

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014343.D
 Acq On : 30 Dec 2019 09:48
 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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 12/31/2019 9:32:26 AM

Quant Time: Dec 31 01:29:00 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	509534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	770716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	695898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	285928	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.48	113	238475	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	934518	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	337616	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198463	43.537	ug/l	100
3) Chloromethane	1.32	50	280016	45.773	ug/l	99
4) Vinyl Chloride	1.40	62	296853	45.988	ug/l	98
5) Bromomethane	1.63	94	206717	45.120	ug/l	96
6) Chloroethane	1.72	64	191632	48.101	ug/l	95
7) Trichlorofluoromethane	1.92	101	390159	48.826	ug/l	99
8) Diethyl Ether	2.18	74	175231	46.725	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240866	50.005	ug/l	99
10) Methyl Iodide	2.50	142	286136	45.305	ug/l	99
11) Tert butyl alcohol	3.03	59	287877	230.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234965	47.939	ug/l	99
13) Acrolein	2.28	56	203100	284.339	ug/l	100
14) Allyl chloride	2.72	41	451349	51.575	ug/l	98
15) Acrylonitrile	3.13	53	748440	256.976	ug/l	100
16) Acetone	2.43	43	863479	230.315	ug/l	98
17) Carbon Disulfide	2.56	76	598254	44.057	ug/l	100
18) Methyl Acetate	2.76	43	385599	51.904	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	817715	50.770	ug/l	100
20) Methylene Chloride	2.84	84	273200	46.275	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	252239	46.713	ug/l	99
22) Diisopropyl ether	3.84	45	922850	52.918	ug/l	92
23) Vinyl Acetate	3.80	43	3913994	275.027	ug/l	99
24) 1,1-Dichloroethane	3.69	63	482985	49.780	ug/l	99
25) 2-Butanone	4.65	43	1189721	257.391	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391373	51.954	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	295931	48.458	ug/l	98
28) Bromochloromethane	5.00	49	197025	52.776	ug/l	96
29) Tetrahydrofuran	5.11	42	668568	258.600	ug/l	98
30) Chloroform	5.20	83	466594	50.730	ug/l	99
31) Cyclohexane	5.57	56	432280	50.094	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	386462	49.300	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349916	49.481	ug/l	99
37) Ethyl Acetate	4.81	43	407451	52.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328258	50.954	ug/l	99

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Quant Time: Dec 31 01:29:00 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	443527	50.794	ug/l	99
40) Benzene	6.13	78	1075943	49.448	ug/l	99
41) Methacrylonitrile	5.03	41	229213	52.900	ug/l	97
42) 1,2-Dichloroethane	6.18	62	368737	49.993	ug/l	99
43) Isopropyl Acetate	6.43	43	679511	52.578	ug/l	99
44) Trichloroethene	7.20	130	293598	48.852	ug/l	98
45) 1,2-Dichloropropane	7.50	63	290375	52.066	ug/l	95
46) Dibromomethane	7.65	93	180120	48.849	ug/l	97
47) Bromodichloromethane	7.89	83	367194	52.877	ug/l	97
48) Methyl methacrylate	7.76	41	331419	52.370	ug/l	98
49) 1,4-Dioxane	7.73	88	119073	924.582	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2085134	256.903	ug/l	99
52) Toluene	8.78	92	677471	49.259	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	412519	54.175	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461667	54.422	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	278405	50.508	ug/l	100
56) Ethyl methacrylate	9.17	69	456186	52.686	ug/l	100
57) 1,3-Dichloropropane	9.36	76	476206	51.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	917530	280.013	ug/l	99
59) 2-Hexanone	9.48	43	1707130	261.279	ug/l	99
60) Dibromochloromethane	9.57	129	292205	53.331	ug/l	98
61) 1,2-Dibromoethane	9.67	107	288922	51.229	ug/l	98
64) Tetrachloroethene	9.33	164	300731	48.837	ug/l	98
65) Chlorobenzene	10.13	112	728966	49.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	274407	51.940	ug/l	98
67) Ethyl Benzene	10.25	91	1298081	51.028	ug/l	100
68) m/p-Xylenes	10.35	106	987004	100.879	ug/l	99
69) o-Xylene	10.69	106	477051	49.715	ug/l	98
70) Styrene	10.71	104	821874	50.651	ug/l	99
71) Bromoform	10.85	173	227465	53.562	ug/l #	100
73) Isopropylbenzene	11.01	105	1283932	51.930	ug/l	100
74) N-amyl acetate	10.89	43	604699	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	425573	49.648	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	356680m	46.786	ug/l	
77) Bromobenzene	11.25	156	327625	48.162	ug/l	98
78) n-propylbenzene	11.35	91	1481362	53.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	859469	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1078997	51.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	149493	55.347	ug/l	99
82) 4-Chlorotoluene	11.51	91	995287	50.897	ug/l	99
83) tert-Butylbenzene	11.76	119	1024396	50.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1075308	51.603	ug/l	100
85) sec-Butylbenzene	11.94	105	1272304	53.222	ug/l	100
86) p-Isopropyltoluene	12.06	119	1166623	53.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580020	48.650	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586233	48.359	ug/l	100
89) n-Butylbenzene	12.39	91	1028416	55.118	ug/l	99
90) Hexachloroethane	12.59	117	209462	53.329	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589648	49.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89602	47.237	ug/l	98

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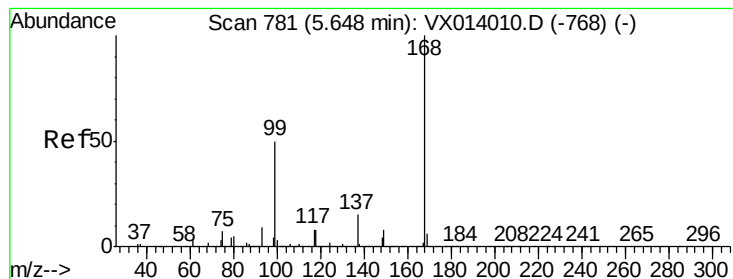
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	404888	51.905	ug/l	98
94) Hexachlorobutadiene	13.78	225	192678	51.395	ug/l	98
95) Naphthalene	13.83	128	1197258	52.240	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	404330	52.508	ug/l	100

(#) = 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: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

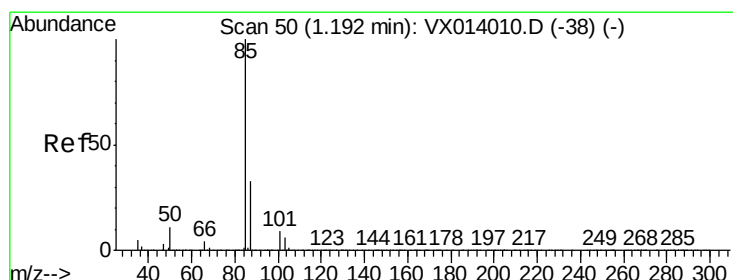
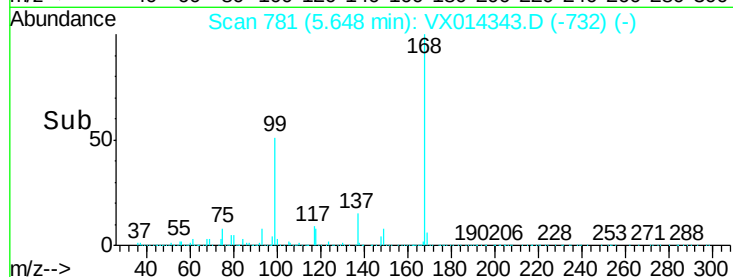
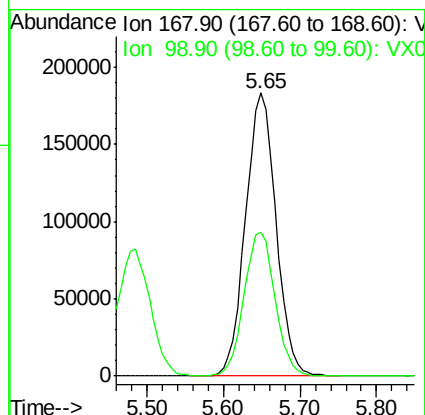
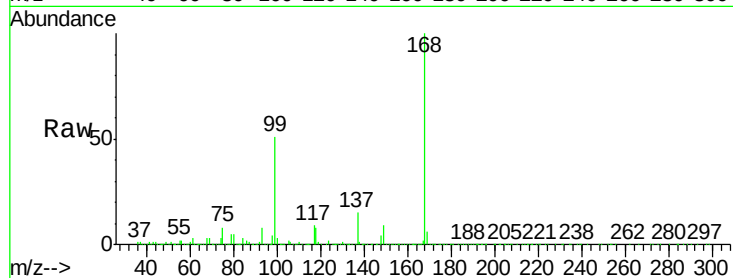
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.3	60.5

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#2

Dichlorodifluoromethane

Concen: 43.537 ug/l

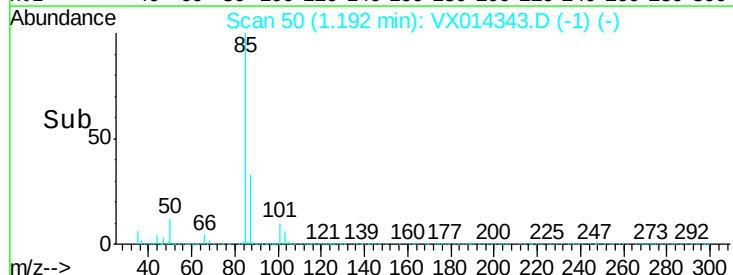
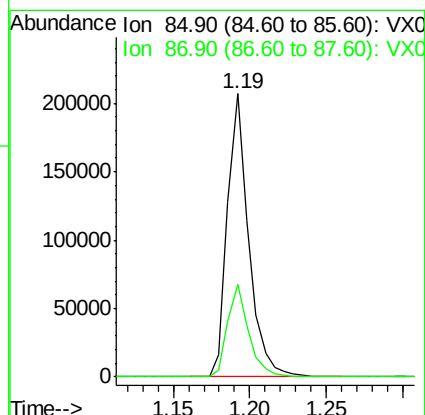
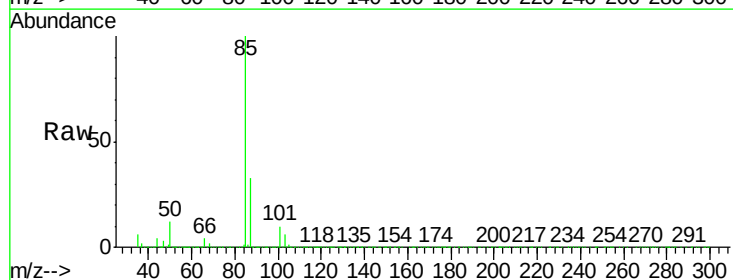
RT: 1.19 min Scan# 50

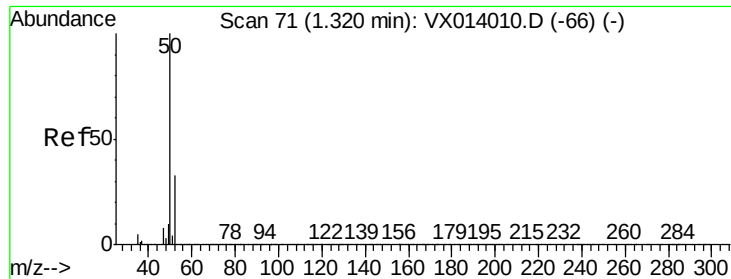
Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.2





#3

Chloromethane

Concen: 45.773 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 280016

Ion Ratio Lower Upper

50 100

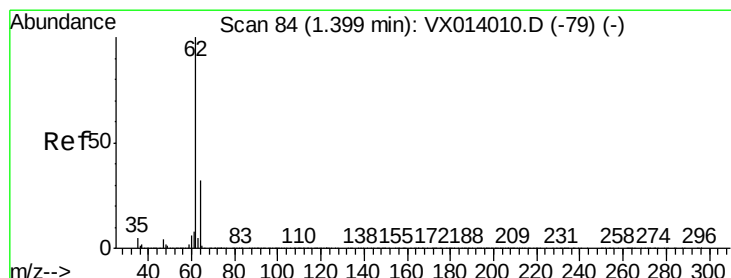
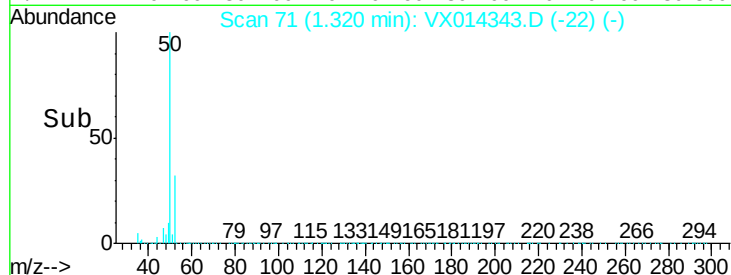
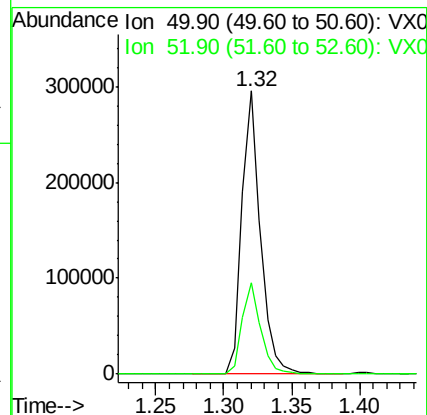
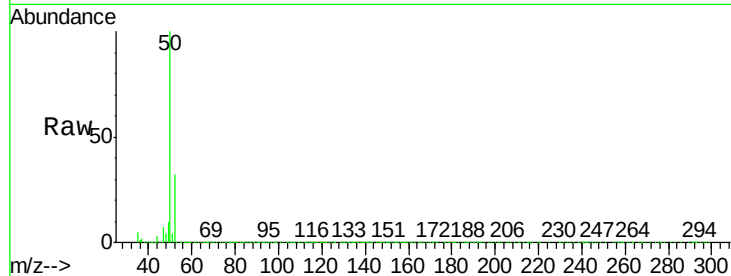
52 32.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 45.988 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014343.D

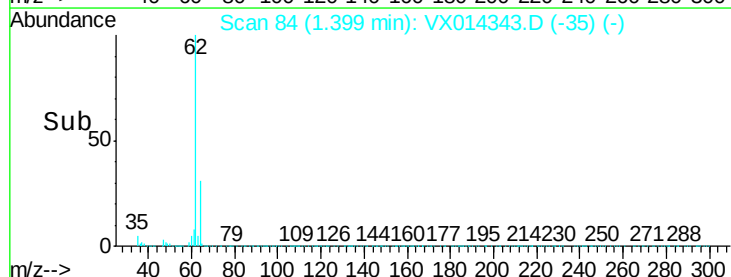
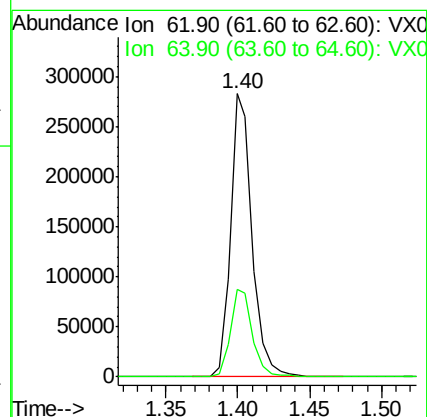
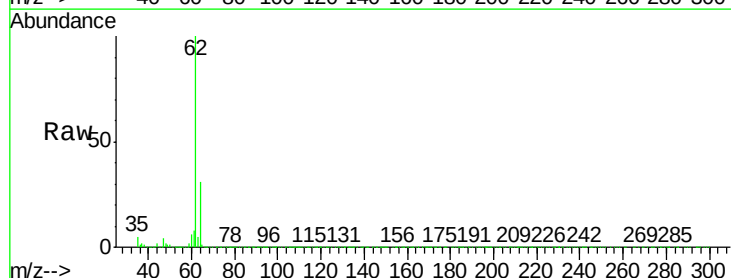
Acq: 30 Dec 2019 09:48

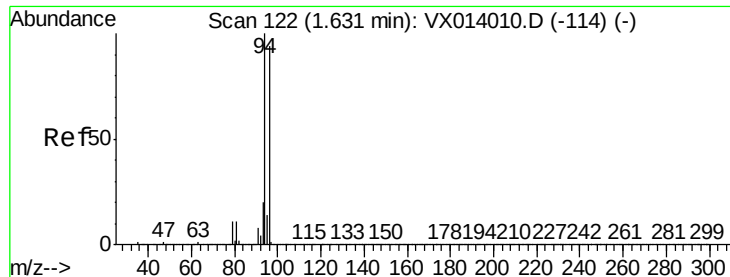
Tgt Ion: 62 Resp: 296853

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 45.120 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 206717

Ion Ratio Lower Upper

94 100

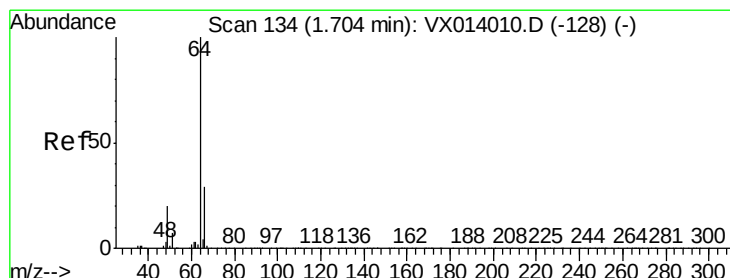
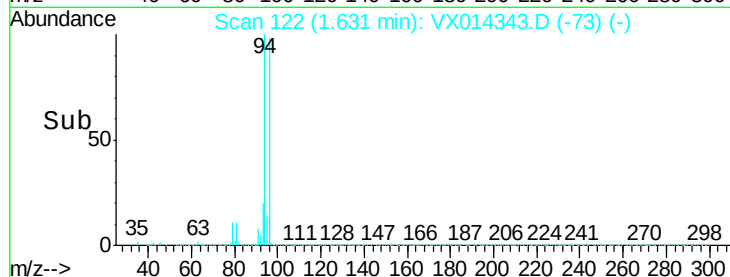
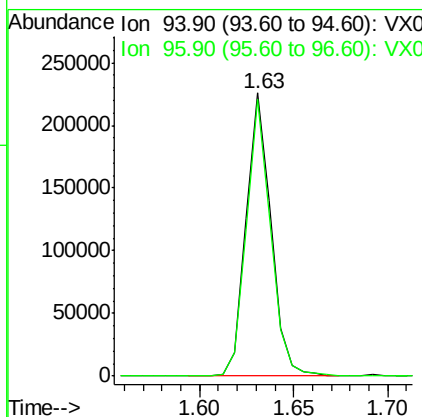
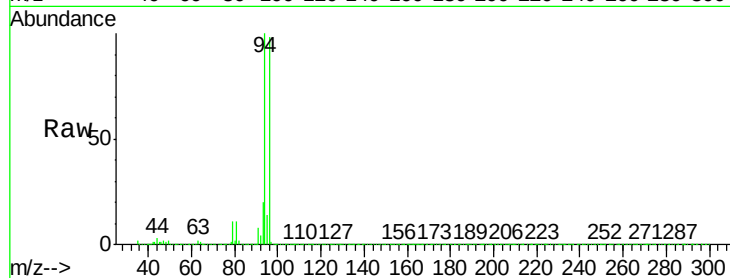
96 97.7 75.2 112.8

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#6

Chloroethane

Concen: 48.101 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014343.D

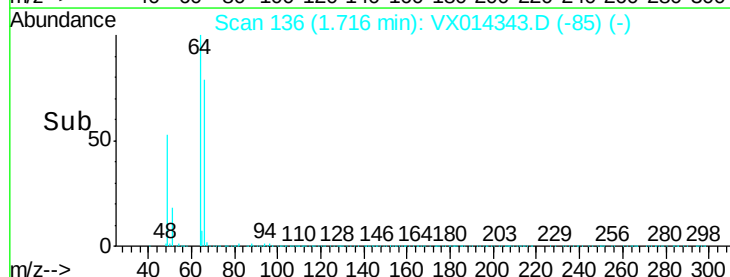
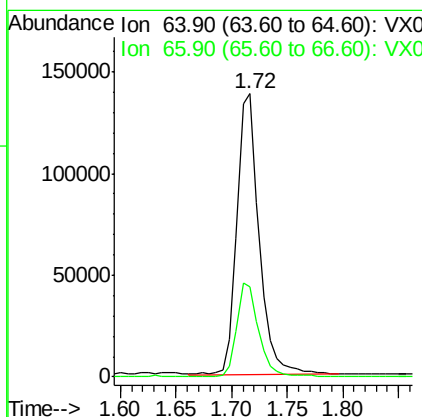
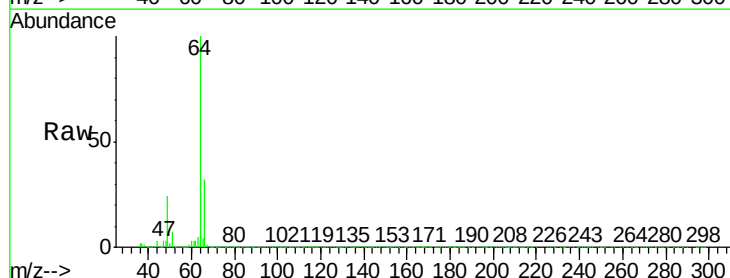
Acq: 30 Dec 2019 09:48

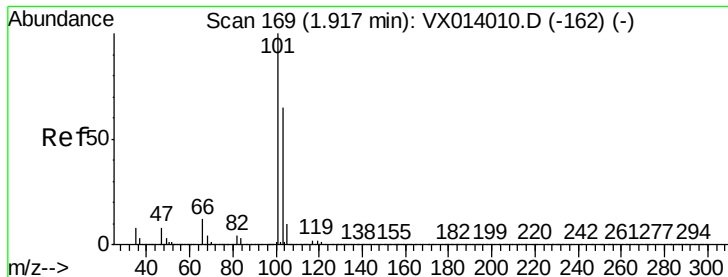
Tgt Ion: 64 Resp: 191632

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2





#7

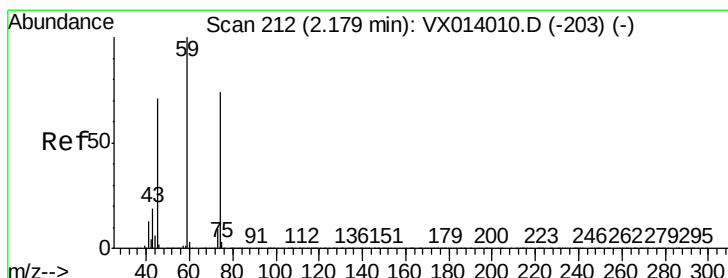
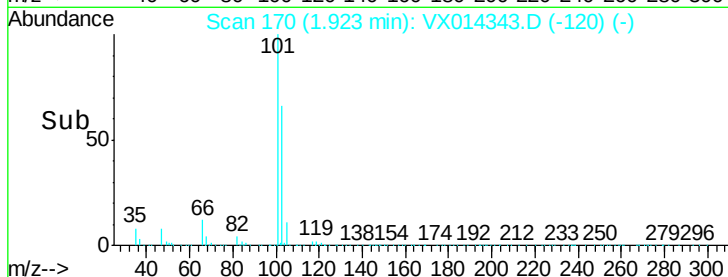
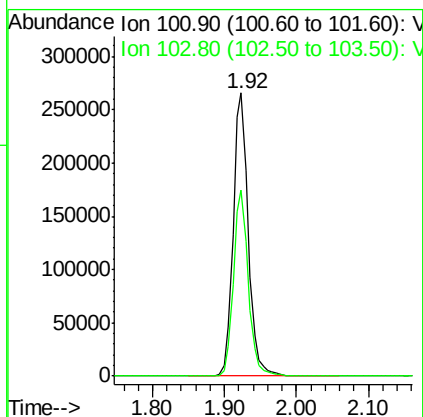
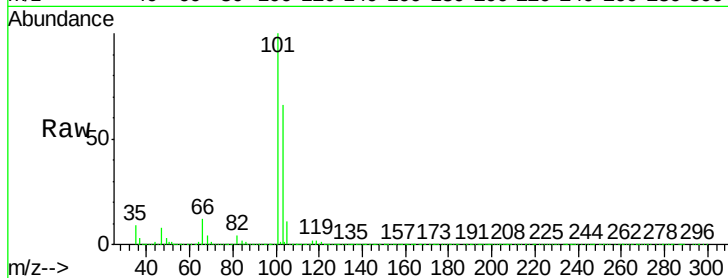
Trichlorofluoromethane
Concen: 48.826 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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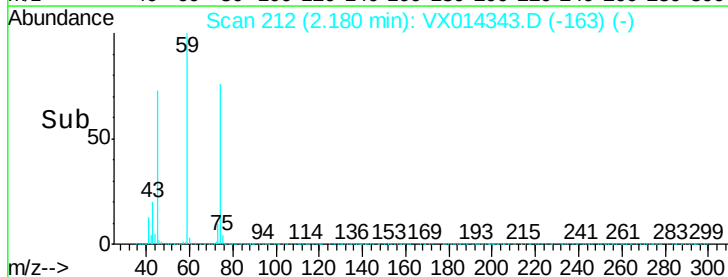
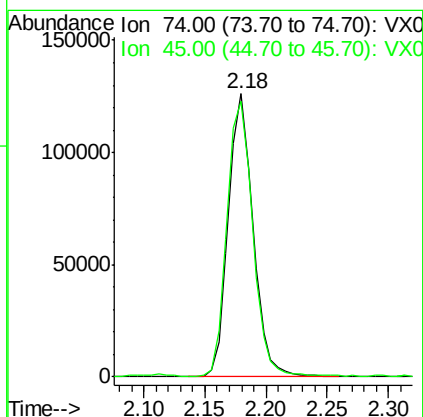
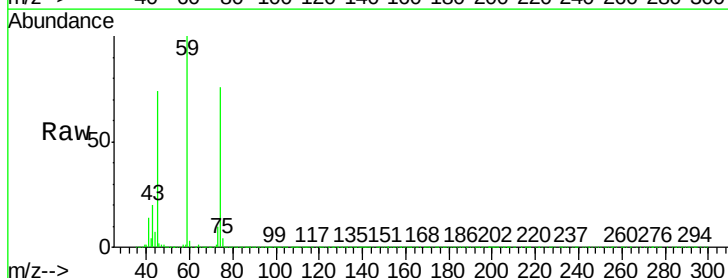
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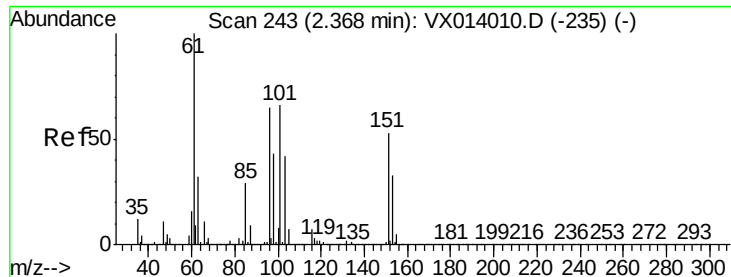


#8

Diethyl Ether
Concen: 46.725 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.005 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

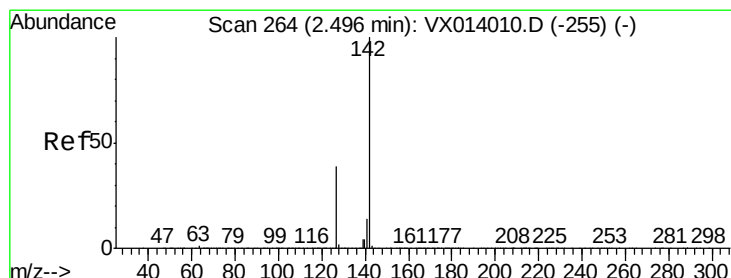
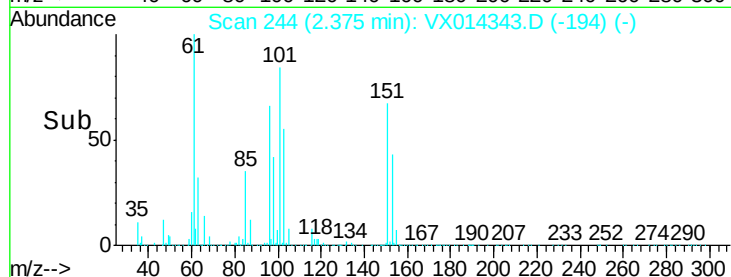
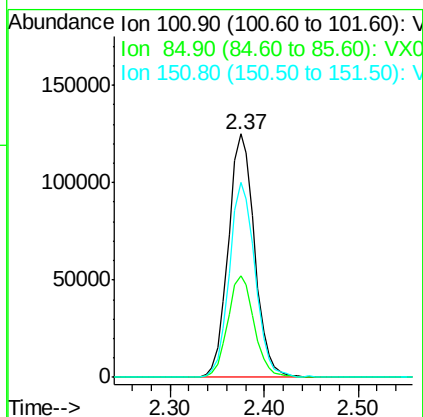
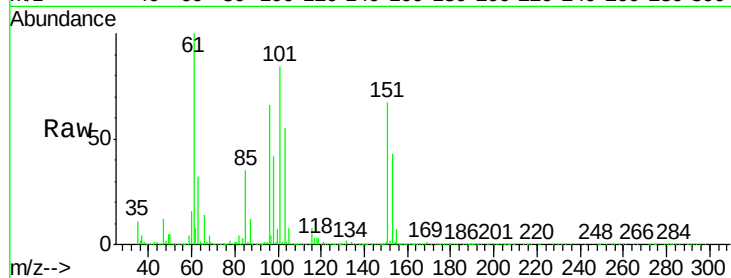
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	240866
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	79.3	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 45.305 ug/l

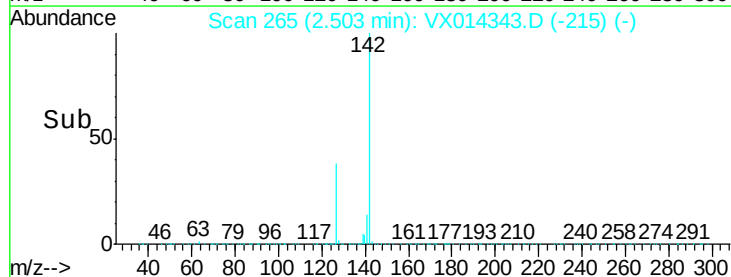
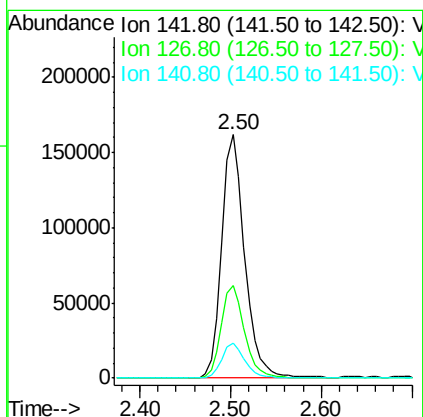
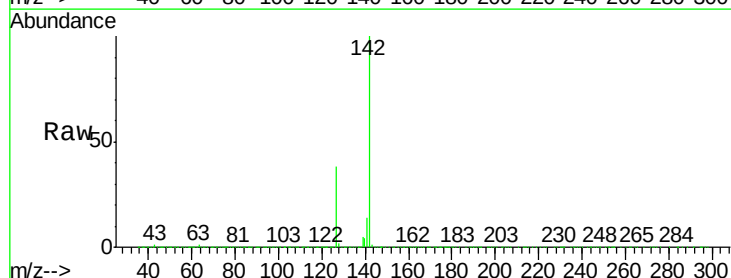
RT: 2.50 min Scan# 265

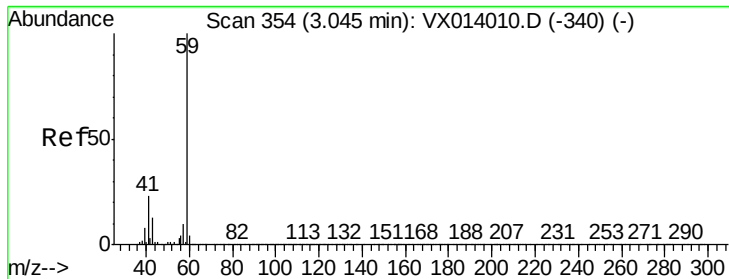
Delta R.T. 0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	142	Resp:	286136
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.6	47.4
141	14.4	11.6	17.4





#11

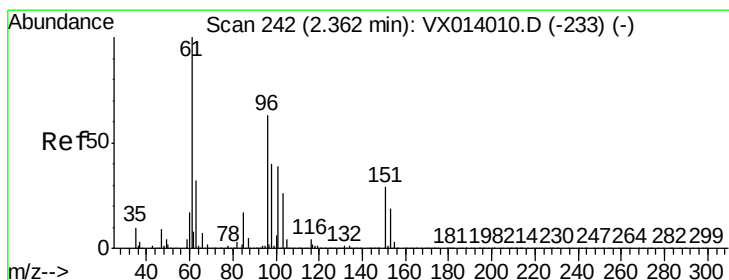
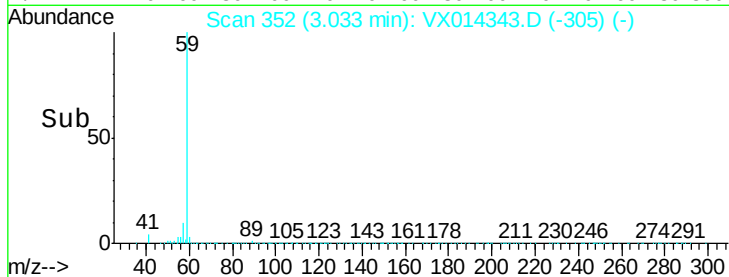
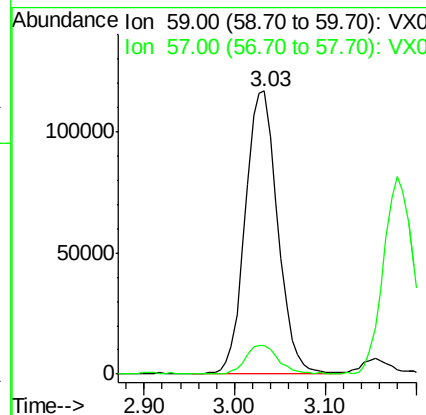
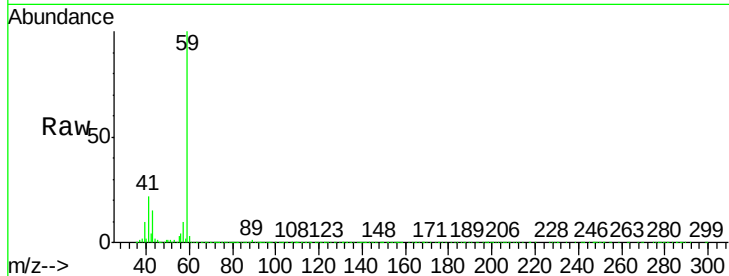
Tert butyl alcohol
Concen: 230.705 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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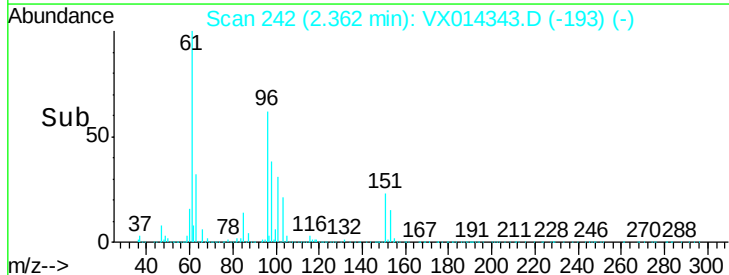
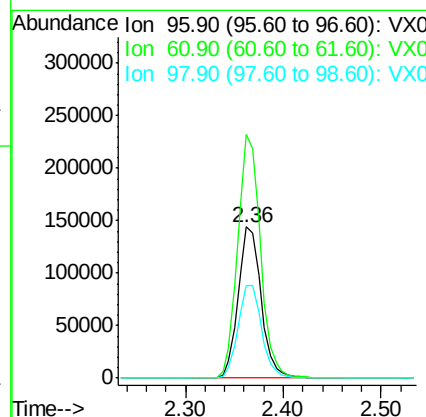
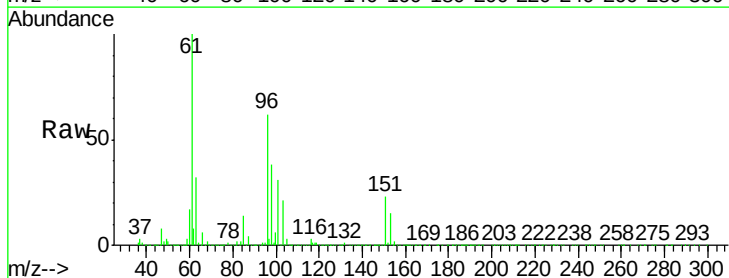
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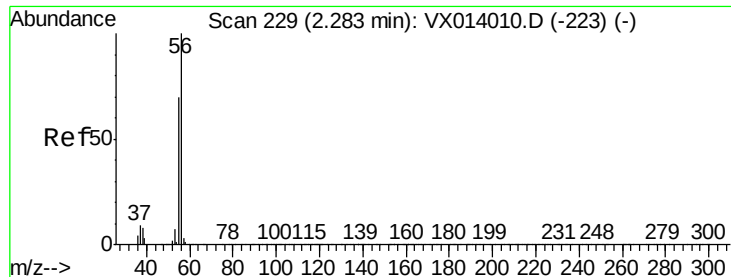


#12

1,1-Dichloroethene
Concen: 47.939 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	127.9	191.9
98	61.3	50.5	75.7





#13

Acrolein

Concen: 284.339 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 203100

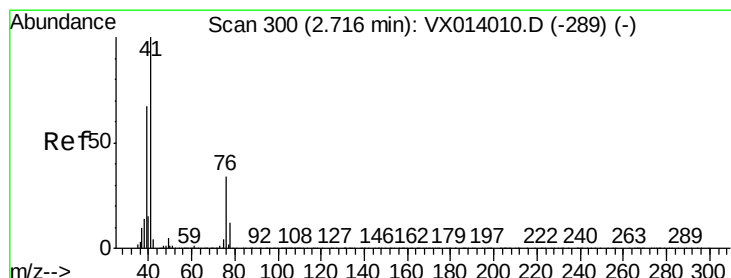
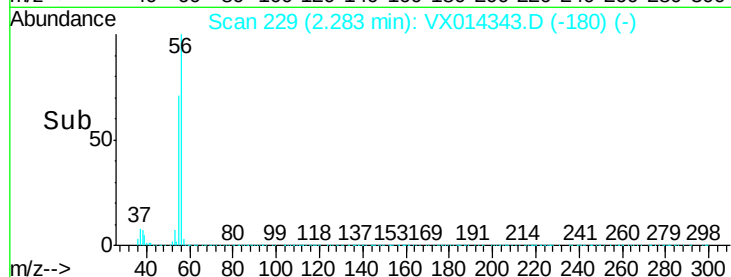
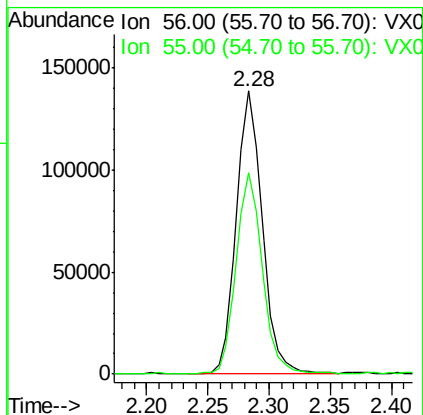
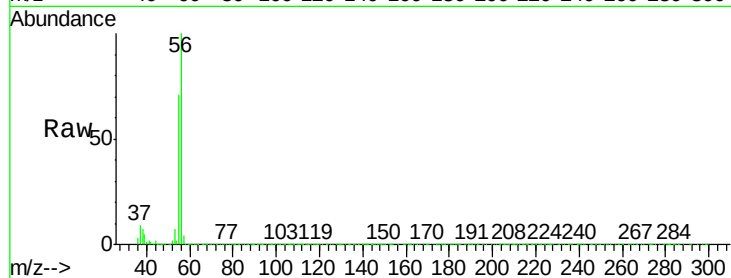
Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3

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#14

Allyl chloride

Concen: 51.575 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

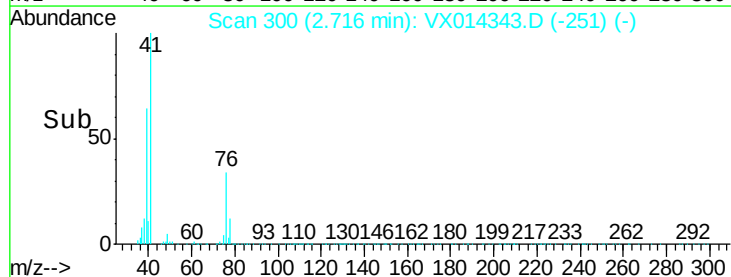
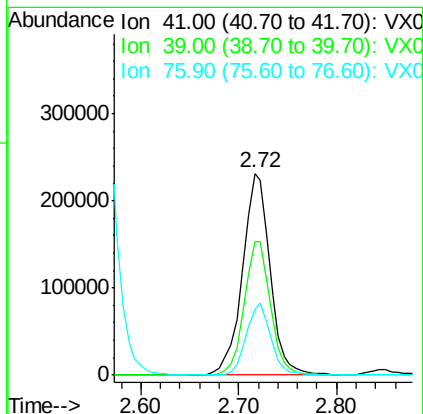
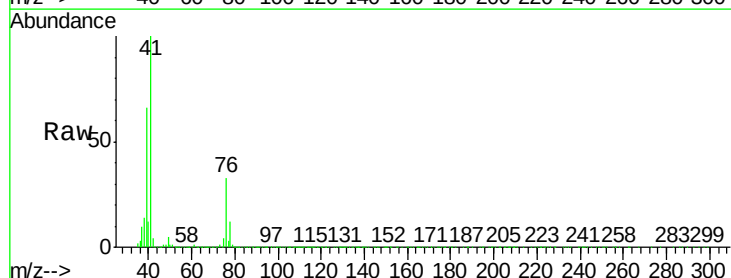
Tgt Ion: 41 Resp: 451349

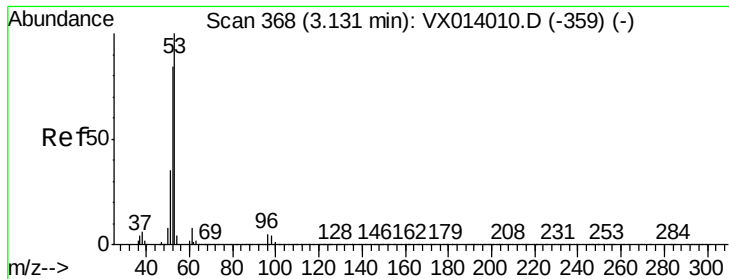
Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.8

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 256.976 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

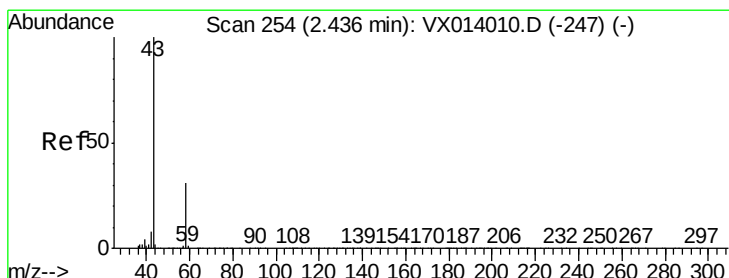
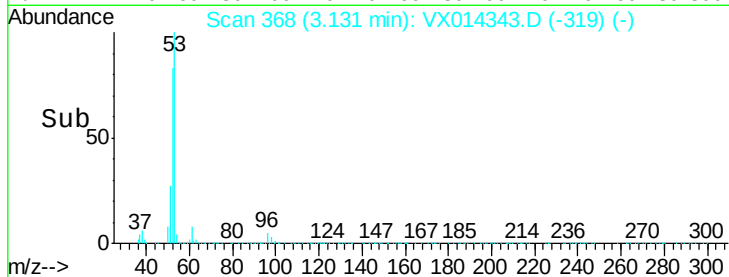
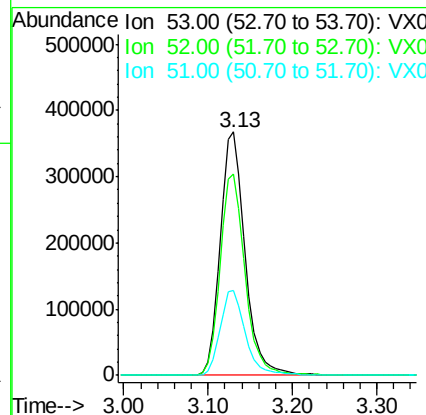
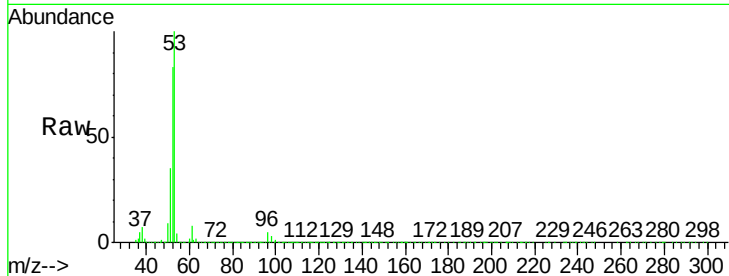
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	748440
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.3	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 230.315 ug/l

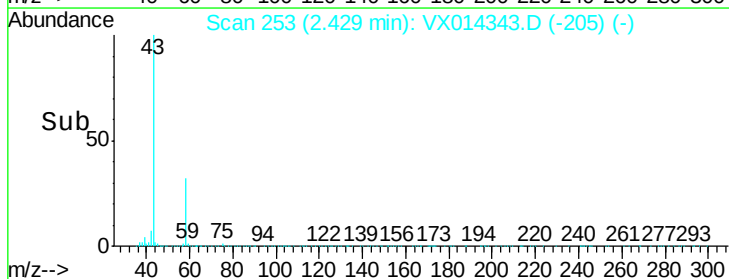
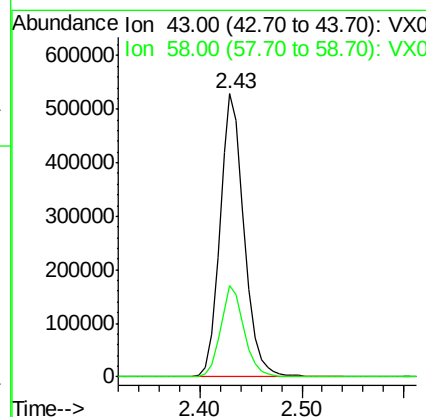
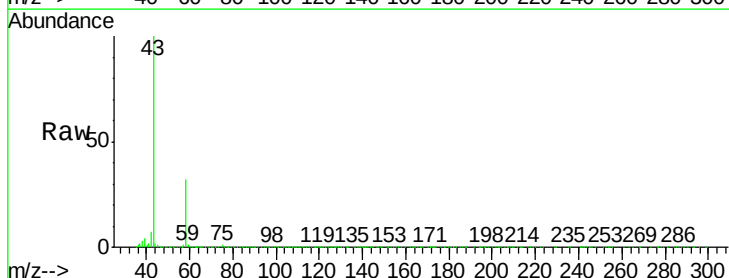
RT: 2.43 min Scan# 253

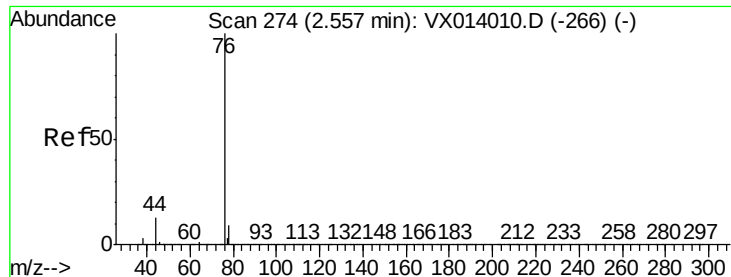
Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	43	Resp:	863479
Ion Ratio	Lower	Upper	
43	100		
58	32.1	24.9	37.3





#17

Carbon Disulfide

Concen: 44.057 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 598254

Ion Ratio Lower Upper

76 100

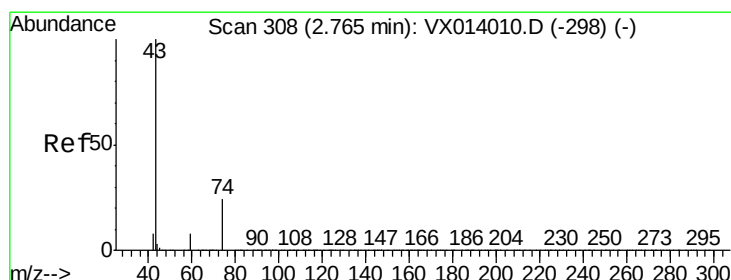
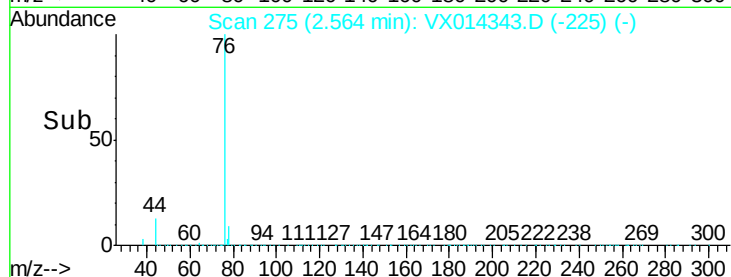
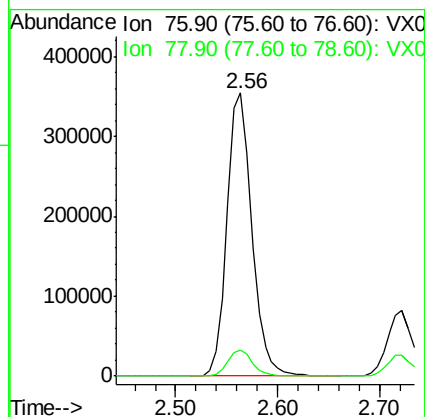
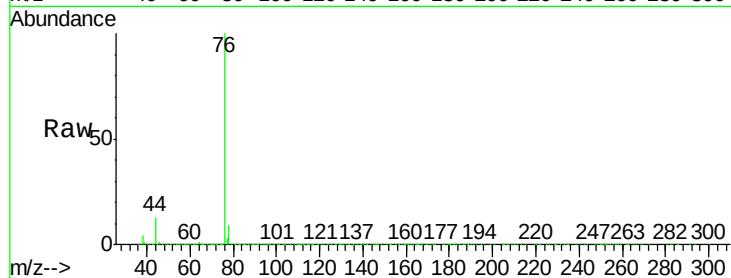
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 51.904 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014343.D

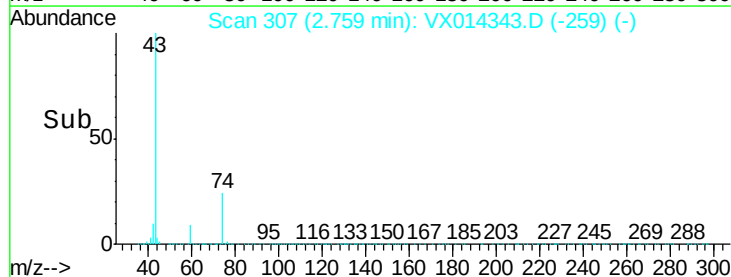
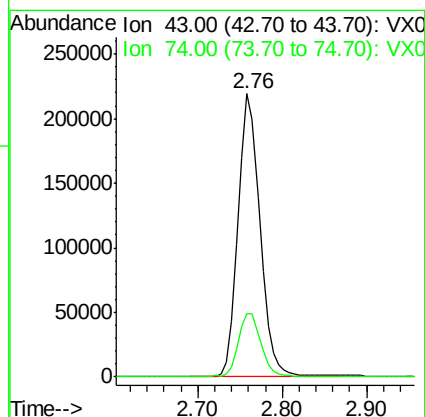
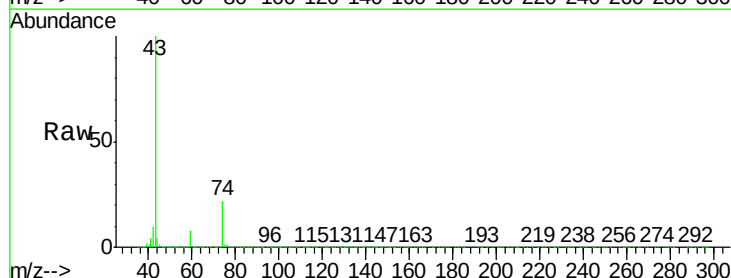
Acq: 30 Dec 2019 09:48

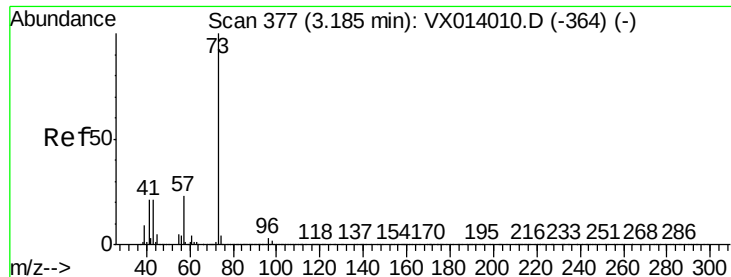
Tgt Ion: 43 Resp: 385599

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3





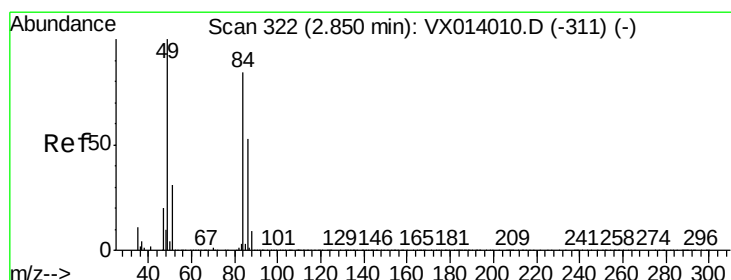
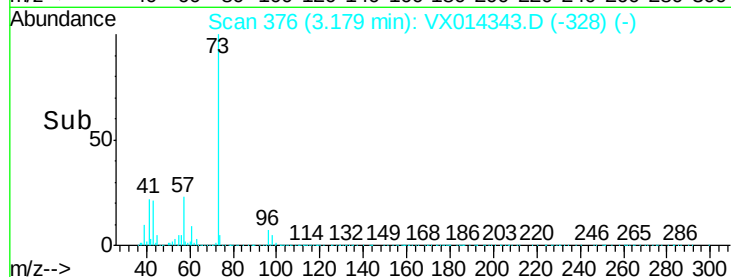
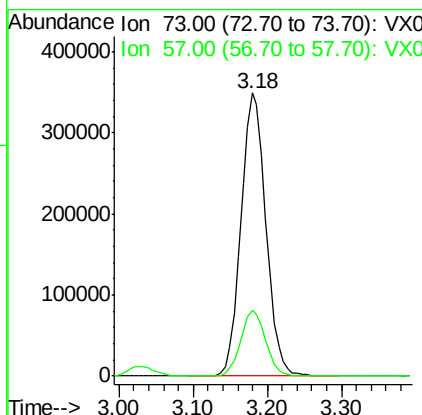
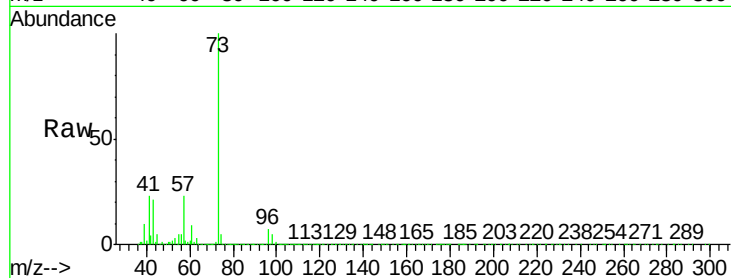
#19
Methyl tert-butyl Ether
Concen: 50.770 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.8	28.2

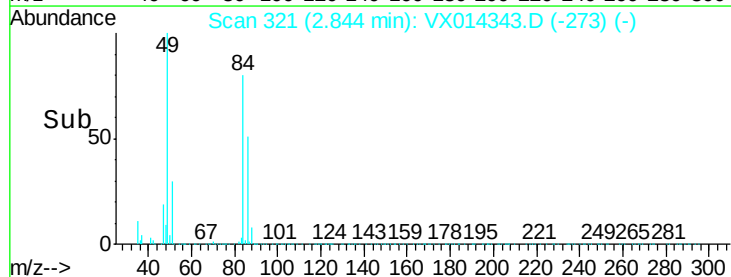
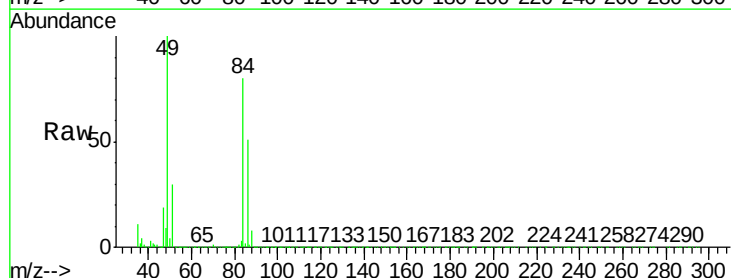
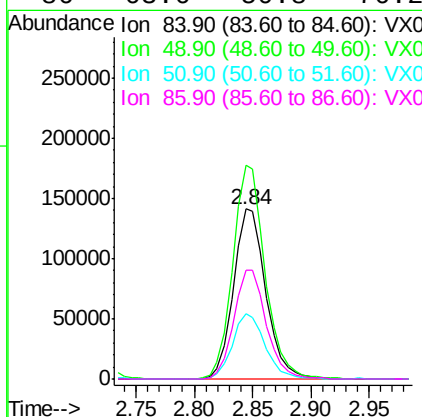
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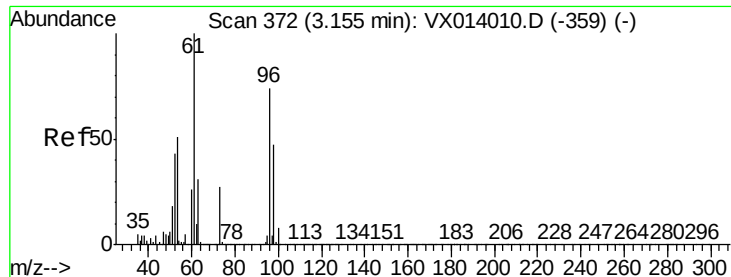
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#20
Methylene Chloride
Concen: 46.275 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	95.8	143.6
51	38.1	29.8	44.8
86	63.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.713 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

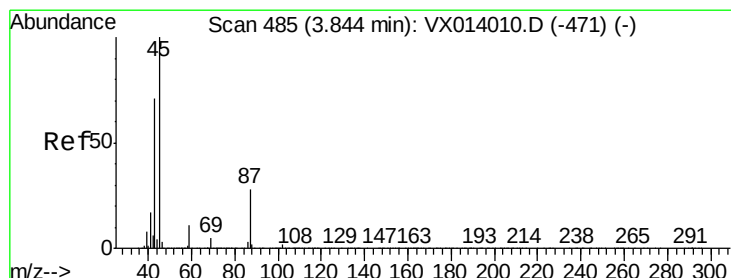
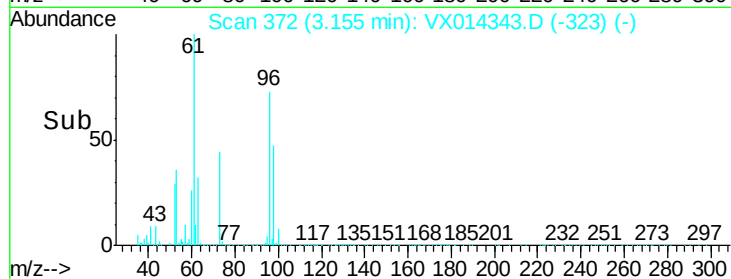
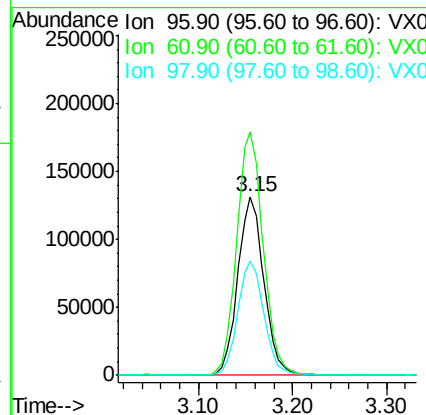
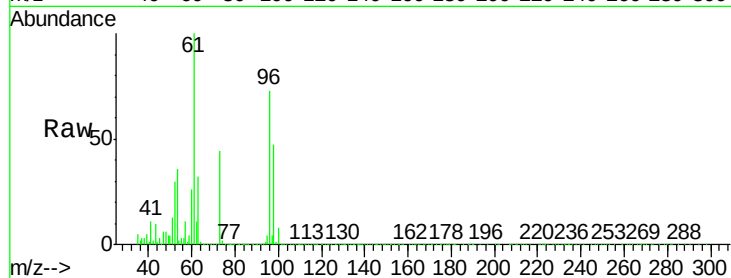
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	252239
Ion	Ratio	Lower	Upper
96	100		
61	136.4	108.3	162.5
98	64.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.918 ug/l

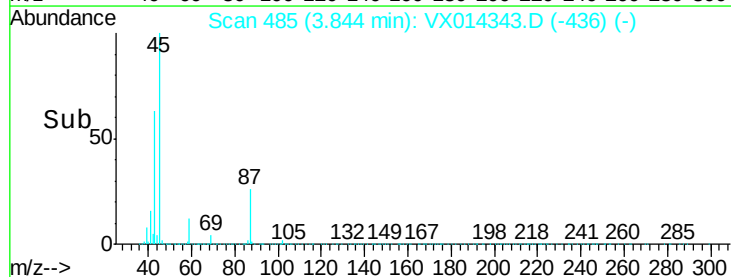
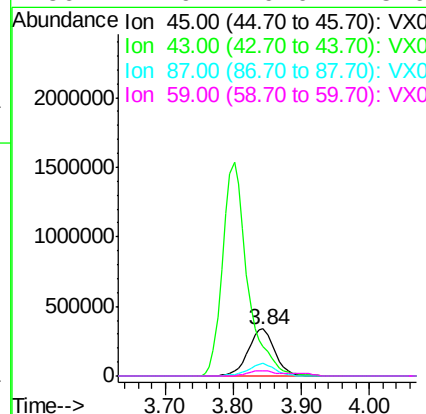
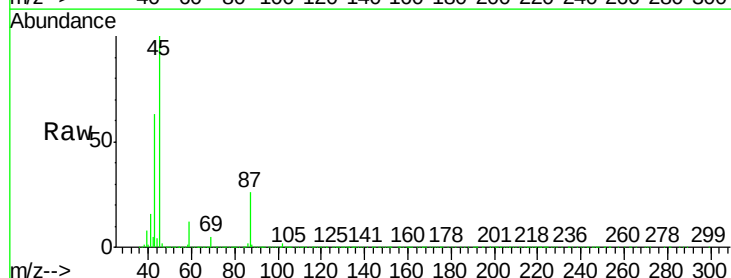
RT: 3.84 min Scan# 485

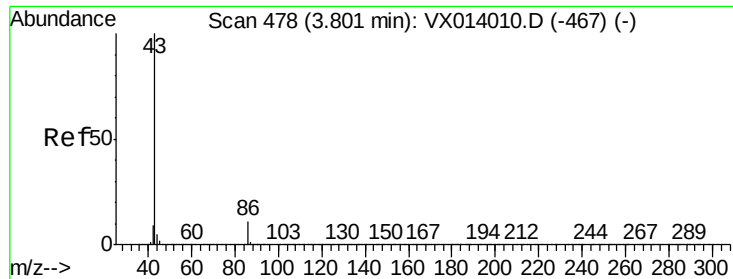
Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	45	Resp:	922850
Ion	Ratio	Lower	Upper
45	100		
43	62.9	57.4	86.0
87	25.8	21.9	32.9
59	11.9	9.0	13.6





#23

Vinyl Acetate

Concen: 275.027 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3913994

Ion Ratio Lower Upper

43 100

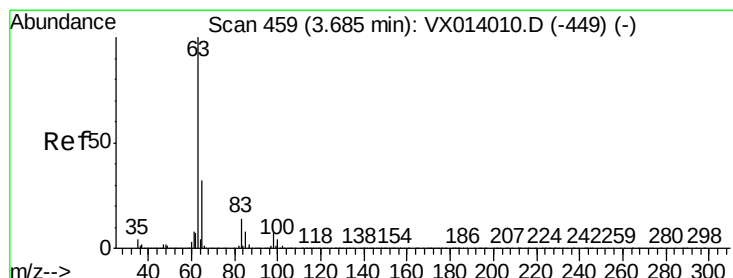
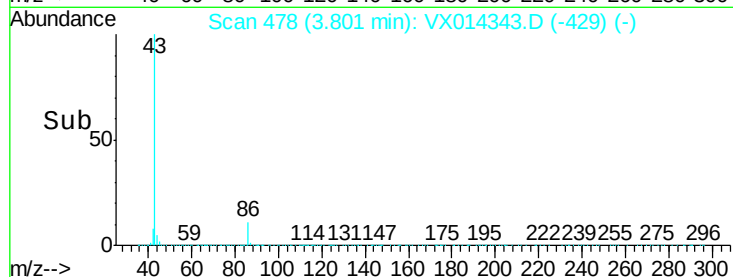
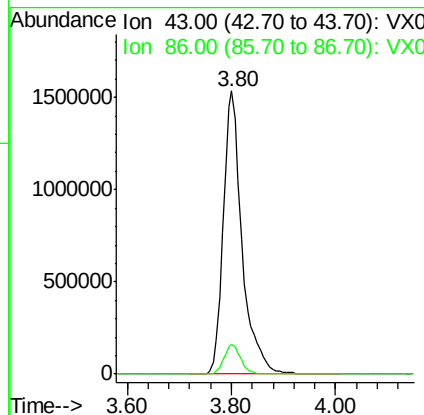
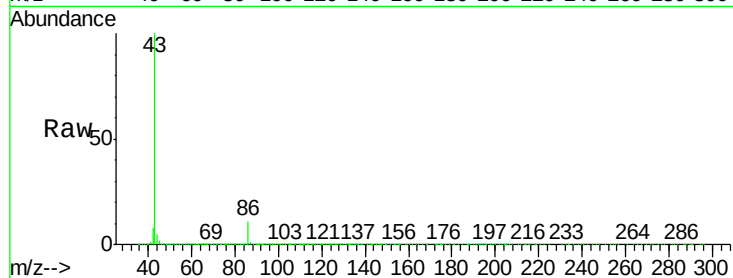
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.780 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

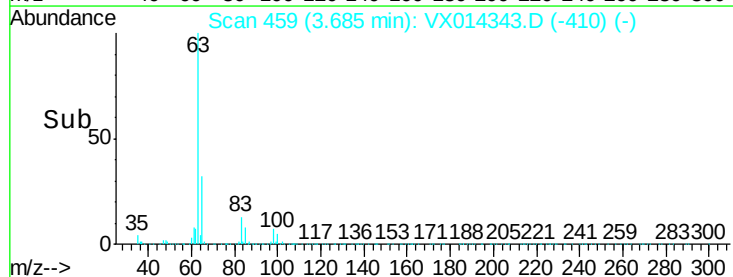
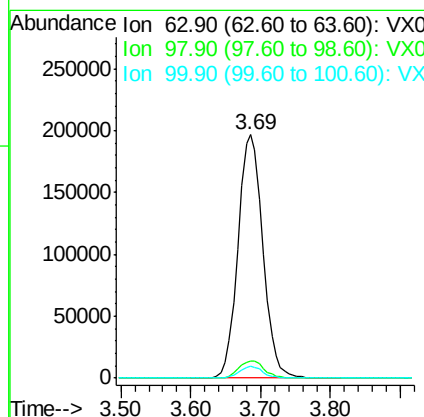
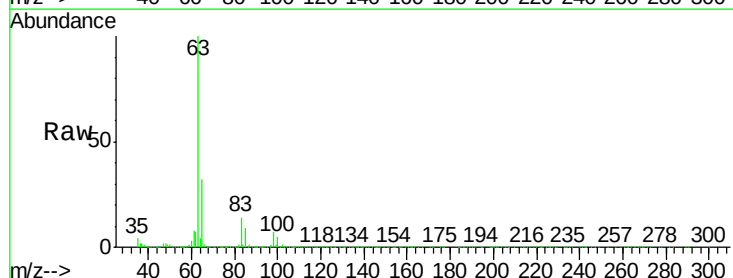
Tgt Ion: 63 Resp: 482985

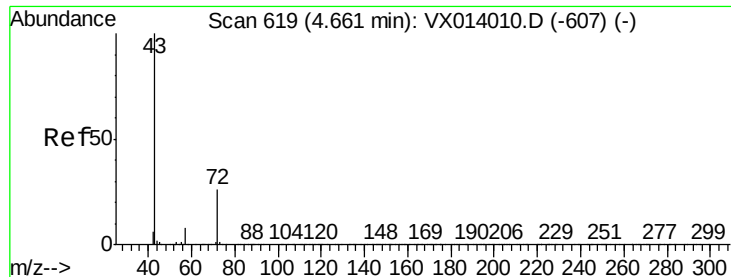
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 257.391 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1189721

Ion Ratio Lower Upper

43 100

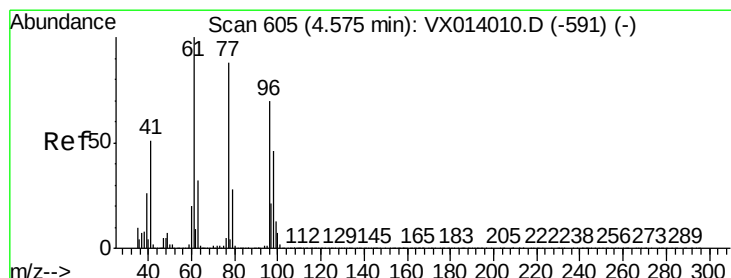
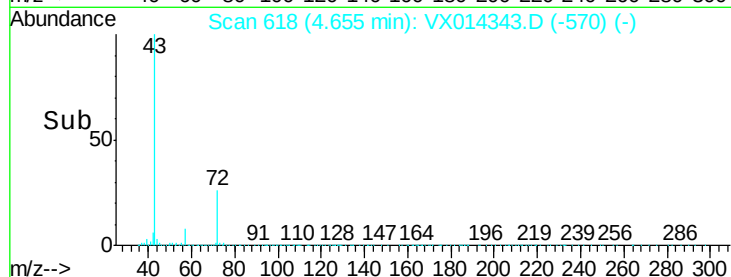
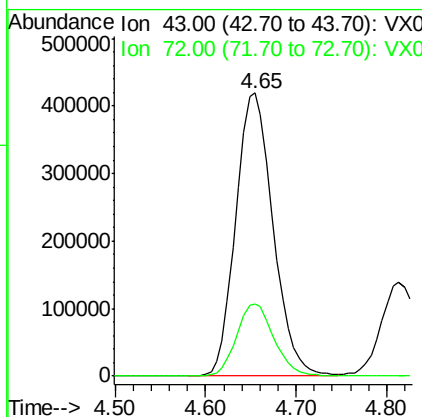
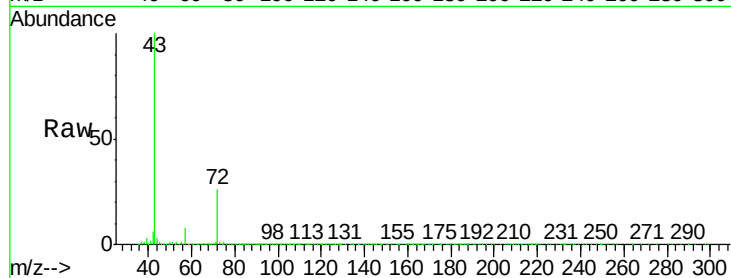
72 25.6 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 51.954 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014343.D

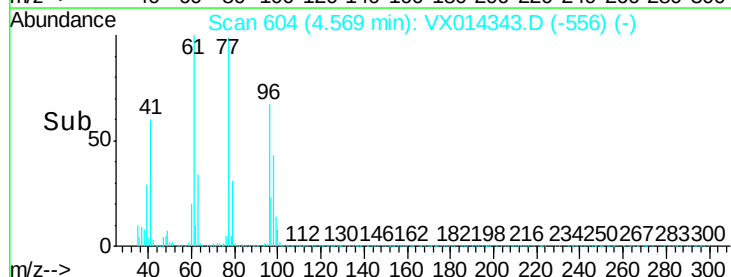
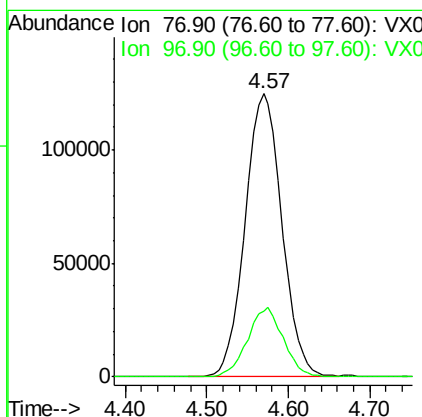
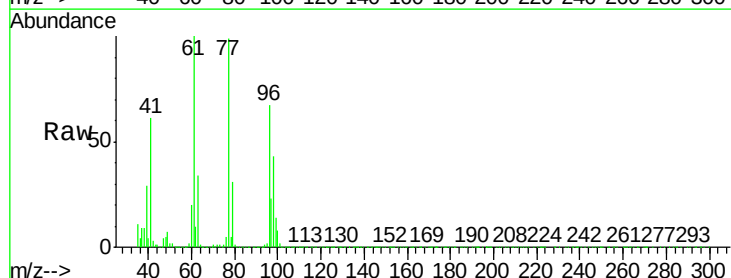
Acq: 30 Dec 2019 09:48

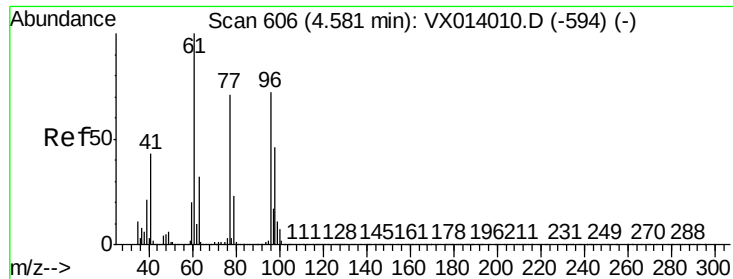
Tgt Ion: 77 Resp: 391373

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

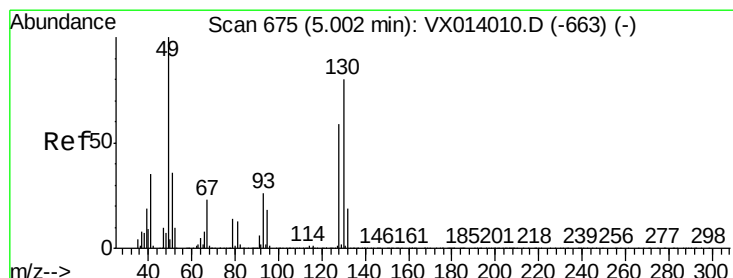
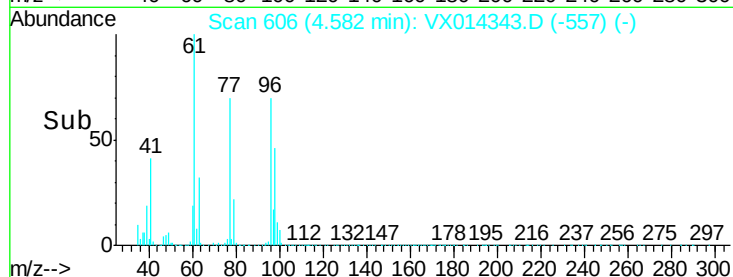
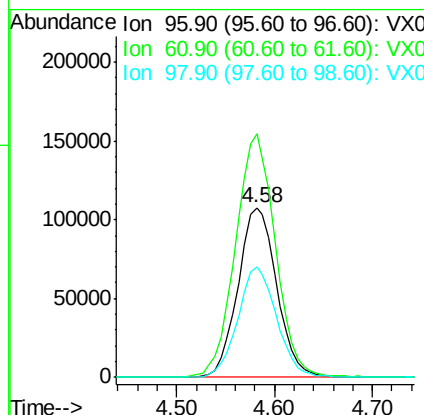
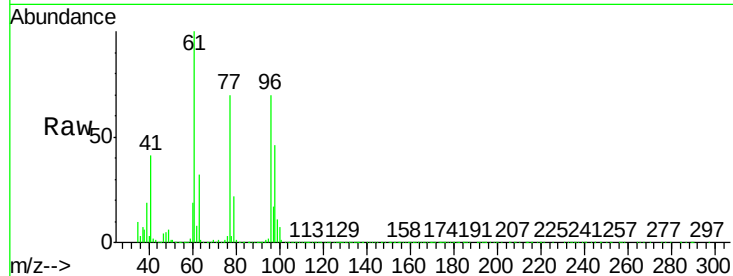
cis-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	288.4
98	65.1	0.0	129.6

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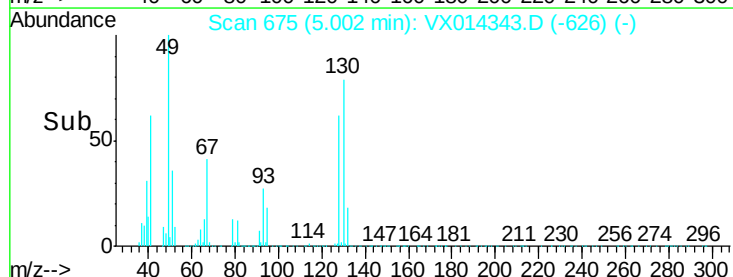
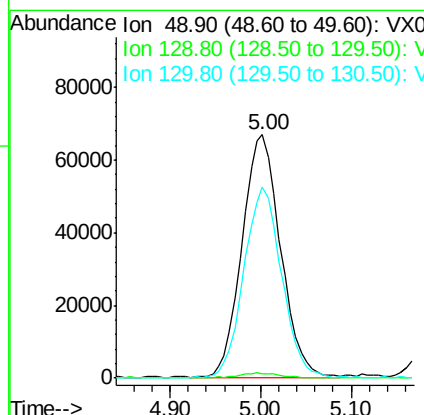
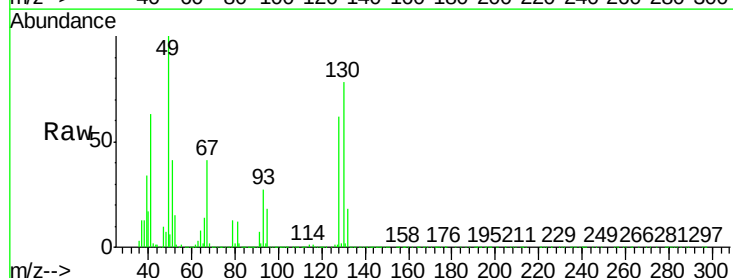
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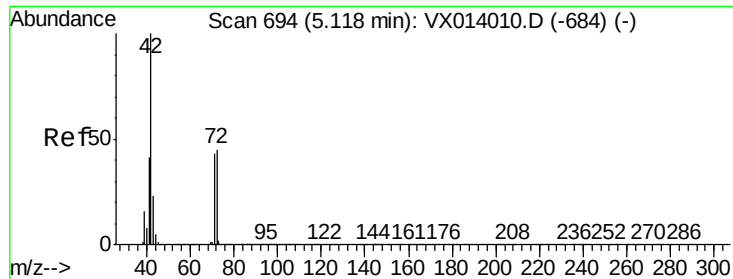


#28

Bromochloromethane
Concen: 52.776 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	77.1	64.6	97.0





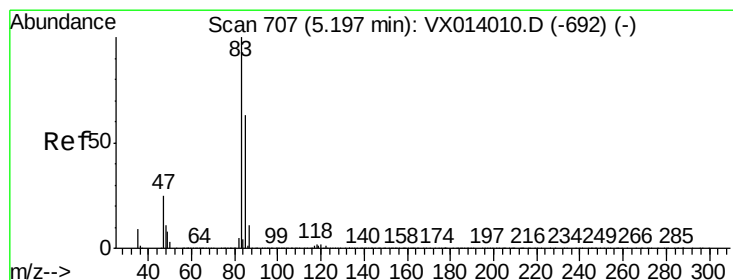
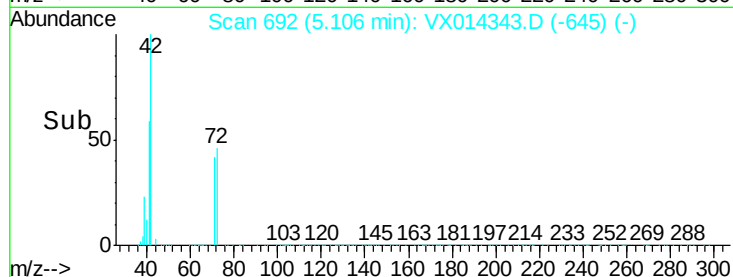
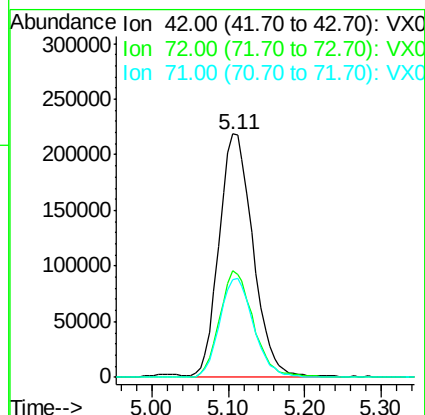
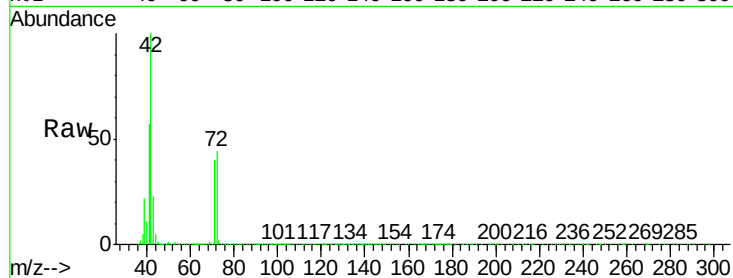
#29
Tetrahydrofuran
Concen: 258.600 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.8	53.8
71	40.8	33.6	50.4

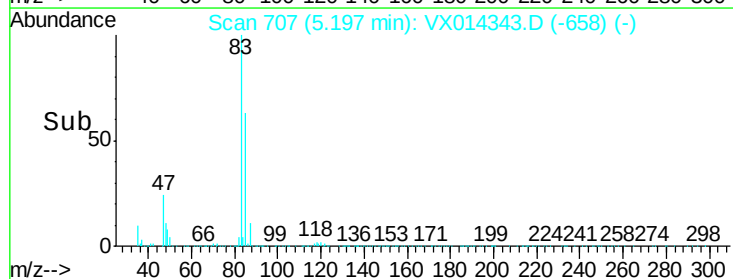
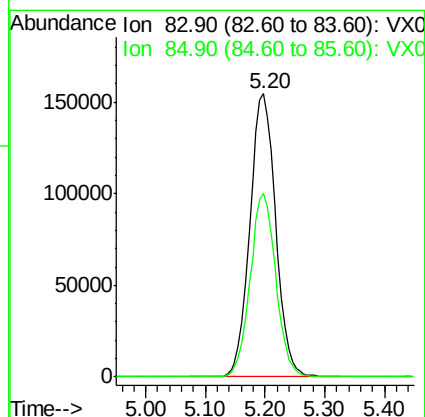
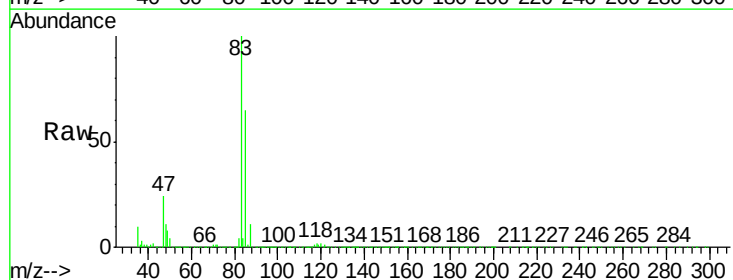
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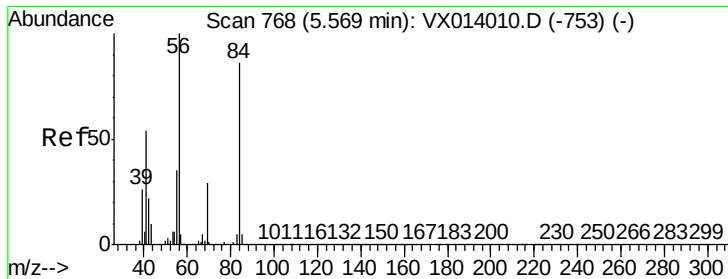
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#30
Chloroform
Concen: 50.730 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





#31

Cyclohexane

Concen: 50.094 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014343.D

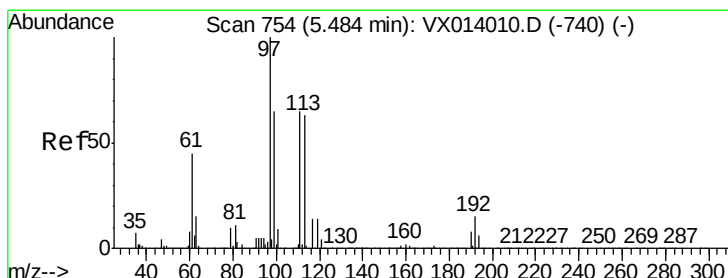
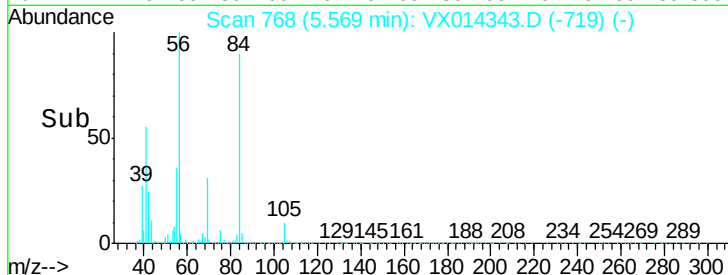
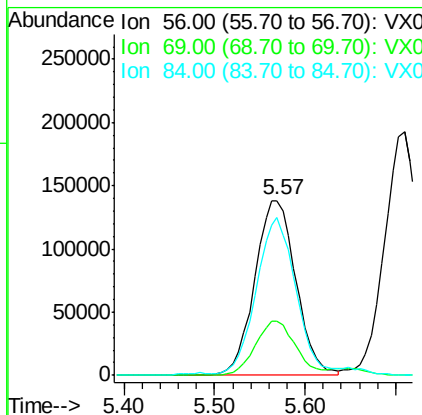
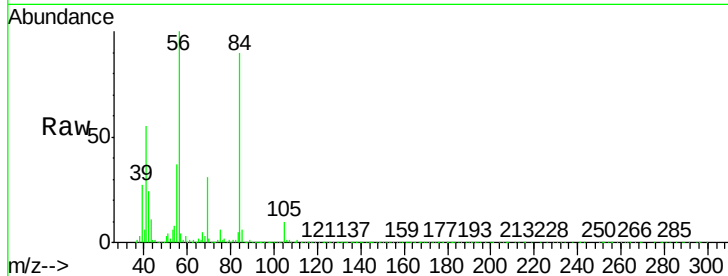
Acq: 30 Dec 2019 09:48

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.2	34.8
84	89.2	69.2	103.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#32

1,1,1-Trichloroethane

Concen: 49.300 ug/l

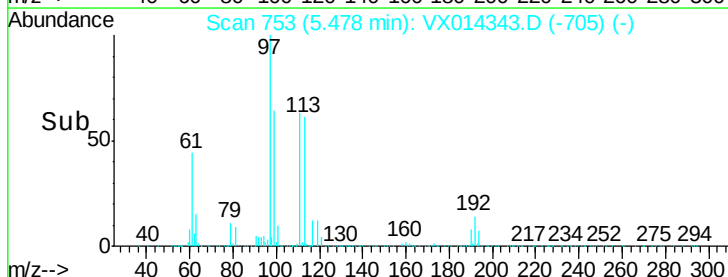
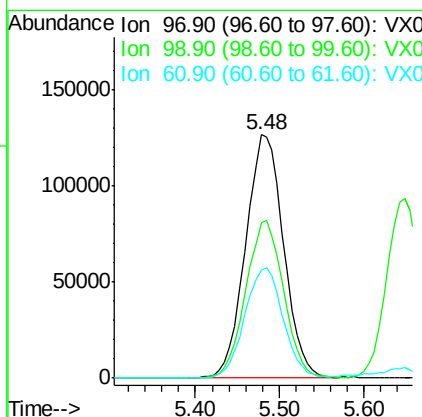
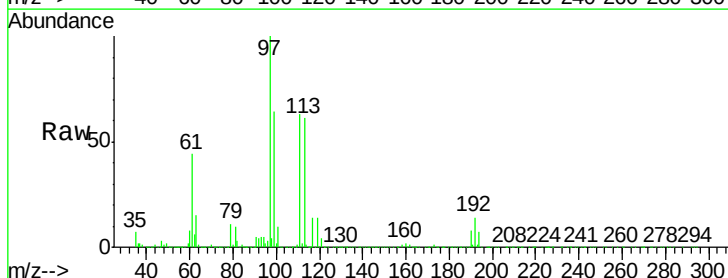
RT: 5.48 min Scan# 753

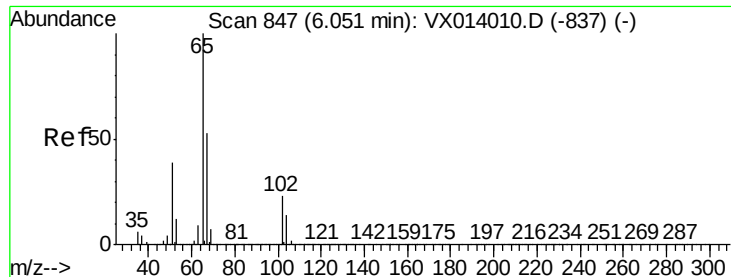
Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	45.5	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 49.513 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 285928

Ion Ratio Lower Upper

65 100

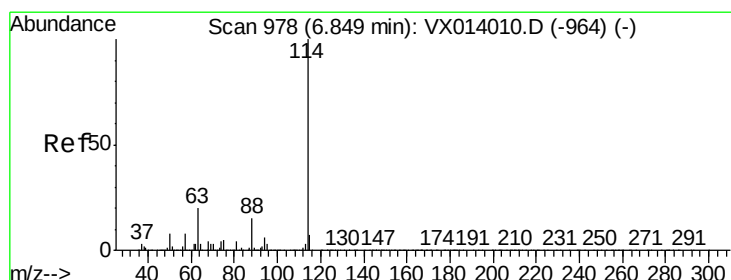
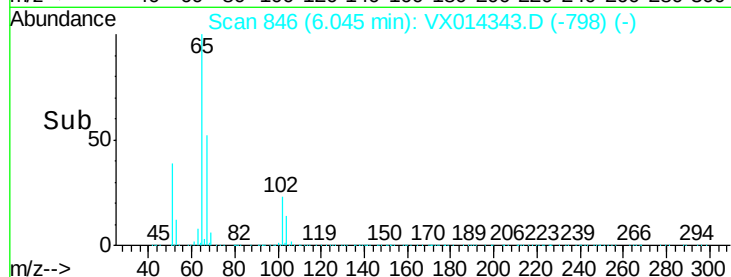
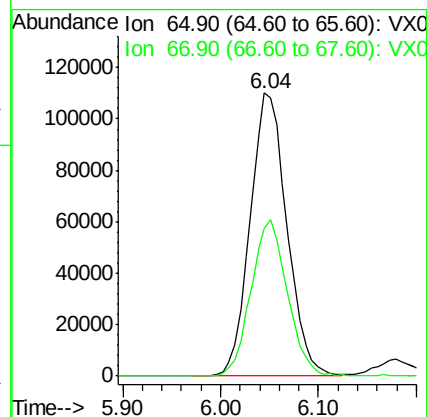
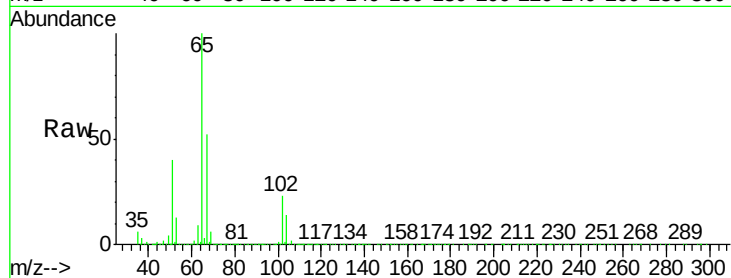
67 53.9 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

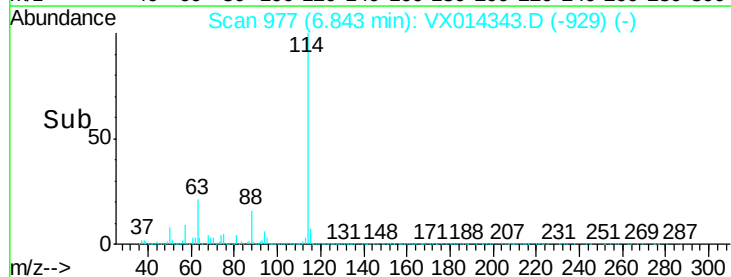
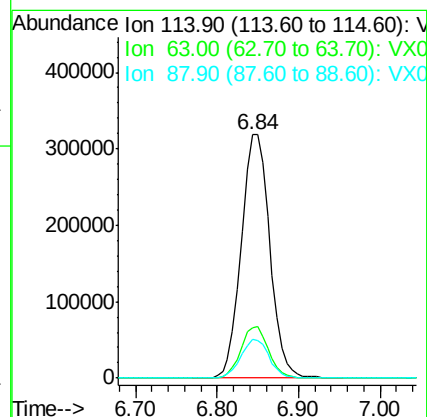
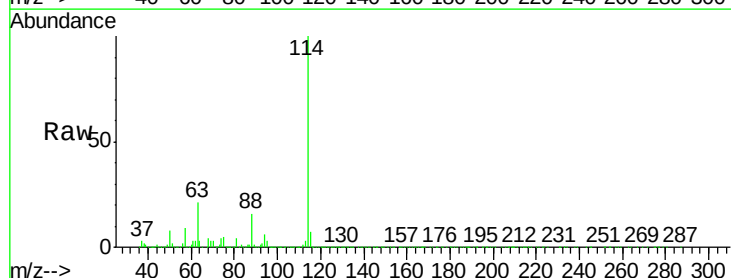
Tgt Ion: 114 Resp: 770716

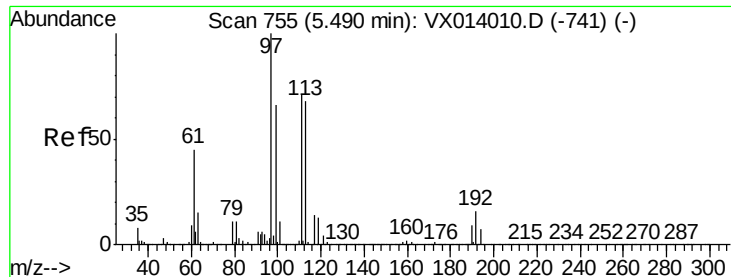
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

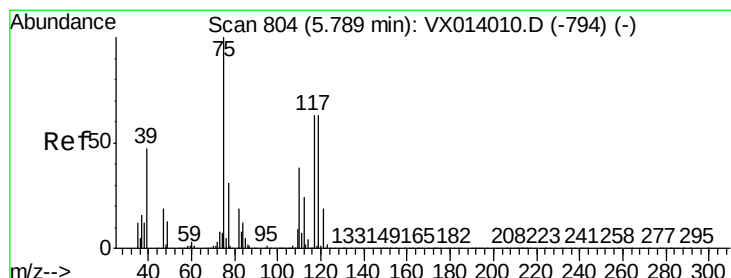
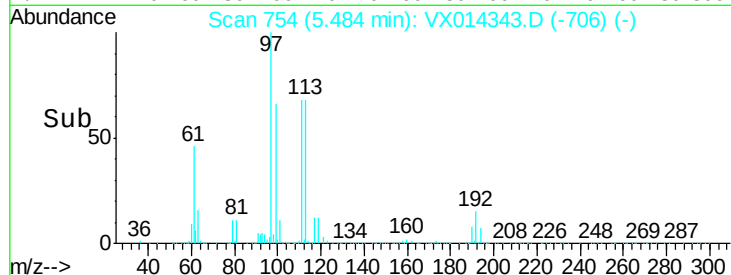
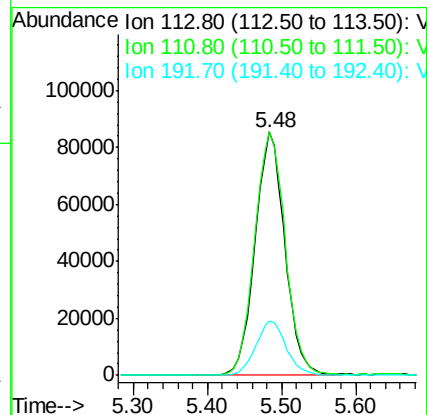
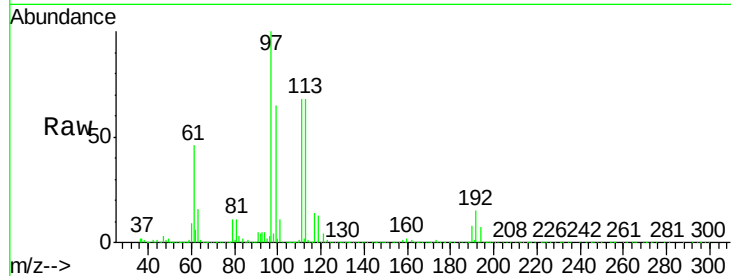
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	238475
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.0	123.0
192	23.1	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 49.481 ug/l

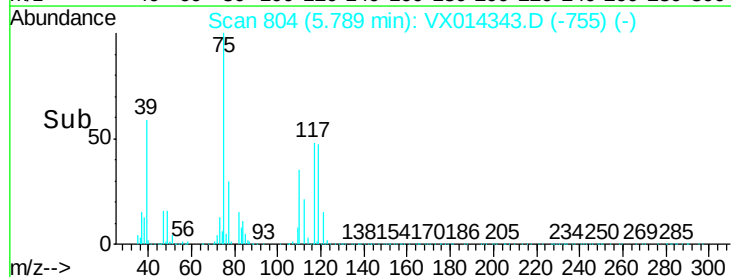
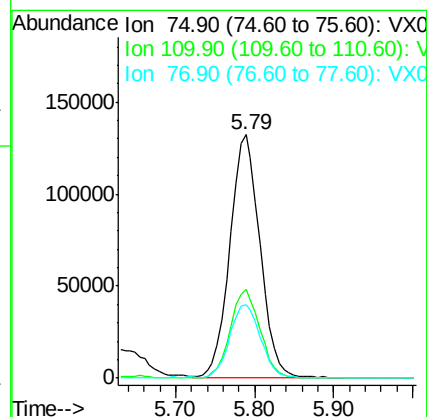
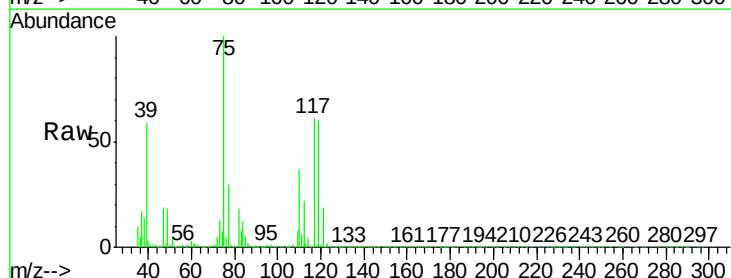
RT: 5.79 min Scan# 804

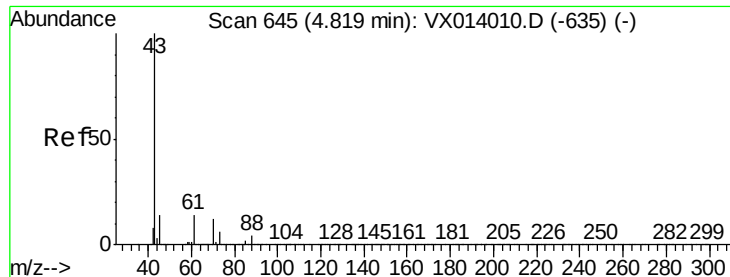
Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	75	Resp:	349916
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.3	54.9
77	30.5	24.8	37.2





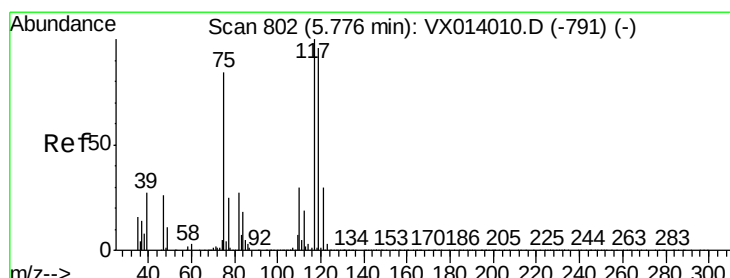
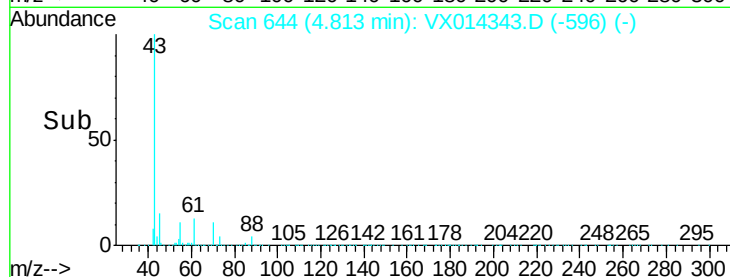
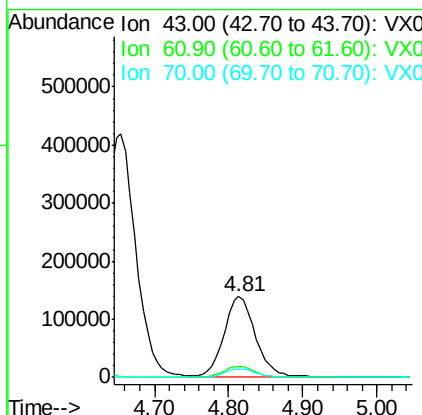
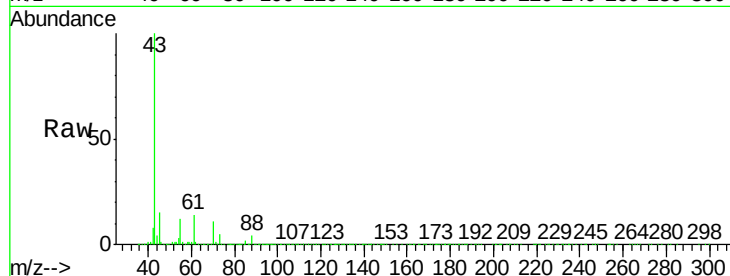
#37
Ethyl Acetate
Concen: 52.176 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	407451
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	11.0	8.6	12.8

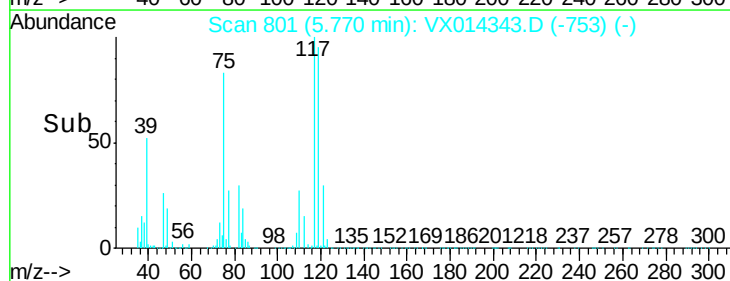
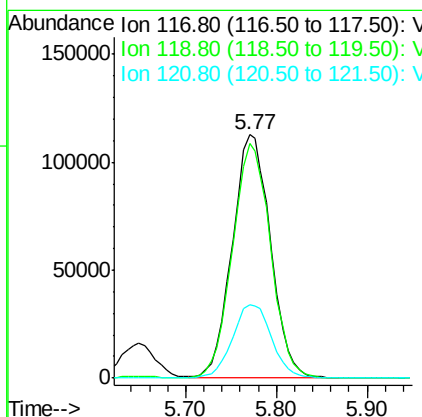
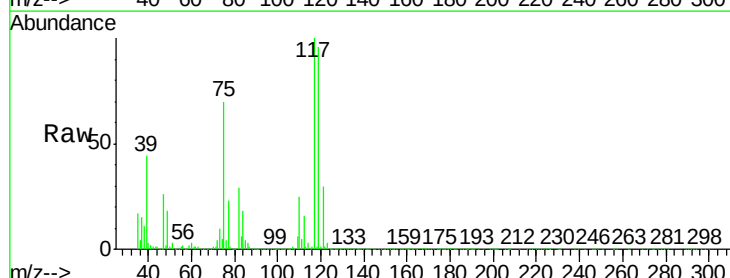
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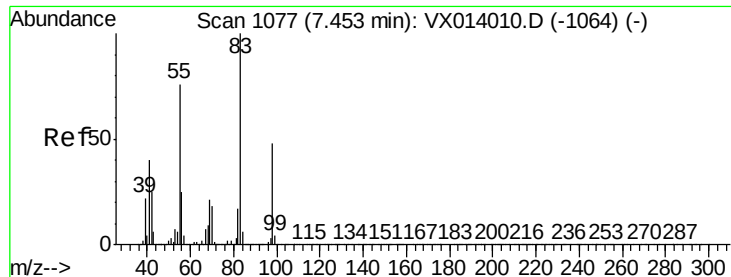
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#38
Carbon Tetrachloride
Concen: 50.954 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion:	117	Resp:	328258
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.4
121	30.3	23.6	35.4





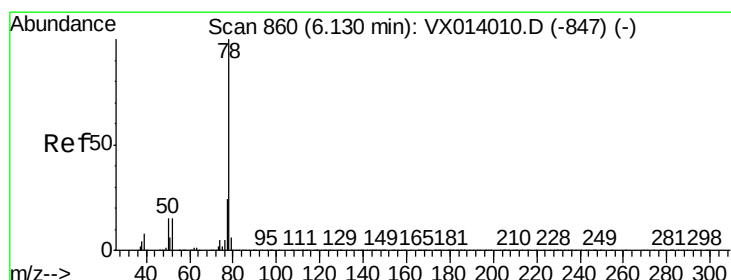
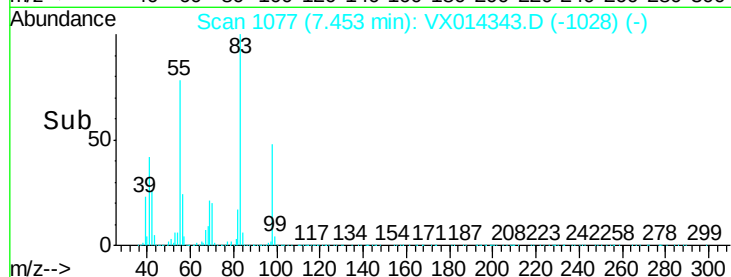
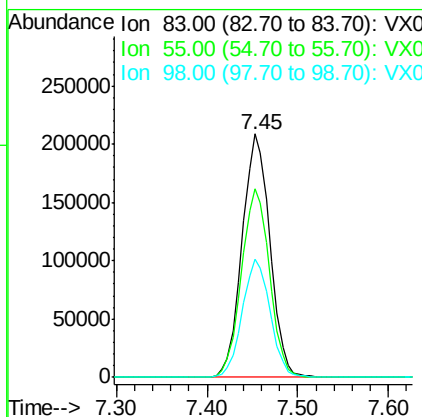
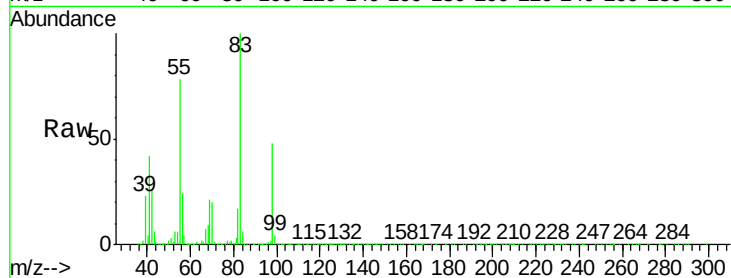
#39
Methylvlcyclohexane
Concen: 50.794 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.0	91.6
98	48.4	38.6	57.8

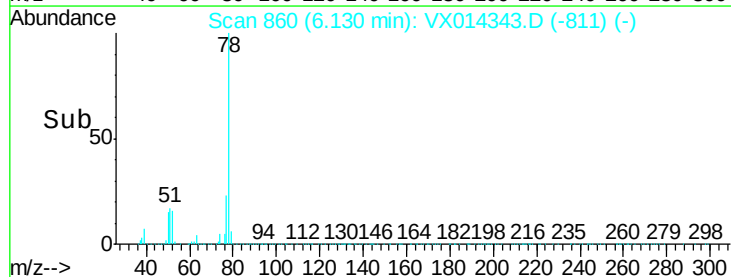
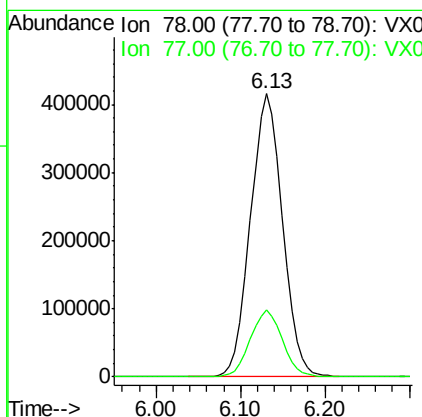
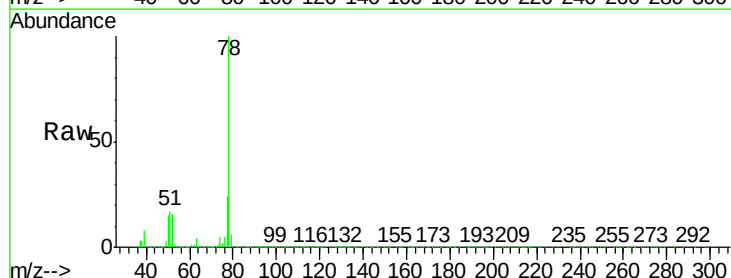
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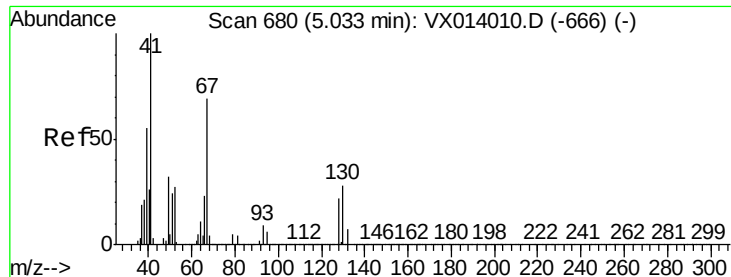
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#40
Benzene
Concen: 49.448 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





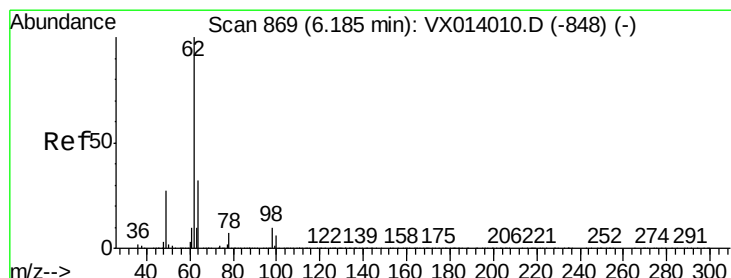
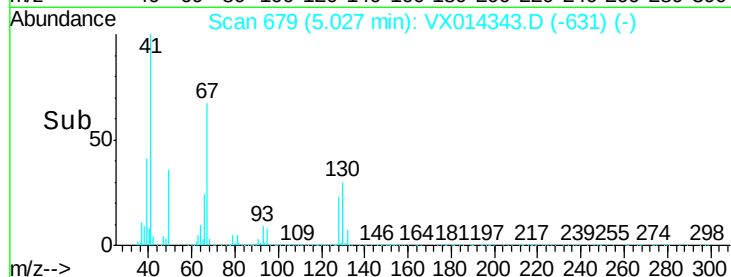
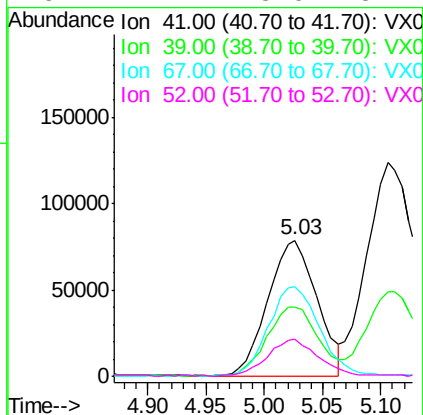
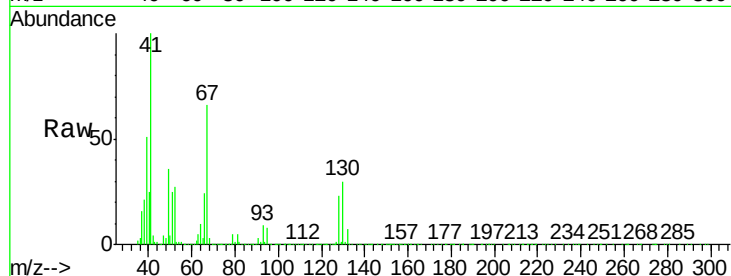
#41
Methacrylonitrile
Concen: 52.900 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	44.5	66.7	
67	69.4	57.4	86.0	
52	27.1	23.0	34.4	

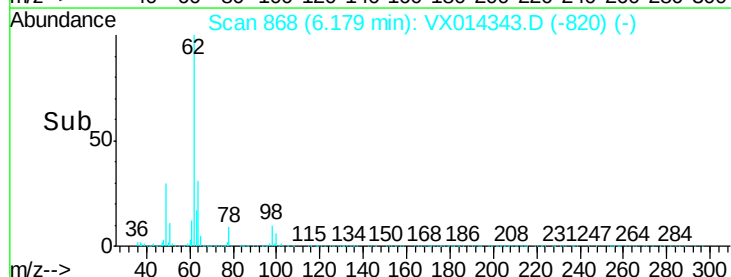
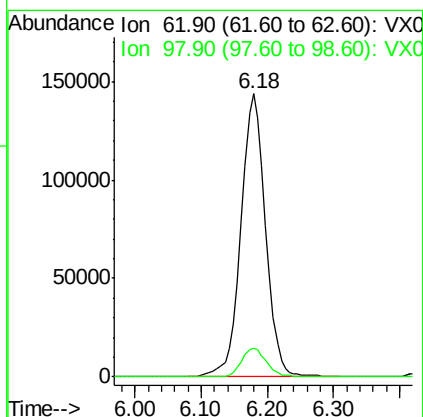
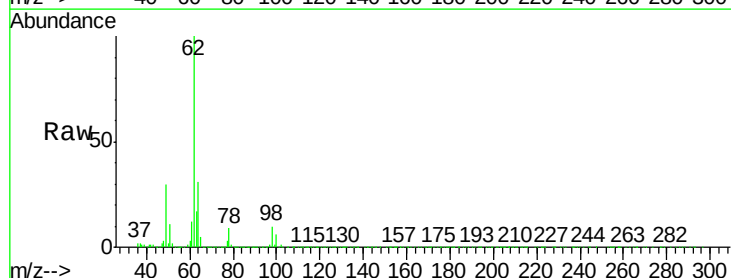
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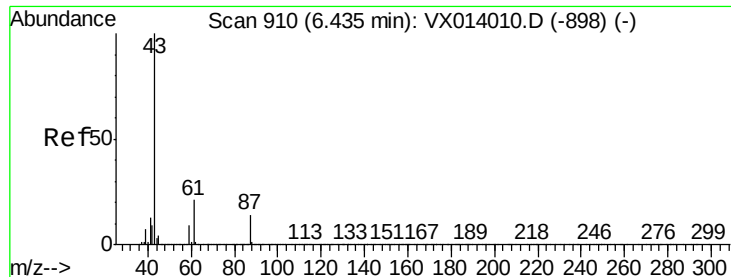
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#42
1,2-Dichloroethane
Concen: 49.993 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

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





#43

Isopropyl Acetate

Concen: 52.578 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

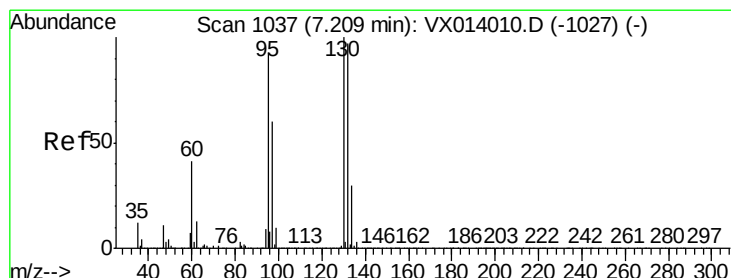
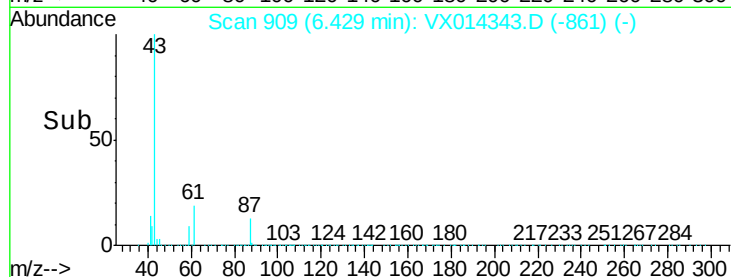
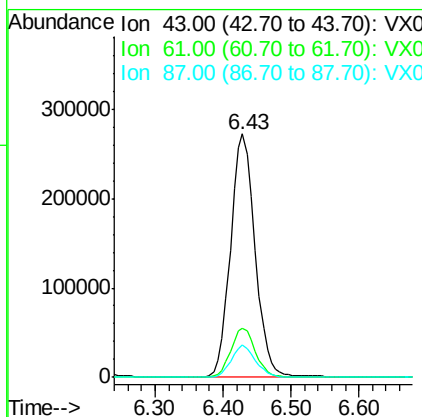
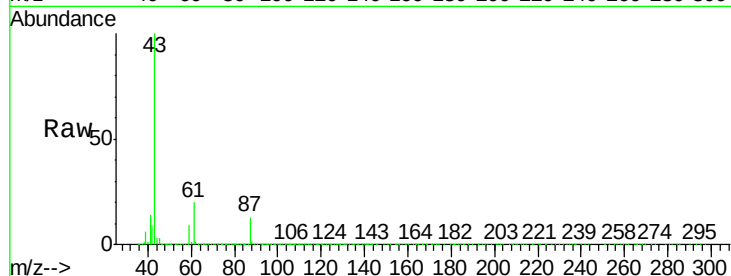
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	679511
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	12.9	10.7	16.1

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#44

Trichloroethene

Concen: 48.852 ug/l

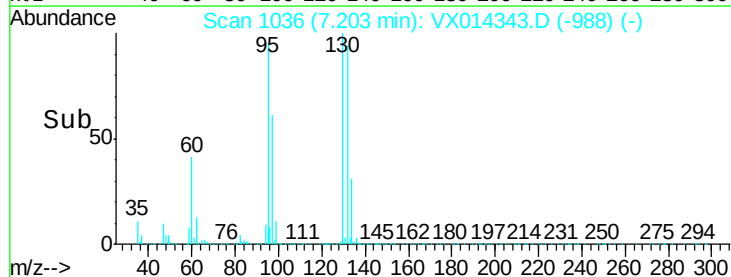
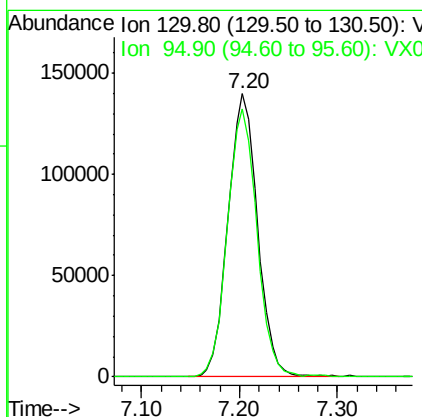
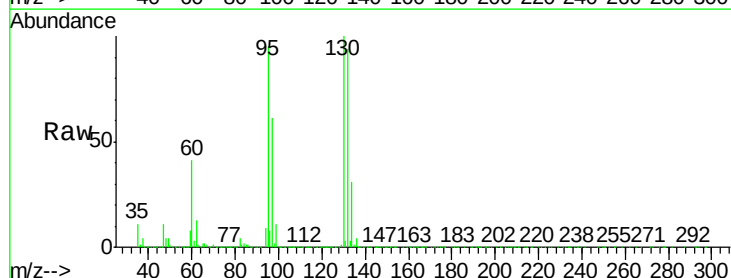
RT: 7.20 min Scan# 1036

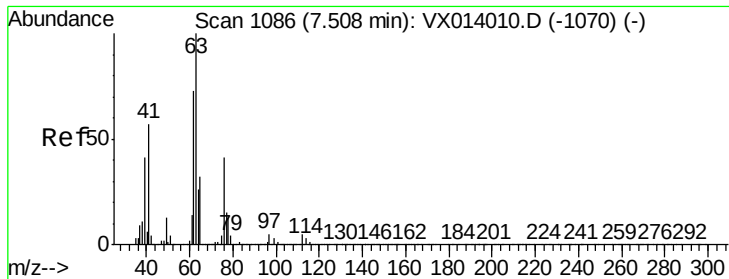
Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	130	Resp:	293598
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	185.6





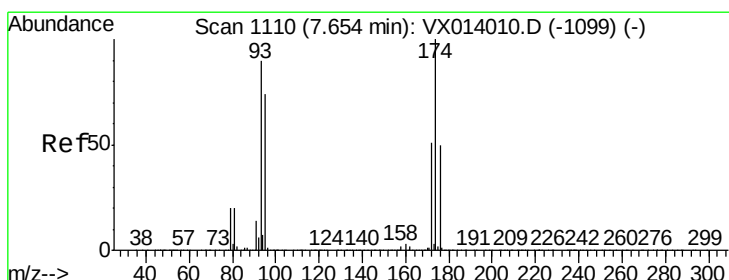
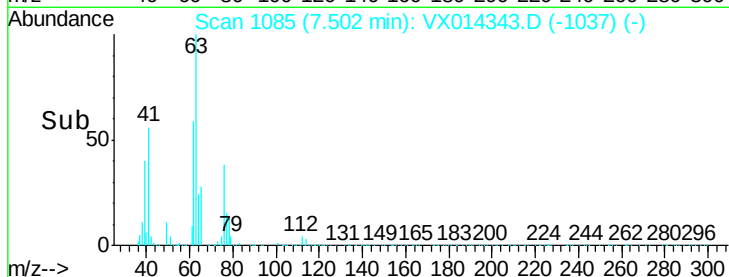
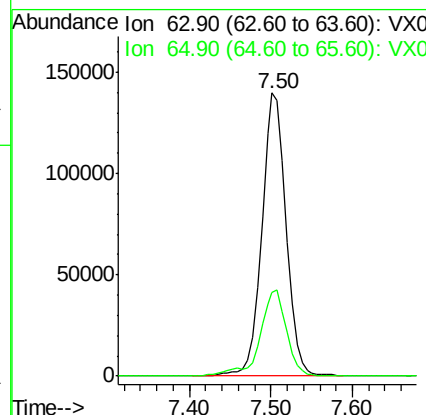
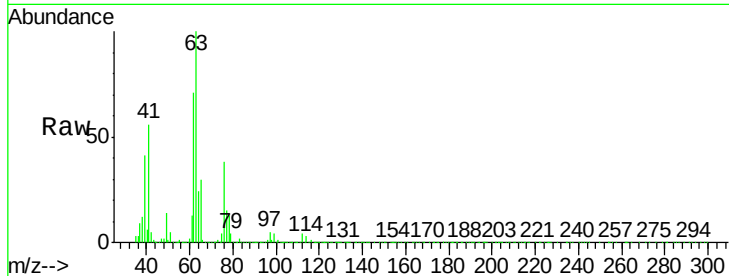
#45
 1,2-Dichloropropane
 Concen: 52.066 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	25.8	38.8

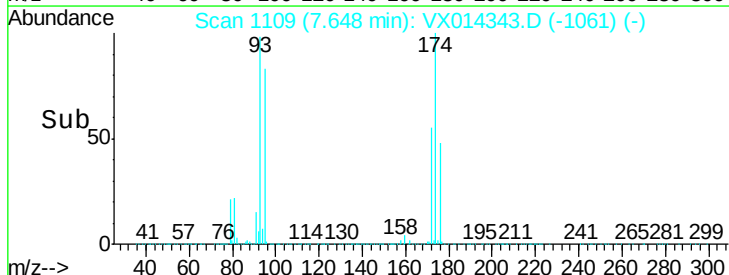
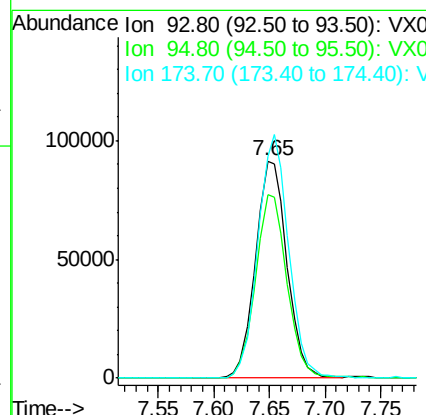
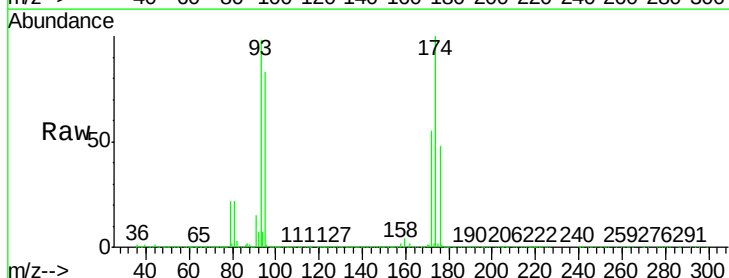
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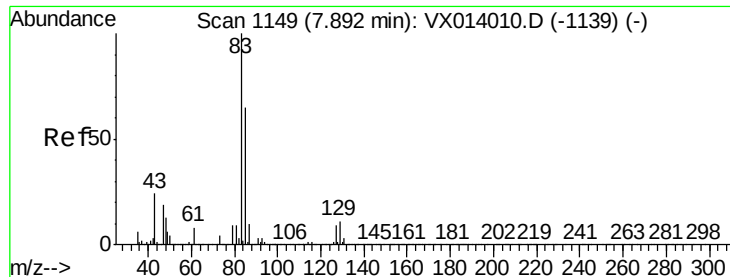
apatel
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#46
 Dibromomethane
 Concen: 48.849 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.3	100.9
174	109.6	91.6	137.4





#47

Bromodichloromethane

Concen: 52.877 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

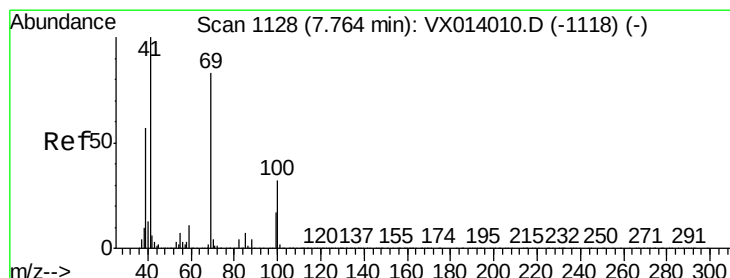
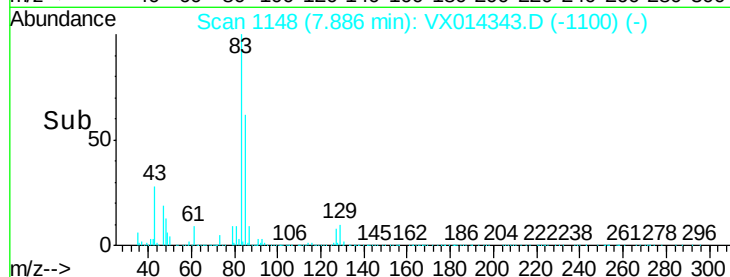
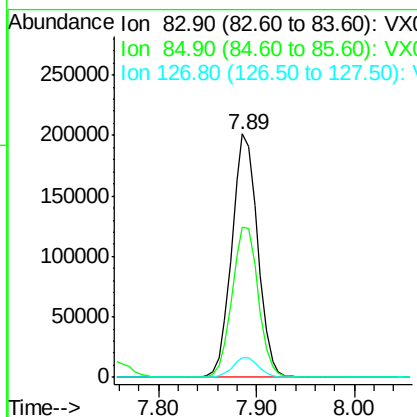
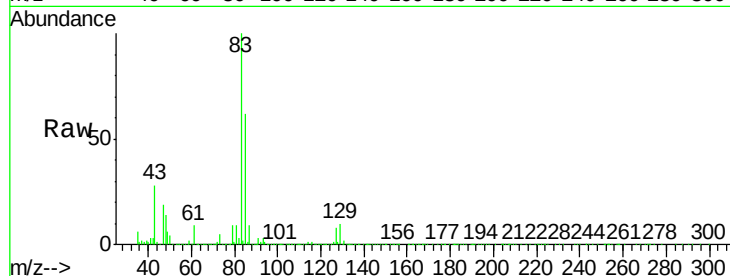
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	367194
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.8	77.8
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.370 ug/l

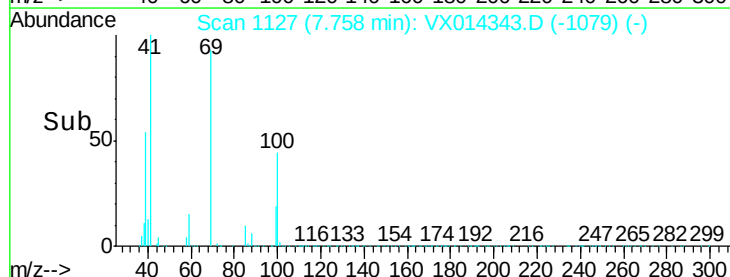
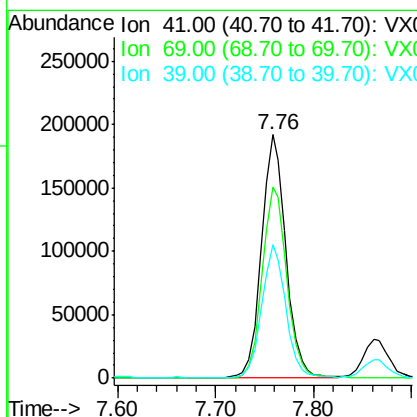
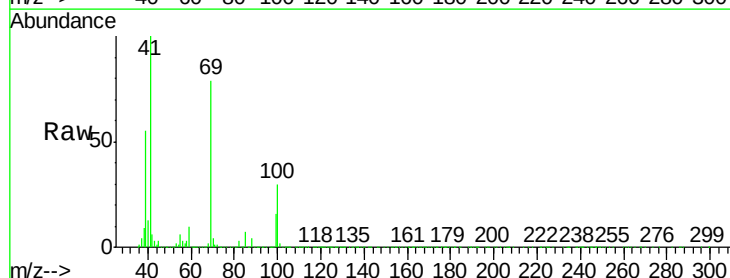
RT: 7.76 min Scan# 1127

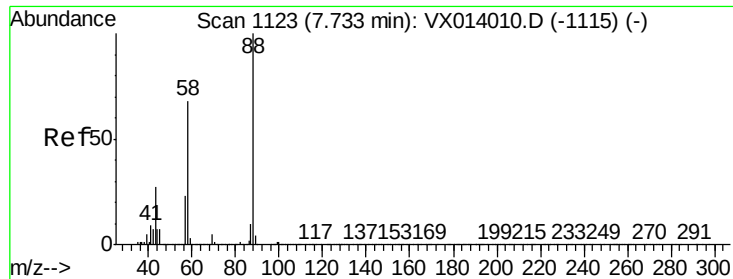
Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	41	Resp:	331419
Ion Ratio	Lower	Upper	
41	100		
69	80.2	65.8	98.6
39	54.4	44.6	67.0





#49

1,4-Dioxane

Concen: 924.582 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

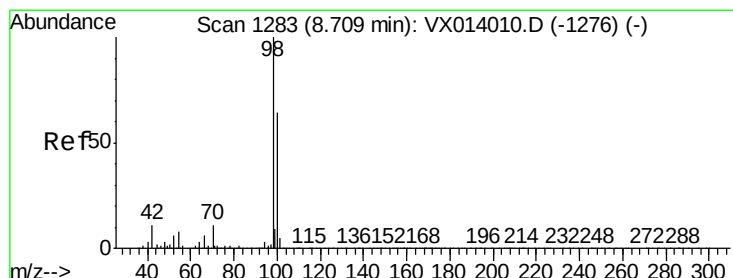
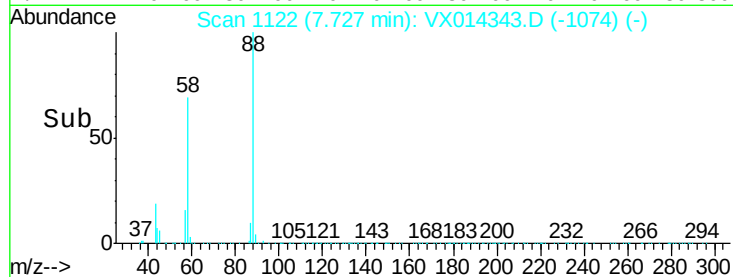
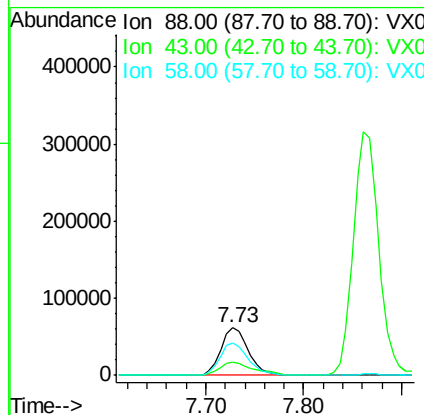
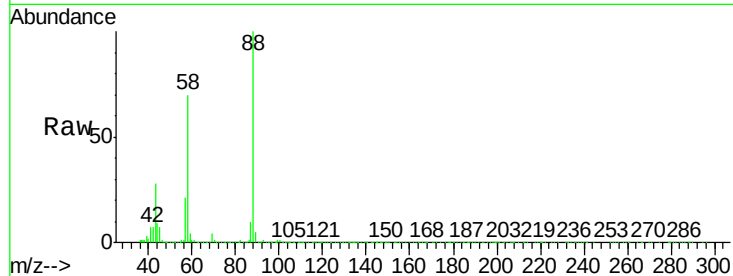
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	119073
Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.5	39.7
58	71.5	56.8	85.2

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#50

Toluene-d8

Concen: 51.234 ug/l

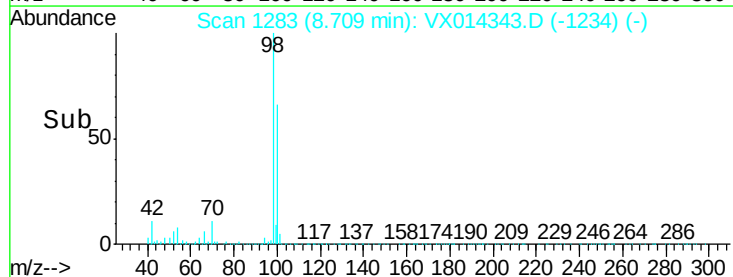
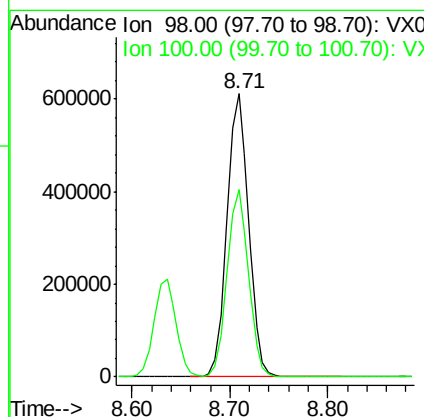
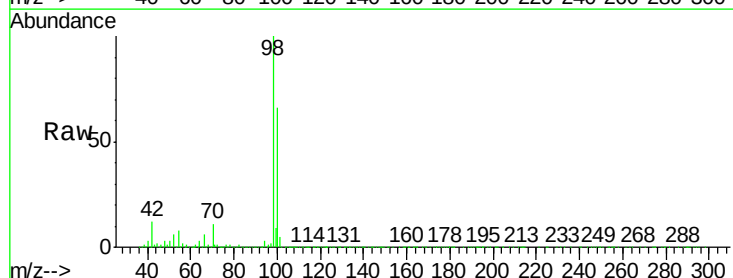
RT: 8.71 min Scan# 1283

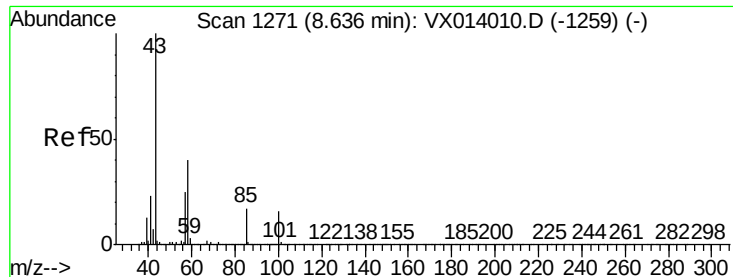
Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	98	Resp:	934518
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 256.903 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2085134

Ion Ratio Lower Upper

43 100

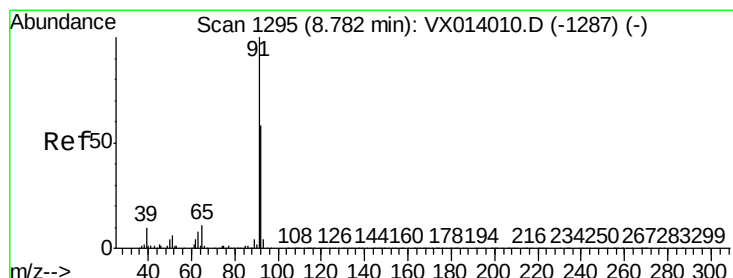
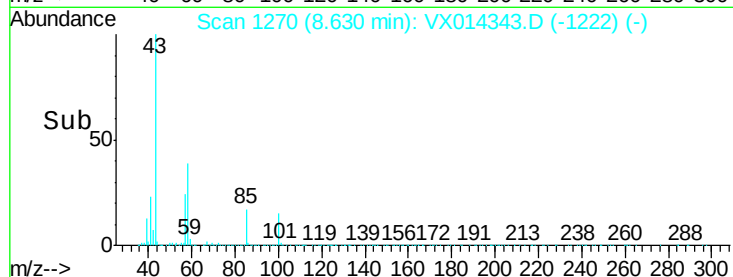
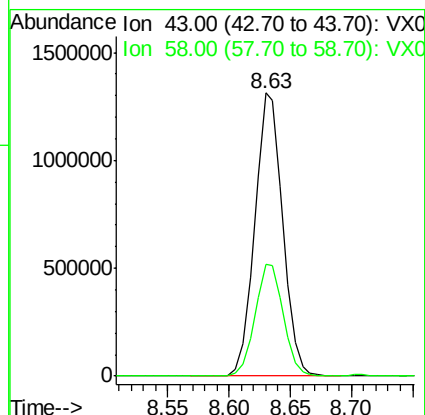
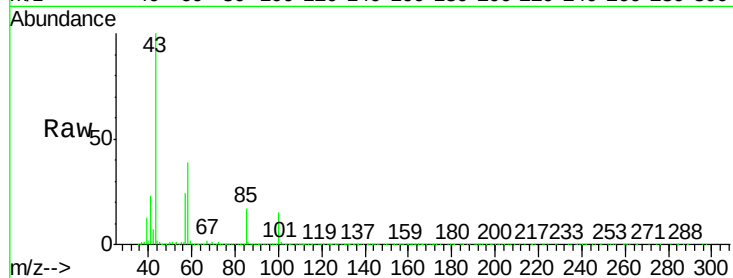
58 39.9 32.2 48.2

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#52

Toluene

Concen: 49.259 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014343.D

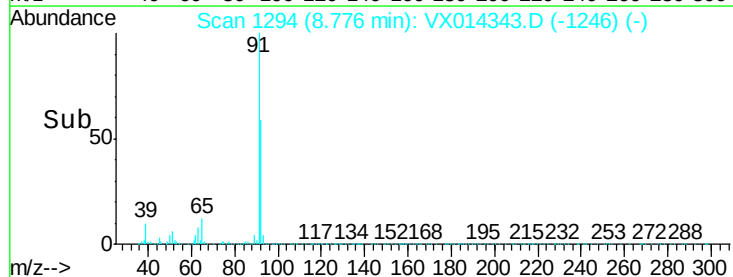
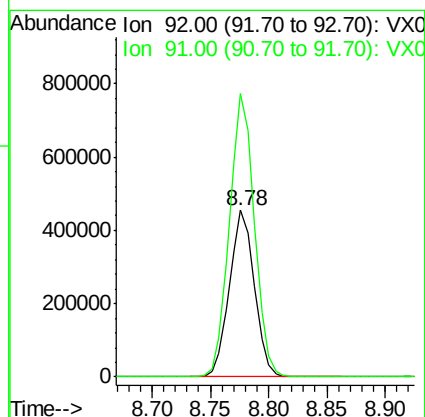
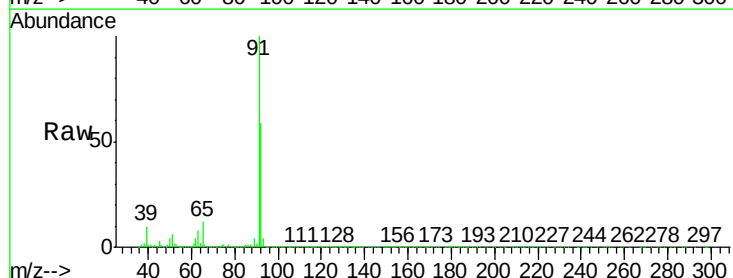
Acq: 30 Dec 2019 09:48

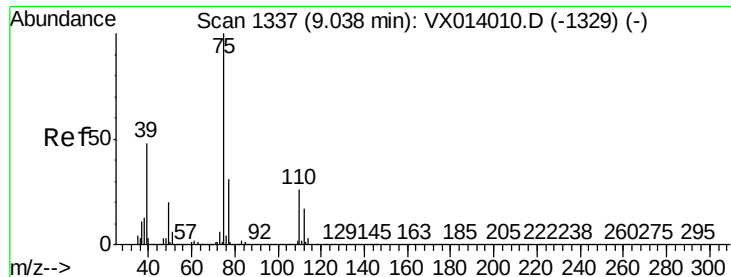
Tgt Ion: 92 Resp: 677471

Ion Ratio Lower Upper

92 100

91 170.4 136.2 204.4





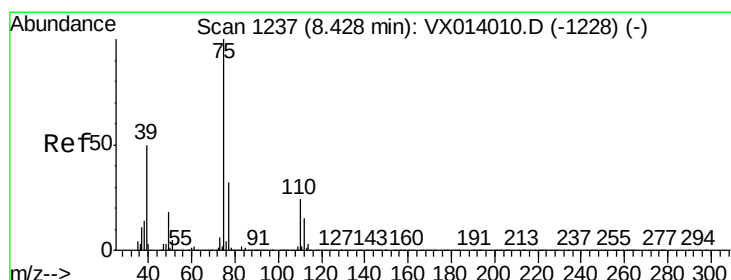
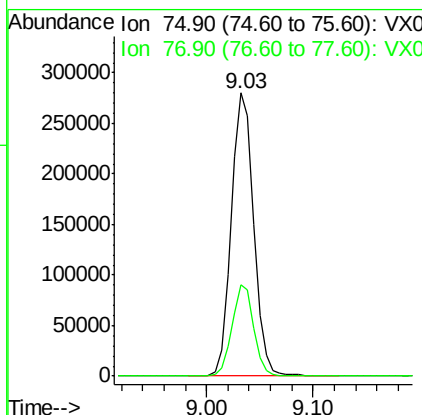
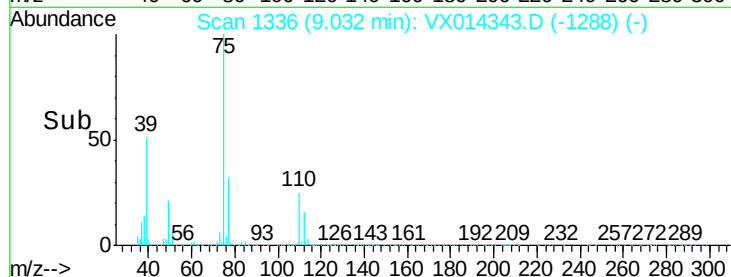
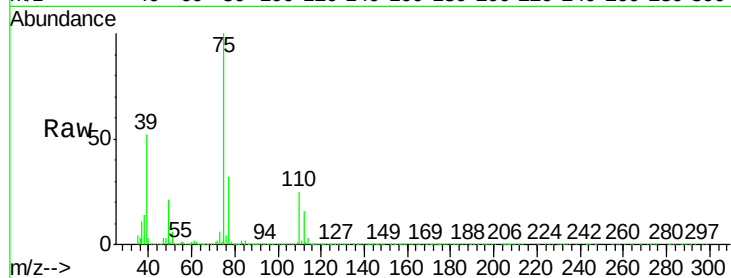
#53
t-1,3-Dichloropropene
Concen: 54.175 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 412519
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7

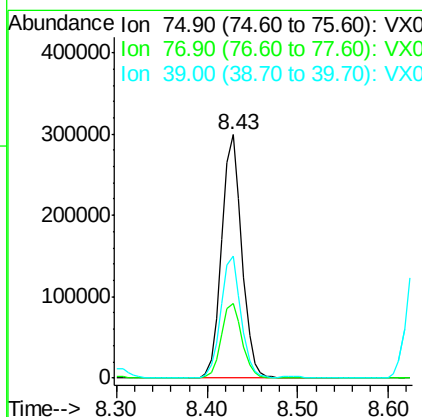
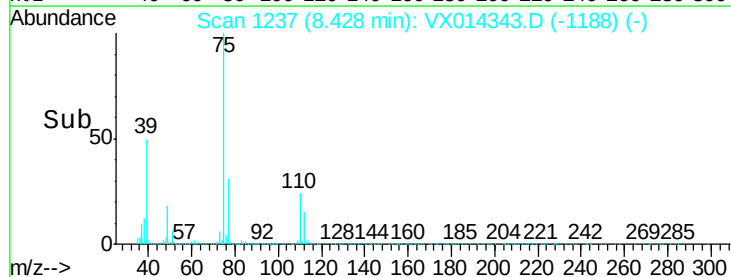
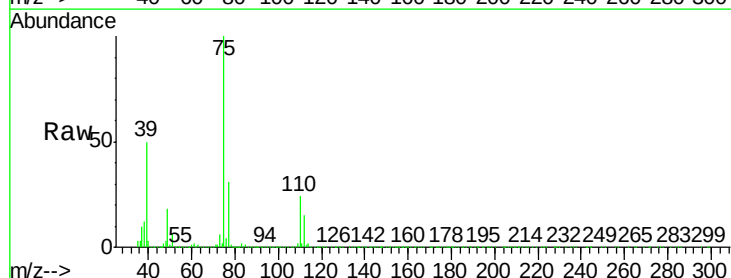
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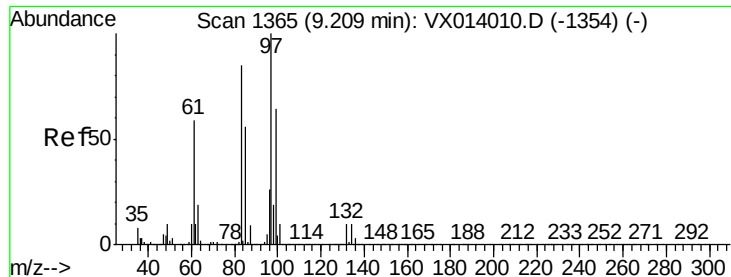
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#54
cis-1,3-Dichloropropene
Concen: 54.422 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 75 Resp: 461667
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 49.8 39.9 59.9





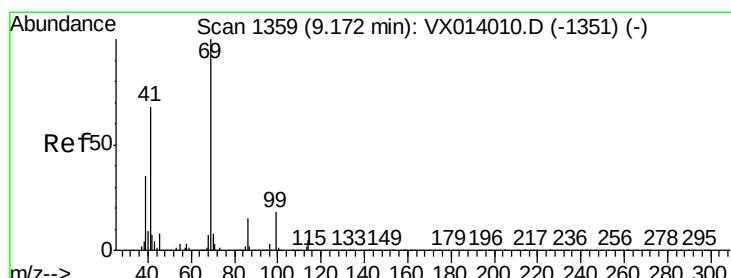
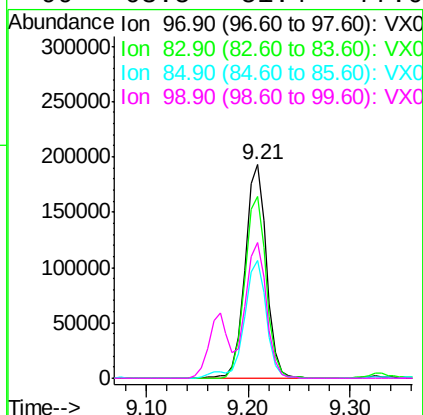
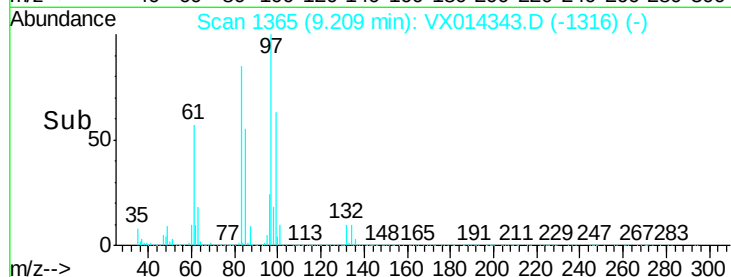
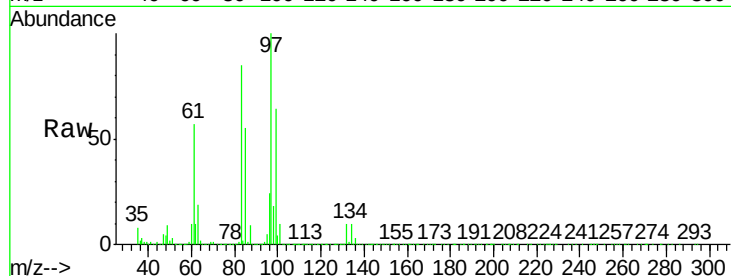
#55
 1,1,2-Trichloroethane
 Concen: 50.508 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		278405		
83	85.2	68.2	102.4		
85	55.3	44.6	66.8		
99	63.5	51.4	77.0		

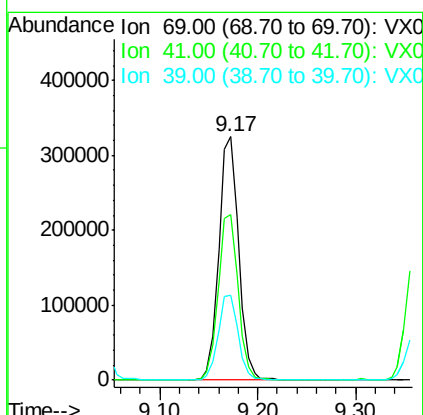
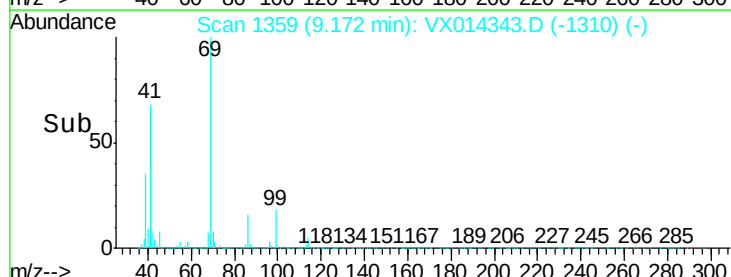
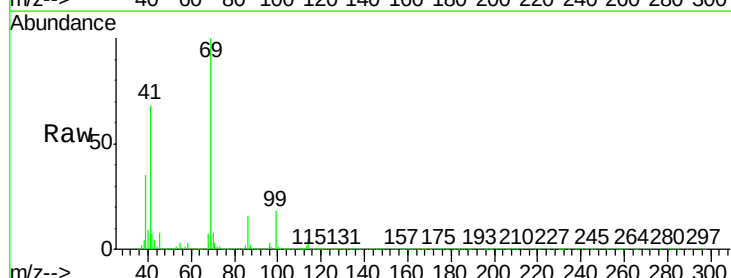
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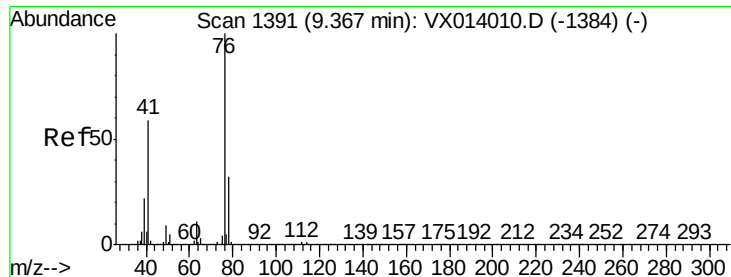
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#56
 Ethyl methacrylate
 Concen: 52.686 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		456186		
41	68.6	54.8	82.2		
39	35.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 51.348 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 476206

Ion Ratio Lower Upper

76 100

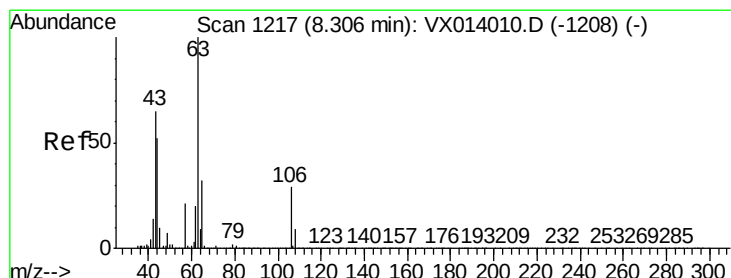
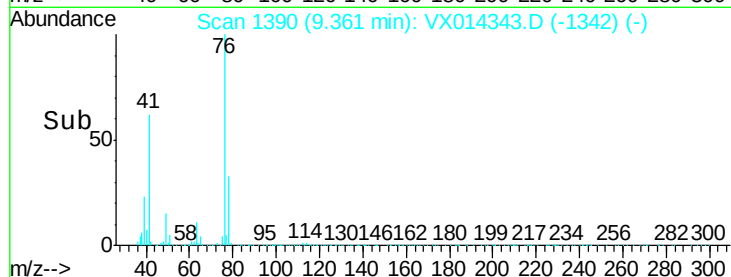
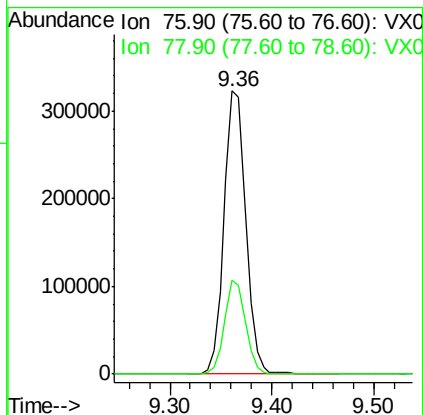
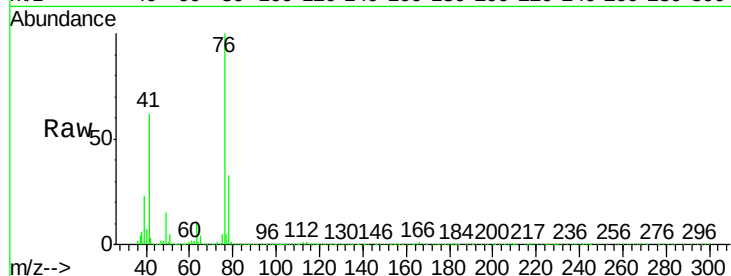
78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 280.013 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014343.D

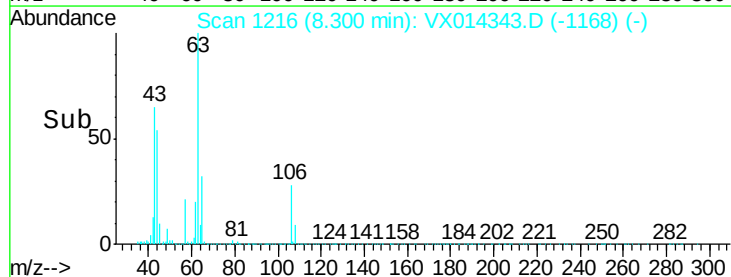
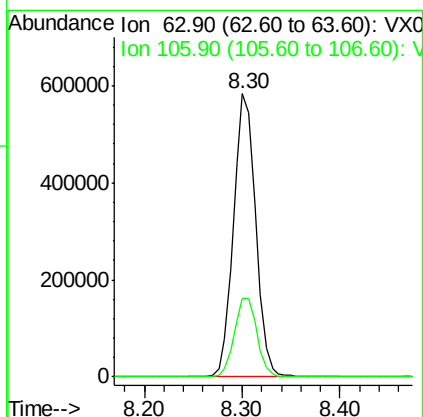
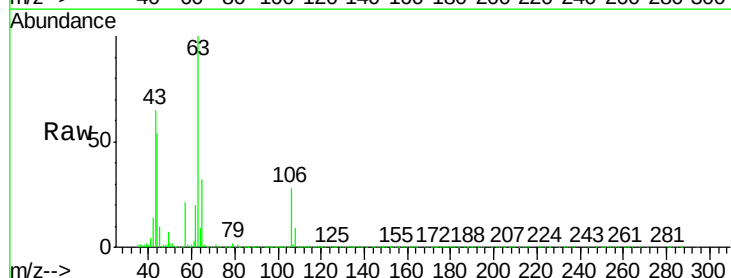
Acq: 30 Dec 2019 09:48

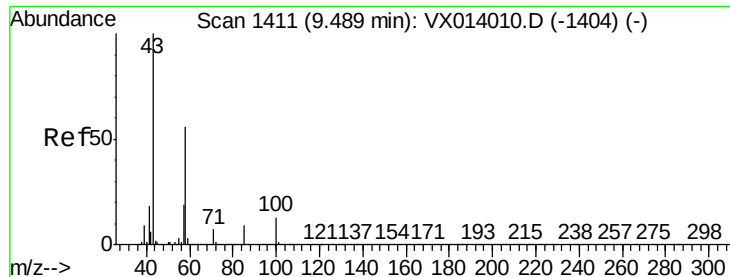
Tgt Ion: 63 Resp: 917530

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





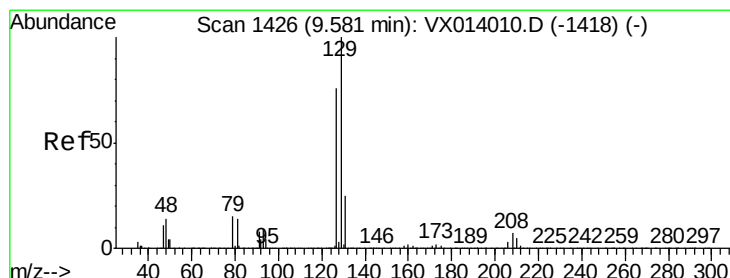
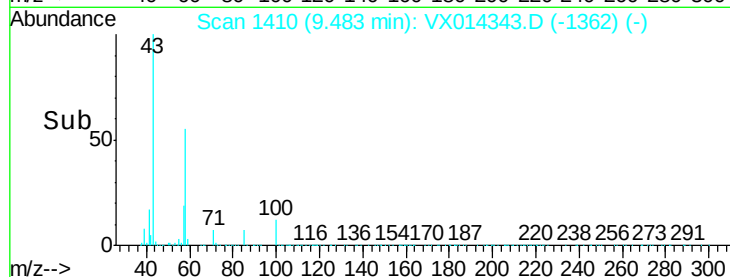
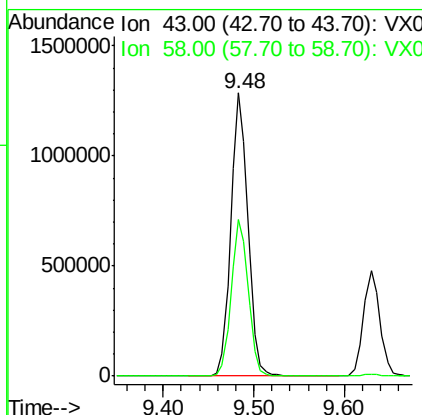
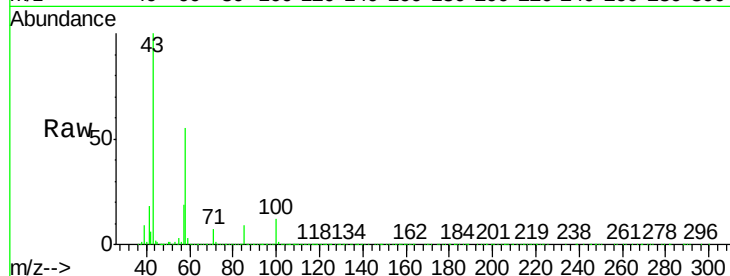
#59
2-Hexanone
Concen: 261.279 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1707130
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0

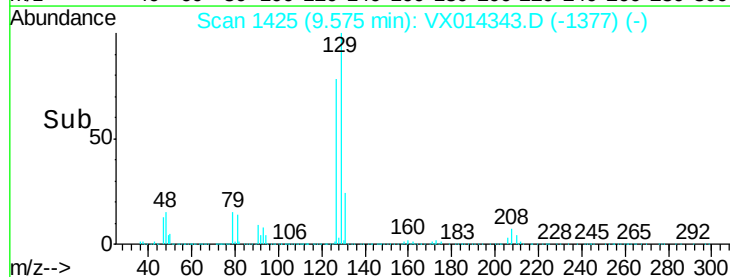
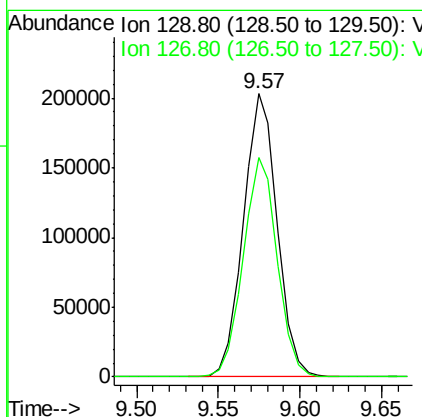
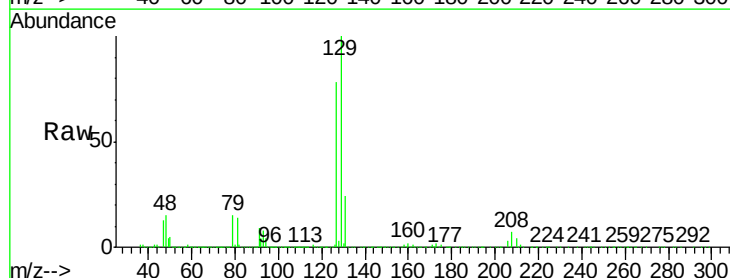
Manual Integrations
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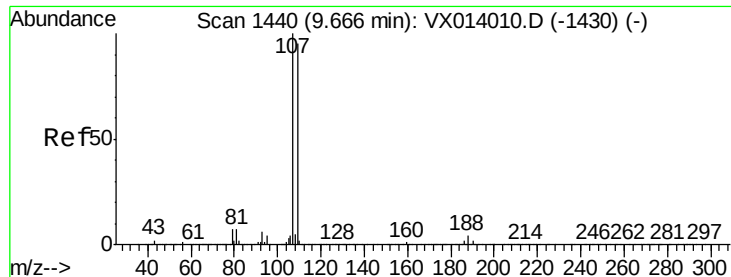
apatel
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#60
Dibromochloromethane
Concen: 53.331 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 129 Resp: 292205
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.229 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 288922

Ion Ratio Lower Upper

107 100

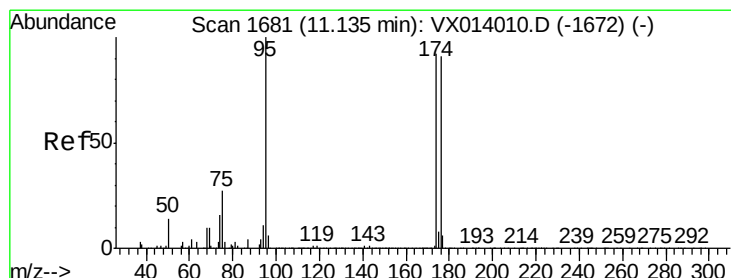
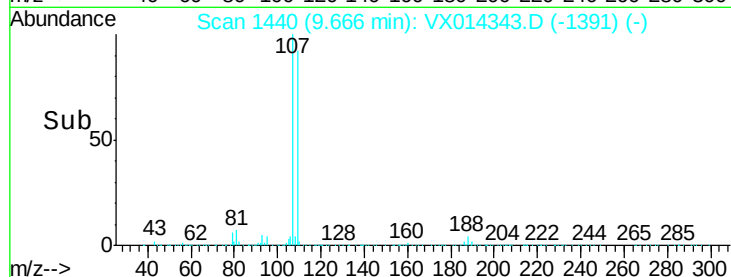
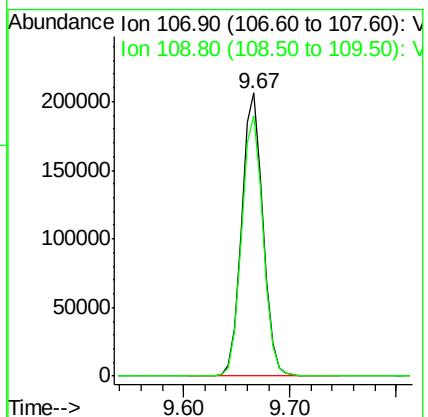
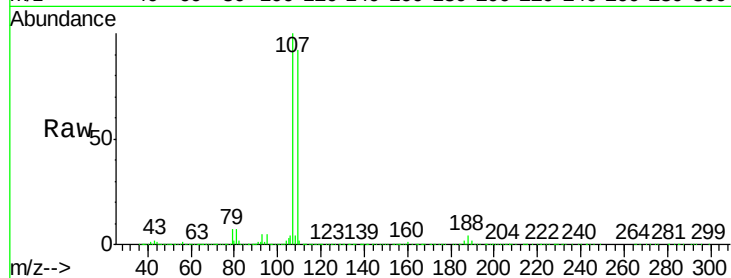
109 93.1 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.635 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

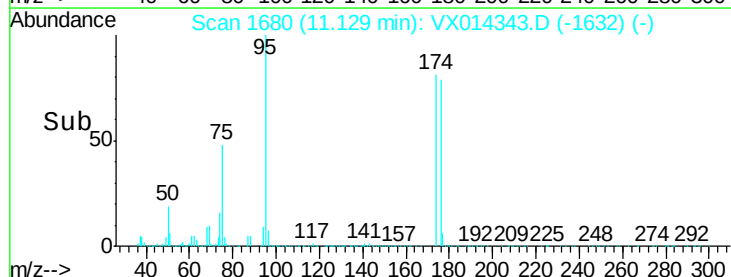
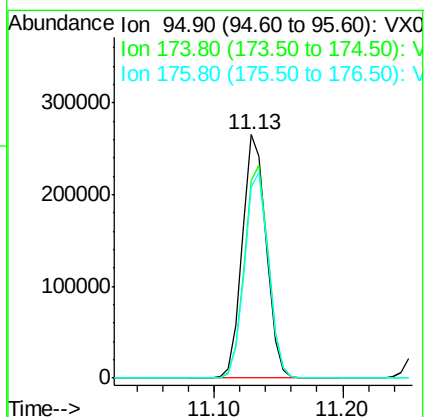
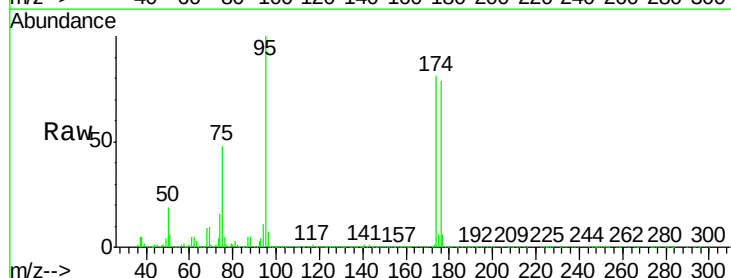
Tgt Ion: 95 Resp: 337616

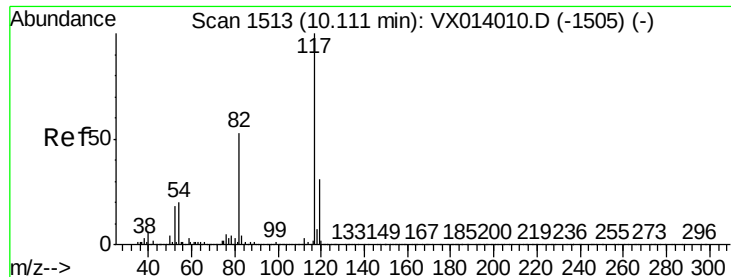
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

176 84.7 0.0 173.0





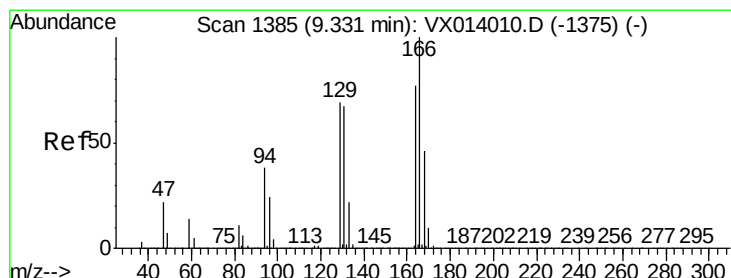
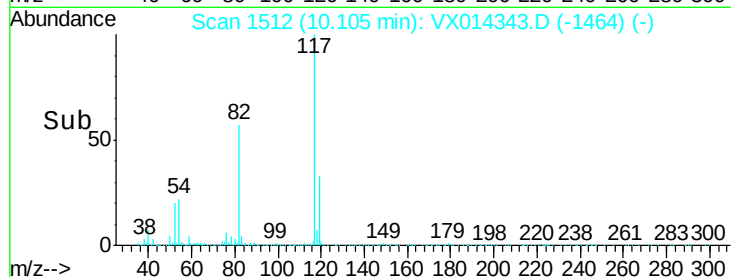
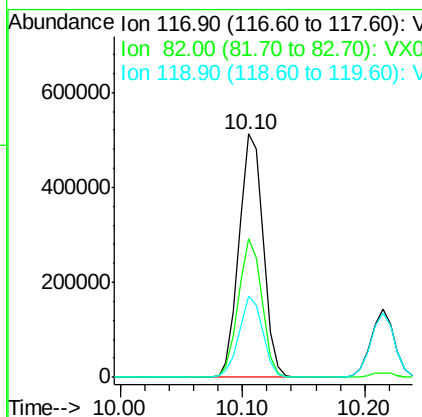
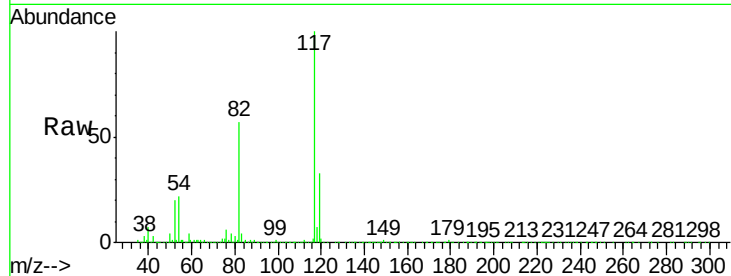
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.9	42.2	63.4
119	33.1	25.1	37.7

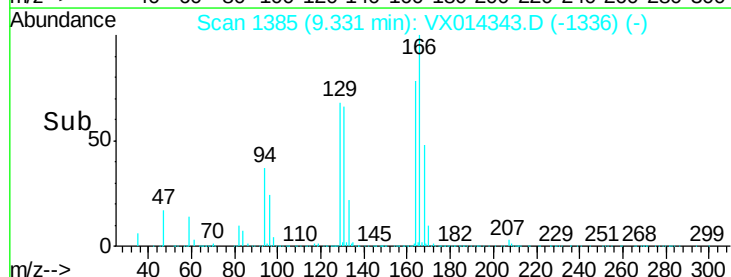
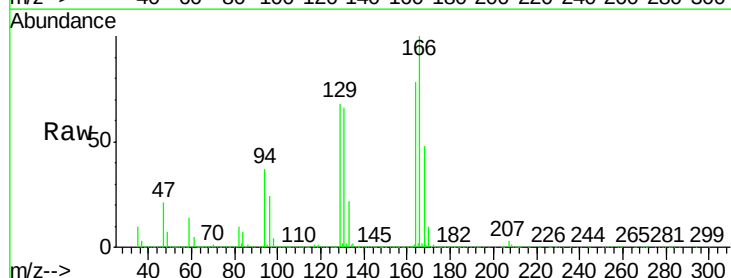
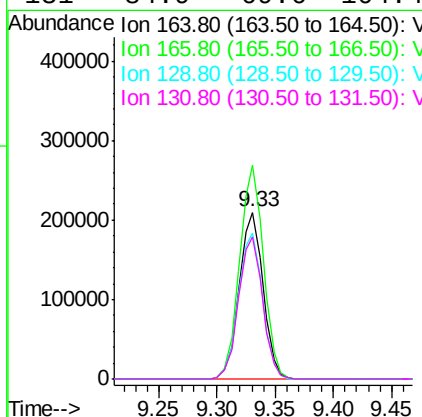
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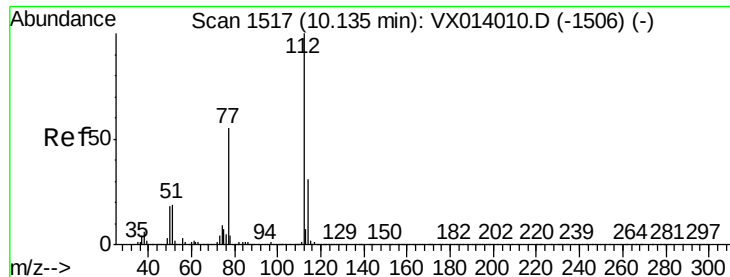
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#64
Tetrachloroethene
Concen: 48.837 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.9	104.0	156.0
129	87.5	72.2	108.4
131	84.9	69.6	104.4





#65

Chlorobenzene

Concen: 49.266 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 728966

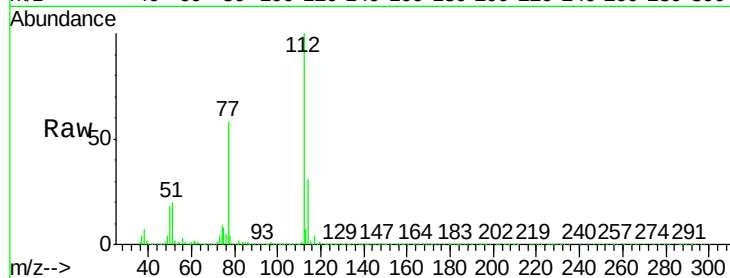
Ion Ratio Lower Upper

112 100

114 30.8 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

600000

500000

400000

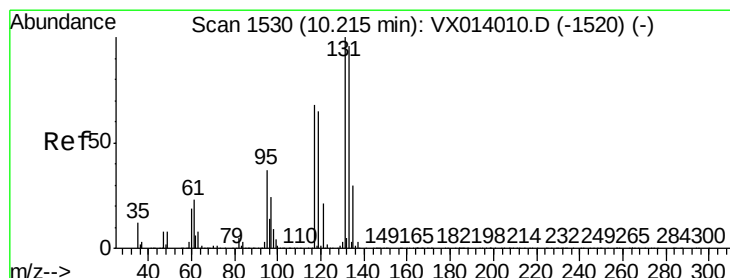
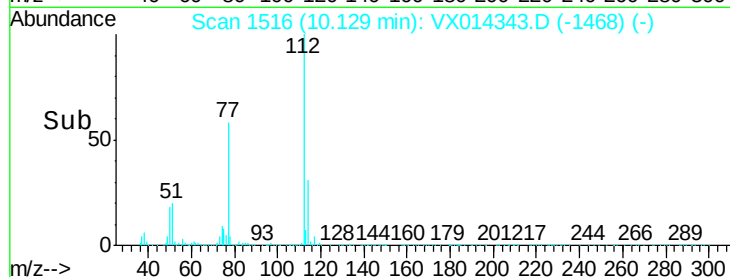
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.940 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

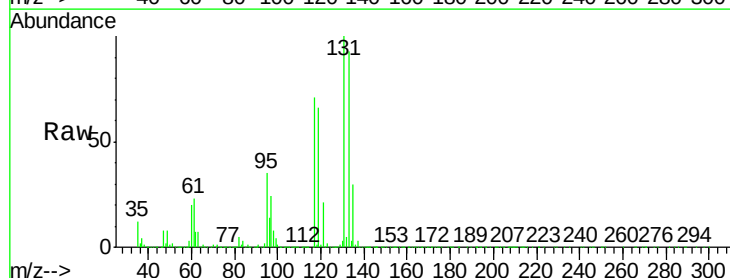
Tgt Ion:131 Resp: 274407

Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.0

119 66.9 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

250000

200000

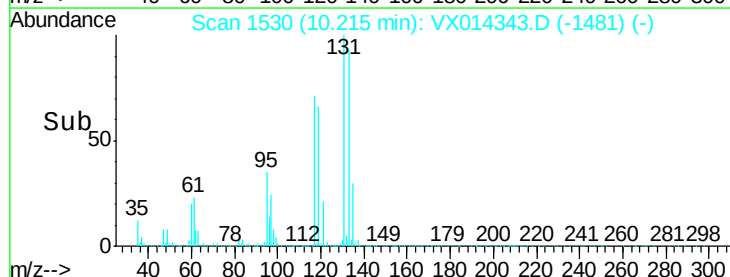
150000

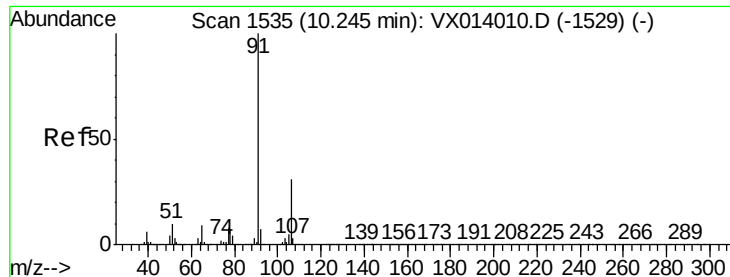
100000

50000

0

Time-->





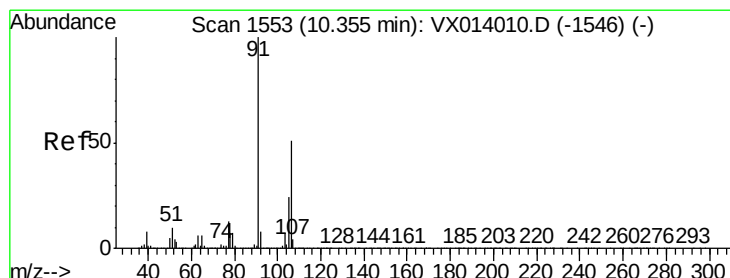
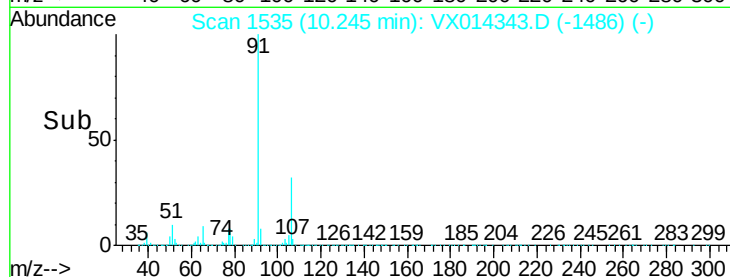
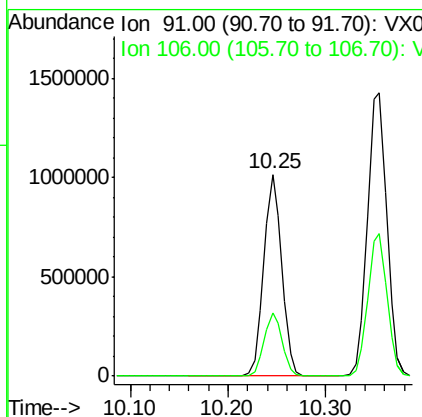
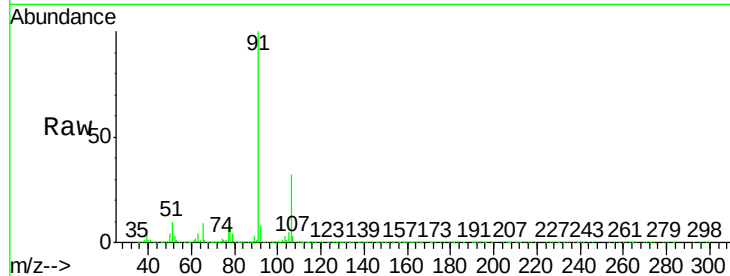
#67
Ethyl Benzene
Concen: 51.028 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1298081
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

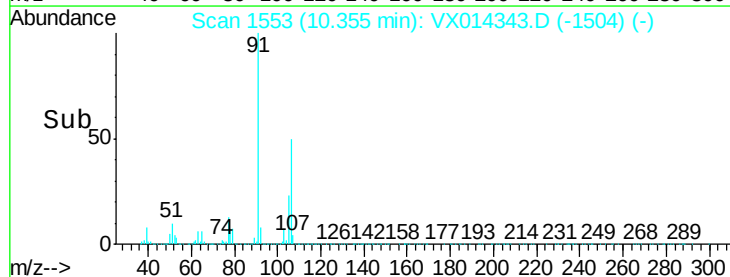
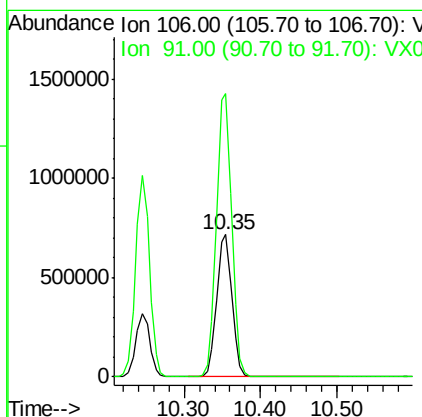
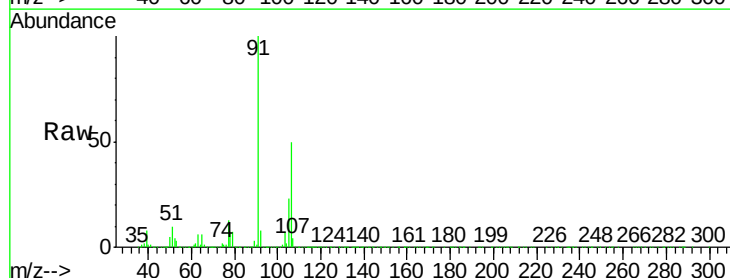
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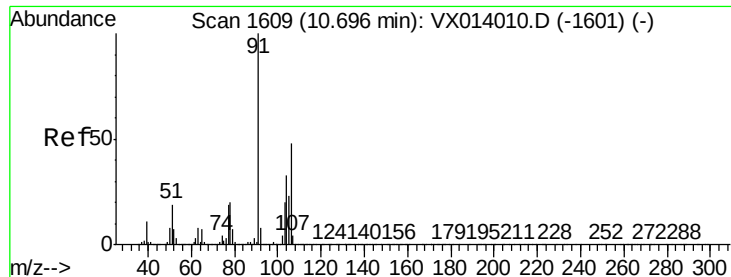
apatel
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#68
m/p-Xylenes
Concen: 100.879 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion: 106 Resp: 987004
Ion Ratio Lower Upper
106 100
91 199.9 158.6 238.0





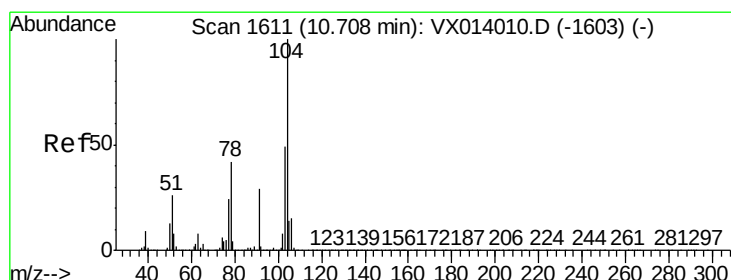
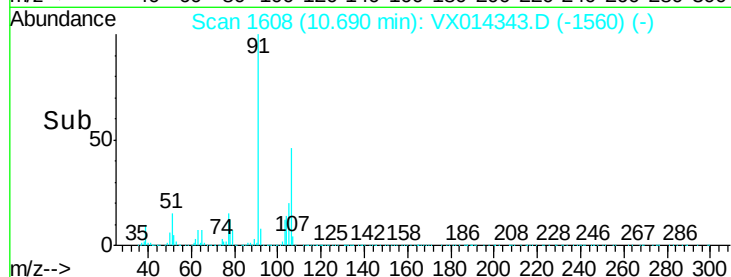
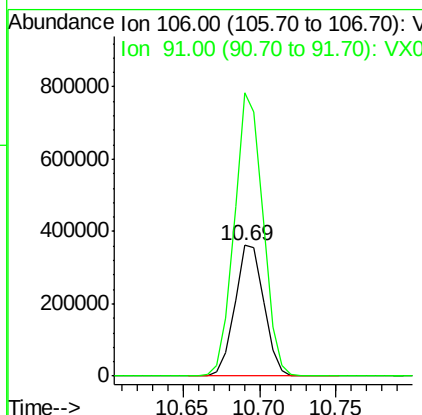
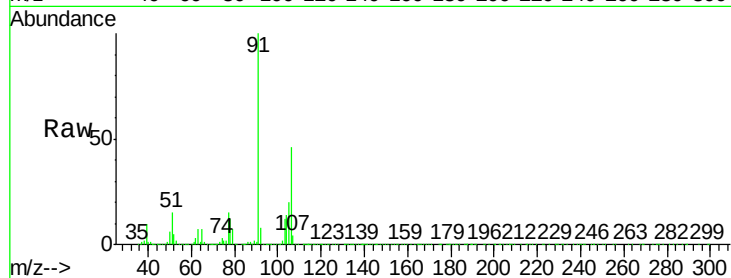
#69
o-Xylene
Concen: 49.715 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	104.2	312.6

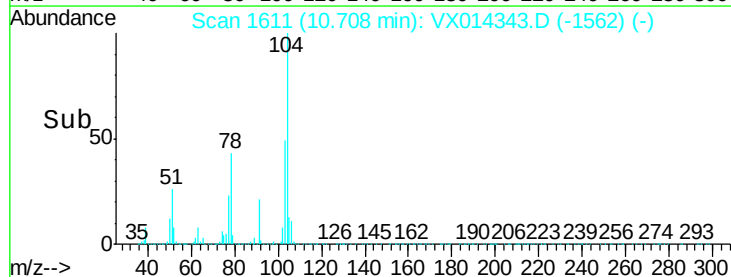
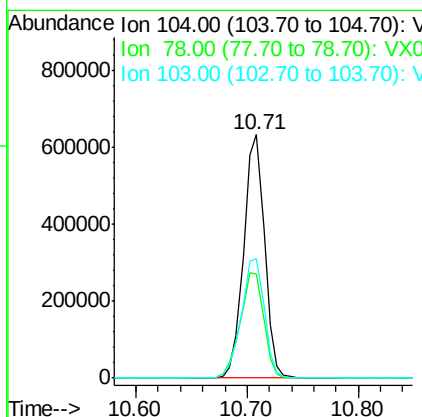
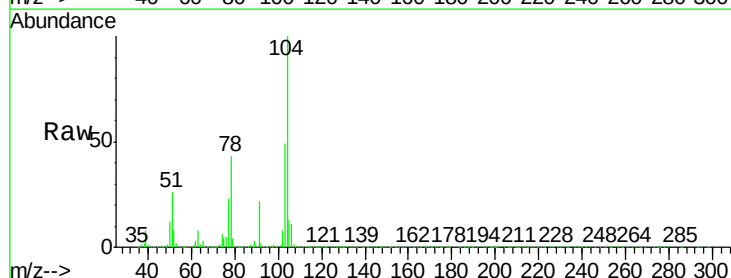
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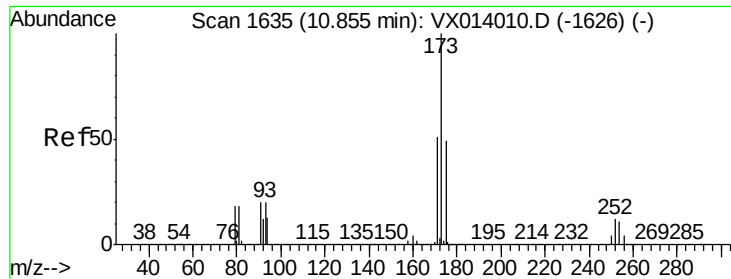
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#70
Styrene
Concen: 50.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.5	57.7
103	54.5	42.9	64.3





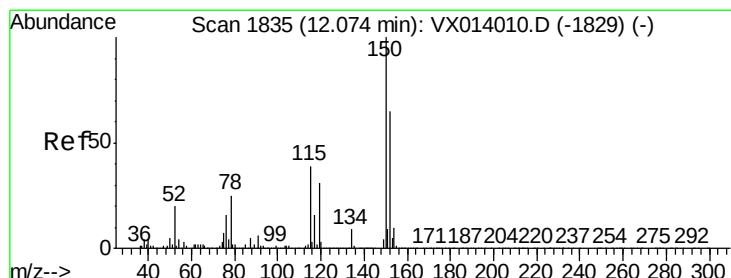
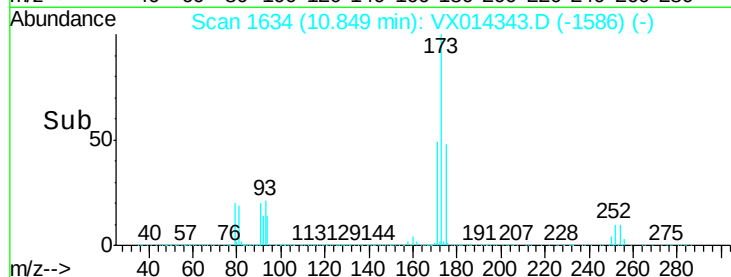
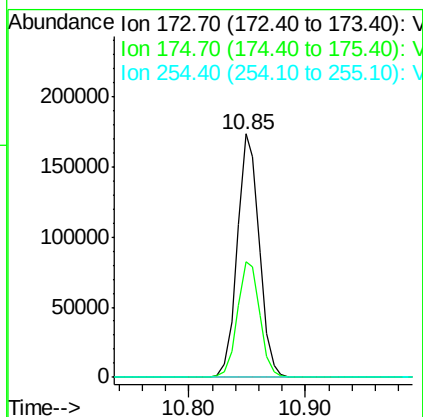
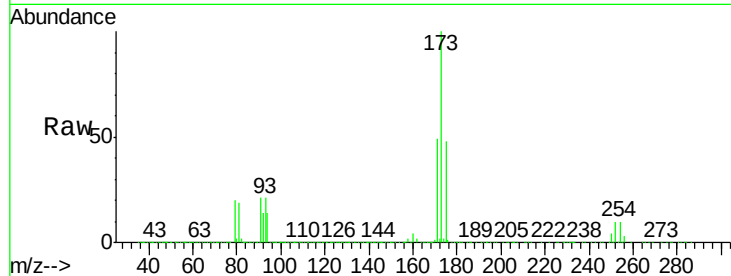
#71
Bromoform
Concen: 53.562 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.2	0.2	0.2

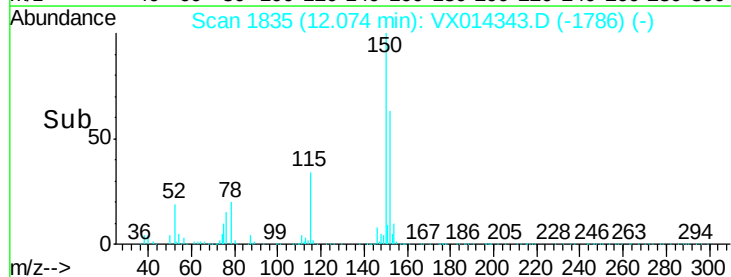
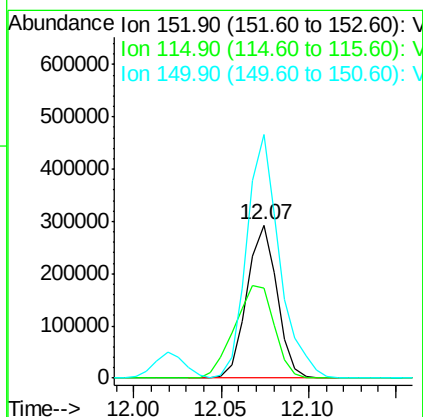
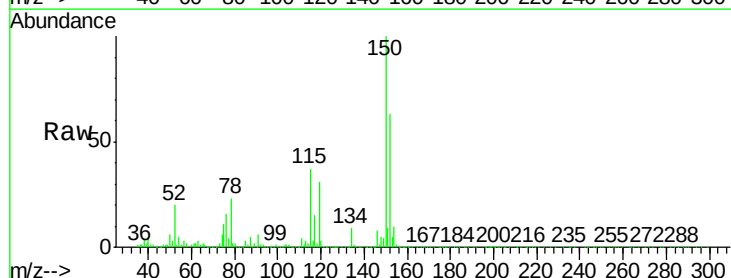
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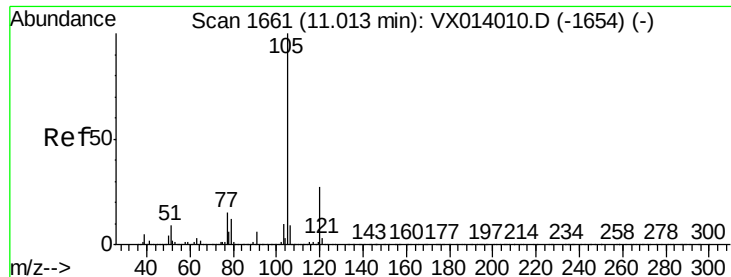
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	38.3	114.9
150	173.8	0.0	345.4





#73

Isopropylbenzene

Concen: 51.930 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1283932

Ion Ratio Lower Upper

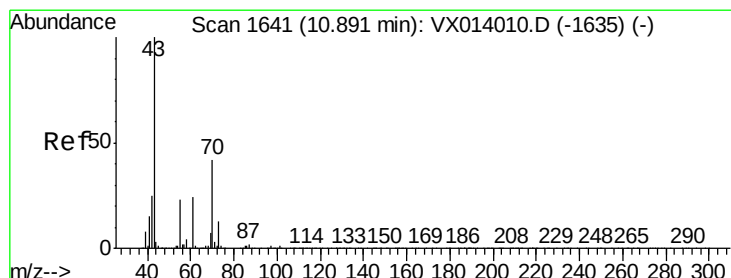
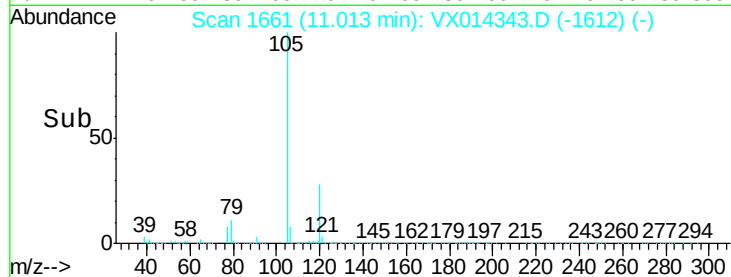
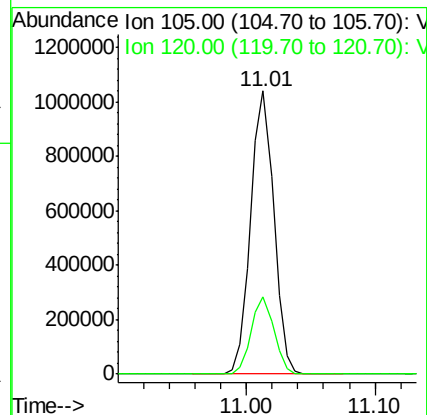
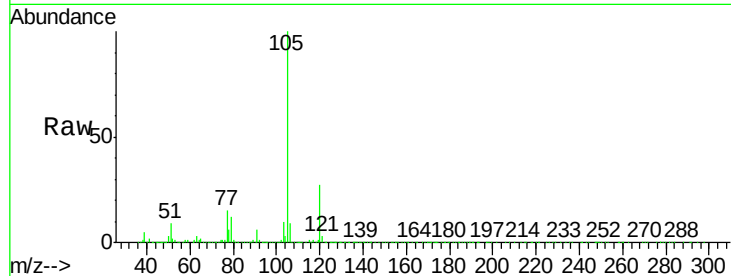
105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.177 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion: 43 Resp: 604699

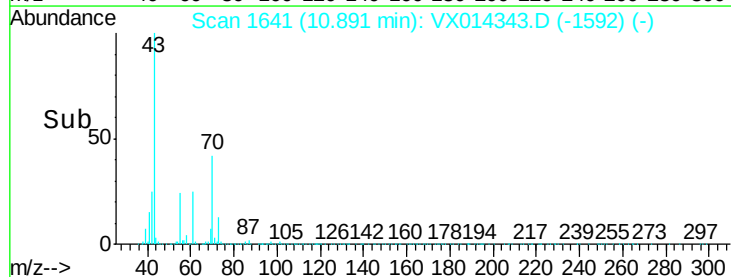
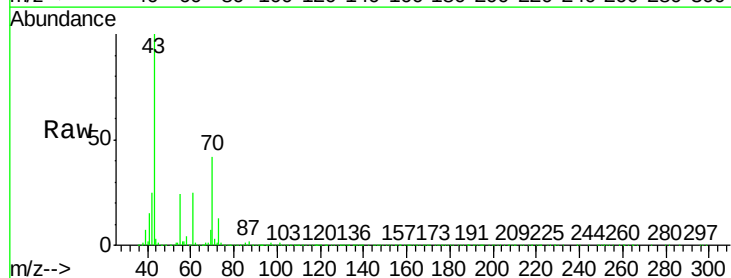
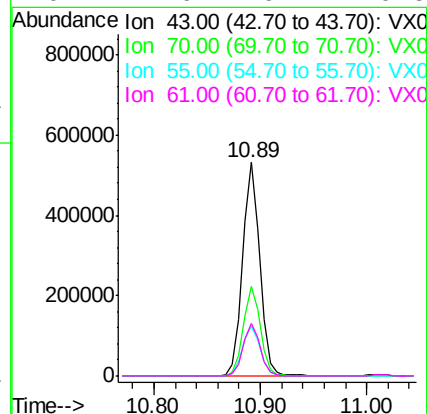
Ion Ratio Lower Upper

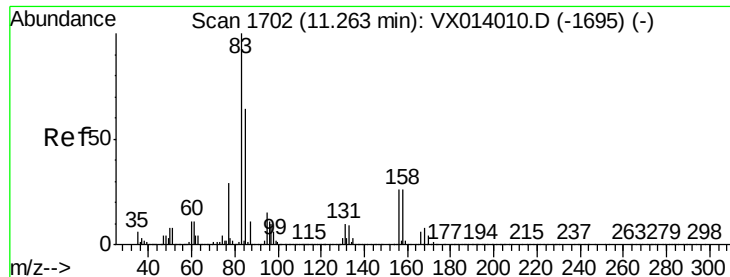
43 100

70 41.8 34.4 51.6

55 24.2 19.1 28.7

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.648 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

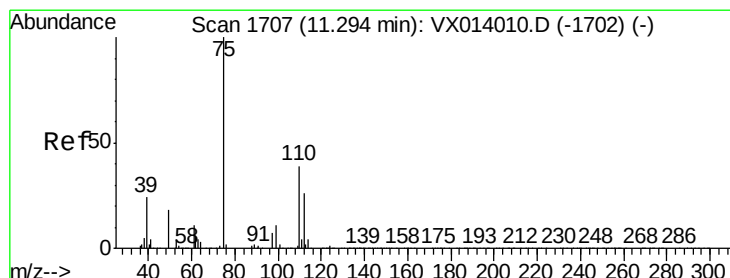
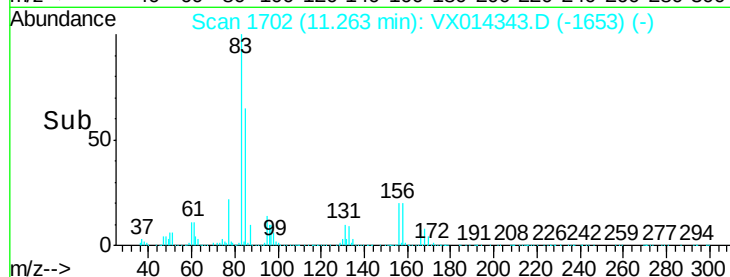
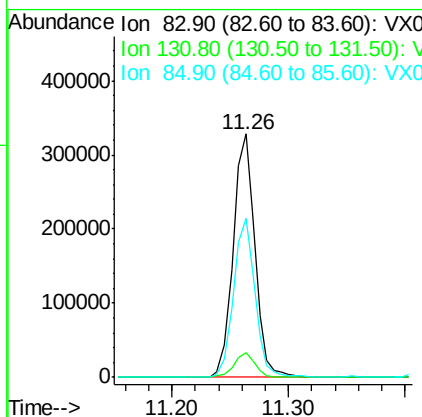
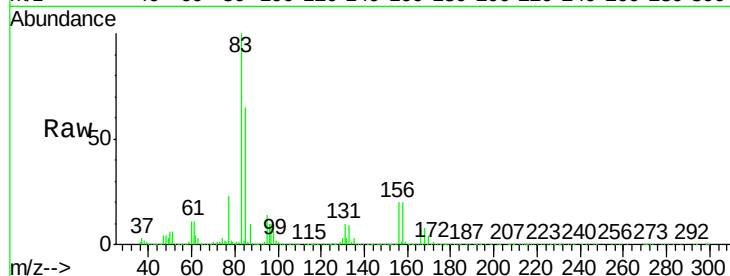
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	425573
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	65.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 46.786 ug/l m

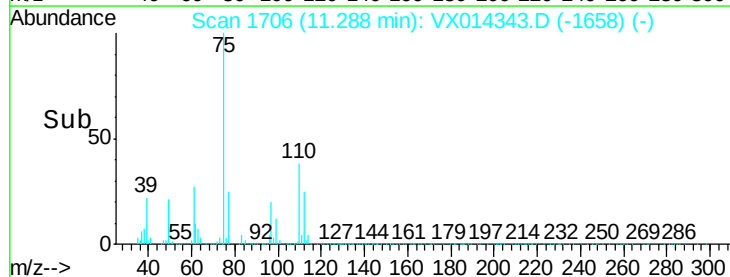
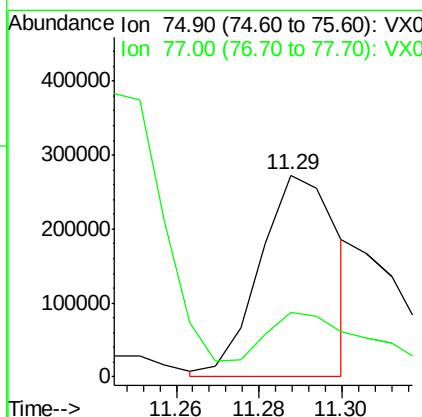
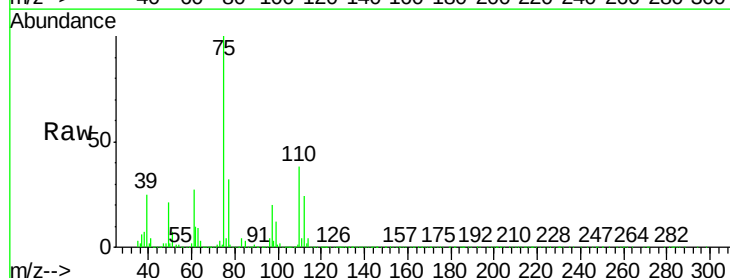
RT: 11.29 min Scan# 1706

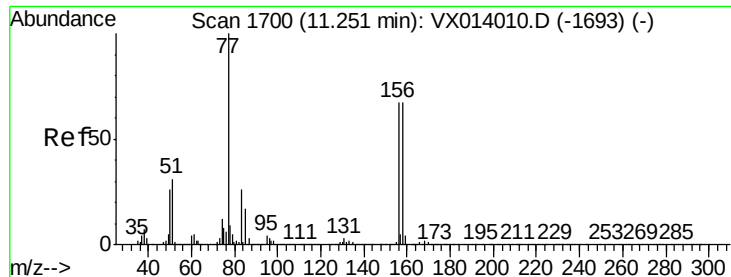
Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion:	75	Resp:	356680
Ion Ratio	Lower	Upper	
75	100		
77	45.3	19.3	57.8





#77

Bromobenzene

Concen: 48.162 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

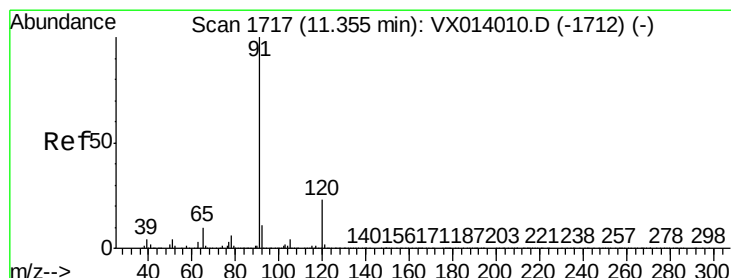
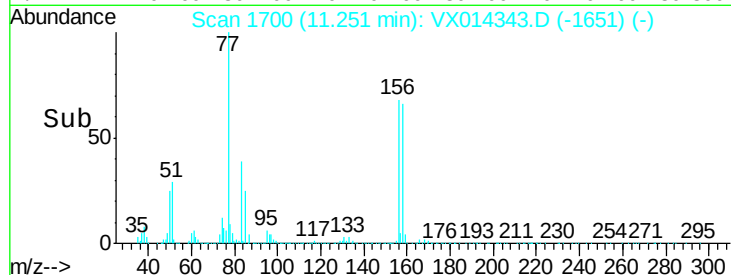
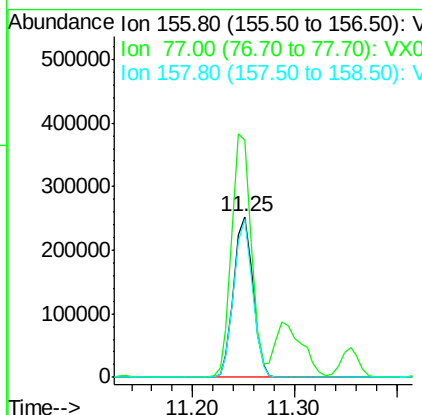
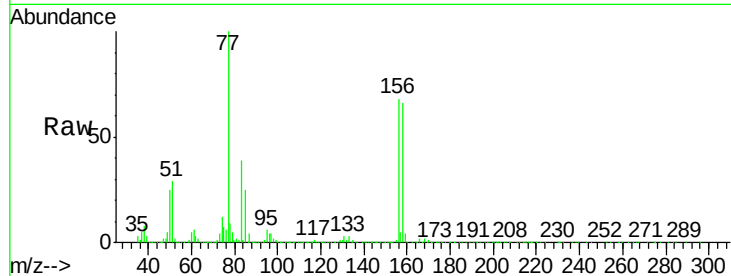
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.6	76.5	229.5
158	95.9	49.3	147.9

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#78

n-propylbenzene

Concen: 53.416 ug/l

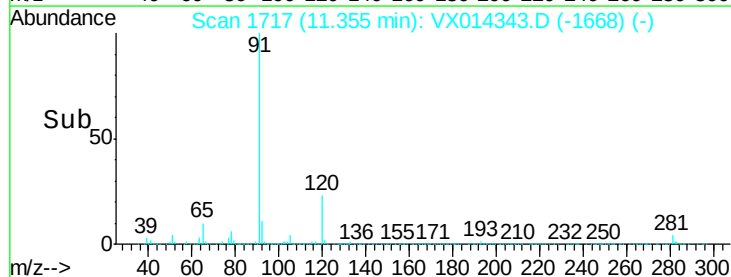
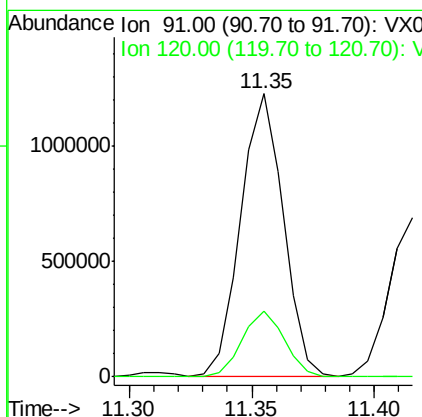
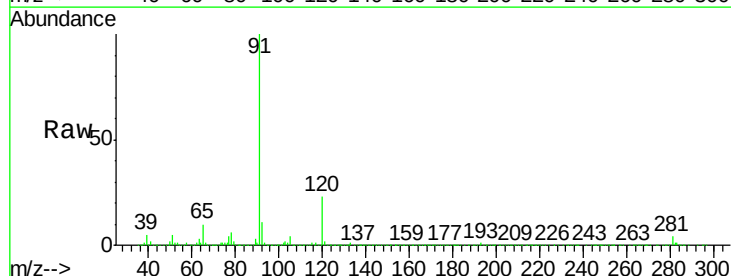
RT: 11.35 min Scan# 1717

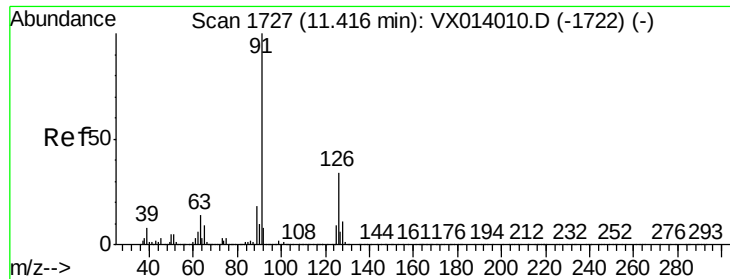
Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.983 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 859469

Ion Ratio Lower Upper

91 100

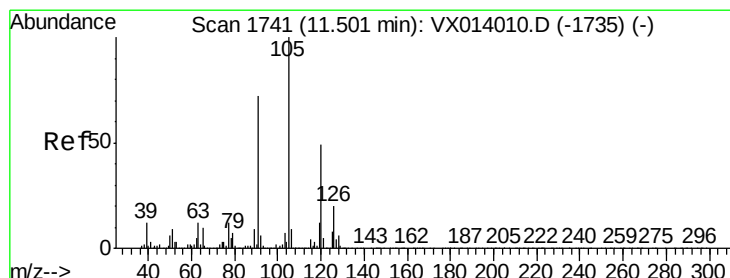
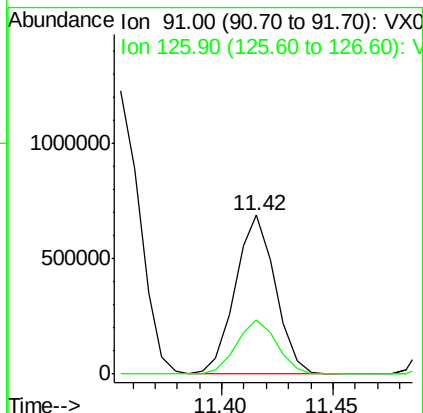
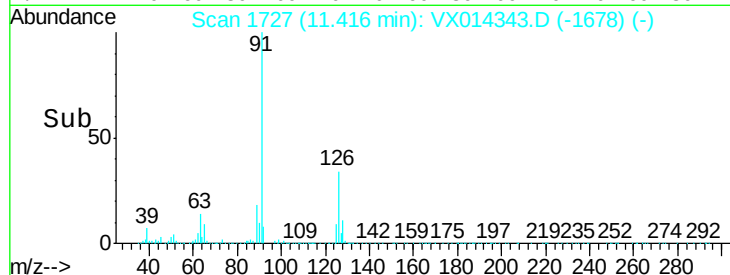
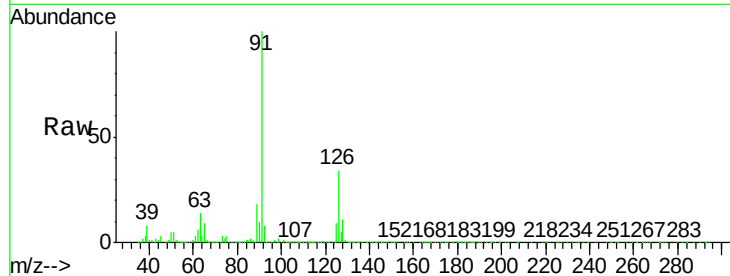
126 34.8 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.854 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014343.D

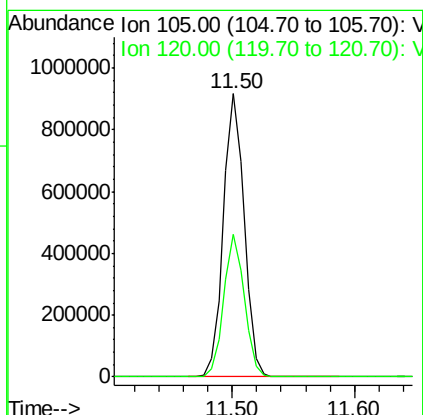
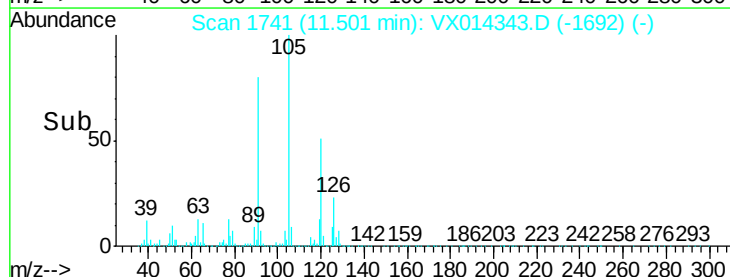
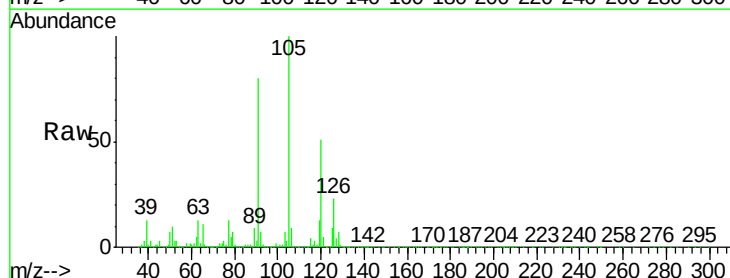
Acq: 30 Dec 2019 09:48

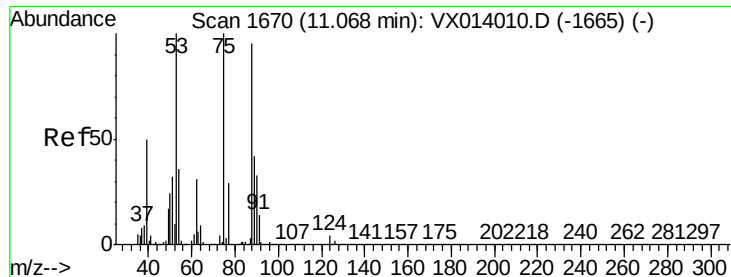
Tgt Ion: 105 Resp: 1078997

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





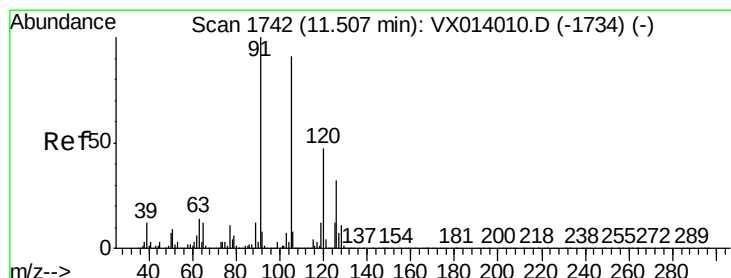
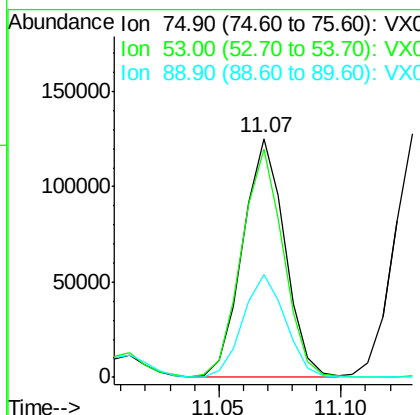
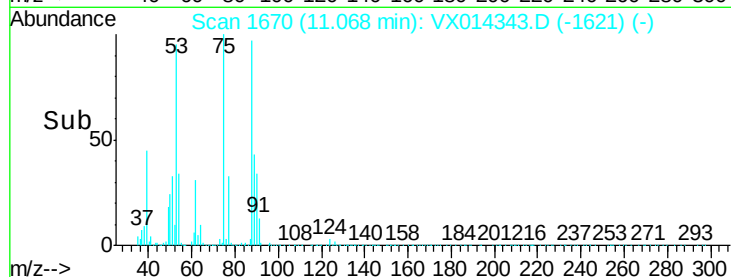
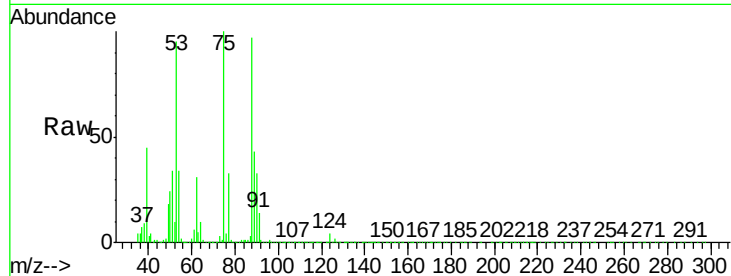
#81
trans-1,4-Dichloro-2-butene
Concen: 55.347 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	76.7	115.1
89	43.9	34.6	51.8

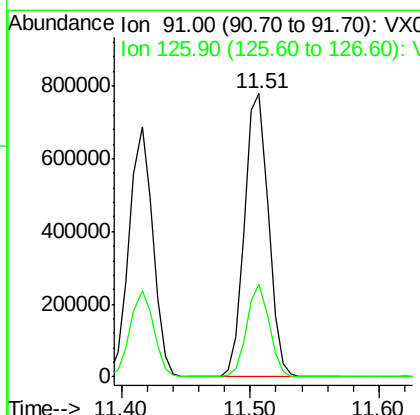
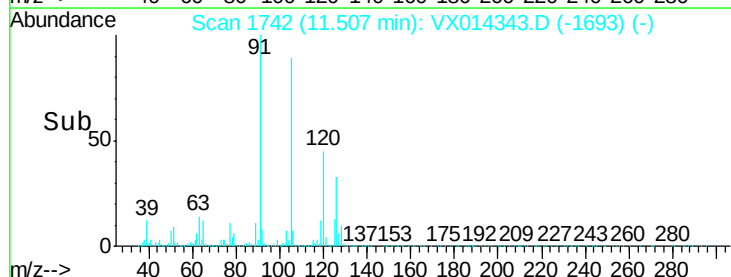
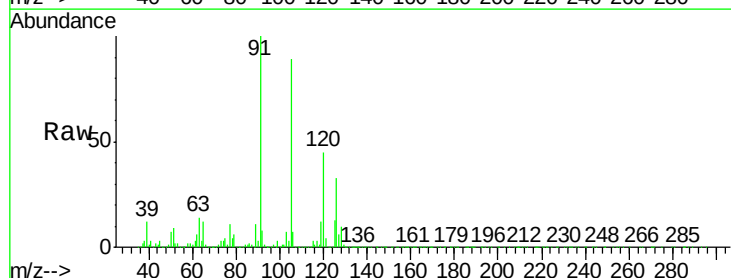
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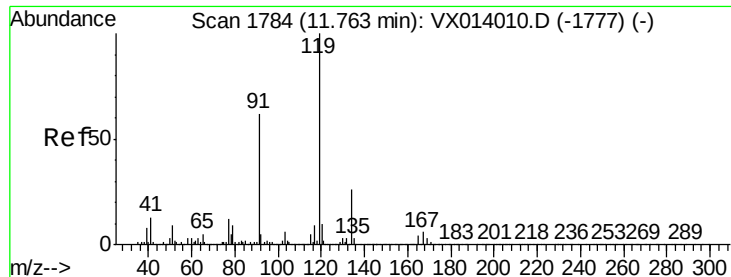
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#82
4-Chlorotoluene
Concen: 50.897 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





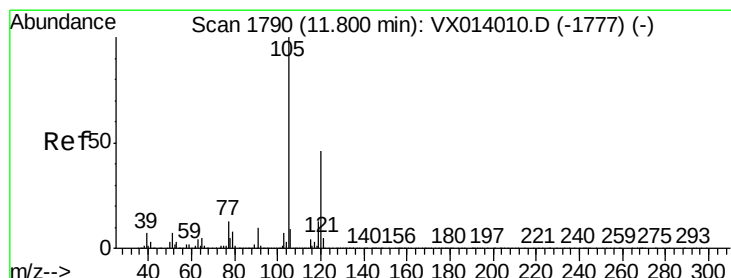
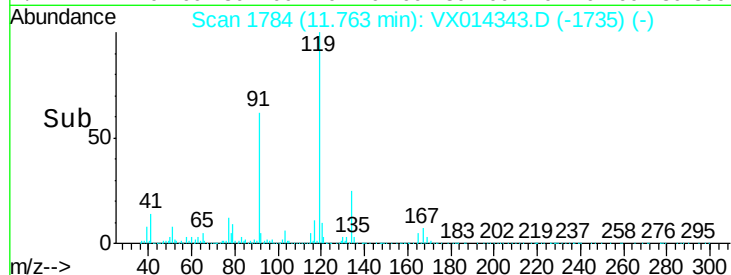
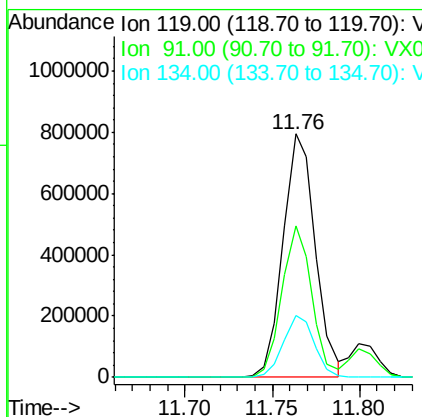
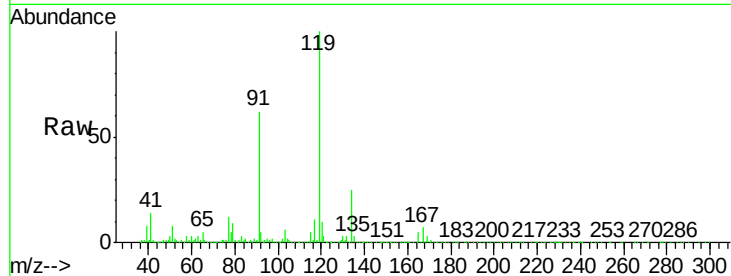
#83
tert-Butylbenzene
Concen: 50.588 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	28.5	85.6
134	24.6	12.2	36.6

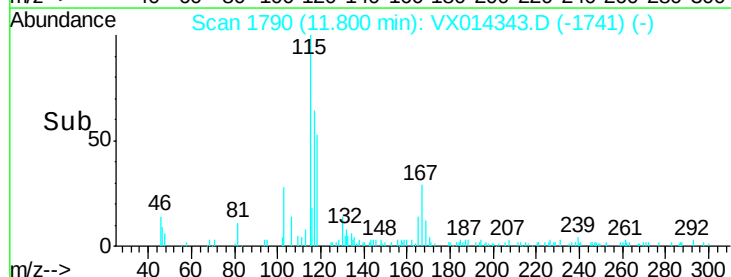
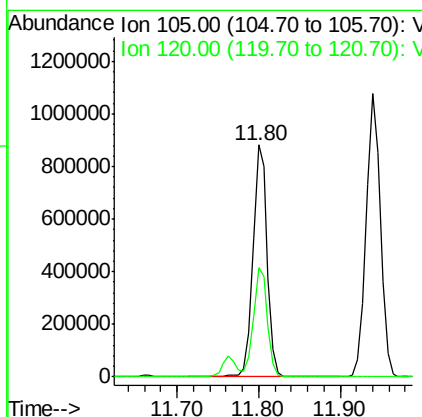
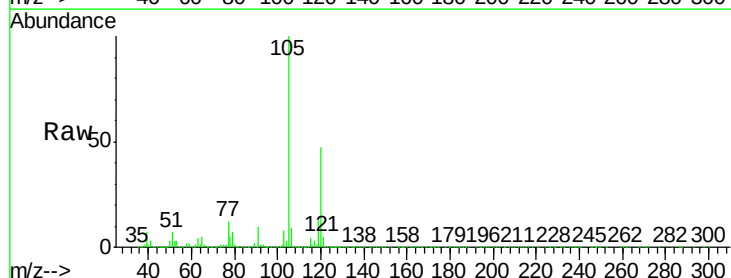
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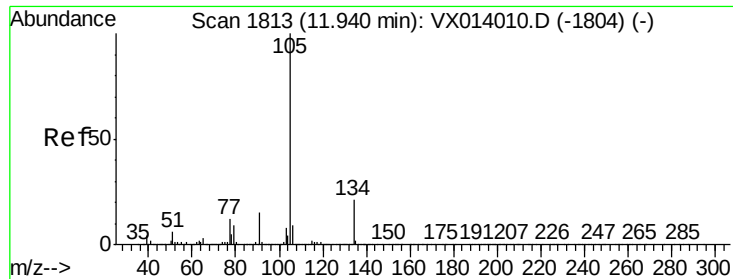
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#84
1,2,4-Trimethylbenzene
Concen: 51.603 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 53.222 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1272304

Ion Ratio Lower Upper

105 100

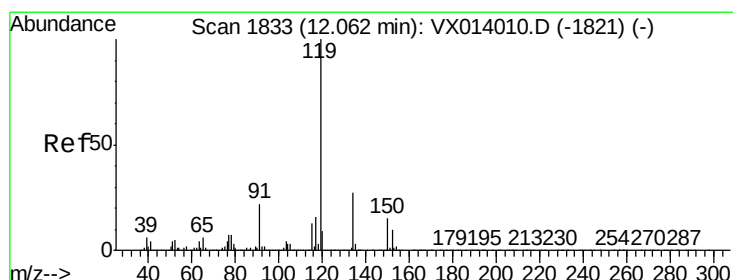
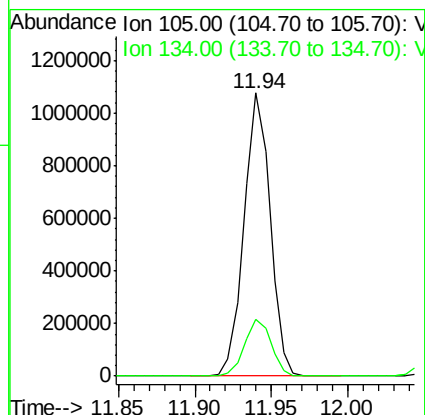
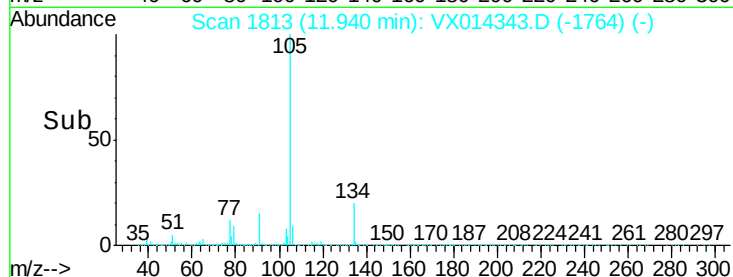
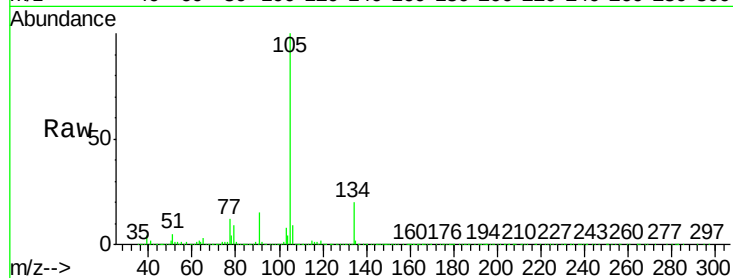
134 20.6 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.351 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

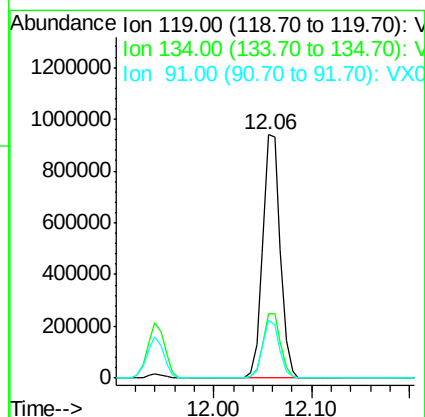
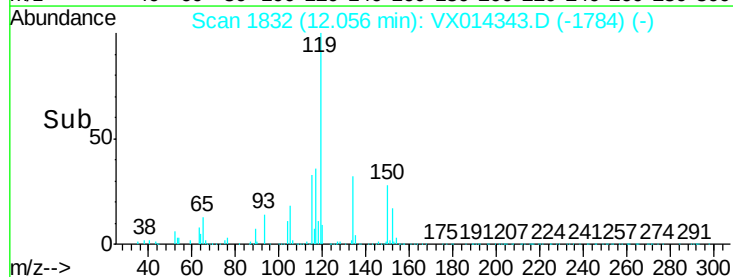
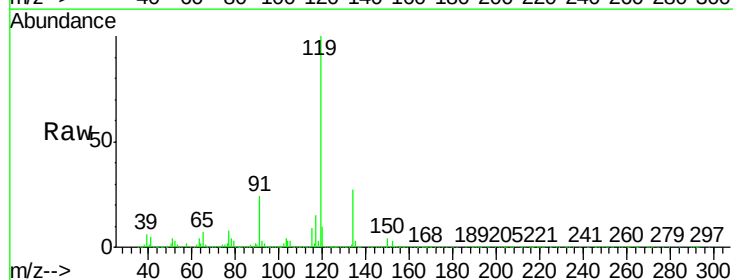
Tgt Ion:119 Resp: 1166623

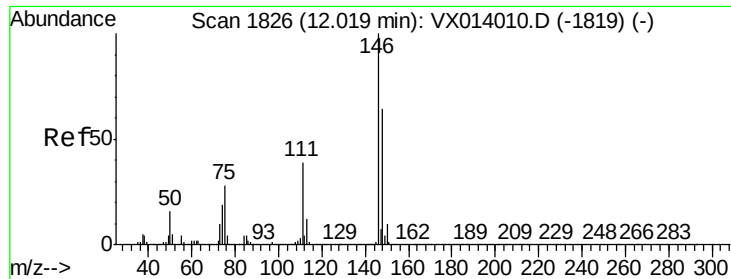
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.7 11.4 34.1





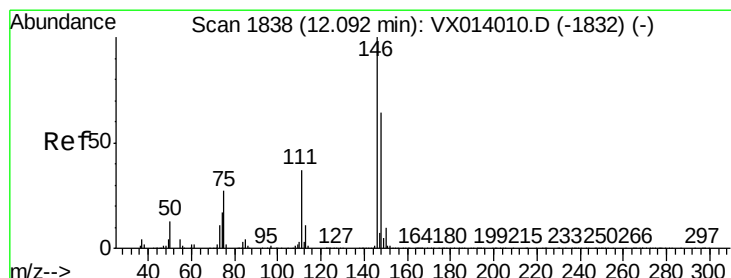
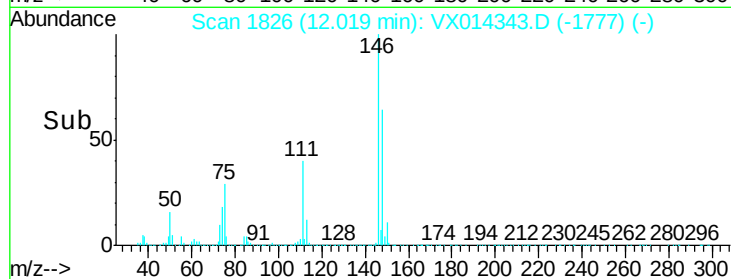
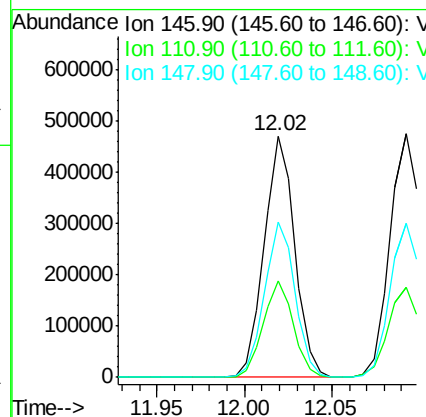
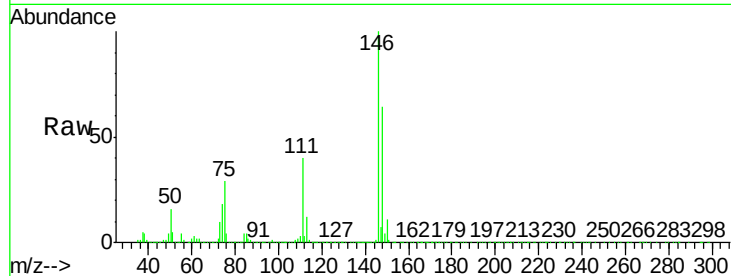
#87
 1,3-Dichlorobenzene
 Concen: 48.650 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	64.3	32.3	96.9

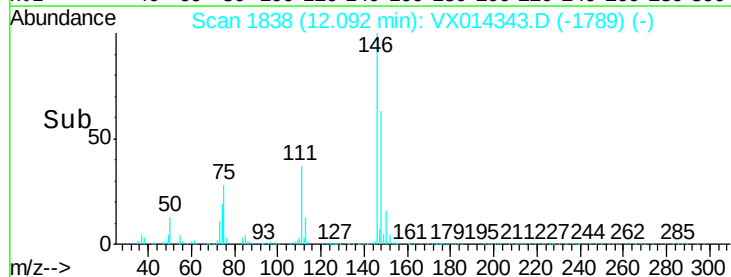
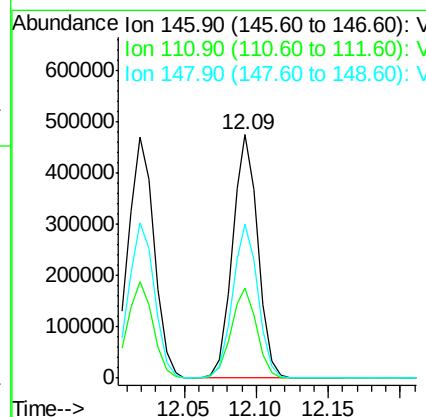
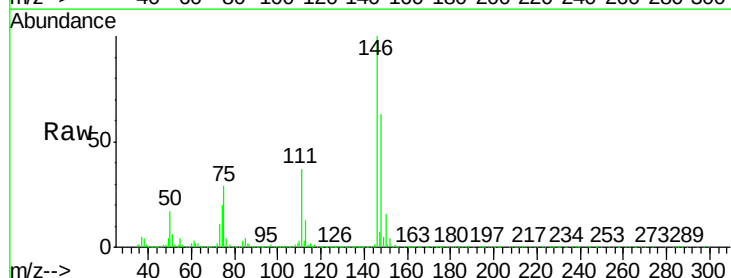
Manual Integrations
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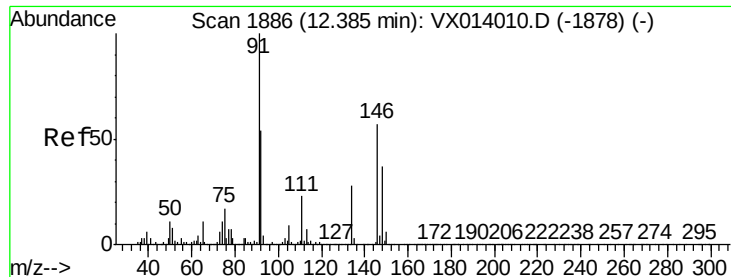
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#88
 1,4-Dichlorobenzene
 Concen: 48.359 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	63.4	31.9	95.9





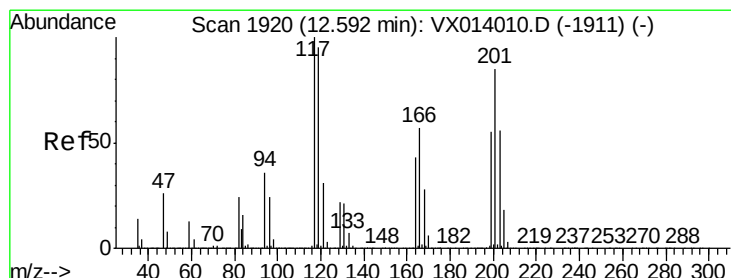
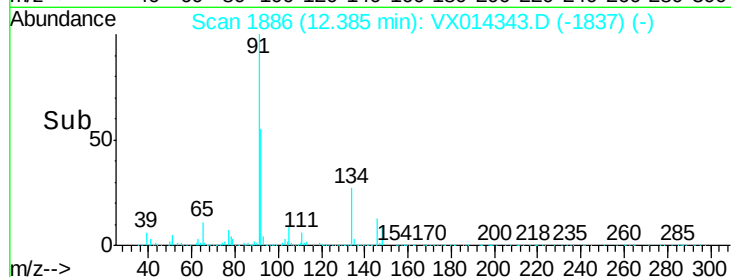
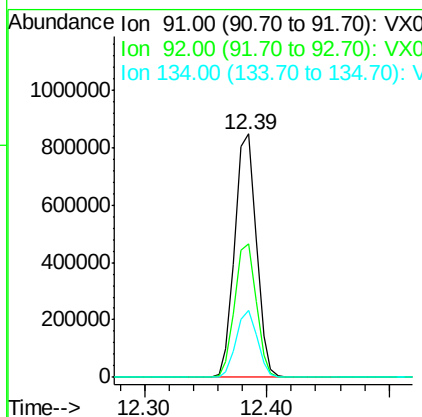
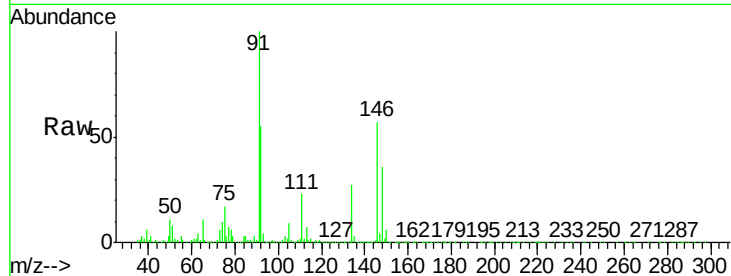
#89
n-Butylbenzene
Concen: 55.118 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.9	13.4	40.1

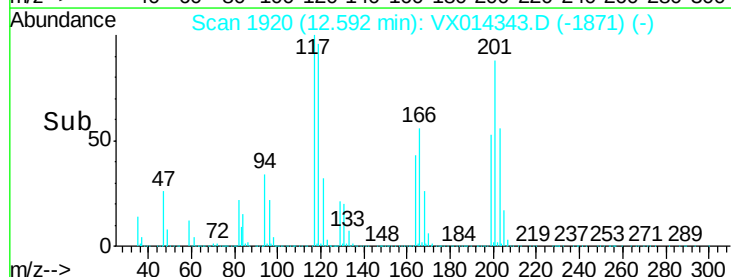
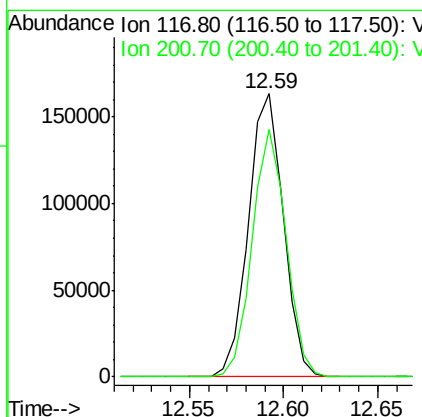
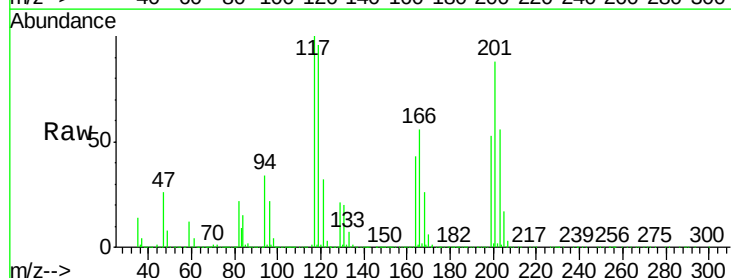
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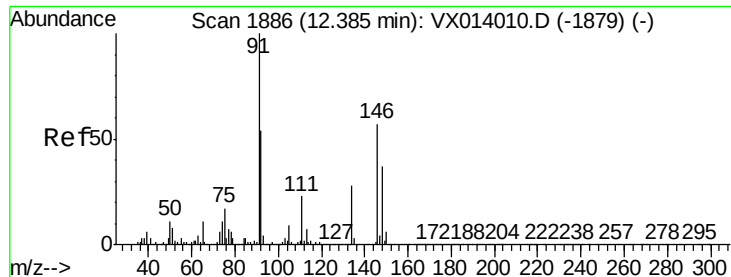
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#90
Hexachloroethane
Concen: 53.329 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014343.D
Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	43.1	129.3





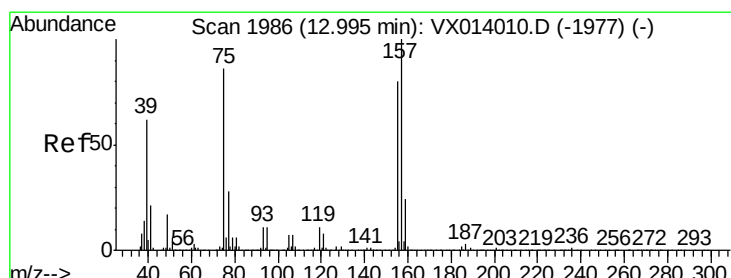
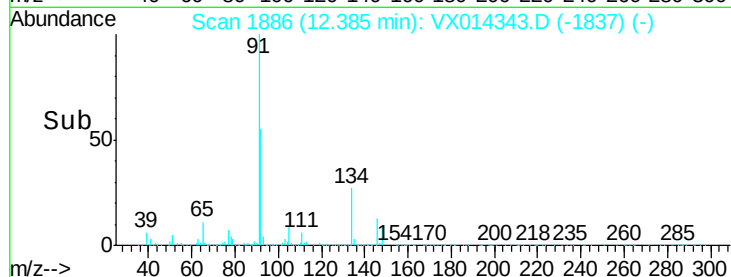
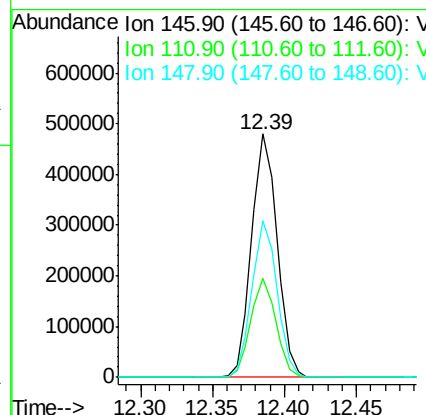
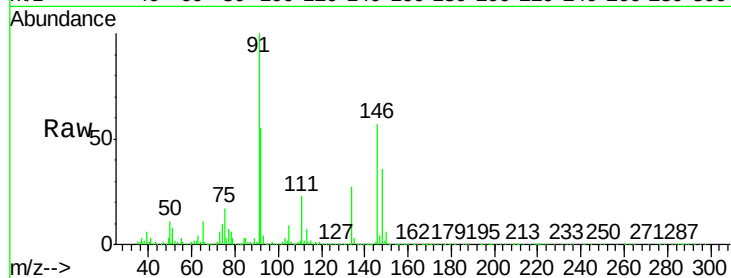
#91
 1,2-Dichlorobenzene
 Concen: 49.130 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	63.4	32.1	96.5

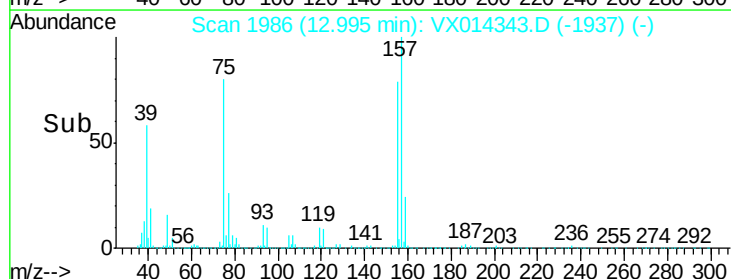
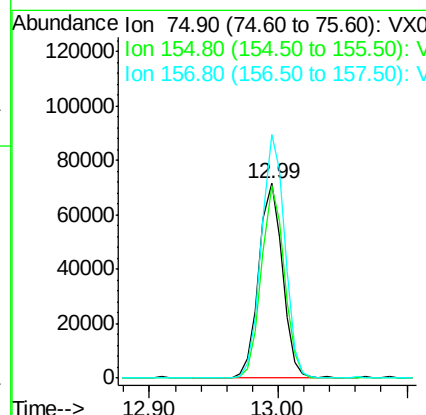
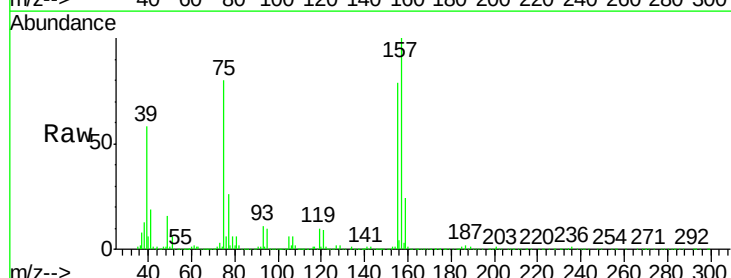
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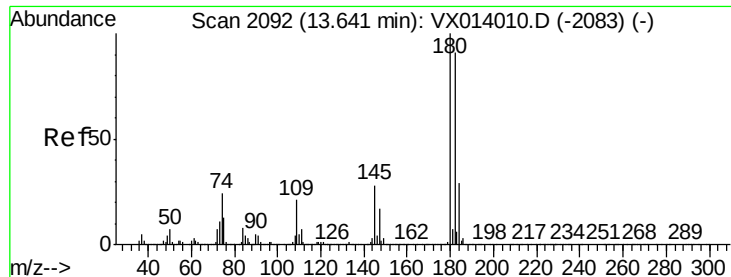
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.237 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.9	140.6
157	124.6	60.8	182.4





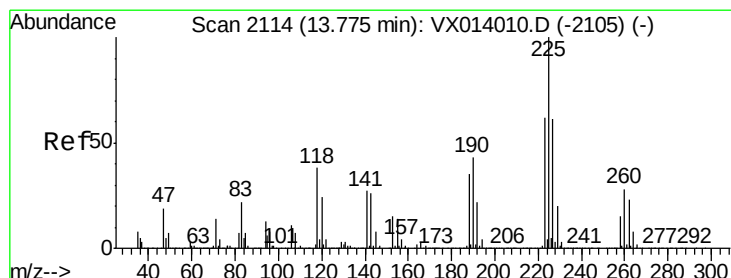
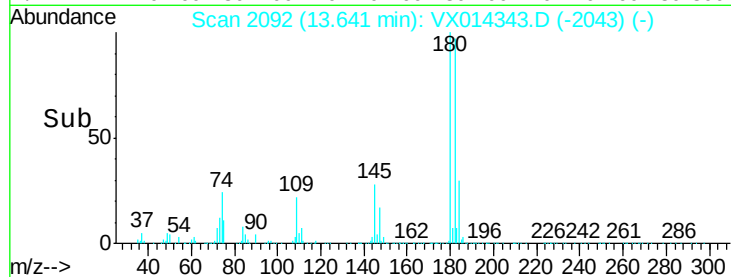
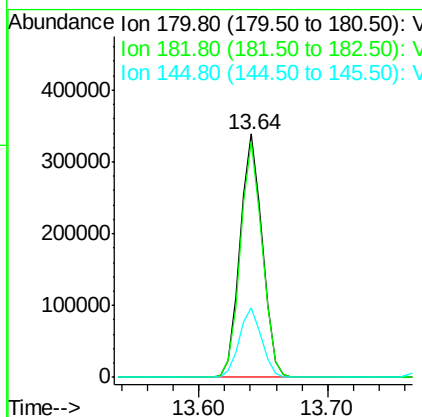
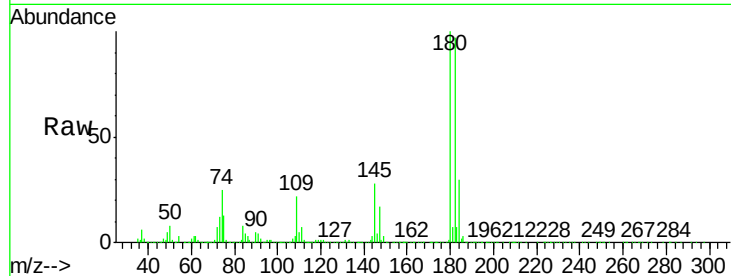
#93
 1,2,4-Trichlorobenzene
 Concen: 51.905 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	404888		
182	95.2	46.6	139.8	
145	28.8	14.2	42.6	

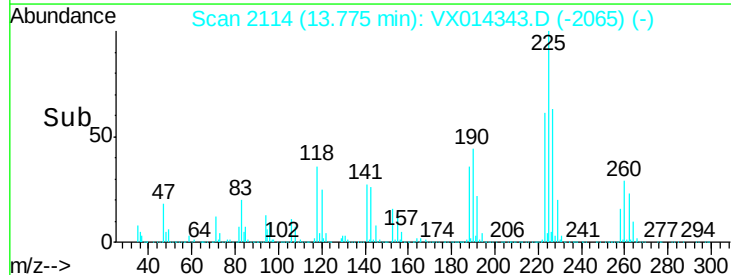
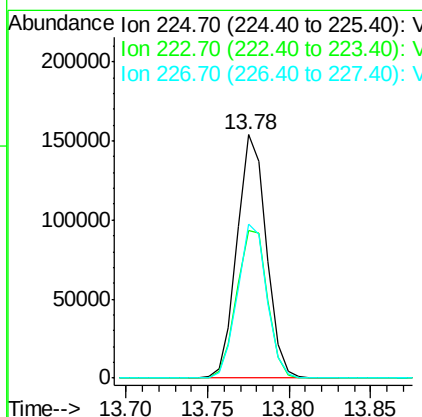
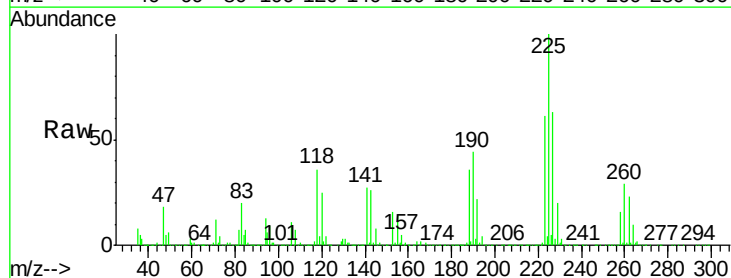
Manual Integrations
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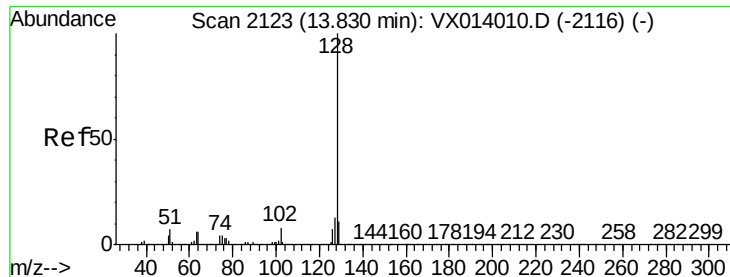
apatel
 12/31/2019 9:32:26 AM



#94
 Hexachlorobutadiene
 Concen: 51.395 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014343.D
 Acq: 30 Dec 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192678		
223	63.9	30.9	92.5	
227	63.3	30.9	92.7	





#95

Naphthalene

Concen: 52.240 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1197258

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

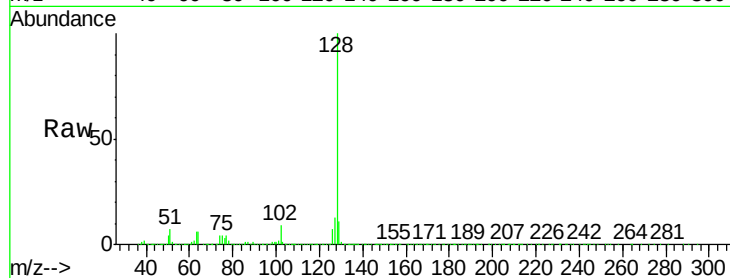
129 11.0 8.7 13.1

Manual Integrations

APPROVED

apatel

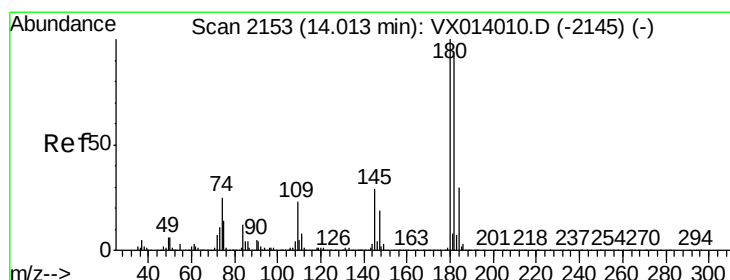
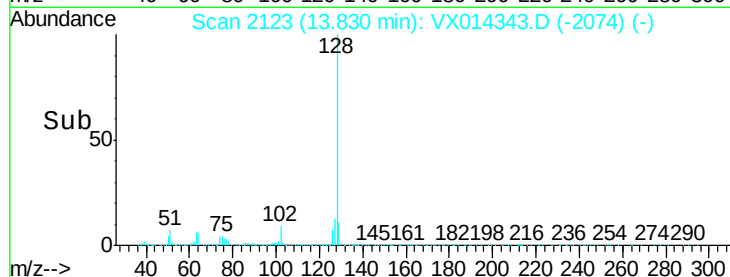
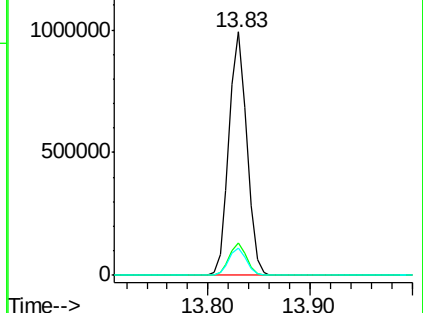
12/31/2019 9:32:26 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.508 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014343.D

Acq: 30 Dec 2019 09:48

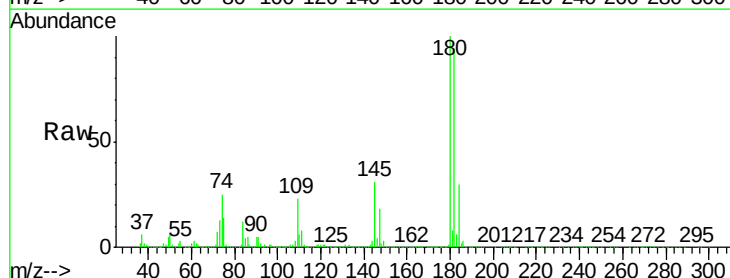
Tgt Ion:180 Resp: 404330

Ion Ratio Lower Upper

180 100

182 93.8 46.8 140.3

145 30.1 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

