

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\NOT REVIEWED DATA\
 Data File : VX008008.D
 Acq On : 12 Mar 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 05:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	122706	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	110318	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	408724	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	143391	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	87760	44.727	ug/l	98
3) Chloromethane	1.33	50	115854	45.818	ug/l	99
4) Vinyl Chloride	1.41	62	122601	48.797	ug/l	100
5) Bromomethane	1.64	94	63767	54.178	ug/l	99
6) Chloroethane	1.72	64	76629	45.911	ug/l	98
7) Trichlorofluoromethane	1.93	101	162212	49.589	ug/l	99
8) Diethyl Ether	2.19	74	72495	51.179	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96887	47.796	ug/l	99
10) Methyl Iodide	2.51	142	154505	53.727	ug/l	99
11) Tert butyl alcohol	3.08	59	138252	255.172	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97883	50.094	ug/l	99
13) Acrolein	2.30	56	17072	56.878	ug/l	95
14) Allyl chloride	2.73	41	186026	45.307	ug/l	99
15) Acrylonitrile	3.15	53	330738	241.847	ug/l	100
16) Acetone	2.45	43	275496	196.463	ug/l	99
17) Carbon Disulfide	2.57	76	289963	48.857	ug/l	100
18) Methyl Acetate	2.78	43	160345	53.824	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	346688	51.574	ug/l	100
20) Methylene Chloride	2.86	84	109203	48.932	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	105806	49.212	ug/l	96
22) Diisopropyl ether	3.87	45	366738	48.726	ug/l	99
23) Vinyl Acetate	3.82	43	1494453	226.424	ug/l	99
24) 1,1-Dichloroethane	3.70	63	199190	49.178	ug/l	100
25) 2-Butanone	4.70	43	448491	225.910	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82596	30.780	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	121343	49.322	ug/l	94
28) Bromochloromethane	5.02	49	93120	49.313	ug/l	95
29) Tetrahydrofuran	5.15	42	300346	242.540	ug/l	98
30) Chloroform	5.21	83	192851	50.334	ug/l	99
31) Cyclohexane	5.57	56	179033	48.093	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	163483	51.426	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145064	47.105	ug/l	99
37) Ethyl Acetate	4.85	43	169130	46.280	ug/l	98
38) Carbon Tetrachloride	5.78	117	144269	49.346	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170725	45.751	ug/l	98
40) Benzene	6.14	78	451597	49.258	ug/l	100
41) Methacrylonitrile	5.06	41	95619	47.991	ug/l	98
42) 1,2-Dichloroethane	6.20	62	146146	48.744	ug/l	99
43) Isopropyl Acetate	6.46	43	263183	48.661	ug/l	99
44) Trichloroethene	7.21	130	124492	49.274	ug/l	100
45) 1,2-Dichloropropane	7.52	63	119907	49.519	ug/l	100
46) Dibromomethane	7.66	93	75637	49.358	ug/l	99
47) Bromodichloromethane	7.90	83	143937	49.541	ug/l	99
48) Methyl methacrylate	7.77	41	139182	48.946	ug/l	98
49) 1,4-Dioxane	7.75	88	57620	986.413	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	850179	244.427	ug/l	99
52) Toluene	8.79	92	282665	50.500	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148134	48.849	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165001	48.183	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115782	51.099	ug/l	99
56) Ethyl methacrylate	9.18	69	176290	51.819	ug/l	97
57) 1,3-Dichloropropane	9.37	76	191013	50.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	466404	265.030	ug/l	99
59) 2-Hexanone	9.49	43	630777	233.583	ug/l	99
60) Dibromochloromethane	9.59	129	121992	51.509	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123002	51.129	ug/l	99
64) Tetrachloroethene	9.34	164	131575	53.215	ug/l	98
65) Chlorobenzene	10.14	112	308560	49.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114316	51.087	ug/l	99
67) Ethyl Benzene	10.25	91	520461	50.641	ug/l	99
68) m/p-Xylenes	10.36	106	400878	101.195	ug/l	100
69) o-Xylene	10.69	106	193656	50.635	ug/l	100
70) Styrene	10.71	104	322324	51.502	ug/l	100
71) Bromoform	10.85	173	96233	50.078	ug/l #	100
73) Isopropylbenzene	11.02	105	517950	50.823	ug/l	100
74) N-amyl acetate	10.90	43	214056	46.008	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	166518	47.369	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	186882	59.101	ug/l	92
77) Bromobenzene	11.26	156	139233	49.831	ug/l	98
78) n-propylbenzene	11.36	91	569710	50.390	ug/l	100
79) 2-Chlorotoluene	11.42	91	341152	49.351	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428839	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41426	41.877	ug/l	99
82) 4-Chlorotoluene	11.51	91	392306	49.521	ug/l	99
83) tert-Butylbenzene	11.77	119	420318	49.747	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	438108	50.950	ug/l	100
85) sec-Butylbenzene	11.94	105	507054	50.955	ug/l	100
86) p-Isopropyltoluene	12.06	119	457334	51.317	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242846	49.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244163	48.232	ug/l	100
89) n-Butylbenzene	12.38	91	375342	49.712	ug/l	99
90) Hexachloroethane	12.60	117	74930	50.287	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	240458	48.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34443	46.881	ug/l	95

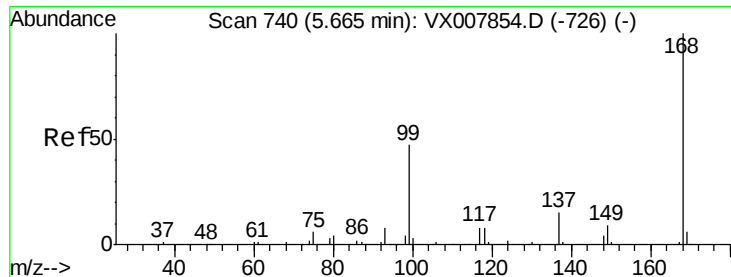
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173117	50.183	ug/l	100
94) Hexachlorobutadiene	13.78	225	87939	48.758	ug/l	99
95) Naphthalene	13.83	128	517922	52.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171821	49.999	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

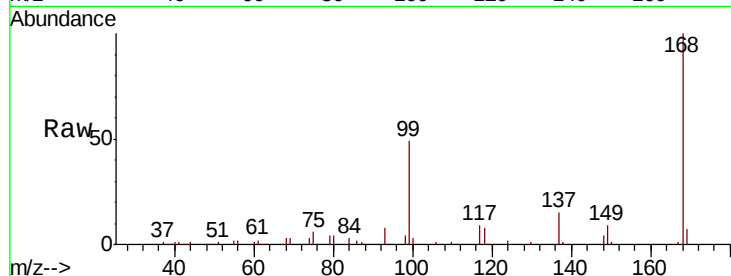
VSTDCCC050EC

Tgt Ion:168 Resp: 229661

Ion Ratio Lower Upper

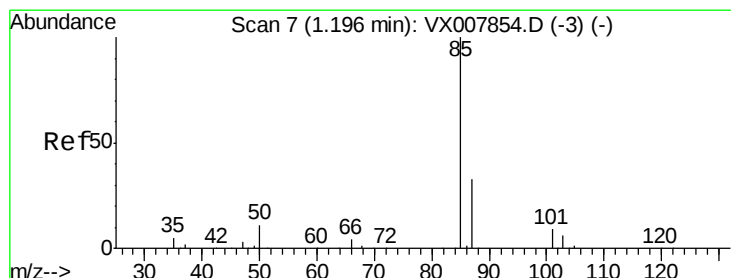
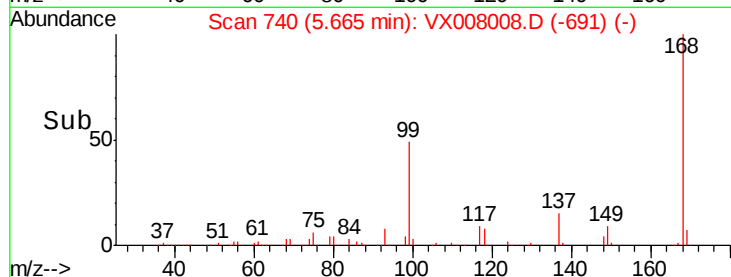
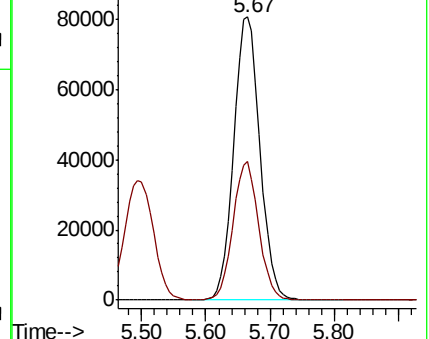
168 100

99 48.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.727 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008008.D

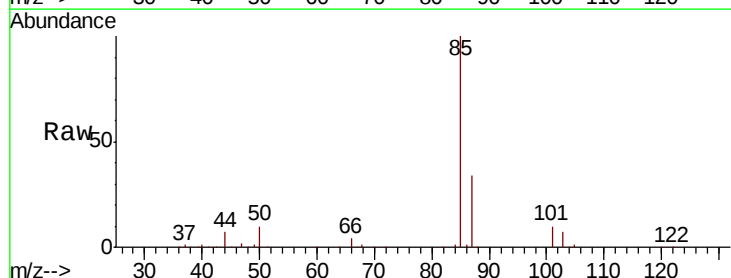
Acq: 12 Mar 2019 11:07

Tgt Ion: 85 Resp: 87760

Ion Ratio Lower Upper

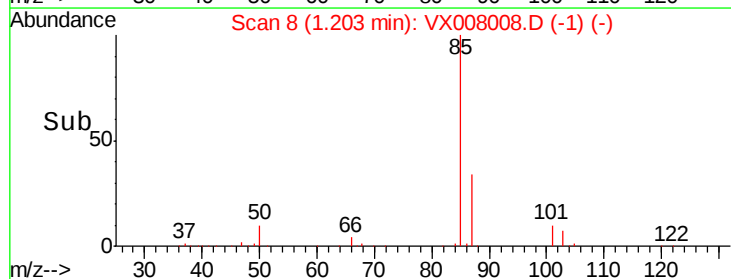
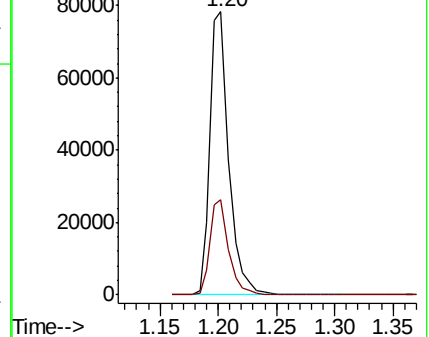
85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

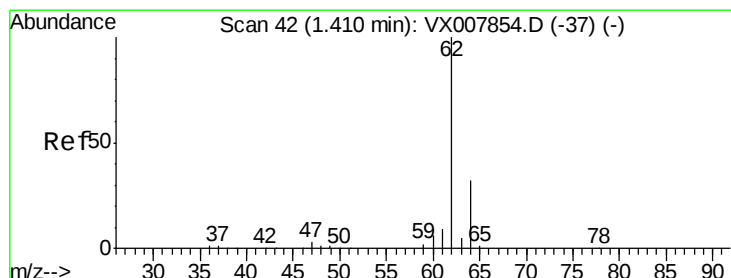
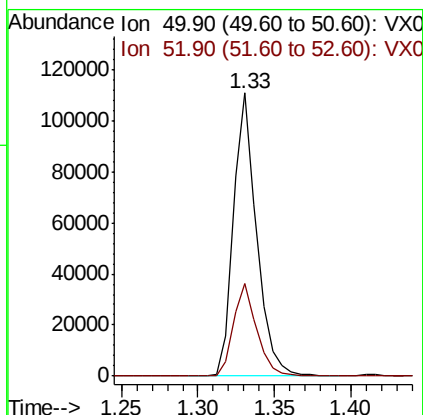
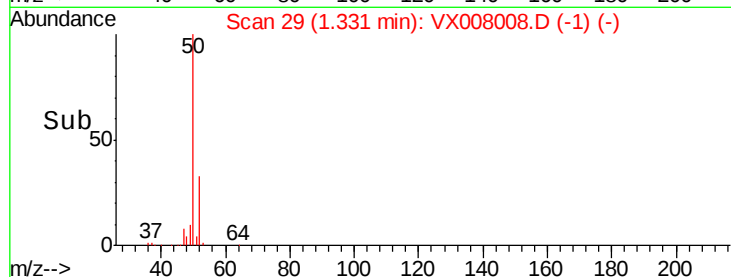
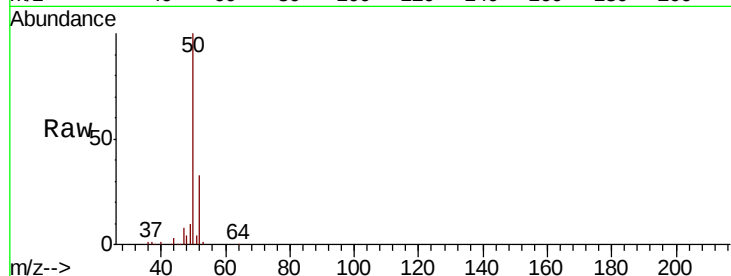




#3
Chloromethane
Concen: 45.818 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

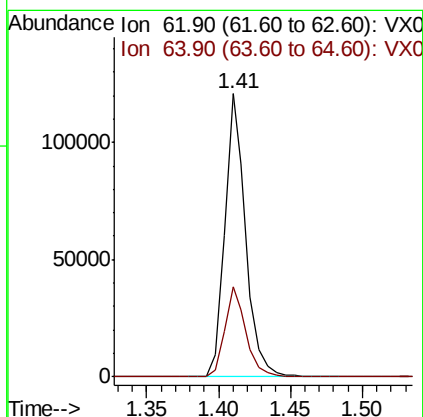
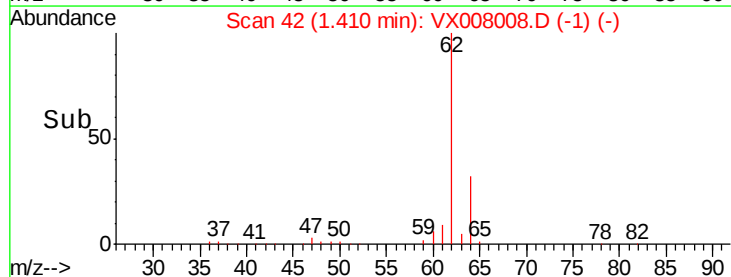
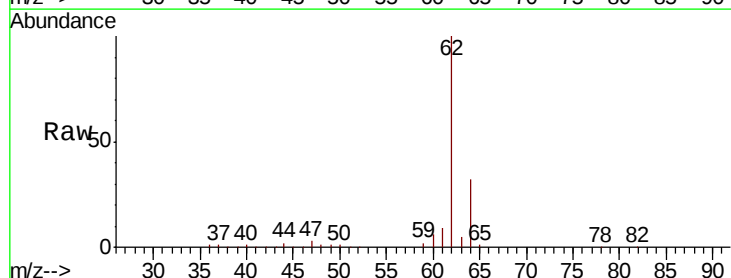
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

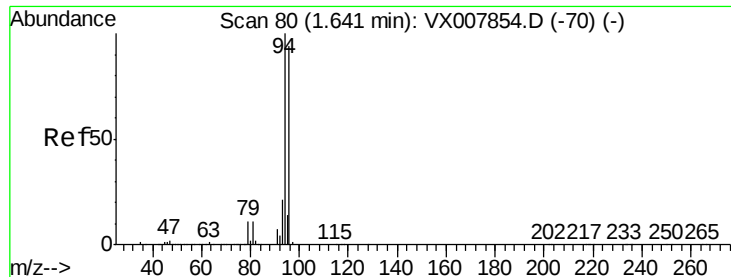
Tgt Ion: 50 Resp: 115854
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 48.797 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 62 Resp: 122601
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9





#5

Bromomethane

Concen: 54.178 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

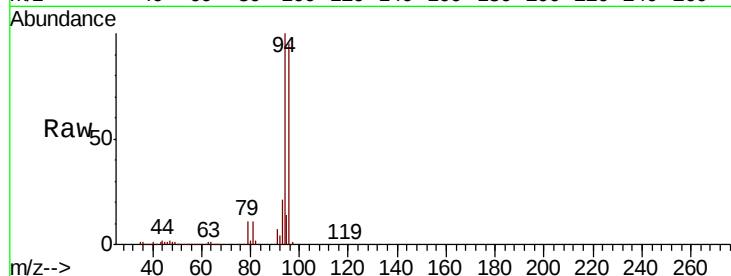
VSTDCCC050EC

Tgt Ion: 94 Resp: 63767

Ion Ratio Lower Upper

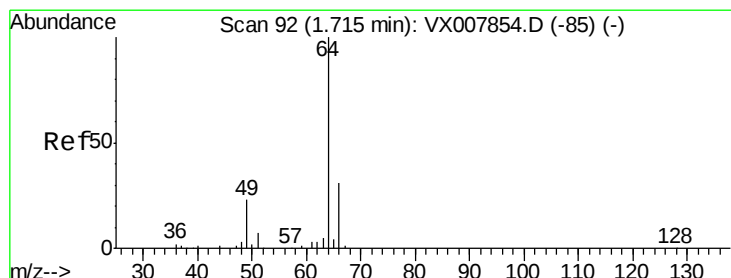
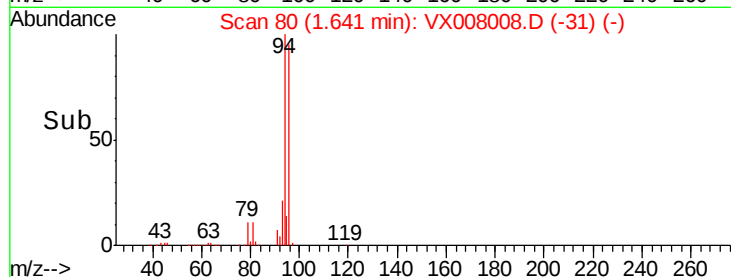
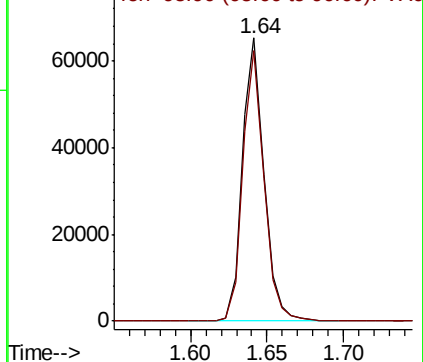
94 100

96 95.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.911 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008008.D

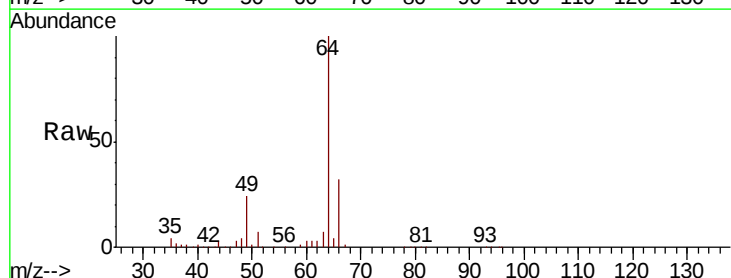
Acq: 12 Mar 2019 11:07

Tgt Ion: 64 Resp: 76629

Ion Ratio Lower Upper

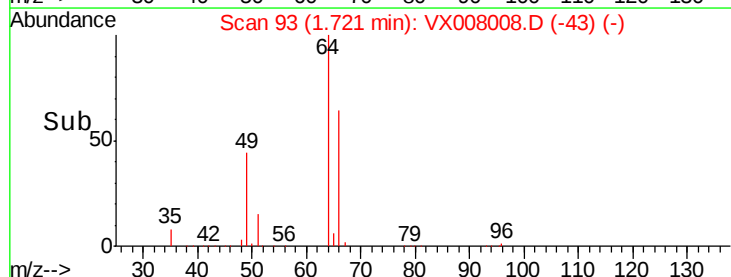
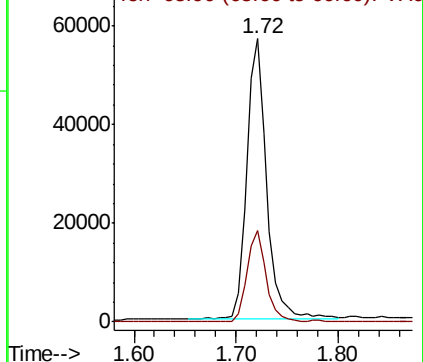
64 100

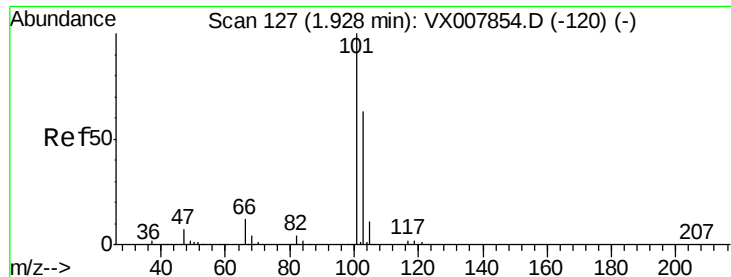
66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



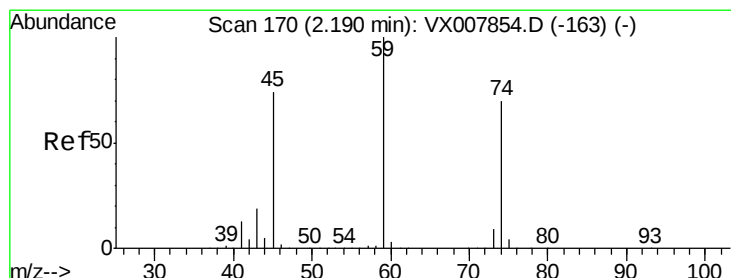
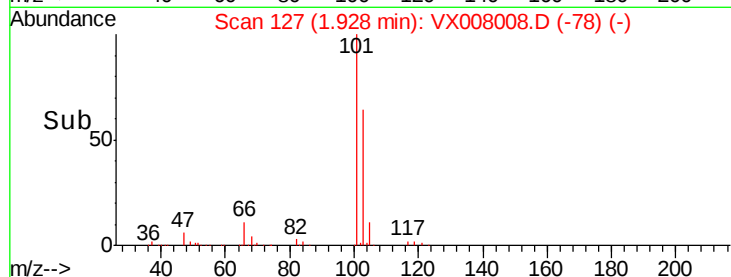
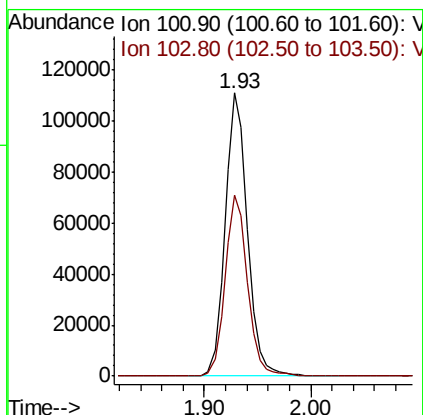
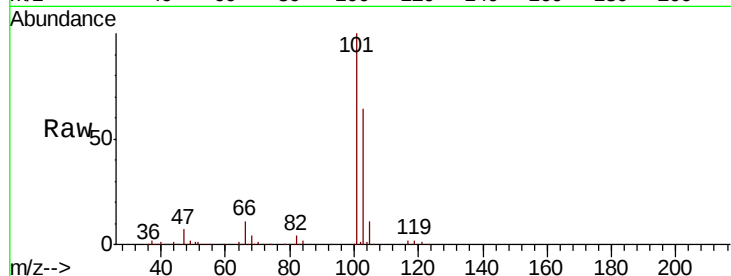


#7

Trichlorofluoromethane
 Concen: 49.589 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
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 VSTDCCC050EC

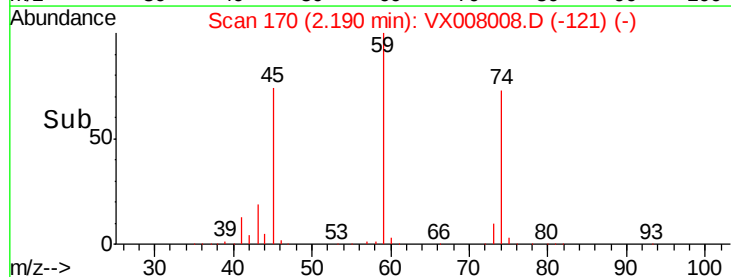
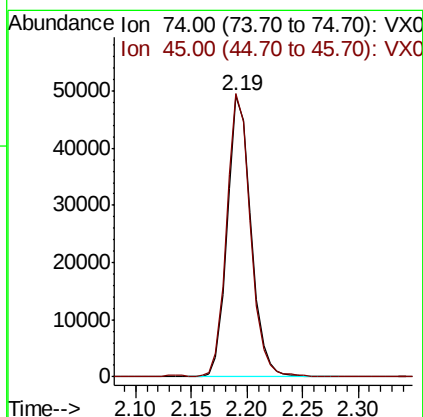
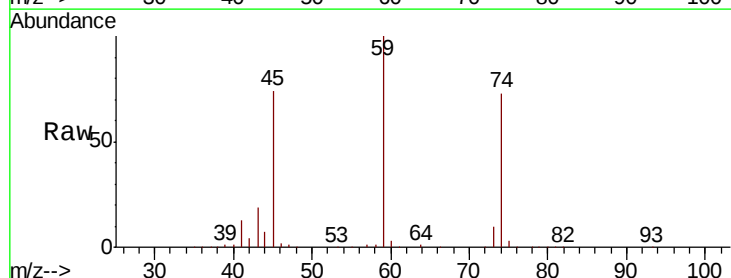
Tgt Ion: 101 Resp: 162212
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6

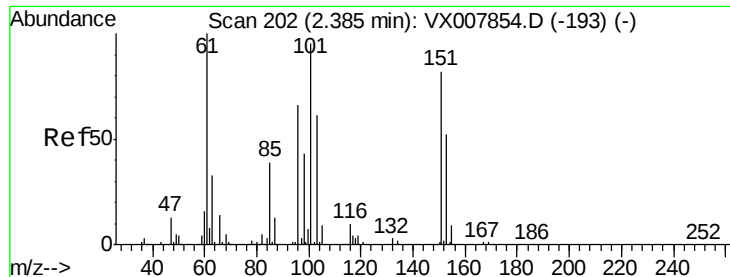


#8

Diethyl Ether
 Concen: 51.179 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 74 Resp: 72495
 Ion Ratio Lower Upper
 74 100
 45 100.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.796 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

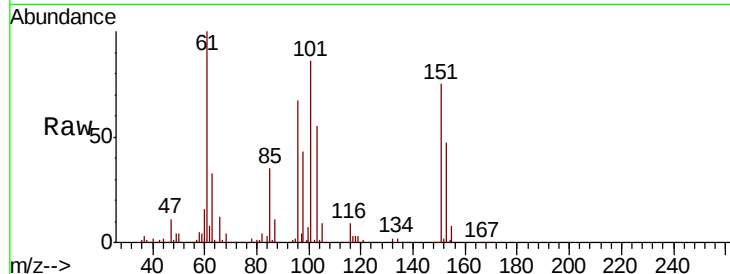
Tgt Ion:101 Resp: 96887

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

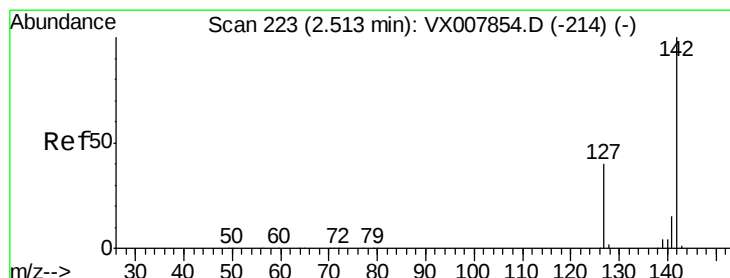
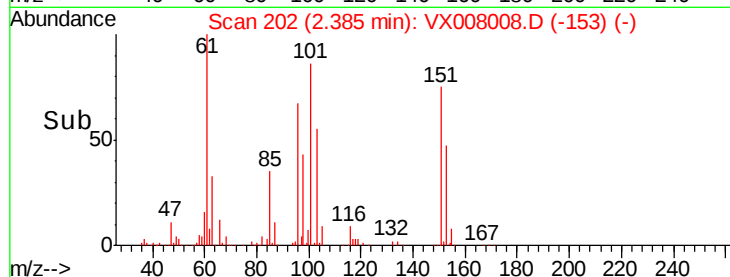
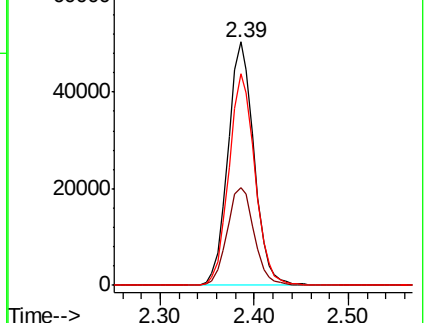
151 87.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.727 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

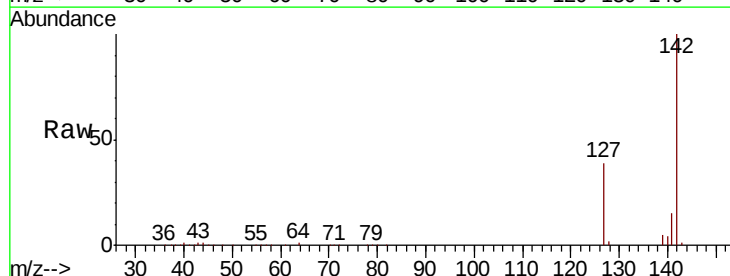
Tgt Ion:142 Resp: 154505

Ion Ratio Lower Upper

142 100

127 39.1 32.1 48.1

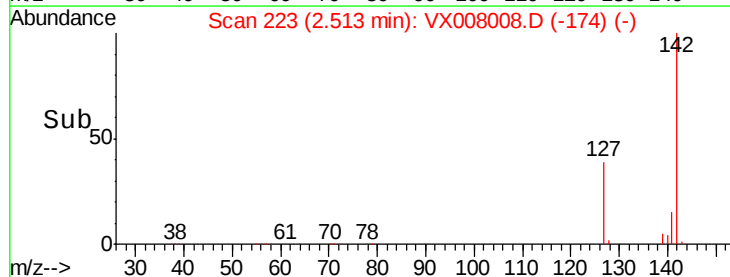
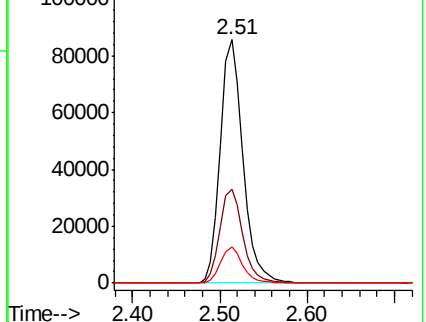
141 14.4 11.4 17.2

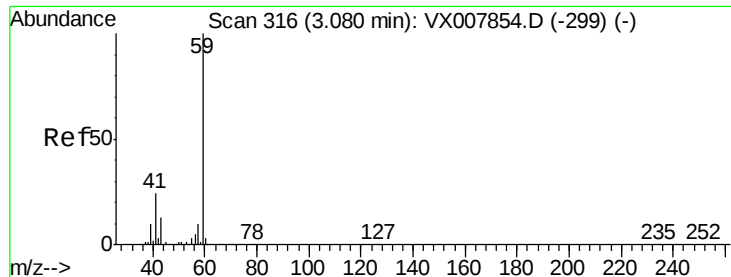


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

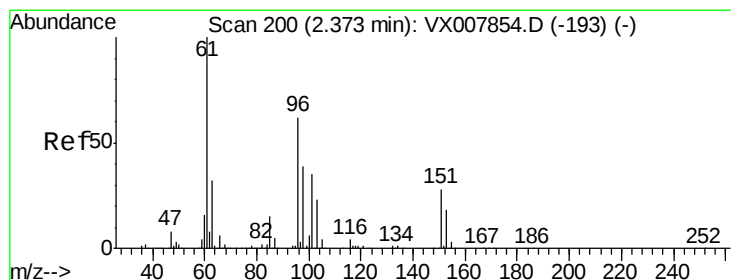
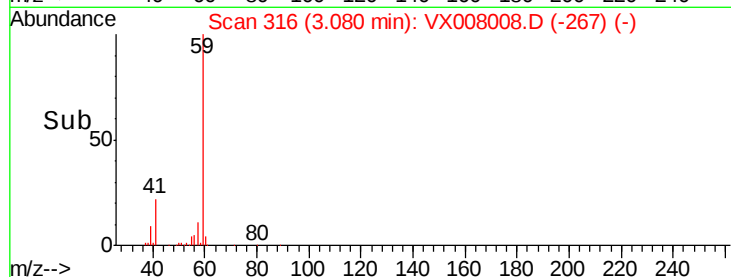
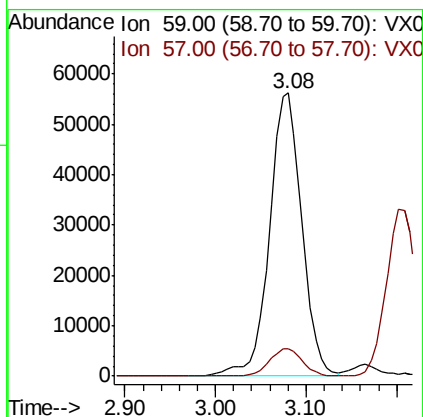
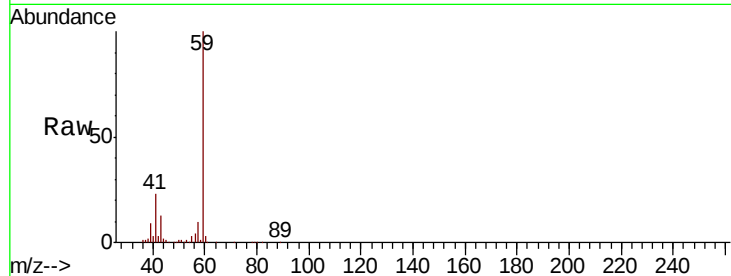




#11
Tert butyl alcohol
Concen: 255.172 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

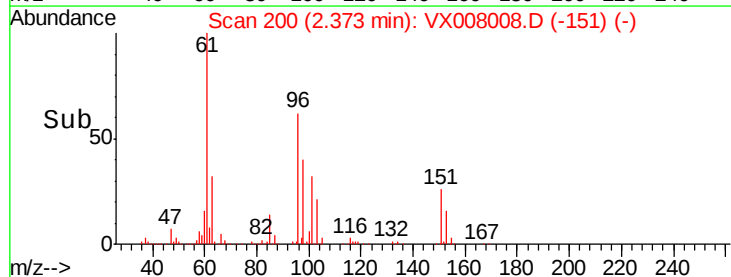
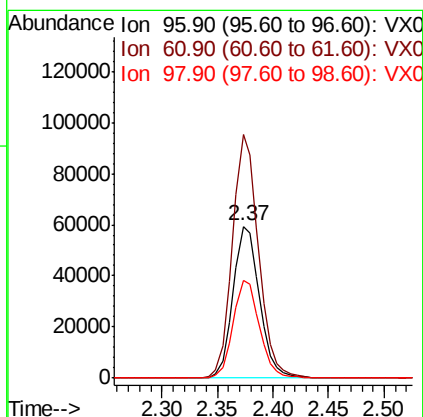
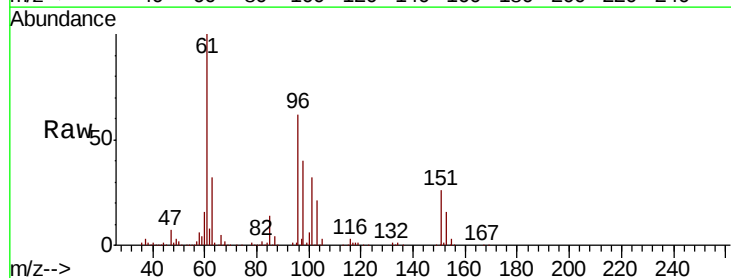
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

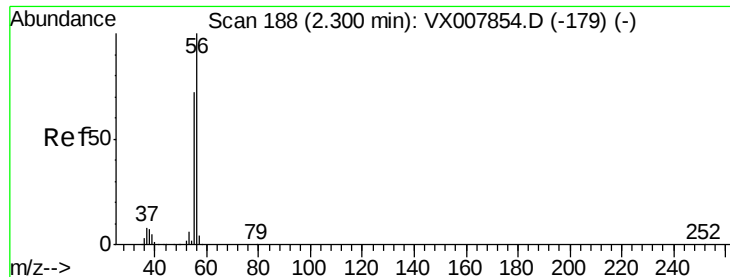
Tgt Ion: 59 Resp: 138252
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.094 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 96 Resp: 97883
Ion Ratio Lower Upper
96 100
61 160.2 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 56.878 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

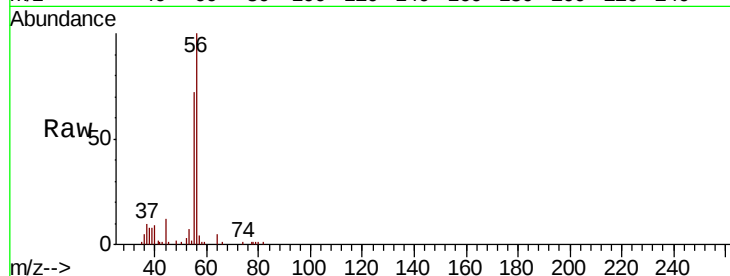
VSTDCCC050EC

Tgt Ion: 56 Resp: 17072

Ion Ratio Lower Upper

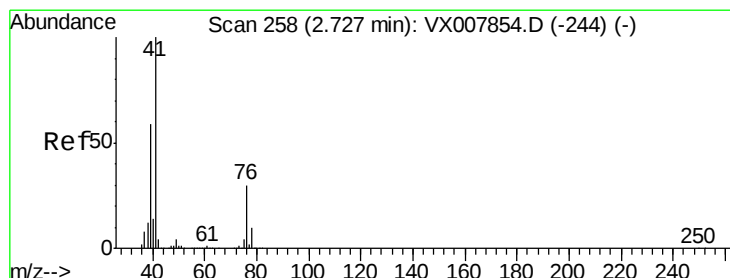
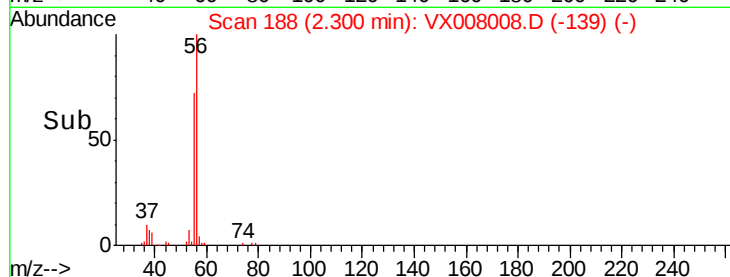
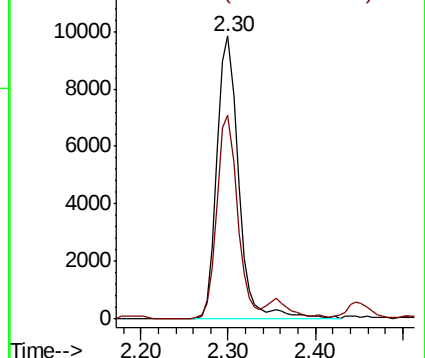
56 100

55 68.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.307 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

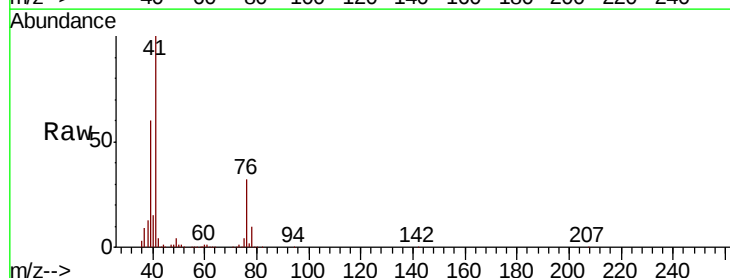
Tgt Ion: 41 Resp: 186026

Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

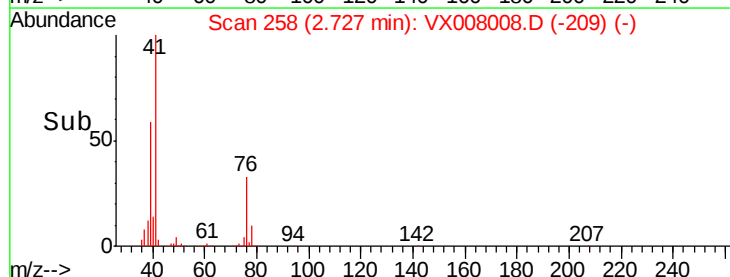
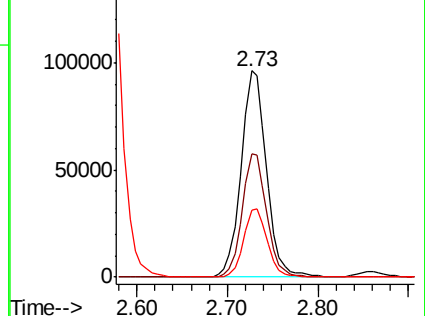
76 31.1 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.847 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

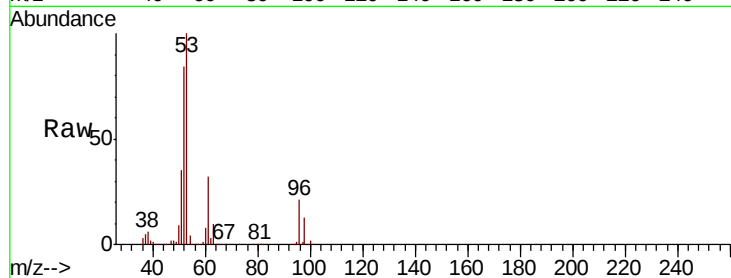
Tgt Ion: 53 Resp: 330738

Ion Ratio Lower Upper

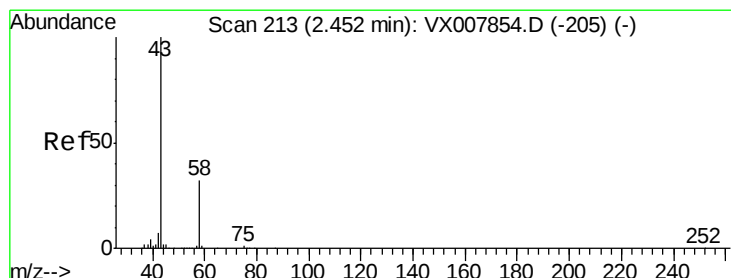
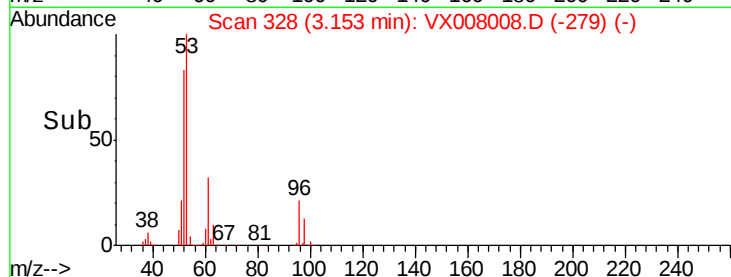
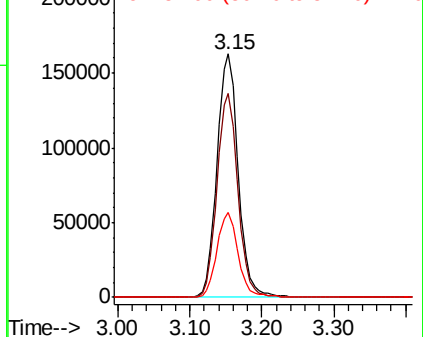
53 100

52 82.5 66.0 99.0

51 35.2 28.0 42.0



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: 196.463 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX008008.D

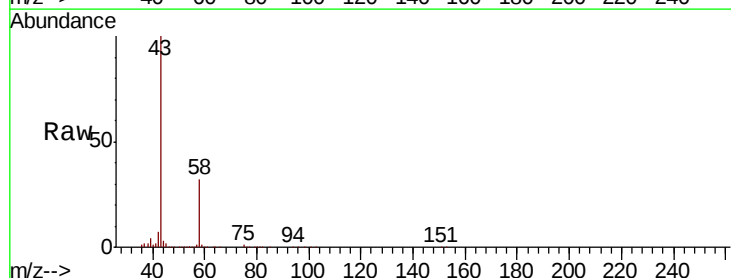
Acq: 12 Mar 2019 11:07

Tgt Ion: 43 Resp: 275496

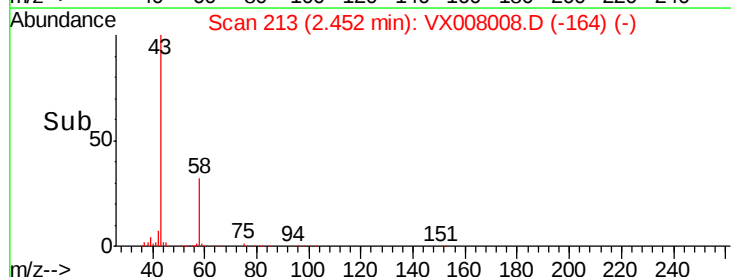
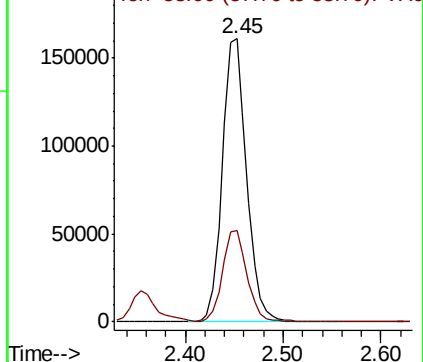
Ion Ratio Lower Upper

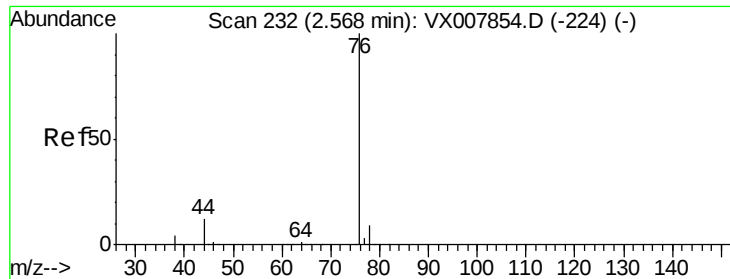
43 100

58 32.4 25.5 38.3



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

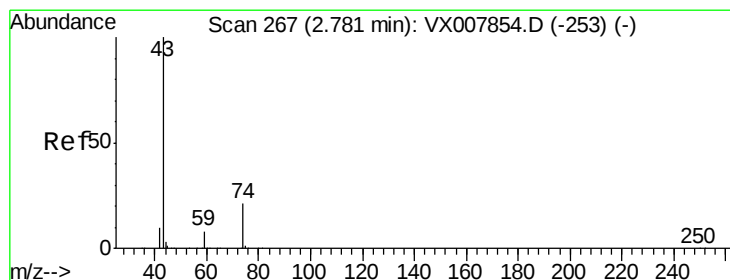
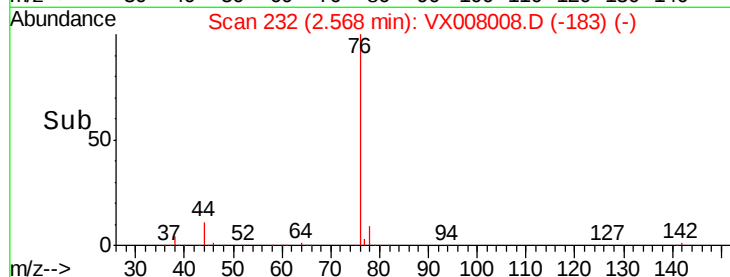
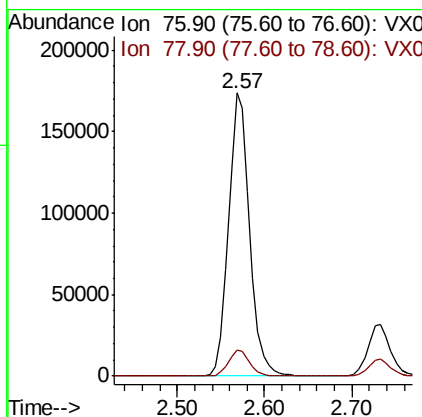
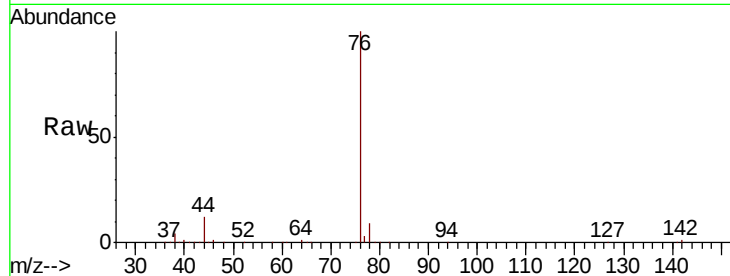




#17
Carbon Disulfide
Concen: 48.857 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

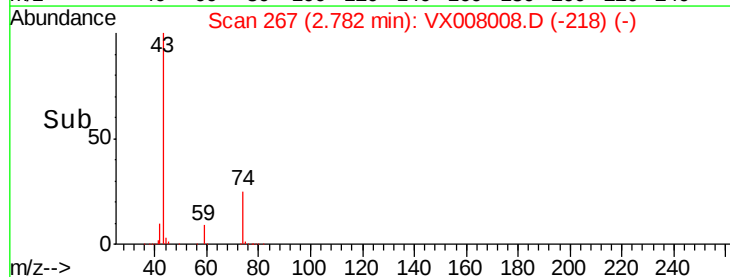
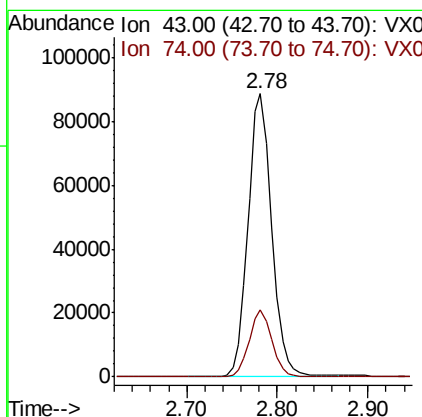
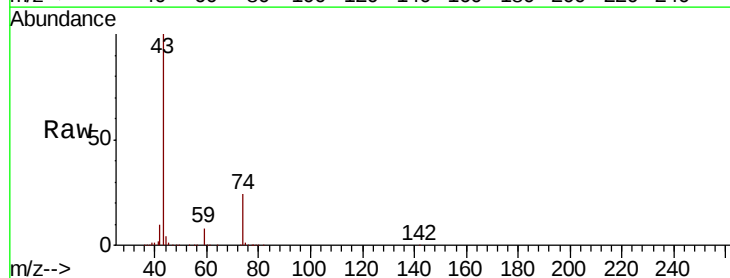
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

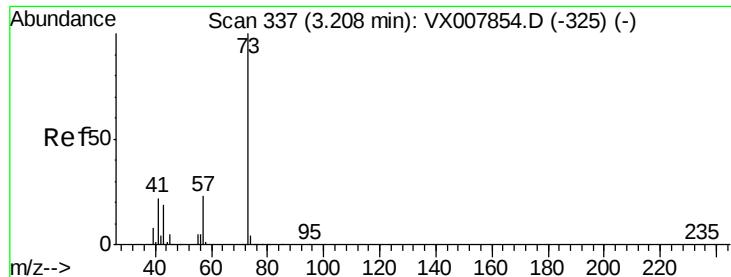
Tgt Ion: 76 Resp: 289963
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 53.824 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 43 Resp: 160345
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 51.574 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

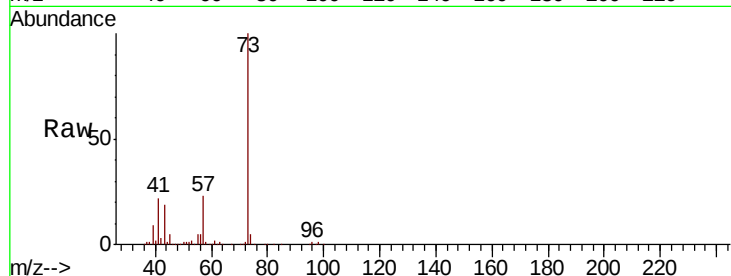
VSTDCCC050EC

Tgt Ion: 73 Resp: 346688

Ion Ratio Lower Upper

73 100

57 22.8 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

150000

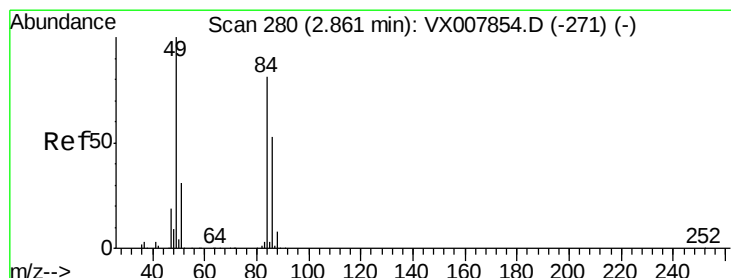
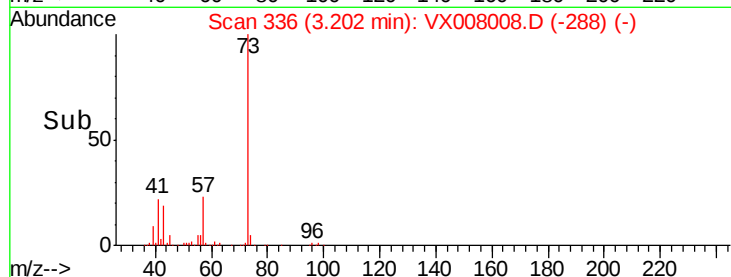
100000

50000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 48.932 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion: 84 Resp: 109203

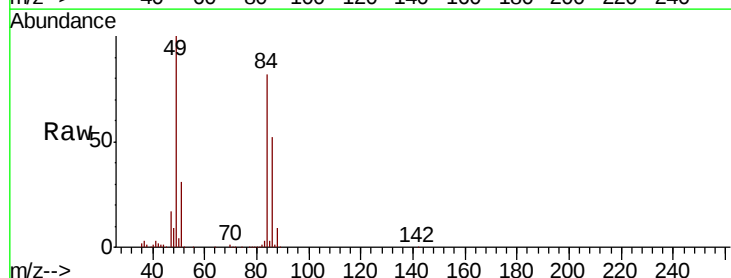
Ion Ratio Lower Upper

84 100

49 122.4 99.3 148.9

51 38.3 31.3 46.9

86 64.2 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

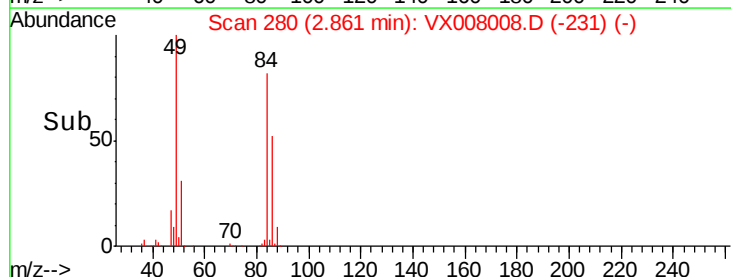
40000

20000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 49.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

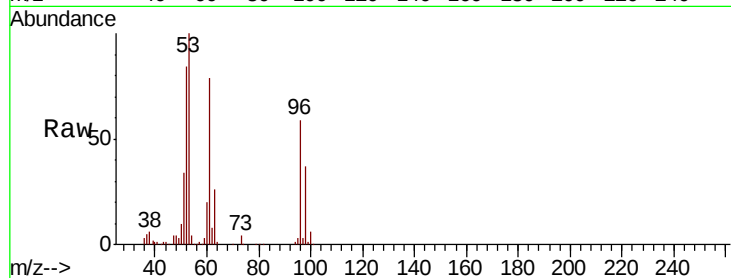
Tgt Ion: 96 Resp: 105806

Ion Ratio Lower Upper

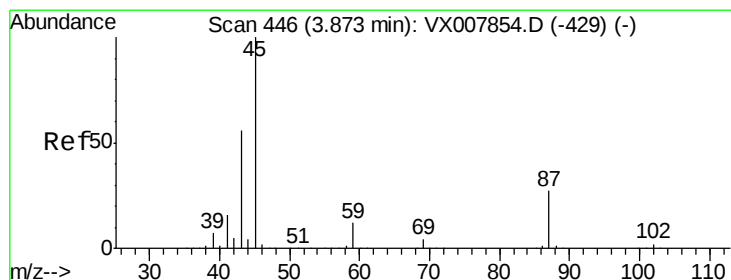
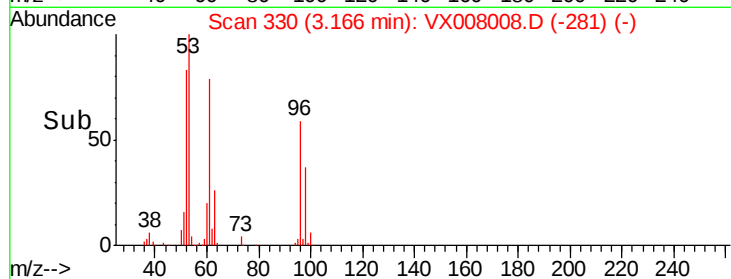
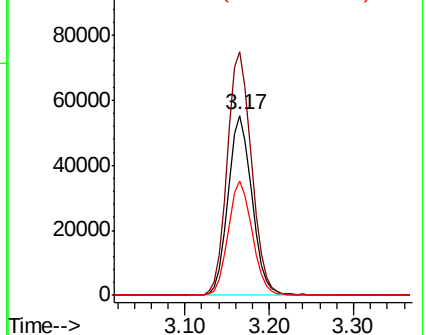
96 100

61 135.4 114.4 171.6

98 63.6 51.1 76.7



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: 48.726 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion: 45 Resp: 366738

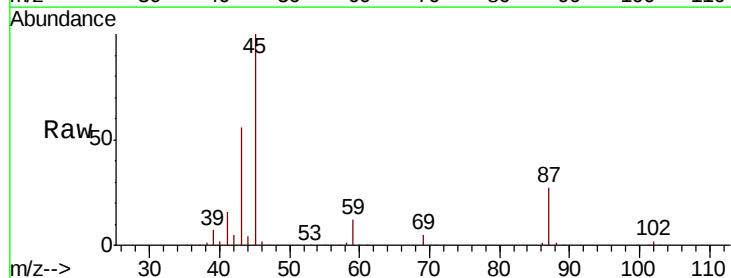
Ion Ratio Lower Upper

45 100

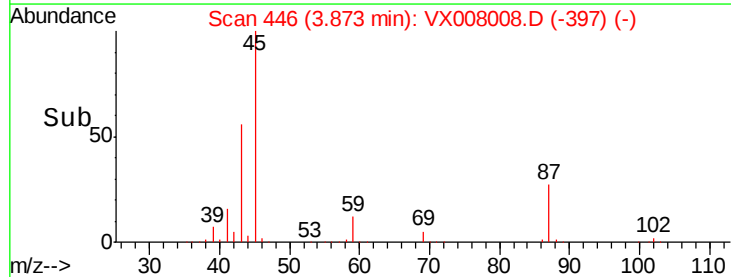
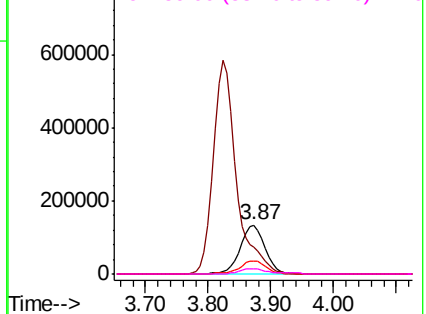
43 55.7 45.3 67.9

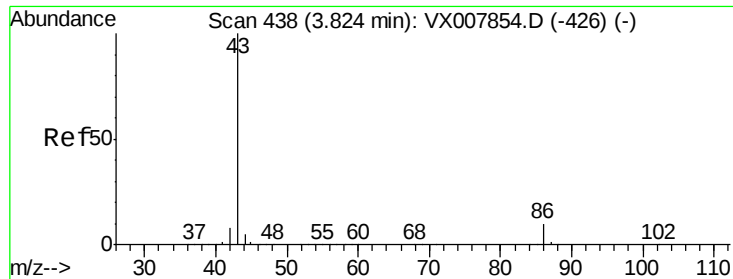
87 27.1 21.4 32.0

59 11.9 9.5 14.3



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: 226.424 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

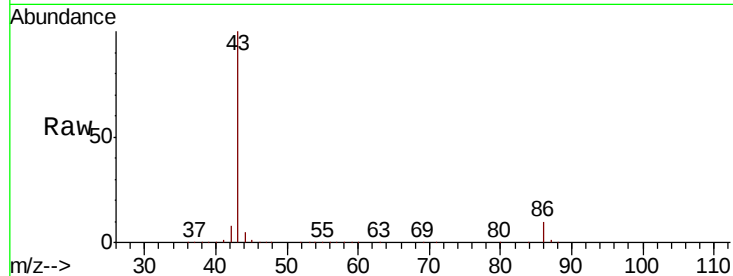
VSTDCCC050EC

Tgt Ion: 43 Resp: 1494453

Ion Ratio Lower Upper

43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX008008.D (-389) (-)

Ion 86.00 (85.70 to 86.70): VX008008.D (-389) (-)

3.82

600000

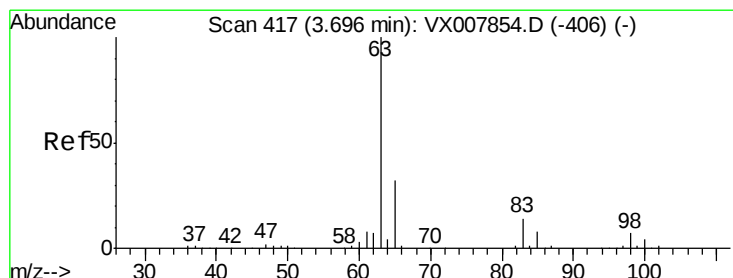
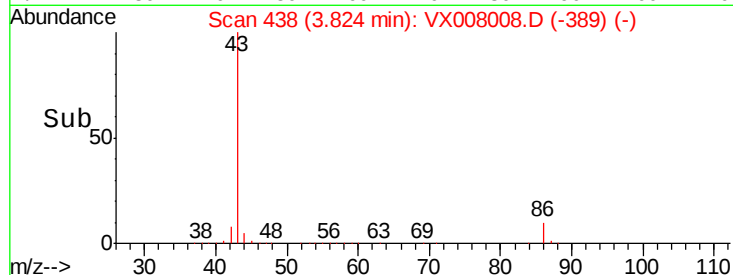
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.178 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

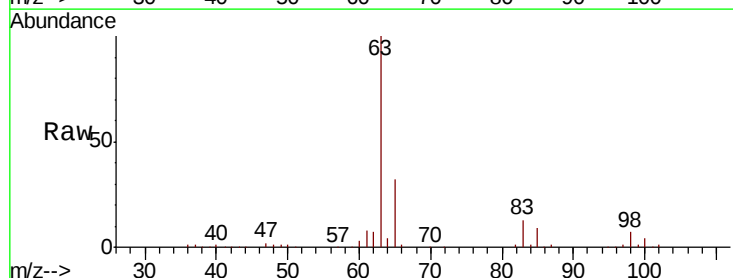
Tgt Ion: 63 Resp: 199190

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX008008.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX008008.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX008008.D (-368) (-)

3.70

100000

80000

60000

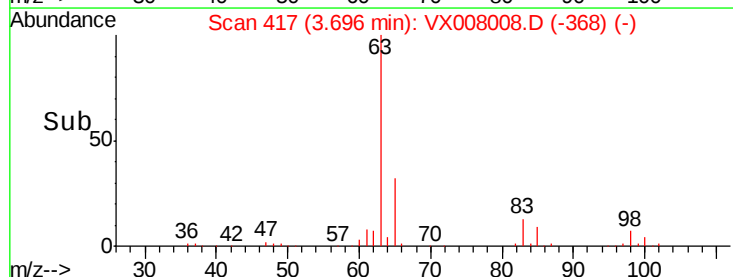
40000

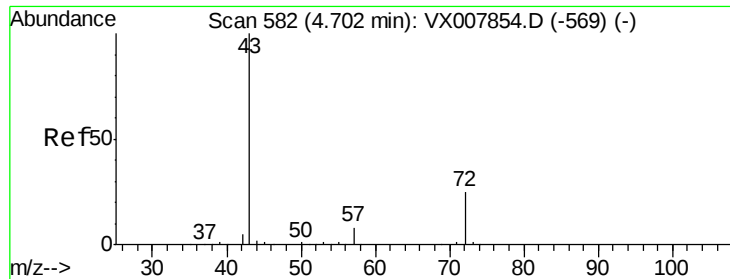
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 225.910 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

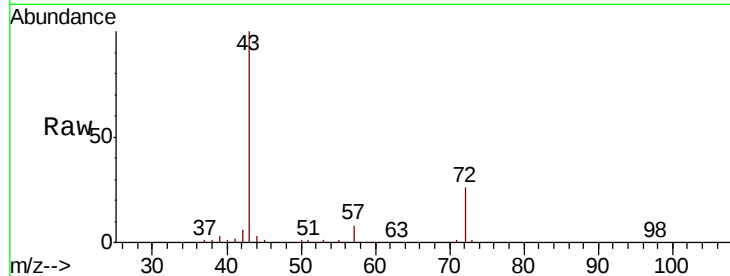
VSTDCCC050EC

Tgt Ion: 43 Resp: 448491

Ion Ratio Lower Upper

43 100

72 26.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

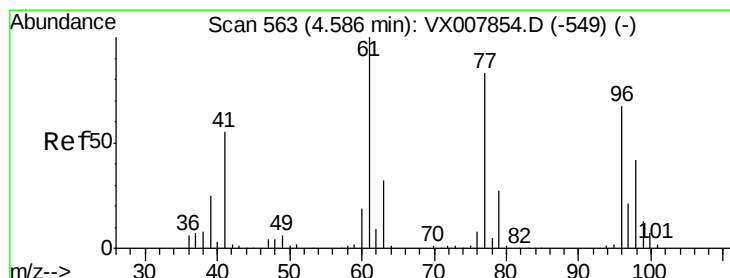
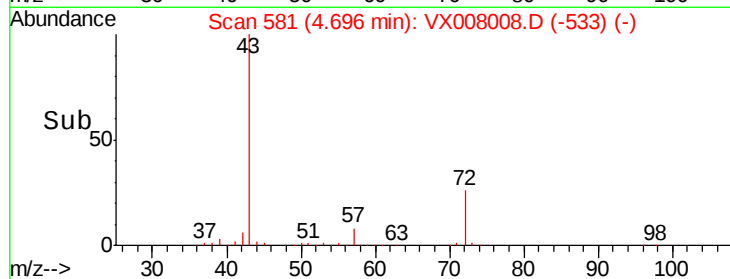
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 30.780 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008008.D

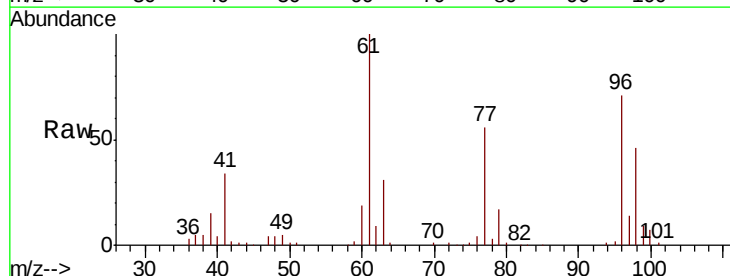
Acq: 12 Mar 2019 11:07

Tgt Ion: 77 Resp: 82596

Ion Ratio Lower Upper

77 100

97 27.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

30000

25000

20000

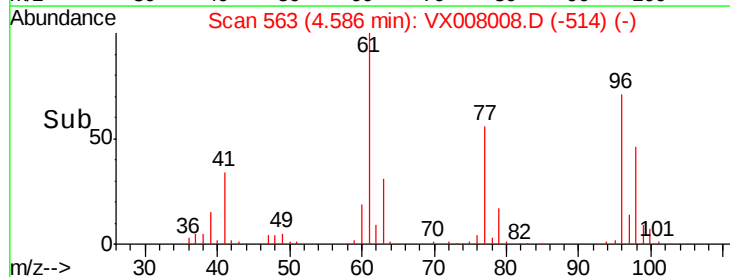
15000

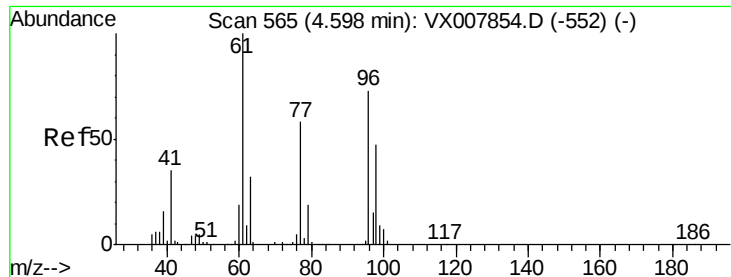
10000

5000

0

Time-->



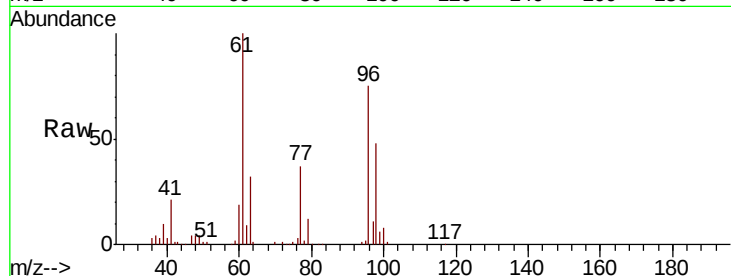


#27

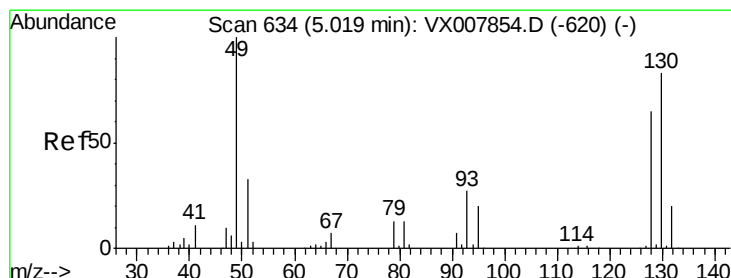
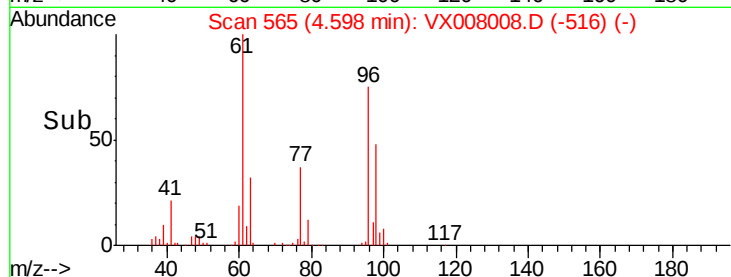
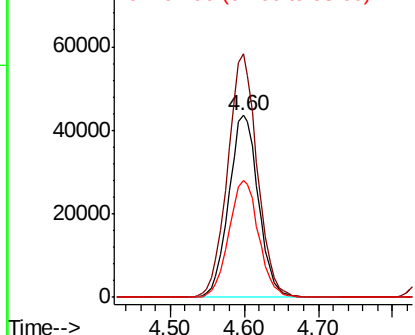
cis-1,2-Dichloroethene
 Concen: 49.322 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 121343
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 288.0
 98 64.6 0.0 129.0



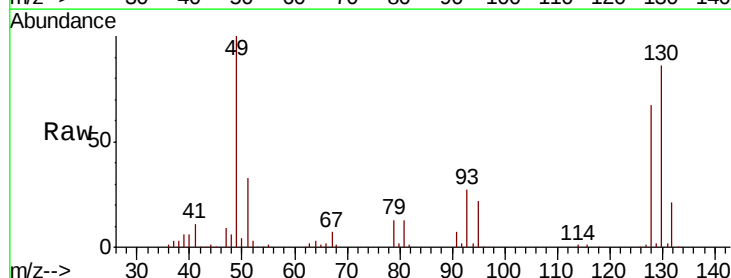
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



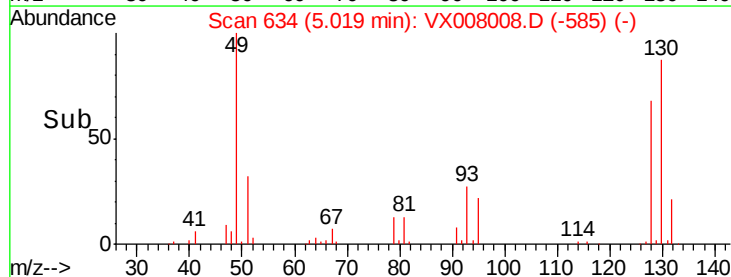
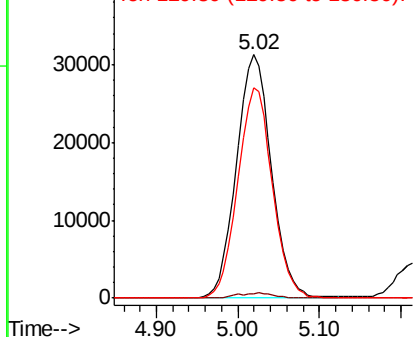
#28

Bromochloromethane
 Concen: 49.313 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 49 Resp: 93120
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 85.3 65.0 97.4



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: 242.540 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

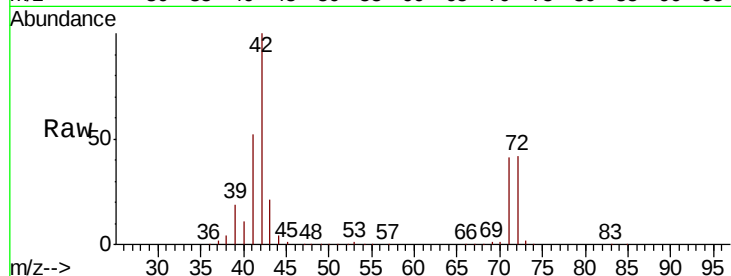
Tgt Ion: 42 Resp: 300346

Ion Ratio Lower Upper

42 100

72 42.8 33.8 50.6

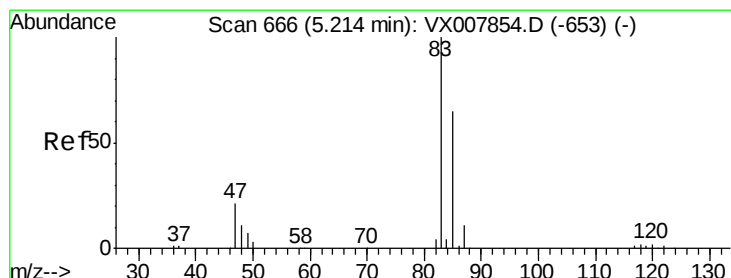
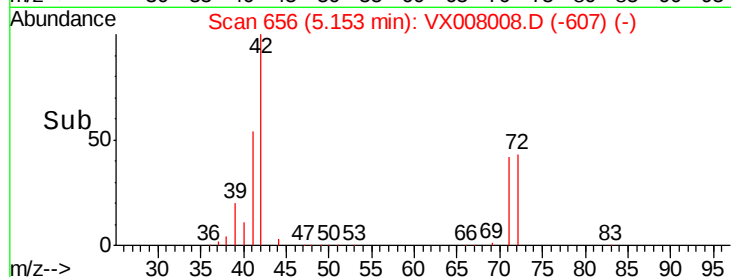
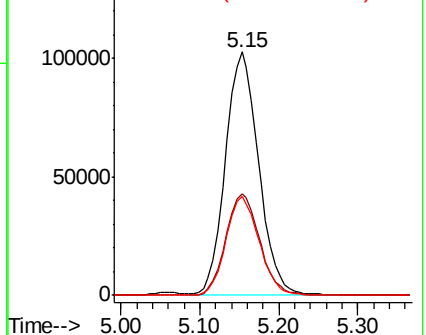
71 40.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.334 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008008.D

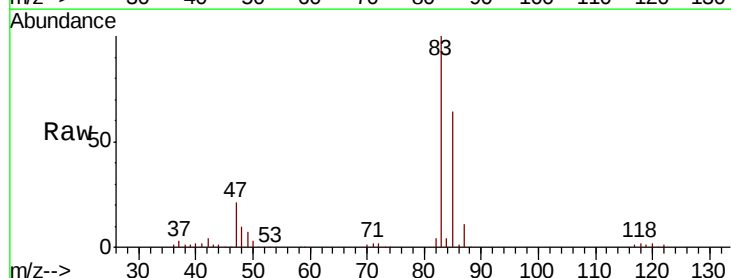
Acq: 12 Mar 2019 11:07

Tgt Ion: 83 Resp: 192851

Ion Ratio Lower Upper

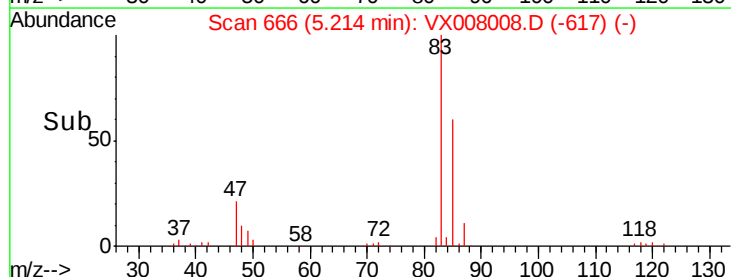
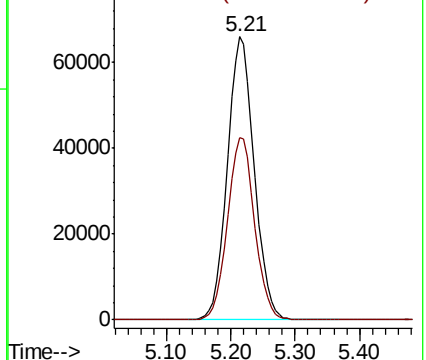
83 100

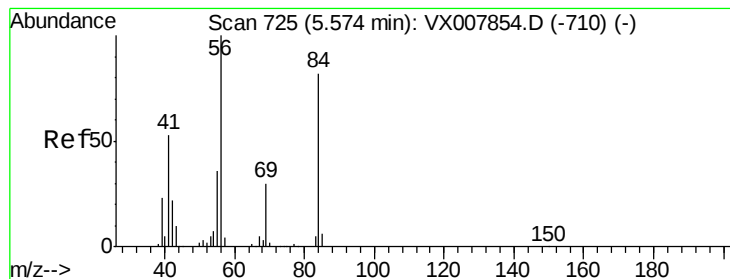
85 64.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.093 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

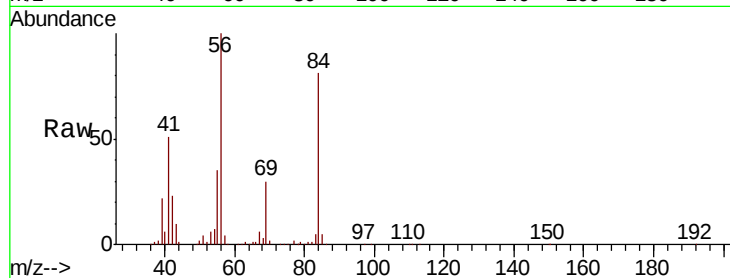
Tgt Ion: 56 Resp: 179033

Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 80.2 65.3 97.9

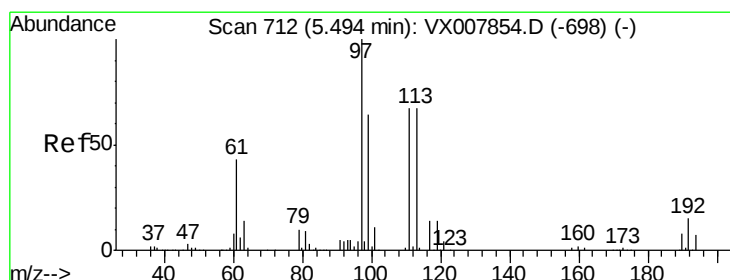
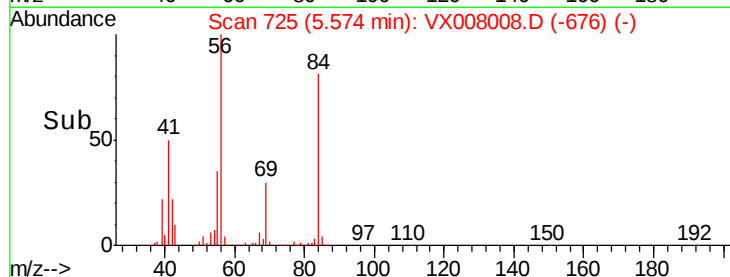
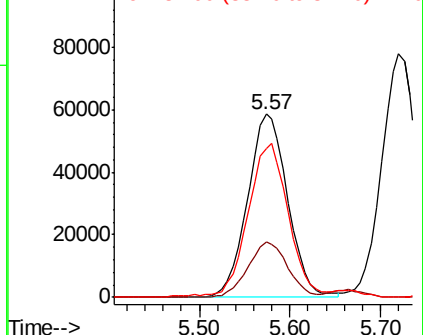


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.426 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

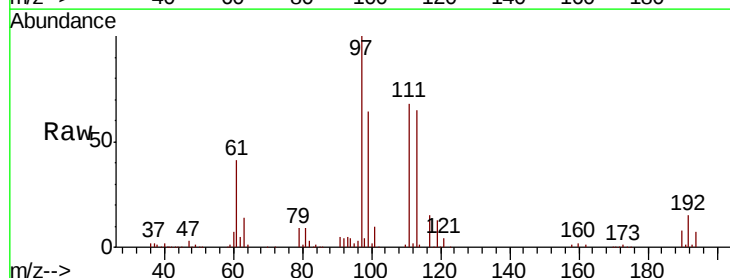
Tgt Ion: 97 Resp: 163483

Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.2

61 41.4 34.9 52.3

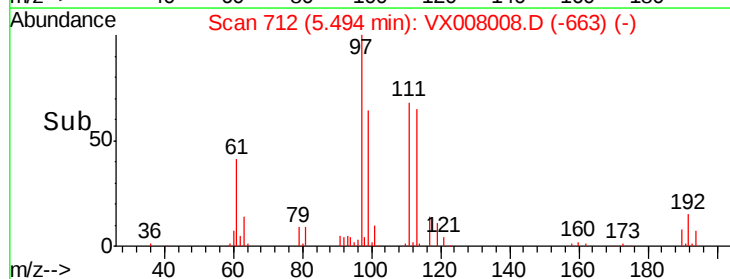
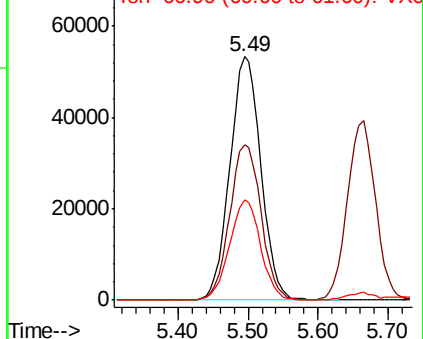


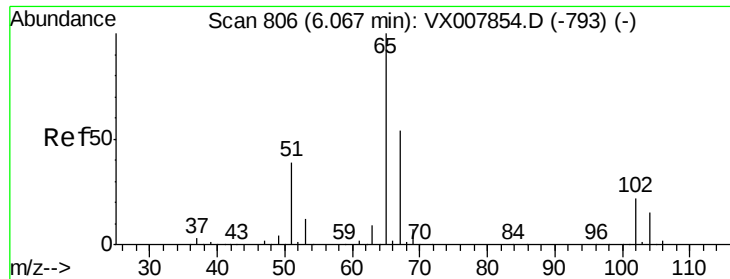
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

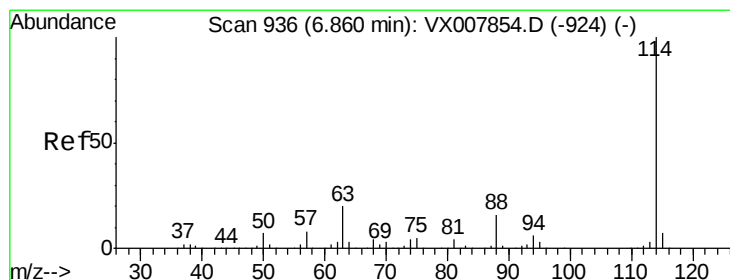
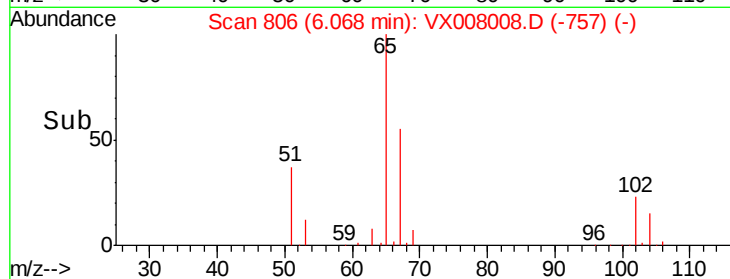
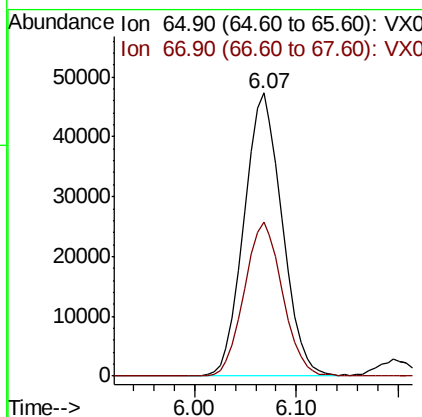
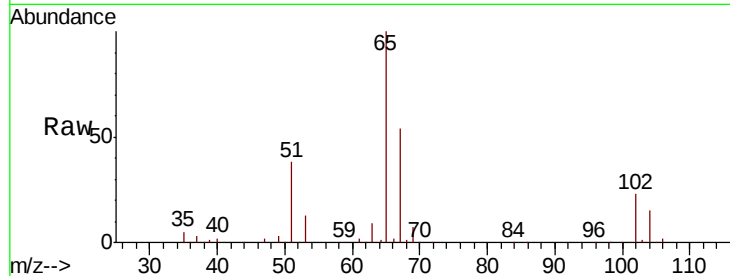




#33
 1,2-Dichloroethane-d4
 Concen: 50.648 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

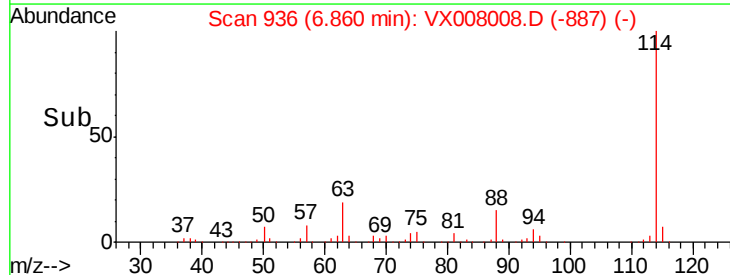
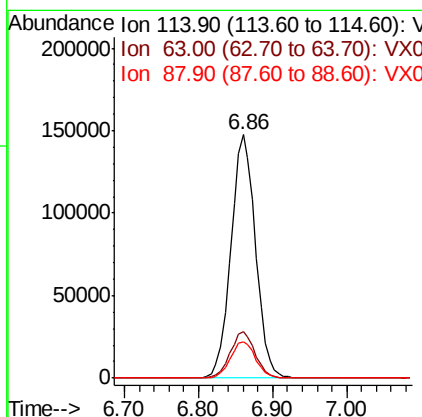
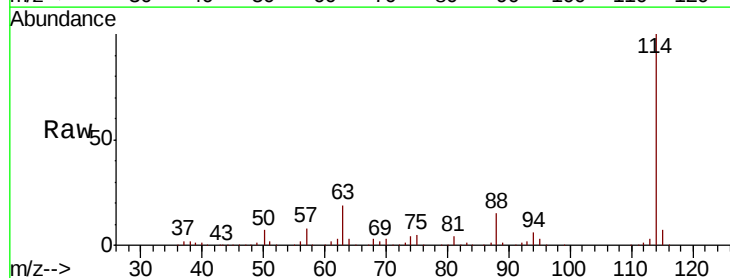
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

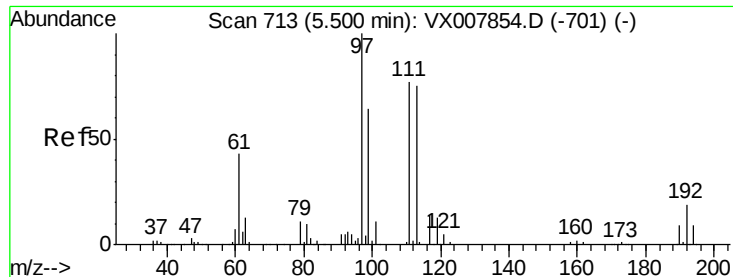
Tgt Ion: 65 Resp: 122706
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 114 Resp: 340104
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.708 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

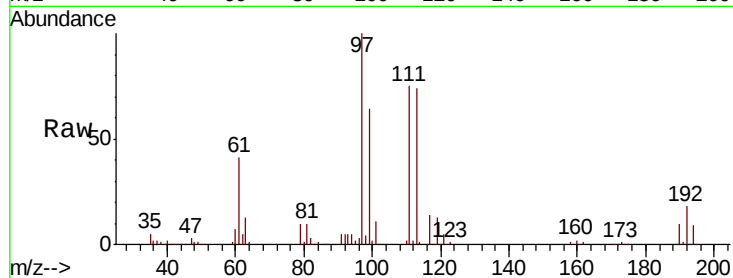
Tgt Ion:113 Resp: 110318

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

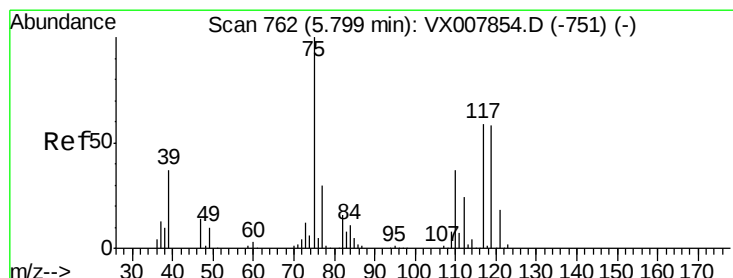
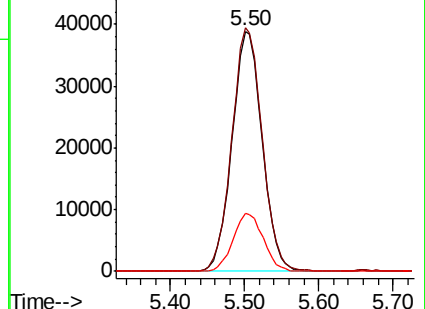
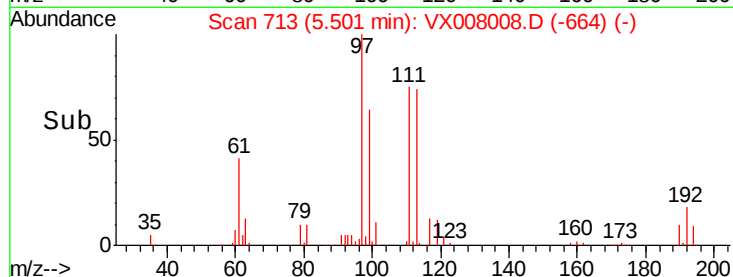
192 24.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.105 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

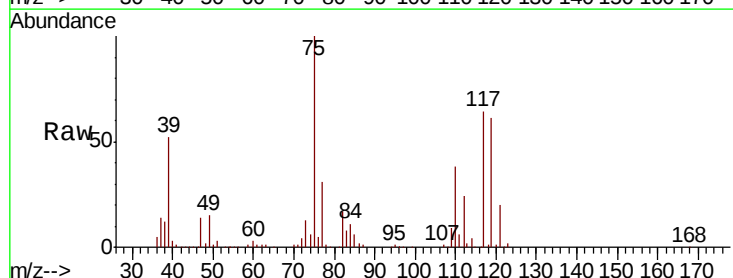
Tgt Ion: 75 Resp: 145064

Ion Ratio Lower Upper

75 100

110 37.5 18.4 55.0

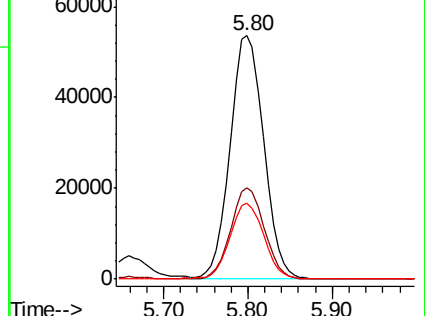
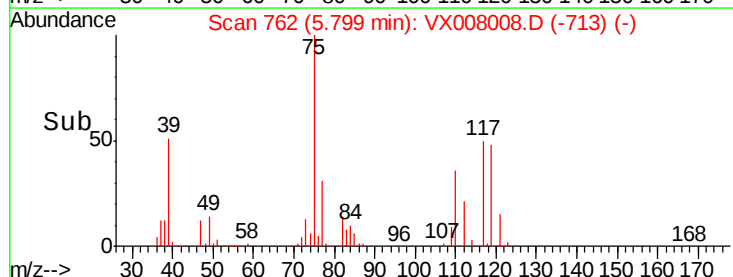
77 31.9 25.0 37.4

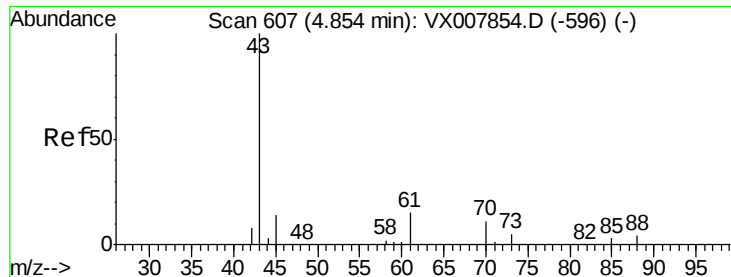


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.280 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

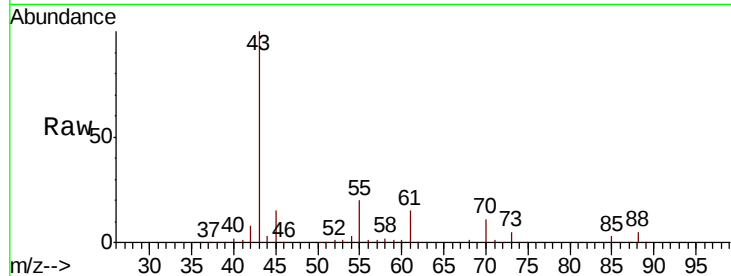
Tgt Ion: 43 Resp: 169130

Ion Ratio Lower Upper

43 100

61 14.7 11.3 16.9

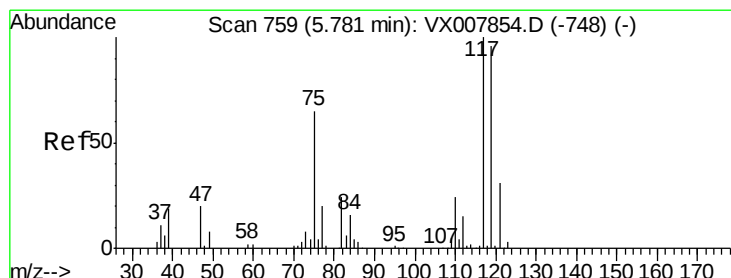
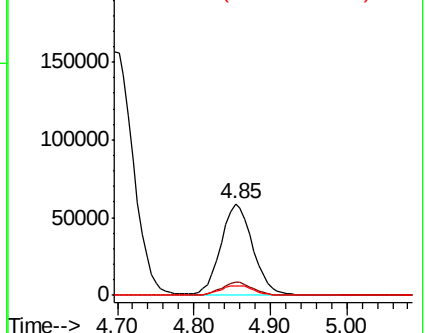
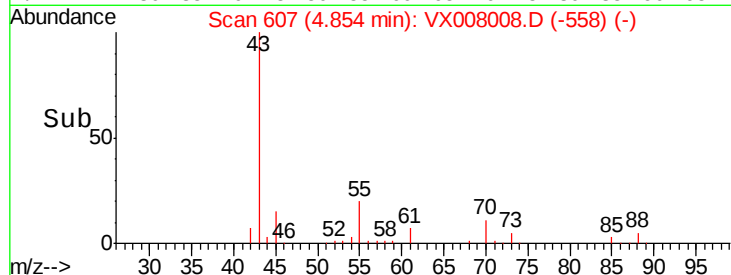
70 11.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.346 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

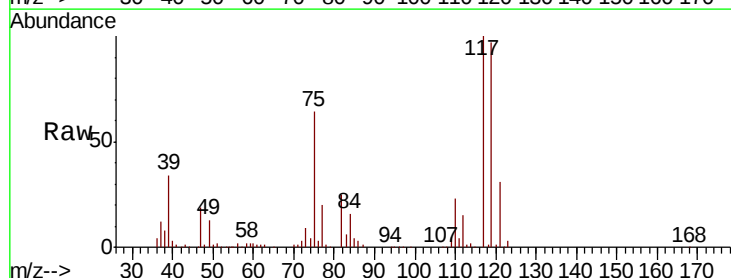
Tgt Ion: 117 Resp: 144269

Ion Ratio Lower Upper

117 100

119 97.2 76.2 114.2

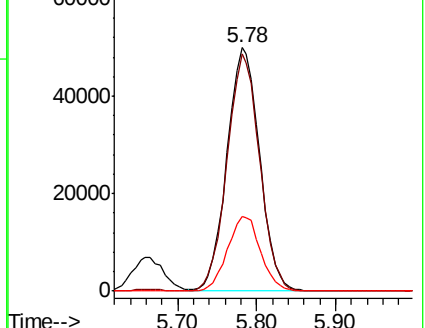
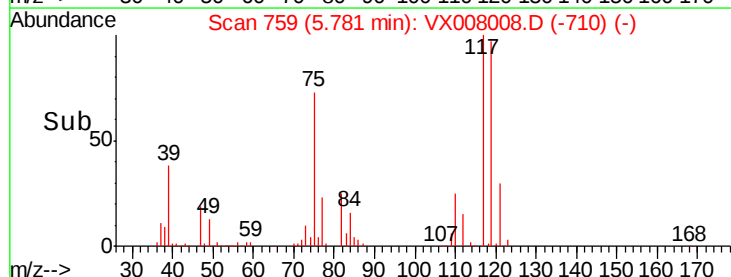
121 30.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

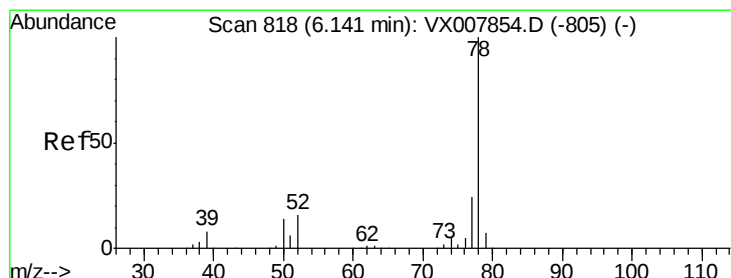
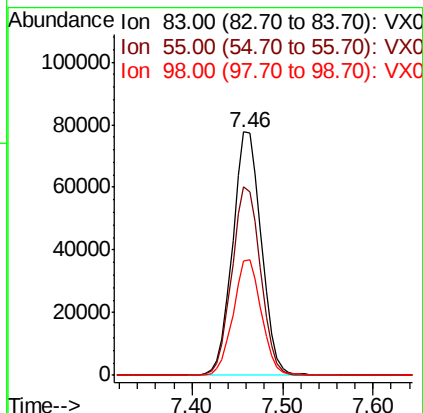
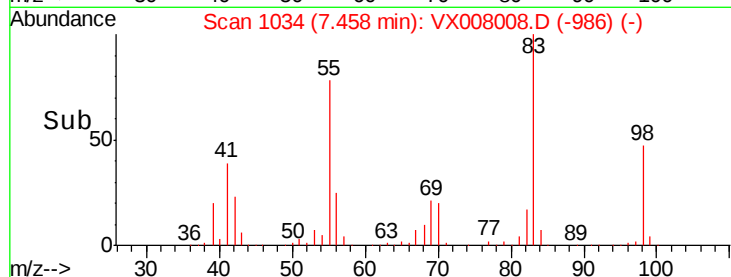
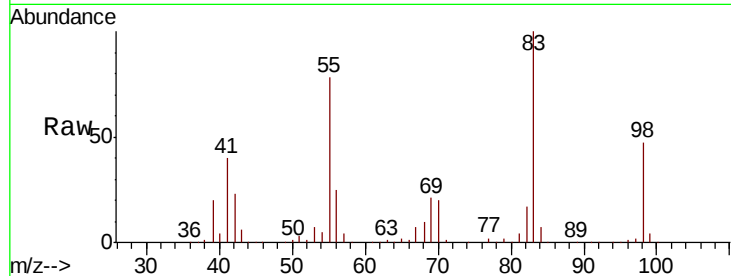




#39
Methylcyclohexane
Concen: 45.751 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

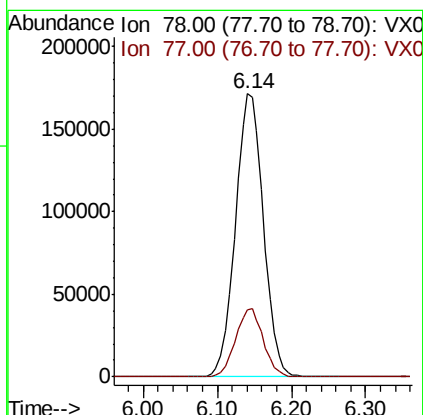
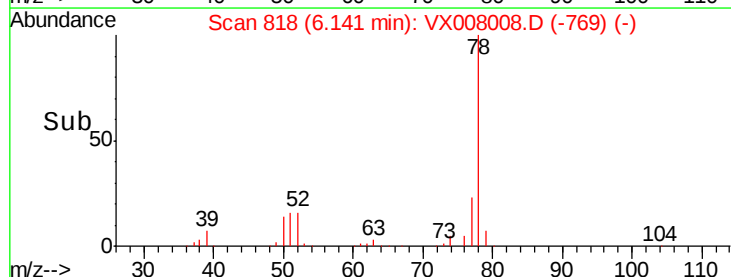
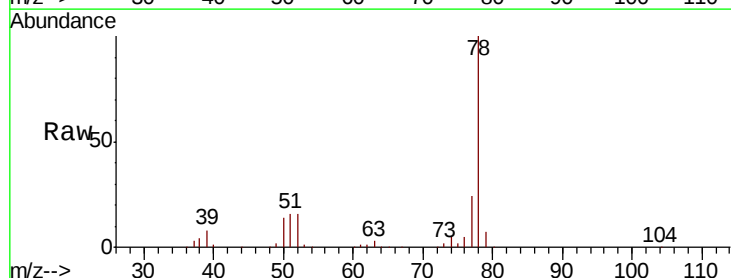
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 170725
Ion Ratio Lower Upper
83 100
55 77.6 60.4 90.6
98 46.9 36.5 54.7



#40
Benzene
Concen: 49.258 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 78 Resp: 451597
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

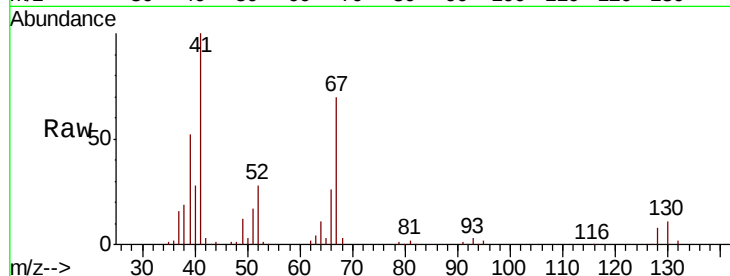




#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	95619
Ion	Ratio	Lower	Upper
41	100		
39	52.6	41.6	62.4
67	71.4	55.8	83.6
52	28.0	21.7	32.5



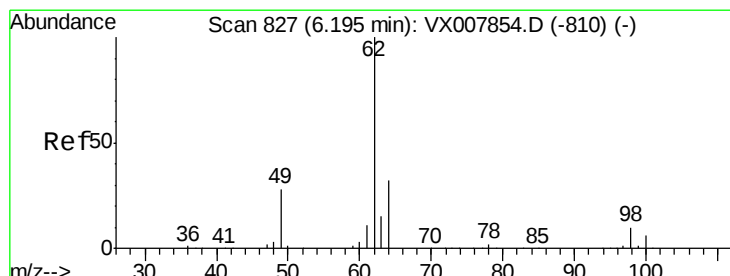
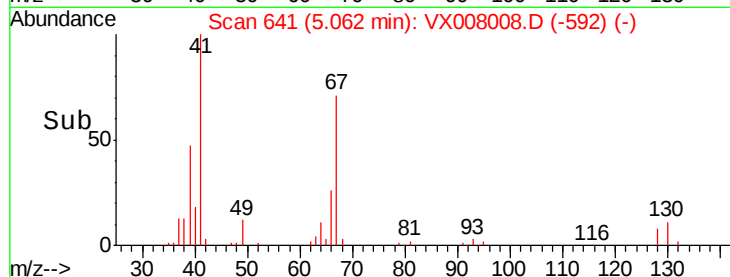
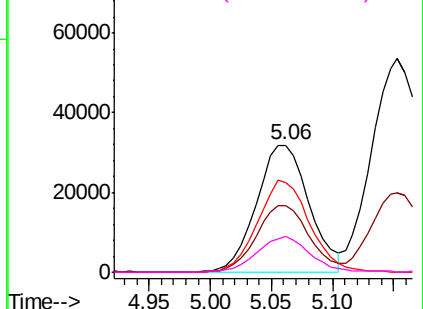
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

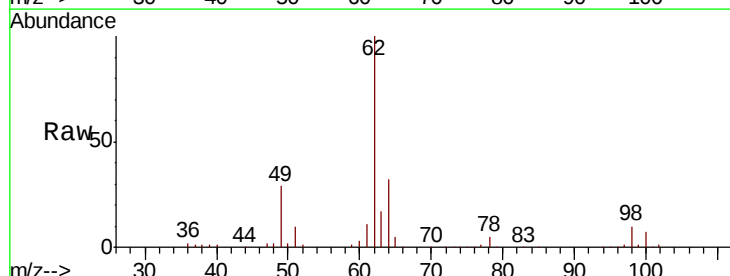
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.744 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

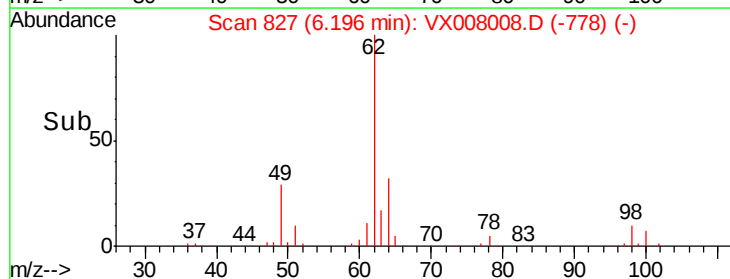
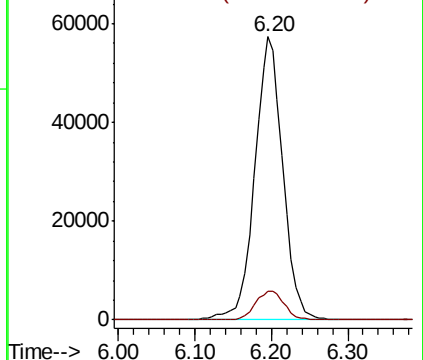
Tgt Ion:	62	Resp:	146146
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4

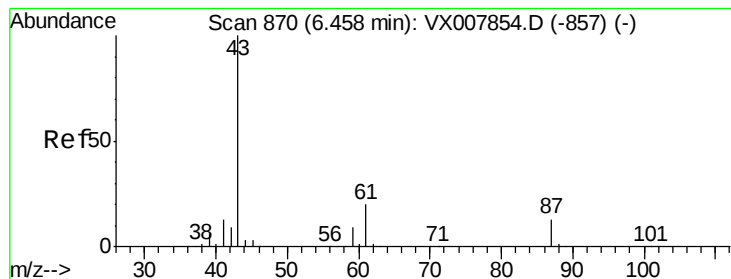


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.661 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

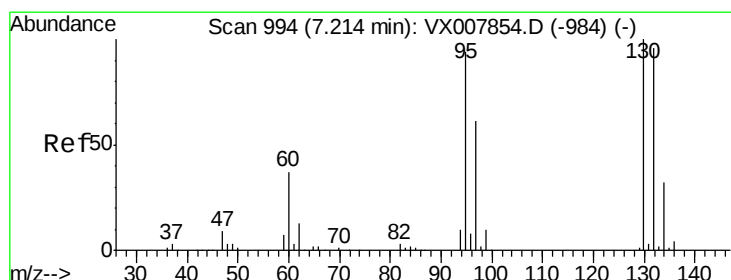
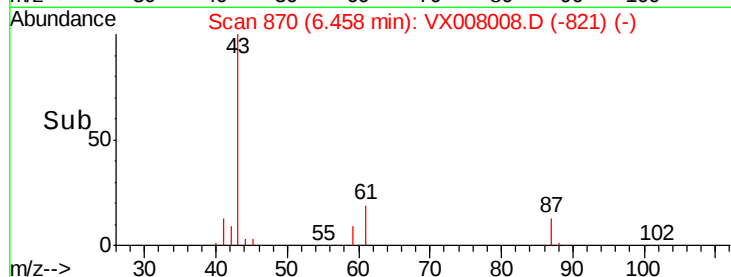
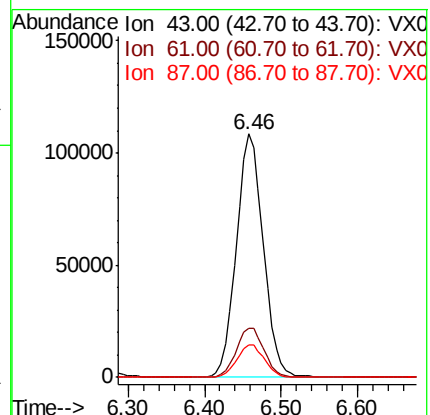
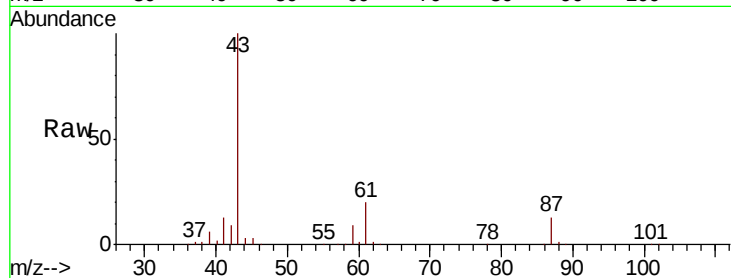
Tgt Ion: 43 Resp: 263183

Ion Ratio Lower Upper

43 100

61 21.1 16.3 24.5

87 13.7 10.5 15.7



#44

Trichloroethene

Concen: 49.274 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008008.D

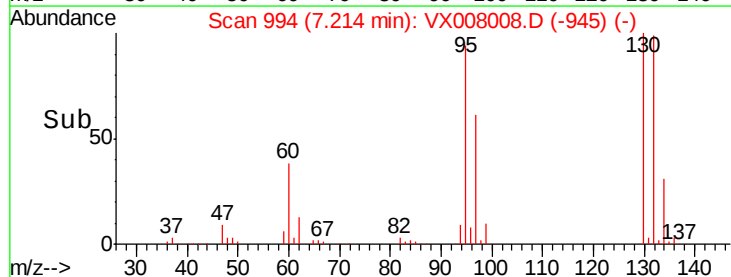
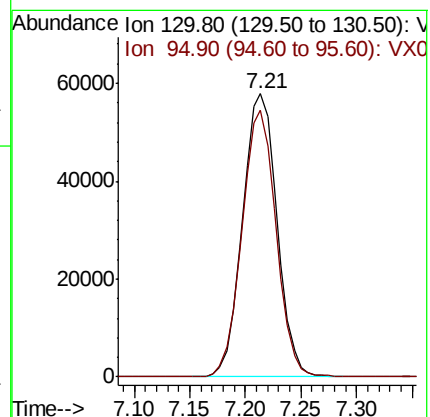
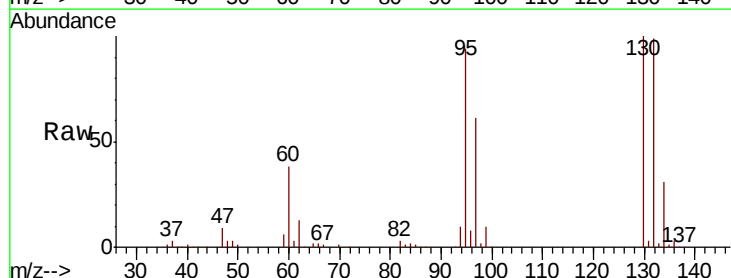
Acq: 12 Mar 2019 11:07

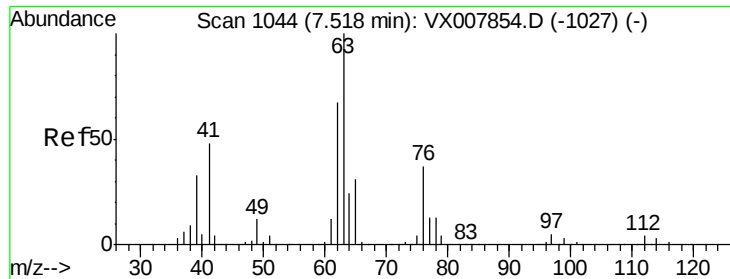
Tgt Ion: 130 Resp: 124492

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.0

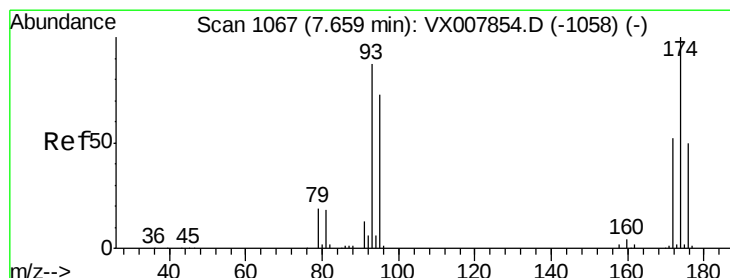
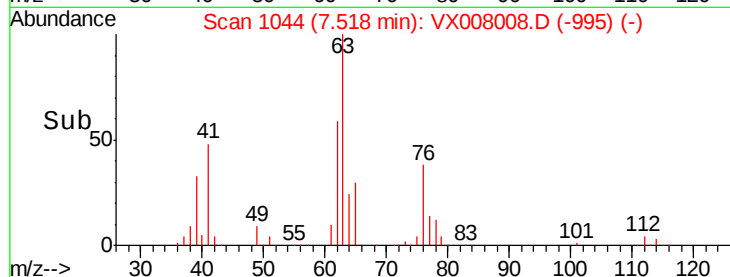
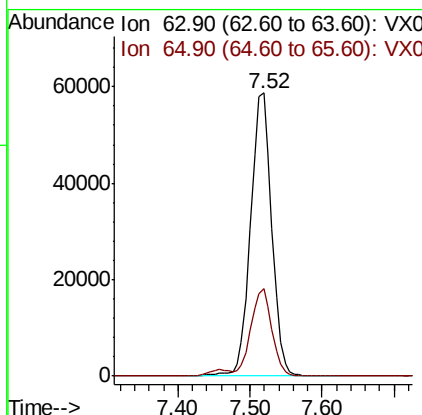
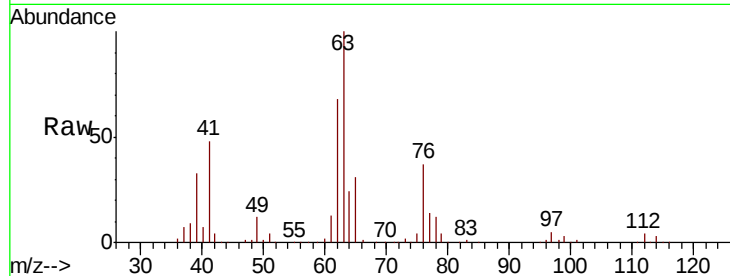




#45
 1,2-Dichloropropane
 Concen: 49.519 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

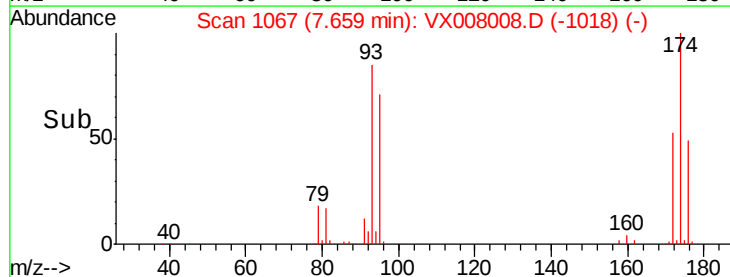
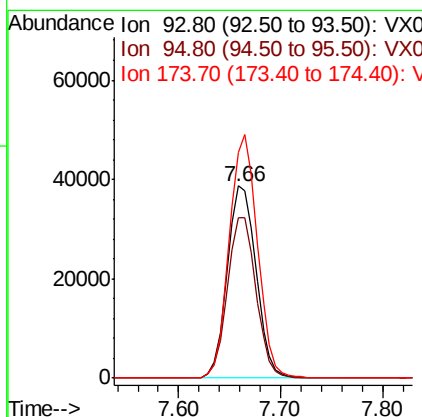
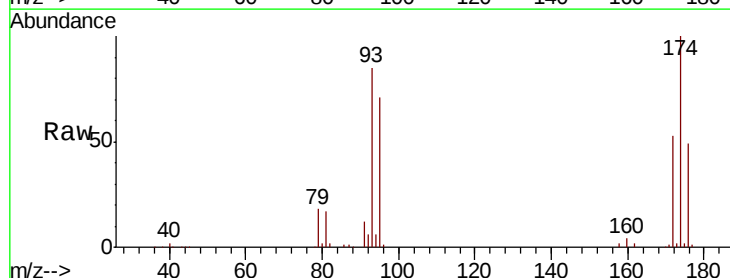
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

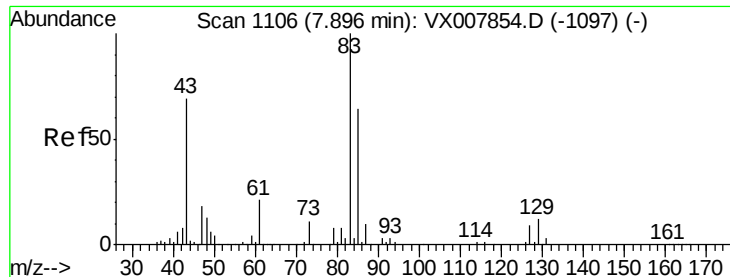
Tgt Ion: 63 Resp: 119907
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.358 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 93 Resp: 75637
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 123.8 97.3 145.9





#47

Bromodichloromethane

Concen: 49.541 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

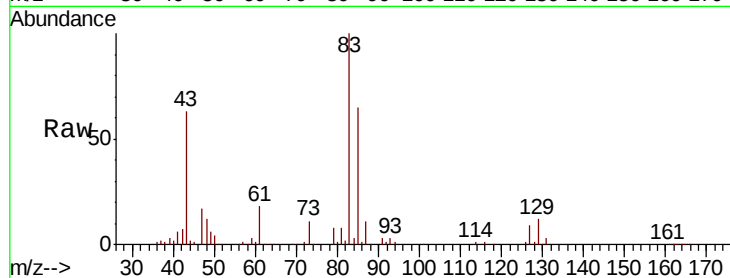
Tgt Ion: 83 Resp: 143937

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

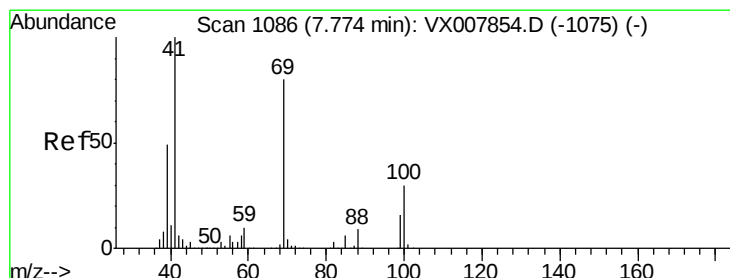
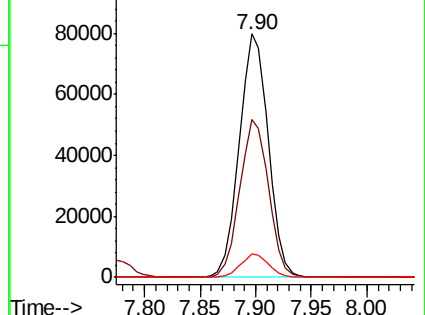
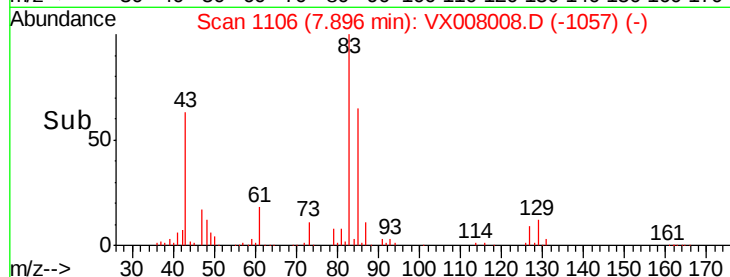
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.946 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

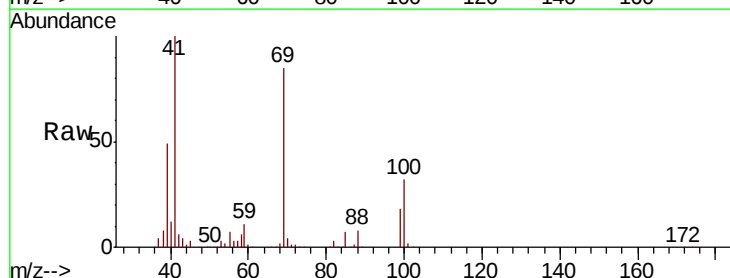
Tgt Ion: 41 Resp: 139182

Ion Ratio Lower Upper

41 100

69 83.6 65.2 97.8

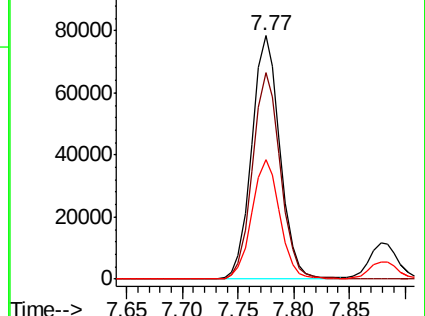
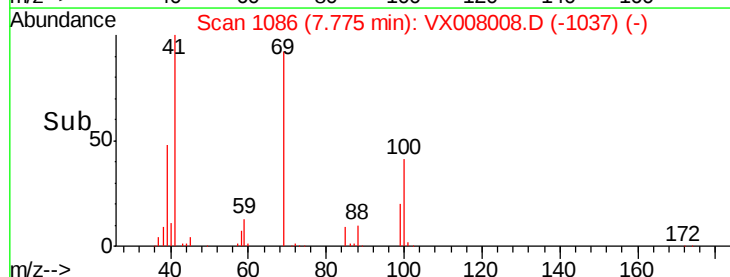
39 48.9 39.4 59.2

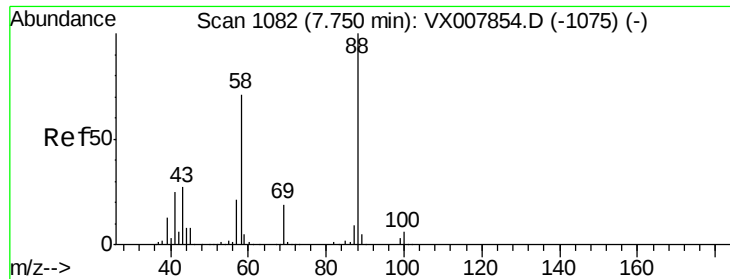


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

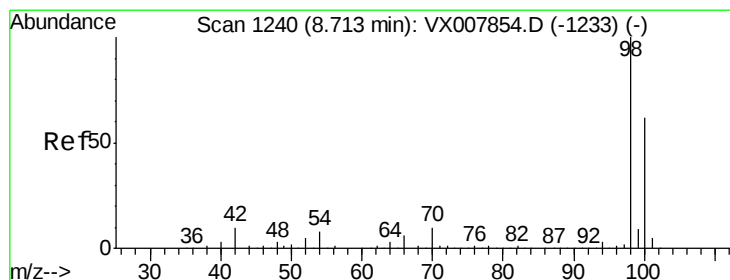
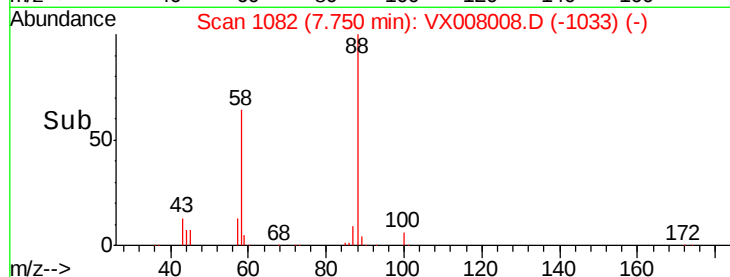
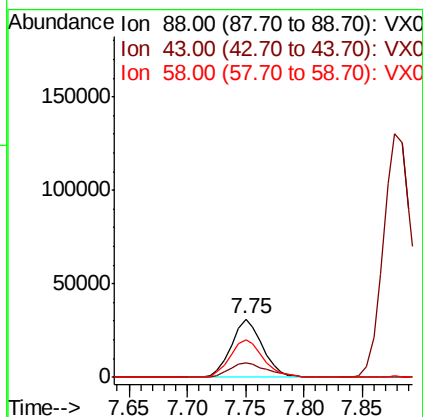
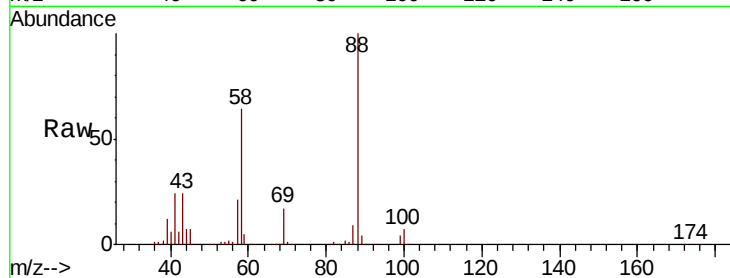




#49
1,4-Dioxane
Concen: 986.413 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

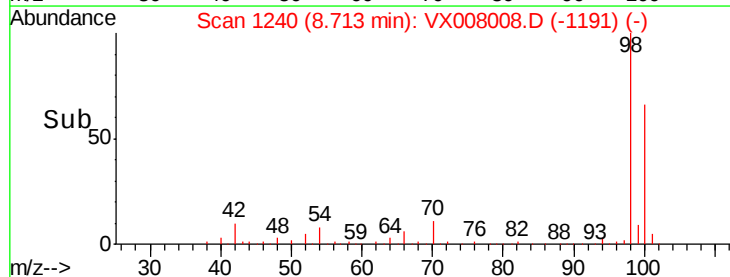
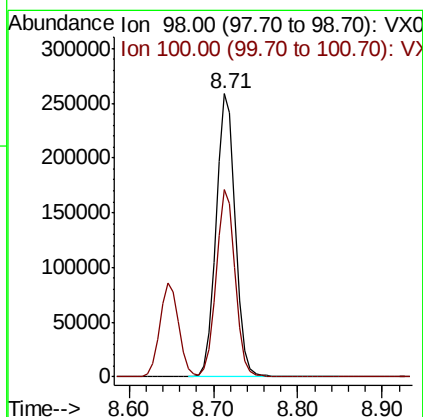
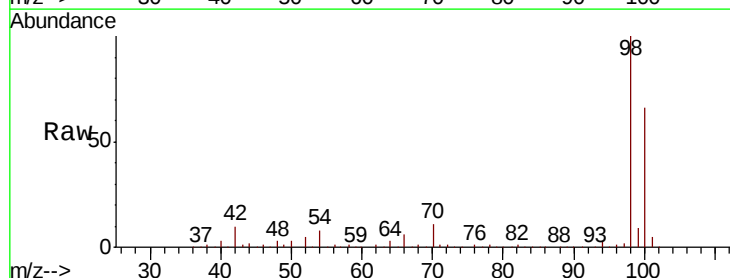
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 57620
Ion Ratio Lower Upper
88 100
43 30.4 25.1 37.7
58 70.1 57.8 86.6



#50
Toluene-d8
Concen: 51.156 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 98 Resp: 408724
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 244.427 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

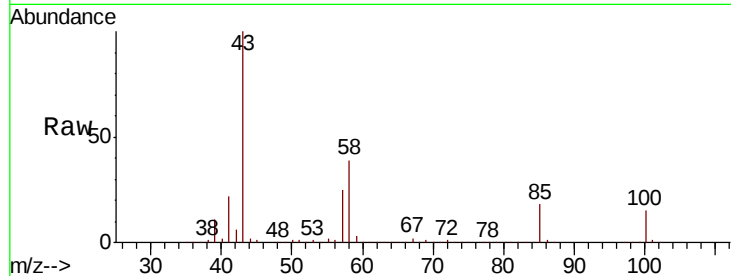
VSTDCCC050EC

Tgt Ion: 43 Resp: 850179

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

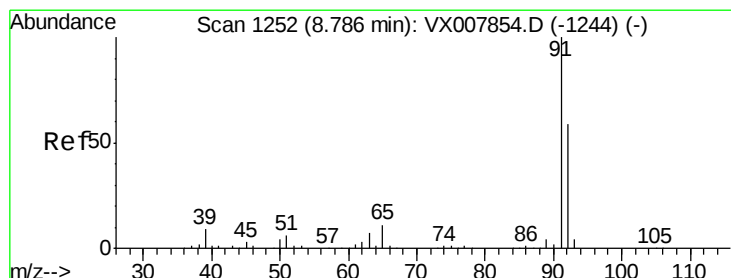
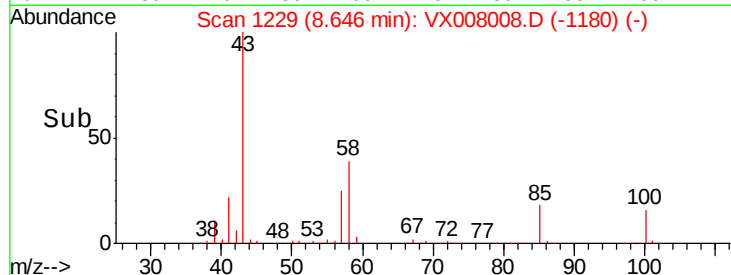
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.500 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008008.D

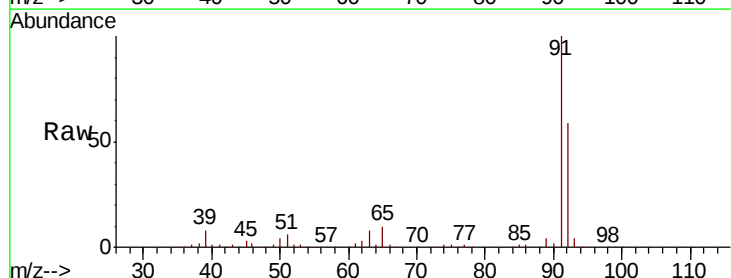
Acq: 12 Mar 2019 11:07

Tgt Ion: 92 Resp: 282665

Ion Ratio Lower Upper

92 100

91 171.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

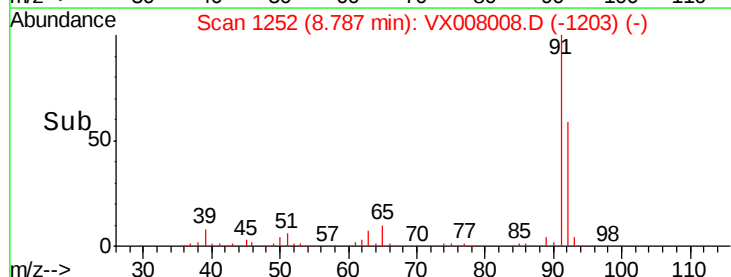
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.849 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

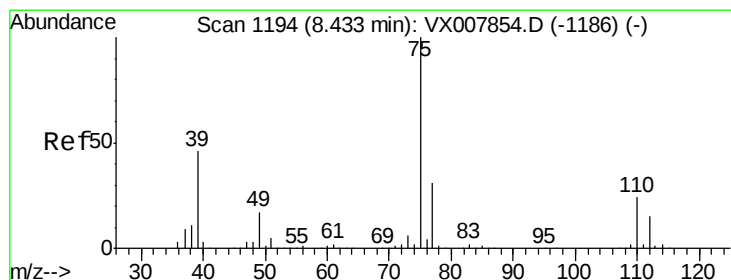
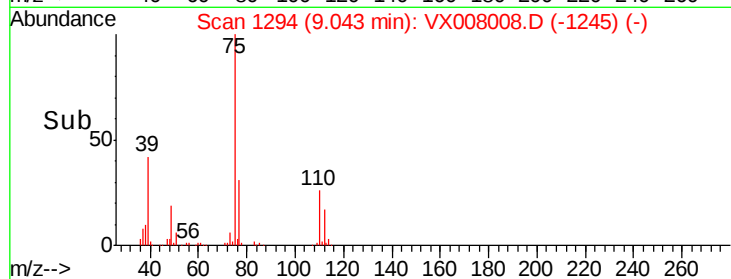
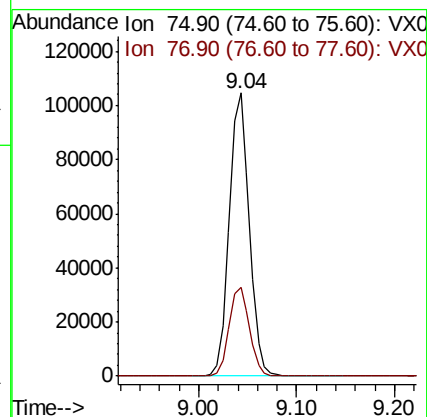
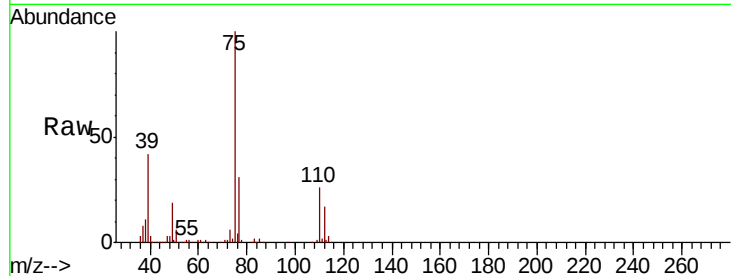
VSTDCCC050EC

Tgt Ion: 75 Resp: 148134

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 48.183 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

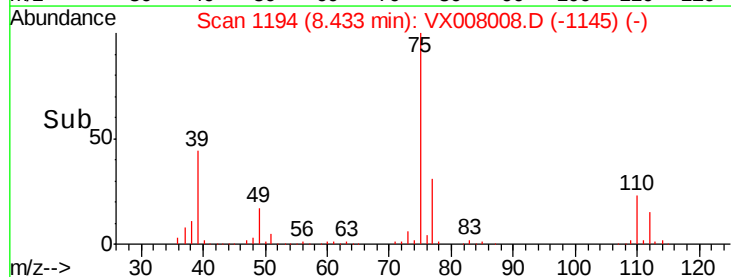
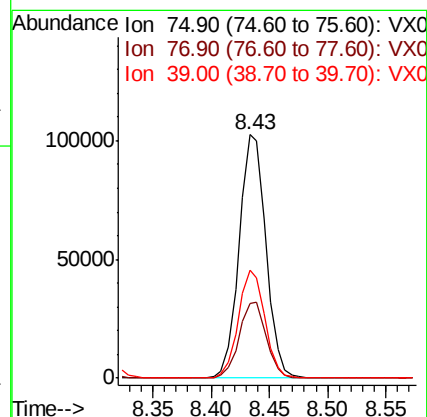
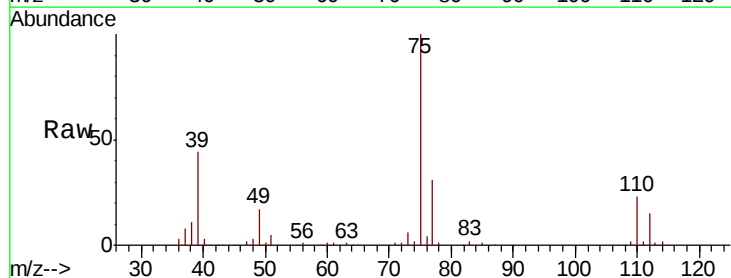
Tgt Ion: 75 Resp: 165001

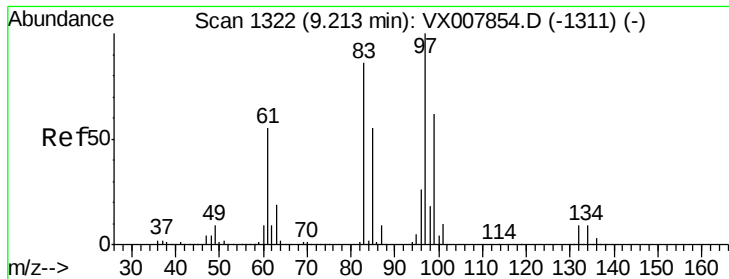
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 44.4 36.6 54.8

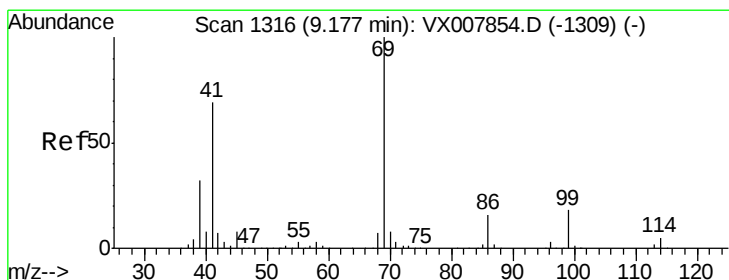
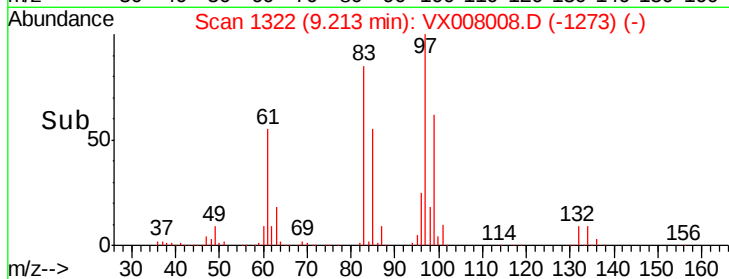
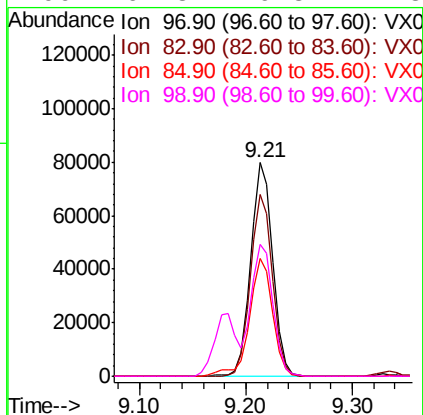
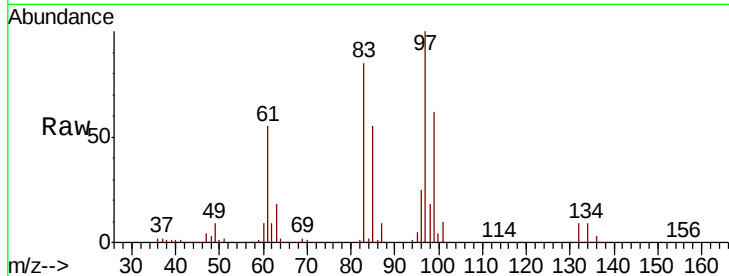




#55
 1,1,2-Trichloroethane
 Concen: 51.099 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

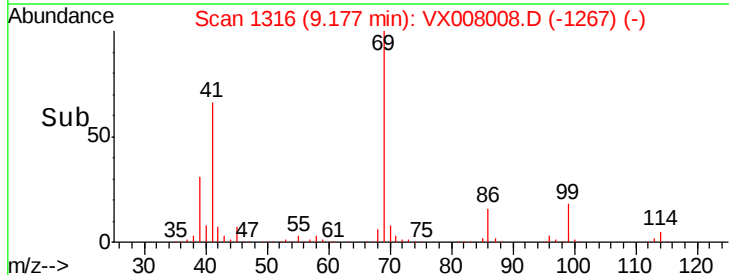
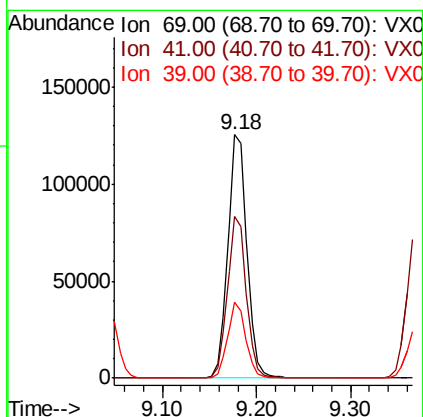
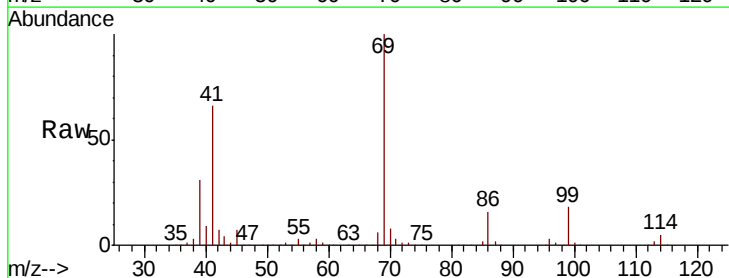
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

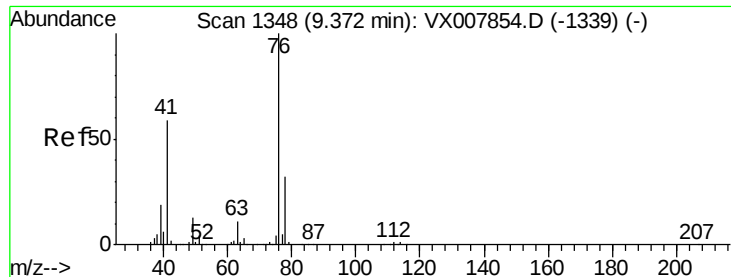
Tgt Ion: 97 Resp: 115782
 Ion Ratio Lower Upper
 97 100
 83 85.2 69.1 103.7
 85 55.4 44.3 66.5
 99 61.8 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 51.819 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 69 Resp: 176290
 Ion Ratio Lower Upper
 69 100
 41 65.4 54.2 81.4
 39 29.9 25.0 37.4





#57

1,3-Dichloropropane

Concen: 50.207 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

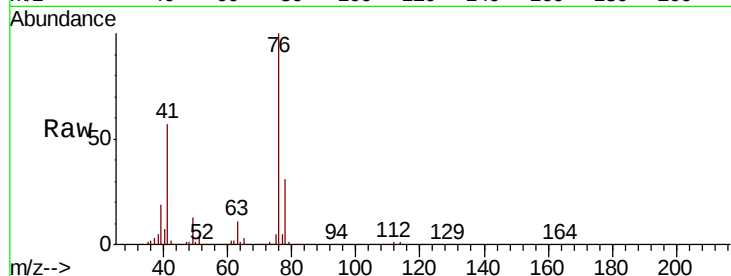
VSTDCCC050EC

Tgt Ion: 76 Resp: 191013

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

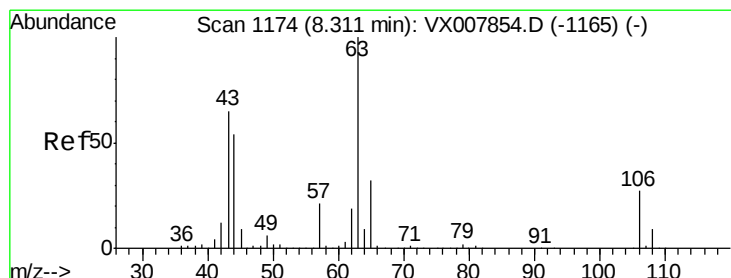
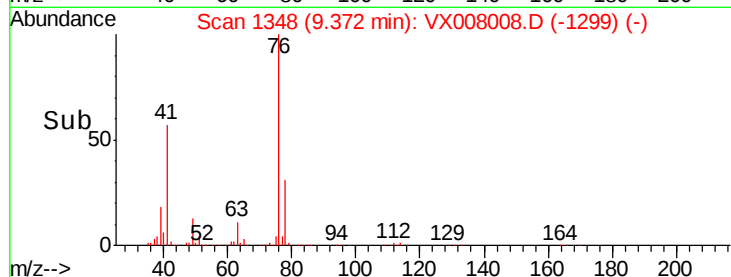
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 265.030 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008008.D

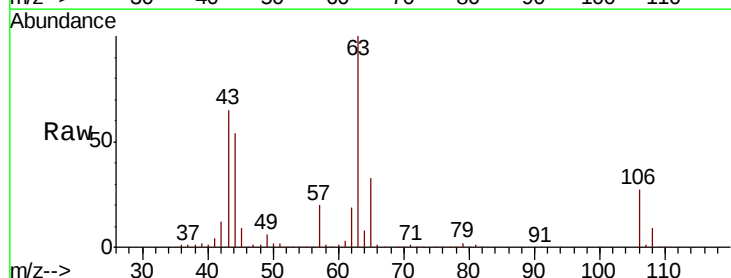
Acq: 12 Mar 2019 11:07

Tgt Ion: 63 Resp: 466404

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

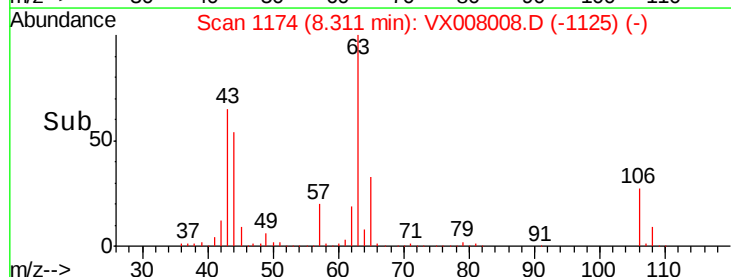
200000

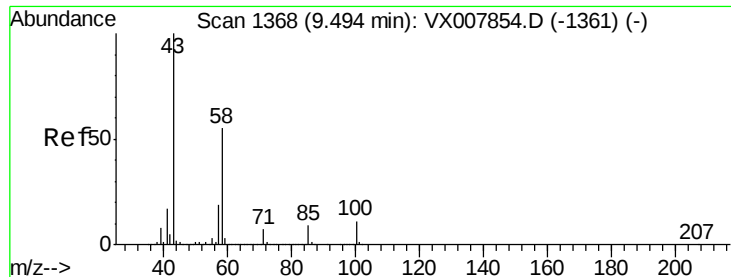
100000

0

Time-->

8.20 8.30 8.40

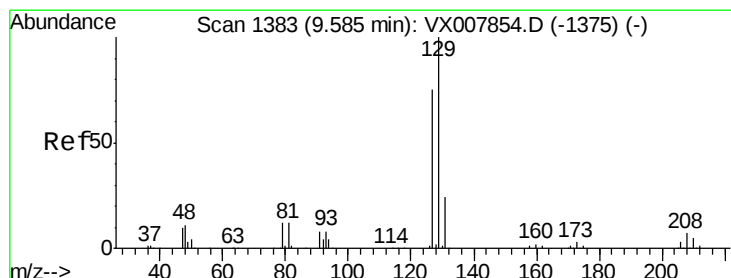
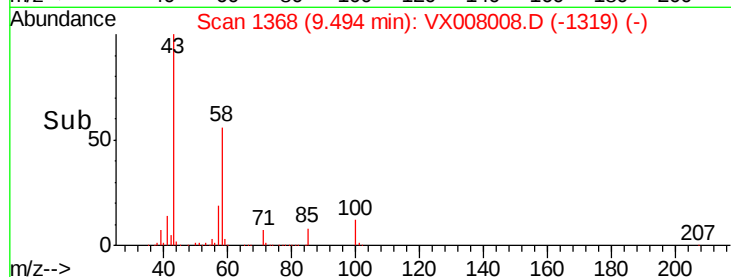
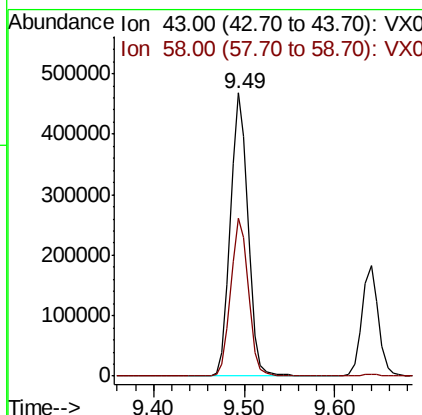
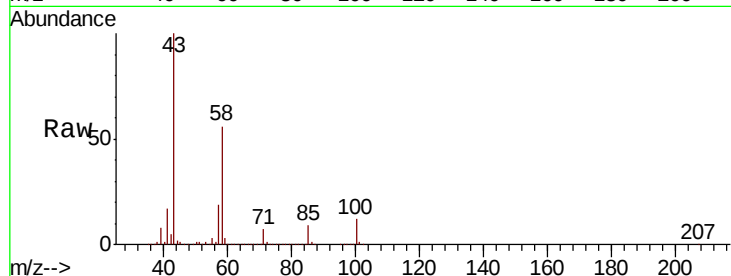




#59
2-Hexanone
Concen: 233.583 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

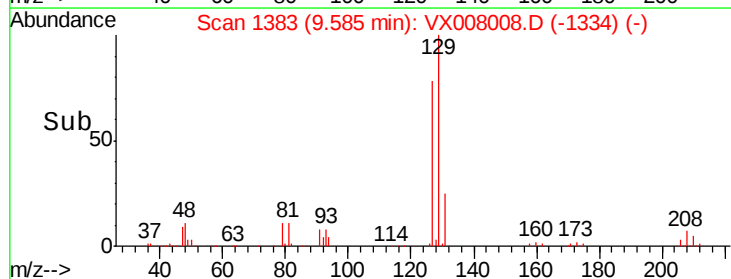
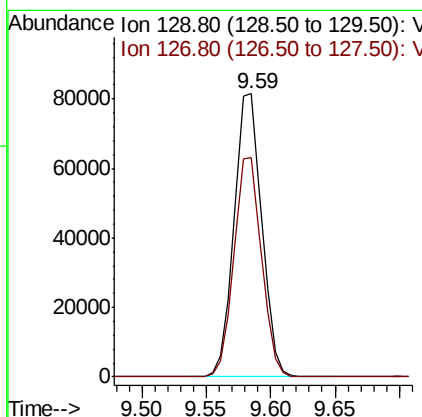
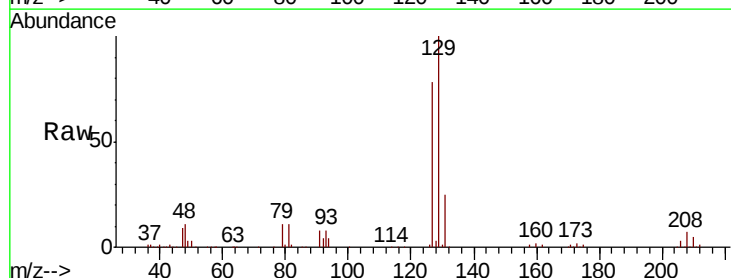
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

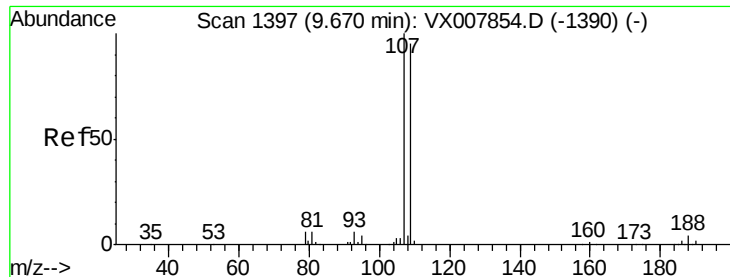
Tgt Ion: 43 Resp: 630777
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.7



#60
Dibromochloromethane
Concen: 51.509 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 129 Resp: 121992
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.129 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

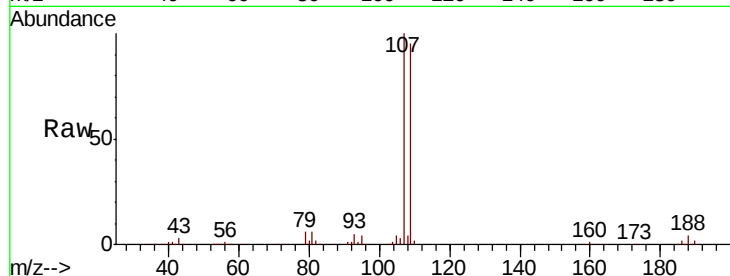
VSTDCCC050EC

Tgt Ion: 107 Resp: 123002

Ion Ratio Lower Upper

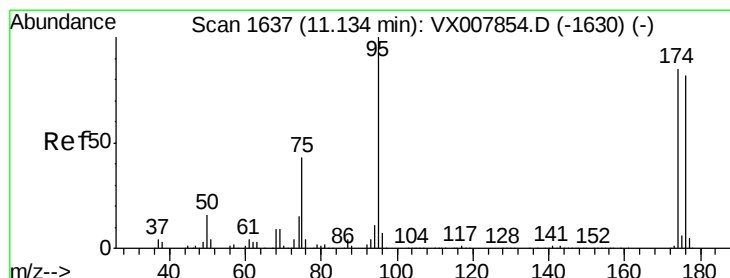
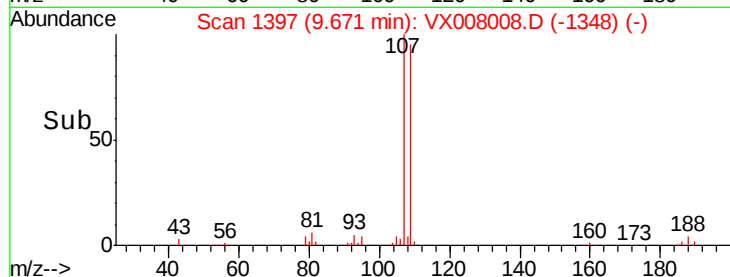
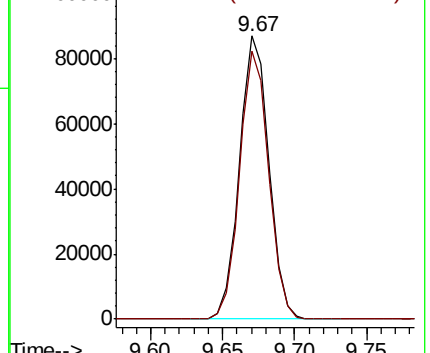
107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.189 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

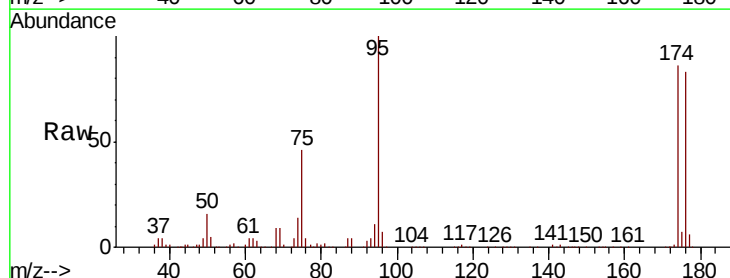
Tgt Ion: 95 Resp: 143391

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

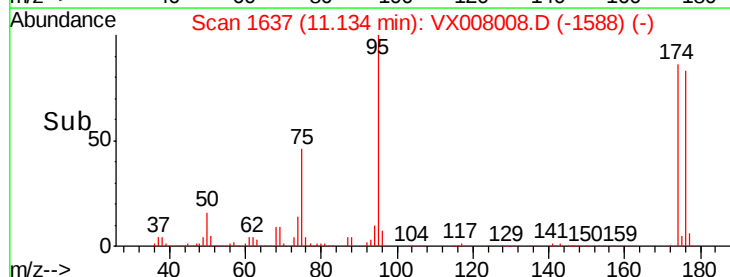
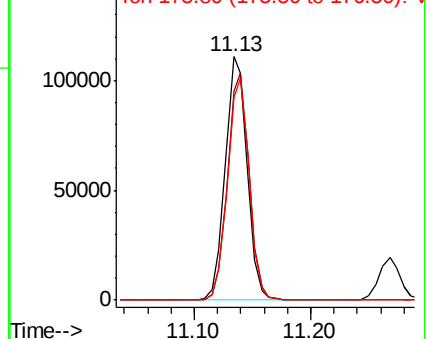
176 90.7 0.0 178.0

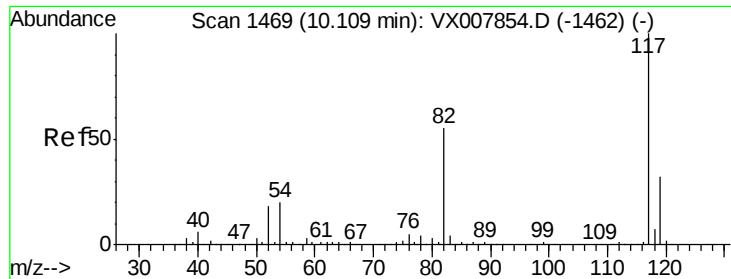


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

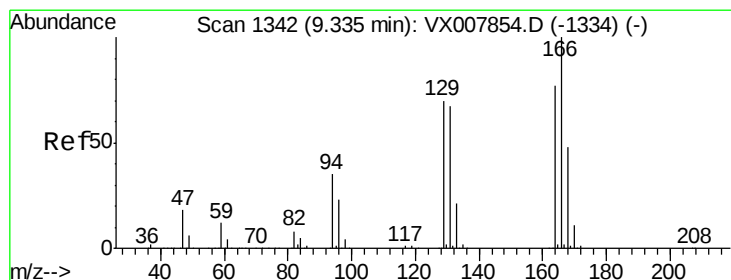
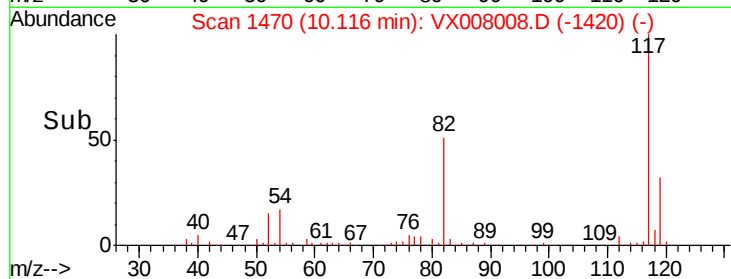
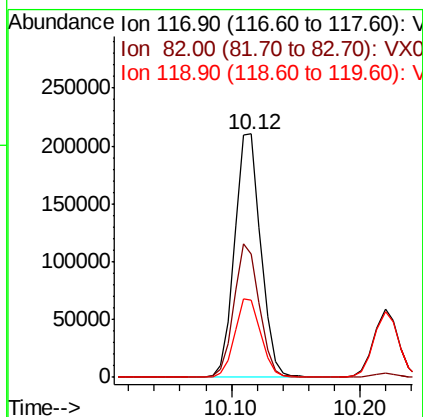
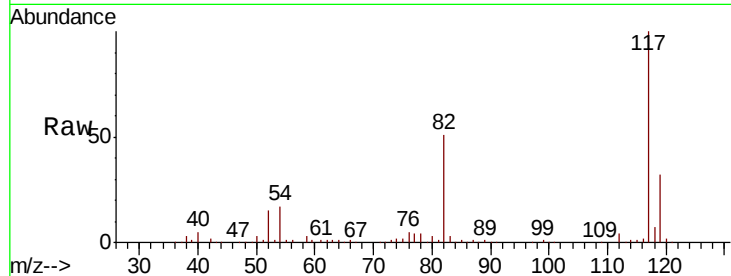




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

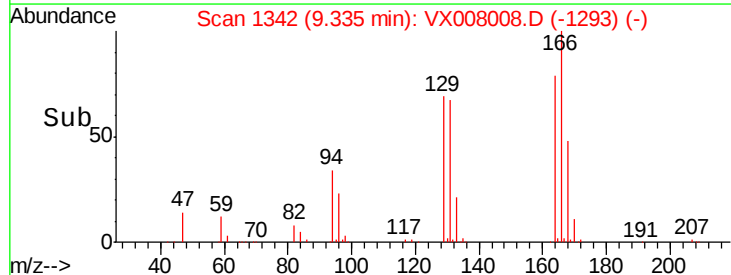
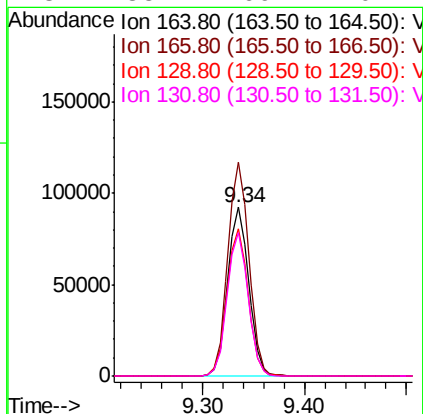
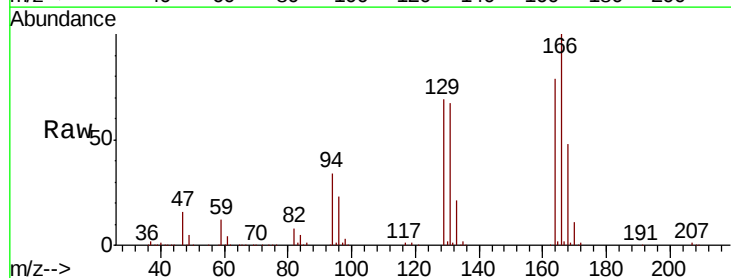
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

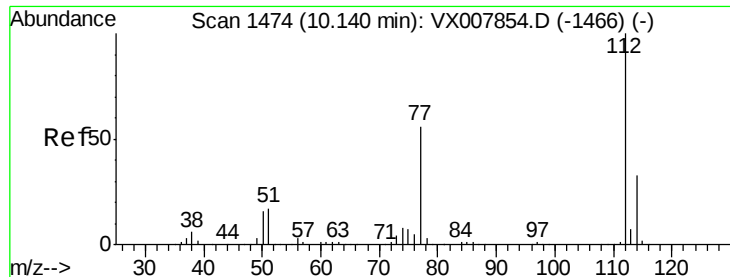
Tgt Ion:117 Resp: 298365
Ion Ratio Lower Upper
117 100
82 50.8 44.3 66.5
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 53.215 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion:164 Resp: 131575
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.0
129 87.7 72.2 108.4
131 85.1 69.4 104.2

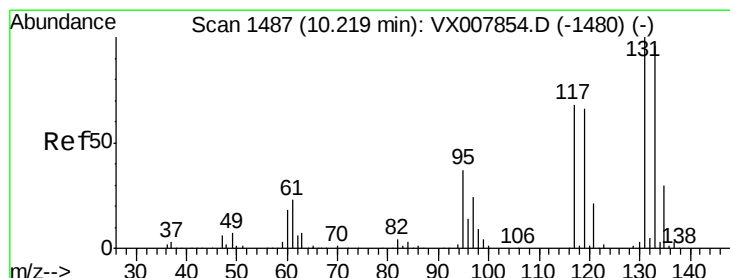
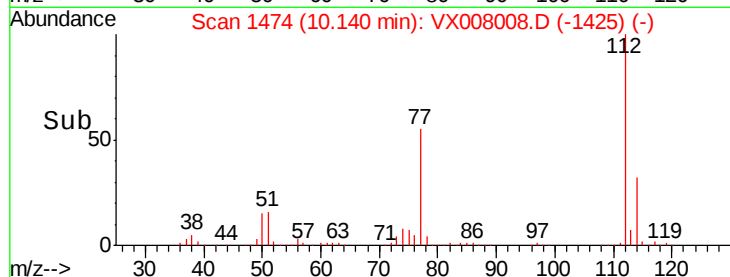
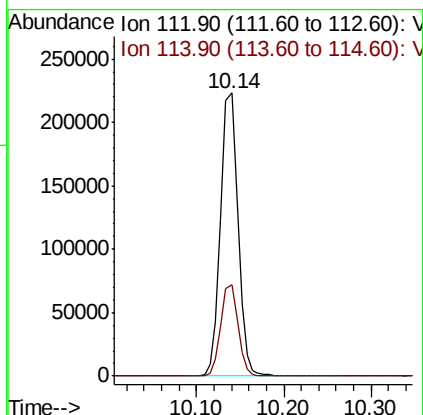
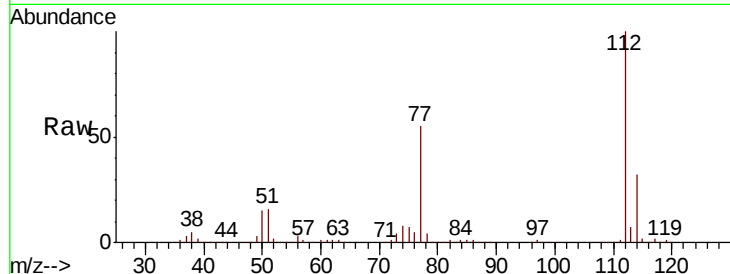




#65
Chlorobenzene
Concen: 49.421 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

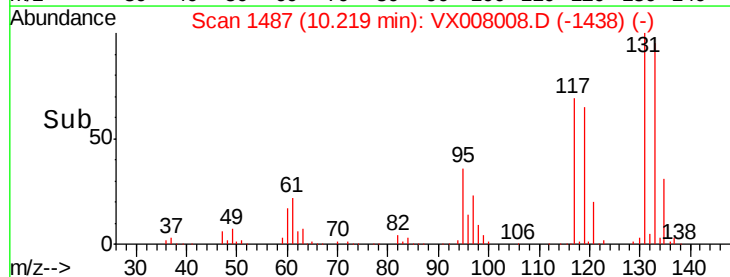
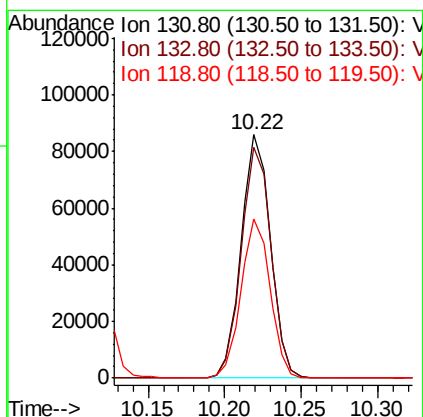
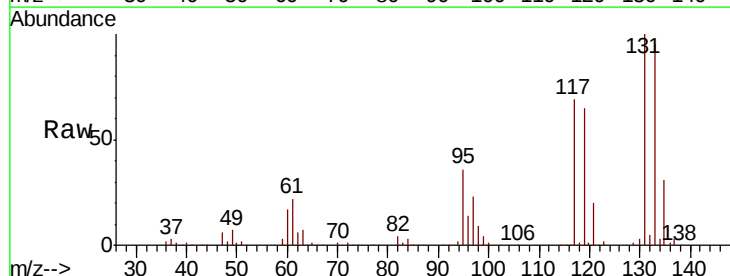
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

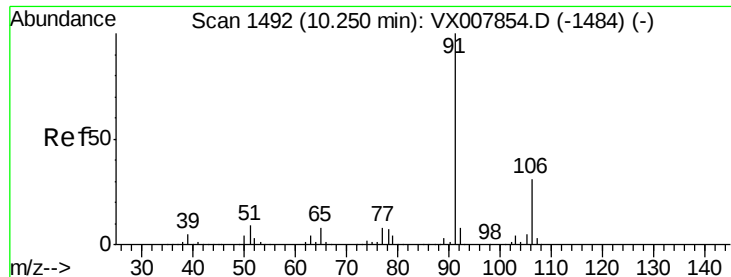
Tgt Ion:112 Resp: 308560
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.087 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion:131 Resp: 114316
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 65.3 32.5 97.5





#67

Ethyl Benzene

Concen: 50.641 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

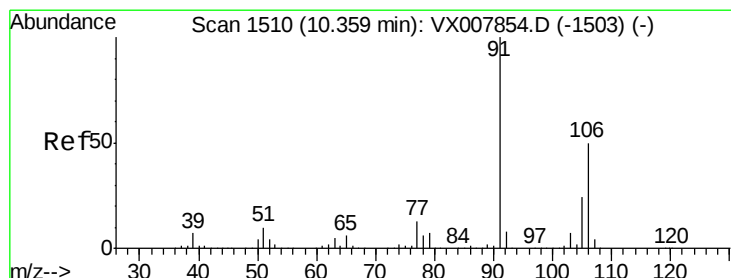
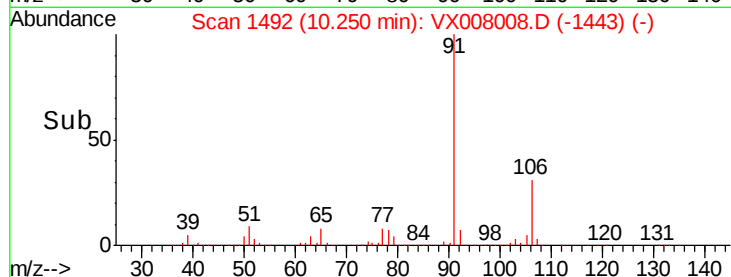
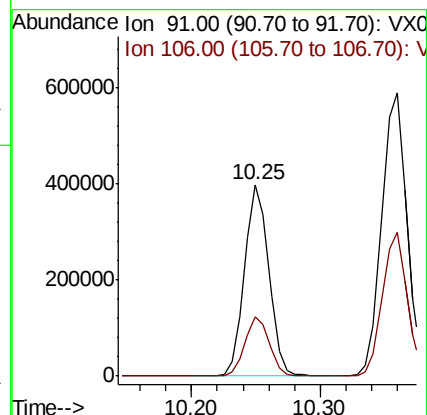
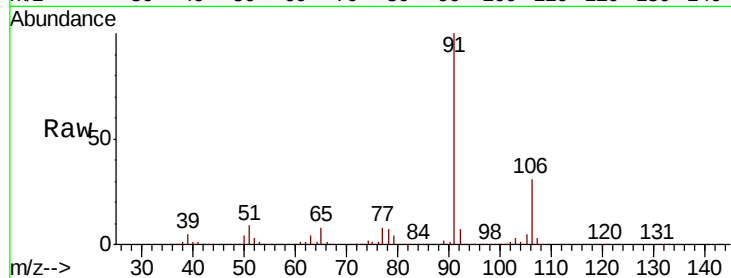
VSTDCCC050EC

Tgt Ion: 91 Resp: 520461

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 101.195 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008008.D

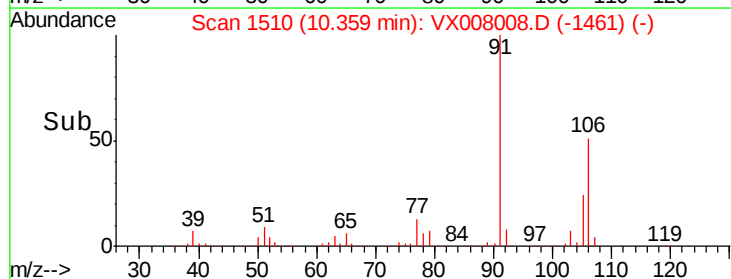
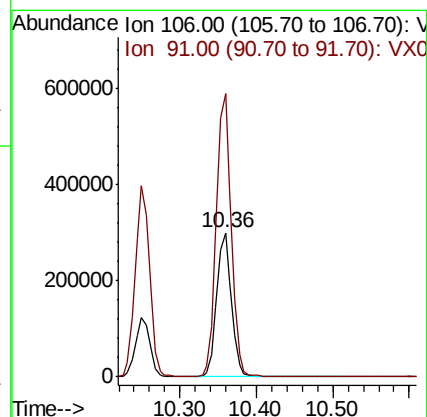
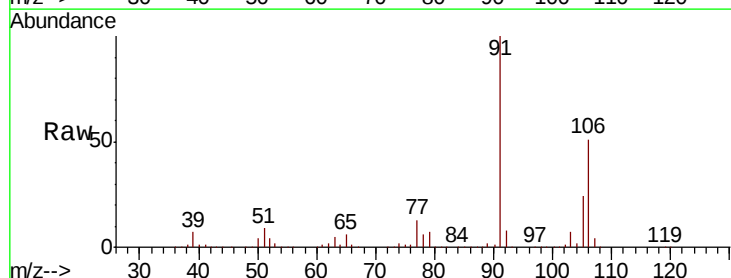
Acq: 12 Mar 2019 11:07

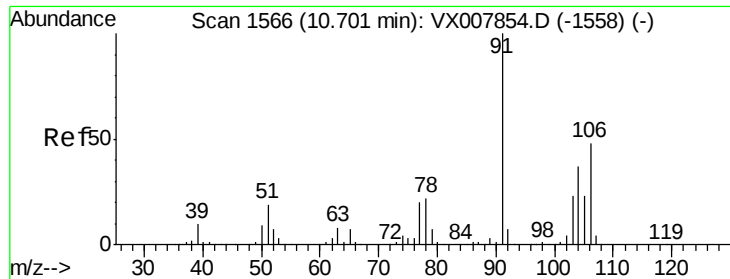
Tgt Ion: 106 Resp: 400878

Ion Ratio Lower Upper

106 100

91 199.4 159.8 239.6

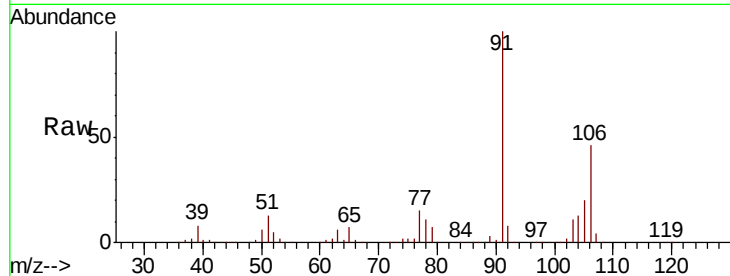




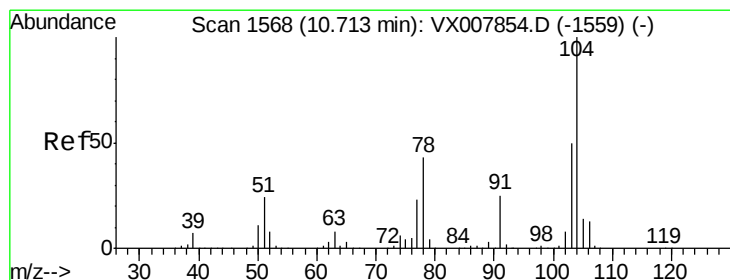
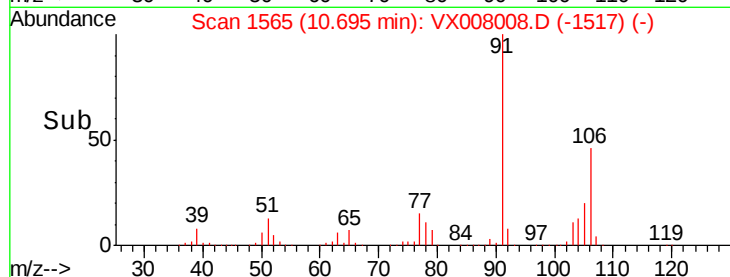
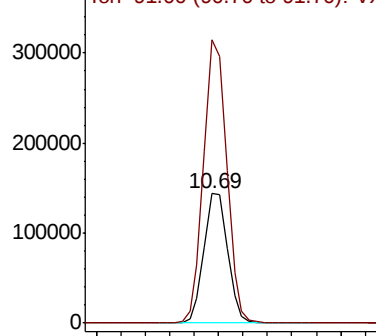
#69
o-Xylene
Concen: 50.635 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 193656
Ion Ratio Lower Upper
106 100
91 213.2 106.3 318.9

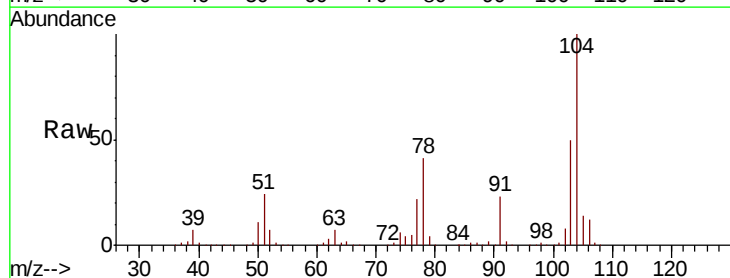


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

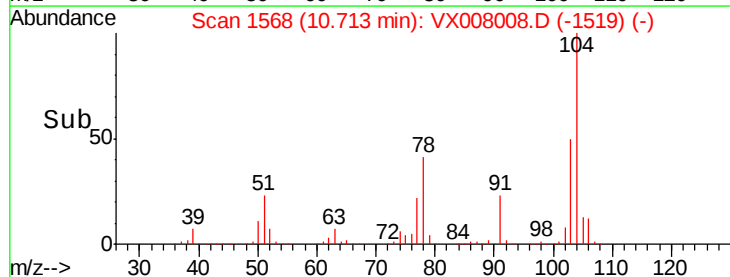
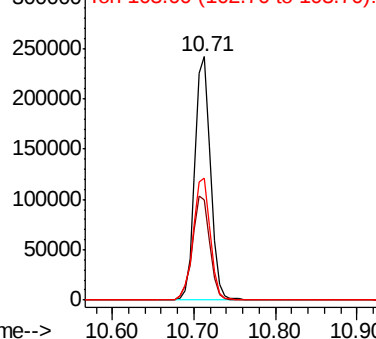


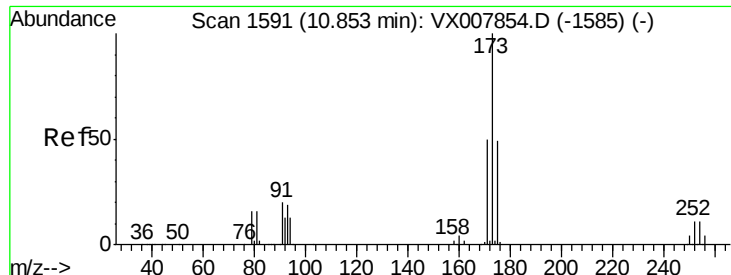
#70
Styrene
Concen: 51.502 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion:104 Resp: 322324
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 50.078 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

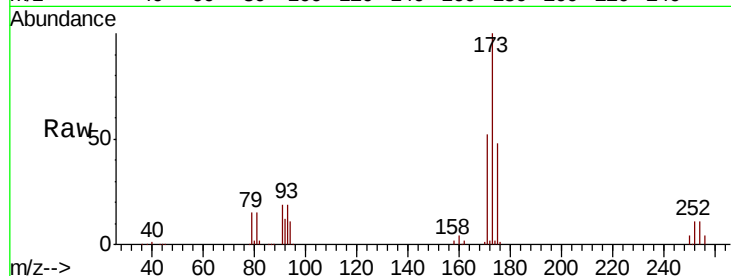
Tgt Ion:173 Resp: 96233

Ion Ratio Lower Upper

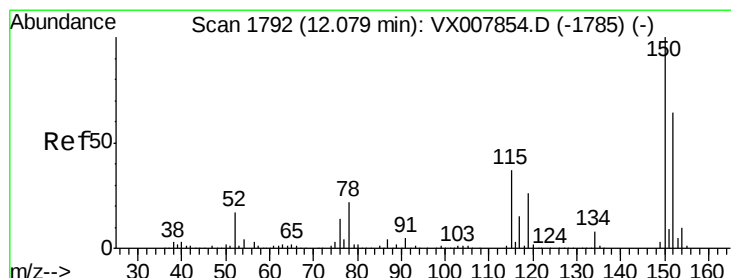
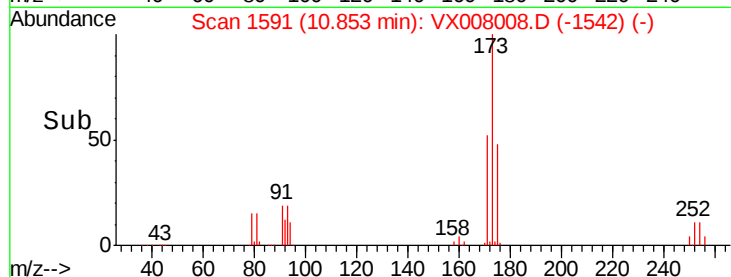
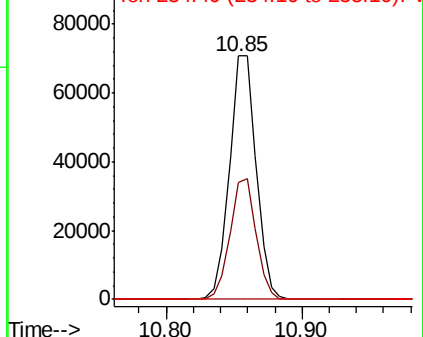
173 100

175 48.7 24.3 72.9

254 0.0 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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

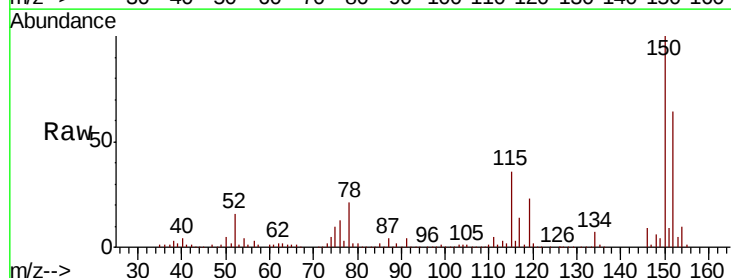
Tgt Ion:152 Resp: 150689

Ion Ratio Lower Upper

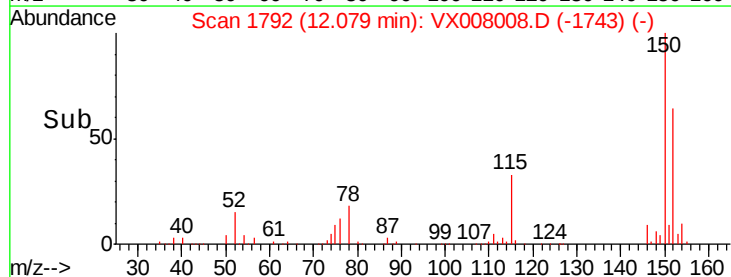
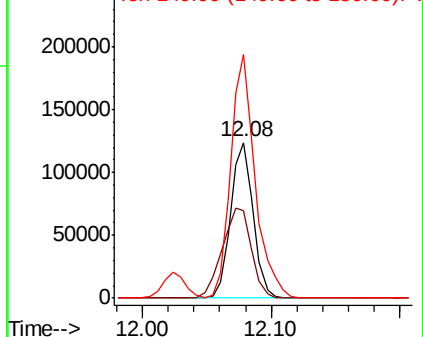
152 100

115 75.6 38.6 115.7

150 170.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

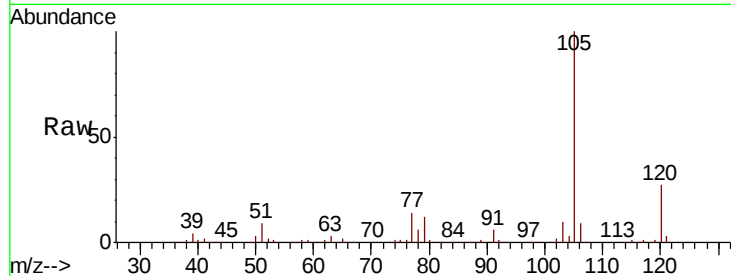
VSTDCCC050EC

Tgt Ion:105 Resp: 517950

Ion Ratio Lower Upper

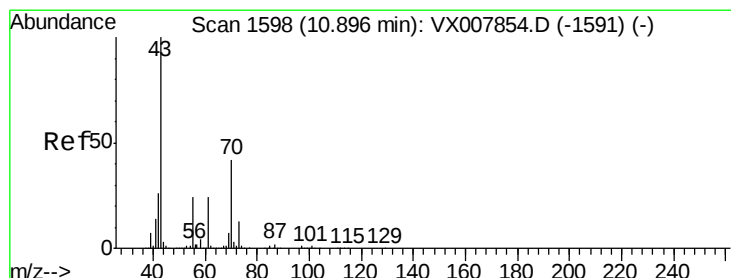
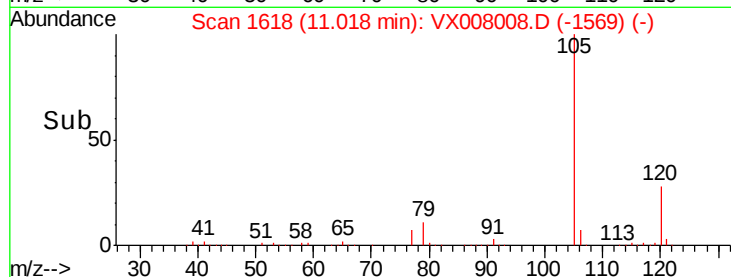
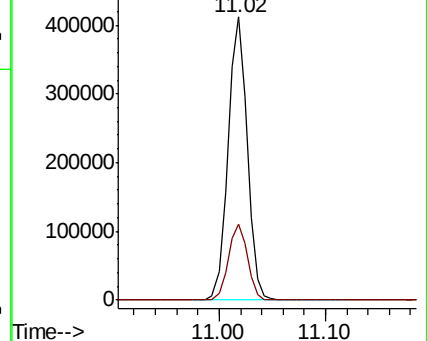
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.008 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion: 43 Resp: 214056

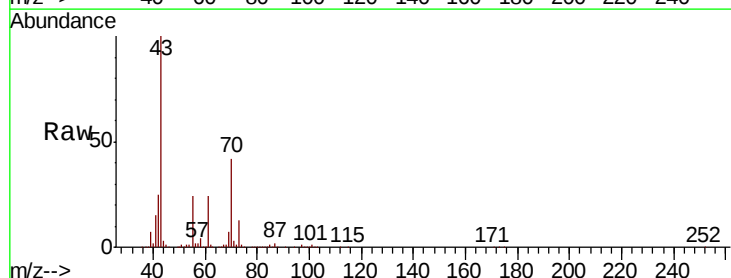
Ion Ratio Lower Upper

43 100

70 42.7 33.5 50.3

55 25.0 19.2 28.8

61 24.6 19.0 28.6

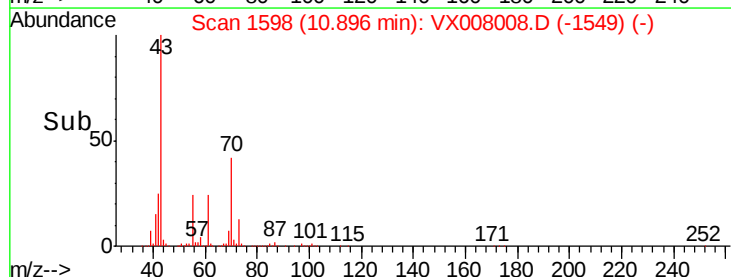
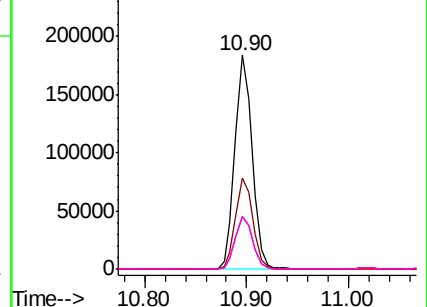


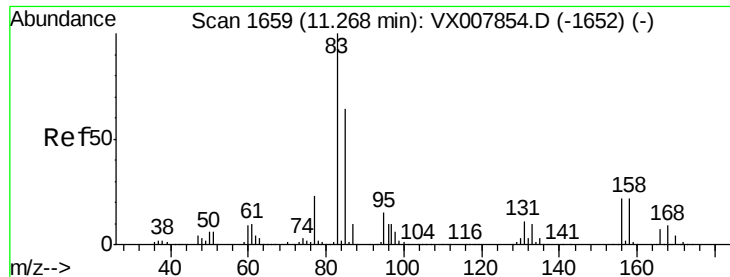
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.369 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

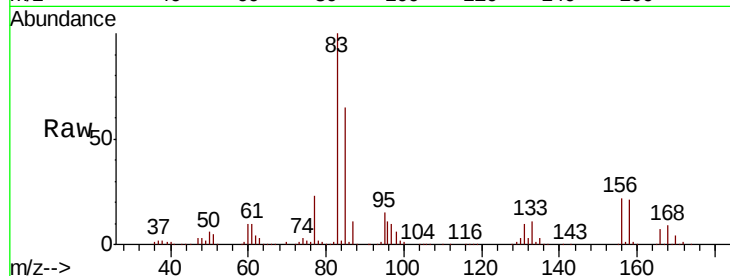
Tgt Ion: 83 Resp: 166518

Ion Ratio Lower Upper

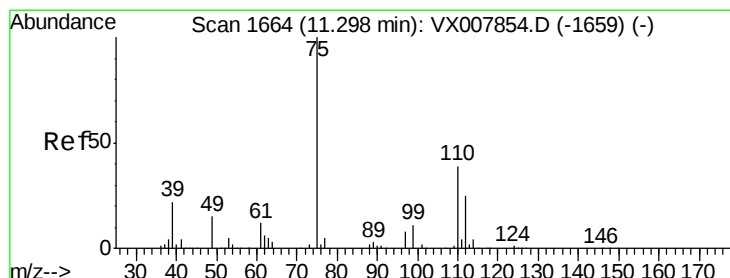
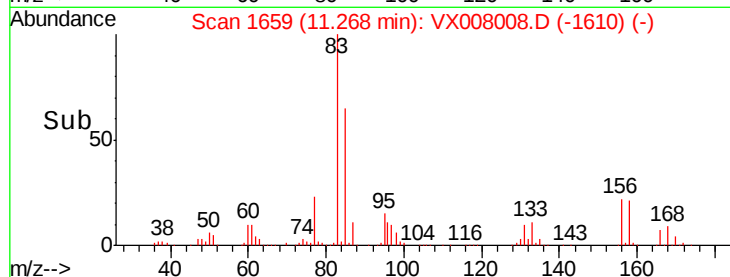
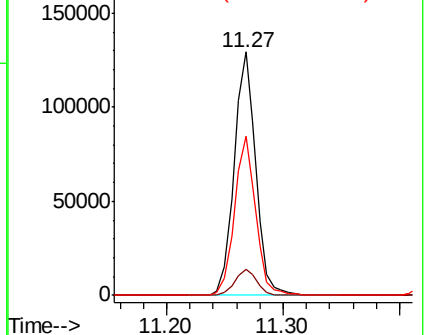
83 100

131 10.7 5.4 16.2

85 64.3 32.3 96.8



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: 59.101 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008008.D

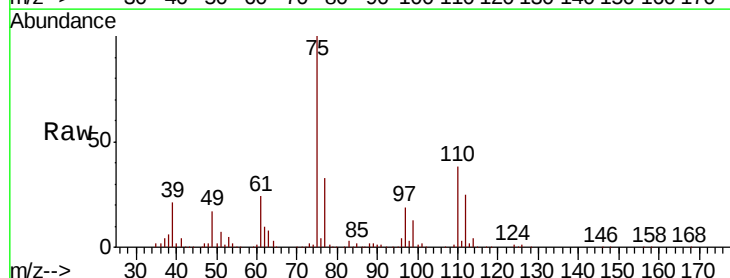
Acq: 12 Mar 2019 11:07

Tgt Ion: 75 Resp: 186882

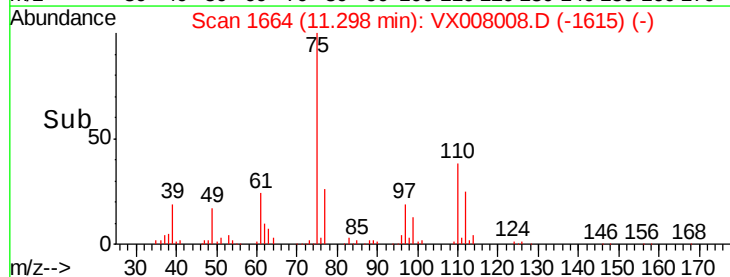
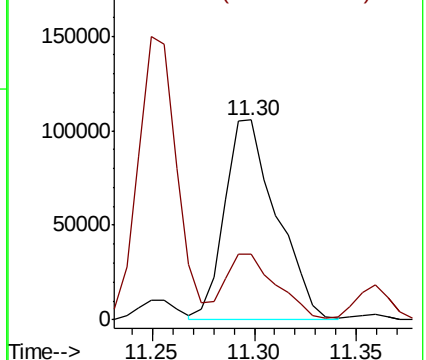
Ion Ratio Lower Upper

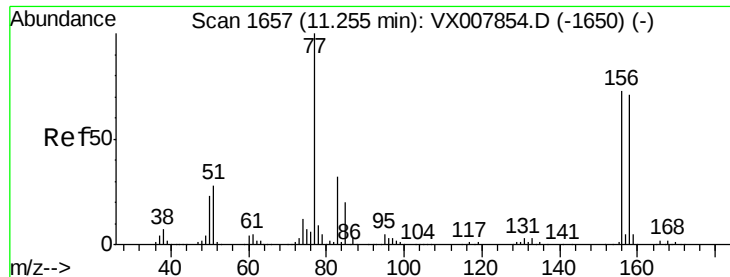
75 100

77 33.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

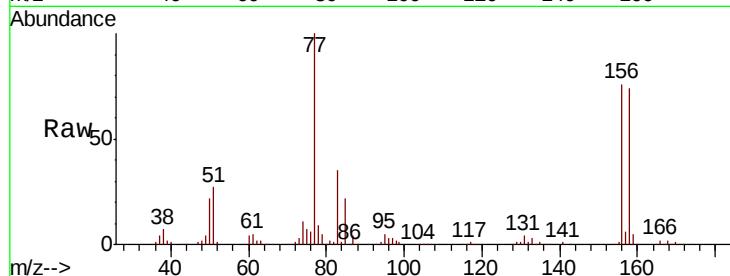
Tgt Ion:156 Resp: 139233

Ion Ratio Lower Upper

156 100

77 140.5 72.0 215.9

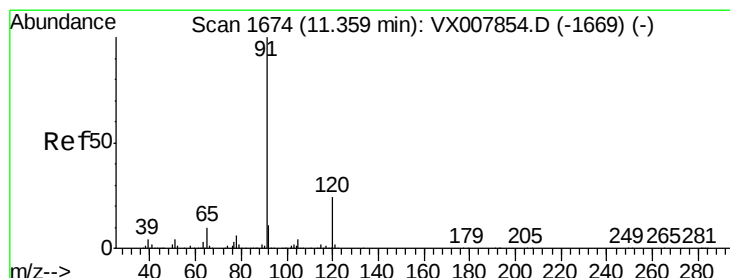
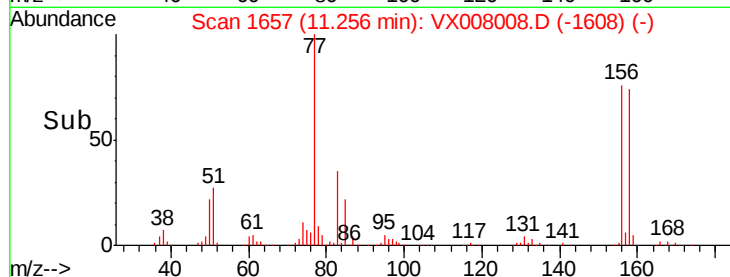
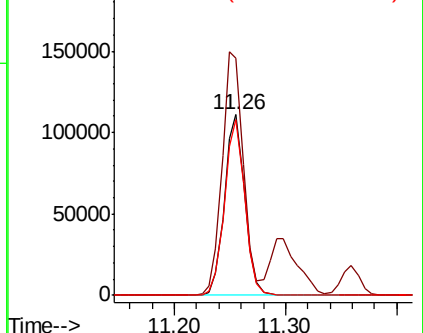
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.390 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008008.D

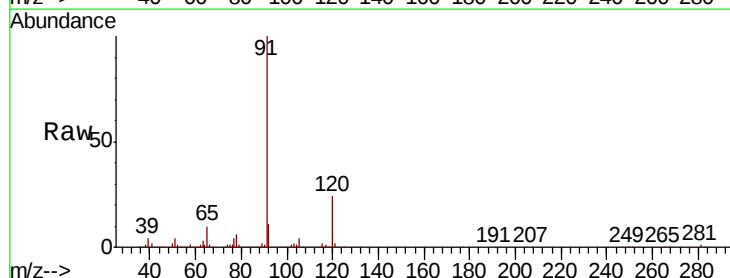
Acq: 12 Mar 2019 11:07

Tgt Ion: 91 Resp: 569710

Ion Ratio Lower Upper

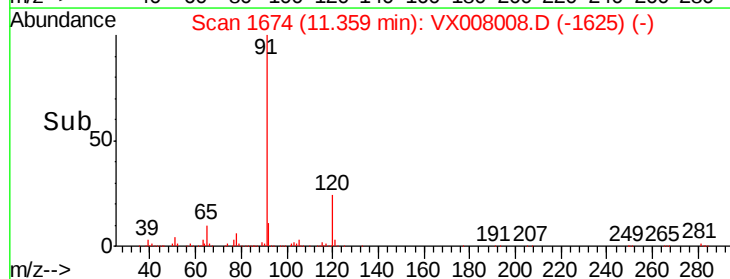
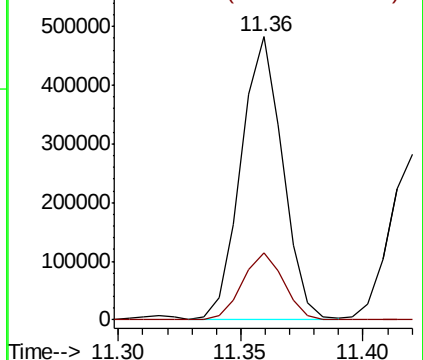
91 100

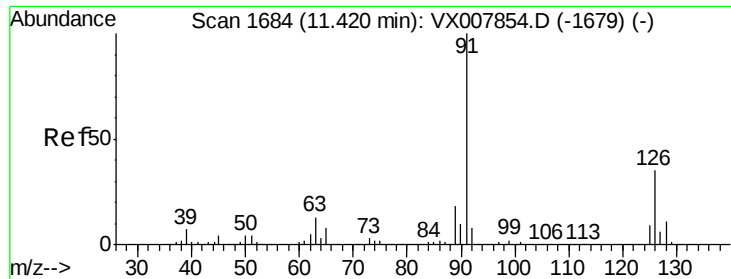
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

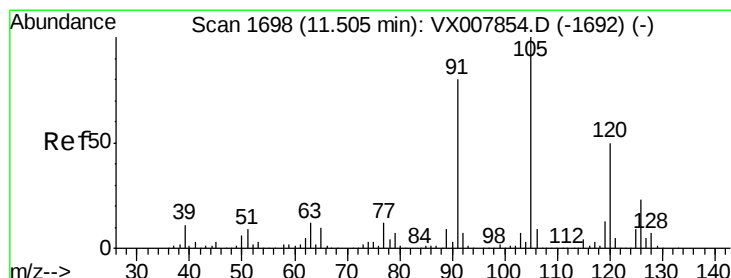
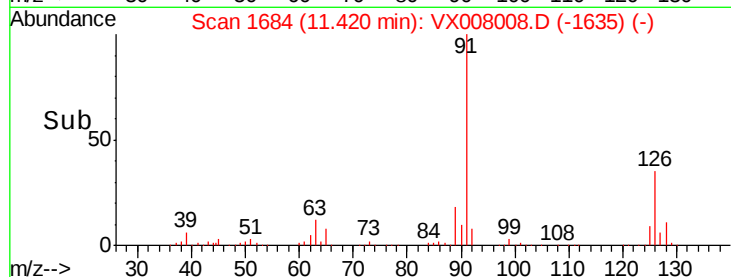
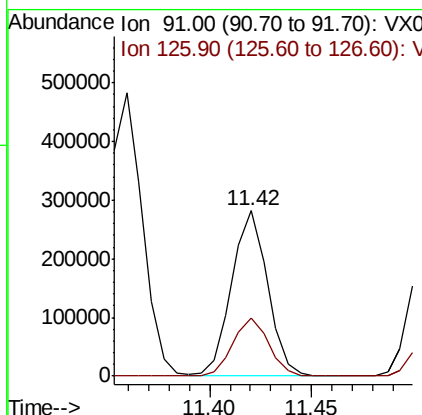
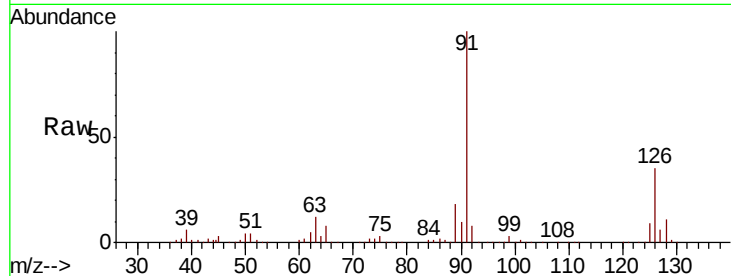




#79
 2-Chlorotoluene
 Concen: 49.351 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

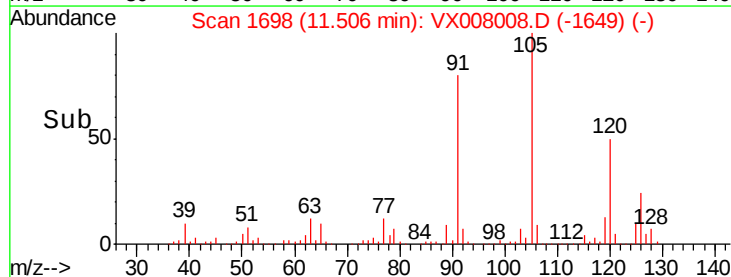
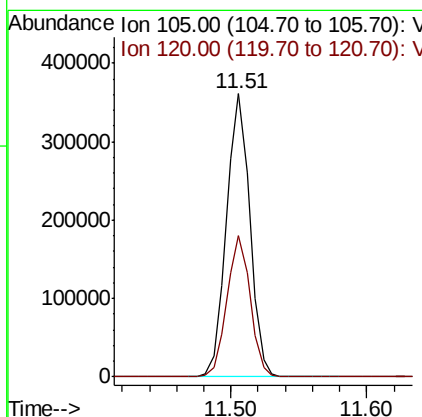
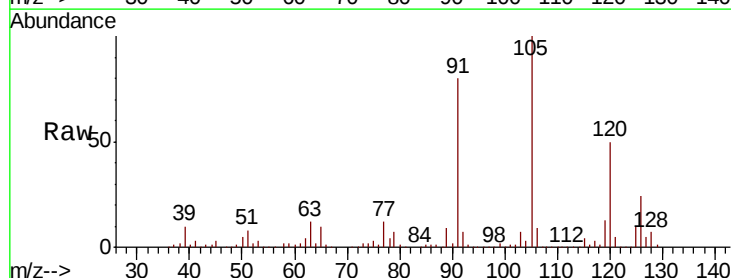
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

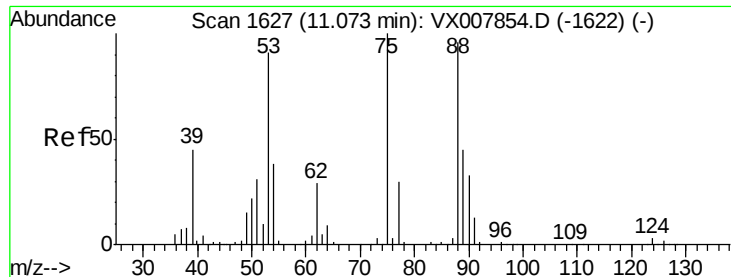
Tgt Ion: 91 Resp: 341152
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.125 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 105 Resp: 428839
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 41.877 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

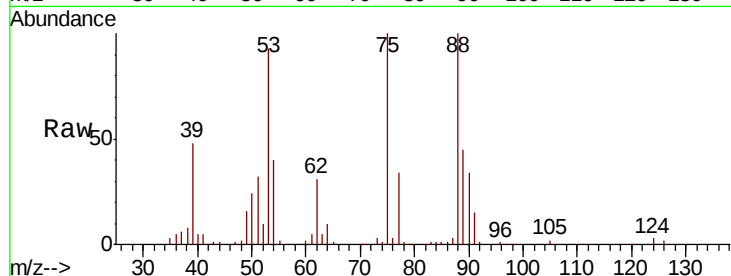
Tgt Ion: 75 Resp: 41426

Ion Ratio Lower Upper

75 100

53 95.8 76.1 114.1

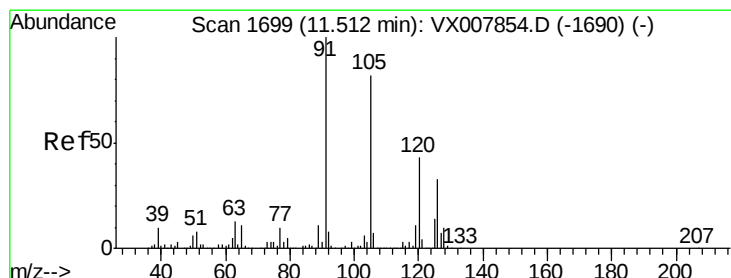
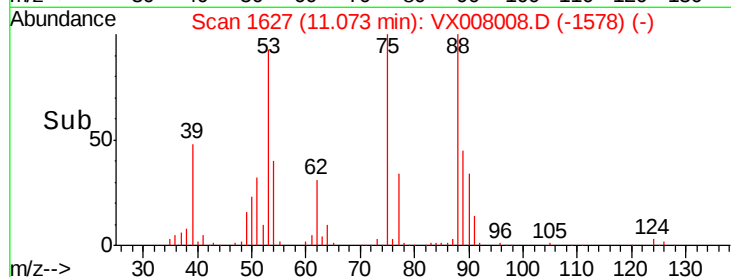
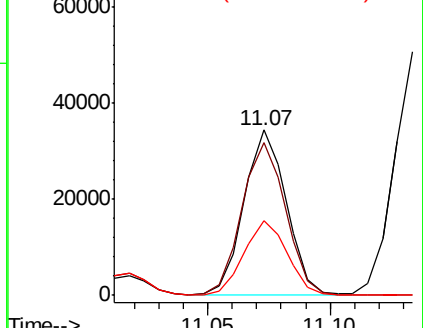
89 46.4 36.3 54.5



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: 49.521 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008008.D

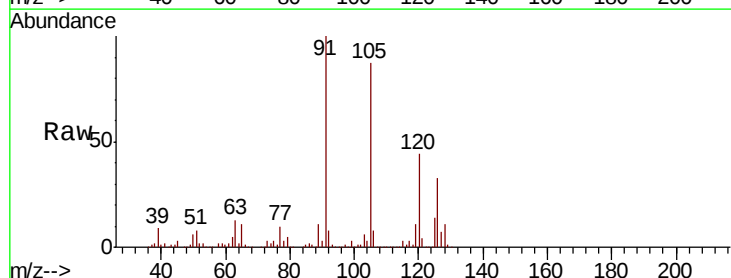
Acq: 12 Mar 2019 11:07

Tgt Ion: 91 Resp: 392306

Ion Ratio Lower Upper

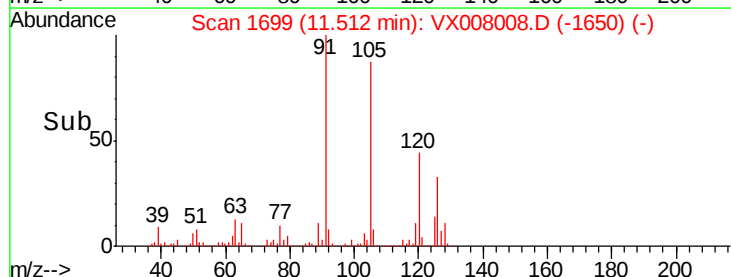
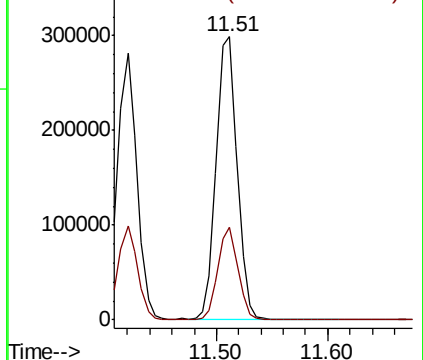
91 100

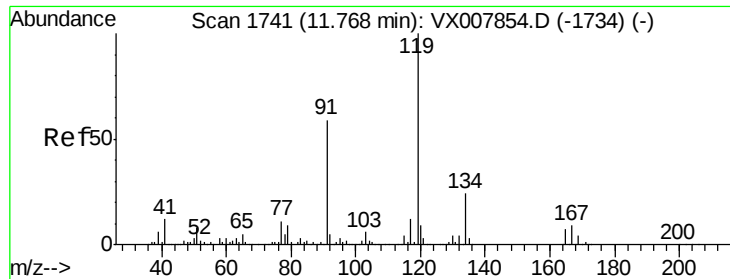
126 31.5 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

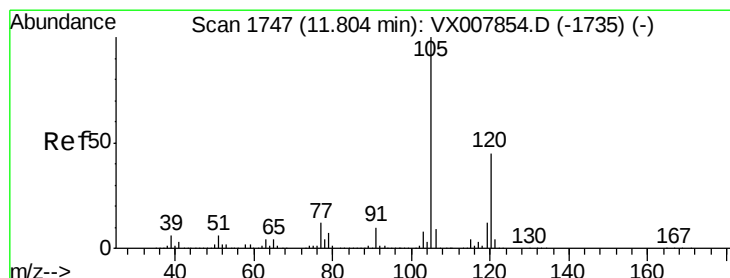
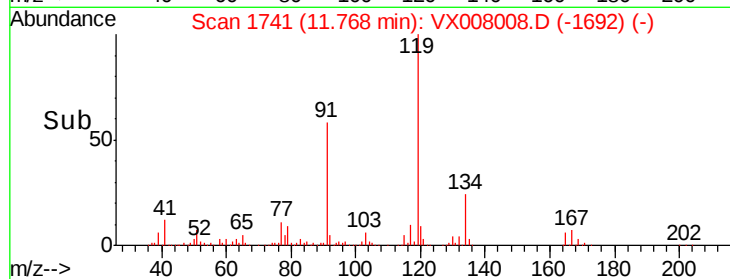
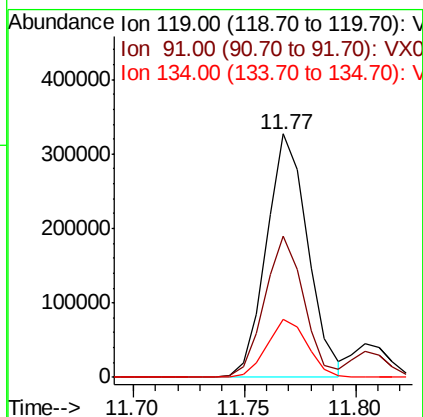
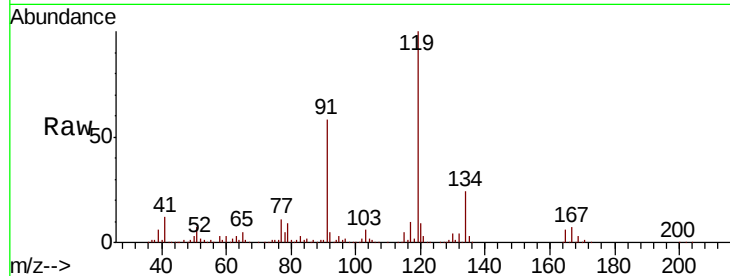




#83
 tert-Butylbenzene
 Concen: 49.747 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

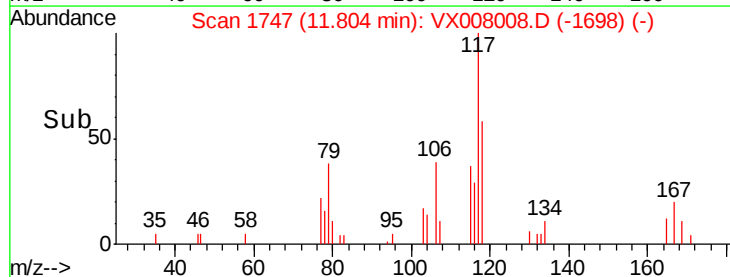
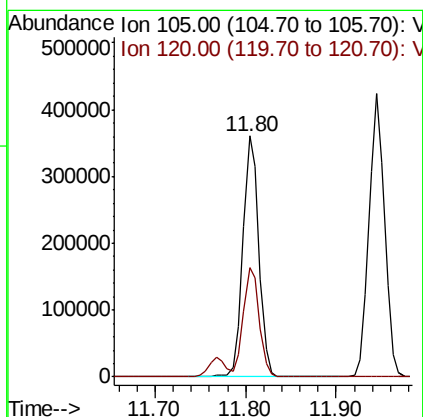
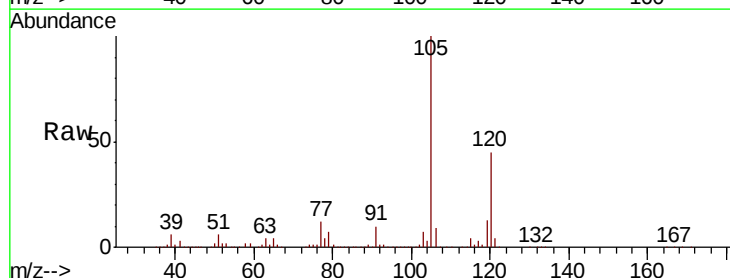
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

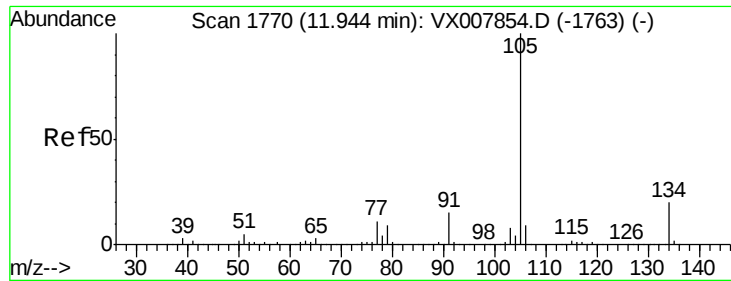
Tgt Ion:119 Resp: 420318
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.950 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion:105 Resp: 438108
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.955 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

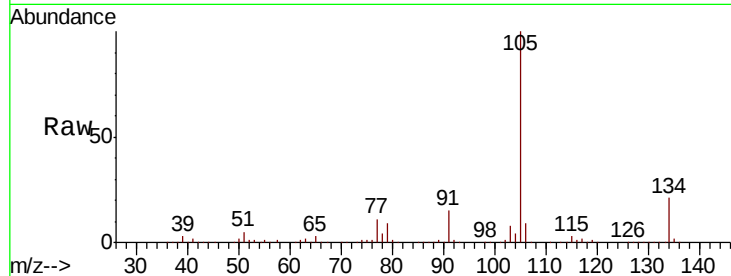
VSTDCCC050EC

Tgt Ion:105 Resp: 507054

Ion Ratio Lower Upper

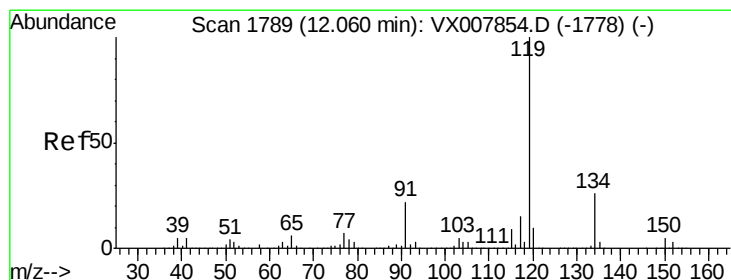
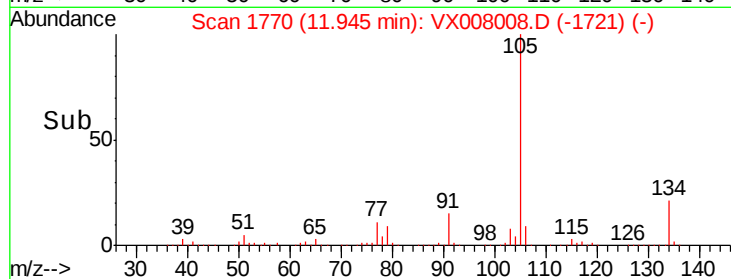
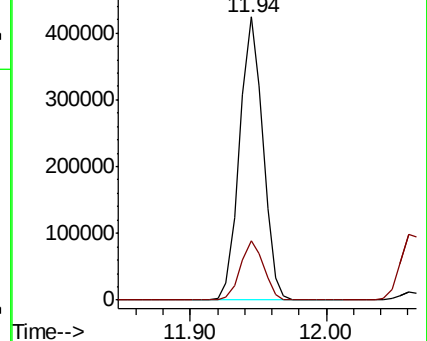
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.317 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

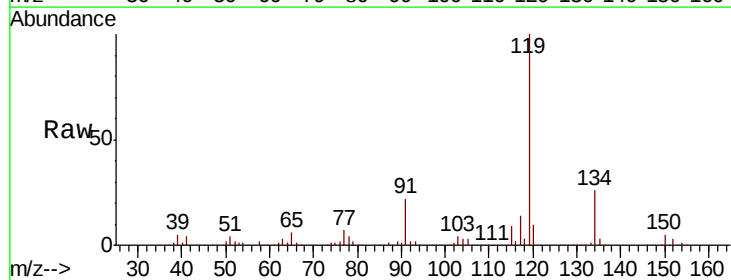
Tgt Ion:119 Resp: 457334

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

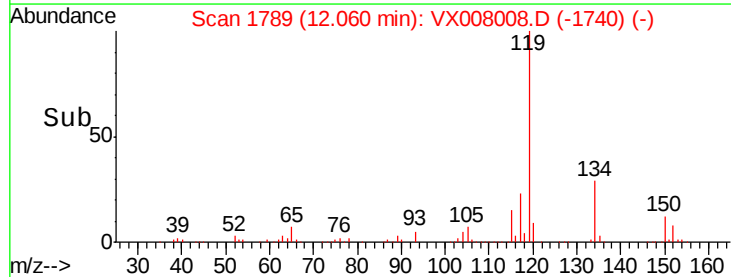
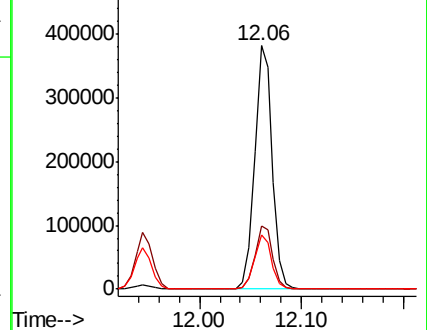
91 21.7 10.9 32.7

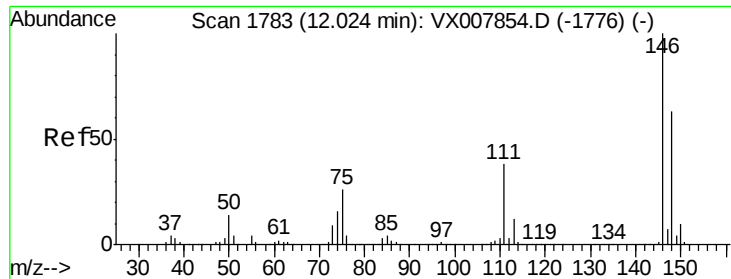


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

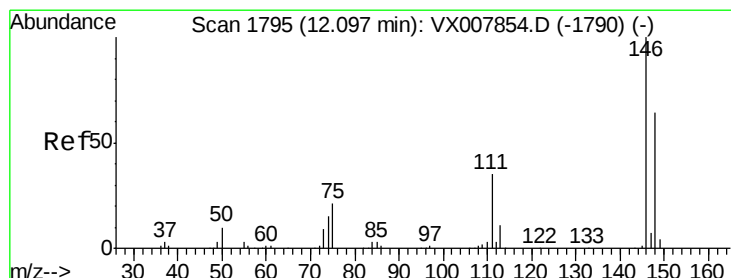
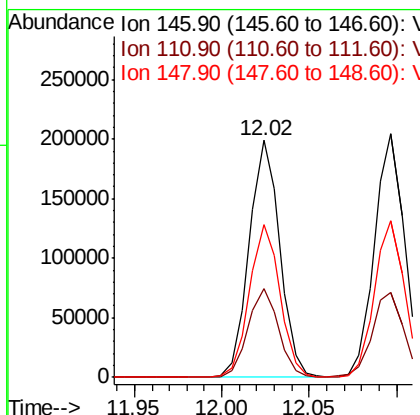
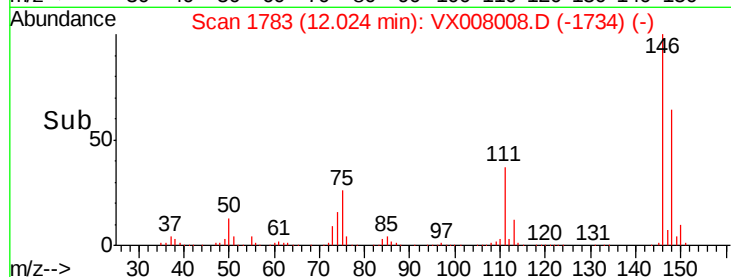
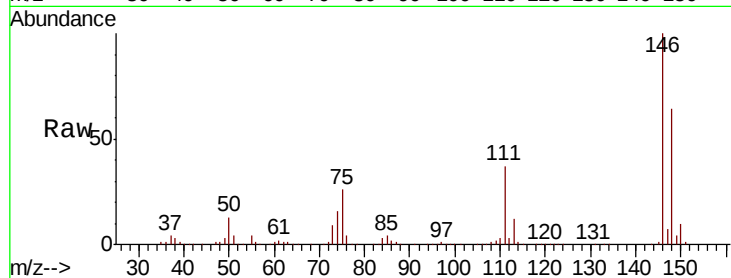




#87
 1,3-Dichlorobenzene
 Concen: 49.128 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

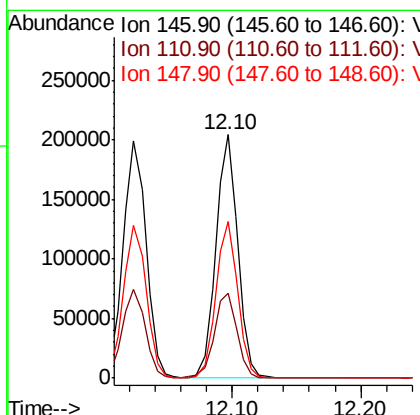
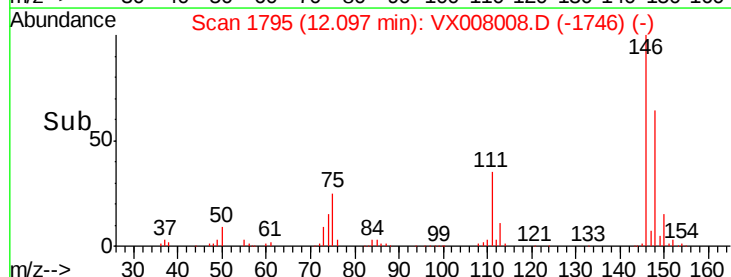
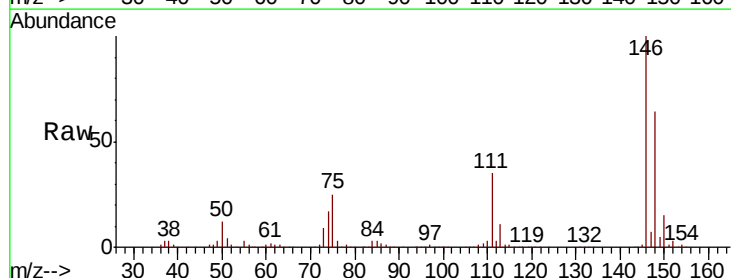
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

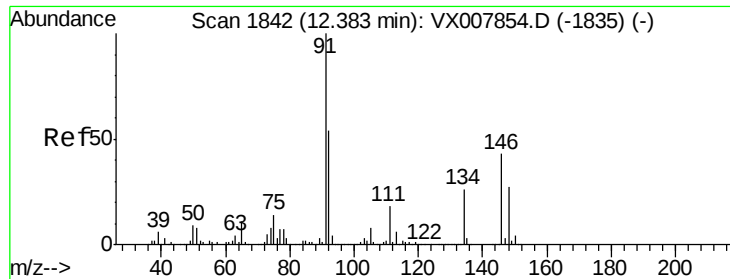
Tgt Ion:146 Resp: 242846
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion:146 Resp: 244163
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 64.1 32.2 96.6

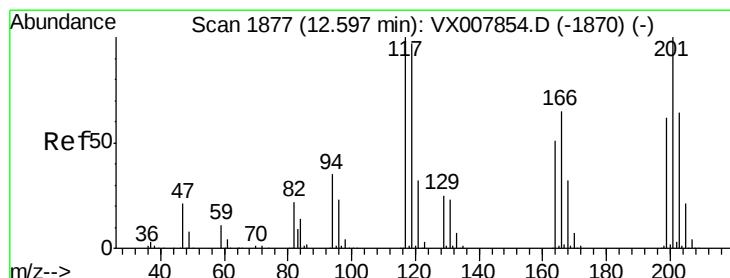
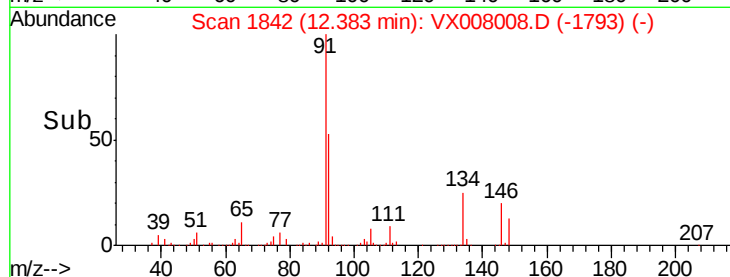
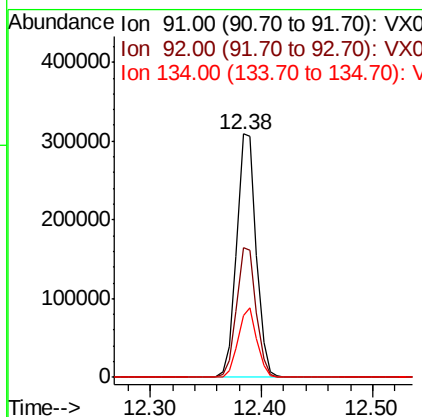
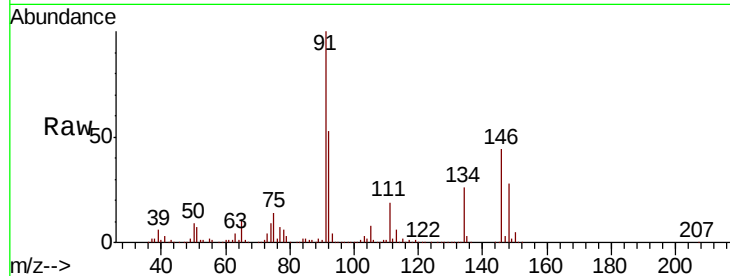




#89
n-Butylbenzene
Concen: 49.712 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

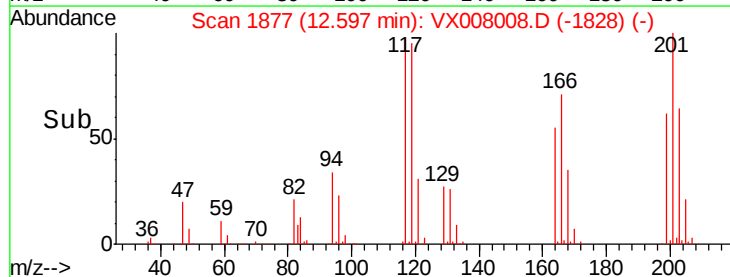
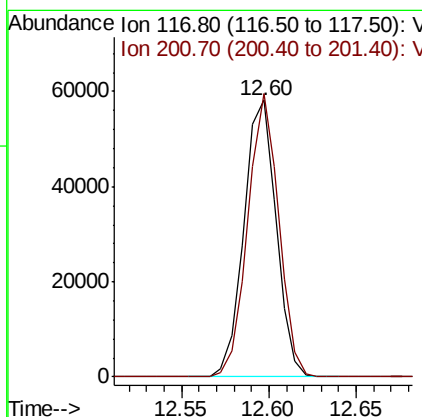
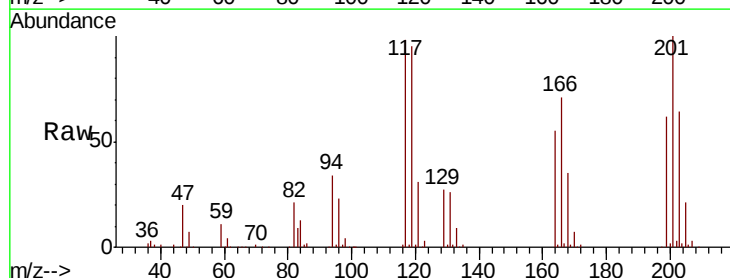
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 375342
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 27.4 13.7 41.0



#90
Hexachloroethane
Concen: 50.287 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 117 Resp: 74930
Ion Ratio Lower Upper
117 100
201 98.1 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 48.966 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

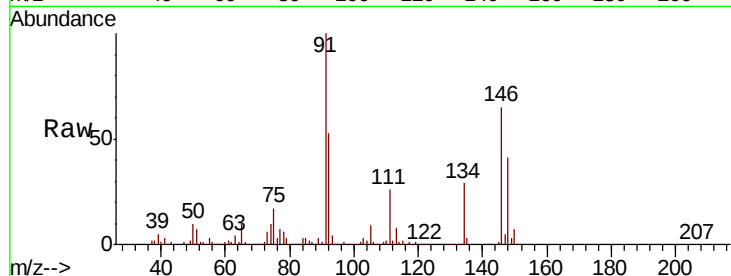
Tgt Ion:146 Resp: 240458

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

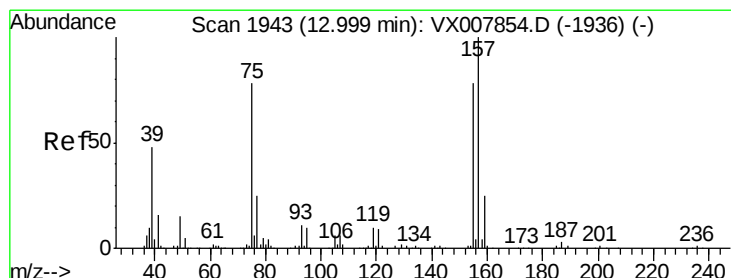
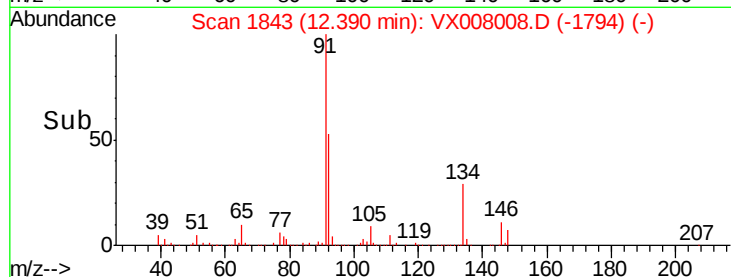
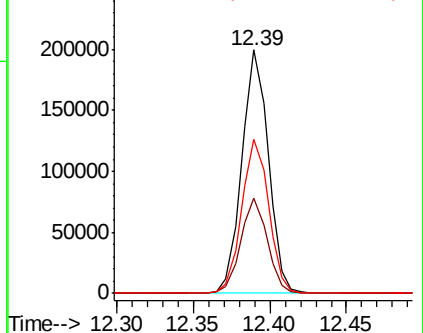
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.881 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

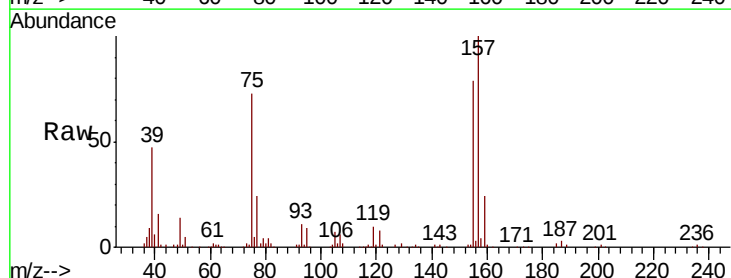
Tgt Ion: 75 Resp: 34443

Ion Ratio Lower Upper

75 100

155 104.7 49.7 149.1

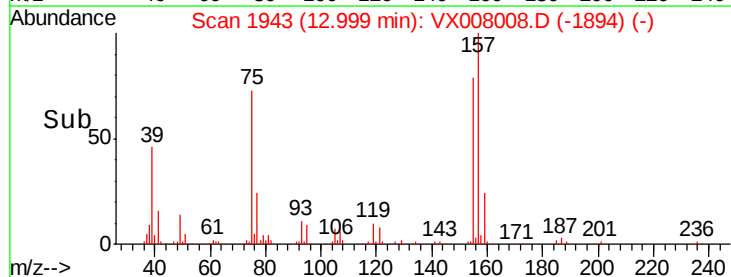
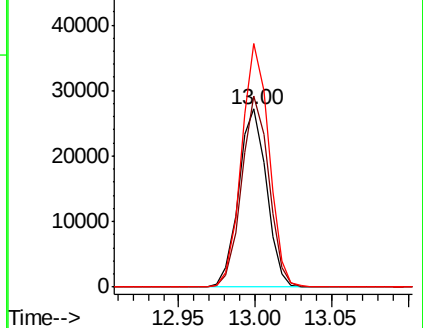
157 133.9 63.8 191.4

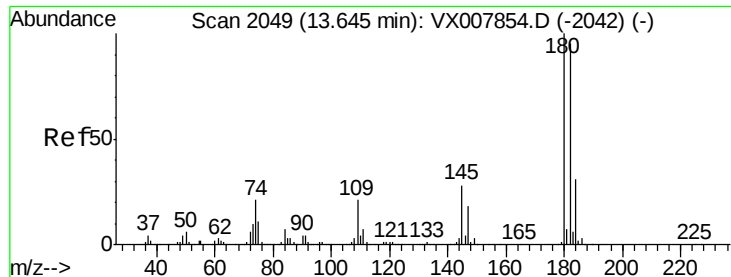


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

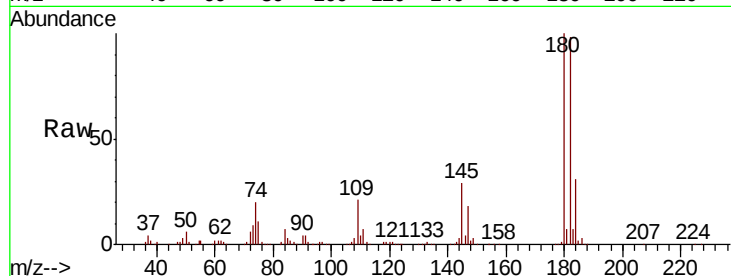




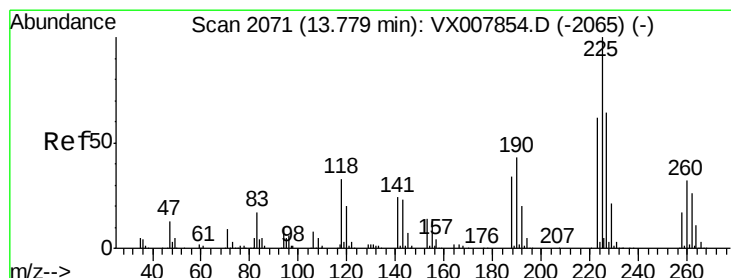
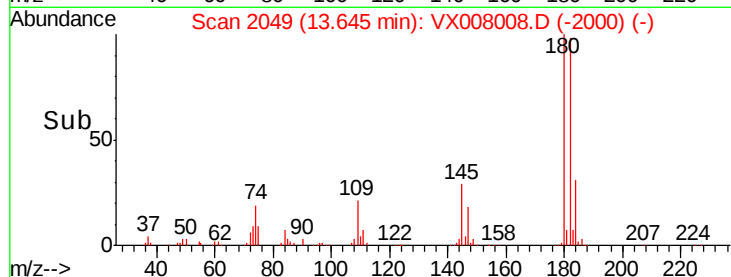
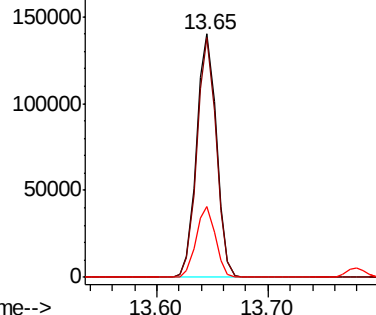
#93
 1,2,4-Trichlorobenzene
 Concen: 50.183 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 173117
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 28.5 14.1 42.4

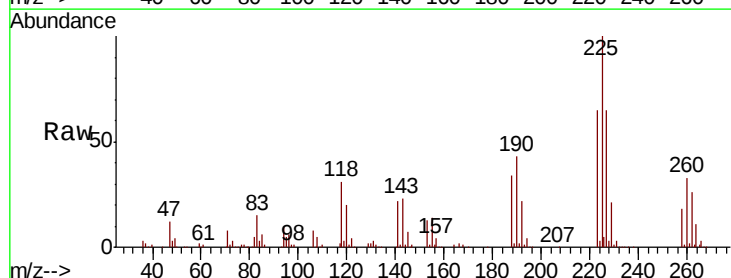


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

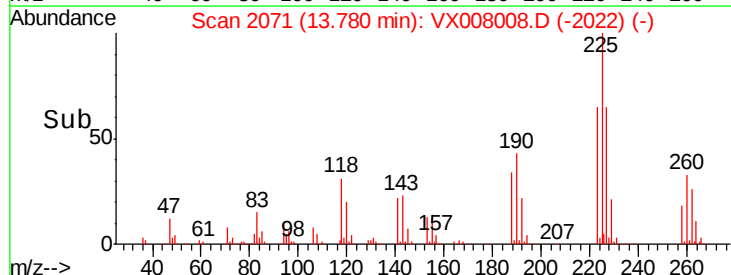
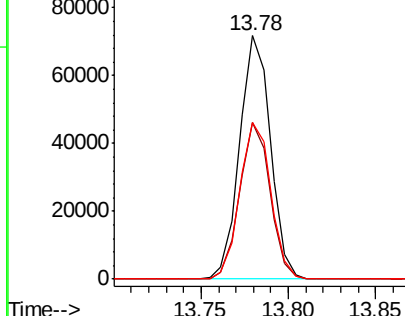


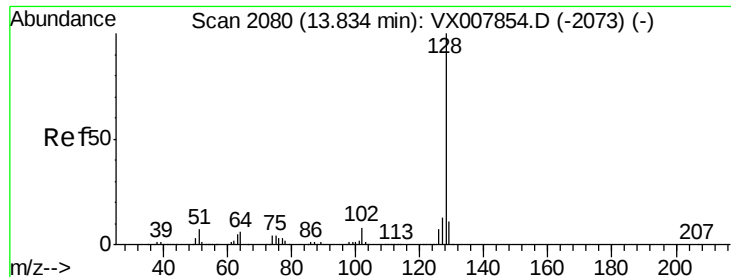
#94
 Hexachlorobutadiene
 Concen: 48.758 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion:225 Resp: 87939
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.2
 227 64.9 32.0 96.0



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

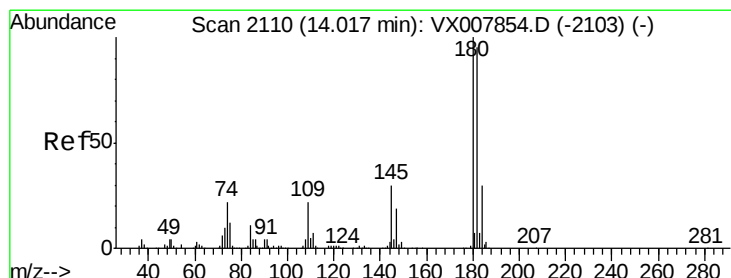
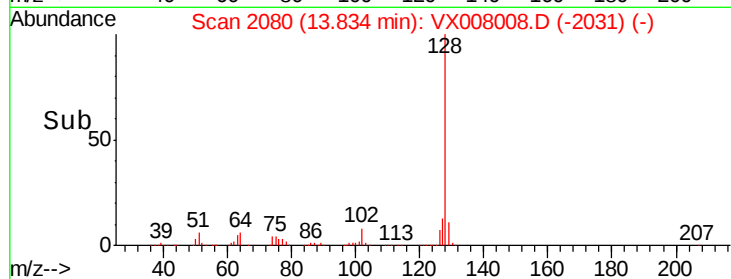
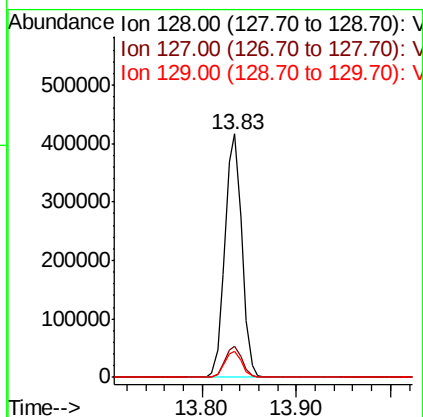
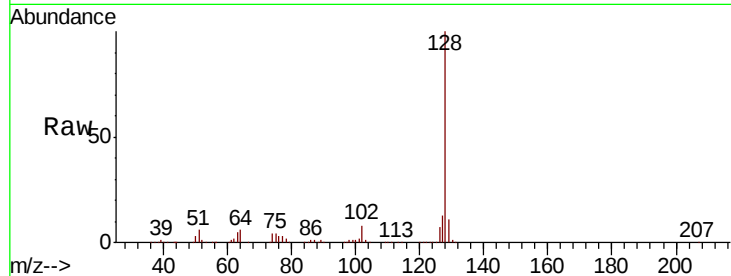




#95
Naphthalene
Concen: 52.106 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 517922
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.999 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion:180 Resp: 171821
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 30.3 14.8 44.3

