

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013146.D
 Acq On : 18 Oct 2019 22:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 19 00:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89363	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	5.49	113	70091	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	8.71	98	253391	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	102058	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82135	58.514	ug/l	96
3) Chloromethane	1.32	50	76057	49.787	ug/l	98
4) Vinyl Chloride	1.40	62	80237	50.888	ug/l	99
5) Bromomethane	1.63	94	38311	58.451	ug/l	97
6) Chloroethane	1.71	64	48372	50.222	ug/l	99
7) Trichlorofluoromethane	1.92	101	124090	58.309	ug/l	98
8) Diethyl Ether	2.18	74	43146	50.228	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74169	53.850	ug/l	99
10) Methyl Iodide	2.50	142	97854	61.420	ug/l	100
11) Tert butyl alcohol	3.04	59	99727	218.573	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74469	53.513	ug/l	92
13) Acrolein	2.28	56	71153	219.440	ug/l	99
14) Allyl chloride	2.72	41	118485	47.810	ug/l	96
15) Acrylonitrile	3.13	53	211558	244.674	ug/l	99
16) Acetone	2.44	43	181640	200.215	ug/l	100
17) Carbon Disulfide	2.56	76	196549	49.533	ug/l	100
18) Methyl Acetate	2.76	43	119664	55.648	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	262639	54.652	ug/l	98
20) Methylene Chloride	2.84	84	84524	50.695	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	79726	53.452	ug/l	99
22) Diisopropyl ether	3.84	45	236956	49.898	ug/l	94
23) Vinyl Acetate	3.80	43	982447	239.651	ug/l	98
24) 1,1-Dichloroethane	3.69	63	141582	52.996	ug/l	99
25) 2-Butanone	4.66	43	281991	224.043	ug/l	99
26) 2,2-Dichloropropane	4.58	77	108364	48.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	91843	53.420	ug/l	97
28) Bromochloromethane	5.01	49	37039	46.359	ug/l	90
29) Tetrahydrofuran	5.12	42	180151	232.594	ug/l	94
30) Chloroform	5.20	83	149322	54.473	ug/l	99
31) Cyclohexane	5.57	56	122384	48.991	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134505	57.910	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108454	55.067	ug/l	98
37) Ethyl Acetate	4.82	43	107897	48.994	ug/l	98
38) Carbon Tetrachloride	5.78	117	115925	60.472	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	128488	53.795	ug/l	98
40) Benzene	6.14	78	327051	56.224	ug/l	99
41) Methacrylonitrile	5.03	41	60243	49.783	ug/l	97
42) 1,2-Dichloroethane	6.18	62	121356	58.141	ug/l	99
43) Isopropyl Acetate	6.43	43	181162	51.252	ug/l	99
44) Trichloroethene	7.21	130	90041	55.821	ug/l	98
45) 1,2-Dichloropropane	7.51	63	80838	54.527	ug/l	99
46) Dibromomethane	7.65	93	58227	58.949	ug/l	98
47) Bromodichloromethane	7.89	83	115563	59.951	ug/l	100
48) Methyl methacrylate	7.76	41	89804	52.136	ug/l	96
49) 1,4-Dioxane	7.73	88	41640	904.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	569418	258.379	ug/l	99
52) Toluene	8.78	92	210500	56.565	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125027	51.888	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	135596	57.194	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	85452	58.023	ug/l	97
56) Ethyl methacrylate	9.17	69	136679	51.761	ug/l	96
57) 1,3-Dichloropropane	9.37	76	144718	56.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	280786	259.532	ug/l	98
59) 2-Hexanone	9.49	43	434954	253.540	ug/l	98
60) Dibromochloromethane	9.58	129	90528	55.043	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90167	58.201	ug/l	100
64) Tetrachloroethene	9.33	164	84221	60.061	ug/l	97
65) Chlorobenzene	10.14	112	224891	56.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	84330	60.581	ug/l	98
67) Ethyl Benzene	10.24	91	410050	57.499	ug/l	98
68) m/p-Xylenes	10.35	106	307589	115.453	ug/l	100
69) o-Xylene	10.70	106	147729	56.861	ug/l	100
70) Styrene	10.71	104	256859	58.156	ug/l	99
71) Bromoform	10.85	173	64691	54.267	ug/l #	100
73) Isopropylbenzene	11.01	105	401784	55.459	ug/l	100
74) N-amyl acetate	10.89	43	152148	48.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	128747	53.431	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	144093	65.929	ug/l	76
77) Bromobenzene	11.25	156	94100	55.120	ug/l	97
78) n-propylbenzene	11.35	91	442793	55.544	ug/l	97
79) 2-Chlorotoluene	11.42	91	275986	55.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	336746	55.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37705	44.823	ug/l	98
82) 4-Chlorotoluene	11.51	91	324396	56.490	ug/l	99
83) tert-Butylbenzene	11.76	119	320463	54.306	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	346246	56.515	ug/l	99
85) sec-Butylbenzene	11.94	105	378078	55.302	ug/l	100
86) p-Isopropyltoluene	12.06	119	356887	56.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173372	54.687	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	171098	53.289	ug/l	98
89) n-Butylbenzene	12.38	91	291351	54.673	ug/l	99
90) Hexachloroethane	12.59	117	59333	50.502	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	174228	56.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31674	56.083	ug/l	98

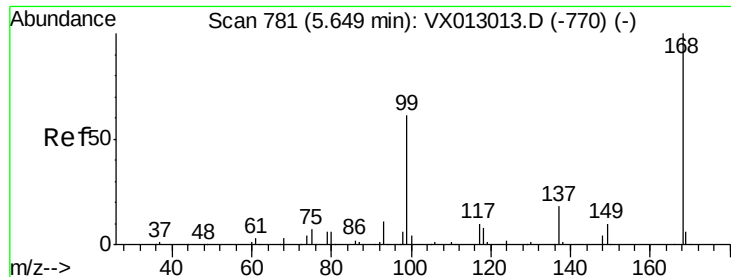
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101937	52.358	ug/l	97
94) Hexachlorobutadiene	13.77	225	53113	59.112	ug/l	96
95) Naphthalene	13.83	128	342695	50.777	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	110139	54.743	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

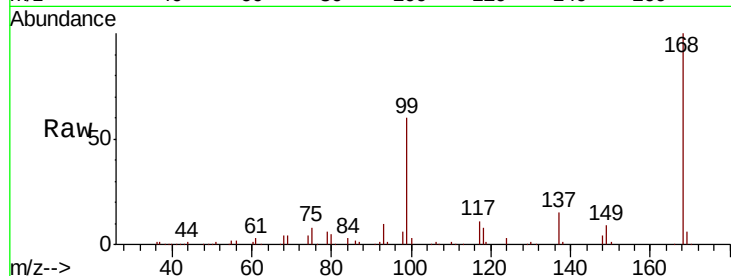
VSTDCCC050EC

Tot Ion:168 Resp: 137707

Ion Ratio Lower Upper

168 100

99 59.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

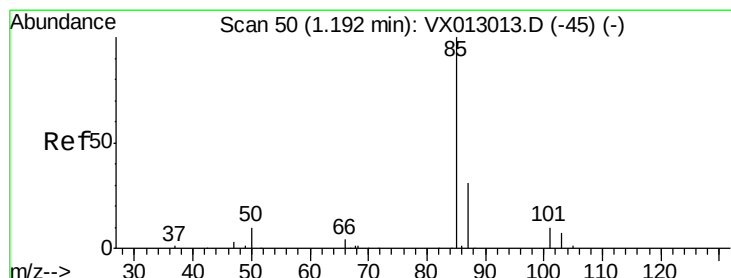
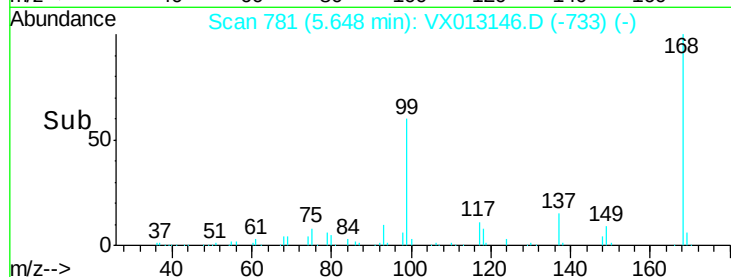
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.514 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013146.D

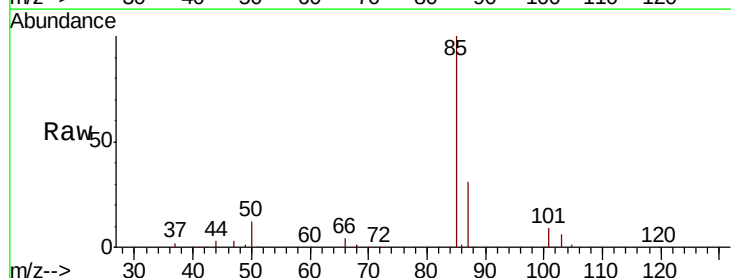
Acq: 18 Oct 2019 22:34

Tgt Ion: 85 Resp: 82135

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

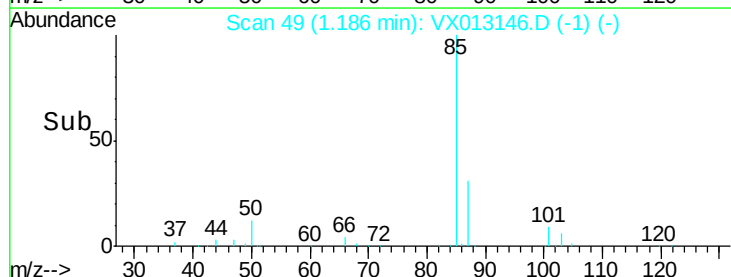
60000

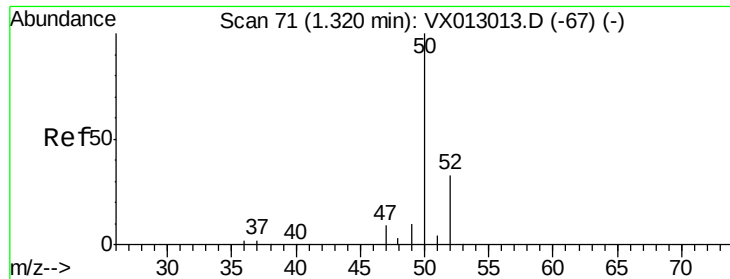
40000

20000

0

Time-->





#3

Chloromethane

Concen: 49.787 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

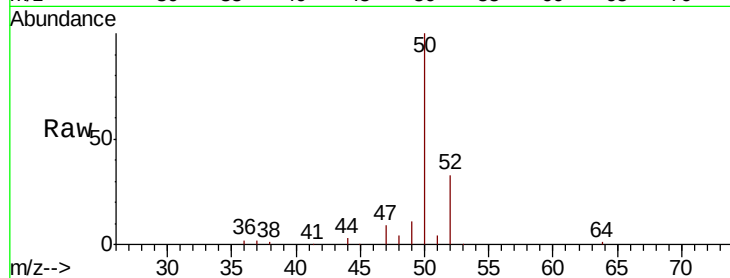
VSTDCCC050EC

Tot Ion: 50 Resp: 76057

Ion Ratio Lower Upper

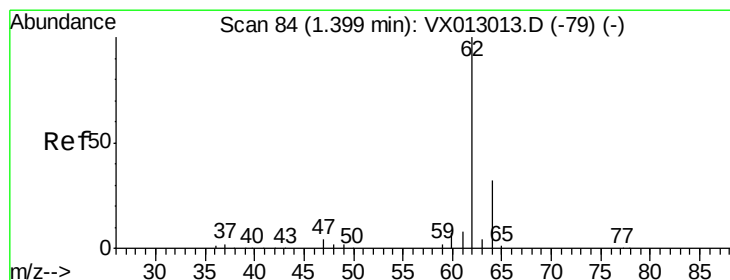
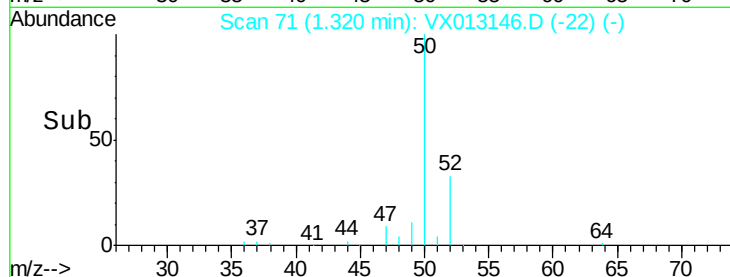
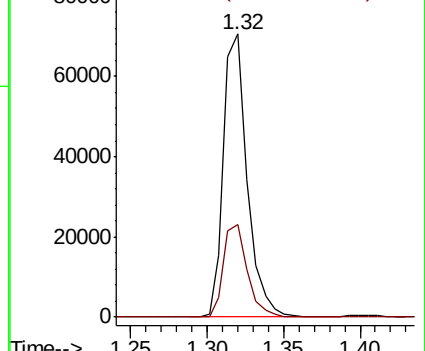
50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.888 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013146.D

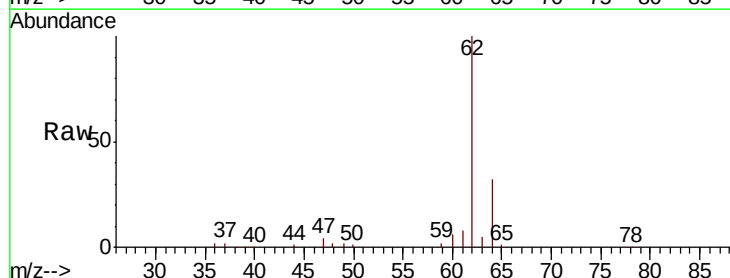
Acq: 18 Oct 2019 22:34

Tgt Ion: 62 Resp: 80237

Ion Ratio Lower Upper

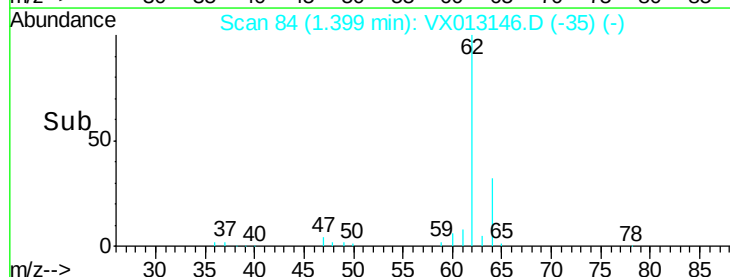
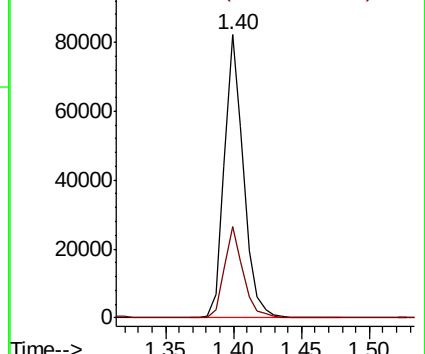
62 100

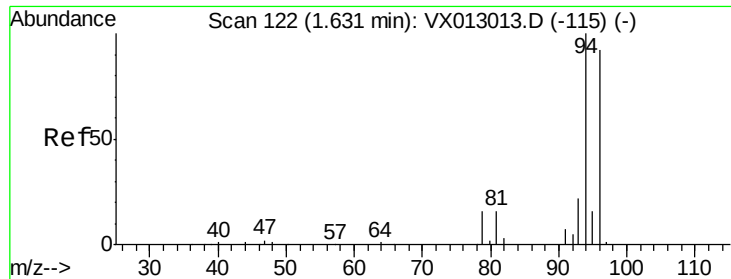
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.451 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

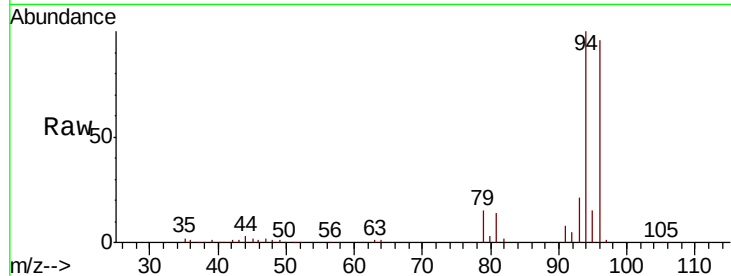
VSTDCCC050EC

Tot Ion: 94 Resp: 38311

Ion Ratio Lower Upper

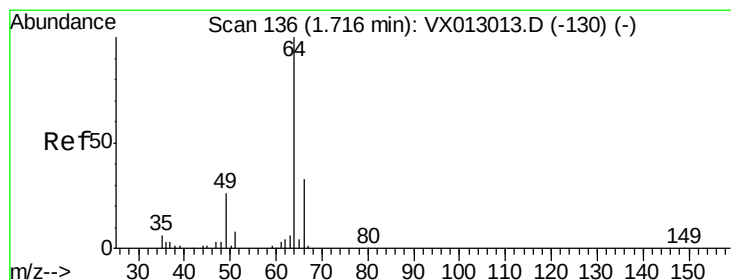
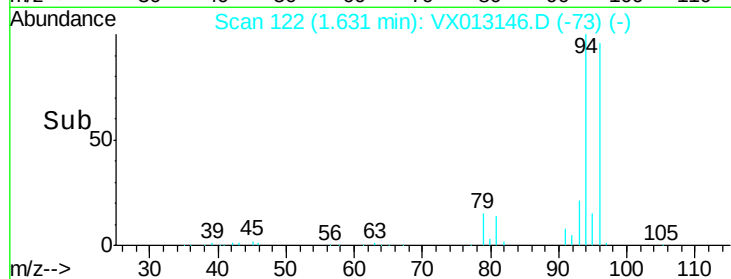
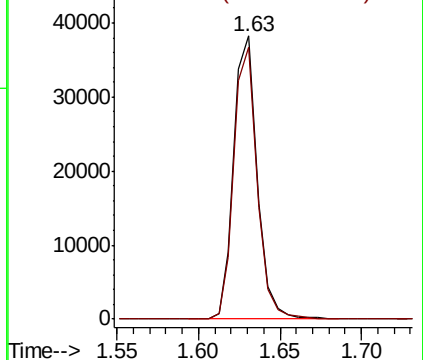
94 100

96 96.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.222 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013146.D

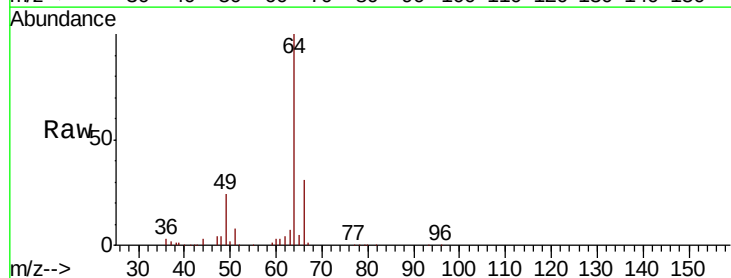
Acq: 18 Oct 2019 22:34

Tgt Ion: 64 Resp: 48372

Ion Ratio Lower Upper

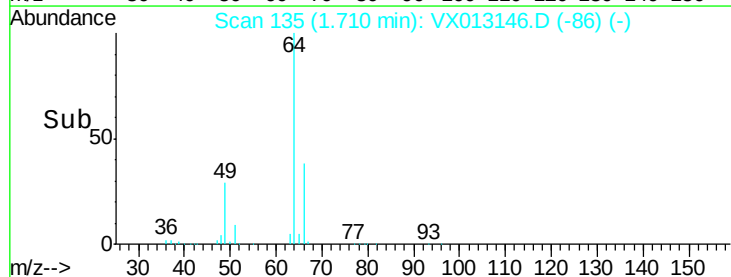
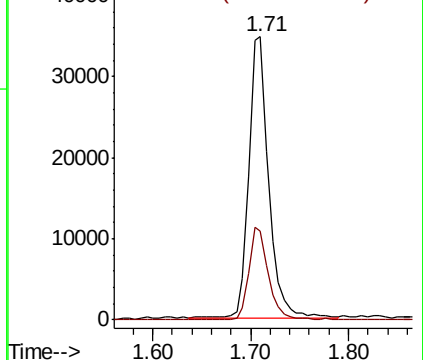
64 100

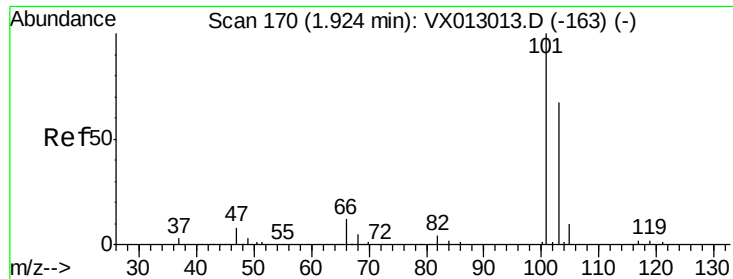
66 31.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



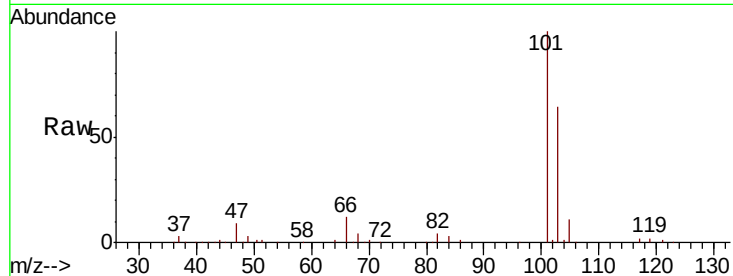


#7

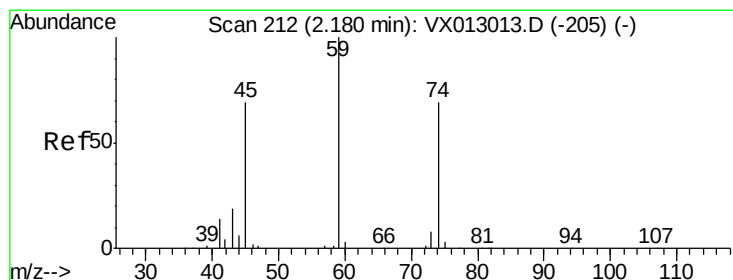
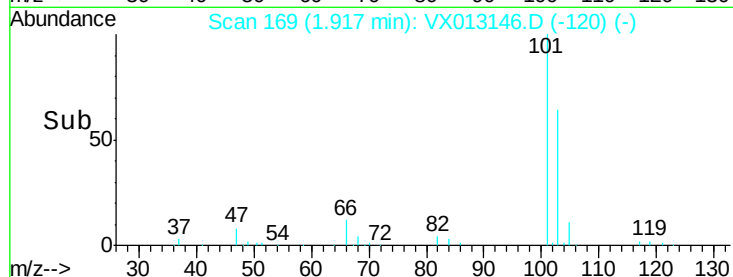
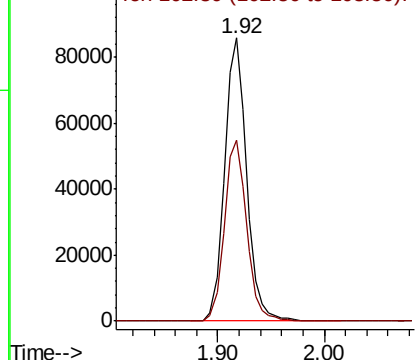
Trichlorofluoromethane
 Concen: 58.309 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 124090
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.5 78.7



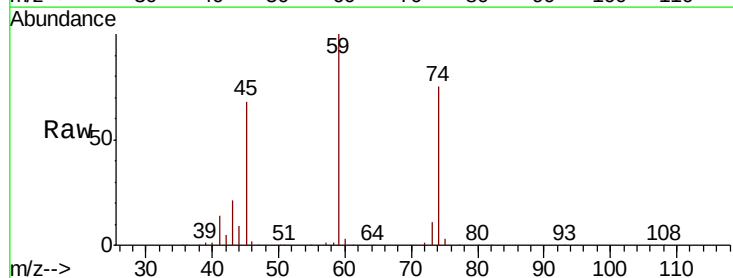
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



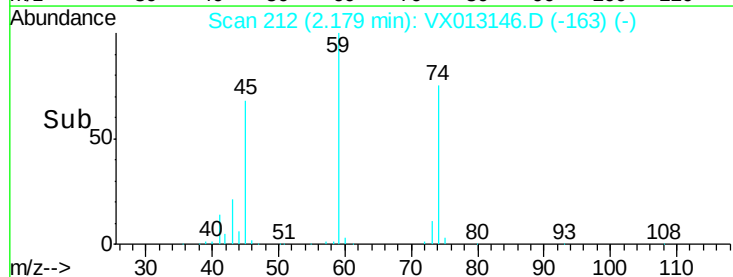
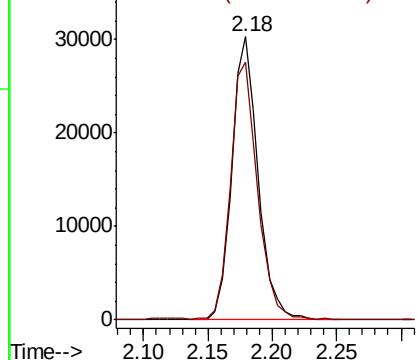
#8

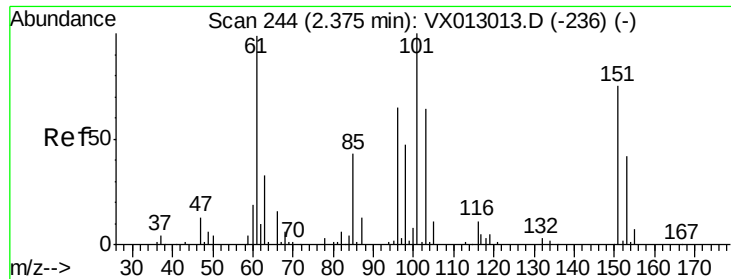
Diethyl Ether
 Concen: 50.228 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 74 Resp: 43146
 Ion Ratio Lower Upper
 74 100
 45 94.5 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.850 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

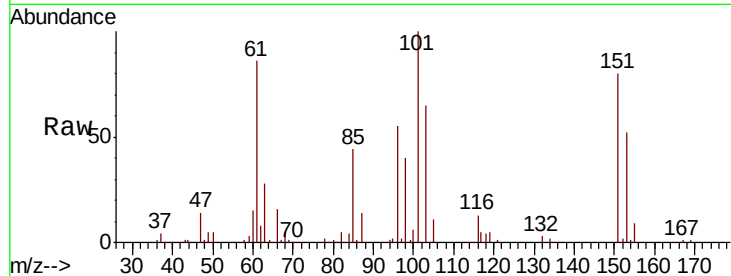
Tot Ion:101 Resp: 74169

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

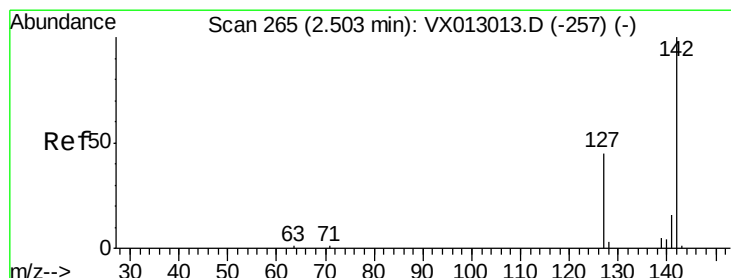
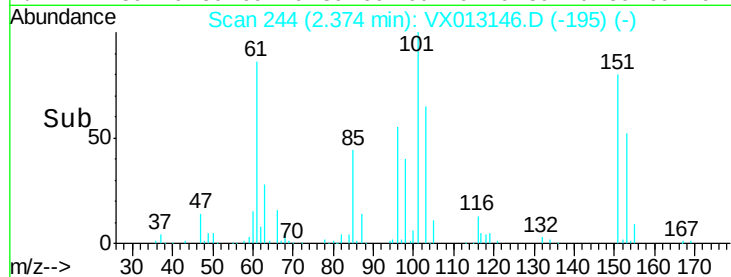
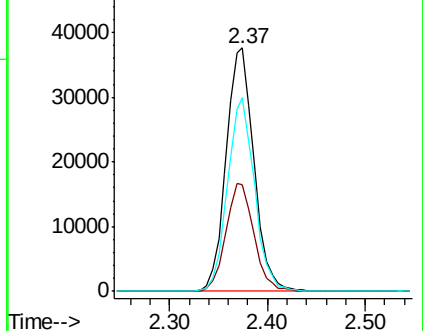
151 77.1 60.3 90.5



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: 61.420 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

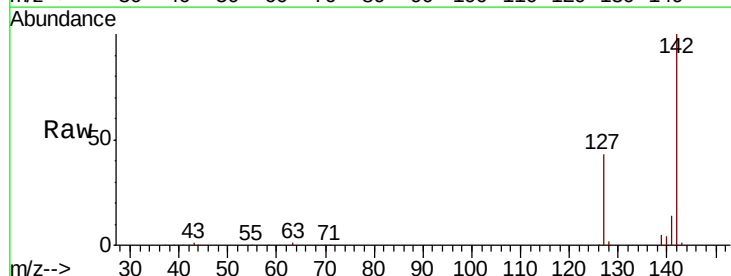
Tgt Ion:142 Resp: 97854

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

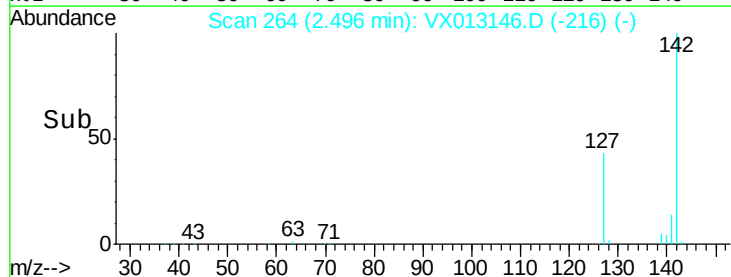
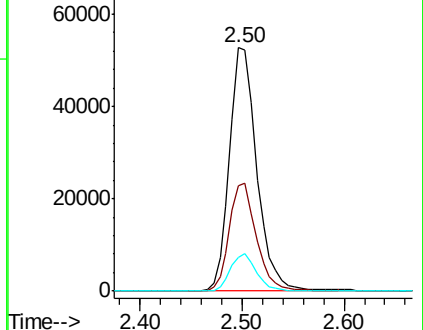
141 14.6 11.6 17.4

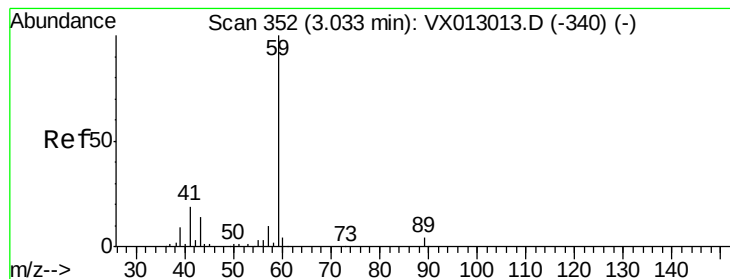


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



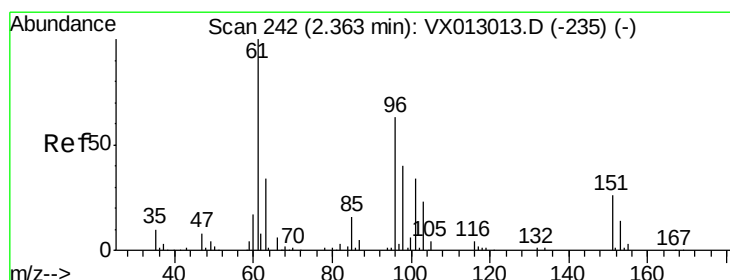
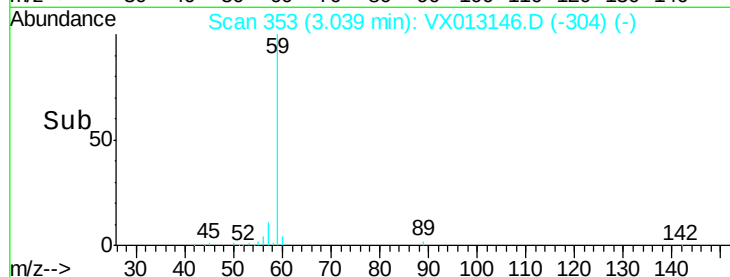
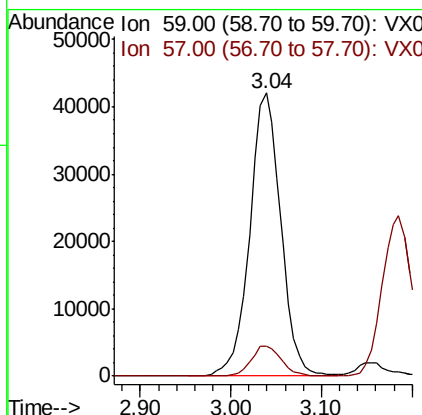
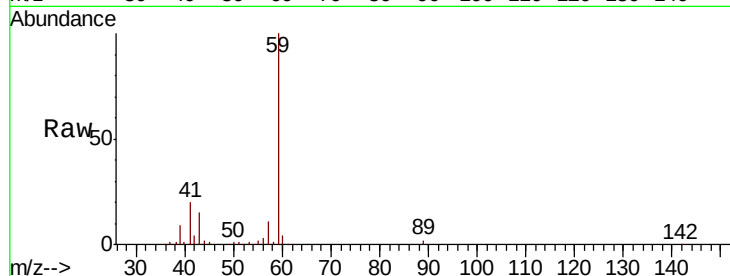


#11

Tert butyl alcohol
 Concen: 218.573 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

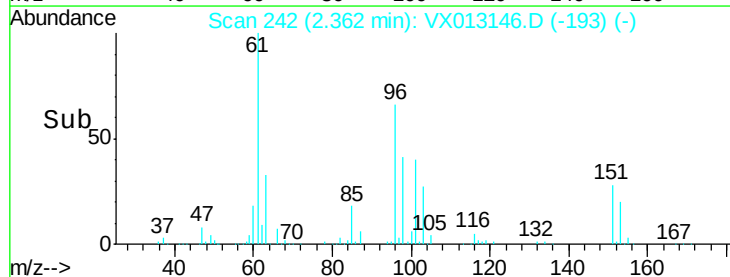
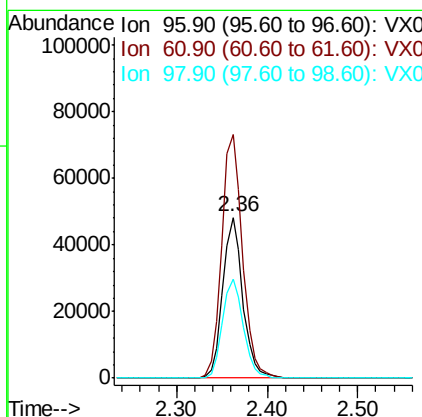
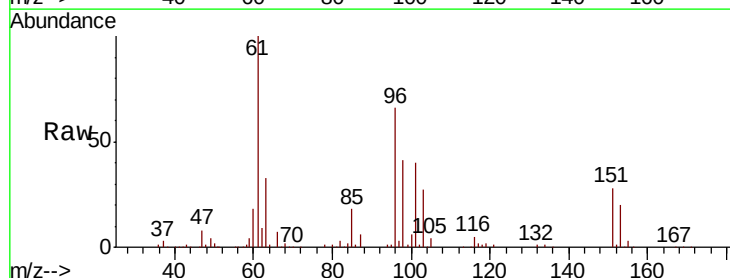
Tot Ion: 59 Resp: 99727
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

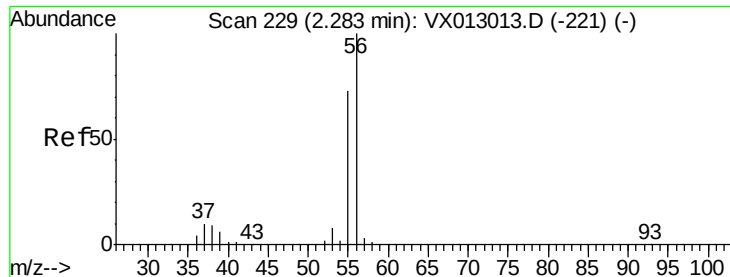


#12

1,1-Dichloroethene
 Concen: 53.513 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 96 Resp: 74469
 Ion Ratio Lower Upper
 96 100
 61 151.5 132.2 198.4
 98 61.5 50.5 75.7





#13

Acrolein

Concen: 219.440 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

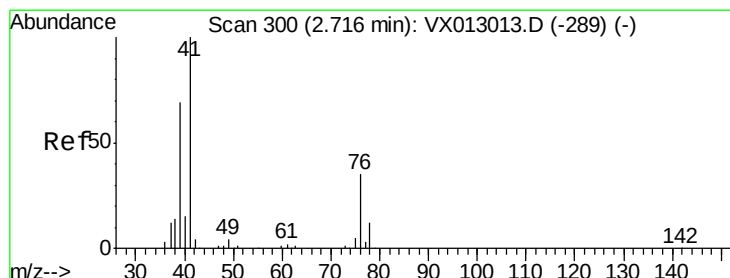
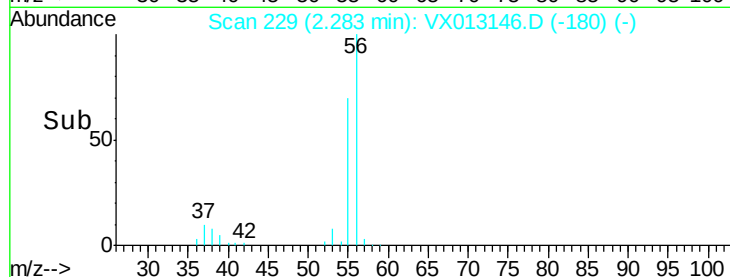
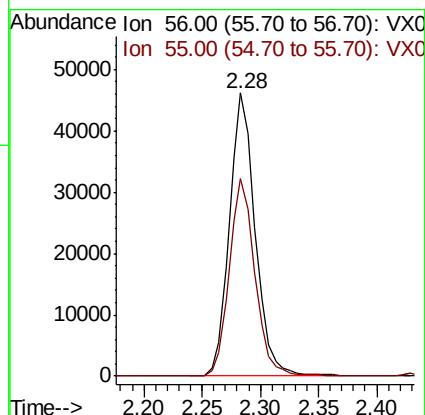
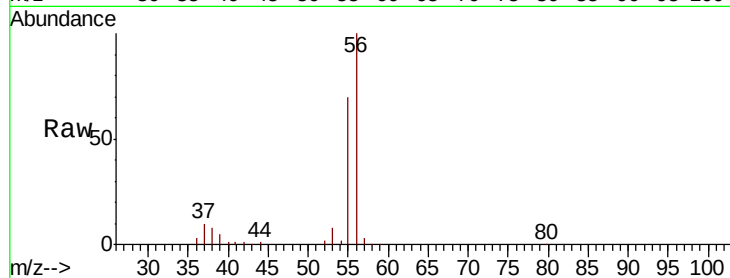
VSTDCCC050EC

Tot Ion: 56 Resp: 71153

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 47.810 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

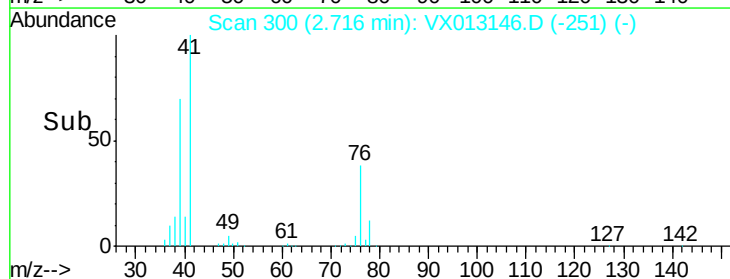
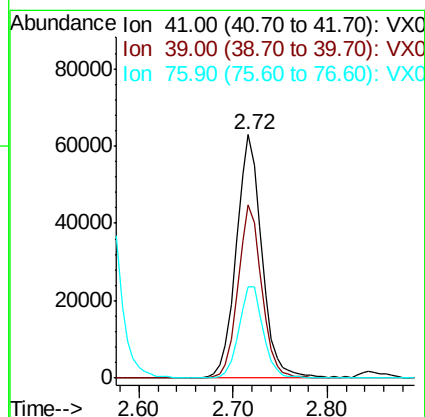
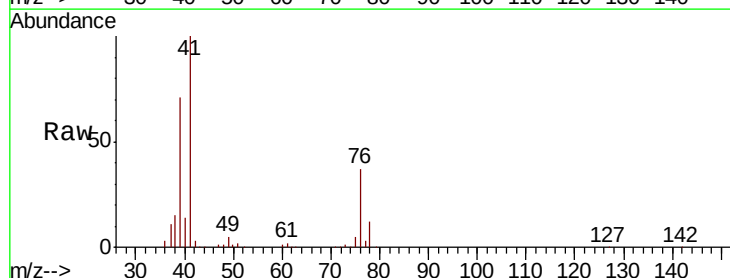
Tgt Ion: 41 Resp: 118485

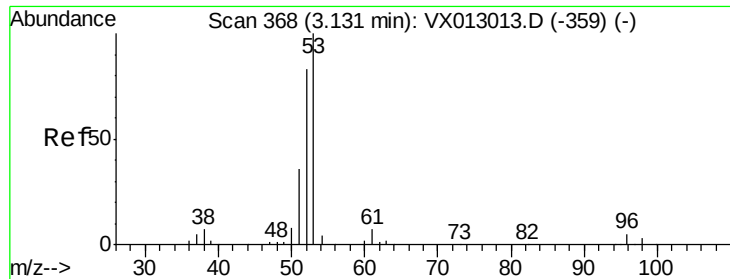
Ion Ratio Lower Upper

41 100

39 66.0 51.0 76.6

76 35.8 26.2 39.4



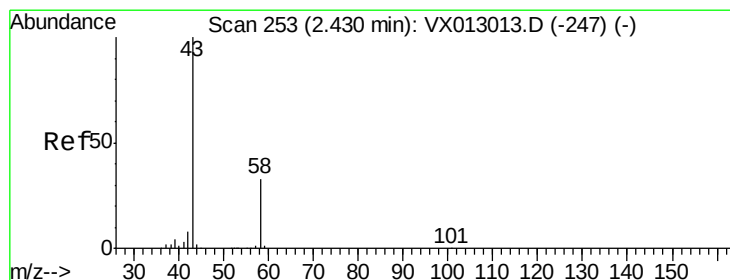
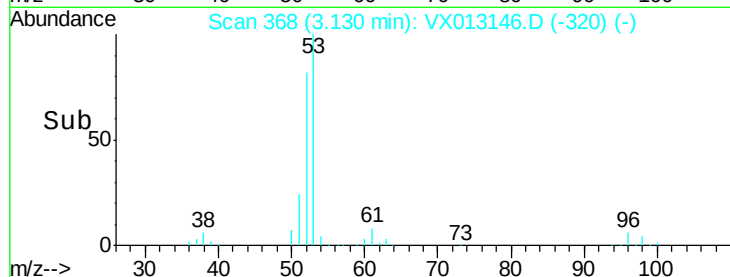
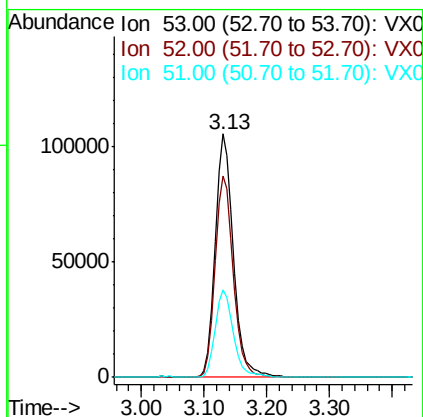
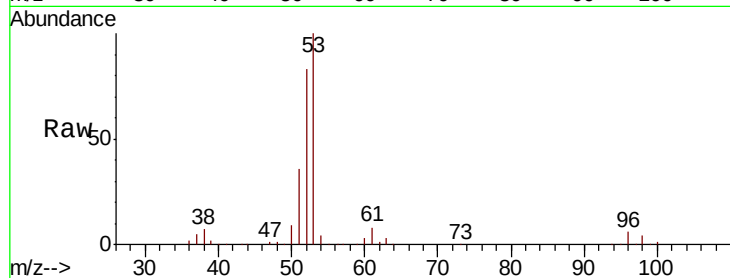


#15
 Acrylonitrile
 Concen: 244.674 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 211558

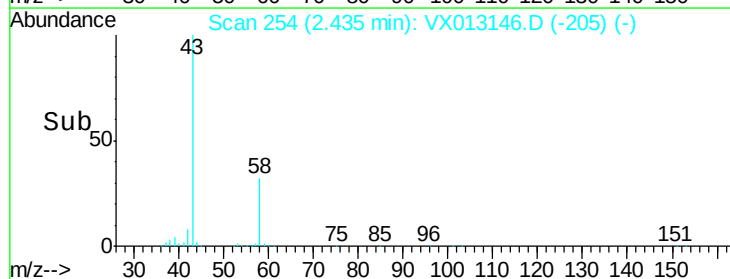
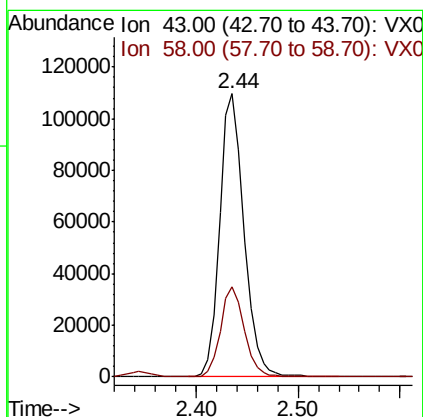
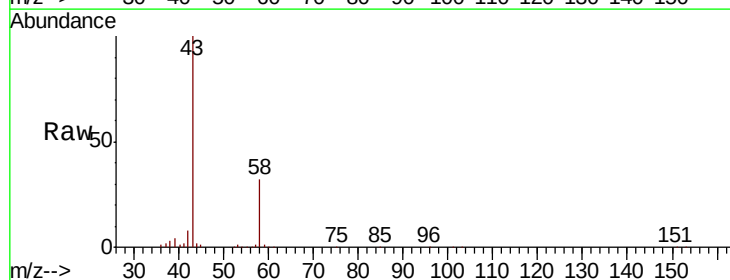
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.3	28.2	42.4

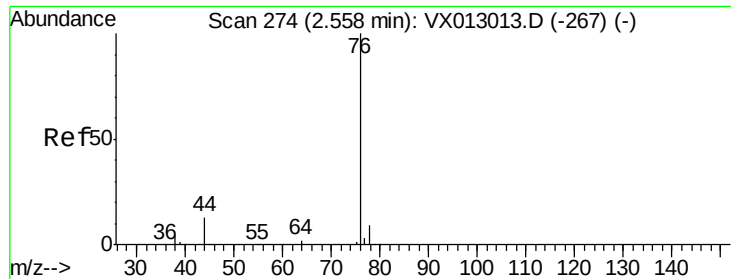


#16
 Acetone
 Concen: 200.215 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 43 Resp: 181640

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.2





#17

Carbon Disulfide

Concen: 49.533 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

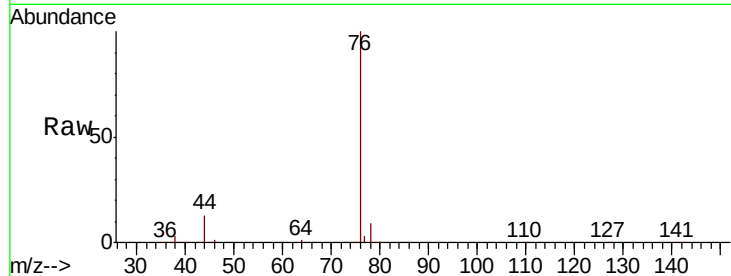
VSTDCCC050EC

Tot Ion: 76 Resp: 196549

Ion Ratio Lower Upper

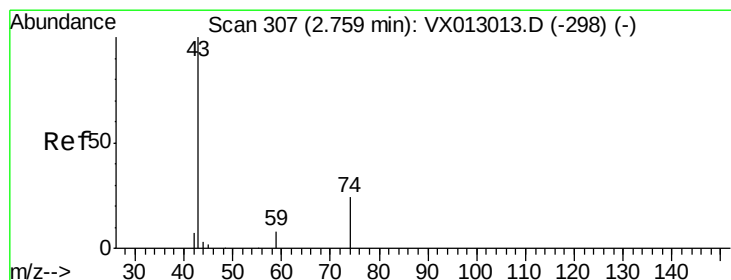
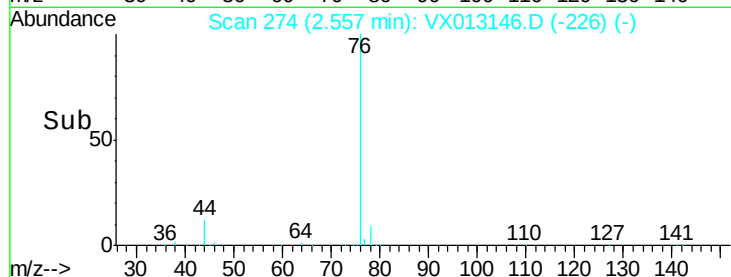
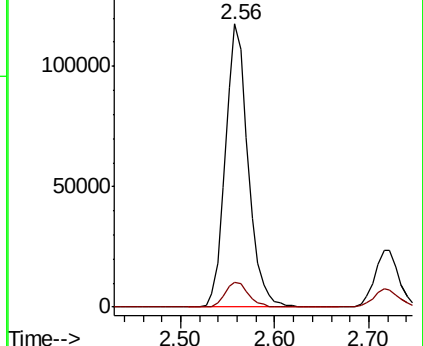
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.648 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013146.D

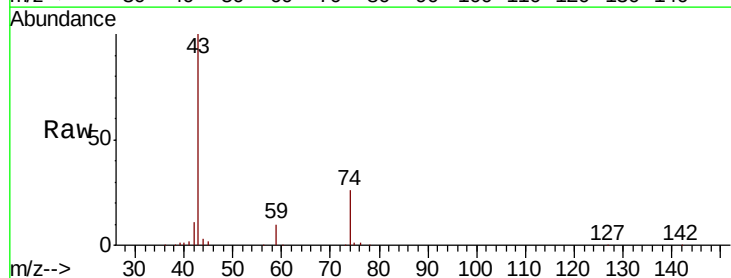
Acq: 18 Oct 2019 22:34

Tgt Ion: 43 Resp: 119664

Ion Ratio Lower Upper

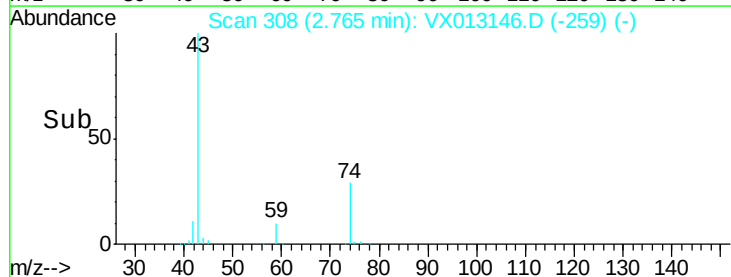
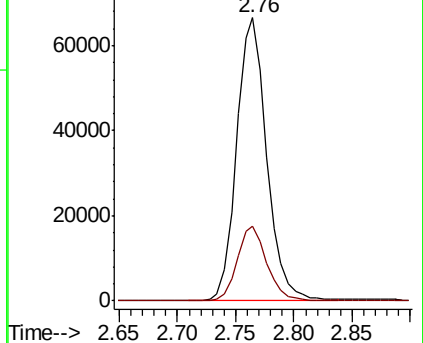
43 100

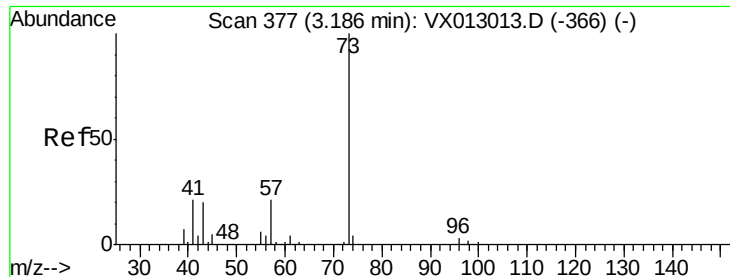
74 26.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

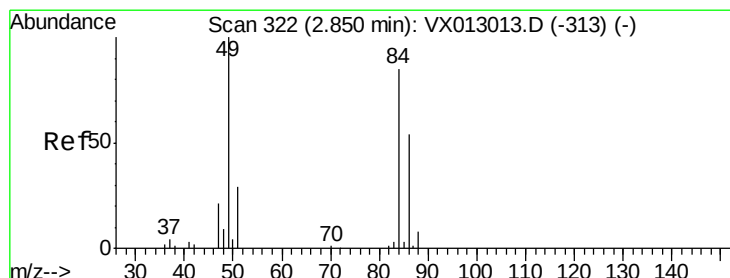
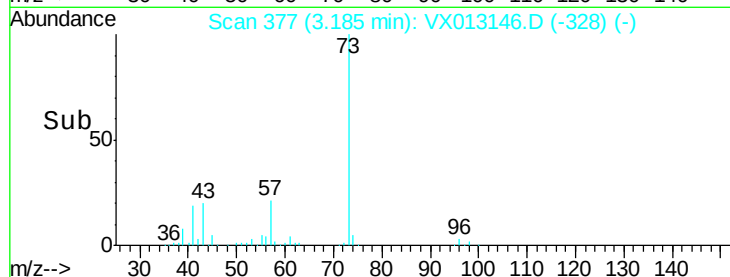
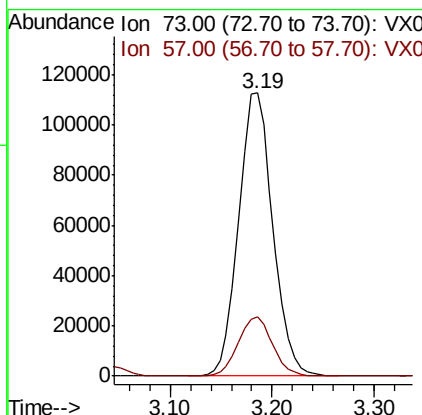
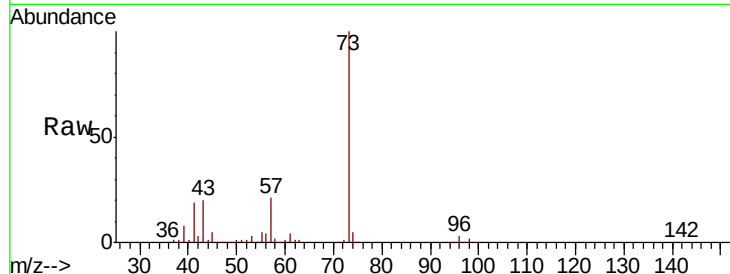




#19
Methyl tert-butyl Ether
Concen: 54.652 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

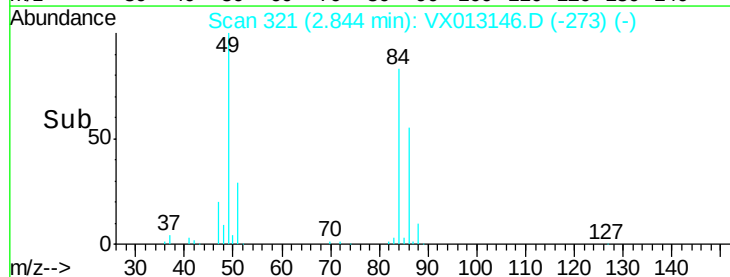
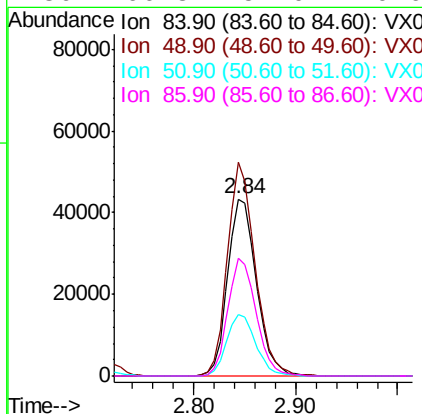
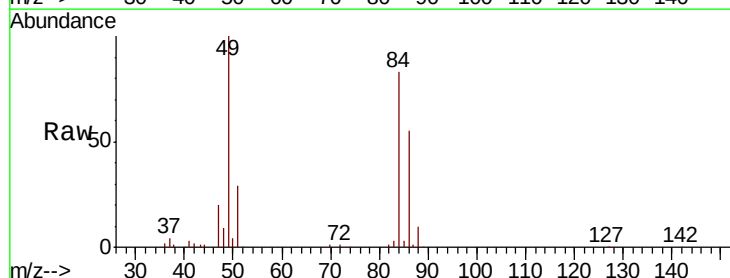
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

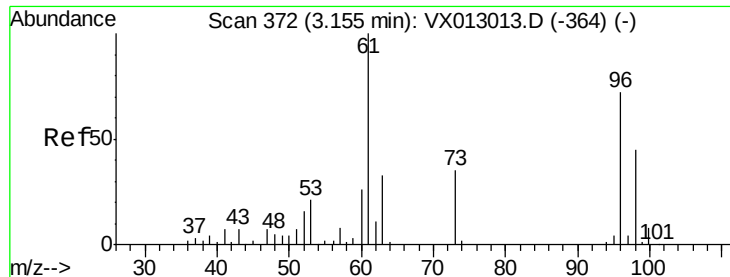
Tot Ion: 73 Resp: 262639
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.6



#20
Methylene Chloride
Concen: 50.695 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 84 Resp: 84524
Ion Ratio Lower Upper
84 100
49 120.9 96.6 144.8
51 34.8 30.7 46.1
86 66.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.452 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

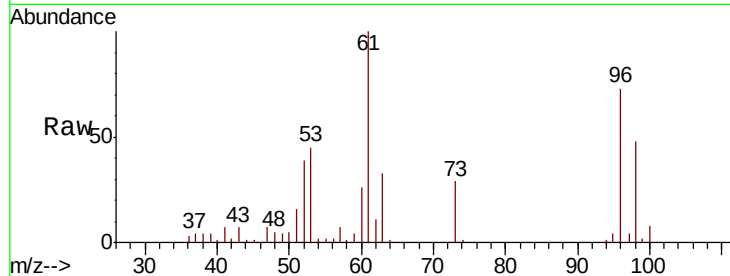
Tot Ion: 96 Resp: 79726

Ion Ratio Lower Upper

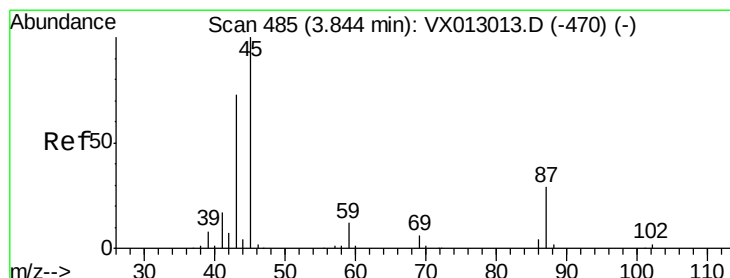
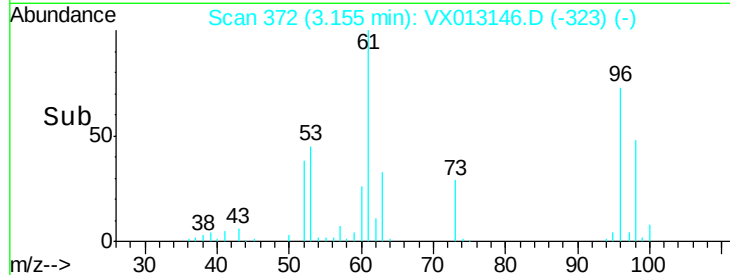
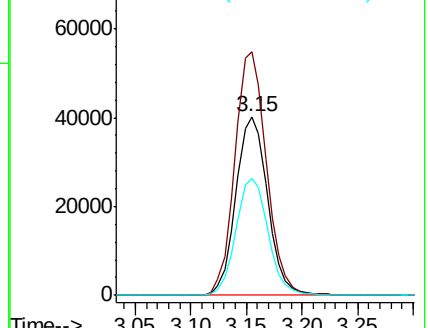
96 100

61 136.4 110.4 165.6

98 65.5 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.898 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Tgt Ion: 45 Resp: 236956

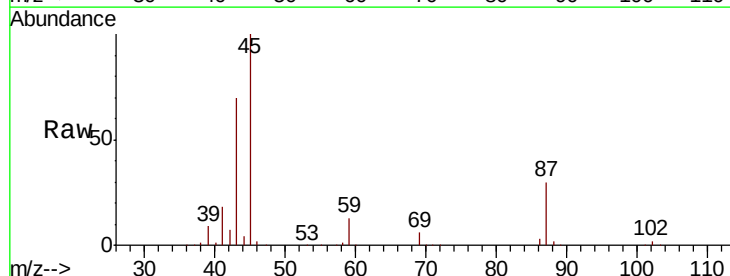
Ion Ratio Lower Upper

45 100

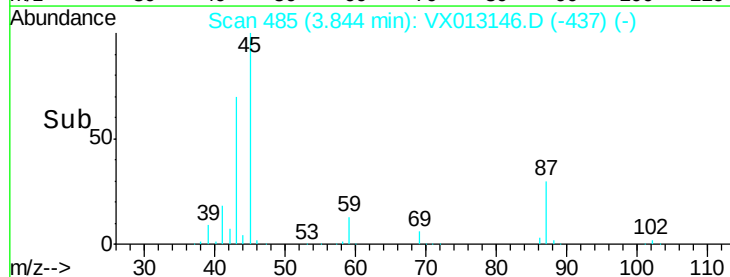
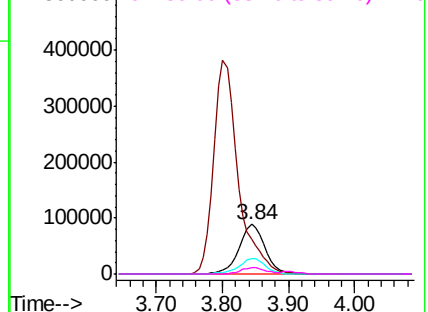
43 70.0 51.4 77.0

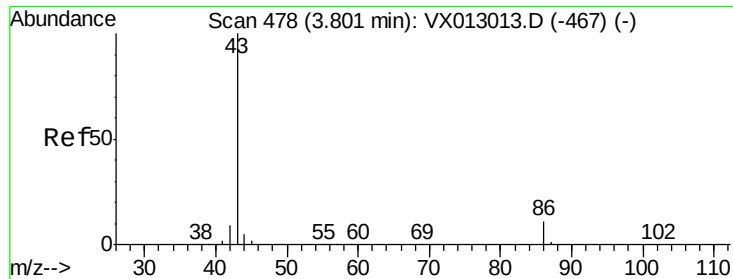
87 30.3 22.5 33.7

59 12.6 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 239.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

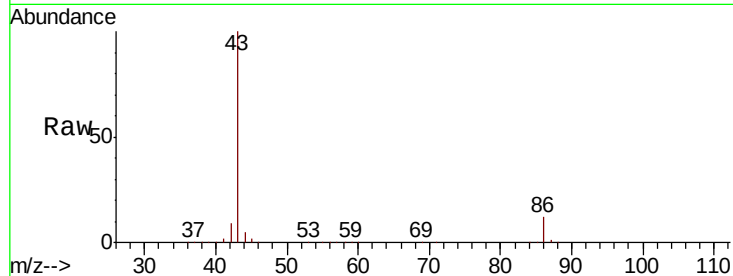
VSTDCCC050EC

Tot Ion: 43 Resp: 982447

Ion Ratio Lower Upper

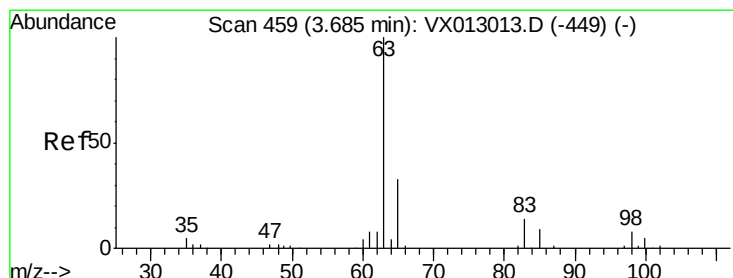
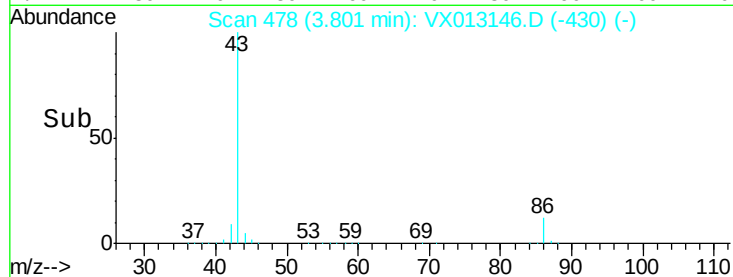
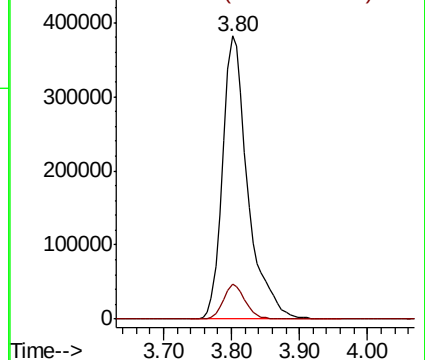
43 100

86 12.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.996 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

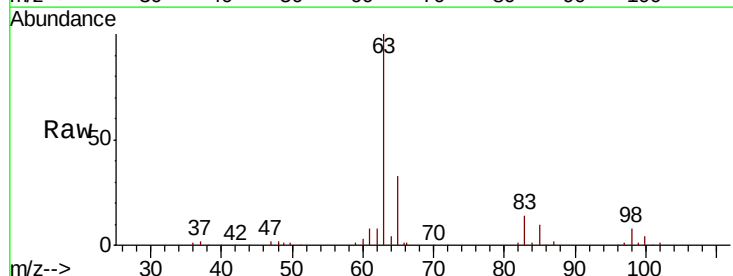
Tgt Ion: 63 Resp: 141582

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

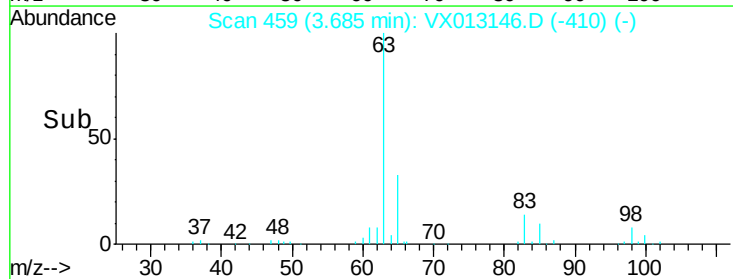
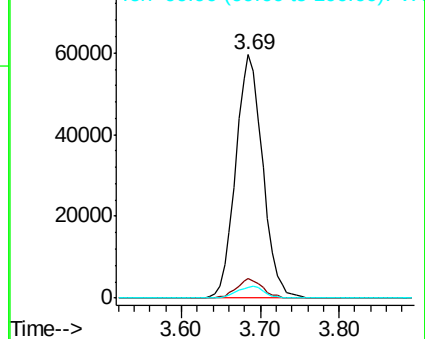
100 4.4 2.3 6.9

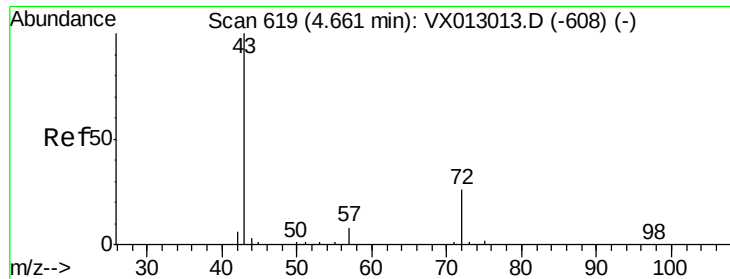


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.043 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

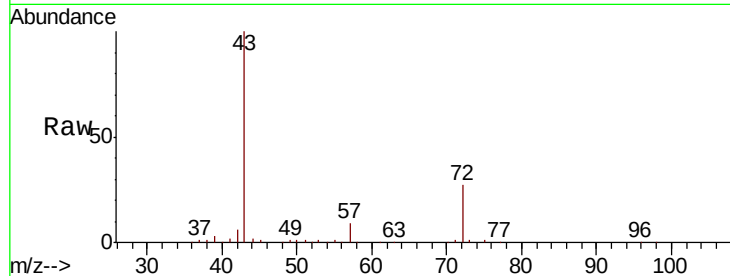
VSTDCCC050EC

Tot Ion: 43 Resp: 281991

Ion Ratio Lower Upper

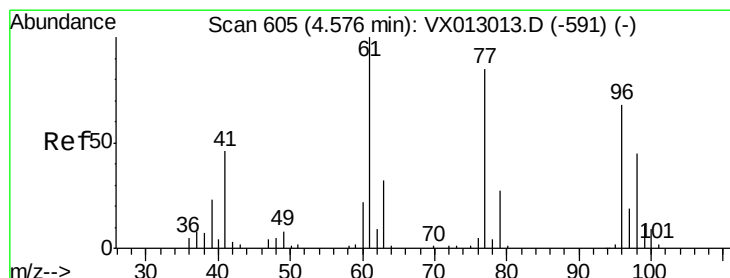
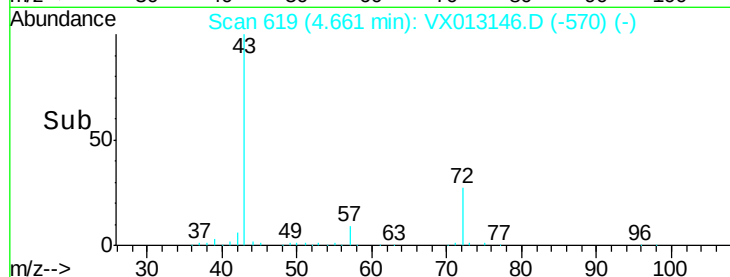
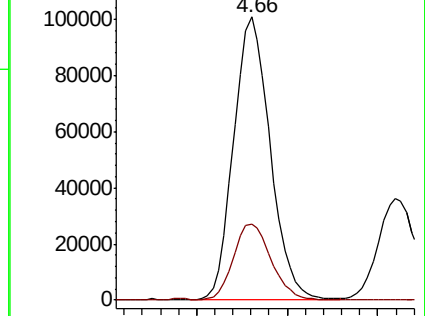
43 100

72 26.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.236 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013146.D

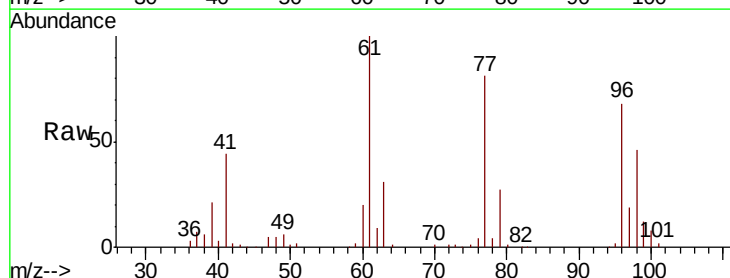
Acq: 18 Oct 2019 22:34

Tgt Ion: 77 Resp: 108364

Ion Ratio Lower Upper

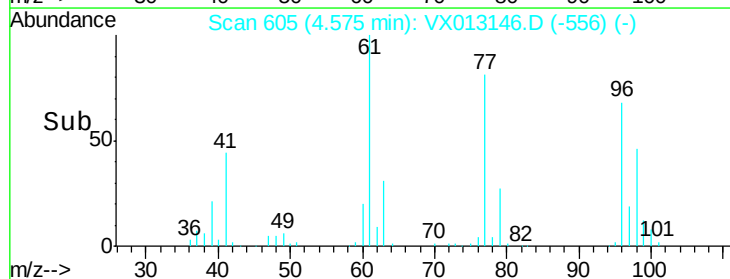
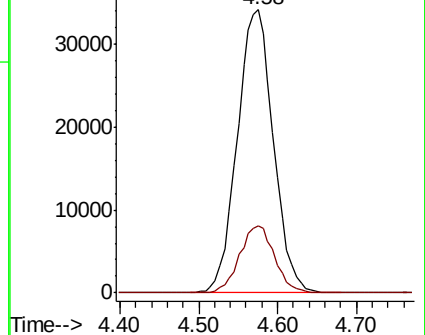
77 100

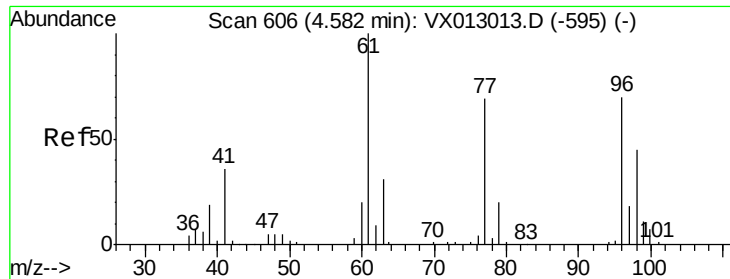
97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



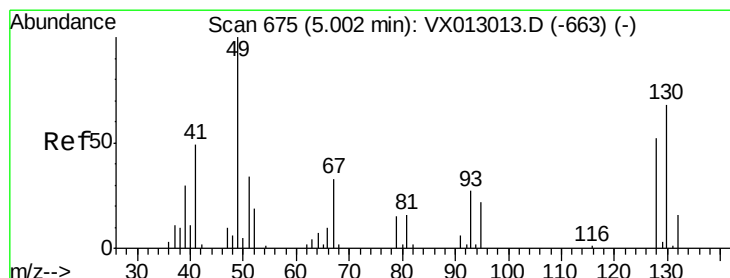
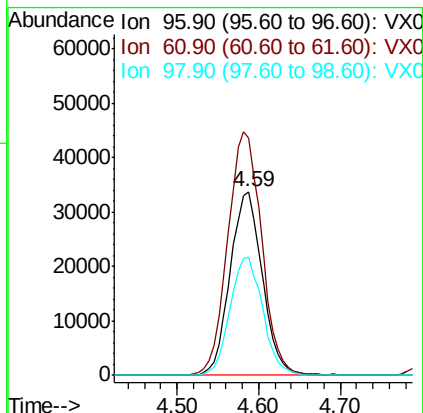
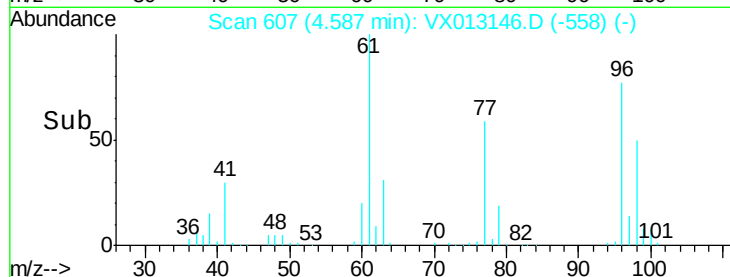
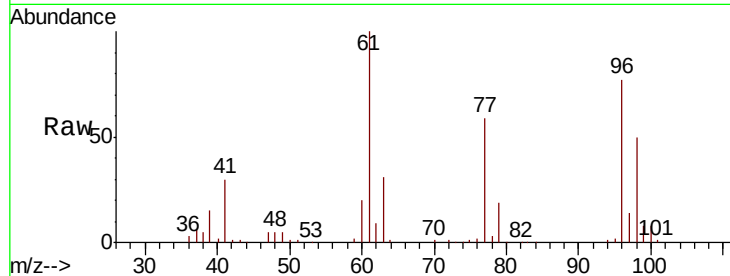


#27

cis-1,2-Dichloroethene
 Concen: 53.420 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

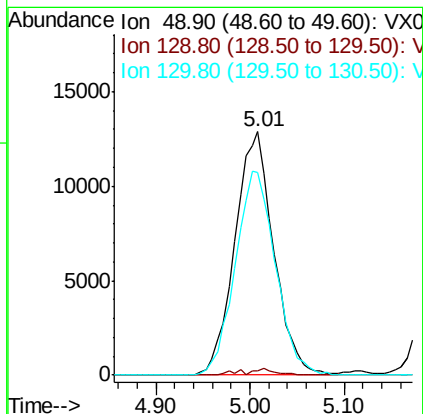
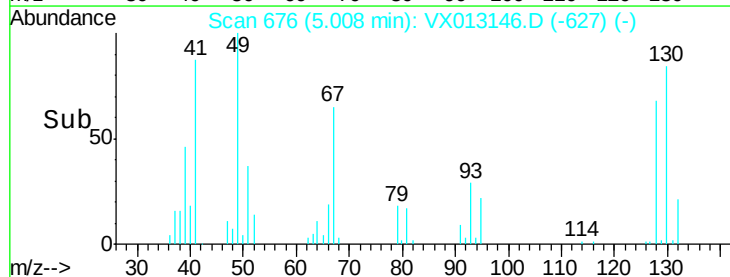
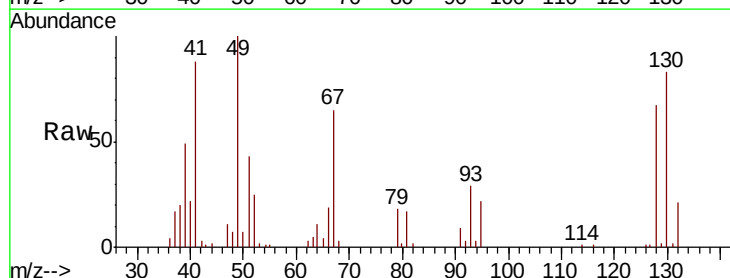
Tot Ion: 96 Resp: 91843
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 290.6
 98 65.4 0.0 128.8

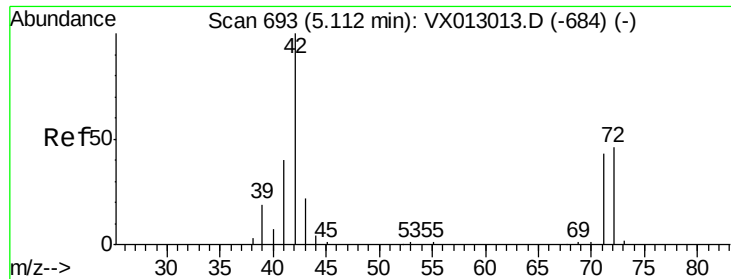


#28

Bromochloromethane
 Concen: 46.359 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 49 Resp: 37039
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 86.8 62.1 93.1





#29

Tetrahydrofuran

Concen: 232.594 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

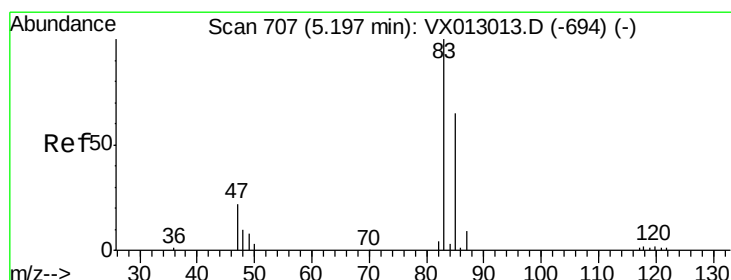
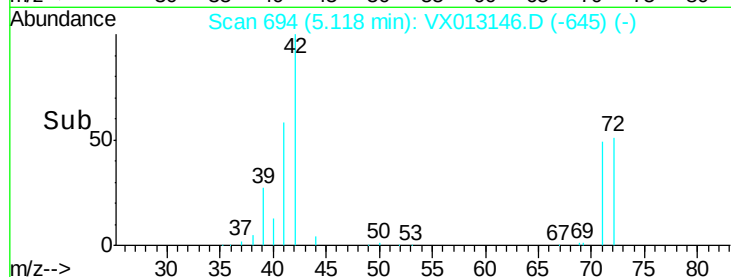
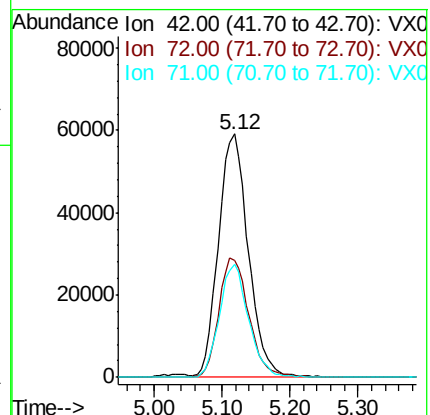
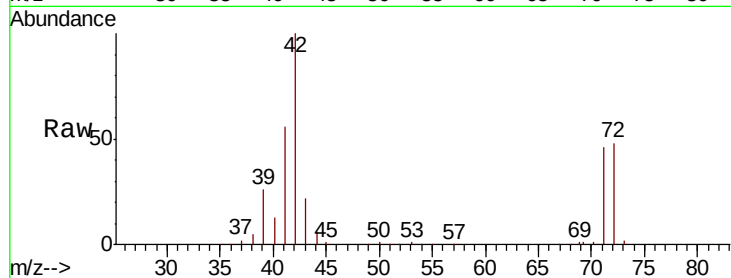
Tot Ion: 42 Resp: 180151

Ion Ratio Lower Upper

42 100

72 49.5 36.9 55.3

71 45.7 33.5 50.3



#30

Chloroform

Concen: 54.473 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013146.D

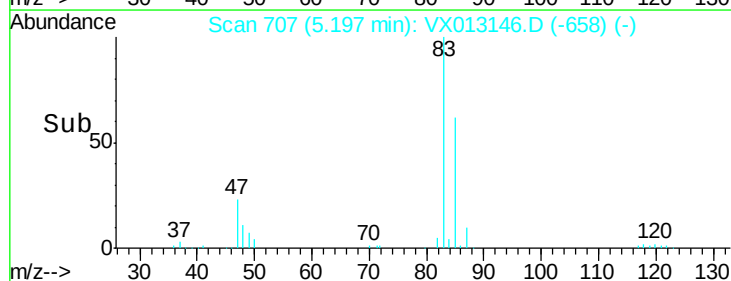
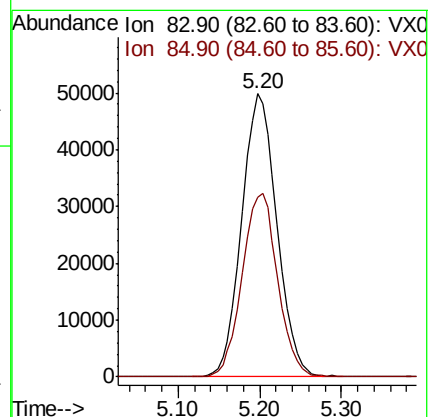
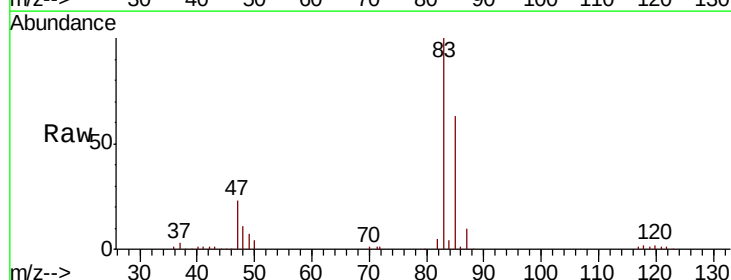
Acq: 18 Oct 2019 22:34

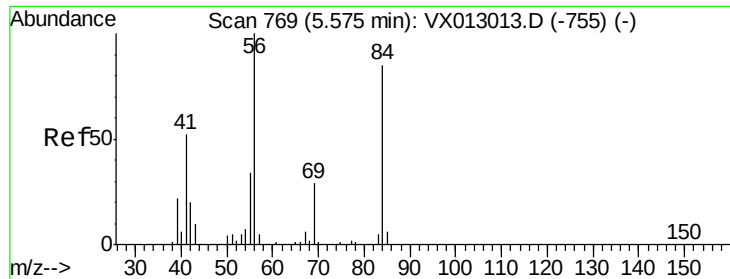
Tgt Ion: 83 Resp: 149322

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3

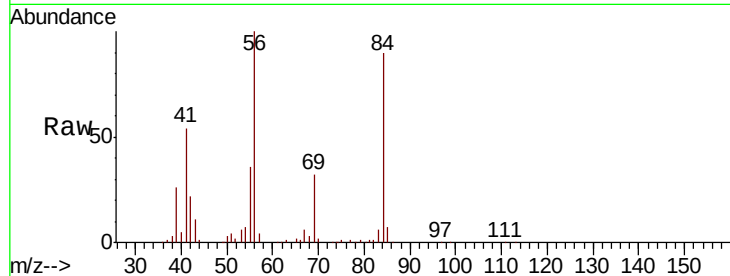




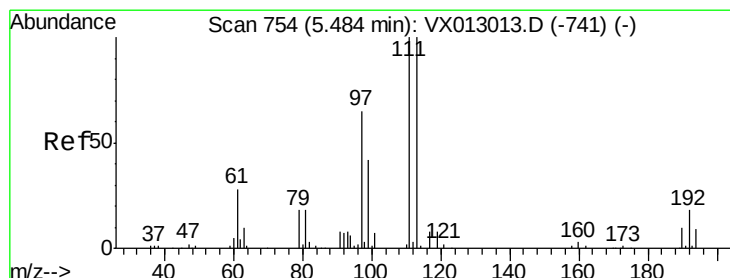
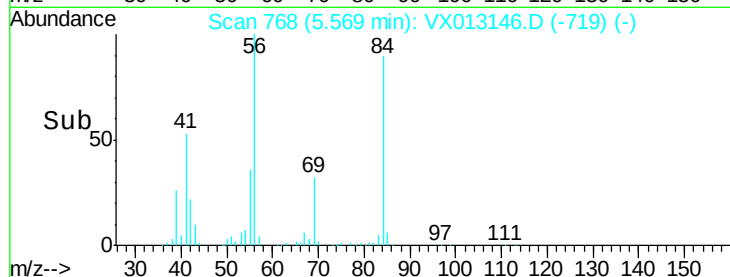
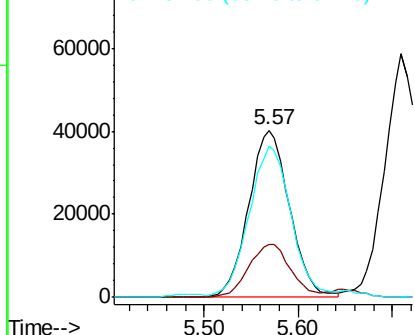
#31
Cyclohexane
Concen: 48.991 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.2	37.8
84	88.5	71.3	106.9

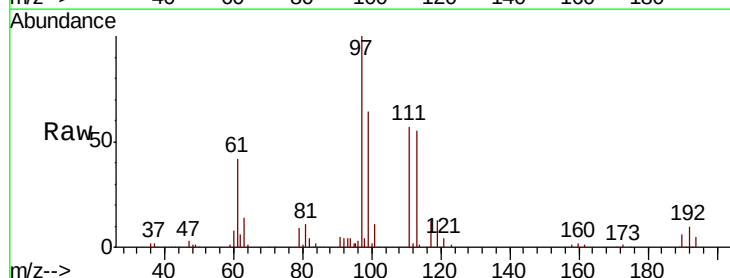


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

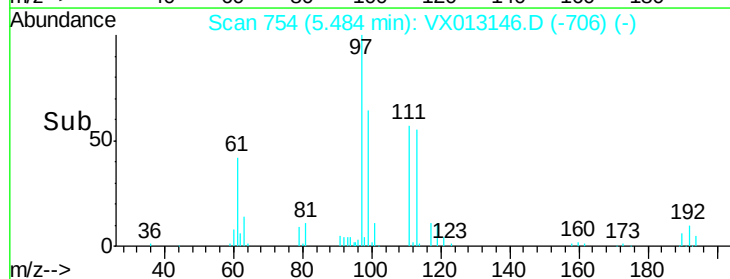
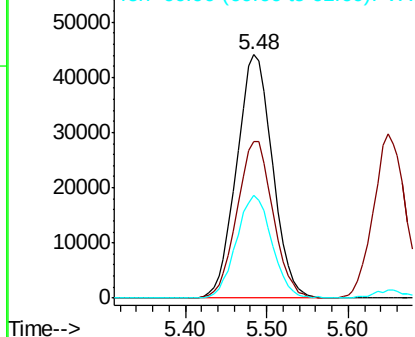


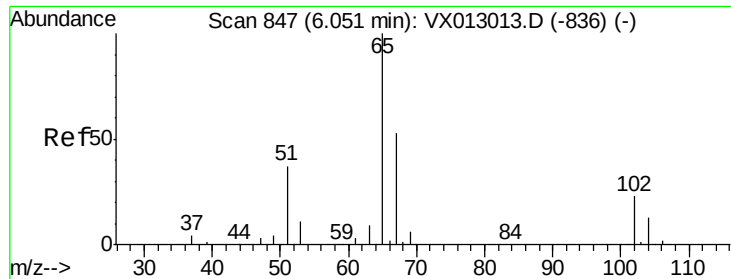
#32
1,1,1-Trichloroethane
Concen: 57.910 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	42.1	35.0	52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

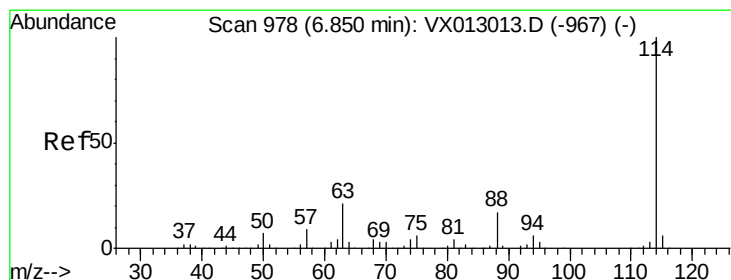
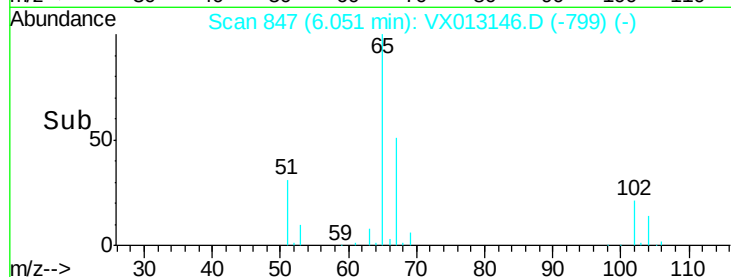
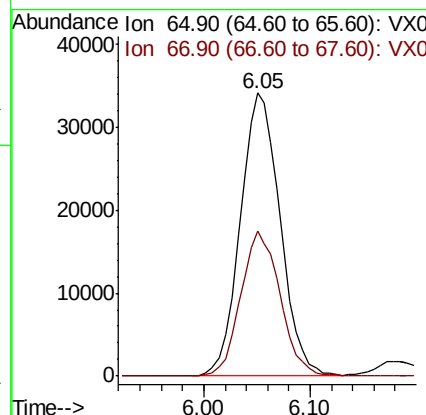
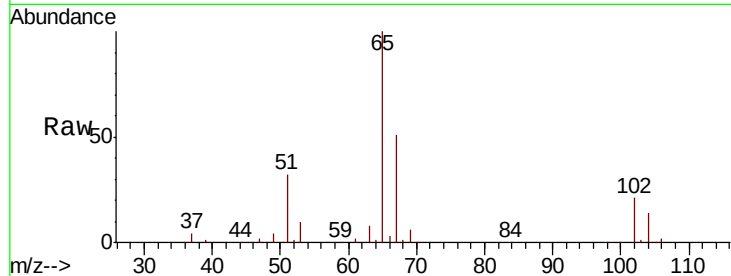




#33
 1,2-Dichloroethane-d4
 Concen: 51.920 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

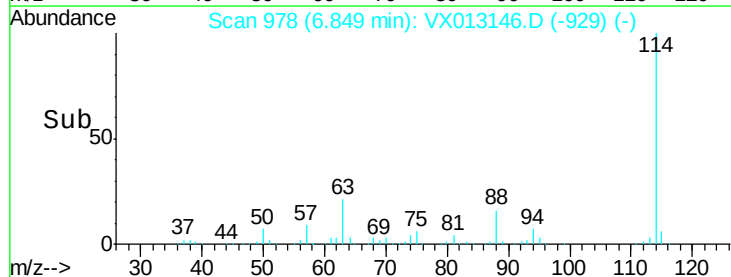
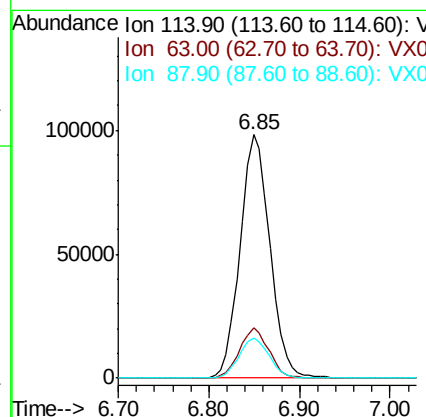
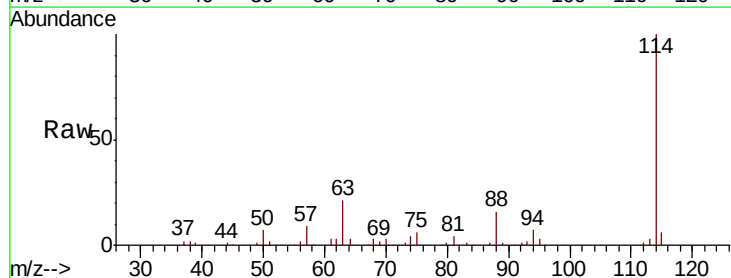
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

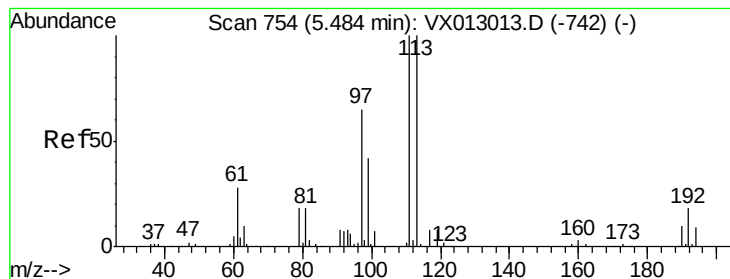
Tot Ion: 65 Resp: 89363
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 114 Resp: 224008
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.516 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

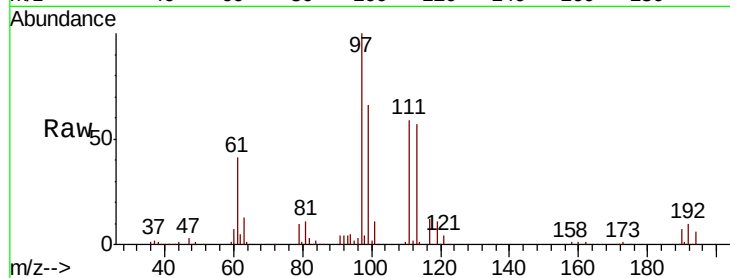
Tot Ion:113 Resp: 70091

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

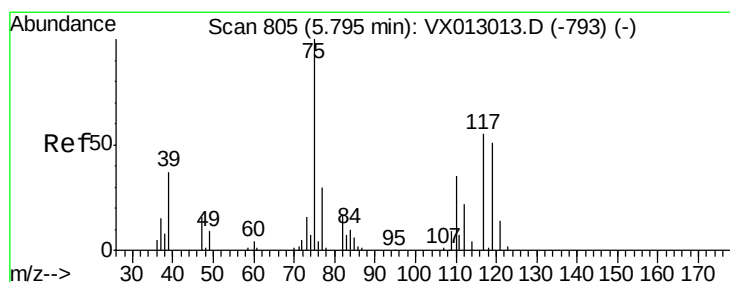
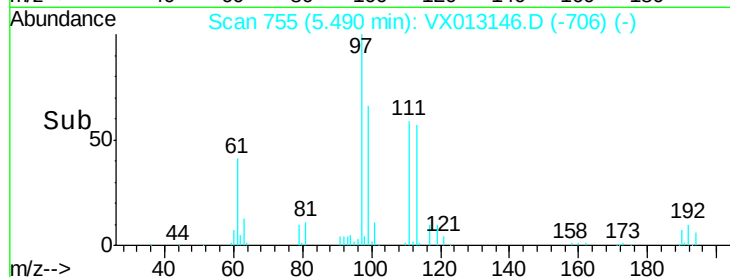
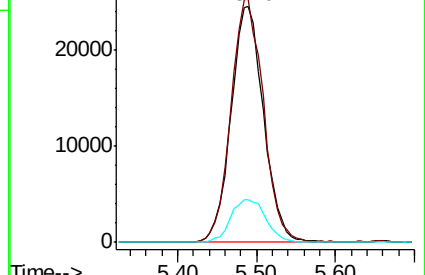
192 19.7 15.4 23.2



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: 55.067 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

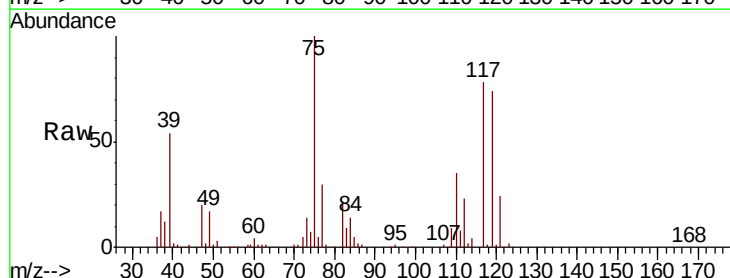
Tgt Ion: 75 Resp: 108454

Ion Ratio Lower Upper

75 100

110 37.0 17.6 52.9

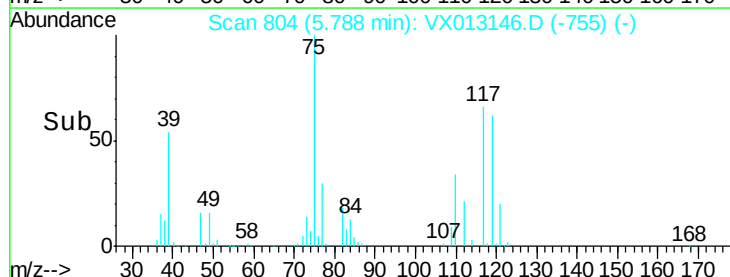
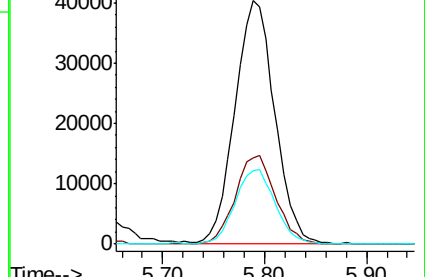
77 31.4 24.4 36.6

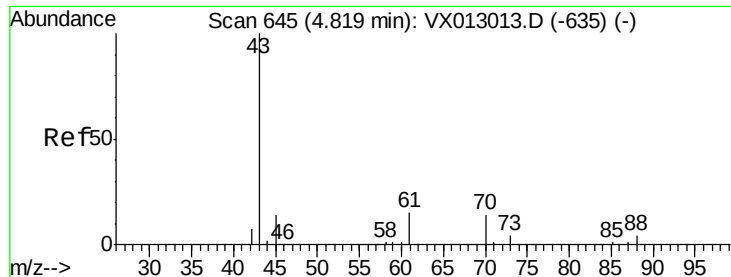


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.994 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

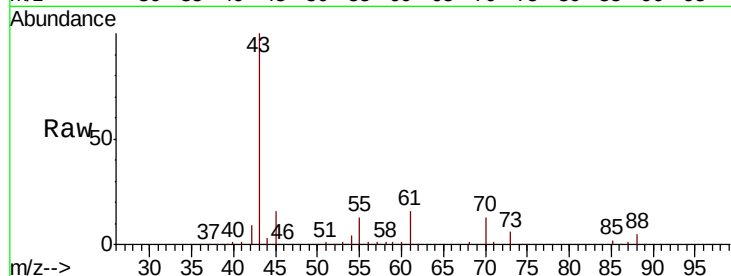
Tot Ion: 43 Resp: 107897

Ion Ratio Lower Upper

43 100

61 14.9 11.4 17.0

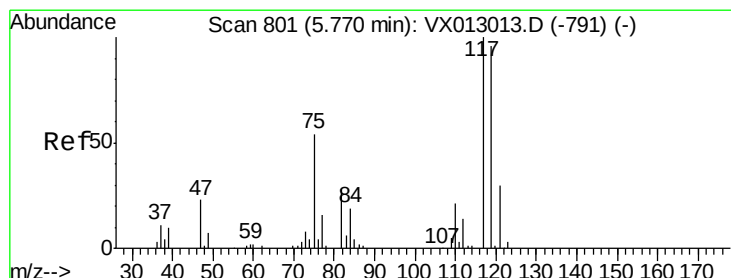
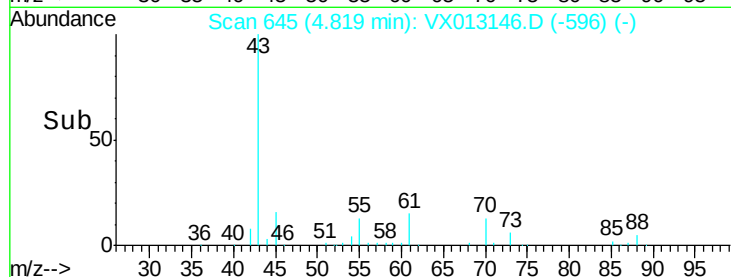
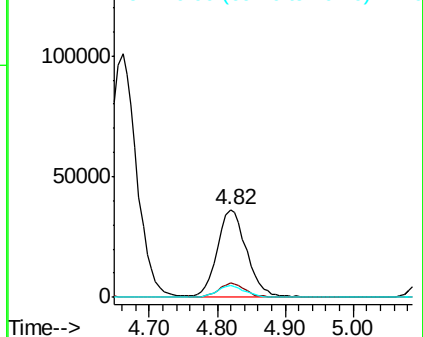
70 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 60.472 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

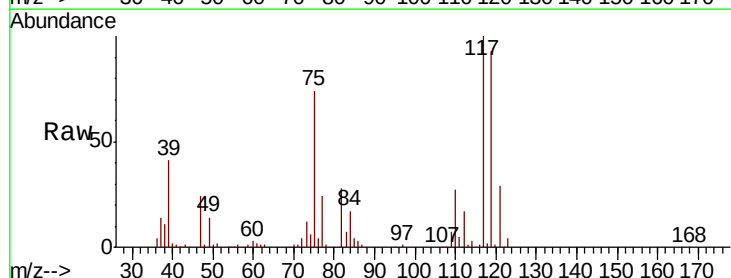
Tgt Ion: 117 Resp: 115925

Ion Ratio Lower Upper

117 100

119 92.8 74.5 111.7

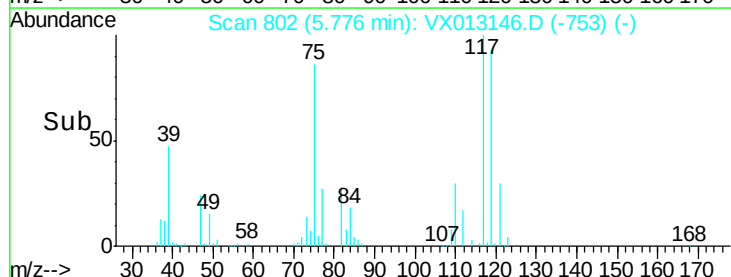
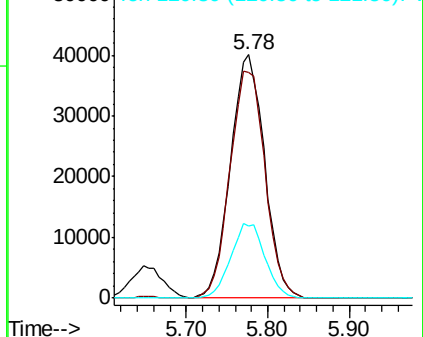
121 29.4 24.2 36.4

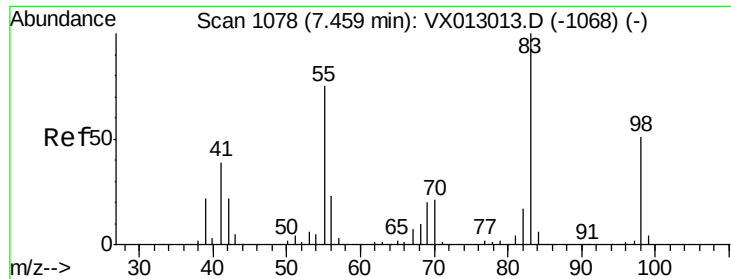


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

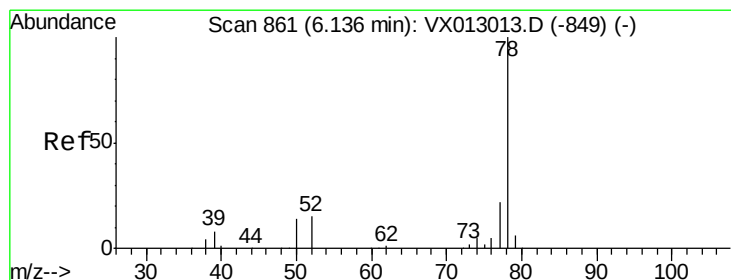
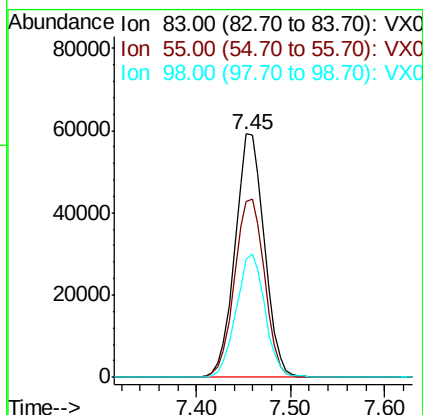
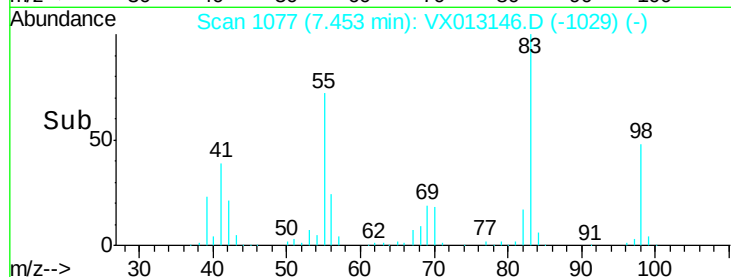
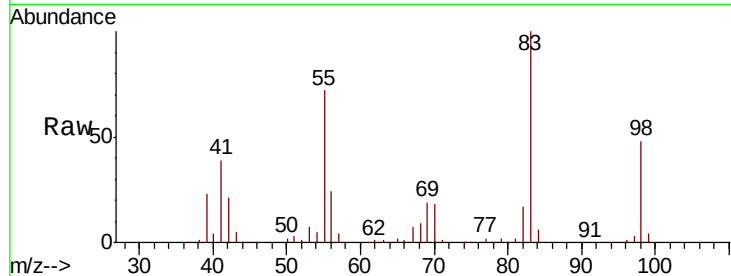




#39
Methylvlcyclohexane
Concen: 53.795 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

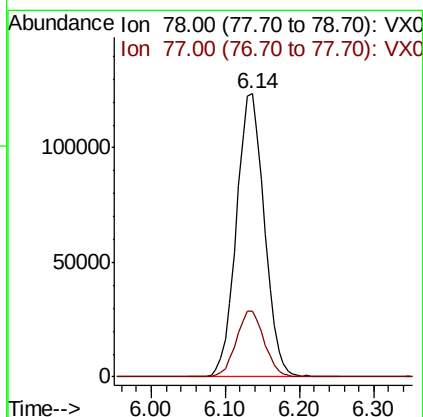
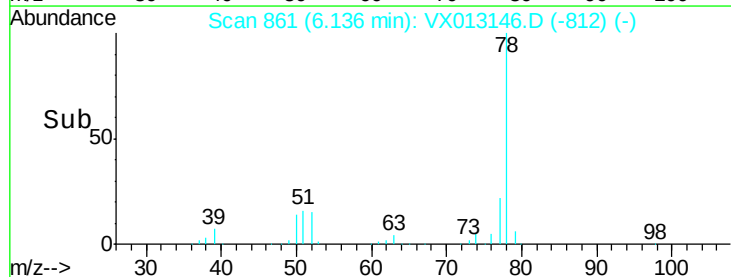
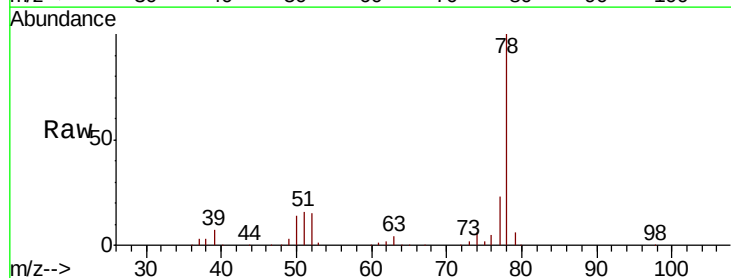
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

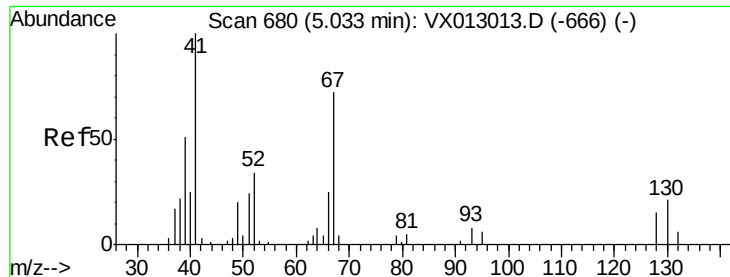
Tot Ion: 83 Resp: 128488
Ion Ratio Lower Upper
83 100
55 72.2 60.2 90.4
98 48.3 38.5 57.7



#40
Benzene
Concen: 56.224 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 78 Resp: 327051
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

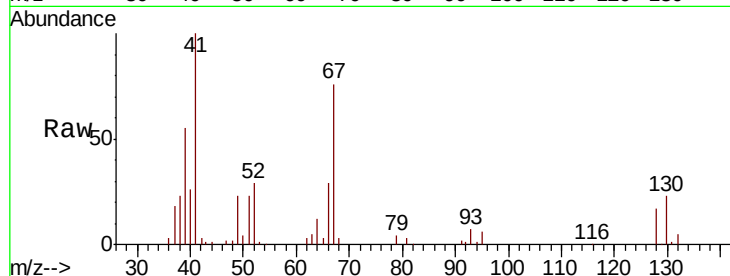




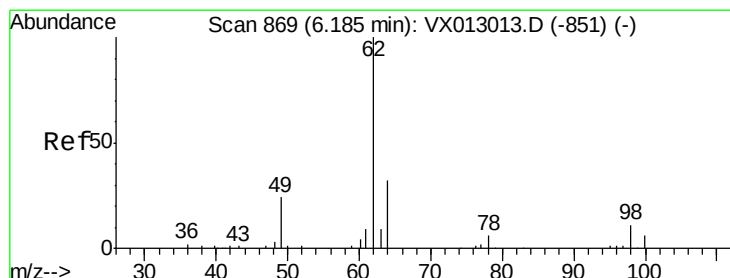
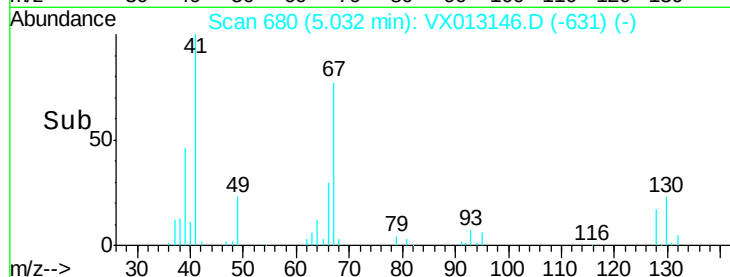
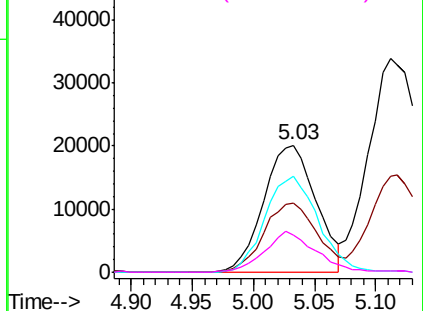
#41
Methacrylonitrile
Concen: 49.783 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	60243
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.0	66.0
67	77.0	58.5	87.7
52	31.2	23.8	35.8

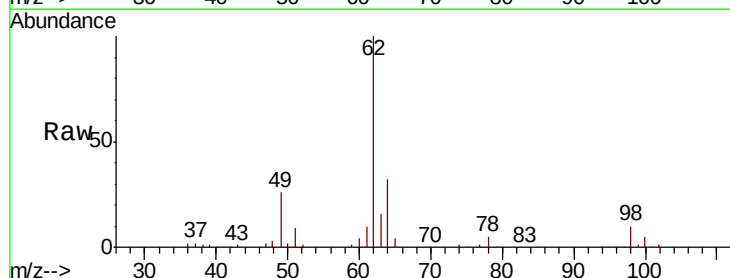


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

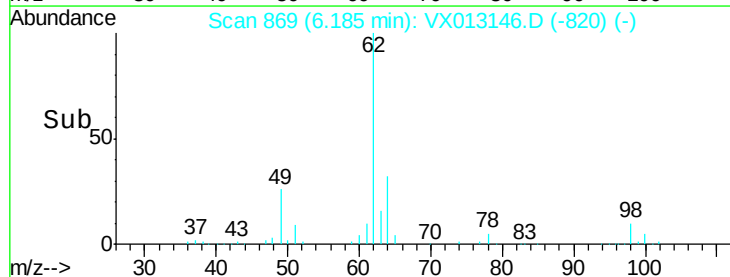
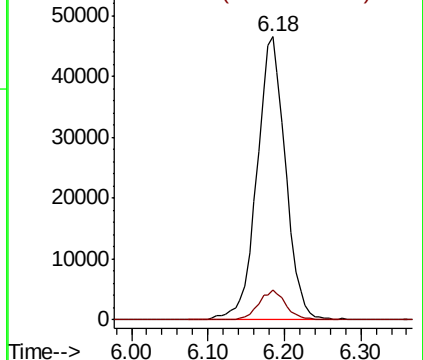


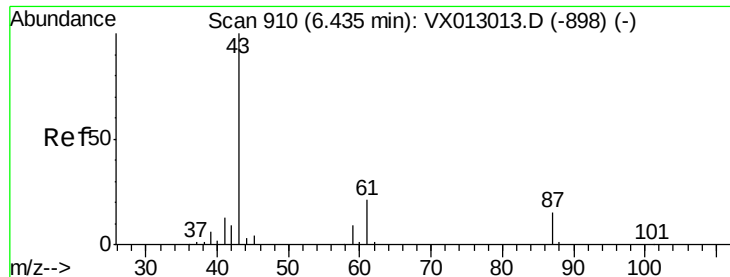
#42
1,2-Dichloroethane
Concen: 58.141 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion:	62	Resp:	121356
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.252 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

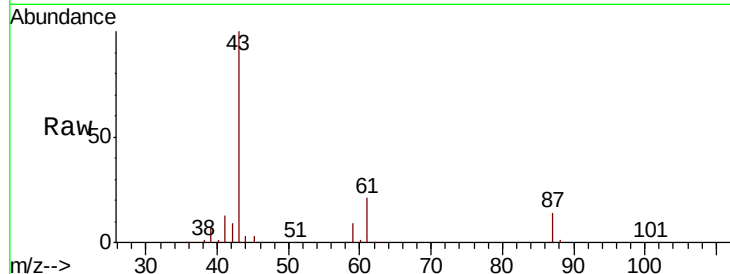
Tot Ion: 43 Resp: 181162

Ion Ratio Lower Upper

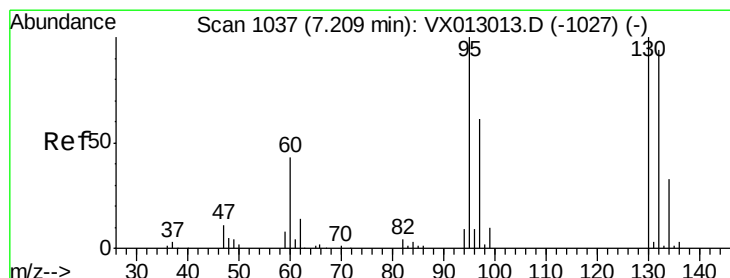
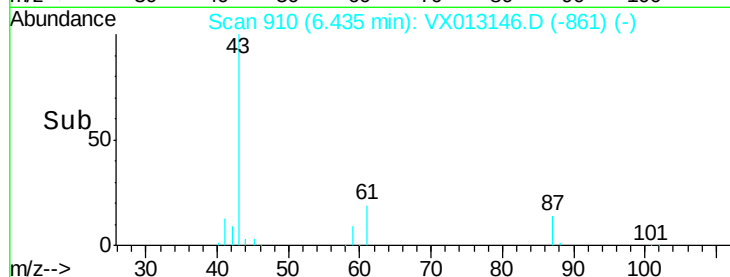
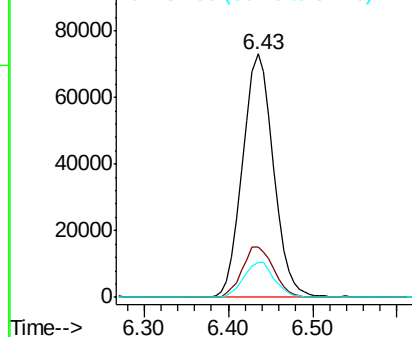
43 100

61 21.2 16.6 24.8

87 14.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.821 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013146.D

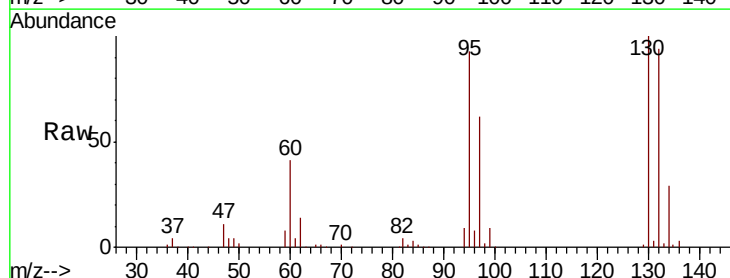
Acq: 18 Oct 2019 22:34

Tgt Ion: 130 Resp: 90041

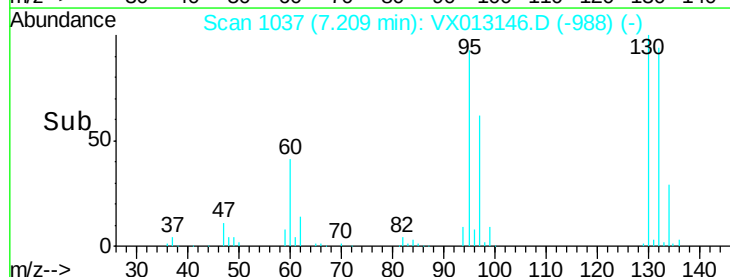
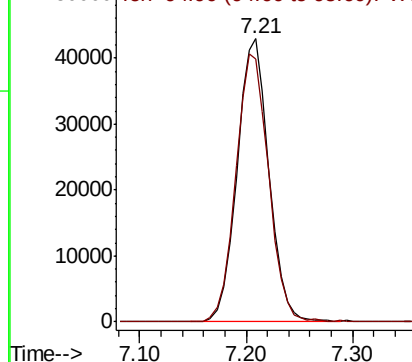
Ion Ratio Lower Upper

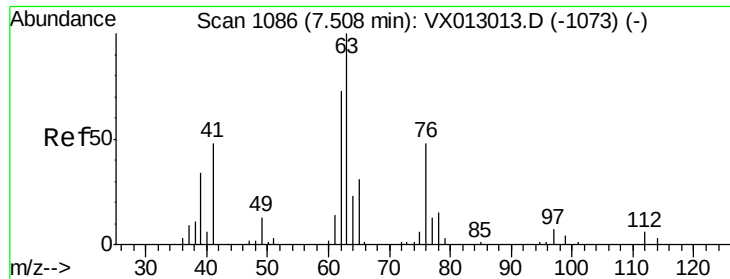
130 100

95 92.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

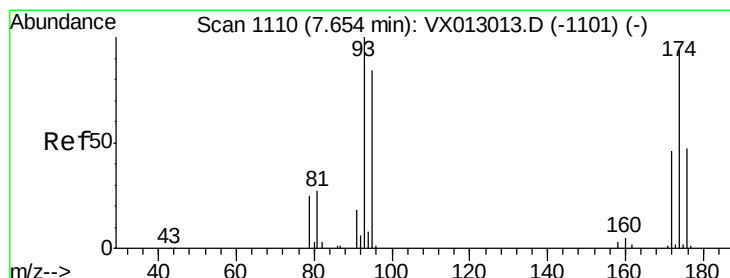
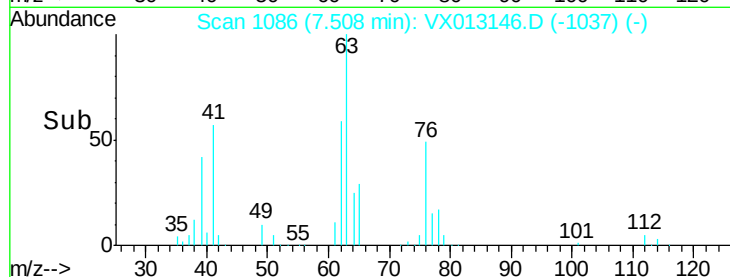
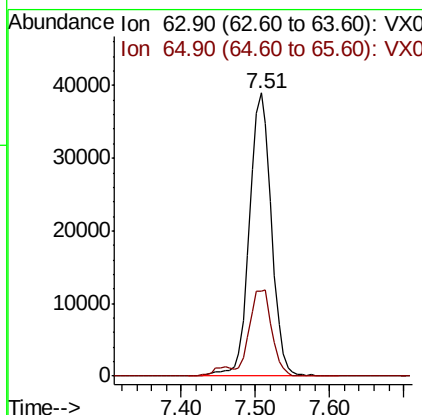
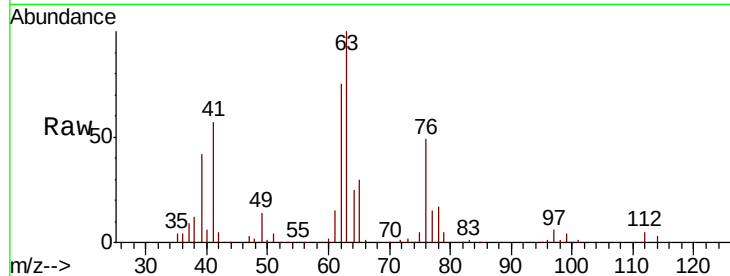




#45
 1,2-Dichloropropane
 Concen: 54.527 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

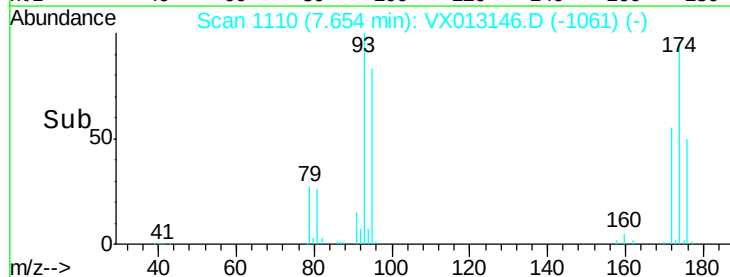
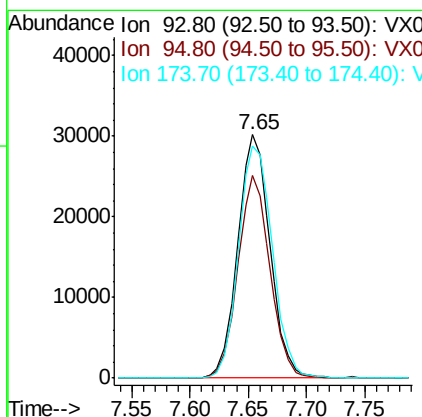
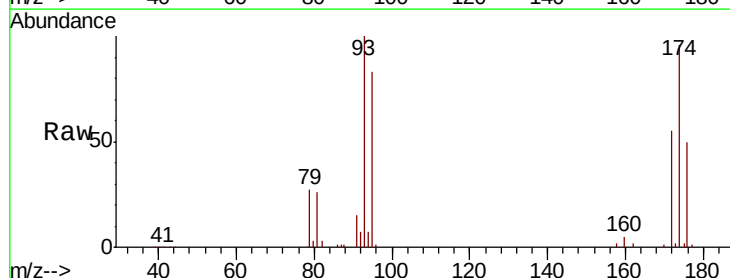
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

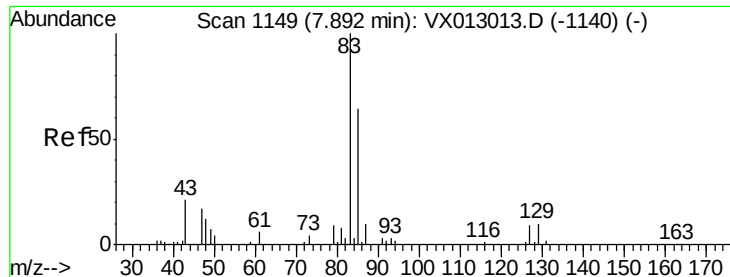
Tot Ion: 63 Resp: 80838
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0



#46
 Dibromomethane
 Concen: 58.949 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 93 Resp: 58227
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.3 99.5
 174 100.8 77.8 116.6





#47

Bromodichloromethane

Concen: 59.951 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

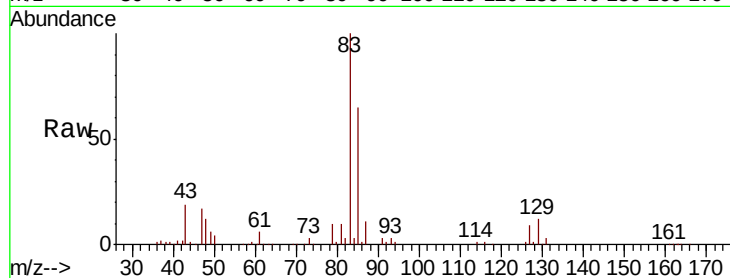
Tot Ion: 83 Resp: 115563

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6

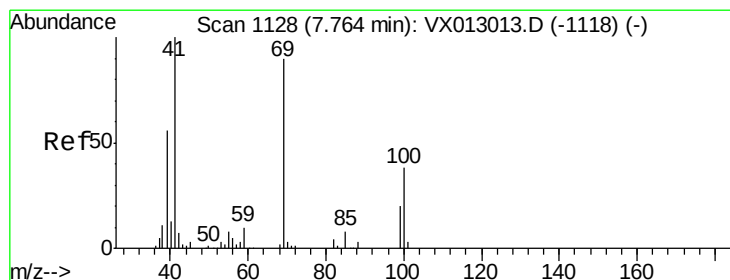
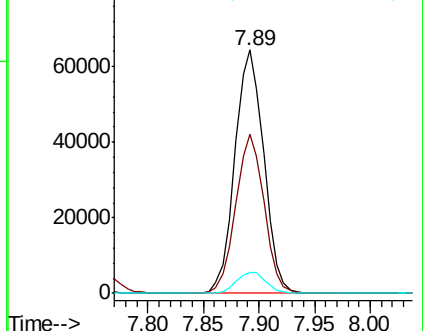
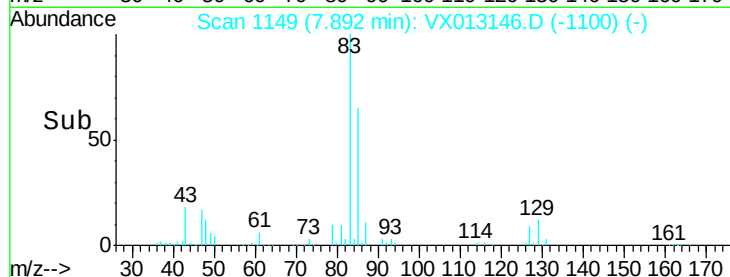
127 8.6 6.6 10.0



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: 52.136 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

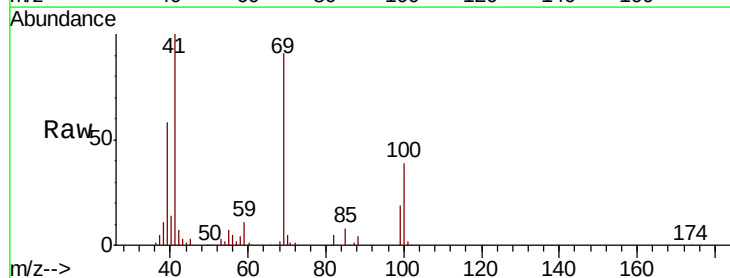
Tgt Ion: 41 Resp: 89804

Ion Ratio Lower Upper

41 100

69 89.1 68.7 103.1

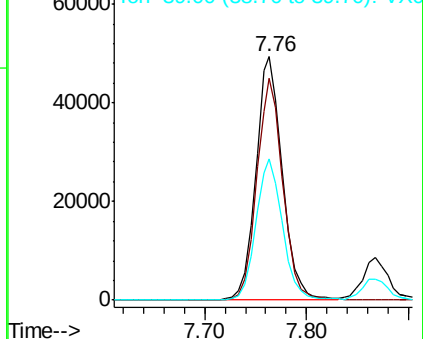
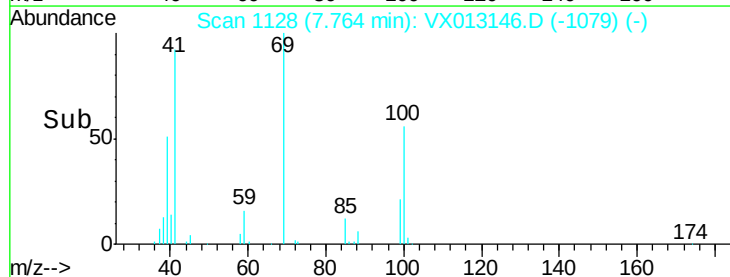
39 58.0 44.3 66.5

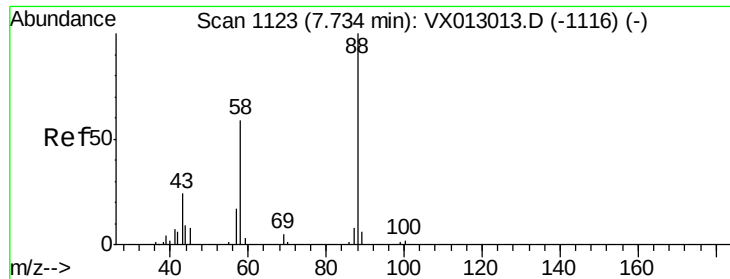


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

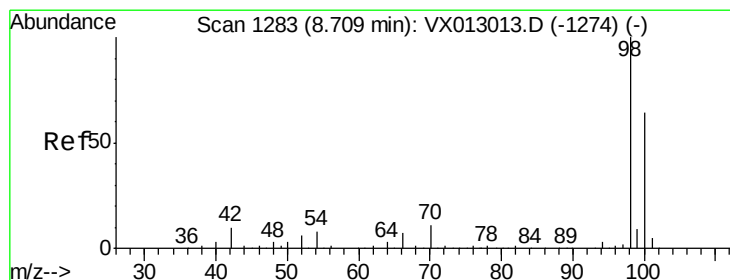
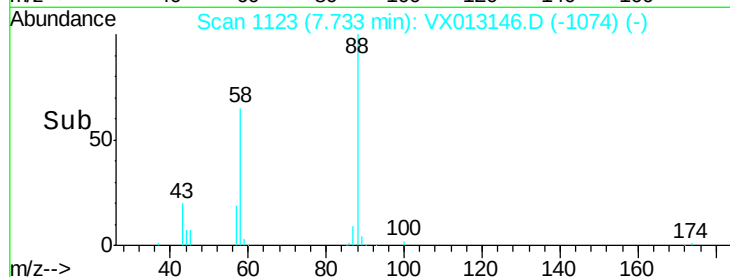
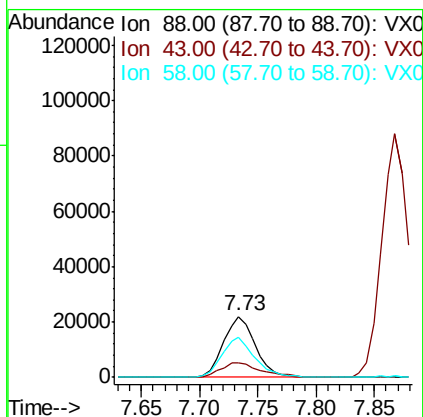
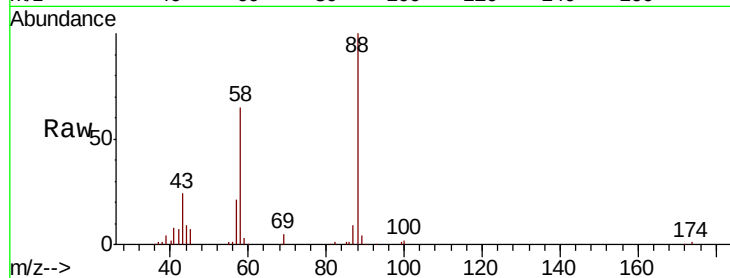




#49
1,4-Dioxane
Concen: 904.303 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

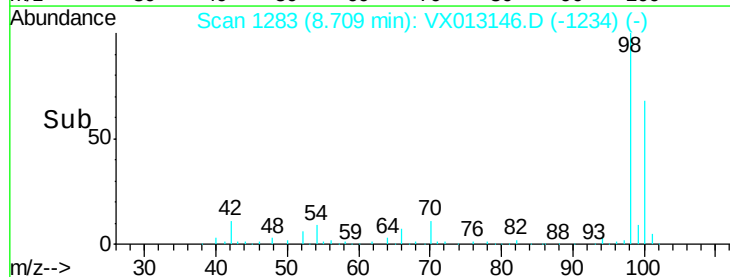
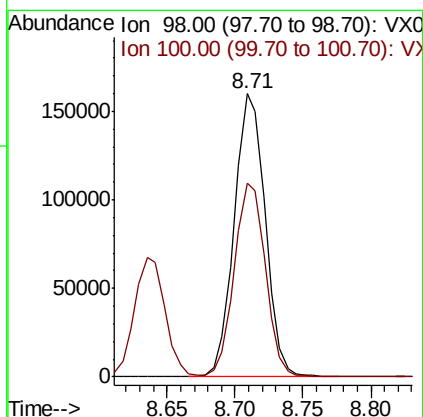
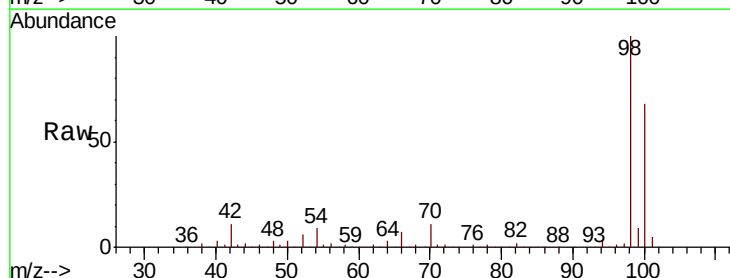
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

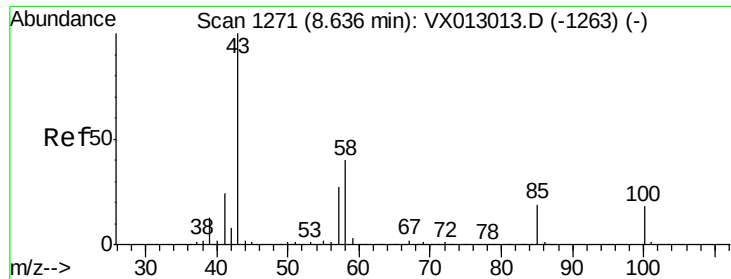
Tot Ion: 88 Resp: 41640
Ion Ratio Lower Upper
88 100
43 30.8 25.0 37.6
58 67.8 55.4 83.2



#50
Toluene-d8
Concen: 50.532 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 98 Resp: 253391
Ion Ratio Lower Upper
98 100
100 69.2 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 258.379 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

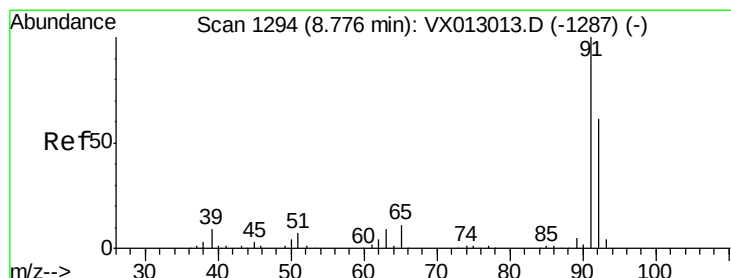
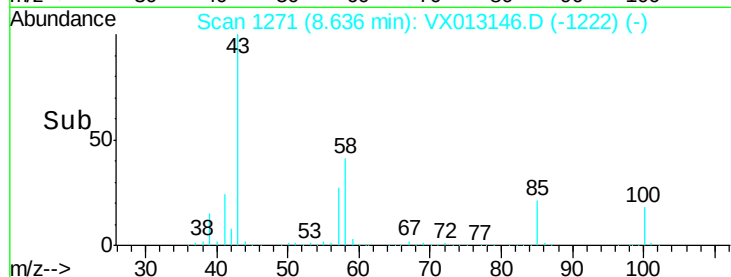
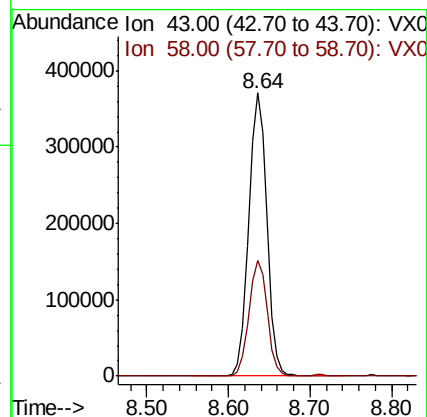
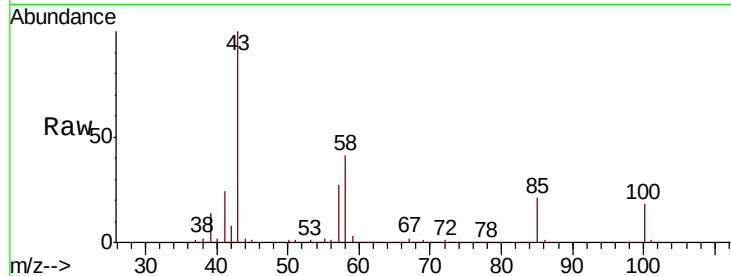
VSTDCCC050EC

Tot Ion: 43 Resp: 569418

Ion Ratio Lower Upper

43 100

58 41.1 32.4 48.6



#52

Toluene

Concen: 56.565 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013146.D

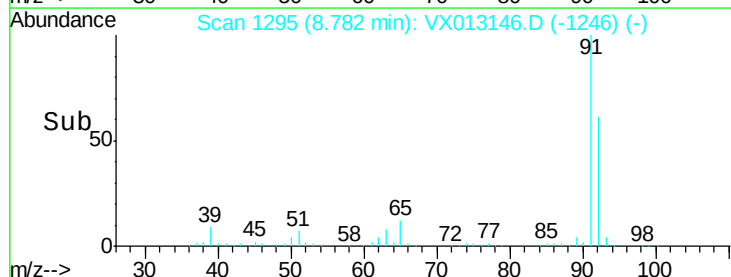
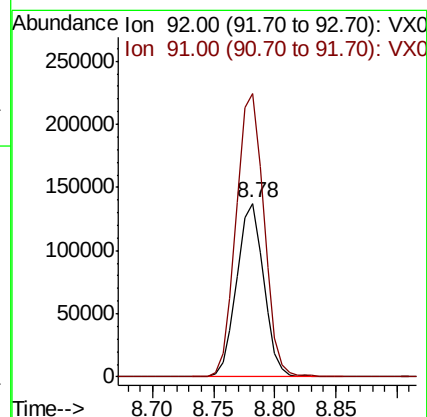
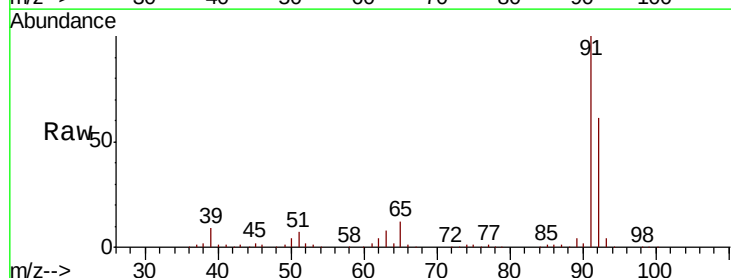
Acq: 18 Oct 2019 22:34

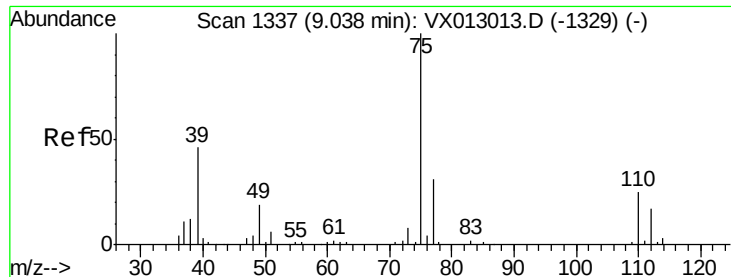
Tgt Ion: 92 Resp: 210500

Ion Ratio Lower Upper

92 100

91 168.0 135.9 203.9

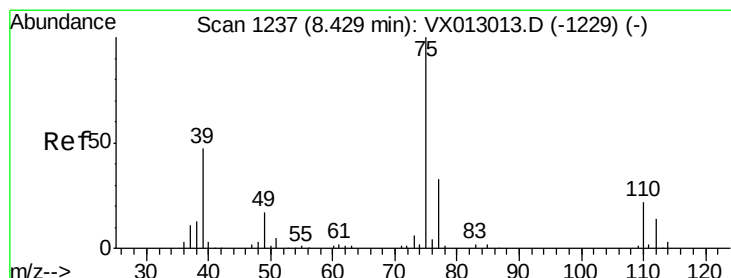
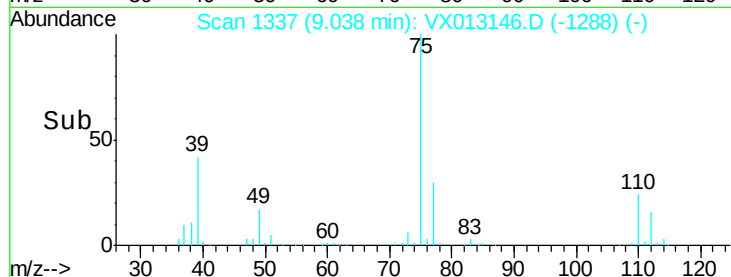
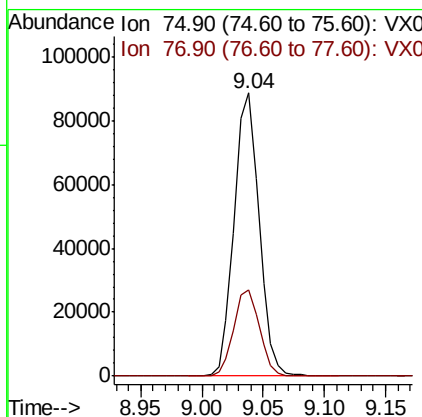
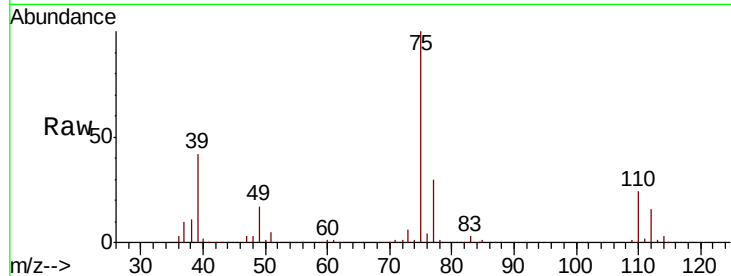




#53
t-1,3-Dichloropropene
Concen: 51.888 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

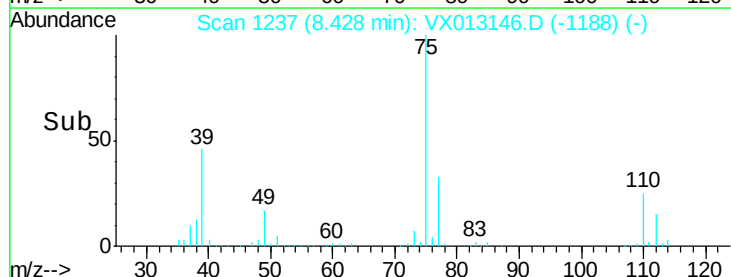
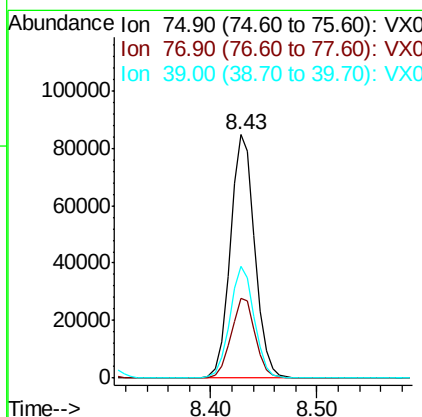
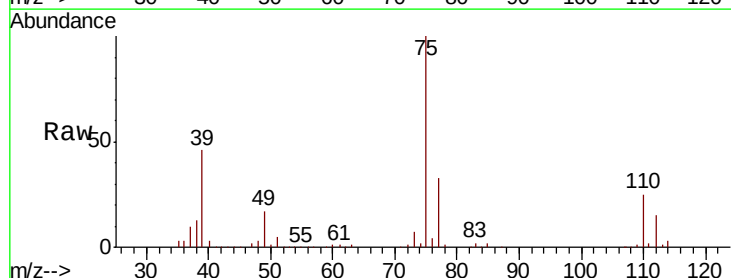
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

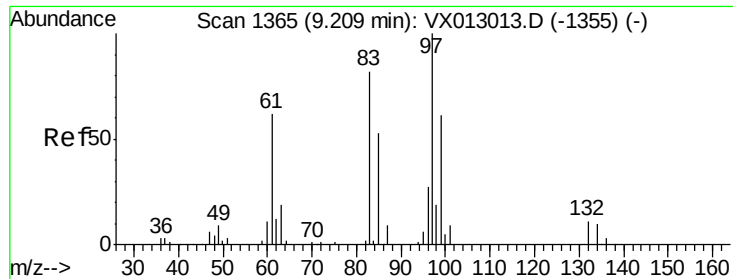
Tot Ion: 75 Resp: 125027
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 57.194 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 75 Resp: 135596
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
39 45.7 38.2 57.2

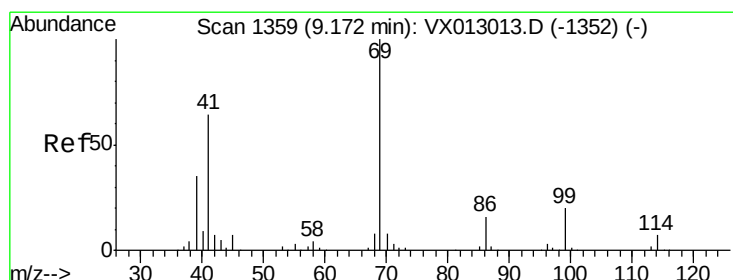
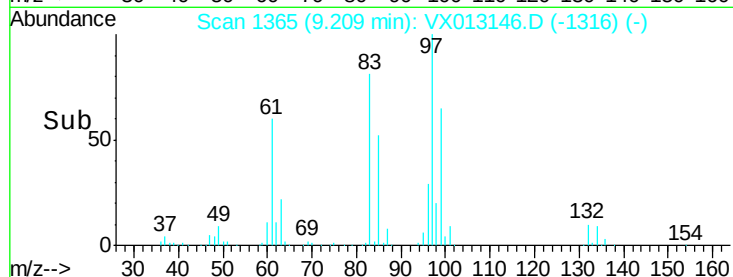
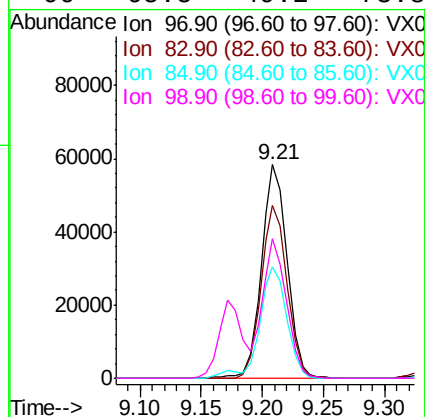
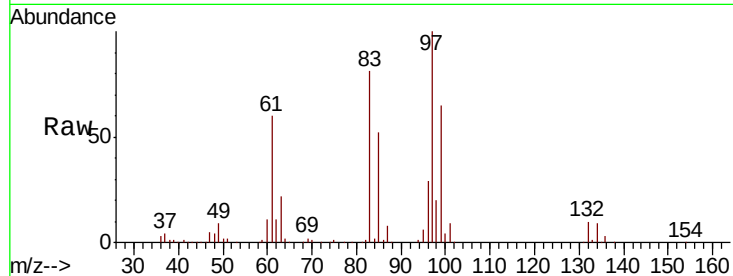




#55
 1,1,2-Trichloroethane
 Concen: 58.023 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

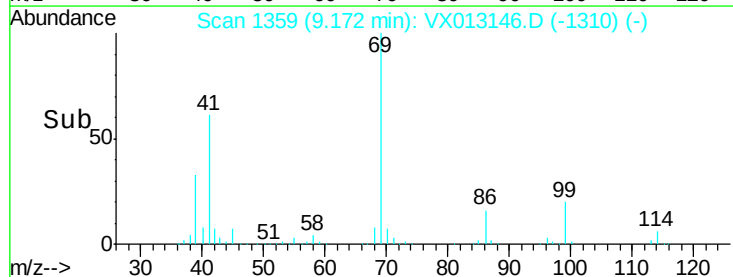
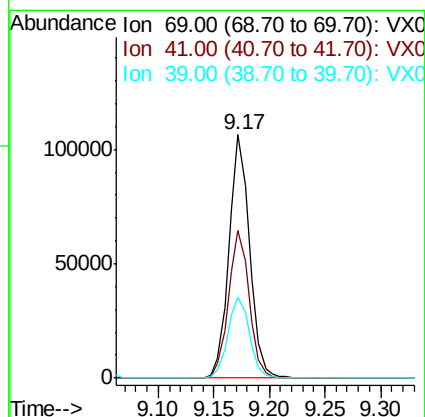
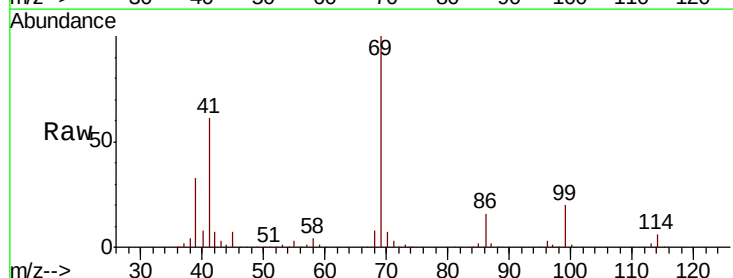
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

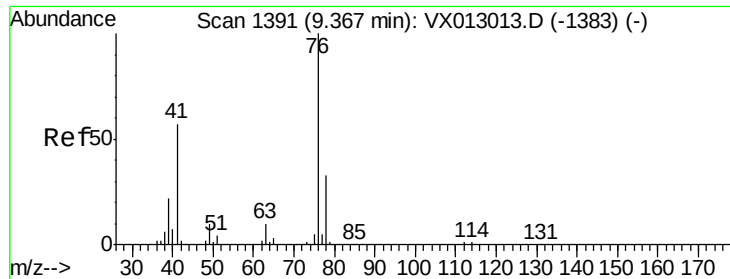
Tot Ion:	97	Resp:	85452
Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.5	99.7
85	52.3	43.1	64.7
99	65.5	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 51.761 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion:	69	Resp:	136679
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.1	78.1
39	34.9	27.8	41.8

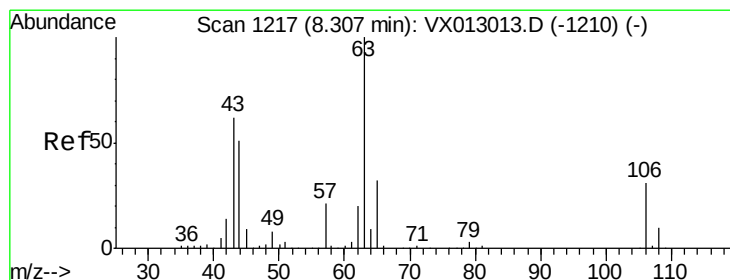
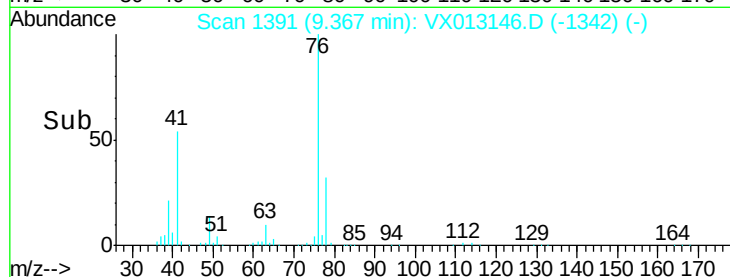
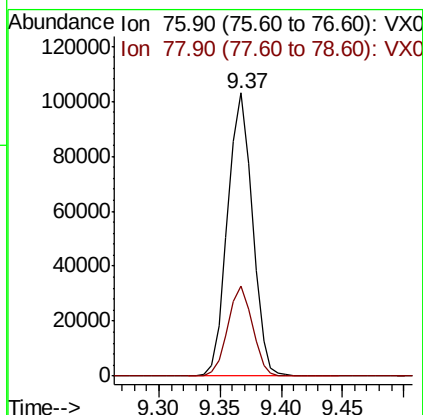
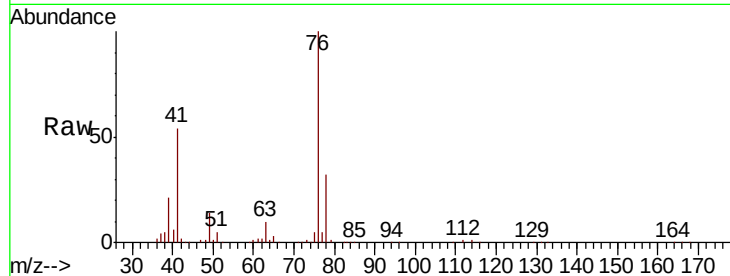




#57
 1,3-Dichloropropane
 Concen: 56.807 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

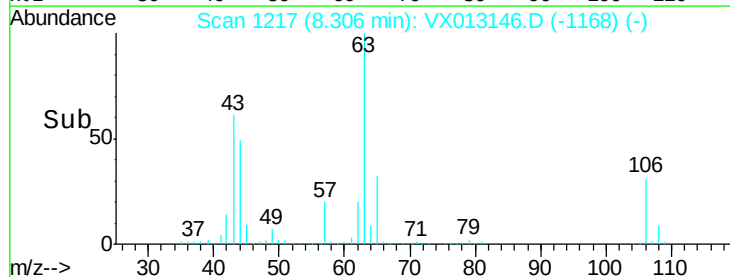
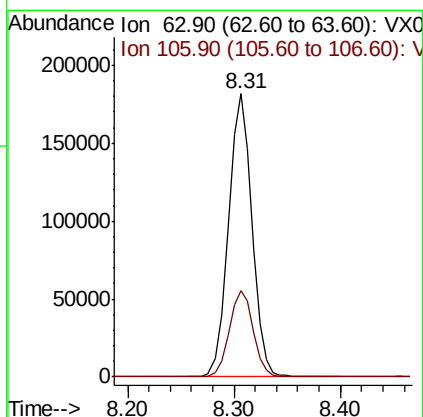
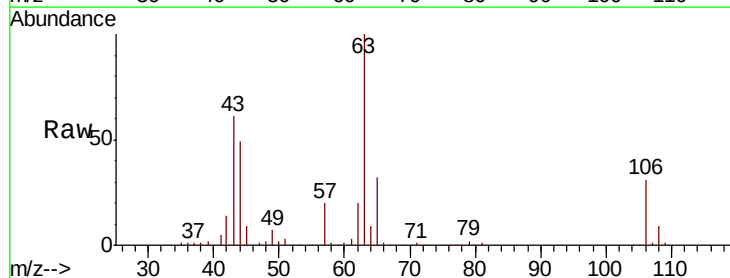
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

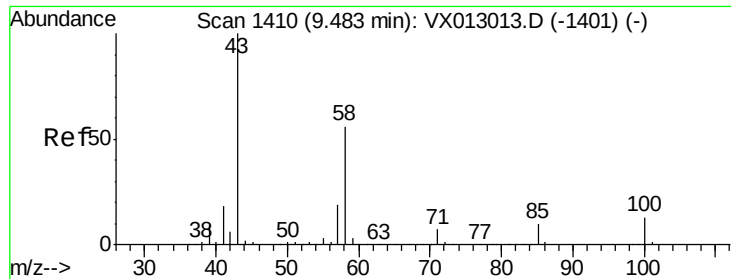
Tot Ion: 76 Resp: 144718
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.532 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 63 Resp: 280786
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.8 35.8

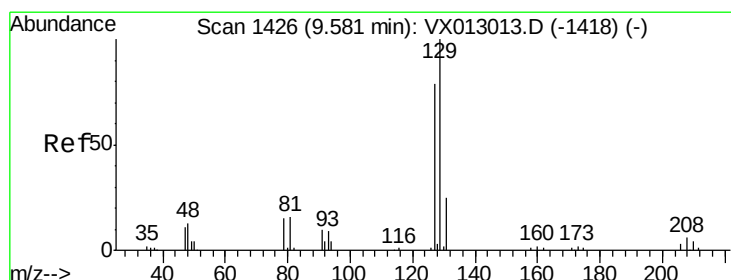
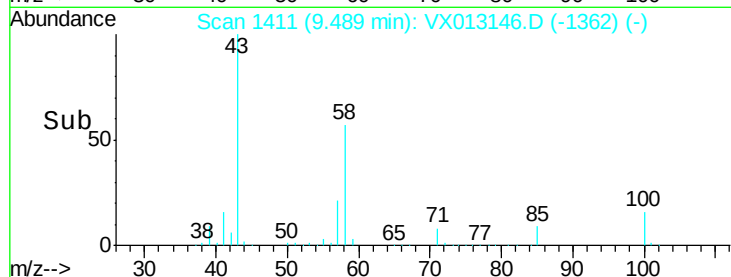
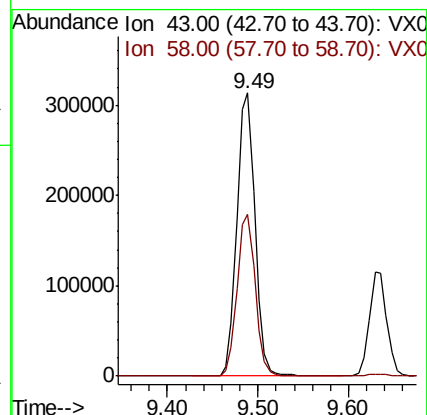
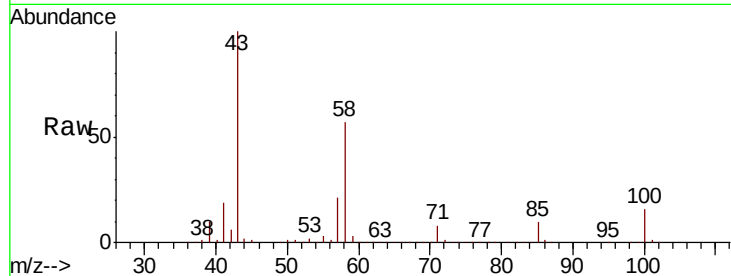




#59
2-Hexanone
Concen: 253.540 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

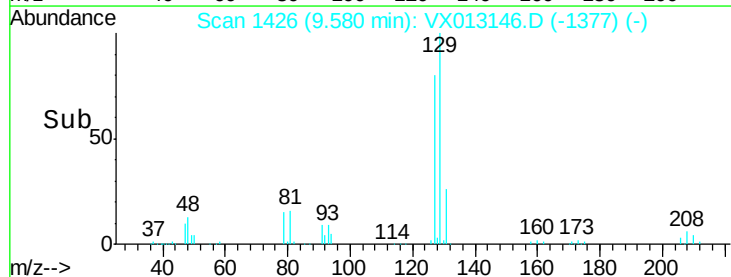
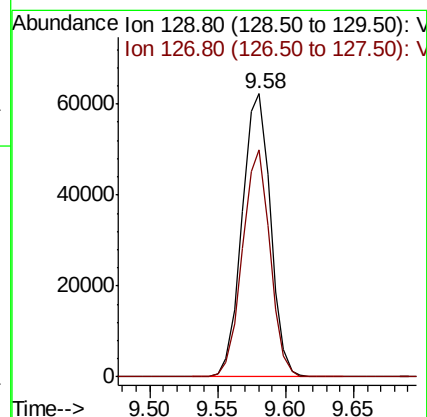
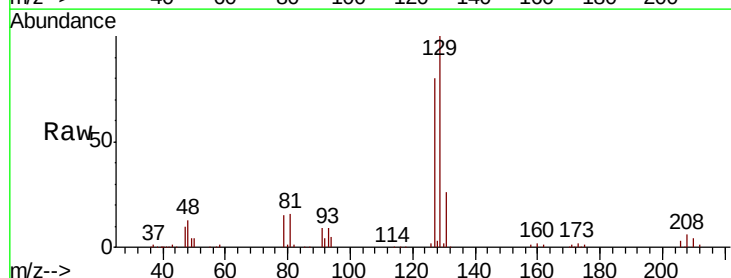
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

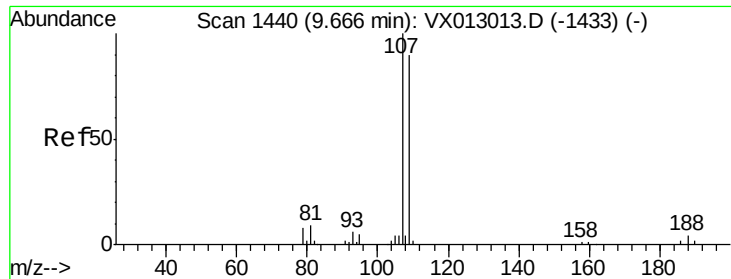
Tot Ion: 43 Resp: 434954
Ion Ratio Lower Upper
43 100
58 57.3 28.1 84.3



#60
Dibromochloromethane
Concen: 55.043 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 129 Resp: 90528
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 58.201 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

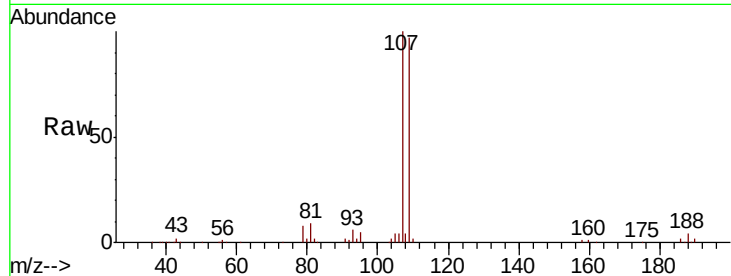
VSTDCCC050EC

Tot Ion:107 Resp: 90167

Ion Ratio Lower Upper

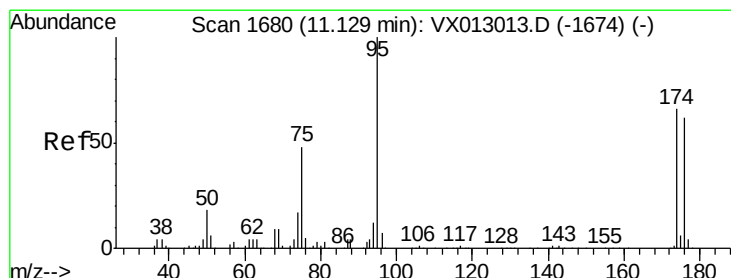
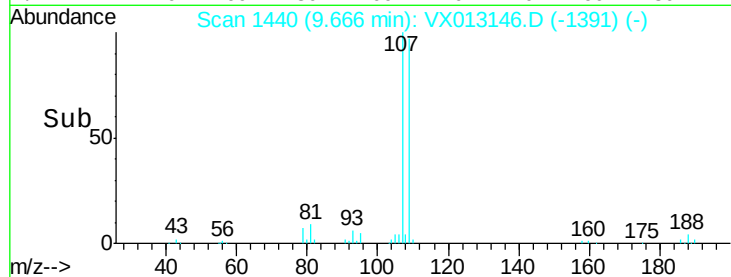
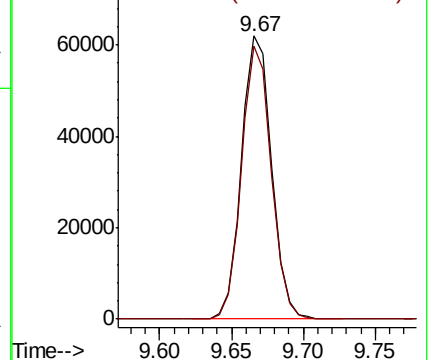
107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.380 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

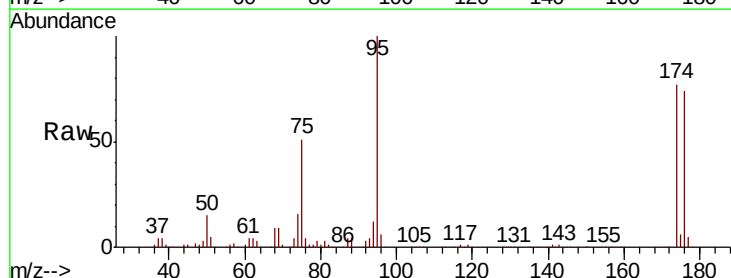
Tgt Ion: 95 Resp: 102058

Ion Ratio Lower Upper

95 100

174 77.2 0.0 143.4

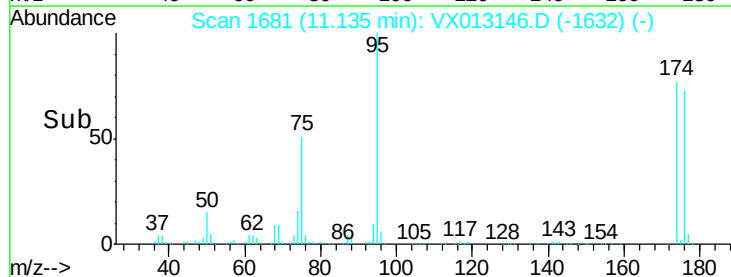
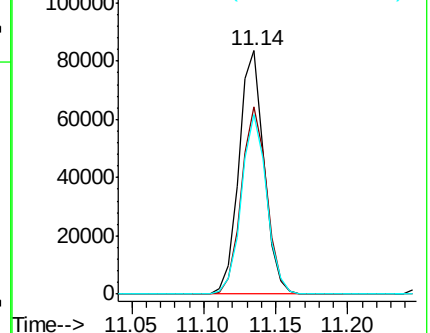
176 73.6 0.0 136.0

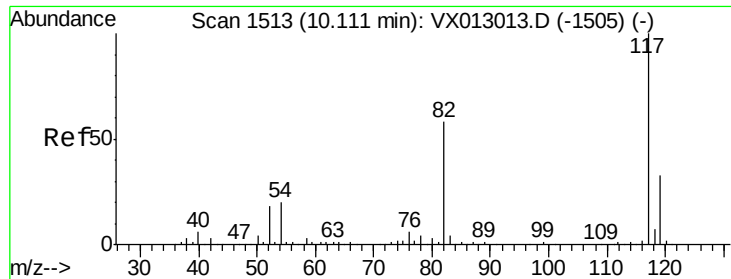


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

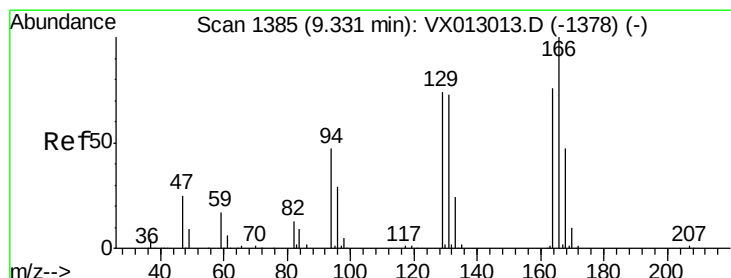
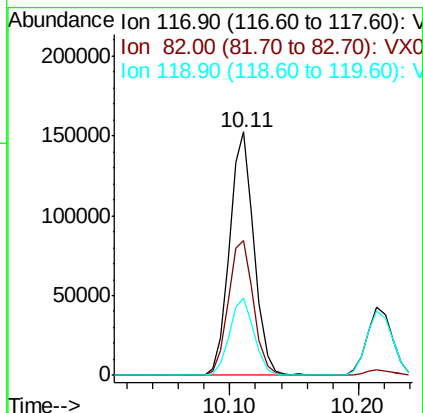
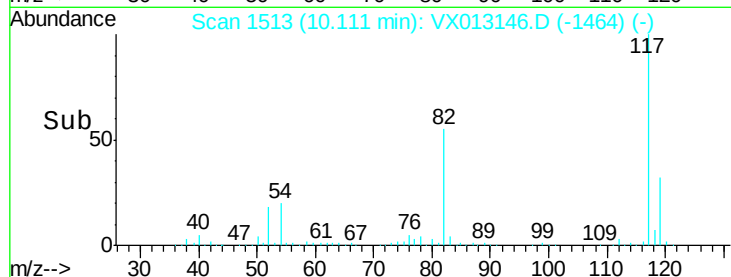
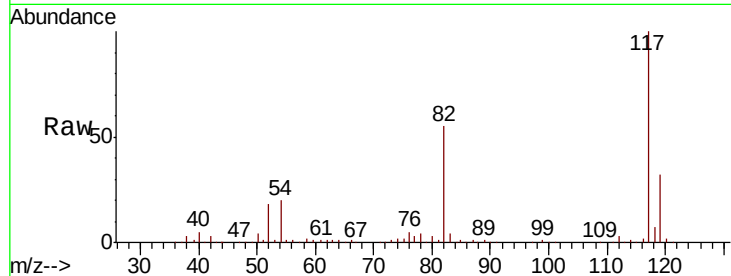




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

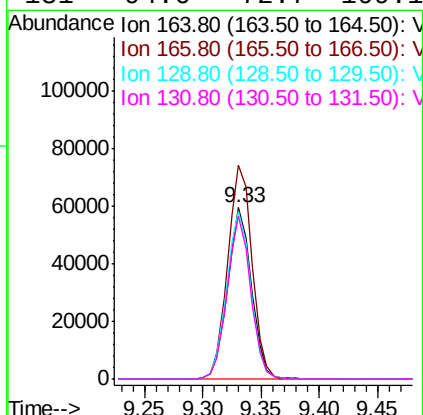
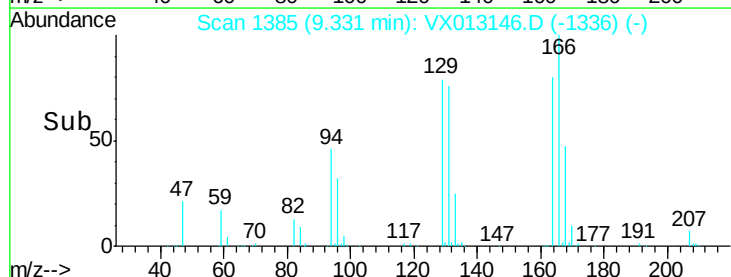
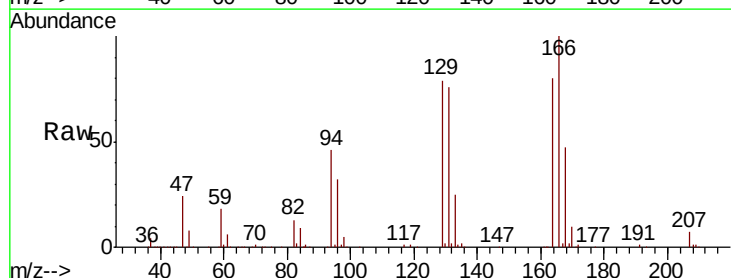
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

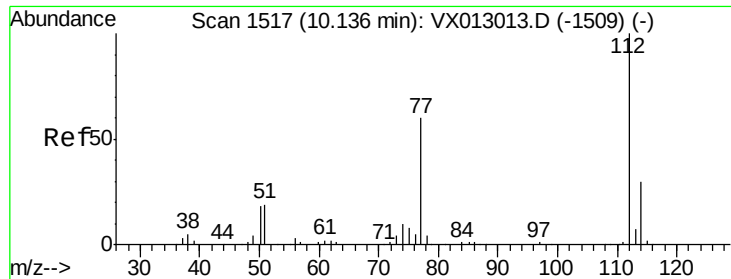
Tot Ion:117 Resp: 202172
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 60.061 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion:164 Resp: 84221
Ion Ratio Lower Upper
164 100
166 124.6 96.9 145.3
129 98.1 77.9 116.9
131 94.6 72.7 109.1





#65

Chlorobenzene

Concen: 56.015 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

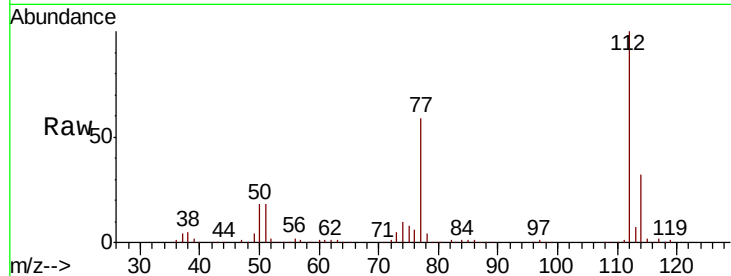
VSTDCCC050EC

Tot Ion:112 Resp: 224891

Ion Ratio Lower Upper

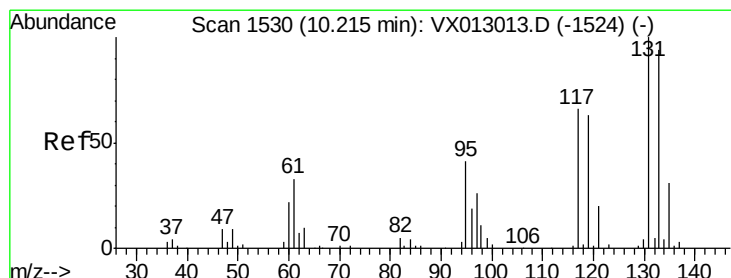
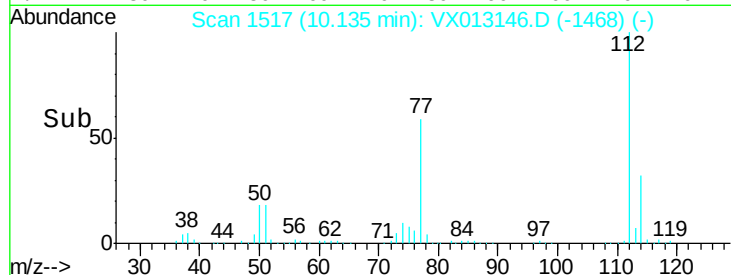
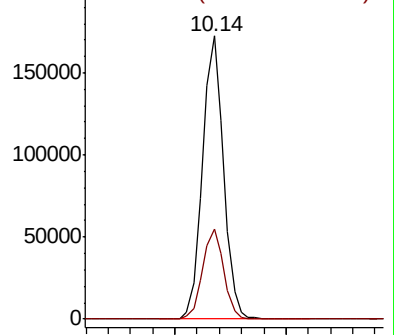
112 100

114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 60.581 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

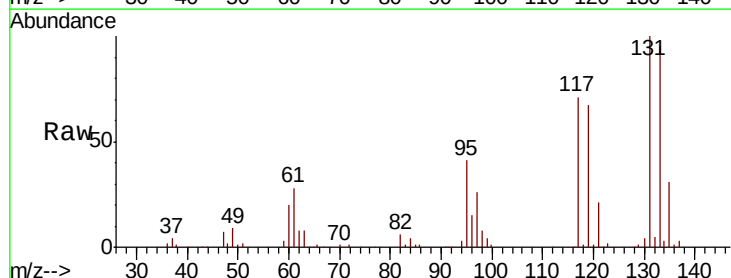
Tgt Ion:131 Resp: 84330

Ion Ratio Lower Upper

131 100

133 96.8 47.2 141.6

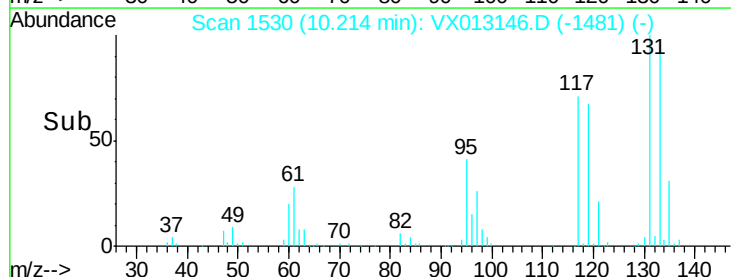
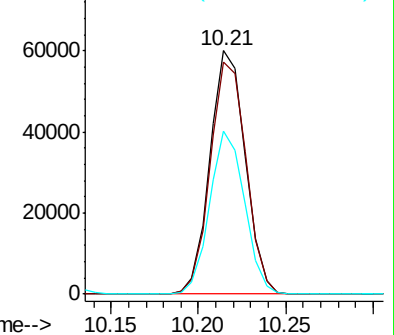
119 65.8 32.6 98.0

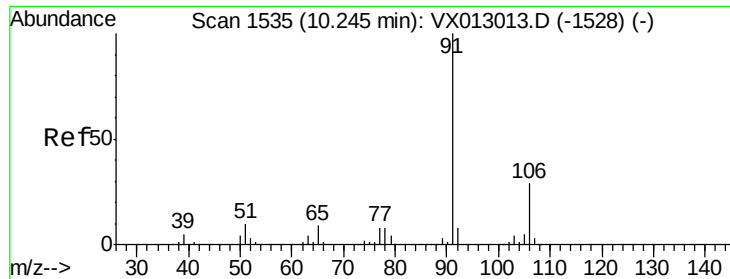


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

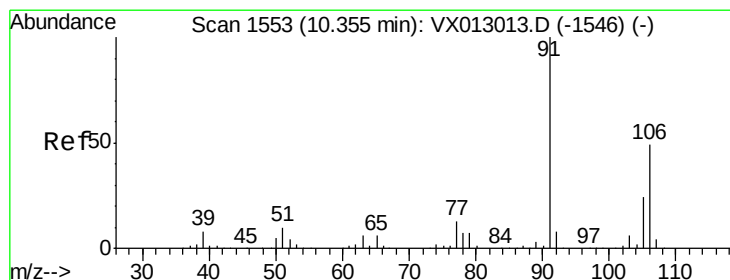
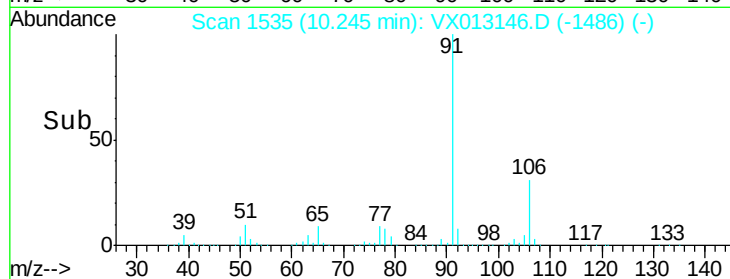
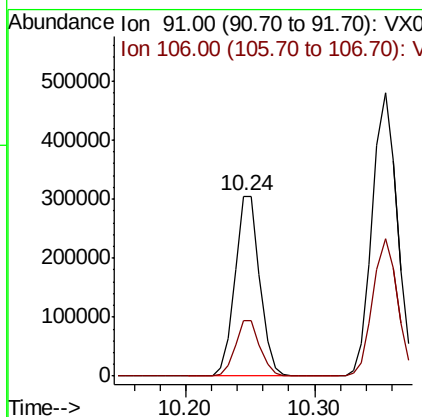
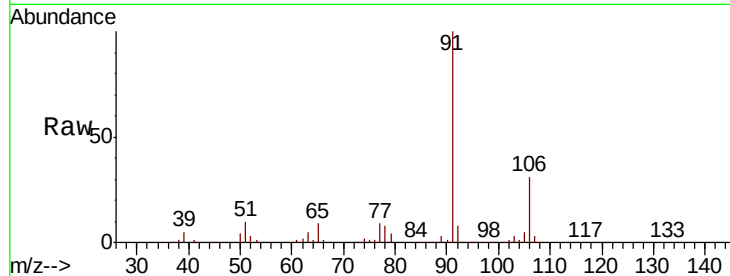




#67
Ethyl Benzene
Concen: 57.499 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

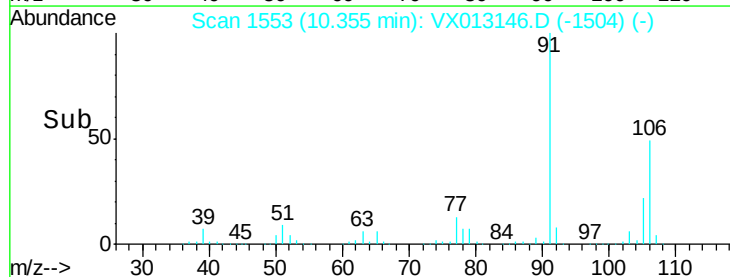
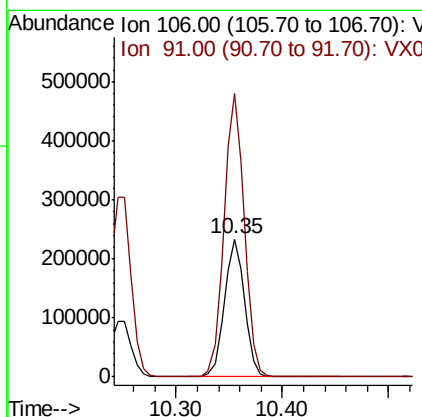
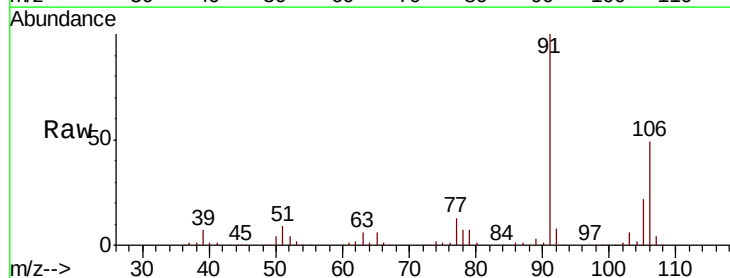
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

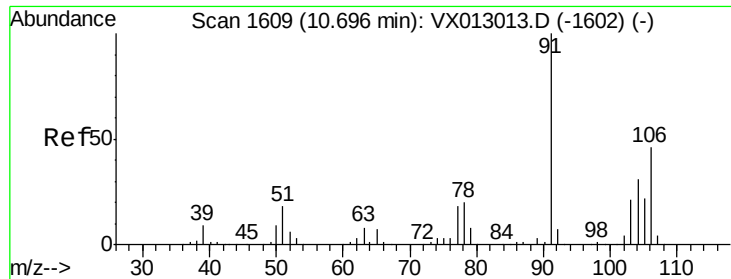
Tot Ion: 91 Resp: 410050
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 115.453 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 106 Resp: 307589
Ion Ratio Lower Upper
106 100
91 207.3 165.3 247.9

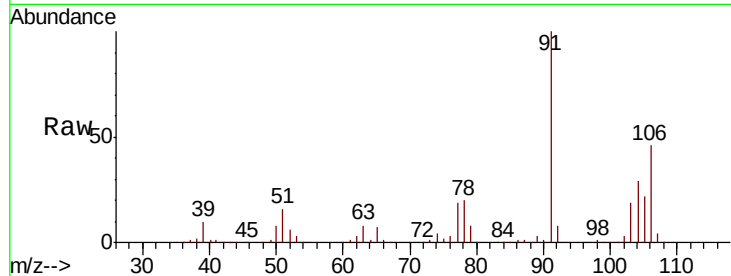




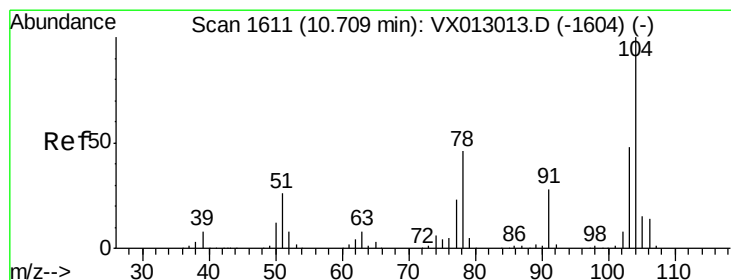
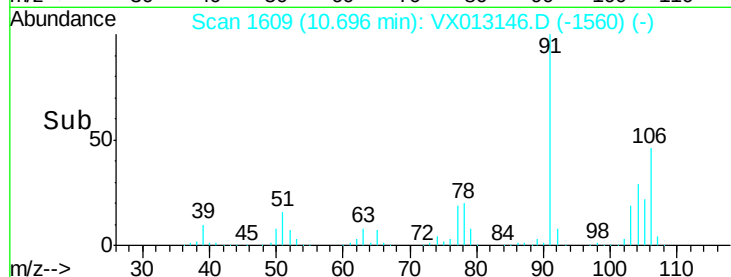
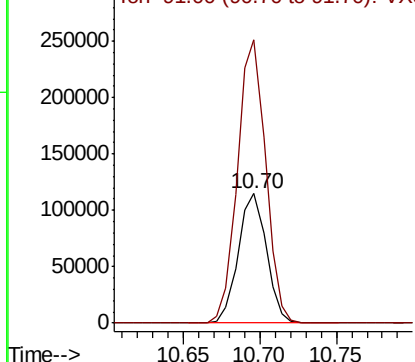
#69
o-Xylene
Concen: 56.861 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 147729
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.3

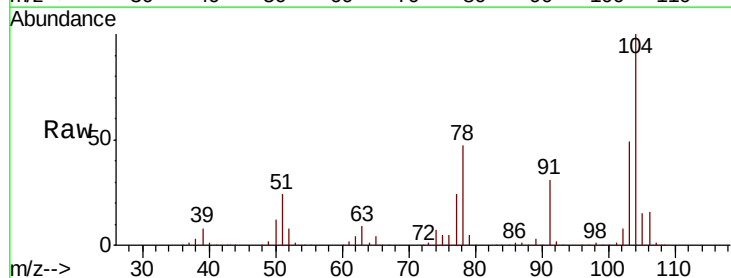


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

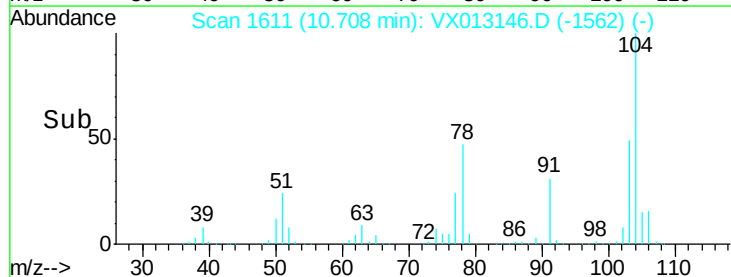
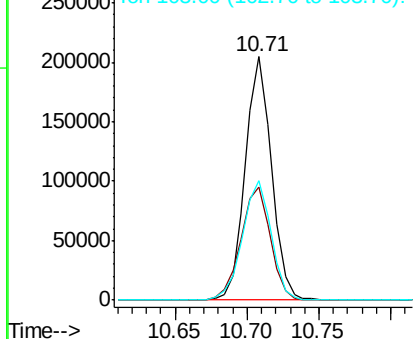


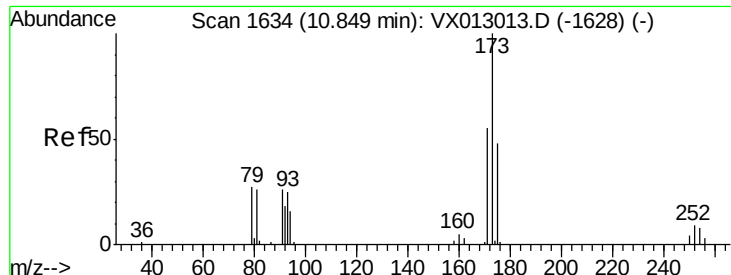
#70
Styrene
Concen: 58.156 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion:104 Resp: 256859
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 54.1 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.267 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

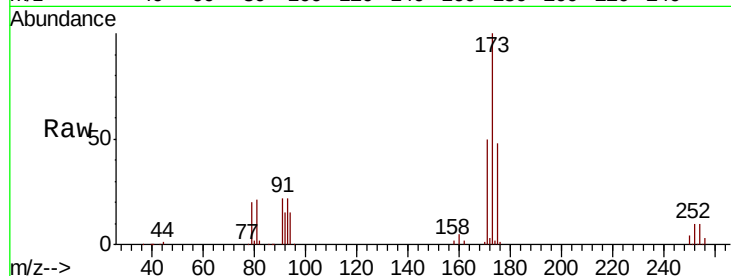
Tot Ion:173 Resp: 64691

Ion Ratio Lower Upper

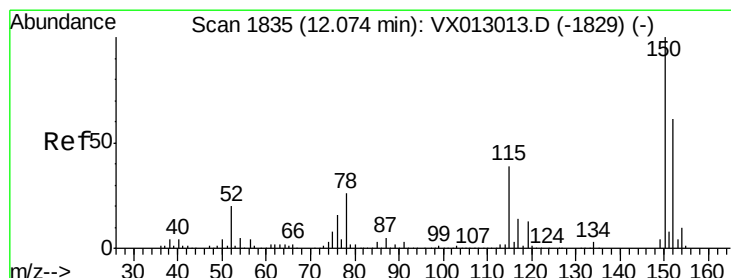
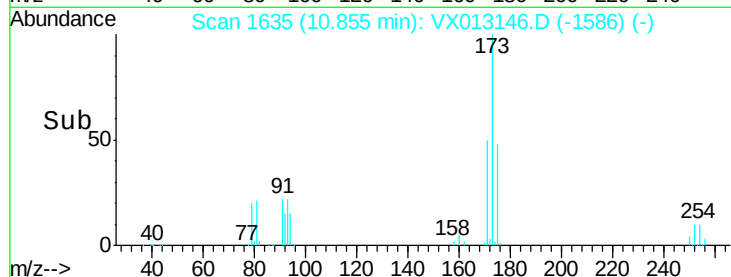
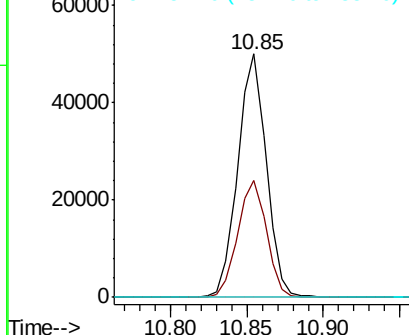
173 100

175 48.5 24.1 72.3

254 0.1 0.1 0.1#



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: VX013146.D

Acq: 18 Oct 2019 22:34

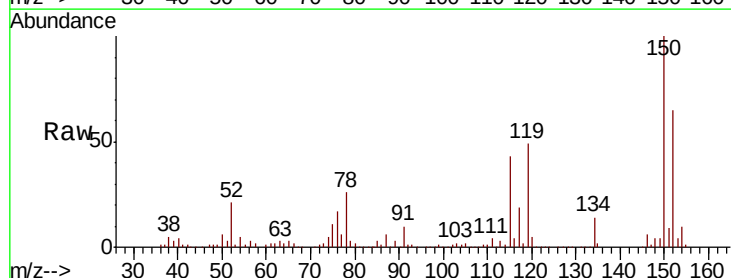
Tgt Ion:152 Resp: 98538

Ion Ratio Lower Upper

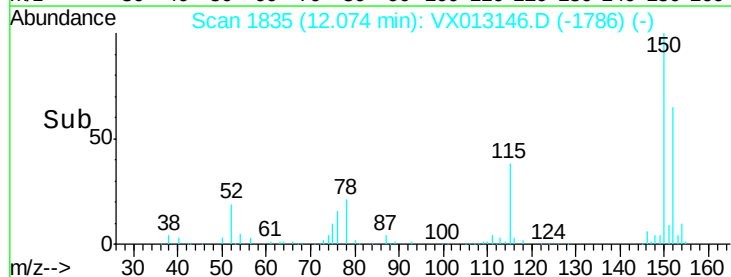
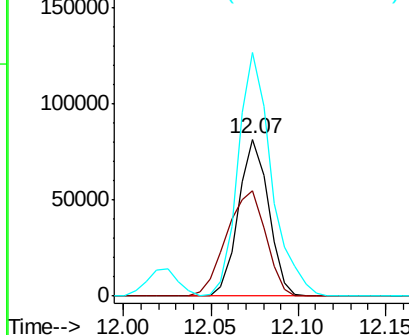
152 100

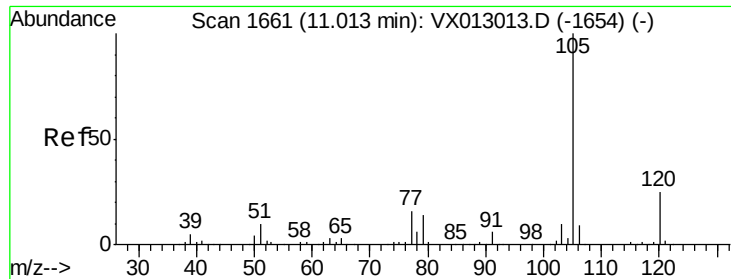
115 87.3 44.5 133.5

150 172.5 0.0 353.4



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: 55.459 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

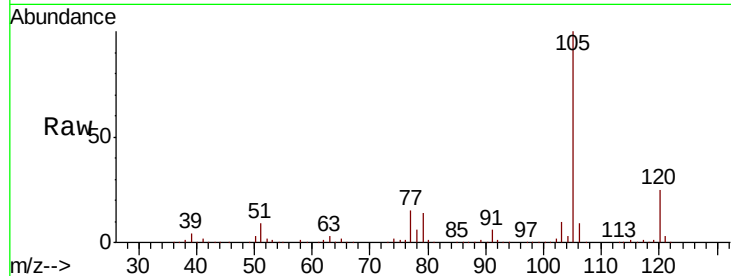
VSTDCCC050EC

Tot Ion:105 Resp: 401784

Ion Ratio Lower Upper

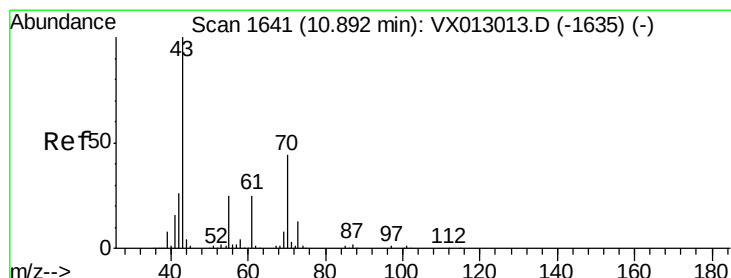
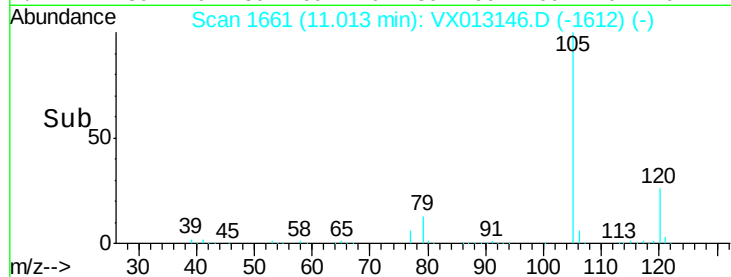
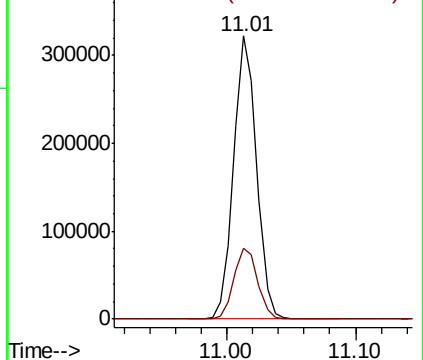
105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.763 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Tgt Ion: 43 Resp: 152148

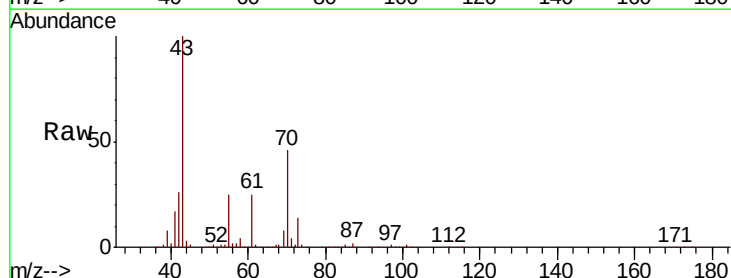
Ion Ratio Lower Upper

43 100

70 47.9 36.4 54.6

55 26.0 20.2 30.2

61 26.1 20.5 30.7

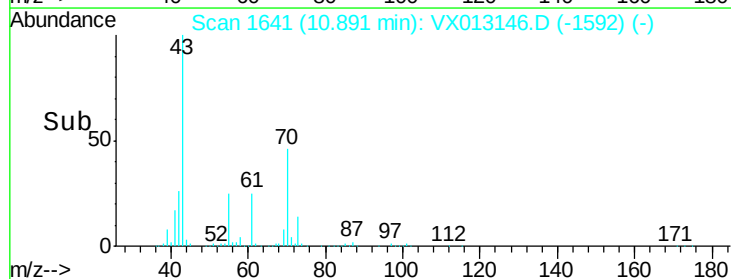
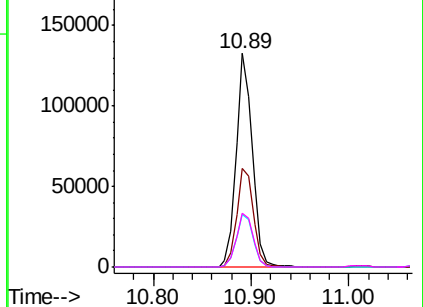


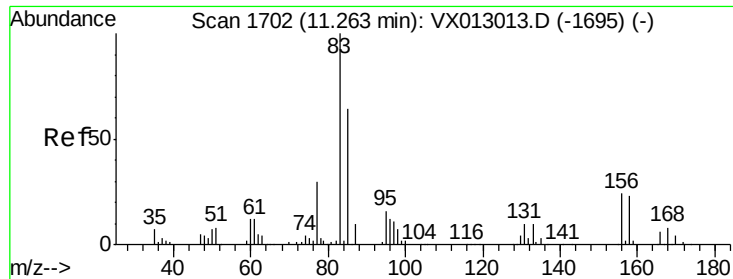
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.431 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

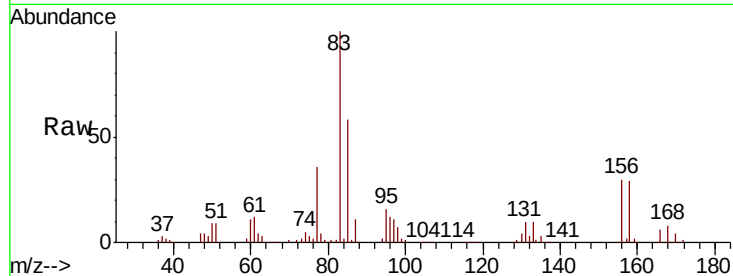
Tot Ion: 83 Resp: 128747

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

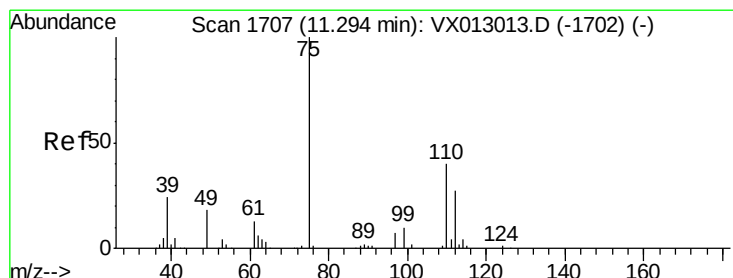
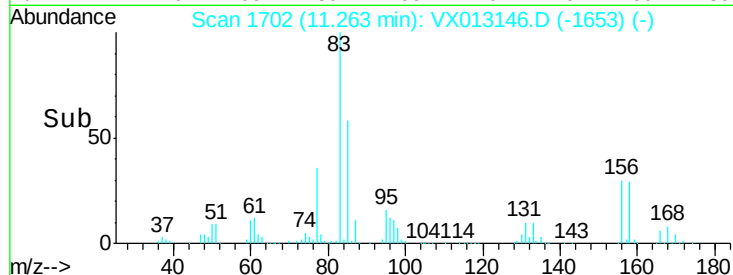
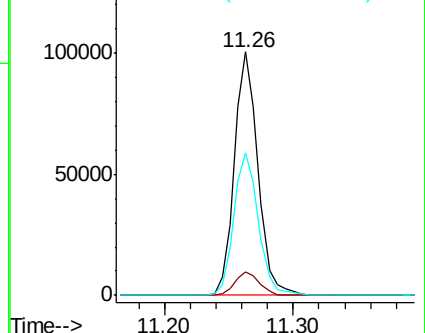
85 60.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.929 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX013146.D

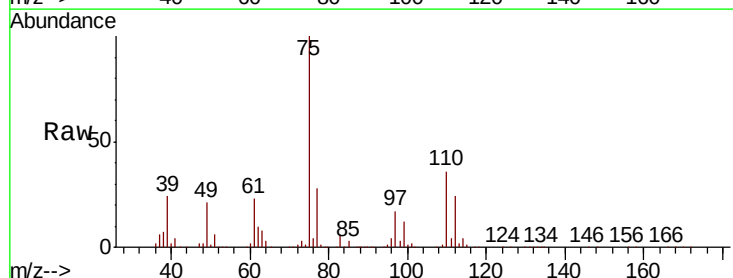
Acq: 18 Oct 2019 22:34

Tgt Ion: 75 Resp: 144093

Ion Ratio Lower Upper

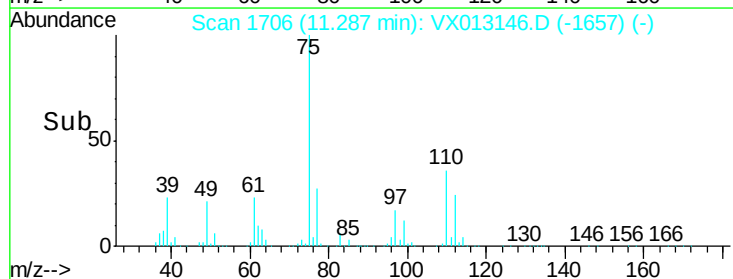
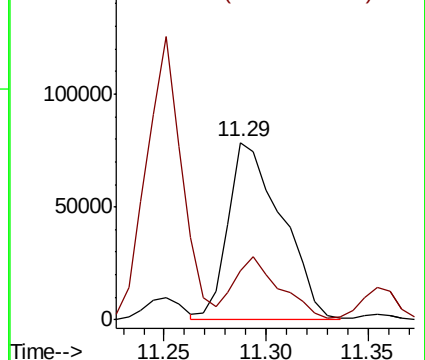
75 100

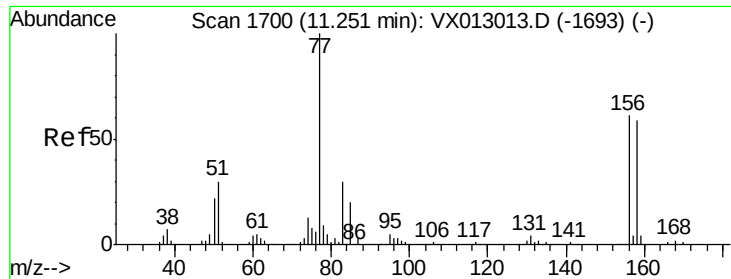
77 30.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.120 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

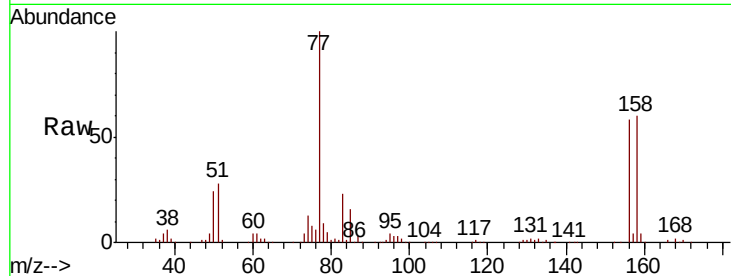
Tot Ion:156 Resp: 94100

Ion Ratio Lower Upper

156 100

77 161.5 83.7 251.0

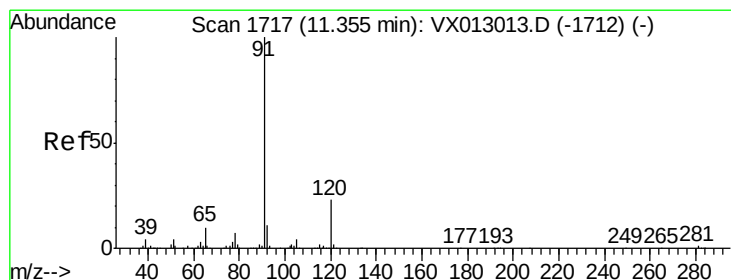
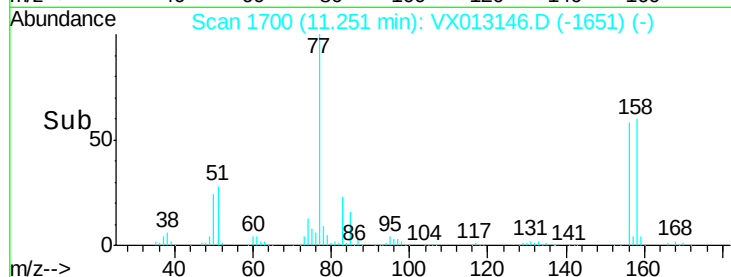
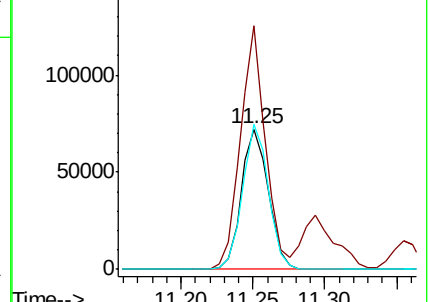
158 99.2 48.6 145.9



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: 55.544 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013146.D

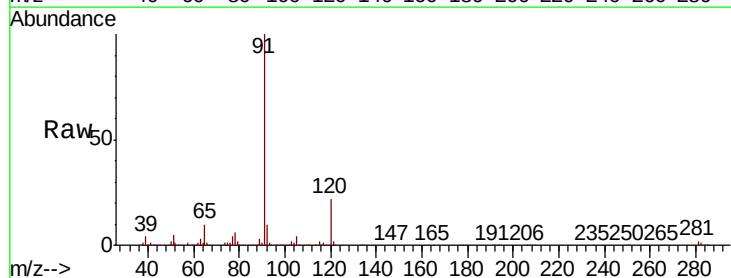
Acq: 18 Oct 2019 22:34

Tgt Ion: 91 Resp: 442793

Ion Ratio Lower Upper

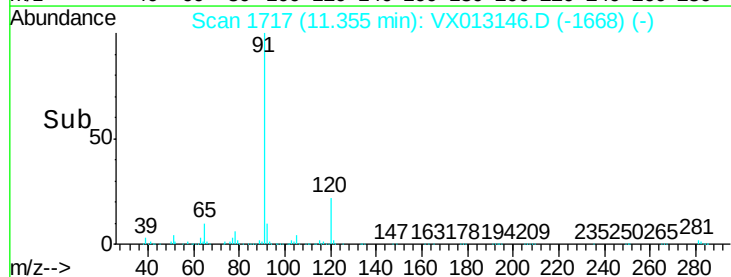
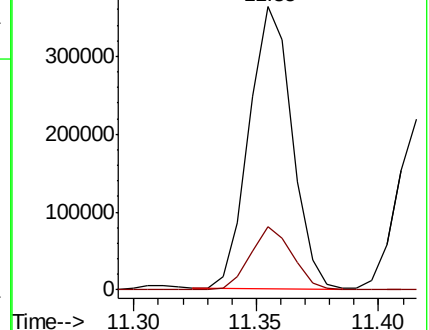
91 100

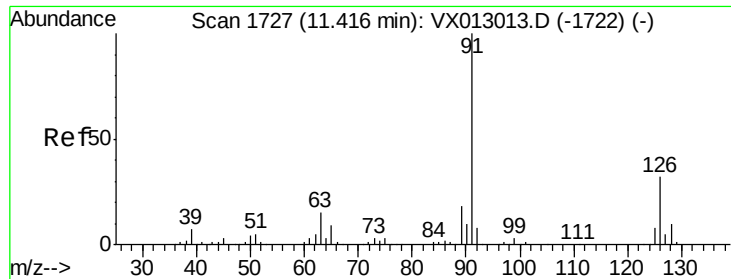
120 22.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

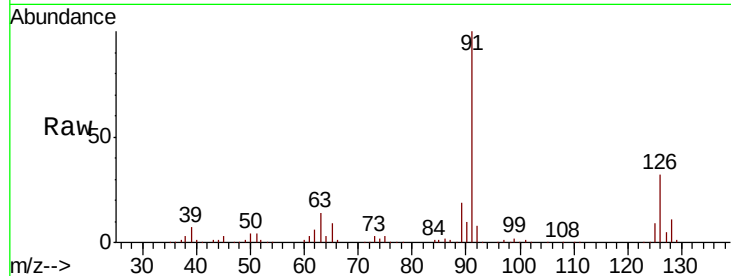




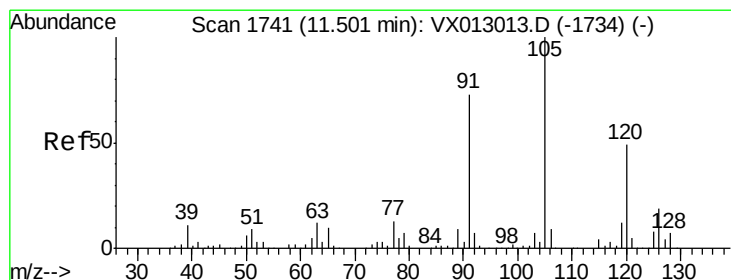
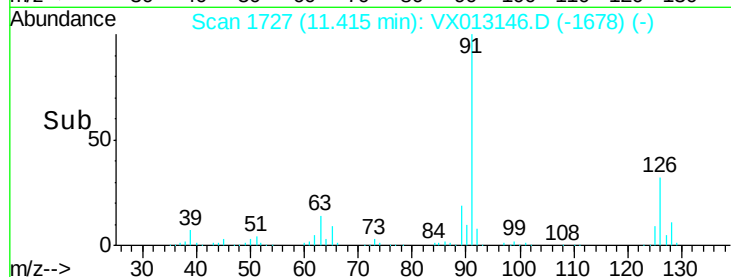
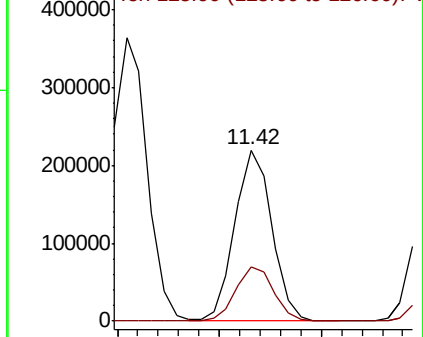
#79
 2-Chlorotoluene
 Concen: 55.086 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 275986
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

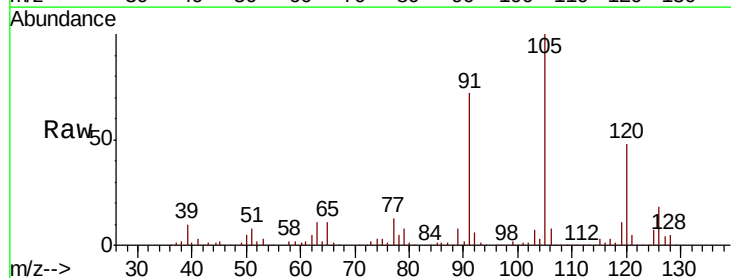


Abundance Ion 91.00 (90.70 to 91.70): VX013013.D (-1722) (-)
 Ion 125.90 (125.60 to 126.60): VX013013.D (-1722) (-)

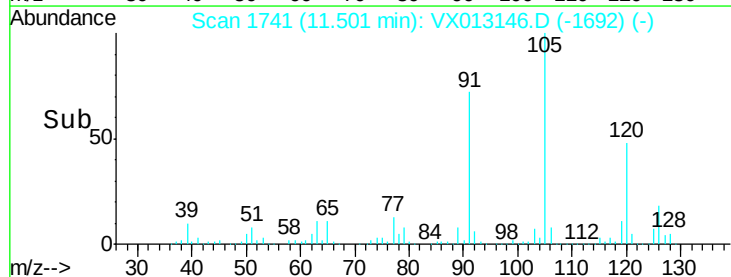
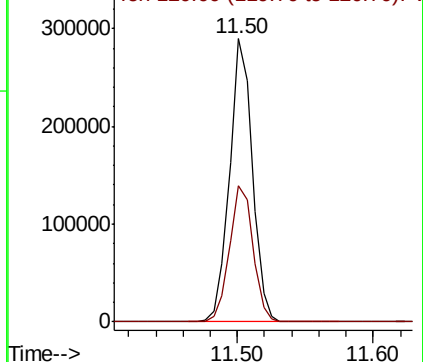


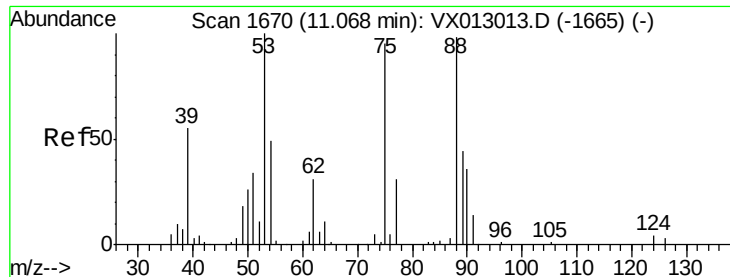
#80
 1,3,5-Trimethylbenzene
 Concen: 55.667 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion: 105 Resp: 336746
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX013013.D (-1734) (-)
 Ion 120.00 (119.70 to 120.70): VX013013.D (-1734) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.823 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

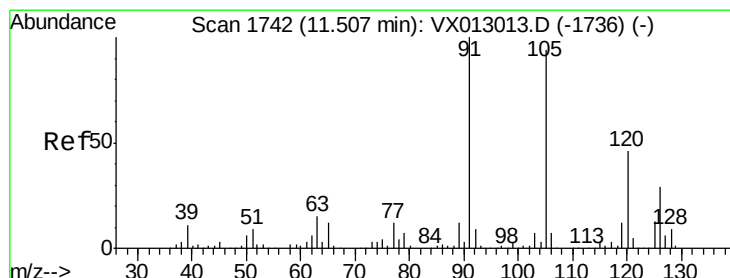
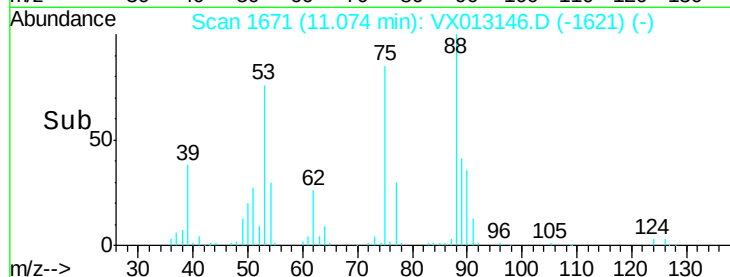
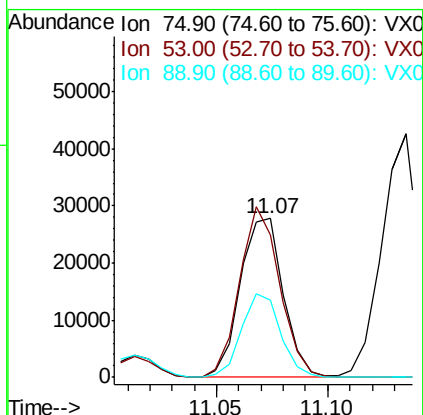
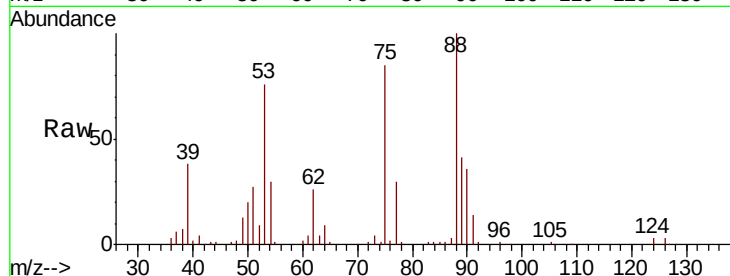
Tot Ion: 75 Resp: 37705

Ion Ratio Lower Upper

75 100

53 100.2 78.5 117.7

89 48.0 37.4 56.2



#82

4-Chlorotoluene

Concen: 56.490 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013146.D

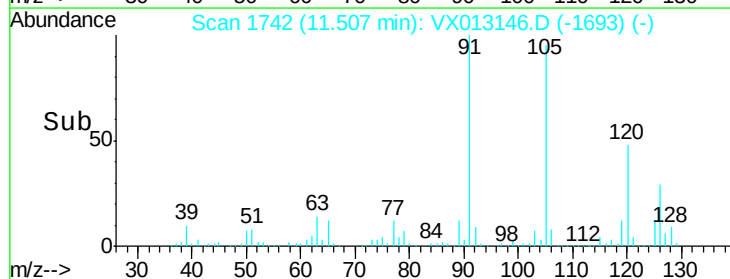
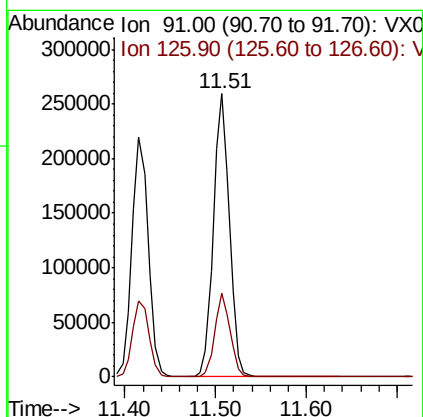
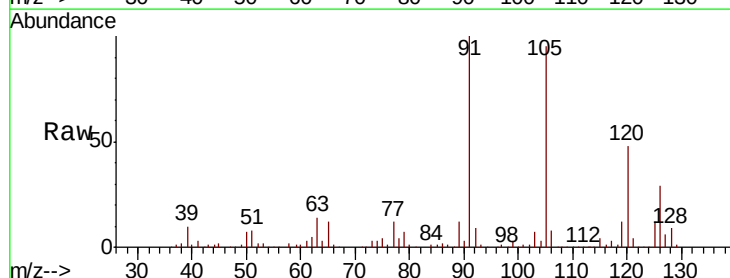
Acq: 18 Oct 2019 22:34

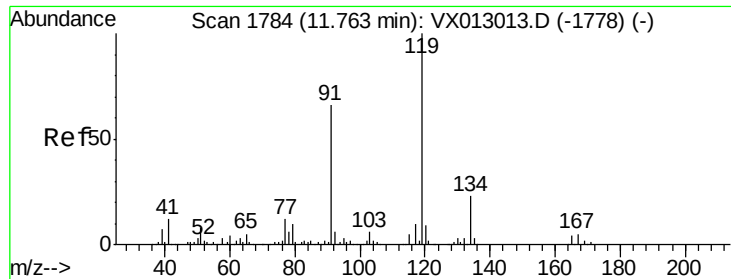
Tgt Ion: 91 Resp: 324396

Ion Ratio Lower Upper

91 100

126 27.9 14.2 42.6

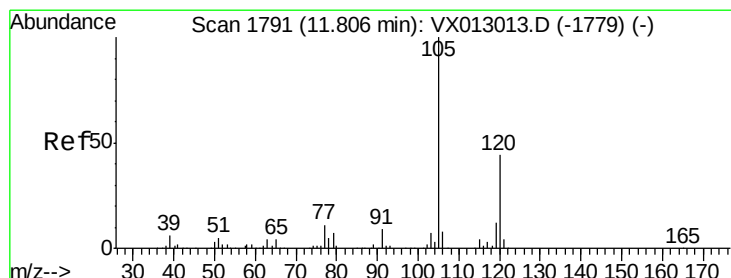
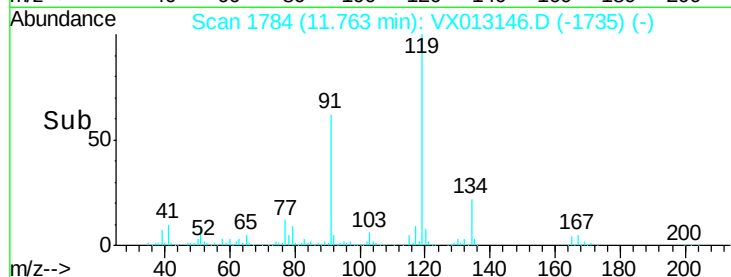
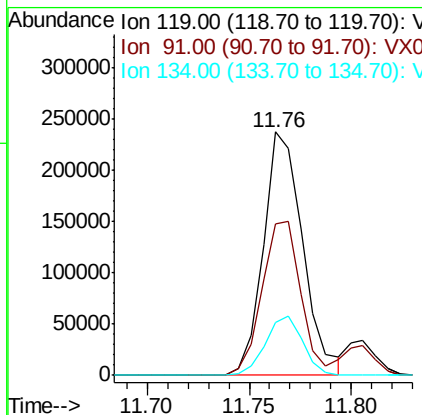
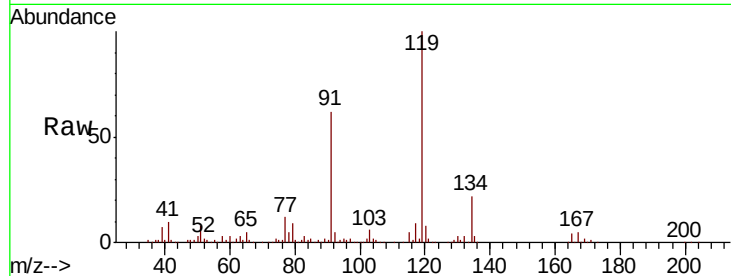




#83
 tert-Butylbenzene
 Concen: 54.306 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

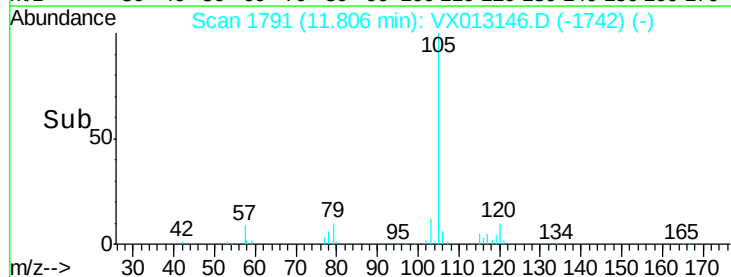
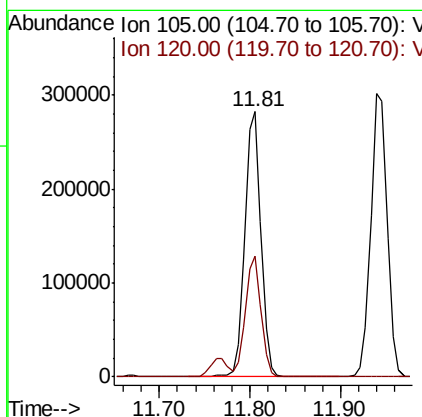
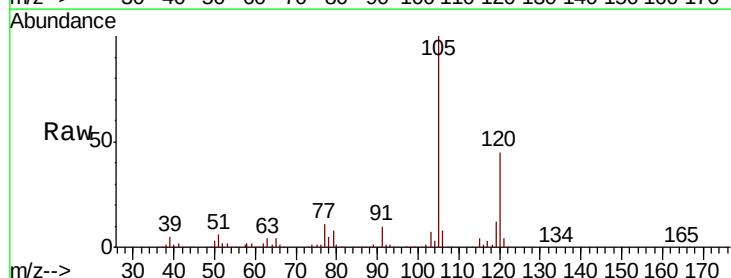
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

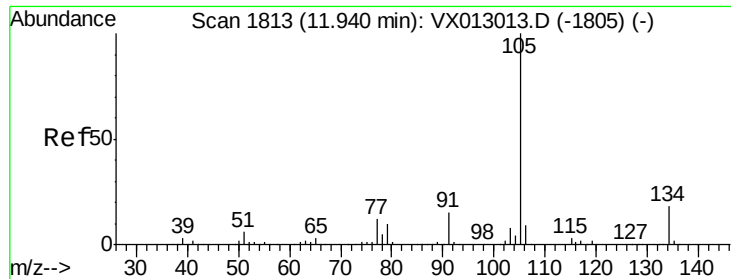
Tot Ion:119 Resp: 320463
 Ion Ratio Lower Upper
 119 100
 91 61.9 29.3 87.9
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.515 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion:105 Resp: 346246
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 55.302 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

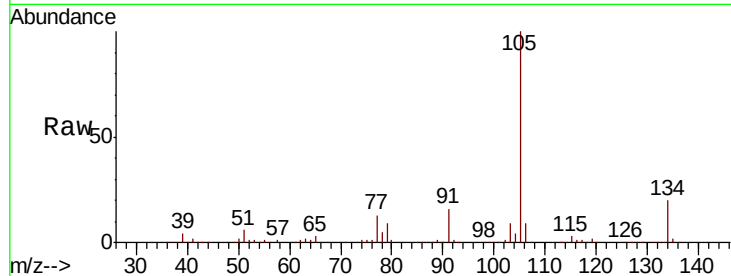
VSTDCCC050EC

Tot Ion:105 Resp: 378078

Ion Ratio Lower Upper

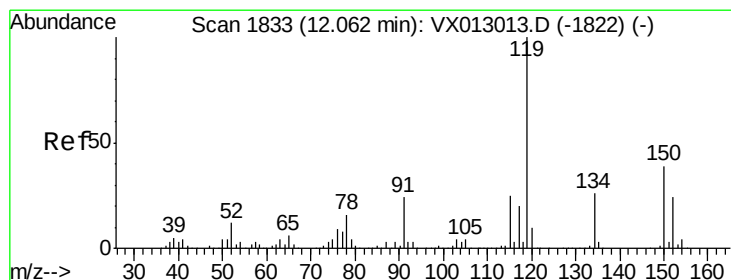
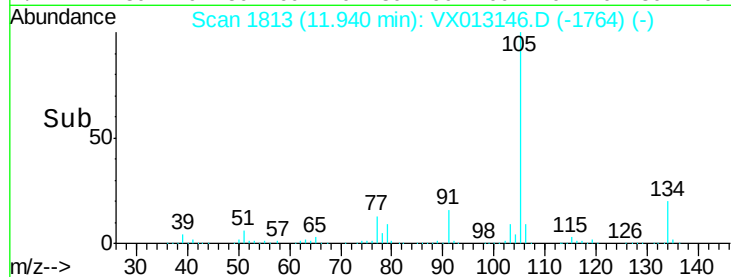
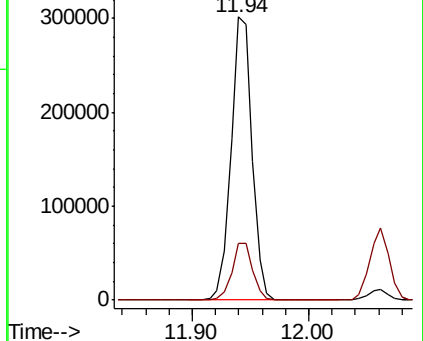
105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.286 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

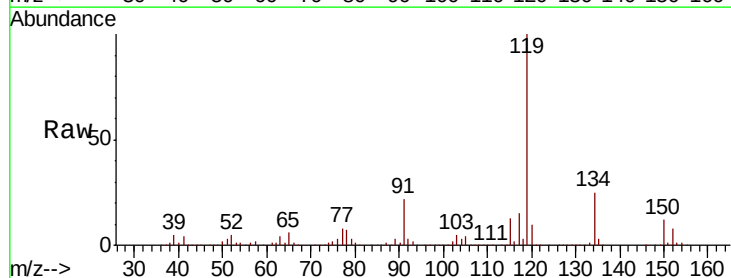
Tgt Ion:119 Resp: 356887

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

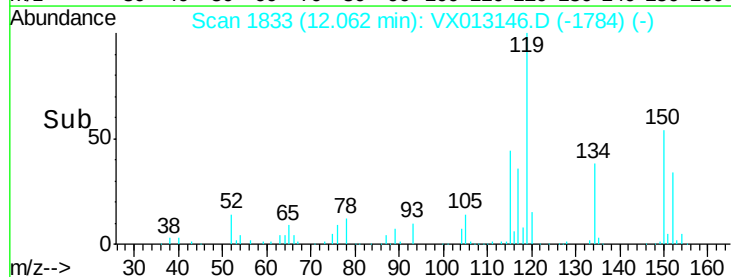
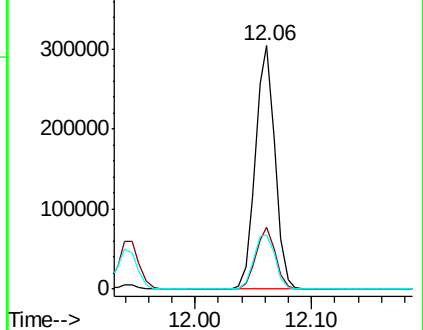
91 24.4 12.4 37.4

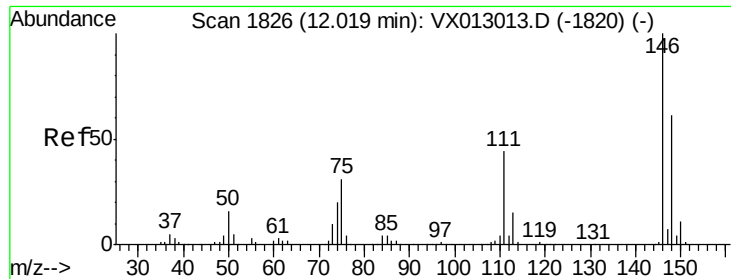


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

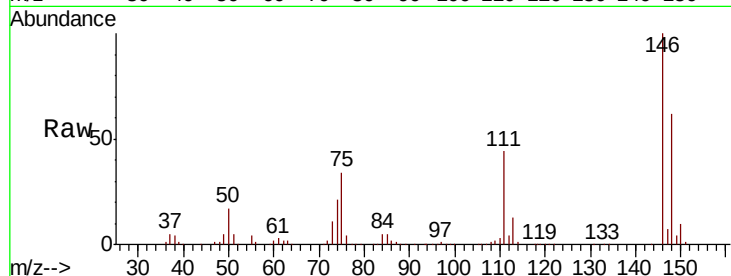




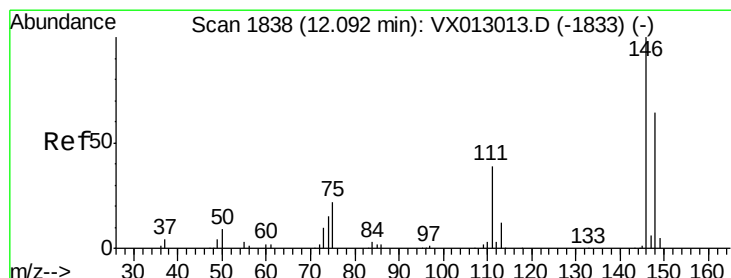
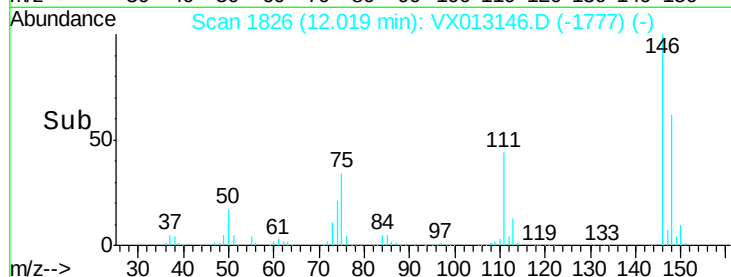
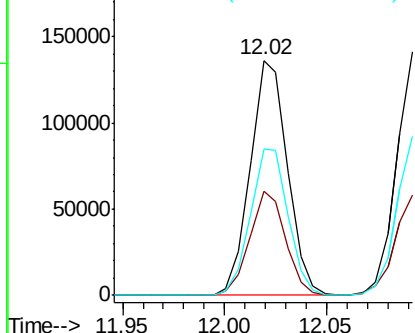
#87
 1,3-Dichlorobenzene
 Concen: 54.687 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 173372
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.4
 148 63.3 31.6 95.0

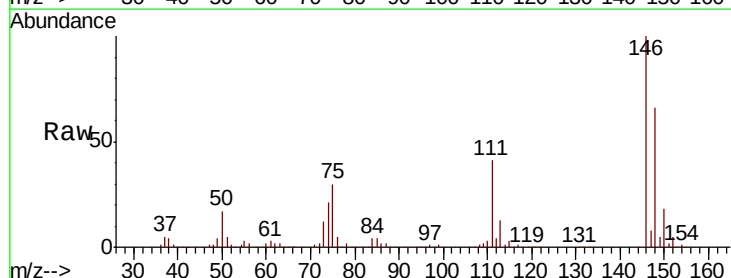


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

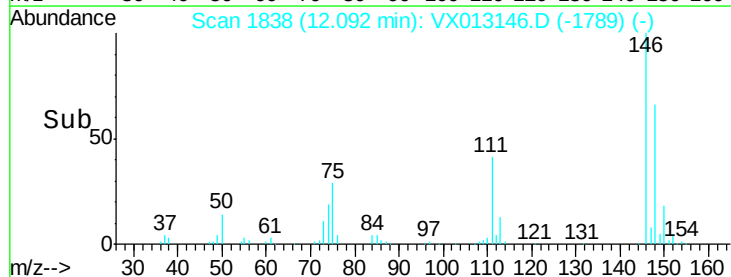
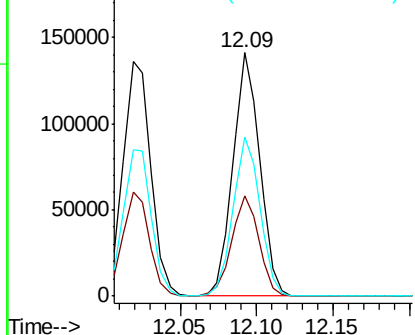


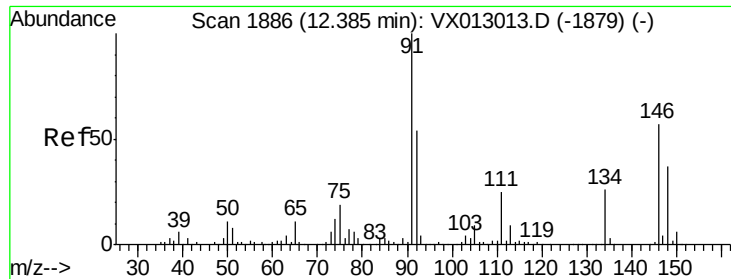
#88
 1,4-Dichlorobenzene
 Concen: 53.289 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion:146 Resp: 171098
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 65.7 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

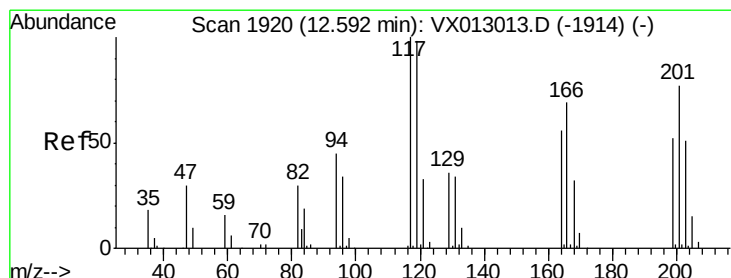
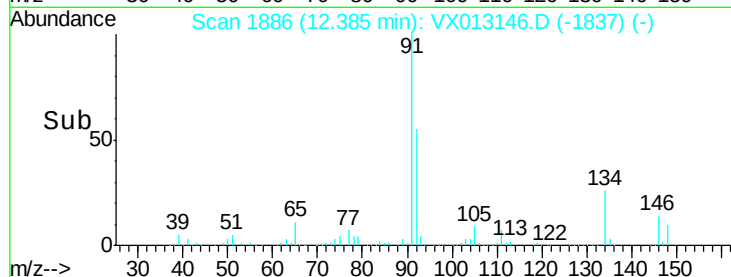
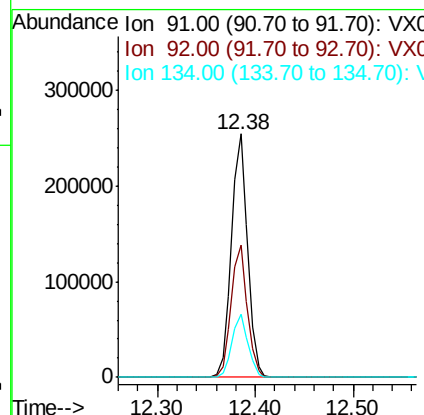
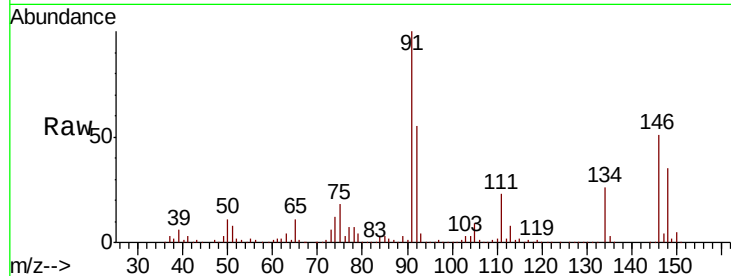




#89
n-Butylbenzene
Concen: 54.673 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

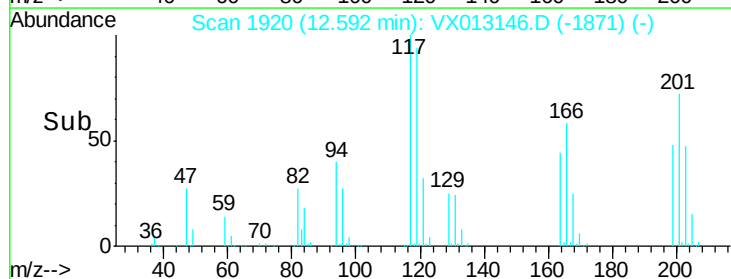
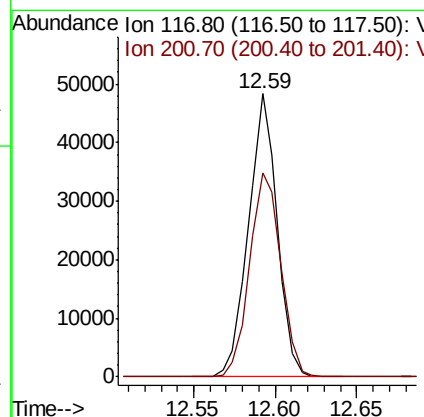
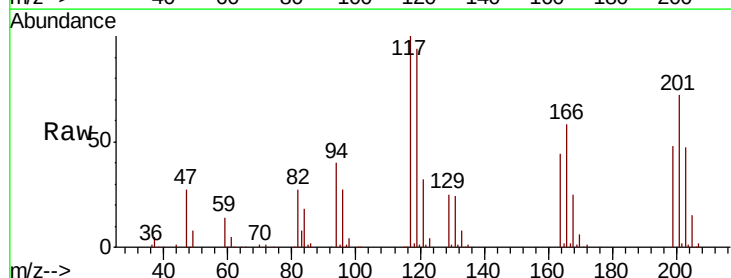
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

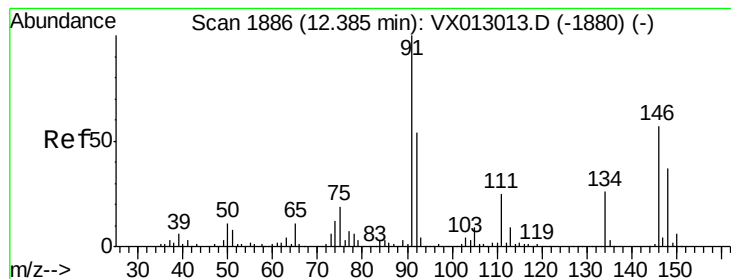
Tot Ion: 91 Resp: 291351
Ion Ratio Lower Upper
91 100
92 54.5 27.5 82.5
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 50.502 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013146.D
Acq: 18 Oct 2019 22:34

Tgt Ion: 117 Resp: 59333
Ion Ratio Lower Upper
117 100
201 78.1 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 56.058 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

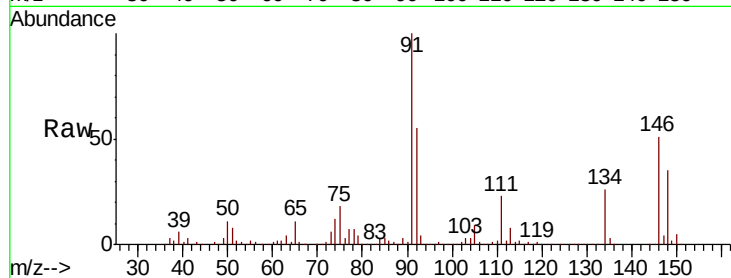
Tot Ion:146 Resp: 174228

Ion Ratio Lower Upper

146 100

111 43.7 22.7 68.0

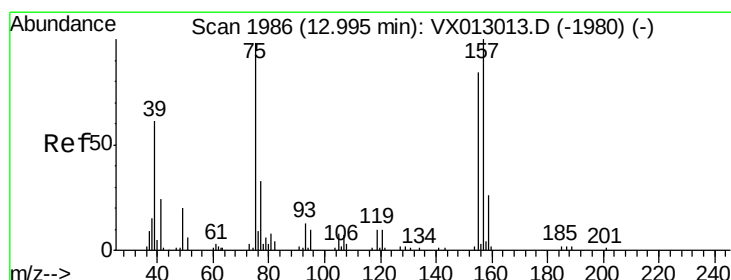
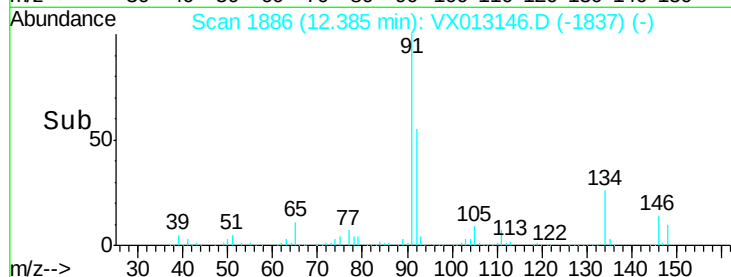
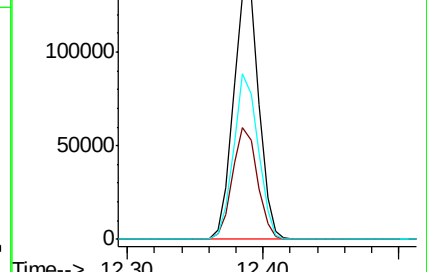
148 63.5 31.6 94.7



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: 56.083 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

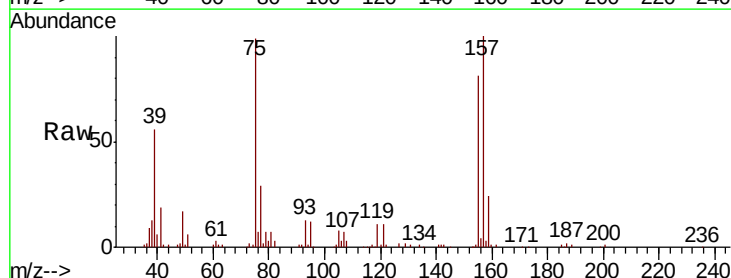
Tgt Ion: 75 Resp: 31674

Ion Ratio Lower Upper

75 100

155 83.3 43.0 128.8

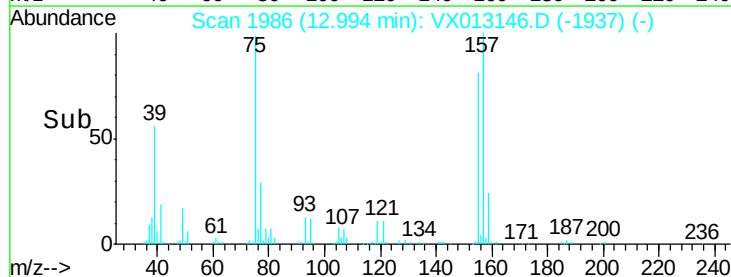
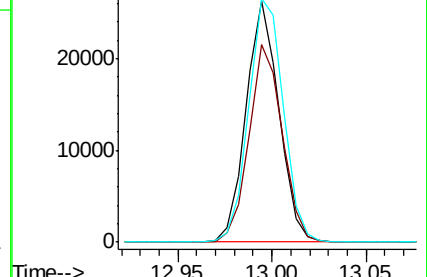
157 106.9 54.1 162.3

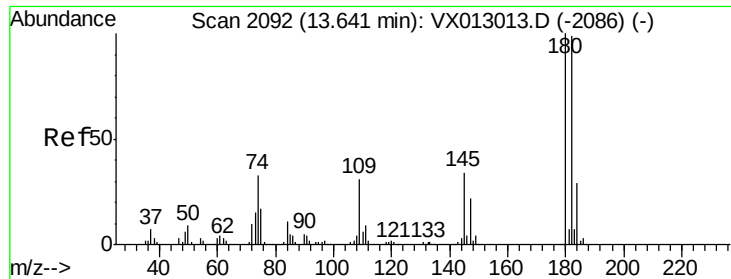


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

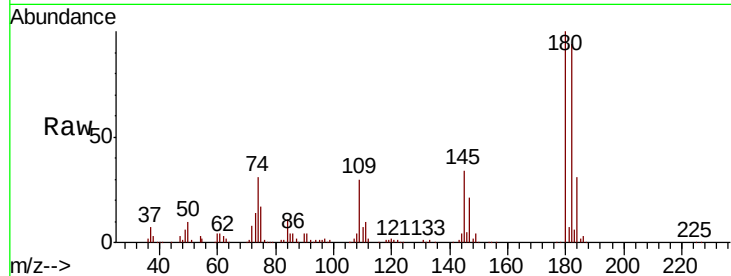




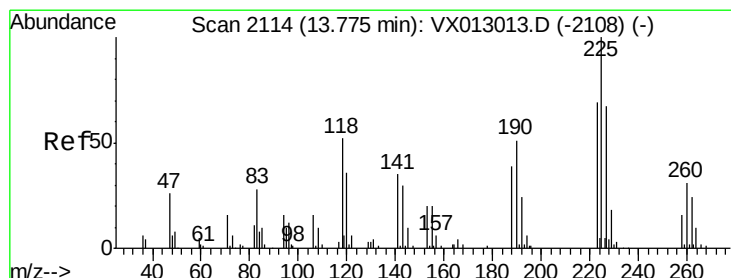
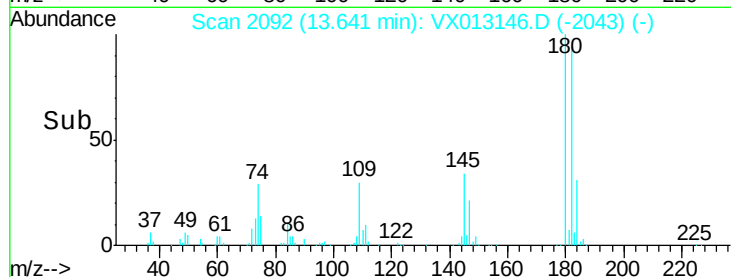
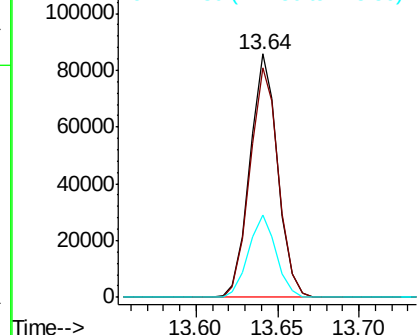
#93
 1,2,4-Trichlorobenzene
 Concen: 52.358 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.8	140.4
145	33.6	16.2	48.6

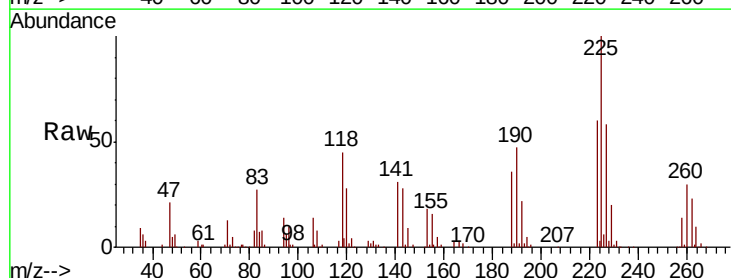


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

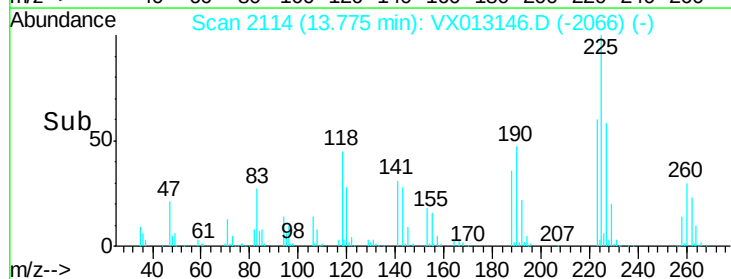
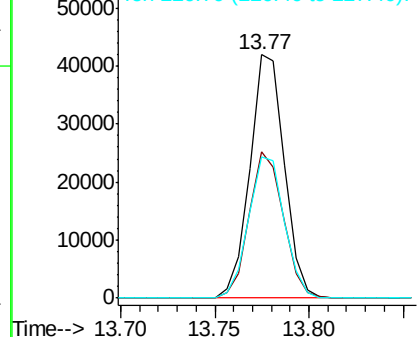


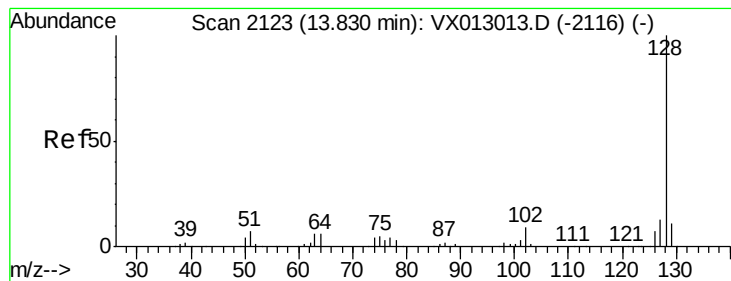
#94
 Hexachlorobutadiene
 Concen: 59.112 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013146.D
 Acq: 18 Oct 2019 22:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.1	93.2
227	60.2	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.777 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

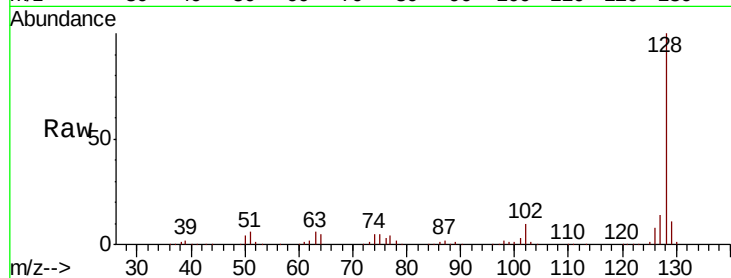
Tot Ion:128 Resp: 342695

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

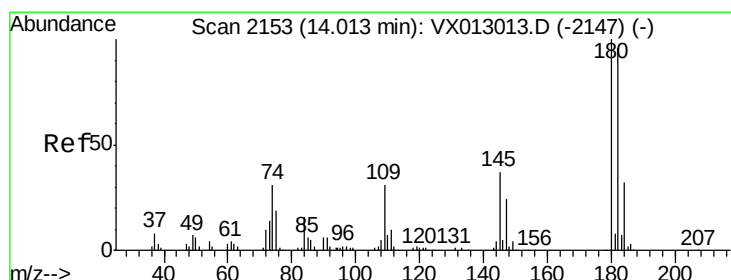
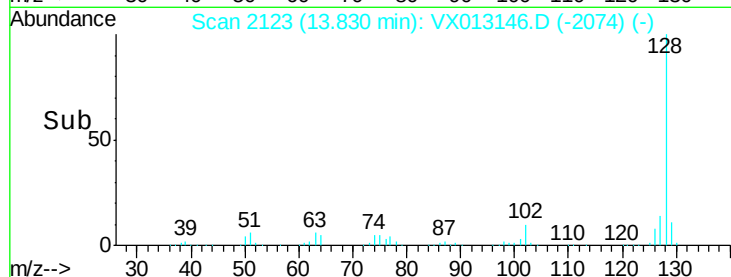
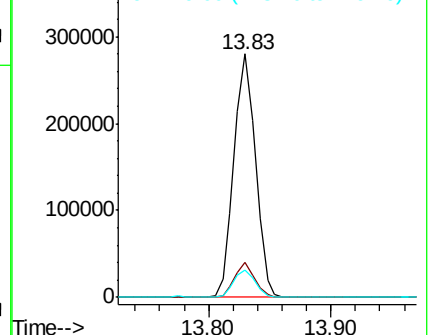
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.743 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013146.D

Acq: 18 Oct 2019 22:34

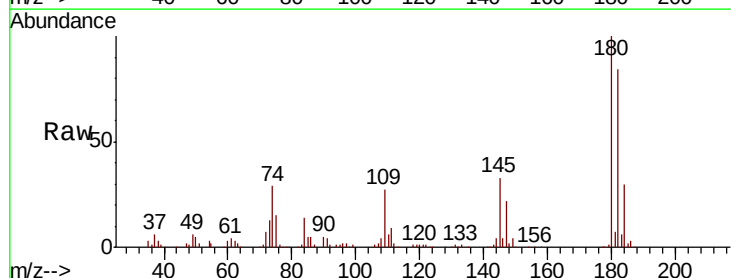
Tgt Ion:180 Resp: 110139

Ion Ratio Lower Upper

180 100

182 91.9 47.5 142.5

145 33.8 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

