

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012118.D
 Acq On : 05 Sep 2019 23:39
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 05:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	123817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102912	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	87532	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	5.48	113	68129	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	257470	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.14	95	114693	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	57247	50.138	ug/l	99
3) Chloromethane	1.31	50	63553	54.349	ug/l	99
4) Vinyl Chloride	1.39	62	59548	54.127	ug/l	98
5) Bromomethane	1.63	94	33505	61.392	ug/l	98
6) Chloroethane	1.71	64	37441	54.744	ug/l	98
7) Trichlorofluoromethane	1.92	101	92355	54.048	ug/l	98
8) Diethyl Ether	2.17	74	32437	54.931	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64205	50.729	ug/l #	84
10) Methyl Iodide	2.50	142	52807	42.439	ug/l	91
11) Tert butyl alcohol	3.03	59	39978	243.627	ug/l	95
12) 1,1-Dichloroethene	2.36	96	62093	50.929	ug/l	85
13) Acrolein	2.28	56	7965	185.805	ug/l	97
14) Allyl chloride	2.72	41	118252	53.602	ug/l	95
15) Acrylonitrile	3.13	53	94056	253.478	ug/l	98
16) Acetone	2.43	43	85650	209.746	ug/l	99
17) Carbon Disulfide	2.56	76	192692	54.079	ug/l	100
18) Methyl Acetate	2.76	43	51399	53.431	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	205904	51.874	ug/l	98
20) Methylene Chloride	2.84	84	78899	48.115	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	74008	51.727	ug/l	90
22) Diisopropyl ether	3.84	45	239458	53.252	ug/l	96
23) Vinyl Acetate	3.80	43	761238	261.698	ug/l	97
24) 1,1-Dichloroethane	3.68	63	138269	53.018	ug/l	99
25) 2-Butanone	4.65	43	131517	253.014	ug/l	94
26) 2,2-Dichloropropane	4.57	77	112014	46.522	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	86525	51.592	ug/l	92
28) Bromochloromethane	5.00	49	52034	49.983	ug/l #	78
29) Tetrahydrofuran	5.11	42	82017	261.885	ug/l	98
30) Chloroform	5.19	83	145894	52.135	ug/l	99
31) Cyclohexane	5.57	56	105363	50.304	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130272	53.451	ug/l	96
36) 1,1-Dichloropropene	5.79	75	104904	52.243	ug/l	96
37) Ethyl Acetate	4.82	43	58876	53.920	ug/l	99
38) Carbon Tetrachloride	5.77	117	111048	52.483	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	113800	48.831	ug/l	93
40) Benzene	6.13	78	300340	52.101	ug/l	99
41) Methacrylonitrile	5.03	41	33588	51.581	ug/l	97
42) 1,2-Dichloroethane	6.18	62	113038	54.491	ug/l	96
43) Isopropyl Acetate	6.43	43	118448	53.349	ug/l	98
44) Trichloroethene	7.20	130	80124	51.533	ug/l	83
45) 1,2-Dichloropropane	7.51	63	76466	51.342	ug/l	96
46) Dibromomethane	7.65	93	45556	52.398	ug/l #	74
47) Bromodichloromethane	7.89	83	113771	51.481	ug/l	99
48) Methyl methacrylate	7.76	41	59369	53.181	ug/l	96
49) 1,4-Dioxane	7.73	88	15289	1004.644	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	305268	270.316	ug/l	96
52) Toluene	8.78	92	195442	52.108	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	113273	49.508	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	126382	49.673	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	62530	50.306	ug/l	98
56) Ethyl methacrylate	9.17	69	91245	51.249	ug/l	94
57) 1,3-Dichloropropane	9.37	76	108333	50.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	183855	229.051	ug/l	94
59) 2-Hexanone	9.48	43	212273	257.606	ug/l	97
60) Dibromochloromethane	9.57	129	75153	50.731	ug/l	97
61) 1,2-Dibromoethane	9.67	107	62103	51.706	ug/l	97
64) Tetrachloroethene	9.33	164	75351	58.047	ug/l #	88
65) Chlorobenzene	10.14	112	211976	51.597	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	79209	52.729	ug/l	97
67) Ethyl Benzene	10.25	91	385717	51.508	ug/l	96
68) m/p-Xylenes	10.35	106	282381	102.346	ug/l	90
69) o-Xylene	10.70	106	134833	50.397	ug/l	87
70) Styrene	10.71	104	243053	52.303	ug/l	94
71) Bromoform	10.85	173	42442	51.440	ug/l #	98
73) Isopropylbenzene	11.01	105	373403	49.452	ug/l	98
74) N-amyl acetate	10.89	43	113248	50.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	76238	48.431	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	84391	67.114	ug/l	77
77) Bromobenzene	11.25	156	84592	50.092	ug/l	69
78) n-propylbenzene	11.35	91	451837	49.531	ug/l	95
79) 2-Chlorotoluene	11.42	91	278160	50.332	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	331709	50.129	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	22946	43.142	ug/l	93
82) 4-Chlorotoluene	11.51	91	332811	50.525	ug/l	90
83) tert-Butylbenzene	11.76	119	307128	48.697	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	342594	50.375	ug/l	93
85) sec-Butylbenzene	11.94	105	382228	48.793	ug/l	94
86) p-Isopropyltoluene	12.06	119	350805	49.242	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	165946	49.039	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	166290	49.146	ug/l	94
89) n-Butylbenzene	12.38	91	337967	48.835	ug/l	95
90) Hexachloroethane	12.59	117	67286	47.302	ug/l	58
91) 1,2-Dichlorobenzene	12.38	146	153373	50.325	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16165	49.073	ug/l	66

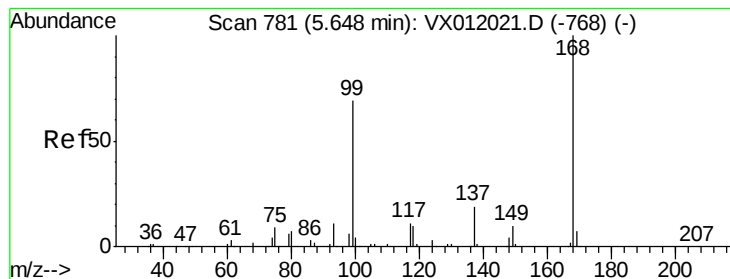
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104989	48.400	ug/l	95
94) Hexachlorobutadiene	13.78	225	58465	53.468	ug/l	99
95) Naphthalene	13.83	128	233413	49.718	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	96394	50.510	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

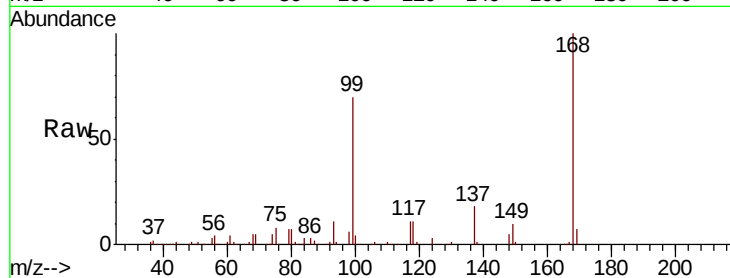
VSTDCCC050

Tgt Ion:168 Resp: 123817

Ion Ratio Lower Upper

168 100

99 69.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

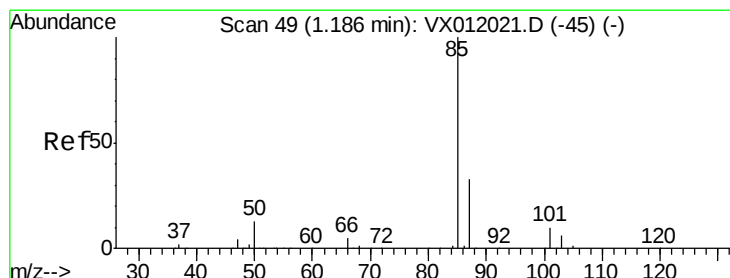
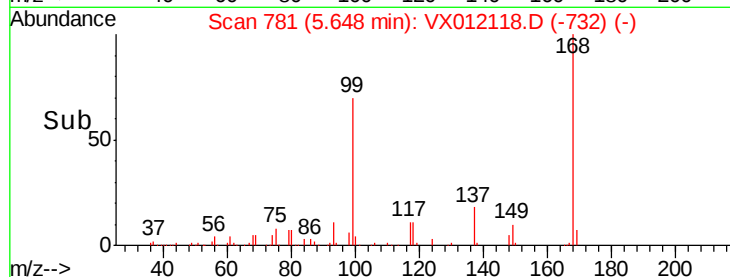
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.138 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012118.D

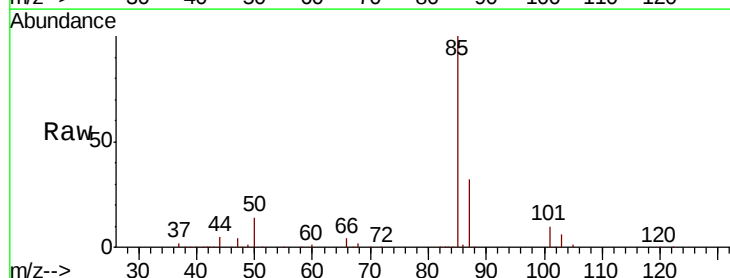
Acq: 05 Sep 2019 23:39

Tgt Ion: 85 Resp: 57247

Ion Ratio Lower Upper

85 100

87 31.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

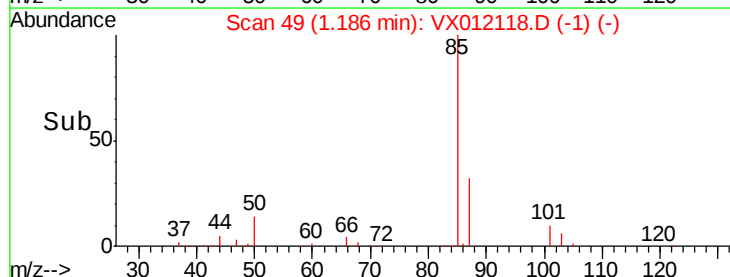
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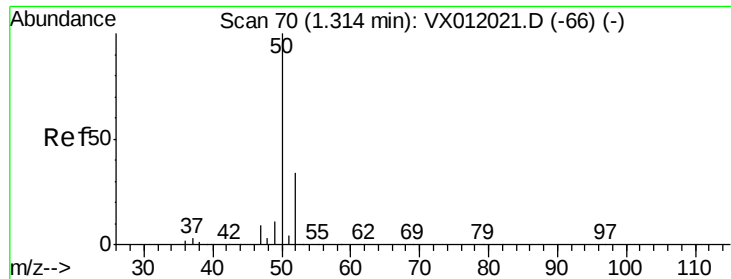
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.349 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

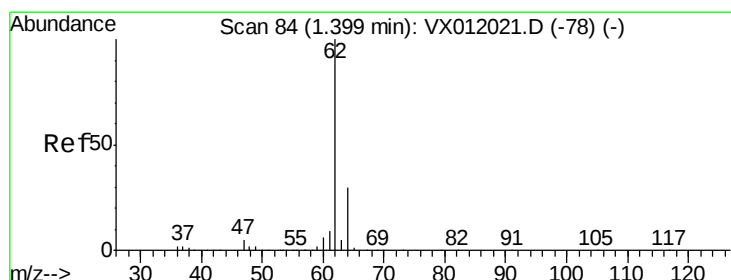
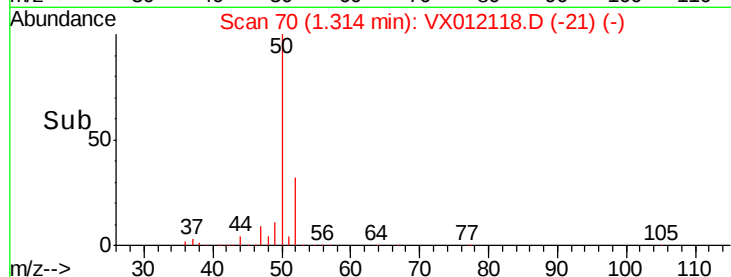
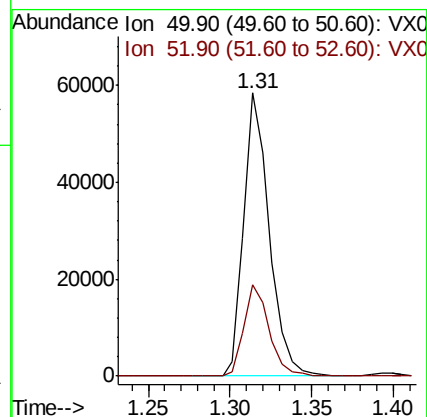
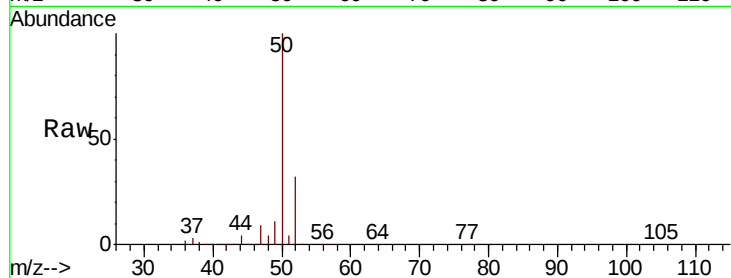
VSTDCCC050

Tgt Ion: 50 Resp: 63553

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 54.127 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012118.D

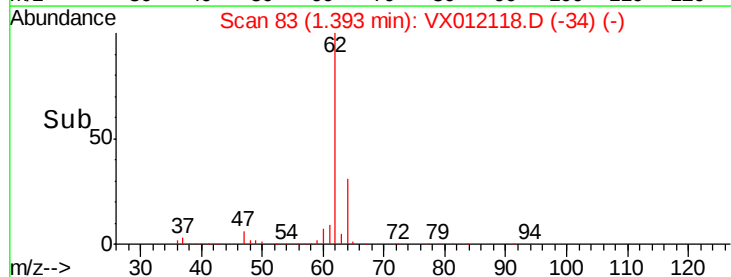
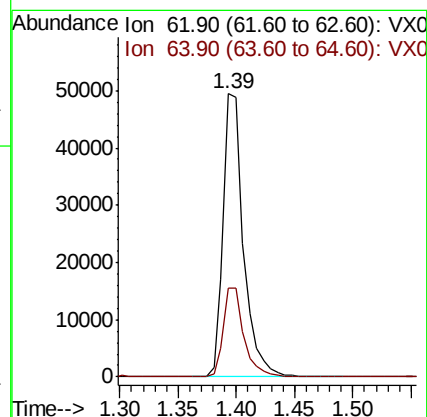
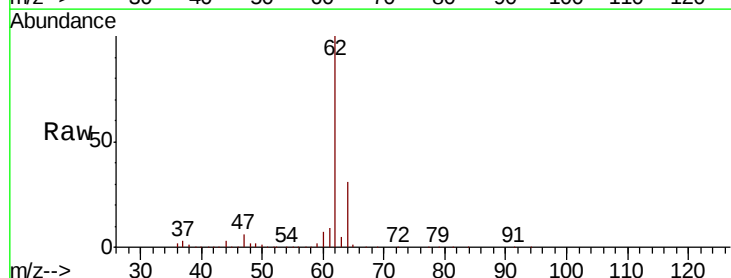
Acq: 05 Sep 2019 23:39

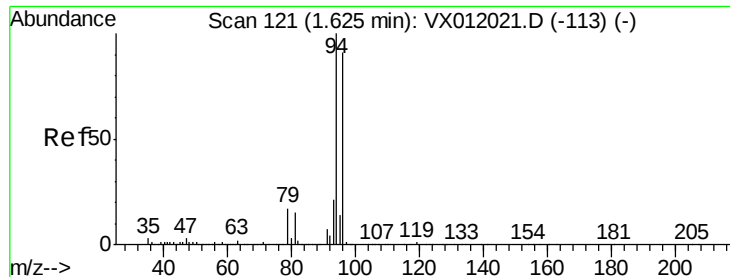
Tgt Ion: 62 Resp: 59548

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 61.392 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

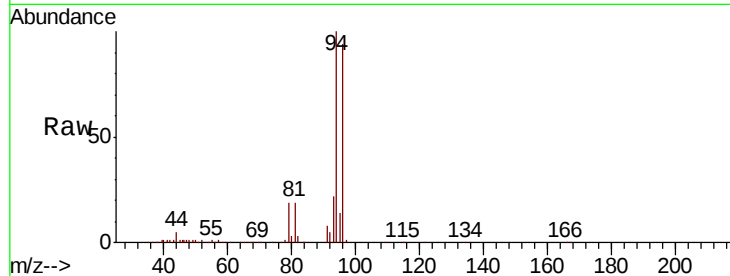
VSTDCCC050

Tgt Ion: 94 Resp: 33505

Ion Ratio Lower Upper

94 100

96 93.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

25000

20000

15000

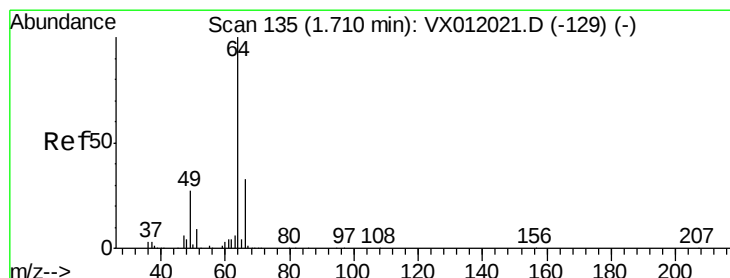
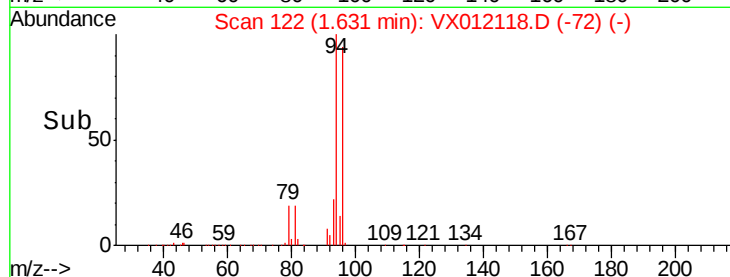
10000

5000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 54.744 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012118.D

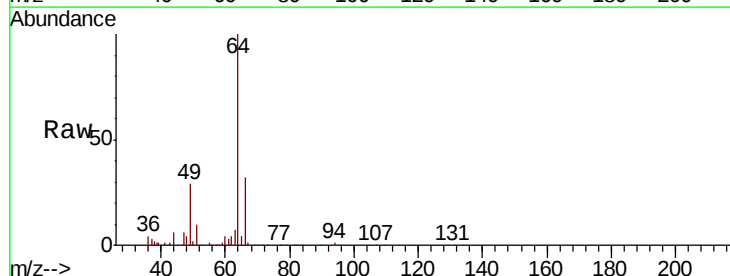
Acq: 05 Sep 2019 23:39

Tgt Ion: 64 Resp: 37441

Ion Ratio Lower Upper

64 100

66 31.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

15000

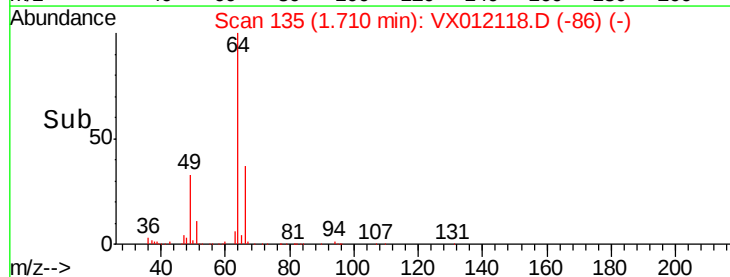
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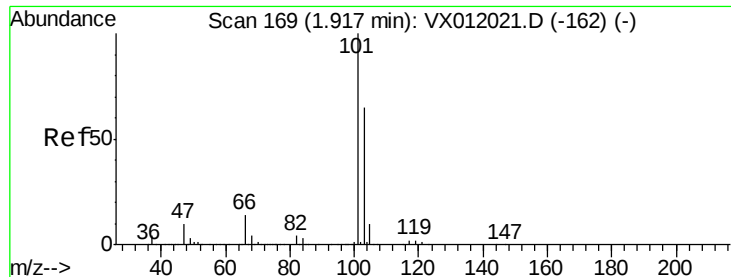
5000

0

Time-->

1.60 1.70 1.80



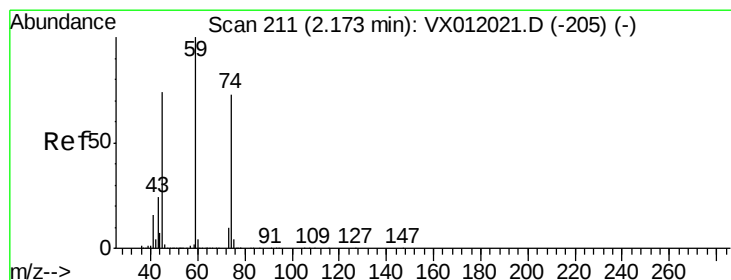
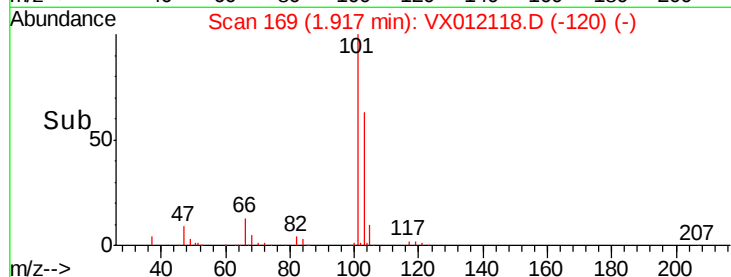
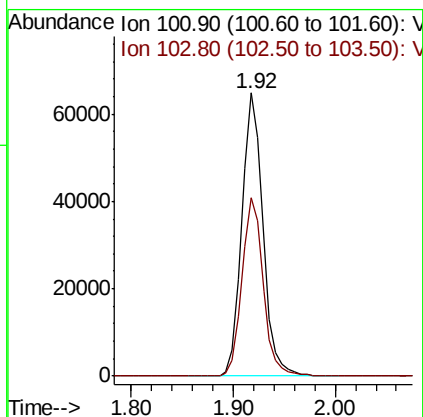
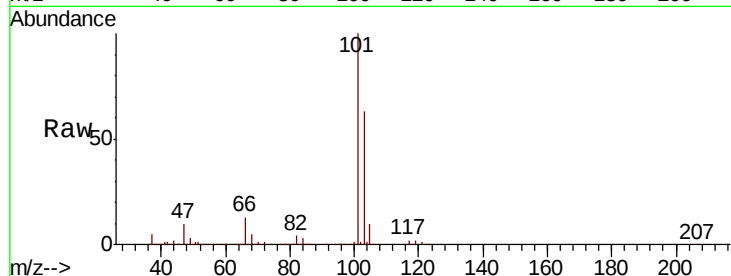


#7

Trichlorofluoromethane
 Concen: 54.048 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

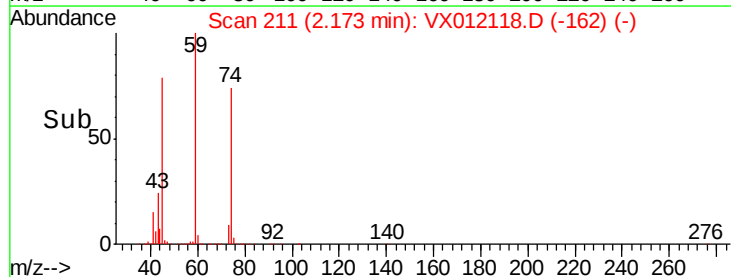
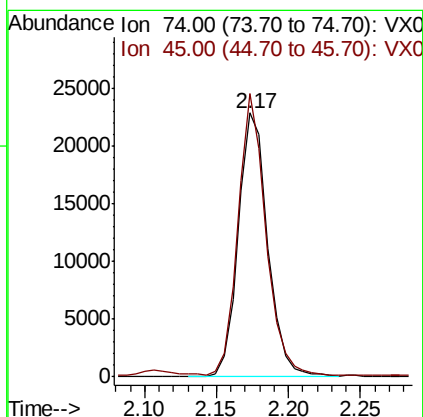
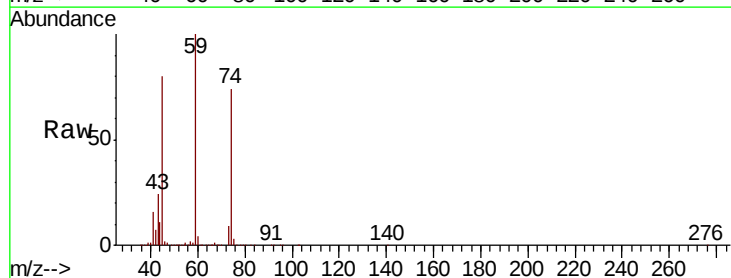
Tgt Ion:101 Resp: 92355
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.6 77.4

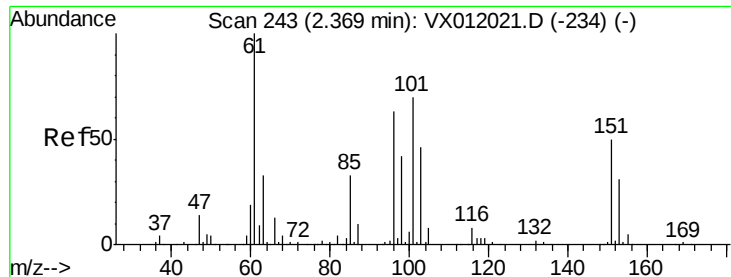


#8

Diethyl Ether
 Concen: 54.931 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 74 Resp: 32437
 Ion Ratio Lower Upper
 74 100
 45 100.7 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.729 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

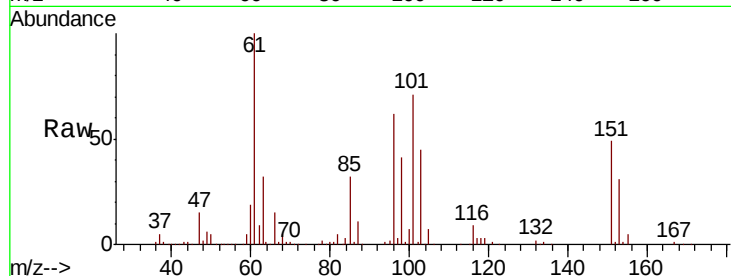
Tgt Ion:101 Resp: 64205

Ion Ratio Lower Upper

101 100

85 46.5 34.5 51.7

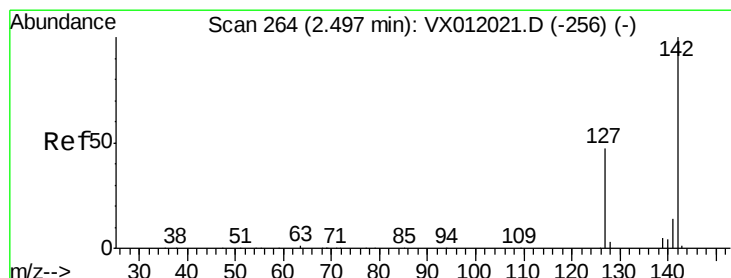
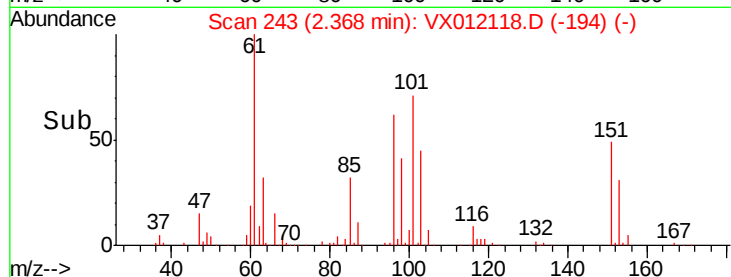
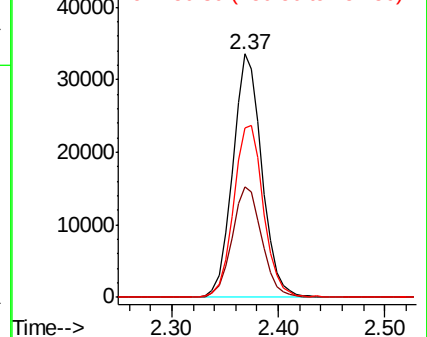
151 72.9 75.0 112.4#



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: 42.439 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

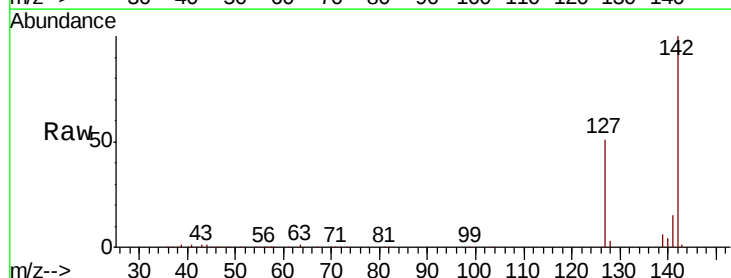
Tgt Ion:142 Resp: 52807

Ion Ratio Lower Upper

142 100

127 51.4 35.4 53.2

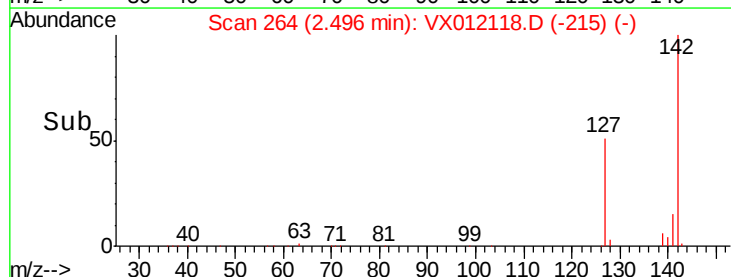
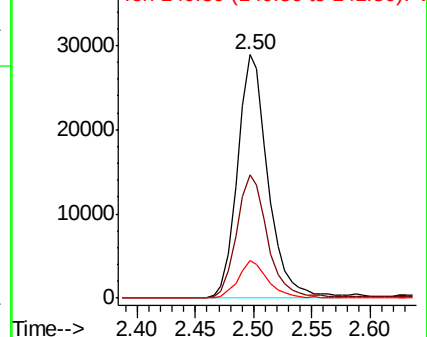
141 15.0 11.4 17.2

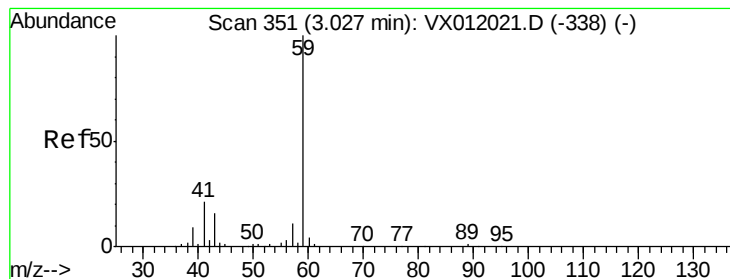


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



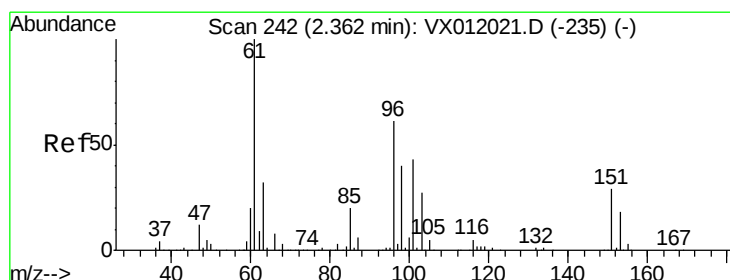
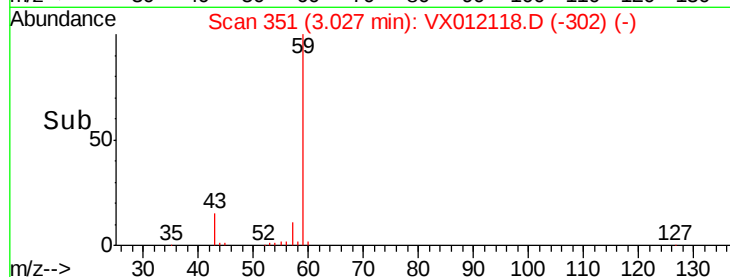
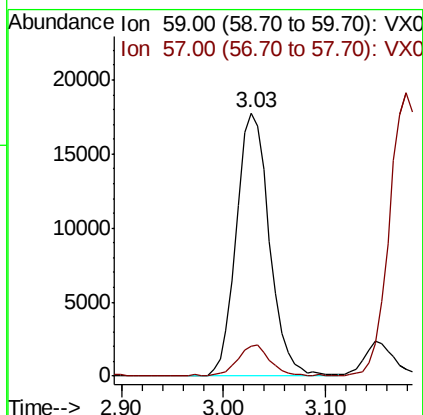
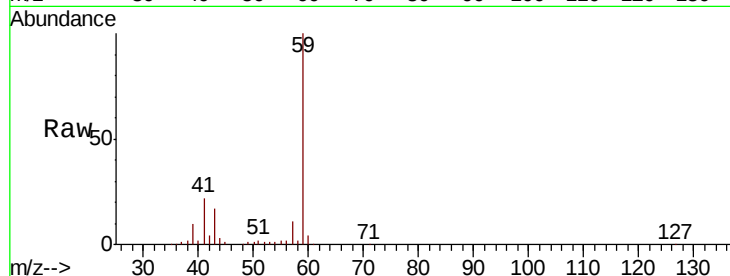


#11

Tert butyl alcohol
 Concen: 243.627 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

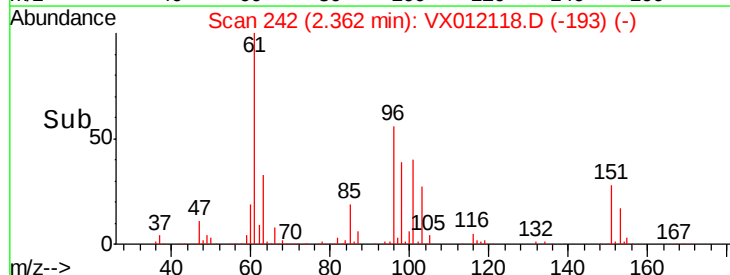
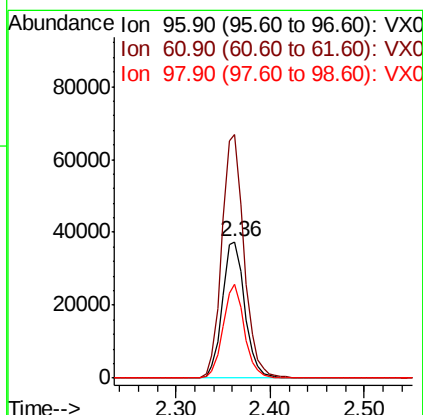
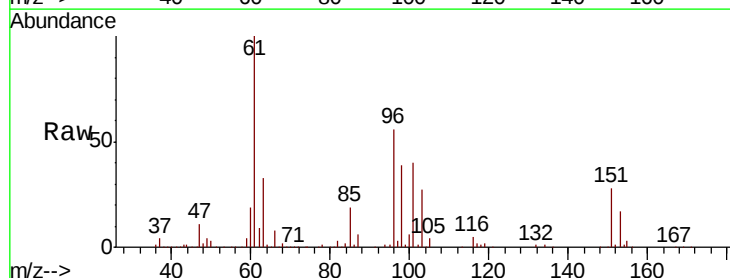
Tgt Ion: 59 Resp: 39978
 Ion Ratio Lower Upper
 59 100
 57 11.8 7.9 11.9

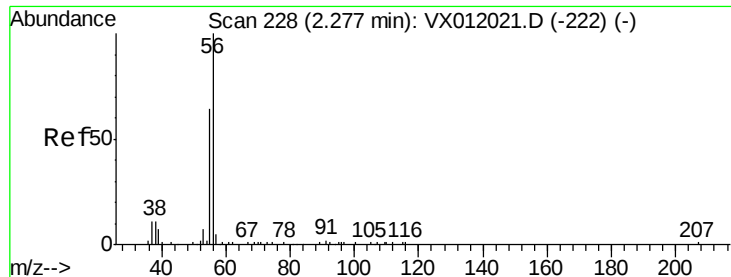


#12

1,1-Dichloroethene
 Concen: 50.929 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 96 Resp: 62093
 Ion Ratio Lower Upper
 96 100
 61 178.6 124.1 186.1
 98 68.9 50.2 75.2





#13

Acrolein

Concen: 185.805 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

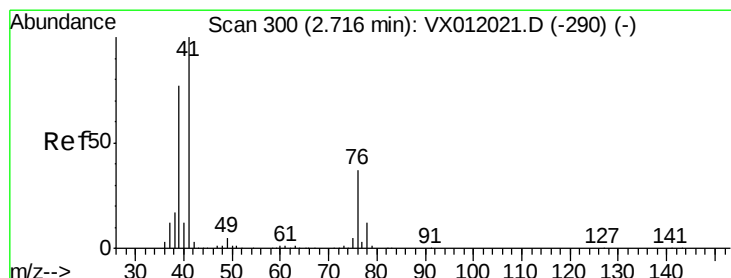
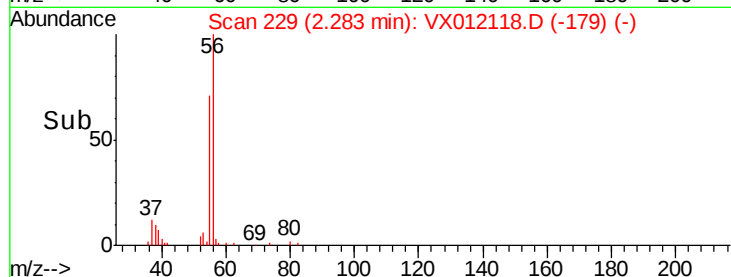
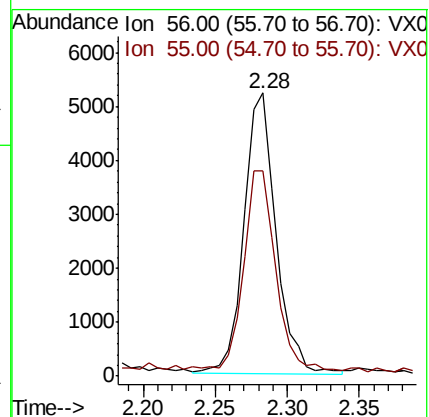
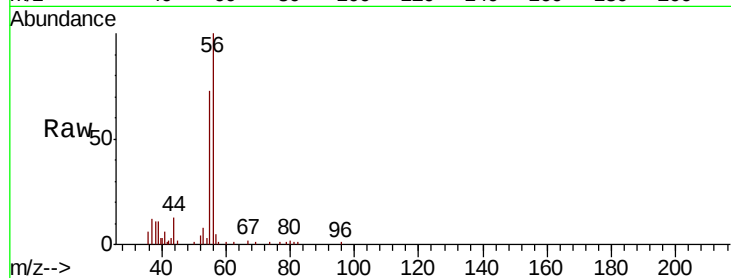
VSTDCCC050

Tgt Ion: 56 Resp: 7965

Ion Ratio Lower Upper

56 100

55 71.6 59.2 88.8



#14

Allyl chloride

Concen: 53.602 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

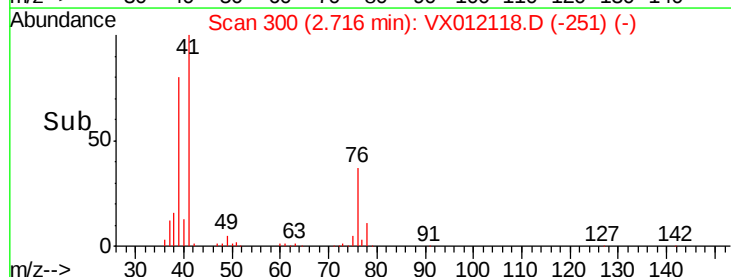
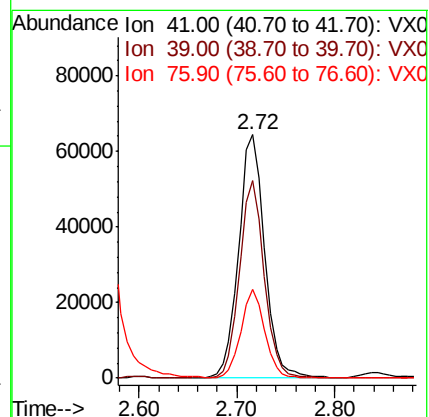
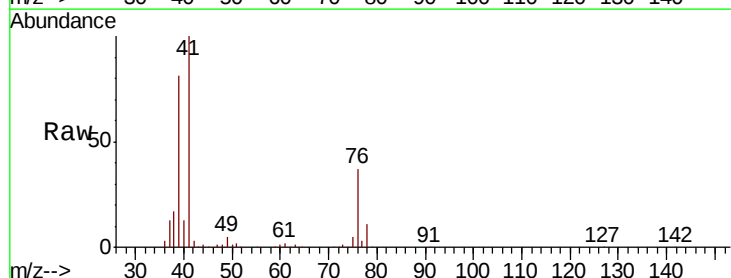
Tgt Ion: 41 Resp: 118252

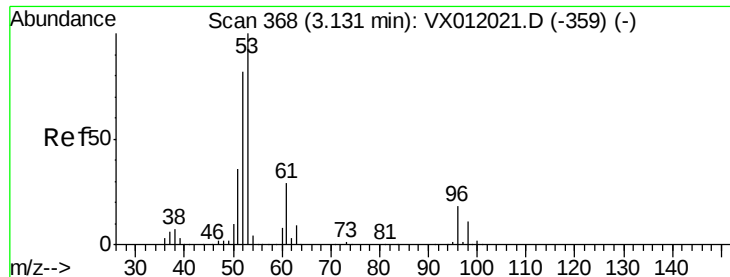
Ion Ratio Lower Upper

41 100

39 77.0 57.9 86.9

76 33.9 28.5 42.7





#15

Acrylonitrile

Concen: 253.478 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

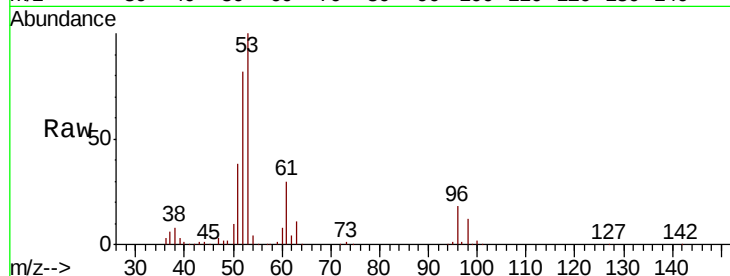
Tgt Ion: 53 Resp: 94056

Ion Ratio Lower Upper

53 100

52 83.0 65.6 98.4

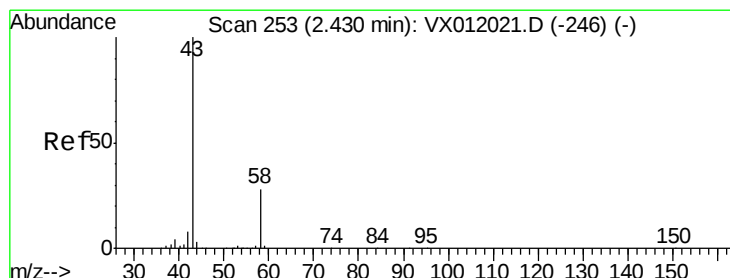
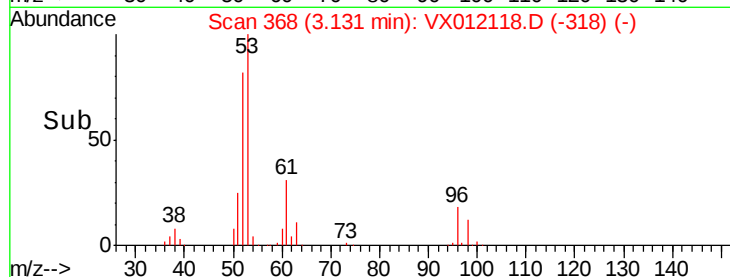
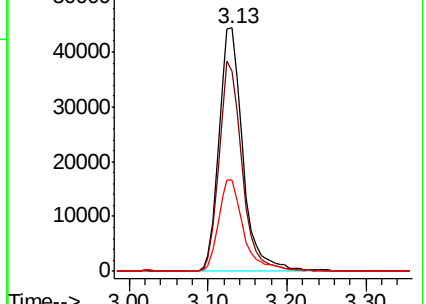
51 39.0 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 209.746 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012118.D

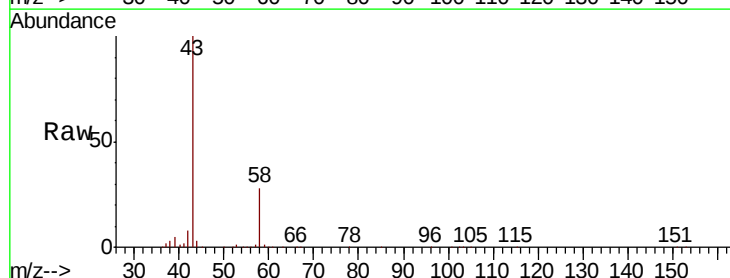
Acq: 05 Sep 2019 23:39

Tgt Ion: 43 Resp: 85650

Ion Ratio Lower Upper

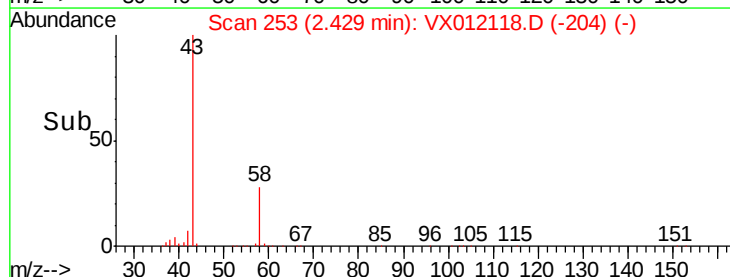
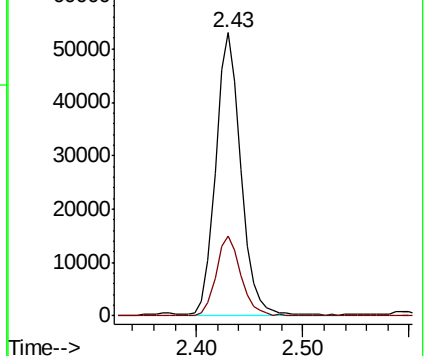
43 100

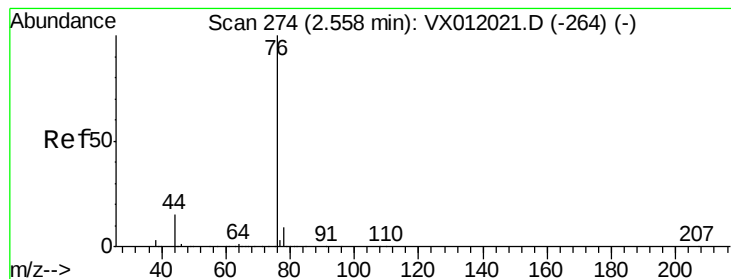
58 28.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 54.079 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

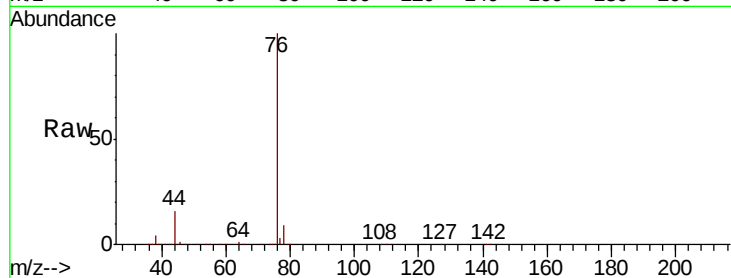
VSTDCCC050

Tgt Ion: 76 Resp: 192692

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

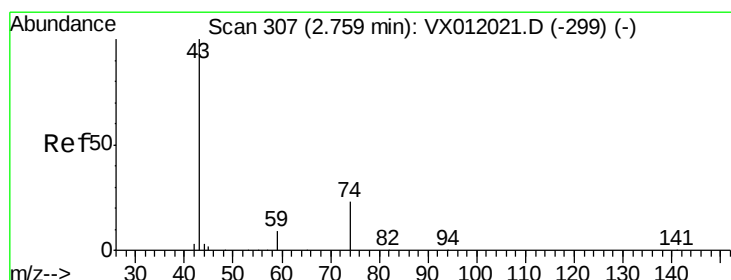
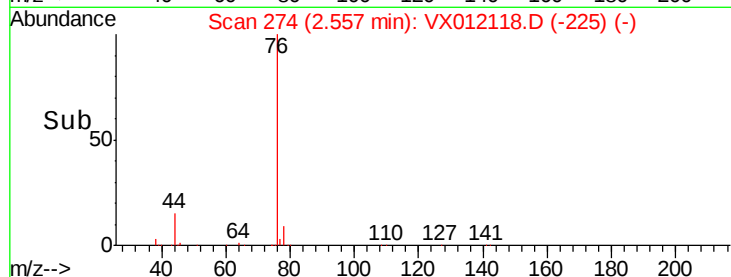
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 53.431 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012118.D

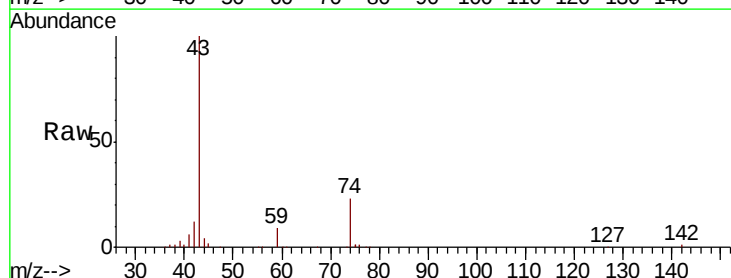
Acq: 05 Sep 2019 23:39

Tgt Ion: 43 Resp: 51399

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

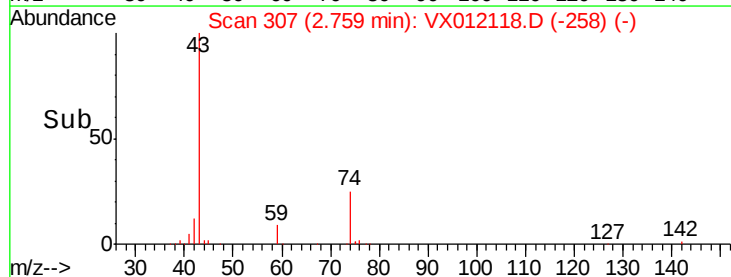
30000

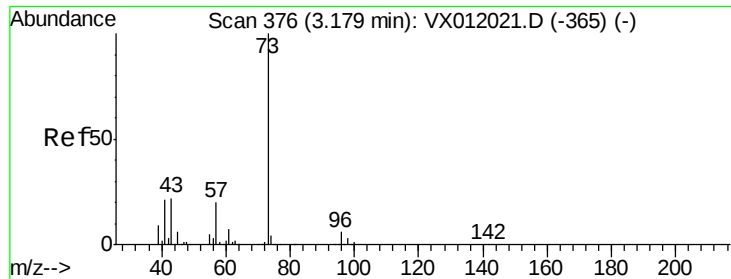
20000

10000

0

Time-->

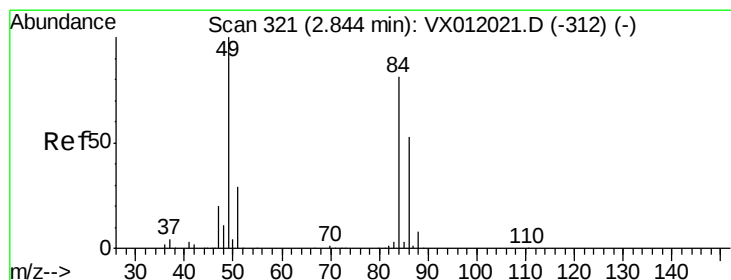
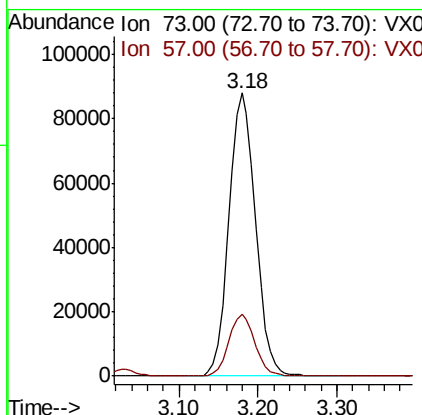
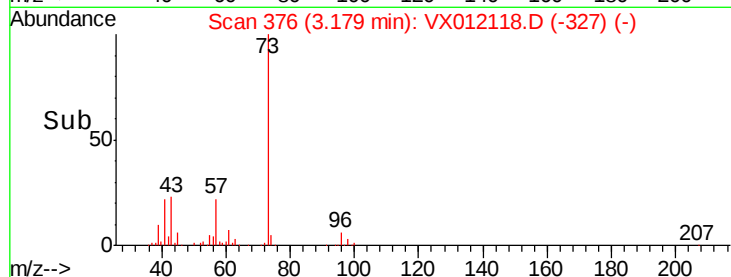
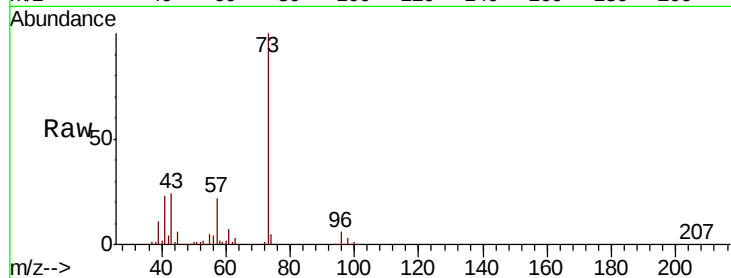




#19
Methyl tert-butyl Ether
Concen: 51.874 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

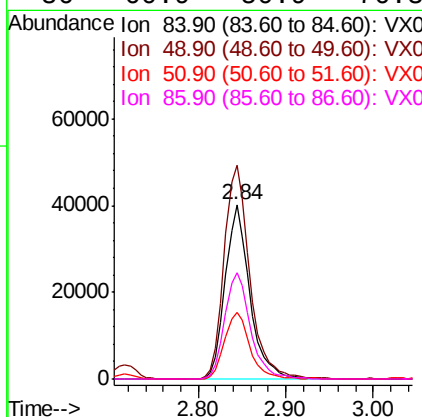
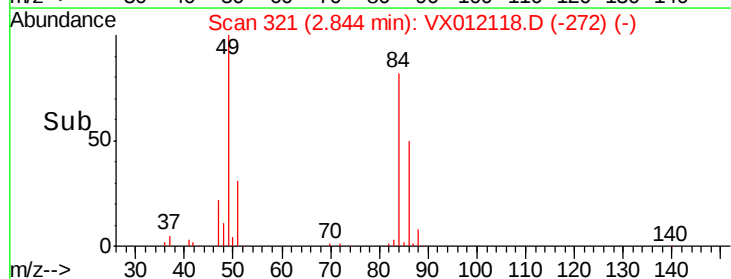
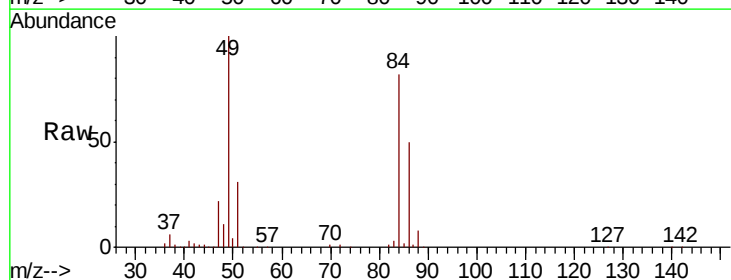
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

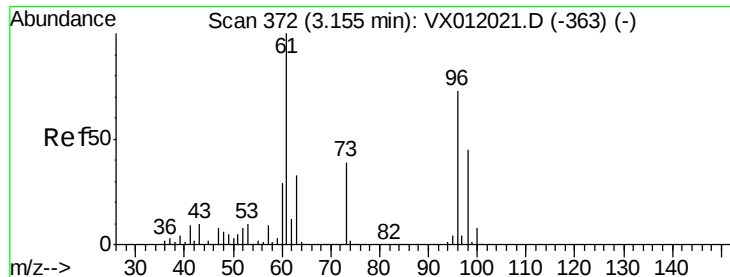
Tgt Ion: 73 Resp: 205904
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#20
Methylene Chloride
Concen: 48.115 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion: 84 Resp: 78899
Ion Ratio Lower Upper
84 100
49 122.3 95.8 143.8
51 38.2 28.6 43.0
86 60.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 51.727 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

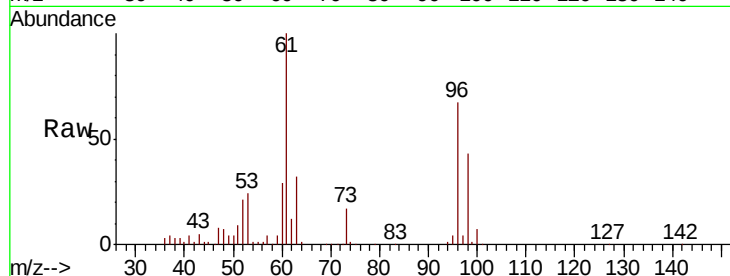
Tgt Ion: 96 Resp: 74008

Ion Ratio Lower Upper

96 100

61 149.0 107.0 160.6

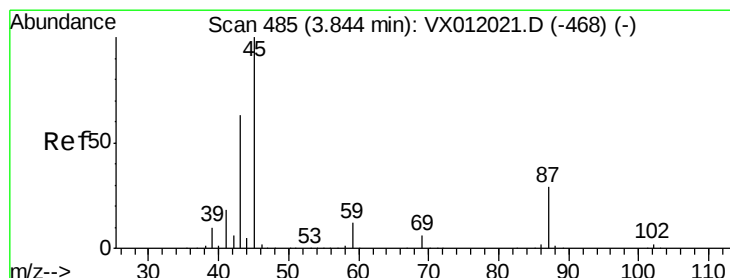
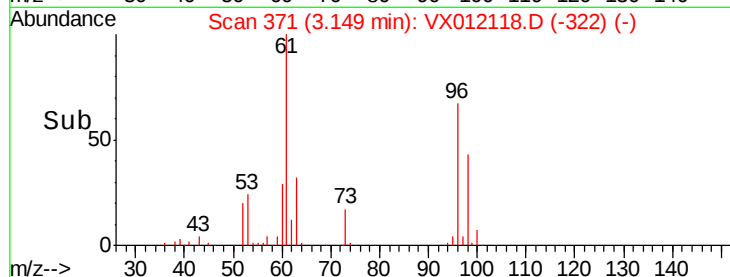
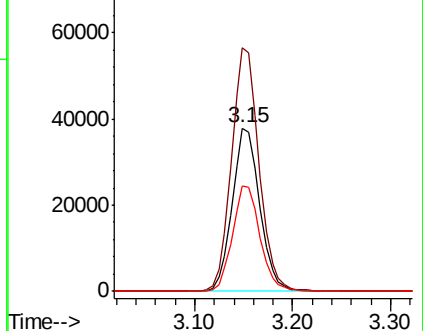
98 64.3 49.8 74.6



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: 53.252 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Tgt Ion: 45 Resp: 239458

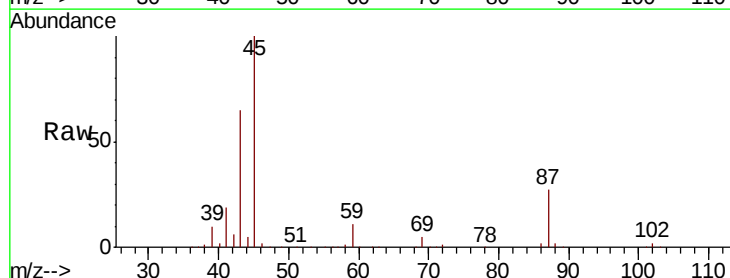
Ion Ratio Lower Upper

45 100

43 64.3 54.2 81.4

87 27.0 23.4 35.0

59 11.4 9.0 13.6

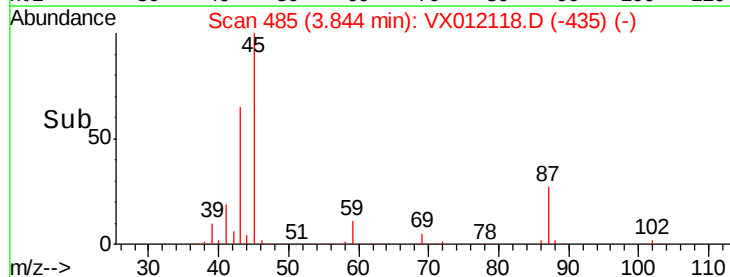
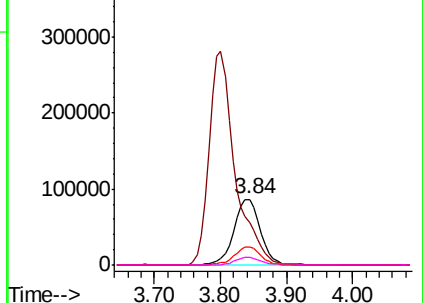


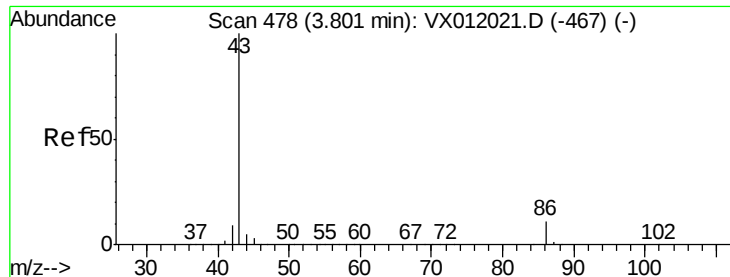
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.698 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

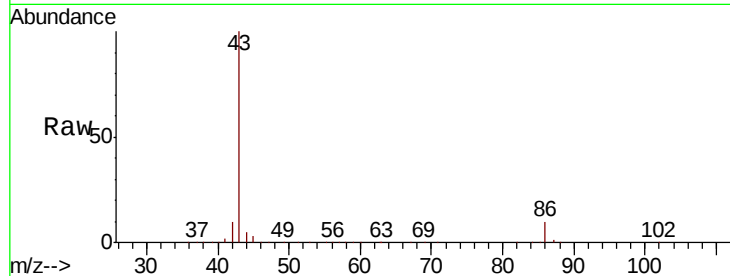
VSTDCCC050

Tgt Ion: 43 Resp: 761238

Ion Ratio Lower Upper

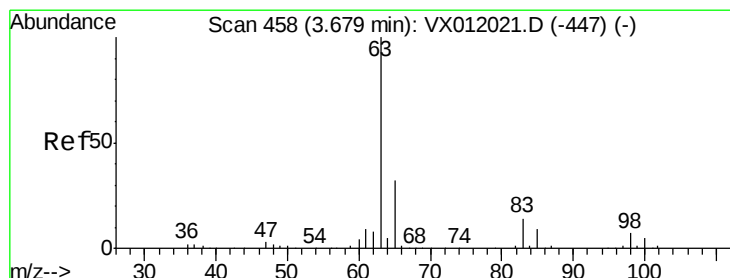
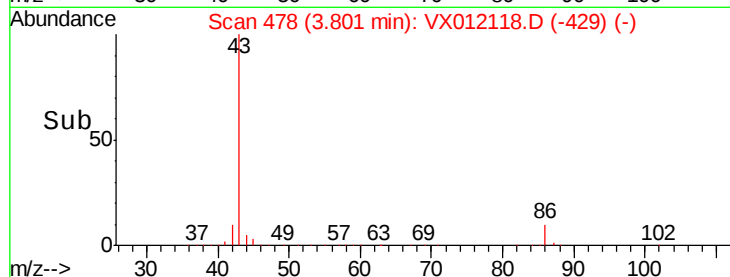
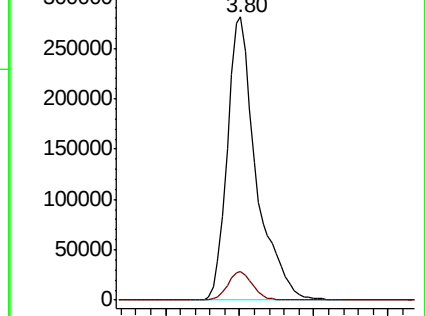
43 100

86 10.1 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: 53.018 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

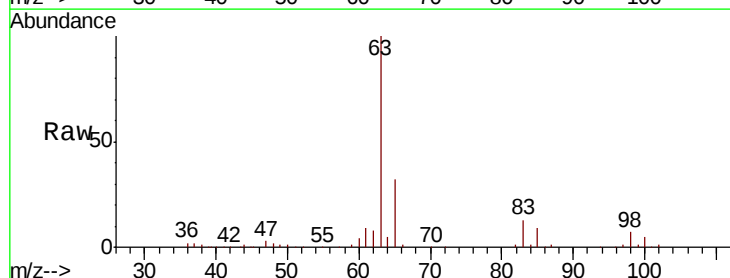
Tgt Ion: 63 Resp: 138269

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

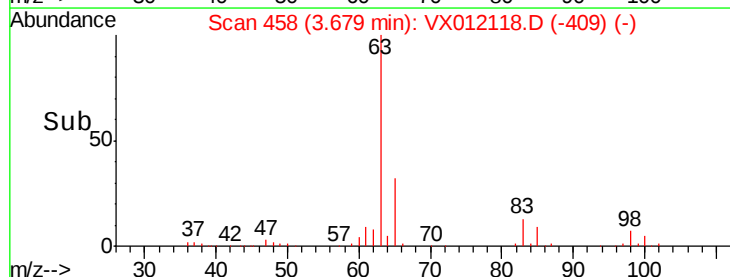
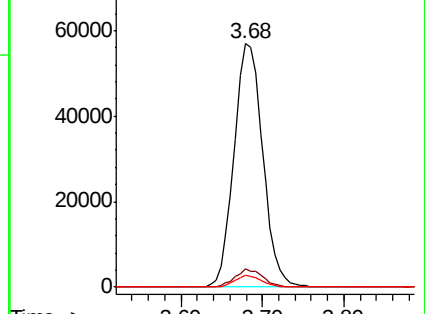
100 4.7 2.5 7.4

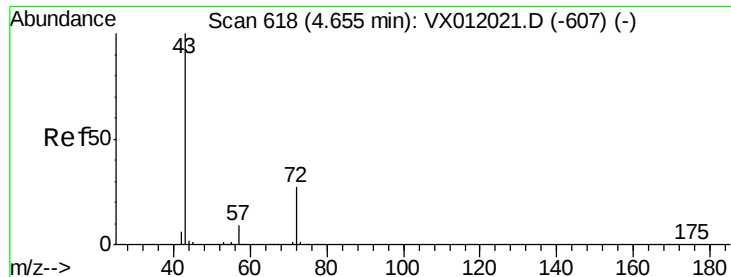


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.014 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

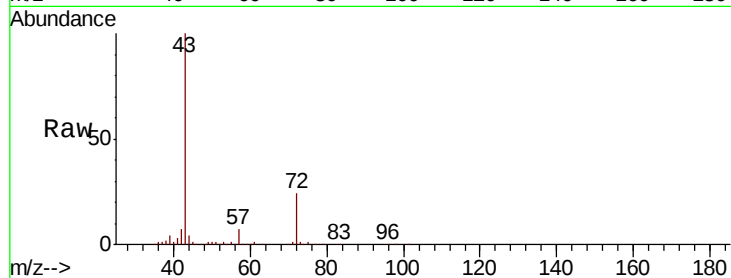
VSTDCCC050

Tgt Ion: 43 Resp: 131517

Ion Ratio Lower Upper

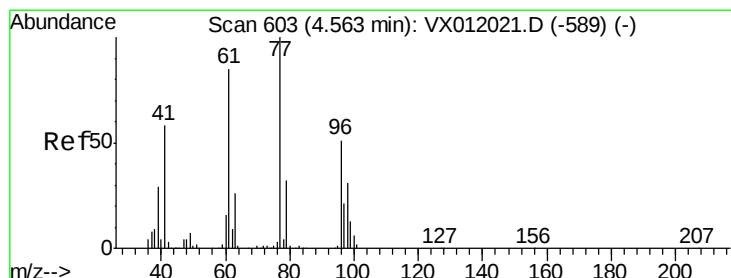
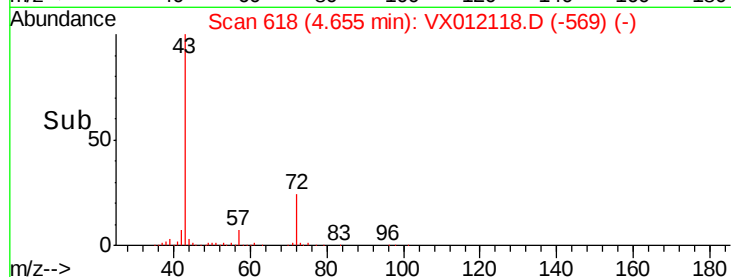
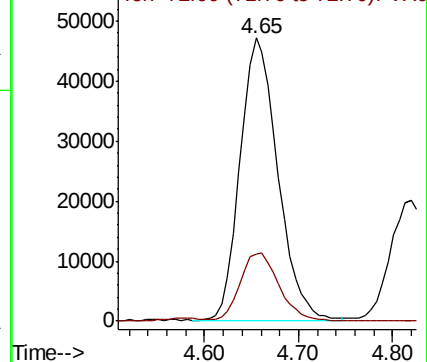
43 100

72 23.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012118.D

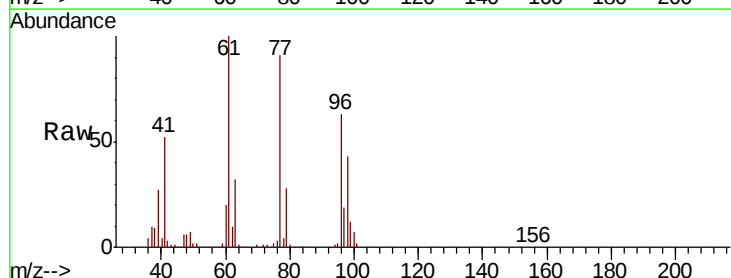
Acq: 05 Sep 2019 23:39

Tgt Ion: 77 Resp: 112014

Ion Ratio Lower Upper

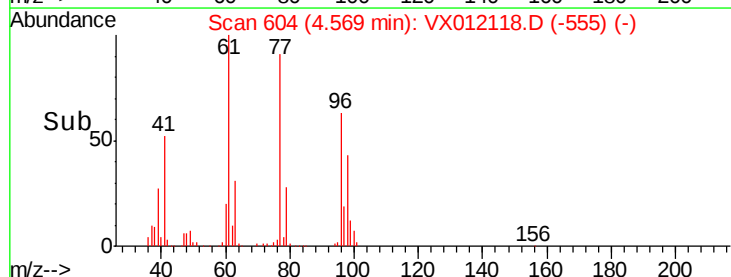
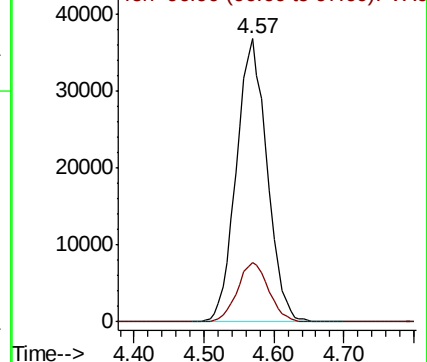
77 100

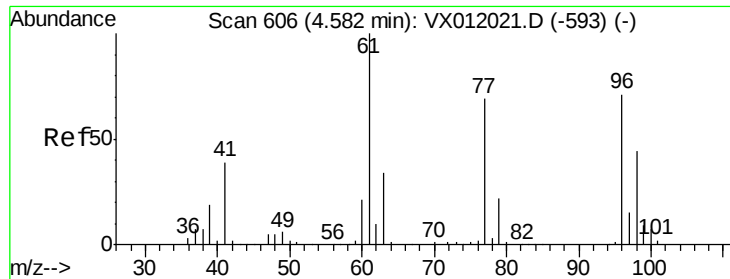
97 21.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

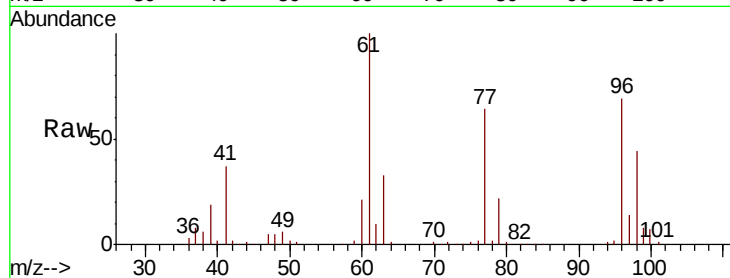




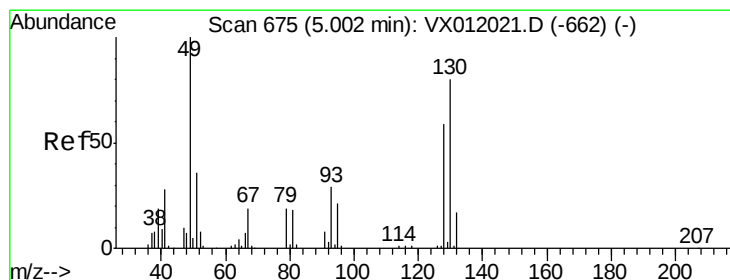
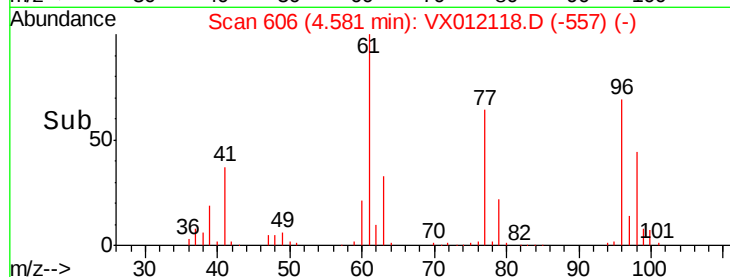
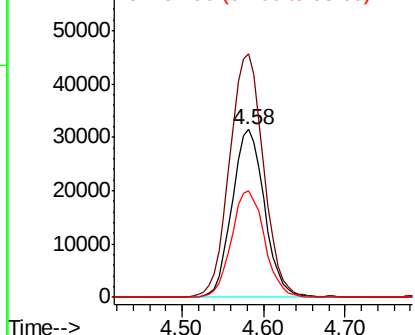
#27
 cis-1,2-Dichloroethene
 Concen: 51.592 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 86525
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 277.0
 98 64.7 0.0 128.4

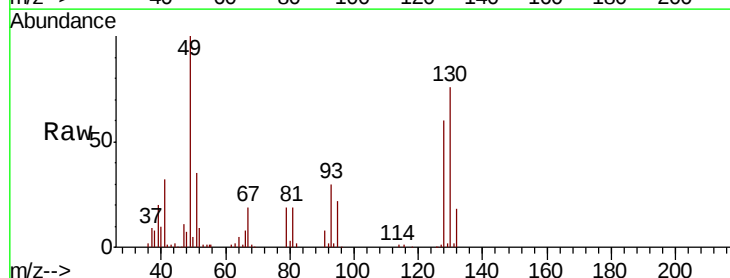


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

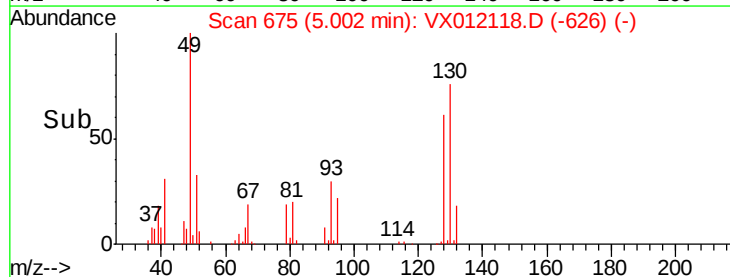
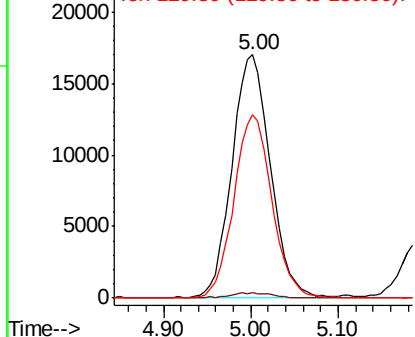


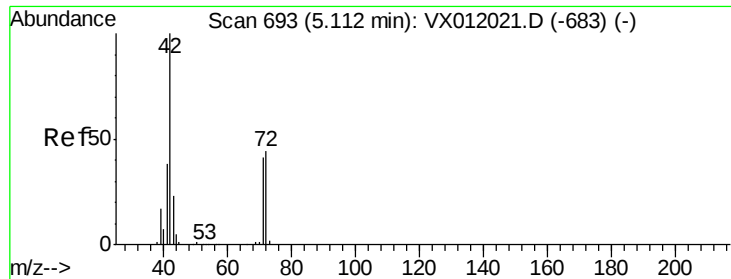
#28
 Bromochloromethane
 Concen: 49.983 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 49 Resp: 52034
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.6
 130 74.2 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

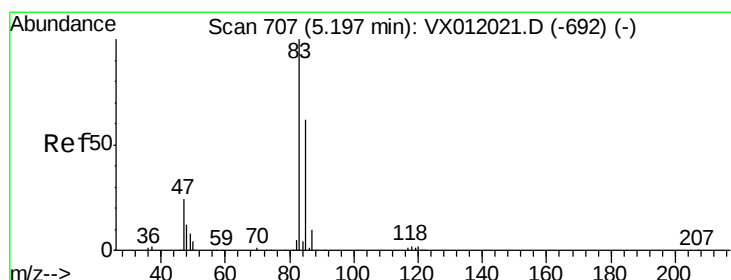
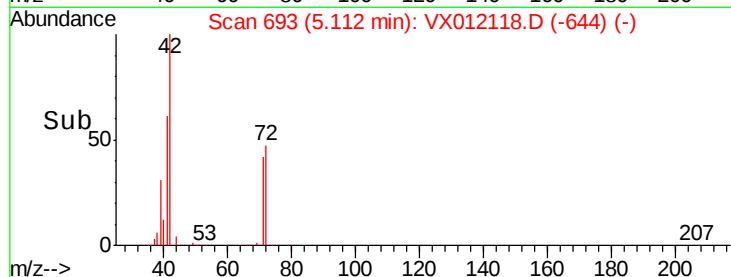
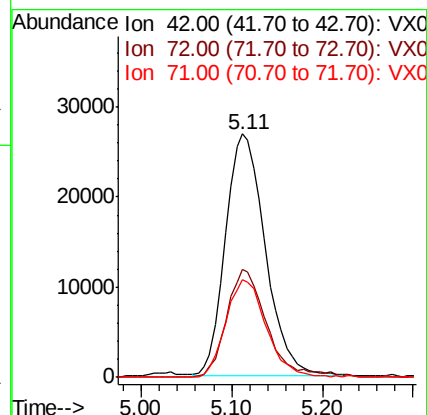
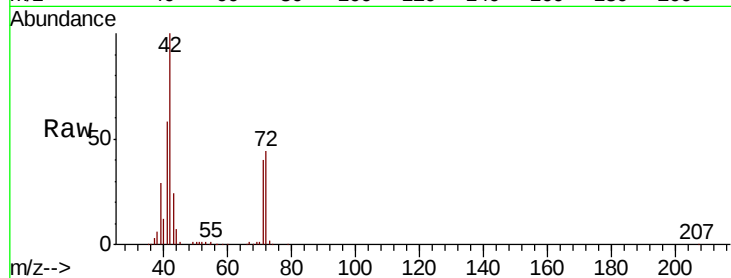




#29
Tetrahydrofuran
Concen: 261.885 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

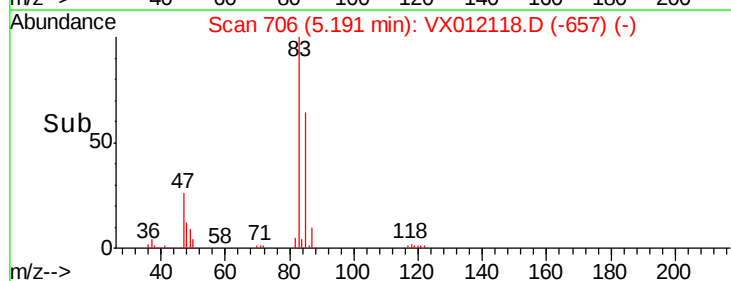
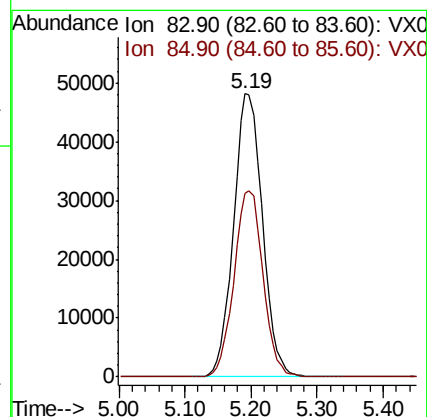
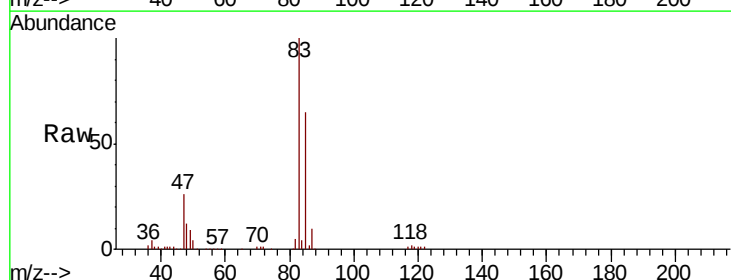
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

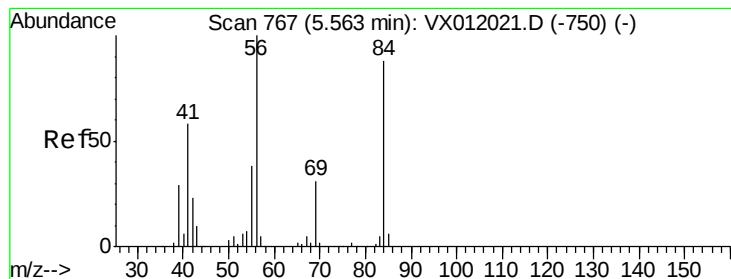
Tgt Ion: 42 Resp: 82017
Ion Ratio Lower Upper
42 100
72 45.1 37.0 55.4
71 40.8 33.8 50.8



#30
Chloroform
Concen: 52.135 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion: 83 Resp: 145894
Ion Ratio Lower Upper
83 100
85 65.1 52.6 78.8





#31

Cyclohexane

Concen: 50.304 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

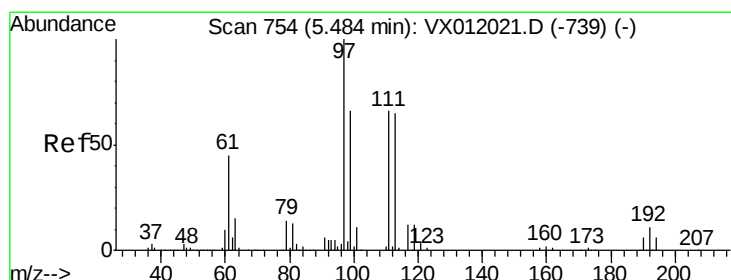
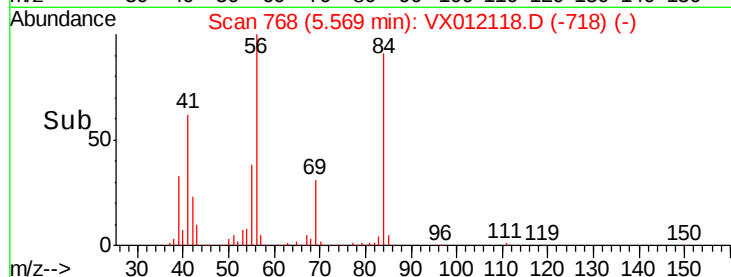
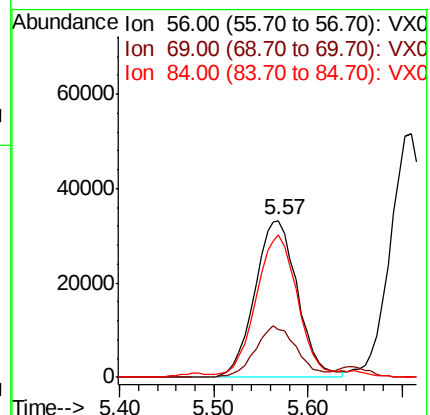
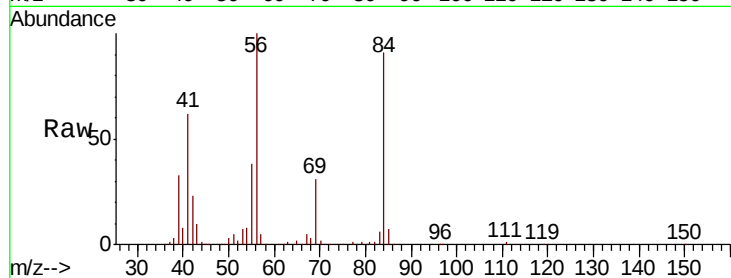
Tgt Ion: 56 Resp: 105363

Ion Ratio Lower Upper

56 100

69 30.8 25.7 38.5

84 88.1 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 53.451 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

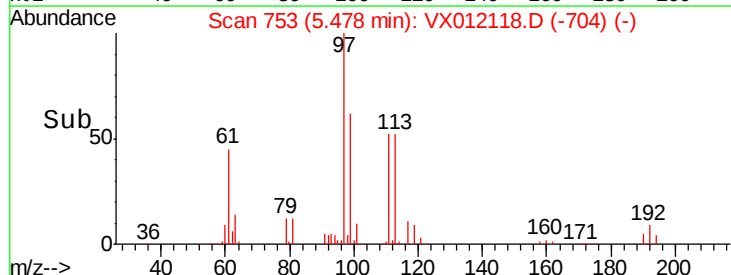
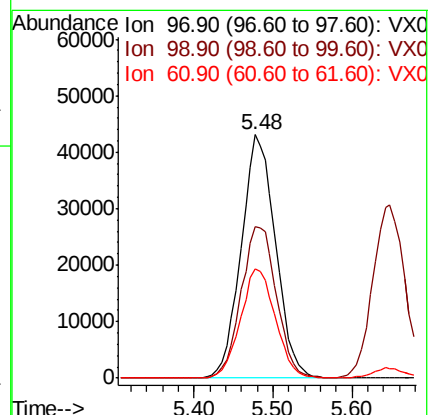
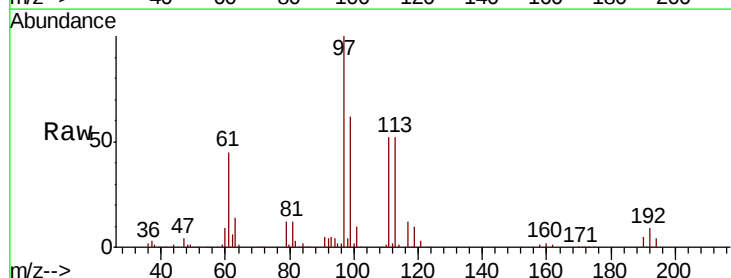
Tgt Ion: 97 Resp: 130272

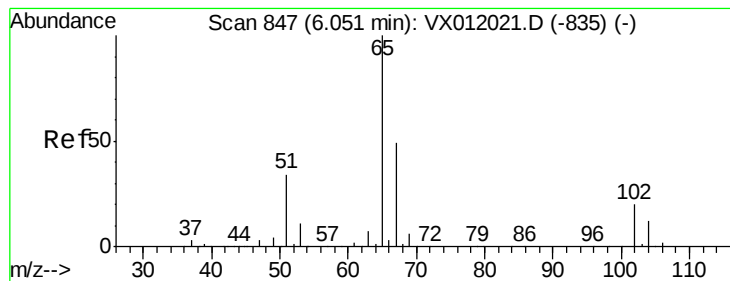
Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 45.8 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 51.235 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

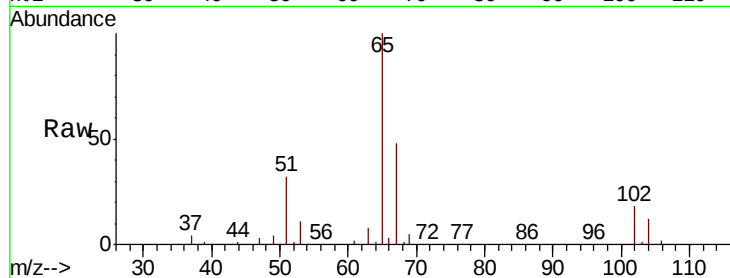
VSTDCCC050

Tgt Ion: 65 Resp: 87532

Ion Ratio Lower Upper

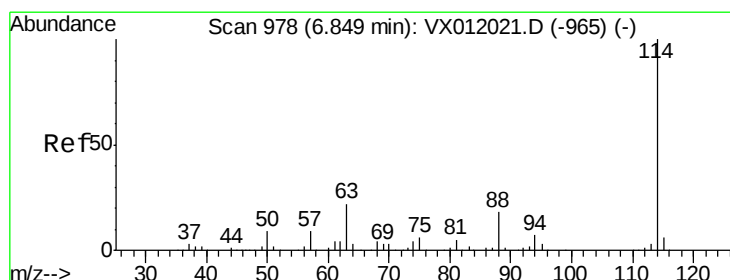
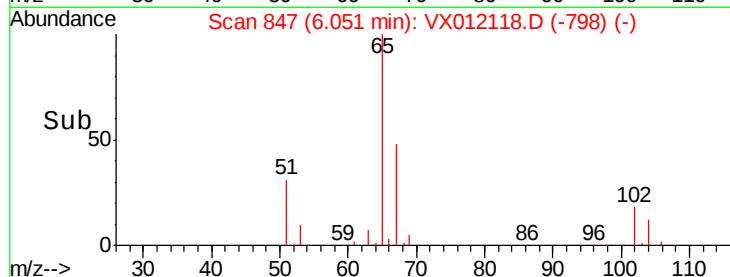
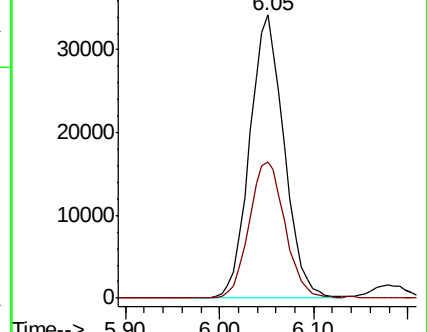
65 100

67 50.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

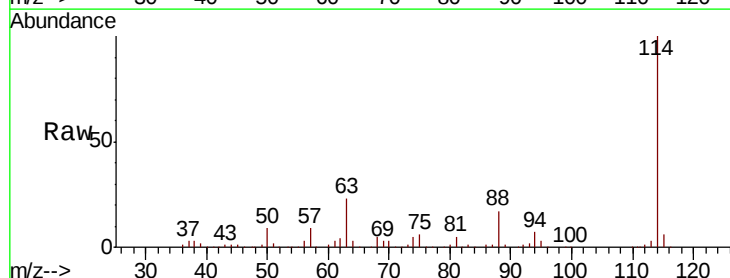
Tgt Ion: 114 Resp: 227986

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

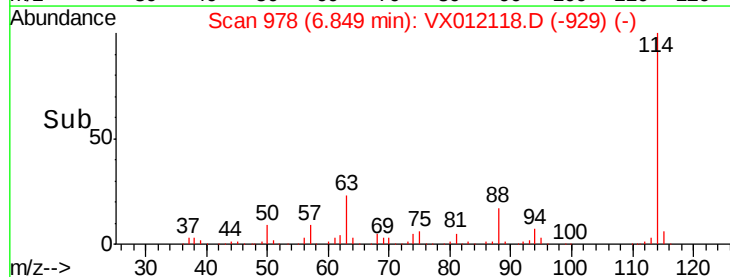
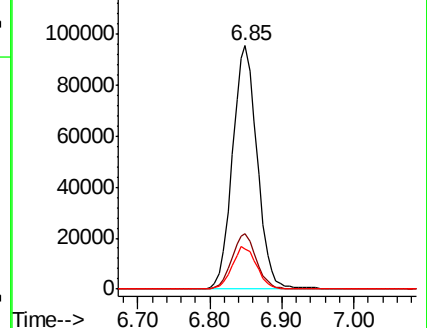
88 16.6 0.0 29.6

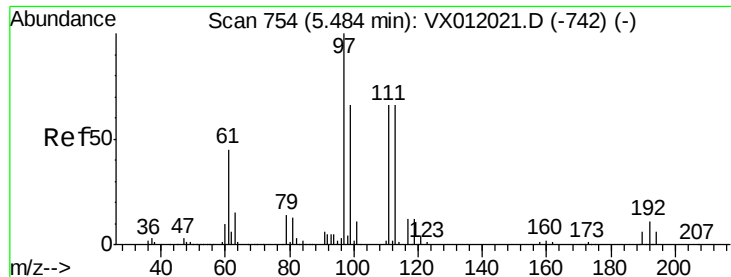


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

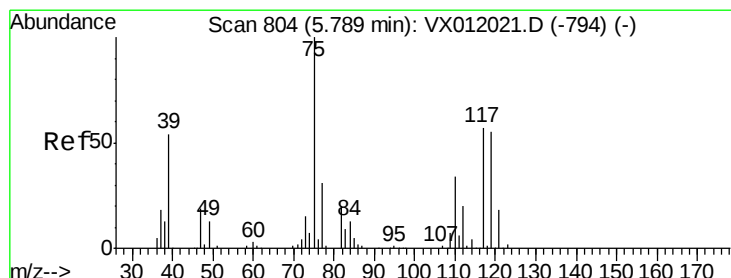
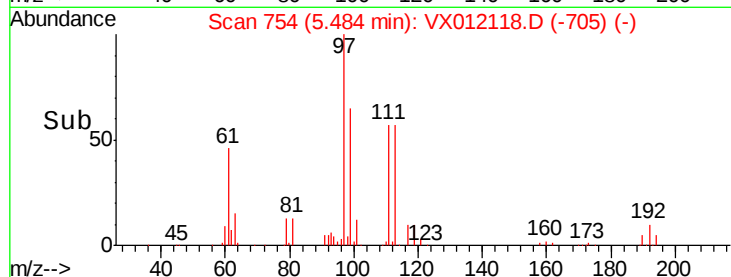
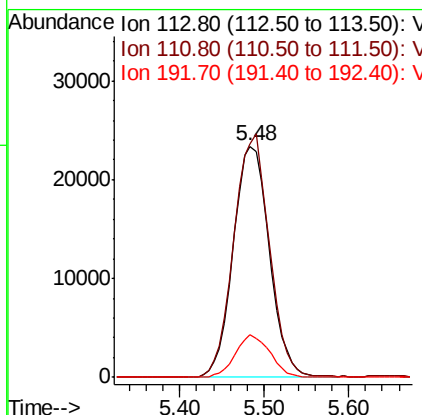
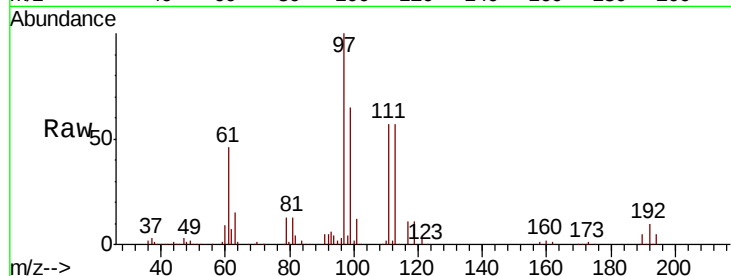




#35
 Dibromofluoromethane
 Concen: 48.592 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

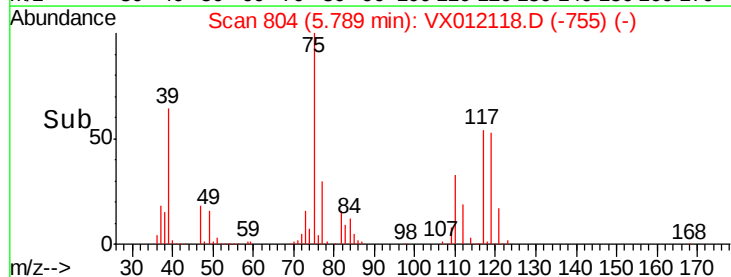
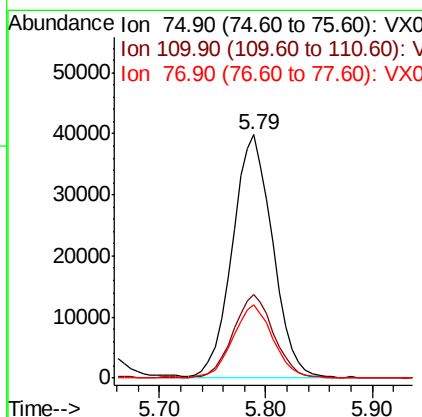
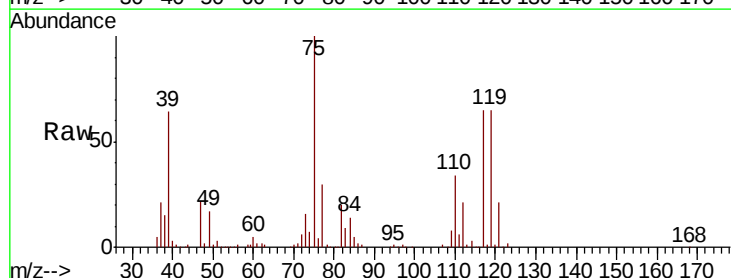
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

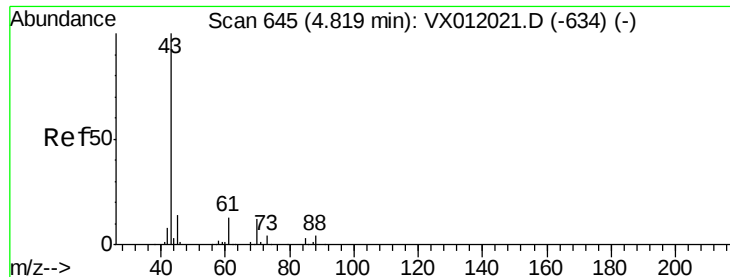
Tgt Ion:113 Resp: 68129
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 17.6 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 52.243 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 75 Resp: 104904
 Ion Ratio Lower Upper
 75 100
 110 34.8 19.5 58.5
 77 30.5 24.6 37.0

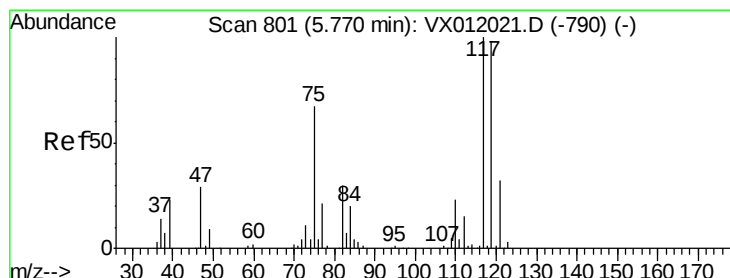
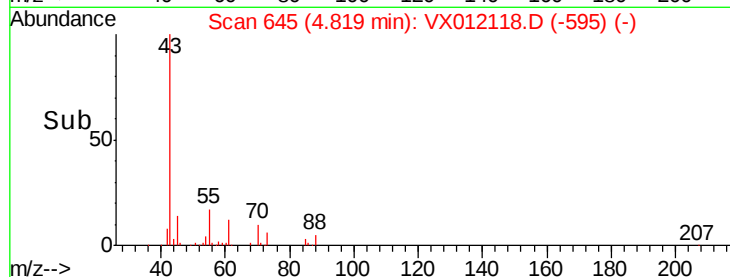
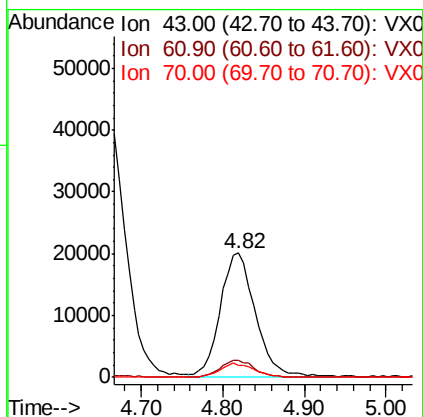
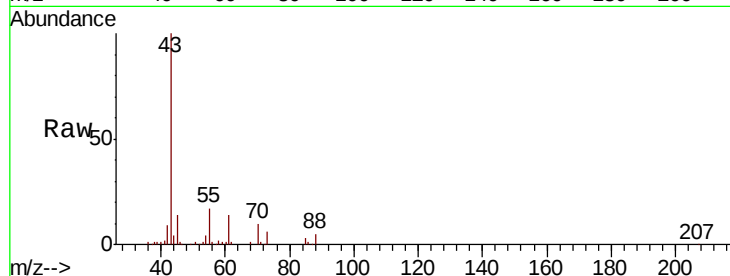




#37
 Ethyl Acetate
 Concen: 53.920 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

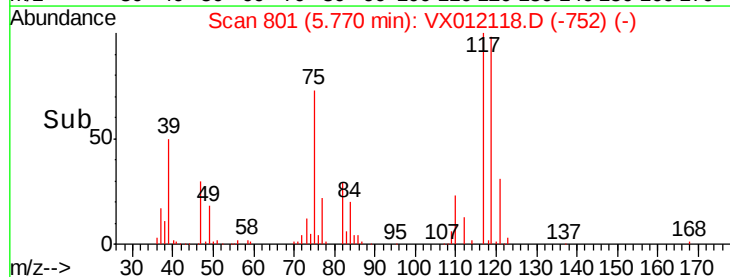
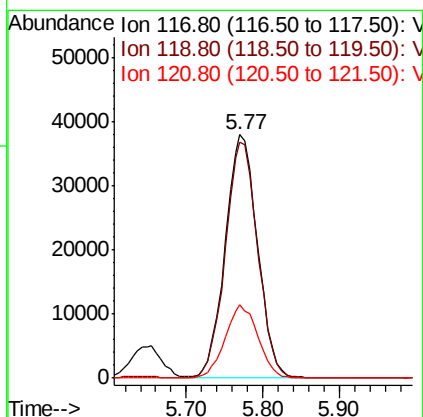
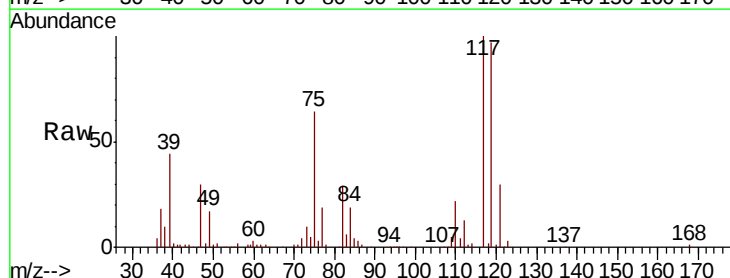
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

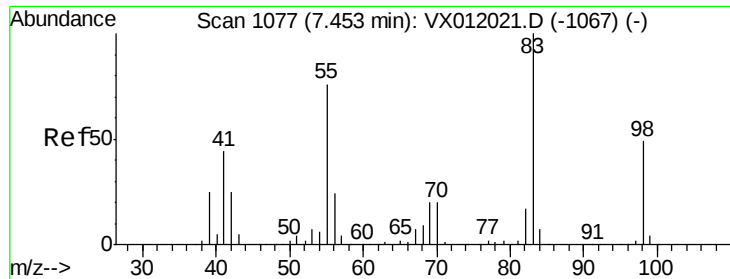
Tgt Ion: 43 Resp: 58876
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.9 16.3
 70 11.6 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 52.483 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 117 Resp: 111048
 Ion Ratio Lower Upper
 117 100
 119 96.9 78.3 117.5
 121 30.3 24.2 36.2

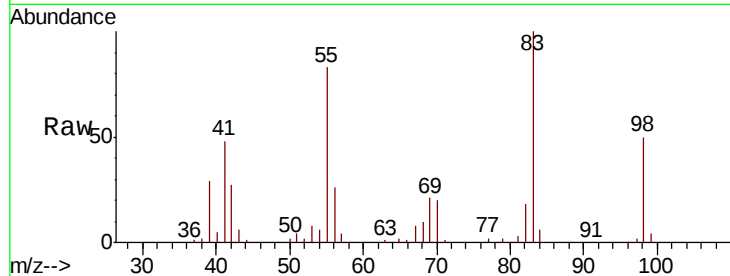




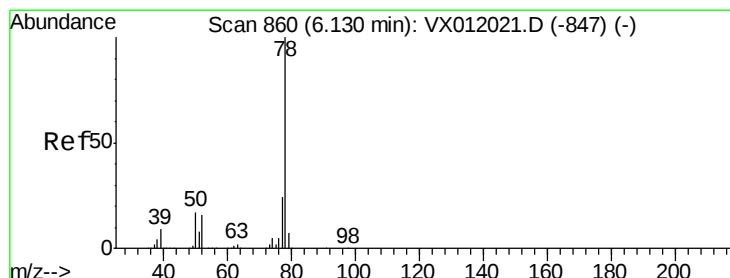
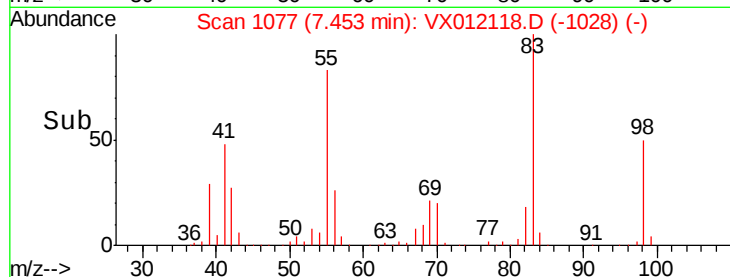
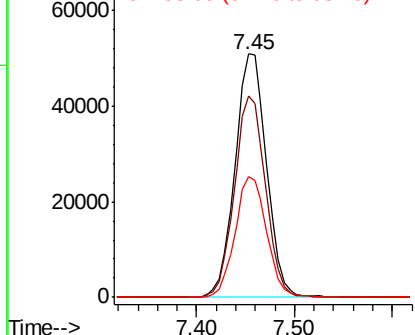
#39
Methylcyclohexane
Concen: 48.831 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 113800
Ion Ratio Lower Upper
83 100
55 82.4 59.6 89.4
98 49.8 41.4 62.0

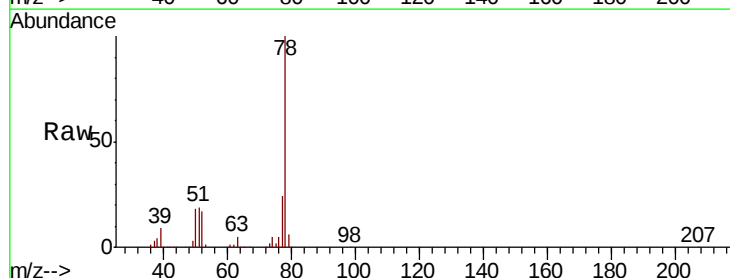


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

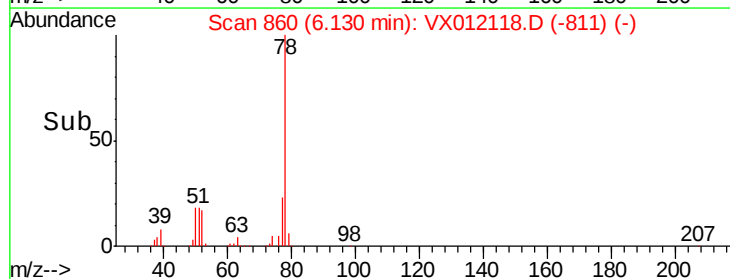
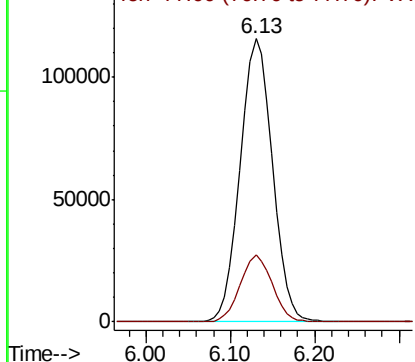


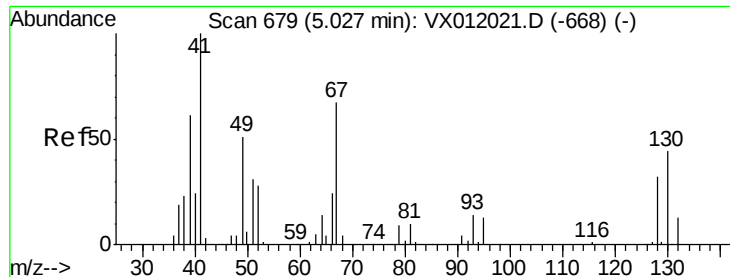
#40
Benzene
Concen: 52.101 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion: 78 Resp: 300340
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.581 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 33588

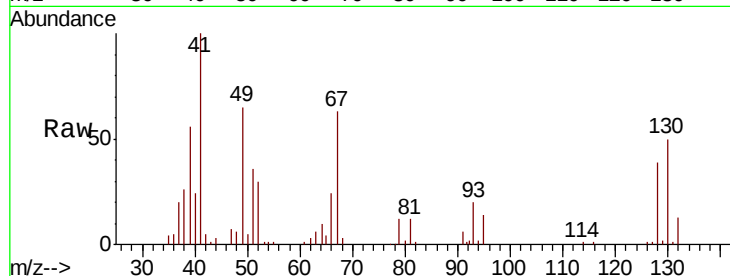
Ion Ratio Lower Upper

41 100

39 60.4 46.7 70.1

67 69.7 57.0 85.6

52 31.4 23.5 35.3

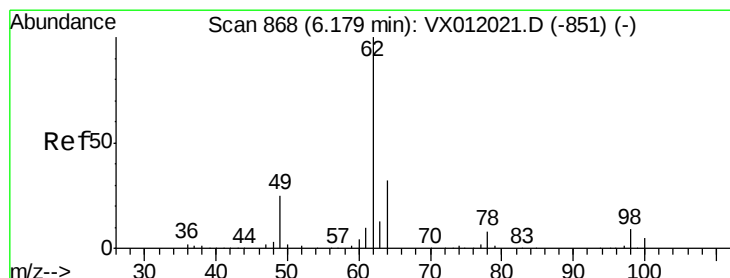
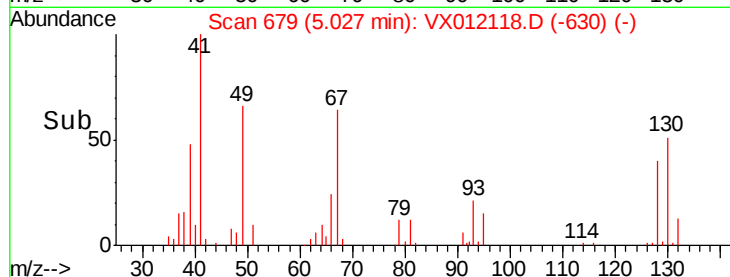
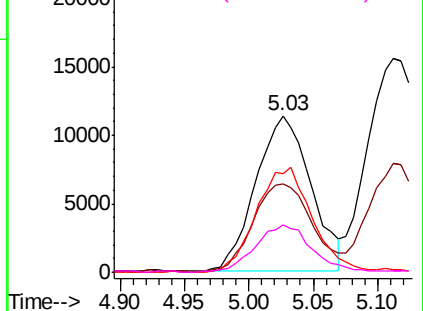


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.491 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012118.D

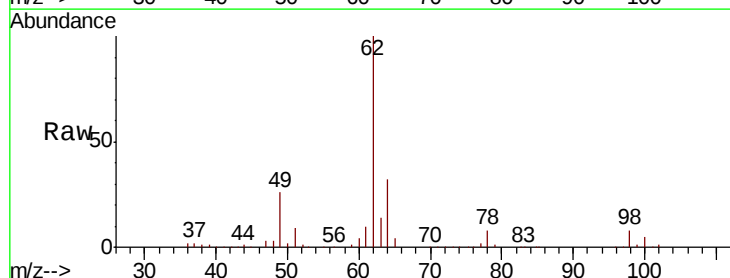
Acq: 05 Sep 2019 23:39

Tgt Ion: 62 Resp: 113038

Ion Ratio Lower Upper

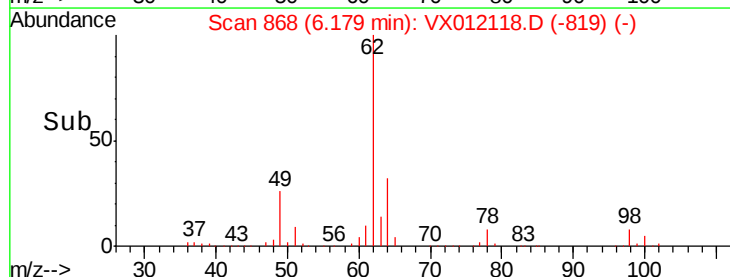
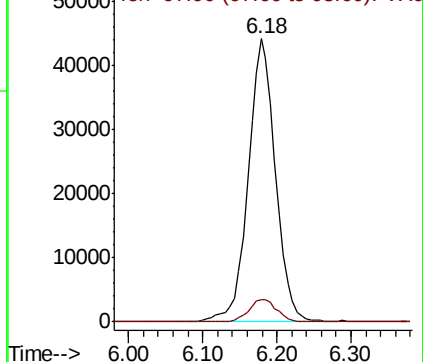
62 100

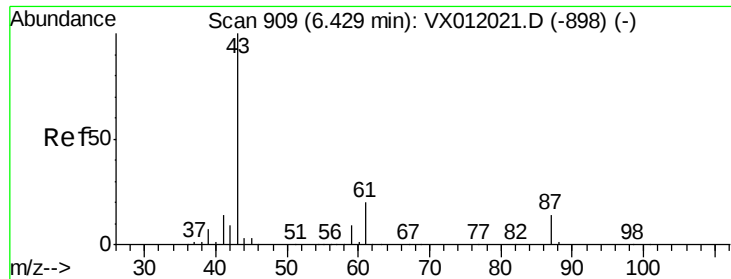
98 8.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.349 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

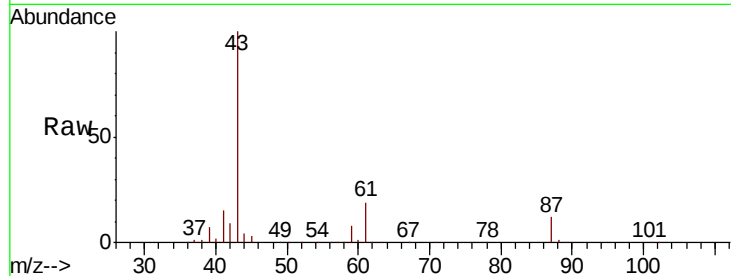
Tgt Ion: 43 Resp: 118448

Ion Ratio Lower Upper

43 100

61 19.4 16.1 24.1

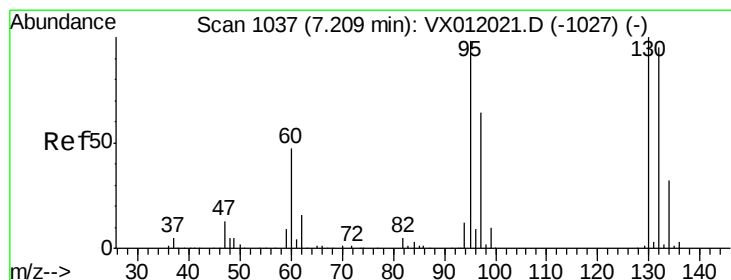
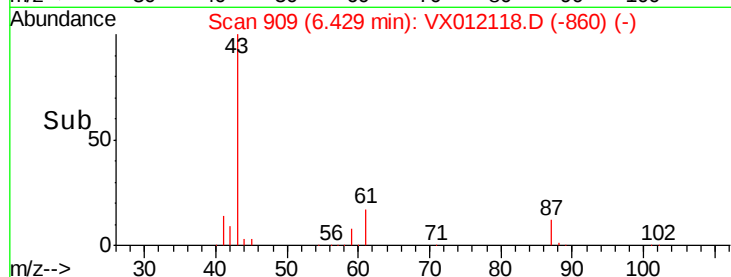
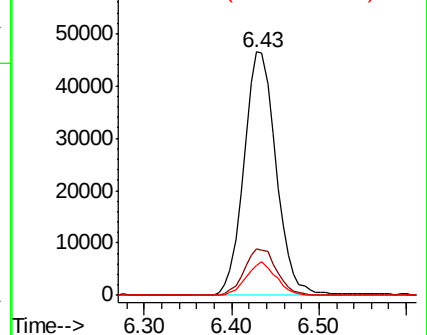
87 12.9 11.3 16.9



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: 51.533 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012118.D

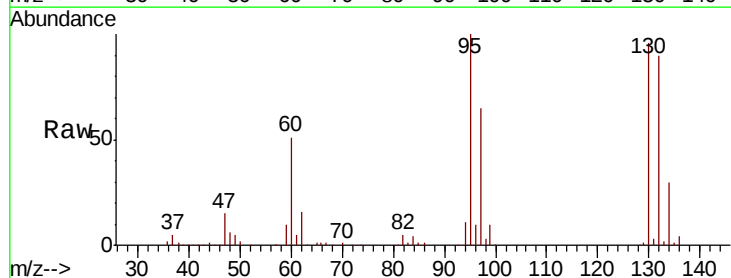
Acq: 05 Sep 2019 23:39

Tgt Ion: 130 Resp: 80124

Ion Ratio Lower Upper

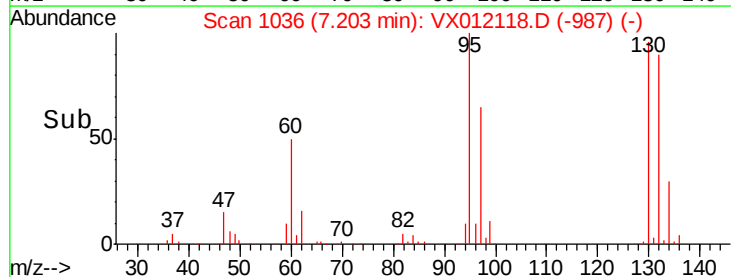
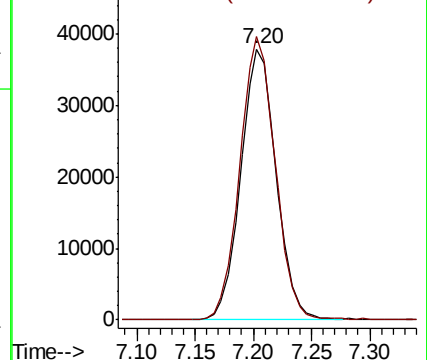
130 100

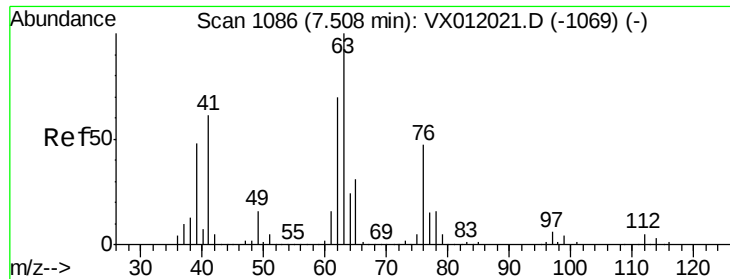
95 104.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

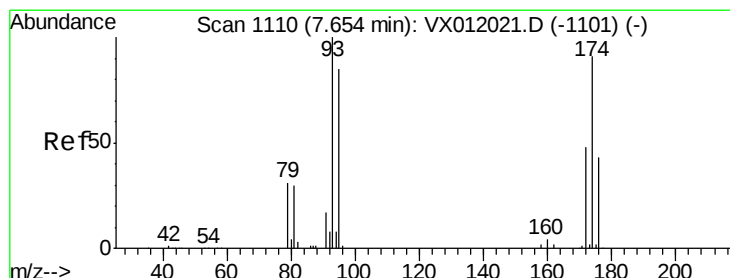
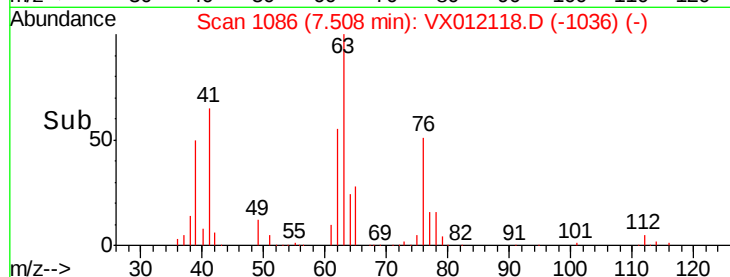
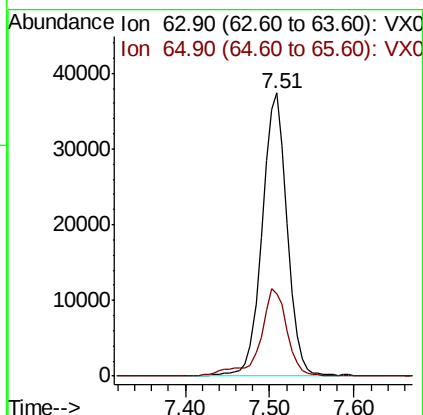
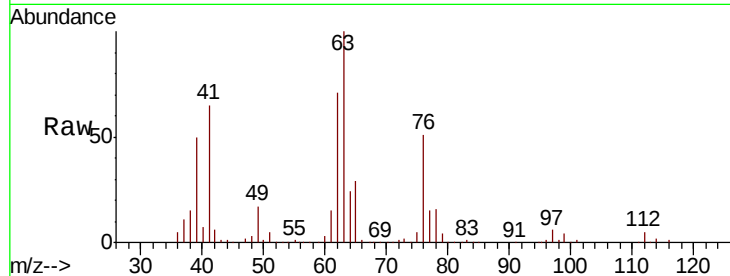




#45
 1,2-Dichloropropane
 Concen: 51.342 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

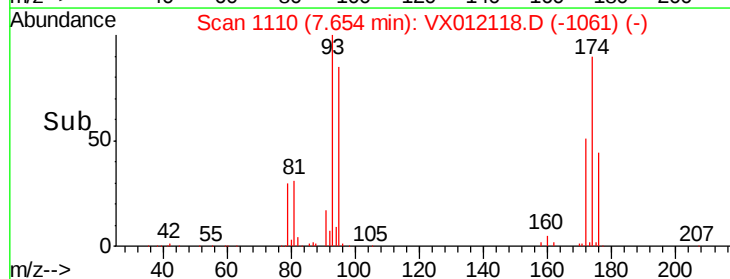
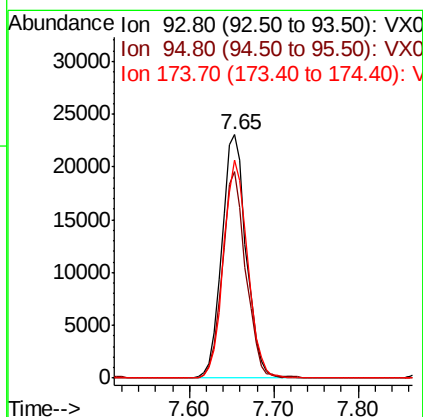
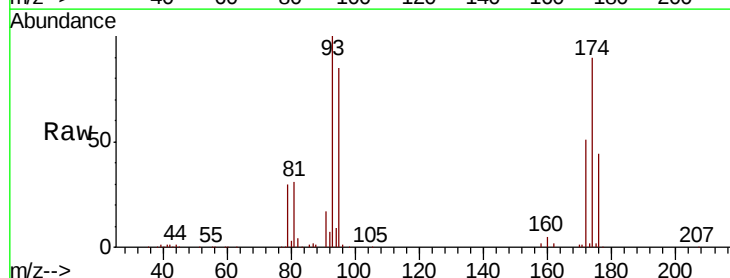
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

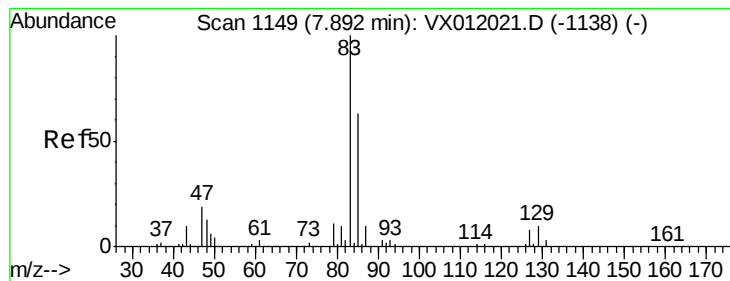
Tgt Ion: 63 Resp: 76466
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.6



#46
 Dibromomethane
 Concen: 52.398 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 93 Resp: 45556
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.2
 174 88.2 110.2 165.4#





#47

Bromodichloromethane

Concen: 51.481 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

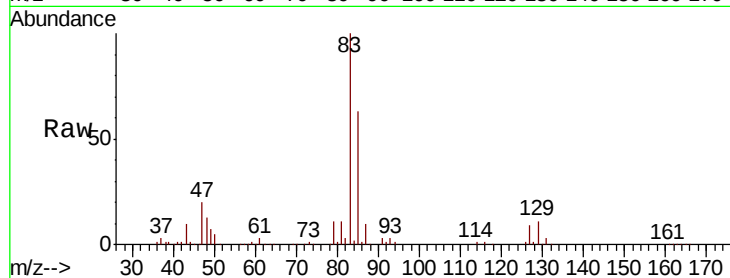
Tgt Ion: 83 Resp: 113771

Ion Ratio Lower Upper

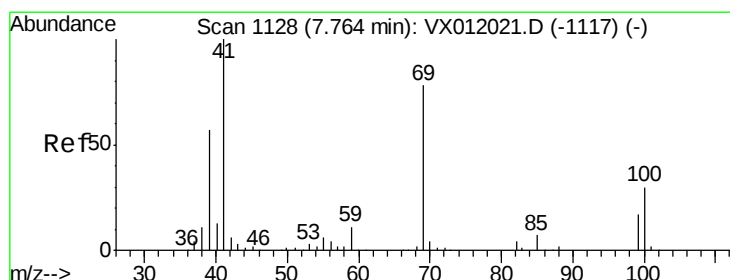
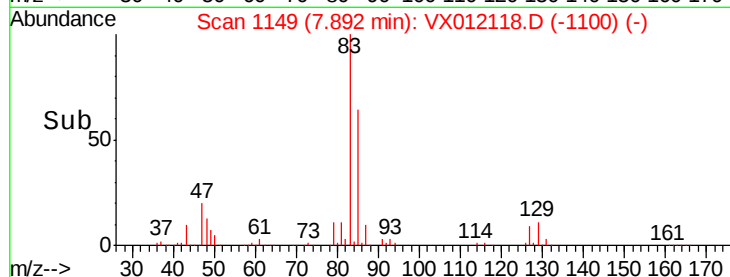
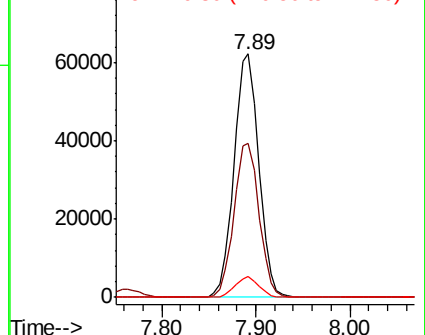
83 100

85 63.4 50.3 75.5

127 8.5 8.1 12.1



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: 53.181 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

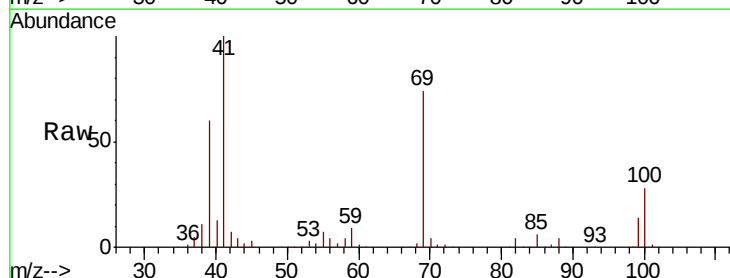
Tgt Ion: 41 Resp: 59369

Ion Ratio Lower Upper

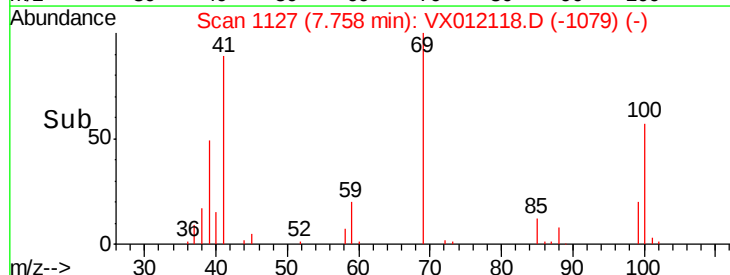
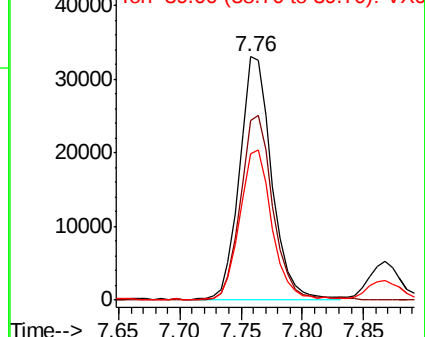
41 100

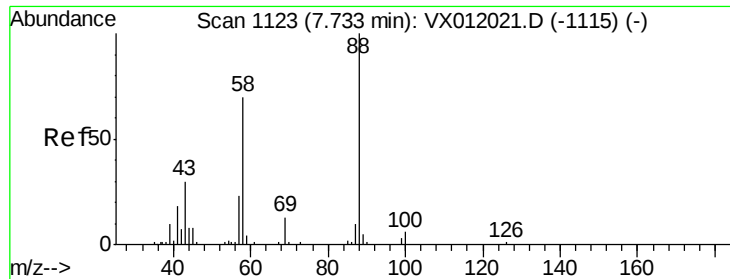
69 77.9 66.3 99.5

39 62.2 48.1 72.1



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

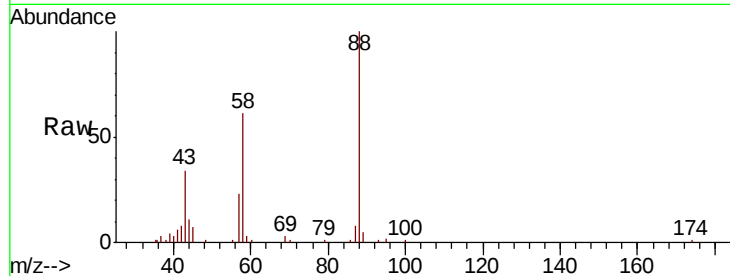




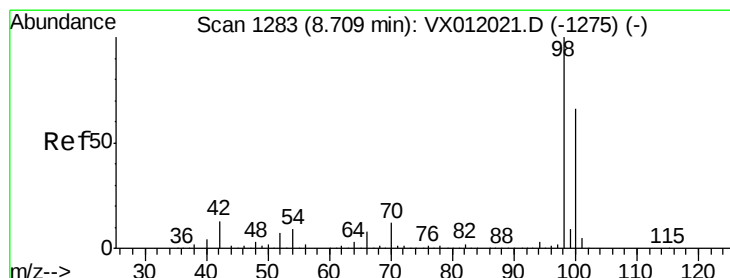
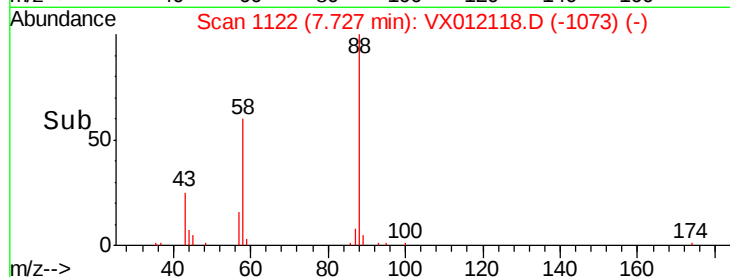
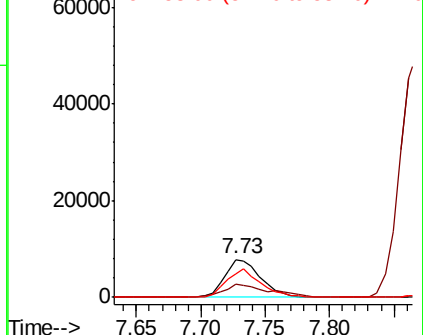
#49
1,4-Dioxane
Concen: 1004.644 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 15289
Ion Ratio Lower Upper
88 100
43 39.5 29.8 44.6
58 73.4 55.4 83.2

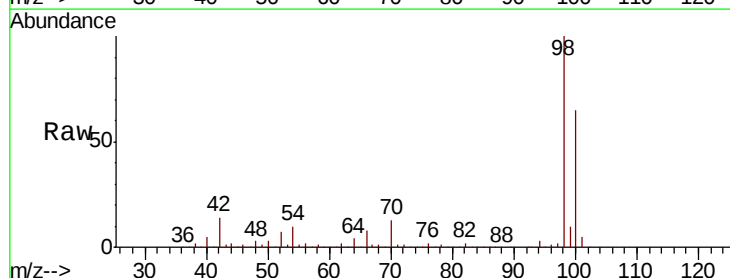


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

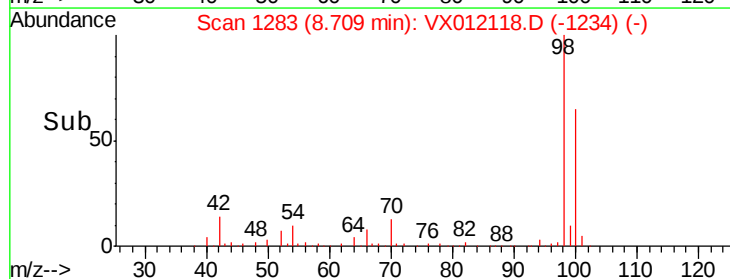
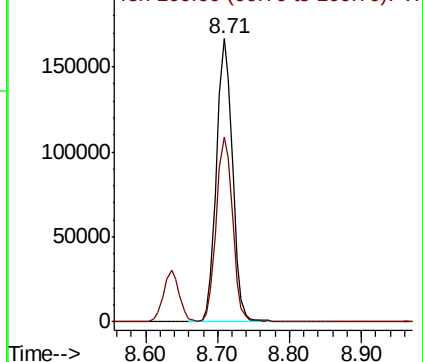


#50
Toluene-d8
Concen: 50.044 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion: 98 Resp: 257470
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

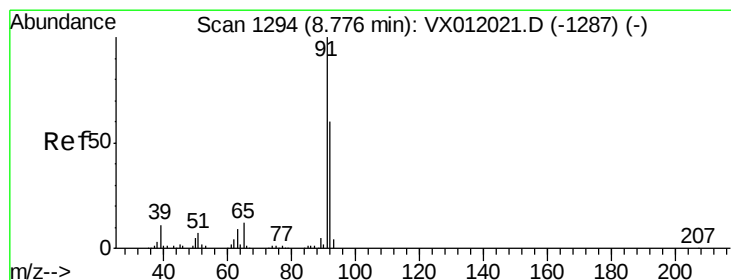
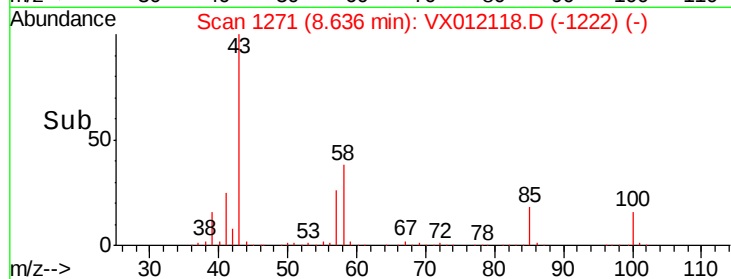
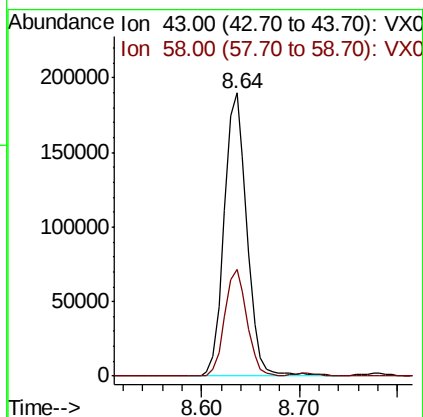
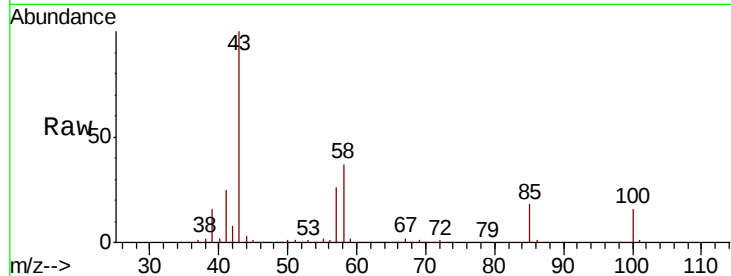




#51
 4-Methyl-2-Pentanone
 Concen: 270.316 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

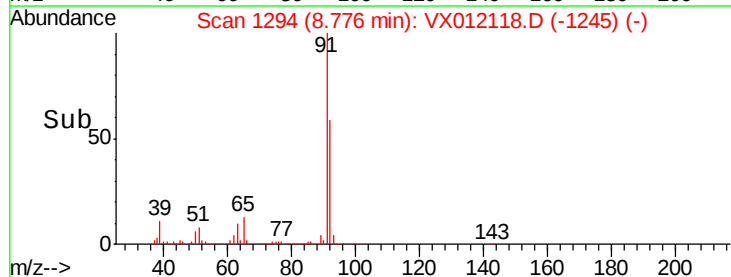
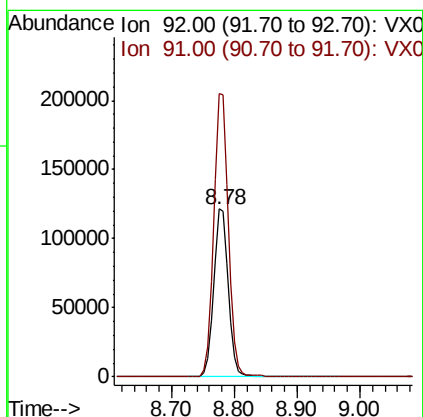
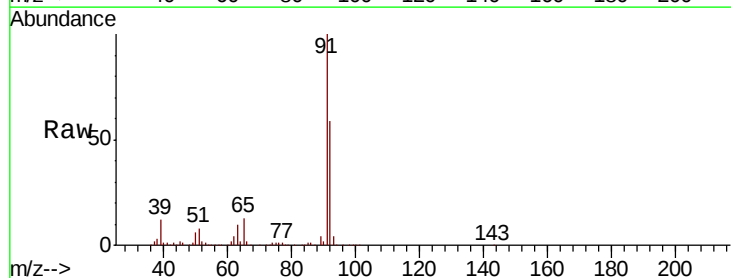
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

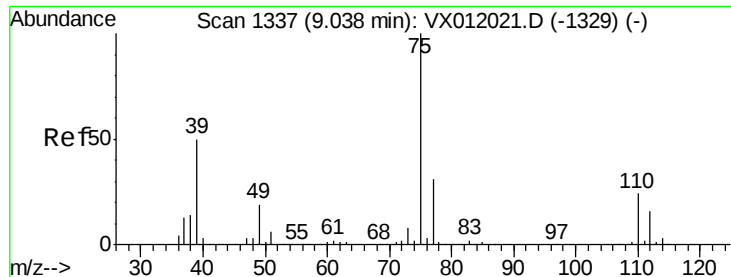
Tgt Ion: 43 Resp: 305268
 Ion Ratio Lower Upper
 43 100
 58 36.9 31.5 47.3



#52
 Toluene
 Concen: 52.108 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 92 Resp: 195442
 Ion Ratio Lower Upper
 92 100
 91 169.1 136.0 204.0

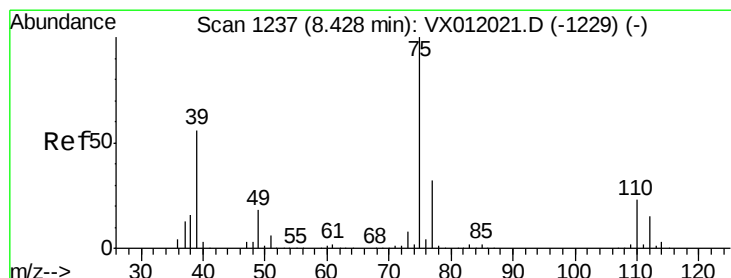
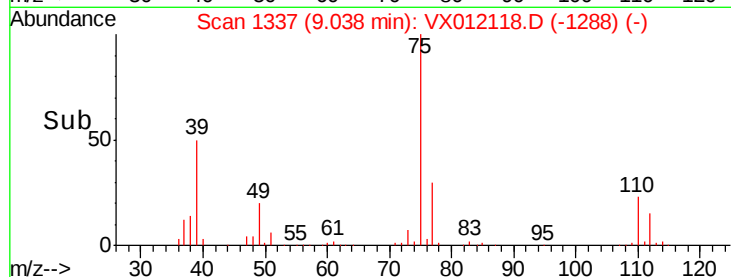
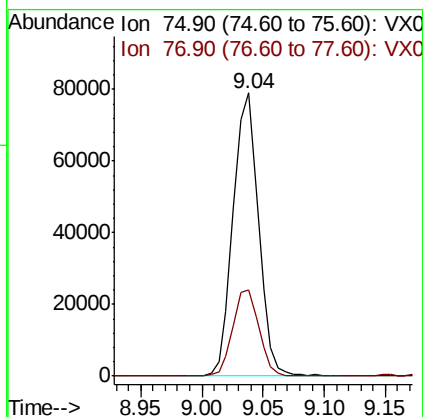
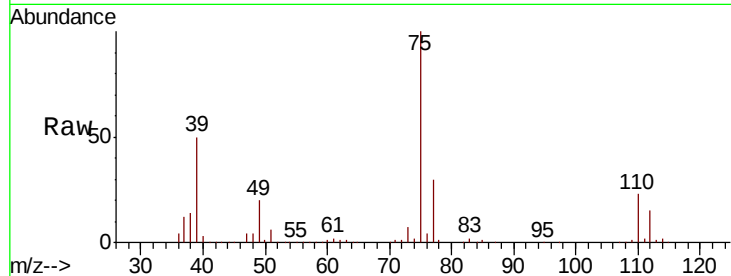




#53
 t-1,3-Dichloropropene
 Concen: 49.508 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

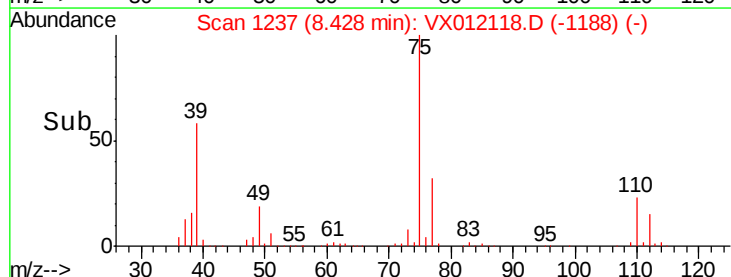
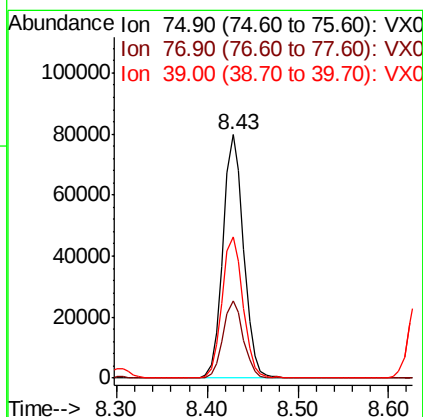
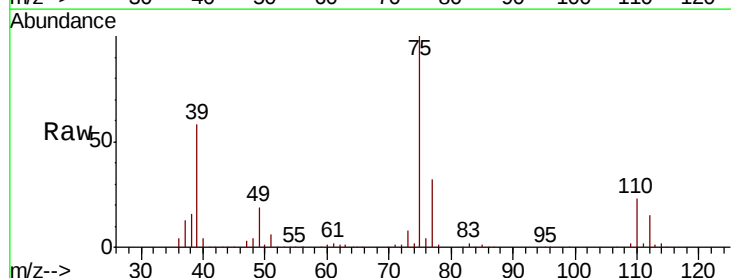
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

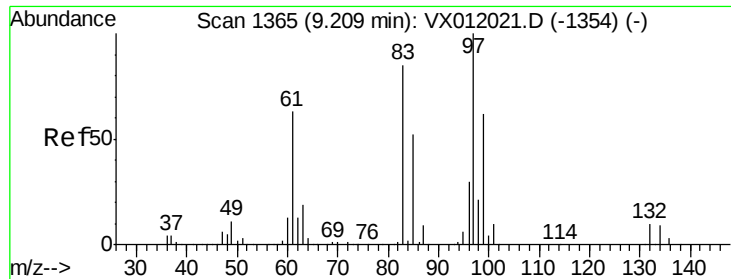
Tgt Ion: 75 Resp: 113273
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.673 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 75 Resp: 126382
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 57.8 43.0 64.4

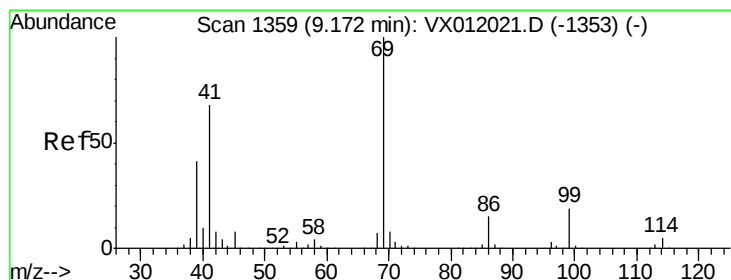
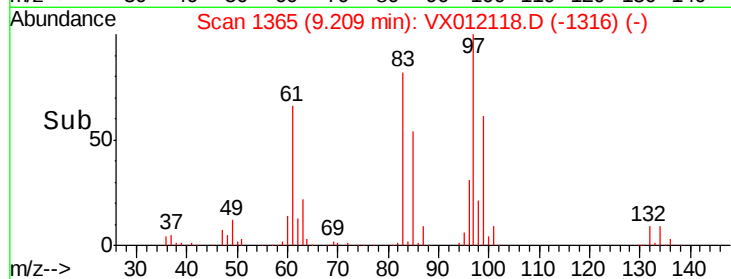
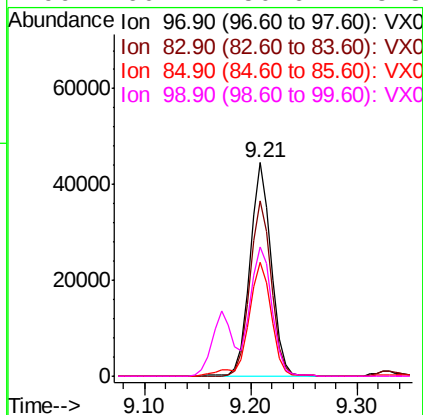
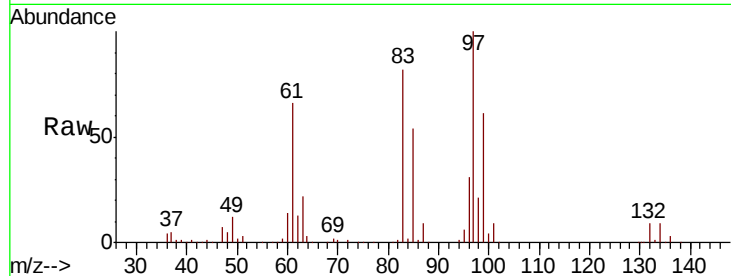




#55
 1,1,2-Trichloroethane
 Concen: 50.306 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

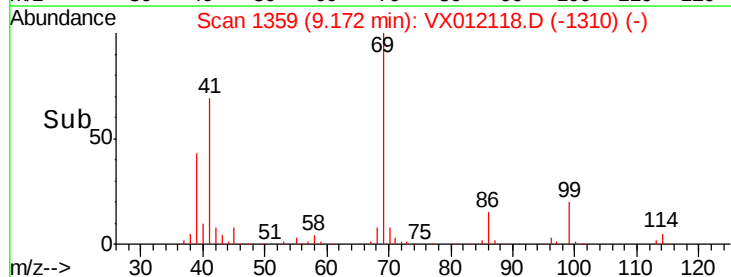
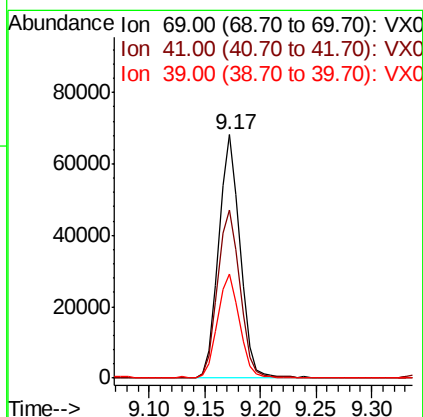
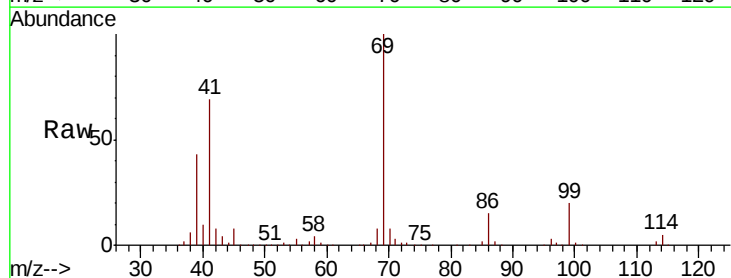
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

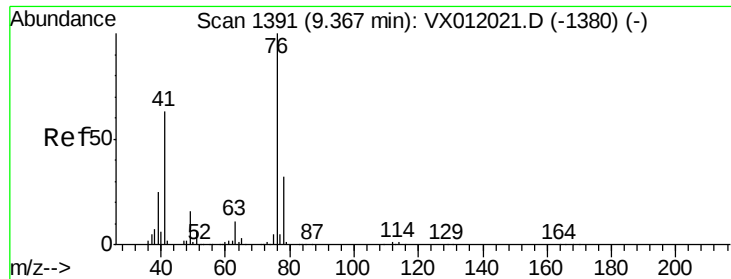
Tgt Ion:	97	Resp:	62530
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.0	99.0
85	53.5	41.0	61.6
99	60.7	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 51.249 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion:	69	Resp:	91245
Ion	Ratio	Lower	Upper
69	100		
41	71.8	53.9	80.9
39	43.3	31.1	46.7

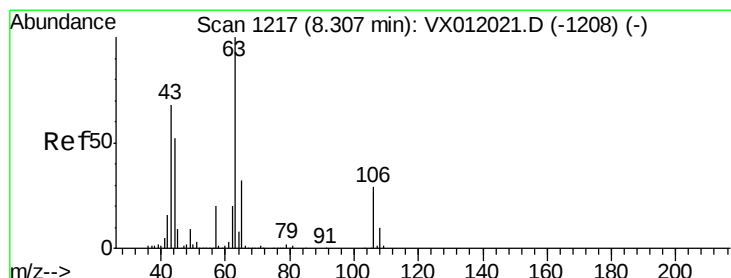
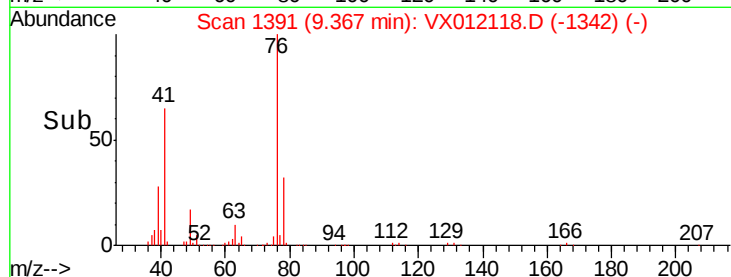
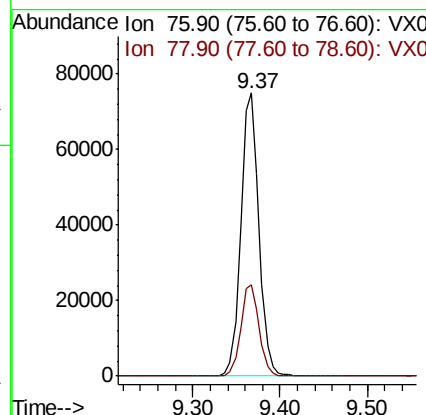
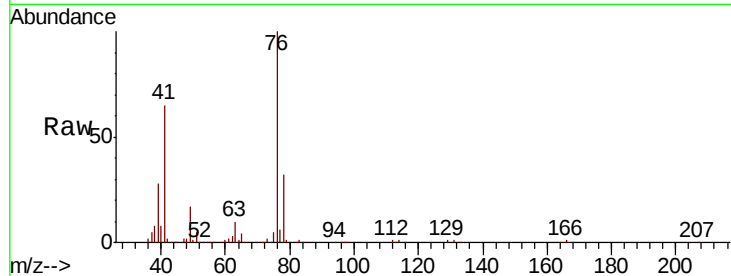




#57
 1,3-Dichloropropane
 Concen: 50.507 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

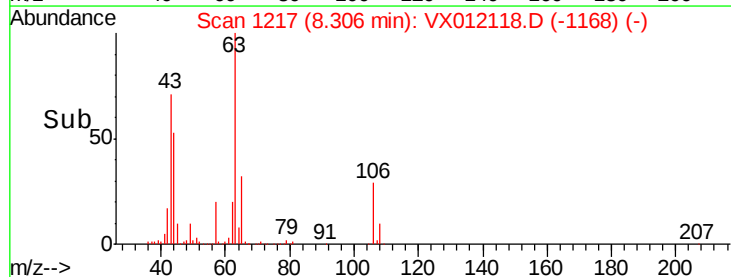
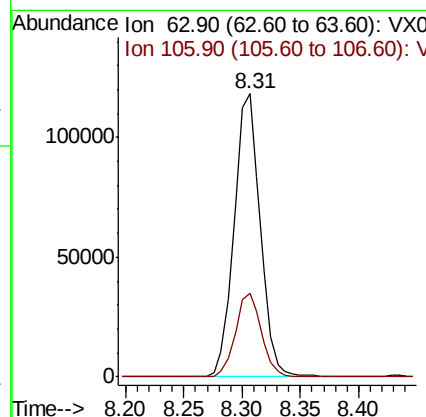
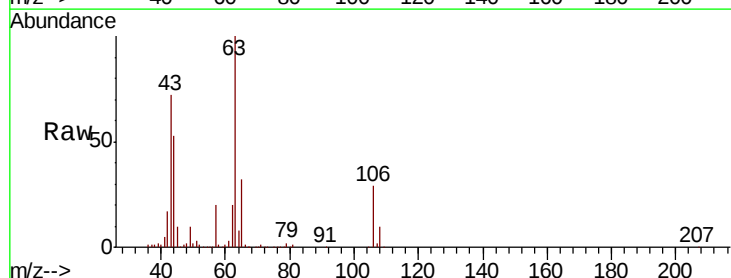
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

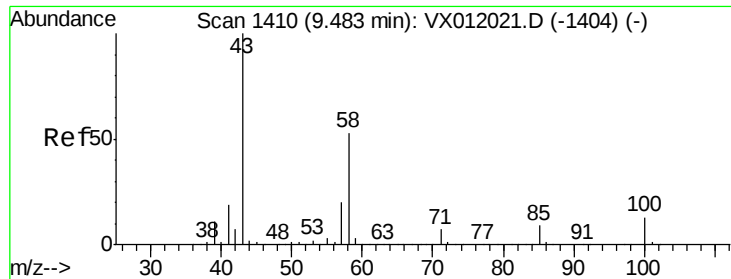
Tgt Ion: 76 Resp: 108333
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.051 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 63 Resp: 183855
 Ion Ratio Lower Upper
 63 100
 106 29.5 26.5 39.7

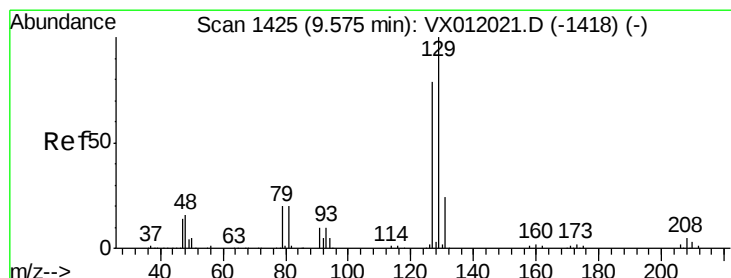
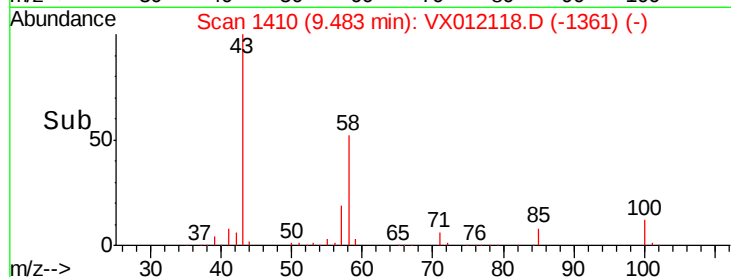
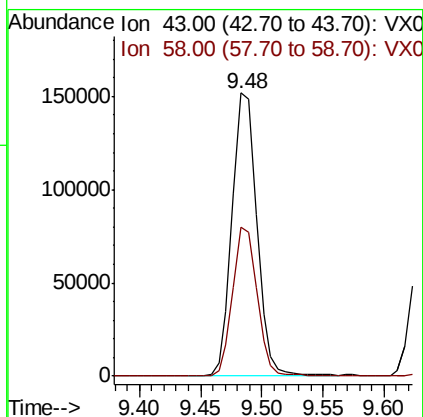
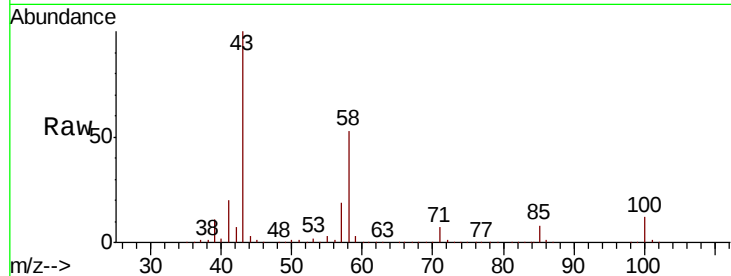




#59
2-Hexanone
Concen: 257.606 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

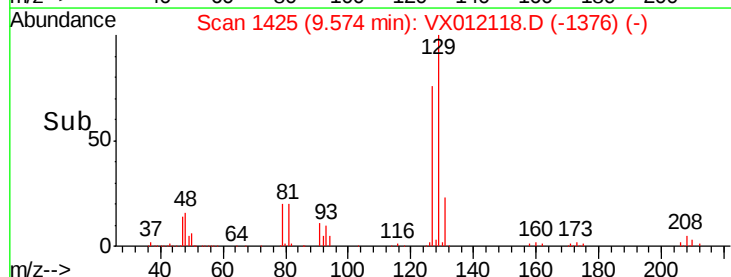
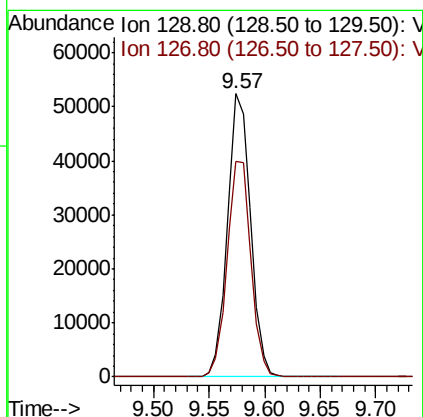
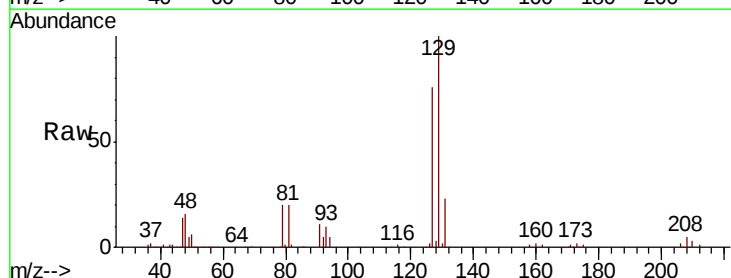
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

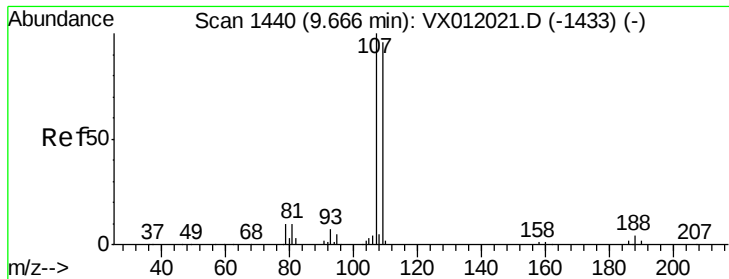
Tgt Ion: 43 Resp: 212273
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.6



#60
Dibromochloromethane
Concen: 50.731 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion: 129 Resp: 75153
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5

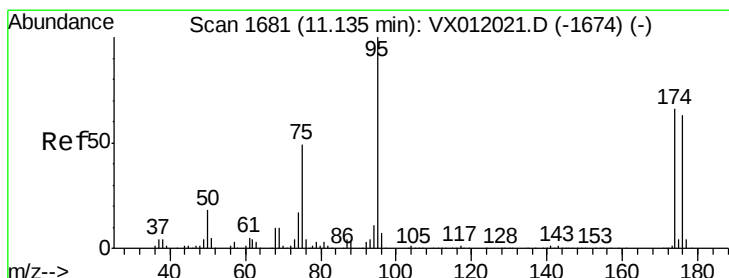
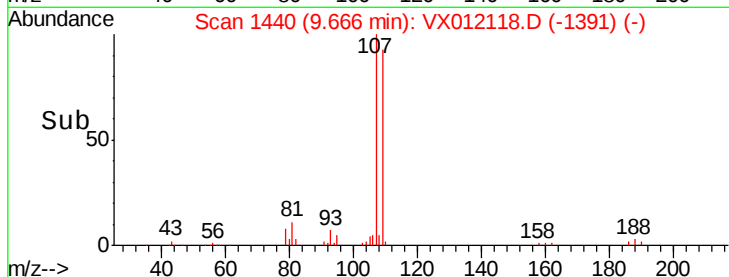
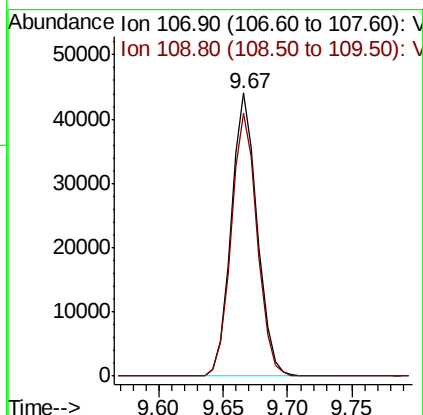
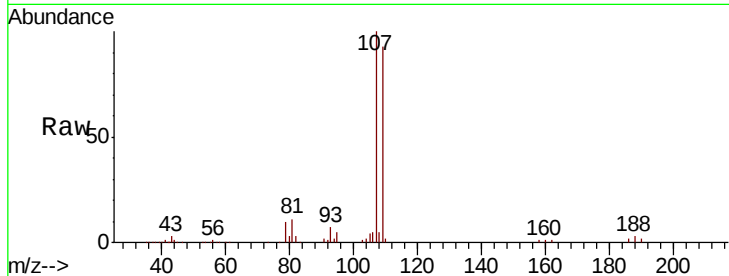




#61
 1,2-Dibromoethane
 Concen: 51.706 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

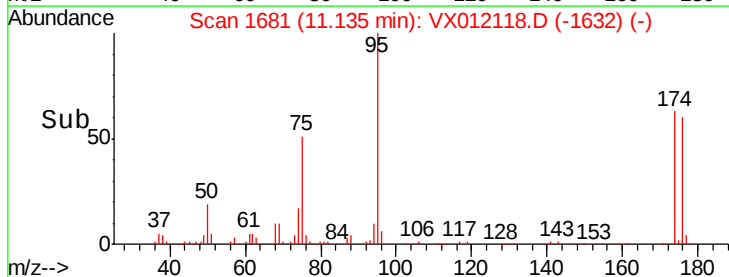
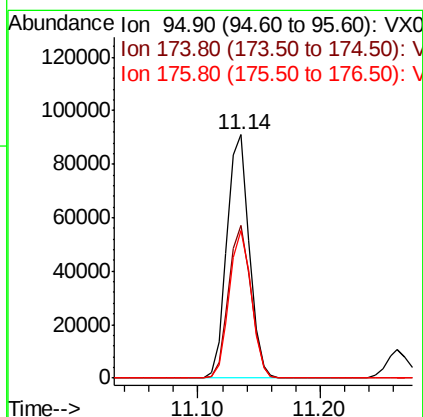
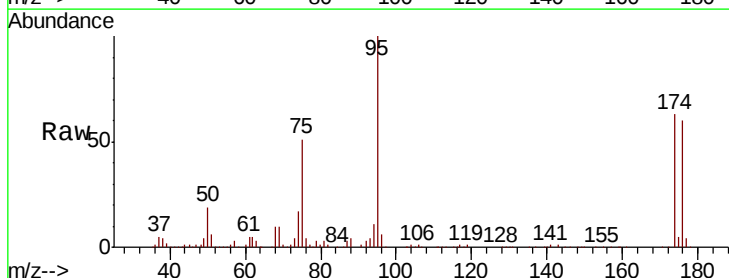
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

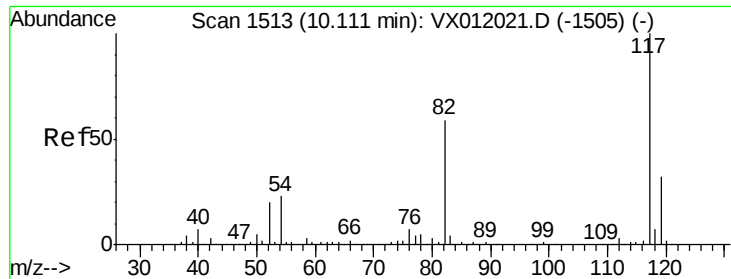
Tgt Ion: 107 Resp: 62103
 Ion Ratio Lower Upper
 107 100
 109 93.1 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 47.935 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 95 Resp: 114693
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 205.4
 176 60.3 0.0 201.8

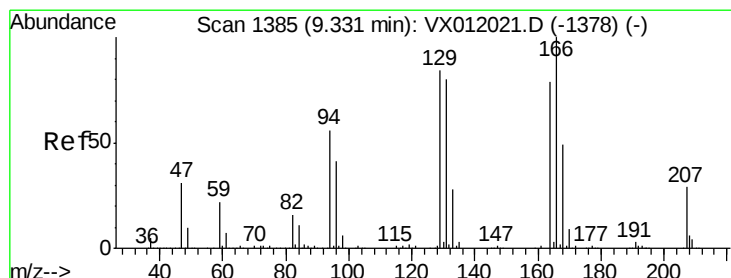
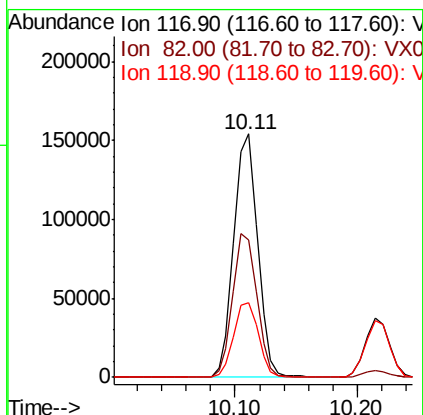
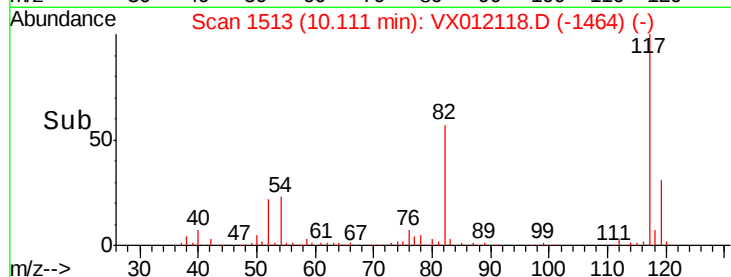
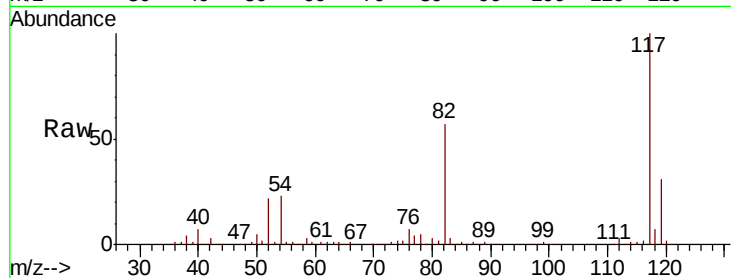




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

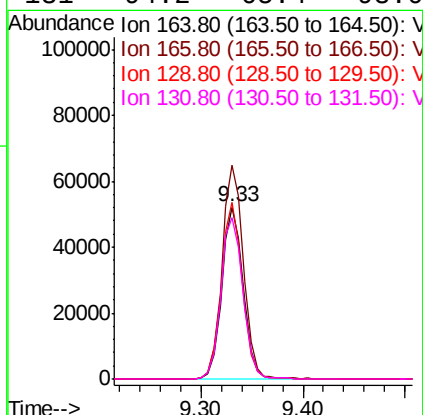
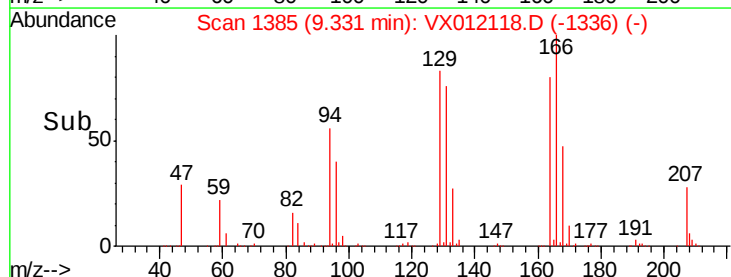
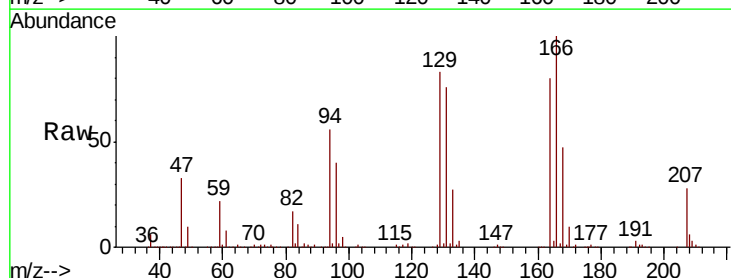
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

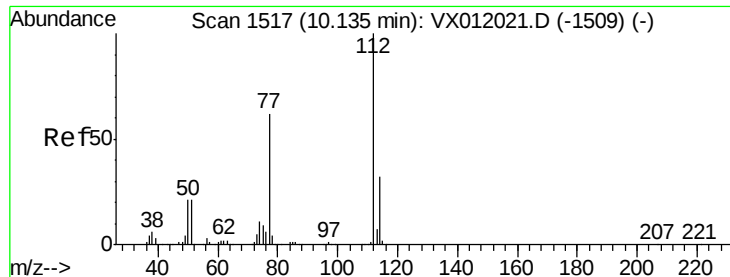
Tgt Ion:117 Resp: 208217
Ion Ratio Lower Upper
117 100
82 56.5 39.4 59.0
119 30.6 26.1 39.1



#64
Tetrachloroethene
Concen: 58.047 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion:164 Resp: 75351
Ion Ratio Lower Upper
164 100
166 124.3 104.3 156.5
129 102.9 68.3 102.5#
131 94.2 65.4 98.0





#65

Chlorobenzene

Concen: 51.597 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

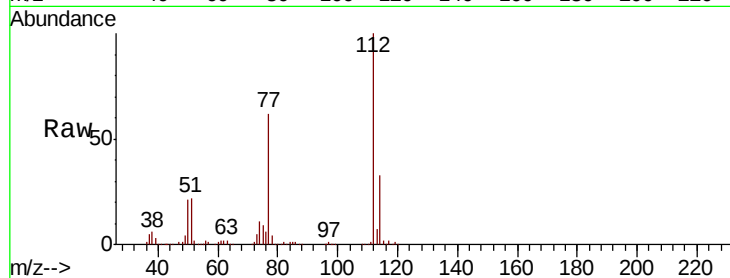
VSTDCCC050

Tgt Ion:112 Resp: 211976

Ion Ratio Lower Upper

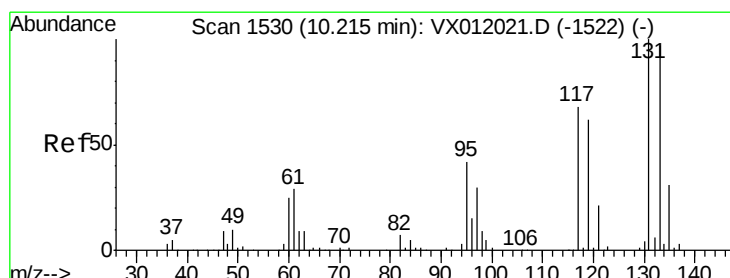
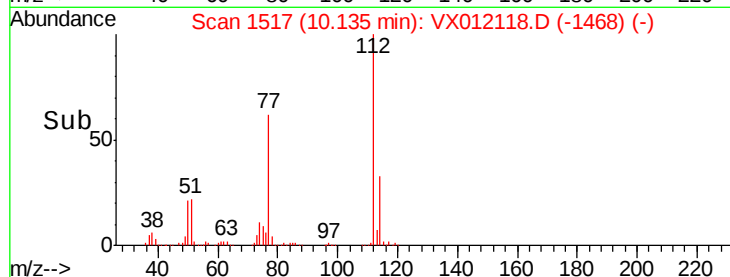
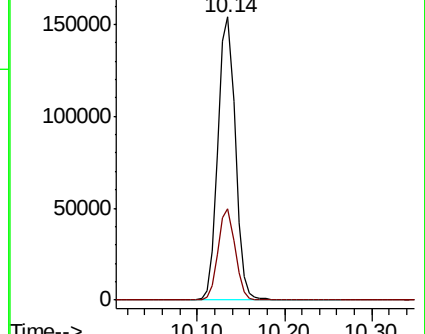
112 100

114 32.5 26.2 39.2



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: 52.729 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

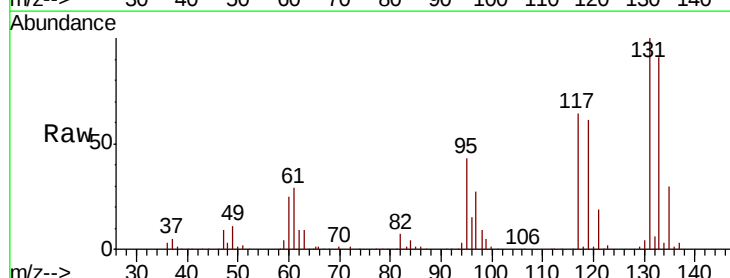
Tgt Ion:131 Resp: 79209

Ion Ratio Lower Upper

131 100

133 93.2 48.4 145.0

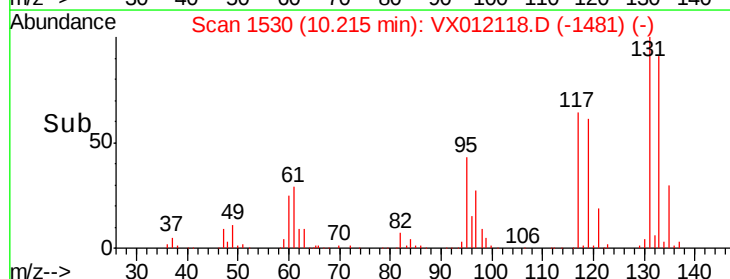
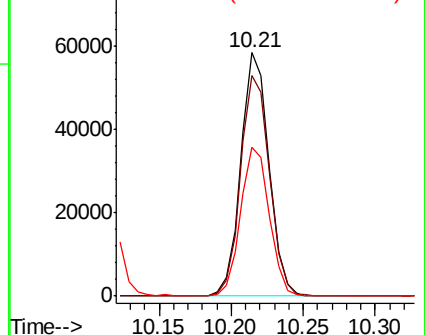
119 62.6 30.5 91.5

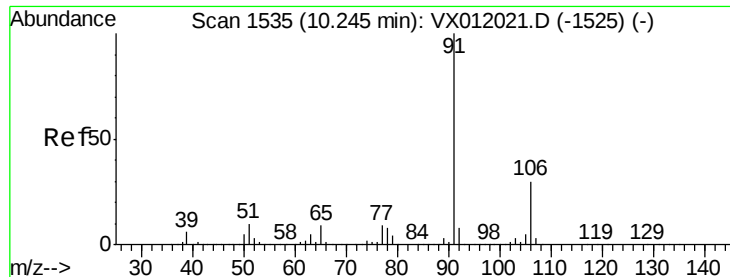


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

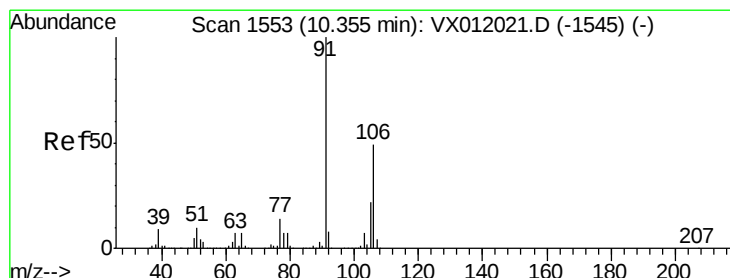
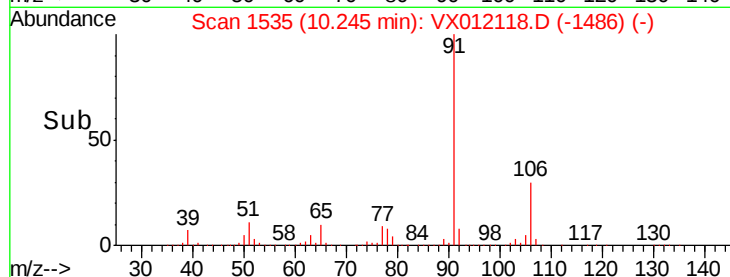
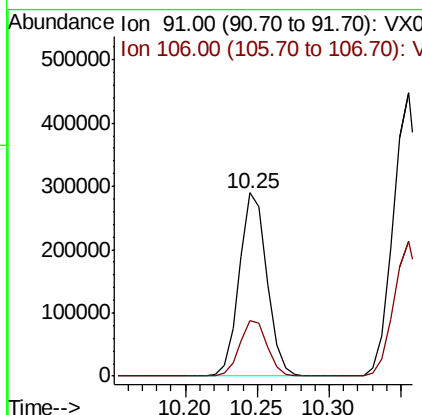
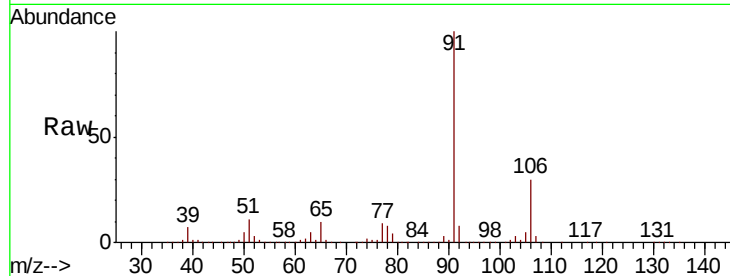




#67
 Ethyl Benzene
 Concen: 51.508 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

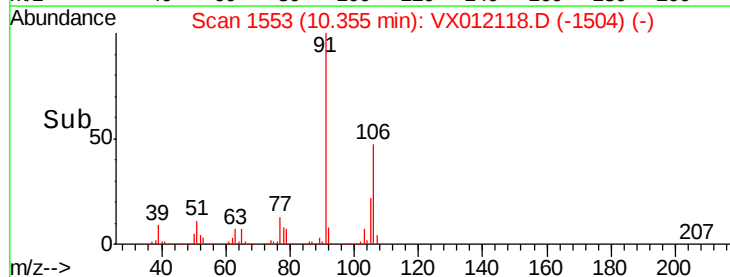
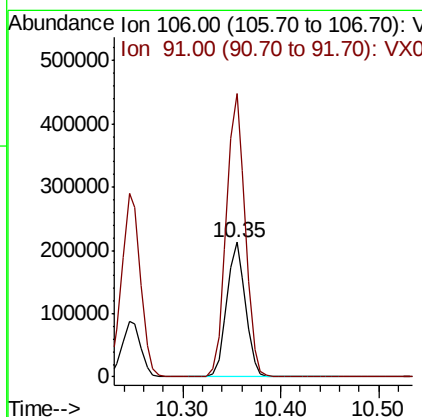
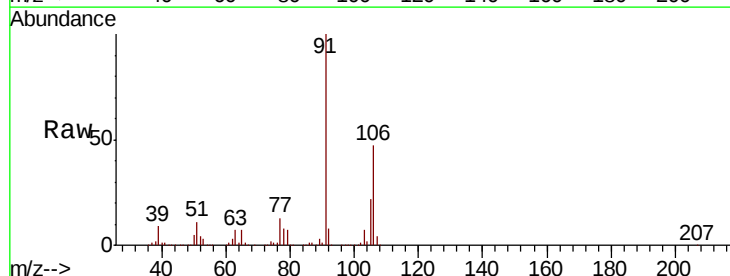
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

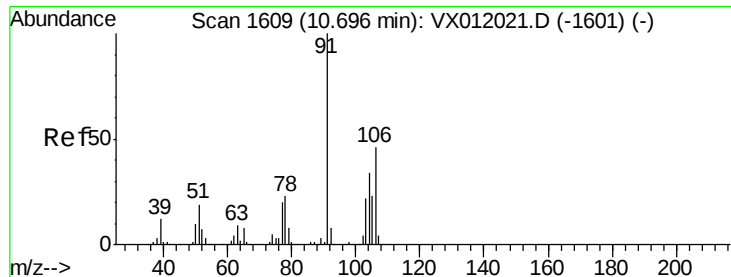
Tgt Ion: 91 Resp: 385717
 Ion Ratio Lower Upper
 91 100
 106 30.1 25.8 38.8



#68
 m/p-Xylenes
 Concen: 102.346 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 106 Resp: 282381
 Ion Ratio Lower Upper
 106 100
 91 212.3 157.5 236.3

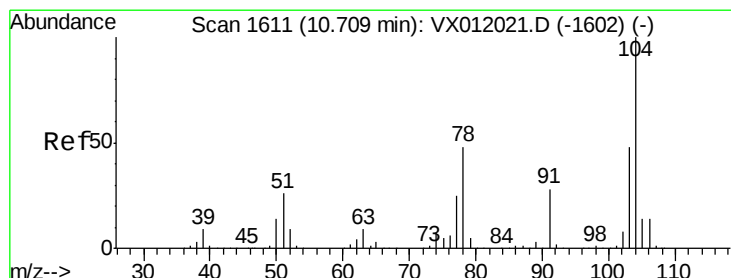
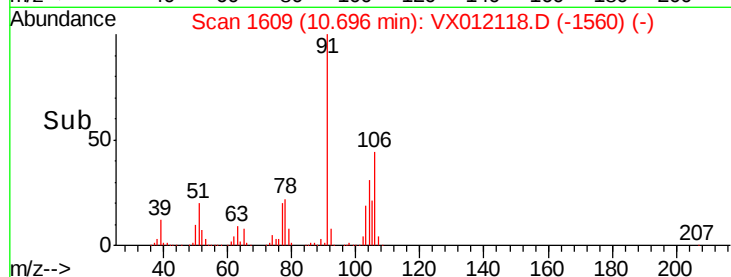
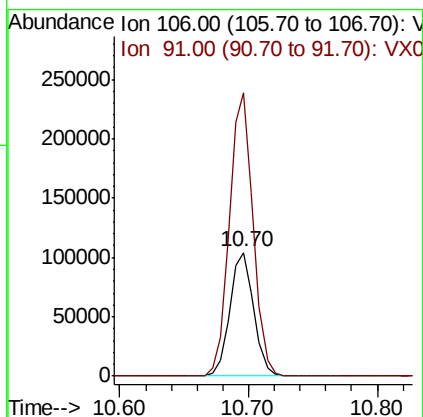
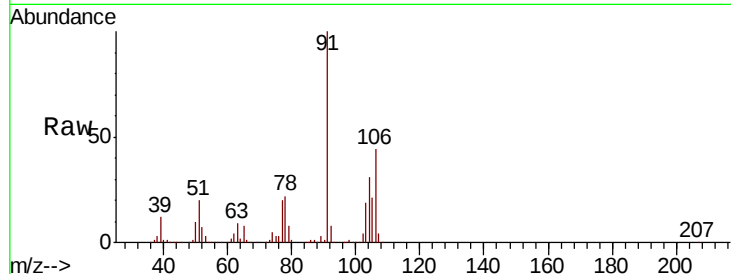




#69
o-Xylene
Concen: 50.397 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

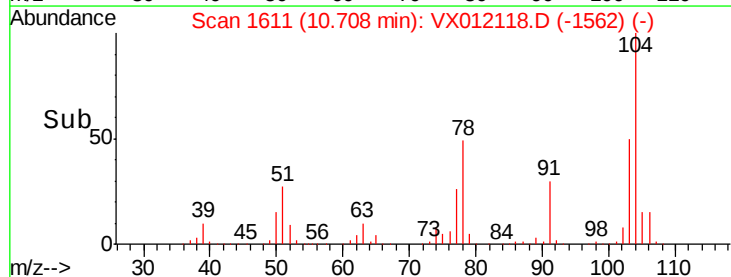
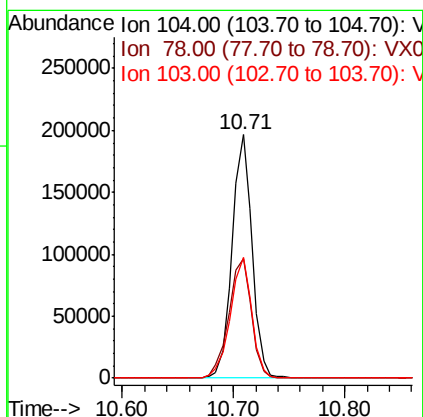
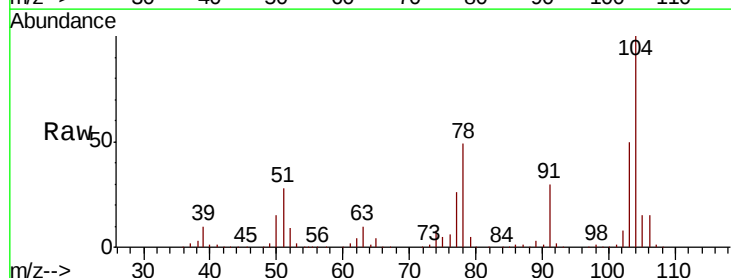
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

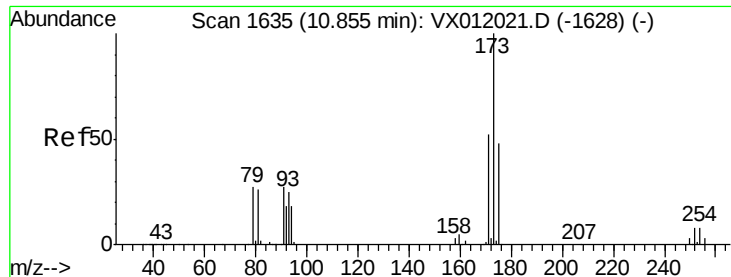
Tgt Ion:106 Resp: 134833
Ion Ratio Lower Upper
106 100
91 227.7 103.5 310.3



#70
Styrene
Concen: 52.303 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion:104 Resp: 243053
Ion Ratio Lower Upper
104 100
78 56.0 39.1 58.7
103 53.4 43.4 65.2





#71

Bromoform

Concen: 51.440 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

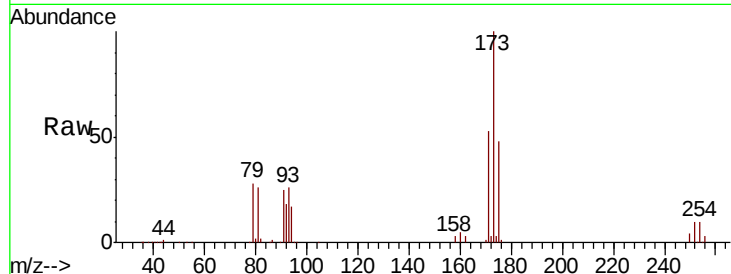
Tgt Ion:173 Resp: 42442

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

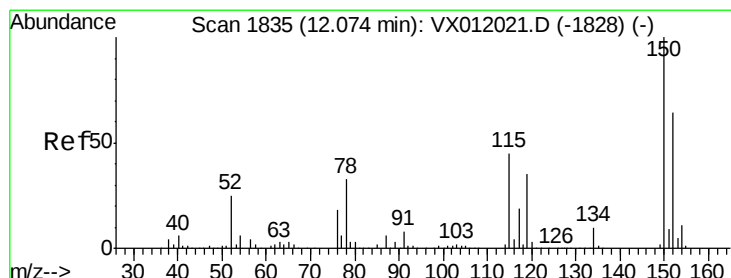
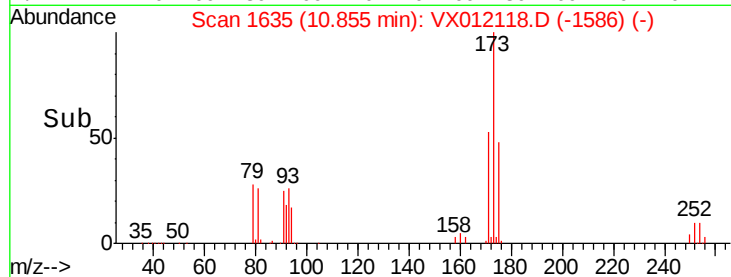
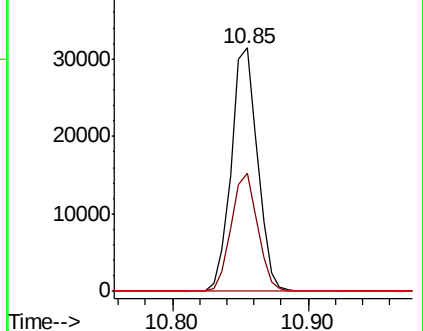
254 0.2 0.1 0.1#



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: VX012118.D

Acq: 05 Sep 2019 23:39

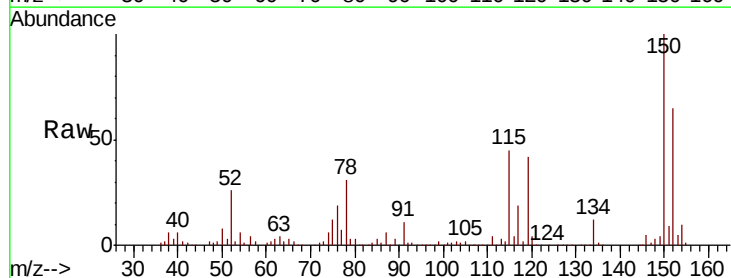
Tgt Ion:152 Resp: 102912

Ion Ratio Lower Upper

152 100

115 91.7 36.4 109.3

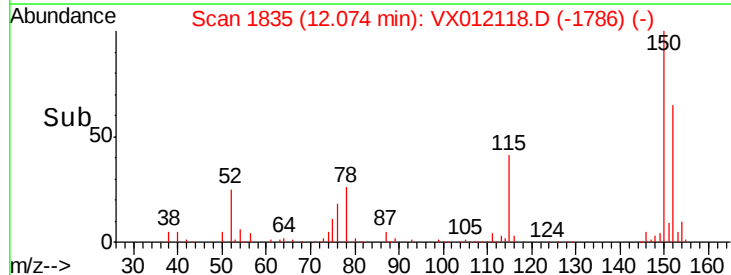
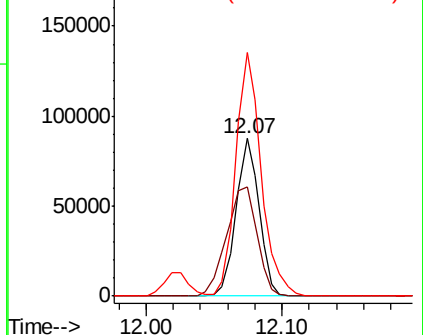
150 171.4 0.0 341.2



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: 49.452 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

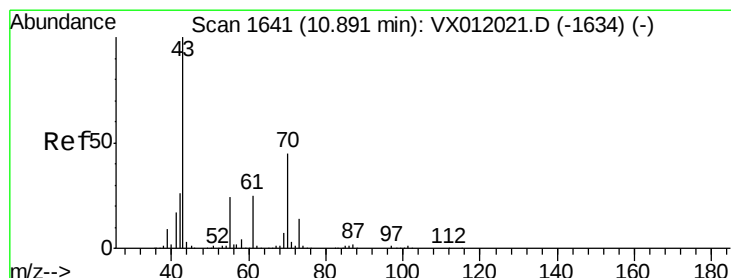
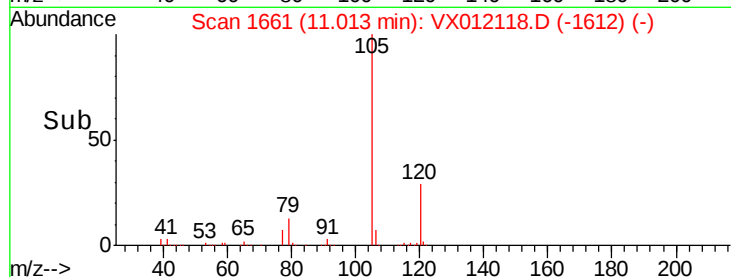
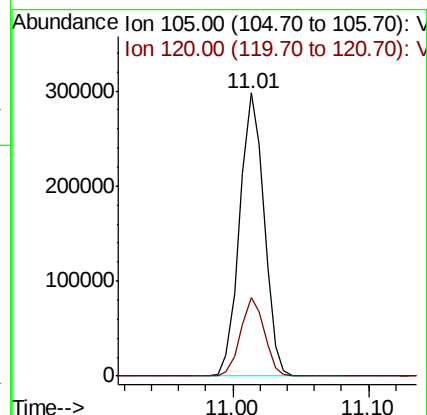
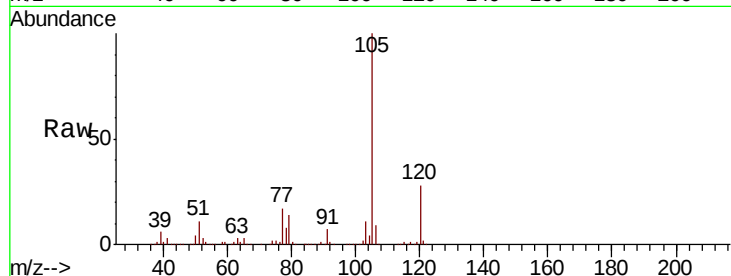
VSTDCCC050

Tgt Ion: 105 Resp: 373403

Ion Ratio Lower Upper

105 100

120 26.9 13.9 41.6



#74

N-ethyl acetate

Concen: 50.726 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Tgt Ion: 43 Resp: 113248

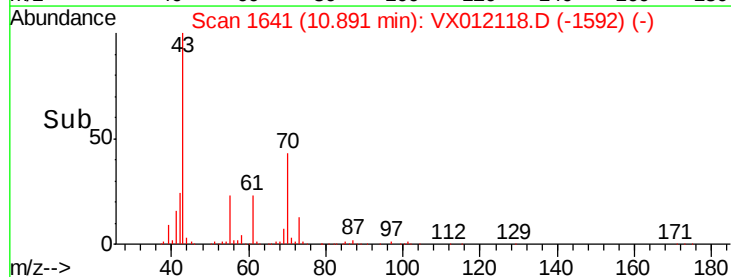
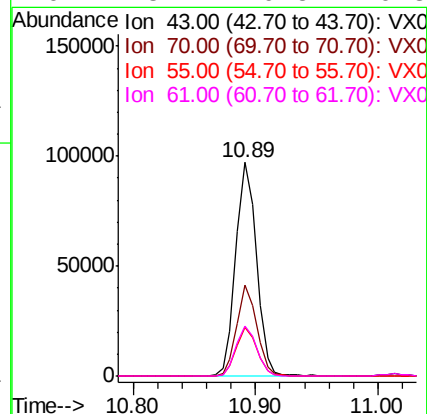
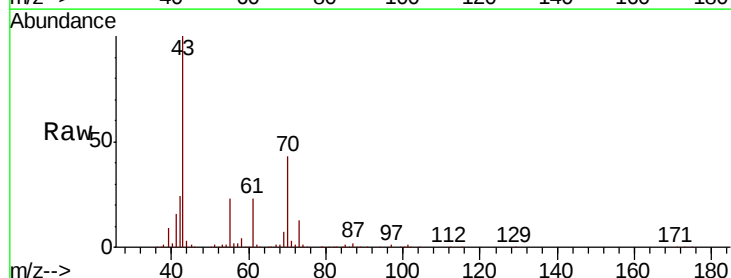
Ion Ratio Lower Upper

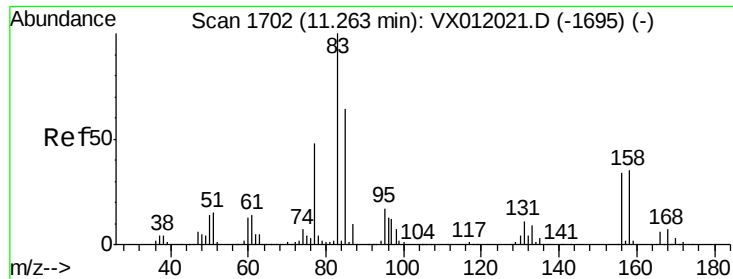
43 100

70 41.5 34.4 51.6

55 23.4 18.5 27.7

61 23.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.431 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

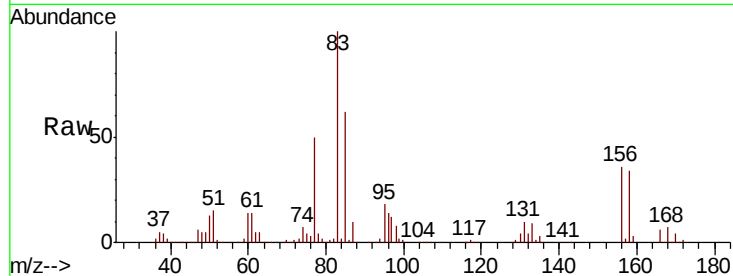
Tgt Ion: 83 Resp: 76238

Ion Ratio Lower Upper

83 100

131 10.8 6.3 19.1

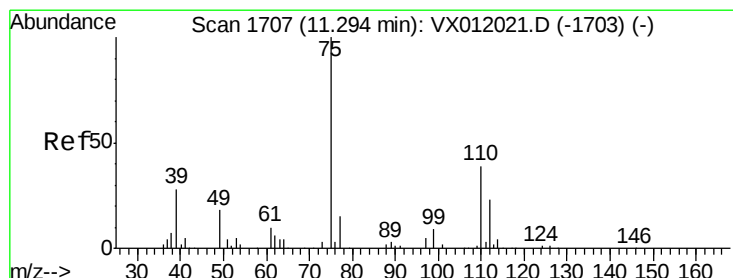
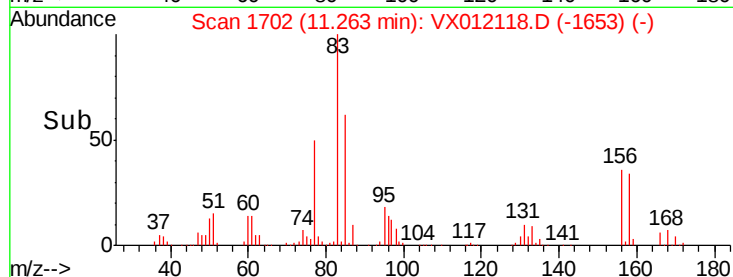
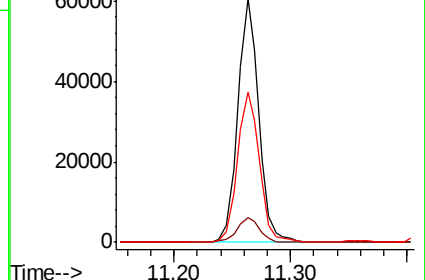
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.114 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012118.D

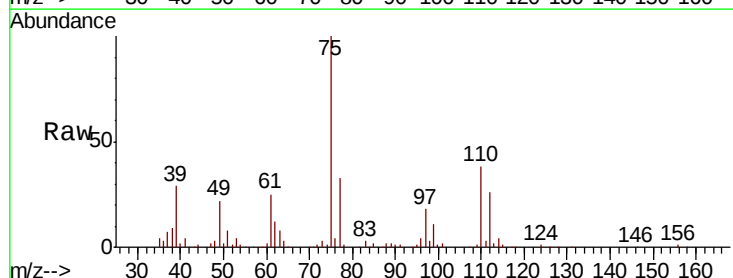
Acq: 05 Sep 2019 23:39

Tgt Ion: 75 Resp: 84391

Ion Ratio Lower Upper

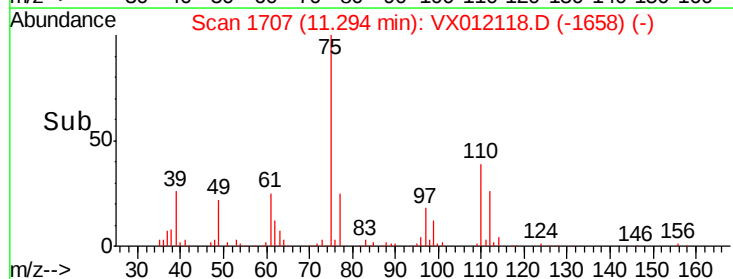
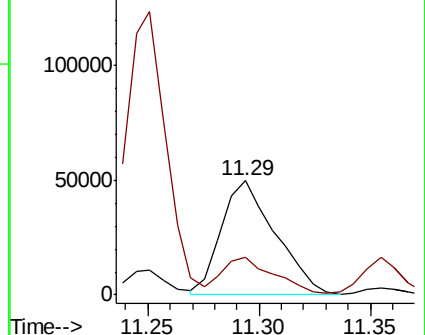
75 100

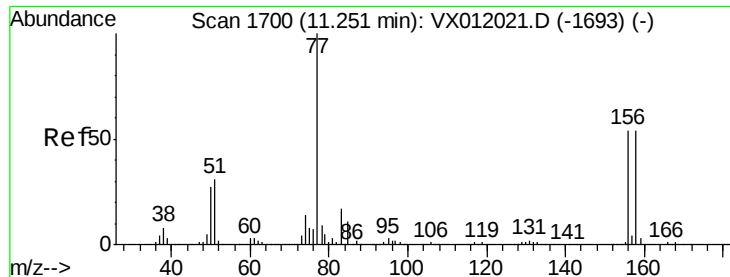
77 31.9 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.092 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

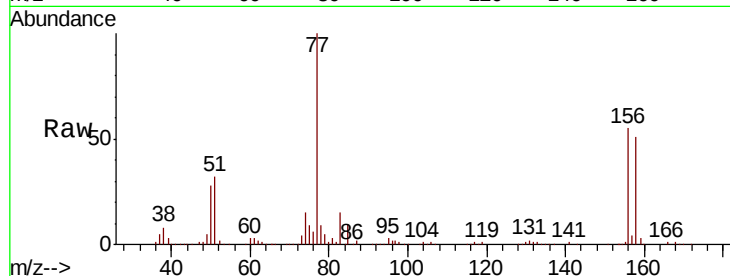
Tgt Ion:156 Resp: 84592

Ion Ratio Lower Upper

156 100

77 187.6 63.4 190.2

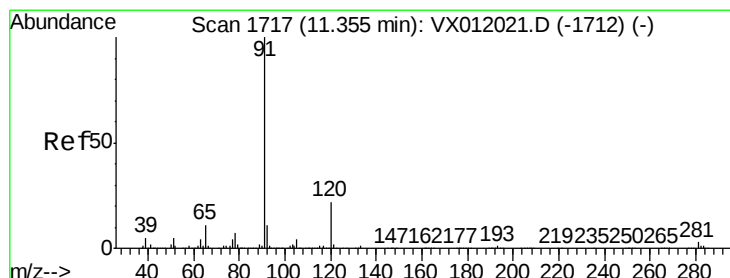
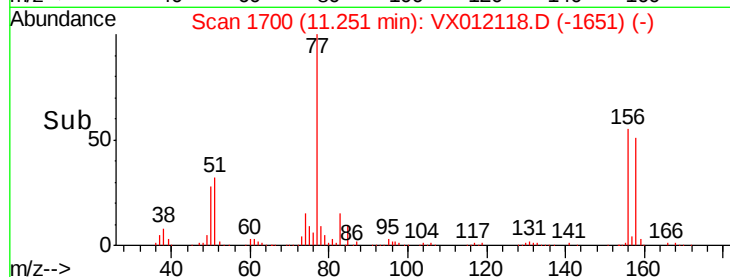
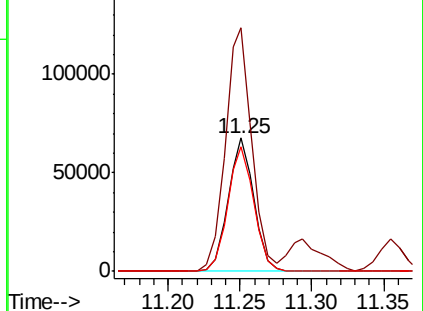
158 94.8 48.9 146.6



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: 49.531 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012118.D

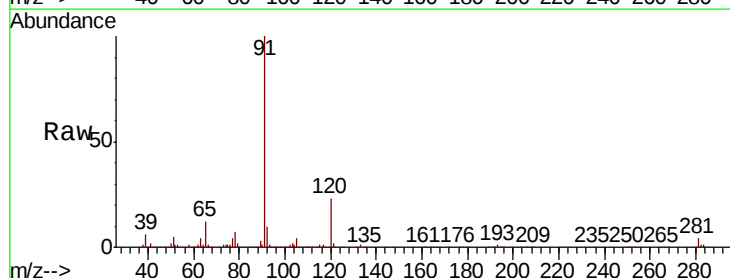
Acq: 05 Sep 2019 23:39

Tgt Ion: 91 Resp: 451837

Ion Ratio Lower Upper

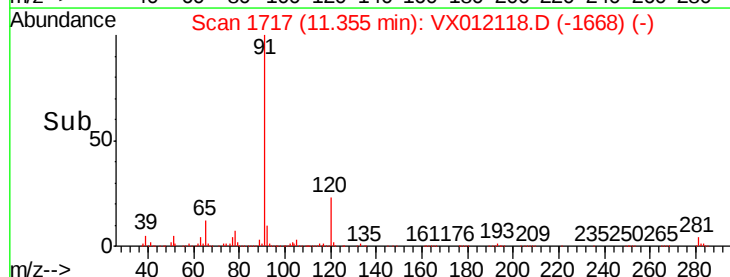
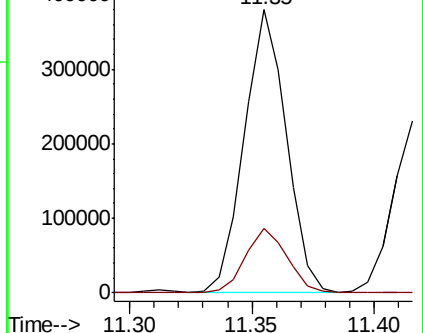
91 100

120 22.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

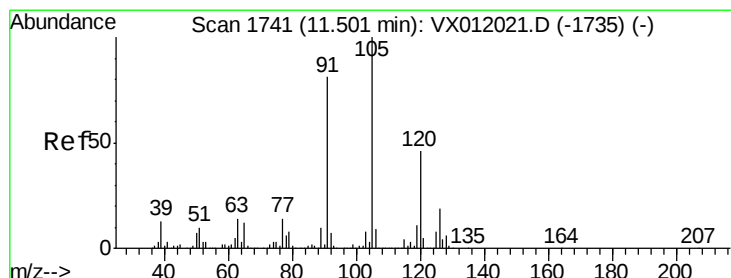
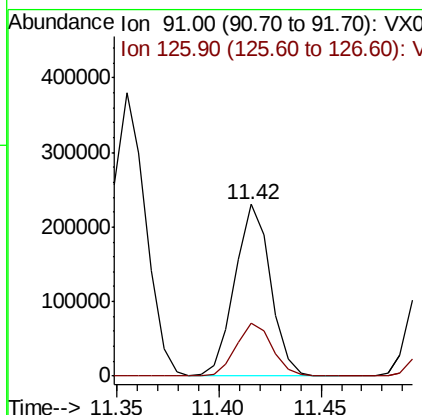
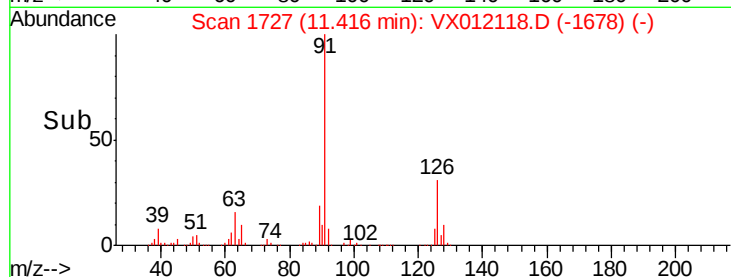
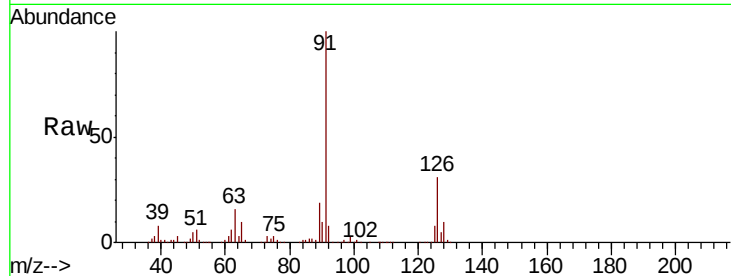




#79
 2-Chlorotoluene
 Concen: 50.332 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

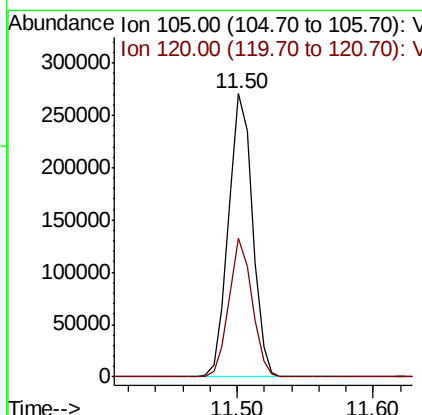
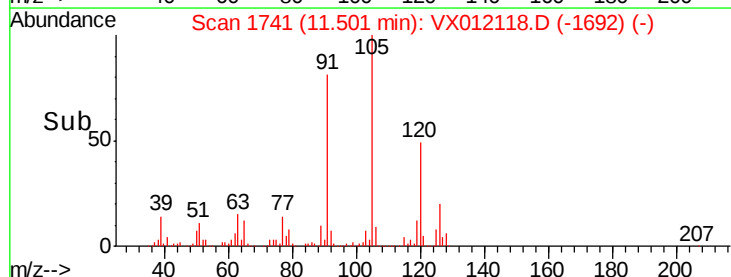
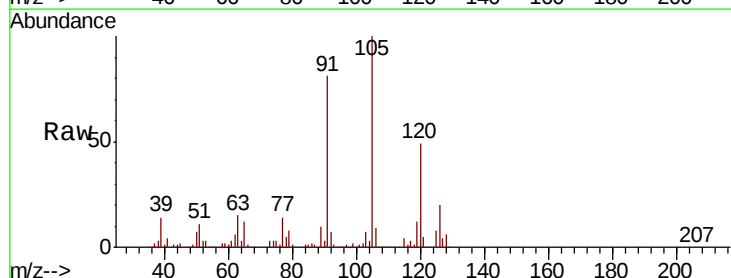
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

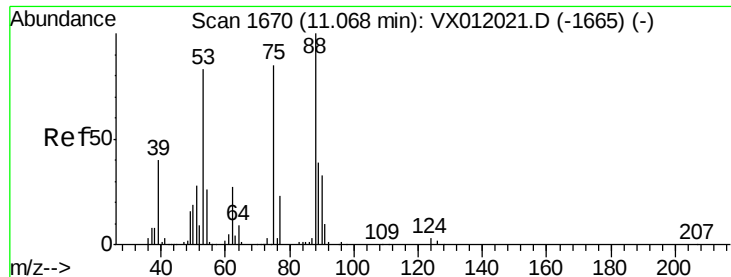
Tgt Ion: 91 Resp: 278160
 Ion Ratio Lower Upper
 91 100
 126 31.3 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.129 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 105 Resp: 331709
 Ion Ratio Lower Upper
 105 100
 120 47.3 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 43.142 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

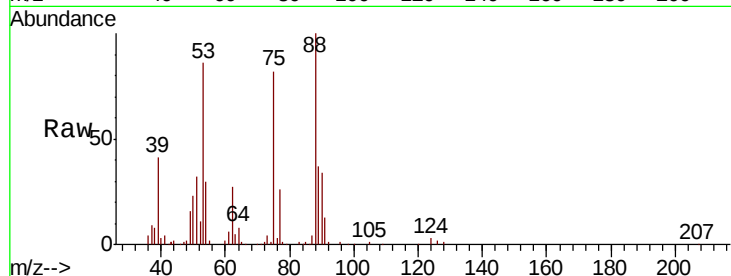
Tgt Ion: 75 Resp: 22946

Ion Ratio Lower Upper

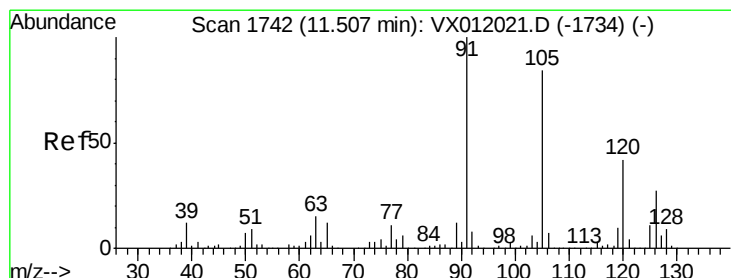
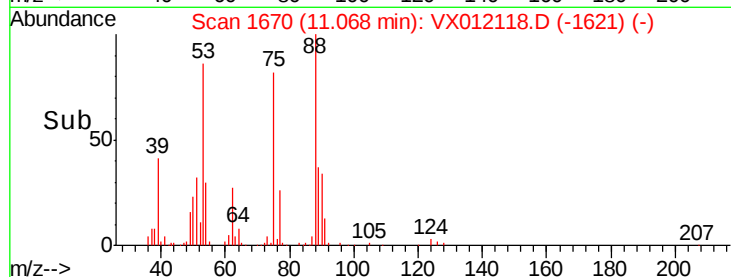
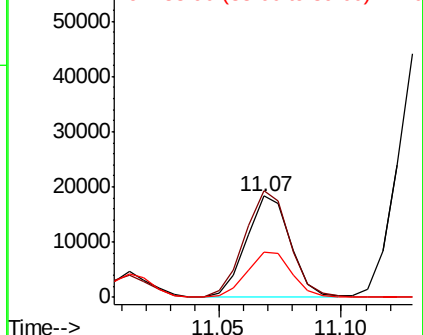
75 100

53 106.6 78.6 117.8

89 46.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.525 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012118.D

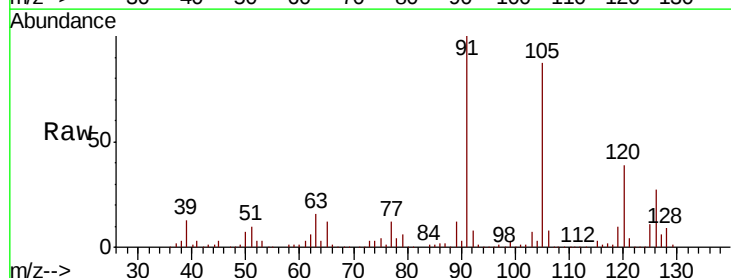
Acq: 05 Sep 2019 23:39

Tgt Ion: 91 Resp: 332811

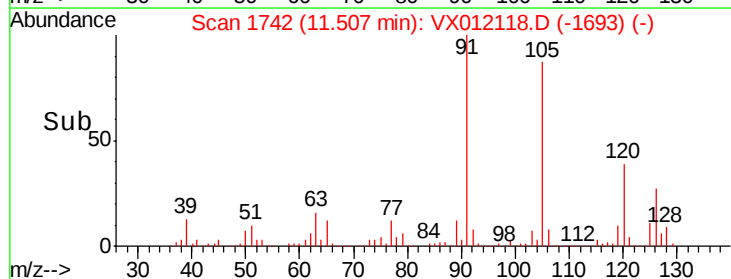
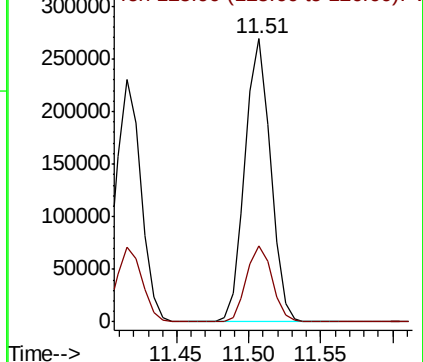
Ion Ratio Lower Upper

91 100

126 27.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

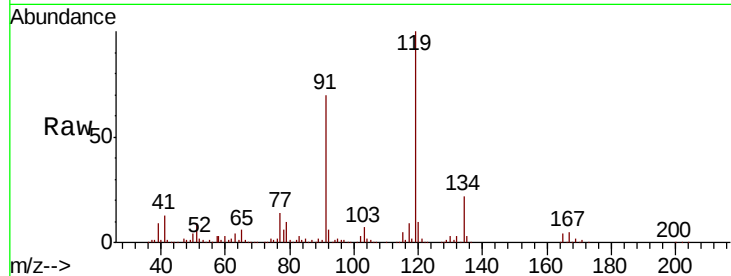




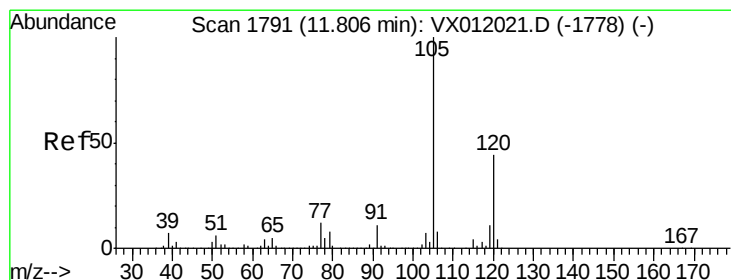
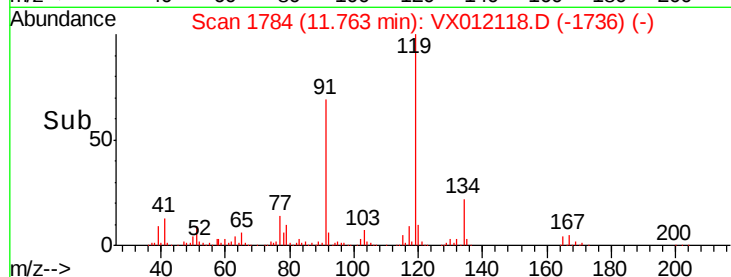
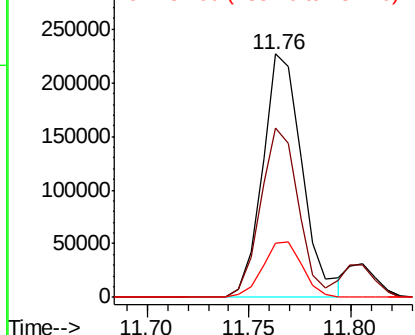
#83
 tert-Butylbenzene
 Concen: 48.697 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 307128
 Ion Ratio Lower Upper
 119 100
 91 66.3 27.1 81.2
 134 22.8 12.1 36.3

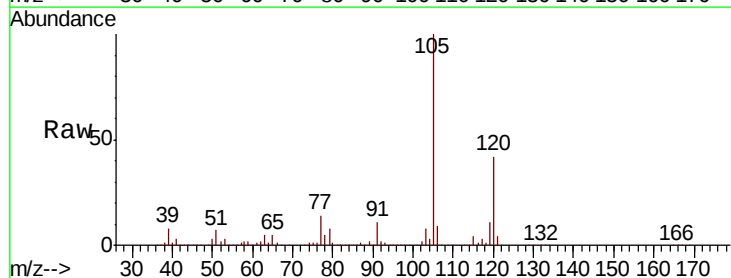


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

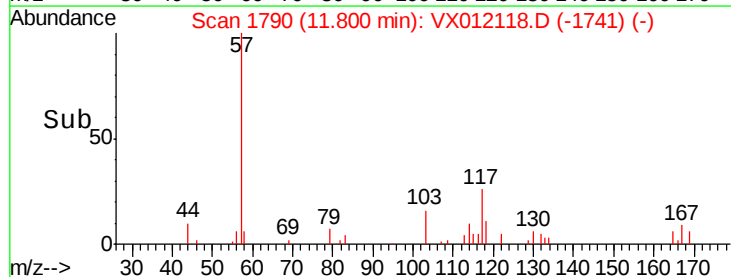
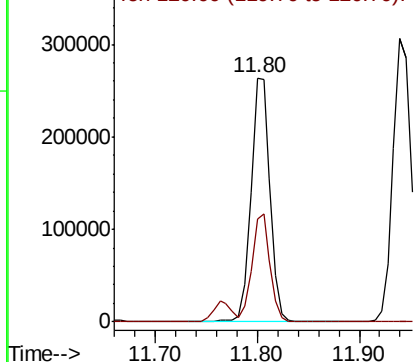


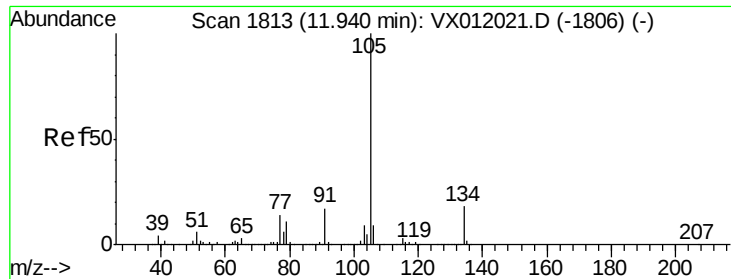
#84
 1,2,4-Trimethylbenzene
 Concen: 50.375 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion:105 Resp: 342594
 Ion Ratio Lower Upper
 105 100
 120 42.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.793 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

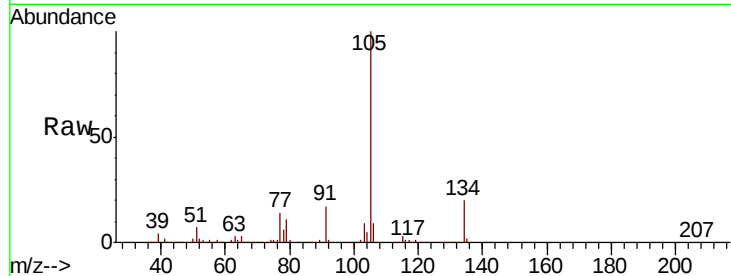
VSTDCCC050

Tgt Ion:105 Resp: 382228

Ion Ratio Lower Upper

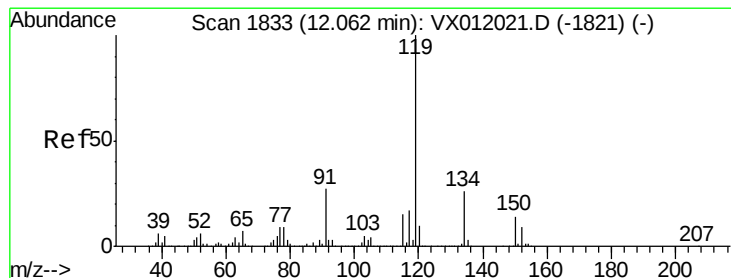
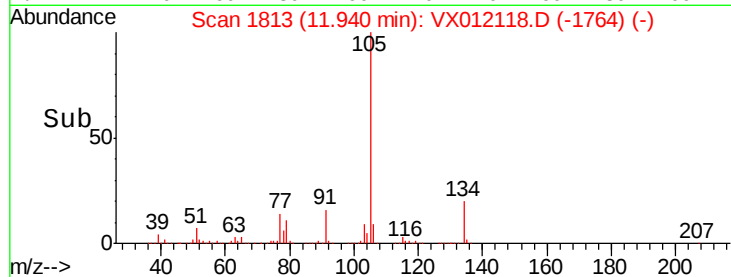
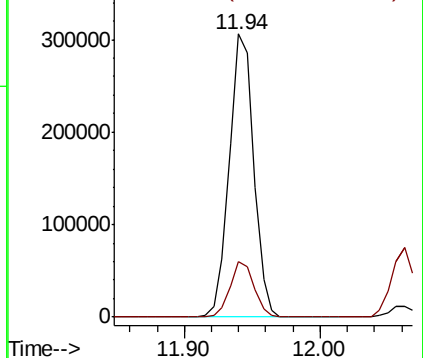
105 100

134 19.4 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.242 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

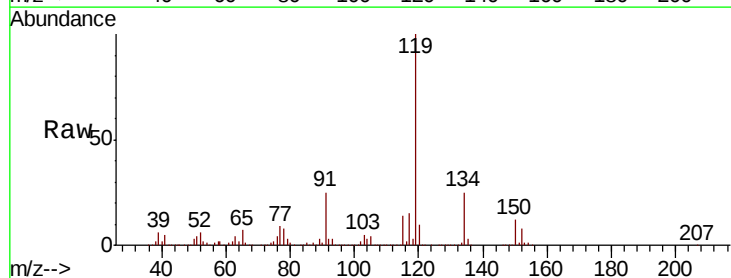
Tgt Ion:119 Resp: 350805

Ion Ratio Lower Upper

119 100

134 25.0 13.7 41.1

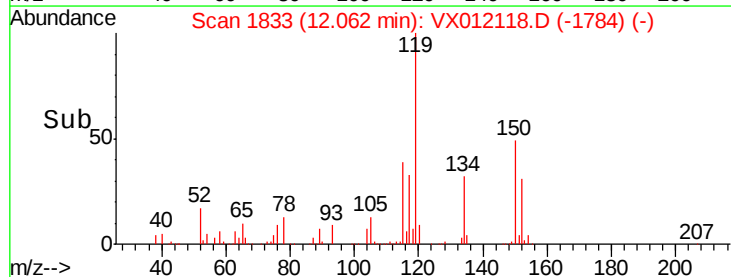
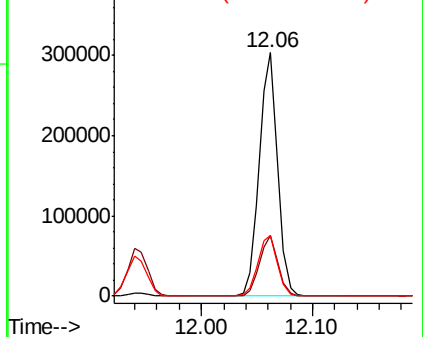
91 26.4 11.4 34.1

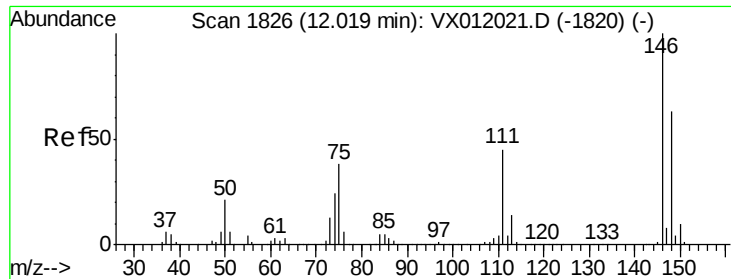


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

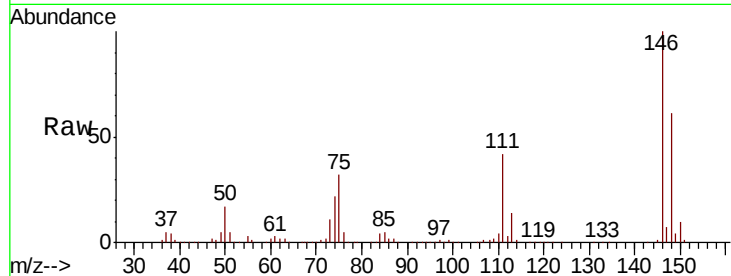




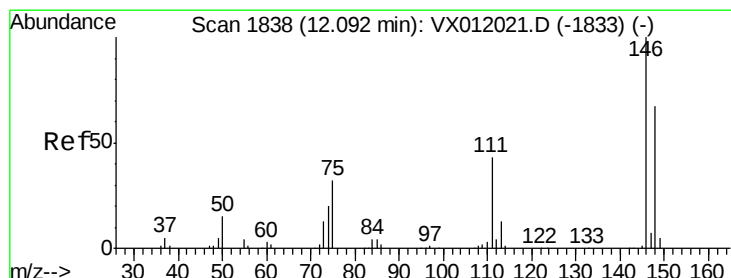
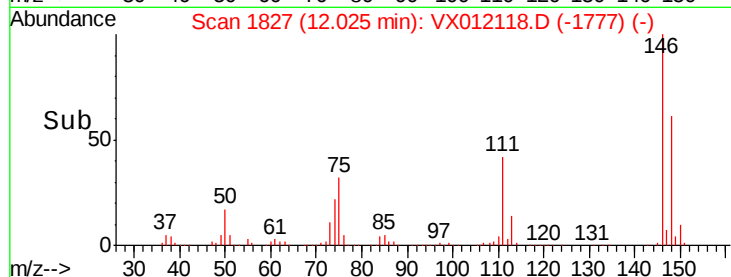
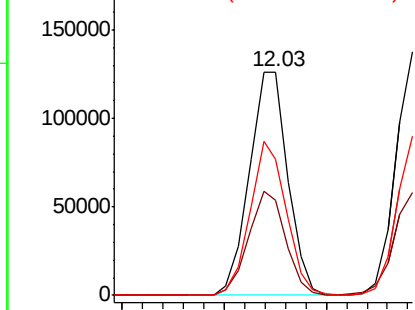
#87
 1,3-Dichlorobenzene
 Concen: 49.039 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 165946
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.1 54.1
 148 64.5 32.6 97.8

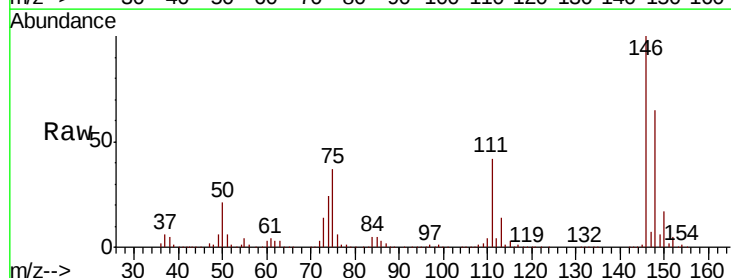


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

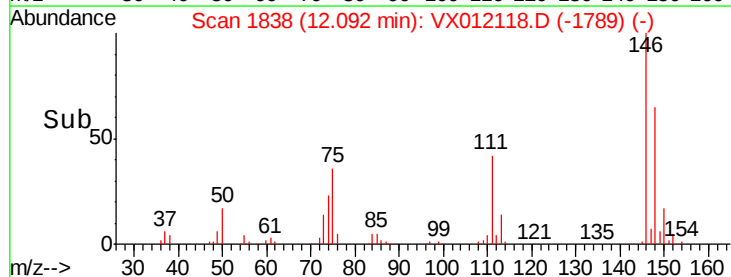
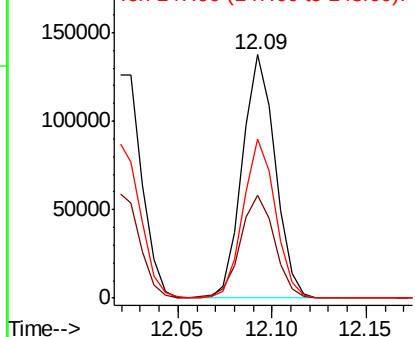


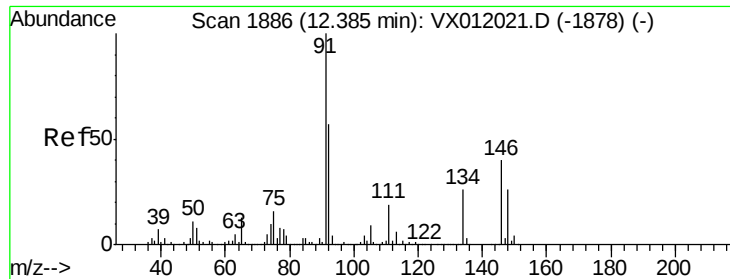
#88
 1,4-Dichlorobenzene
 Concen: 49.146 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion:146 Resp: 166290
 Ion Ratio Lower Upper
 146 100
 111 44.2 17.7 53.1
 148 64.4 32.4 97.0



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





#89

n-Butylbenzene

Concen: 48.835 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012118.D

Acq: 05 Sep 2019 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

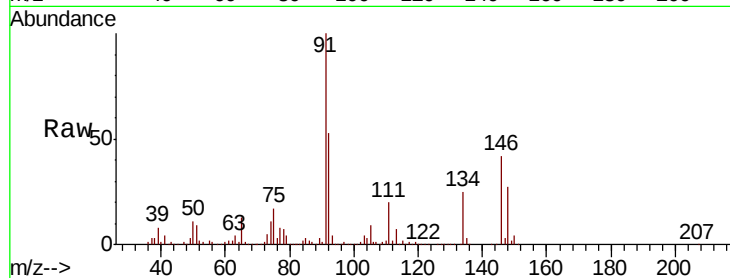
Tgt Ion: 91 Resp: 337967

Ion Ratio Lower Upper

91 100

92 53.8 27.6 82.8

134 24.8 15.4 46.1

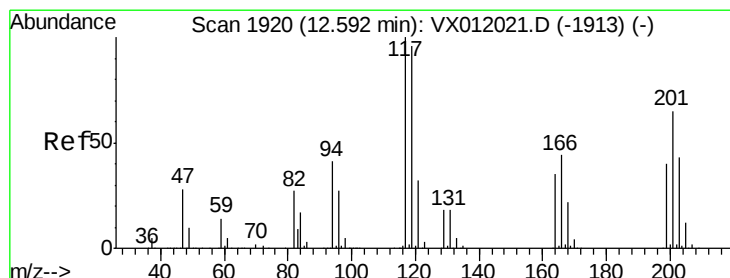
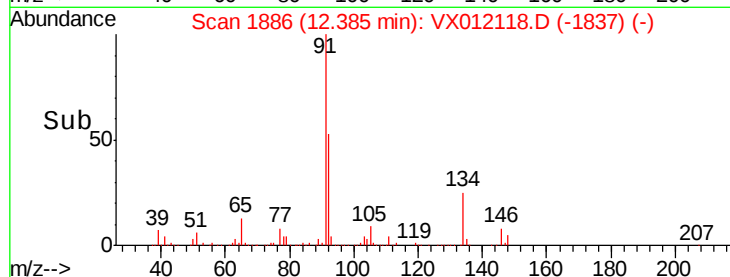
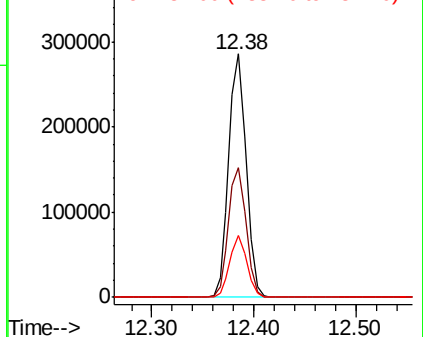


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.302 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012118.D

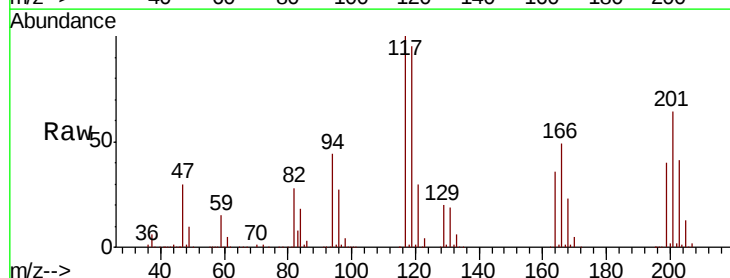
Acq: 05 Sep 2019 23:39

Tgt Ion: 117 Resp: 67286

Ion Ratio Lower Upper

117 100

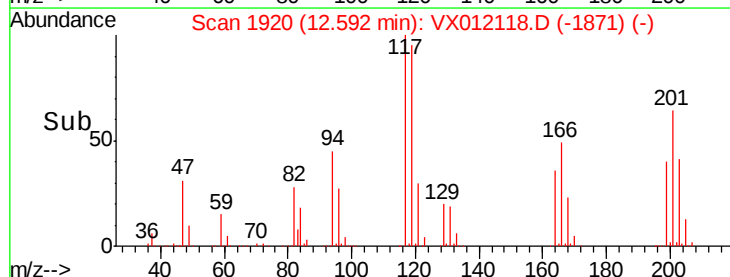
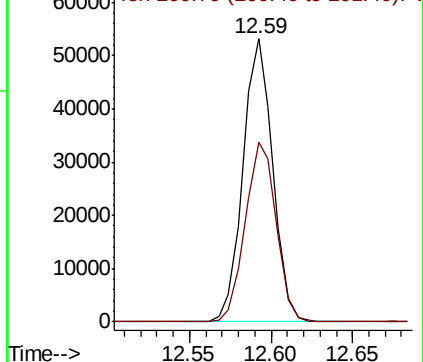
201 66.1 55.0 165.2

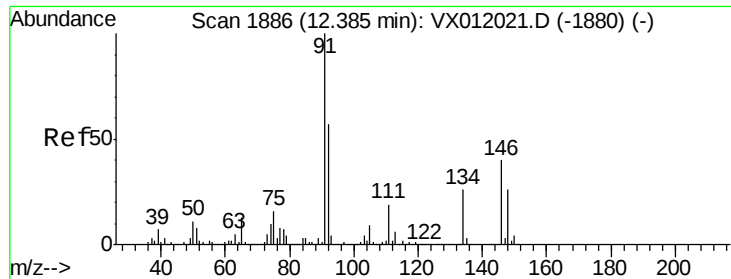


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

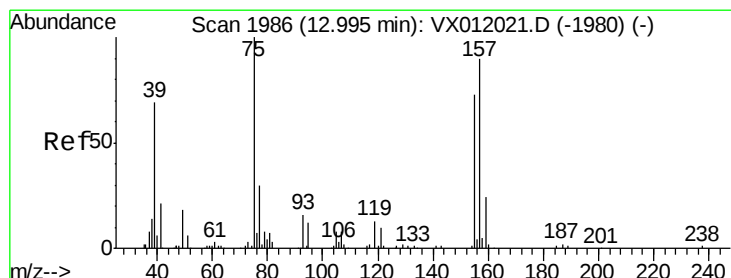
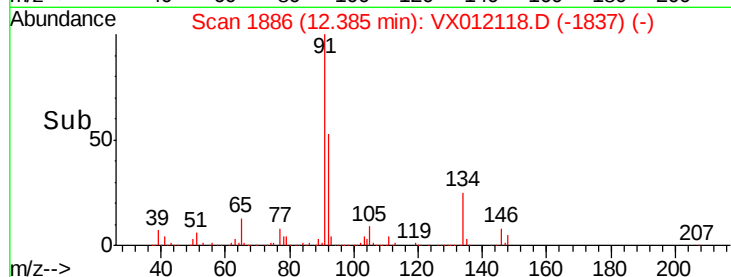
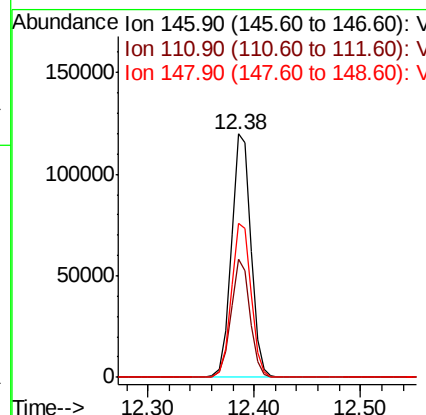
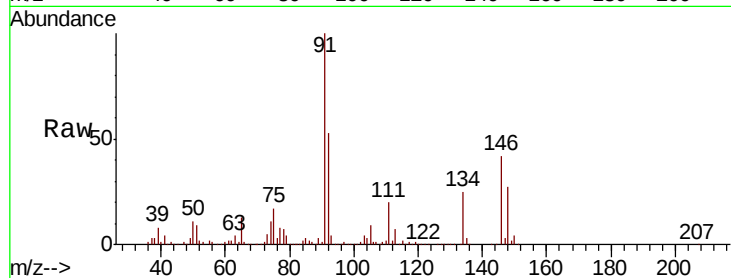




#91
 1,2-Dichlorobenzene
 Concen: 50.325 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

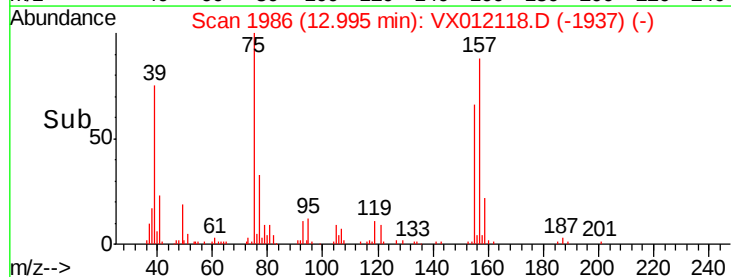
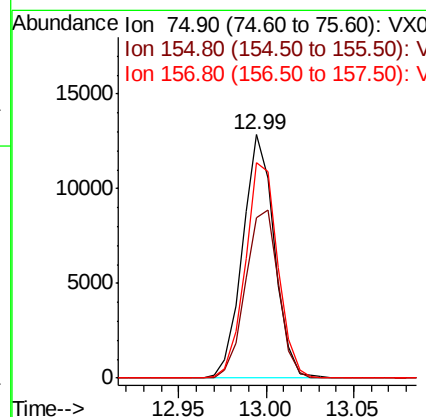
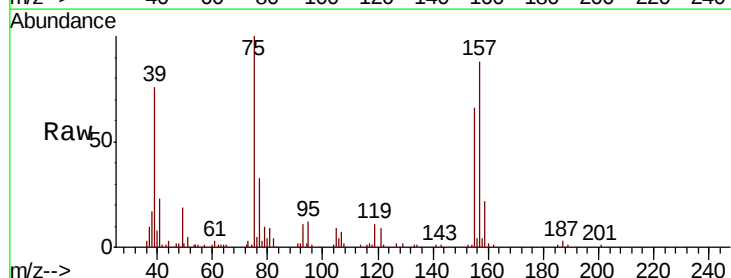
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

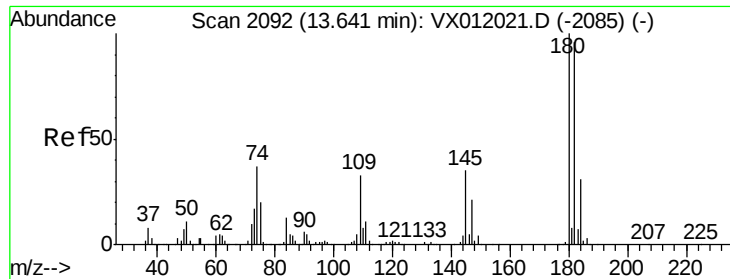
Tgt Ion:146 Resp: 153373
 Ion Ratio Lower Upper
 146 100
 111 46.9 18.6 56.0
 148 63.9 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.073 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion: 75 Resp: 16165
 Ion Ratio Lower Upper
 75 100
 155 71.8 51.7 155.2
 157 90.7 66.9 200.7

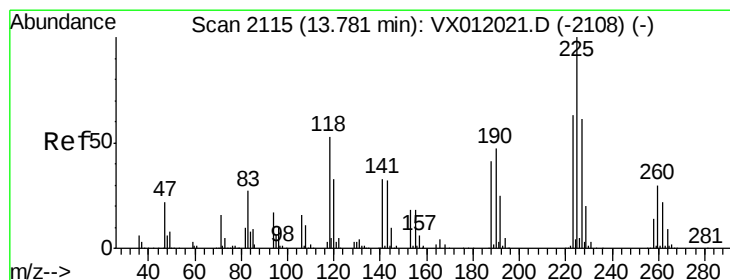
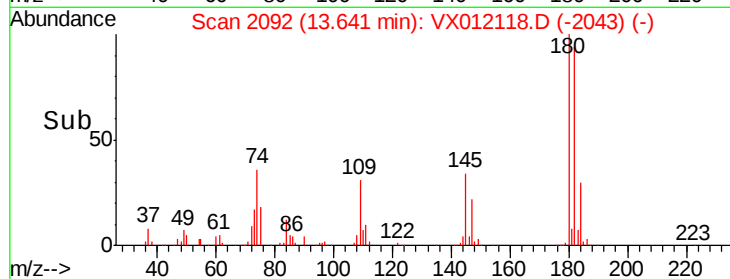
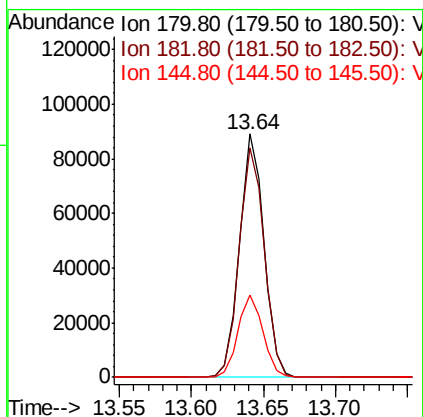
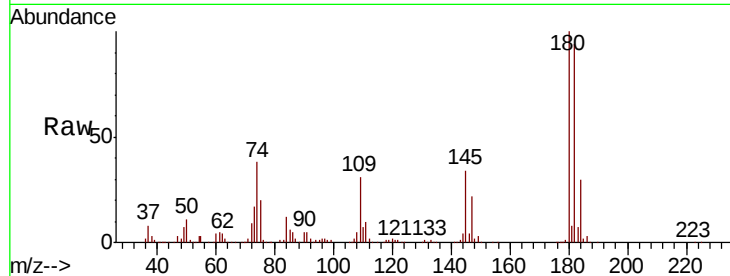




#93
 1,2,4-Trichlorobenzene
 Concen: 48.400 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

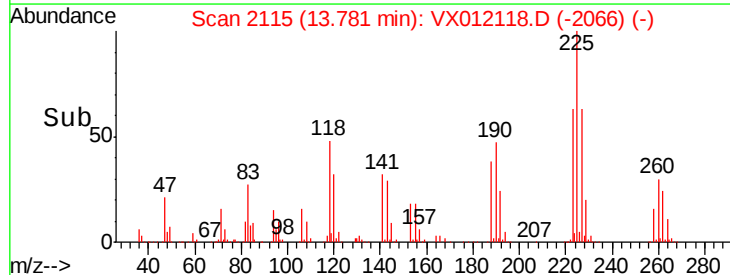
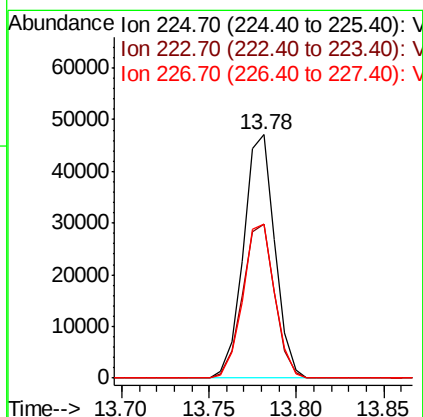
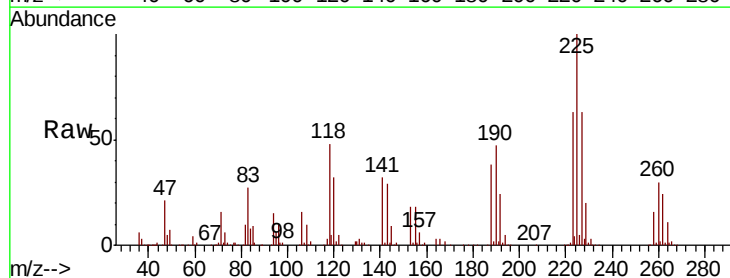
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

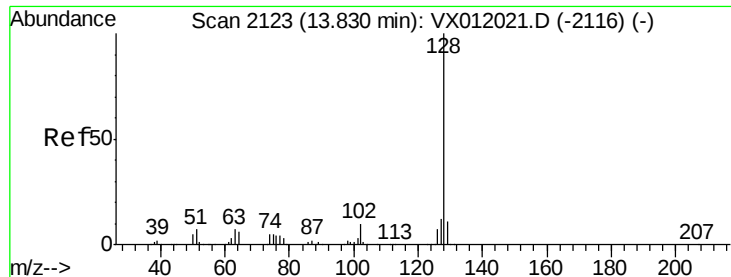
Tgt Ion:180 Resp: 104989
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 142.0
 145 34.6 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 53.468 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012118.D
 Acq: 05 Sep 2019 23:39

Tgt Ion:225 Resp: 58465
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.6 95.0
 227 64.1 32.5 97.5

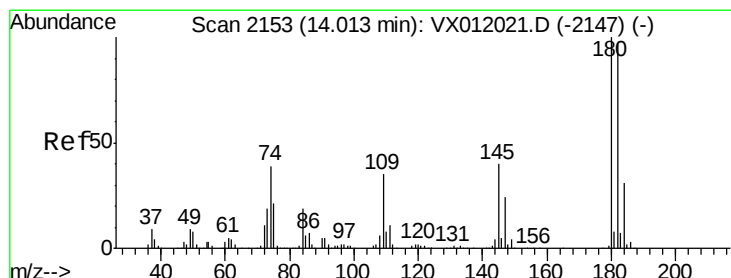
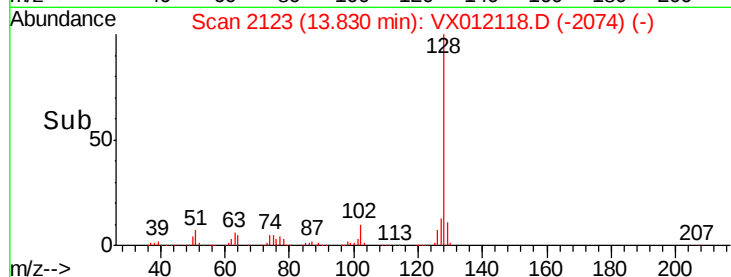
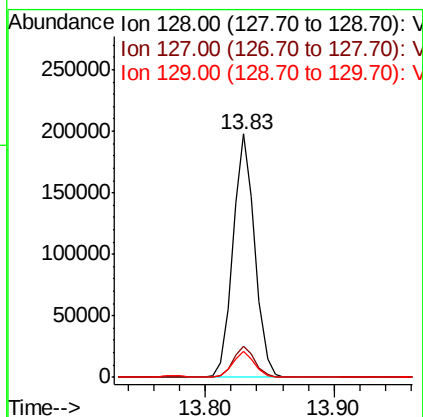
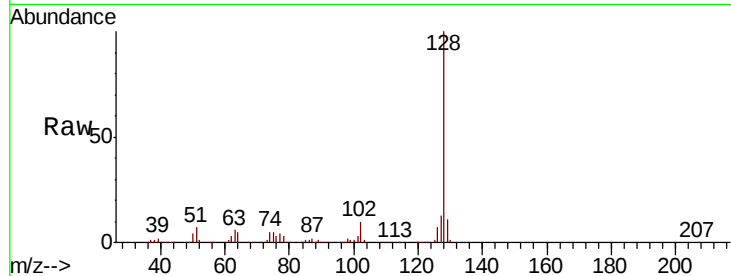




#95
Naphthalene
Concen: 49.718 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 233413
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.510 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012118.D
Acq: 05 Sep 2019 23:39

Tgt Ion:180 Resp: 96394
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 36.4 14.1 42.4

