

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014109.D
 Acq On : 18 Dec 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:51:12 AM

Quant Time: Dec 19 03:54:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	519759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	815066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	737264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292306	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	242330	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	932797	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	331056	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217351	46.743	ug/l	100
3) Chloromethane	1.32	50	309146	49.541	ug/l	100
4) Vinyl Chloride	1.40	62	322104	48.918	ug/l	99
5) Bromomethane	1.63	94	218916	46.843	ug/l	99
6) Chloroethane	1.71	64	199421	49.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	402349	49.361	ug/l	99
8) Diethyl Ether	2.18	74	185247	48.424	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	241094	49.068	ug/l	100
10) Methyl Iodide	2.50	142	339336	52.245	ug/l	98
11) Tert butyl alcohol	3.03	59	326643	256.622	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246159	49.234	ug/l	99
13) Acrolein	2.28	56	226460	310.805	ug/l	99
14) Allyl chloride	2.72	41	455718	51.050	ug/l	99
15) Acrylonitrile	3.13	53	794627	267.467	ug/l	99
16) Acetone	2.43	43	688020	179.905	ug/l	99
17) Carbon Disulfide	2.56	76	667592	48.125	ug/l	99
18) Methyl Acetate	2.76	43	403611	53.260	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	839606	51.104	ug/l	100
20) Methylene Chloride	2.85	84	289741	48.111	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	270090	49.034	ug/l	98
22) Diisopropyl ether	3.84	45	924175	51.952	ug/l	99
23) Vinyl Acetate	3.80	43	4039485	278.261	ug/l	100
24) 1,1-Dichloroethane	3.69	63	492395	49.751	ug/l	99
25) 2-Butanone	4.65	43	1114309	236.333	ug/l	98
26) 2,2-Dichloropropane	4.58	77	365407	47.552	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	311561	50.014	ug/l	98
28) Bromochloromethane	5.01	49	210539	55.265	ug/l	97
29) Tetrahydrofuran	5.11	42	721547	273.602	ug/l	98
30) Chloroform	5.20	83	475688	50.701	ug/l	99
31) Cyclohexane	5.58	56	445074	50.562	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	395255	49.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	359054	48.010	ug/l	100
37) Ethyl Acetate	4.82	43	437133	52.931	ug/l	99
38) Carbon Tetrachloride	5.78	117	339049	49.765	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	443113	47.985	ug/l	97
40) Benzene	6.14	78	1122919	48.799	ug/l	98
41) Methacrylonitrile	5.03	41	241656	52.737	ug/l	96
42) 1,2-Dichloroethane	6.19	62	385136	49.375	ug/l	99
43) Isopropyl Acetate	6.44	43	700223	51.233	ug/l	100
44) Trichloroethene	7.20	130	300094	47.215	ug/l	96
45) 1,2-Dichloropropane	7.51	63	293419	49.749	ug/l	99
46) Dibromomethane	7.65	93	186843	47.916	ug/l	99
47) Bromodichloromethane	7.89	83	369798	50.354	ug/l	98
48) Methyl methacrylate	7.76	41	345045	51.556	ug/l	99
49) 1,4-Dioxane	7.73	88	140063	1028.388	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2223569	259.053	ug/l	100
52) Toluene	8.78	92	705311	48.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	417914	51.897	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	461817	51.477	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	291648	50.031	ug/l	99
56) Ethyl methacrylate	9.17	69	469616	51.286	ug/l	100
57) 1,3-Dichloropropane	9.37	76	489552	49.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	914095	263.786	ug/l	100
59) 2-Hexanone	9.48	43	1698385	245.797	ug/l	99
60) Dibromochloromethane	9.57	129	301840	52.092	ug/l	99
61) 1,2-Dibromoethane	9.67	107	298696	50.081	ug/l	99
64) Tetrachloroethene	9.33	164	285065	43.696	ug/l	98
65) Chlorobenzene	10.14	112	748493	47.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	280263	50.072	ug/l	99
67) Ethyl Benzene	10.25	91	1327274	49.248	ug/l	99
68) m/p-Xylenes	10.36	106	1018895	98.295	ug/l	100
69) o-Xylene	10.70	106	493415	48.535	ug/l	99
70) Styrene	10.71	104	848544	49.361	ug/l	99
71) Bromoform	10.85	173	230509	51.233	ug/l	99
73) Isopropylbenzene	11.01	105	1307081	50.592	ug/l	99
74) N-amyl acetate	10.89	43	619408	51.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	450552	50.301	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	363048m	45.573	ug/l	
77) Bromobenzene	11.25	156	333351	46.896	ug/l	98
78) n-propylbenzene	11.35	91	1477197	50.974	ug/l	100
79) 2-Chlorotoluene	11.42	91	864455	49.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1086941	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	150647	53.375	ug/l	99
82) 4-Chlorotoluene	11.51	91	997540	48.818	ug/l	99
83) tert-Butylbenzene	11.76	119	1069237	50.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1083945	49.780	ug/l	100
85) sec-Butylbenzene	11.94	105	1252495	50.140	ug/l	100
86) p-Isopropyltoluene	12.06	119	1150049	50.330	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	593116	47.609	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588226	46.436	ug/l	100
89) n-Butylbenzene	12.39	91	990574	50.806	ug/l	100
90) Hexachloroethane	12.59	117	205982	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589246	46.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94532	47.692	ug/l	96

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VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389016	47.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	178702	45.617	ug/l	96
95) Naphthalene	13.83	128	1227171	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400883	49.821	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

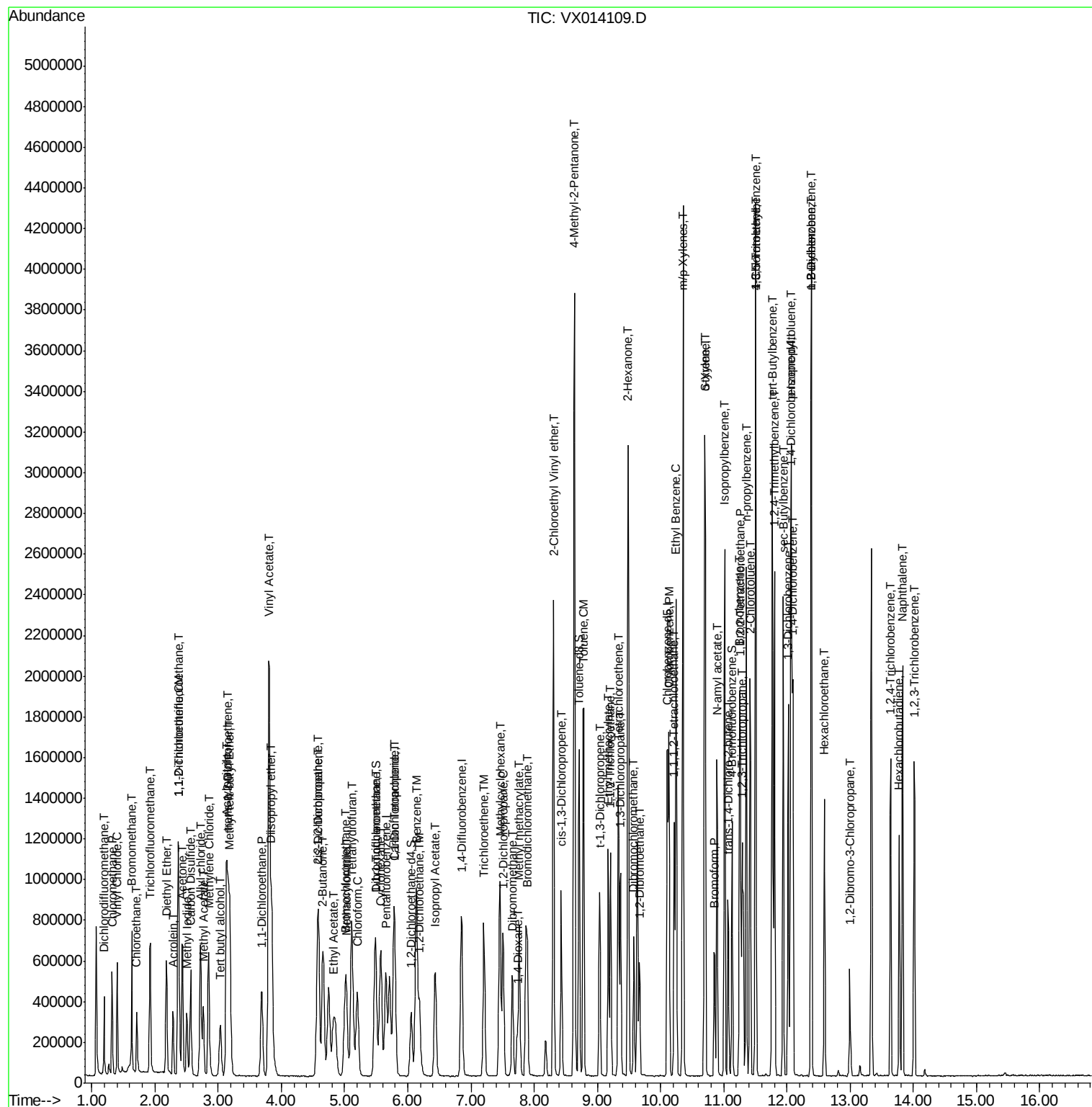
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 Data File : VX014109.D
 Acq On : 18 Dec 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
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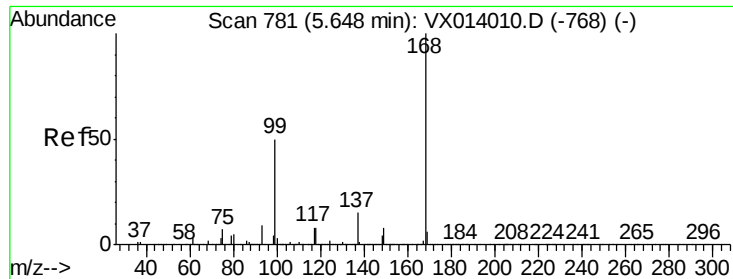
Instrument :
 MSVOA_X
 ClientSampleId :
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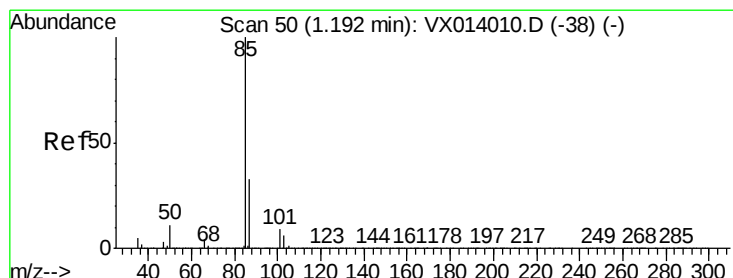
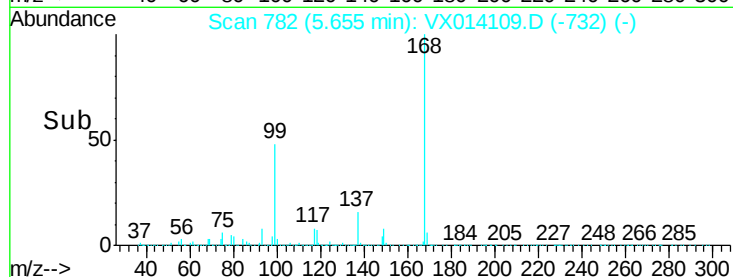
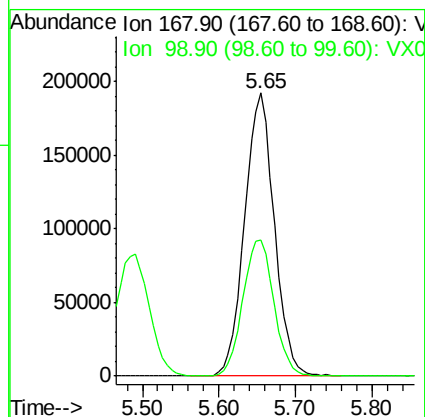
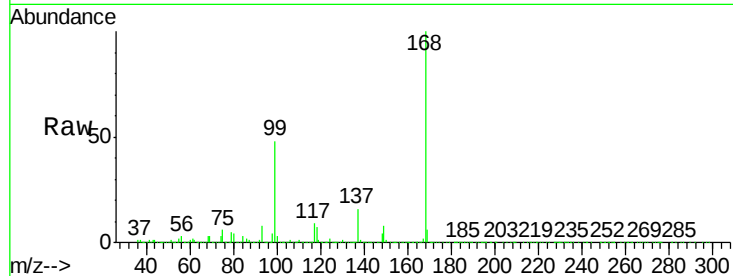
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	40.3	60.5

Manual Integrations
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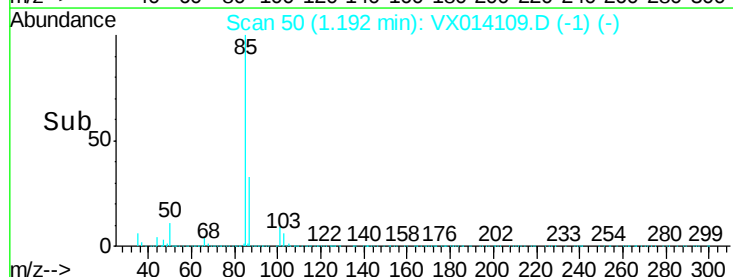
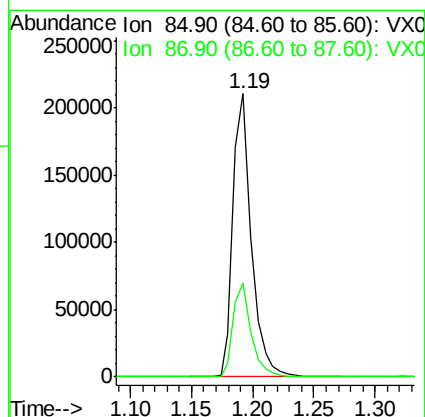
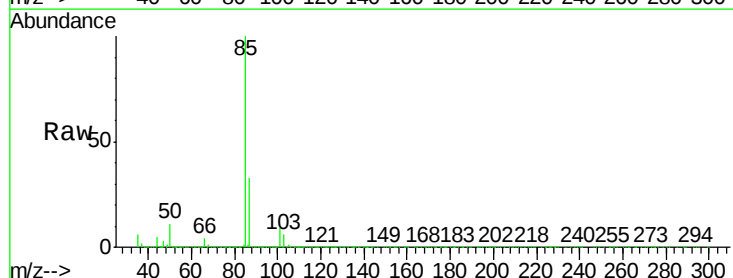
apatel
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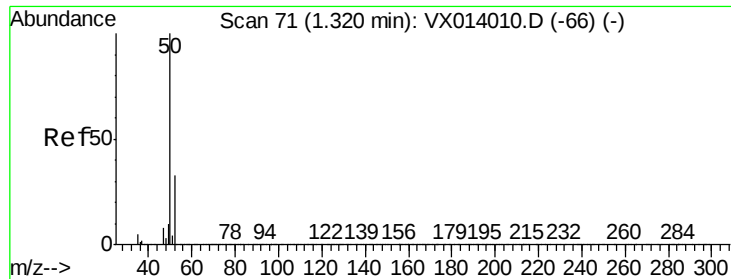


#2

Dichlorodifluoromethane
 Concen: 46.743 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.4	49.2





#3

Chloromethane

Concen: 49.541 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 309146

Ion Ratio Lower Upper

50 100

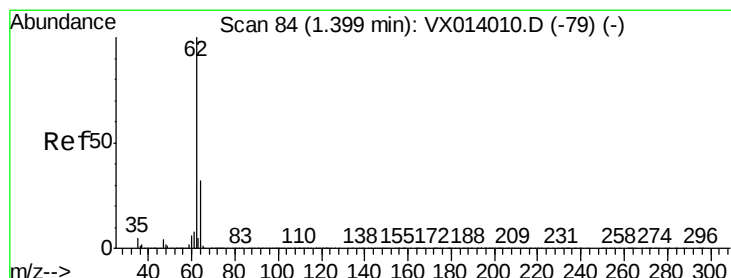
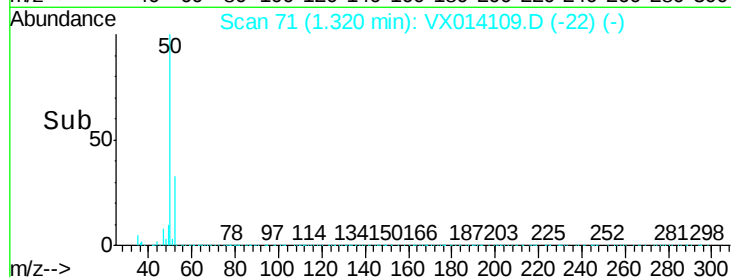
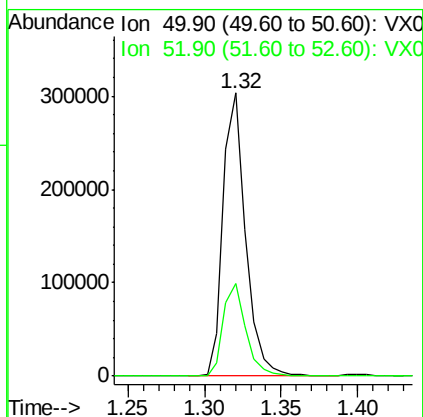
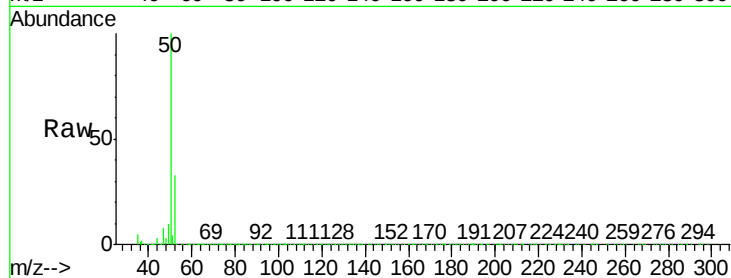
52 32.5 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.918 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014109.D

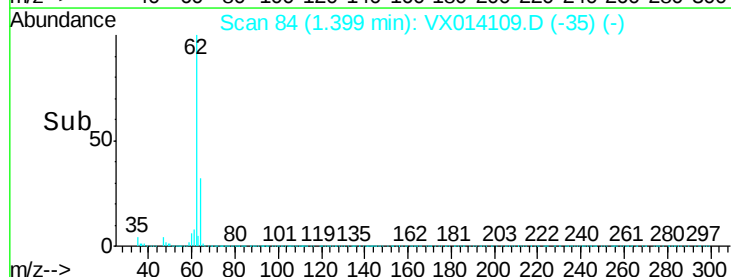
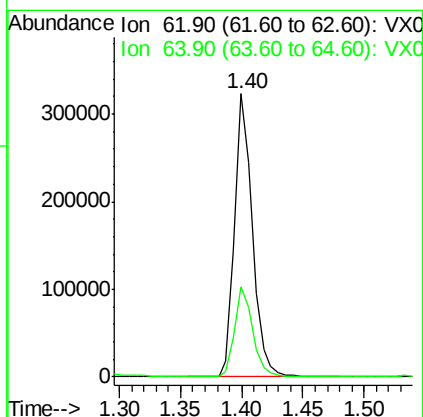
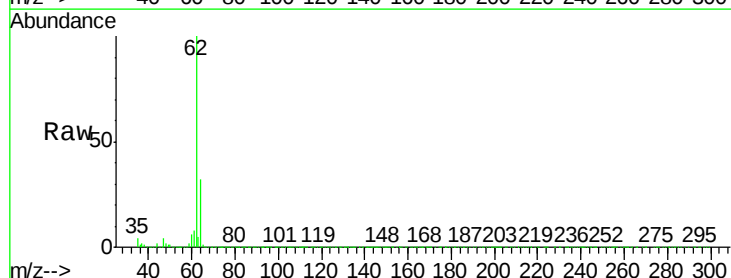
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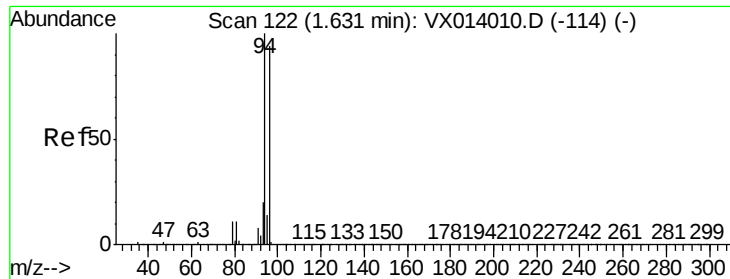
Tgt Ion: 62 Resp: 322104

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 46.843 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 218916

Ion Ratio Lower Upper

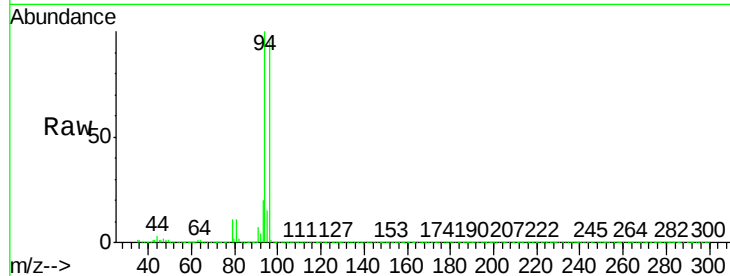
94 100

96 95.3 75.2 112.8

Manual Integrations
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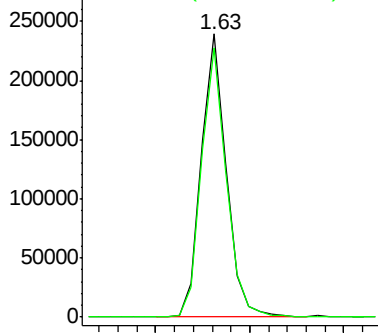
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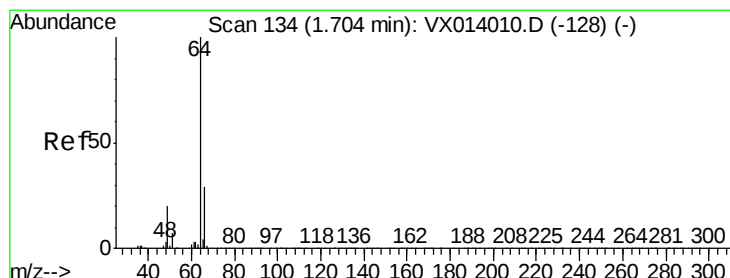
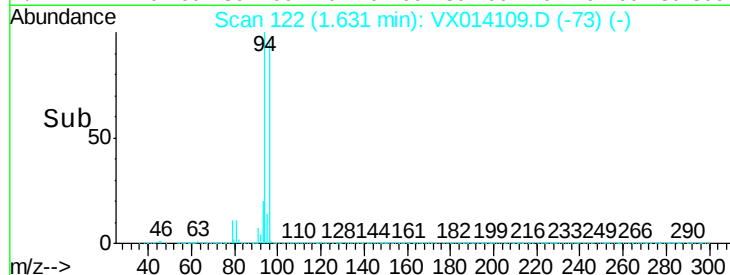


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 49.071 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014109.D

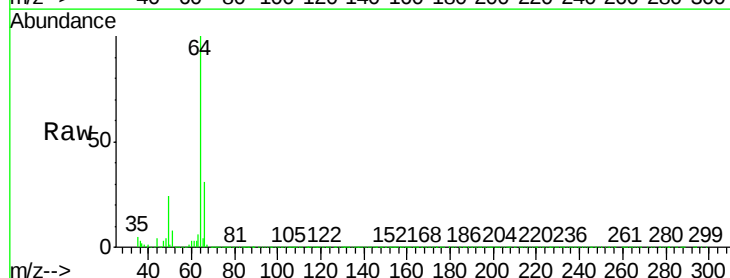
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Tgt Ion: 64 Resp: 199421

Ion Ratio Lower Upper

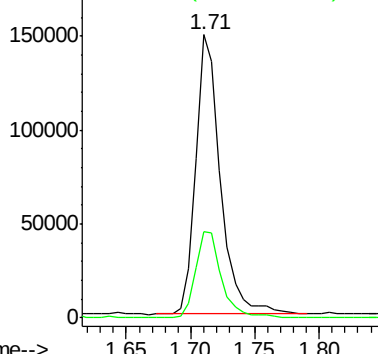
64 100

66 30.8 23.4 35.2

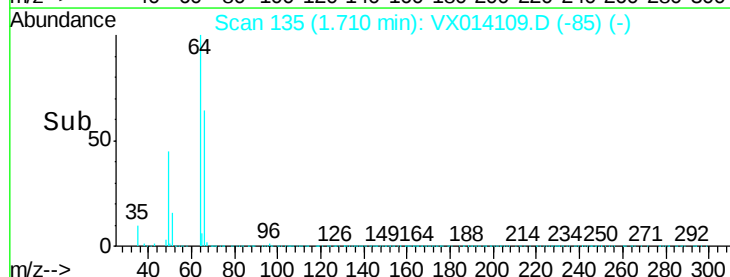


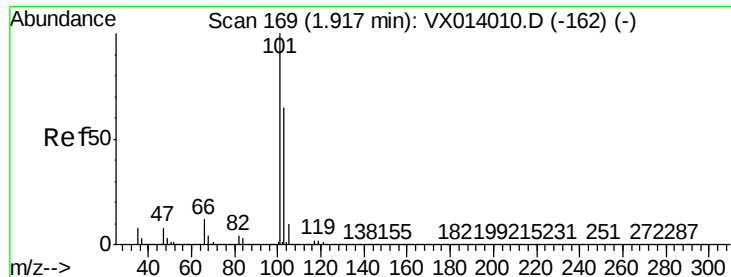
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

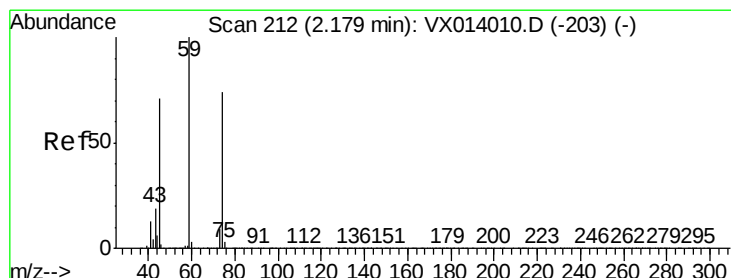
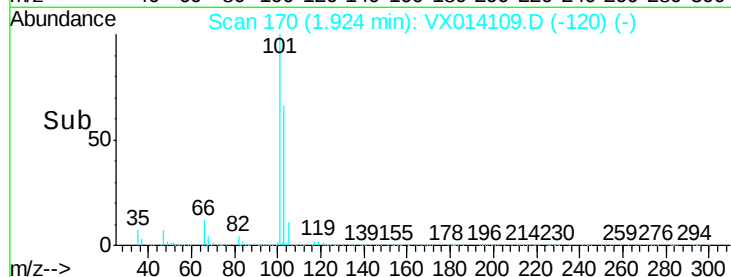
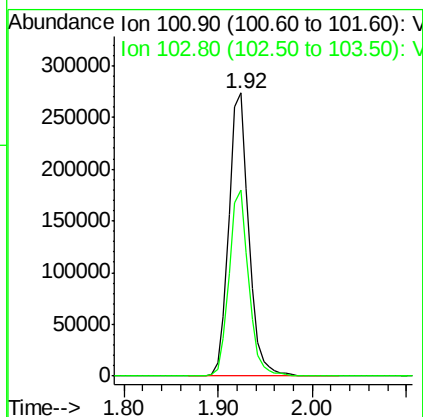
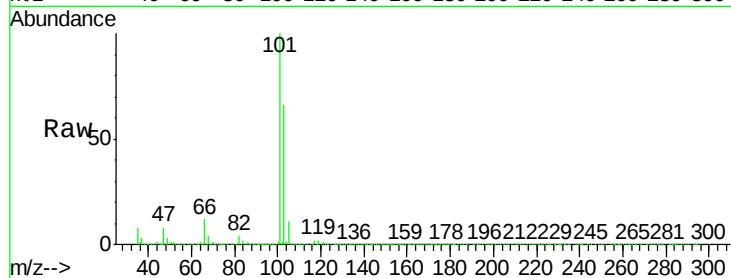
Trichlorofluoromethane
Concen: 49.361 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.8	52.2	78.4	

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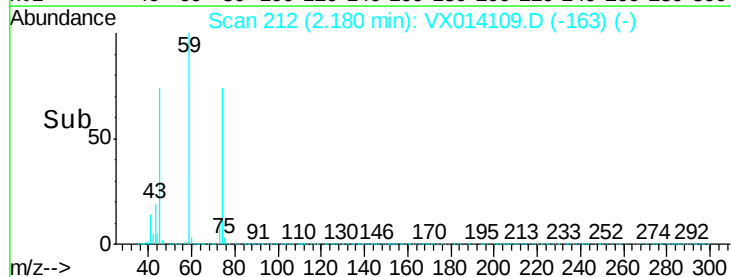
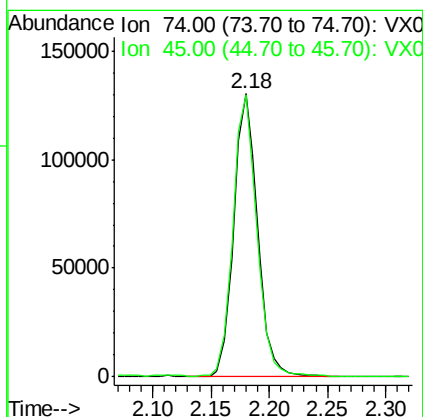
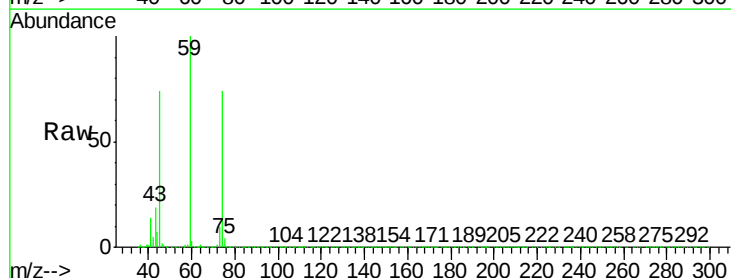
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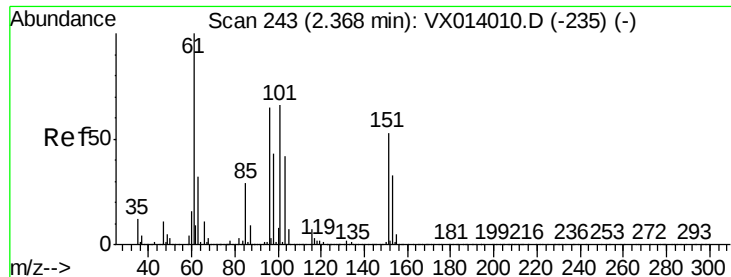


#8

Diethyl Ether
Concen: 48.424 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	99.2	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.068 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

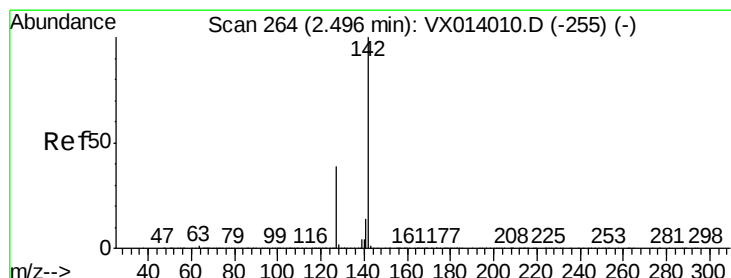
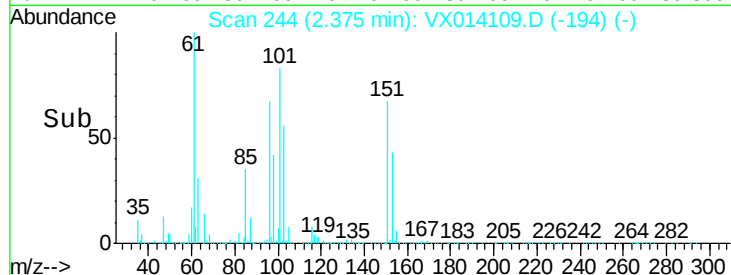
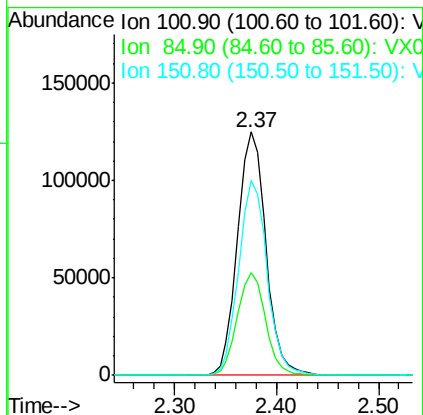
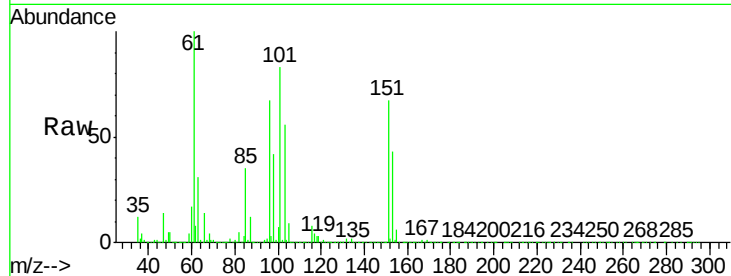
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	241094
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	80.3	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 52.245 ug/l

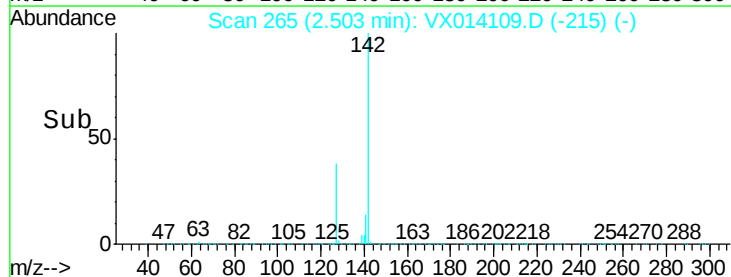
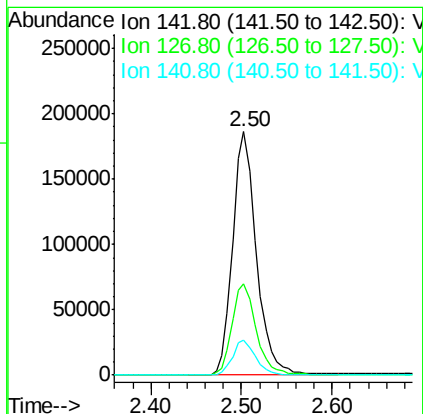
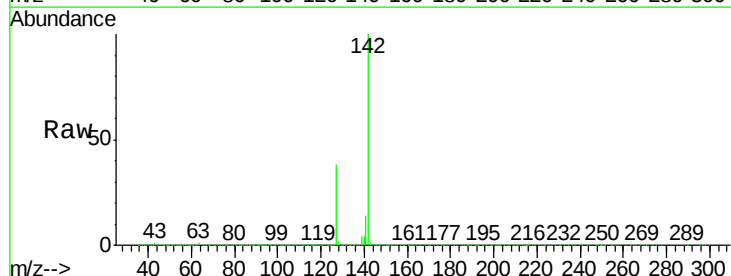
RT: 2.50 min Scan# 265

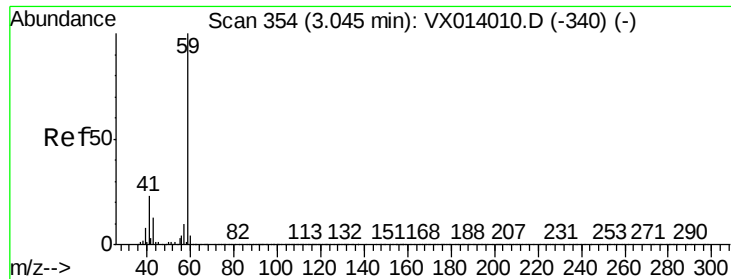
Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	142	Resp:	339336
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.6	47.4
141	14.0	11.6	17.4





#11

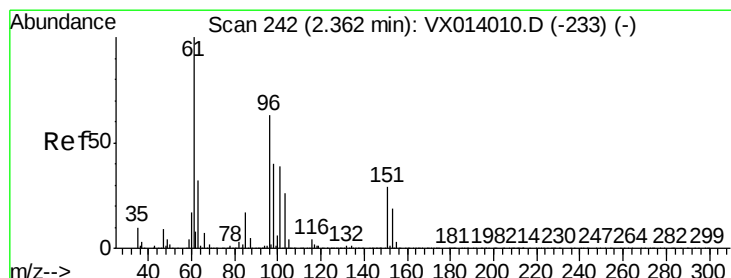
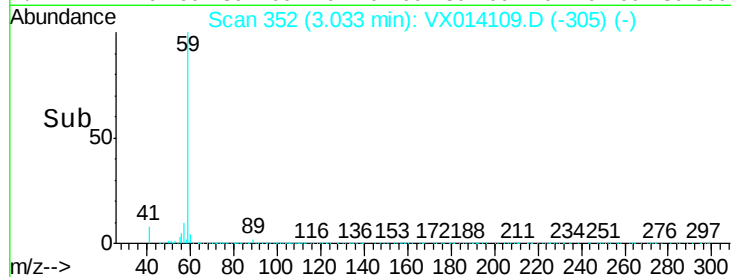
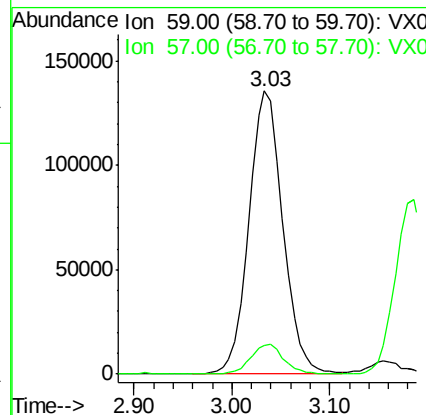
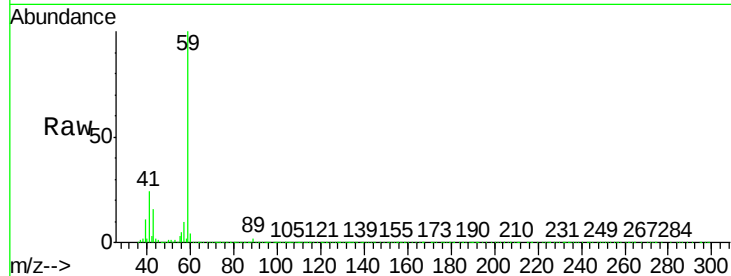
Tert butyl alcohol
Concen: 256.622 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.4	12.6

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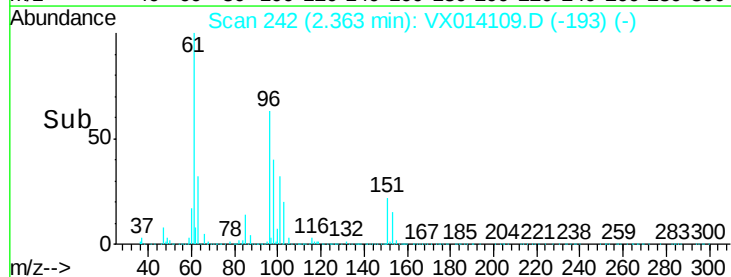
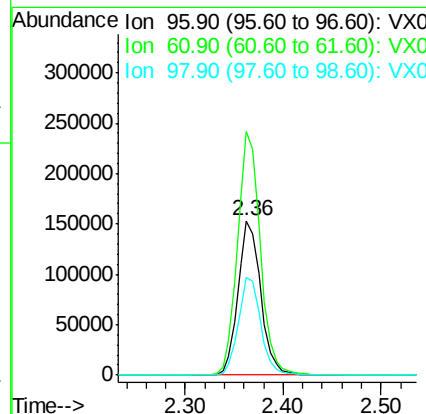
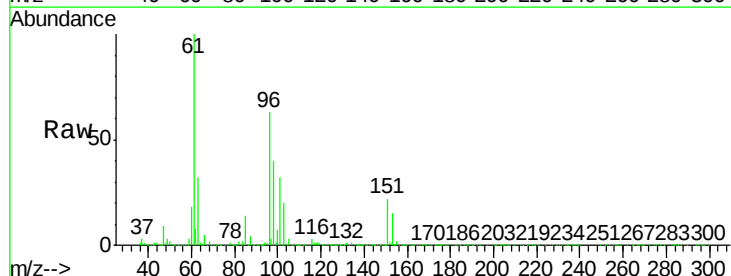
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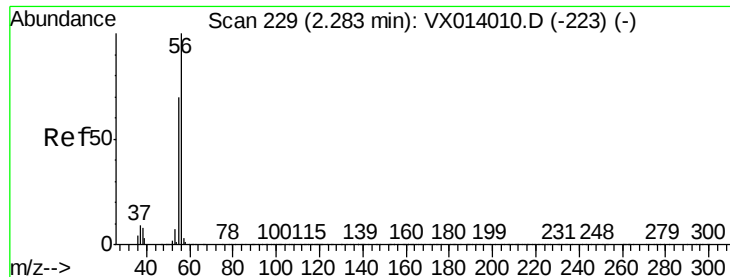


#12

1,1-Dichloroethene
Concen: 49.234 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	157.5	127.9	191.9
98	98	63.4	50.5	75.7





#13

Acrolein

Concen: 310.805 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 226460

Ion Ratio Lower Upper

56 100

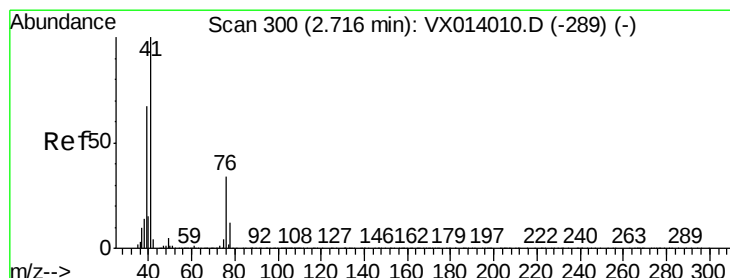
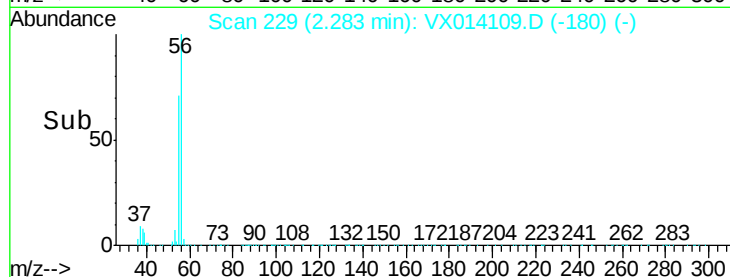
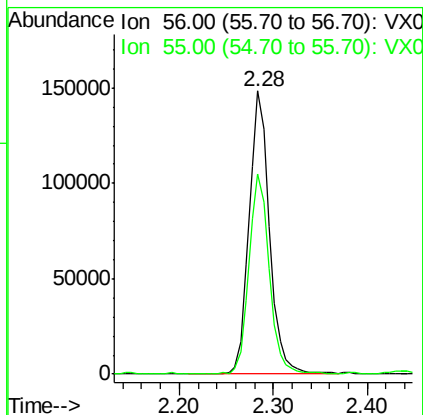
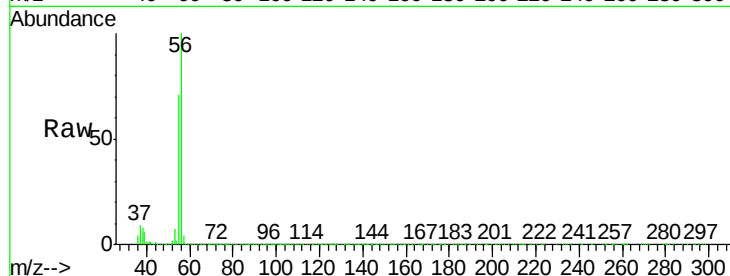
55 69.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.050 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

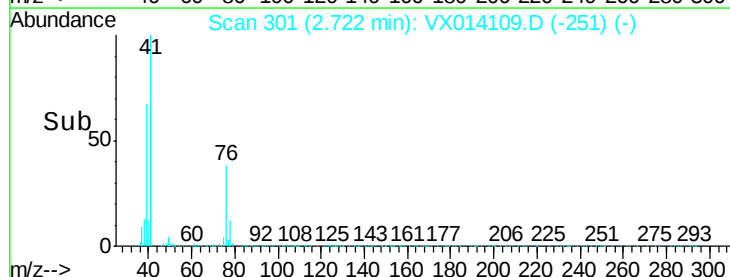
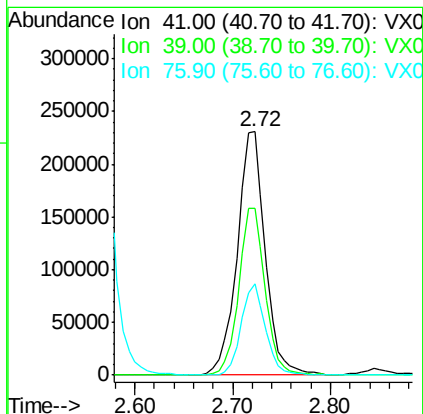
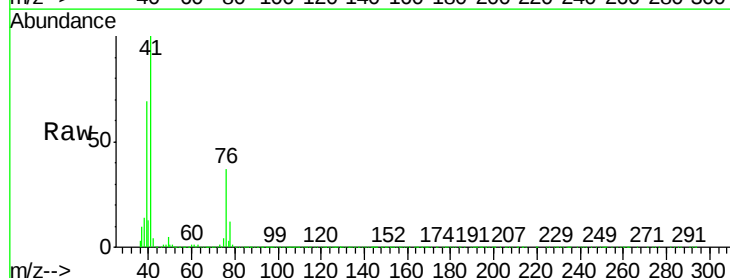
Tgt Ion: 41 Resp: 455718

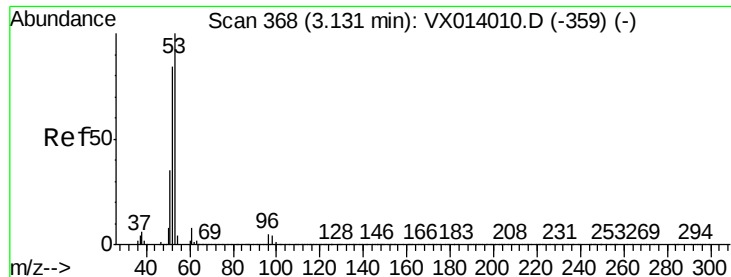
Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 267.467 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

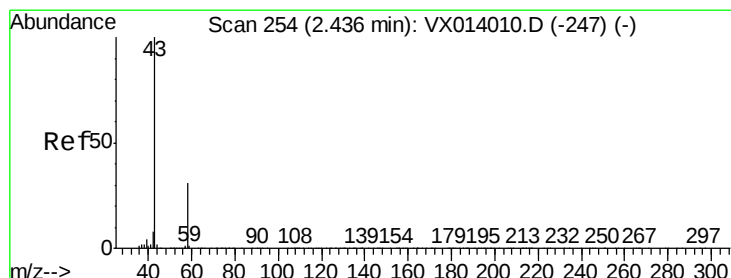
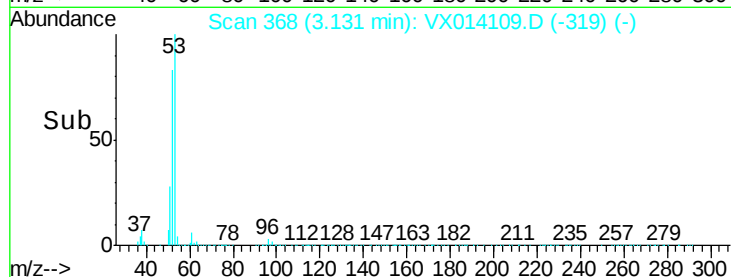
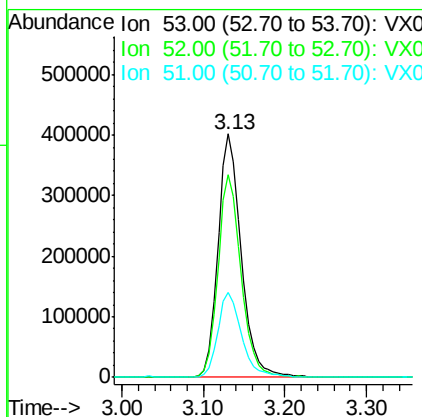
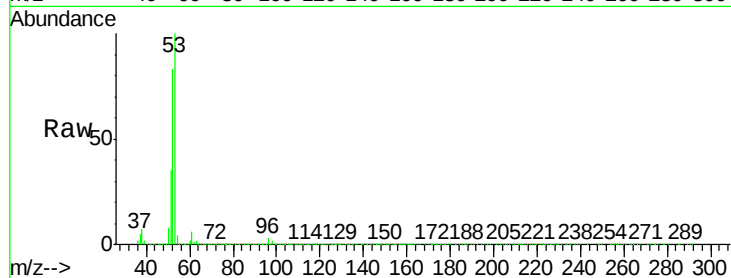
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	794627
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.5	99.7
51	35.9	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 179.905 ug/l

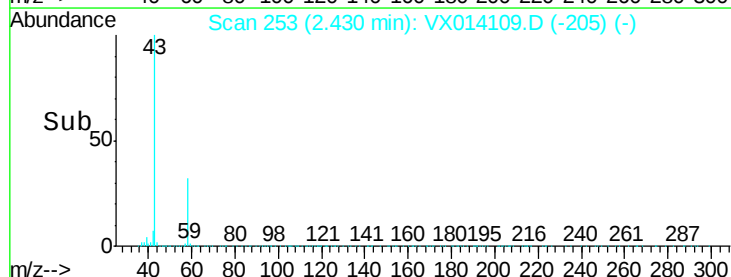
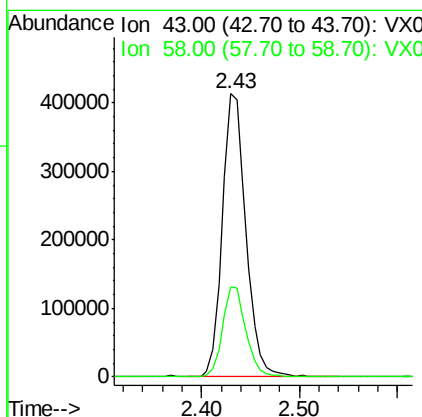
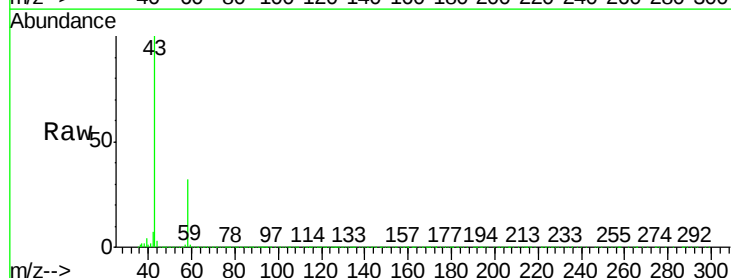
RT: 2.43 min Scan# 253

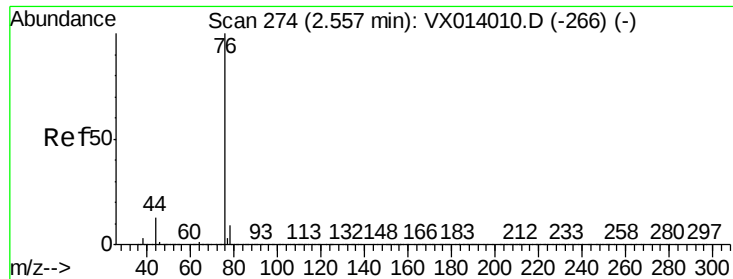
Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	43	Resp:	688020
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.9	37.3





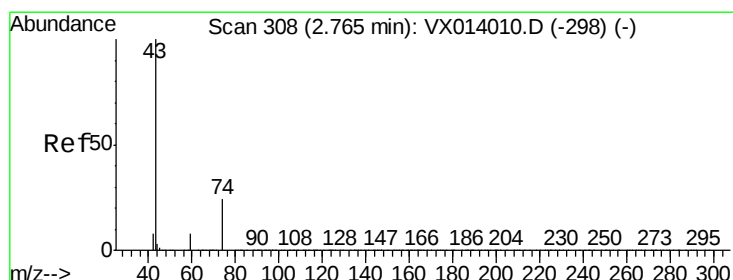
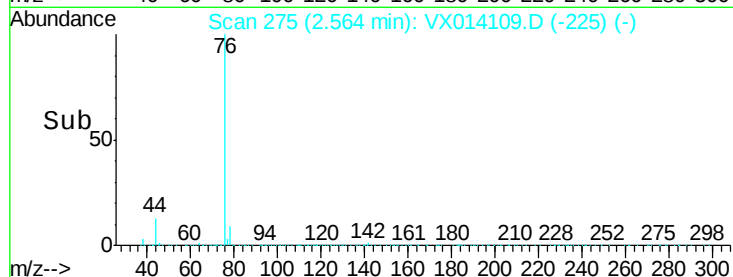
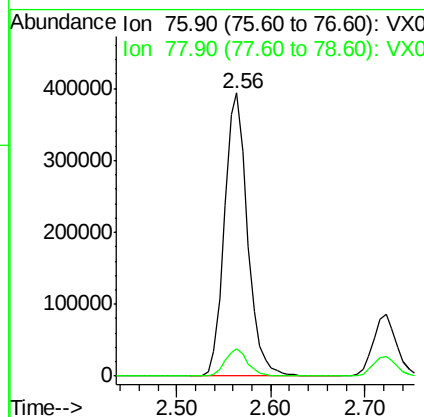
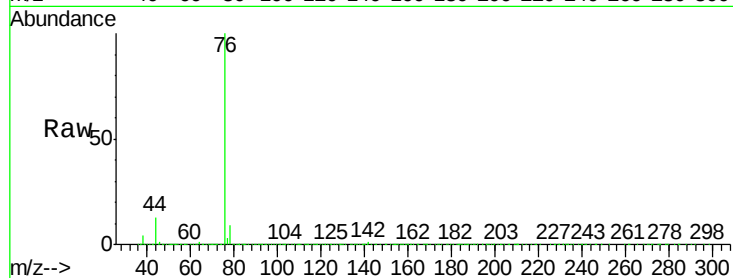
#17
Carbon Disulfide
Concen: 48.125 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

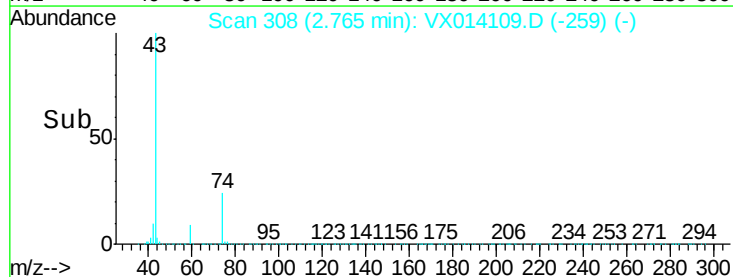
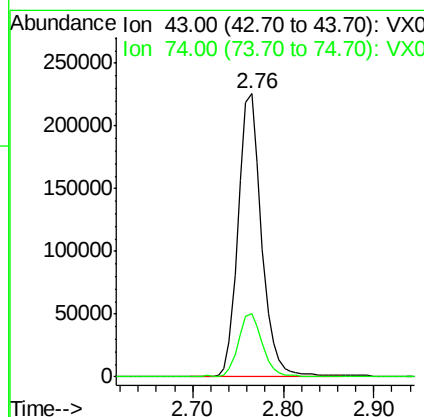
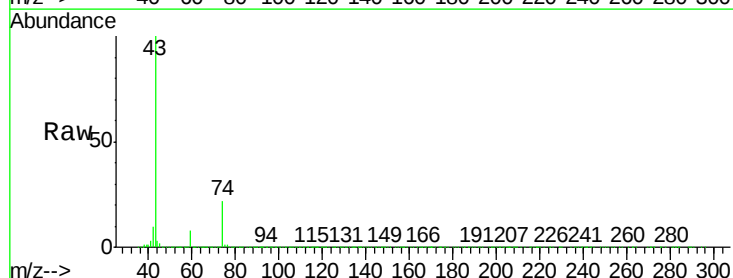
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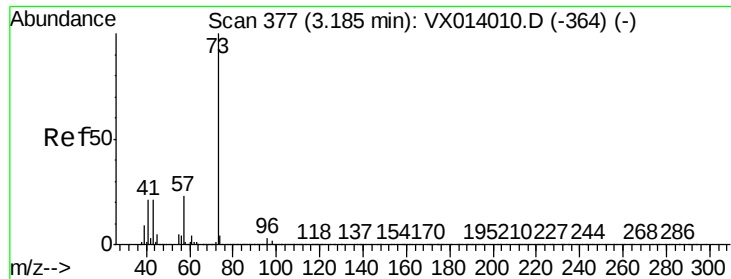
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#18
Methyl Acetate
Concen: 53.260 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.5	29.3





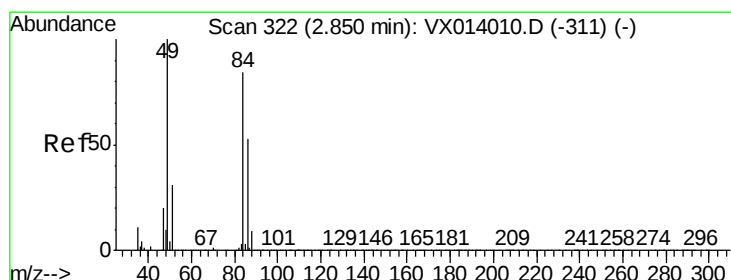
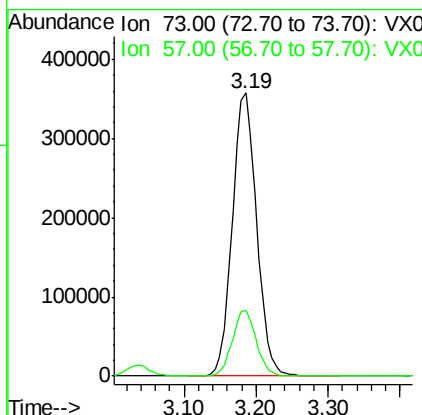
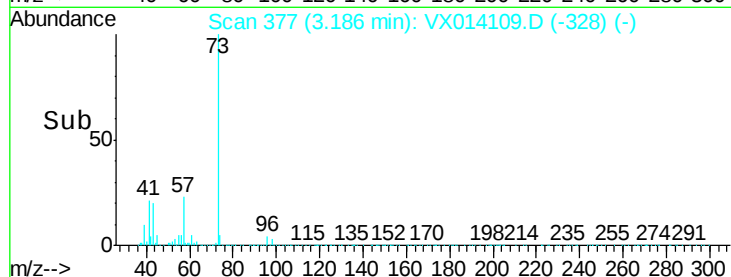
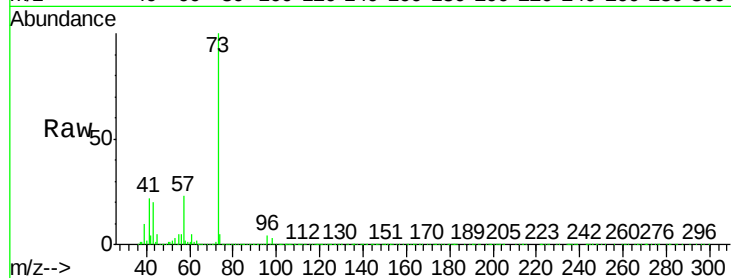
#19
Methyl tert-butyl Ether
Concen: 51.104 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.8	28.2

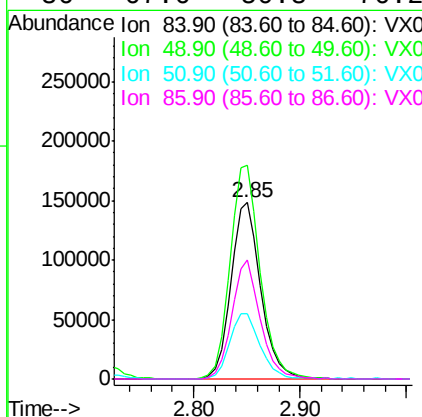
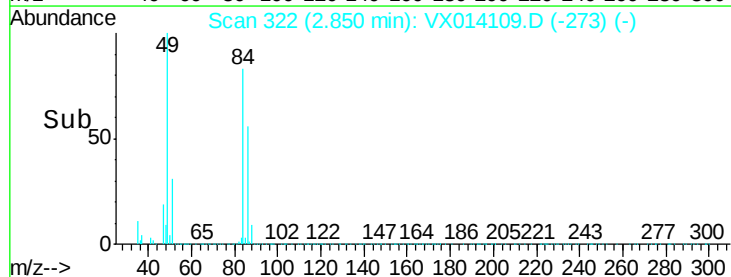
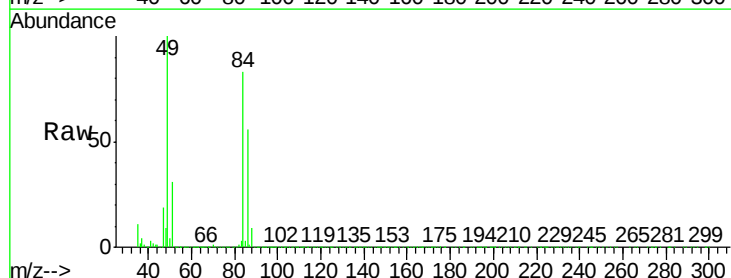
Manual Integrations
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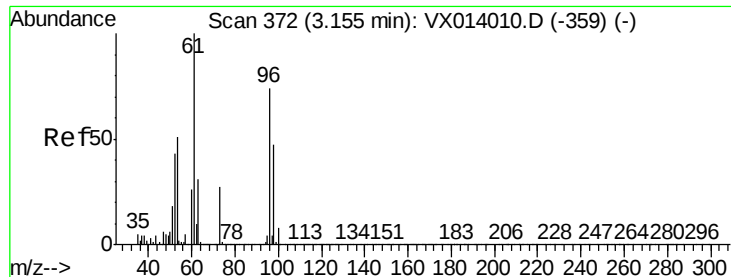
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#20
Methylene Chloride
Concen: 48.111 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	95.8	143.6
51	36.9	29.8	44.8
86	67.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.034 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 270090

Ion Ratio Lower Upper

96 100

61 138.0 108.3 162.5

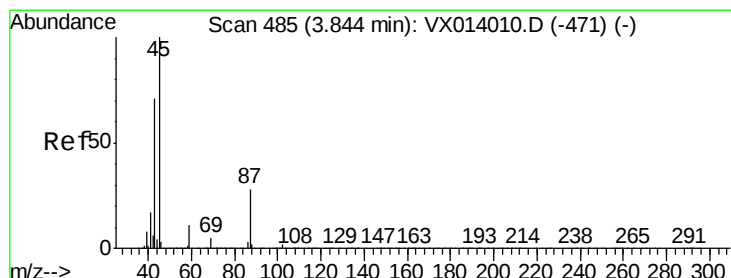
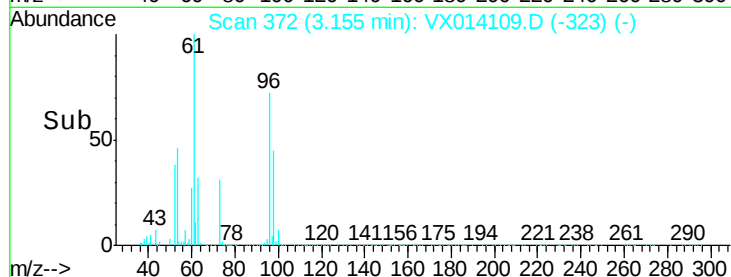
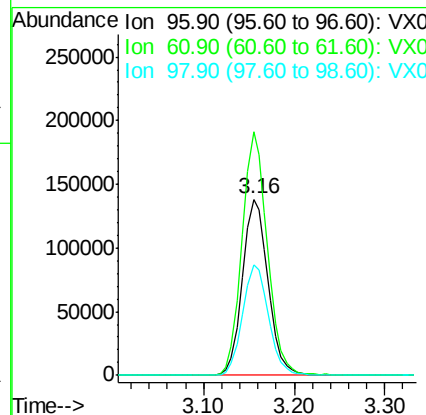
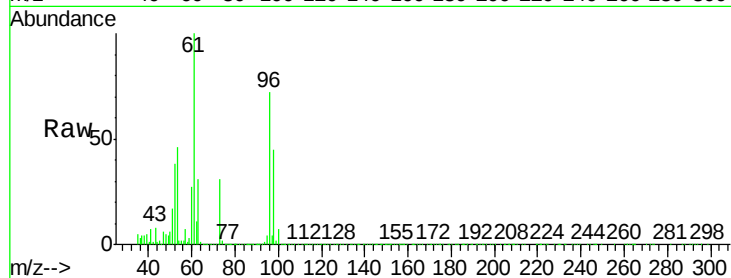
98 62.6 50.8 76.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 51.952 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion: 45 Resp: 924175

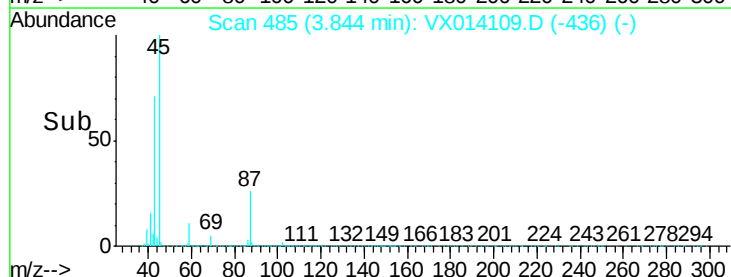
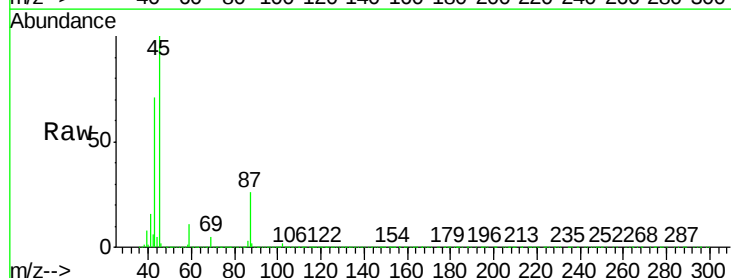
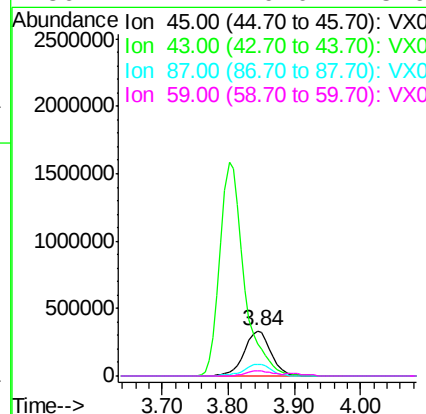
Ion Ratio Lower Upper

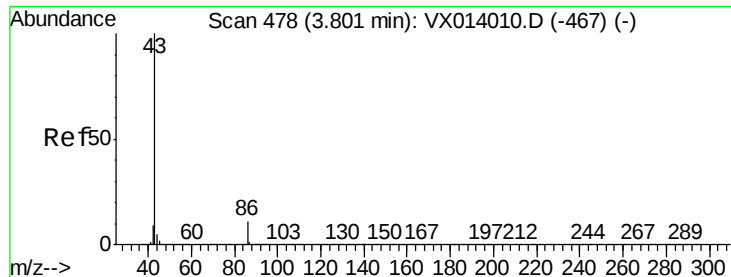
45 100

43 70.6 57.4 86.0

87 26.2 21.9 32.9

59 11.2 9.0 13.6





#23

Vinyl Acetate

Concen: 278.261 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tot Ion: 43 Resp: 4039485

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

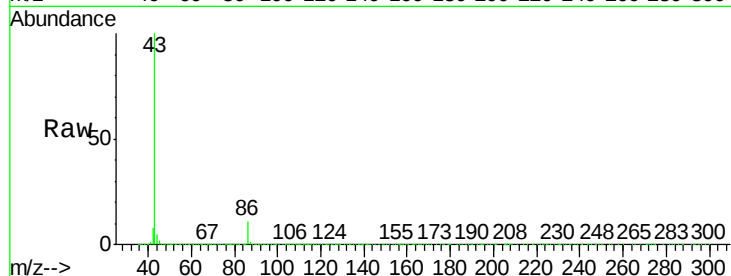
VSTDCCC050EC

Manual Integrations

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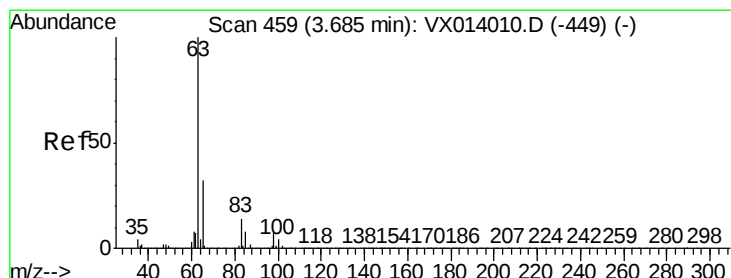
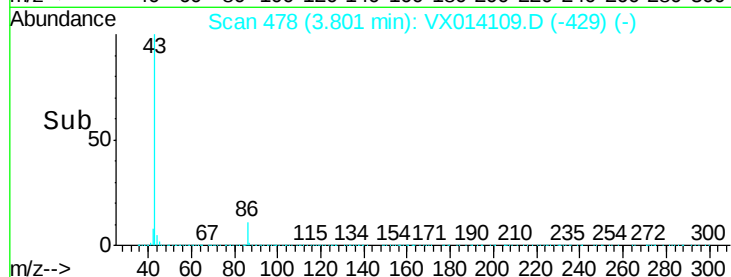
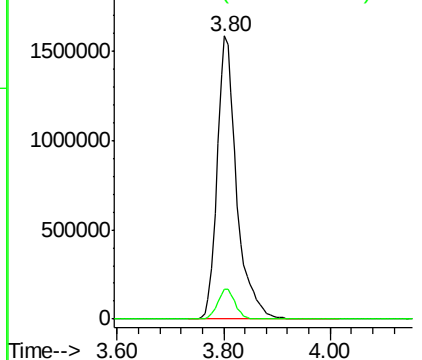
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.751 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

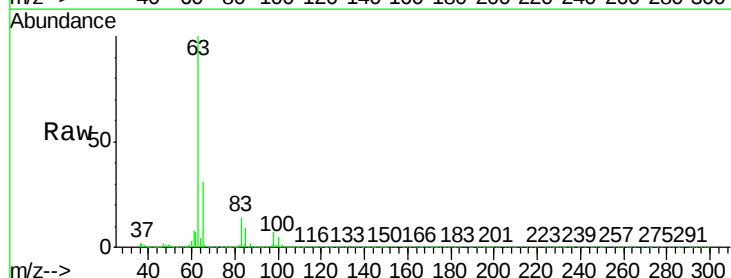
Tgt Ion: 63 Resp: 492395

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

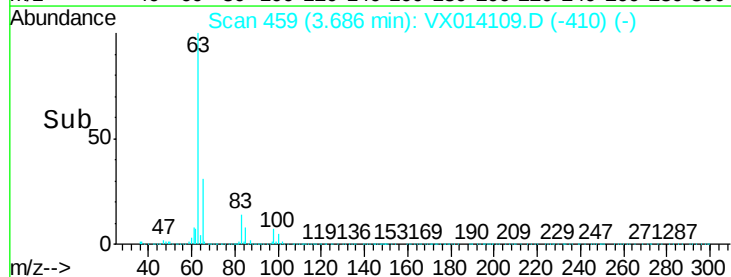
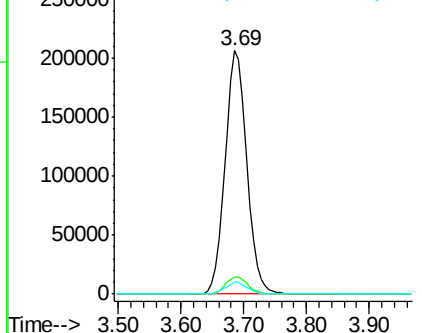
100 4.9 2.3 6.8

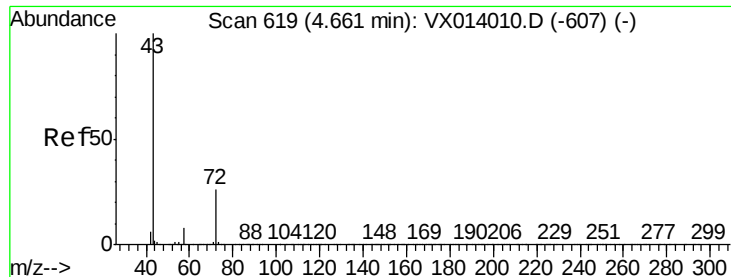


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 236.333 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tot Ion: 43 Resp: 1114309

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

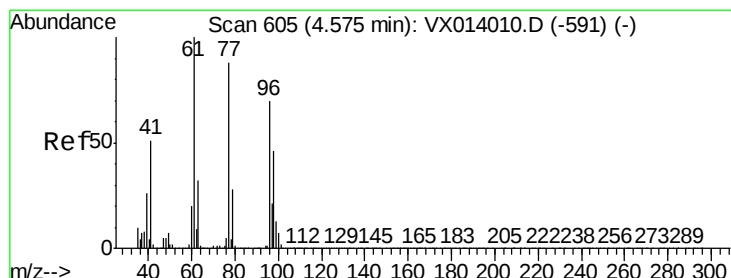
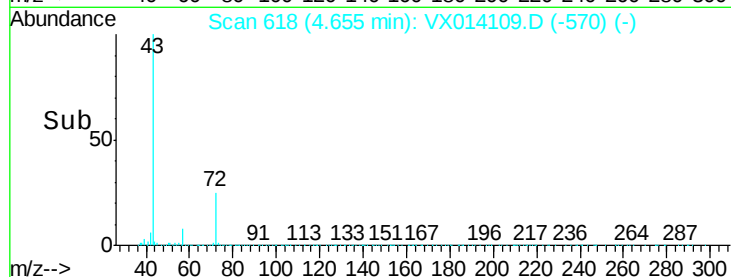
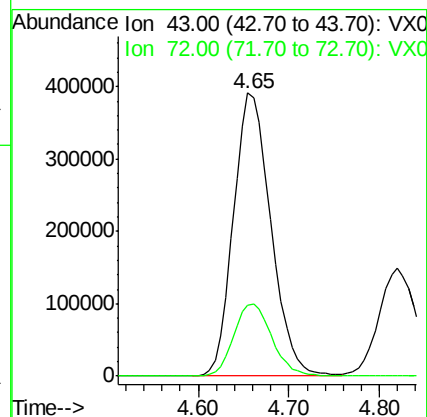
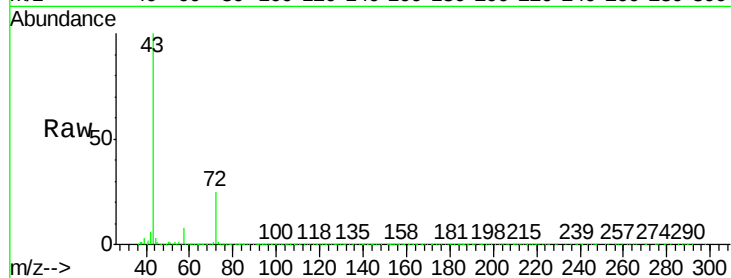
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.552 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014109.D

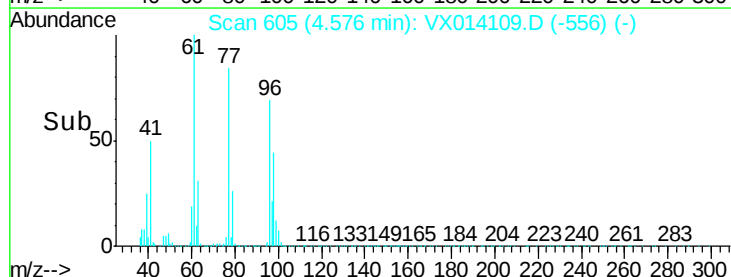
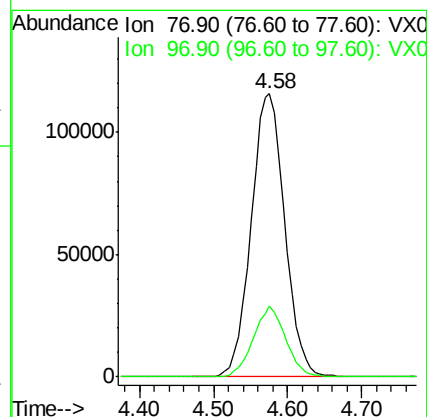
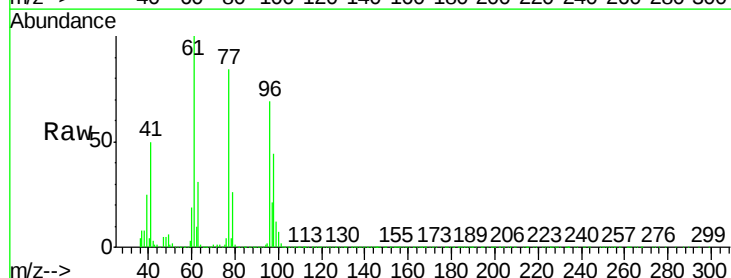
Acq: 18 Dec 2019 20:04

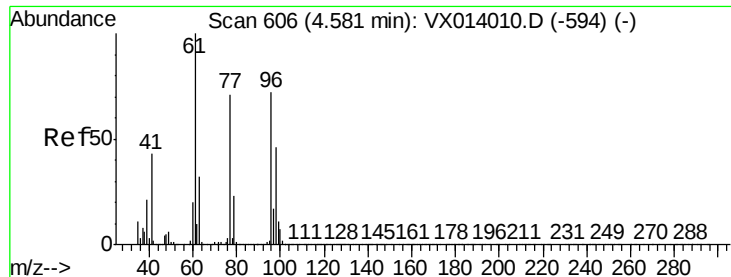
Tgt Ion: 77 Resp: 365407

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

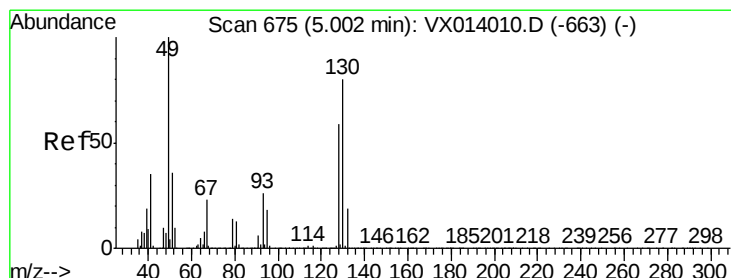
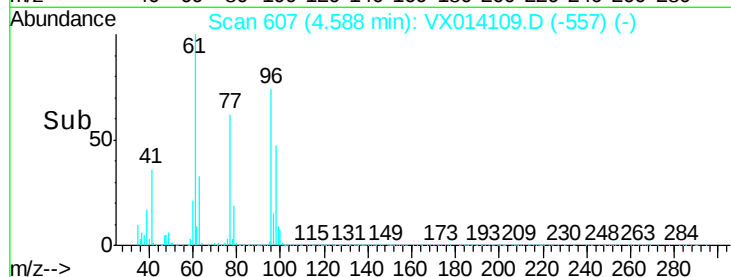
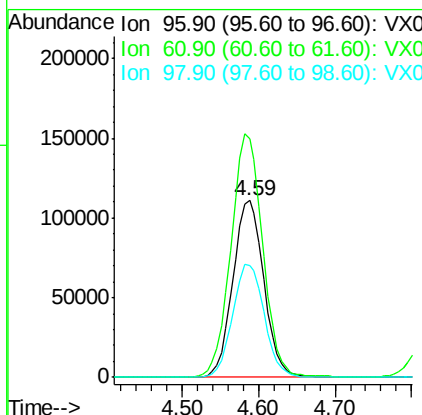
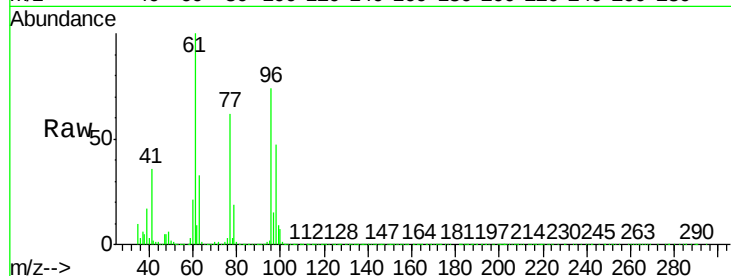
cis-1,2-Dichloroethene
Concen: 50.014 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	311561		
61	140.5	0.0	288.4	
98	65.6	0.0	129.6	

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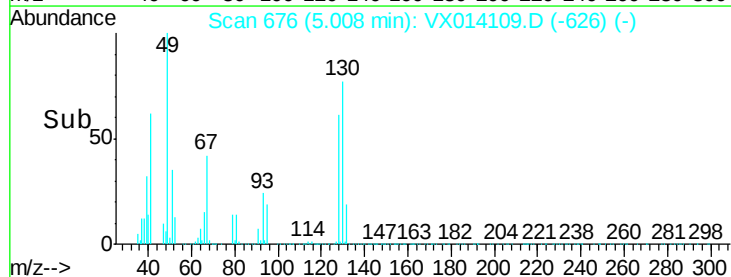
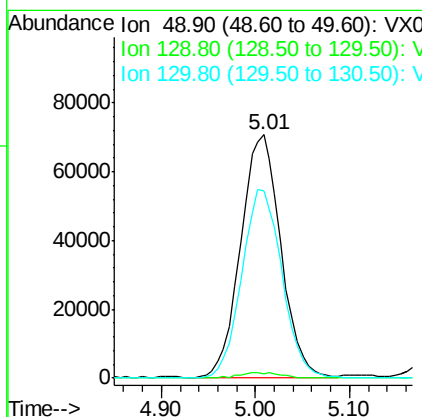
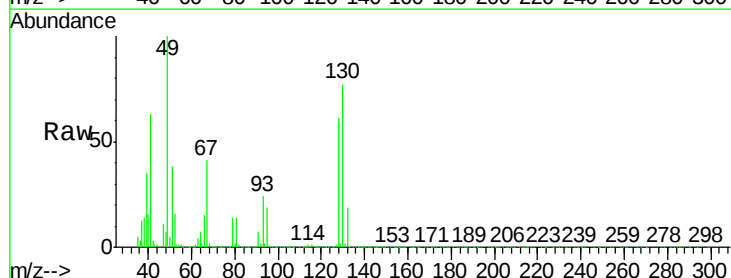
apatel
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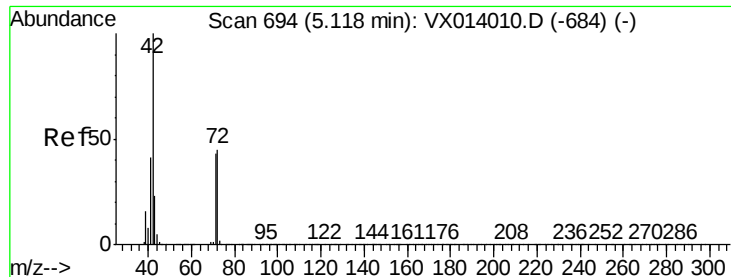


#28

Bromochloromethane
Concen: 55.265 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210539		
129	2.2	0.0	5.0	
130	77.9	64.6	97.0	





#29

Tetrahydrofuran

Concen: 273.602 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

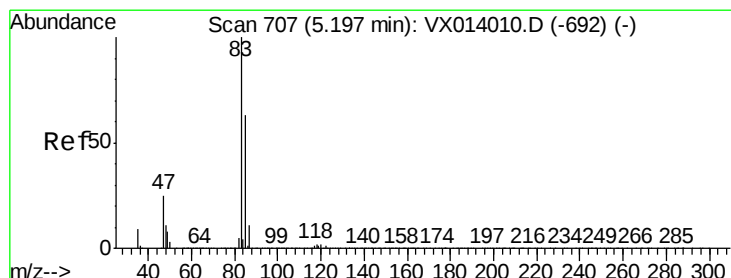
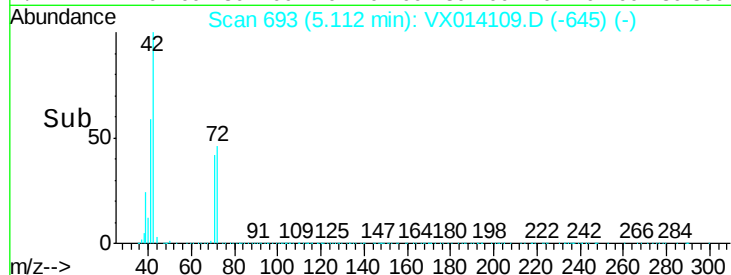
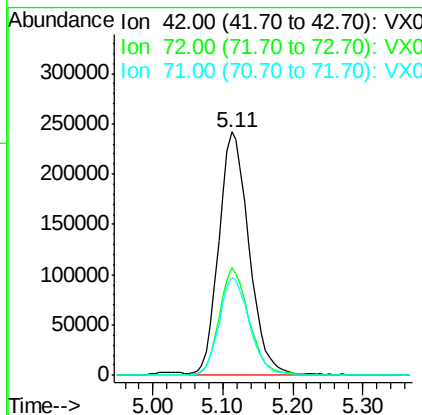
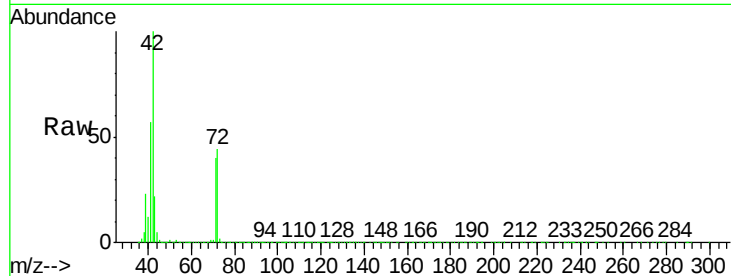
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	721547
Ion Ratio		Lower	Upper
42	100		
72	43.6	35.8	53.8
71	40.4	33.6	50.4

Manual Integrations
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#30

Chloroform

Concen: 50.701 ug/l

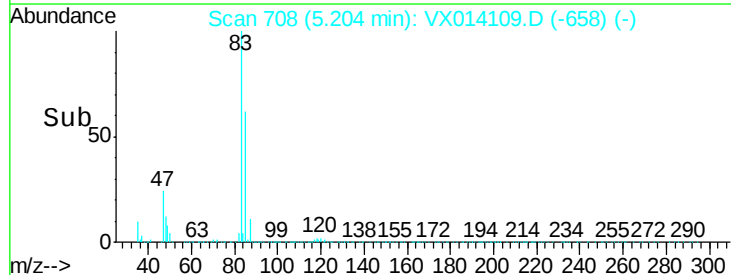
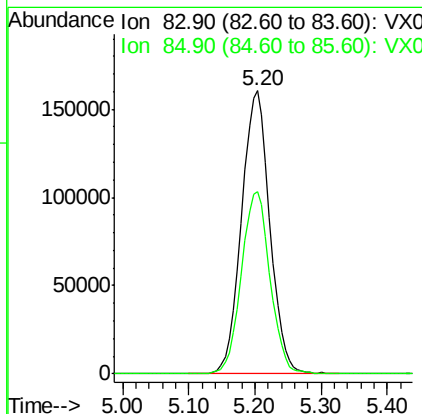
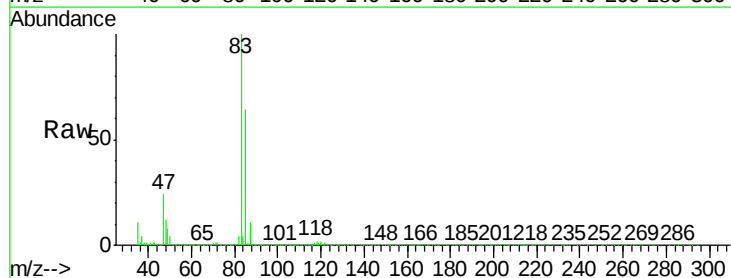
RT: 5.20 min Scan# 708

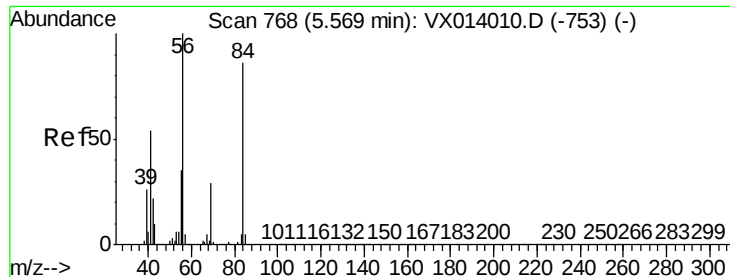
Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	83	Resp:	475688
Ion Ratio		Lower	Upper
83	100		
85	64.2	50.8	76.2





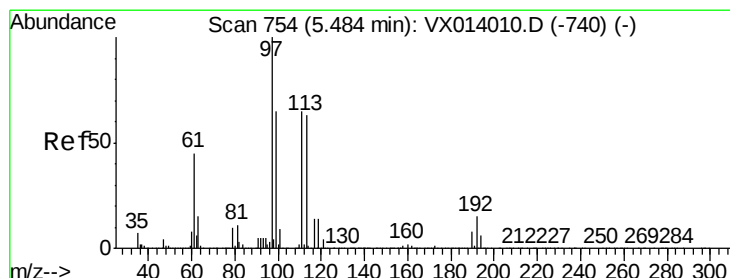
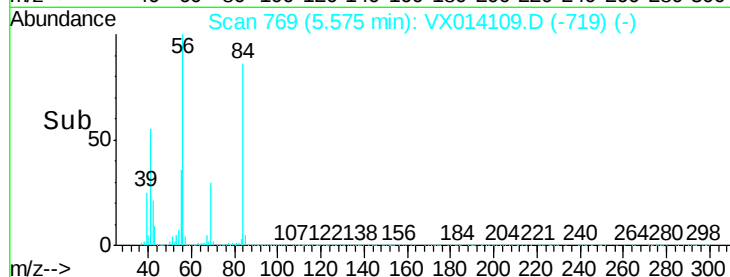
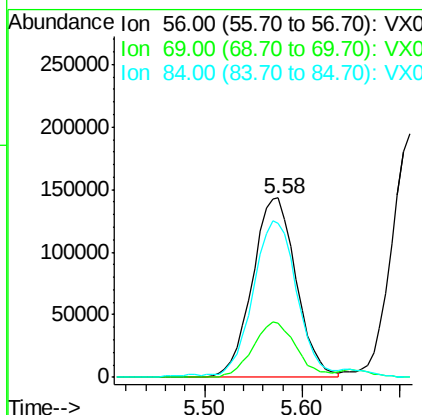
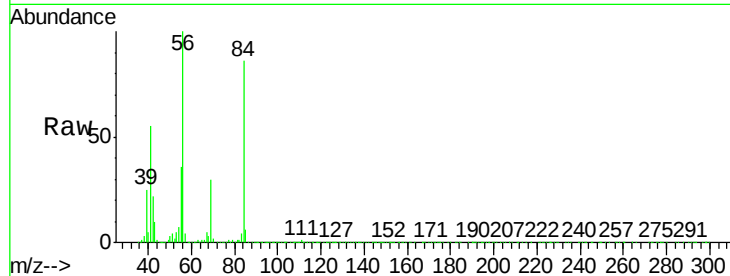
#31
Cyclohexane
Concen: 50.562 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.2	34.8
84	84.0	69.2	103.8

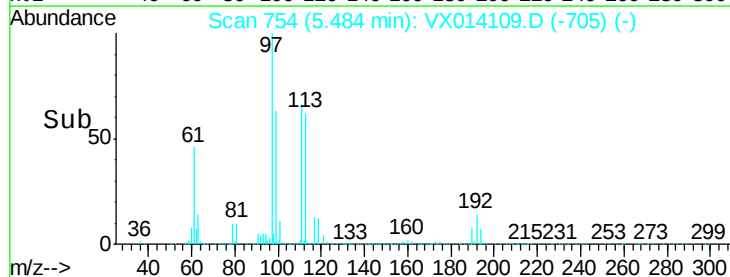
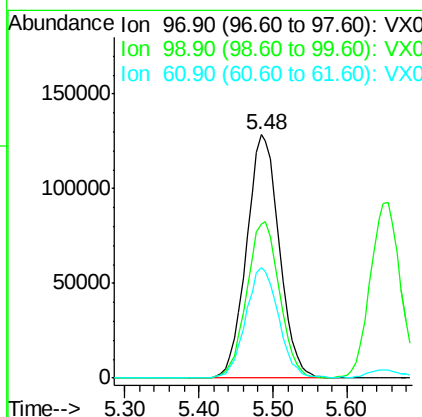
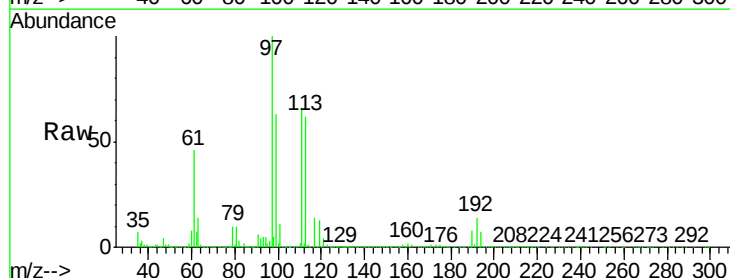
Manual Integrations
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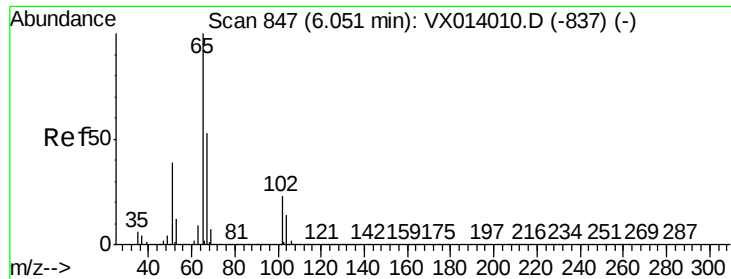
apatel
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#32
1,1,1-Trichloroethane
Concen: 49.430 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	45.5	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 292306

Ion Ratio Lower Upper

65 100

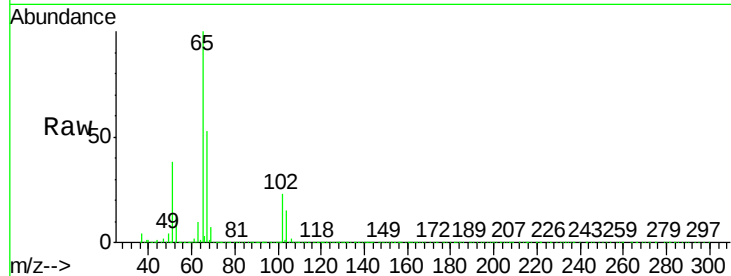
67 53.2 0.0 106.4

Manual Integrations

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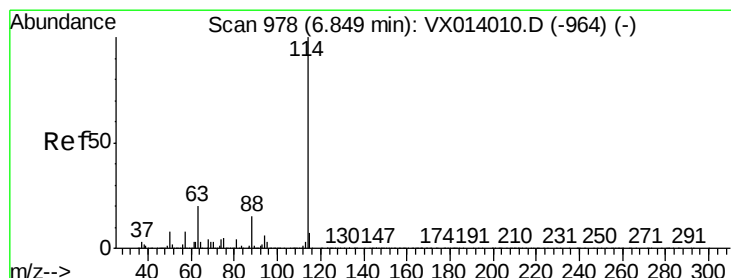
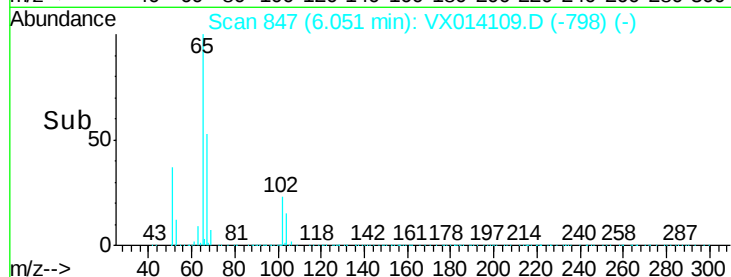
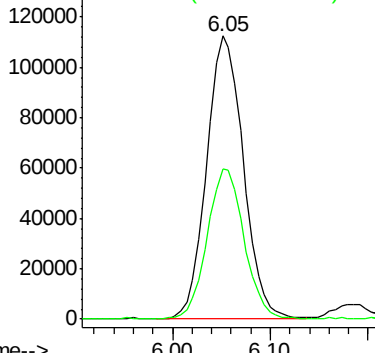
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

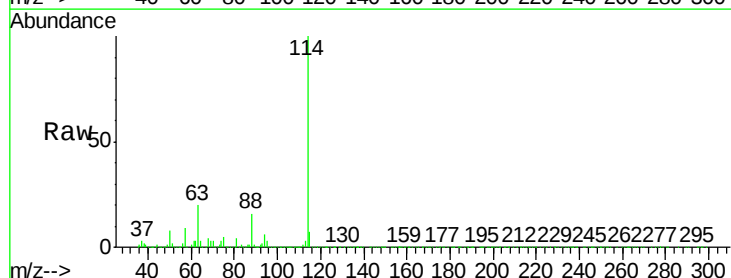
Tgt Ion: 114 Resp: 815066

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

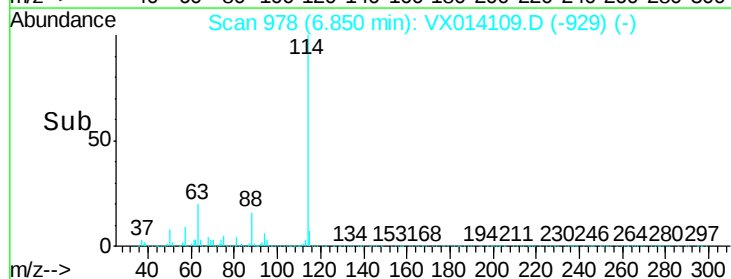
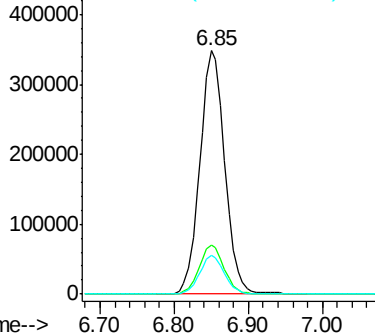
88 16.1 0.0 30.4

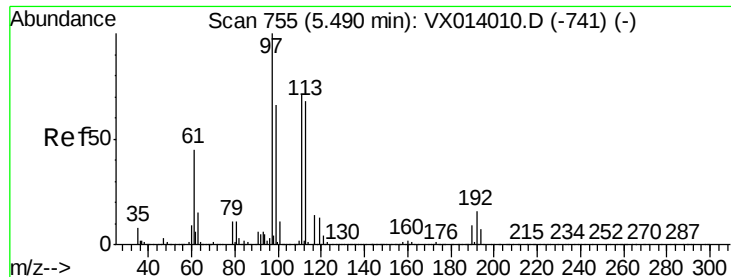


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.909 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

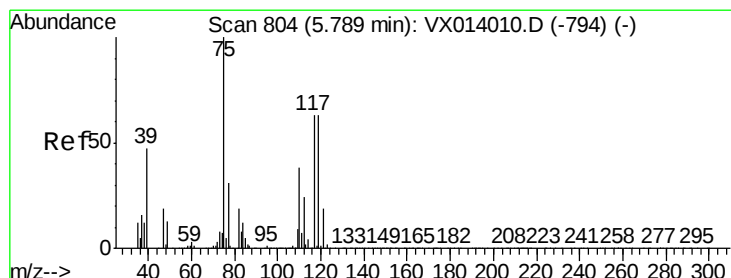
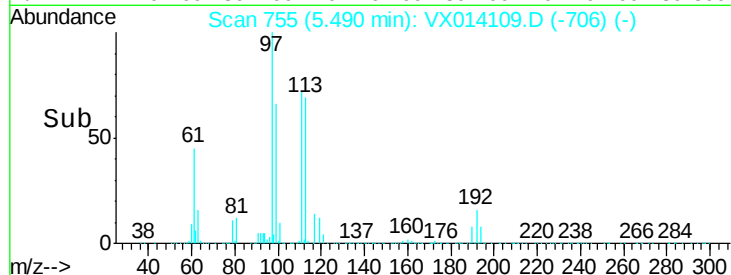
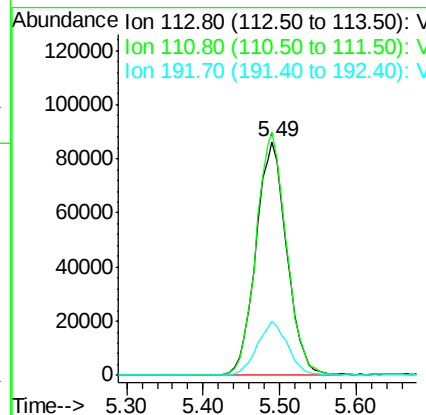
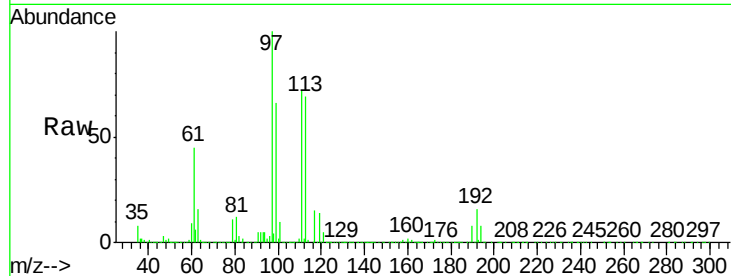
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	242330
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.0	123.0
192	22.9	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 48.010 ug/l

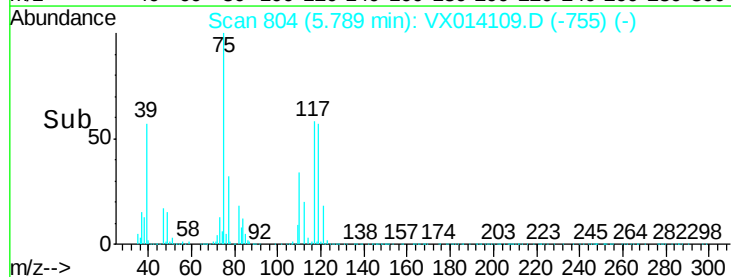
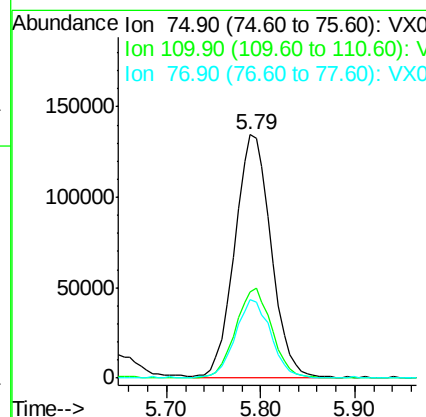
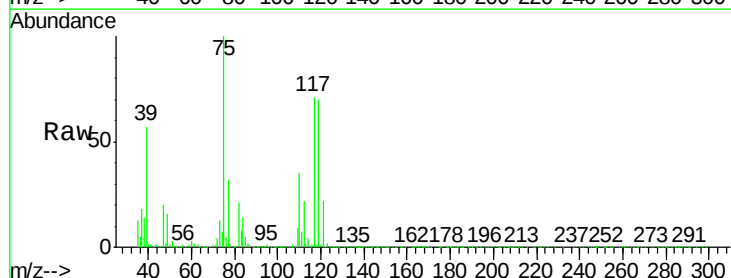
RT: 5.79 min Scan# 804

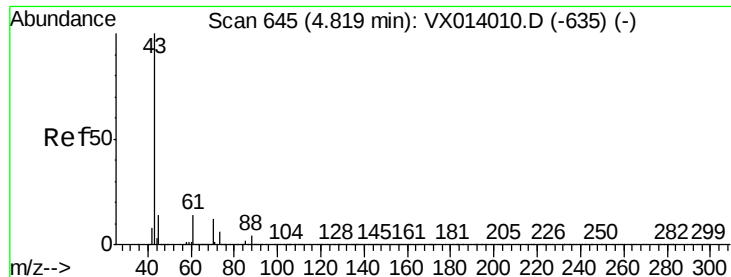
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	75	Resp:	359054
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.9
77	31.1	24.8	37.2





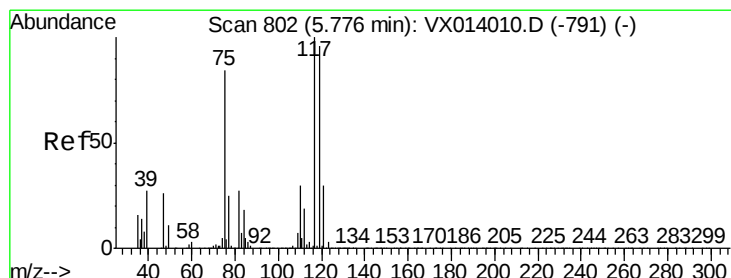
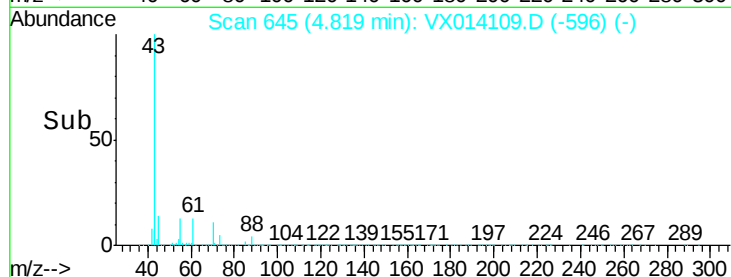
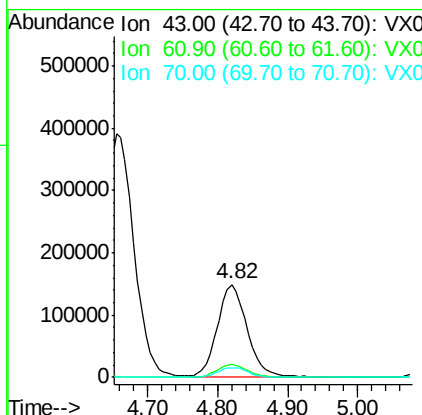
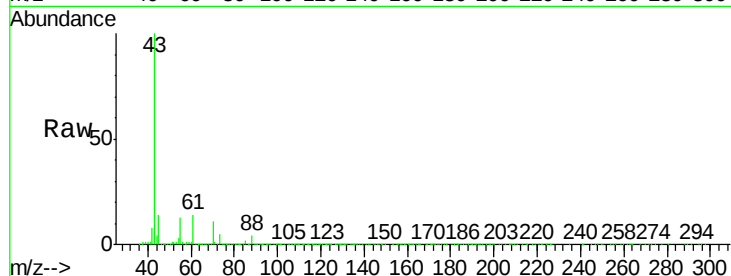
#37
Ethyl Acetate
Concen: 52.931 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	437133
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.8	16.2
70	10.6	8.6	12.8

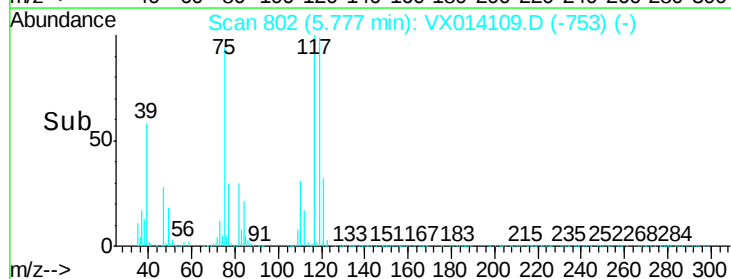
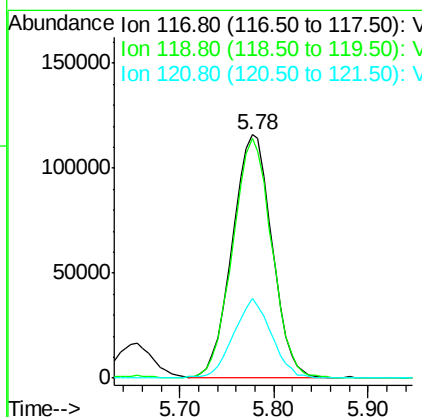
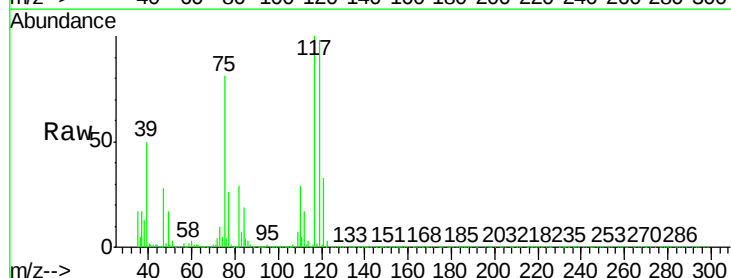
Manual Integrations
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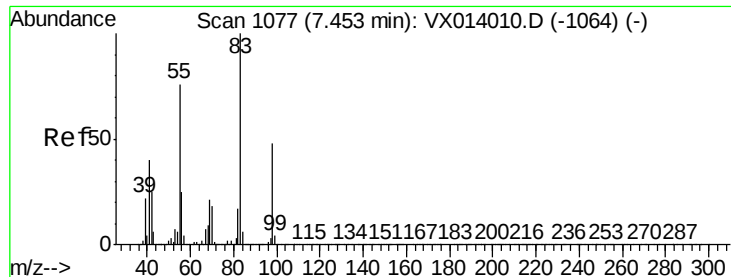
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#38
Carbon Tetrachloride
Concen: 49.765 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	117	Resp	339049
Ion Ratio	Lower	Upper	
117	100		
119	98.5	76.2	114.4
121	32.6	23.6	35.4





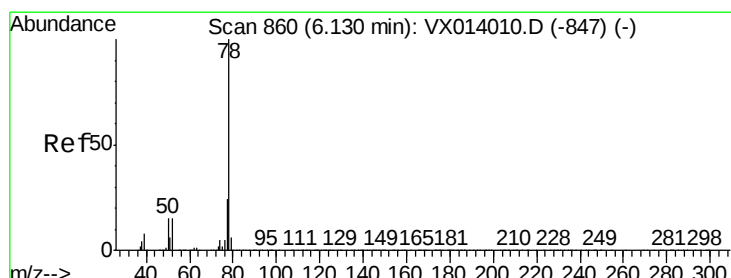
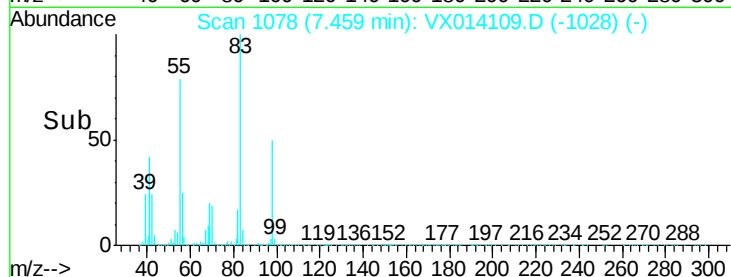
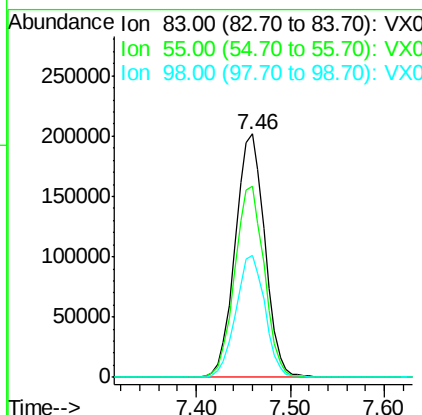
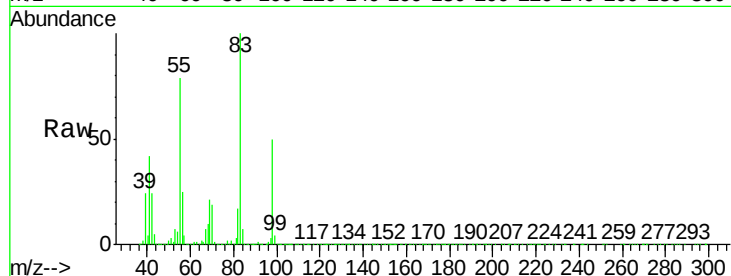
#39
Methvlcvclohexane
Concen: 47.985 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.0	91.6
98	50.1	38.6	57.8

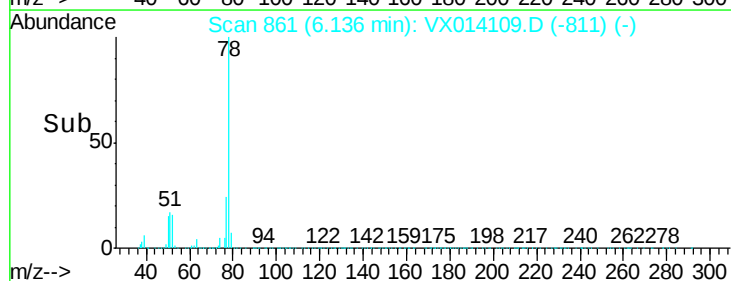
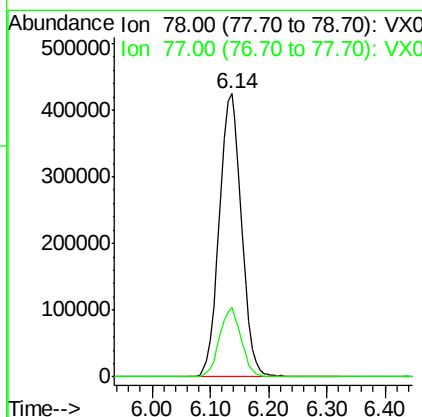
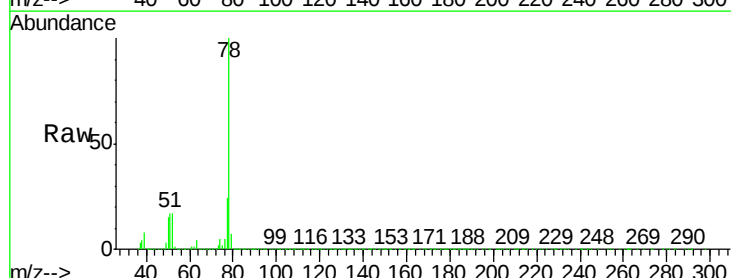
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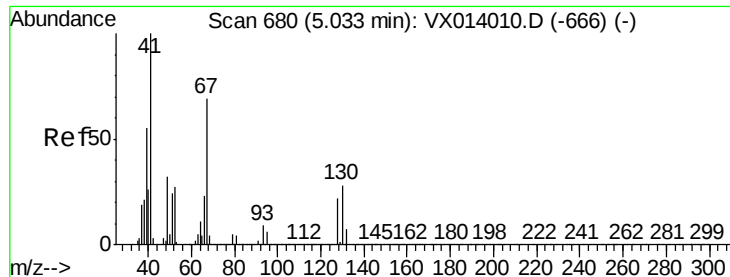
apatel
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#40
Benzene
Concen: 48.799 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





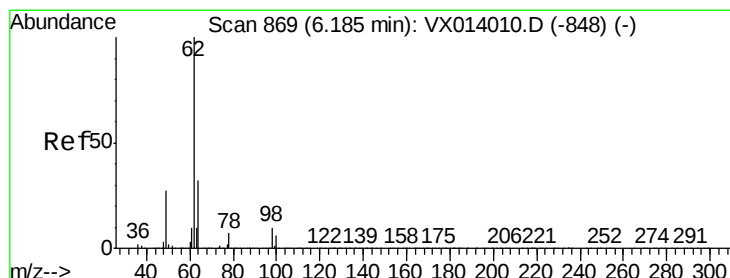
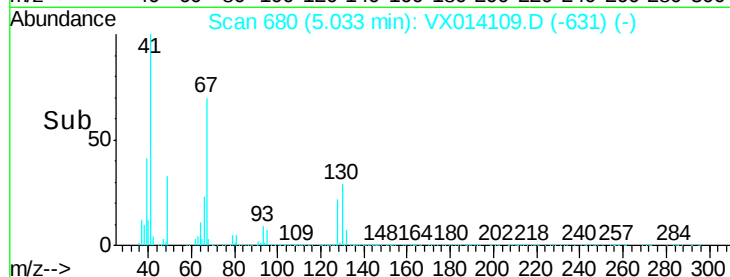
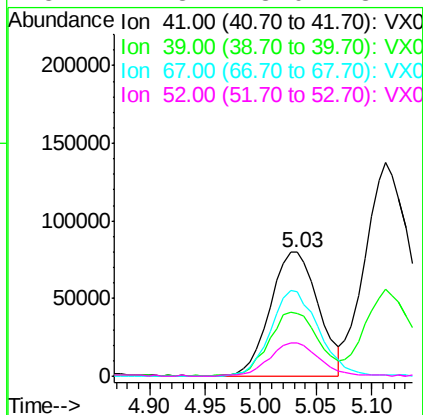
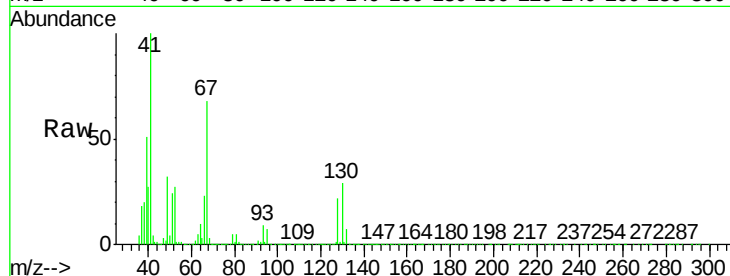
#41
Methacrylonitrile
Concen: 52.737 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		241656		
39	51.5	44.5	66.7		
67	68.8	57.4	86.0		
52	27.3	23.0	34.4		

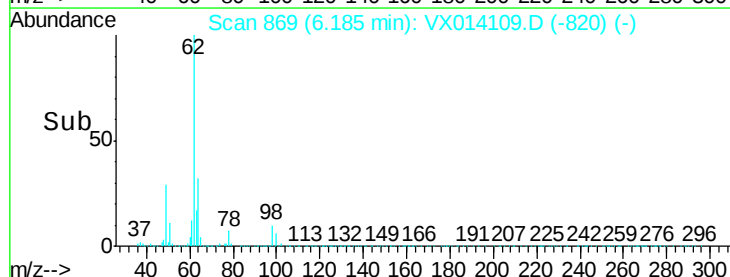
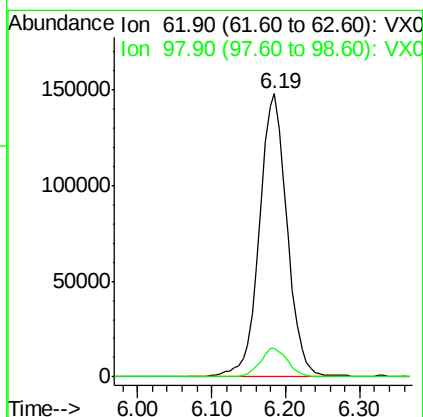
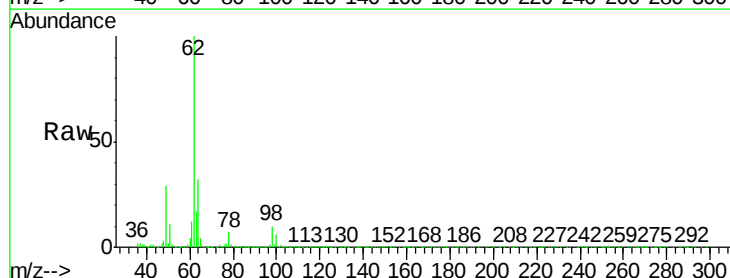
Manual Integrations
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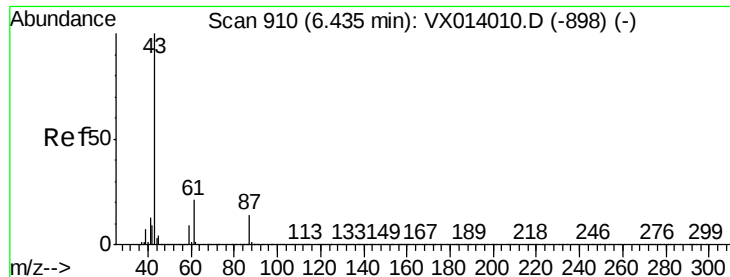
apatel
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#42
1,2-Dichloroethane
Concen: 49.375 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		385136		
98	10.2	0.0	21.0		





#43

Isopropyl Acetate

Concen: 51.233 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

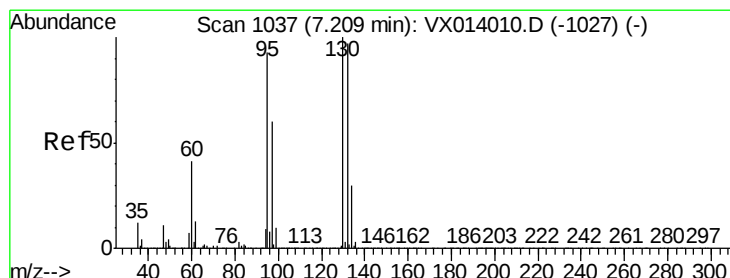
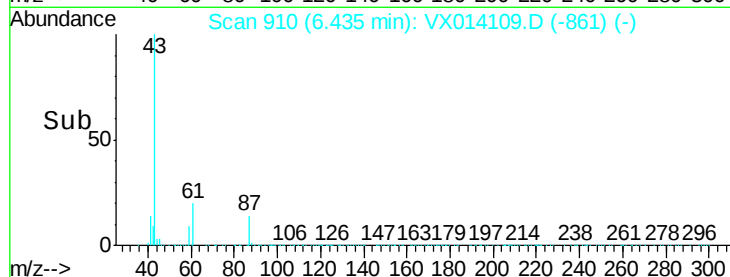
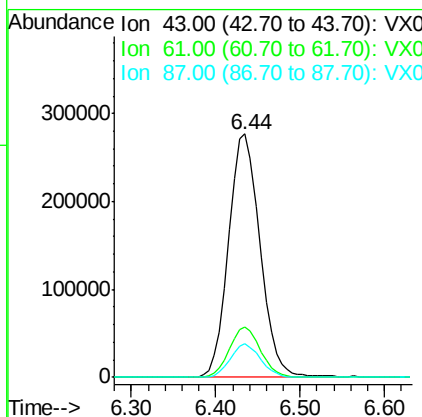
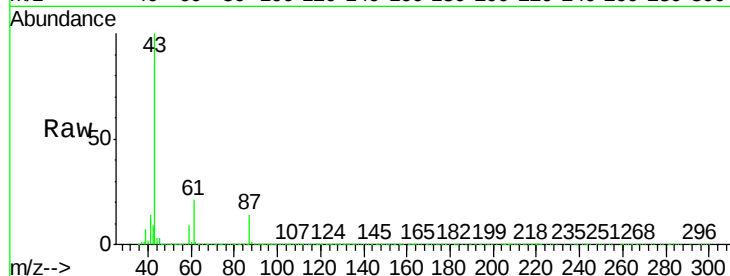
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	700223
Ion Ratio		Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.0	10.7	16.1

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#44

Trichloroethene

Concen: 47.215 ug/l

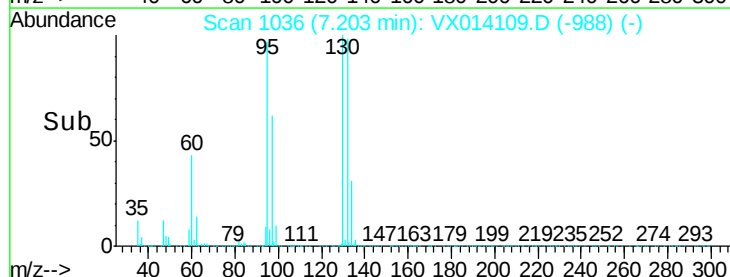
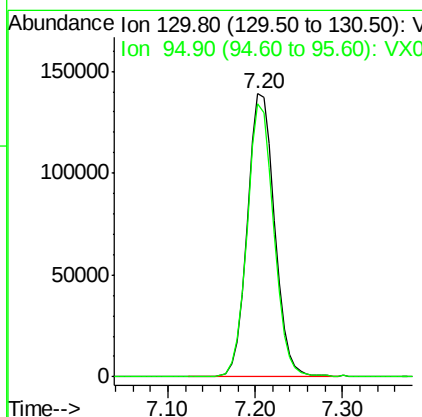
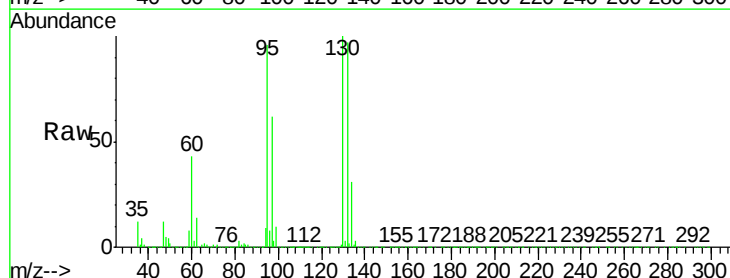
RT: 7.20 min Scan# 1036

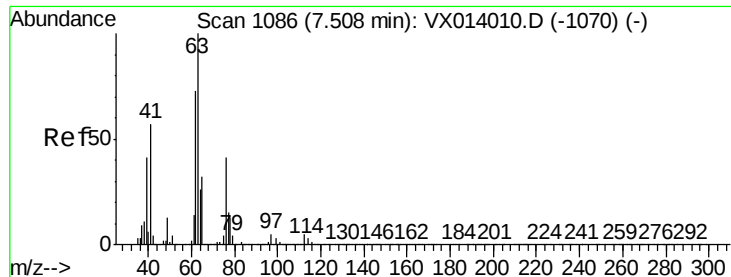
Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	130	Resp:	300094
Ion Ratio		Lower	Upper
130	100		
95	96.3	0.0	185.6





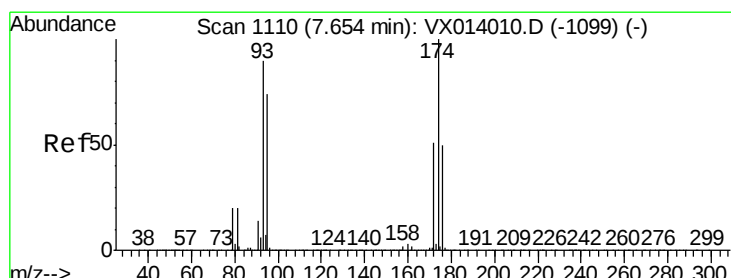
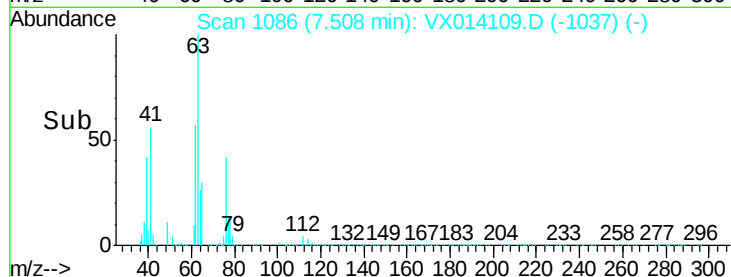
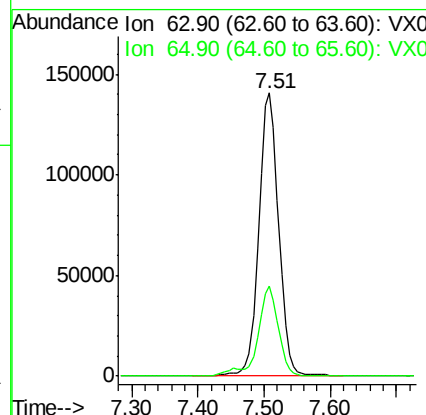
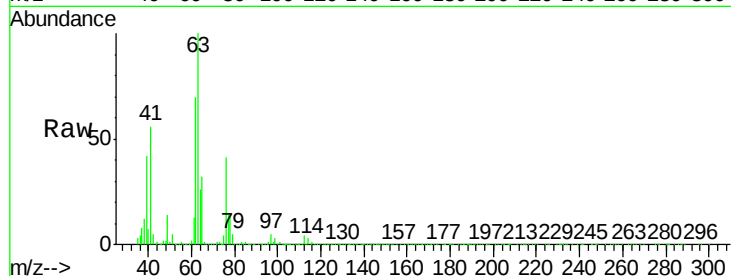
#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.8	38.8

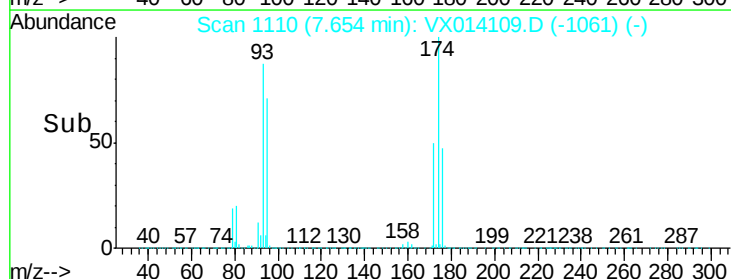
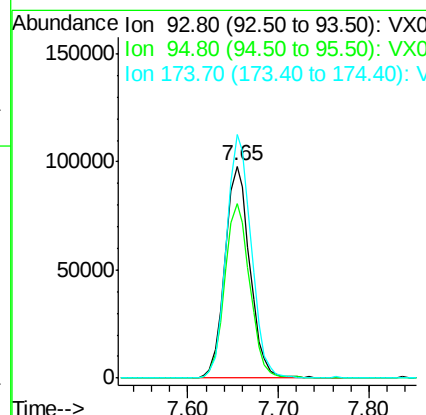
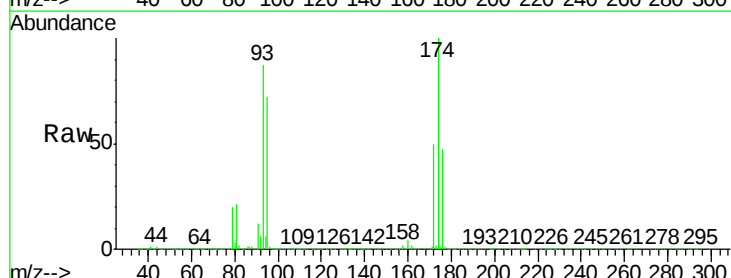
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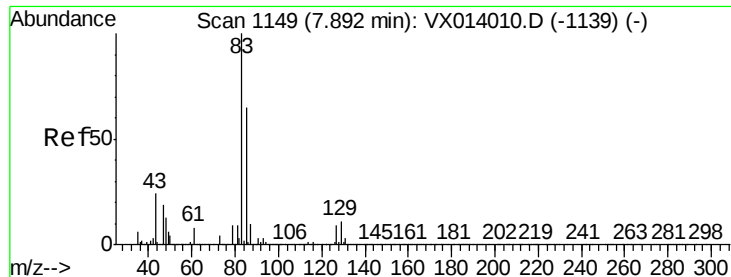
apatel
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#46
 Dibromomethane
 Concen: 47.916 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.3	100.9
174	115.0	91.6	137.4





#47

Bromodichloromethane

Concen: 50.354 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

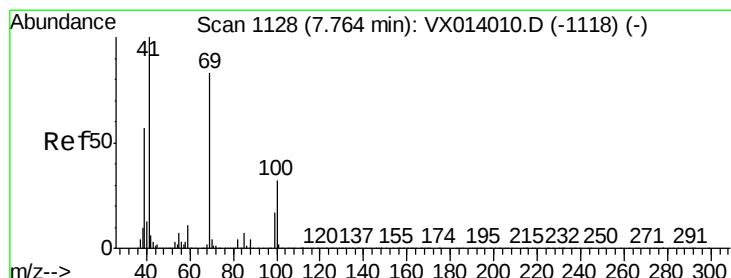
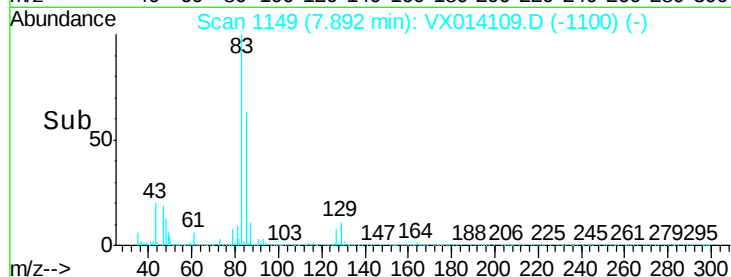
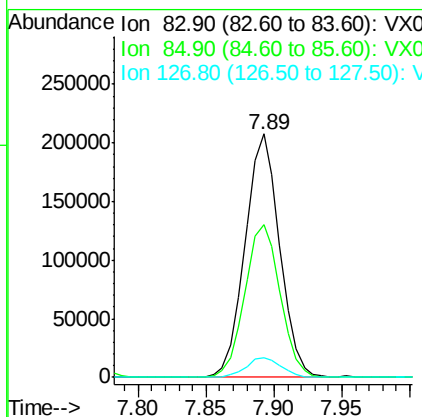
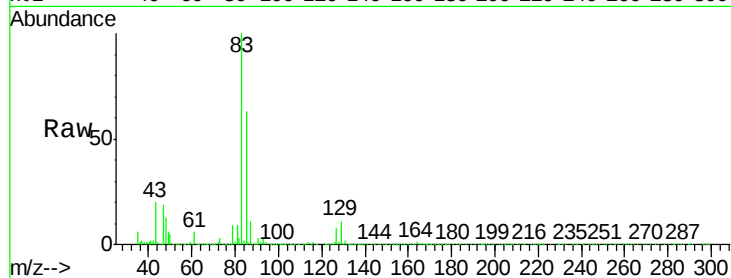
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	369798
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.8	77.8
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.556 ug/l

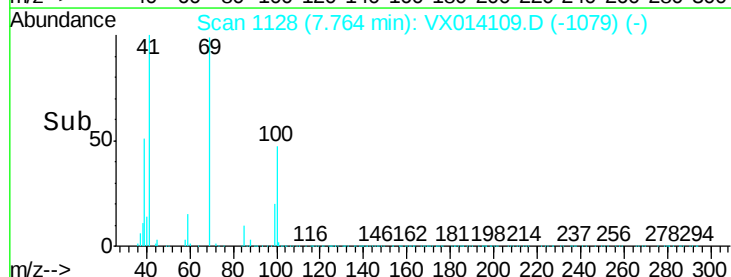
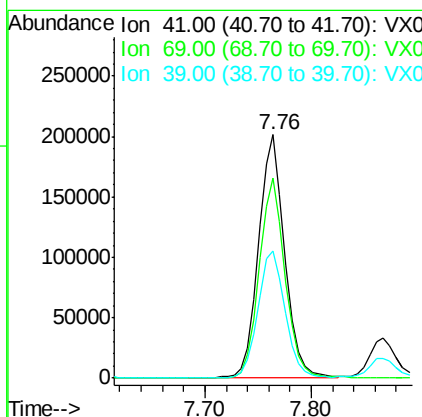
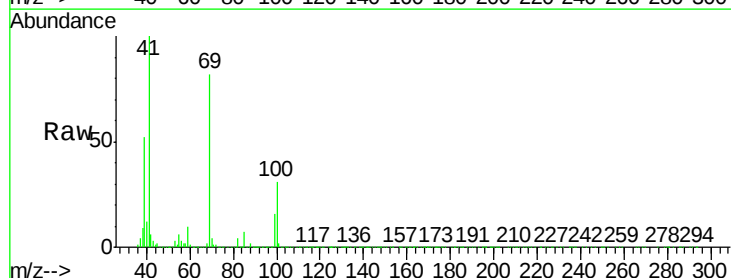
RT: 7.76 min Scan# 1128

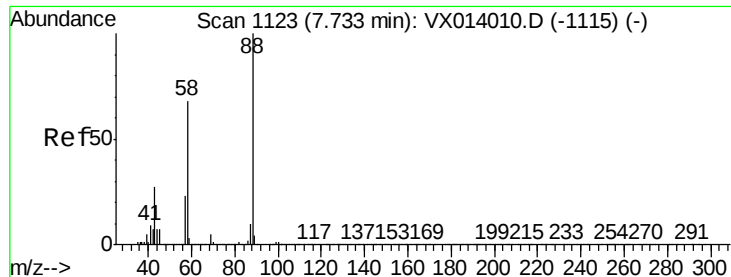
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	41	Resp:	345045
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.8	98.6
39	54.1	44.6	67.0





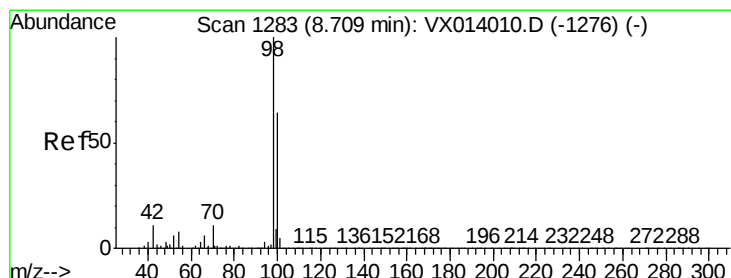
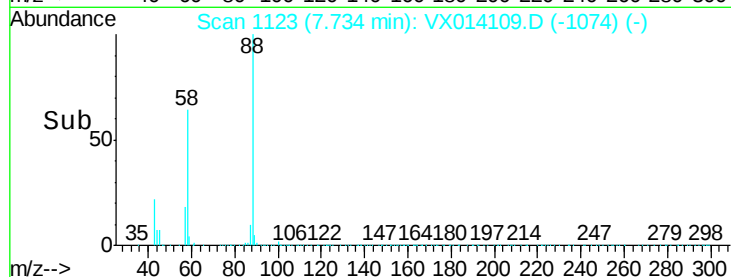
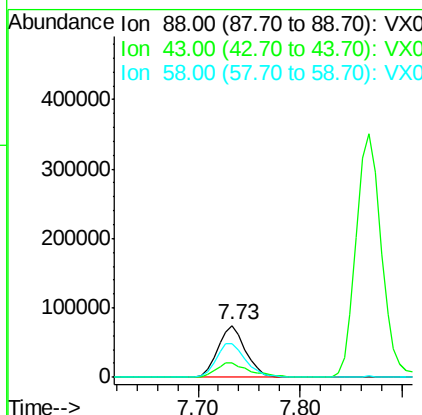
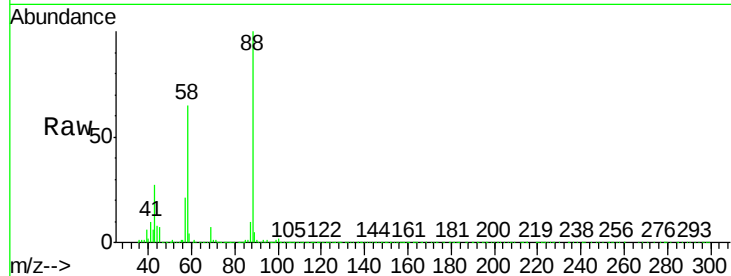
#49
1,4-Dioxane
Concen: 1028.388 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.5	39.7
58	70.6	56.8	85.2

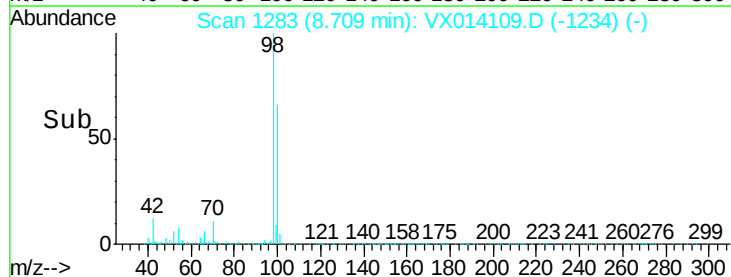
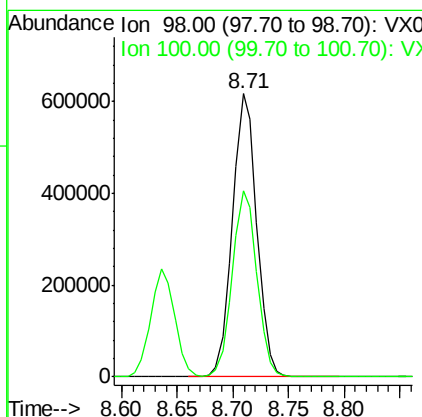
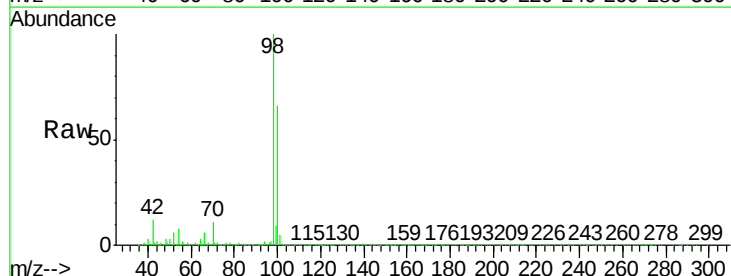
Manual Integrations
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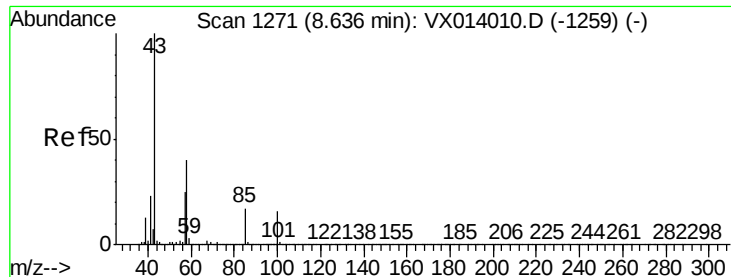
apatel
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#50
Toluene-d8
Concen: 48.357 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 259.053 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2223569

Ion Ratio Lower Upper

43 100

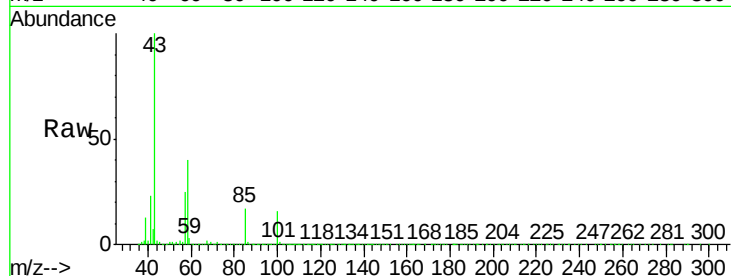
58 39.9 32.2 48.2

Manual Integrations

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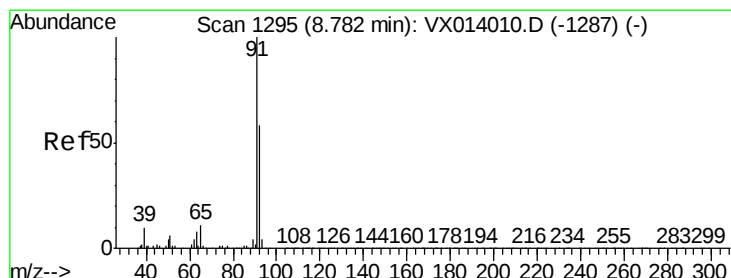
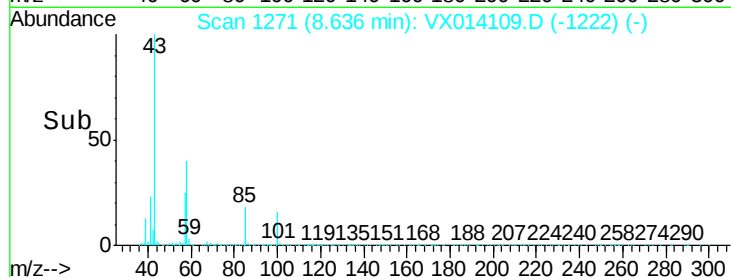
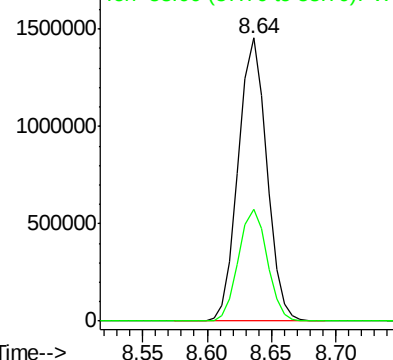
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.493 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014109.D

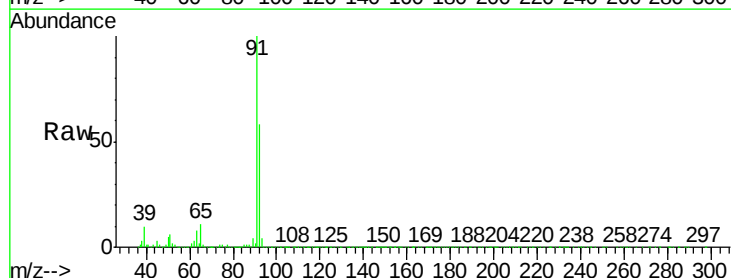
Acq: 18 Dec 2019 20:04

Tgt Ion: 92 Resp: 705311

Ion Ratio Lower Upper

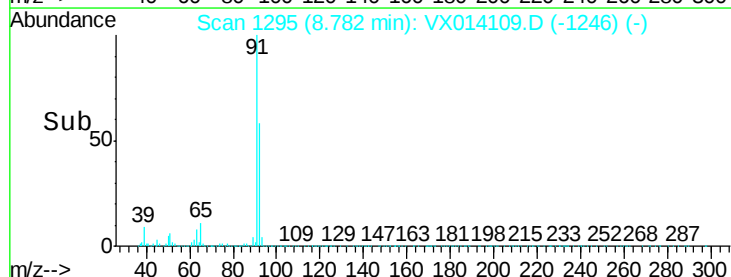
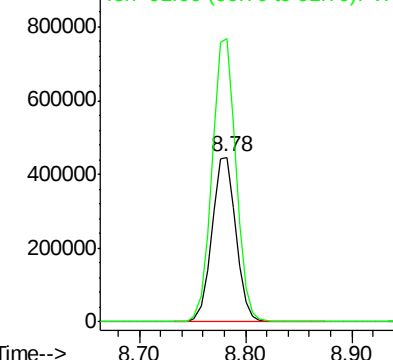
92 100

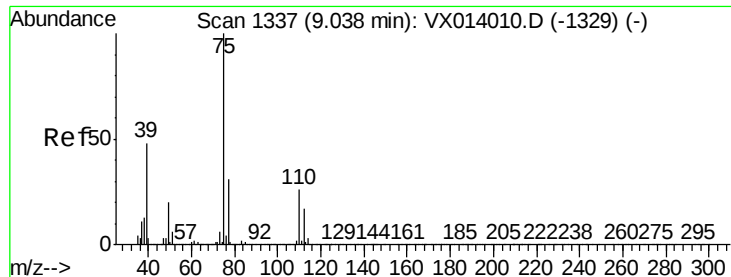
91 171.3 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





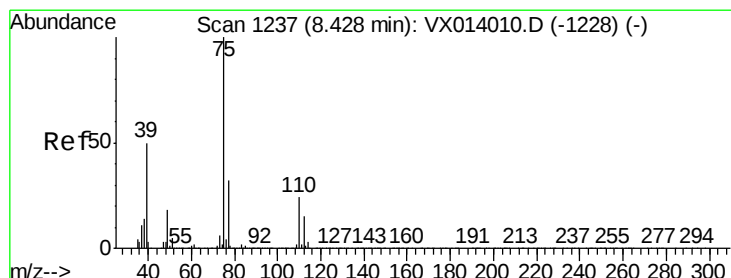
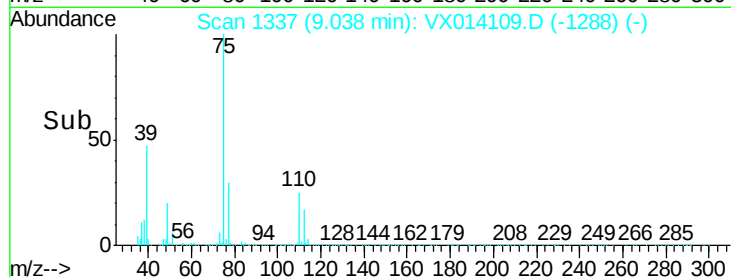
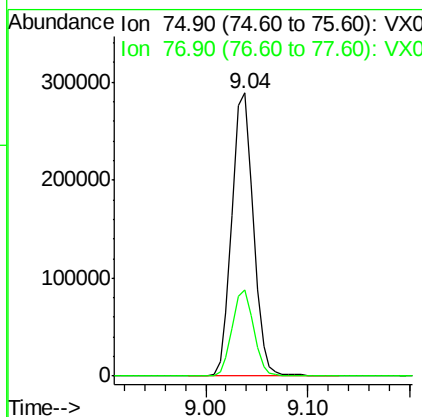
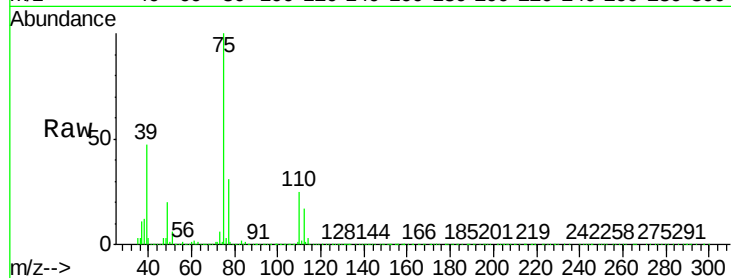
#53
t-1,3-Dichloropropene
Concen: 51.897 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.1	37.7

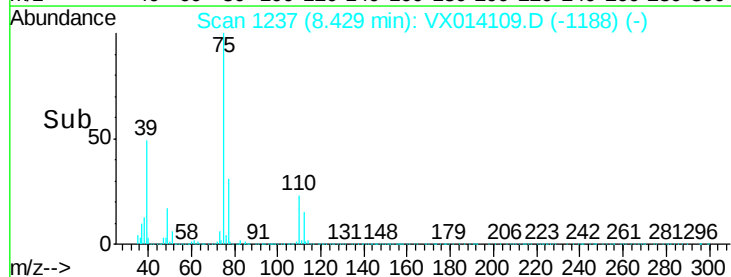
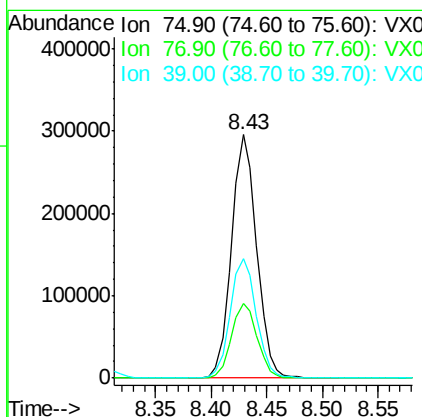
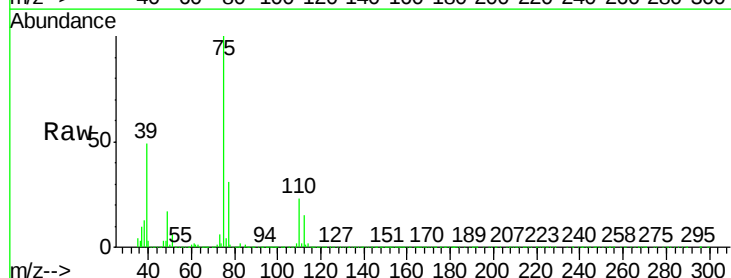
Manual Integrations
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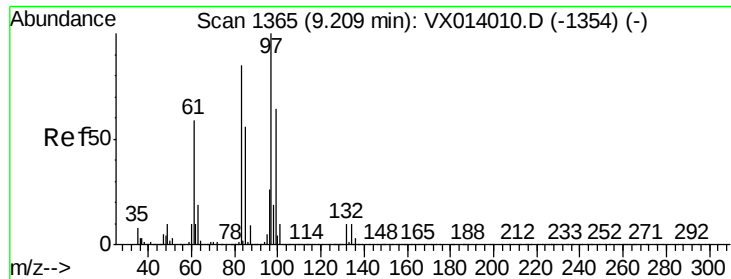
apatel
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#54
cis-1,3-Dichloropropene
Concen: 51.477 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	48.9	39.9	59.9





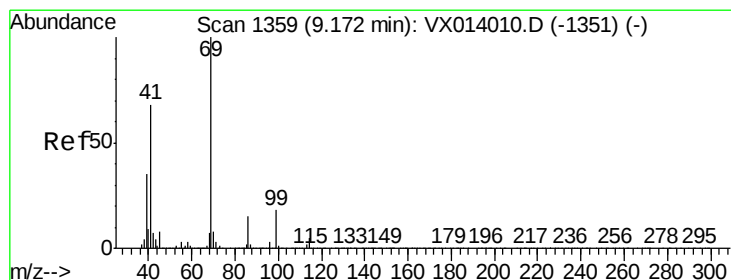
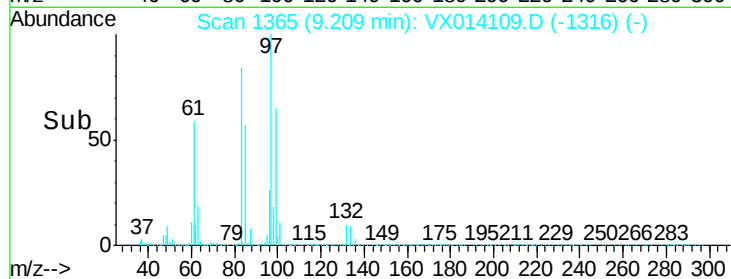
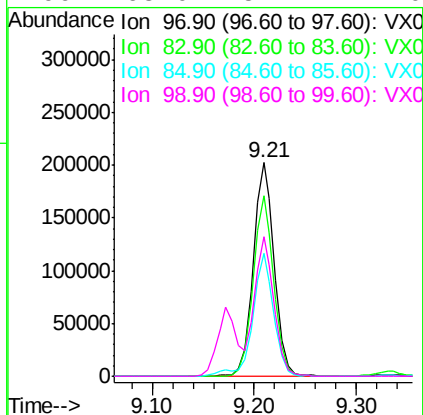
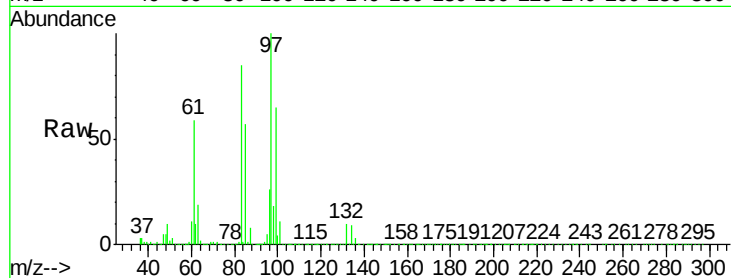
#55
 1,1,2-Trichloroethane
 Concen: 50.031 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		291648		
83	84.4	68.2	102.4		
85	57.2	44.6	66.8		
99	65.0	51.4	77.0		

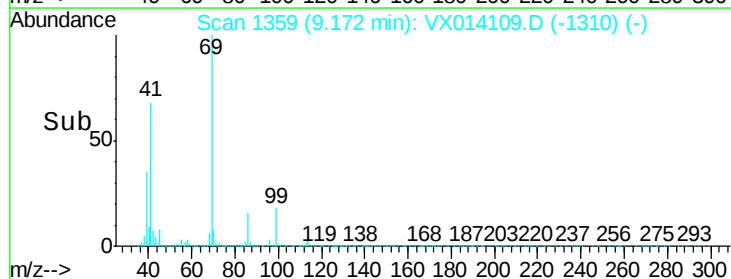
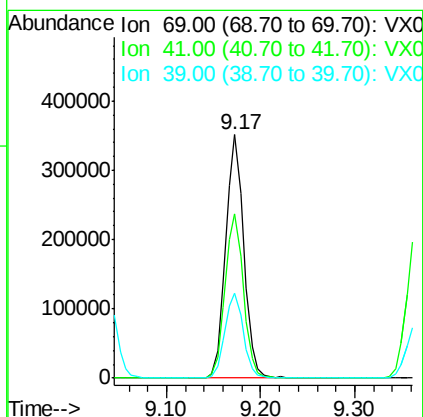
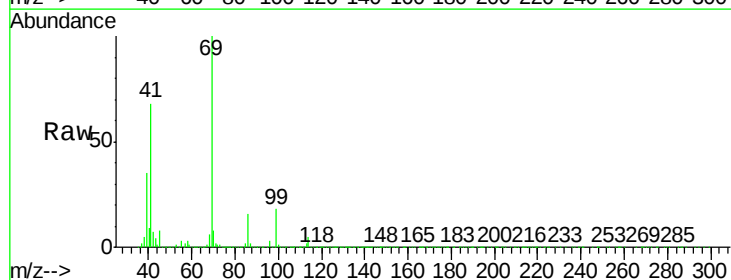
Manual Integrations
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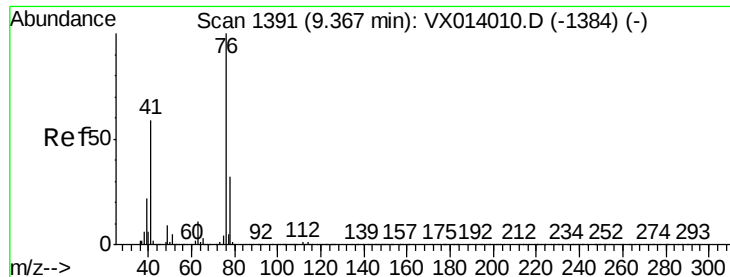
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#56
 Ethyl methacrylate
 Concen: 51.286 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		469616		
41	68.4	54.8	82.2		
39	35.3	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 49.915 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 489552

Ion Ratio Lower Upper

76 100

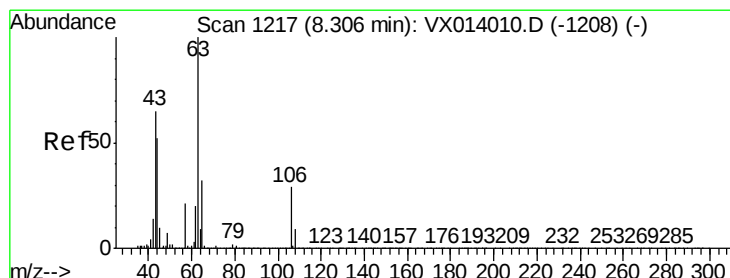
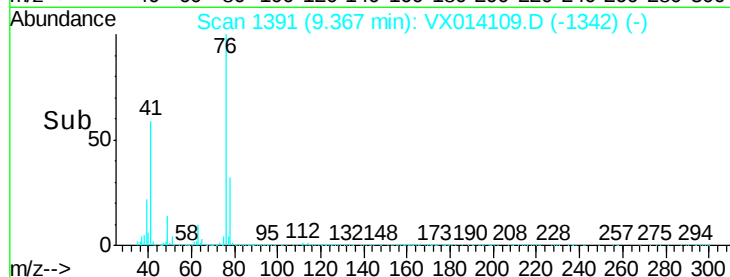
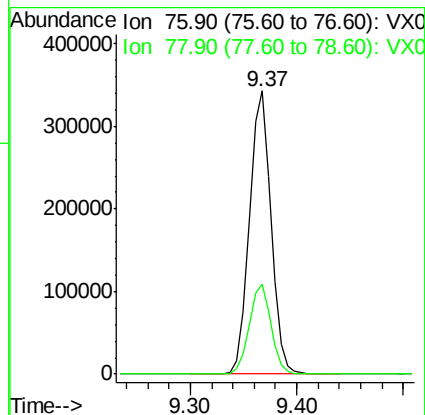
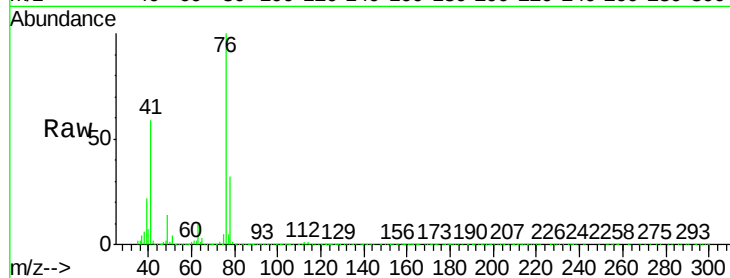
78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 263.786 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014109.D

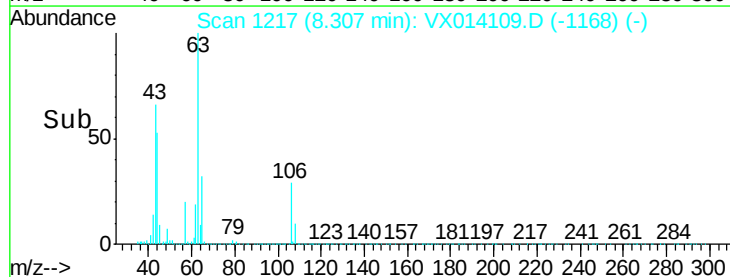
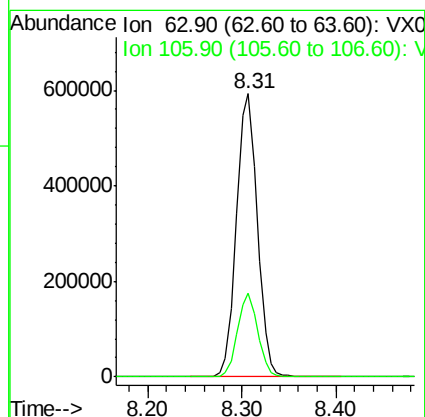
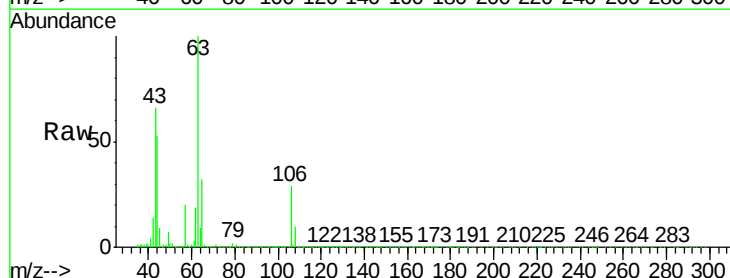
Acq: 18 Dec 2019 20:04

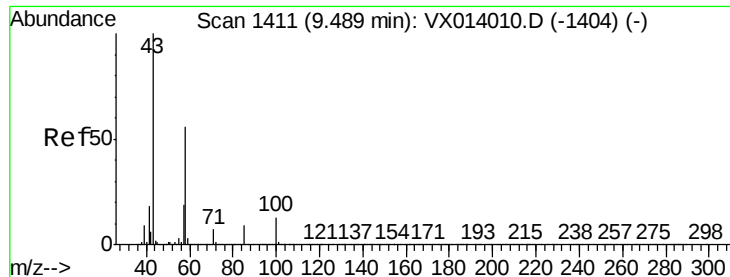
Tgt Ion: 63 Resp: 914095

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





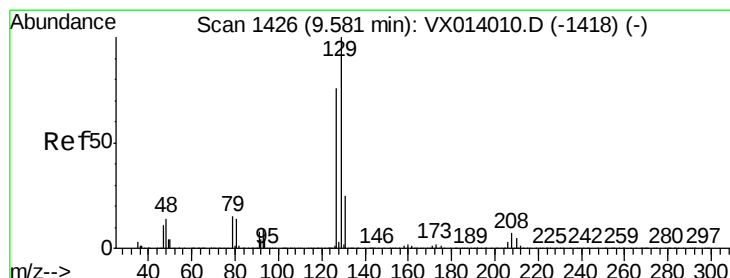
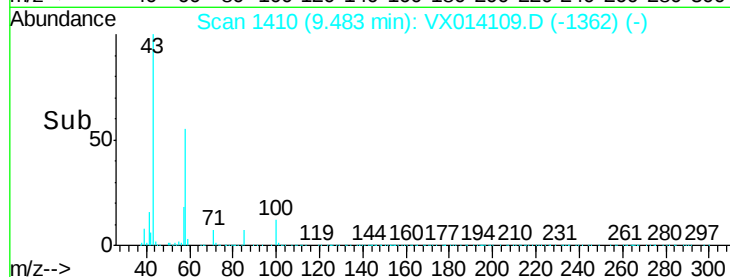
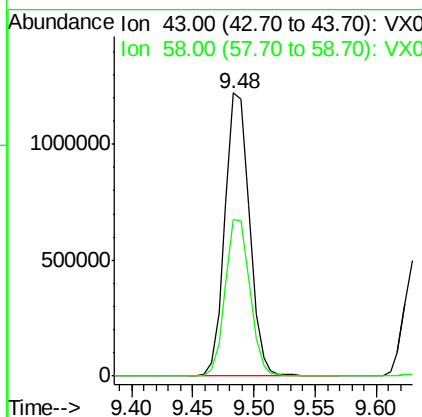
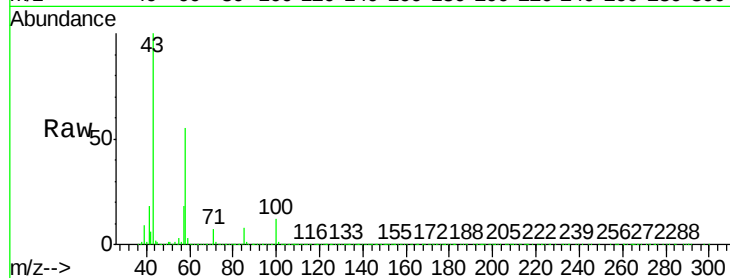
#59
2-Hexanone
Concen: 245.797 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1698385
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

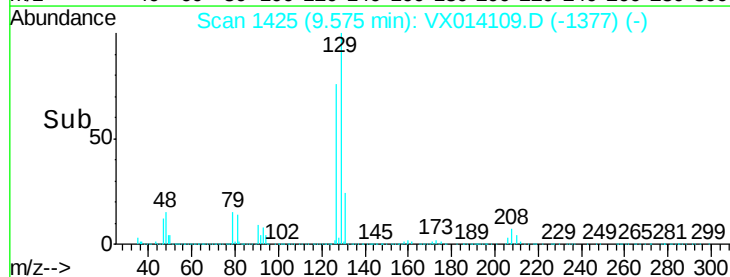
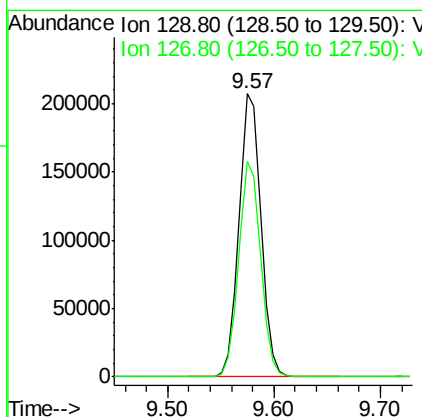
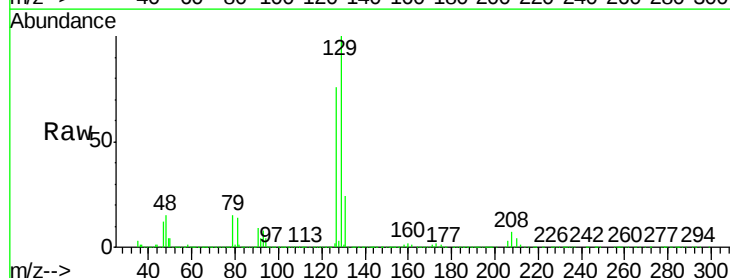
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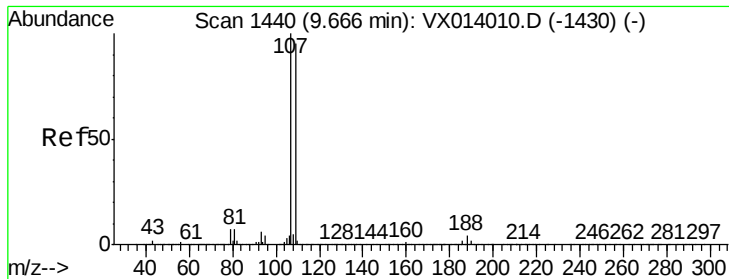
apatel
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#60
Dibromochloromethane
Concen: 52.092 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 129 Resp: 301840
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.081 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 298696

Ion Ratio Lower Upper

107 100

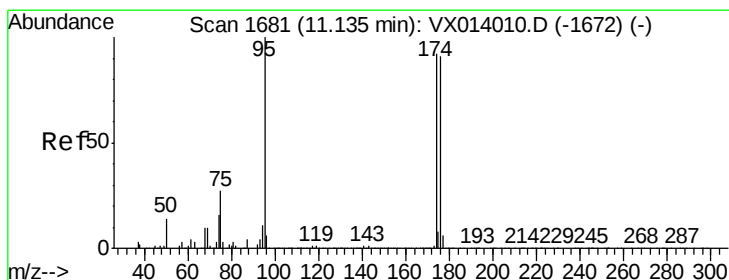
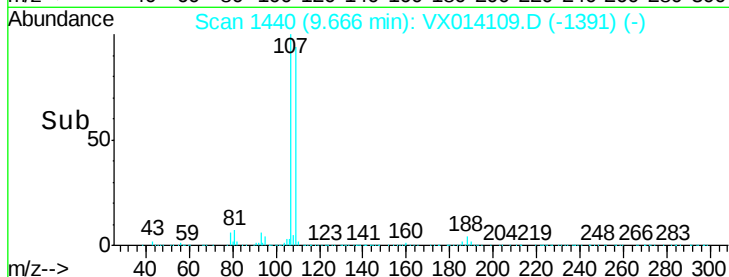
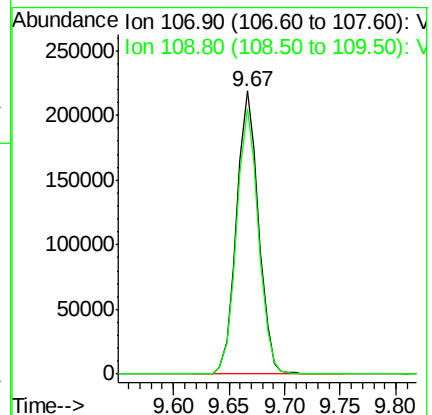
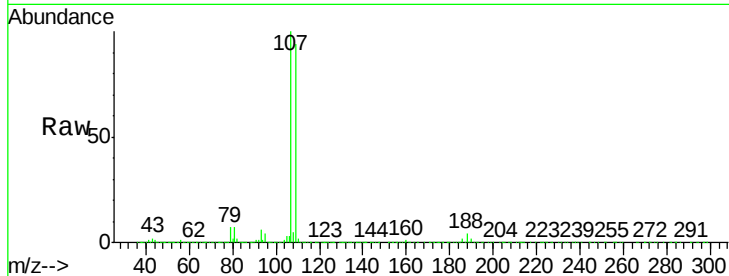
109 93.8 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.950 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

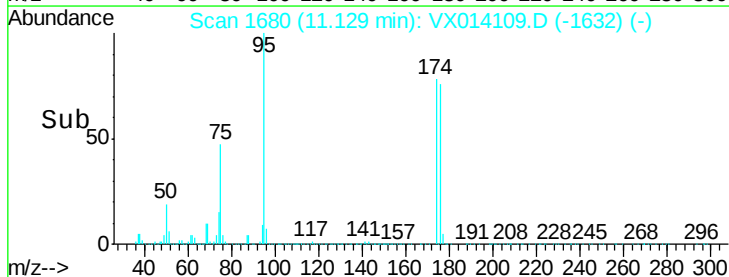
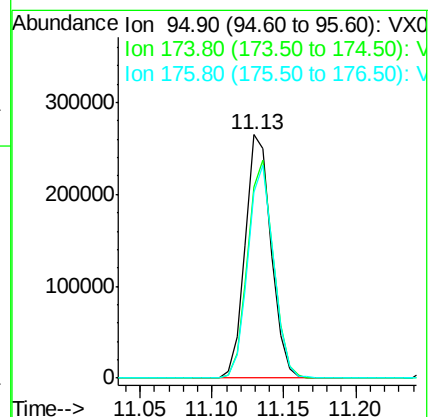
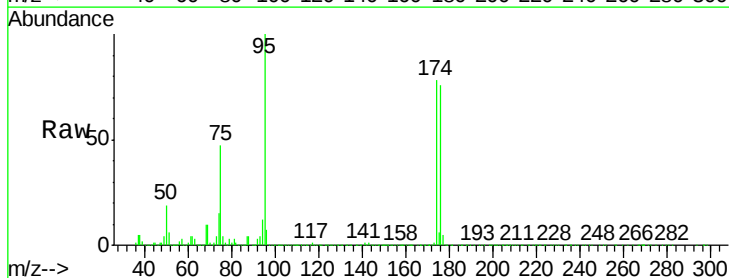
Tgt Ion: 95 Resp: 331056

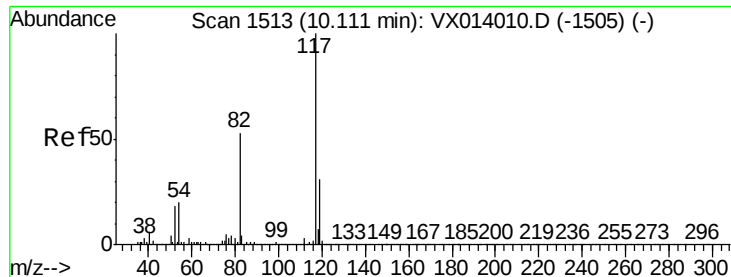
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

176 86.3 0.0 173.0





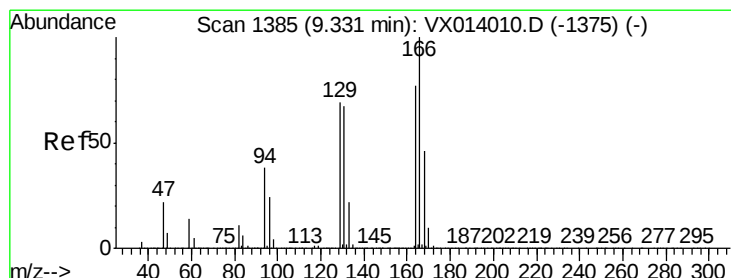
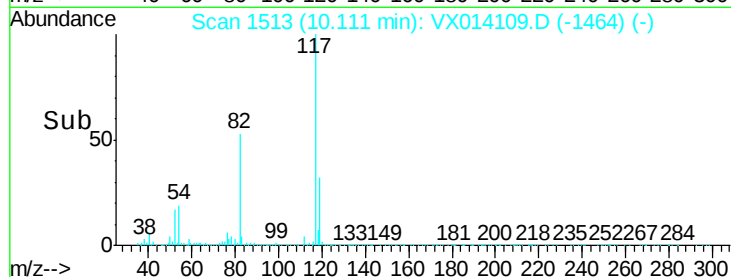
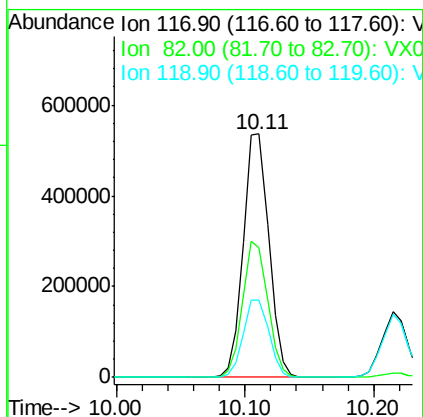
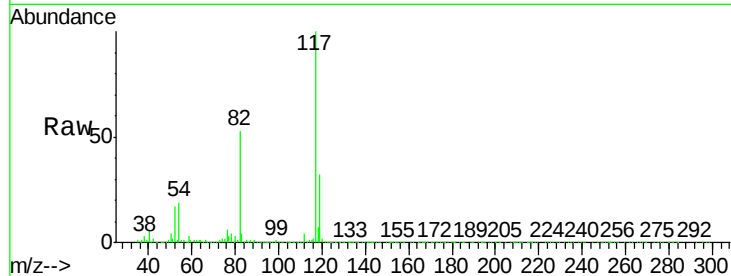
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.2	63.4
119	31.9	25.1	37.7

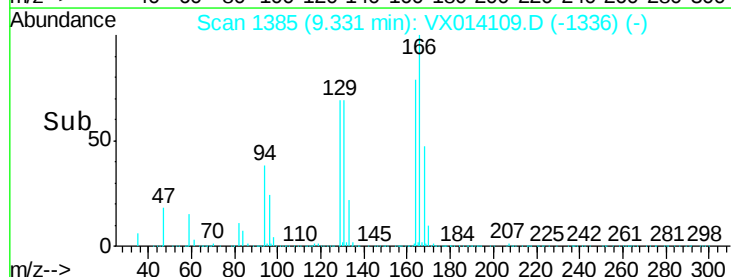
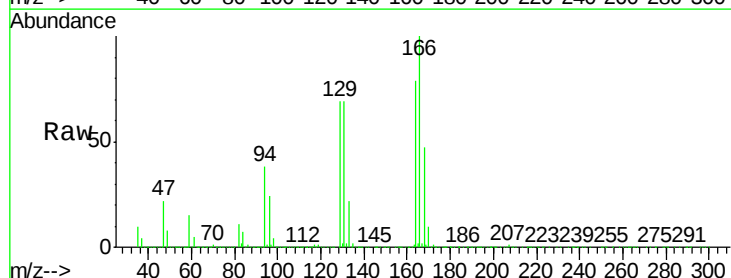
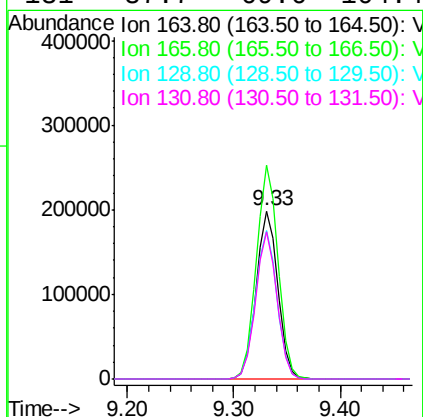
Manual Integrations
APPROVED

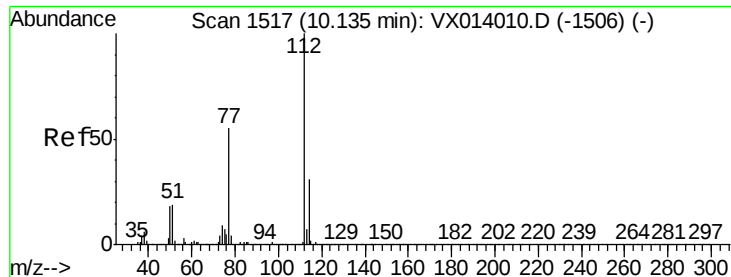
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#64
Tetrachloroethene
Concen: 43.696 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	88.1	72.2	108.4
131	87.7	69.6	104.4





#65

Chlorobenzene

Concen: 47.748 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 748493

Ion Ratio Lower Upper

112 100

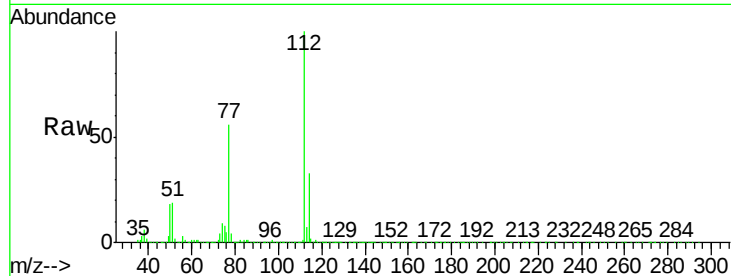
114 32.8 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

500000

400000

300000

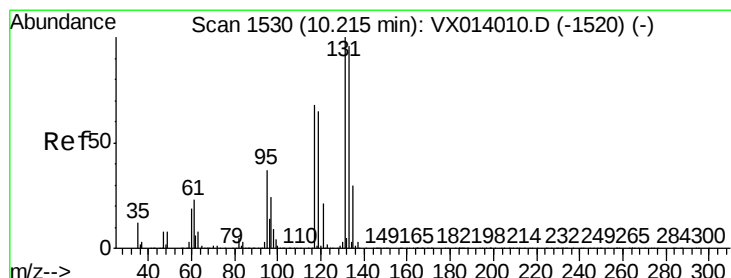
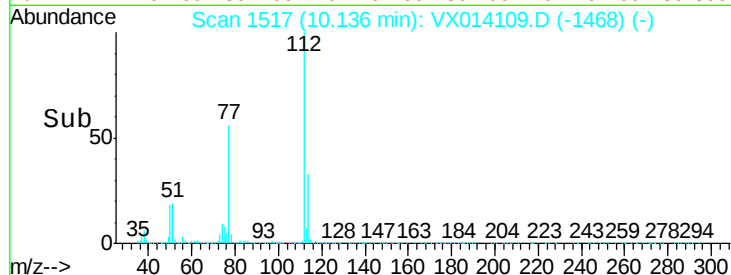
200000

100000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.072 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

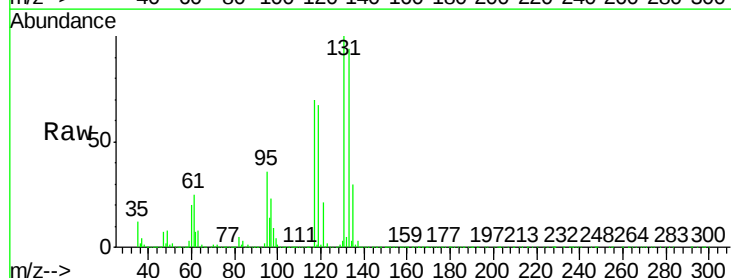
Tgt Ion:131 Resp: 280263

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

119 66.7 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

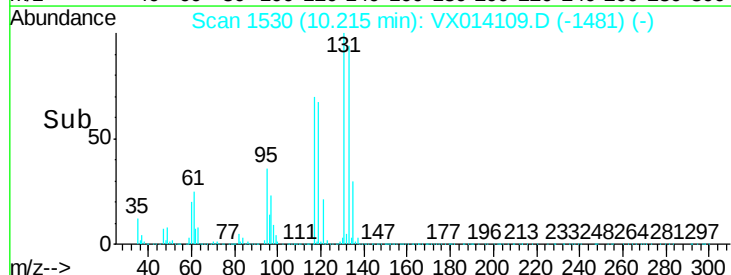
100000

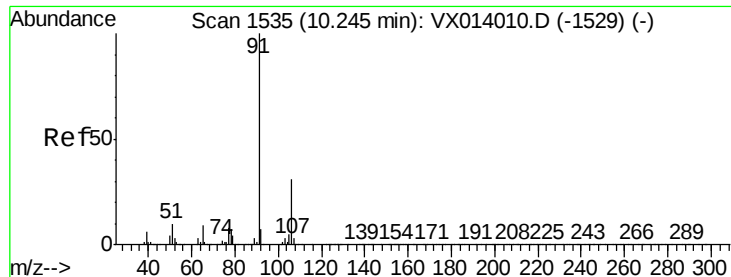
50000

0

10.10 10.21 10.30

Time-->





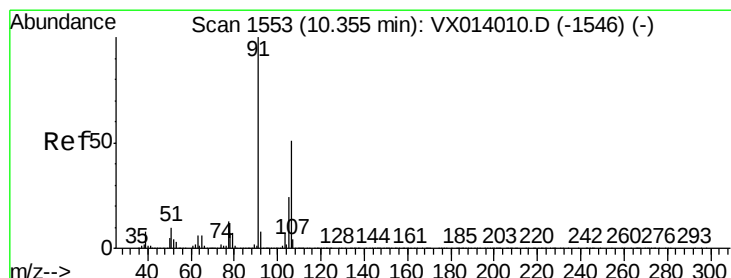
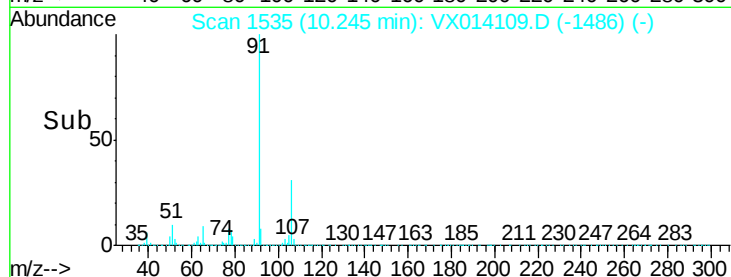
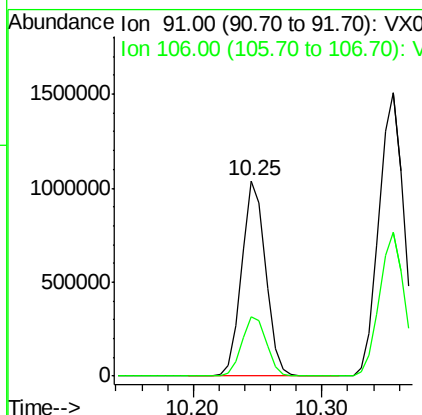
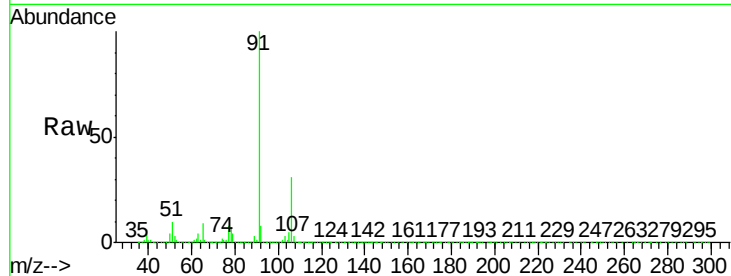
#67
Ethyl Benzene
Concen: 49.248 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1327274
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

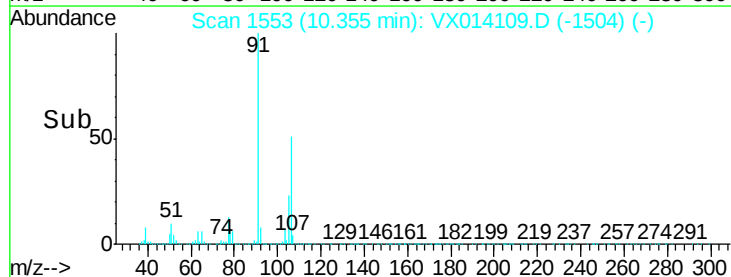
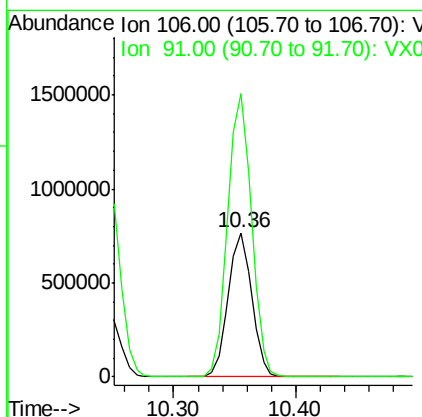
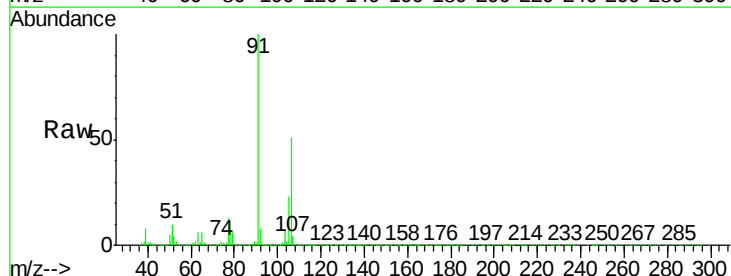
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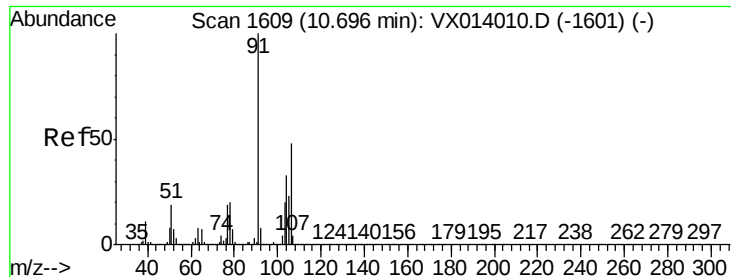
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#68
m/p-Xylenes
Concen: 98.295 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 106 Resp: 1018895
Ion Ratio Lower Upper
106 100
91 198.8 158.6 238.0





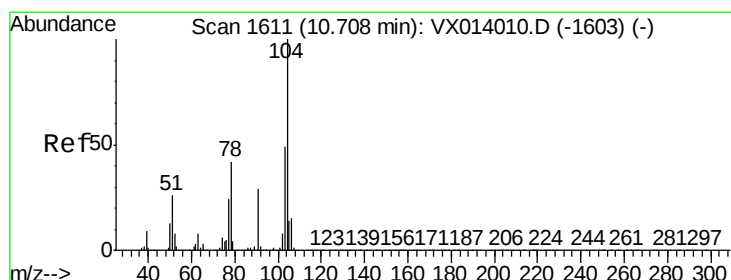
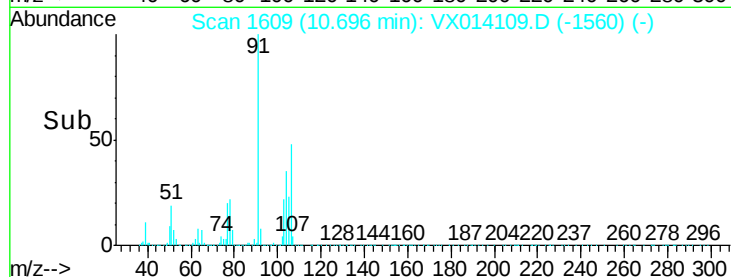
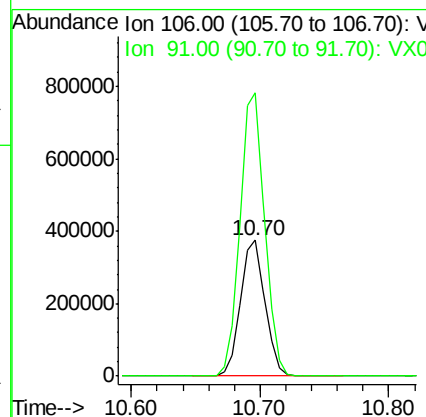
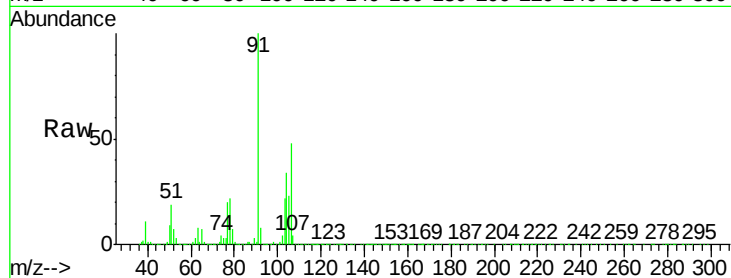
#69
o-Xylene
Concen: 48.535 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.2	312.6

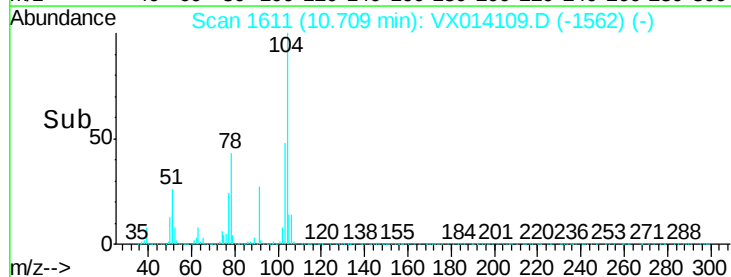
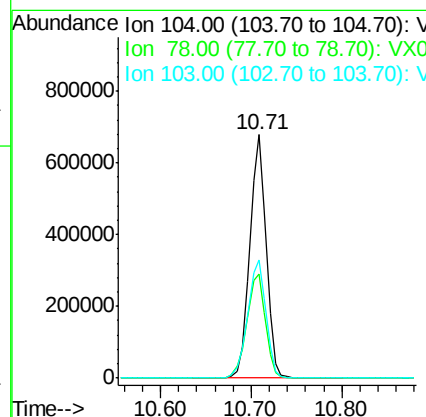
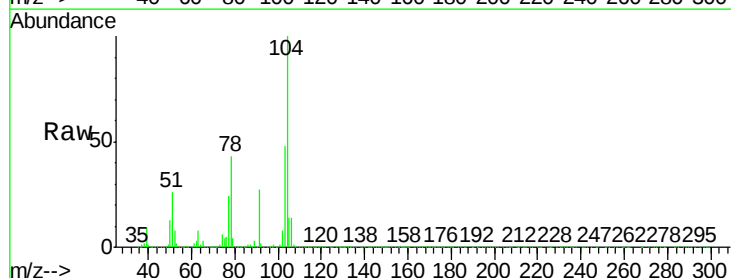
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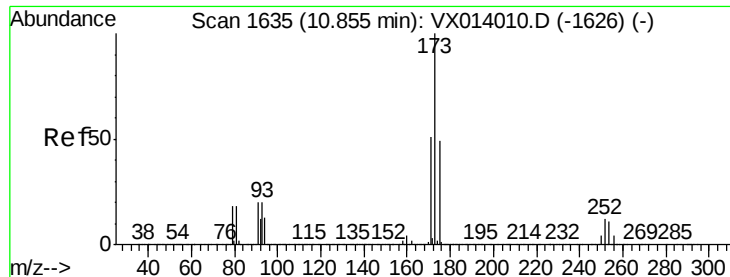
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#70
Styrene
Concen: 49.361 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	54.2	42.9	64.3





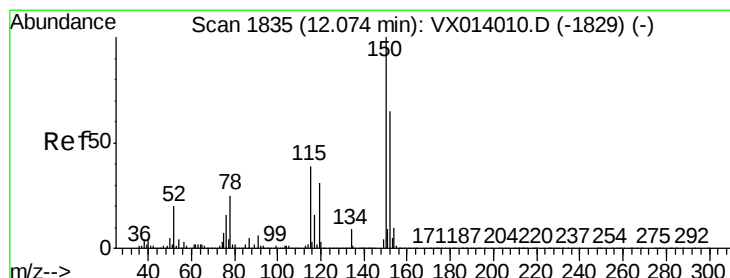
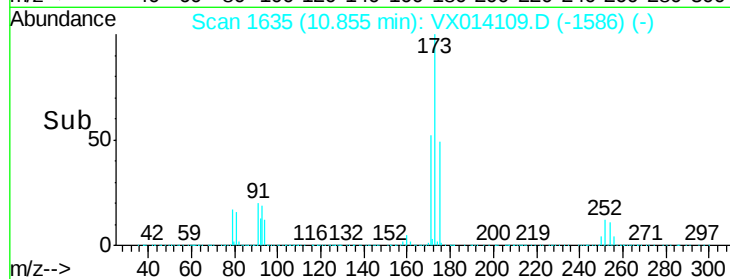
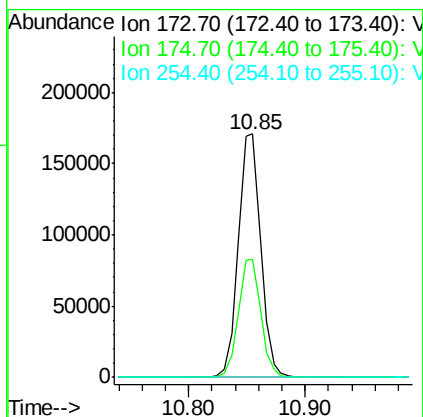
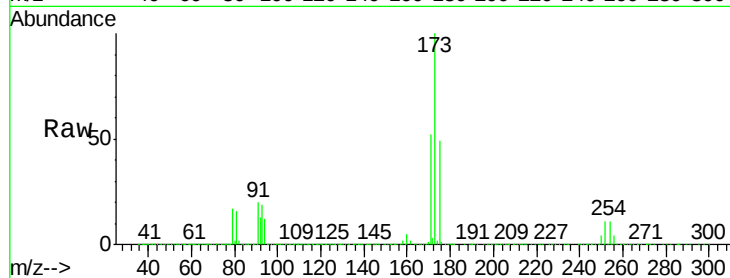
#71
Bromoform
Concen: 51.233 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.2	0.2	0.2

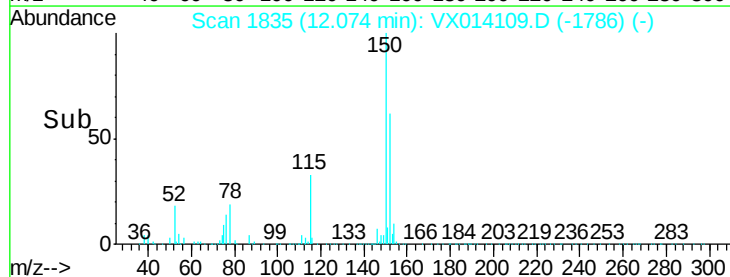
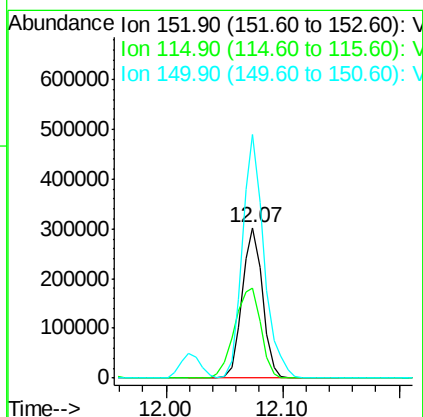
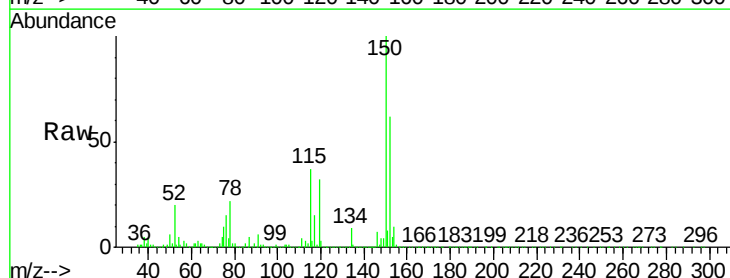
Manual Integrations
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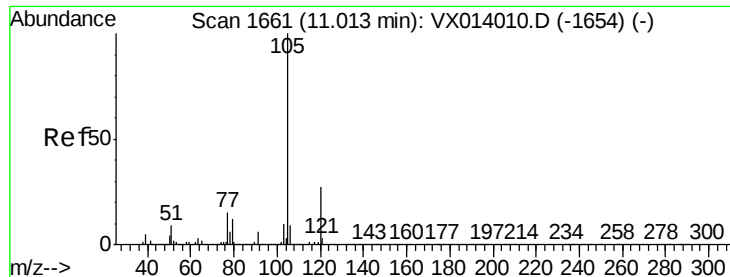
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.3	114.9
150	173.0	0.0	345.4





#73

Isopropylbenzene

Concen: 50.592 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1307081

Ion Ratio Lower Upper

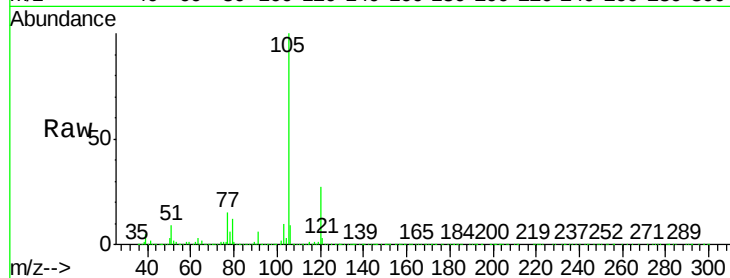
105 100

120 26.4 13.5 40.4

Manual Integrations
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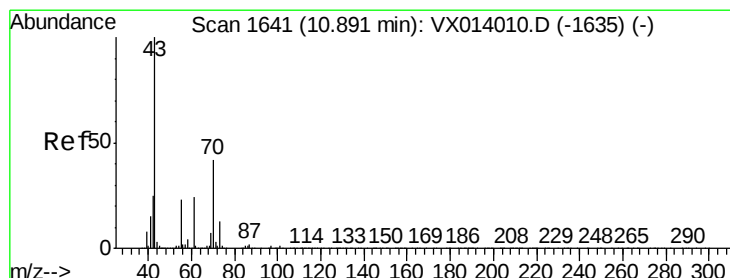
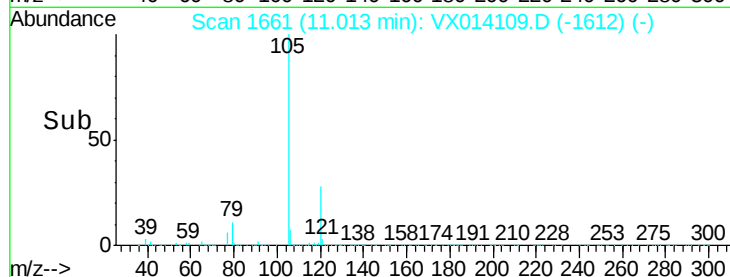
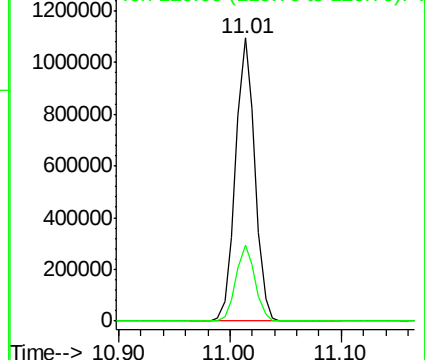
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.147 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion: 43 Resp: 619408

Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.2 19.1 28.7

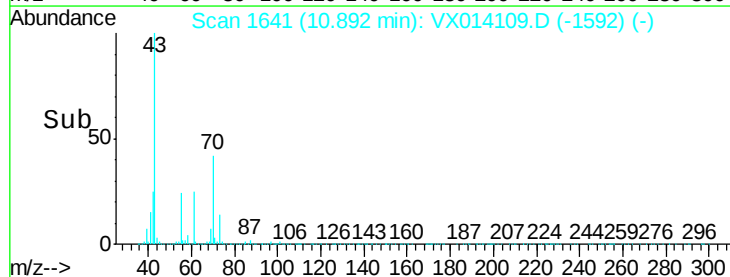
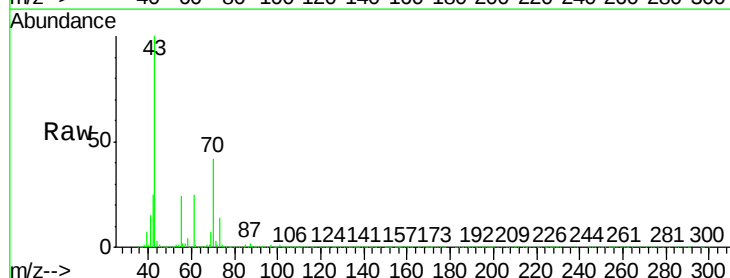
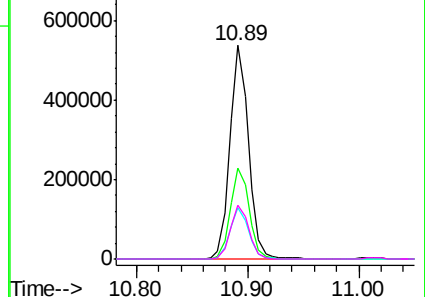
61 25.0 19.7 29.5

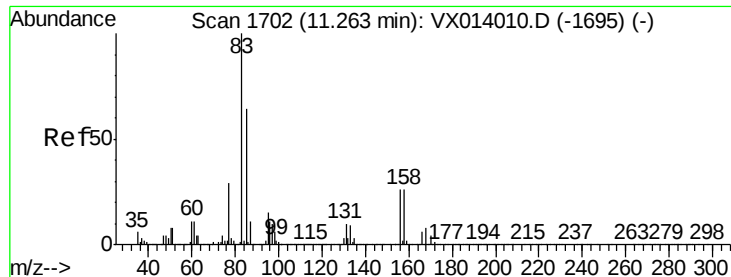
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.301 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

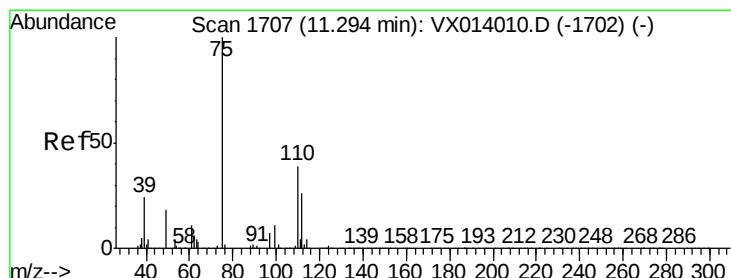
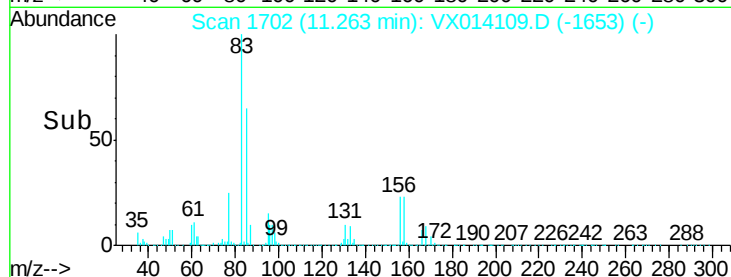
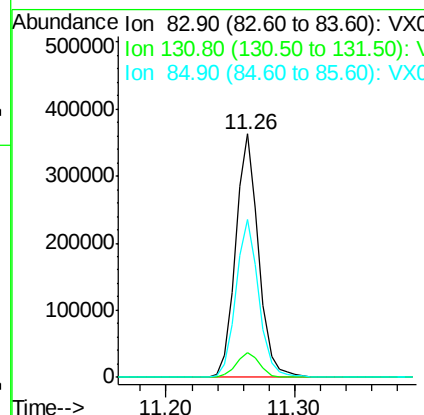
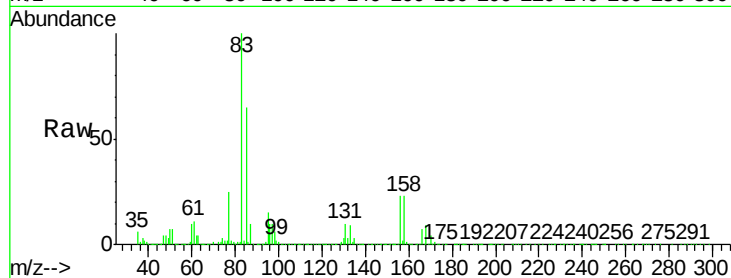
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	450552
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.2
85	65.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.573 ug/l m

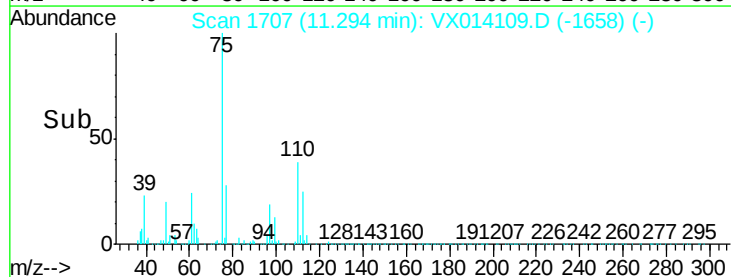
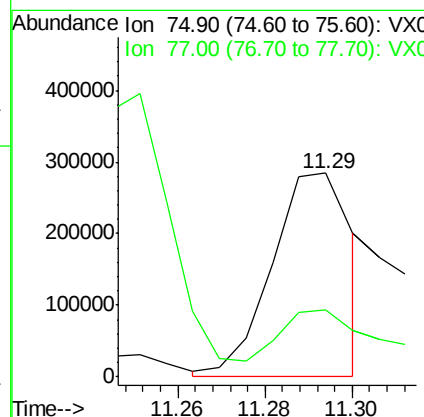
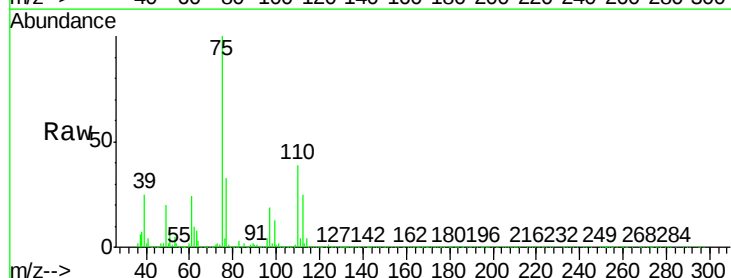
RT: 11.29 min Scan# 1707

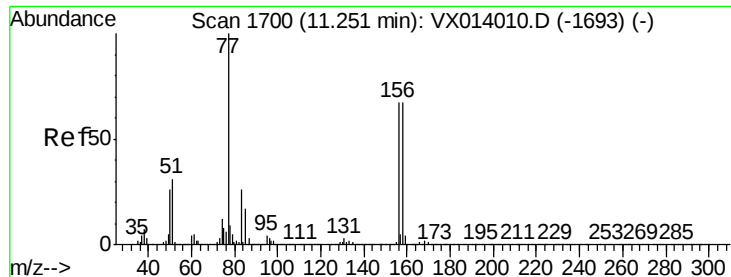
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	75	Resp:	363048
Ion Ratio	Lower	Upper	
75	100		
77	43.6	19.3	57.8





#77

Bromobenzene

Concen: 46.896 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

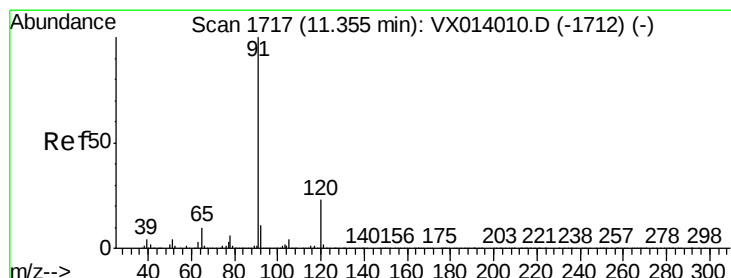
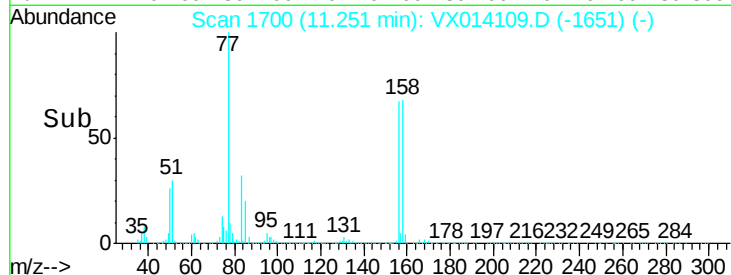
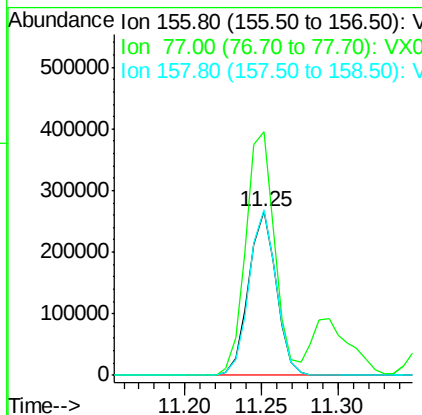
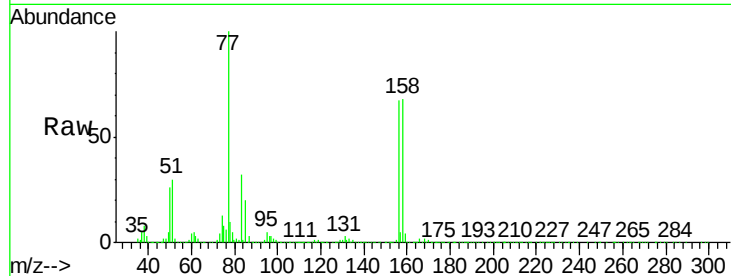
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	333351
Ion Ratio	Lower	Upper	
156	100		
77	156.2	76.5	229.5
158	99.9	49.3	147.9

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#78

n-propylbenzene

Concen: 50.974 ug/l

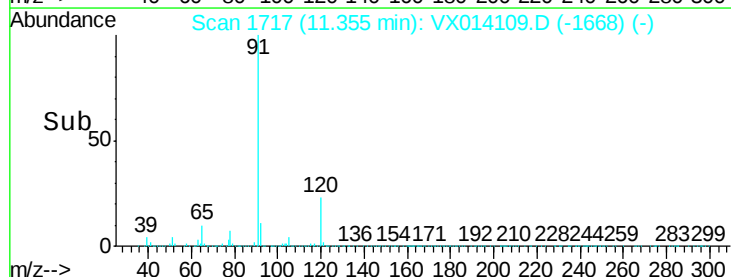
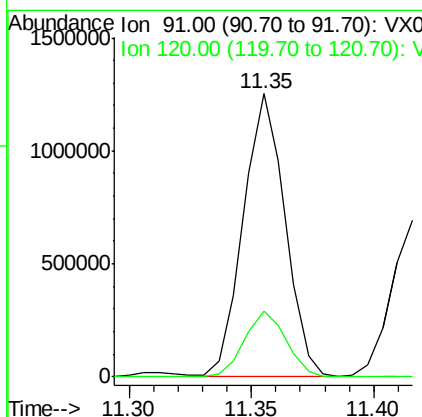
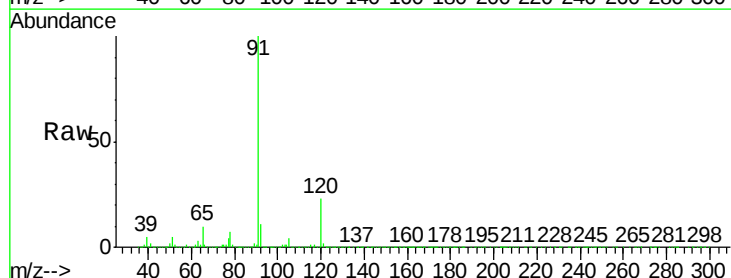
RT: 11.35 min Scan# 1717

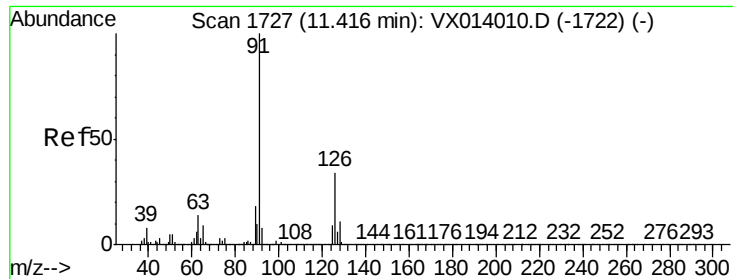
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	91	Resp:	1477197
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.073 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 864455

Ion Ratio Lower Upper

91 100

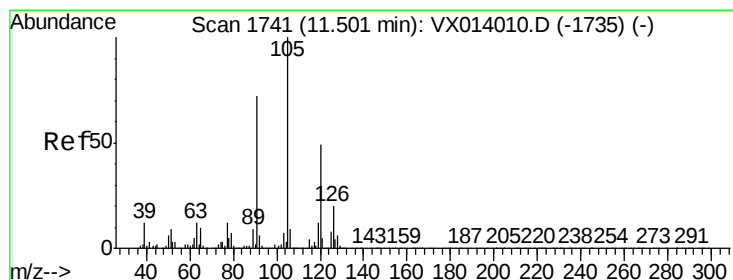
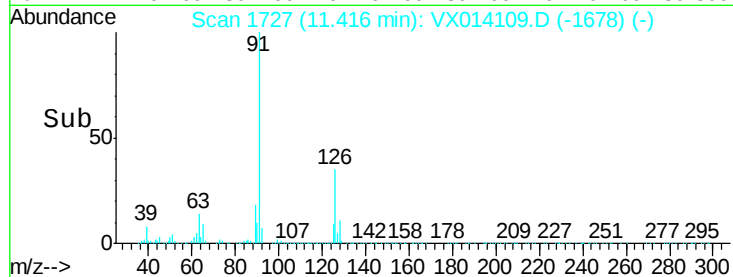
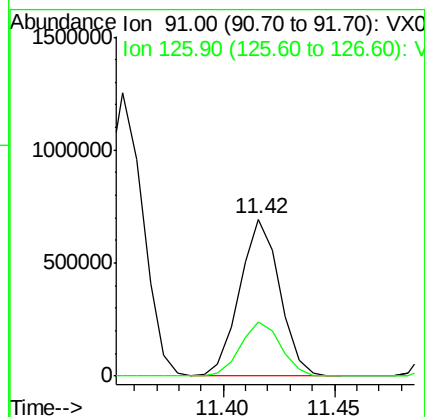
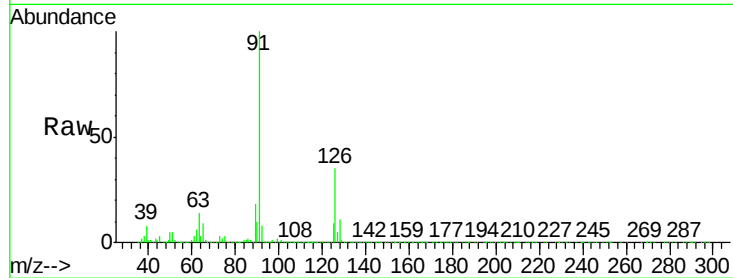
126 35.2 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 49.989 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014109.D

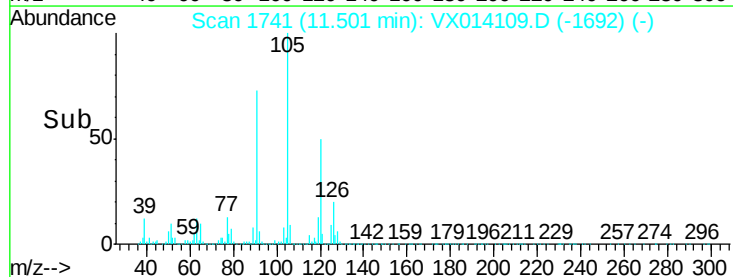
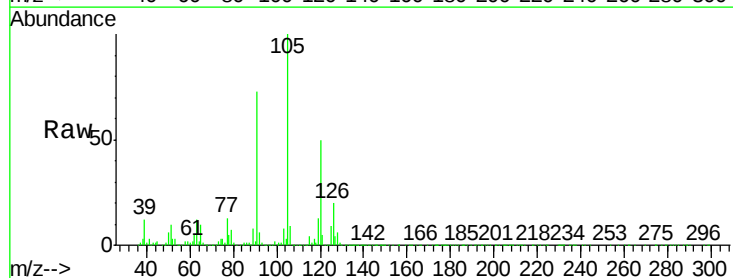
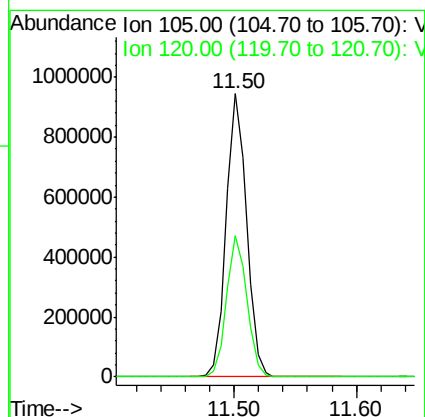
Acq: 18 Dec 2019 20:04

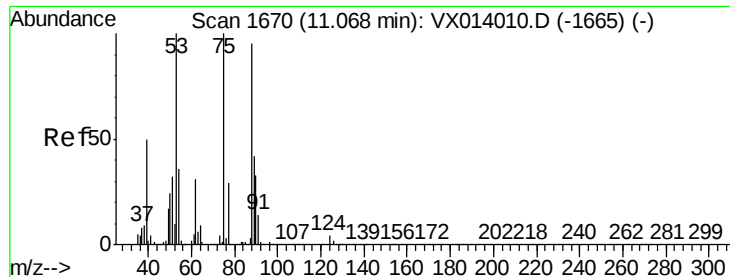
Tgt Ion: 105 Resp: 1086941

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





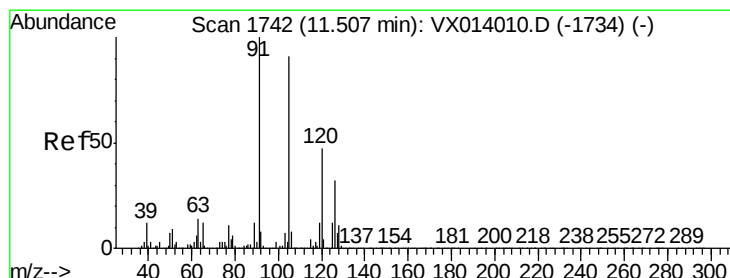
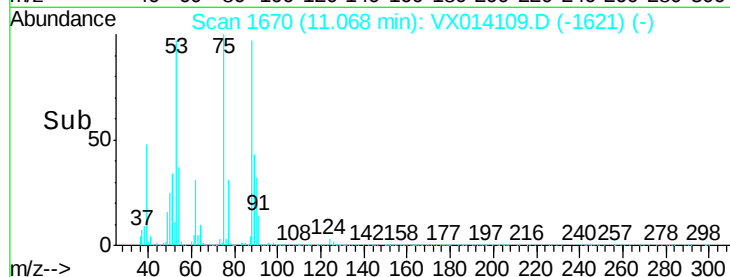
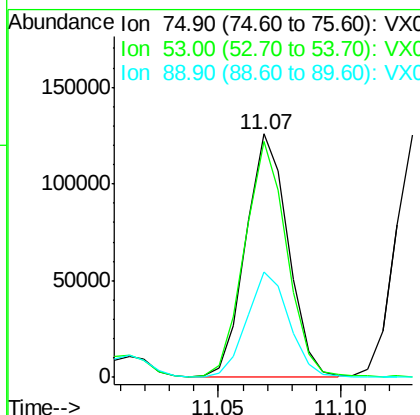
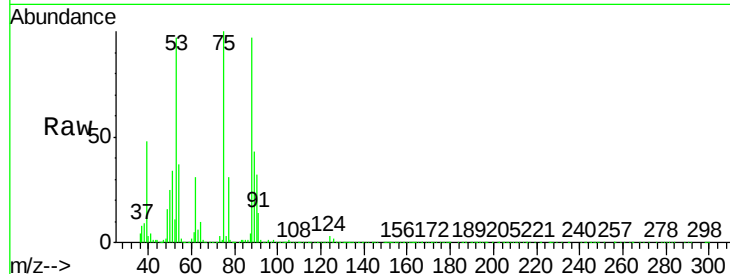
#81
trans-1,4-Dichloro-2-butene
Concen: 53.375 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.7	115.1
89	43.7	34.6	51.8

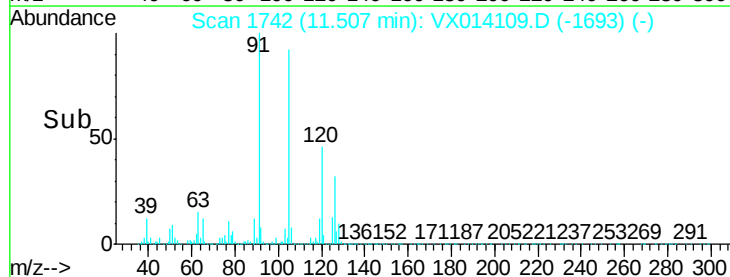
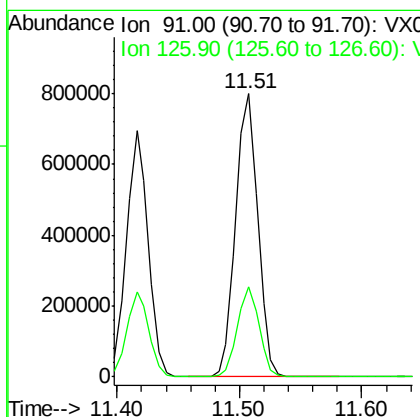
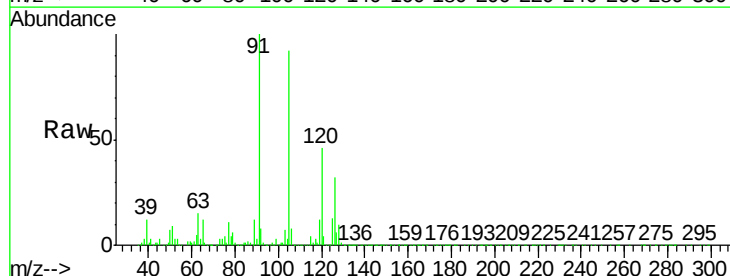
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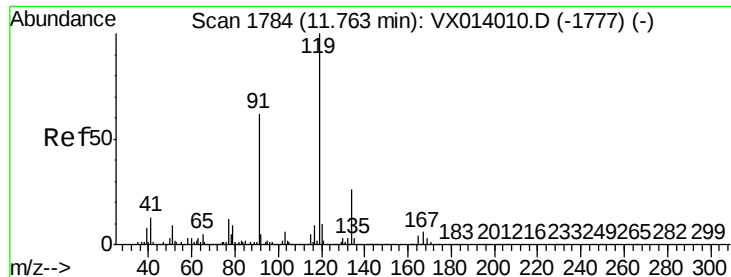
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#82
4-Chlorotoluene
Concen: 48.818 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8





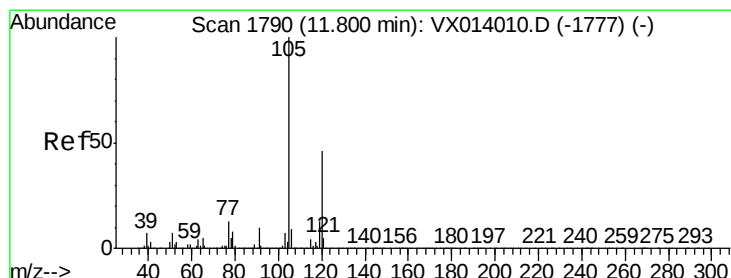
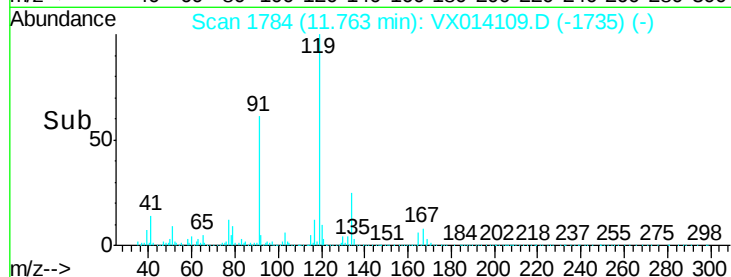
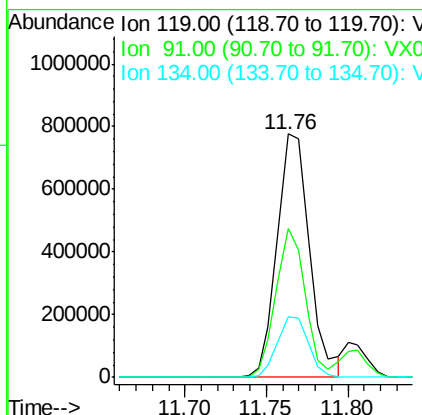
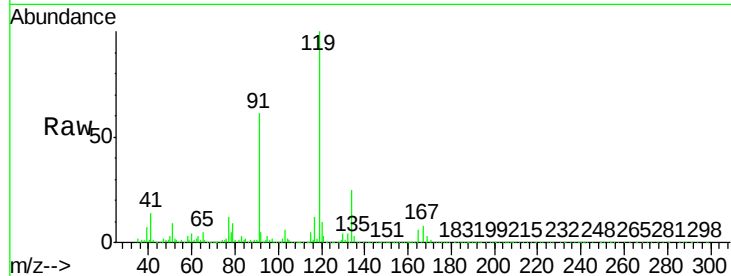
#83
tert-Butylbenzene
Concen: 50.531 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
91	55.2	28.5	85.6	
134	23.8	12.2	36.6	

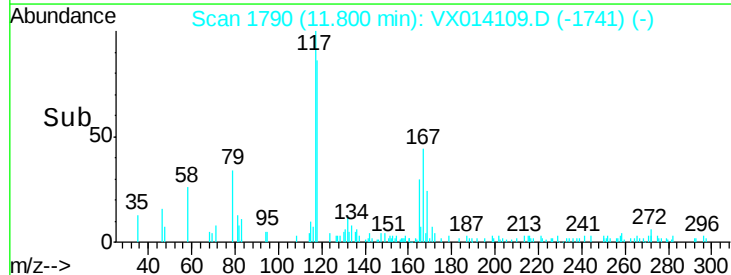
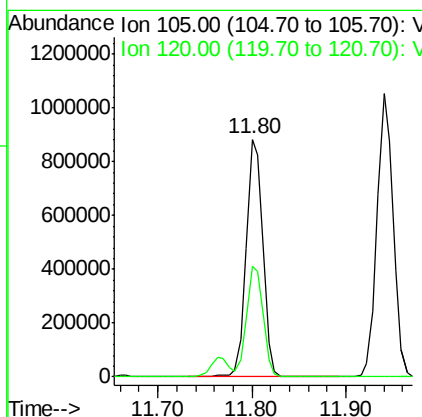
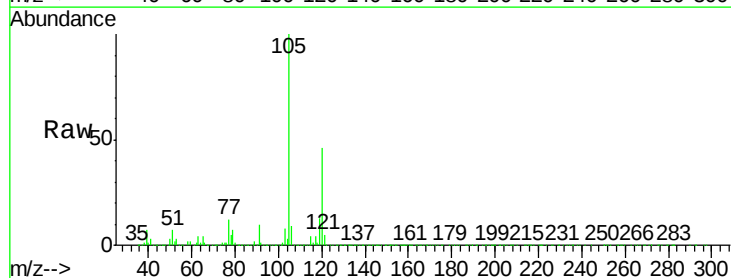
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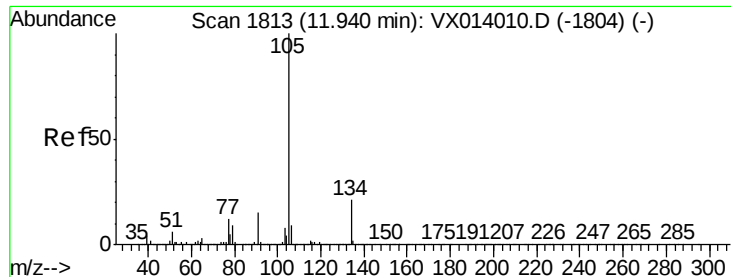
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 49.780 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 50.140 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1252495

Ion Ratio Lower Upper

105 100

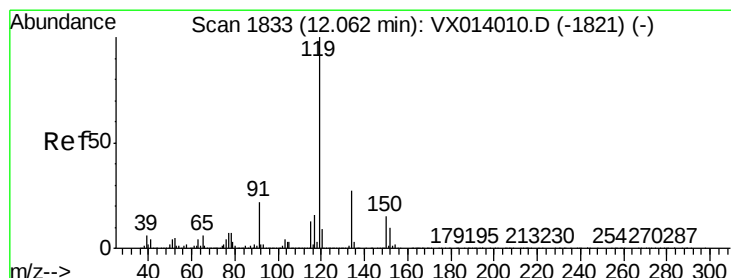
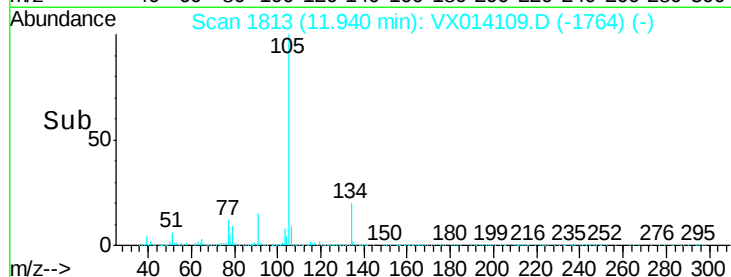
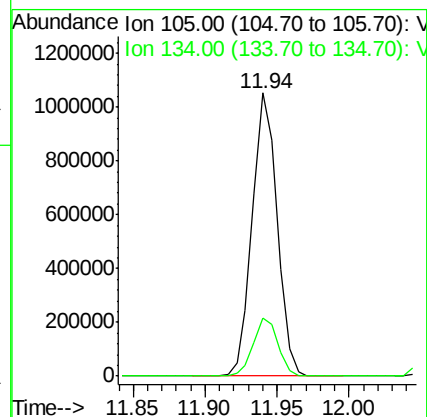
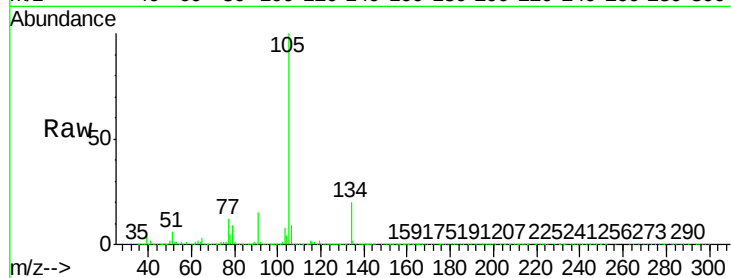
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.330 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

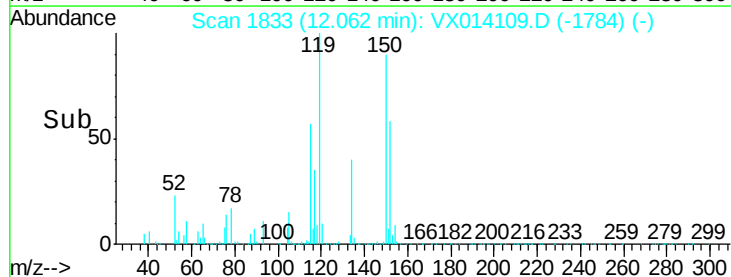
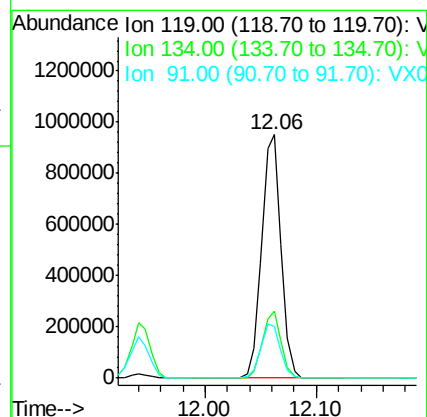
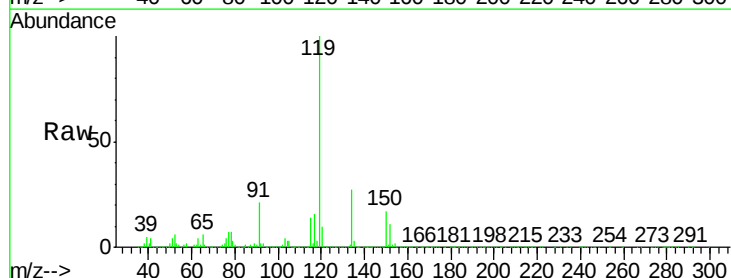
Tgt Ion:119 Resp: 1150049

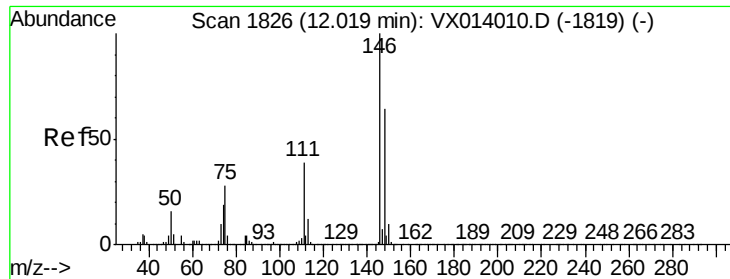
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.609 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

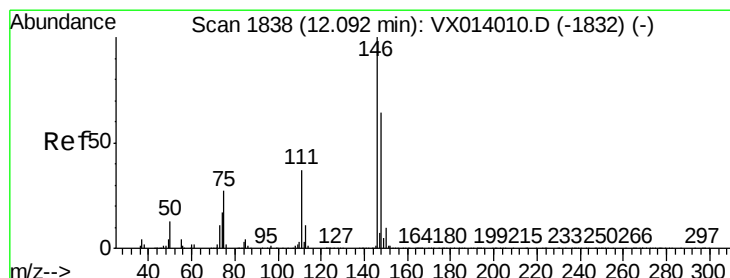
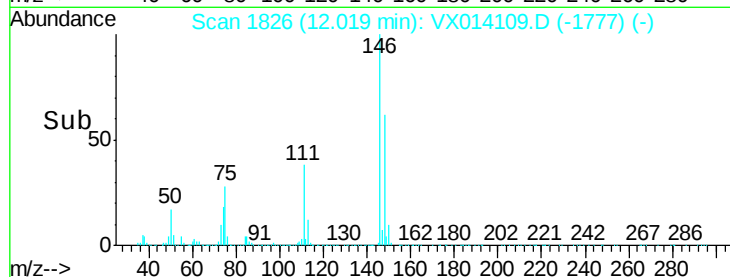
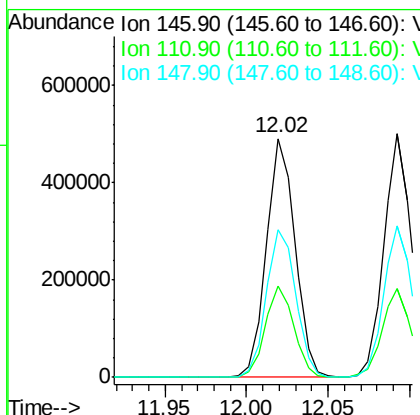
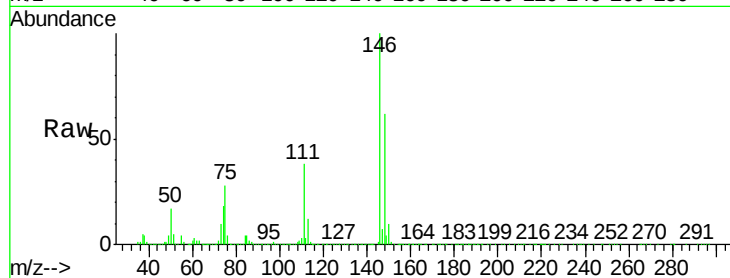
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	593116		
111	38.3	19.1	57.1	
148	63.8	32.3	96.9	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.436 ug/l

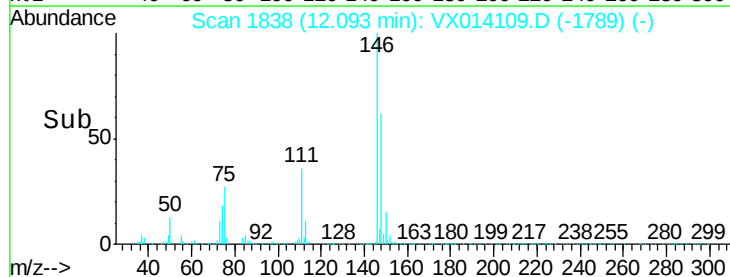
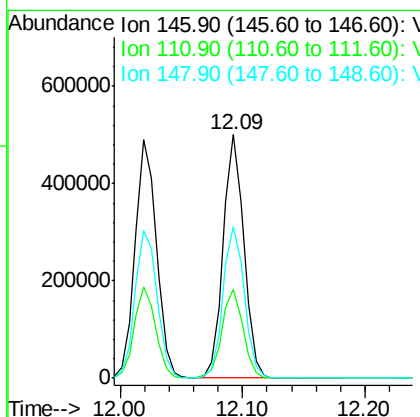
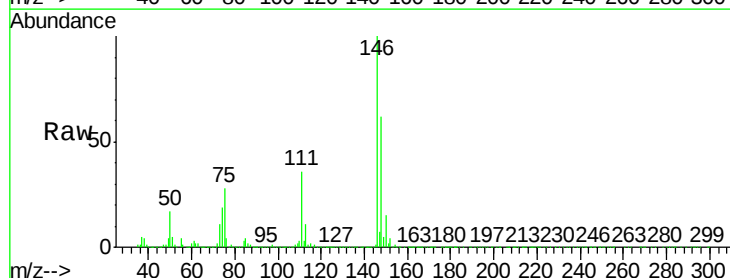
RT: 12.09 min Scan# 1838

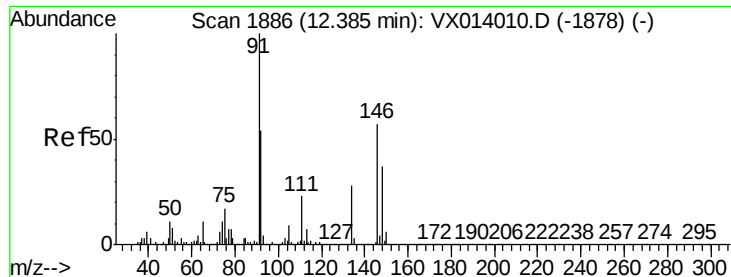
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	588226		
111	37.0	18.7	56.1	
148	63.7	31.9	95.9	





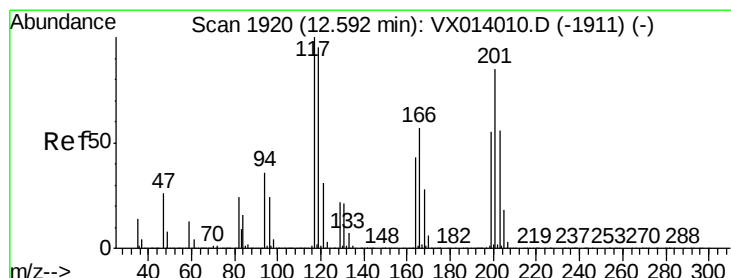
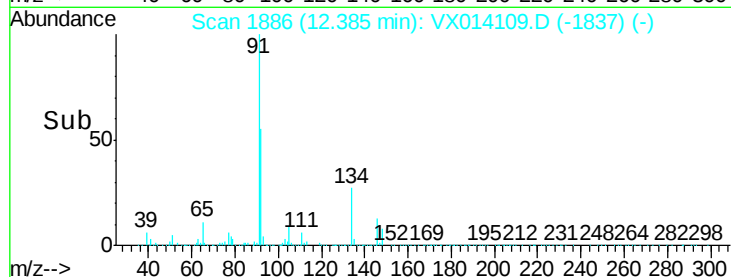
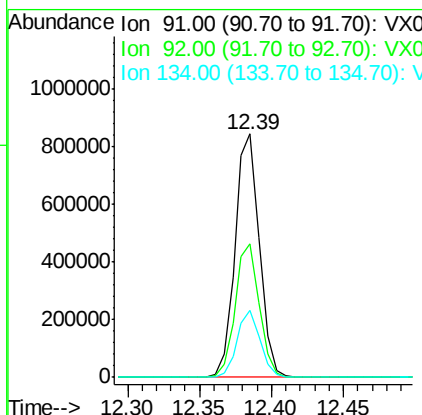
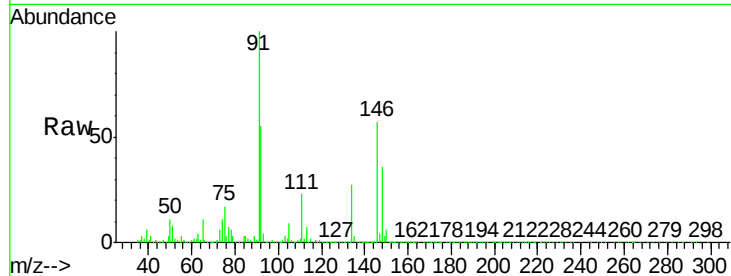
#89
n-Butylbenzene
Concen: 50.806 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.6	27.2	81.6	
134	26.4	13.4	40.1	

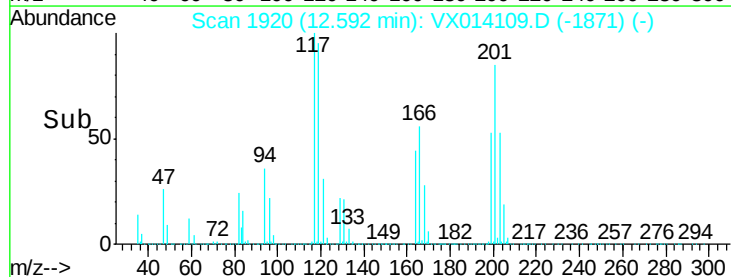
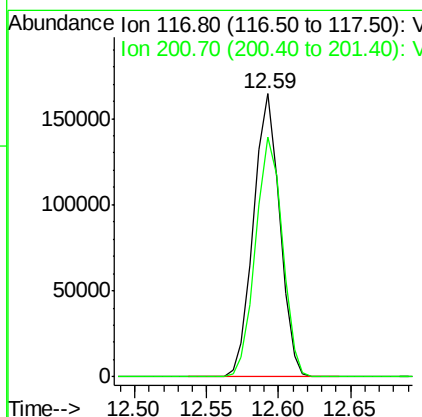
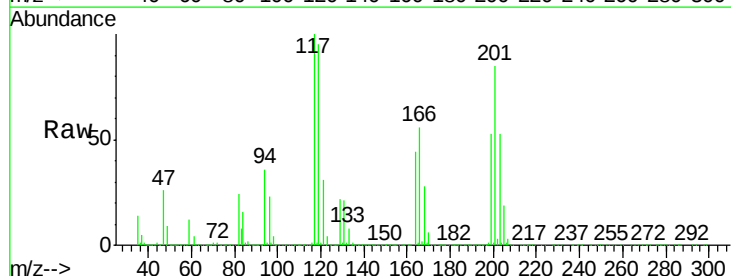
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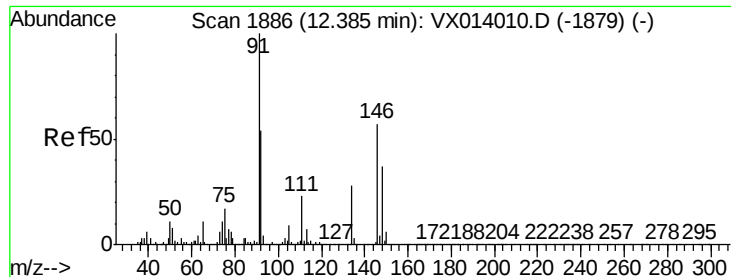
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#90
Hexachloroethane
Concen: 50.187 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.7	43.1	129.3	





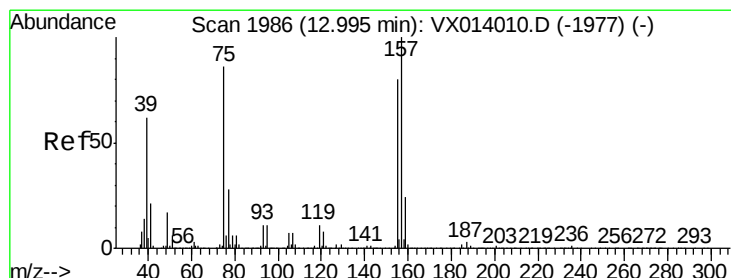
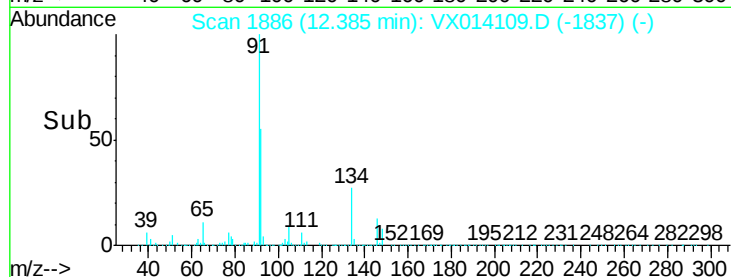
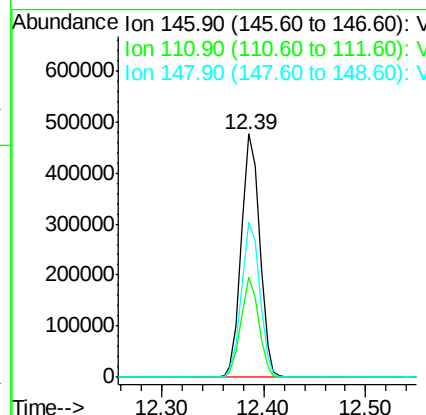
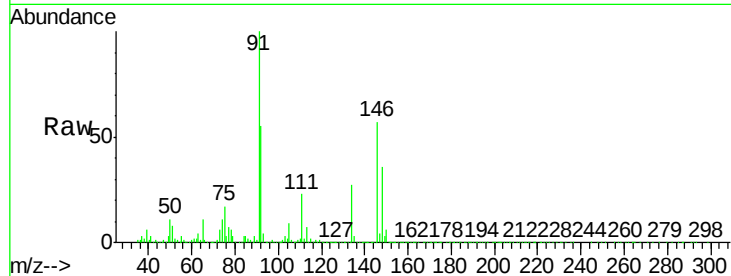
#91
 1,2-Dichlorobenzene
 Concen: 46.985 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	63.8	32.1	96.5

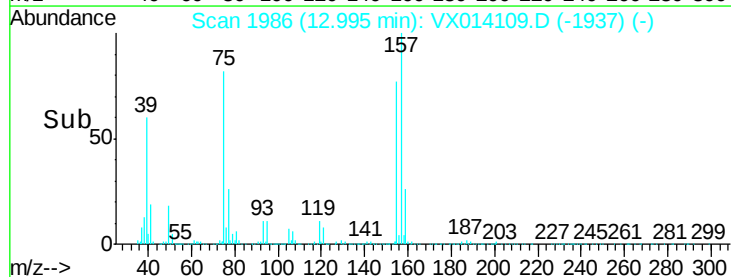
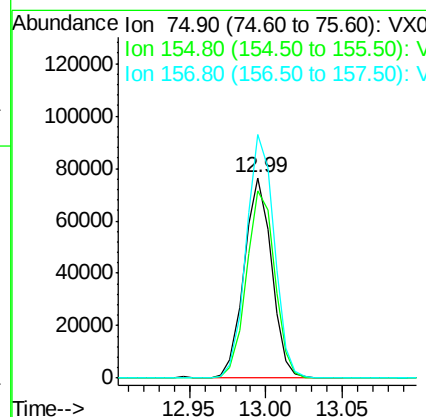
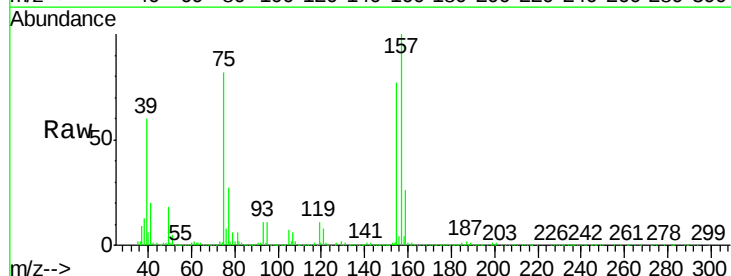
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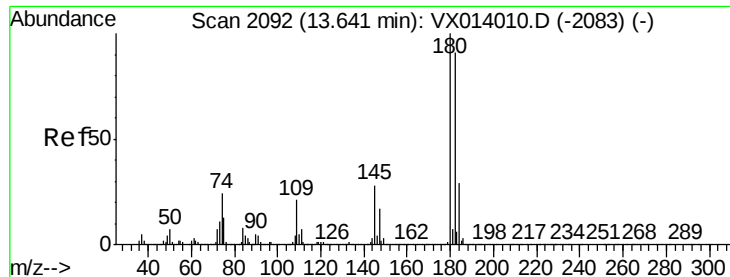
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.692 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	46.9	140.6
157	125.3	60.8	182.4





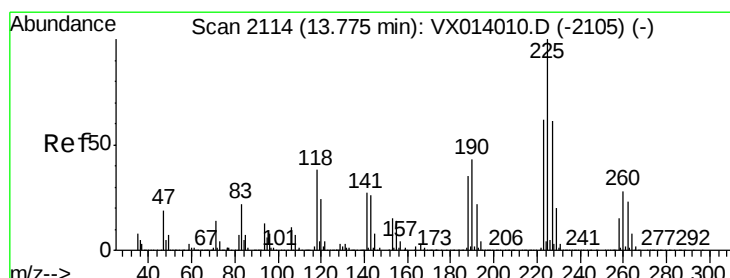
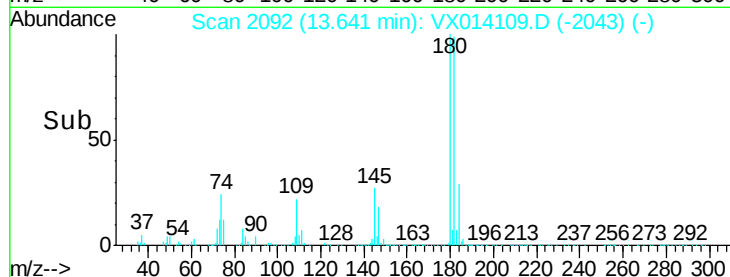
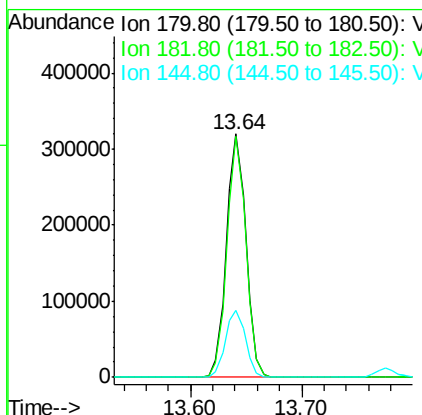
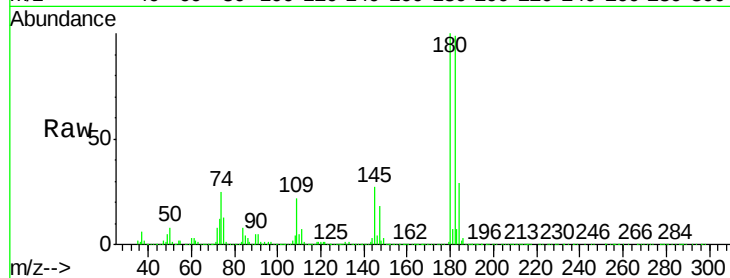
#93
 1,2,4-Trichlorobenzene
 Concen: 47.725 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	389016		
182	95.8	46.6	139.8	
145	28.6	14.2	42.6	

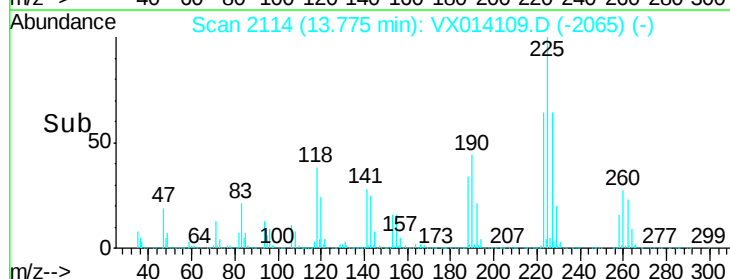
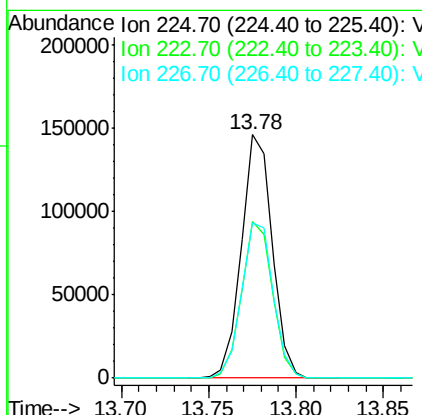
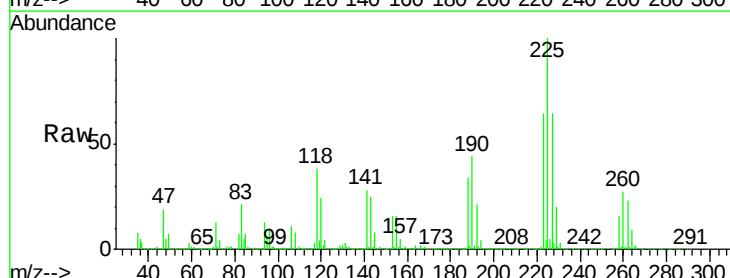
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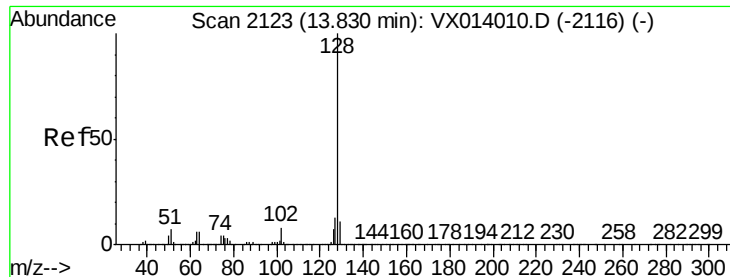
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#94
 Hexachlorobutadiene
 Concen: 45.617 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178702		
223	64.4	30.9	92.5	
227	65.5	30.9	92.7	





#95

Naphthalene

Concen: 51.242 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

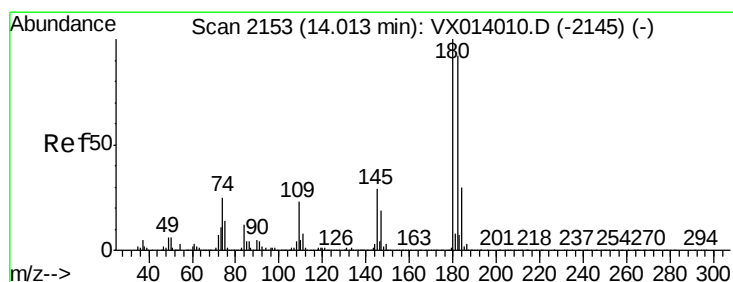
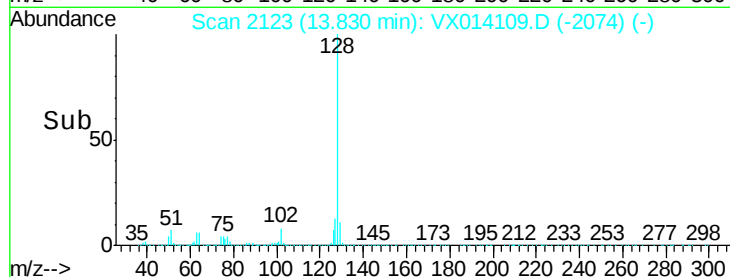
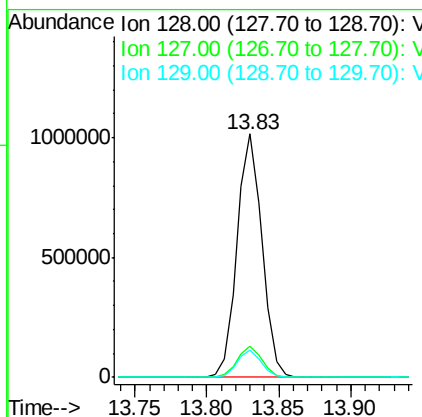
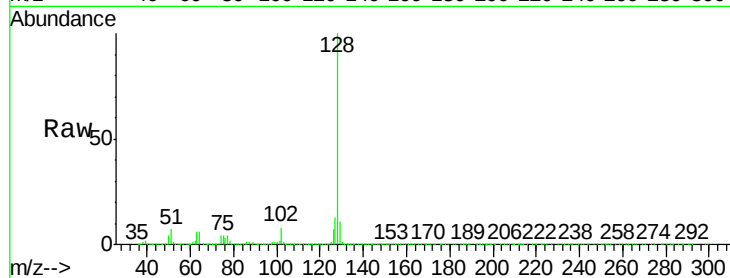
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1227171
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 49.821 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion:	180	Resp:	400883
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.8	140.3
145	29.8	14.8	44.4

