

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122019\
 Data File : VX014163.D
 Acq On : 20 Dec 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/23/2019 10:25:01 AM

Quant Time: Dec 20 23:16:54 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	545184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	814548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	734619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	380353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	299475	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.48	113	246275	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	951522	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	352263	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	226918	46.525	ug/l	99
3) Chloromethane	1.32	50	294193	44.946	ug/l	99
4) Vinyl Chloride	1.40	62	317543	45.976	ug/l	100
5) Bromomethane	1.63	94	219044	44.684	ug/l	98
6) Chloroethane	1.71	64	201680	47.312	ug/l	96
7) Trichlorofluoromethane	1.92	101	417489	48.830	ug/l	100
8) Diethyl Ether	2.18	74	192414	47.952	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	256218	49.714	ug/l	99
10) Methyl Iodide	2.50	142	282982	42.074	ug/l	99
11) Tert butyl alcohol	3.03	59	386892	289.781	ug/l	99
12) 1,1-Dichloroethene	2.36	96	249562	47.587	ug/l	99
13) Acrolein	2.28	56	226089	295.825	ug/l	100
14) Allyl chloride	2.72	41	463713	49.523	ug/l	100
15) Acrylonitrile	3.13	53	815815	261.793	ug/l	99
16) Acetone	2.43	43	812134	202.455	ug/l	100
17) Carbon Disulfide	2.56	76	662802	45.592	ug/l	100
18) Methyl Acetate	2.76	43	416597	52.410	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	895848	51.984	ug/l	97
20) Methylene Chloride	2.84	84	291180	46.095	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	274073	47.437	ug/l	98
22) Diisopropyl ether	3.84	45	942631	50.518	ug/l	93
23) Vinyl Acetate	3.80	43	4176041	274.252	ug/l	100
24) 1,1-Dichloroethane	3.69	63	501175	48.277	ug/l	99
25) 2-Butanone	4.65	43	1220518	246.787	ug/l	100
26) 2,2-Dichloropropane	4.57	77	407832	50.598	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	321828	49.253	ug/l	98
28) Bromochloromethane	5.00	49	193917	48.583	ug/l	99
29) Tetrahydrofuran	5.11	42	757576	273.867	ug/l	100
30) Chloroform	5.20	83	491702	49.964	ug/l	97
31) Cyclohexane	5.56	56	455132	49.293	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	411061	49.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	368813	49.346	ug/l	100
37) Ethyl Acetate	4.81	43	456001	55.250	ug/l	100
38) Carbon Tetrachloride	5.78	117	354576	52.077	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	472137	51.161	ug/l	99
40) Benzene	6.13	78	1133602	49.295	ug/l	99
41) Methacrylonitrile	5.02	41	247003	53.938	ug/l	100
42) 1,2-Dichloroethane	6.18	62	399606	51.263	ug/l	99
43) Isopropyl Acetate	6.43	43	741499	54.287	ug/l	100
44) Trichloroethene	7.20	130	312228	49.156	ug/l	98
45) 1,2-Dichloropropane	7.50	63	300786	51.031	ug/l	96
46) Dibromomethane	7.65	93	198483	50.933	ug/l	98
47) Bromodichloromethane	7.89	83	391390	53.328	ug/l	98
48) Methyl methacrylate	7.76	41	362064	54.133	ug/l	99
49) 1,4-Dioxane	7.73	88	169155	1242.781	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2321231	270.602	ug/l	100
52) Toluene	8.78	92	723583	49.781	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	438642	54.506	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	490954	54.760	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	302356	51.901	ug/l	96
56) Ethyl methacrylate	9.17	69	496570	54.264	ug/l	100
57) 1,3-Dichloropropane	9.36	76	505345	51.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	976351	281.930	ug/l	99
59) 2-Hexanone	9.48	43	1818845	263.398	ug/l	100
60) Dibromochloromethane	9.57	129	319733	55.215	ug/l	100
61) 1,2-Dibromoethane	9.67	107	317063	53.194	ug/l	99
64) Tetrachloroethene	9.33	164	302092	46.472	ug/l	98
65) Chlorobenzene	10.14	112	796416	50.988	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	291785	52.318	ug/l	99
67) Ethyl Benzene	10.25	91	1391724	51.825	ug/l	100
68) m/p-Xylenes	10.35	106	1066914	103.299	ug/l	100
69) o-Xylene	10.69	106	515254	50.866	ug/l	99
70) Styrene	10.71	104	896717	52.351	ug/l	99
71) Bromoform	10.85	173	250284	55.828	ug/l	99
73) Isopropylbenzene	11.01	105	1368053	51.085	ug/l	100
74) N-amyl acetate	10.89	43	665281	52.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	476879	51.364	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	390912m	47.341	ug/l	
77) Bromobenzene	11.25	156	360156	48.881	ug/l	98
78) n-propylbenzene	11.35	91	1563164	52.039	ug/l	99
79) 2-Chlorotoluene	11.42	91	923401	50.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1152083	51.117	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	164113	56.097	ug/l	99
82) 4-Chlorotoluene	11.51	91	1072693	50.646	ug/l	99
83) tert-Butylbenzene	11.76	119	1152140	52.530	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1168805	51.785	ug/l	100
85) sec-Butylbenzene	11.94	105	1348462	52.079	ug/l	100
86) p-Isopropyltoluene	12.06	119	1258701	53.144	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	642293	49.739	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	650189	49.518	ug/l	100
89) n-Butylbenzene	12.39	91	1098271	54.344	ug/l	99
90) Hexachloroethane	12.59	117	222083	52.203	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	640031	49.235	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	103628	50.438	ug/l	96

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VSTDCCC050

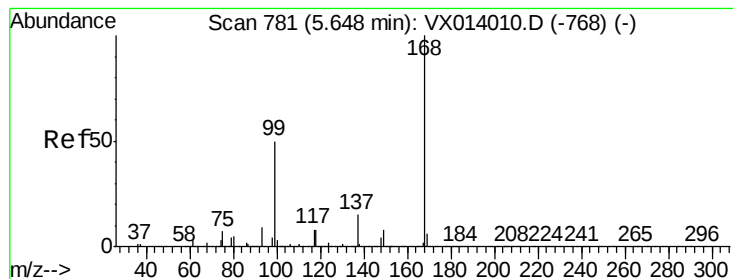
Manual Integrations
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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	458007	54.208	ug/l	100
94) Hexachlorobutadiene	13.77	225	217205	53.491	ug/l	97
95) Naphthalene	13.83	128	1399885	56.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	448059	53.721	ug/l	98

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



#1

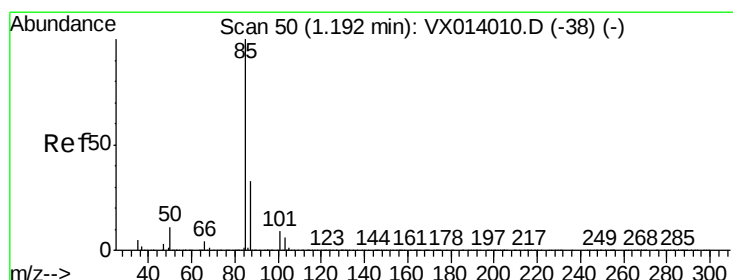
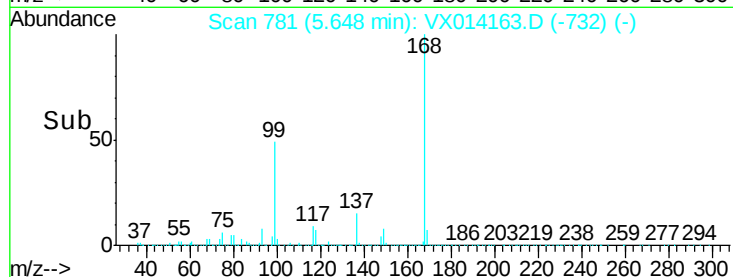
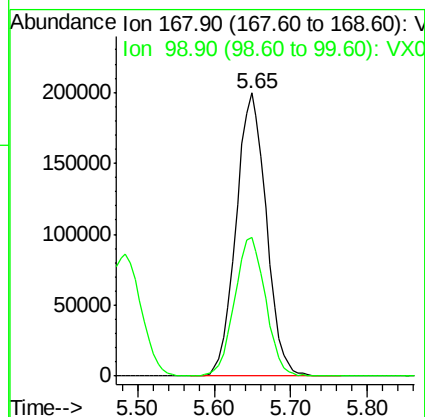
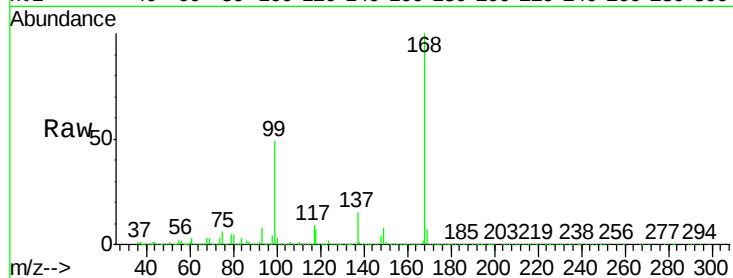
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	40.3	60.5

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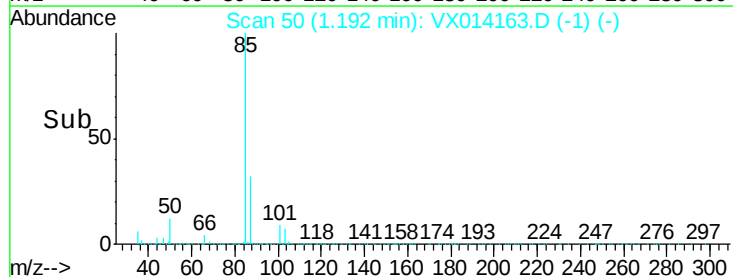
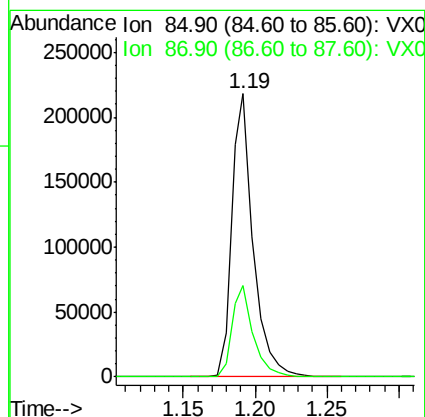
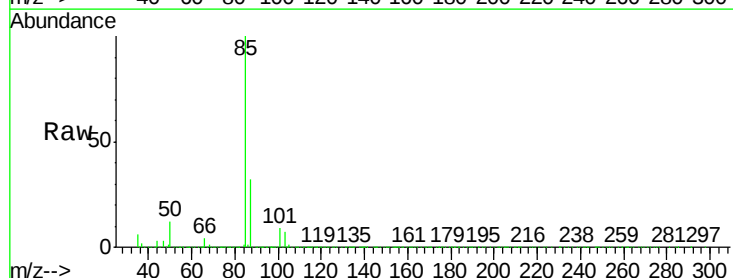
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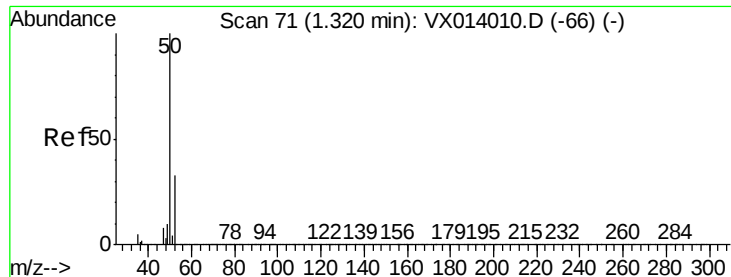


#2

Dichlorodifluoromethane
 Concen: 46.525 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.2





#3

Chloromethane

Concen: 44.946 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 294193

Ion Ratio Lower Upper

50 100

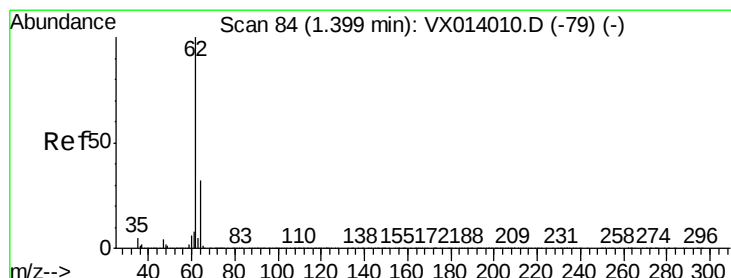
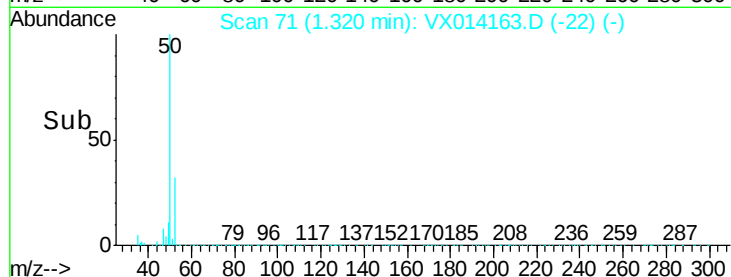
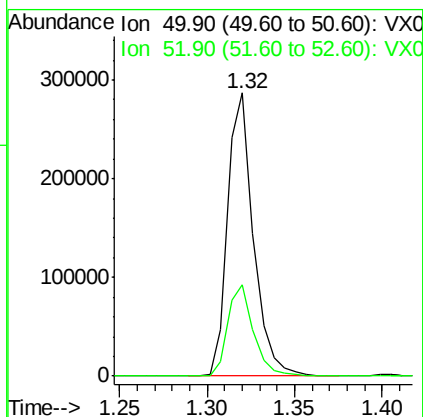
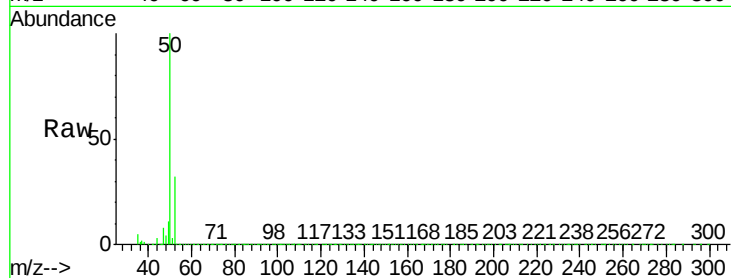
52 32.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 45.976 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014163.D

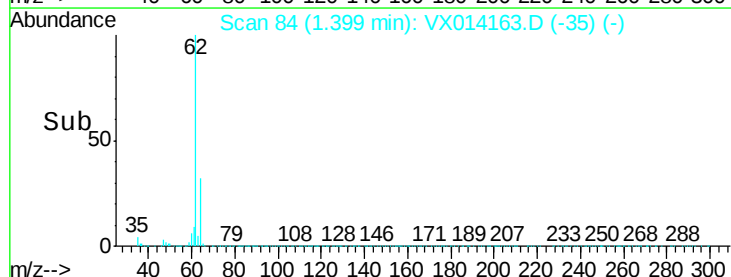
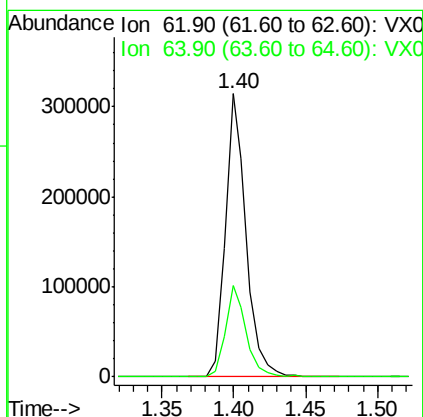
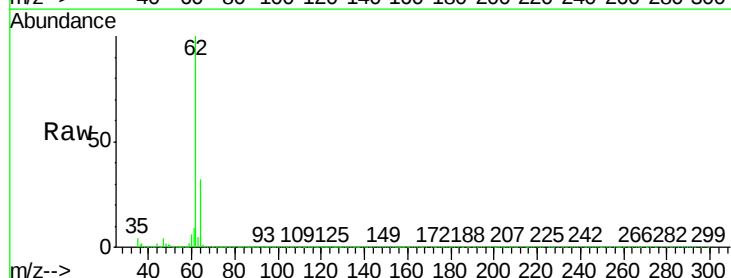
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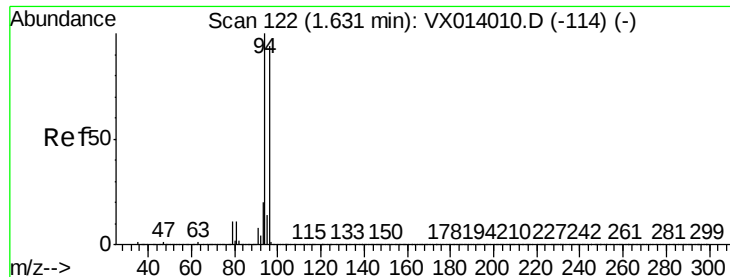
Tgt Ion: 62 Resp: 317543

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 44.684 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 219044

Ion Ratio Lower Upper

94 100

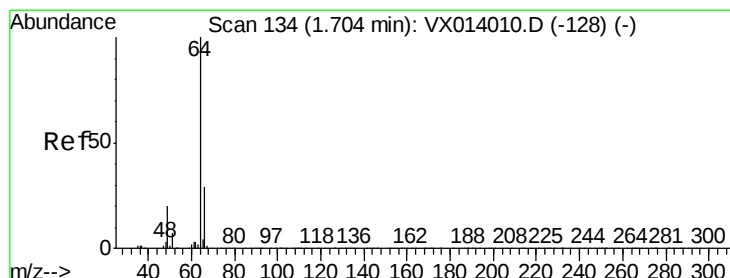
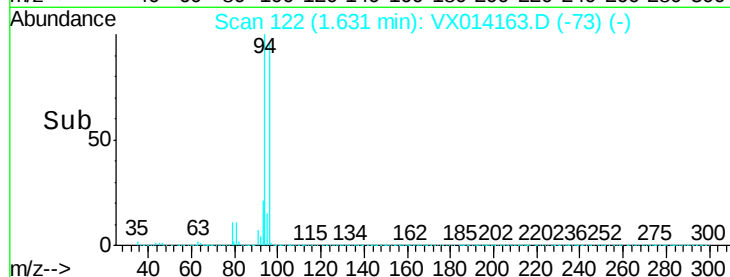
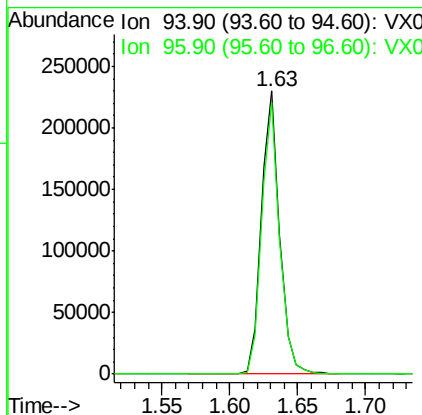
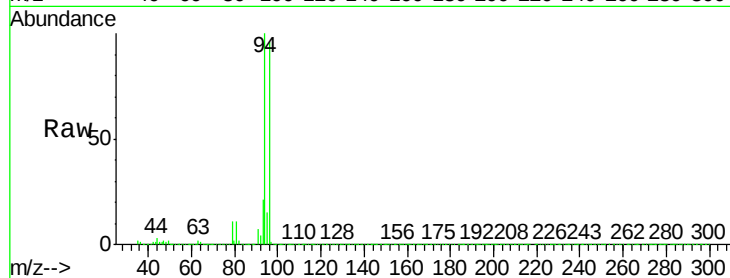
96 95.7 75.2 112.8

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#6

Chloroethane

Concen: 47.312 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014163.D

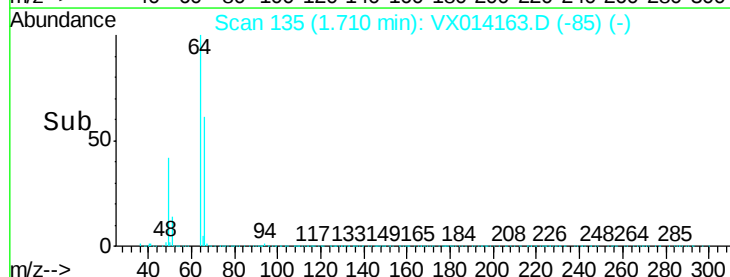
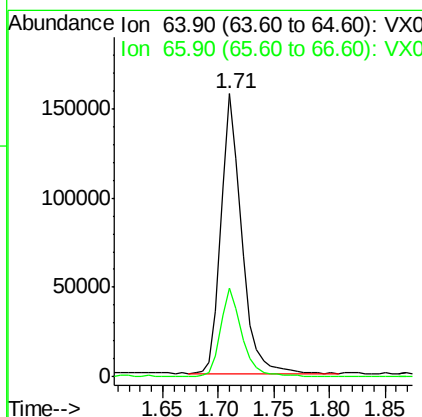
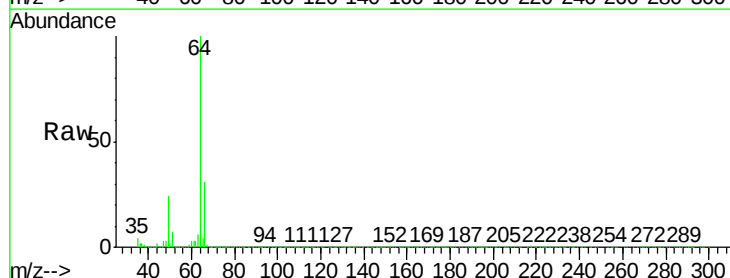
Acq: 20 Dec 2019 10:28

Tgt Ion: 64 Resp: 201680

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.2





#7

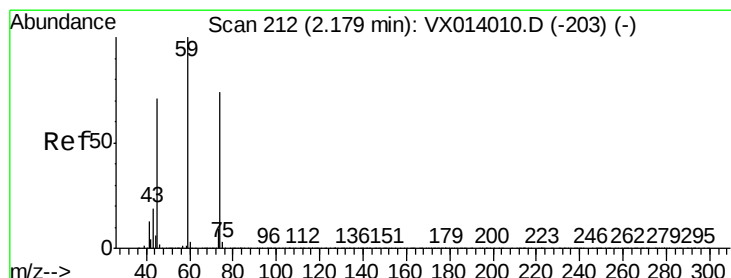
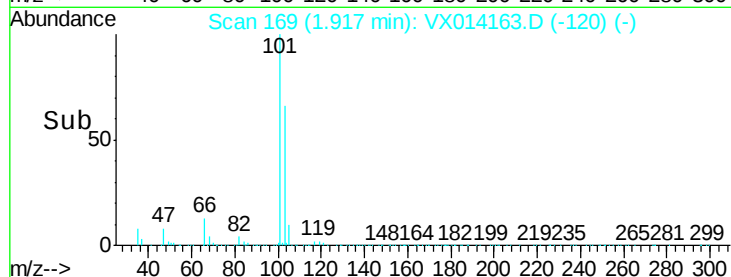
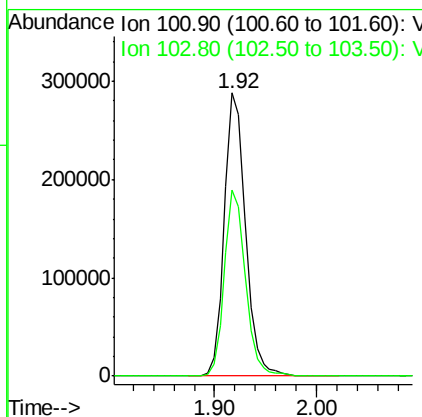
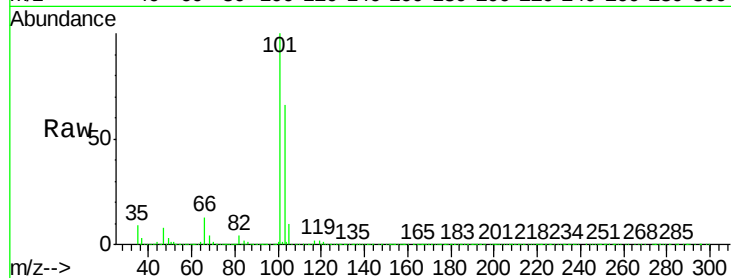
Trichlorofluoromethane
Concen: 48.830 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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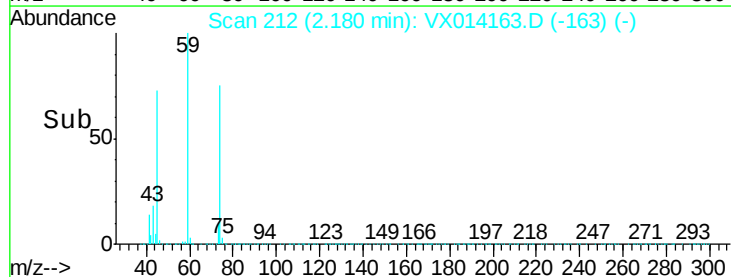
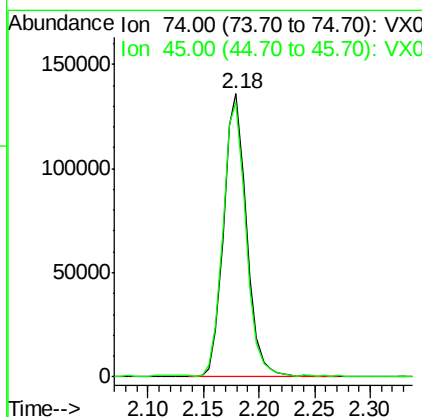
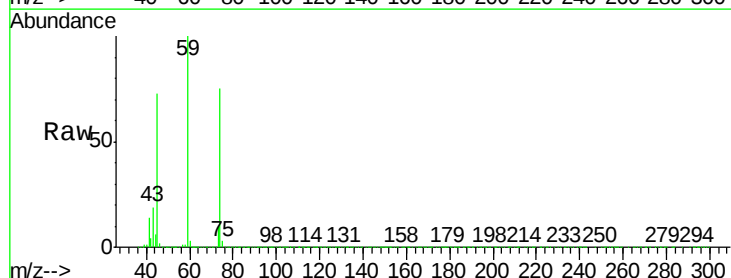
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#8

Diethyl Ether
Concen: 47.952 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.714 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

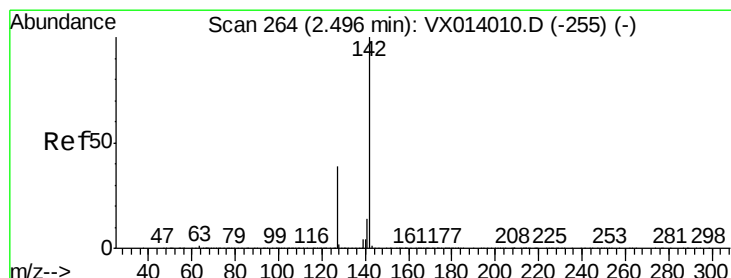
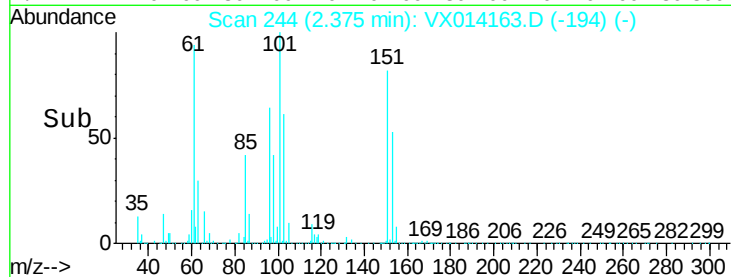
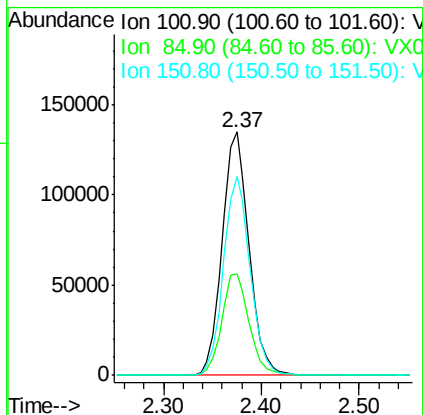
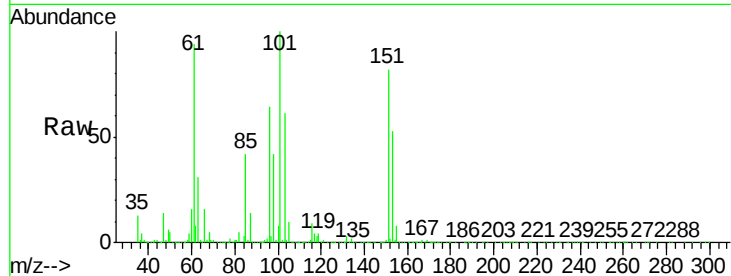
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	256218
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.7	50.5
151	81.3	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 42.074 ug/l

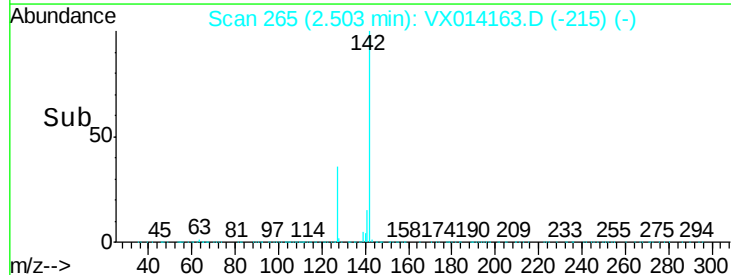
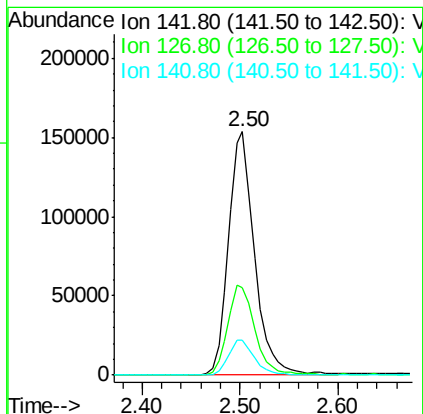
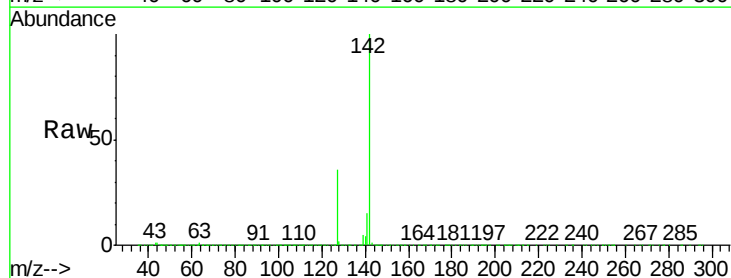
RT: 2.50 min Scan# 265

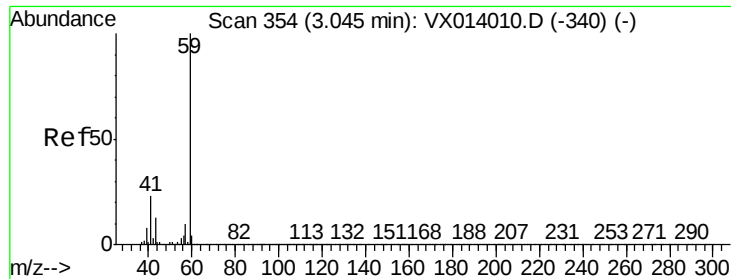
Delta R.T. 0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	142	Resp:	282982
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.6	47.4
141	14.8	11.6	17.4





#11

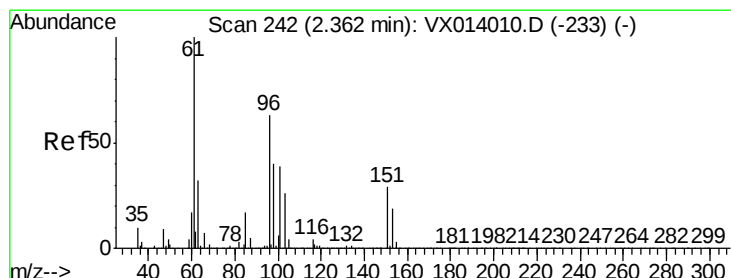
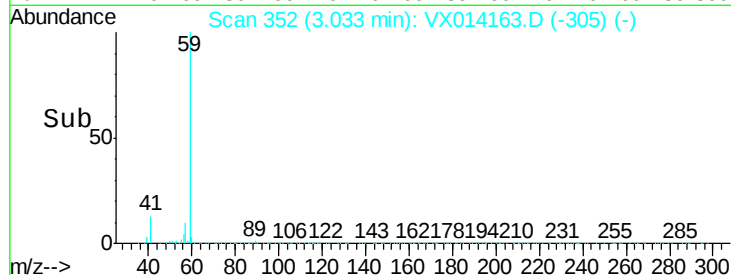
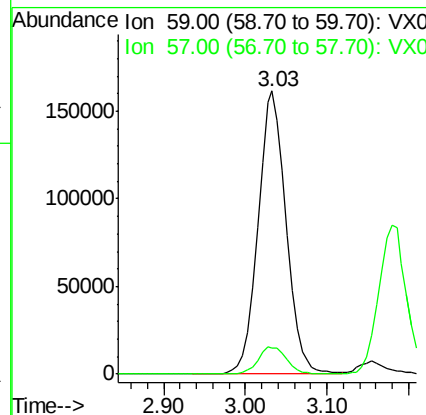
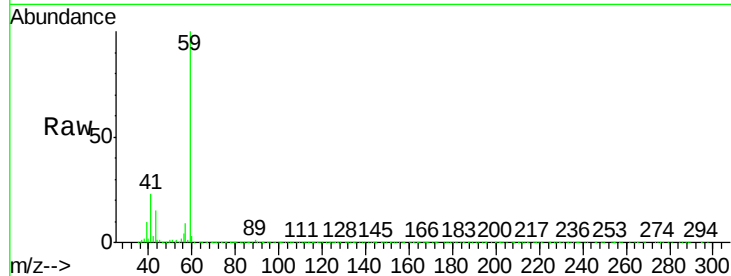
Tert butyl alcohol
 Concen: 289.781 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

Manual Integrations
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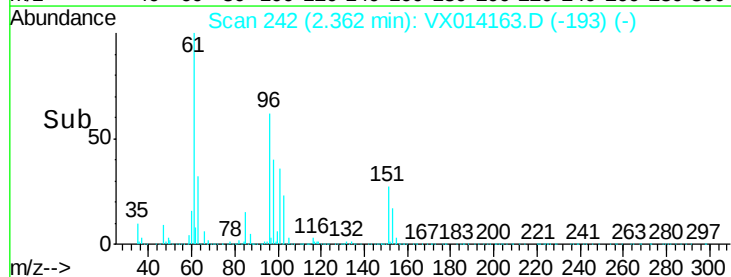
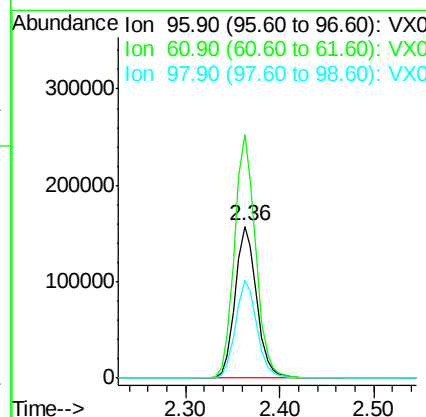
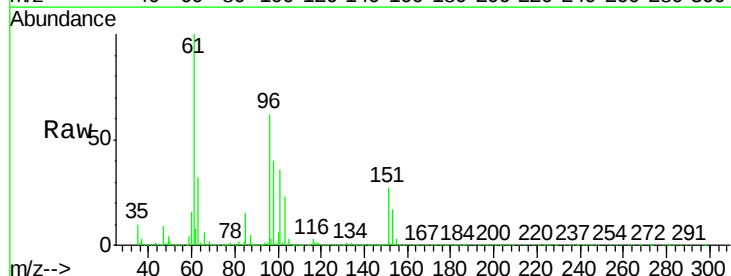
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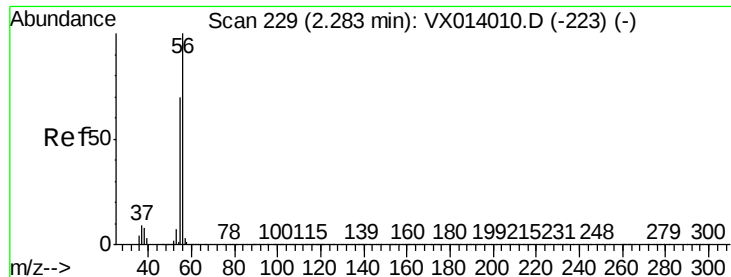


#12

1,1-Dichloroethene
 Concen: 47.587 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	127.9	191.9
98	64.3	50.5	75.7





#13

Acrolein

Concen: 295.825 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 226089

Ion Ratio Lower Upper

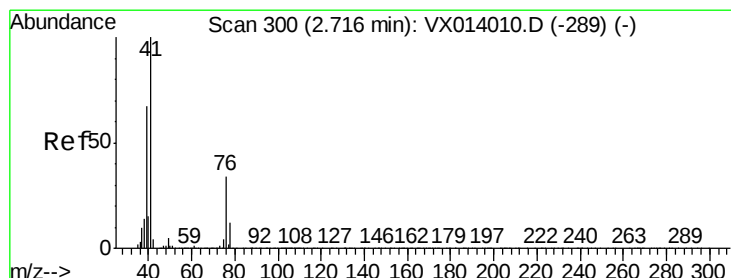
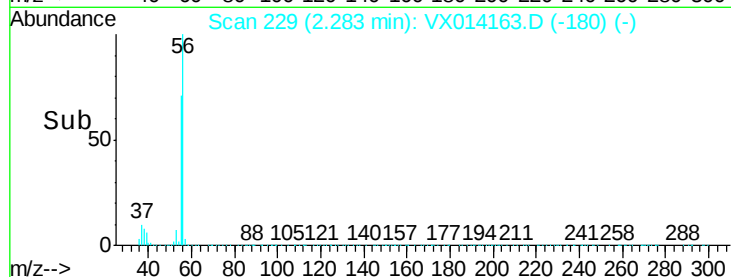
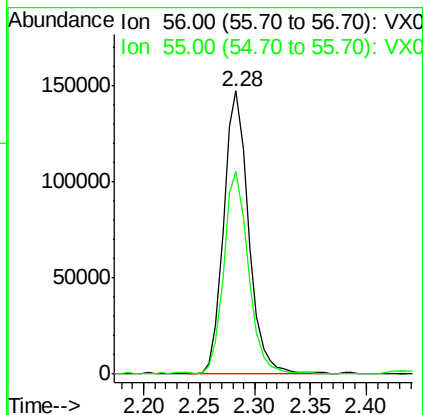
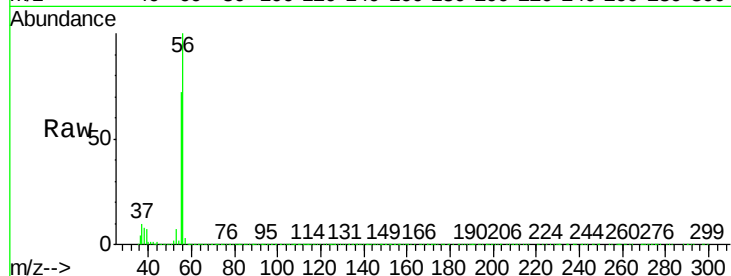
56 100

55 71.4 56.9 85.3

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#14

Allyl chloride

Concen: 49.523 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

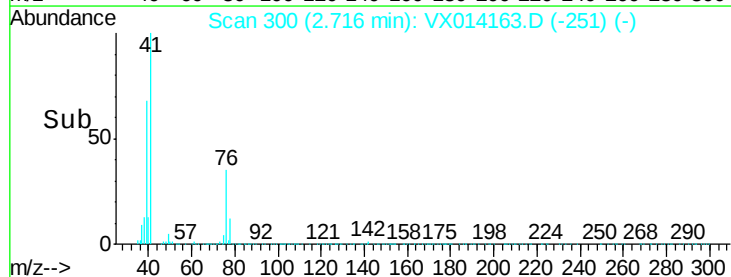
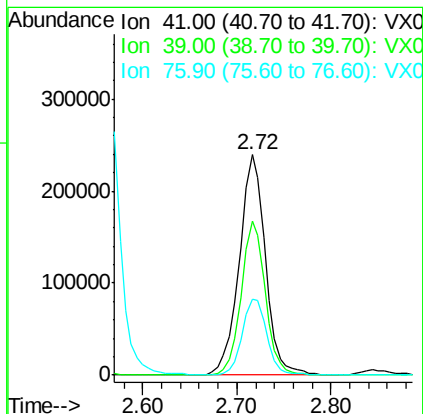
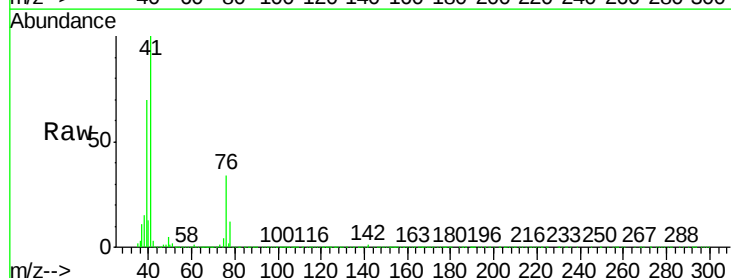
Tgt Ion: 41 Resp: 463713

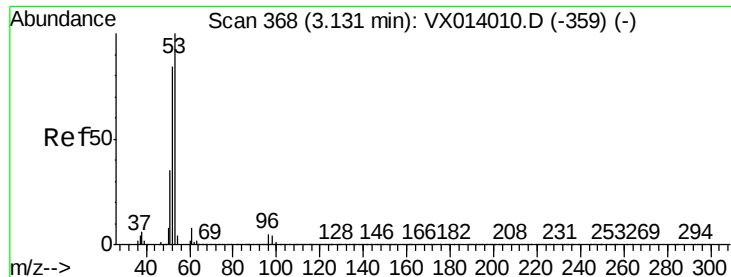
Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.8

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 261.793 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

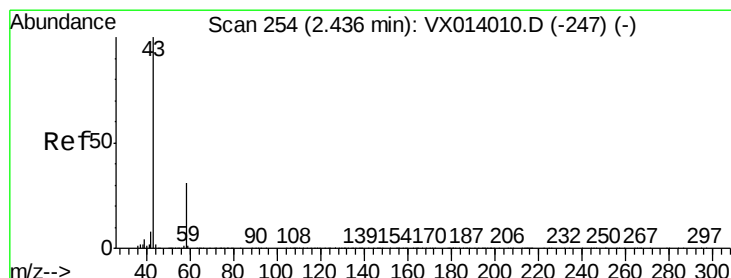
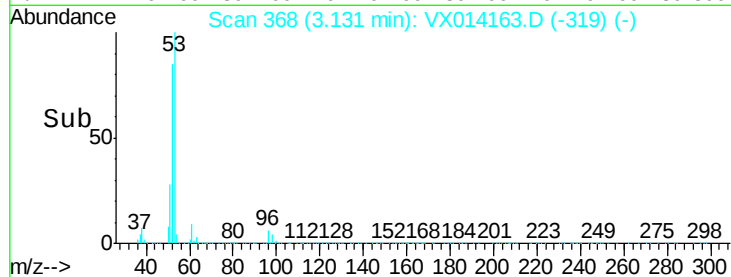
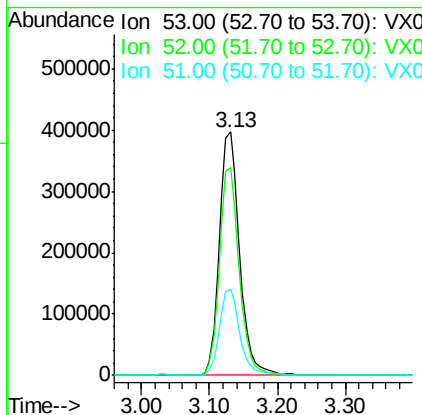
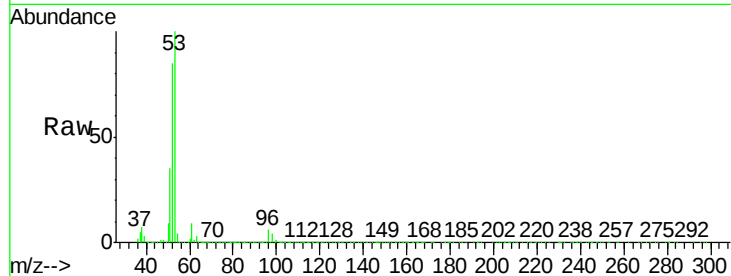
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	815815
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.0	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 202.455 ug/l

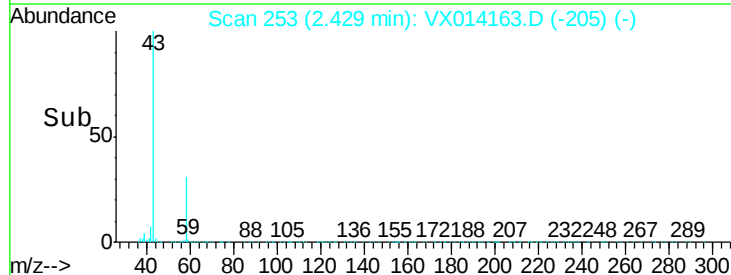
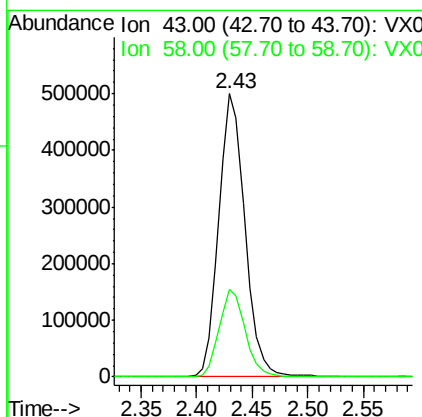
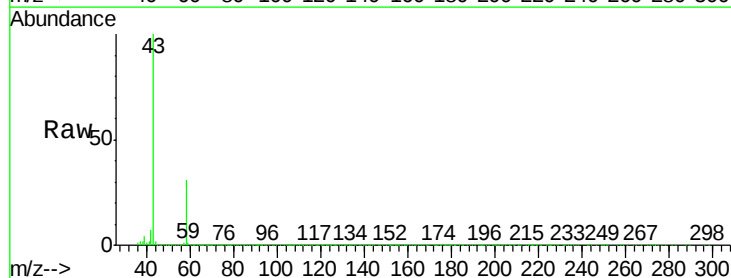
RT: 2.43 min Scan# 253

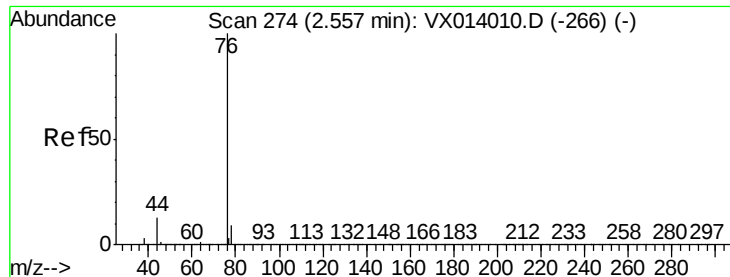
Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	43	Resp:	812134
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 45.592 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 662802

Ion Ratio Lower Upper

76 100

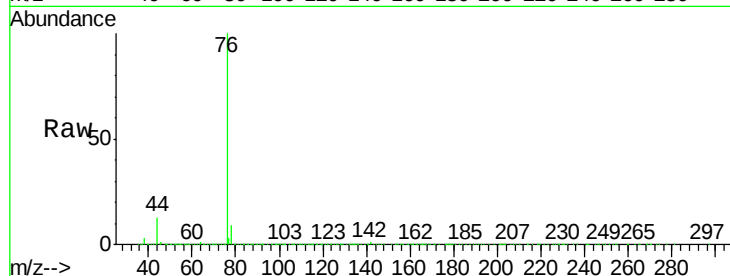
78 8.9 7.2 10.8

Manual Integrations

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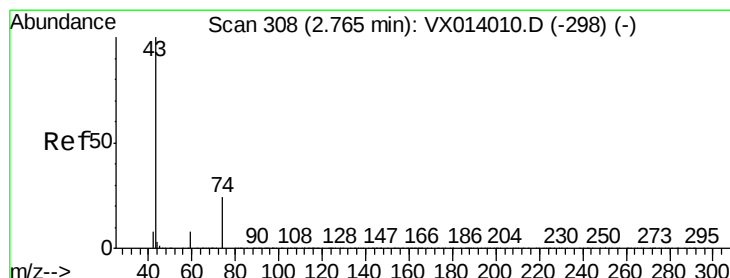
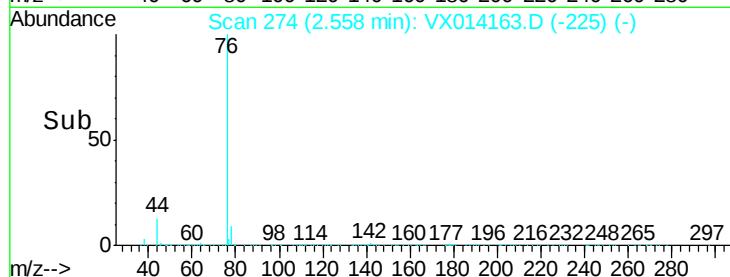
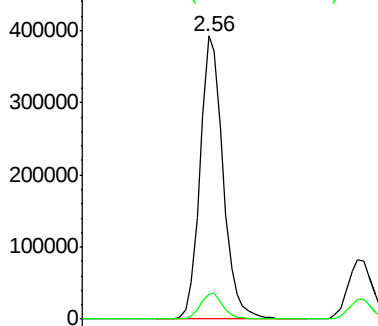
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.410 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014163.D

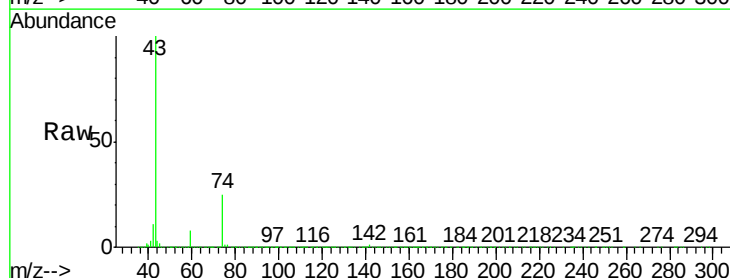
Acq: 20 Dec 2019 10:28

Tgt Ion: 43 Resp: 416597

Ion Ratio Lower Upper

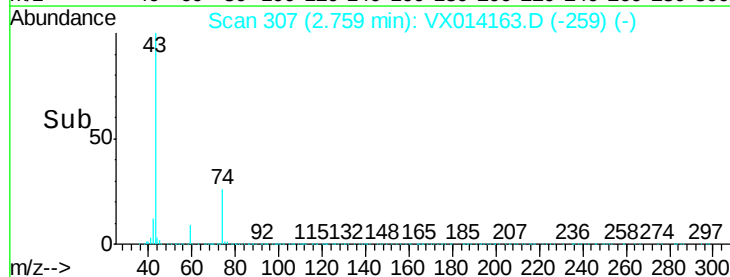
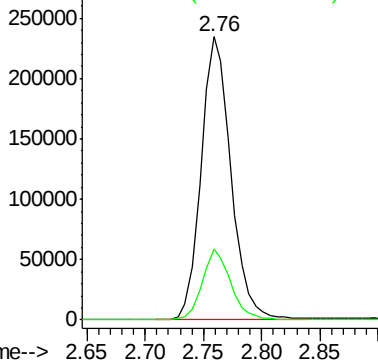
43 100

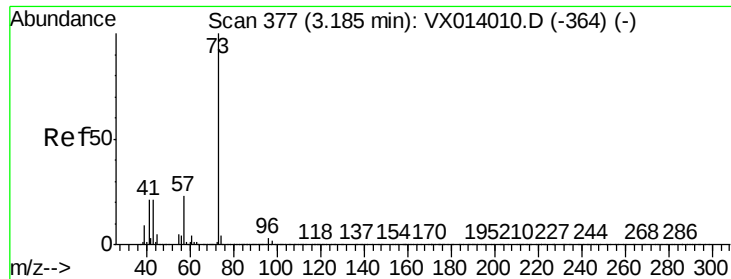
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





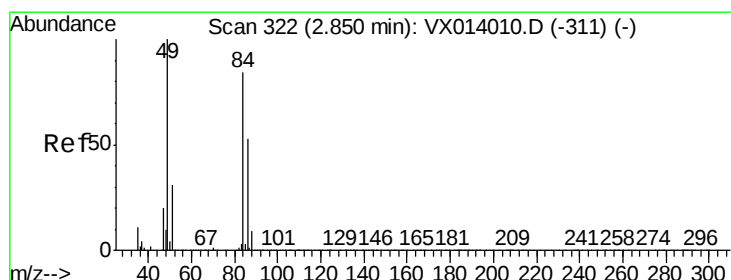
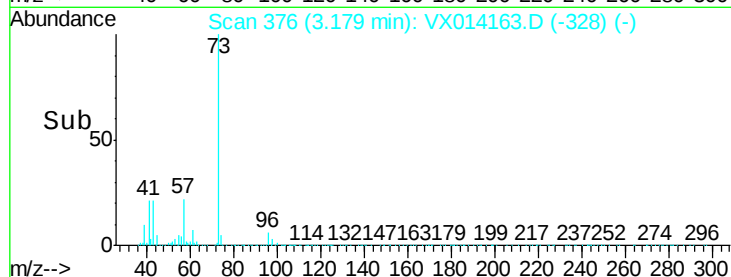
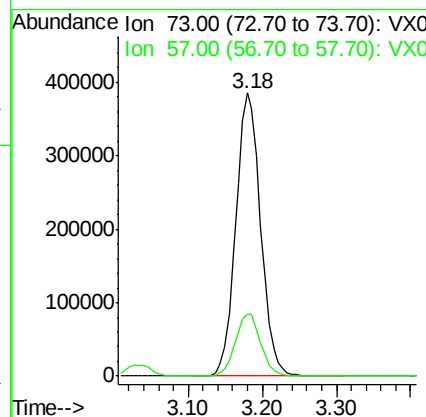
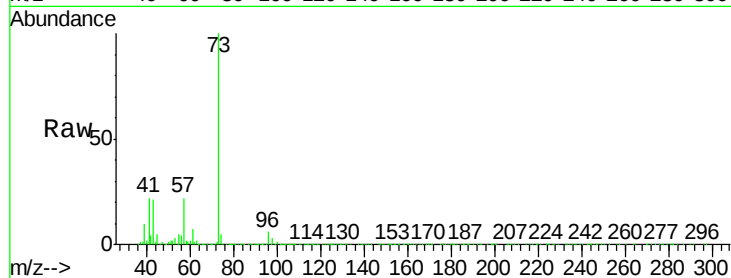
#19
Methvl tert-butvl Ether
Concen: 51.984 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.8	28.2

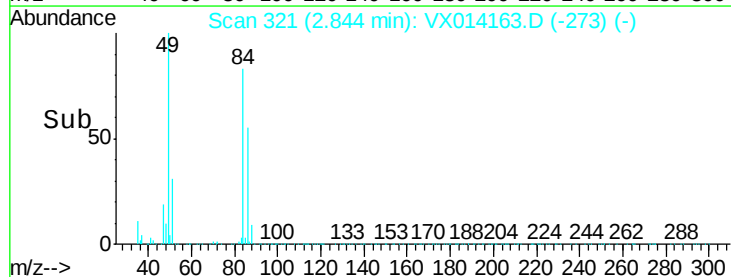
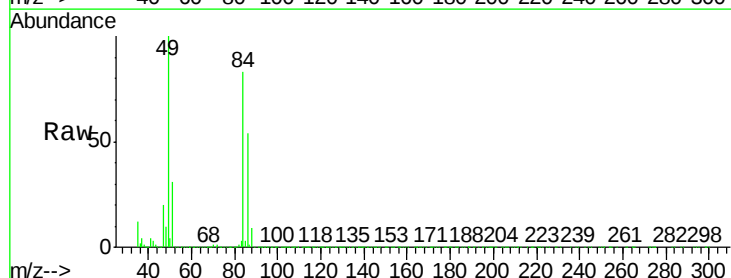
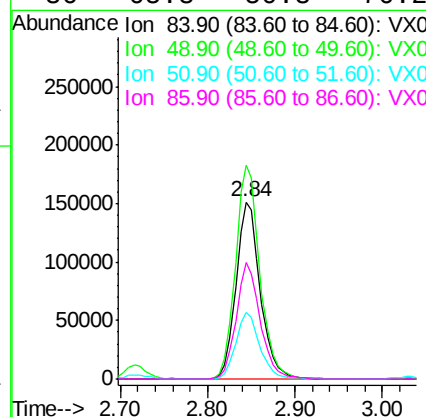
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#20
Methylene Chloride
Concen: 46.095 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	95.8	143.6
51	37.1	29.8	44.8
86	65.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.437 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

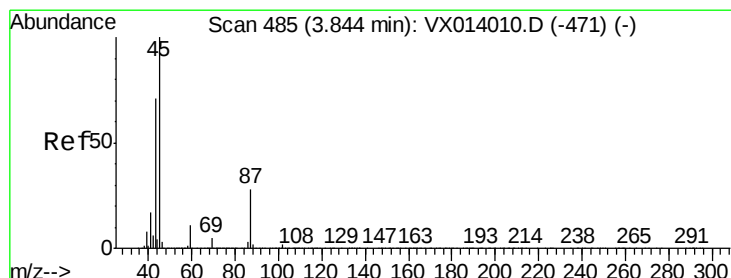
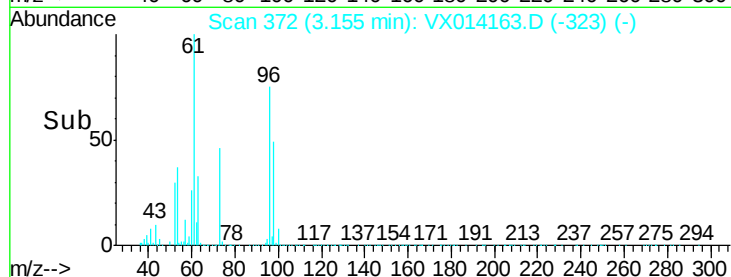
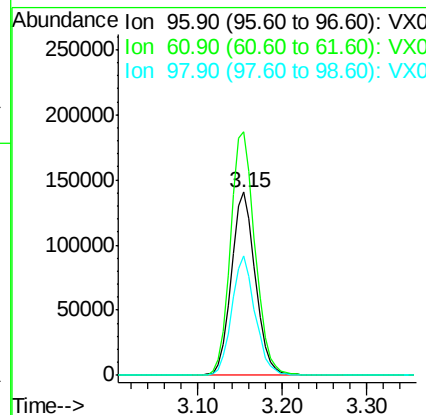
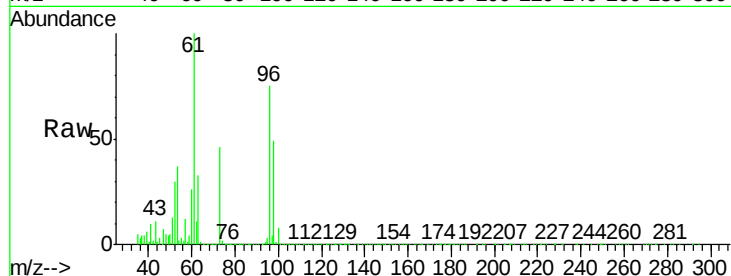
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	274073
Ion Ratio	Lower	Upper	
96	100		
61	133.1	108.3	162.5
98	65.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.518 ug/l

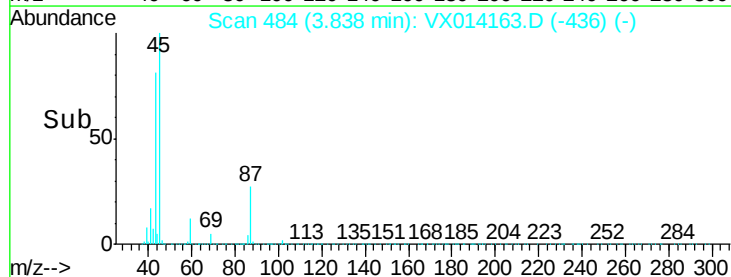
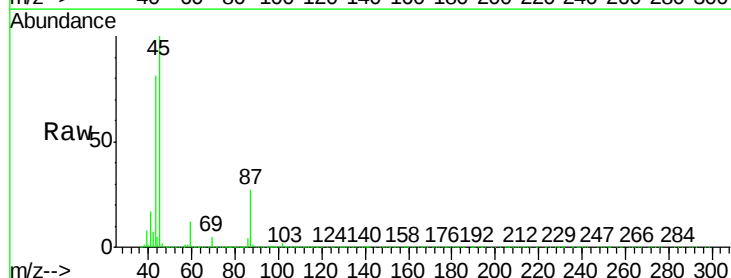
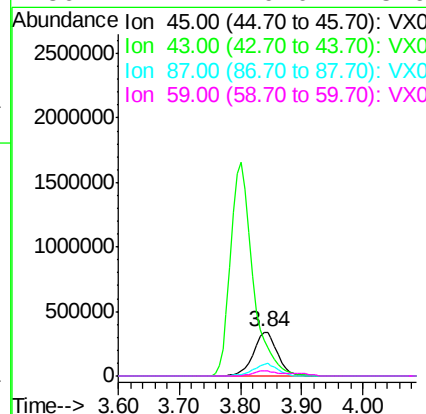
RT: 3.84 min Scan# 484

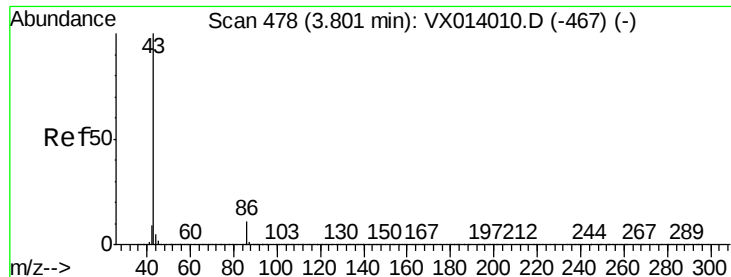
Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	45	Resp:	942631
Ion Ratio	Lower	Upper	
45	100		
43	80.6	57.4	86.0
87	27.1	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 274.252 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4176041

Ion Ratio Lower Upper

43 100

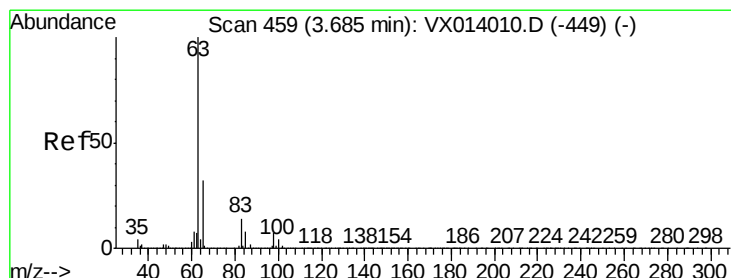
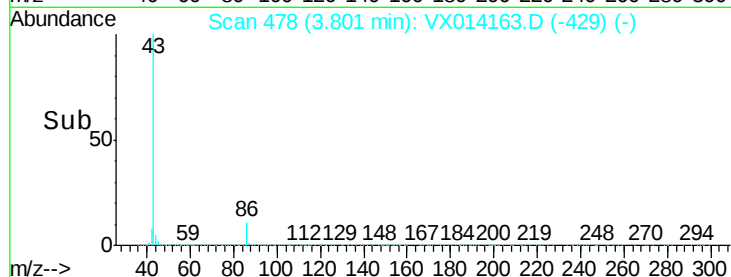
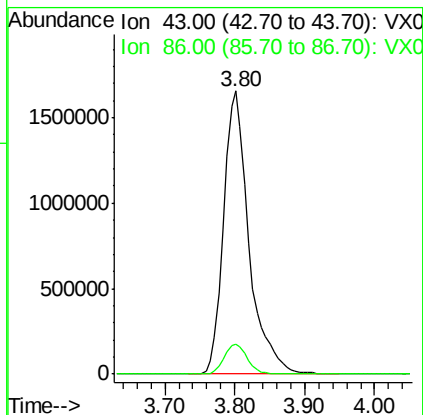
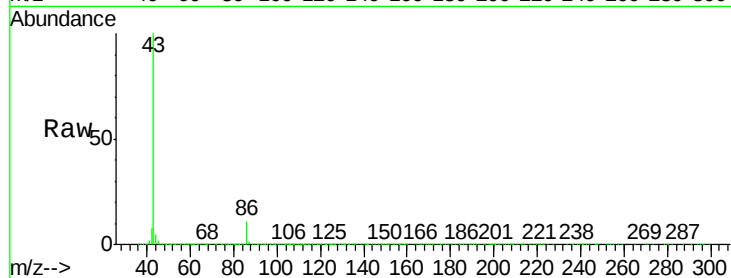
86 10.7 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.277 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

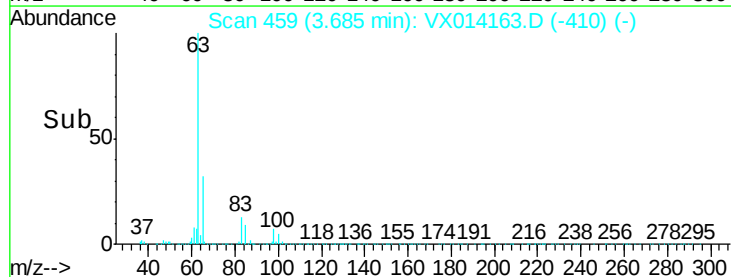
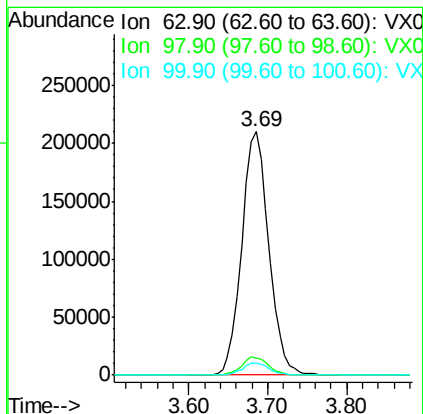
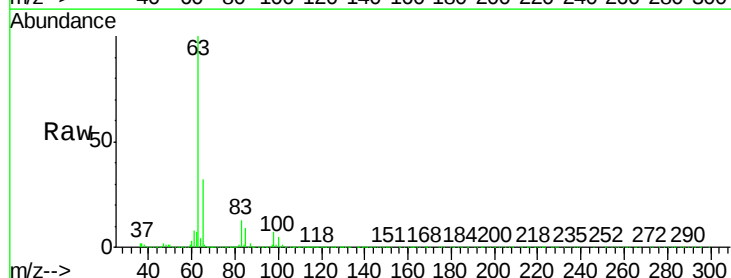
Tgt Ion: 63 Resp: 501175

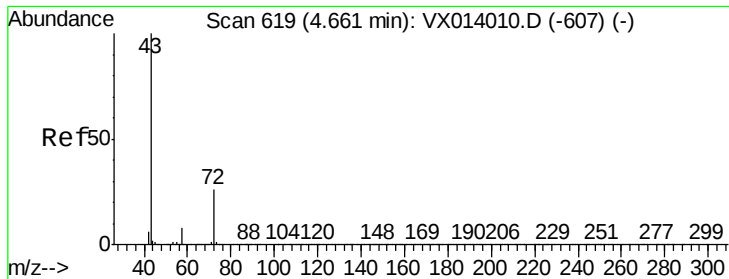
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 246.787 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tot Ion: 43 Resp: 1220518

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

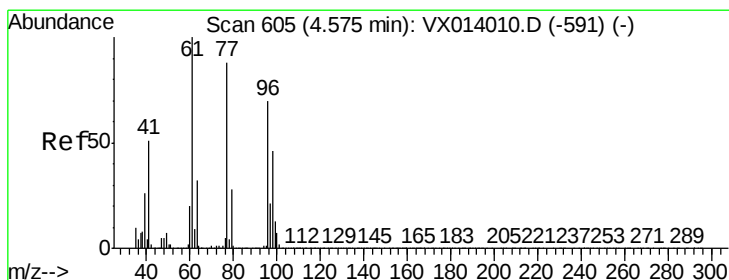
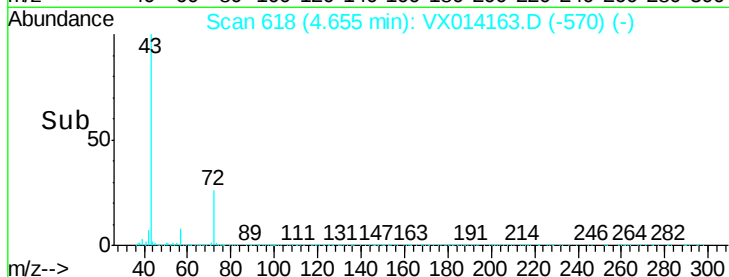
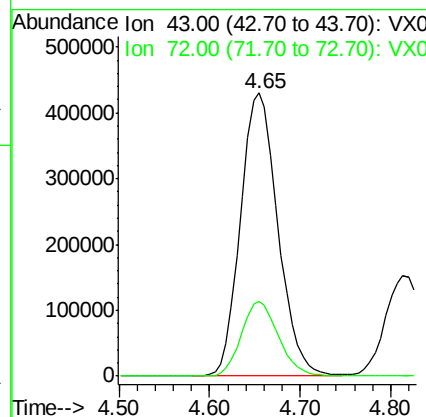
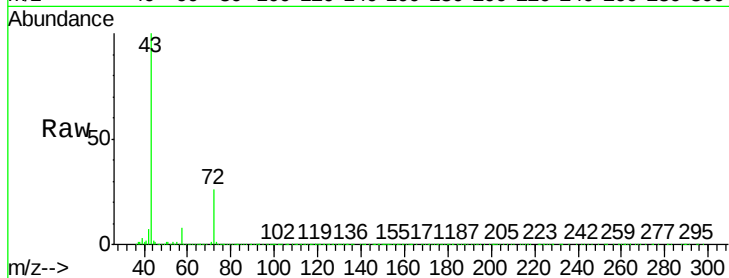
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 50.598 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014163.D

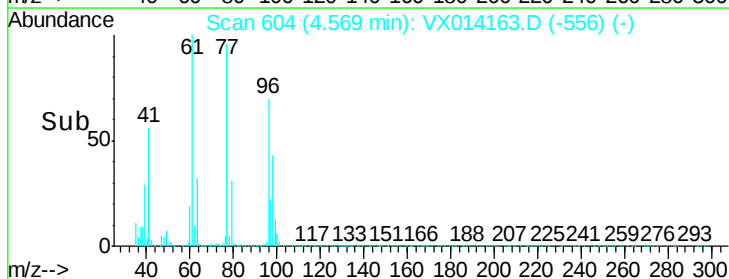
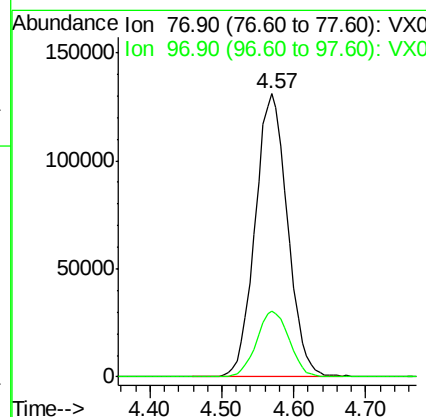
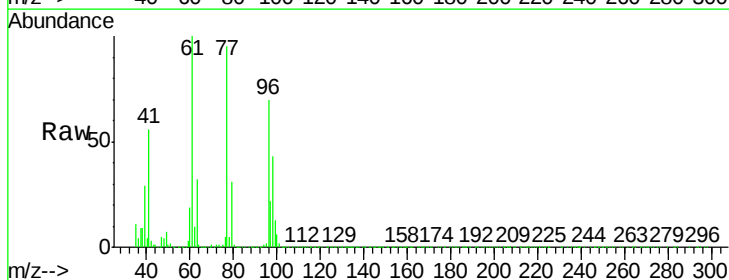
Acq: 20 Dec 2019 10:28

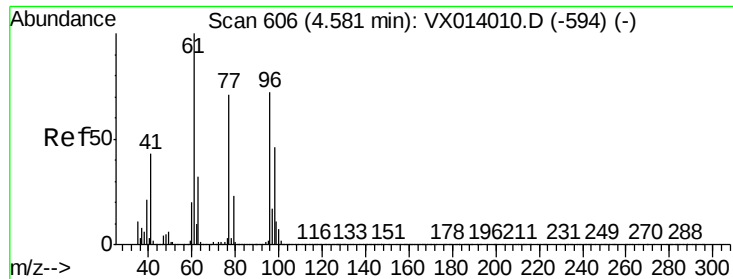
Tgt Ion: 77 Resp: 407832

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

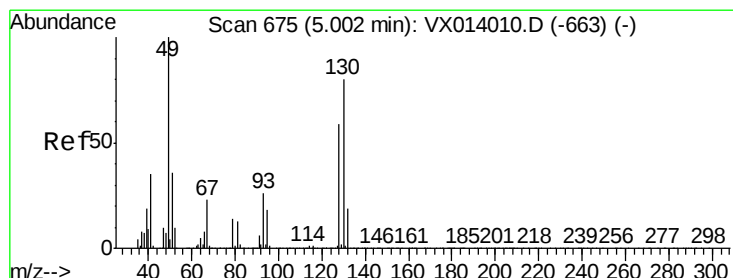
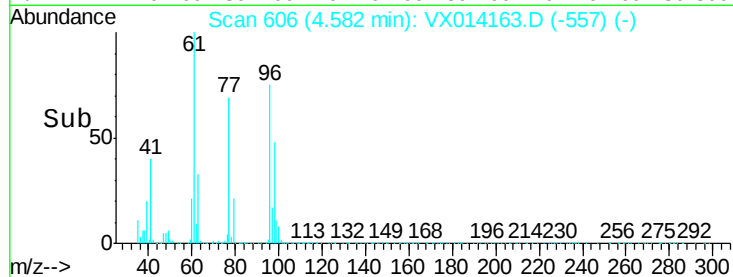
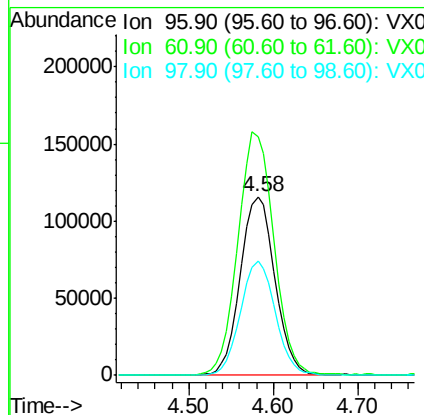
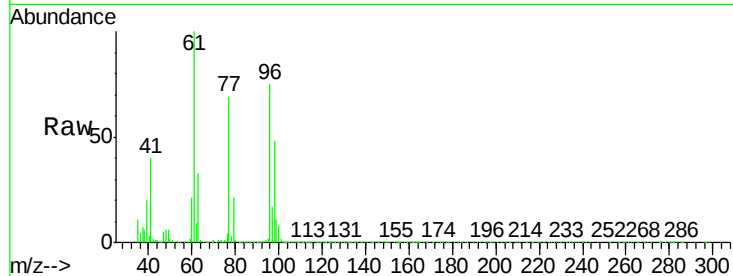
cis-1,2-Dichloroethene
Concen: 49.253 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	321828		
61	141.3	0.0	288.4	
98	64.6	0.0	129.6	

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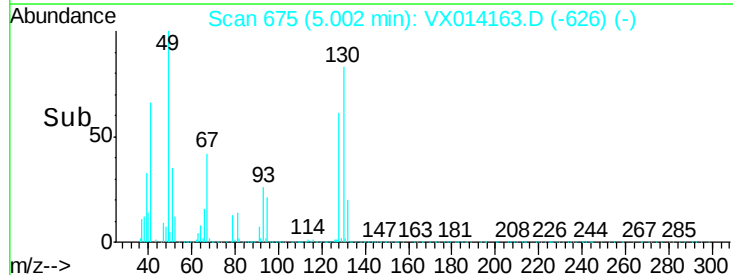
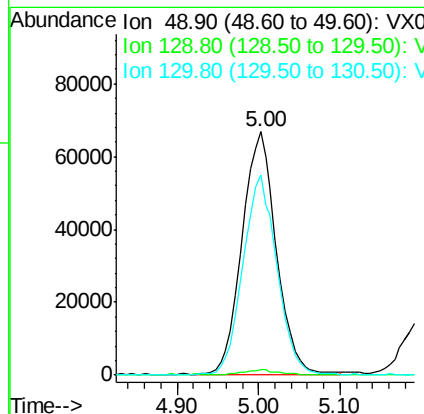
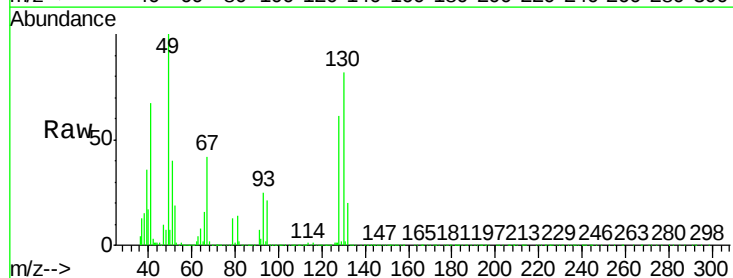
apatel
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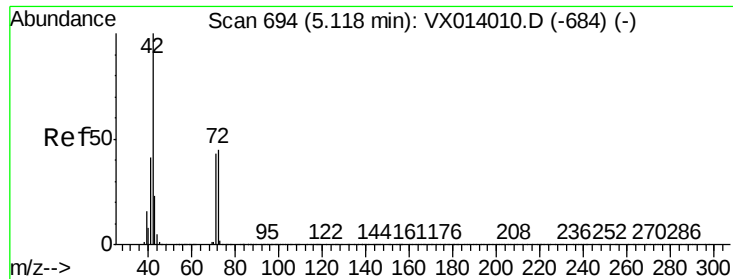


#28

Bromochloromethane
Concen: 48.583 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	193917		
129	2.4	0.0	5.0	
130	81.7	64.6	97.0	





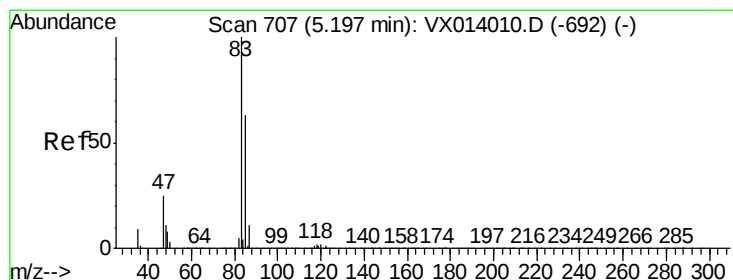
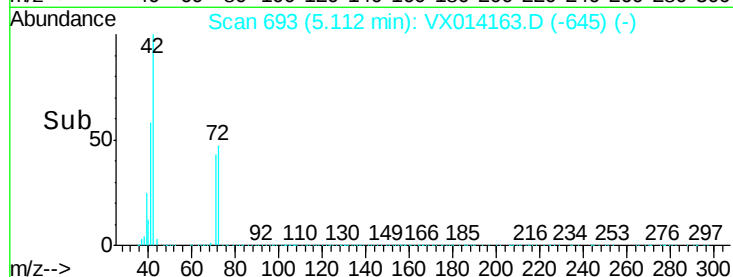
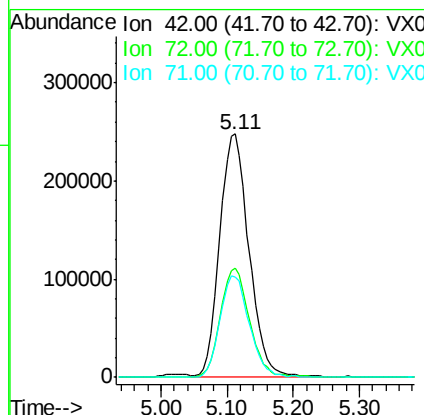
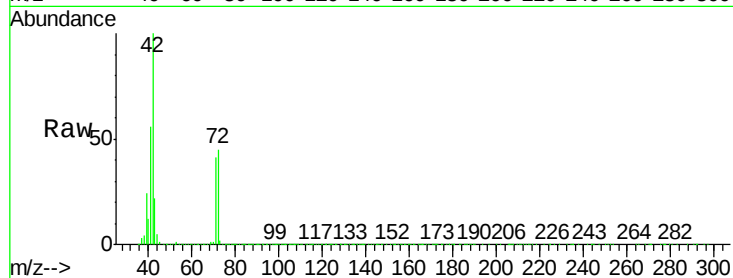
#29
Tetrahydrofuran
Concen: 273.867 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	41.8	33.6	50.4

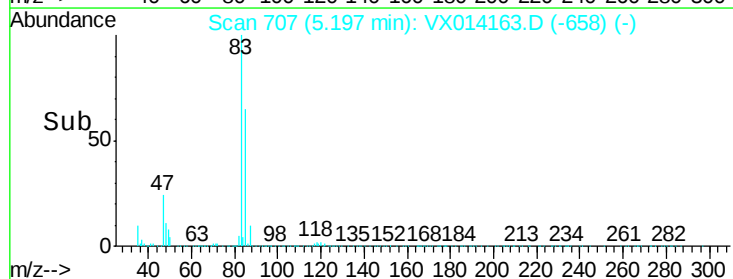
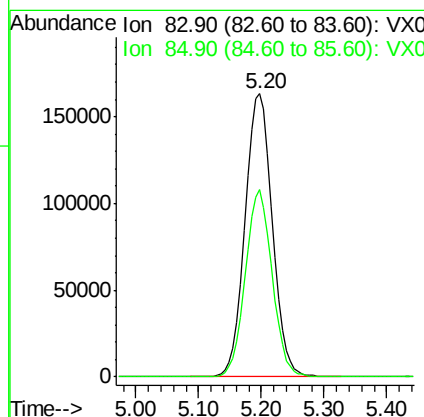
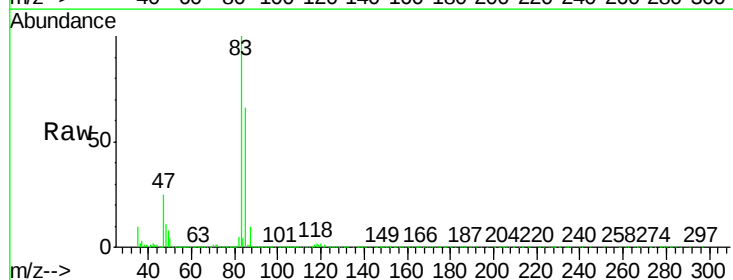
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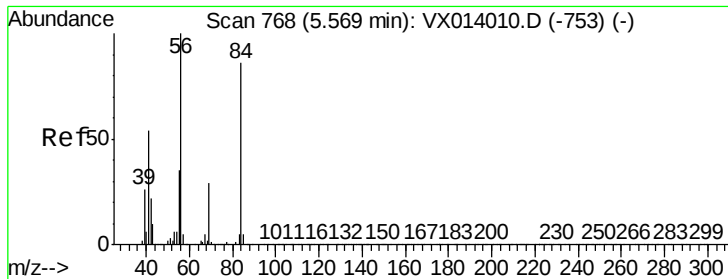
apatel
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#30
Chloroform
Concen: 49.964 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.8	76.2





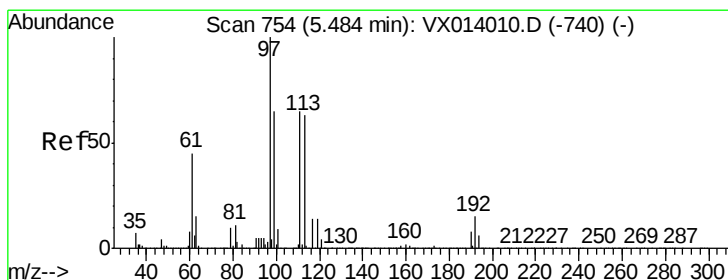
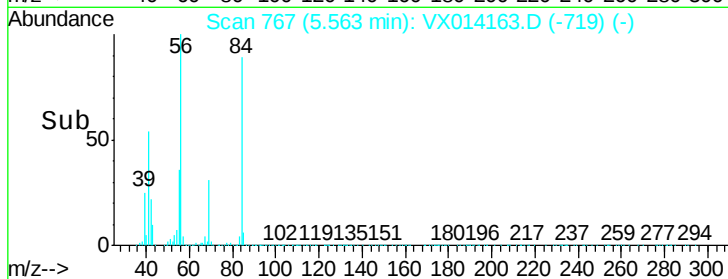
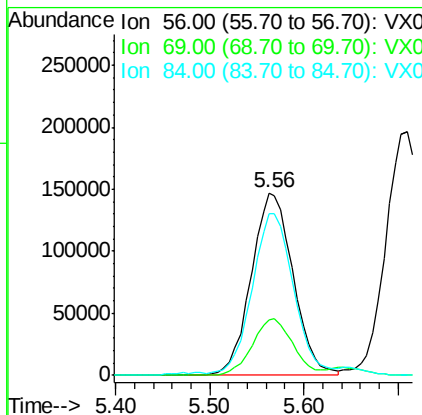
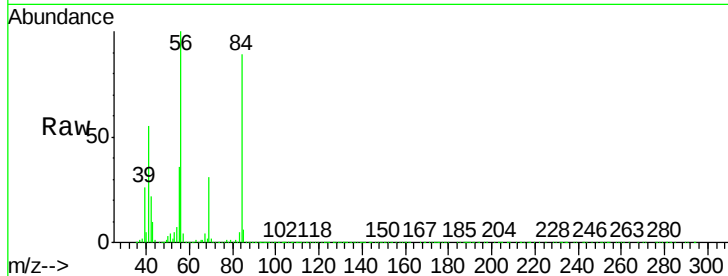
#31
Cyclohexane
Concen: 49.293 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.2	34.8
84	87.4	69.2	103.8

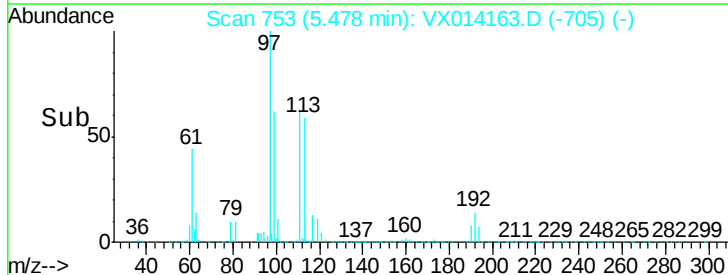
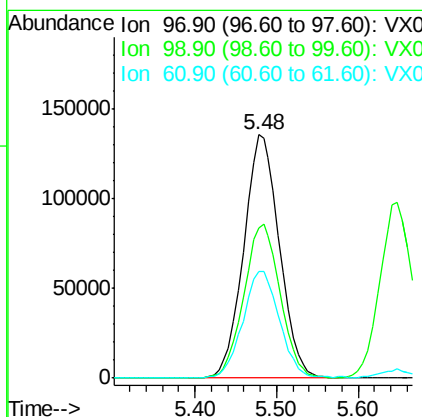
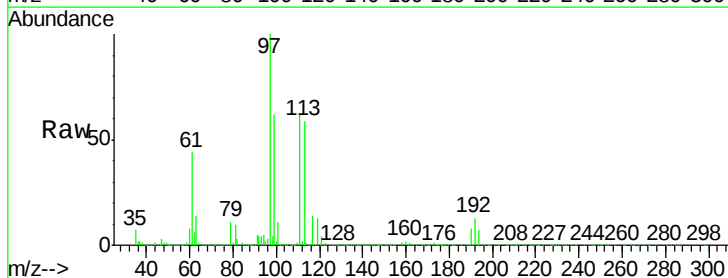
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#32
1,1,1-Trichloroethane
Concen: 49.009 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	44.8	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 48.467 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 299475

Ion Ratio Lower Upper

65 100

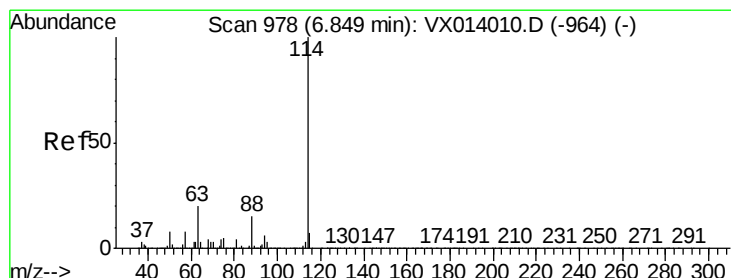
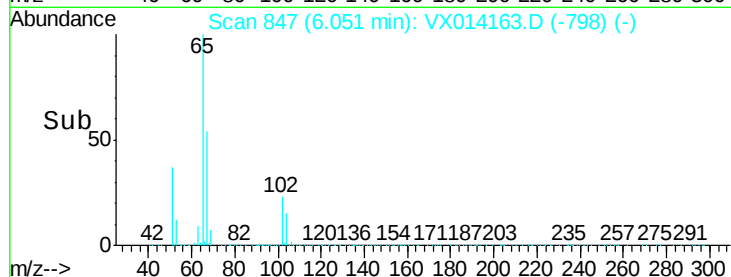
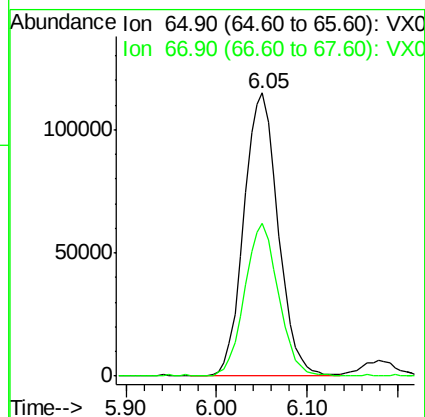
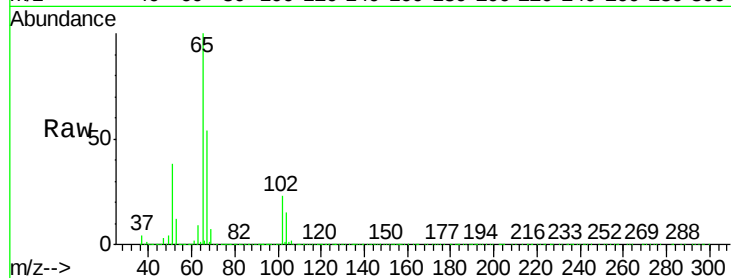
67 53.0 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

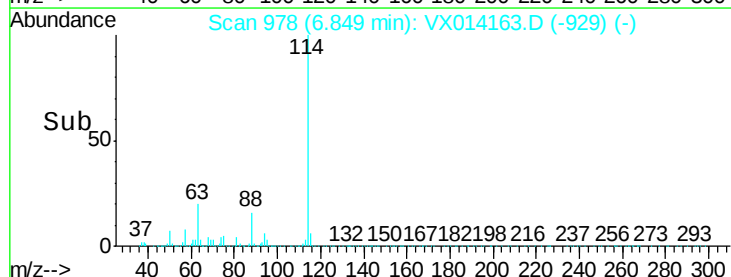
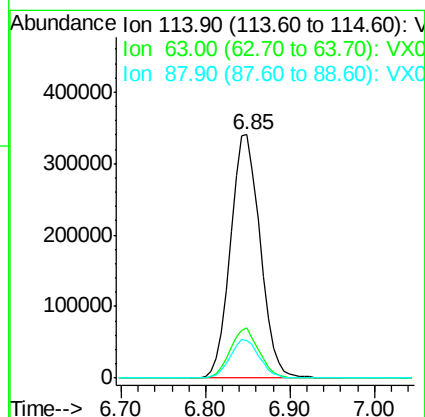
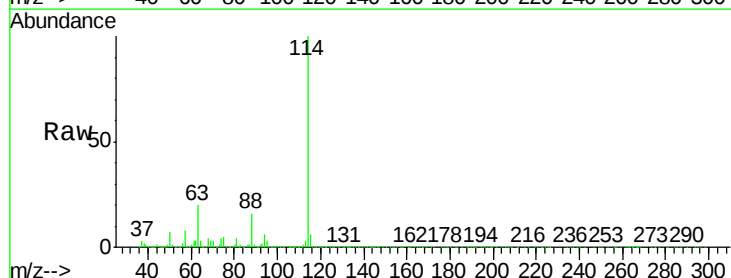
Tgt Ion: 114 Resp: 814548

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.5 0.0 30.4





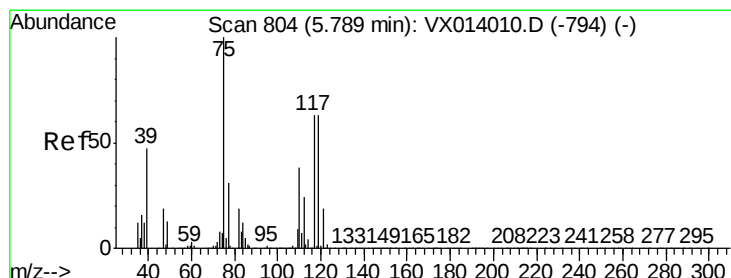
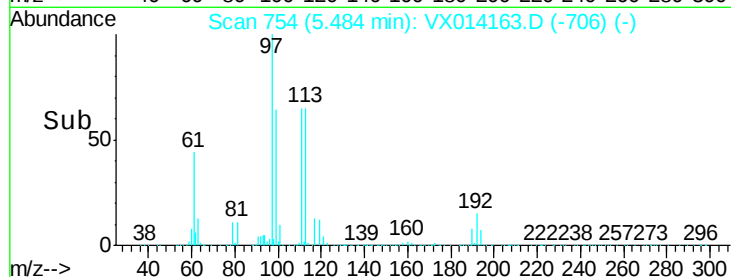
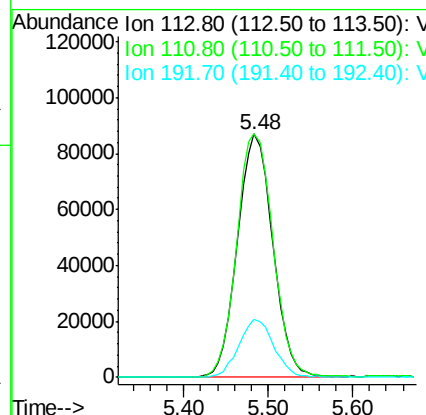
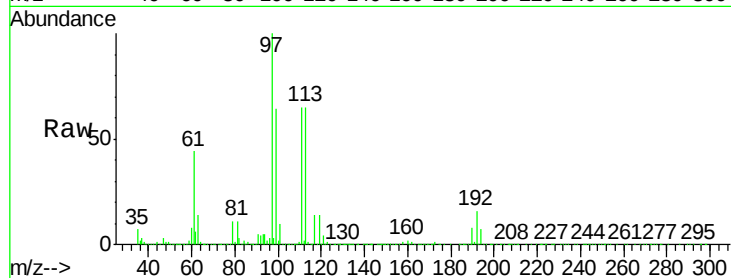
#35
Dibromofluoromethane
Concen: 49.737 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.8	19.3	28.9

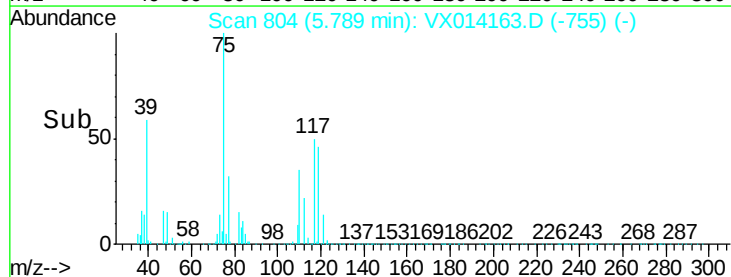
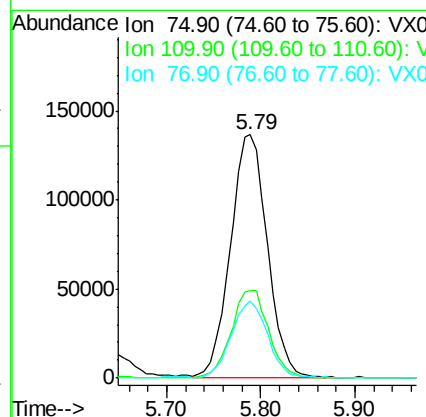
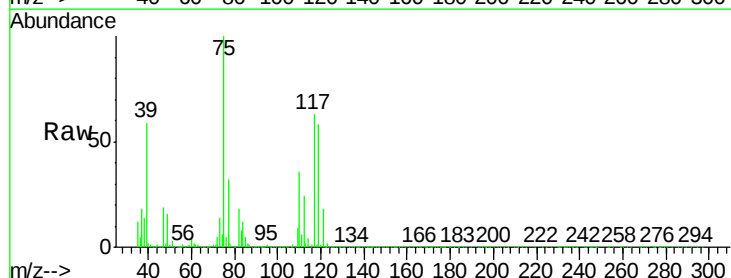
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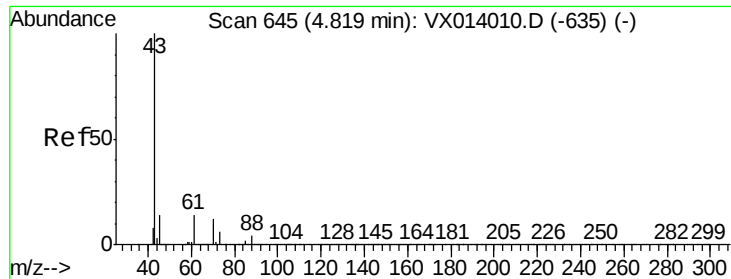
apatel
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#36
1,1-Dichloropropene
Concen: 49.346 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
110	36.6	18.3	54.9
77	30.8	24.8	37.2





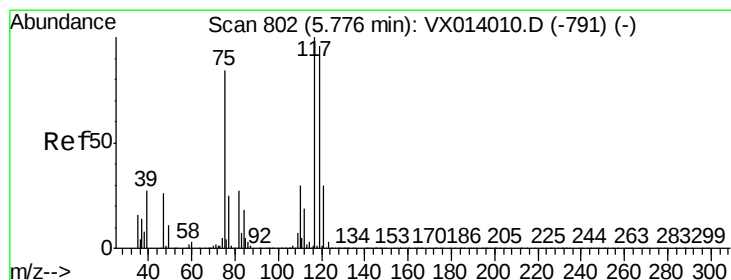
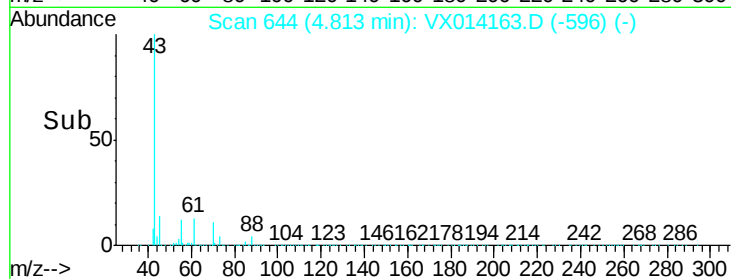
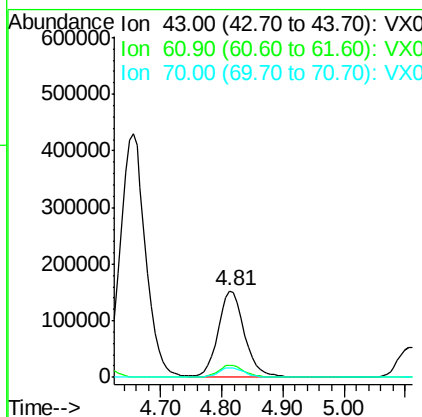
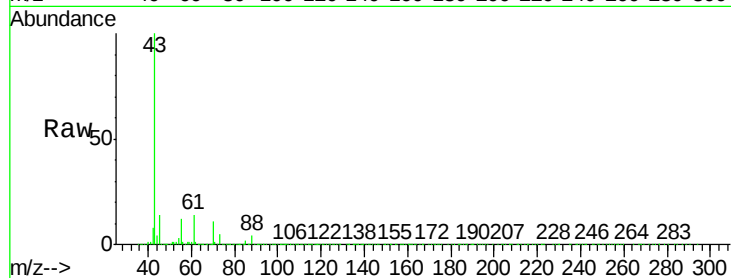
#37
Ethyl Acetate
Concen: 55.250 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	11.0	8.6	12.8

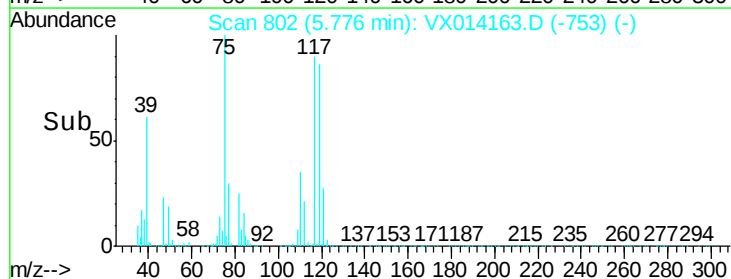
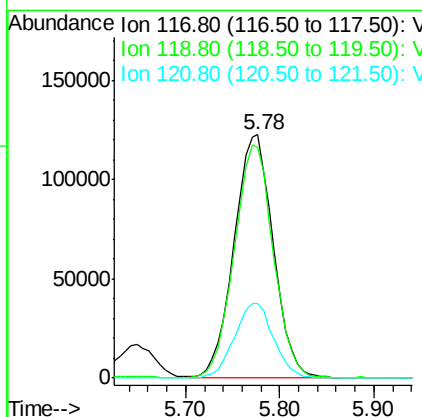
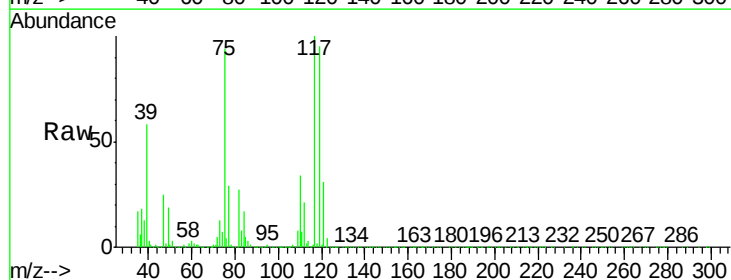
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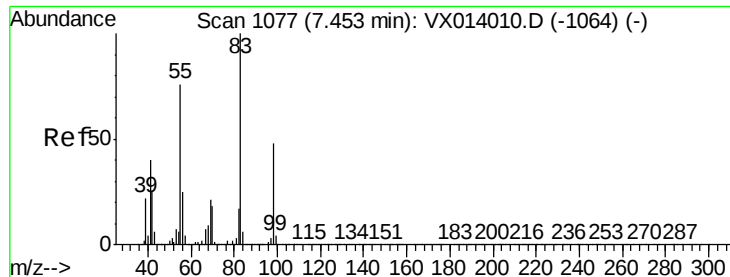
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#38
Carbon Tetrachloride
Concen: 52.077 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.2	114.4
121	30.7	23.6	35.4





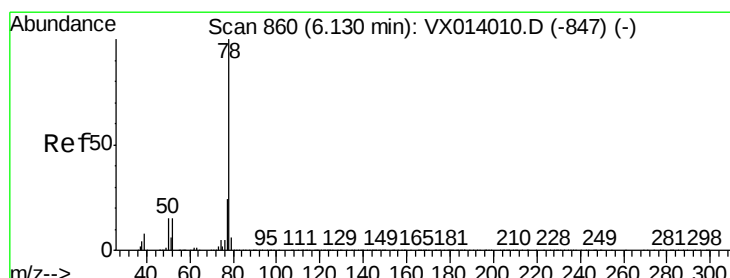
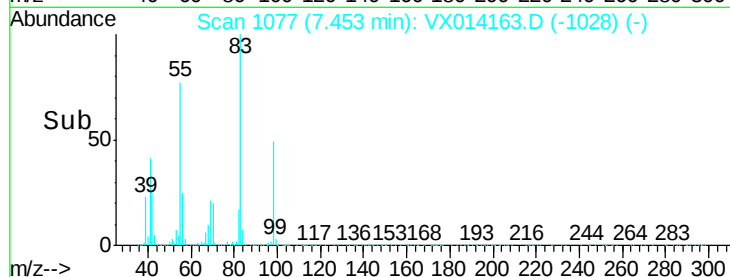
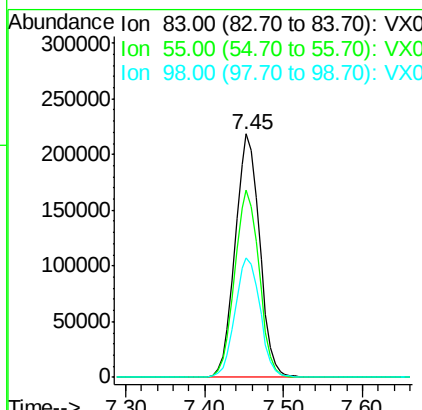
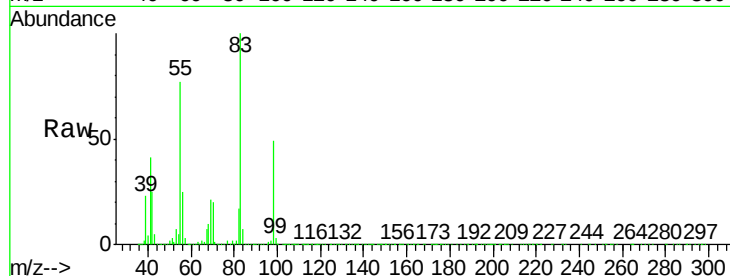
#39
Methvlcvclohexane
Concen: 51.161 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.0	91.6
98	48.9	38.6	57.8

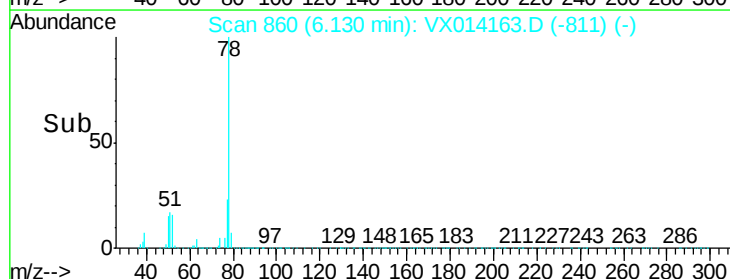
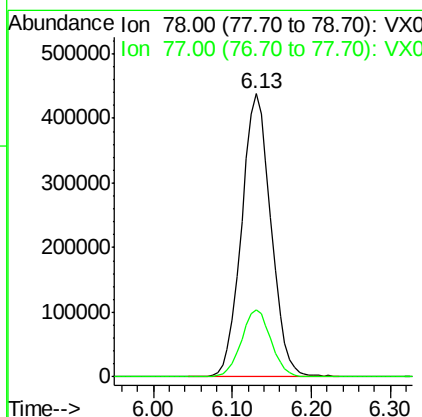
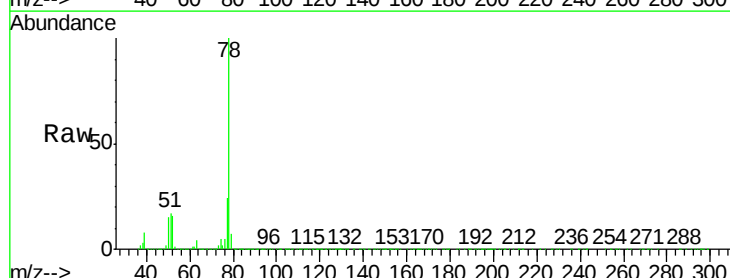
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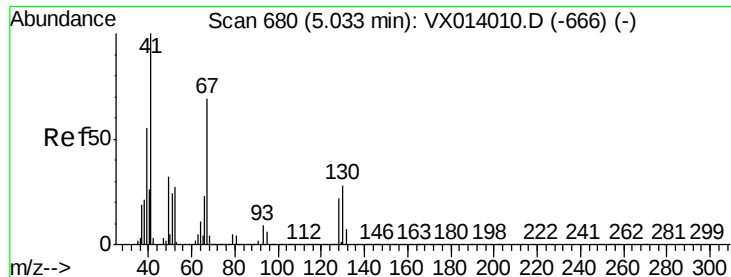
apatel
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#40
Benzene
Concen: 49.295 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





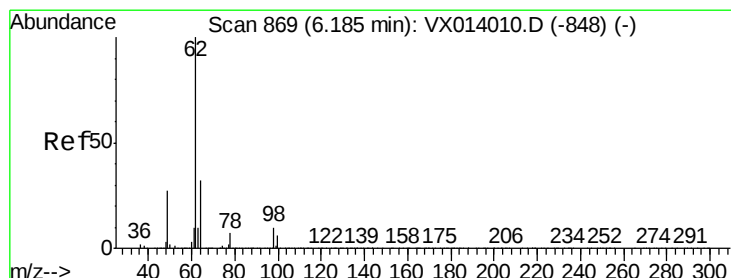
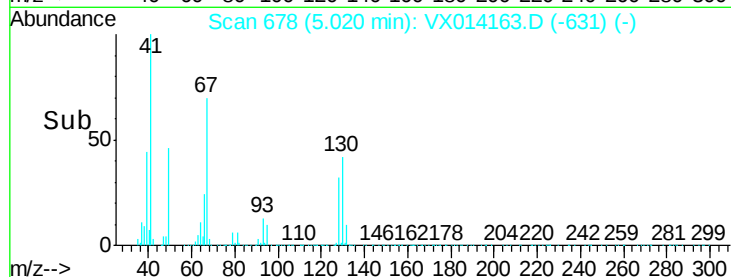
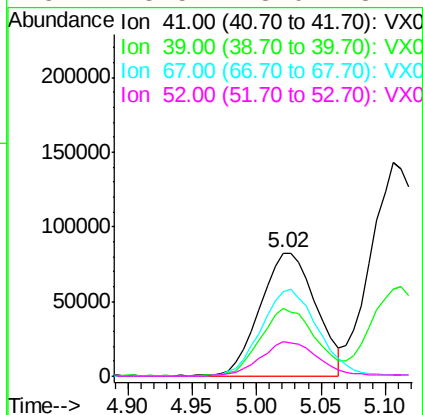
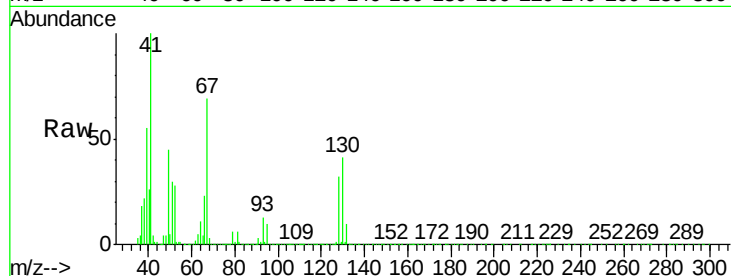
#41
Methacrylonitrile
Concen: 53.938 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	44.5	66.7	
67	71.8	57.4	86.0	
52	28.5	23.0	34.4	

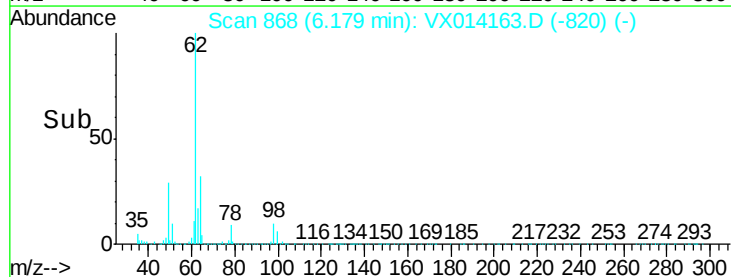
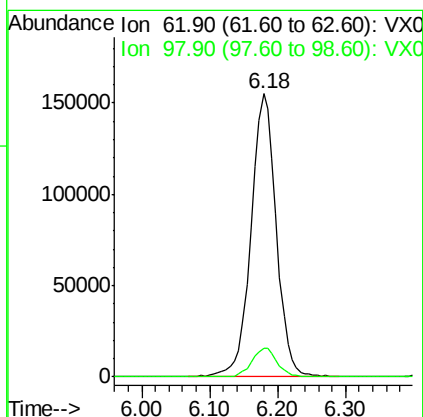
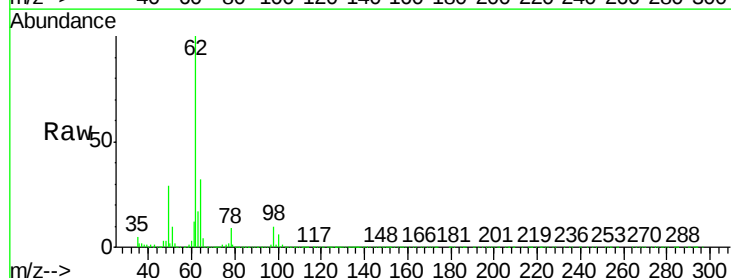
Manual Integrations
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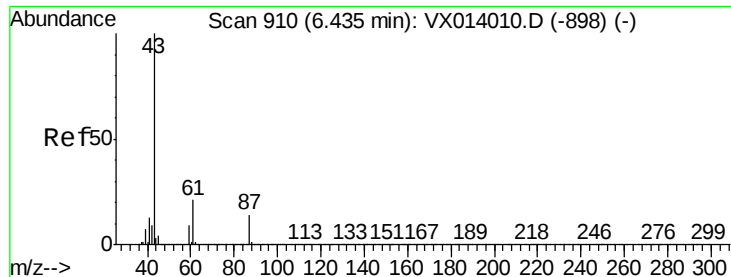
apatel
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#42
1,2-Dichloroethane
Concen: 51.263 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	21.0	





#43

Isopropyl Acetate

Concen: 54.287 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

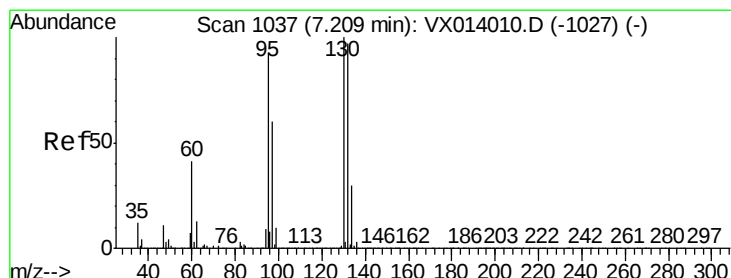
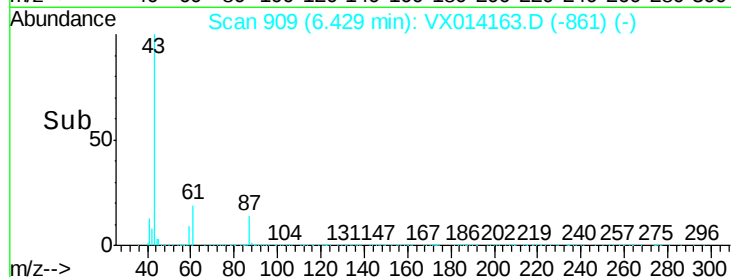
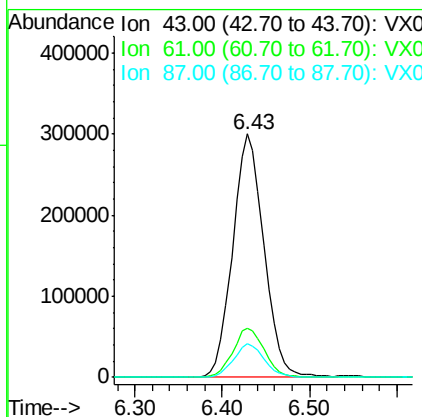
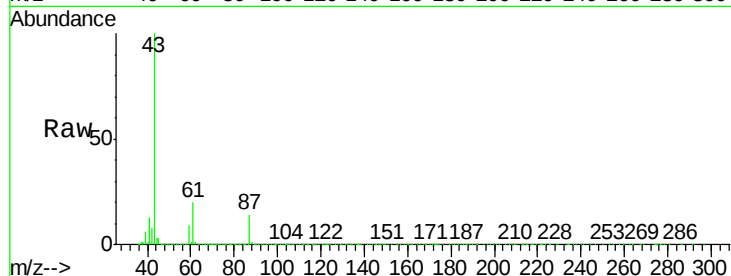
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	741499
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.5	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 49.156 ug/l

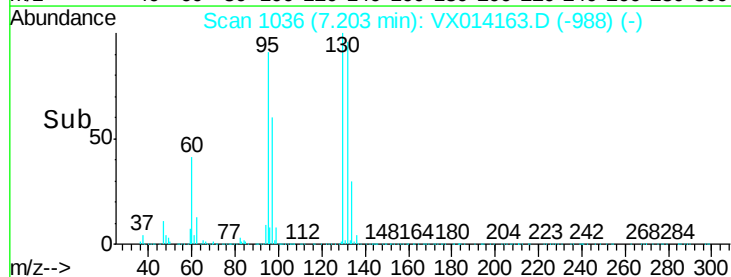
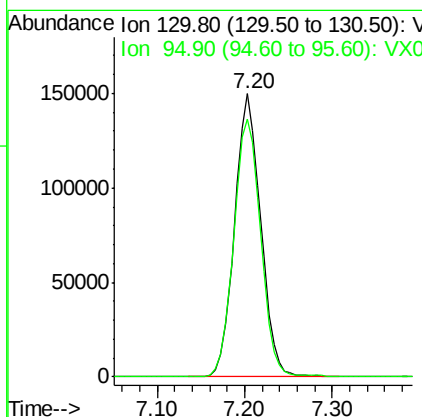
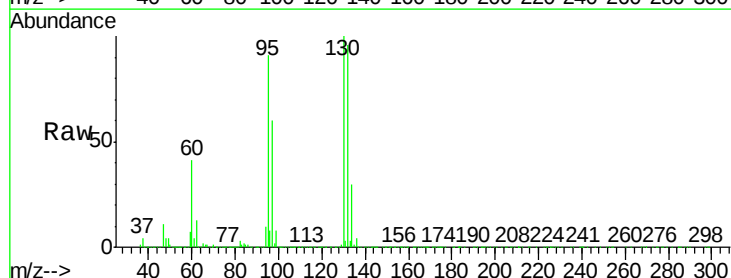
RT: 7.20 min Scan# 1036

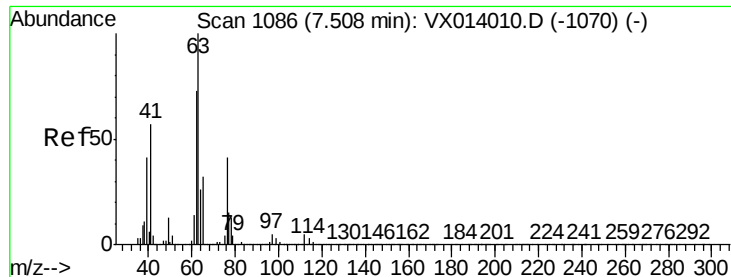
Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	130	Resp:	312228
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 51.031 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 300786

Ion Ratio Lower Upper

63 100

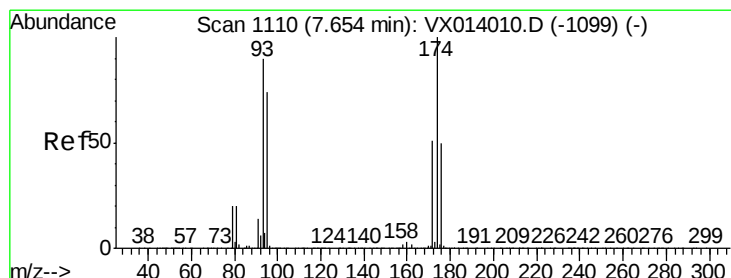
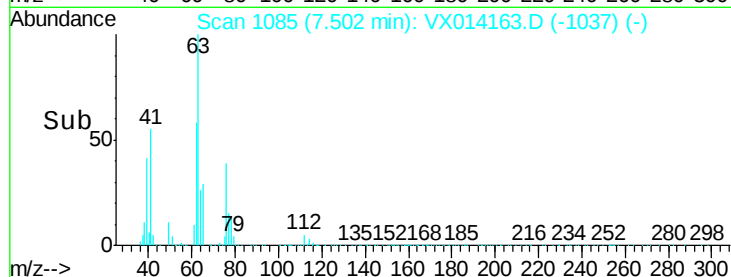
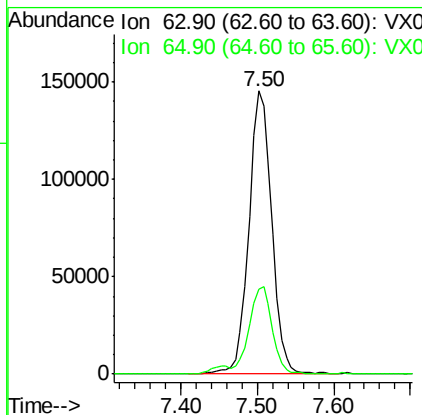
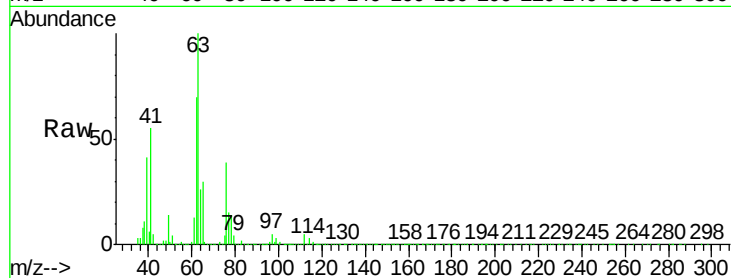
65 29.9 25.8 38.8

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#46

Dibromomethane

Concen: 50.933 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

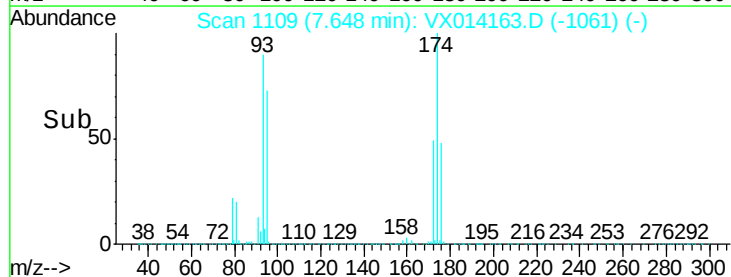
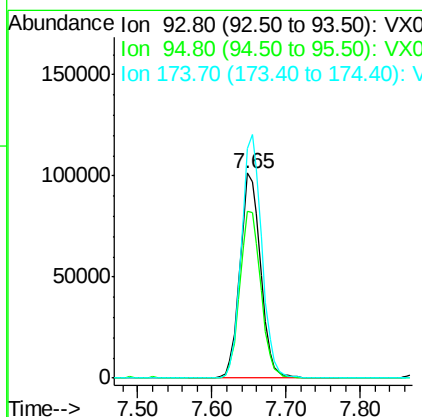
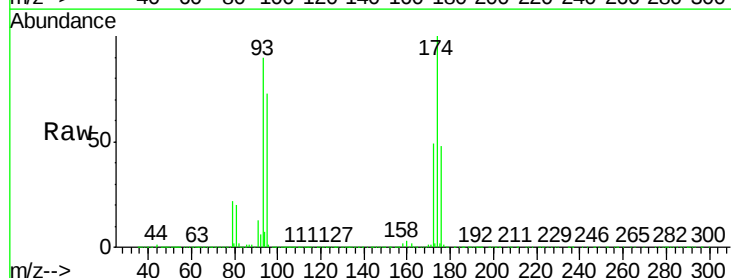
Tgt Ion: 93 Resp: 198483

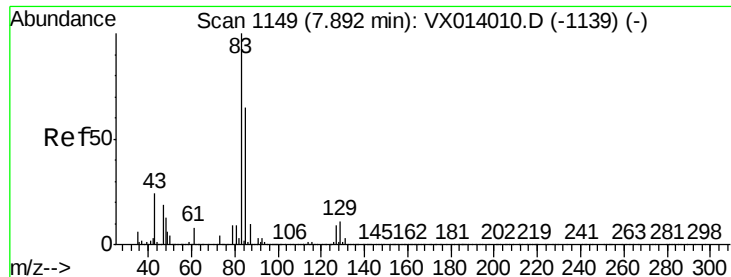
Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

174 116.7 91.6 137.4





#47

Bromodichloromethane

Concen: 53.328 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

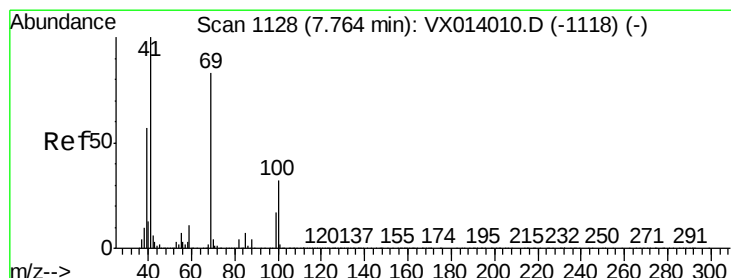
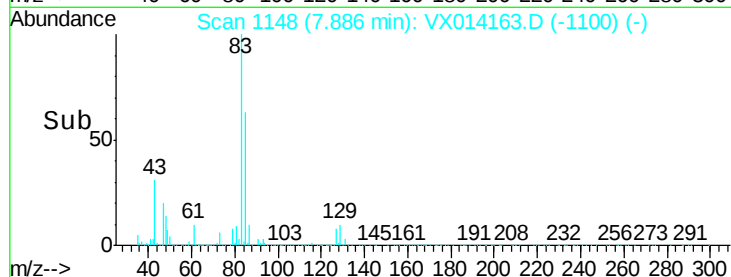
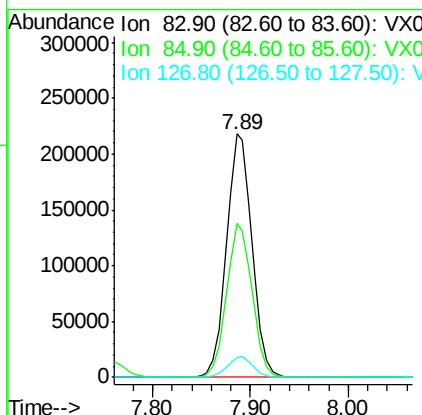
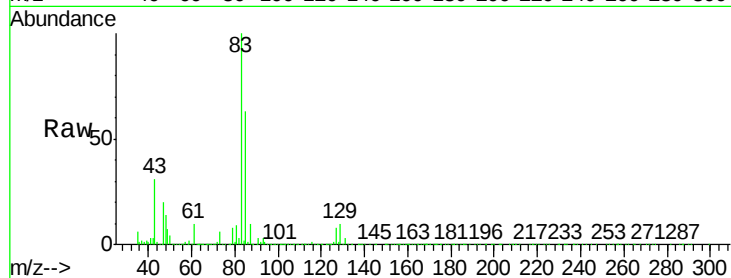
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	391390
Ion Ratio		Lower	Upper
83	100		
85	63.1	51.8	77.8
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.133 ug/l

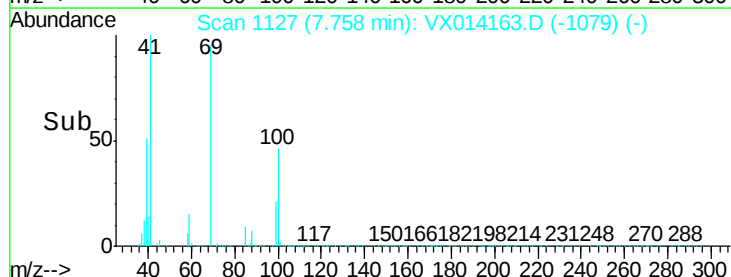
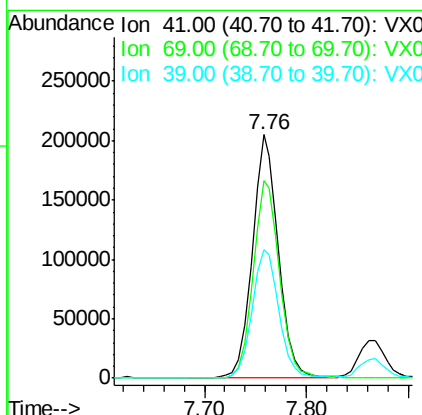
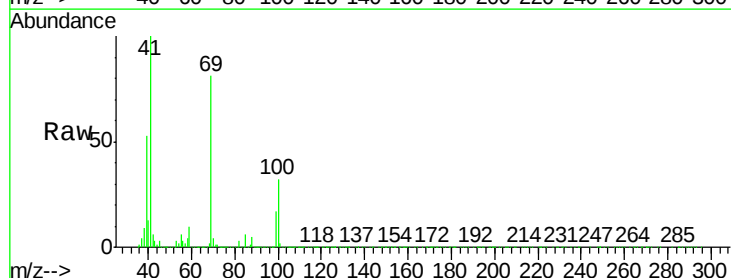
RT: 7.76 min Scan# 1127

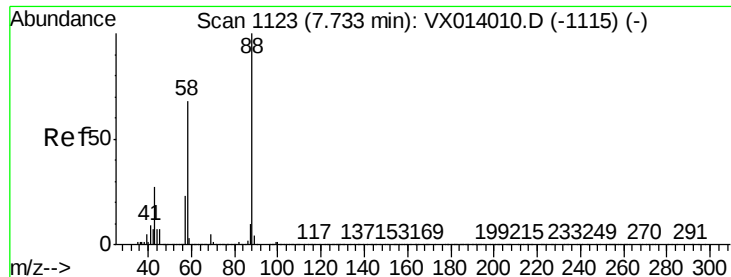
Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	41	Resp:	362064
Ion Ratio		Lower	Upper
41	100		
69	82.9	65.8	98.6
39	54.6	44.6	67.0





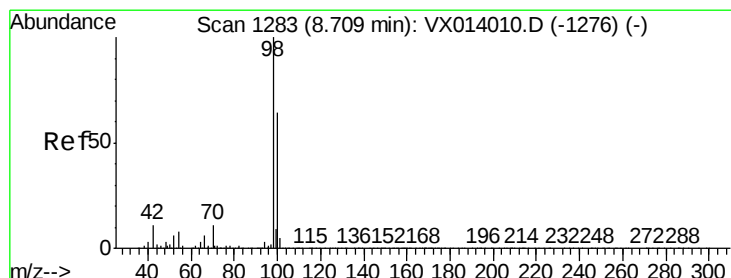
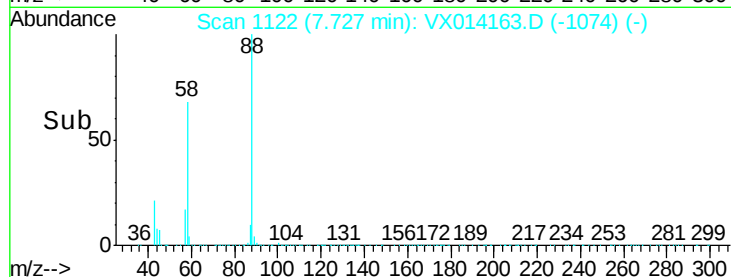
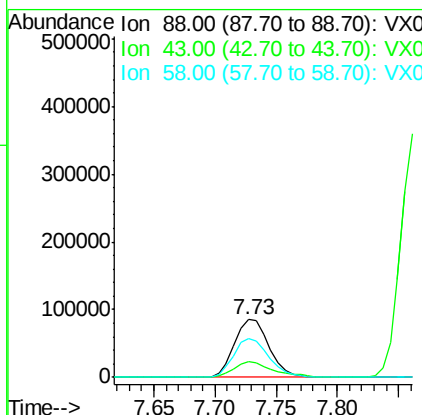
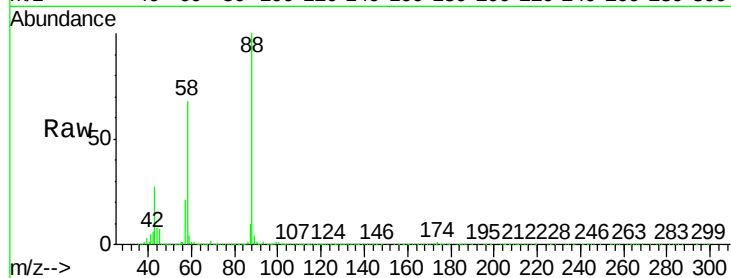
#49
1,4-Dioxane
Concen: 1242.781 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	26.5	39.7
58	68.4	56.8	85.2

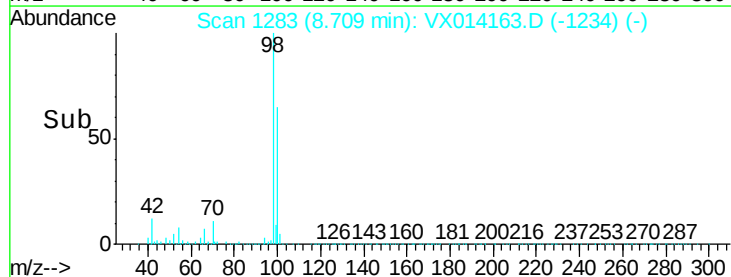
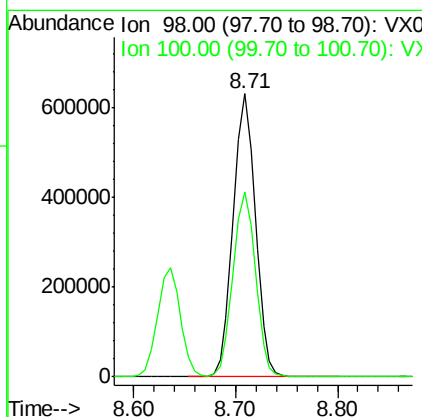
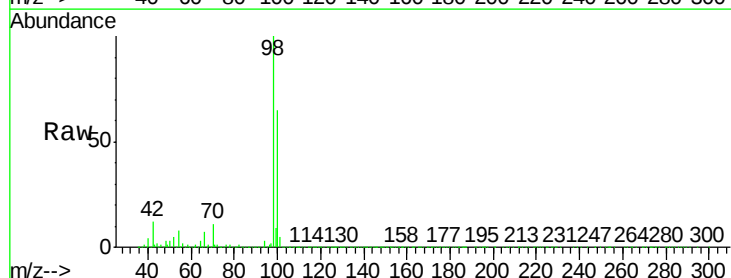
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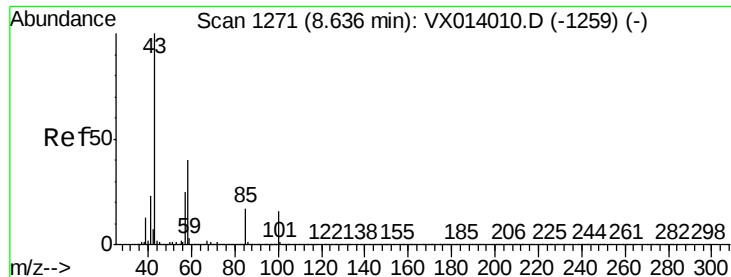
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#50
Toluene-d8
Concen: 49.359 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 270.602 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2321231

Ion Ratio Lower Upper

43 100

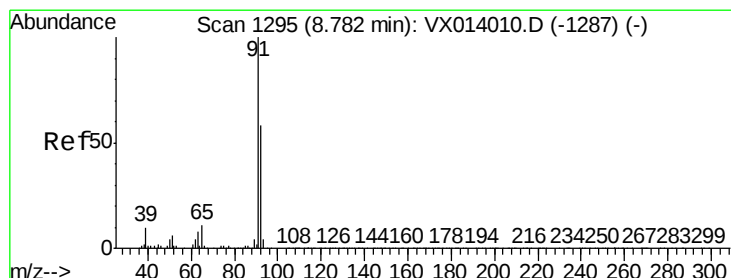
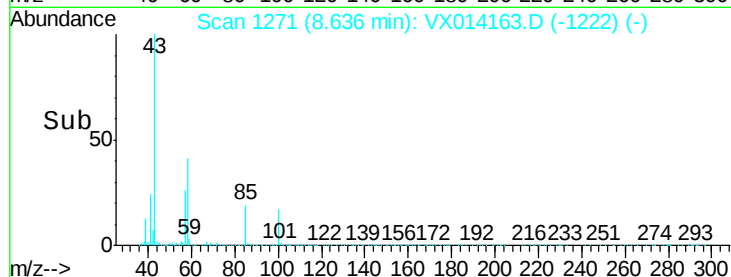
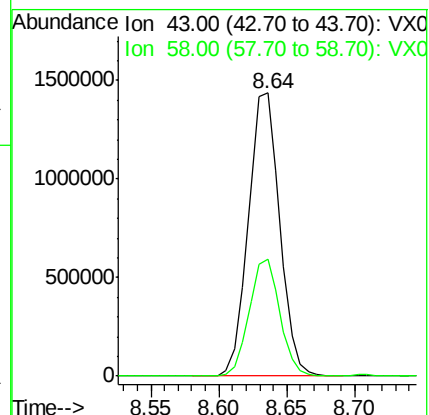
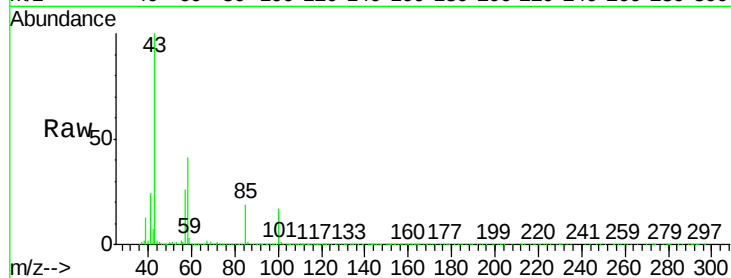
58 40.3 32.2 48.2

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#52

Toluene

Concen: 49.781 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014163.D

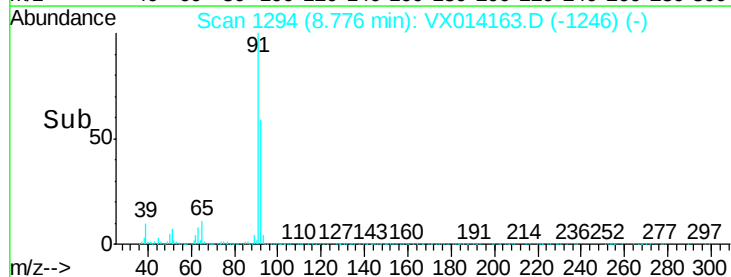
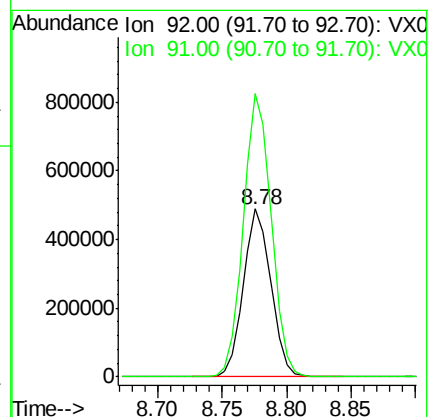
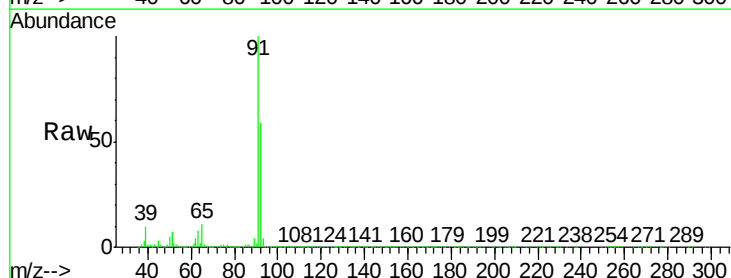
Acq: 20 Dec 2019 10:28

Tgt Ion: 92 Resp: 723583

Ion Ratio Lower Upper

92 100

91 170.3 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 54.506 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 438642

Ion Ratio Lower Upper

75 100

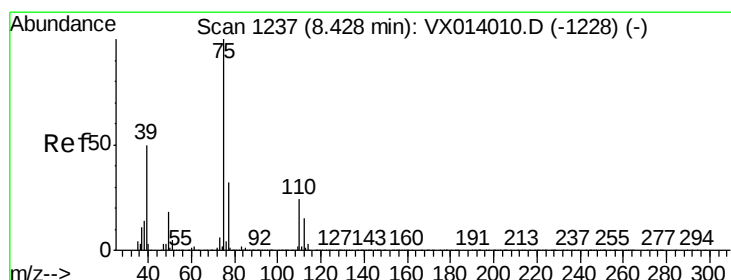
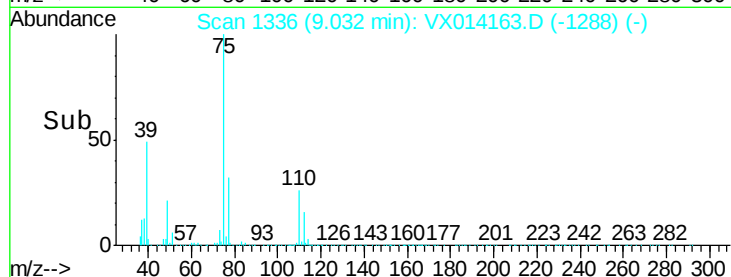
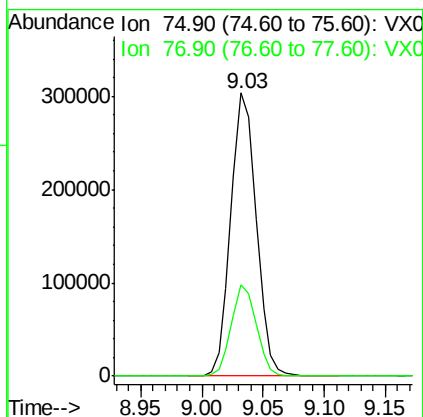
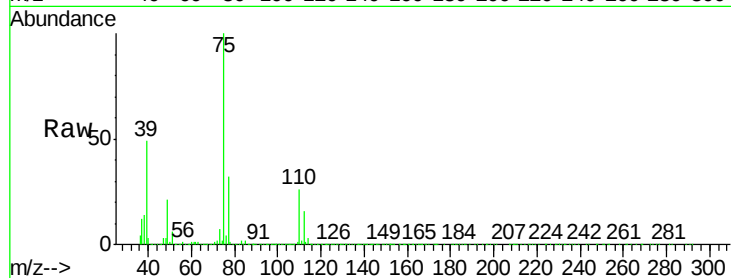
77 32.0 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.760 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

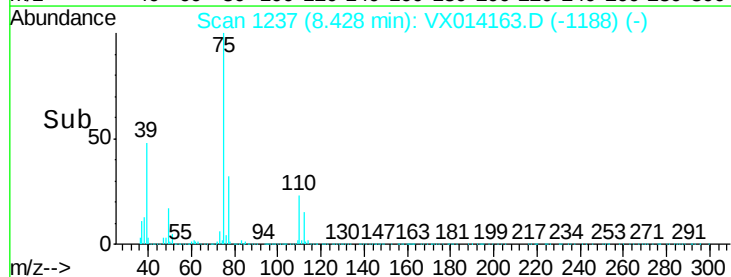
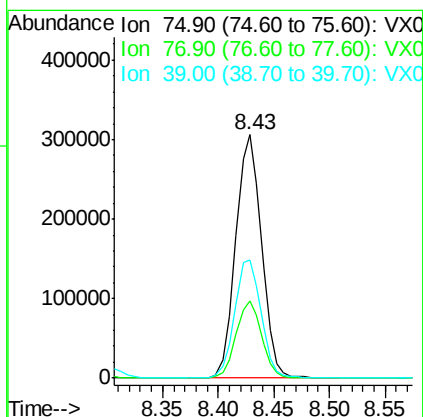
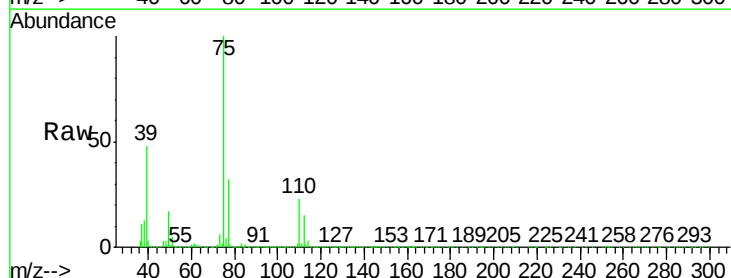
Tgt Ion: 75 Resp: 490954

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 48.4 39.9 59.9





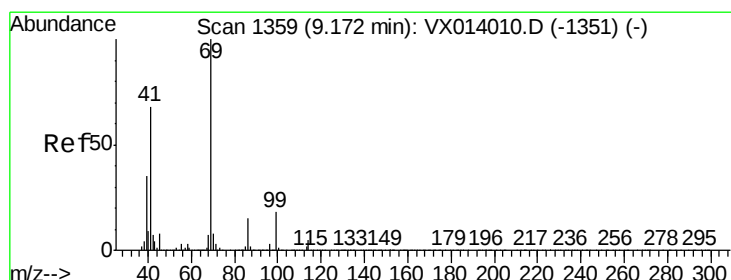
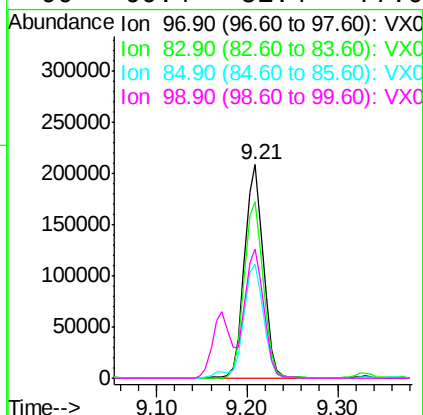
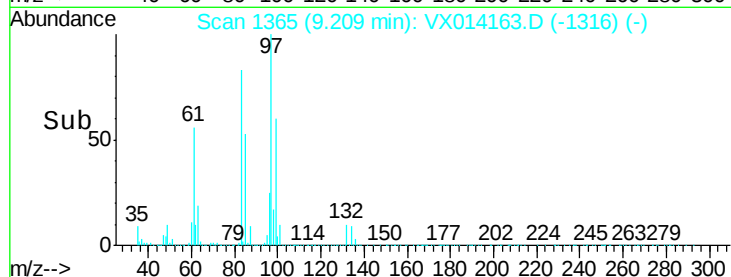
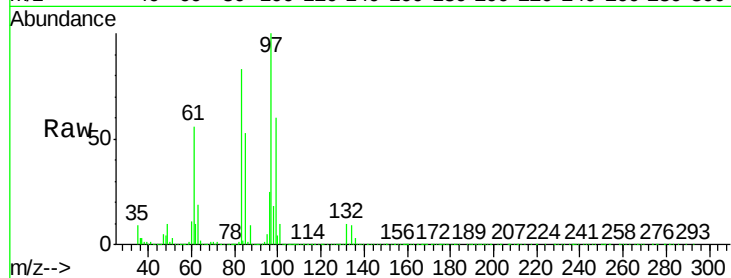
#55
 1,1,2-Trichloroethane
 Concen: 51.901 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.2	102.4
85	53.2	44.6	66.8
99	60.4	51.4	77.0

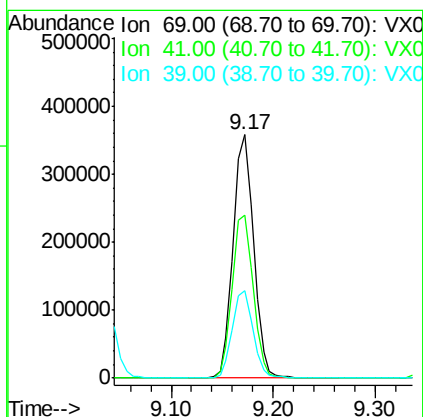
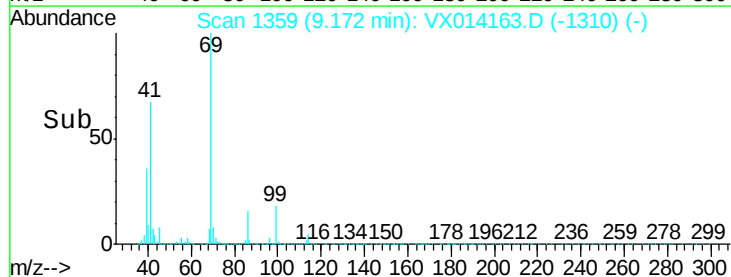
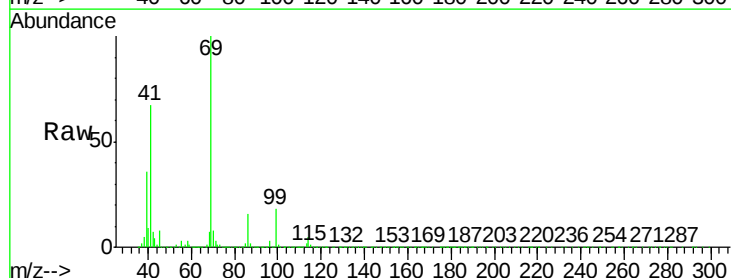
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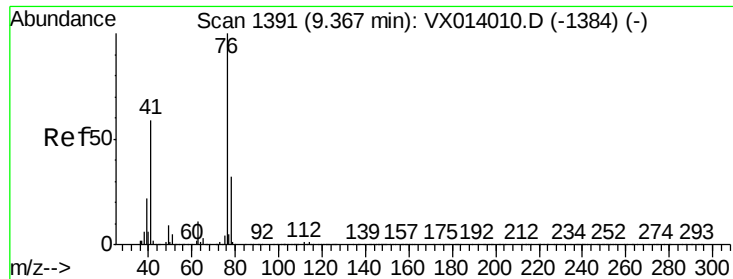
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#56
 Ethyl methacrylate
 Concen: 54.264 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	35.9	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.558 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 505345

Ion Ratio Lower Upper

76 100

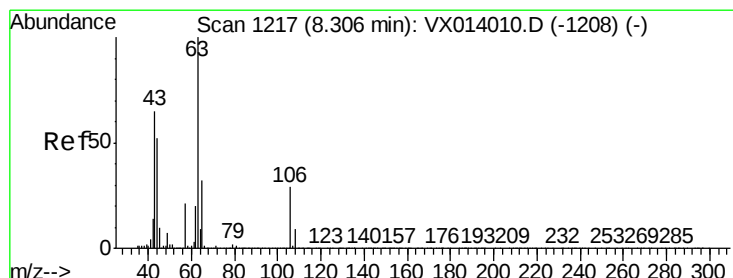
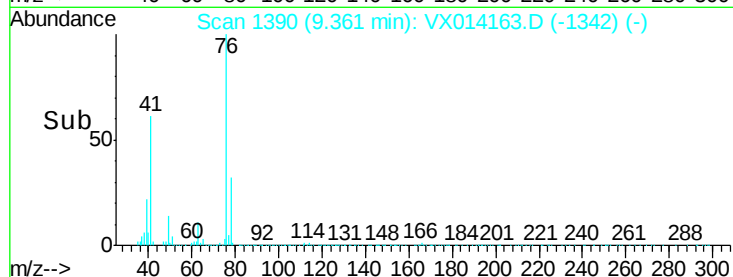
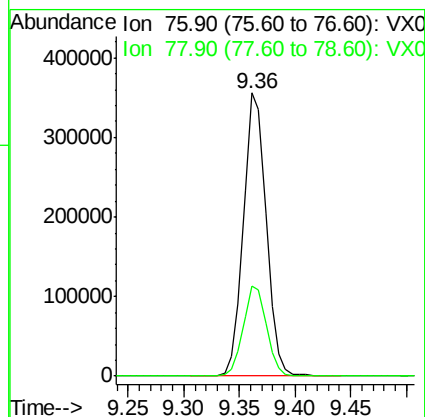
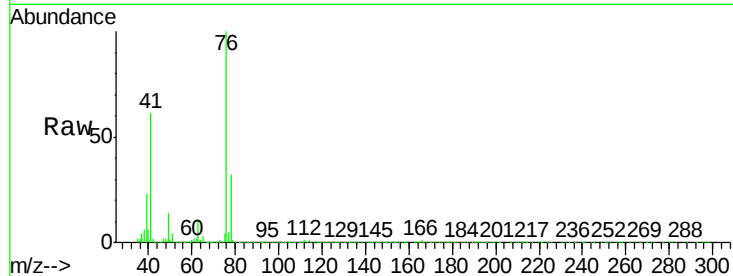
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 281.930 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014163.D

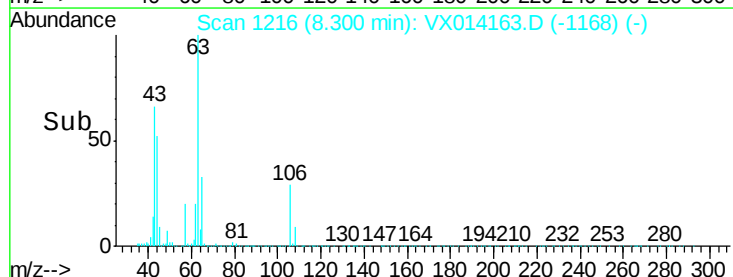
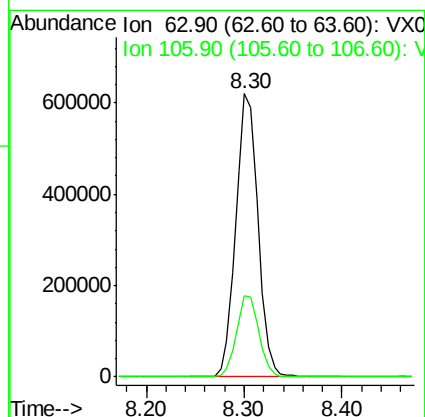
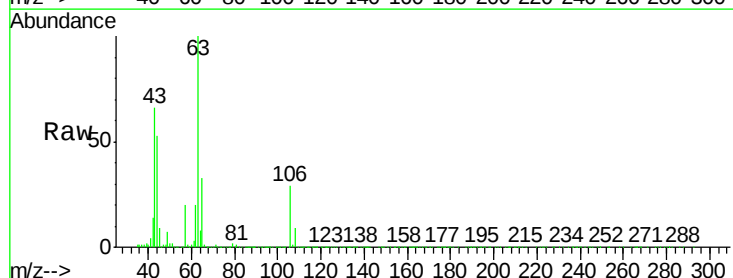
Acq: 20 Dec 2019 10:28

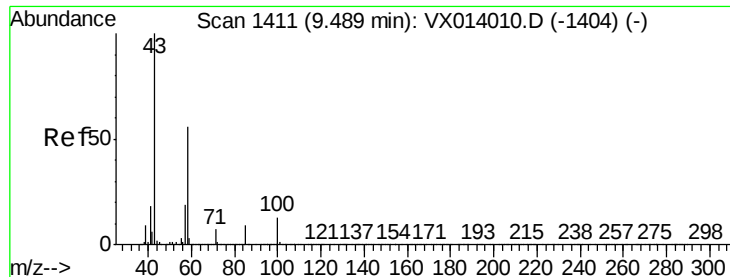
Tgt Ion: 63 Resp: 976351

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





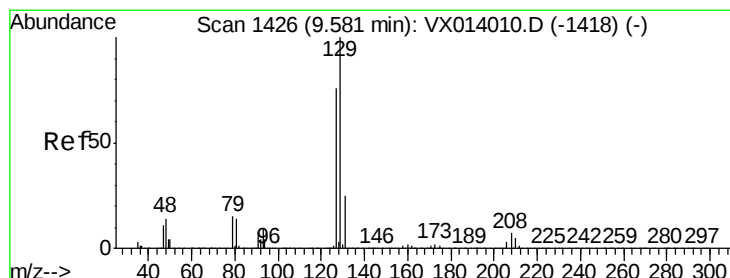
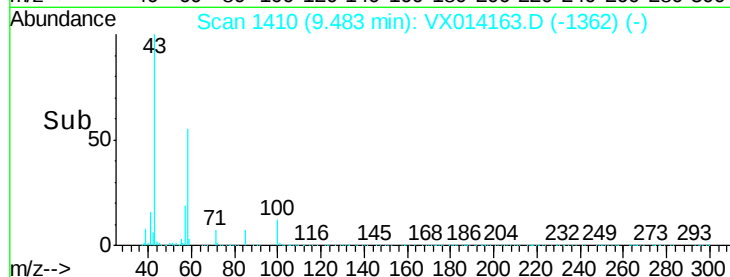
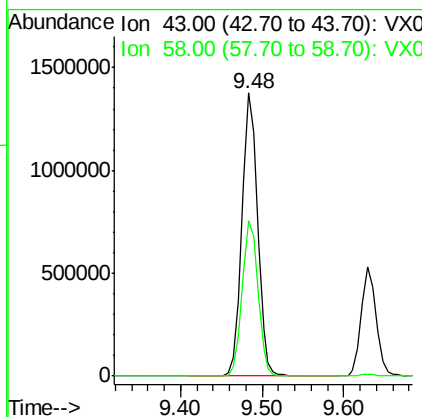
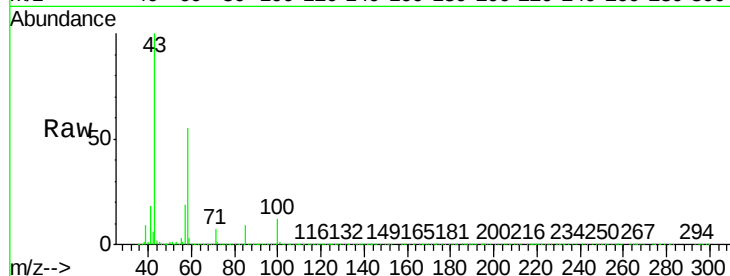
#59
2-Hexanone
Concen: 263.398 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1818845
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0

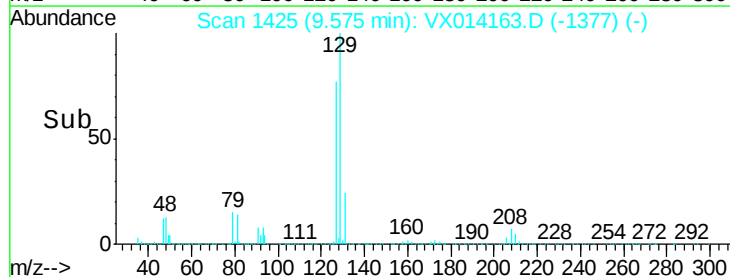
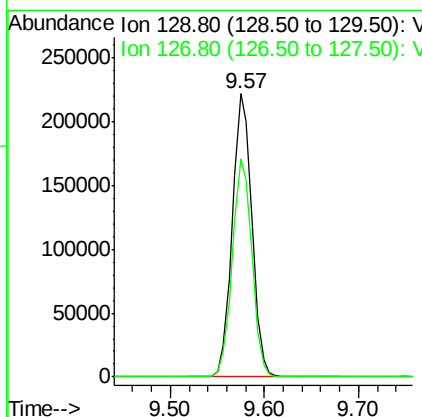
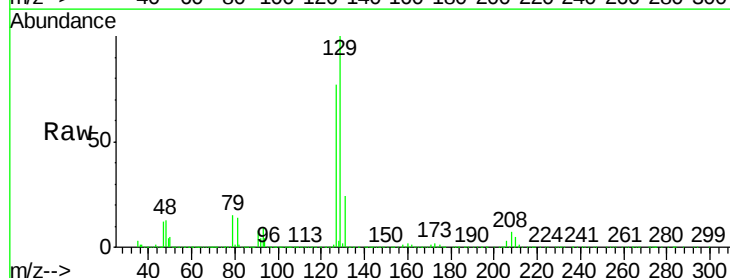
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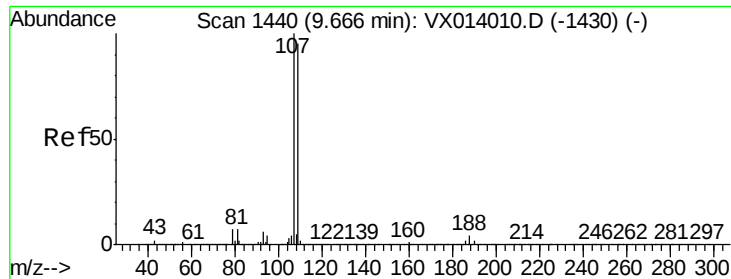
apatel
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#60
Dibromochloromethane
Concen: 55.215 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion: 129 Resp: 319733
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





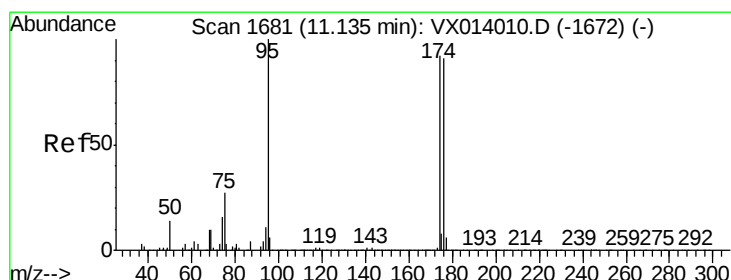
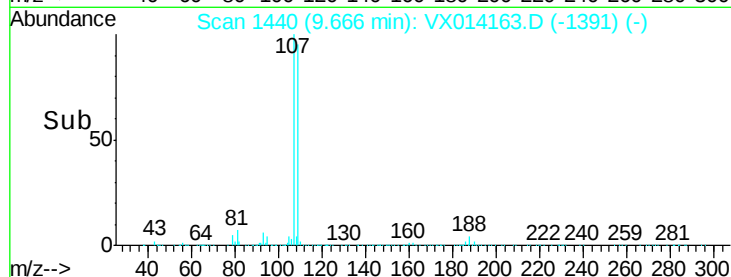
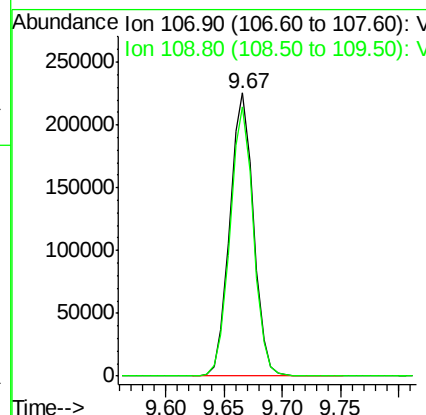
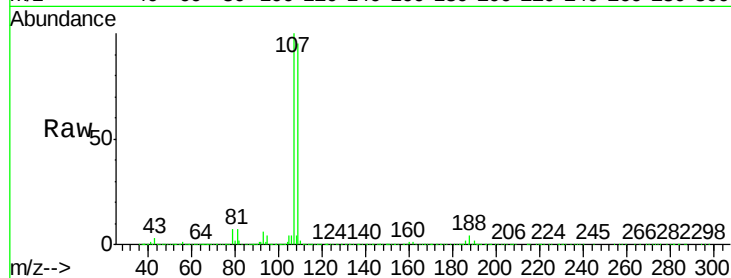
#61
 1,2-Dibromoethane
 Concen: 53.194 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.7	113.5

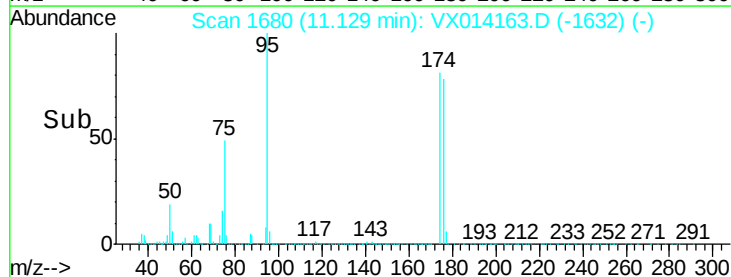
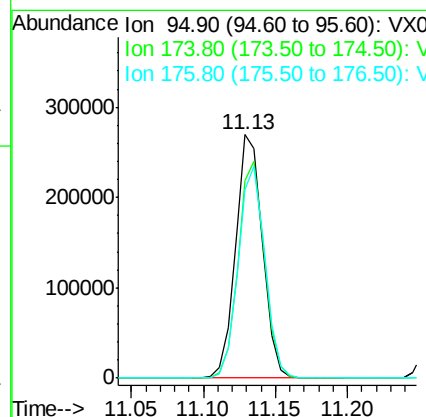
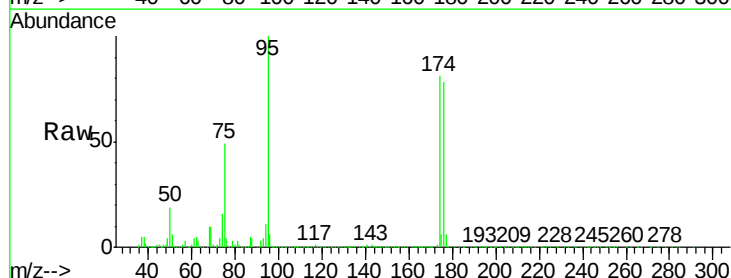
Manual Integrations
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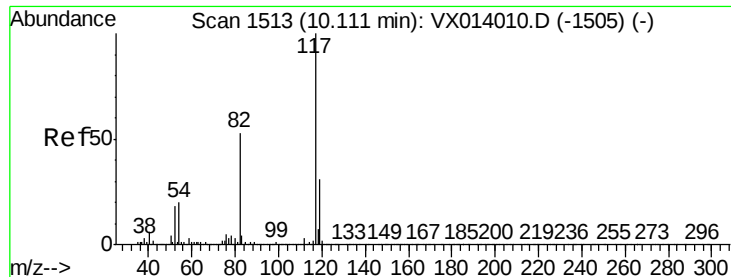
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.989 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	175.8
176	86.6	0.0	173.0





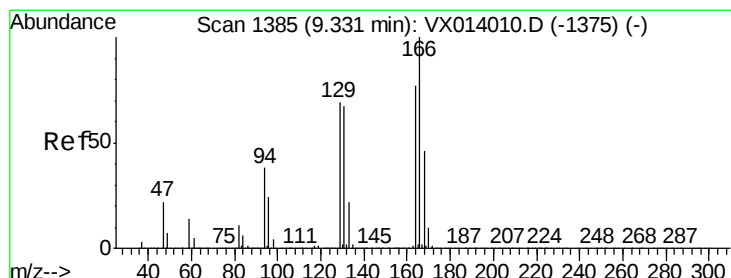
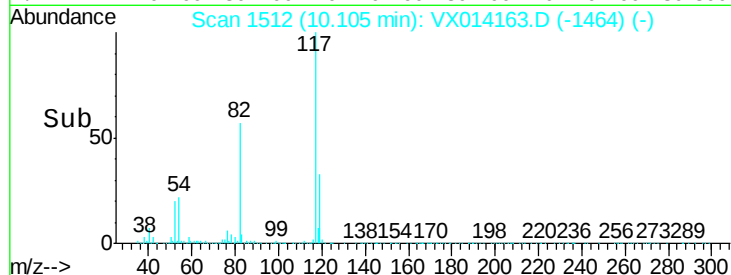
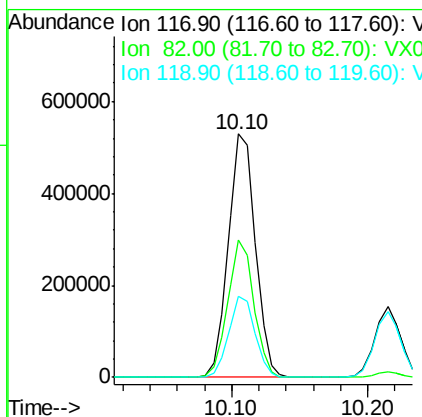
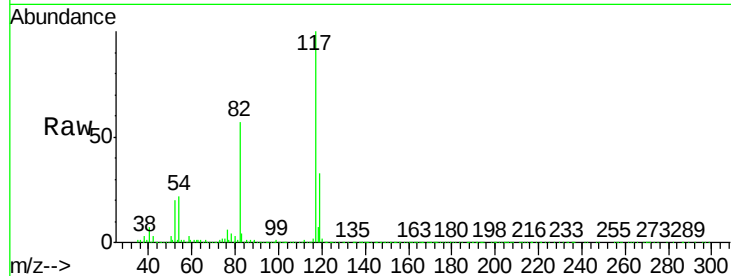
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.2	63.4
119	33.1	25.1	37.7

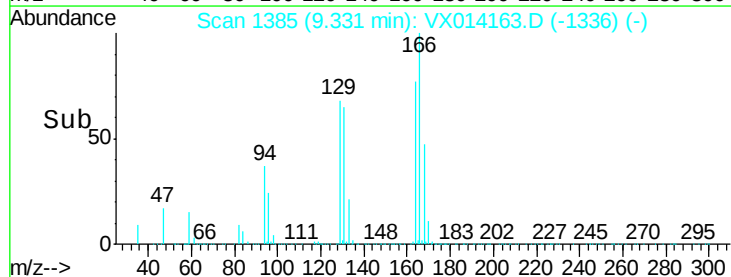
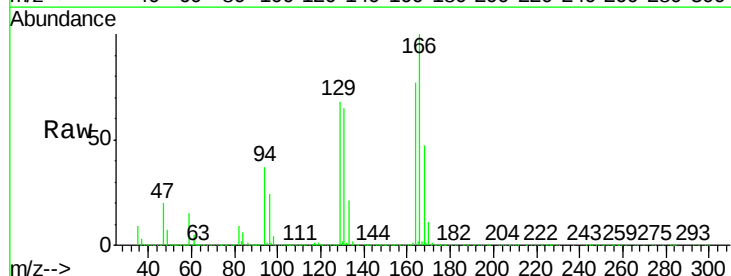
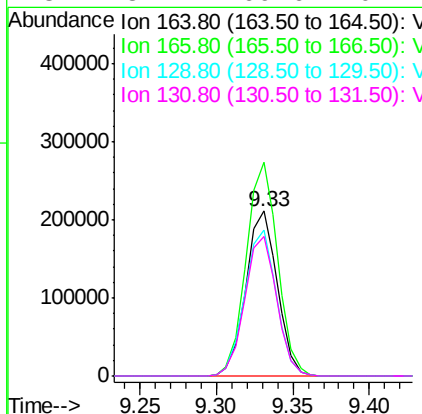
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#64
Tetrachloroethene
Concen: 46.472 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	104.0	156.0
129	88.1	72.2	108.4
131	84.1	69.6	104.4





#65

Chlorobenzene

Concen: 50.988 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 796416

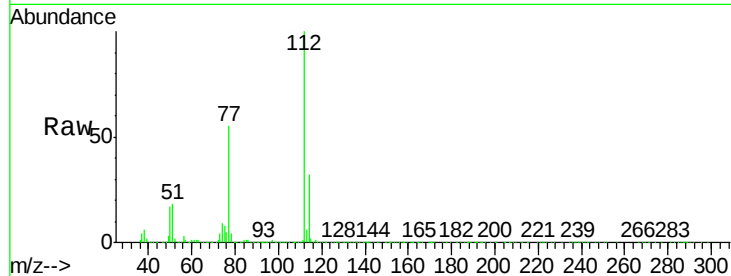
Ion Ratio Lower Upper

112 100

114 32.2 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

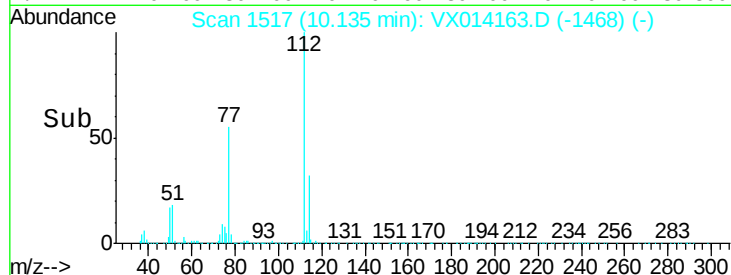
600000

400000

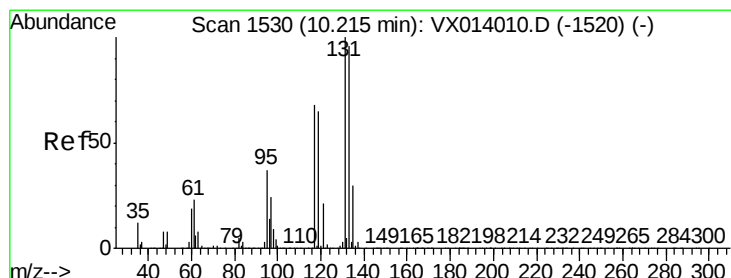
200000

0

10.00 10.10 10.20



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.318 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

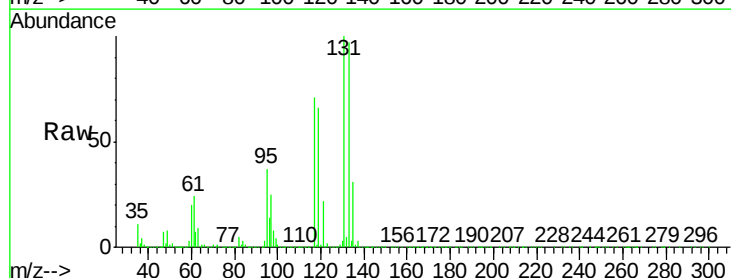
Tgt Ion:131 Resp: 291785

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 65.9 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

300000

250000

200000

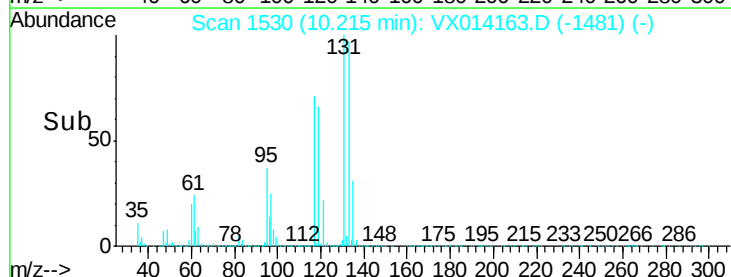
150000

100000

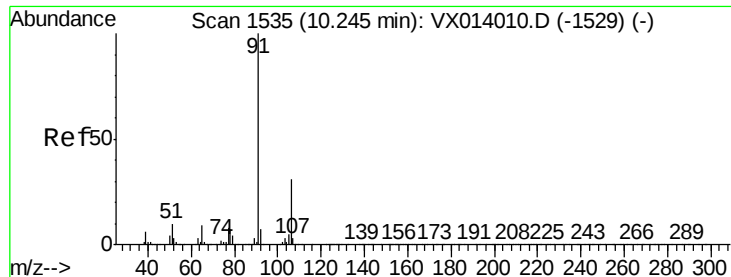
50000

0

10.10 10.20 10.30



Time-->



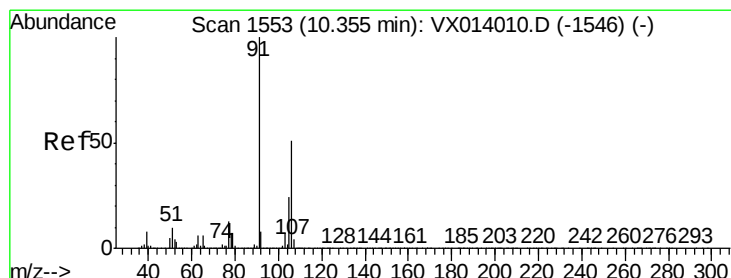
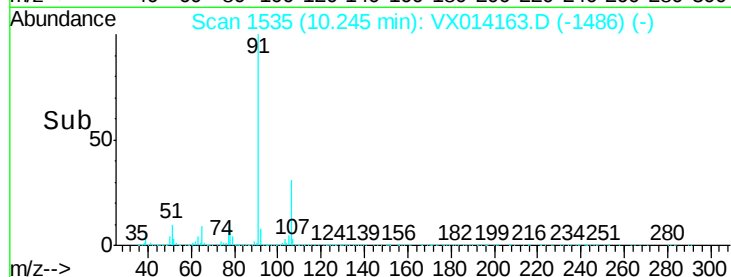
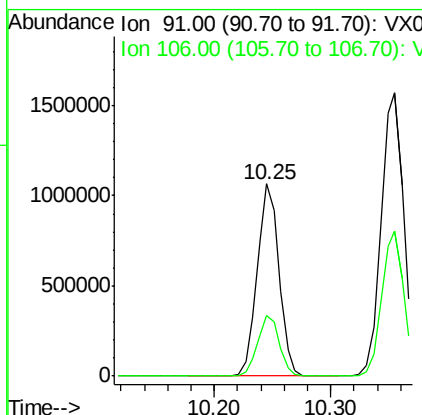
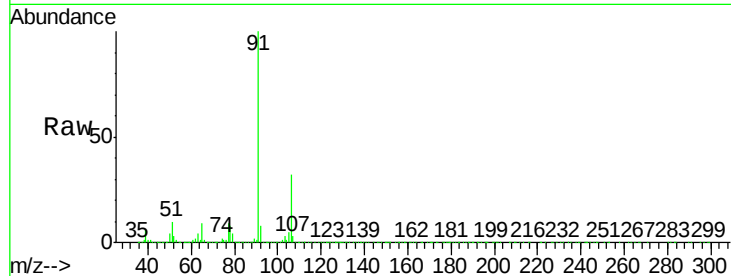
#67
Ethyl Benzene
Concen: 51.825 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1391724
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

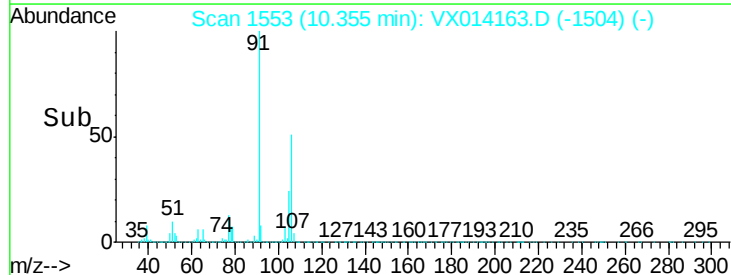
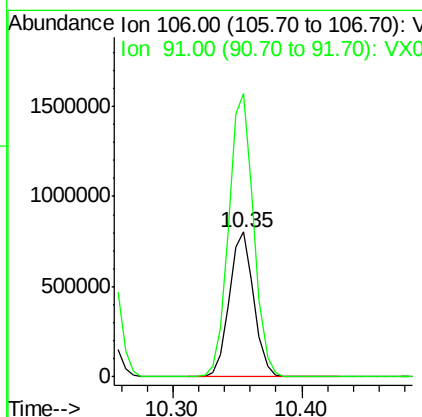
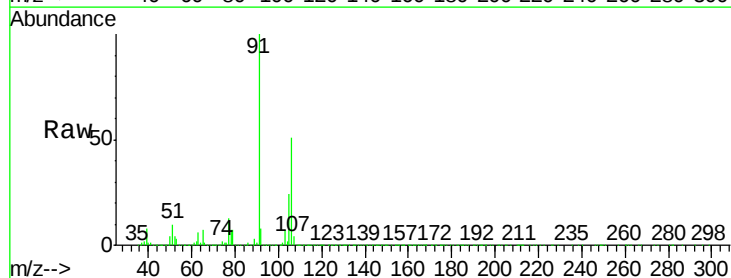
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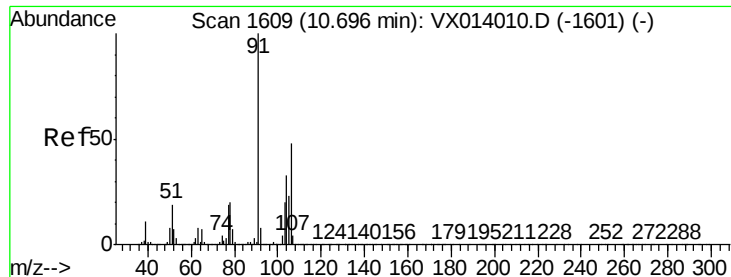
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#68
m/p-Xylenes
Concen: 103.299 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion: 106 Resp: 1066914
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0





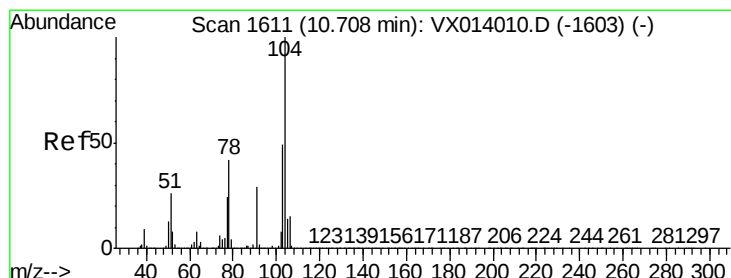
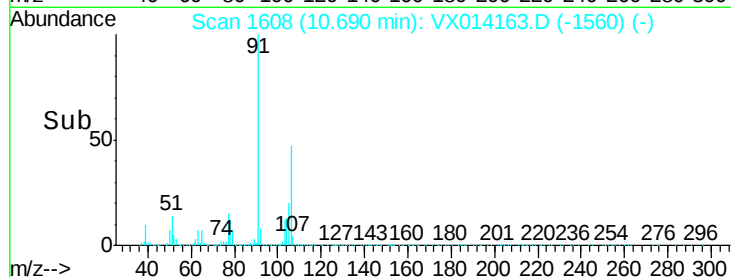
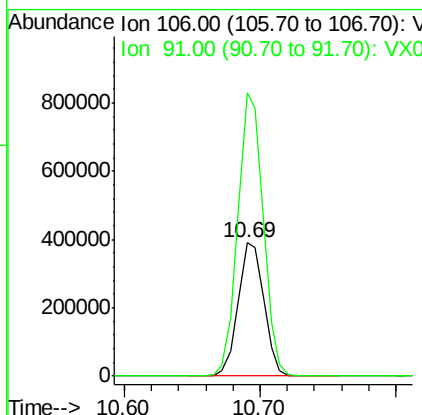
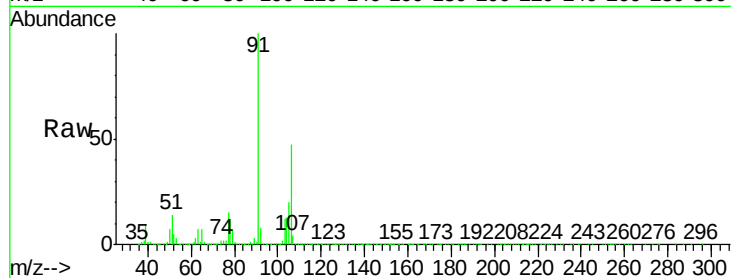
#69
o-Xylene
Concen: 50.866 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.2	312.6

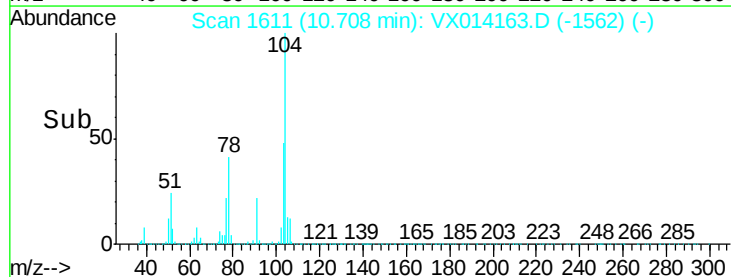
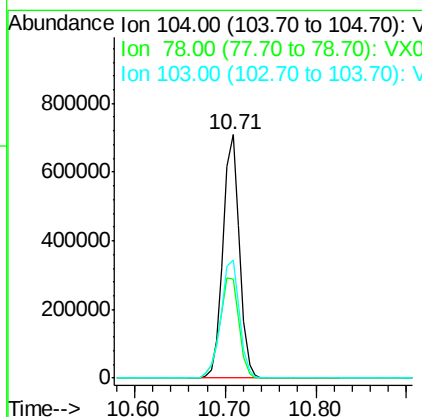
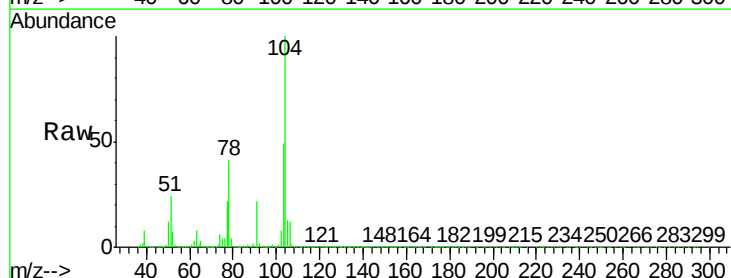
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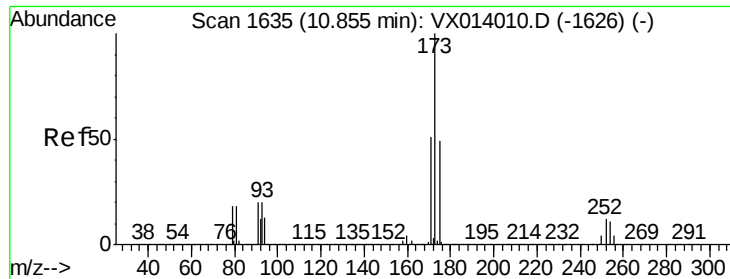
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#70
Styrene
Concen: 52.351 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.6	42.9	64.3





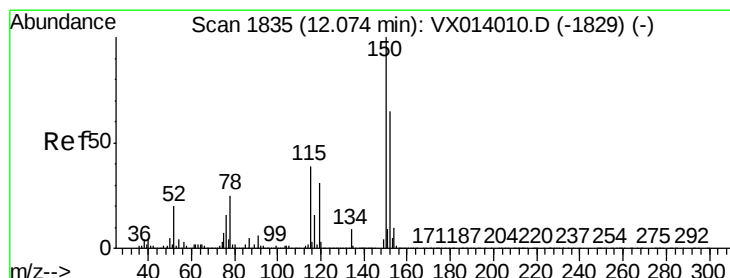
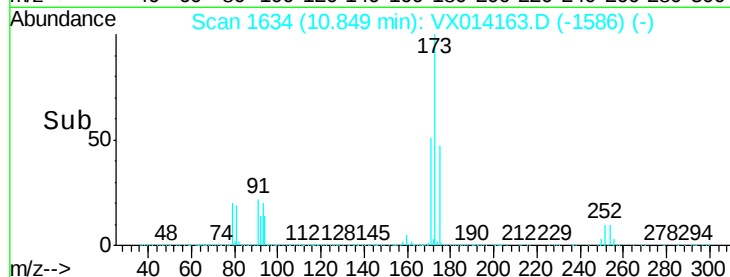
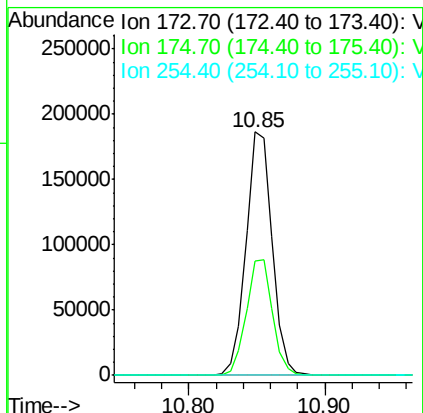
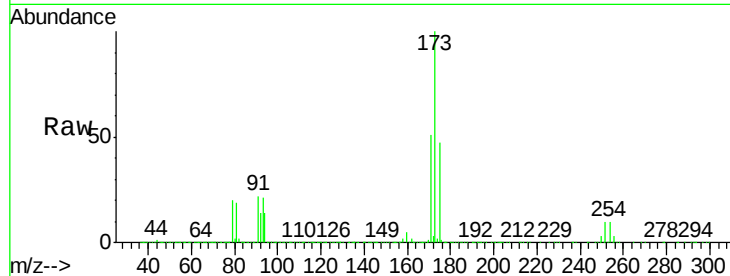
#71
Bromoform
Concen: 55.828 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.2	0.2	0.2

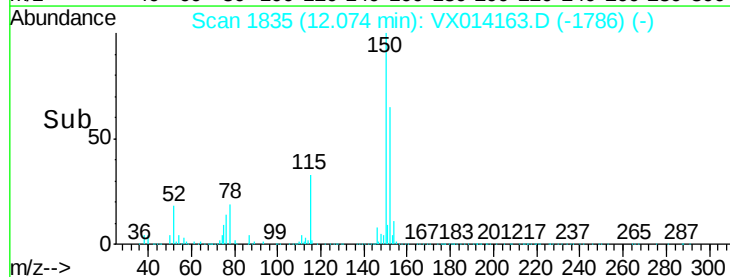
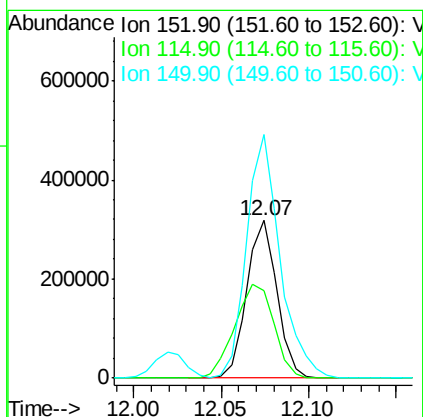
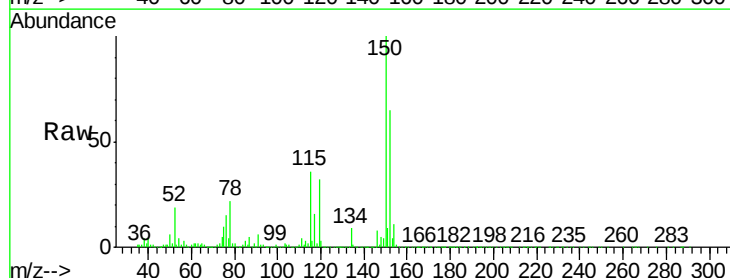
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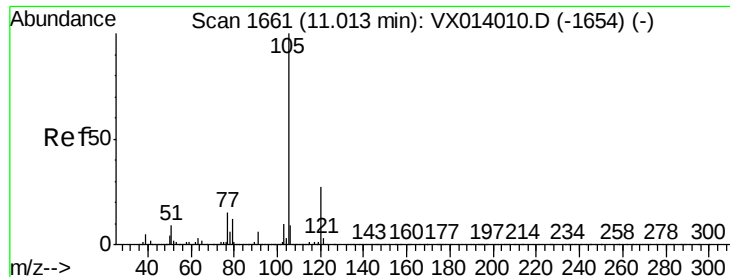
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	38.3	114.9
150	171.9	0.0	345.4





#73

Isopropylbenzene

Concen: 51.085 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1368053

Ion Ratio Lower Upper

105 100

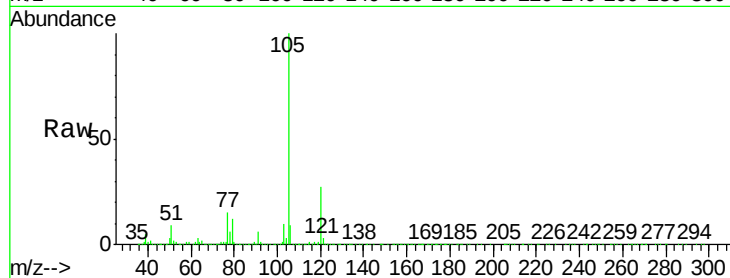
120 26.9 13.5 40.4

Manual Integrations

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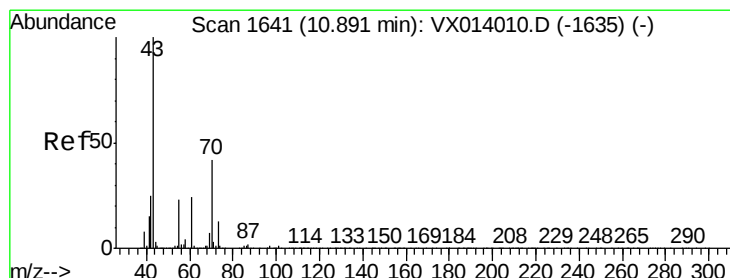
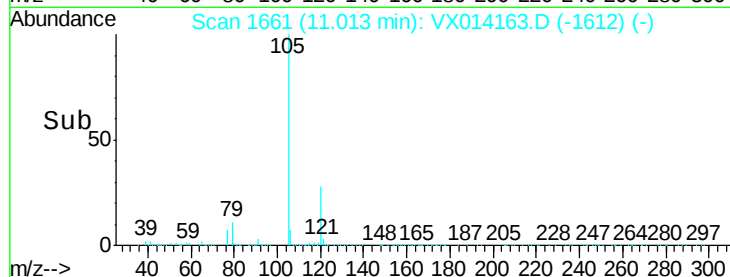
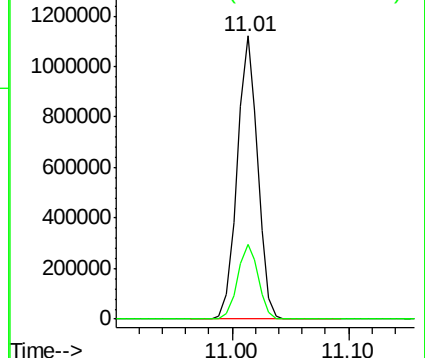
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.999 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion: 43 Resp: 665281

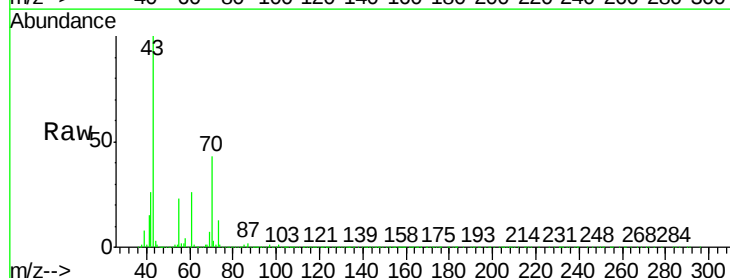
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 23.5 19.1 28.7

61 25.5 19.7 29.5

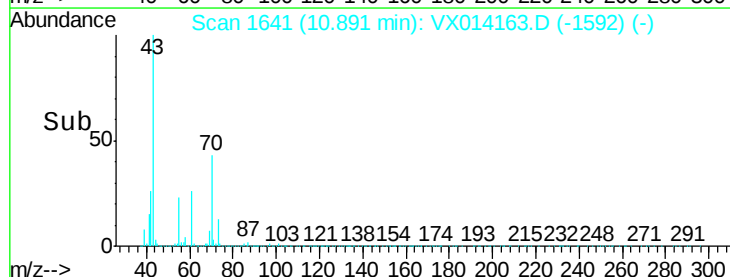
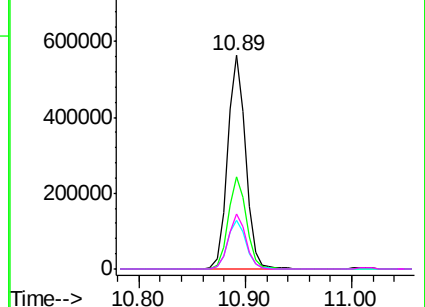


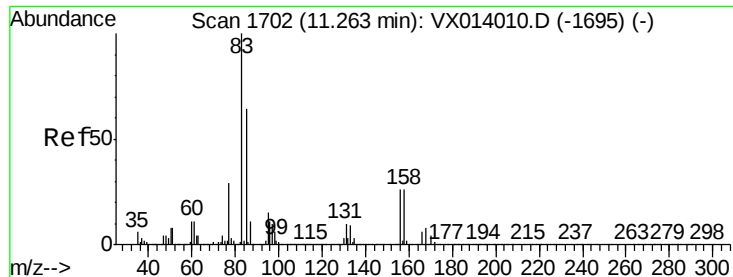
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.364 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

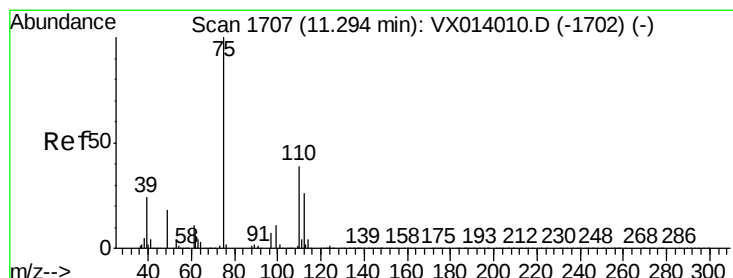
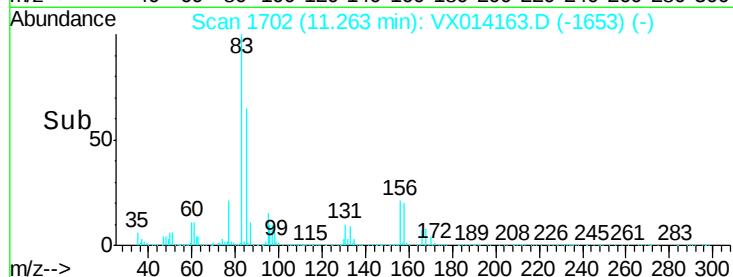
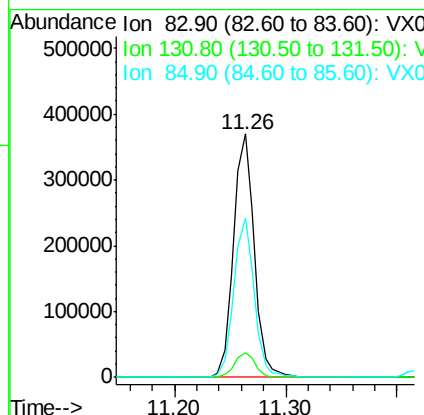
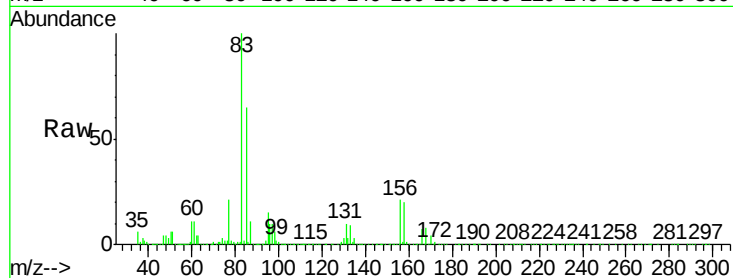
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	476879
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	64.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 47.341 ug/l m

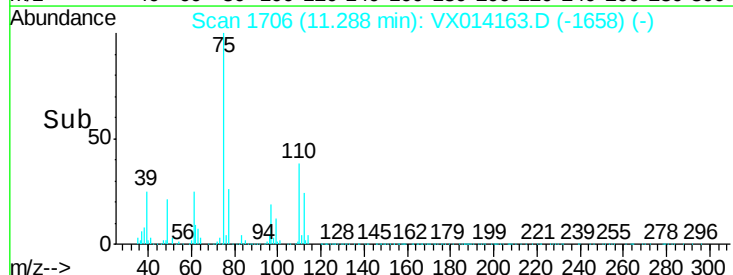
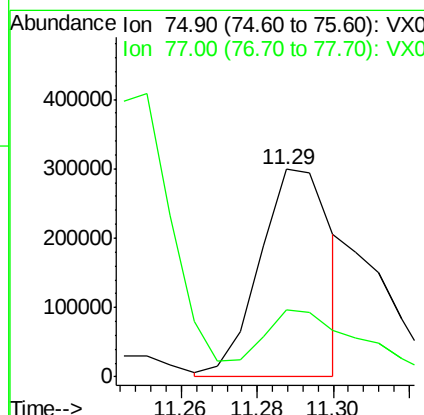
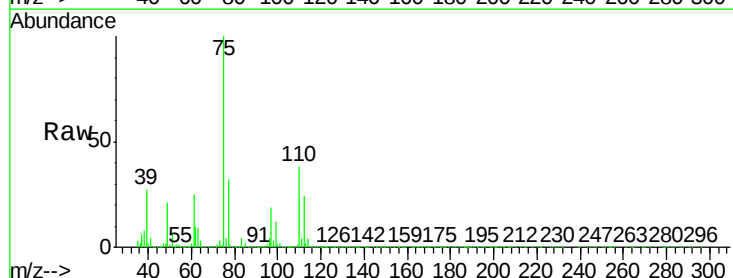
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion:	75	Resp:	390912
Ion Ratio	Lower	Upper	
75	100		
77	45.0	19.3	57.8





#77

Bromobenzene

Concen: 48.881 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

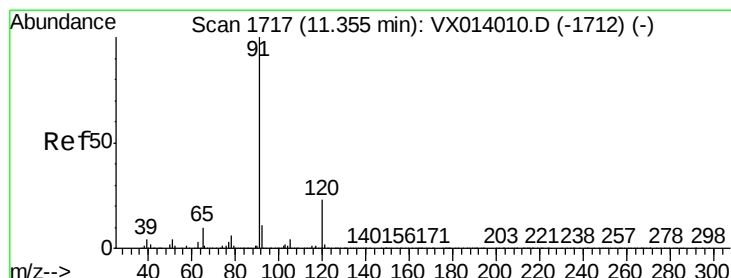
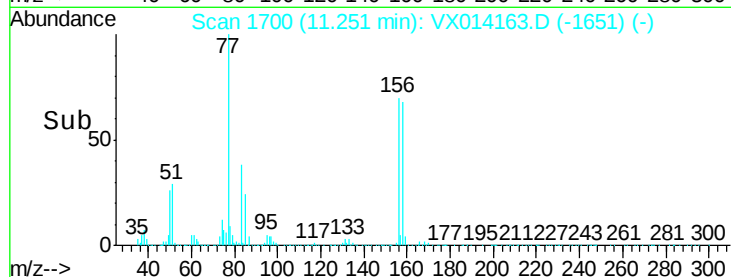
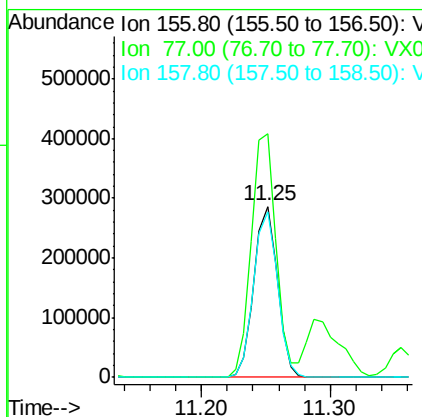
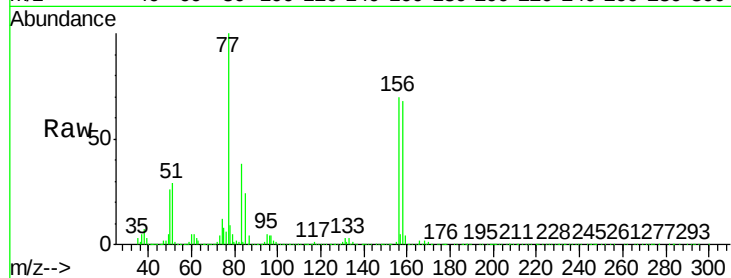
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	148.0		76.5	229.5	
158	98.4		49.3	147.9	

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#78

n-propylbenzene

Concen: 52.039 ug/l

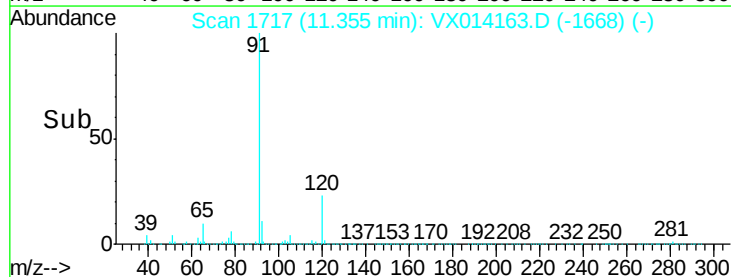
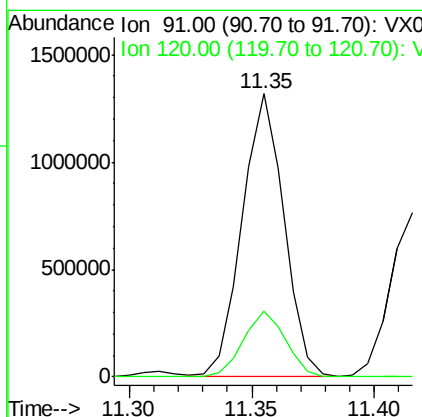
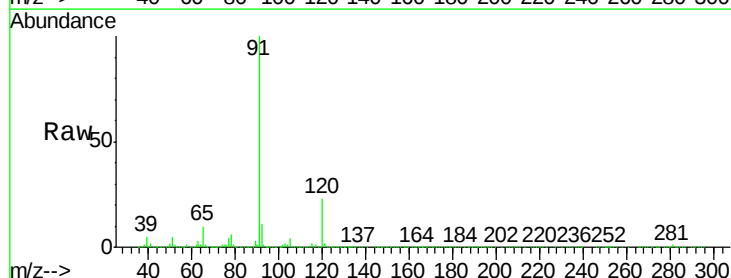
RT: 11.35 min Scan# 1717

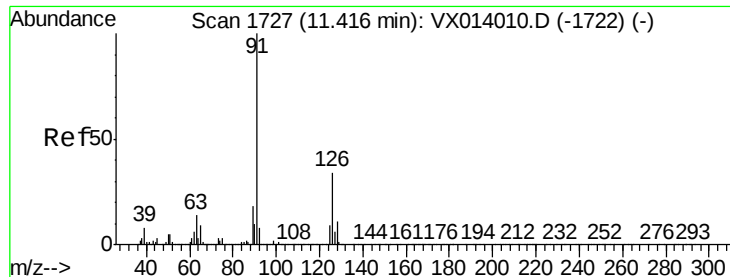
Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.6		11.7	35.0	





#79

2-Chlorotoluene

Concen: 50.571 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 923401

Ion Ratio Lower Upper

91 100

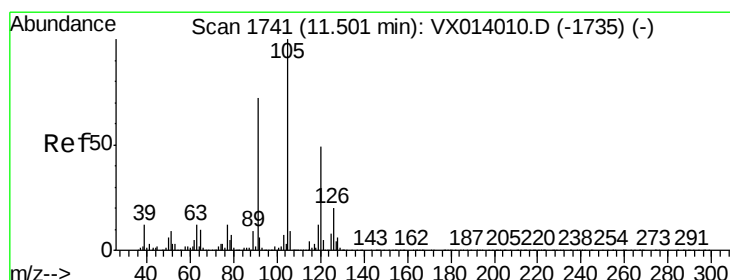
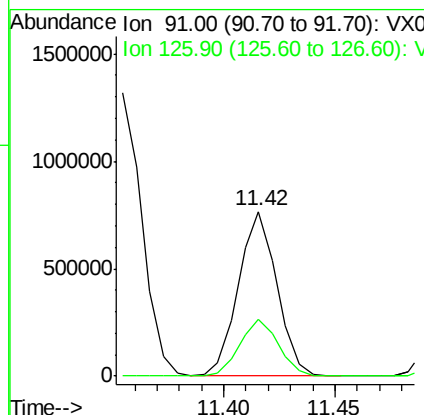
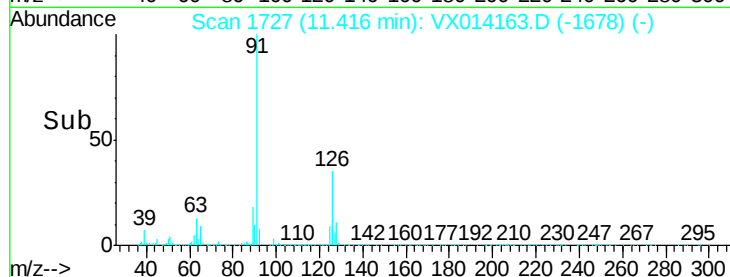
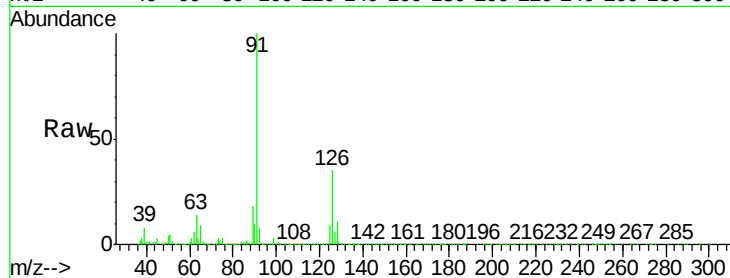
126 34.8 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.117 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014163.D

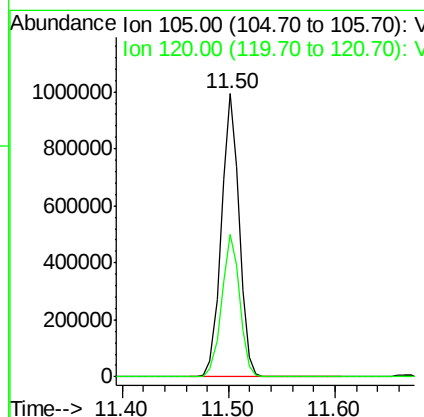
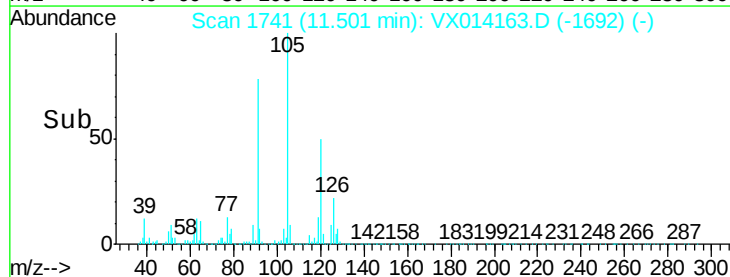
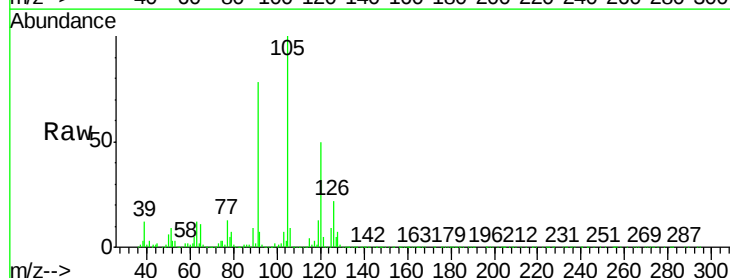
Acq: 20 Dec 2019 10:28

Tgt Ion: 105 Resp: 1152083

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





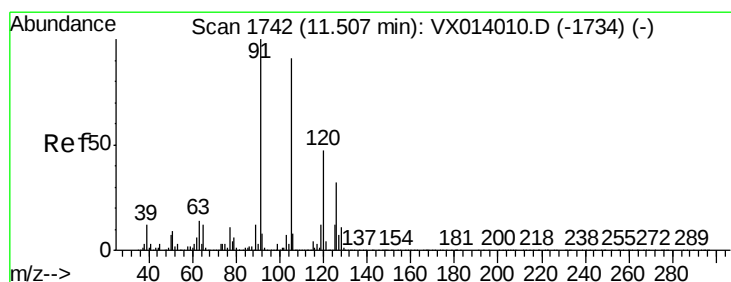
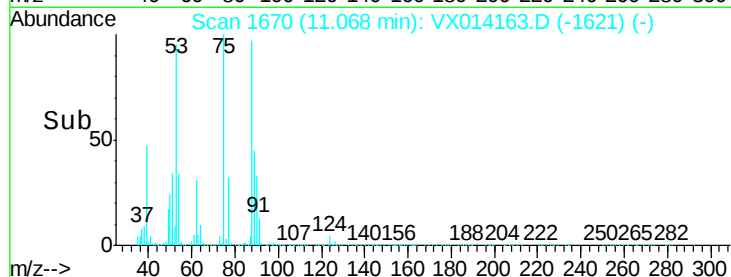
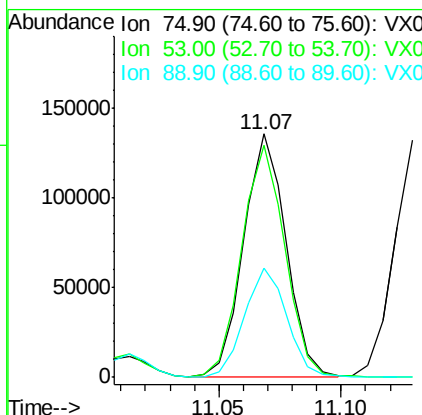
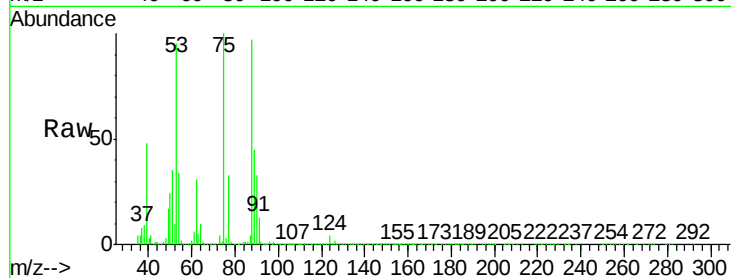
#81
trans-1,4-Dichloro-2-butene
Concen: 56.097 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.7	115.1
89	45.1	34.6	51.8

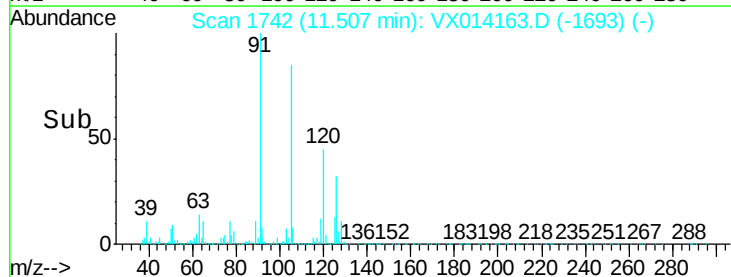
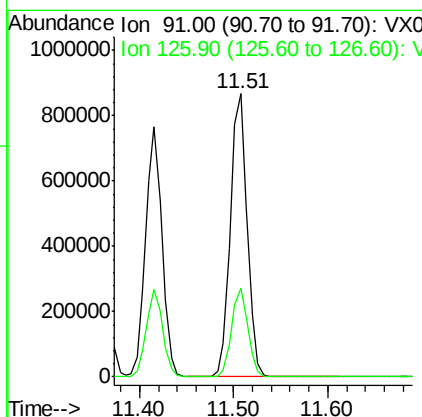
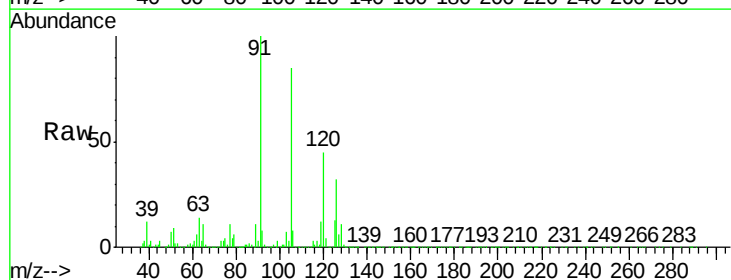
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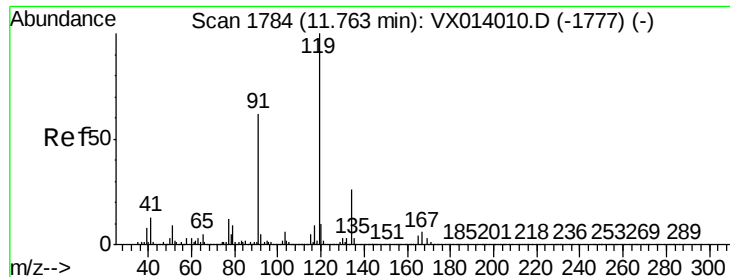
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#82
4-Chlorotoluene
Concen: 50.646 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.8





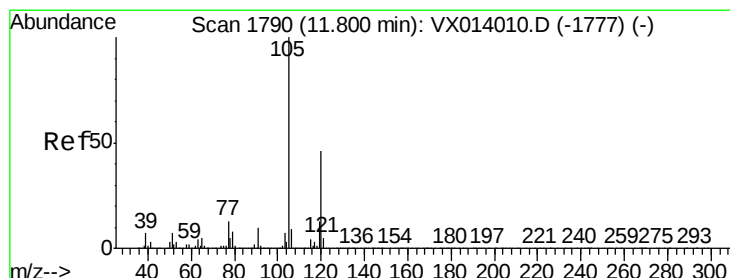
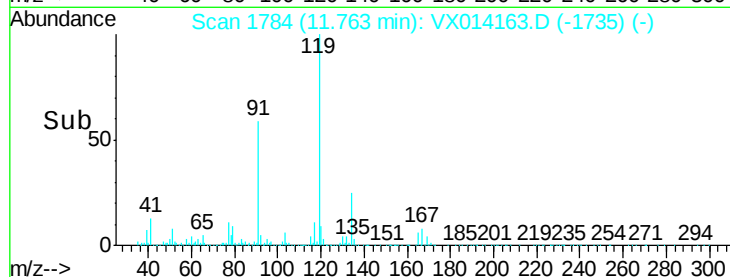
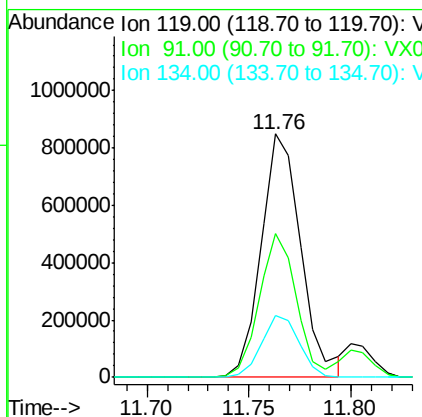
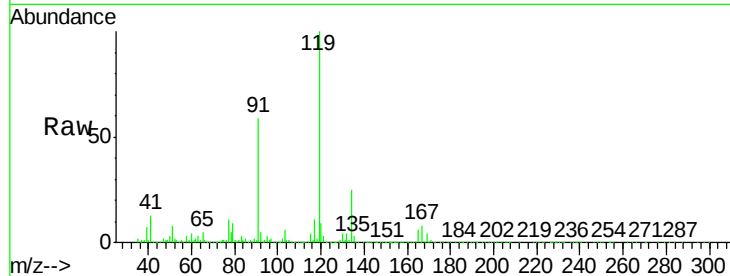
#83
tert-Butylbenzene
Concen: 52.530 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.9	28.5	85.6
134	24.2	12.2	36.6

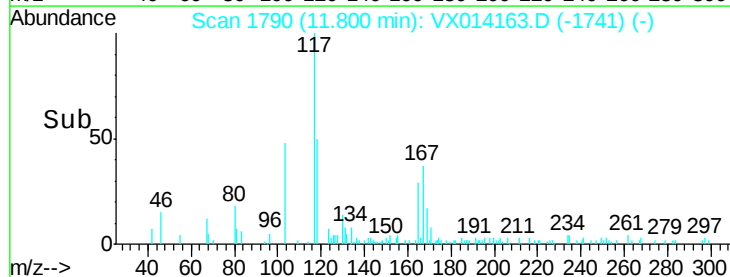
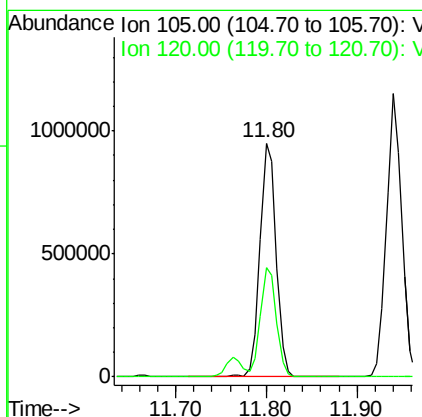
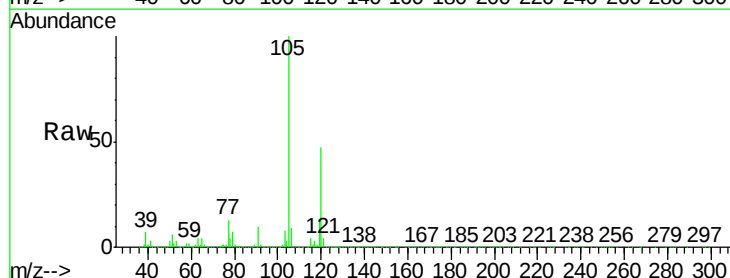
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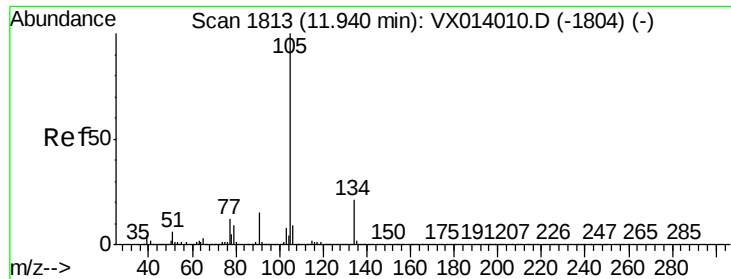
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#84
1,2,4-Trimethylbenzene
Concen: 51.785 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.079 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1348462

Ion Ratio Lower Upper

105 100

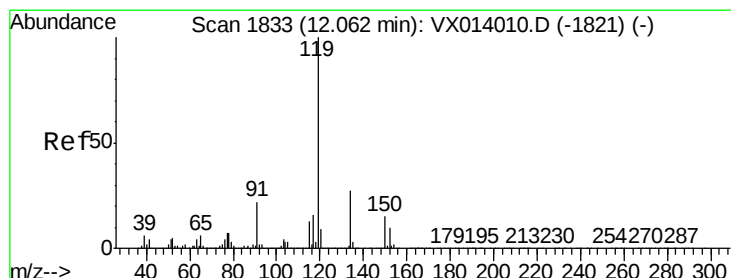
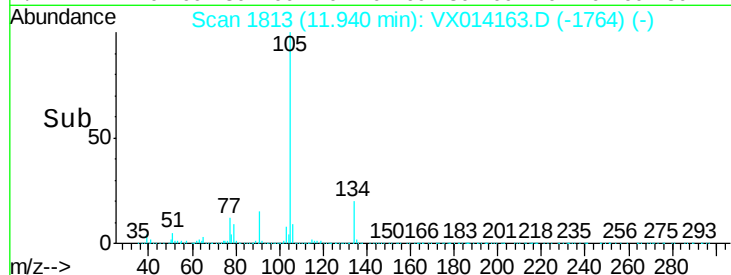
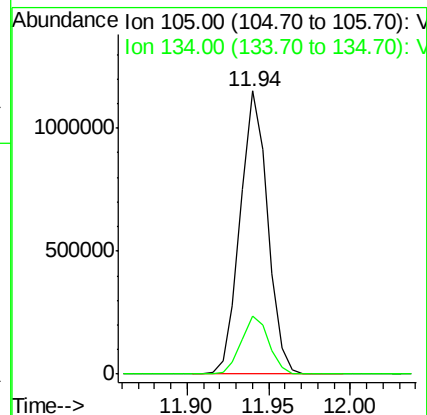
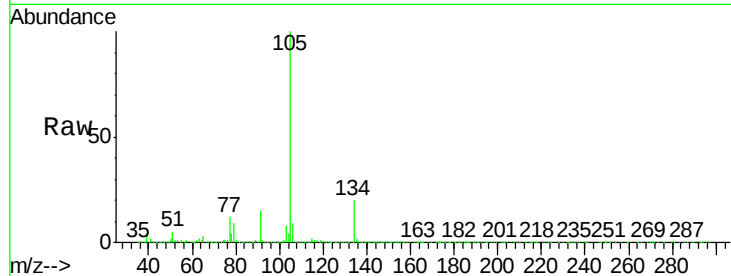
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 53.144 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014163.D

Acq: 20 Dec 2019 10:28

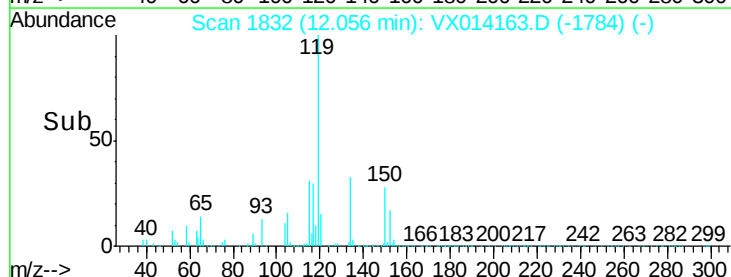
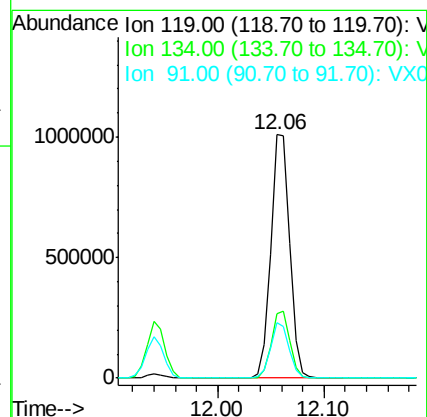
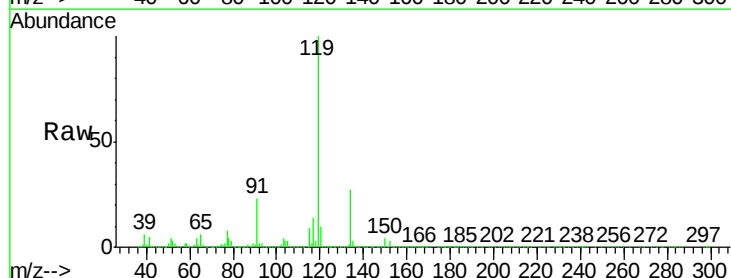
Tgt Ion:119 Resp: 1258701

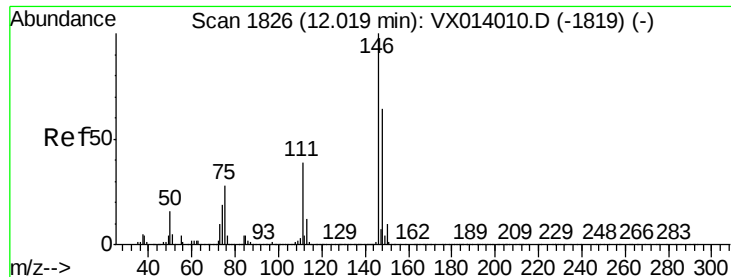
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.2 11.4 34.1





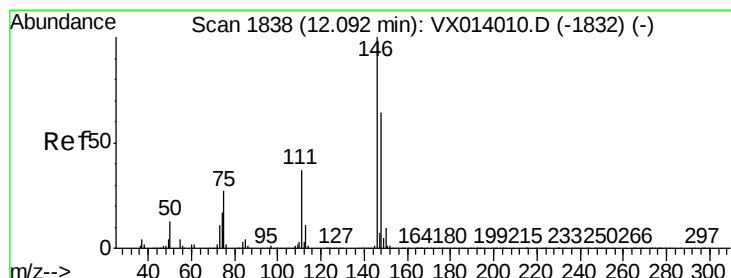
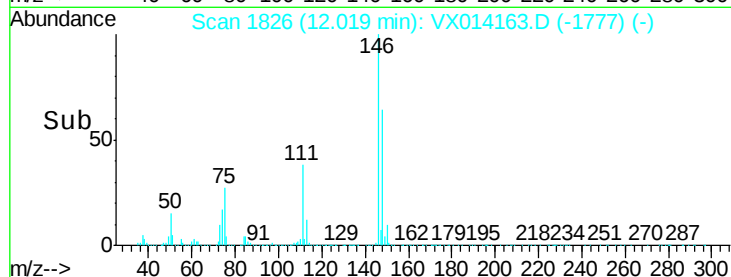
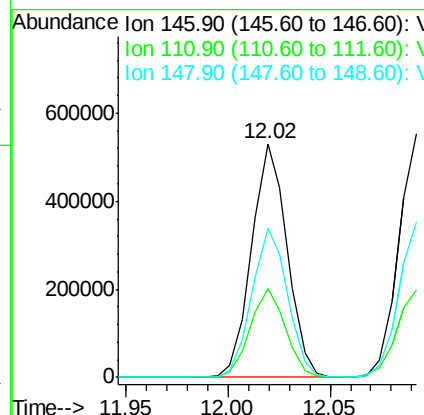
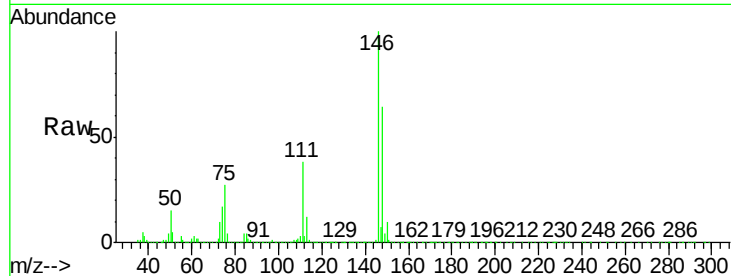
#87
 1,3-Dichlorobenzene
 Concen: 49.739 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.9	32.3	96.9

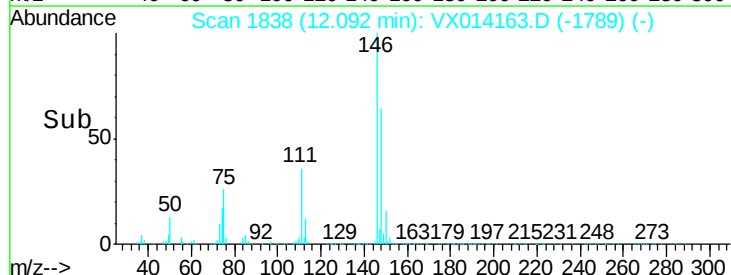
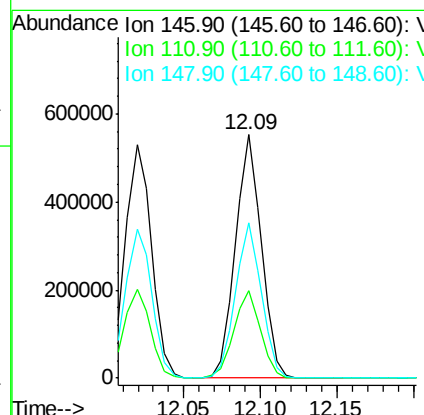
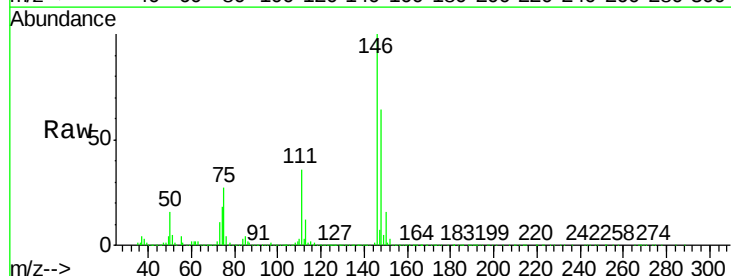
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#88
 1,4-Dichlorobenzene
 Concen: 49.518 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	63.9	31.9	95.9





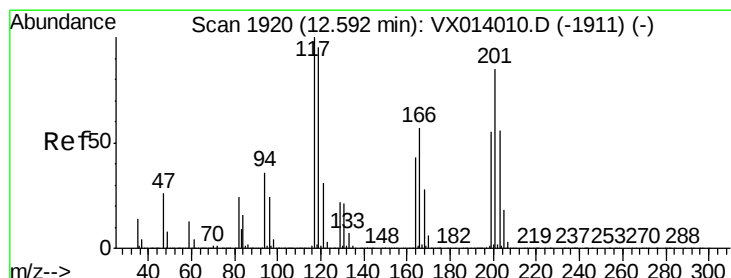
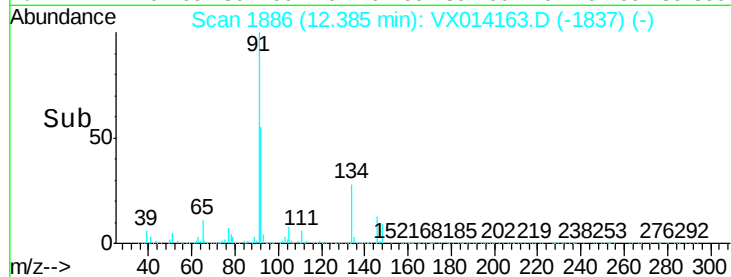
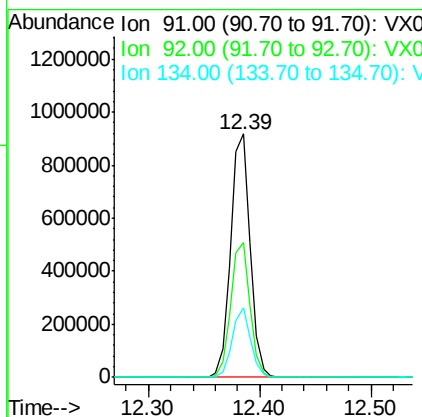
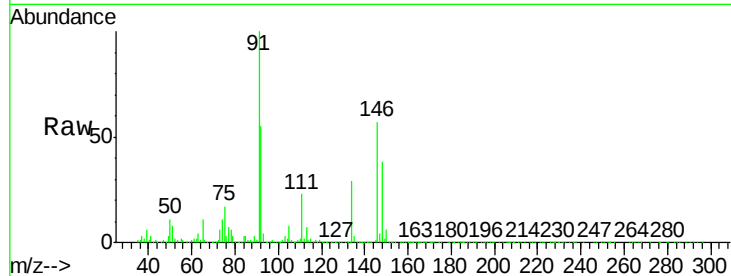
#89
n-Butylbenzene
Concen: 54.344 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.6
134	27.1	13.4	40.1

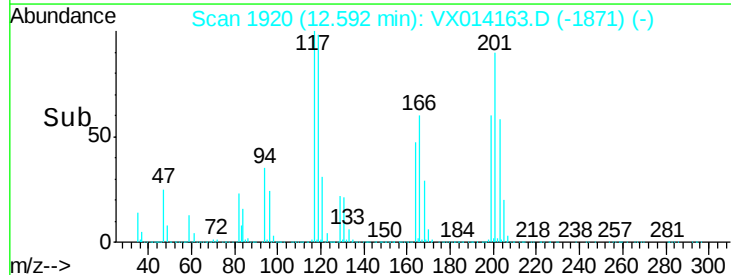
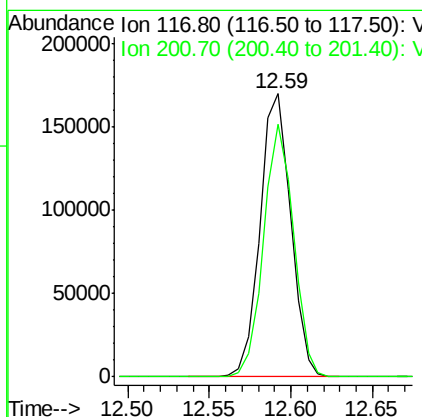
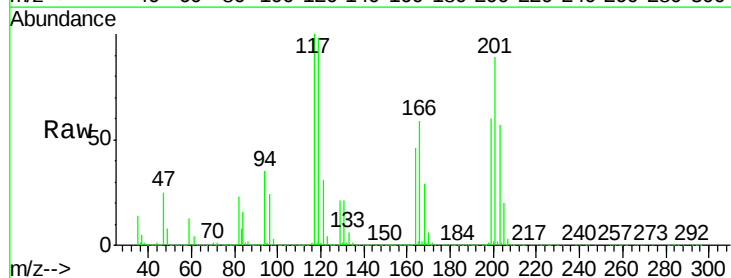
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#90
Hexachloroethane
Concen: 52.203 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.1	129.3





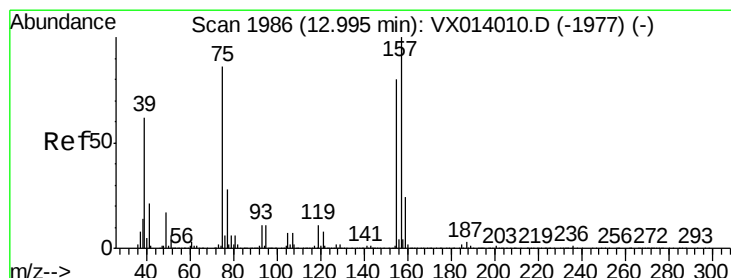
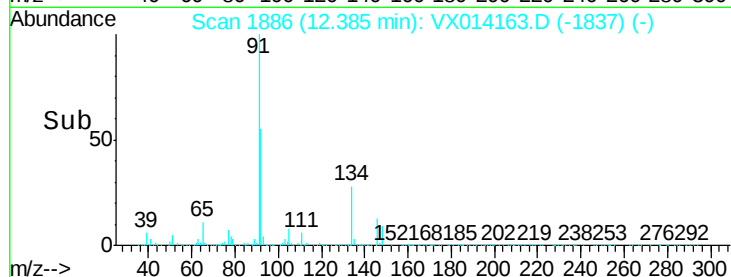
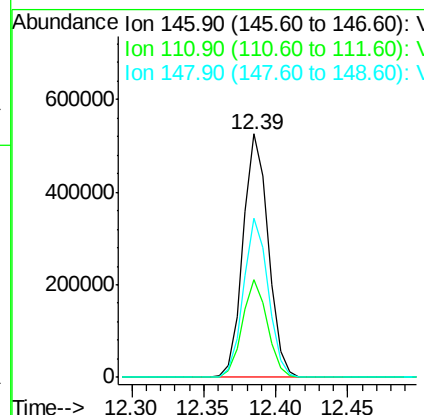
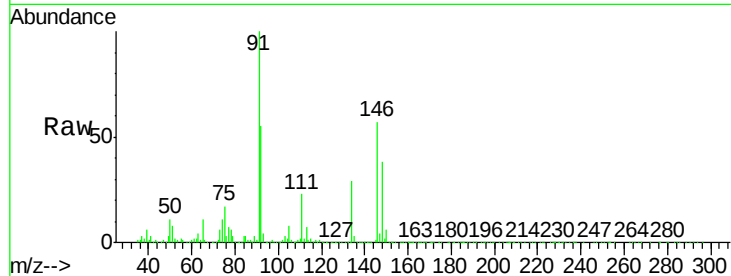
#91
 1,2-Dichlorobenzene
 Concen: 49.235 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.3	32.1	96.5

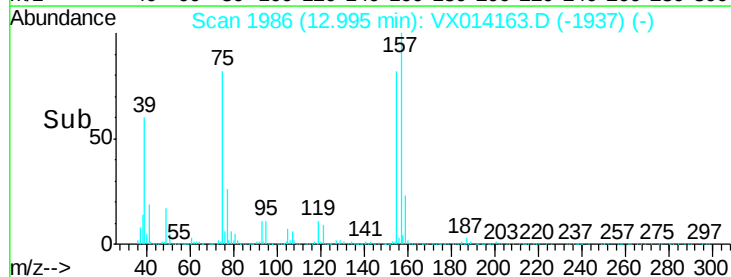
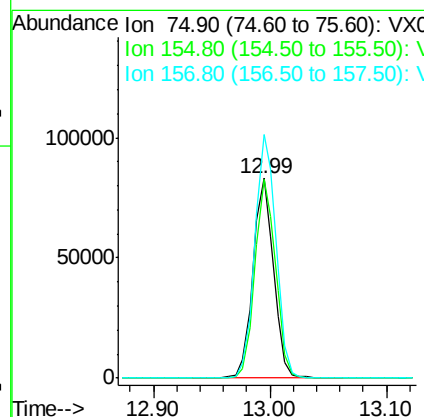
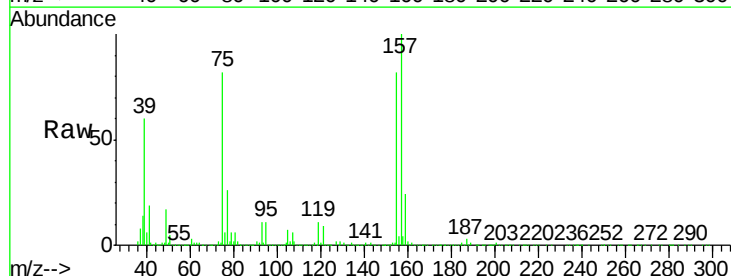
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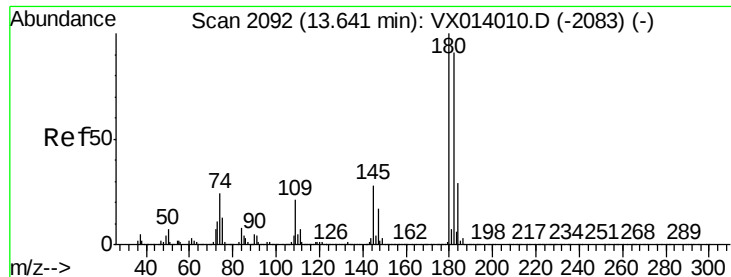
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.438 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	46.9	140.6
157	124.2	60.8	182.4





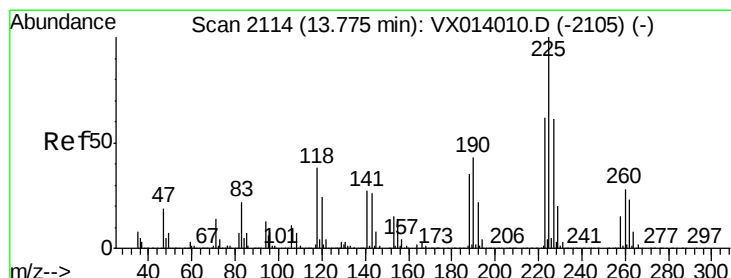
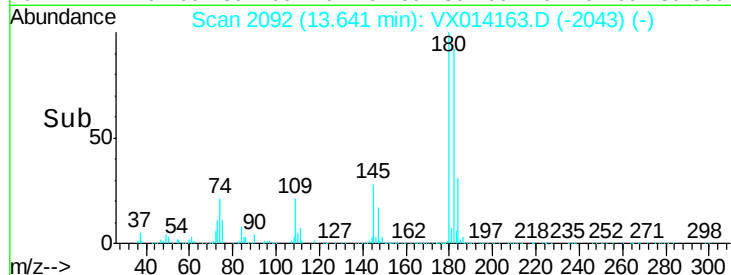
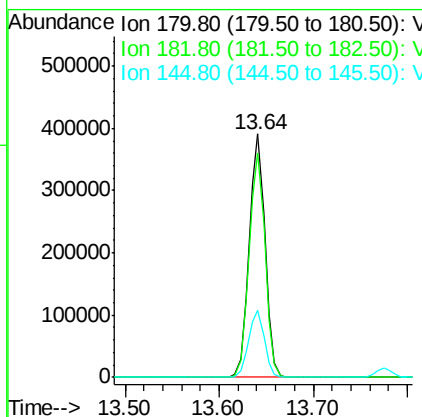
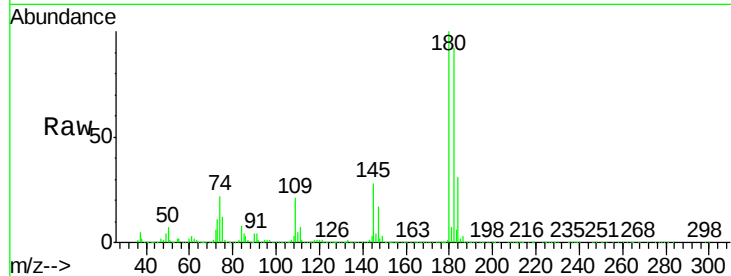
#93
 1,2,4-Trichlorobenzene
 Concen: 54.208 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	458007		
182	93.2	46.6	139.8	
145	27.8	14.2	42.6	

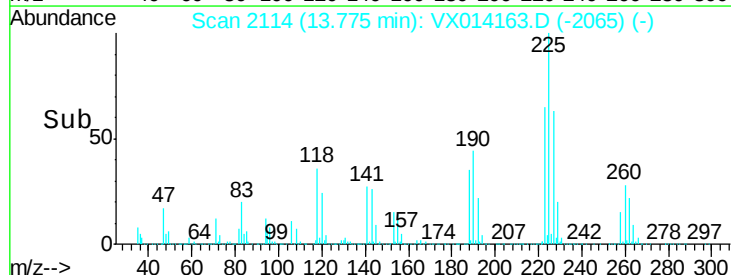
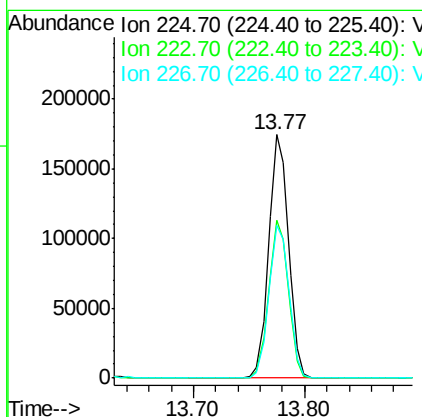
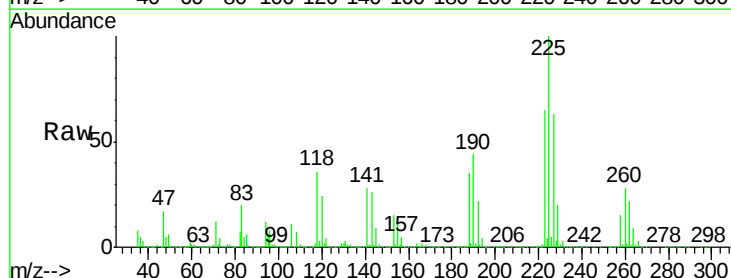
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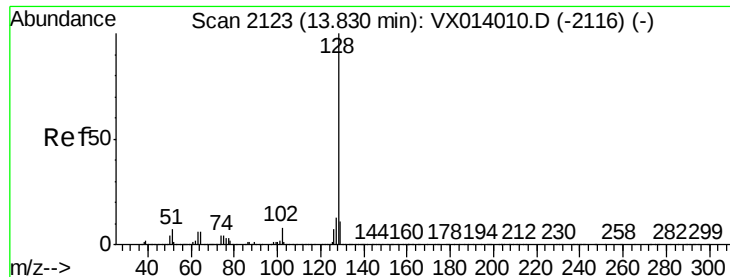
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#94
 Hexachlorobutadiene
 Concen: 53.491 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014163.D
 Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	217205		
223	64.5	30.9	92.5	
227	63.8	30.9	92.7	





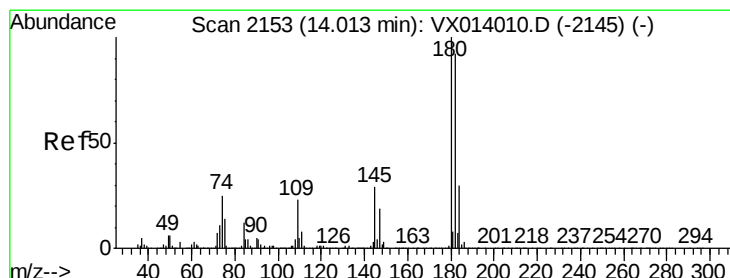
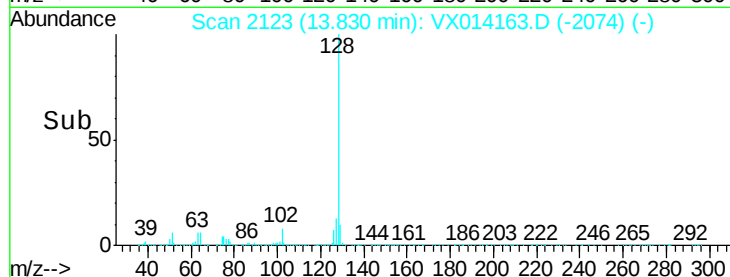
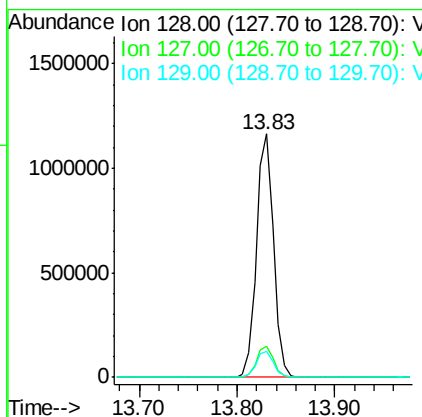
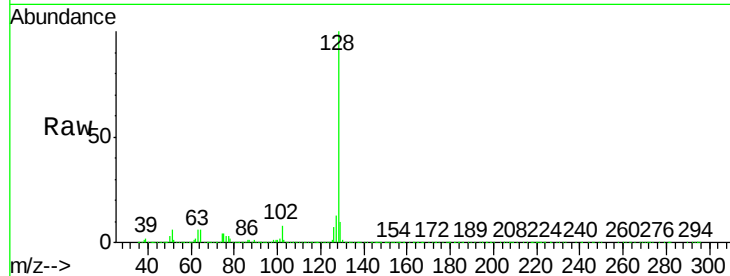
#95
Naphthalene
Concen: 56.393 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/23/2019 10:25:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.721 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014163.D
Acq: 20 Dec 2019 10:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	30.0	14.8	44.4

