

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
 Data File : VX014218.D
 Acq On : 23 Dec 2019 21:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 24 03:46:01 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	519985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	292394	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.49	113	242055	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	948595	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	337815	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	209347	45.002	ug/l	100
3) Chloromethane	1.32	50	276369	44.269	ug/l	98
4) Vinyl Chloride	1.40	62	303467	46.067	ug/l	98
5) Bromomethane	1.63	94	187955	40.200	ug/l	100
6) Chloroethane	1.72	64	199250	49.008	ug/l	93
7) Trichlorofluoromethane	1.92	101	399715	49.017	ug/l	98
8) Diethyl Ether	2.18	74	184942	48.324	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240223	48.869	ug/l	100
10) Methyl Iodide	2.50	142	267710	41.753	ug/l	99
11) Tert butyl alcohol	3.03	59	305998	240.298	ug/l	99
12) 1,1-Dichloroethene	2.37	96	240959	48.173	ug/l	97
13) Acrolein	2.28	56	175058	240.154	ug/l	100
14) Allyl chloride	2.72	41	440833	49.361	ug/l	100
15) Acrylonitrile	3.13	53	760171	255.758	ug/l	99
16) Acetone	2.43	43	829929	216.917	ug/l	100
17) Carbon Disulfide	2.56	76	613766	44.287	ug/l	100
18) Methyl Acetate	2.76	43	409473	54.010	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	838754	51.030	ug/l	98
20) Methylene Chloride	2.85	84	279237	46.347	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	258415	46.894	ug/l	99
22) Diisopropyl ether	3.84	45	906714	50.948	ug/l	94
23) Vinyl Acetate	3.80	43	2846816	196.018	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485857	49.069	ug/l	99
25) 2-Butanone	4.66	43	1142774	242.265	ug/l	100
26) 2,2-Dichloropropane	4.58	77	345010	44.879	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	308983	49.579	ug/l	98
28) Bromochloromethane	5.01	49	205999	54.060	ug/l	98
29) Tetrahydrofuran	5.11	42	686842	260.329	ug/l	100
30) Chloroform	5.20	83	473136	50.407	ug/l	99
31) Cyclohexane	5.57	56	429500	48.772	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	397382	49.674	ug/l	99
36) 1,1-Dichloropropene	5.79	75	355407	48.377	ug/l	100
37) Ethyl Acetate	4.82	43	414665	51.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	336330	50.253	ug/l	100

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Quant Time: Dec 24 03:46:01 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)
39) Methylcyclohexane	7.46	83	429792	47.379	ug/l	99
40) Benzene	6.14	78	1108090	49.020	ug/l	100
41) Methacrylonitrile	5.03	41	233331	51.836	ug/l	98
42) 1,2-Dichloroethane	6.18	62	382729	49.949	ug/l	99
43) Isopropyl Acetate	6.43	43	683791	50.930	ug/l	100
44) Trichloroethene	7.21	130	311818	49.942	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290771	50.187	ug/l	98
46) Dibromomethane	7.65	93	186605	48.715	ug/l	99
47) Bromodichloromethane	7.89	83	367700	50.968	ug/l	98
48) Methyl methacrylate	7.76	41	333640	50.748	ug/l	100
49) 1,4-Dioxane	7.73	88	126879	948.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2138142	253.578	ug/l	100
52) Toluene	8.78	92	695650	48.689	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405109	51.211	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	454259	51.545	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288047	50.302	ug/l	99
56) Ethyl methacrylate	9.17	69	461074	51.258	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482003	50.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	900457	264.521	ug/l	100
59) 2-Hexanone	9.48	43	1652641	243.476	ug/l	100
60) Dibromochloromethane	9.57	129	297567	52.278	ug/l	99
61) 1,2-Dibromoethane	9.67	107	299429	51.106	ug/l	99
64) Tetrachloroethene	9.33	164	424279	66.400	ug/l	99
65) Chlorobenzene	10.14	112	750130	48.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	279466	50.978	ug/l	98
67) Ethyl Benzene	10.25	91	1315242	49.826	ug/l	100
68) m/p-Xylenes	10.35	106	1008203	99.306	ug/l	99
69) o-Xylene	10.70	106	490601	49.272	ug/l	98
70) Styrene	10.71	104	842964	50.066	ug/l	99
71) Bromoform	10.85	173	232807	52.830	ug/l #	99
73) Isopropylbenzene	11.01	105	1289435	50.463	ug/l	99
74) N-amyl acetate	10.89	43	589507	49.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	411432	46.444	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	499557	63.404	ug/l	87
77) Bromobenzene	11.25	156	335268	47.689	ug/l	100
78) n-propylbenzene	11.35	91	1474272	51.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	870521	49.965	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1074109	49.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141457	50.675	ug/l	98
82) 4-Chlorotoluene	11.51	91	998215	49.393	ug/l	99
83) tert-Butylbenzene	11.76	119	922770	44.093	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	1089705	50.599	ug/l	100
85) sec-Butylbenzene	11.94	105	1251728	50.665	ug/l	100
86) p-Isopropyltoluene	12.06	119	1147405	50.772	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	595460	48.327	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	592116	47.261	ug/l	99
89) n-Butylbenzene	12.39	91	981279	50.888	ug/l	99
90) Hexachloroethane	12.59	117	201002	49.517	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599984	48.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91485	46.667	ug/l	97

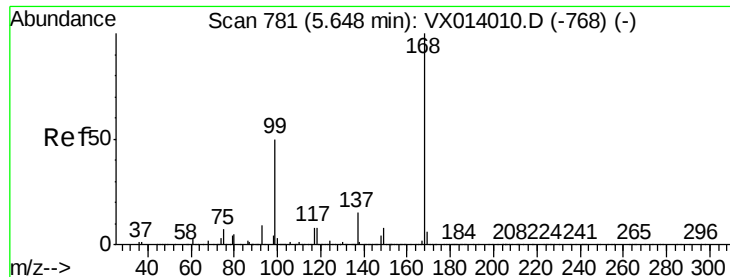
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	403318	50.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	191768	49.495	ug/l	100
95) Naphthalene	13.83	128	1242843	52.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	403400	50.690	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

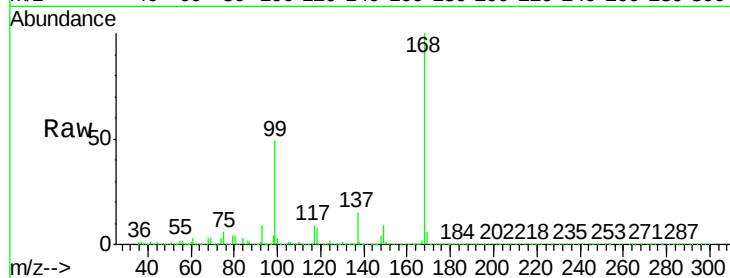
VSTDCCC050

Tgt Ion:168 Resp: 519985

Ion Ratio Lower Upper

168 100

99 49.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

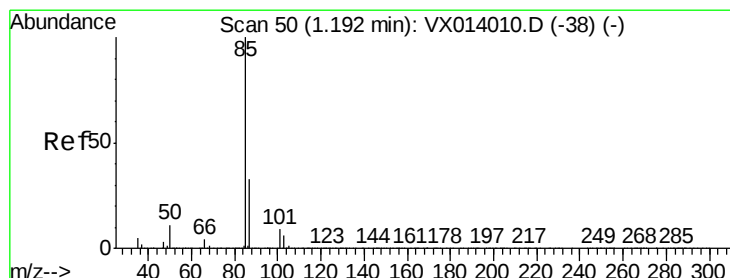
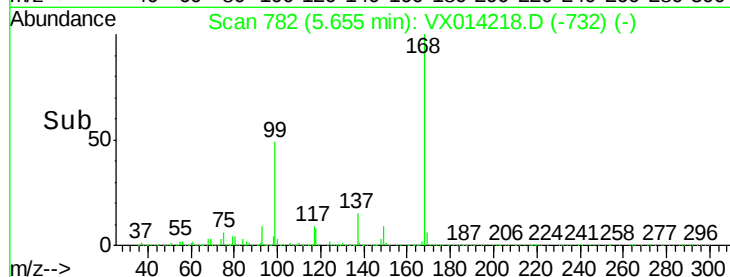
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.002 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014218.D

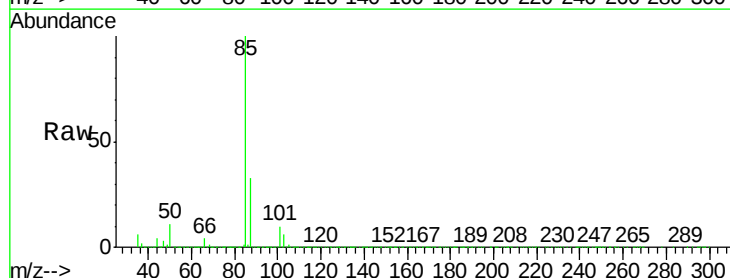
Acq: 23 Dec 2019 21:49

Tgt Ion: 85 Resp: 209347

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

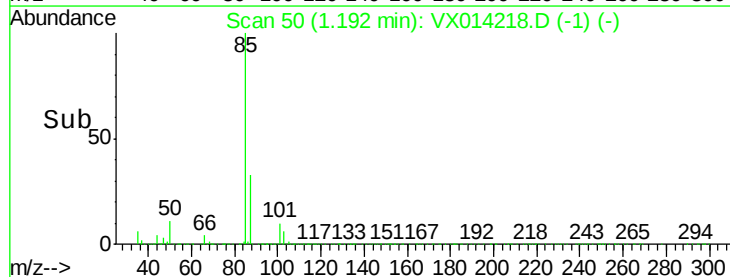
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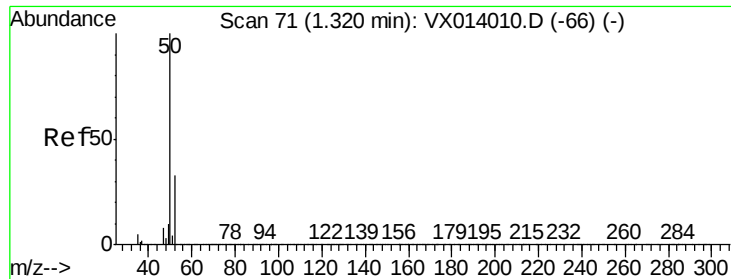
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Time-->

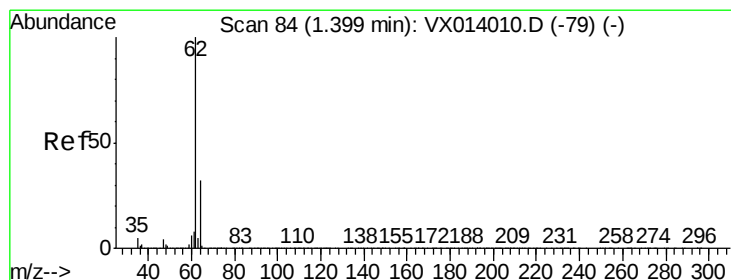
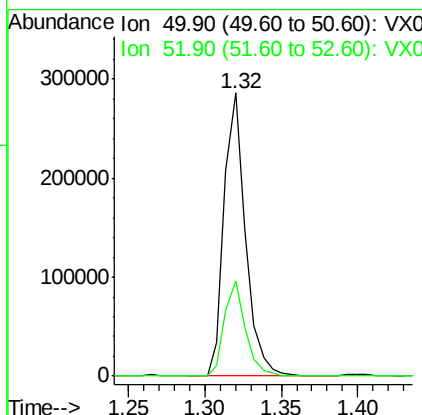
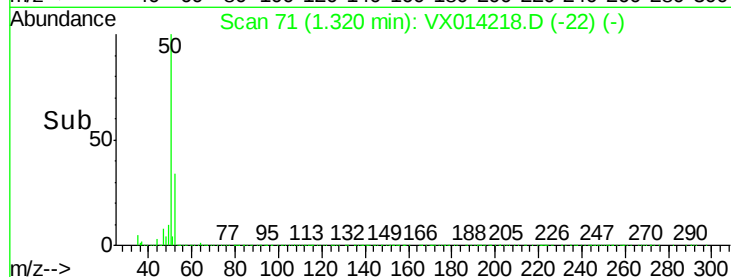
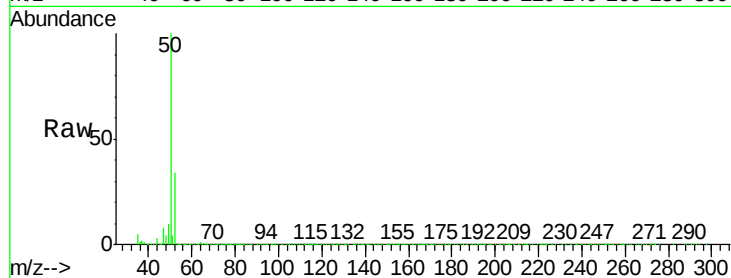




#3
Chloromethane
Concen: 44.269 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

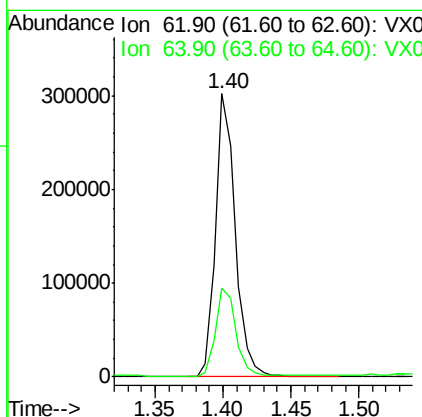
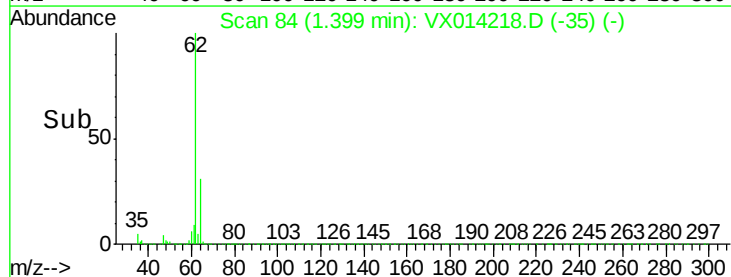
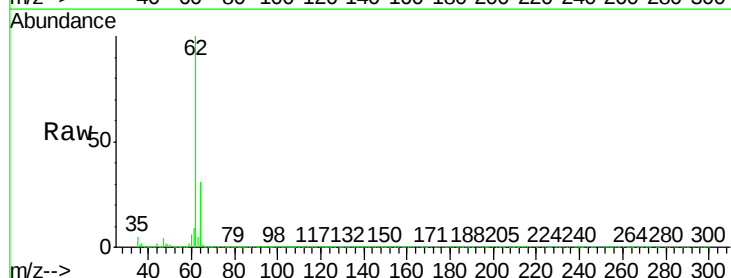
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 276369
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.4



#4
Vinyl Chloride
Concen: 46.067 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 62 Resp: 303467
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





#5

Bromomethane

Concen: 40.200 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

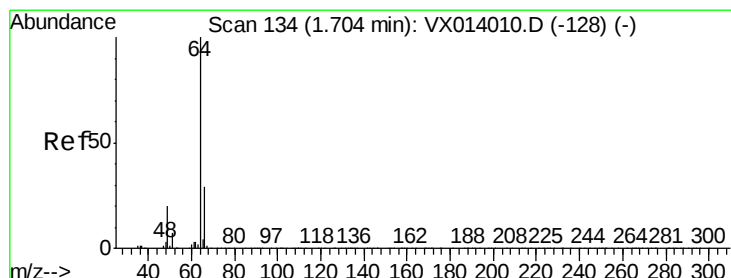
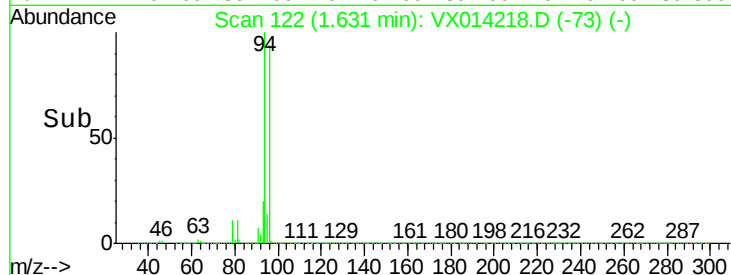
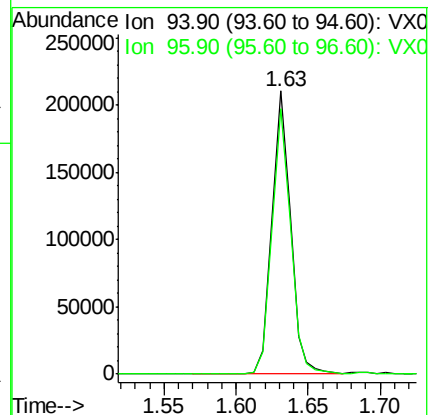
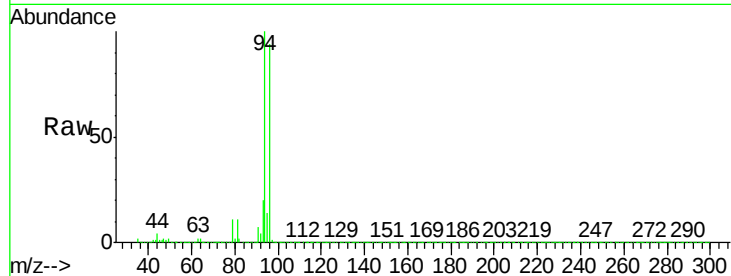
VSTDCCC050

Tgt Ion: 94 Resp: 187955

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8



#6

Chloroethane

Concen: 49.008 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014218.D

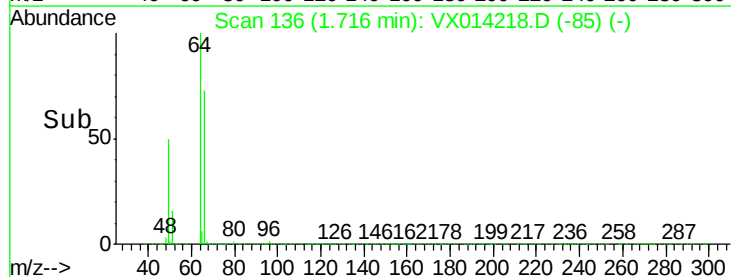
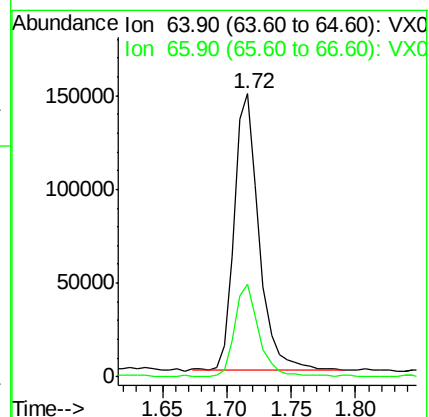
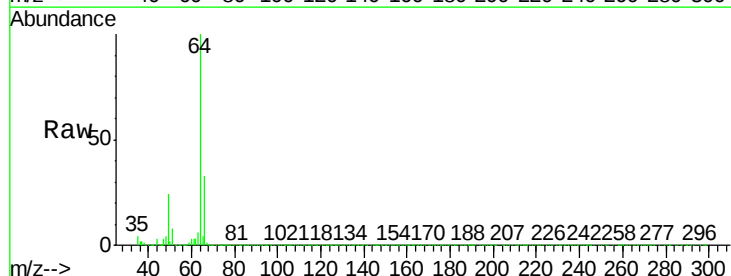
Acq: 23 Dec 2019 21:49

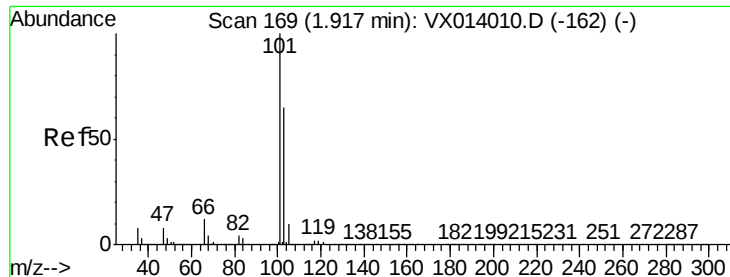
Tgt Ion: 64 Resp: 199250

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2



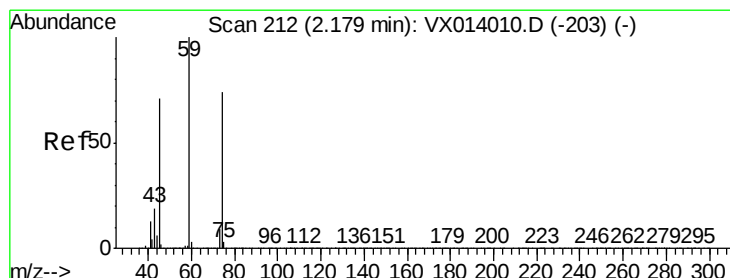
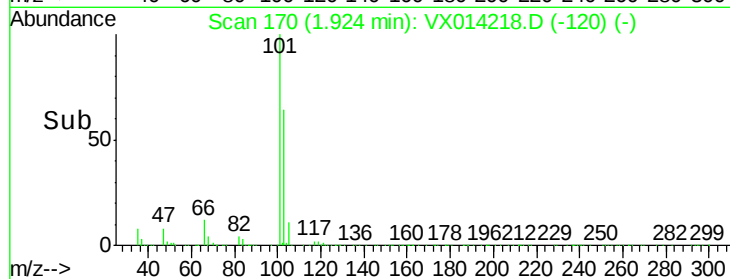
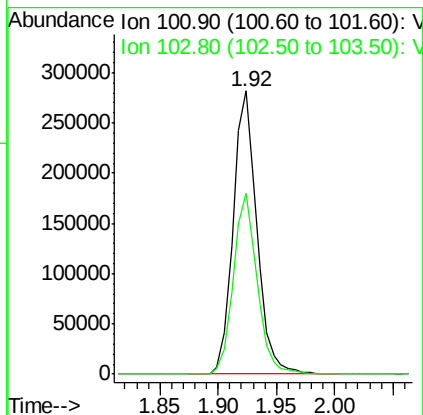
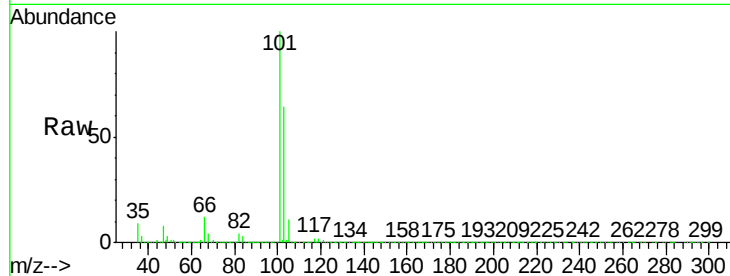


#7

Trichlorofluoromethane
Concen: 49.017 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
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VSTDCCC050

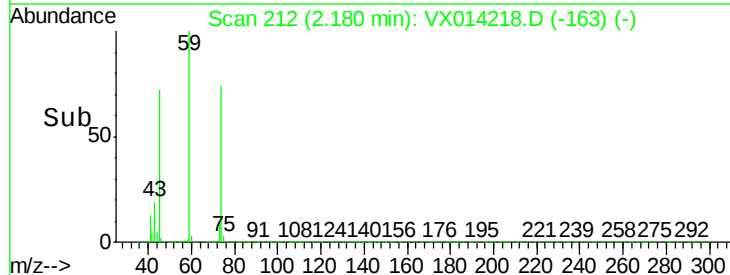
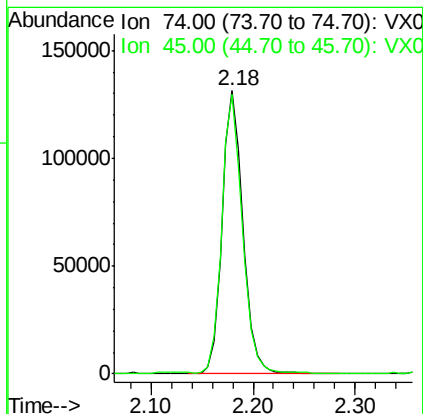
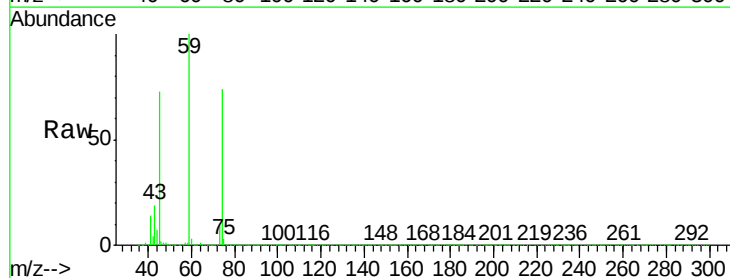
Tgt Ion:101 Resp: 399715
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4



#8

Diethyl Ether
Concen: 48.324 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 74 Resp: 184942
Ion Ratio Lower Upper
74 100
45 97.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.869 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

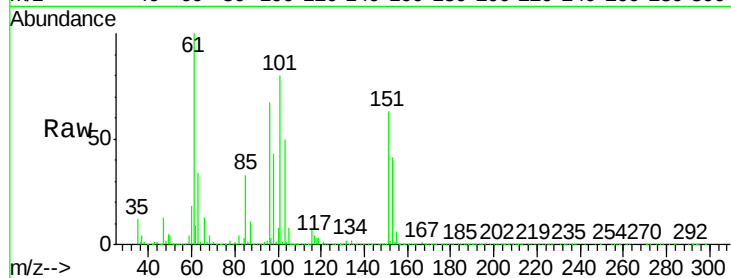
Tgt Ion:101 Resp: 240223

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

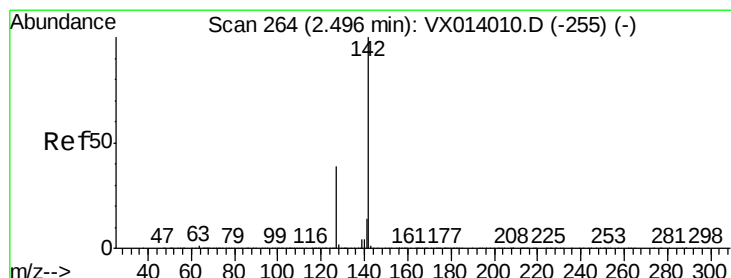
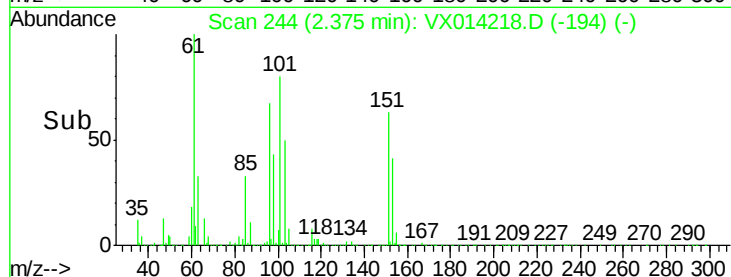
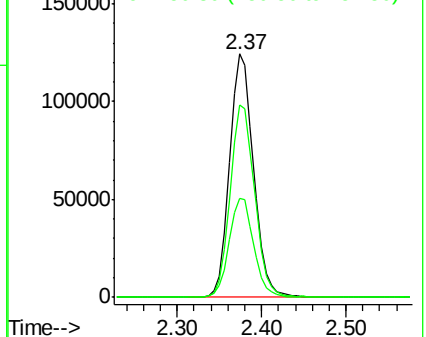
151 80.4 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.753 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

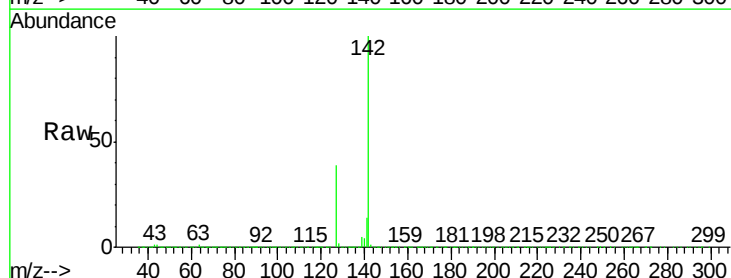
Tgt Ion:142 Resp: 267710

Ion Ratio Lower Upper

142 100

127 38.3 31.6 47.4

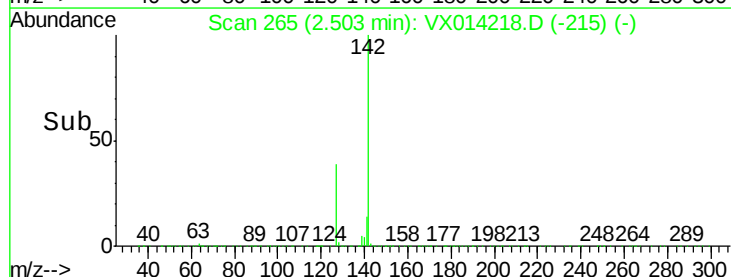
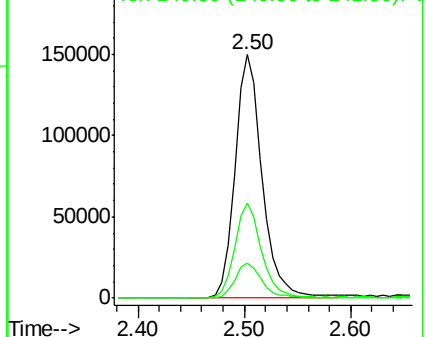
141 14.5 11.6 17.4

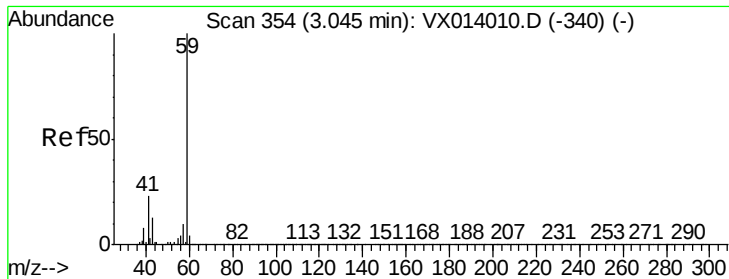


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



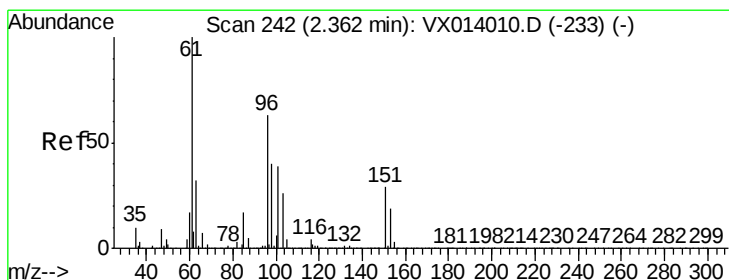
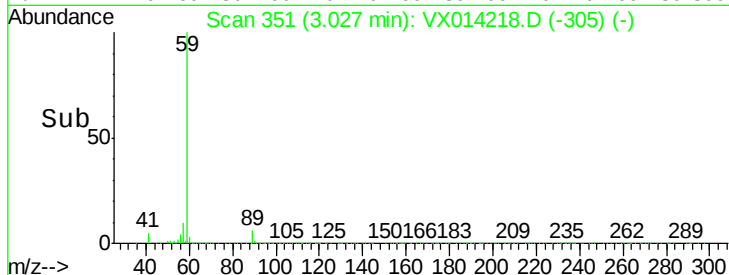
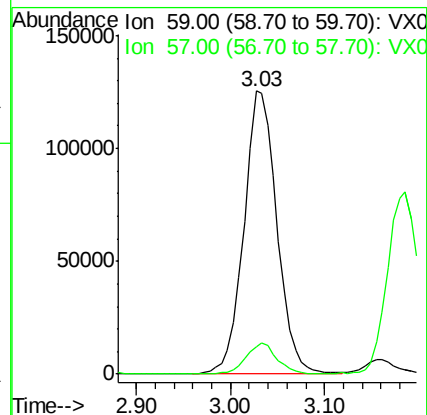
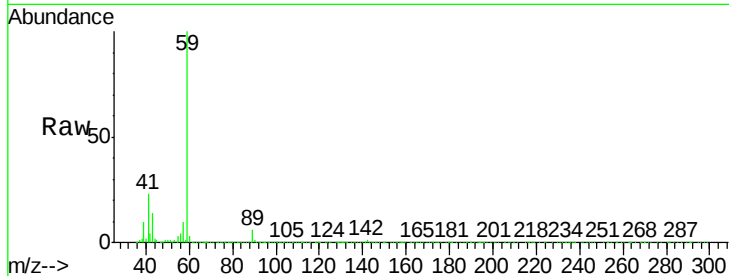


#11

Tert butyl alcohol
 Concen: 240.298 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

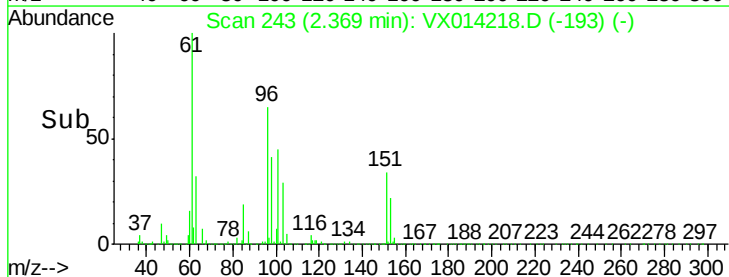
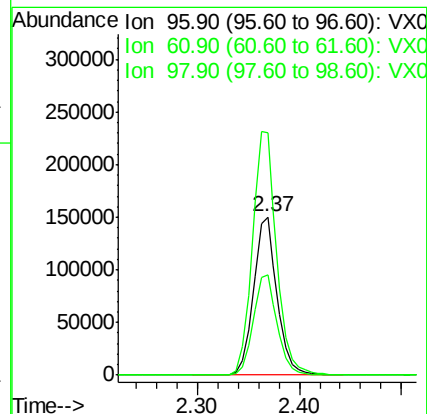
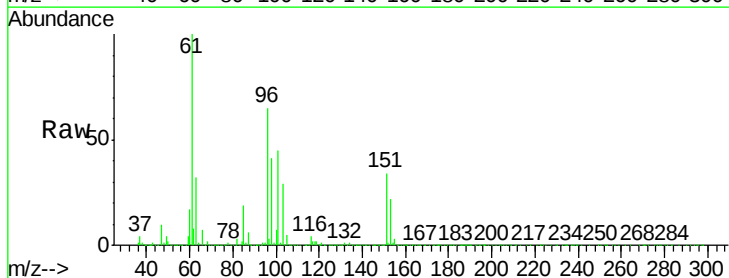
Tgt Ion: 59 Resp: 305998
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

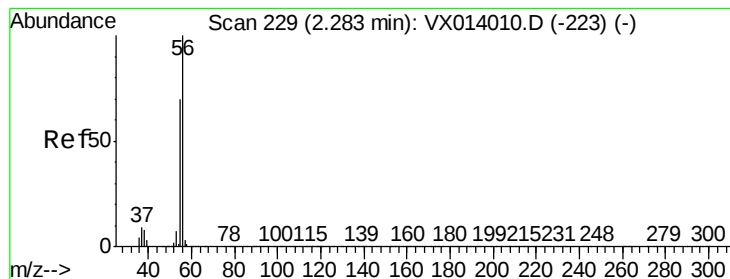


#12

1,1-Dichloroethene
 Concen: 48.173 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 96 Resp: 240959
 Ion Ratio Lower Upper
 96 100
 61 153.5 127.9 191.9
 98 63.1 50.5 75.7





#13

Acrolein

Concen: 240.154 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

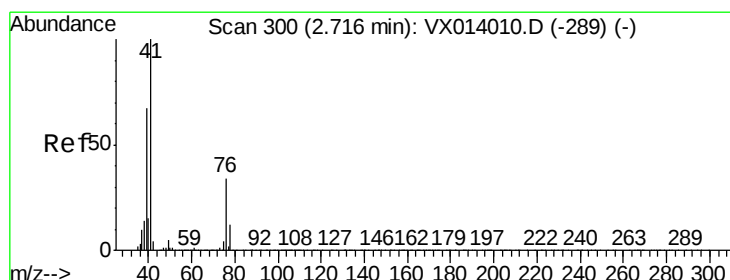
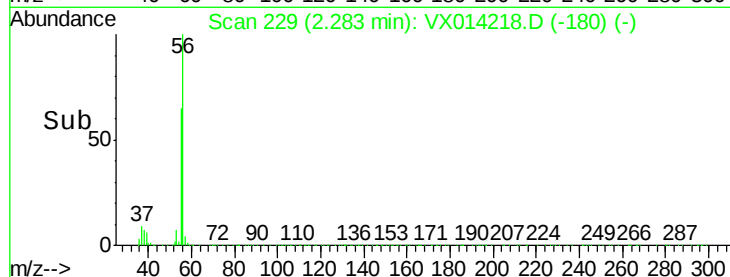
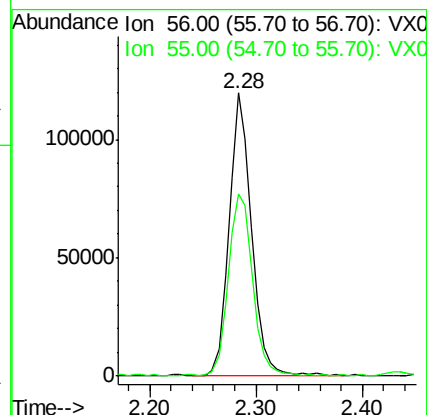
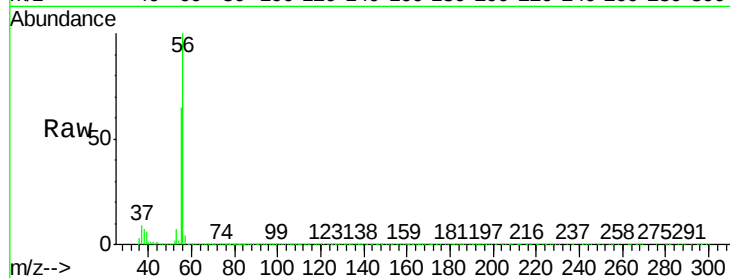
VSTDCCC050

Tgt Ion: 56 Resp: 175058

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 49.361 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

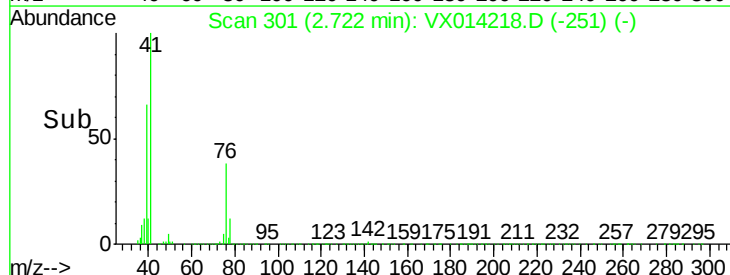
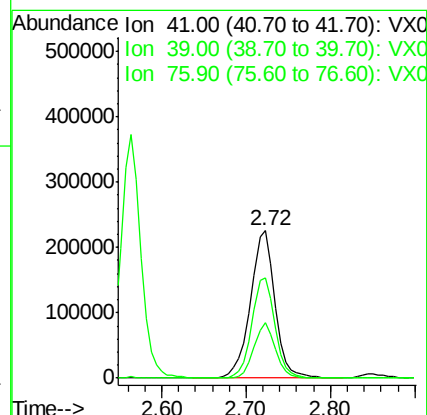
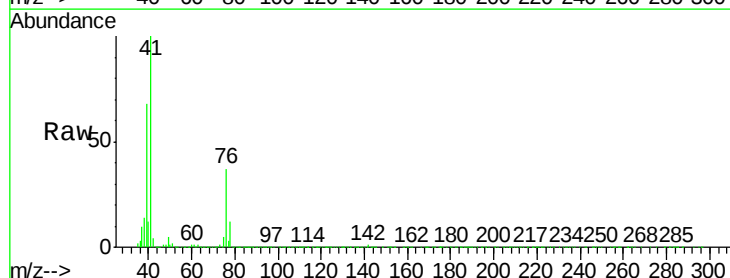
Tgt Ion: 41 Resp: 440833

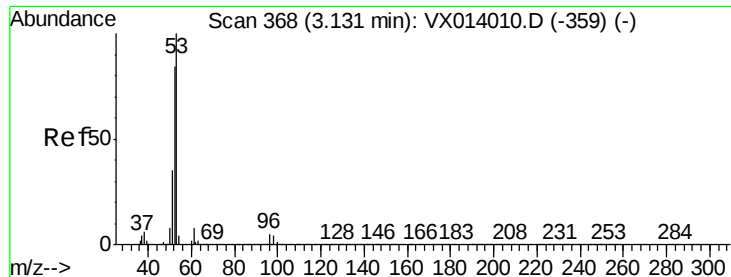
Ion Ratio Lower Upper

41 100

39 64.5 51.8 77.8

76 32.5 25.9 38.9

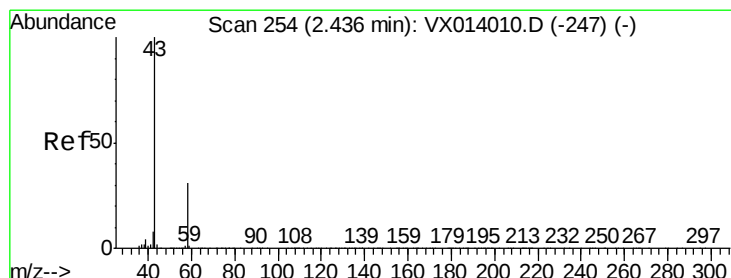
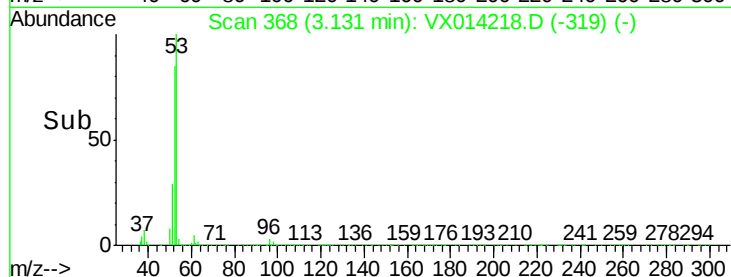
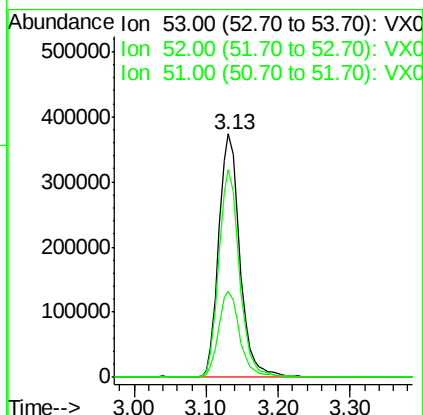
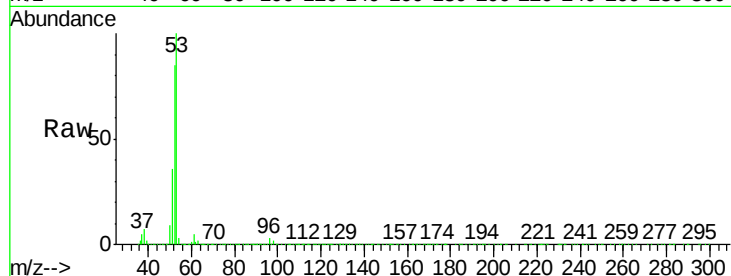




#15
 Acrylonitrile
 Concen: 255.758 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

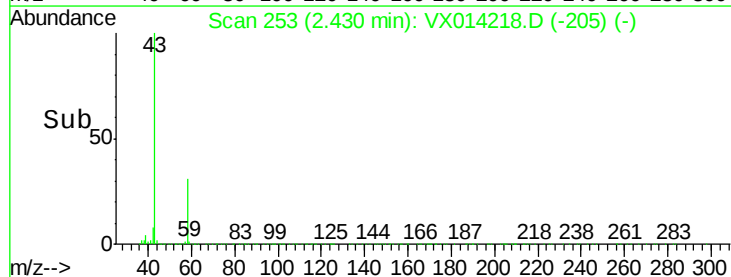
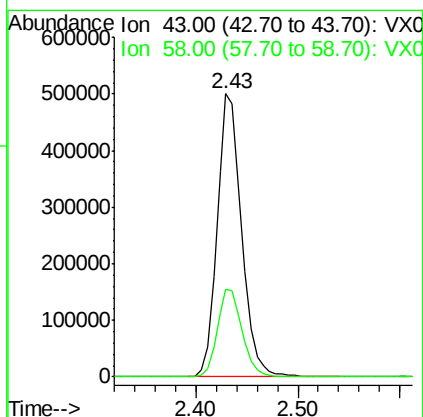
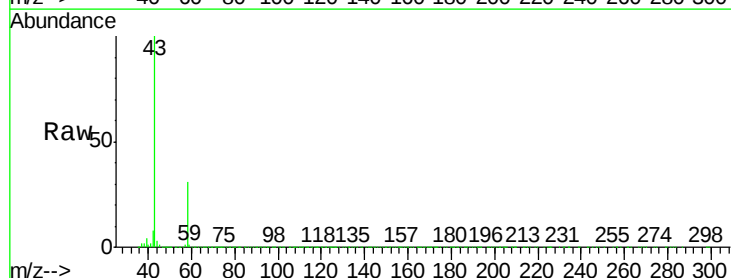
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

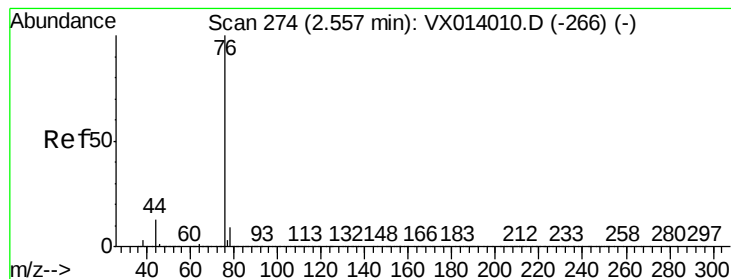
Tgt Ion:	53	Resp:	760171
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	35.7	28.1	42.1



#16
 Acetone
 Concen: 216.917 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion:	43	Resp:	829929
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 44.287 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

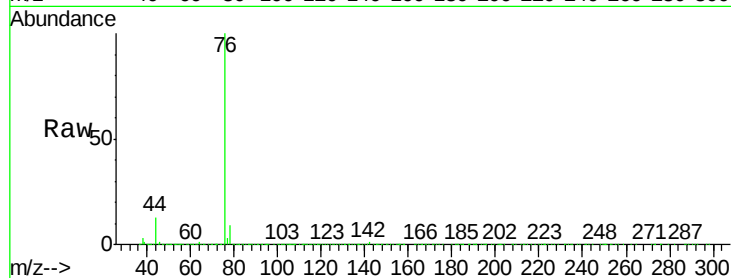
VSTDCCC050

Tgt Ion: 76 Resp: 613766

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

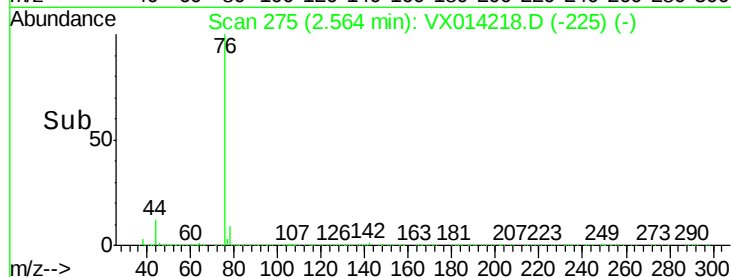
300000

200000

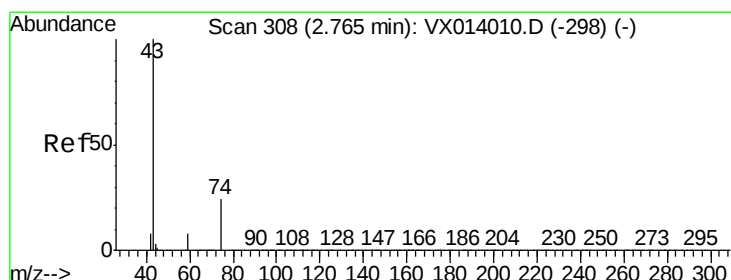
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 54.010 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014218.D

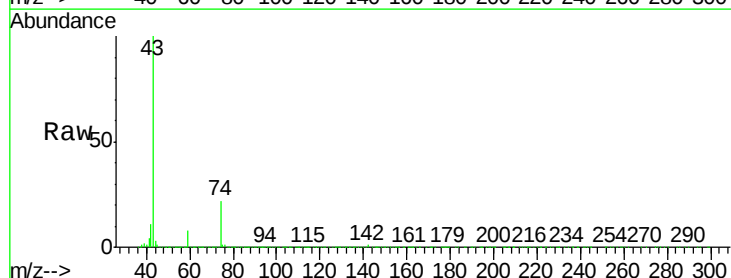
Acq: 23 Dec 2019 21:49

Tgt Ion: 43 Resp: 409473

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

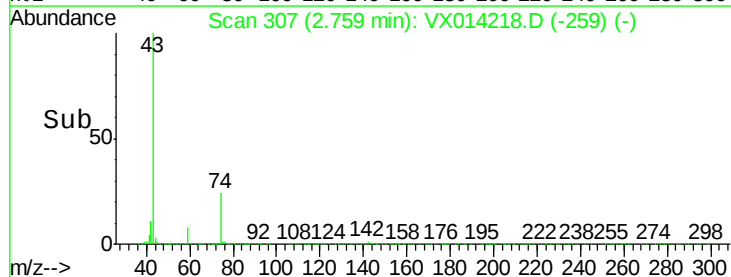
150000

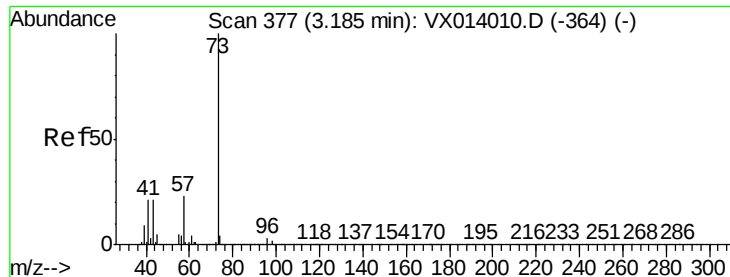
100000

50000

0

Time-->



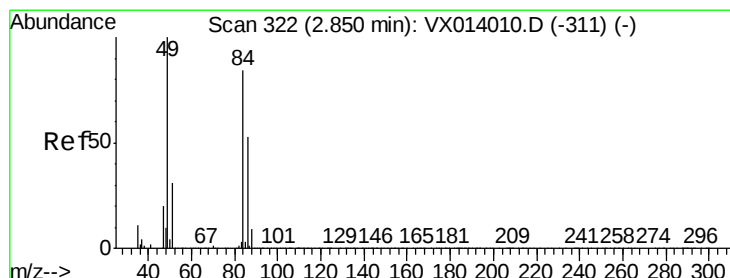
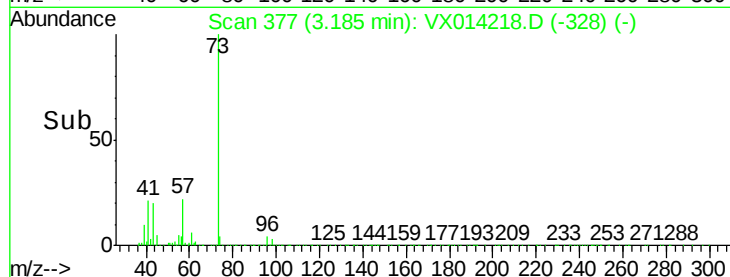
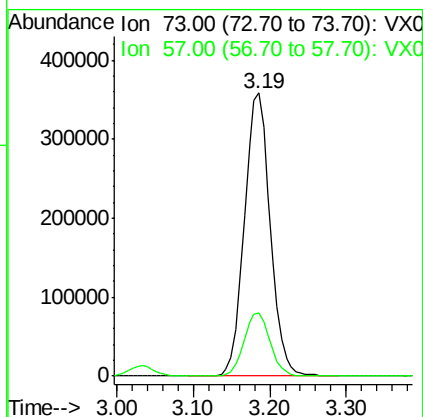
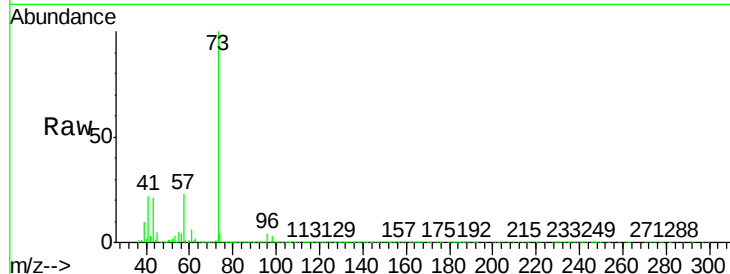


#19

Methyl tert-butyl Ether
 Concen: 51.030 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

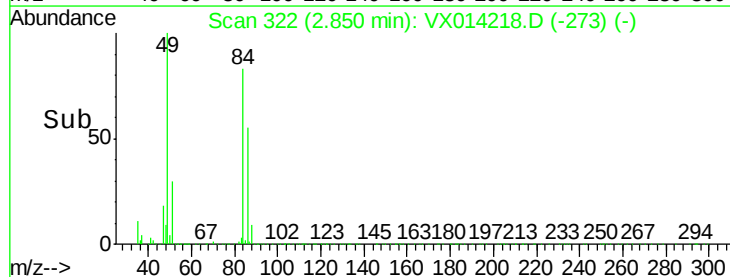
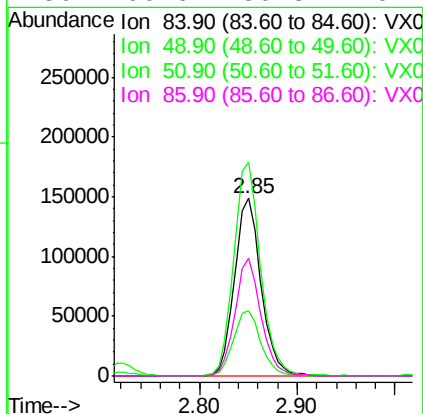
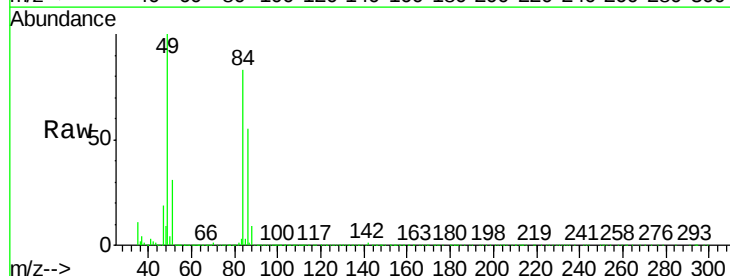
Tgt Ion: 73 Resp: 838754
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2



#20

Methylene Chloride
 Concen: 46.347 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 84 Resp: 279237
 Ion Ratio Lower Upper
 84 100
 49 120.5 95.8 143.6
 51 36.7 29.8 44.8
 86 66.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.894 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

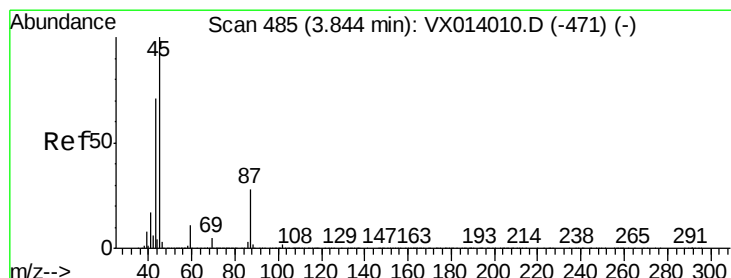
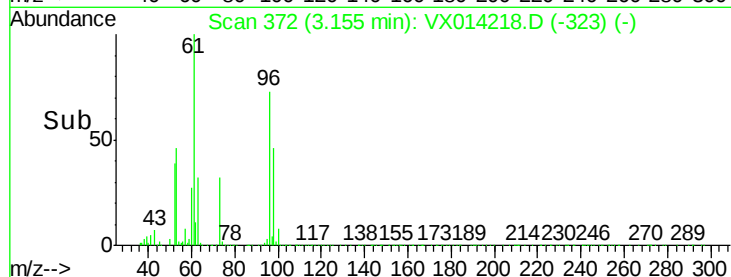
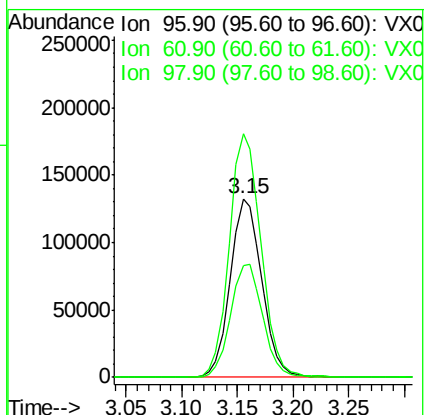
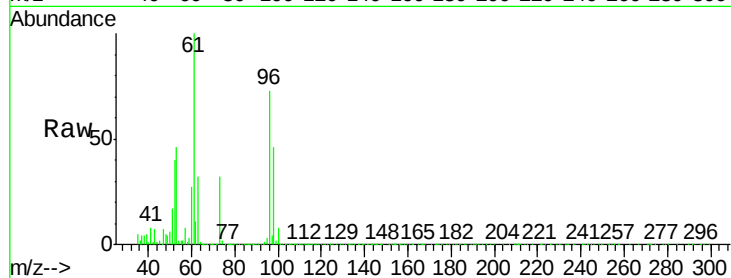
Tgt Ion: 96 Resp: 258415

Ion Ratio Lower Upper

96 100

61 136.4 108.3 162.5

98 62.6 50.8 76.2



#22

Diisopropyl ether

Concen: 50.948 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion: 45 Resp: 906714

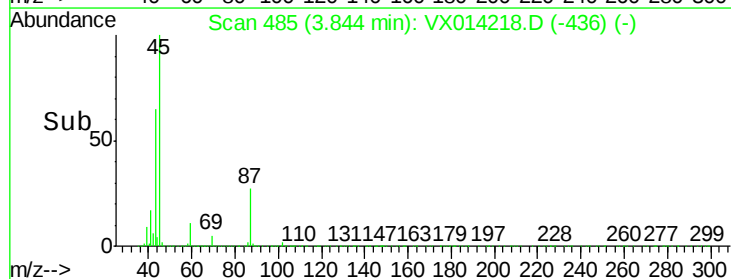
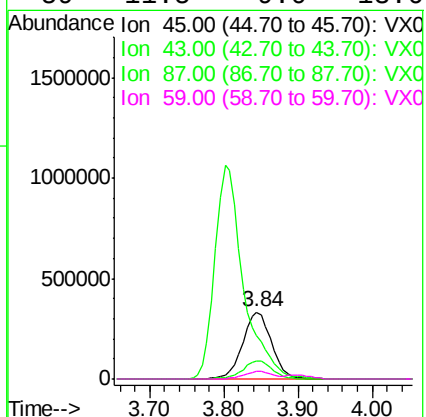
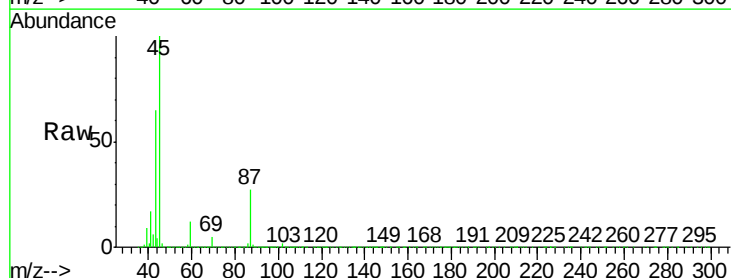
Ion Ratio Lower Upper

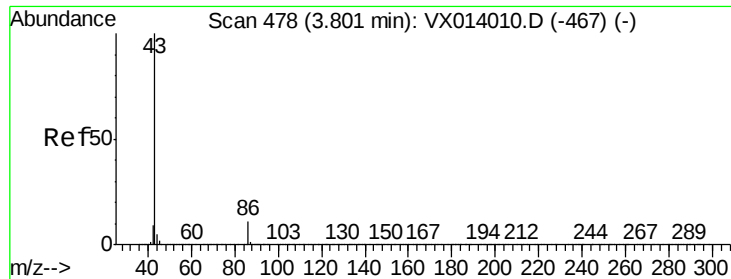
45 100

43 64.4 57.4 86.0

87 26.8 21.9 32.9

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 196.018 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

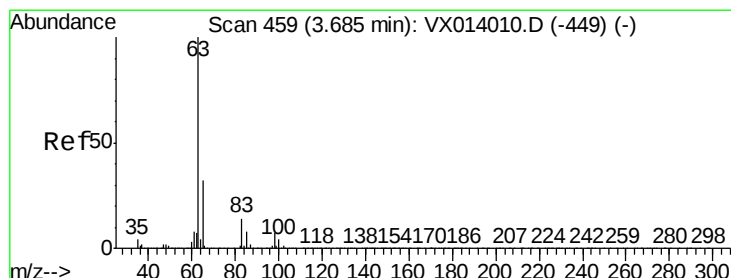
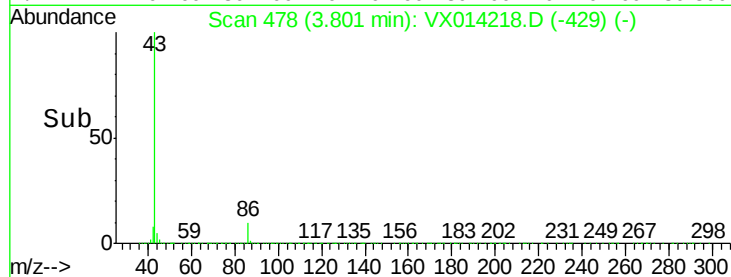
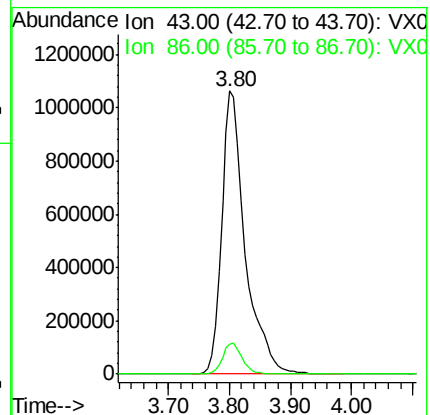
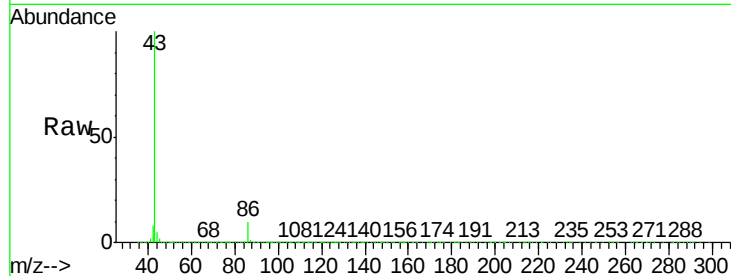
VSTDCCC050

Tgt Ion: 43 Resp: 2846816

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.069 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

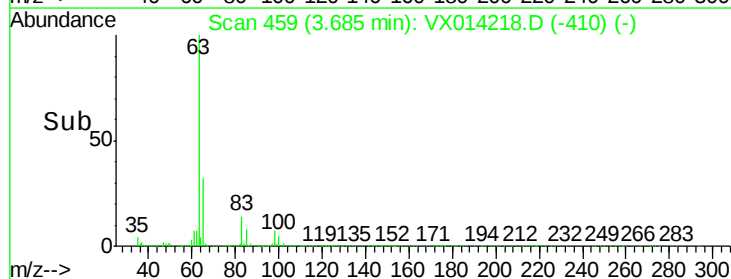
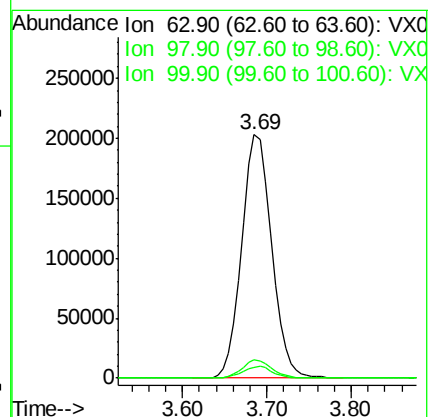
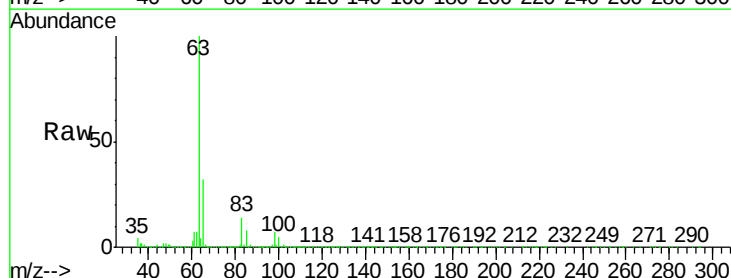
Tgt Ion: 63 Resp: 485857

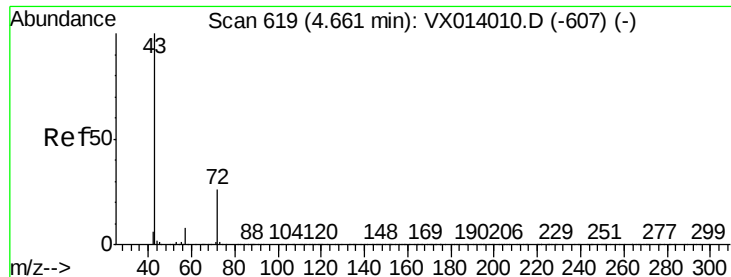
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 242.265 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

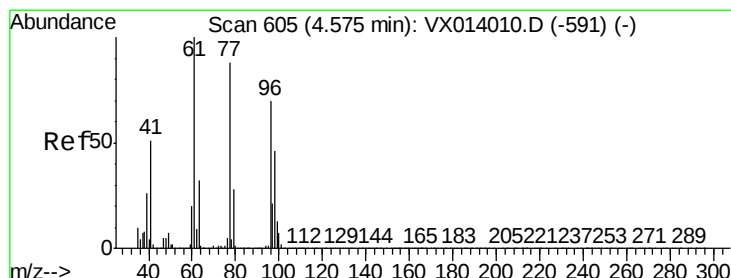
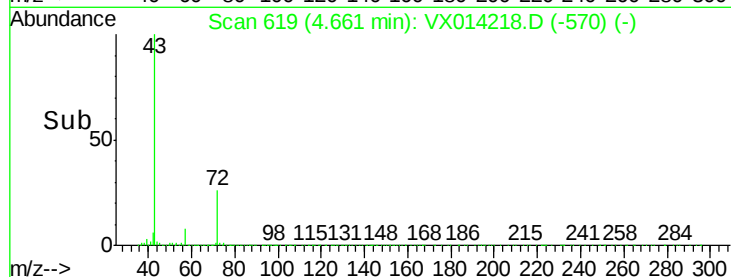
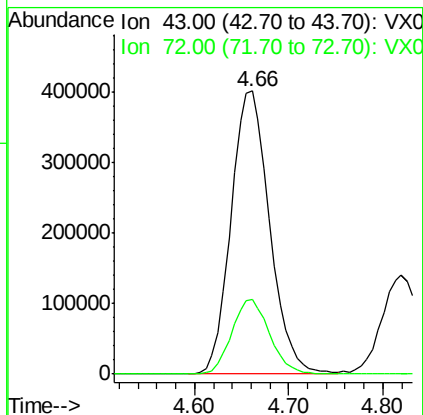
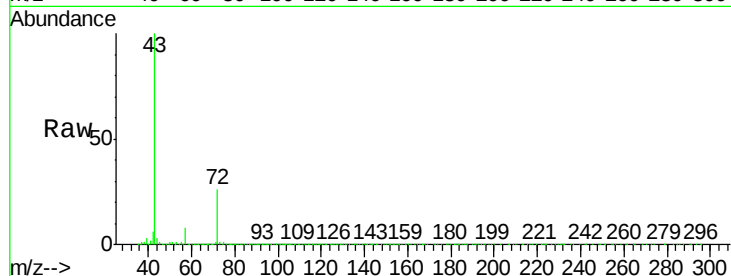
VSTDCCC050

Tgt Ion: 43 Resp: 1142774

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 44.879 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014218.D

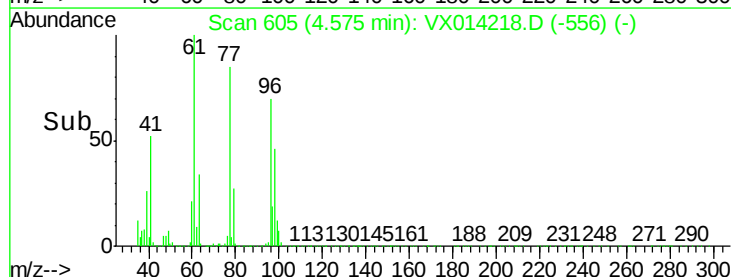
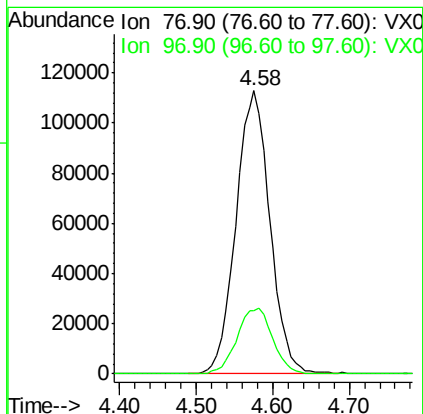
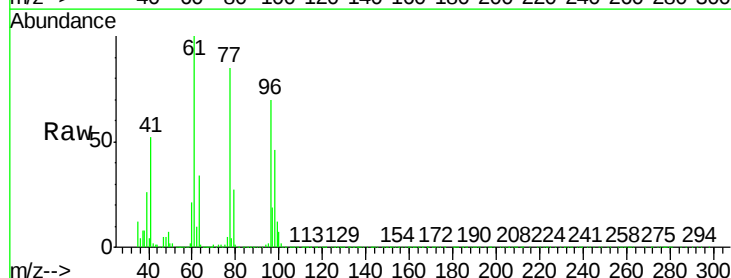
Acq: 23 Dec 2019 21:49

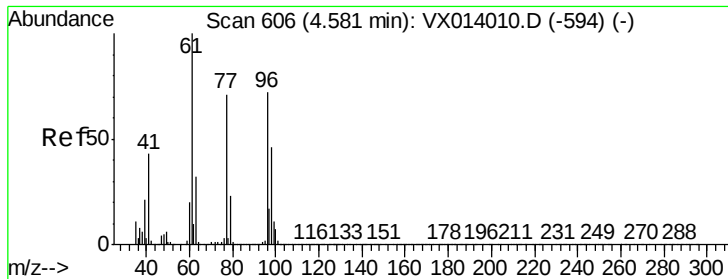
Tgt Ion: 77 Resp: 345010

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9



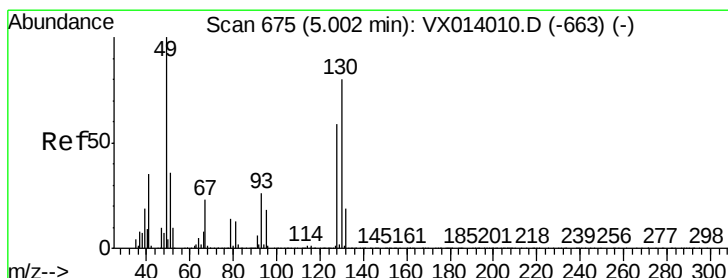
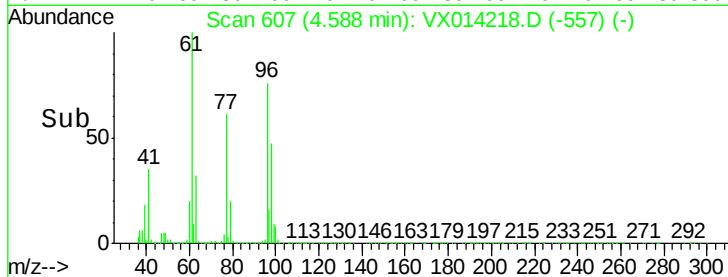
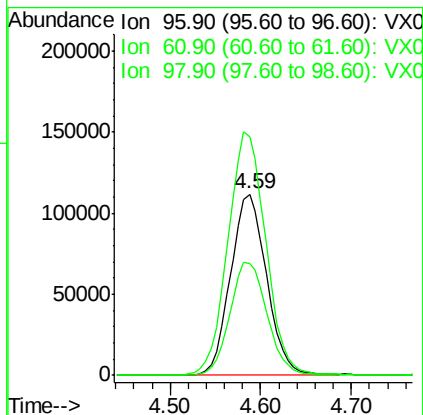
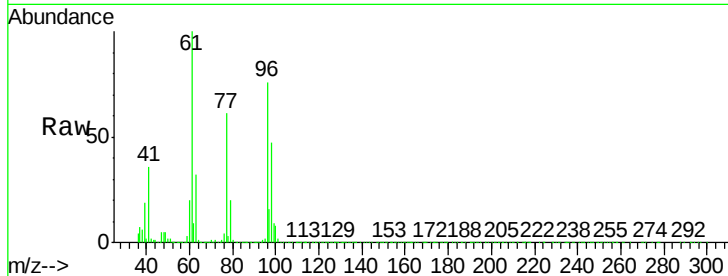


#27

cis-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

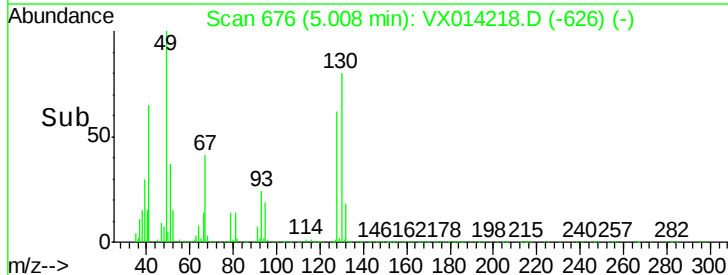
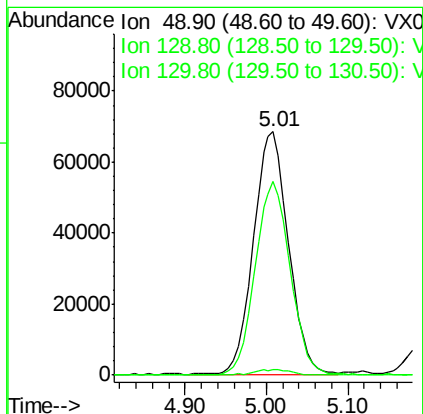
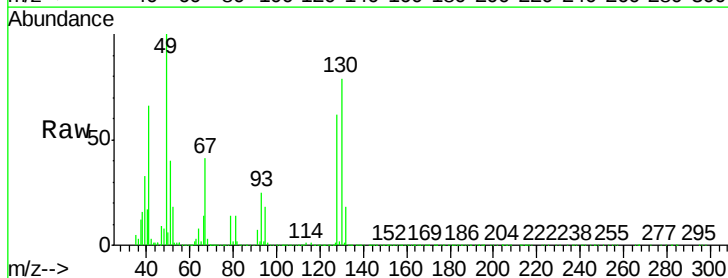
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	288.4
98	64.5	0.0	129.6

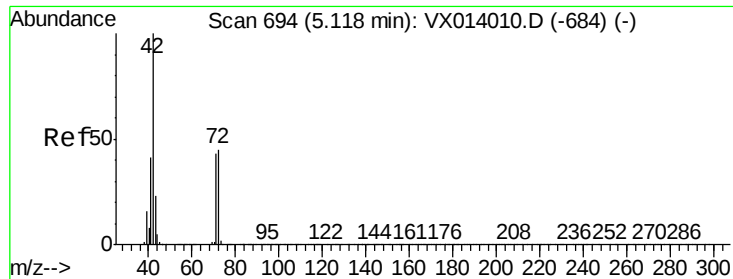


#28

Bromochloromethane
Concen: 54.060 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.8	64.6	97.0





#29

Tetrahydrofuran

Concen: 260.329 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

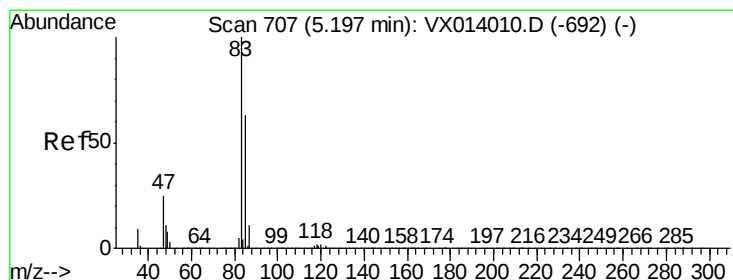
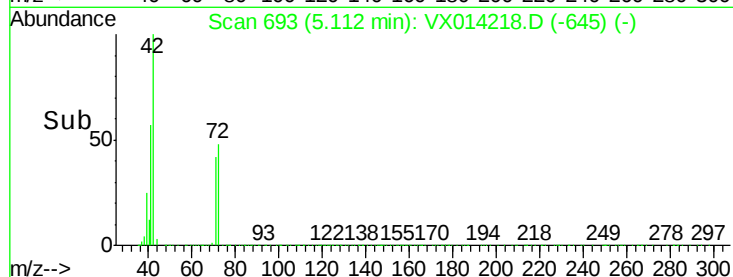
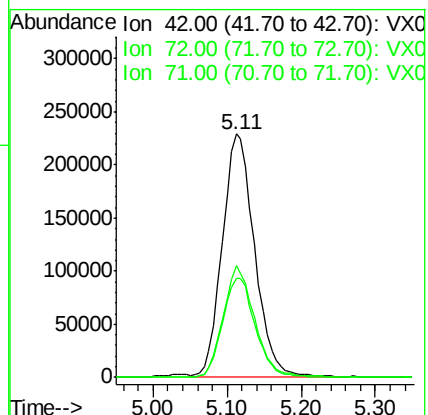
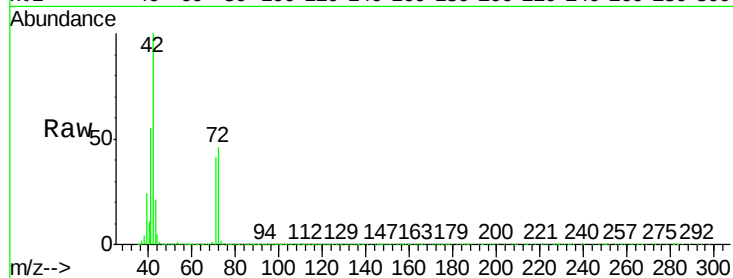
Tgt Ion: 42 Resp: 686842

Ion Ratio Lower Upper

42 100

72 44.9 35.8 53.8

71 41.4 33.6 50.4



#30

Chloroform

Concen: 50.407 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014218.D

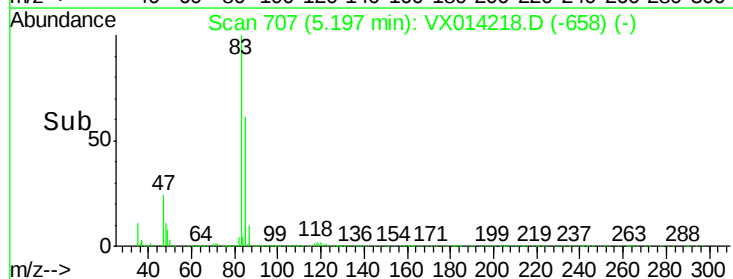
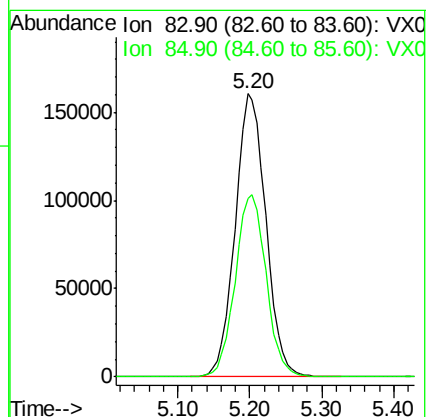
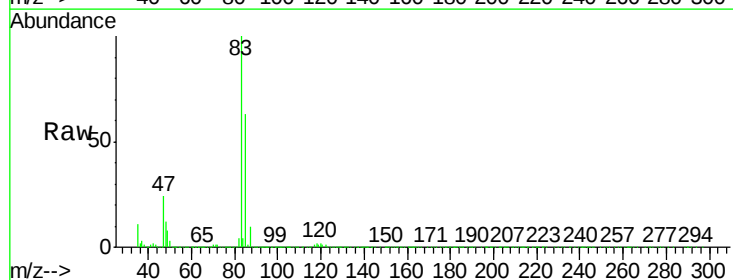
Acq: 23 Dec 2019 21:49

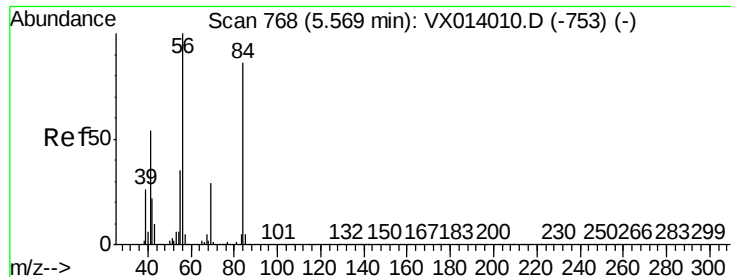
Tgt Ion: 83 Resp: 473136

Ion Ratio Lower Upper

83 100

85 63.1 50.8 76.2

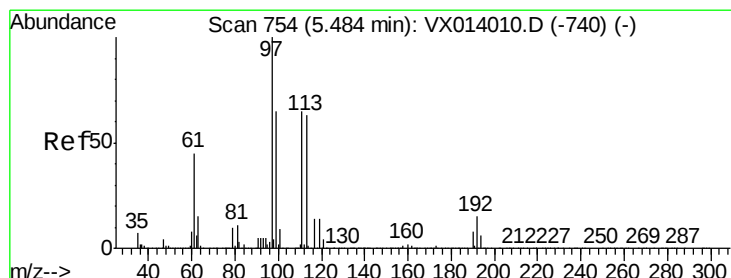
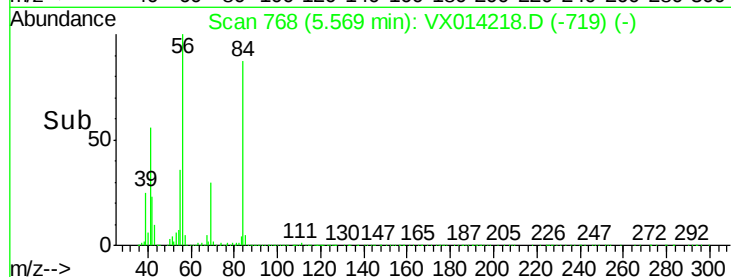
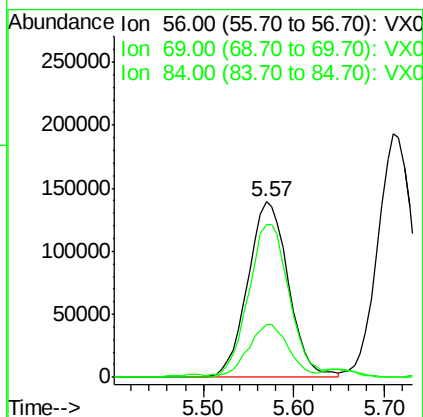
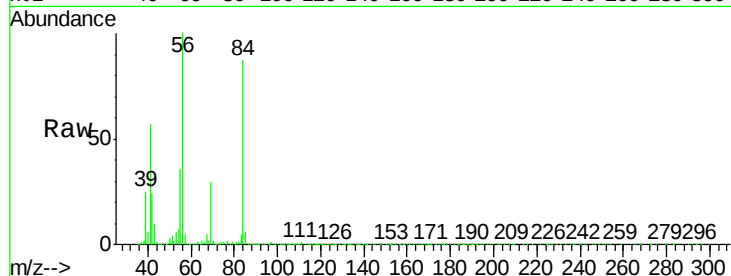




#31
Cyclohexane
Concen: 48.772 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

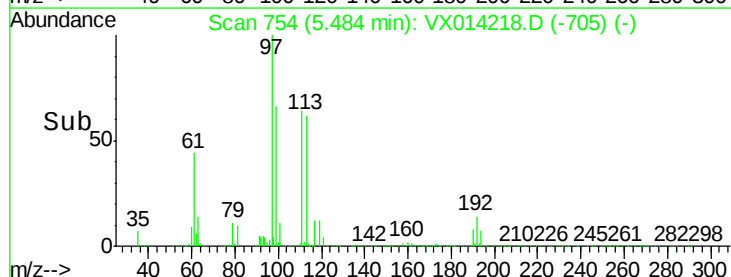
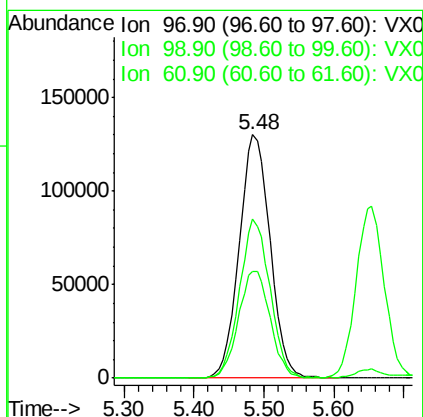
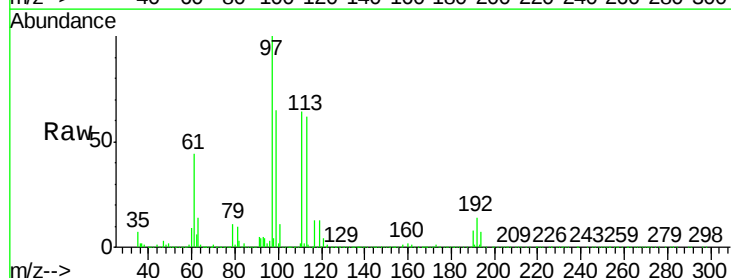
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

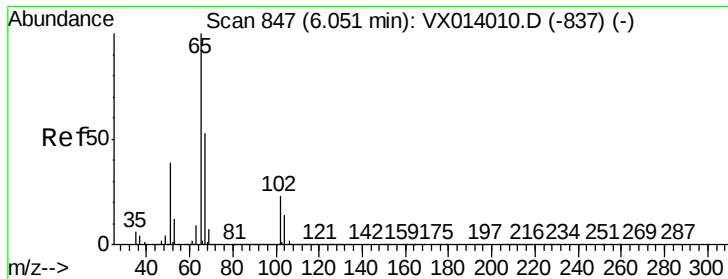
Tgt Ion: 56 Resp: 429500
Ion Ratio Lower Upper
56 100
69 30.1 23.2 34.8
84 85.5 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.674 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 97 Resp: 397382
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.6 36.7 55.1

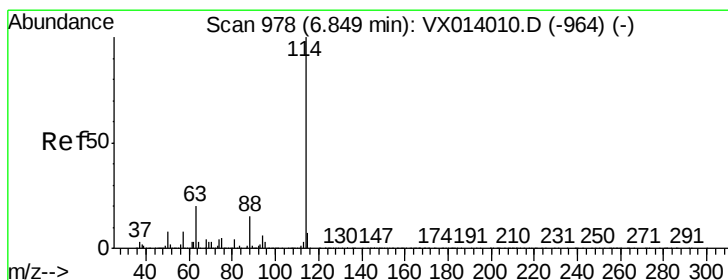
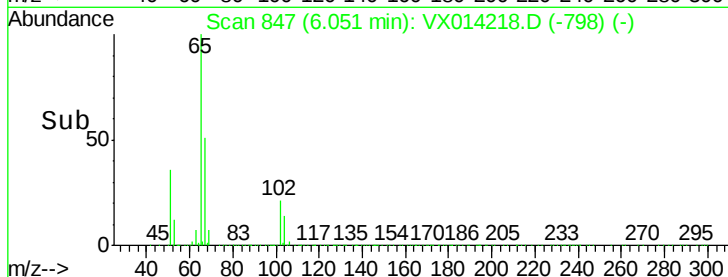
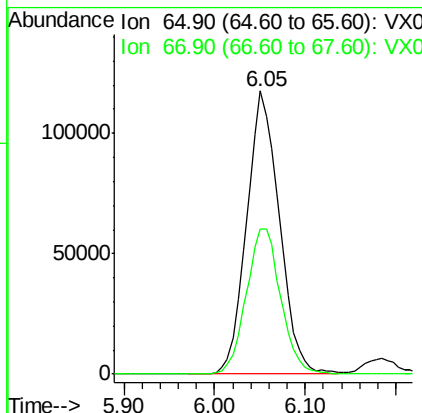
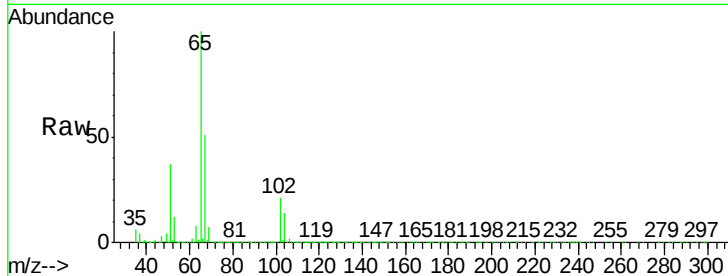




#33
 1,2-Dichloroethane-d4
 Concen: 49.615 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

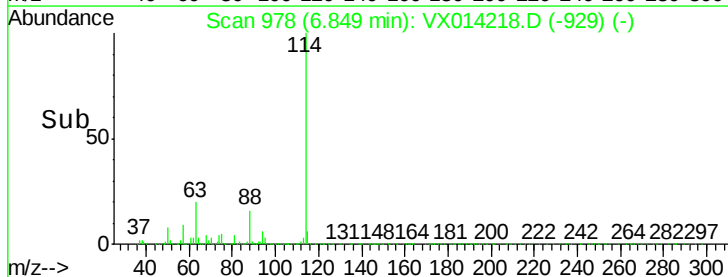
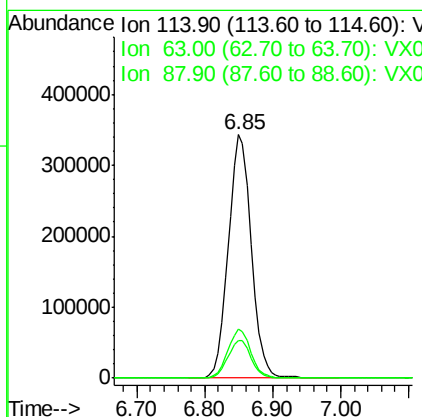
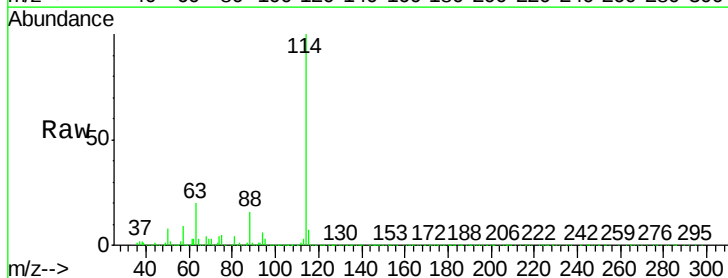
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

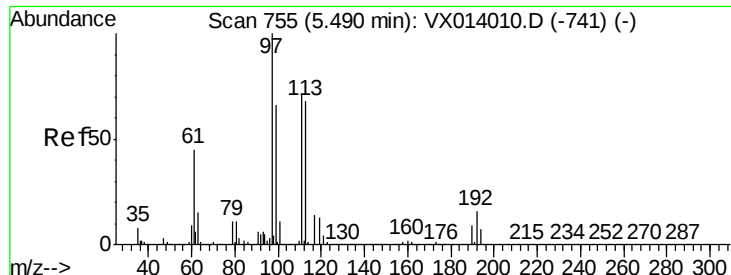
Tgt Ion: 65 Resp: 292394
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 114 Resp: 800672
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

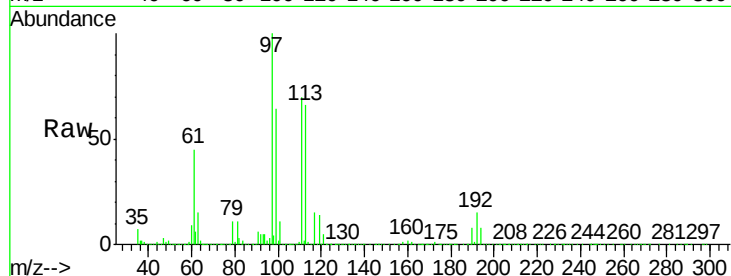
Tgt Ion: 113 Resp: 242055

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

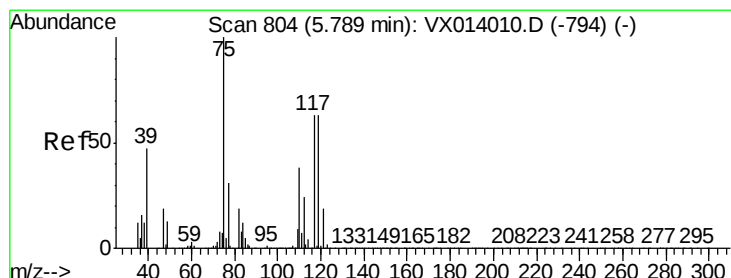
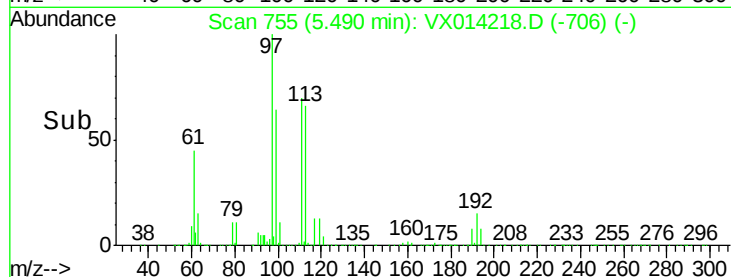
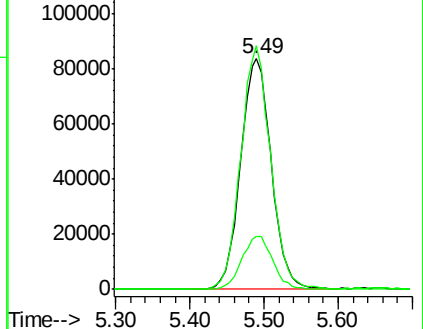
192 23.5 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.377 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

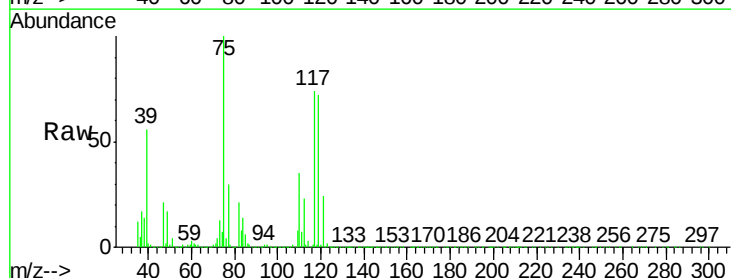
Tgt Ion: 75 Resp: 355407

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

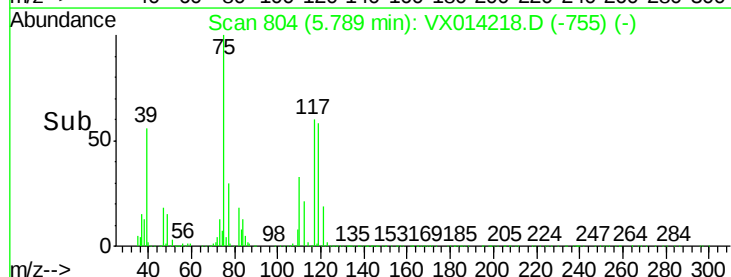
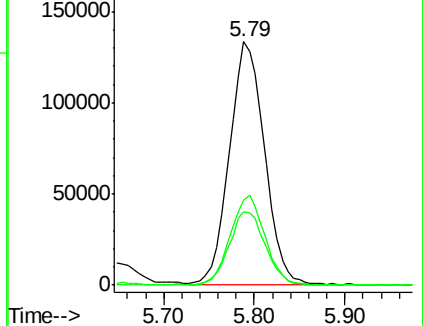
77 30.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

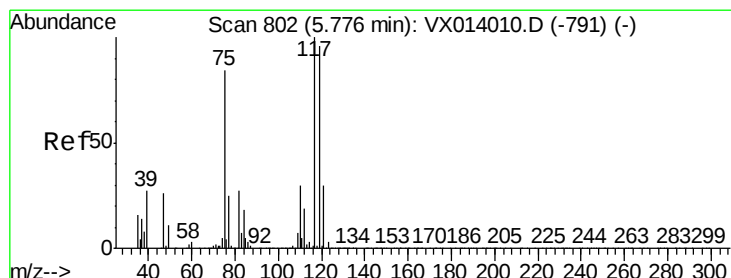
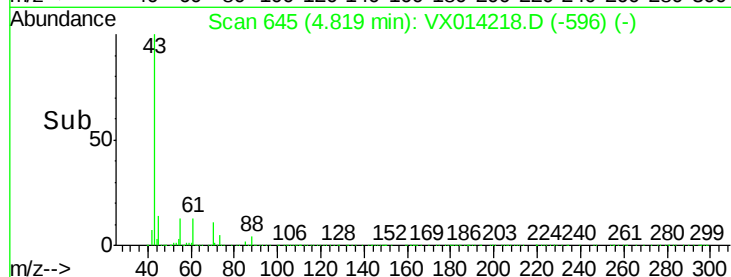
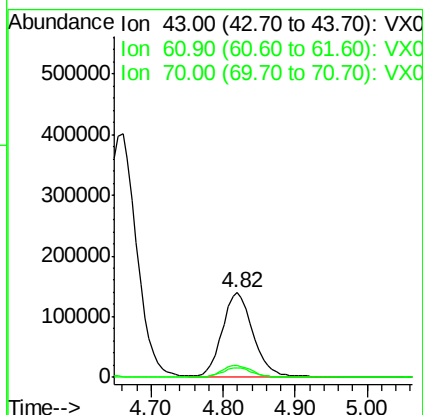
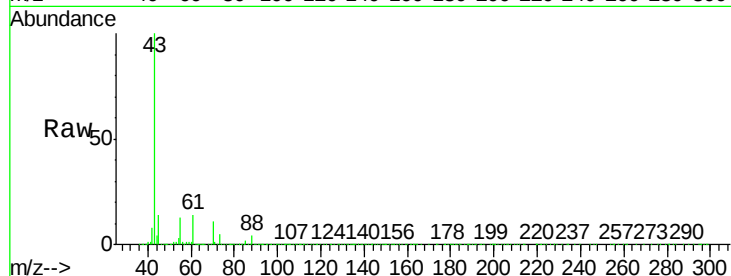




#37
Ethyl Acetate
Concen: 51.113 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

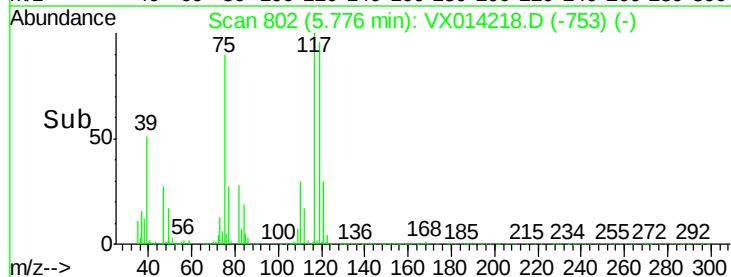
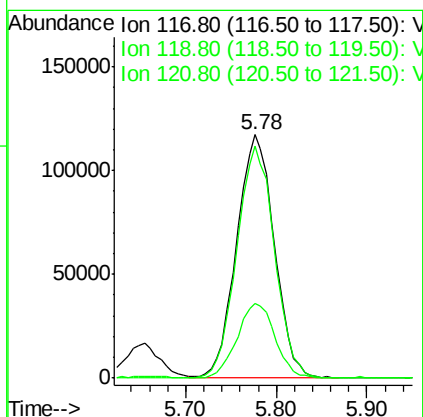
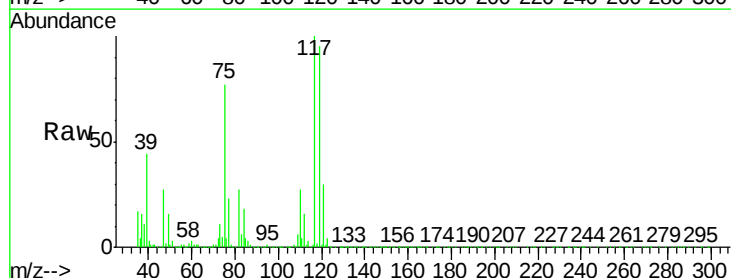
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

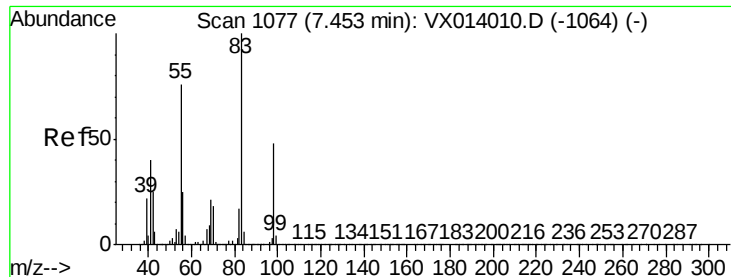
Tgt Ion: 43 Resp: 414665
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 11.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 50.253 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 117 Resp: 336330
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.4 23.6 35.4

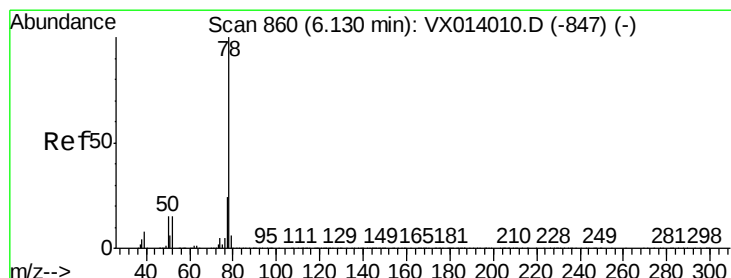
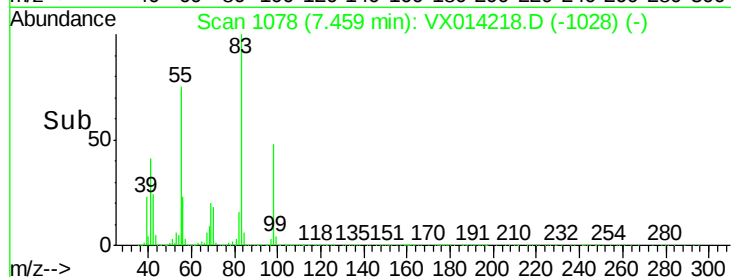
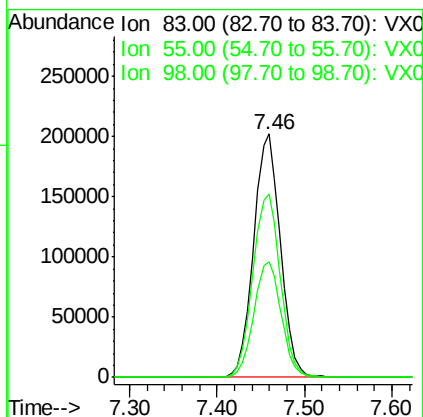
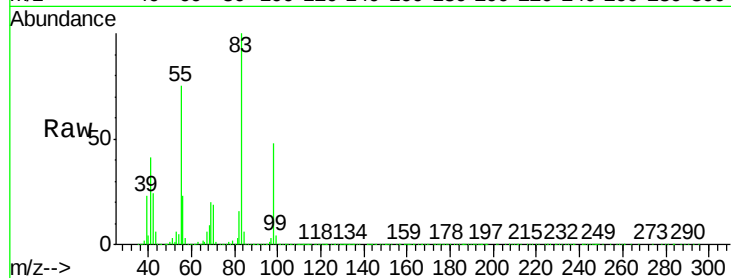




#39
Methylcyclohexane
Concen: 47.379 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

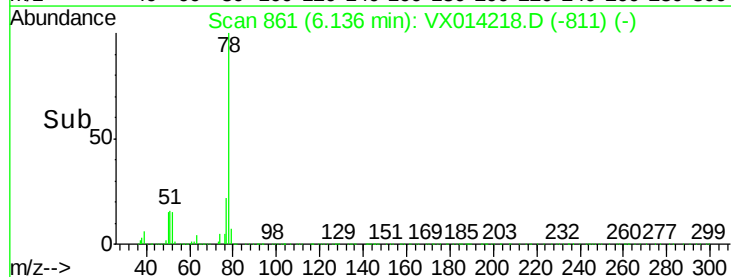
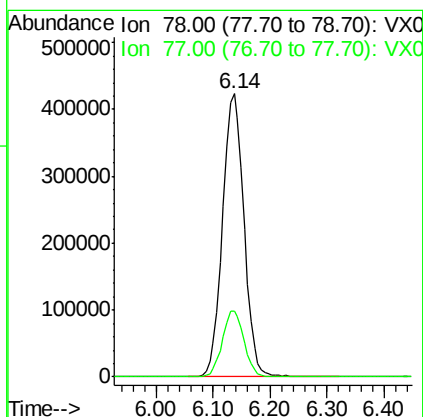
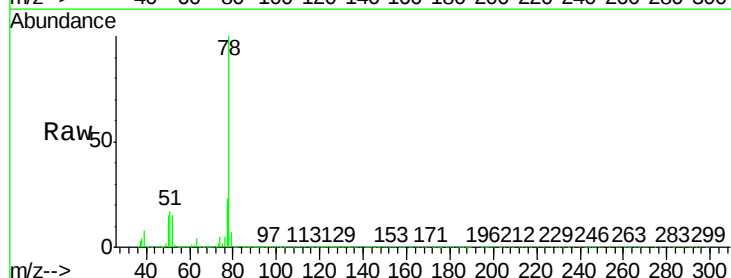
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 429792
Ion Ratio Lower Upper
83 100
55 75.3 61.0 91.6
98 47.6 38.6 57.8



#40
Benzene
Concen: 49.020 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 78 Resp: 1108090
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 51.836 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 233331

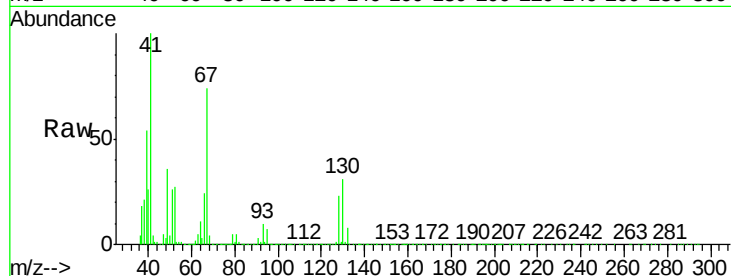
Ion Ratio Lower Upper

41 100

39 52.4 44.5 66.7

67 71.8 57.4 86.0

52 27.6 23.0 34.4

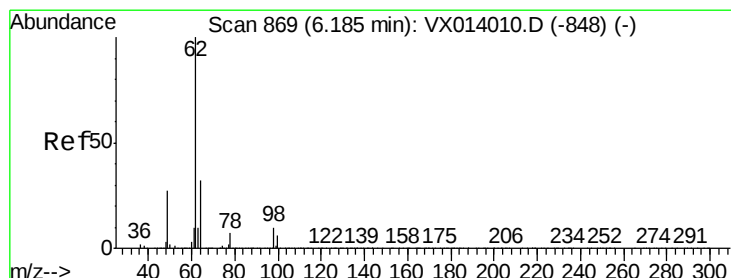
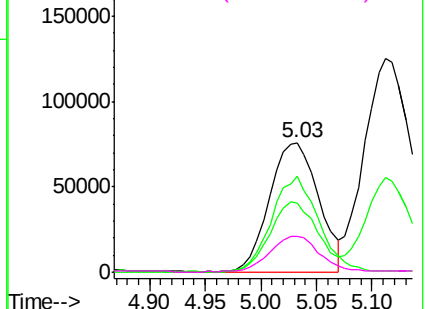
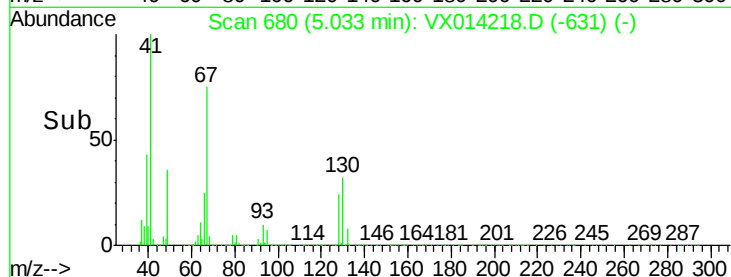


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.949 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014218.D

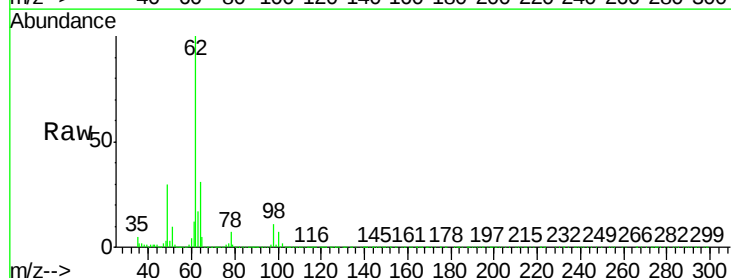
Acq: 23 Dec 2019 21:49

Tgt Ion: 62 Resp: 382729

Ion Ratio Lower Upper

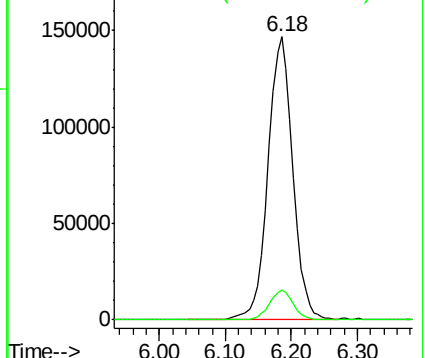
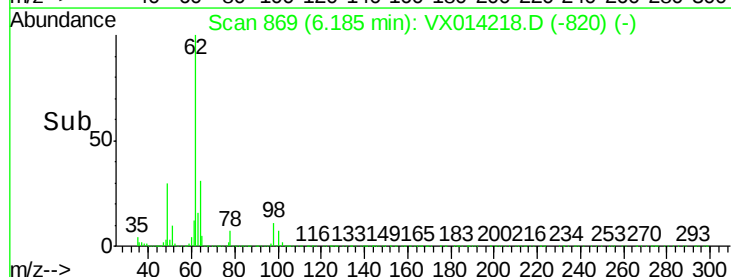
62 100

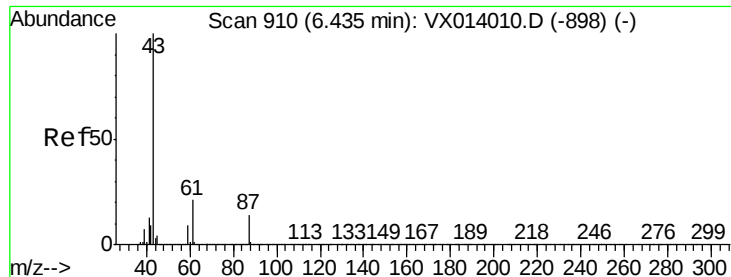
98 10.1 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



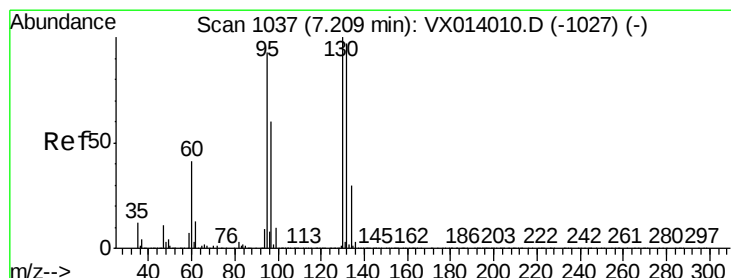
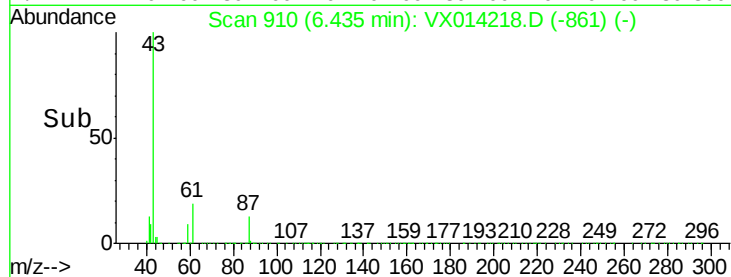
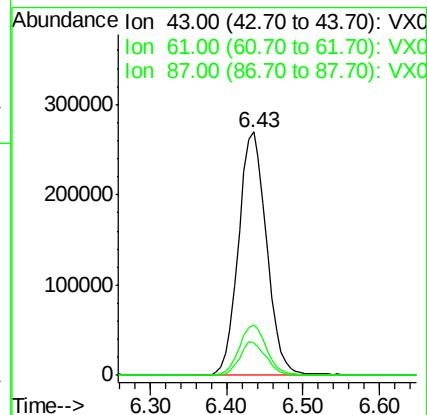
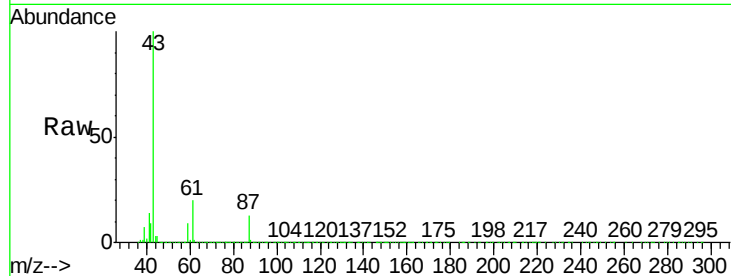


#43

Isopropyl Acetate
 Concen: 50.930 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

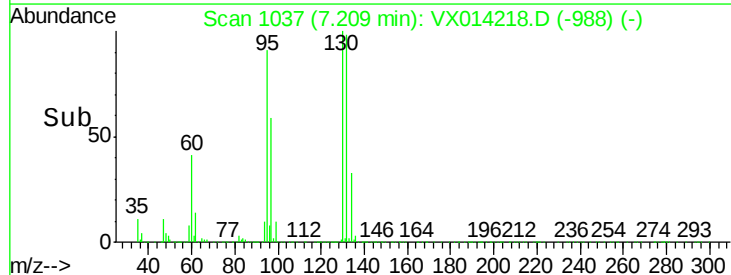
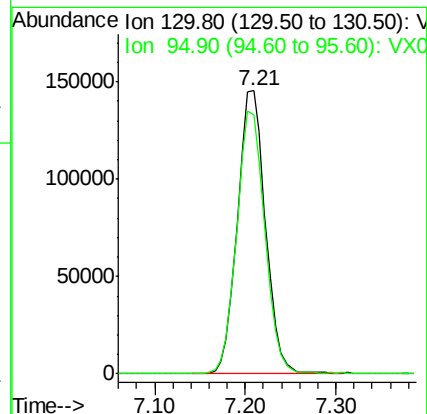
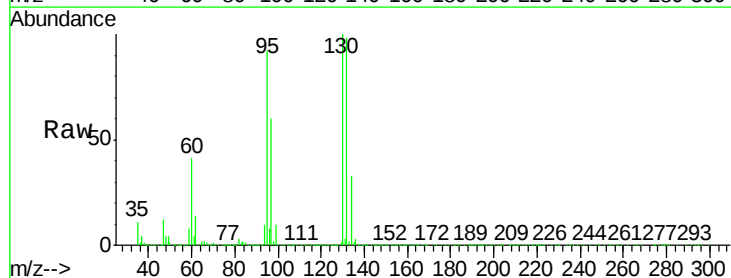
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	13.2	10.7	16.1



#44

Trichloroethene
 Concen: 49.942 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.6

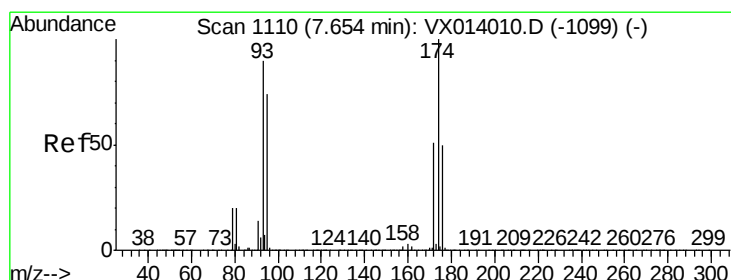
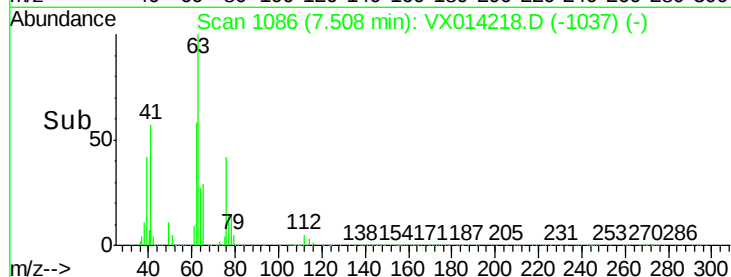
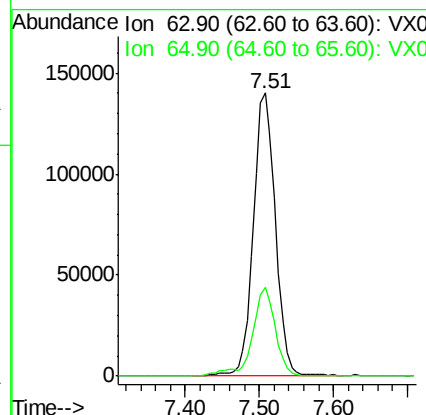
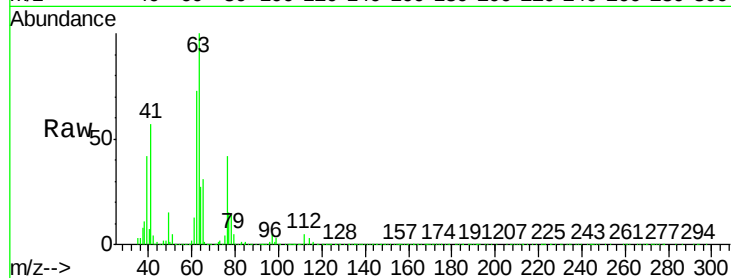




#45
 1,2-Dichloropropane
 Concen: 50.187 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

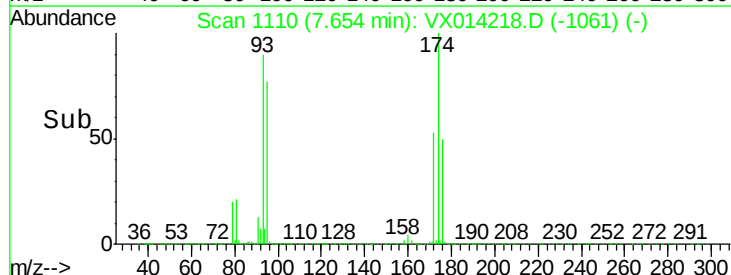
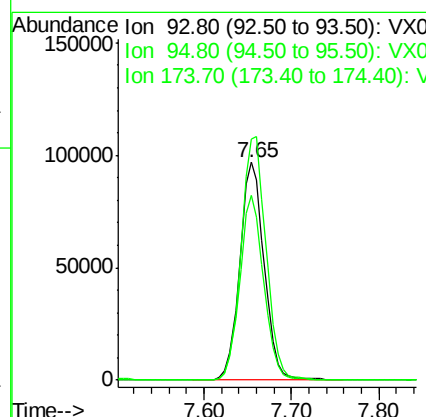
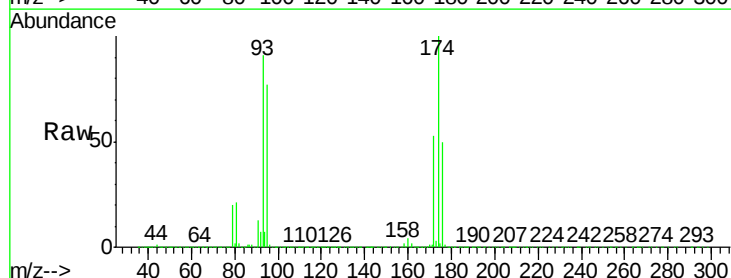
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

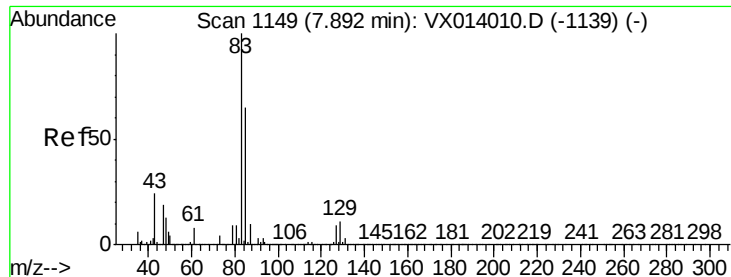
Tgt Ion: 63 Resp: 290771
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.8 38.8



#46
 Dibromomethane
 Concen: 48.715 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 93 Resp: 186605
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.3 100.9
 174 115.2 91.6 137.4





#47

Bromodichloromethane

Concen: 50.968 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

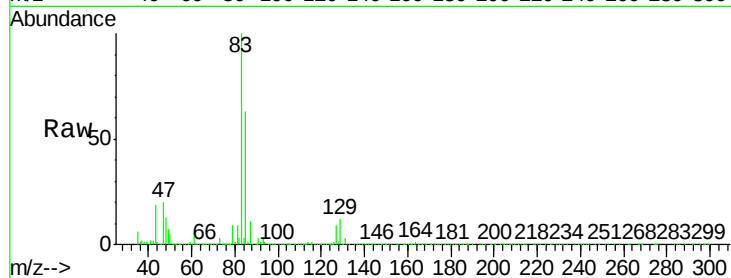
Tgt Ion: 83 Resp: 367700

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.8

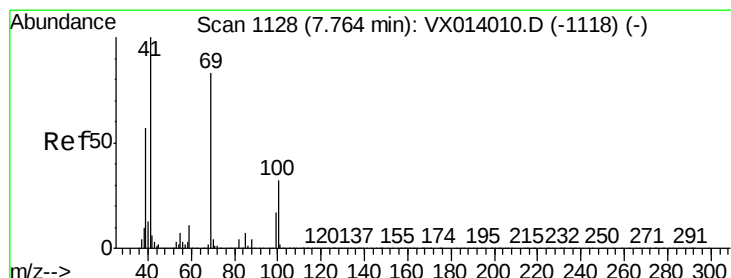
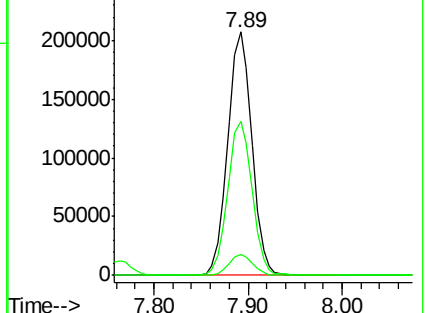
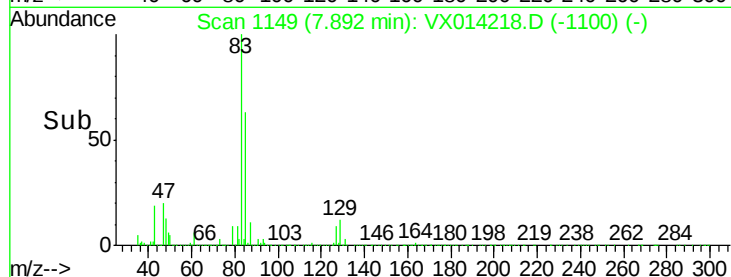
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.748 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

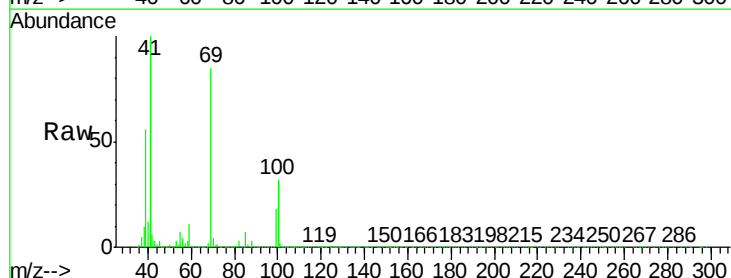
Tgt Ion: 41 Resp: 333640

Ion Ratio Lower Upper

41 100

69 82.2 65.8 98.6

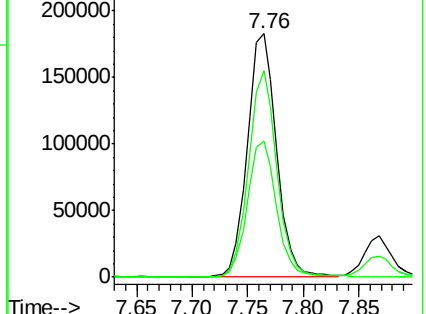
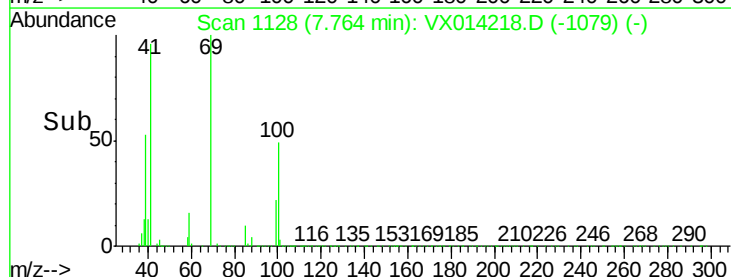
39 55.2 44.6 67.0

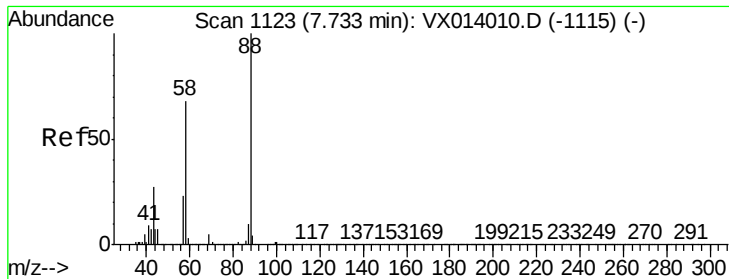


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 948.335 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

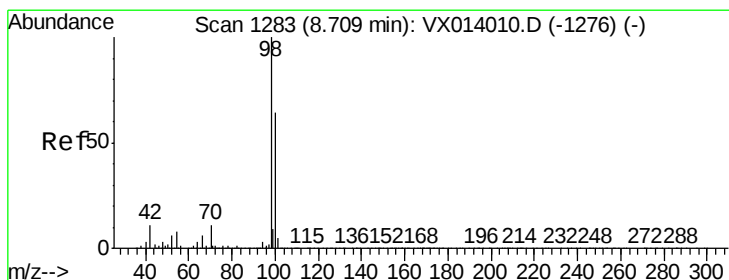
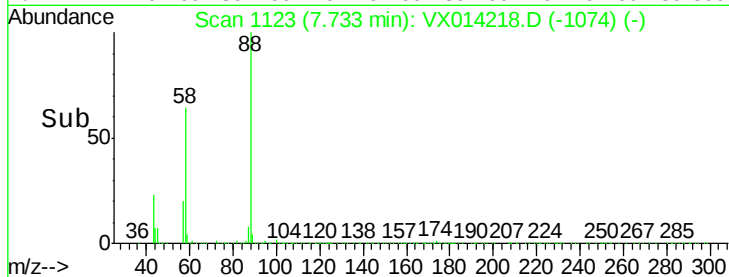
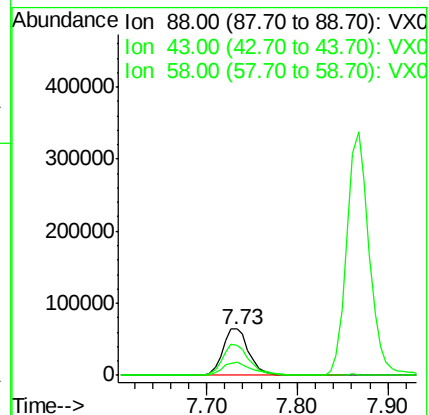
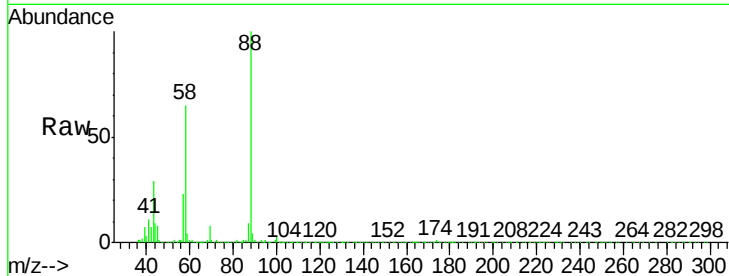
Tgt Ion: 88 Resp: 126879

Ion Ratio Lower Upper

88 100

43 32.5 26.5 39.7

58 69.3 56.8 85.2



#50

Toluene-d8

Concen: 50.060 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014218.D

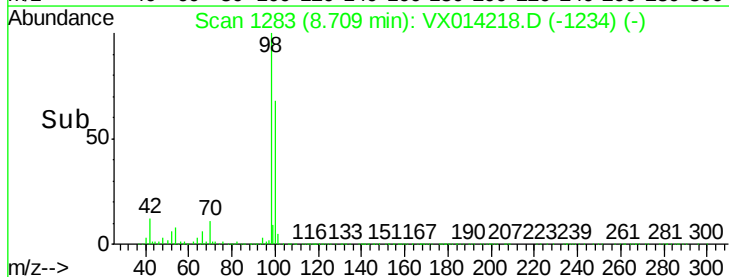
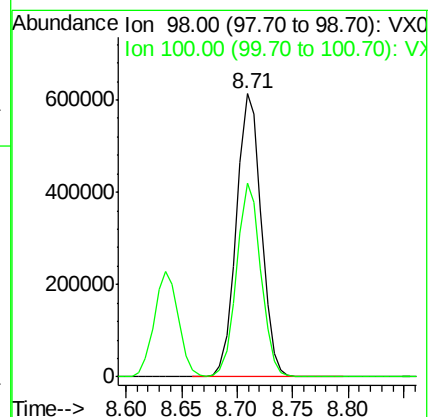
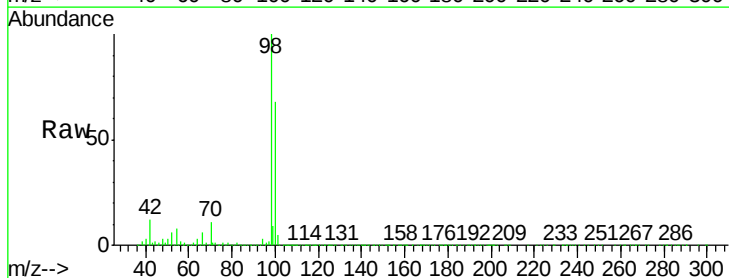
Acq: 23 Dec 2019 21:49

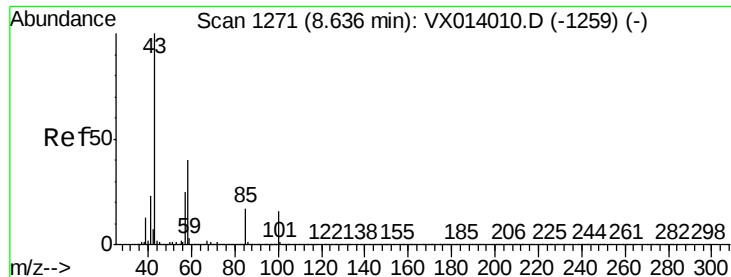
Tgt Ion: 98 Resp: 948595

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

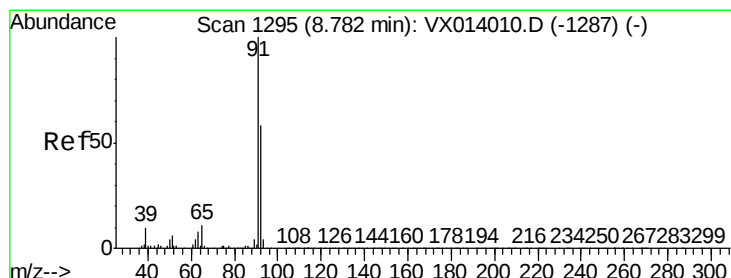
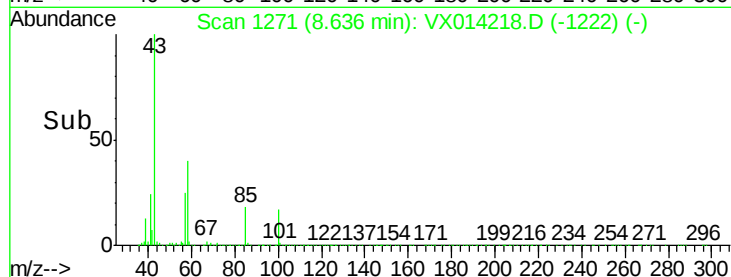
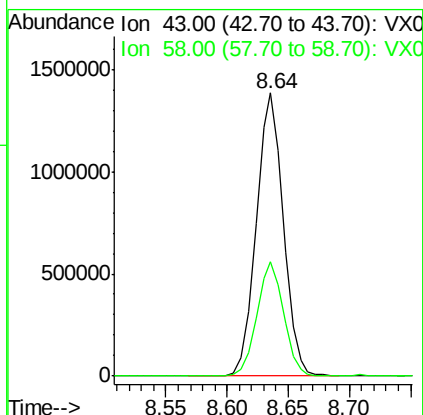
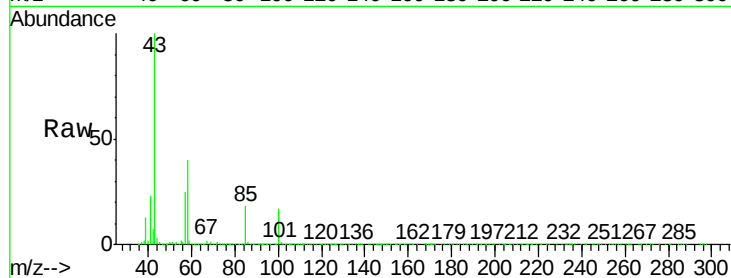




#51
 4-Methyl-2-Pentanone
 Concen: 253.578 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

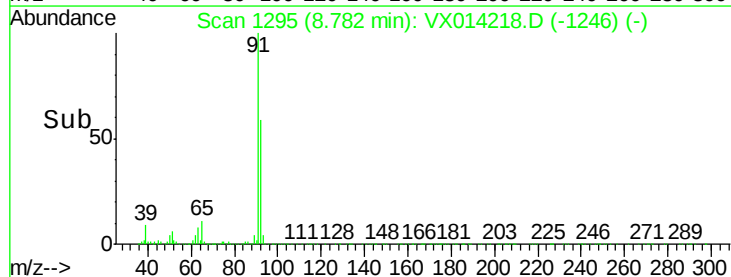
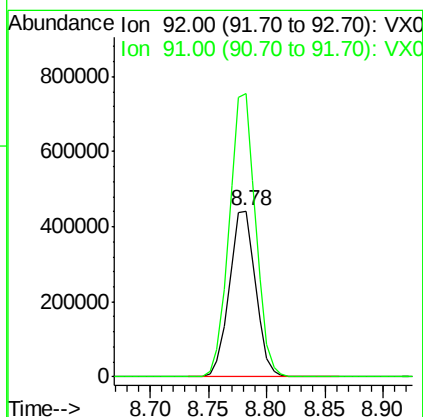
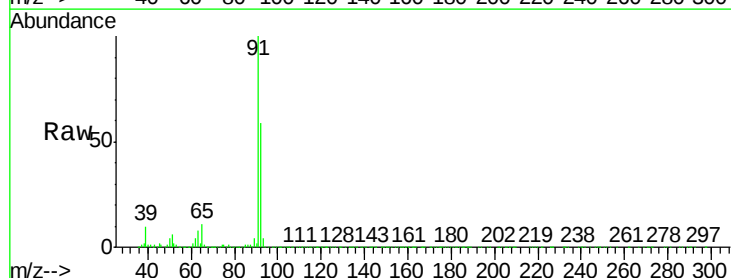
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

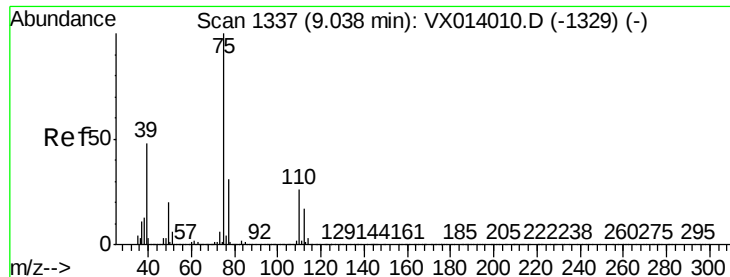
Tgt Ion: 43 Resp: 2138142
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.2



#52
 Toluene
 Concen: 48.689 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 92 Resp: 695650
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.2 204.4

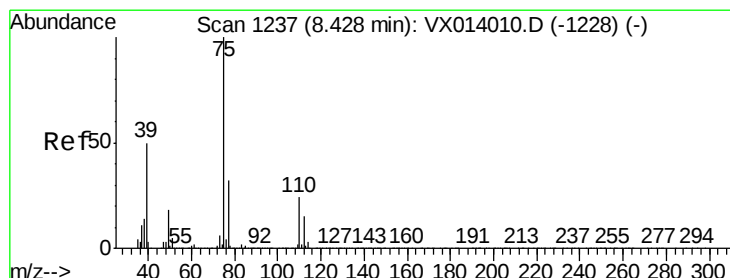
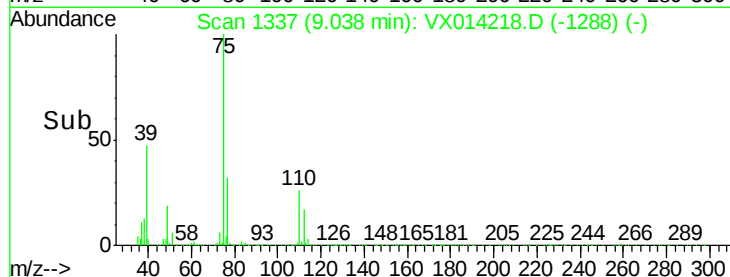
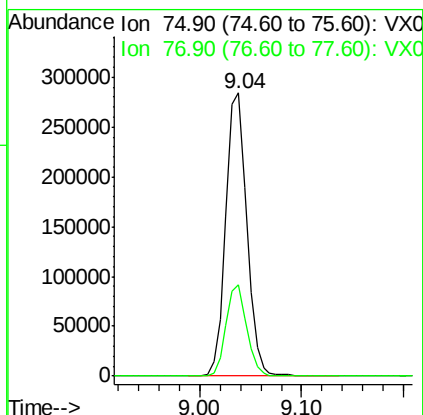
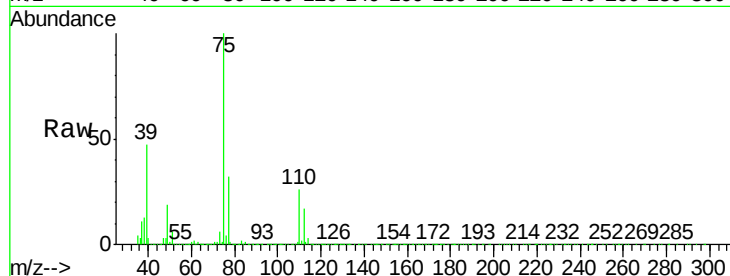




#53
t-1,3-Dichloropropene
Concen: 51.211 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

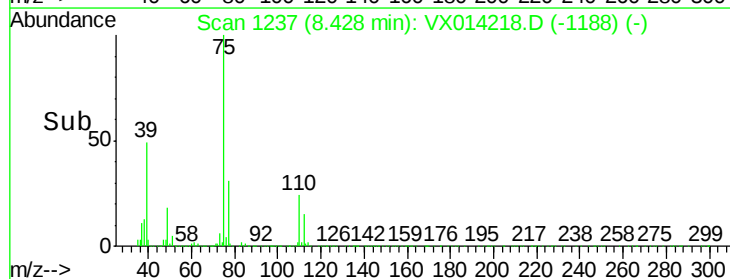
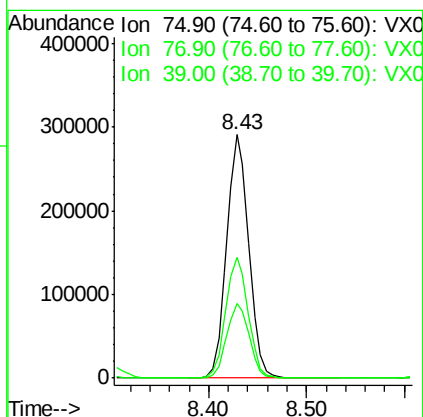
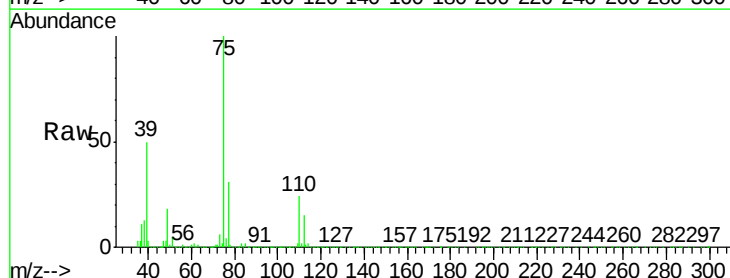
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 405109
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.545 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 75 Resp: 454259
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 49.6 39.9 59.9

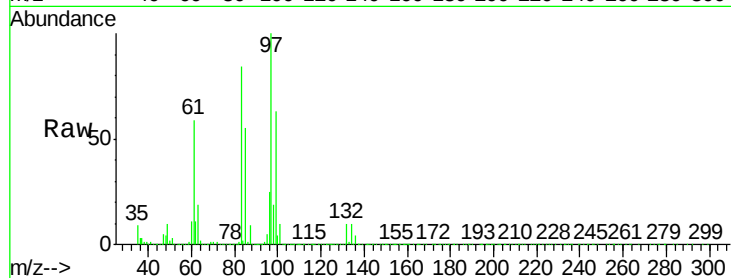




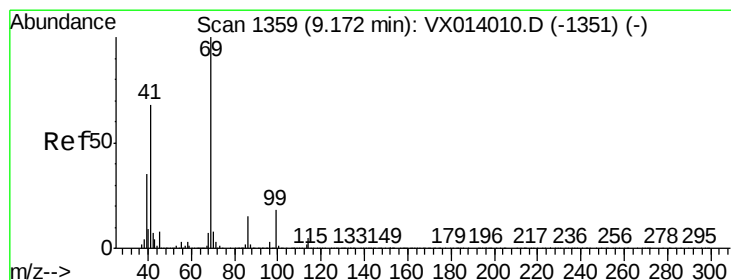
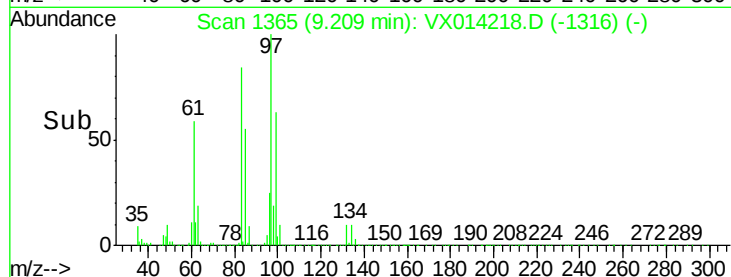
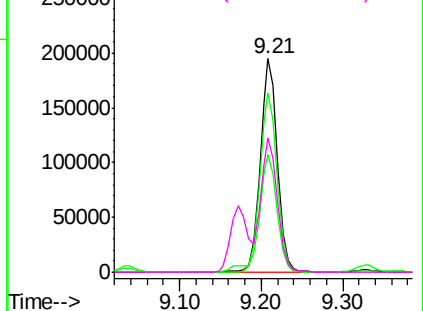
#55
 1,1,2-Trichloroethane
 Concen: 50.302 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	288047
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	55.2	44.6	66.8
99	63.1	51.4	77.0

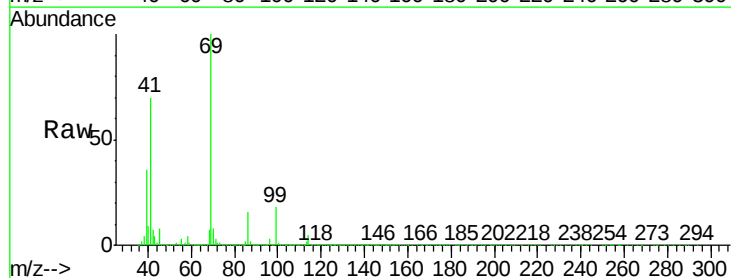


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

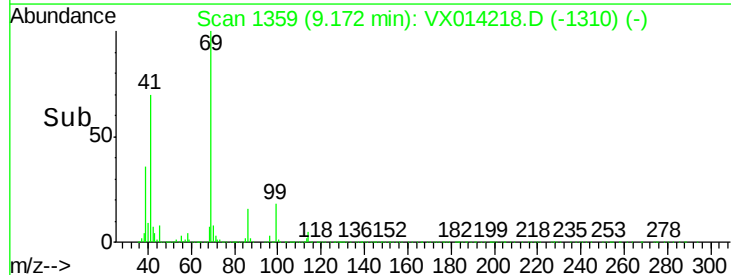
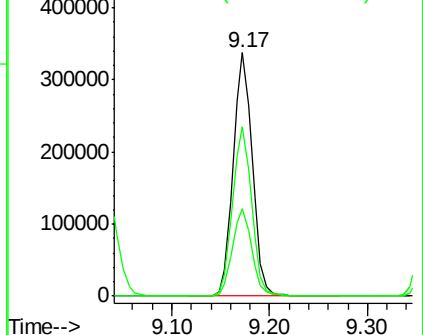


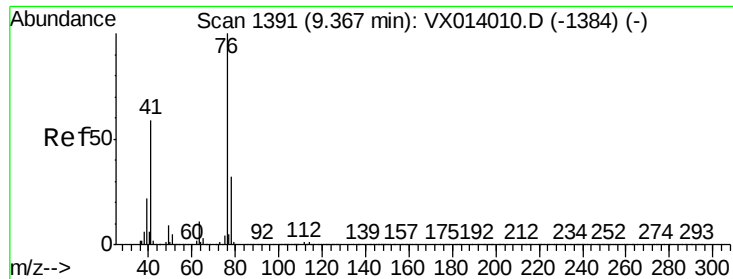
#56
 Ethyl methacrylate
 Concen: 51.258 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion:	69	Resp:	461074
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.8	82.2
39	35.9	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.028 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

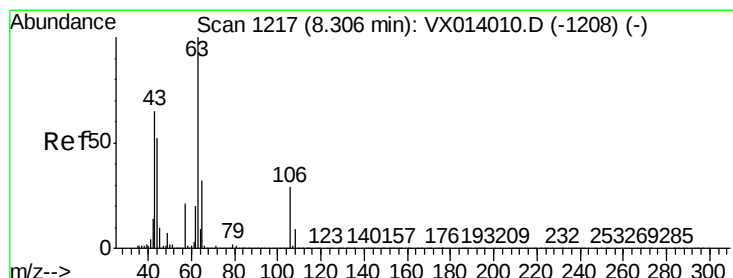
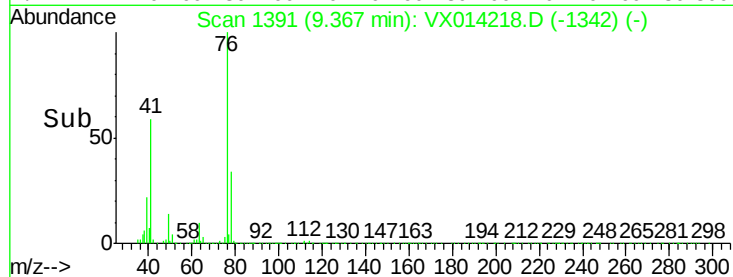
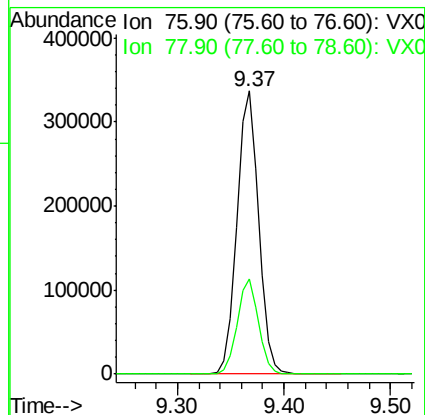
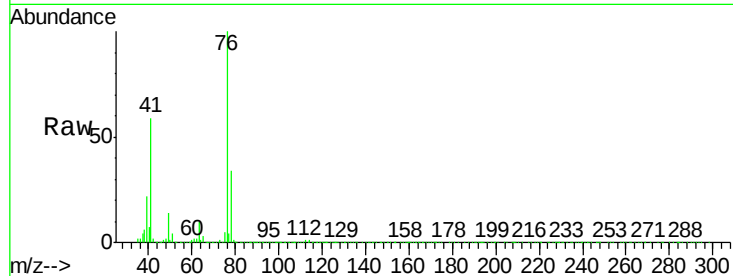
VSTDCCC050

Tgt Ion: 76 Resp: 482003

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.521 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014218.D

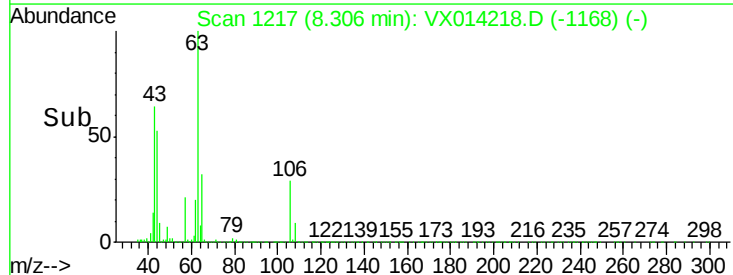
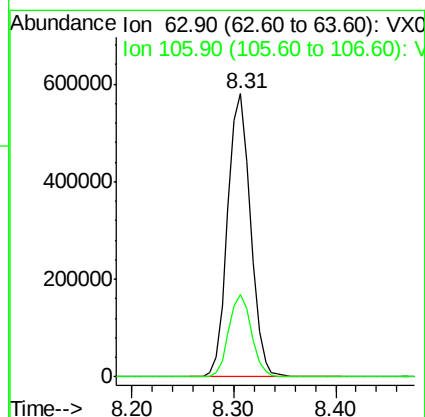
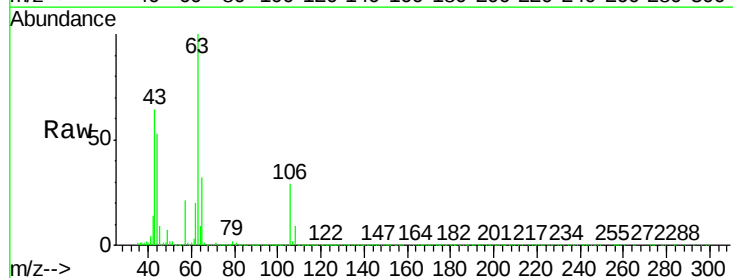
Acq: 23 Dec 2019 21:49

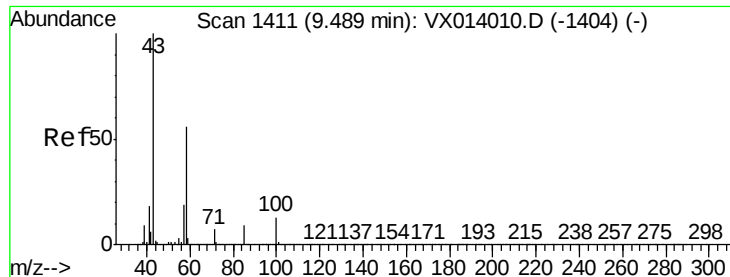
Tgt Ion: 63 Resp: 900457

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.6





#59

2-Hexanone

Concen: 243.476 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

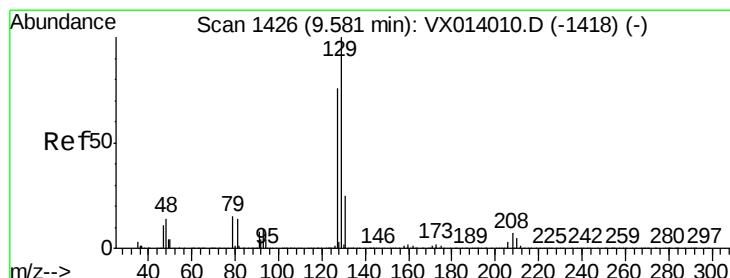
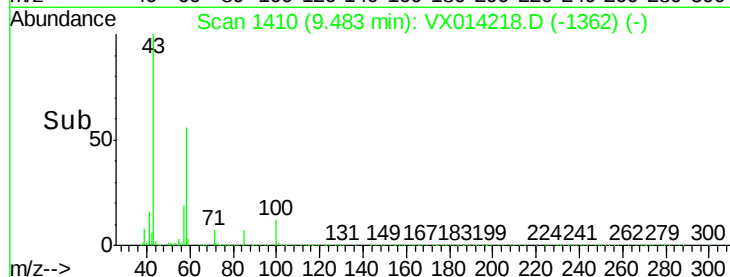
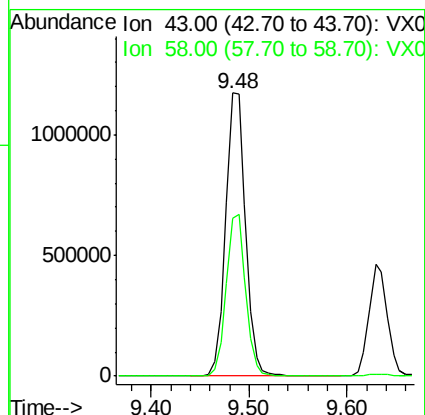
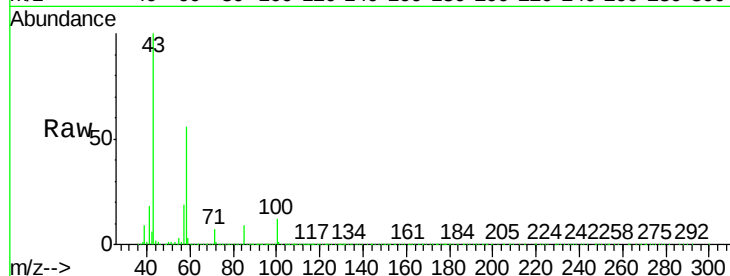
VSTDCCC050

Tgt Ion: 43 Resp: 1652641

Ion Ratio Lower Upper

43 100

58 56.1 28.0 84.0



#60

Dibromochloromethane

Concen: 52.278 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014218.D

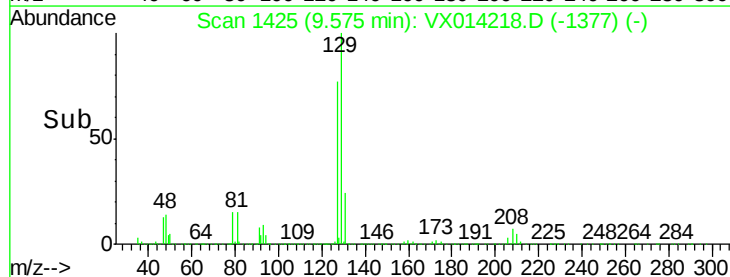
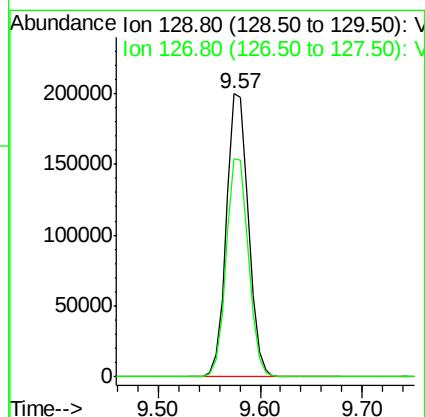
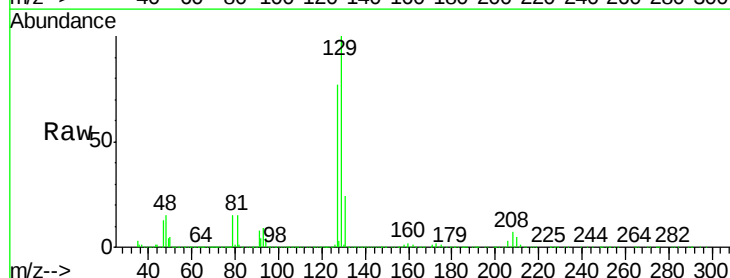
Acq: 23 Dec 2019 21:49

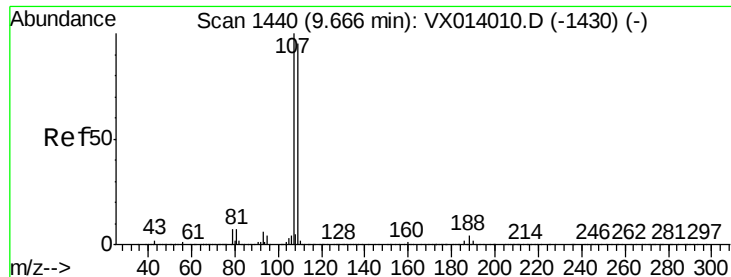
Tgt Ion: 129 Resp: 297567

Ion Ratio Lower Upper

129 100

127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.106 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

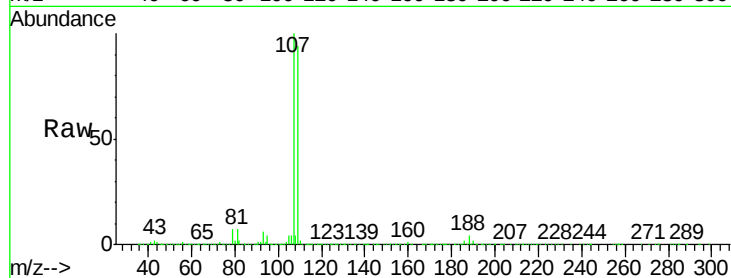
VSTDCCC050

Tgt Ion: 107 Resp: 299429

Ion Ratio Lower Upper

107 100

109 93.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

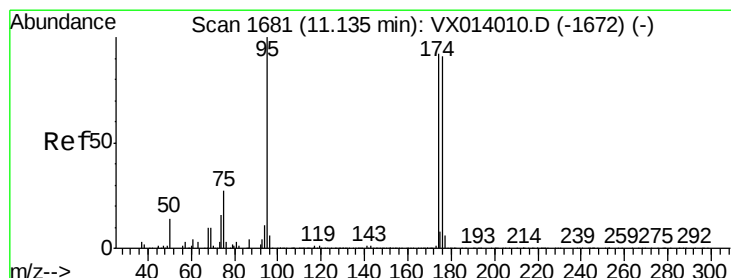
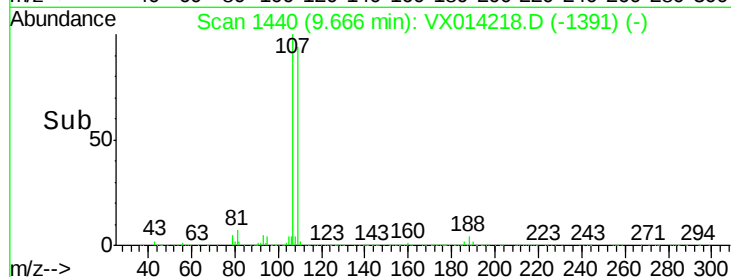
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.769 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

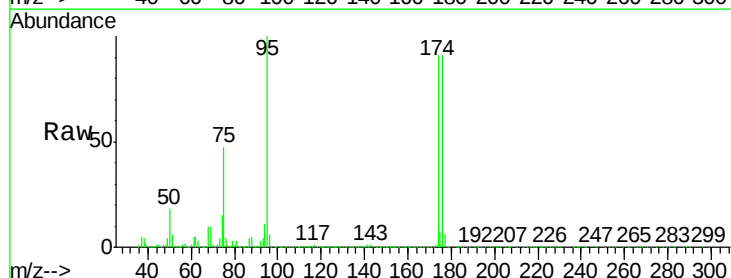
Tgt Ion: 95 Resp: 337815

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

176 86.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

300000

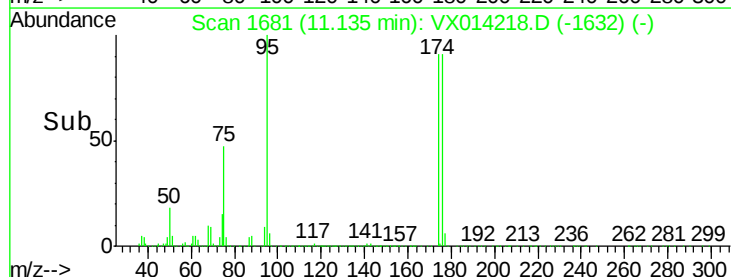
200000

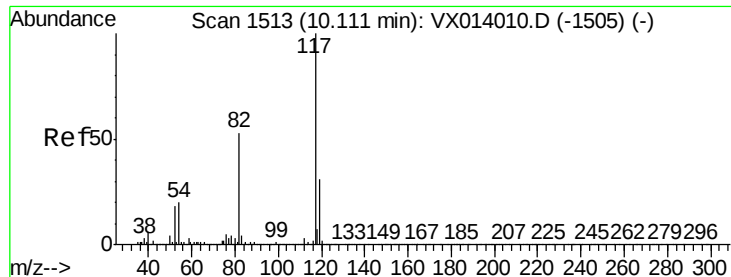
100000

0

Time-->

11.00 11.10 11.20

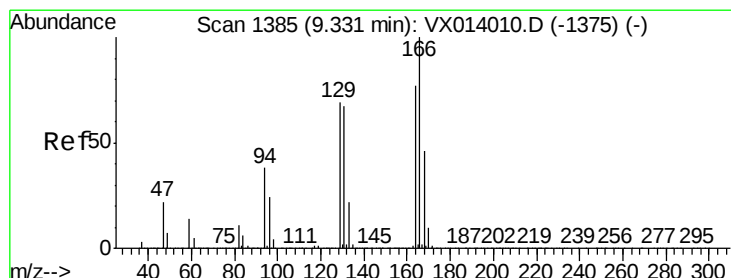
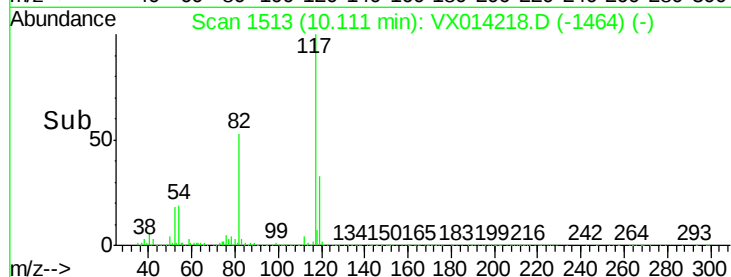
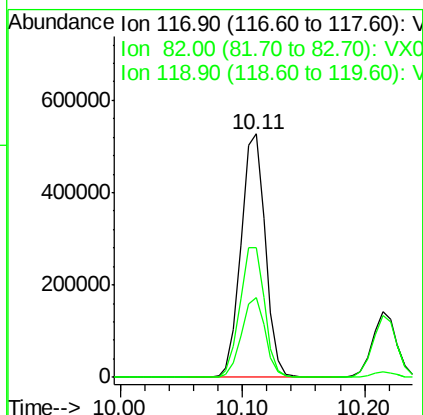
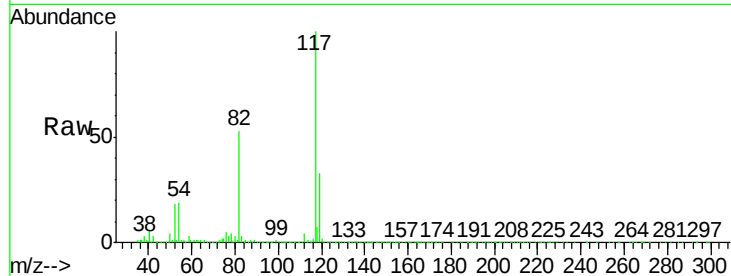




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

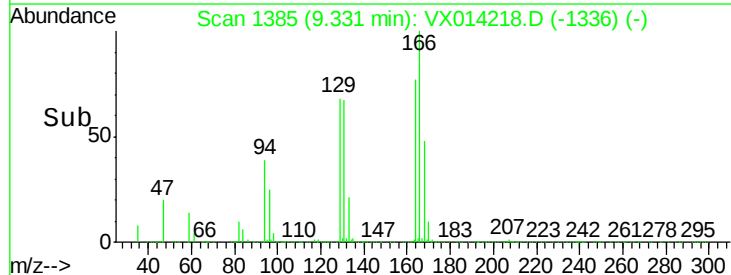
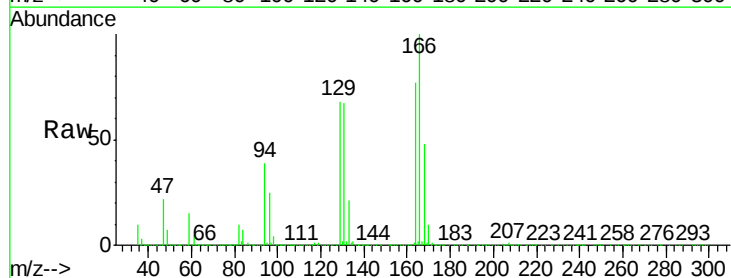
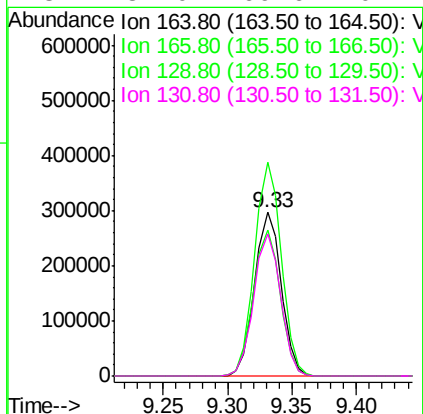
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.9	25.1	37.7



#64
Tetrachloroethene
Concen: 66.400 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	104.0	156.0
129	89.0	72.2	108.4
131	87.0	69.6	104.4





#65

Chlorobenzene

Concen: 48.857 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

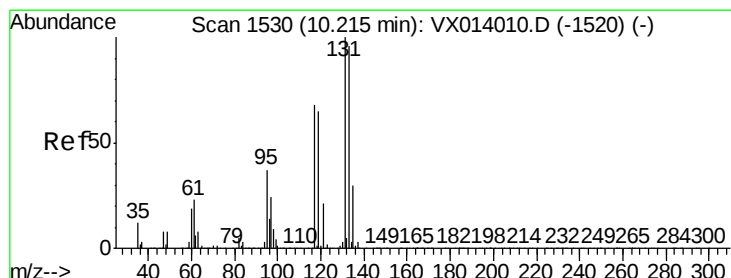
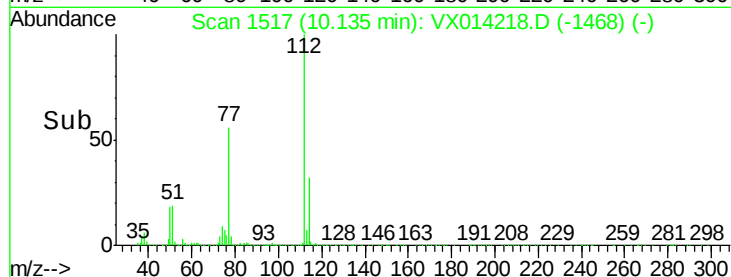
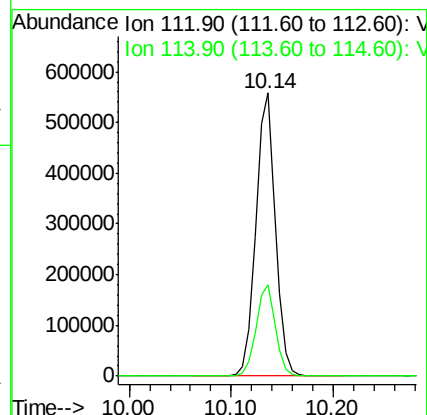
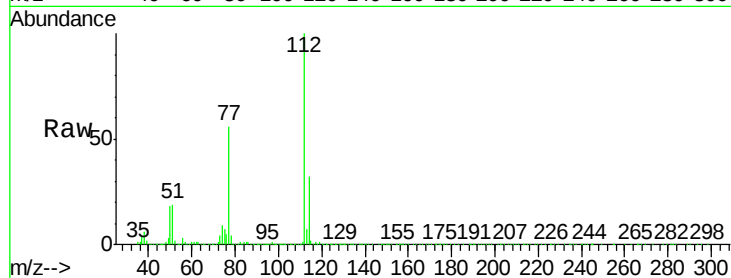
VSTDCCC050

Tgt Ion:112 Resp: 750130

Ion Ratio Lower Upper

112 100

114 32.2 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.978 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

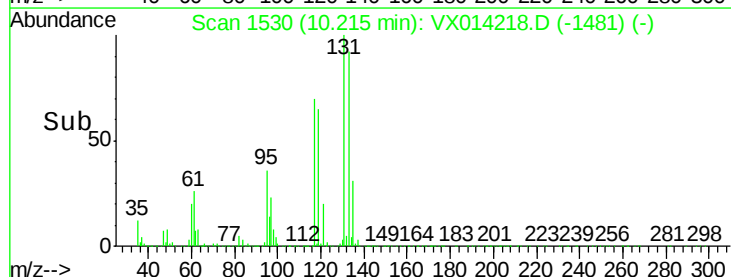
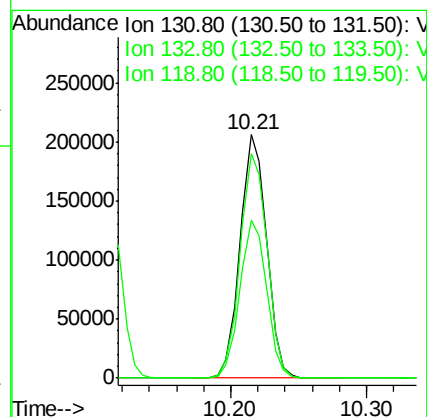
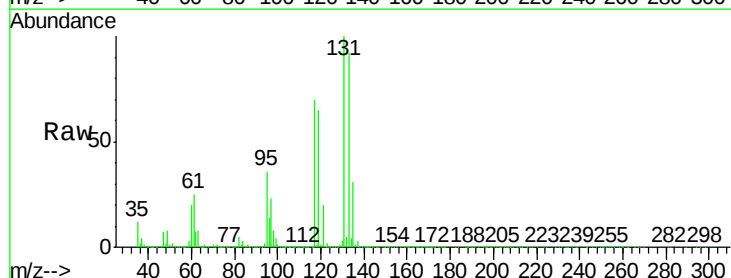
Tgt Ion:131 Resp: 279466

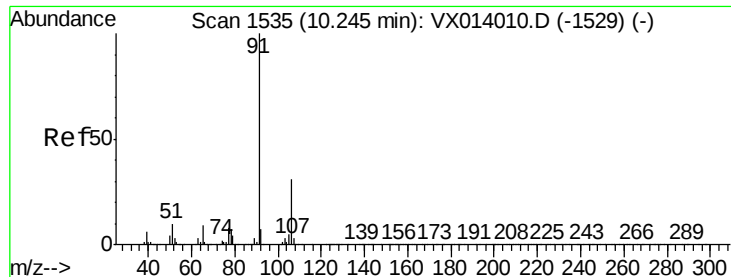
Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.0

119 65.6 33.4 100.2

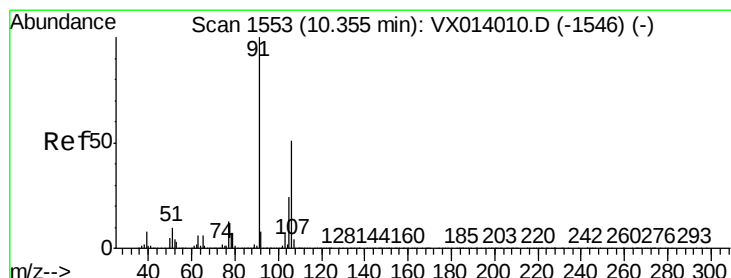
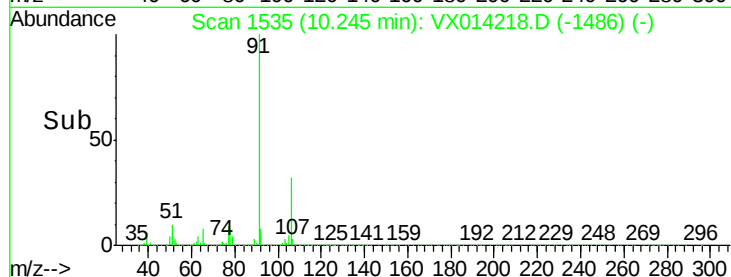
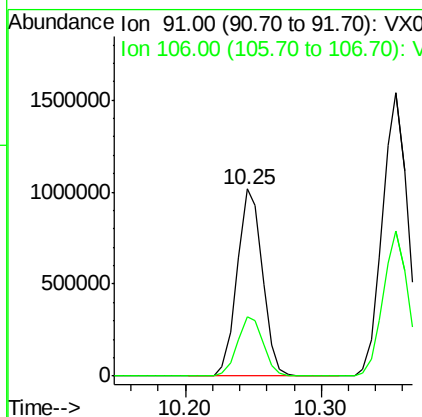
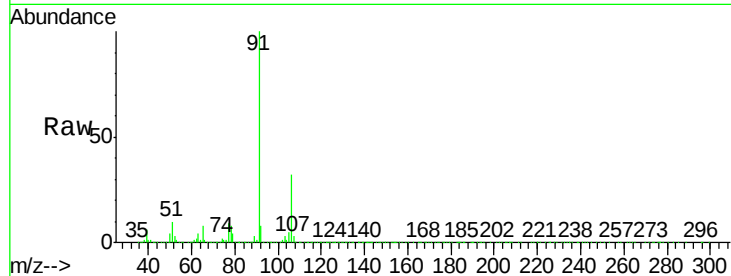




#67
Ethyl Benzene
Concen: 49.826 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

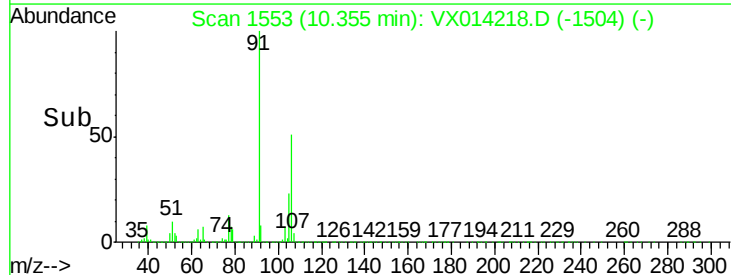
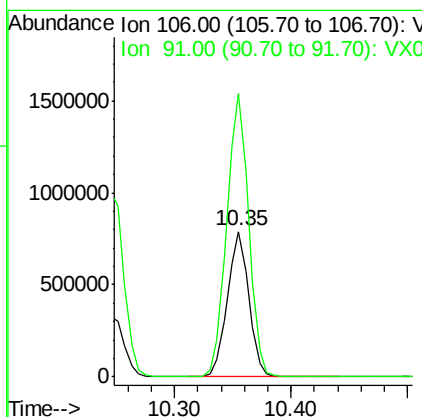
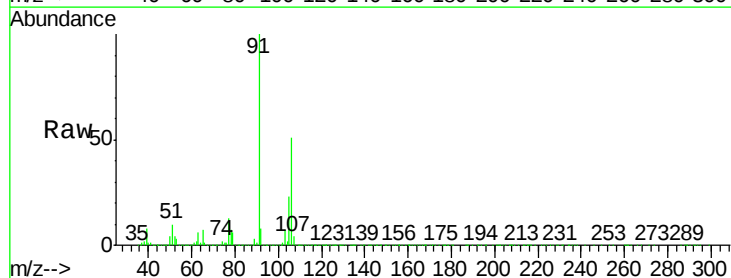
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

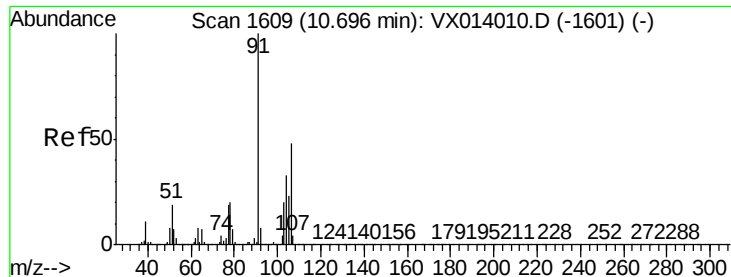
Tgt Ion: 91 Resp: 1315242
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 99.306 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 106 Resp: 1008203
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0

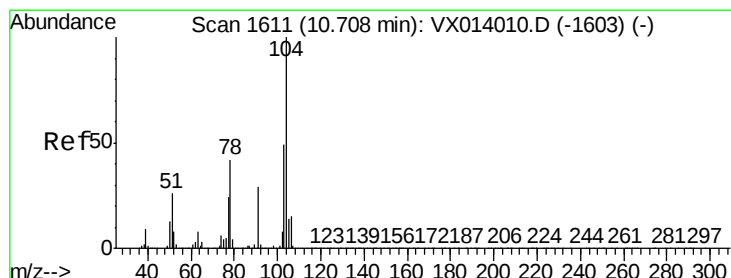
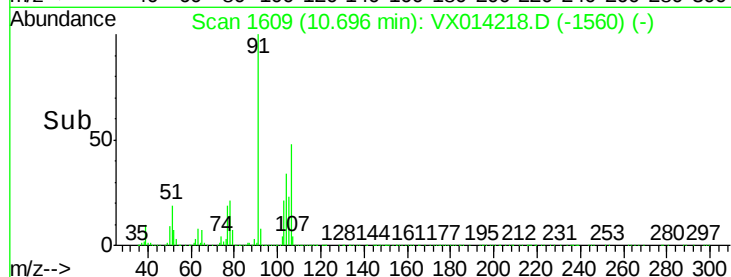
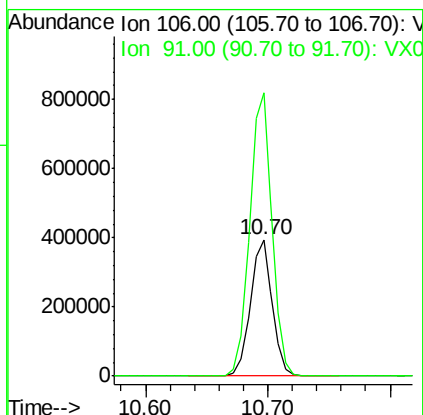
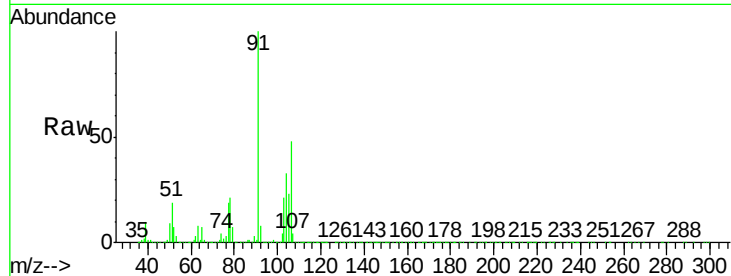




#69
o-Xylene
Concen: 49.272 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

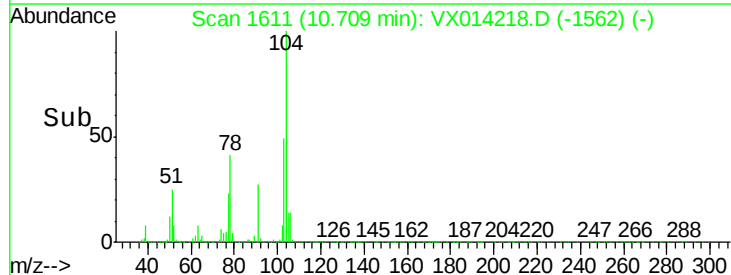
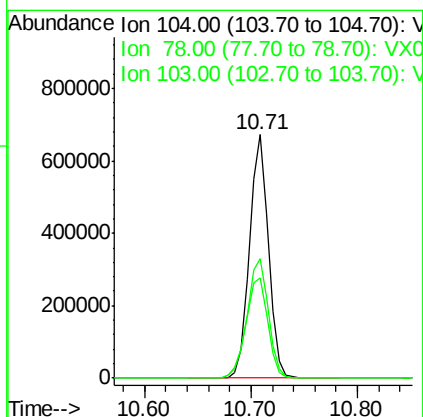
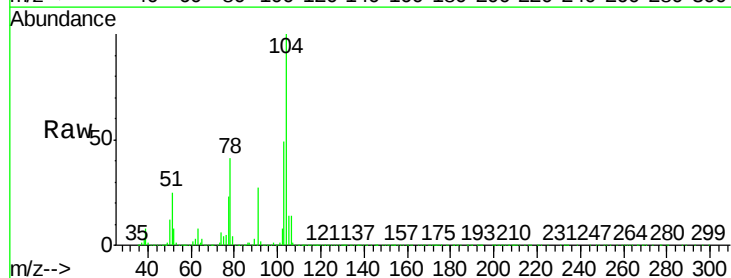
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

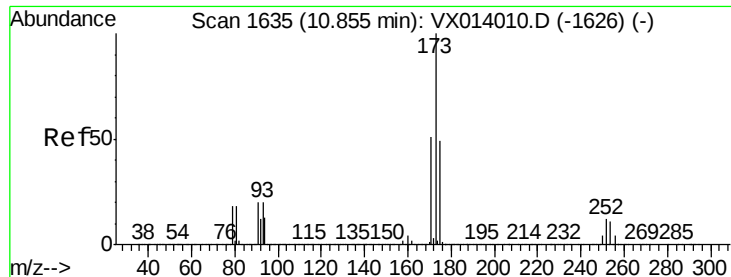
Tgt Ion:106 Resp: 490601
Ion Ratio Lower Upper
106 100
91 211.0 104.2 312.6



#70
Styrene
Concen: 50.066 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion:104 Resp: 842964
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.7 42.9 64.3





#71

Bromoform

Concen: 52.830 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

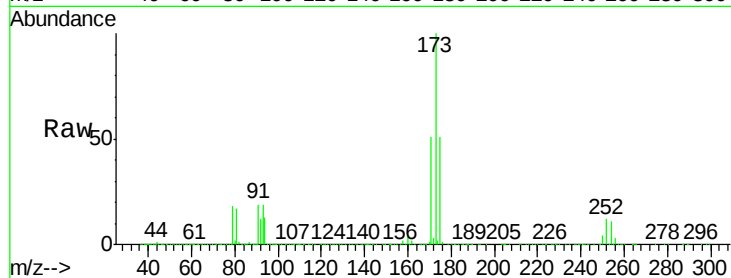
Tgt Ion:173 Resp: 232807

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

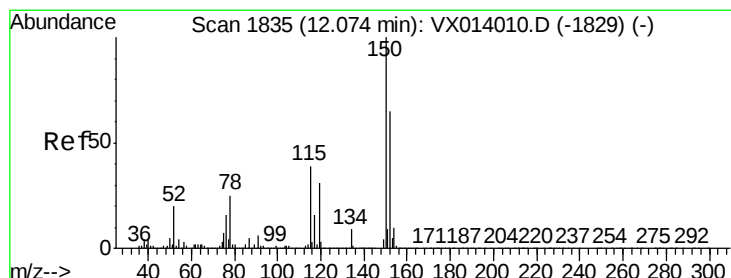
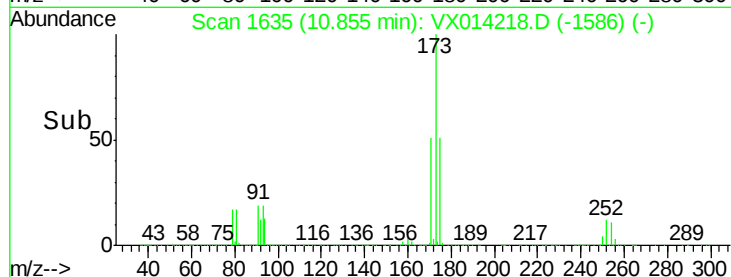
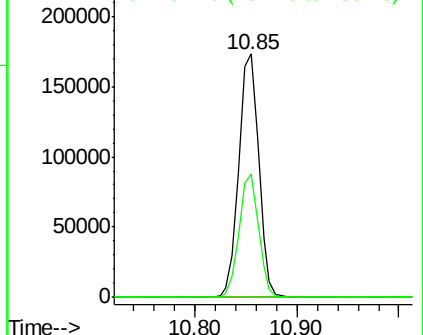
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

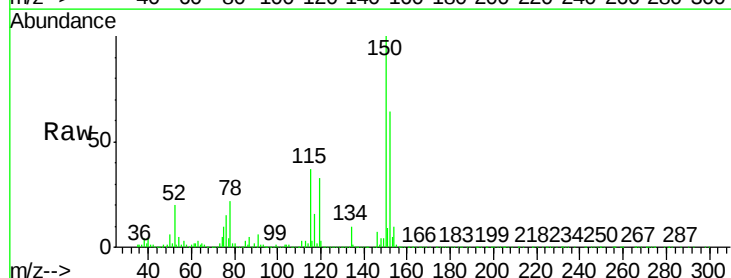
Tgt Ion:152 Resp: 362919

Ion Ratio Lower Upper

152 100

115 77.2 38.3 114.9

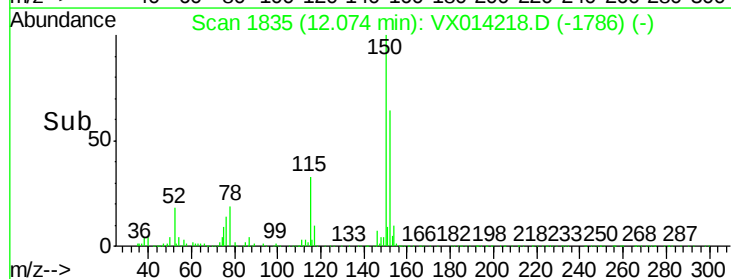
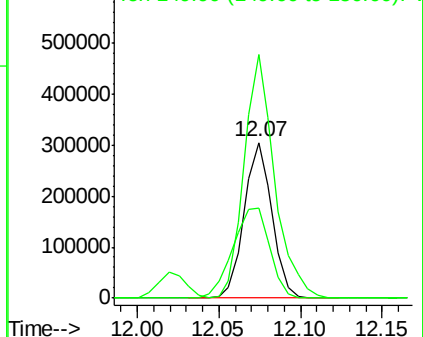
150 171.6 0.0 345.4

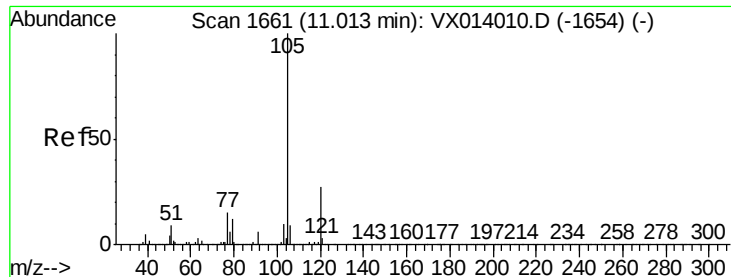


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.463 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

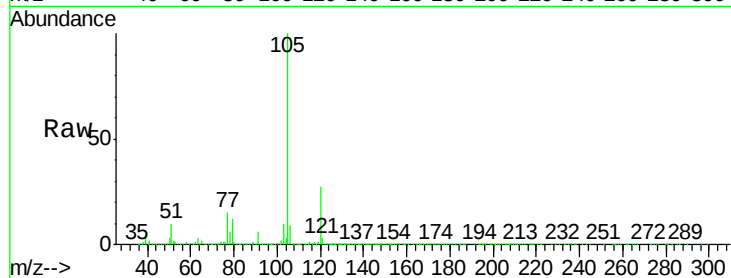
VSTDCCC050

Tgt Ion: 105 Resp: 1289435

Ion Ratio Lower Upper

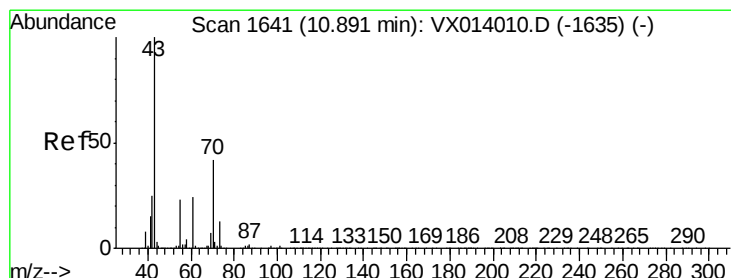
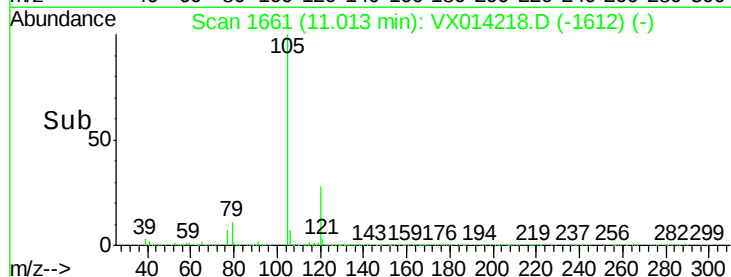
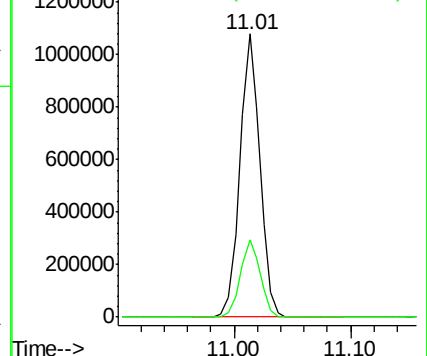
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.218 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion: 43 Resp: 589507

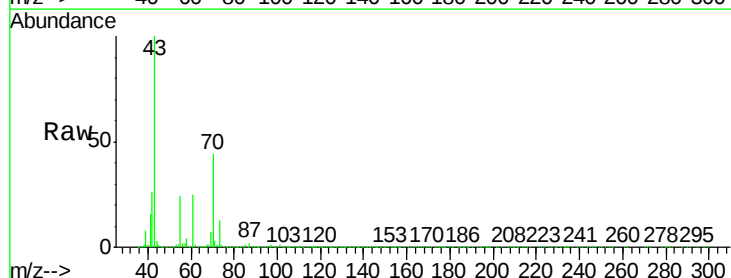
Ion Ratio Lower Upper

43 100

70 44.2 34.4 51.6

55 24.2 19.1 28.7

61 25.1 19.7 29.5

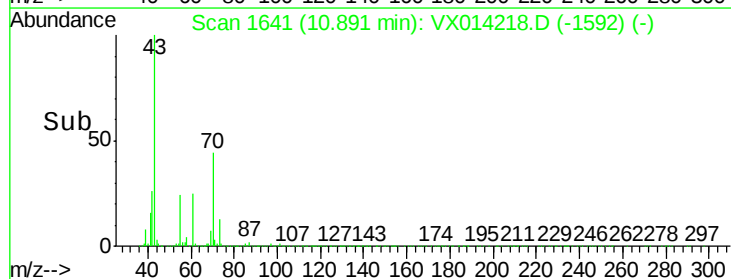
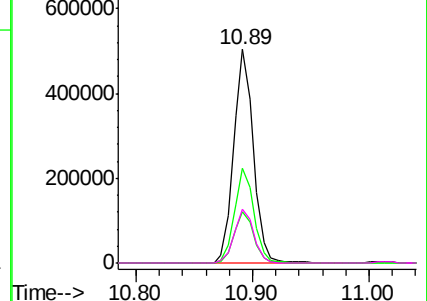


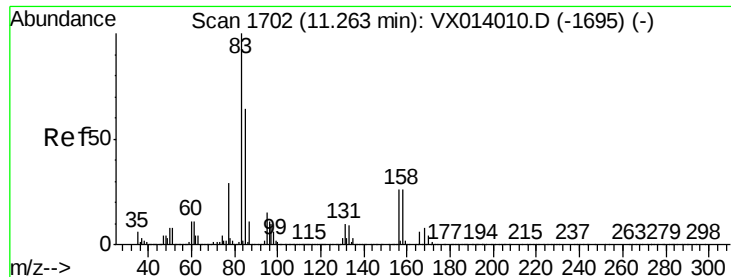
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.444 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

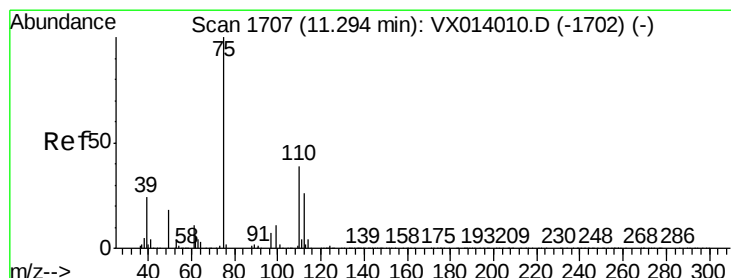
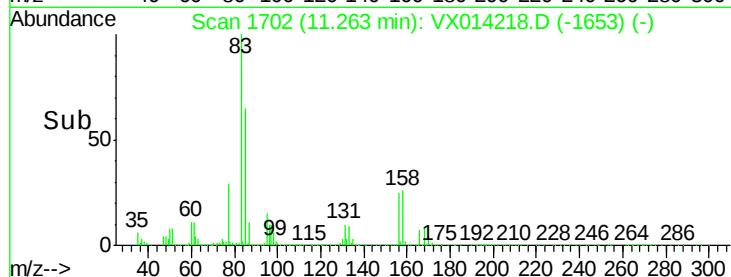
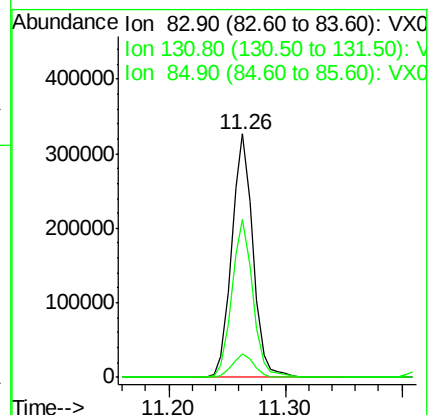
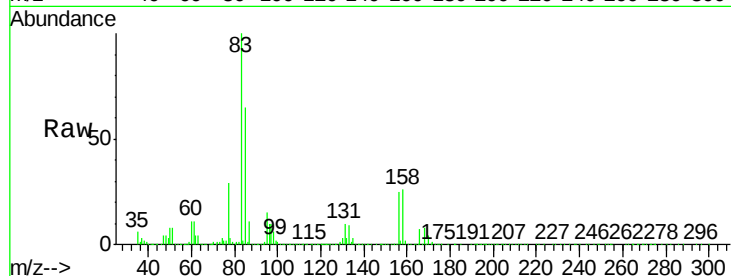
Tgt Ion: 83 Resp: 411432

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 63.404 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014218.D

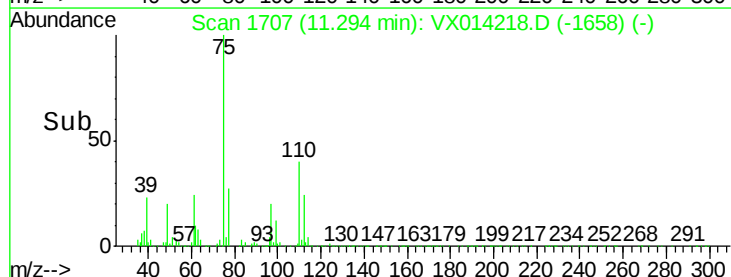
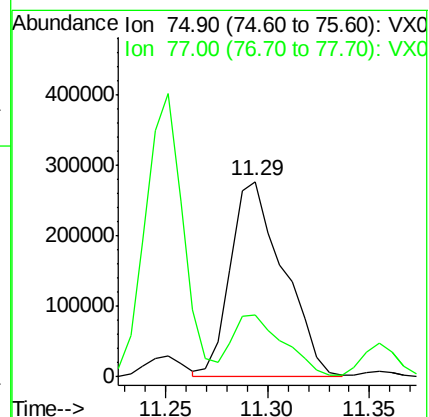
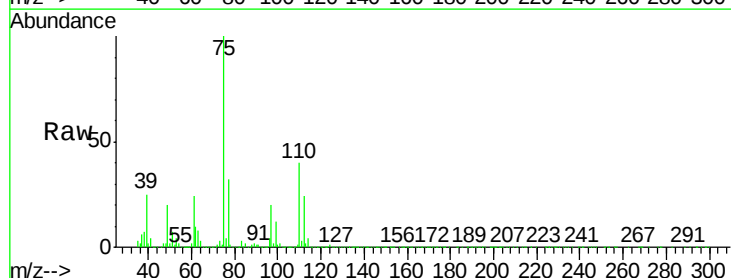
Acq: 23 Dec 2019 21:49

Tgt Ion: 75 Resp: 499557

Ion Ratio Lower Upper

75 100

77 30.7 19.3 57.8





#77

Bromobenzene

Concen: 47.689 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

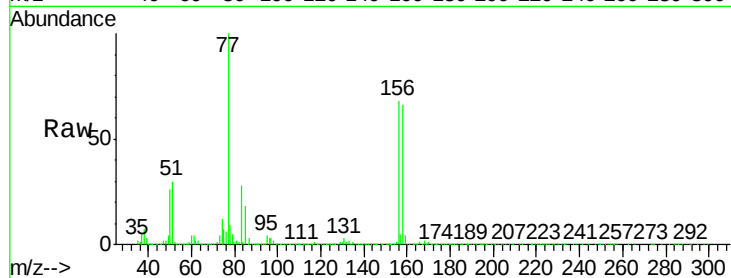
Tgt Ion: 156 Resp: 335268

Ion Ratio Lower Upper

156 100

77 153.1 76.5 229.5

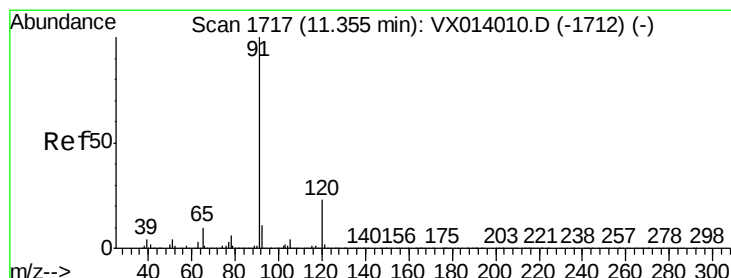
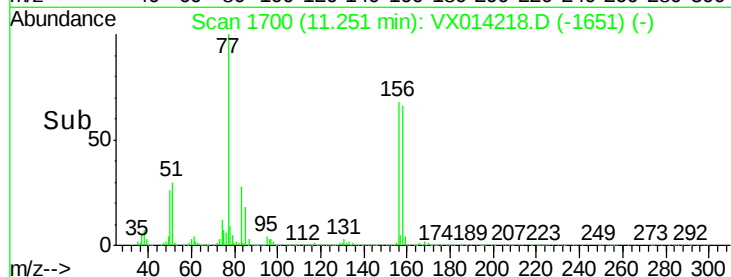
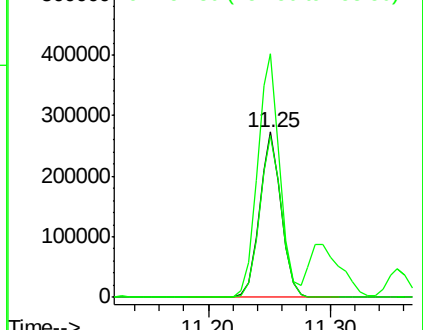
158 98.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014218.D

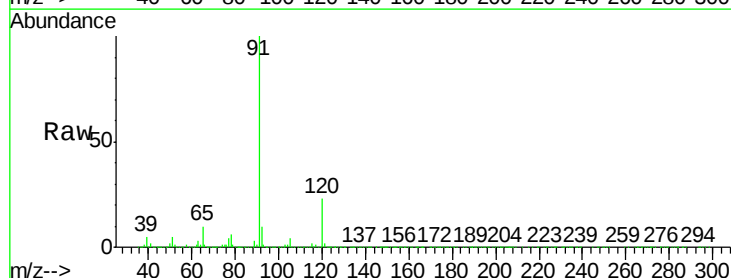
Acq: 23 Dec 2019 21:49

Tgt Ion: 91 Resp: 1474272

Ion Ratio Lower Upper

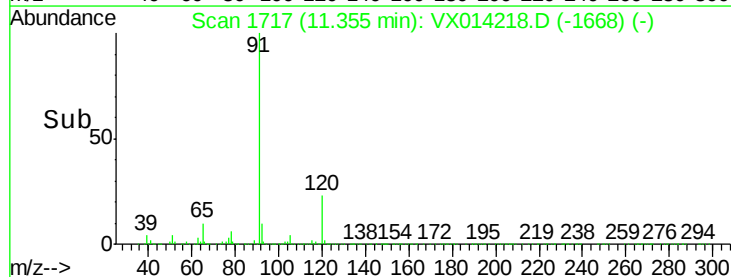
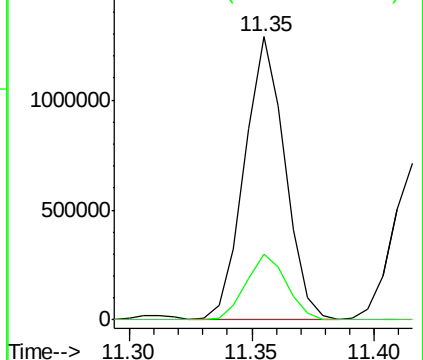
91 100

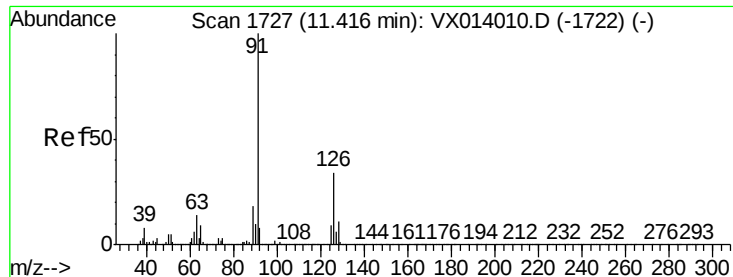
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

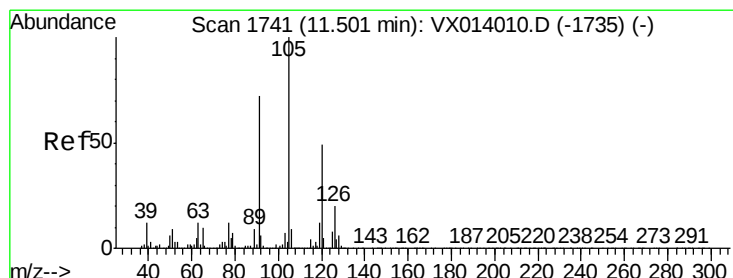
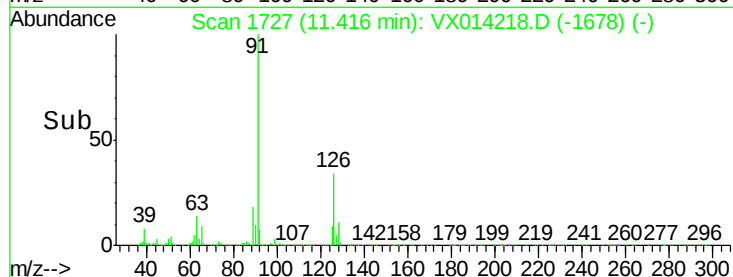
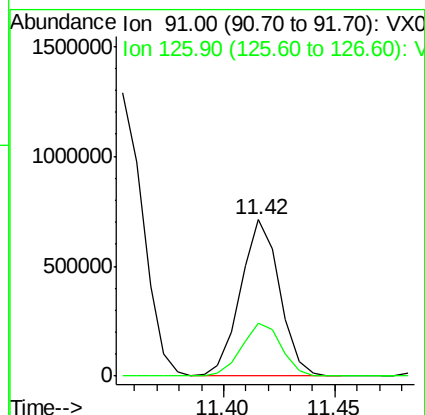
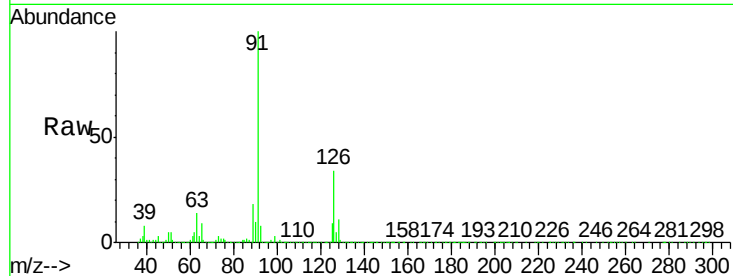




#79
 2-Chlorotoluene
 Concen: 49.965 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

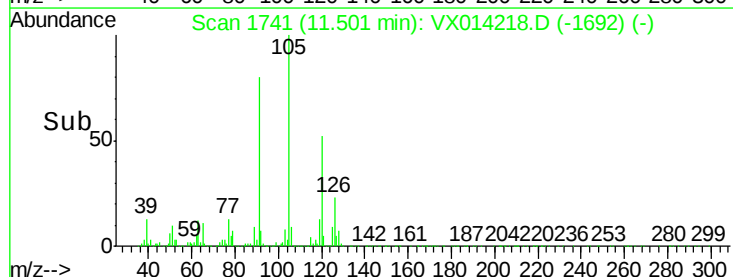
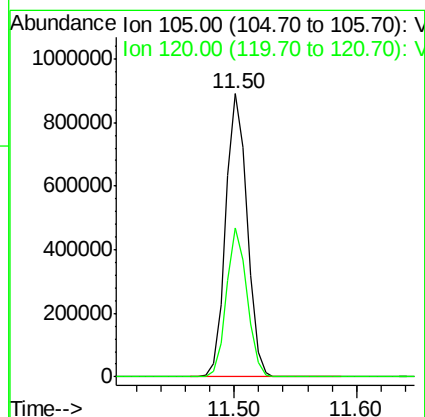
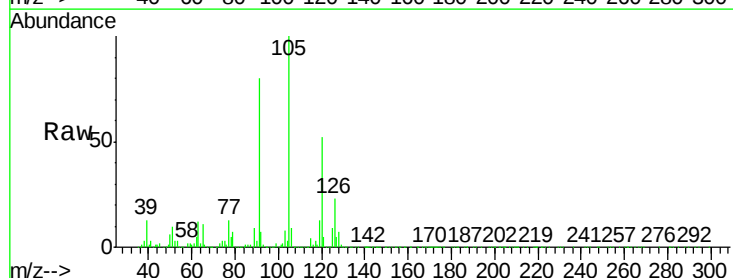
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 870521
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.947 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion: 105 Resp: 1074109
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.675 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

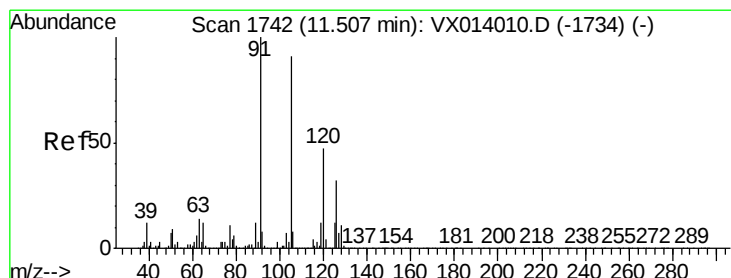
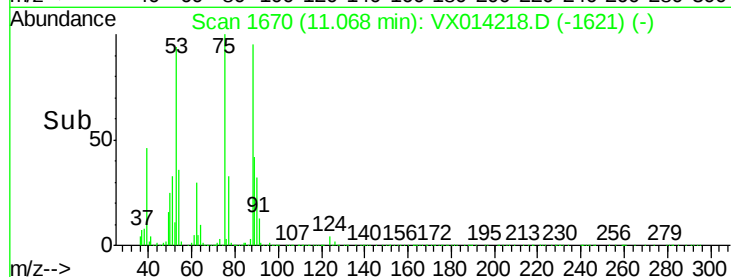
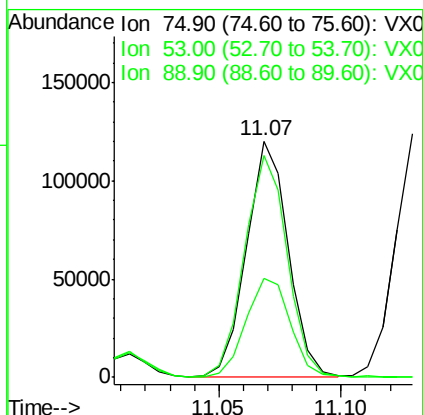
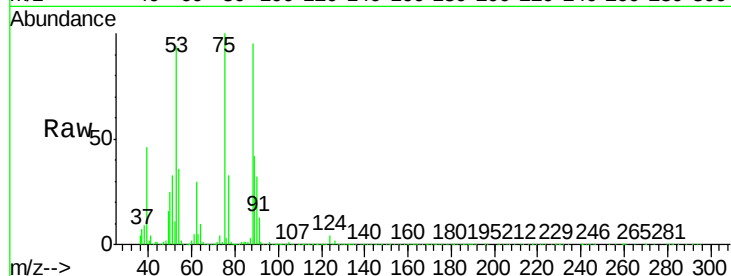
Tgt Ion: 75 Resp: 141457

Ion Ratio Lower Upper

75 100

53 96.9 76.7 115.1

89 45.3 34.6 51.8



#82

4-Chlorotoluene

Concen: 49.393 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014218.D

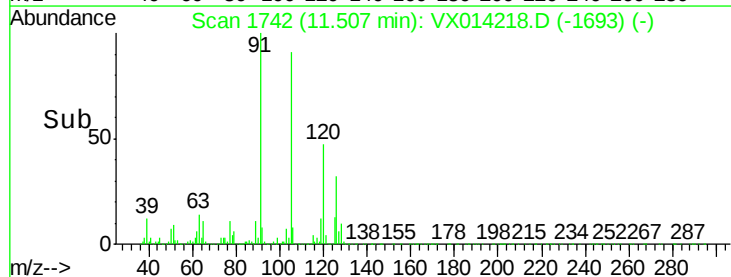
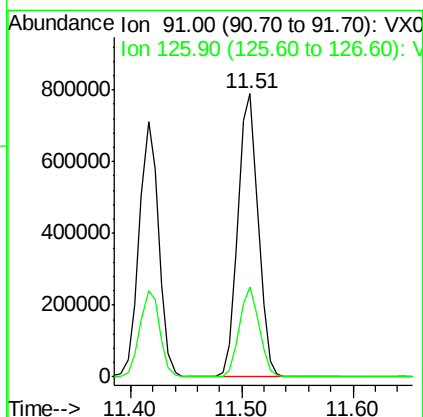
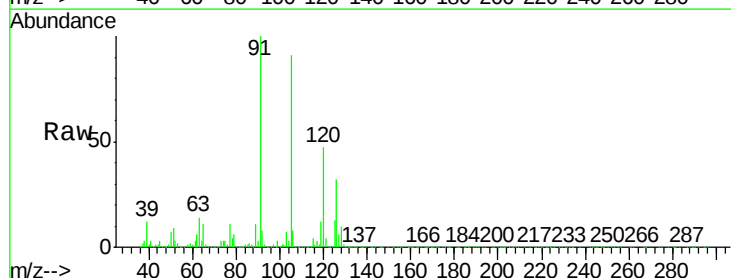
Acq: 23 Dec 2019 21:49

Tgt Ion: 91 Resp: 998215

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8

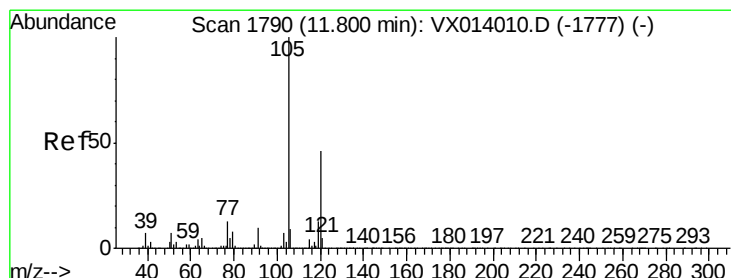
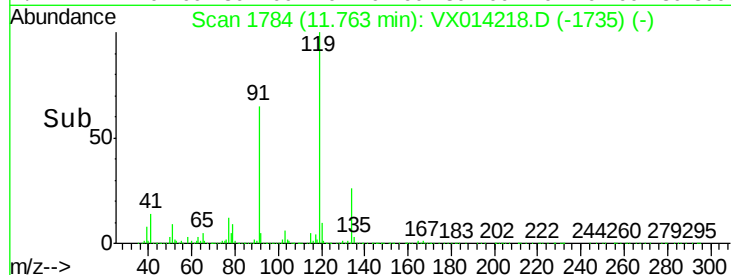
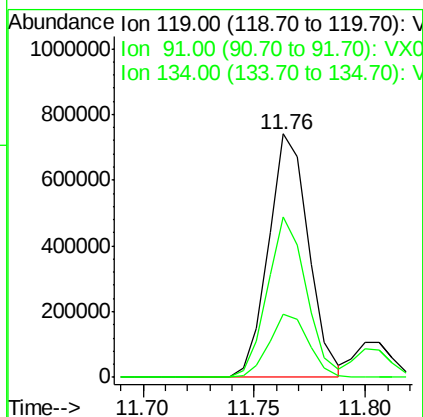
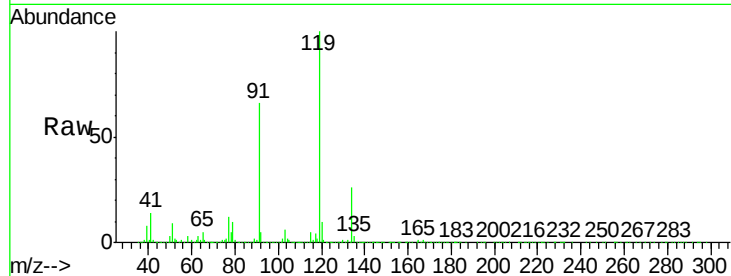




#83
 tert-Butylbenzene
 Concen: 44.093 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

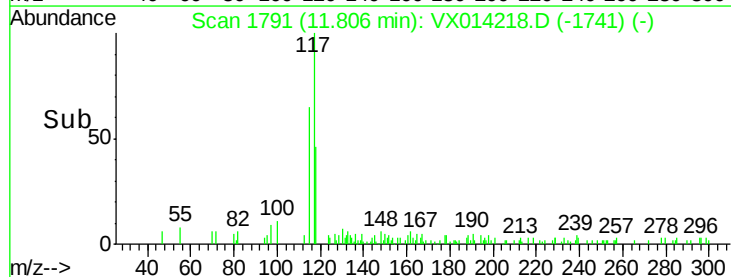
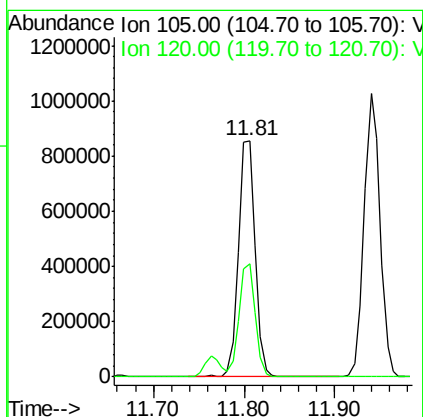
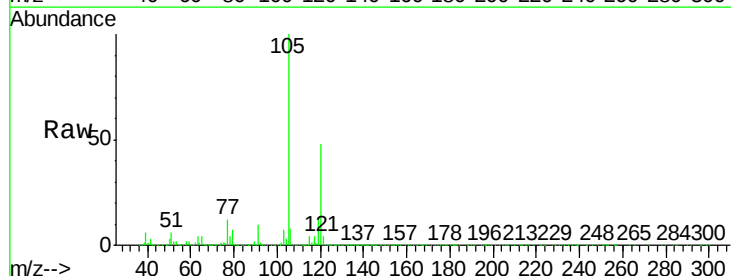
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

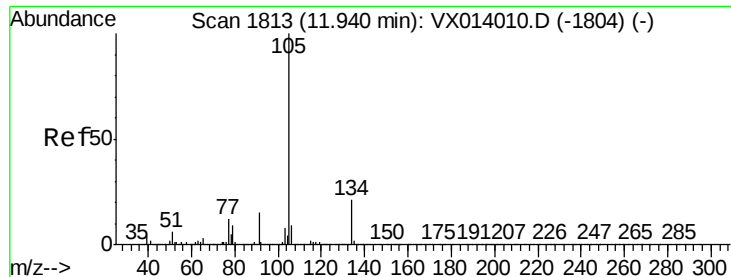
Tgt Ion:119 Resp: 922770
 Ion Ratio Lower Upper
 119 100
 91 63.8 28.5 85.6
 134 25.8 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.599 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion:105 Resp: 1089705
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.665 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

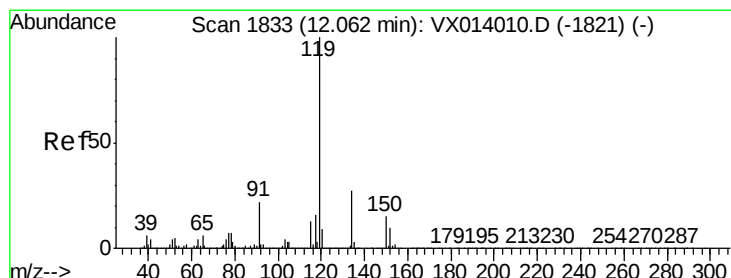
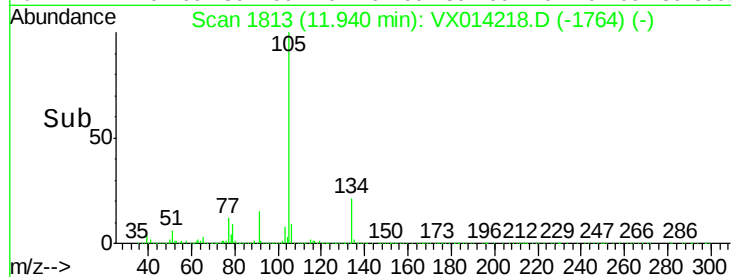
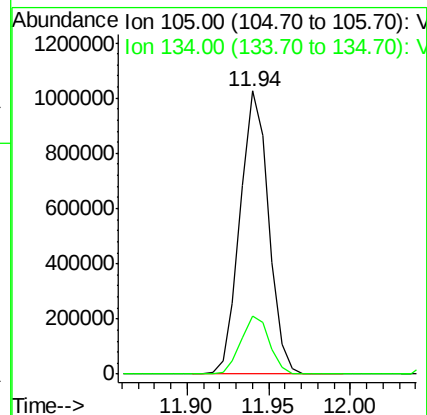
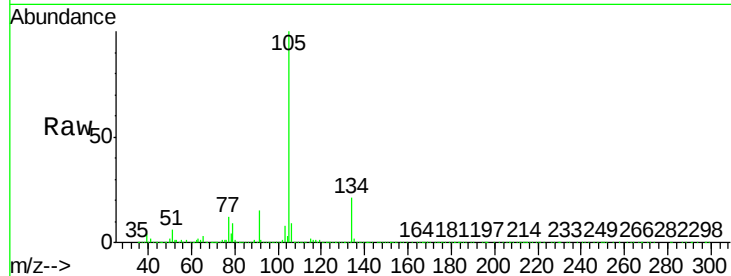
VSTDCCC050

Tgt Ion:105 Resp: 1251728

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.772 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

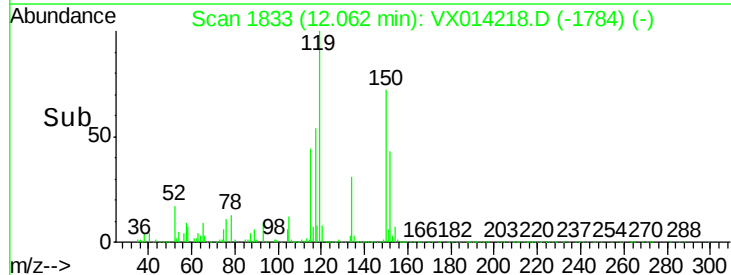
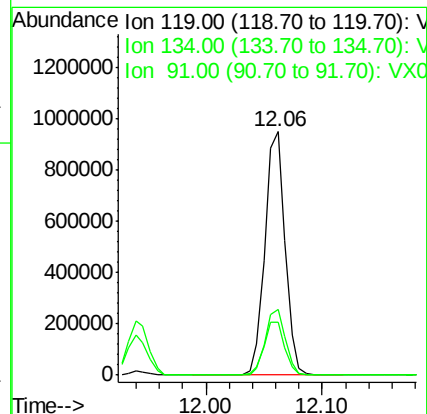
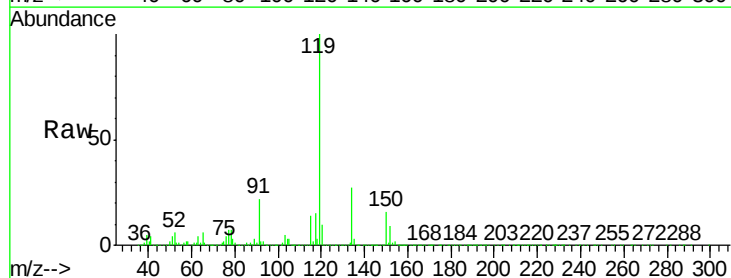
Tgt Ion:119 Resp: 1147405

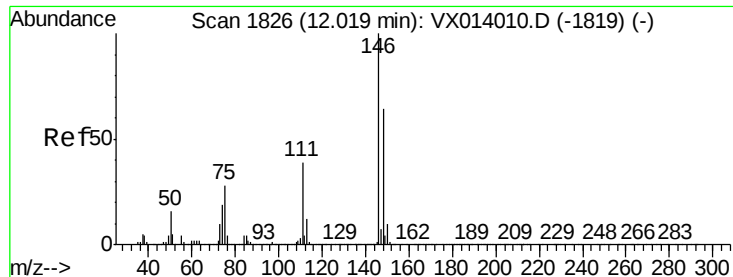
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.327 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

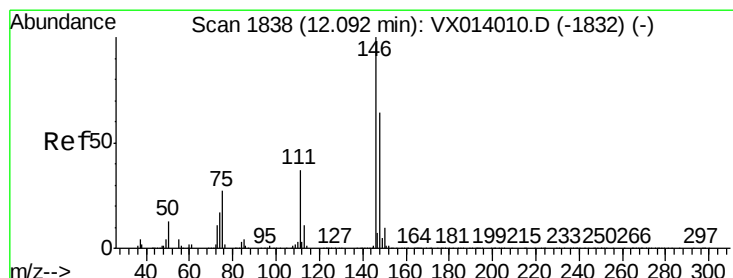
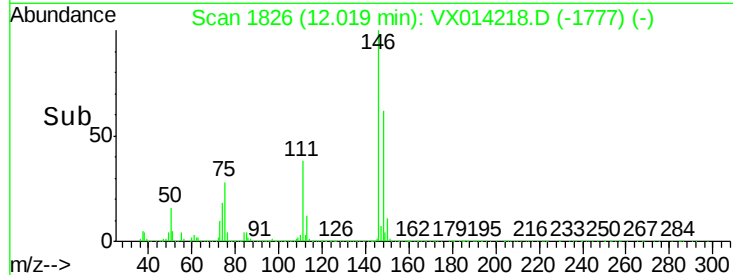
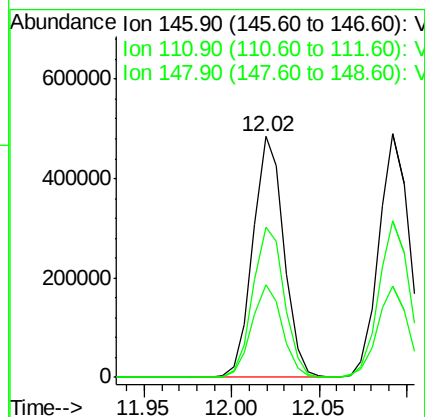
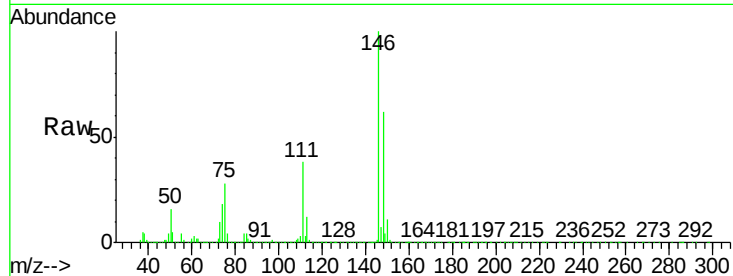
Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 595460

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.6	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 47.261 ug/l

RT: 12.09 min Scan# 1838

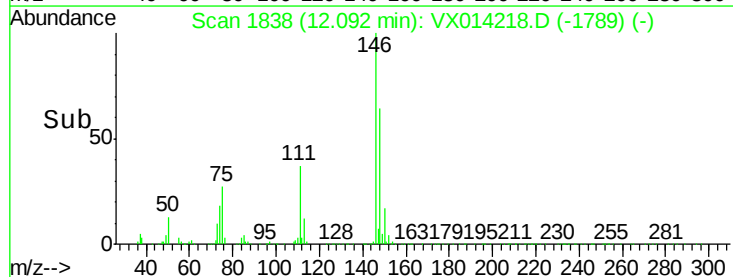
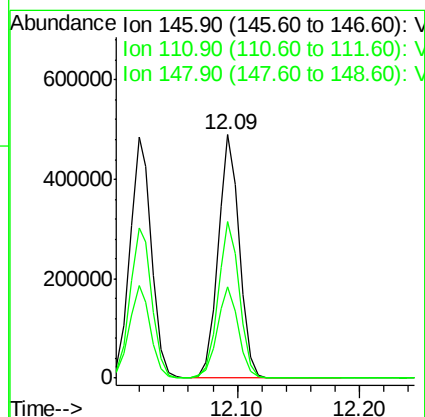
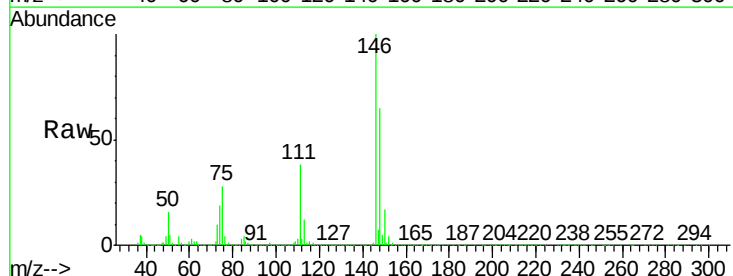
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:146 Resp: 592116

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 50.888 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

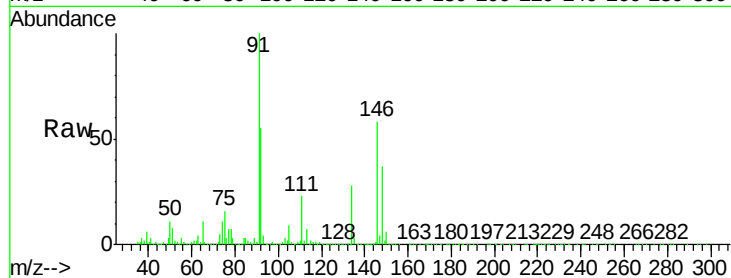
Tgt Ion: 91 Resp: 981279

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

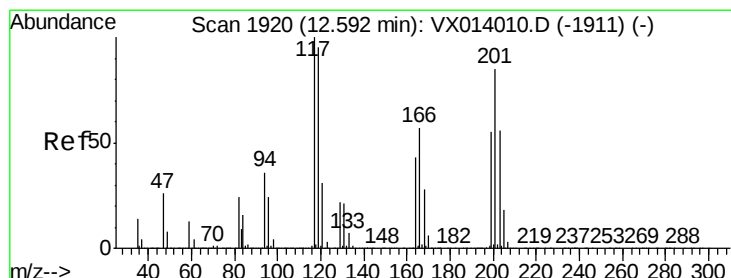
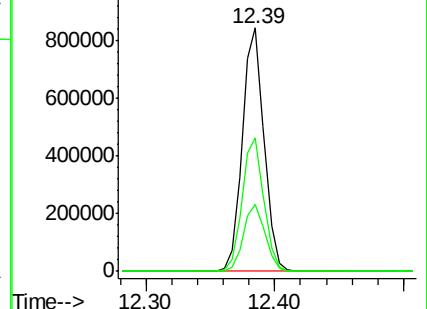
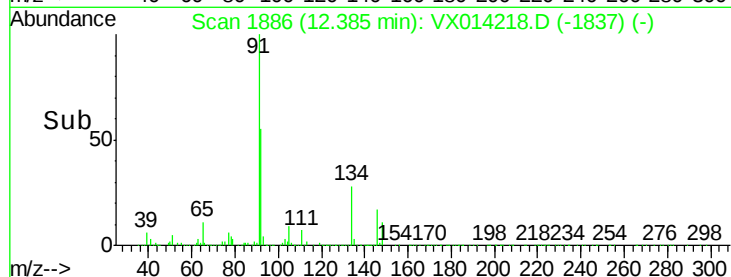
134 27.5 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.517 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014218.D

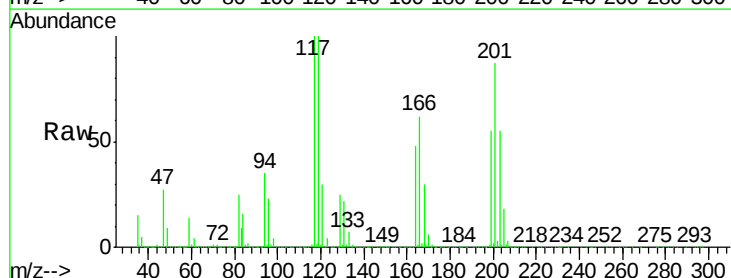
Acq: 23 Dec 2019 21:49

Tgt Ion: 117 Resp: 201002

Ion Ratio Lower Upper

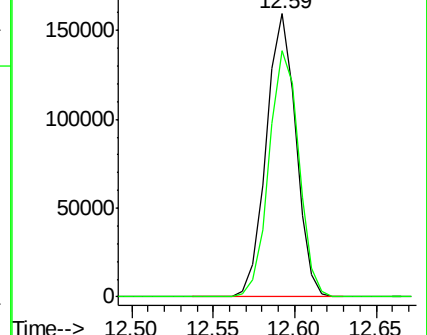
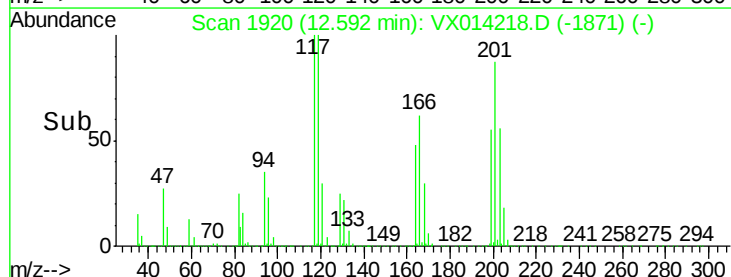
117 100

201 87.9 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.372 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

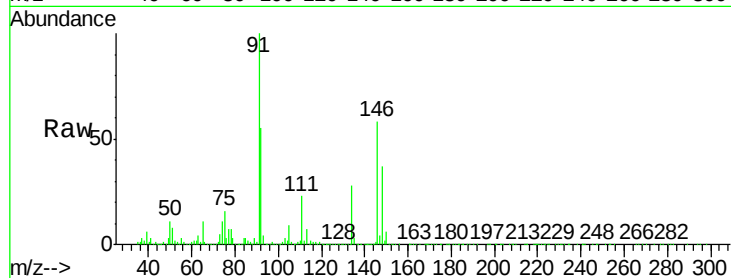
Tgt Ion:146 Resp: 599984

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

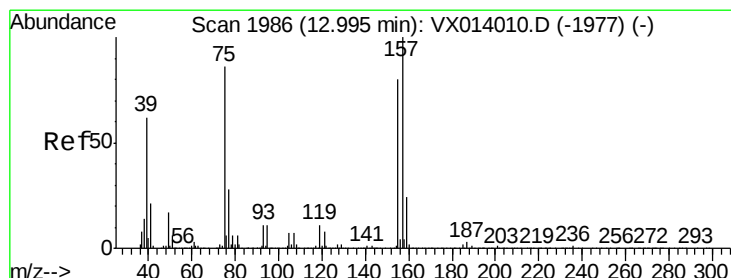
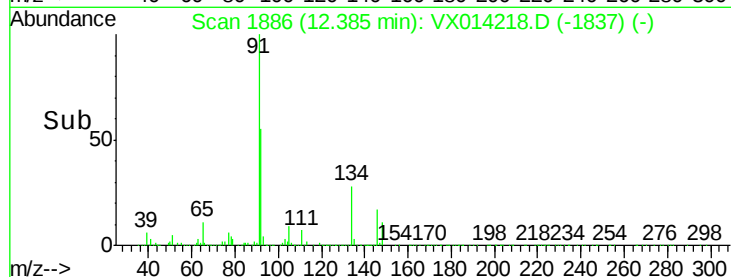
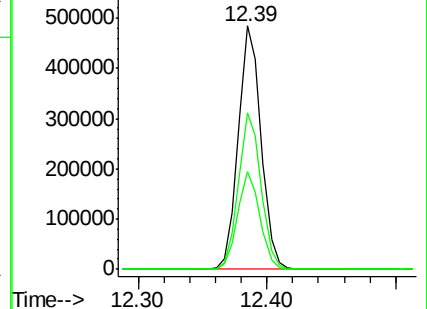
148 63.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.667 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

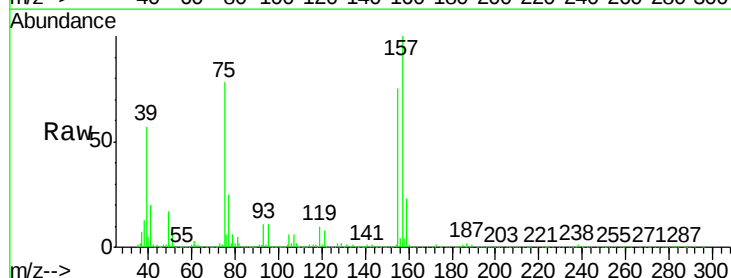
Tgt Ion: 75 Resp: 91485

Ion Ratio Lower Upper

75 100

155 96.5 46.9 140.6

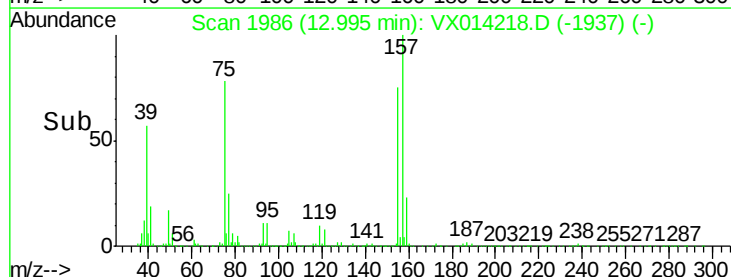
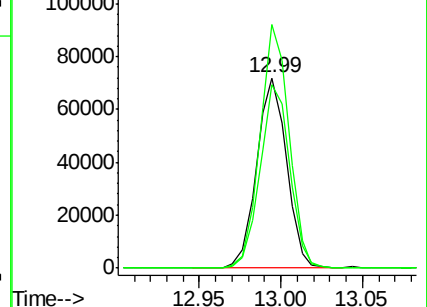
157 125.2 60.8 182.4

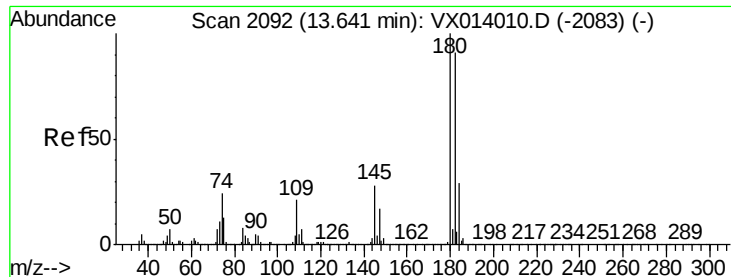


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

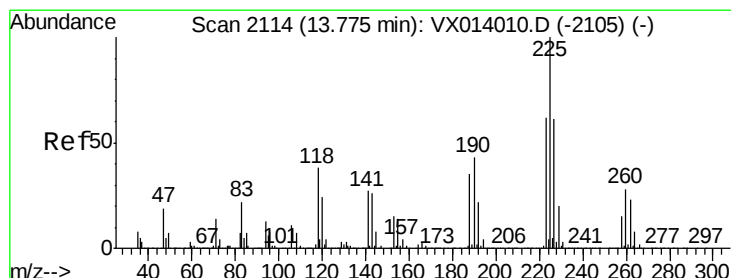
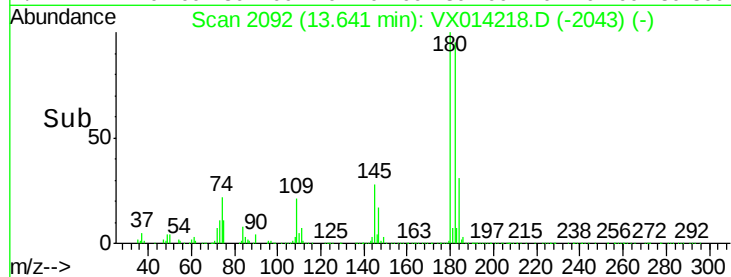
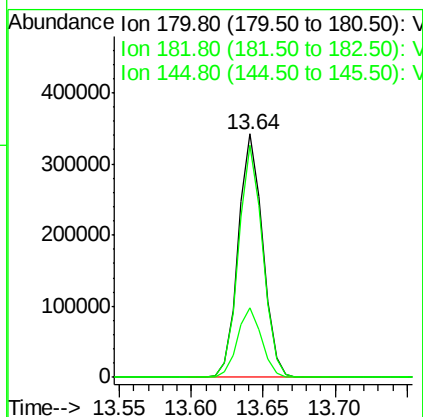
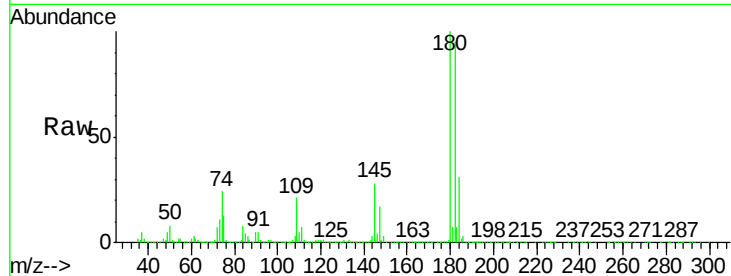




#93
 1,2,4-Trichlorobenzene
 Concen: 50.029 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

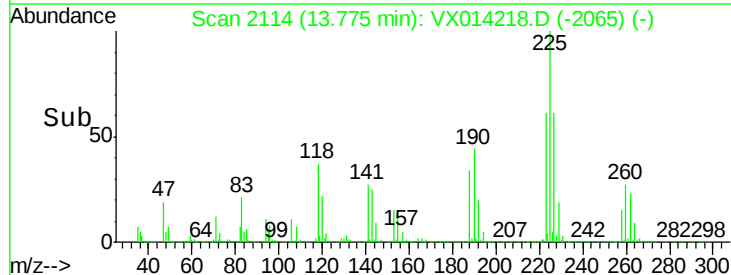
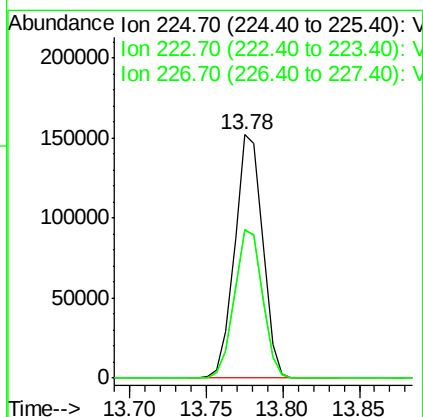
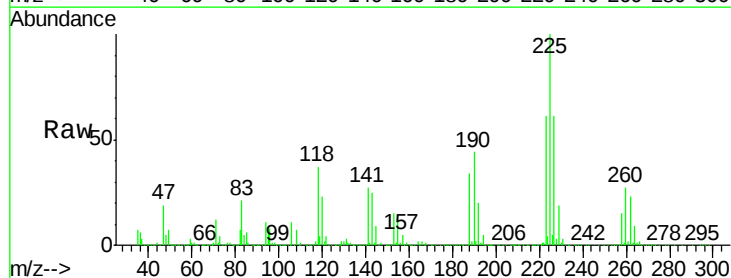
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

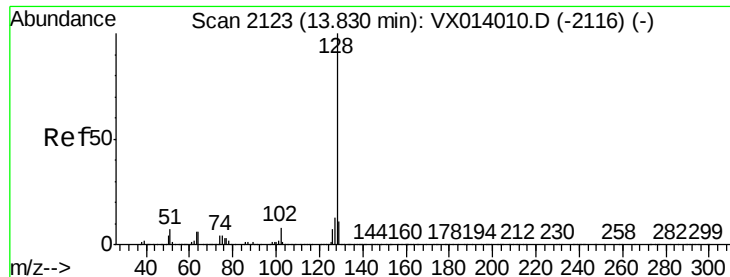
Tgt Ion:180 Resp: 403318
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.6 139.8
 145 28.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 49.495 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion:225 Resp: 191768
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.9 92.5
 227 62.0 30.9 92.7

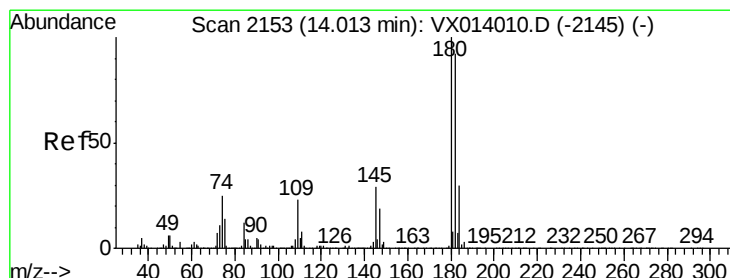
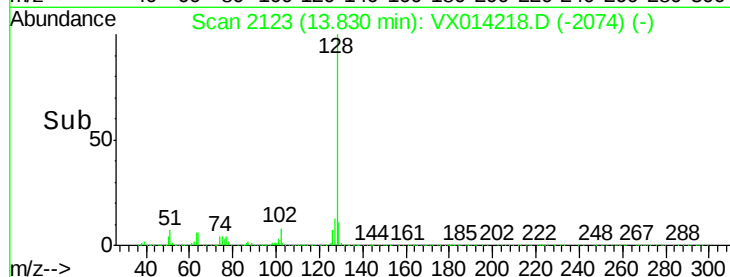
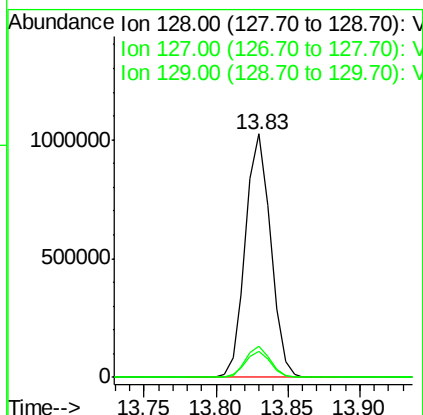
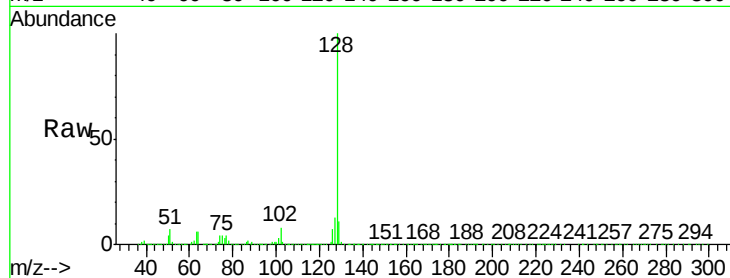




#95
Naphthalene
Concen: 52.472 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1242843
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.690 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion:180 Resp: 403400
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.3
145 30.2 14.8 44.4

