

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007958.D
 Acq On : 09 Mar 2019 03:34
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 05:42:41 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	249538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132948	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	117953	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	439115	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	154700	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101186	47.462	ug/l	98
3) Chloromethane	1.33	50	130498	47.498	ug/l	100
4) Vinyl Chloride	1.41	62	135586	49.667	ug/l	99
5) Bromomethane	1.64	94	64745	50.552	ug/l	98
6) Chloroethane	1.72	64	84213	46.436	ug/l	100
7) Trichlorofluoromethane	1.93	101	176446	49.644	ug/l	97
8) Diethyl Ether	2.19	74	77620	50.432	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107215	48.678	ug/l	99
10) Methyl Iodide	2.51	142	168055	53.783	ug/l	100
11) Tert butyl alcohol	3.08	59	150655	255.915	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105343	49.618	ug/l	99
13) Acrolein	2.30	56	87381	262.216	ug/l	99
14) Allyl chloride	2.73	41	213084	47.763	ug/l	99
15) Acrylonitrile	3.15	53	365170	245.755	ug/l	100
16) Acetone	2.45	43	304304	199.721	ug/l	100
17) Carbon Disulfide	2.57	76	318289	49.362	ug/l	99
18) Methyl Acetate	2.78	43	185250	57.231	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	374540	51.279	ug/l	100
20) Methylene Chloride	2.86	84	120446	49.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113990	48.795	ug/l	98
22) Diisopropyl ether	3.87	45	403823	49.379	ug/l	99
23) Vinyl Acetate	3.82	43	1745371	243.376	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220059	50.002	ug/l	99
25) 2-Butanone	4.70	43	500293	231.930	ug/l	99
26) 2,2-Dichloropropane	4.59	77	114711	39.343	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130963	48.992	ug/l	98
28) Bromochloromethane	5.02	49	106081	51.702	ug/l	100
29) Tetrahydrofuran	5.15	42	334842	248.858	ug/l	99
30) Chloroform	5.21	83	208500	50.083	ug/l	100
31) Cyclohexane	5.57	56	198623	49.106	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	174818	50.612	ug/l	99
36) 1,1-Dichloropropene	5.80	75	159600	47.547	ug/l	100
37) Ethyl Acetate	4.85	43	189569	47.590	ug/l	99
38) Carbon Tetrachloride	5.78	117	153744	48.245	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192909	47.428	ug/l	99
40) Benzene	6.14	78	491411	49.175	ug/l	100
41) Methacrylonitrile	5.06	41	106389	48.988	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158659	48.548	ug/l	100
43) Isopropyl Acetate	6.46	43	289652	49.133	ug/l	99
44) Trichloroethene	7.21	130	133377	48.432	ug/l	97
45) 1,2-Dichloropropane	7.52	63	130072	49.282	ug/l	100
46) Dibromomethane	7.66	93	82109	49.158	ug/l	100
47) Bromodichloromethane	7.90	83	155755	49.183	ug/l	99
48) Methyl methacrylate	7.77	41	153501	49.525	ug/l	99
49) 1,4-Dioxane	7.75	88	63923	1003.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	932723	246.019	ug/l	99
52) Toluene	8.79	92	301450	49.410	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165419	50.045	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184731	49.491	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124542	50.427	ug/l	98
56) Ethyl methacrylate	9.18	69	190606	51.401	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206525	49.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	504807	263.170	ug/l	99
59) 2-Hexanone	9.49	43	699389	237.608	ug/l	99
60) Dibromochloromethane	9.59	129	128725	49.865	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131111	50.001	ug/l	100
64) Tetrachloroethene	9.34	164	125948	46.687	ug/l	99
65) Chlorobenzene	10.14	112	328131	48.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121058	49.585	ug/l	99
67) Ethyl Benzene	10.25	91	557435	49.712	ug/l	100
68) m/p-Xylenes	10.36	106	425990	98.558	ug/l	99
69) o-Xylene	10.70	106	207835	49.807	ug/l	100
70) Styrene	10.71	104	343943	50.370	ug/l	100
71) Bromoform	10.86	173	100810	48.082	ug/l	99
73) Isopropylbenzene	11.02	105	553905	50.170	ug/l	100
74) N-amyl acetate	10.90	43	248040	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182101	47.817	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206988	60.424	ug/l	92
77) Bromobenzene	11.26	156	146418	48.372	ug/l	100
78) n-propylbenzene	11.36	91	613595	50.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	366786	48.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	458270	50.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50248	46.888	ug/l	99
82) 4-Chlorotoluene	11.51	91	420235	48.966	ug/l	100
83) tert-Butylbenzene	11.77	119	453147	49.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	471514	50.617	ug/l	100
85) sec-Butylbenzene	11.94	105	546056	50.653	ug/l	99
86) p-Isopropyltoluene	12.06	119	490609	50.817	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	257282	48.045	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258510	47.138	ug/l	100
89) n-Butylbenzene	12.38	91	410119	50.140	ug/l	99
90) Hexachloroethane	12.60	117	79541	49.276	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	257851	48.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38190	47.983	ug/l	97

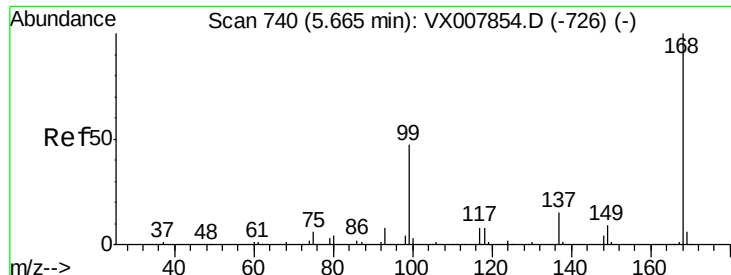
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184895	49.475	ug/l	99
94) Hexachlorobutadiene	13.78	225	95528	48.891	ug/l	99
95) Naphthalene	13.83	128	554513	51.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183923	49.404	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: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

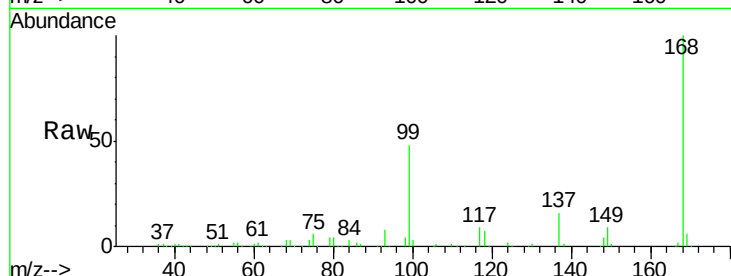
VSTDCCC050EC

Tot Ion:168 Resp: 249538

Ion Ratio Lower Upper

168 100

99 47.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

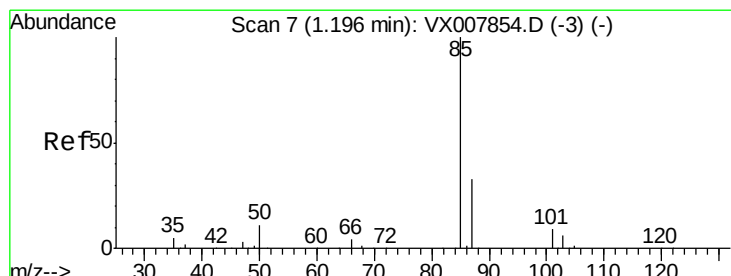
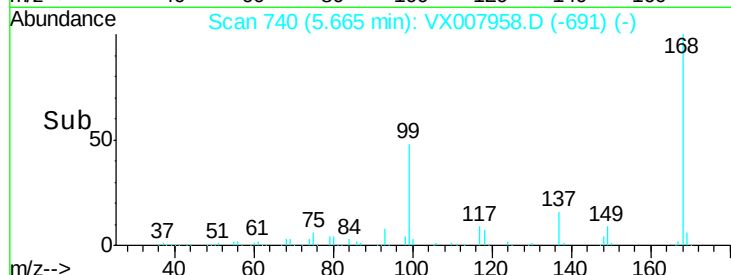
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.462 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007958.D

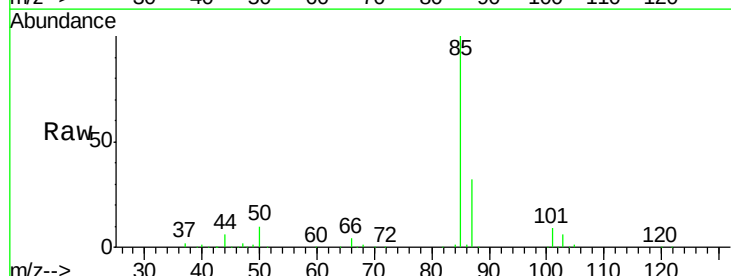
Acq: 09 Mar 2019 03:34

Tgt Ion: 85 Resp: 101186

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

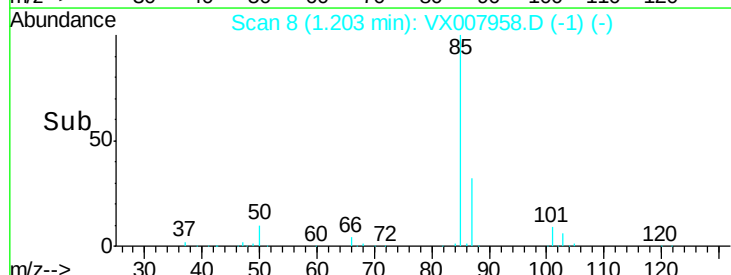
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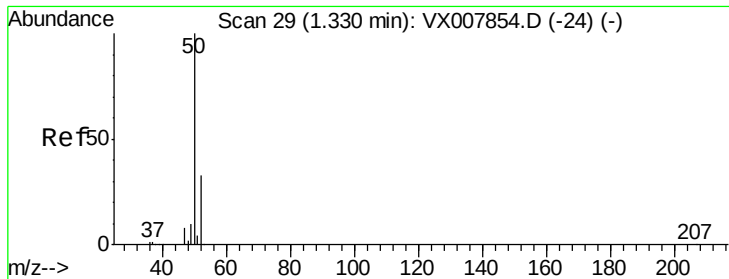
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.498 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

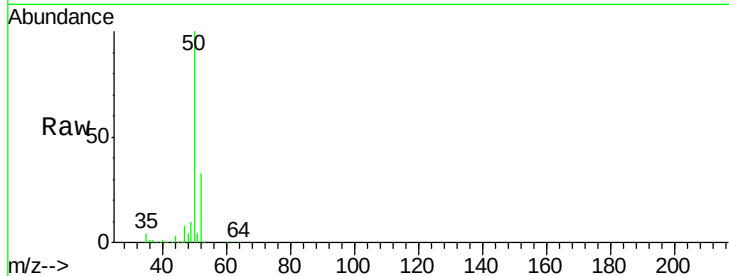
VSTDCCC050EC

Tot Ion: 50 Resp: 130498

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

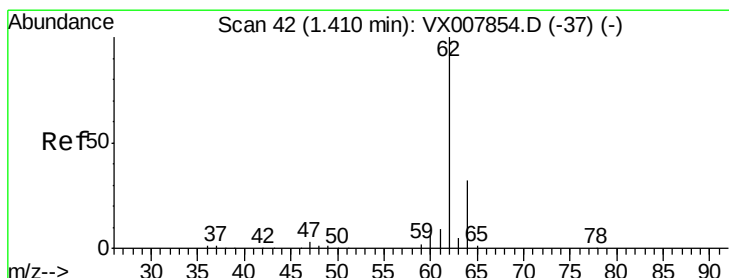
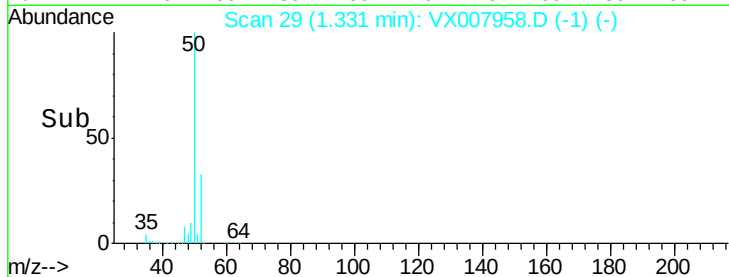
1.33

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.667 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007958.D

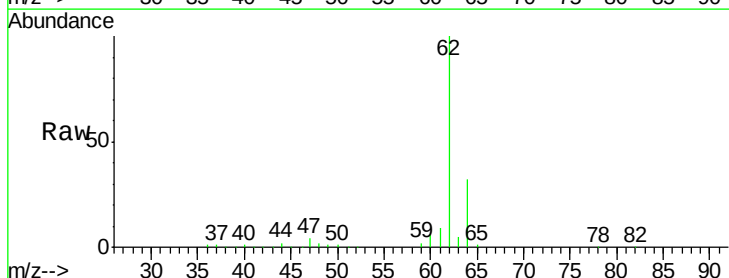
Acq: 09 Mar 2019 03:34

Tgt Ion: 62 Resp: 135586

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

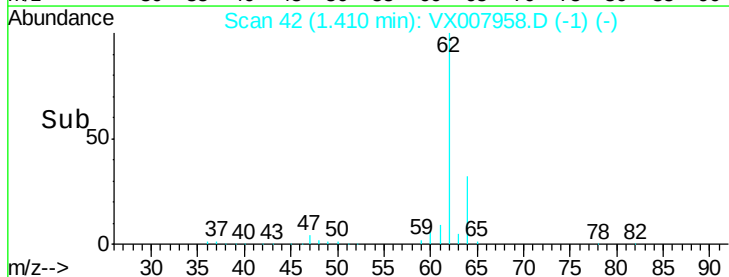
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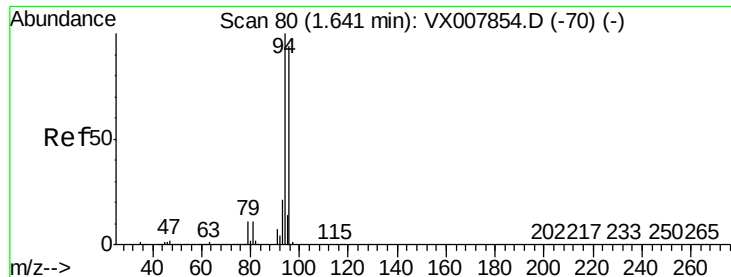
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.552 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

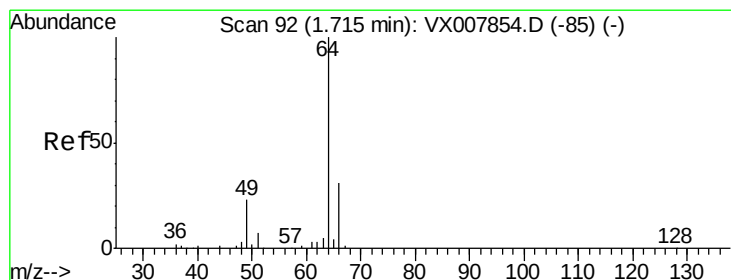
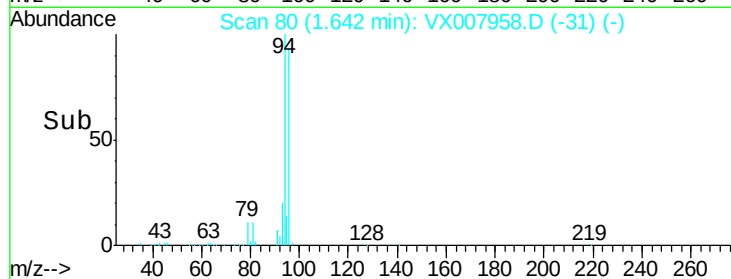
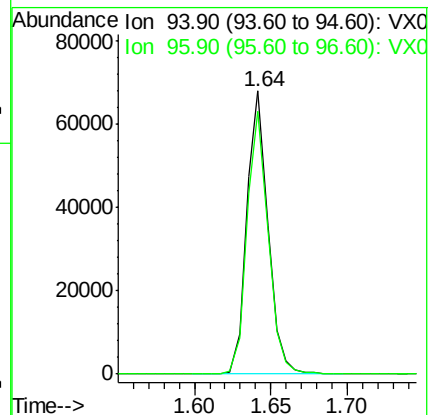
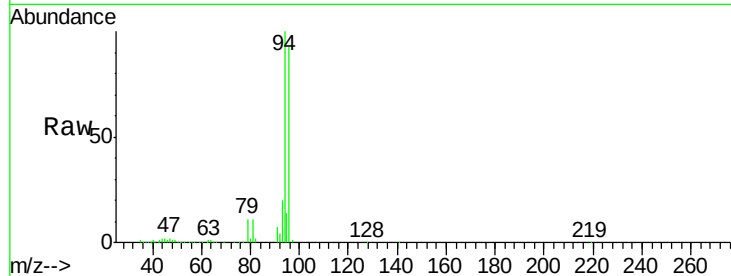
VSTDCCC050EC

Tot Ion: 94 Resp: 64745

Ion Ratio Lower Upper

94 100

96 92.9 75.5 113.3



#6

Chloroethane

Concen: 46.436 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007958.D

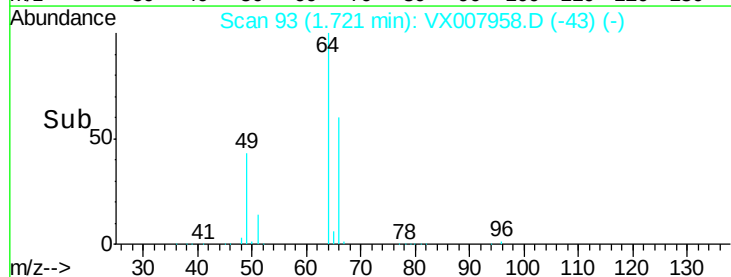
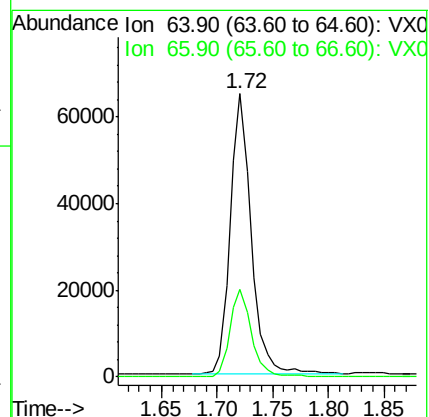
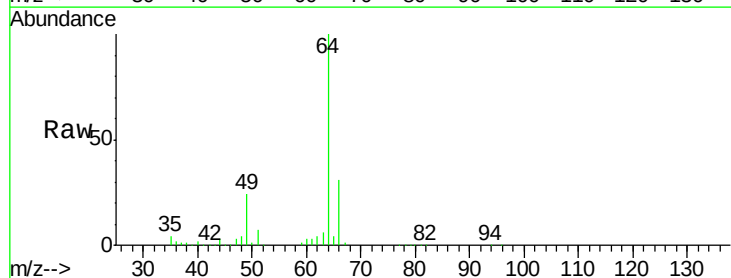
Acq: 09 Mar 2019 03:34

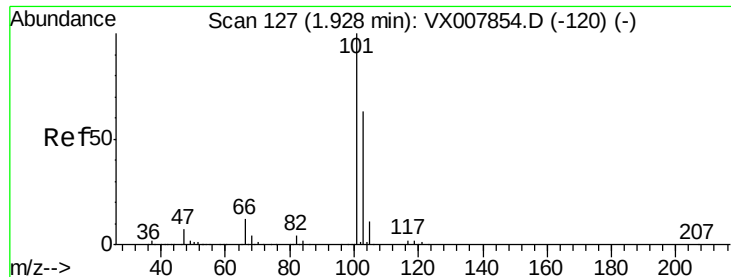
Tgt Ion: 64 Resp: 84213

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8



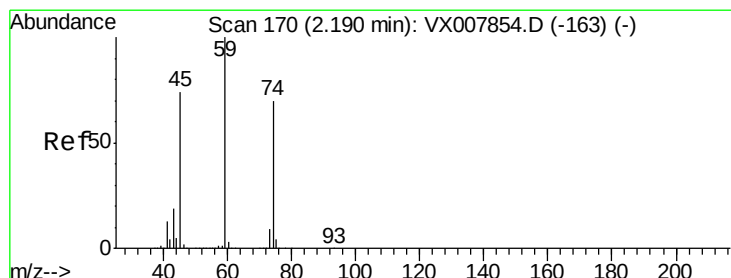
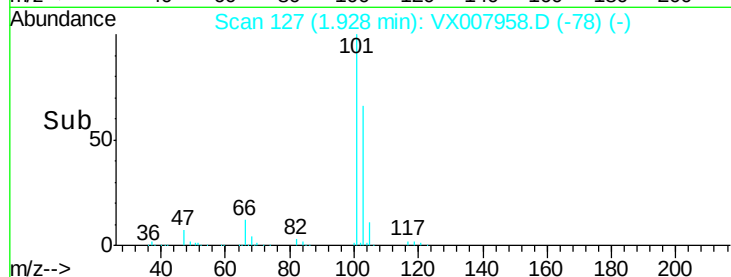
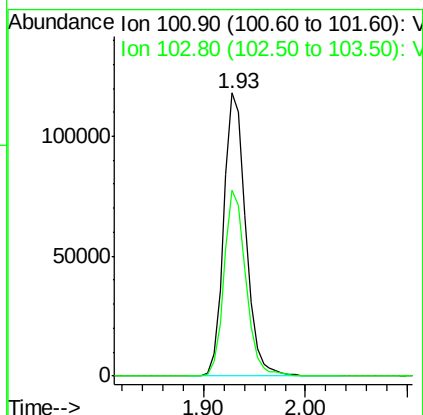
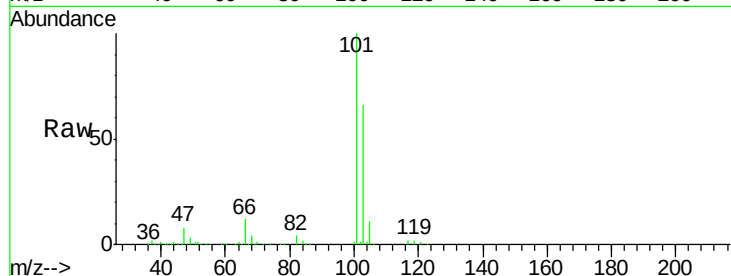


#7

Trichlorofluoromethane
 Concen: 49.644 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
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 VSTDCCC050EC

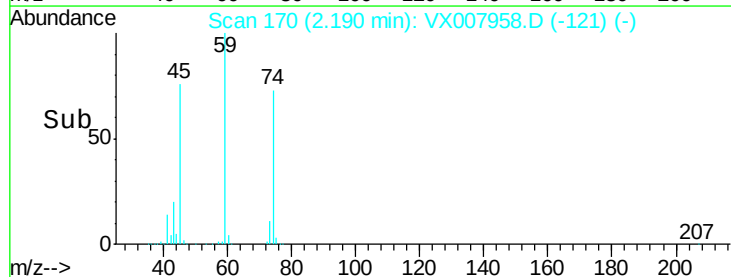
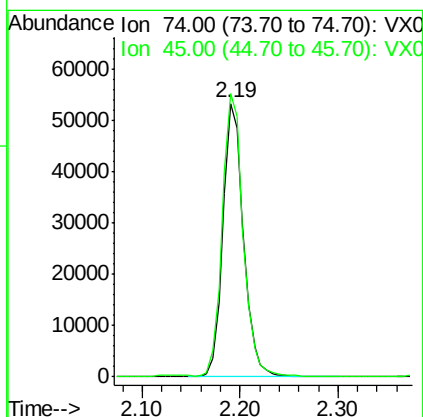
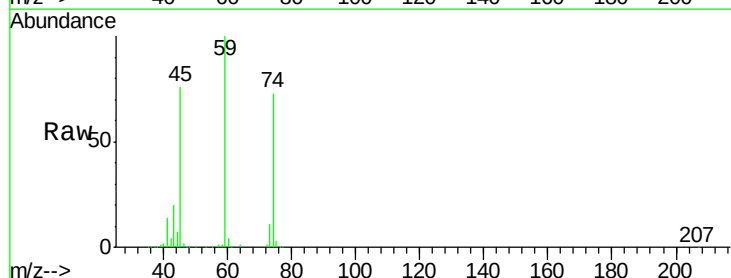
Tot Ion:101 Resp: 176446
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.4 75.6

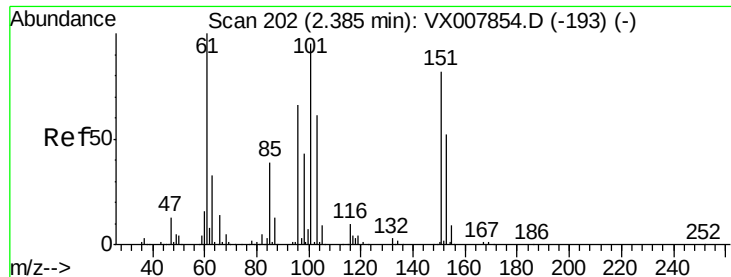


#8

Diethyl Ether
 Concen: 50.432 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 74 Resp: 77620
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.678 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

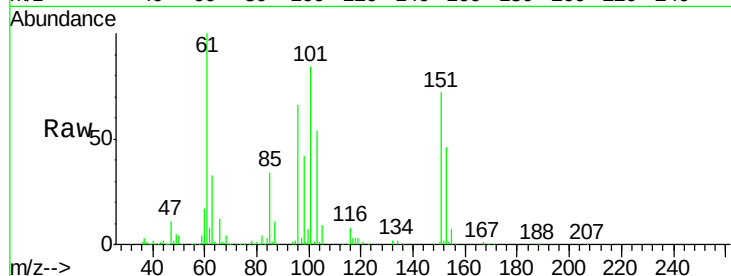
Tot Ion:101 Resp: 107215

Ion Ratio Lower Upper

101 100

85 41.1 33.8 50.6

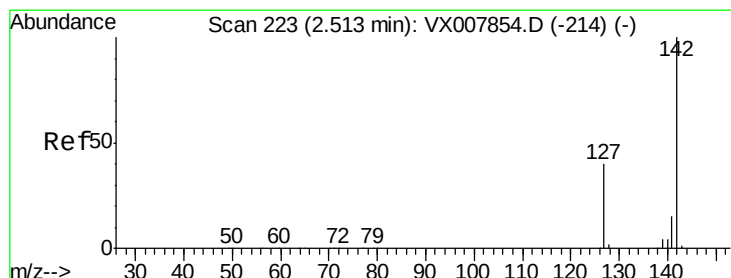
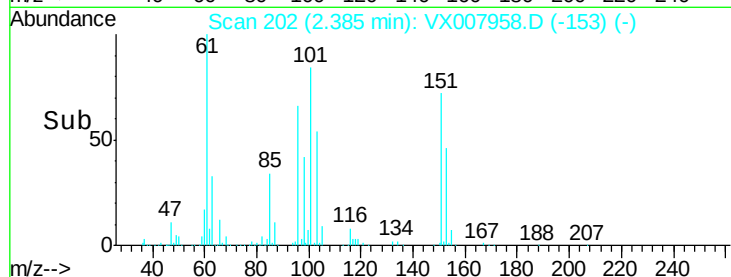
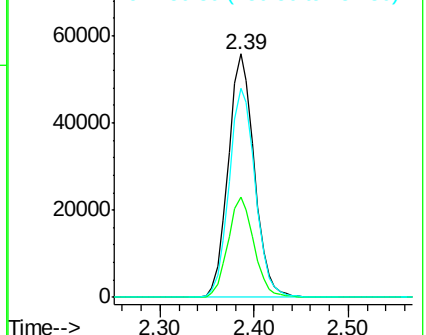
151 86.5 69.1 103.7



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: 53.783 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

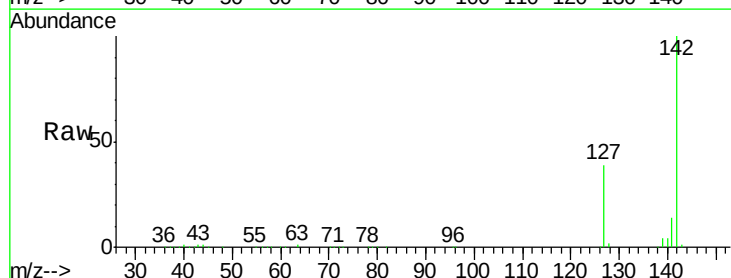
Tgt Ion:142 Resp: 168055

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

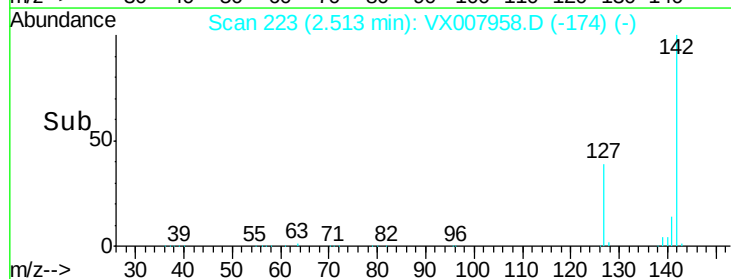
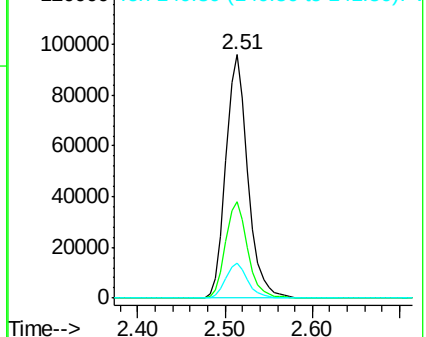
141 14.4 11.4 17.2

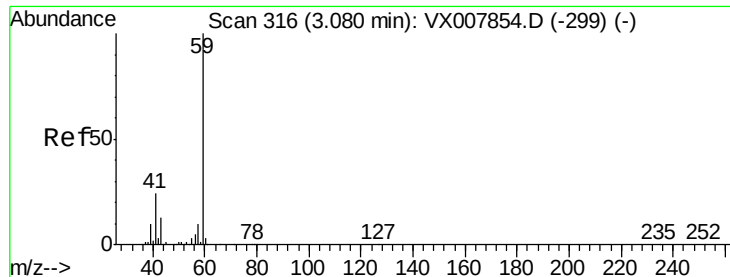


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

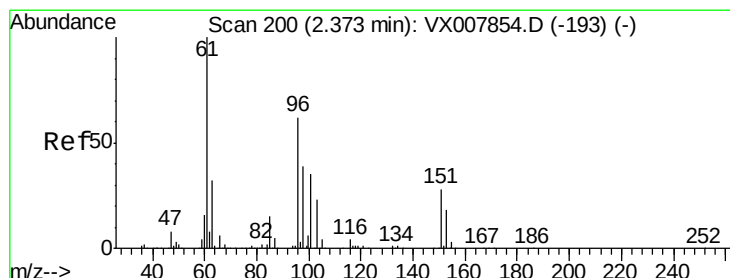
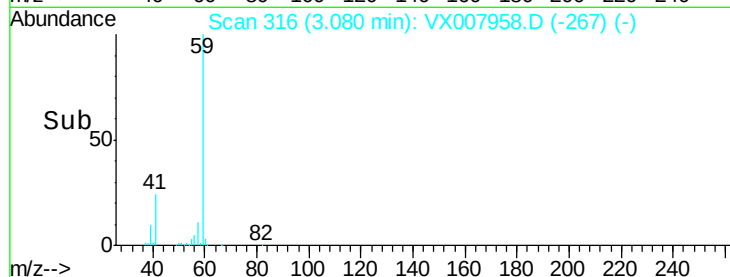
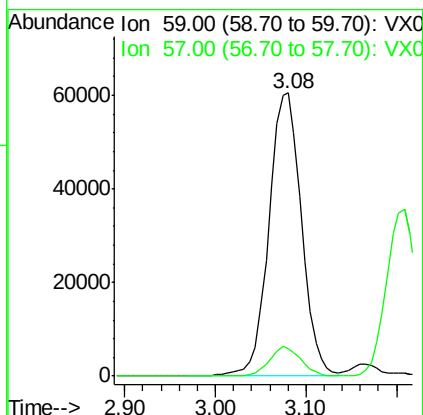
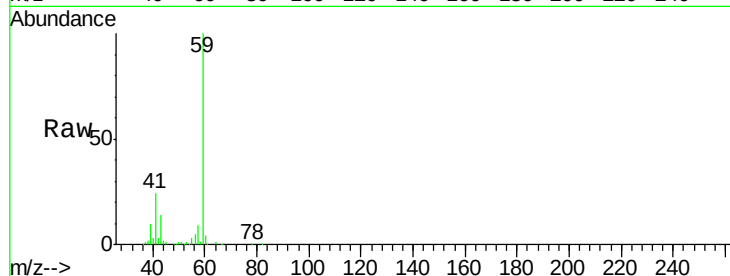




#11
Tert butyl alcohol
Concen: 255.915 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

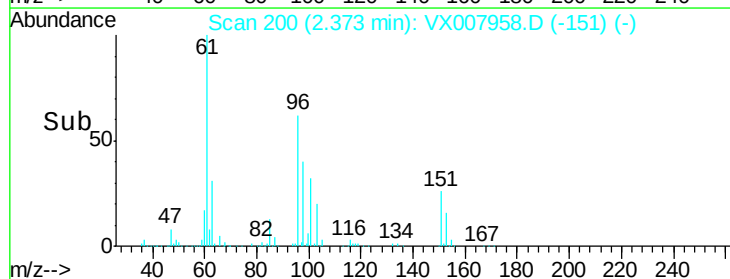
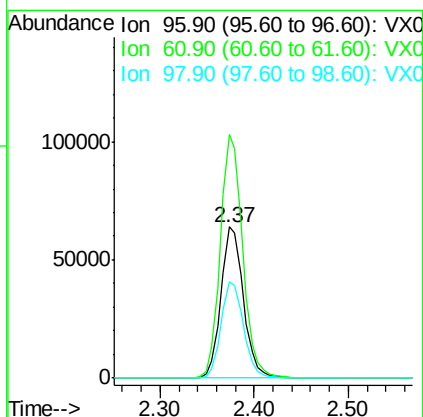
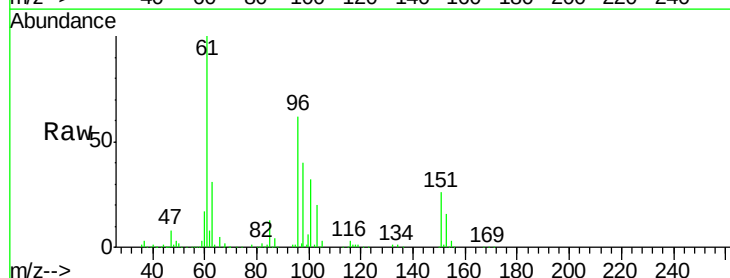
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

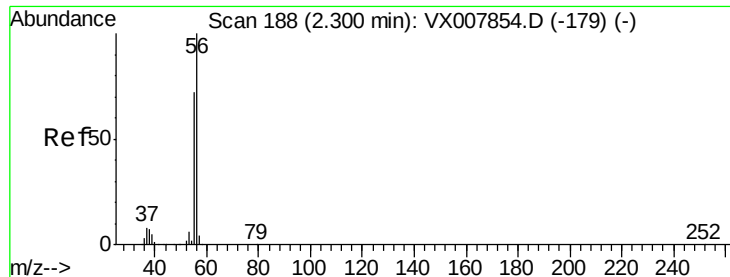
Tot Ion: 59 Resp: 150655
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.618 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 96 Resp: 105343
Ion Ratio Lower Upper
96 100
61 161.4 129.8 194.6
98 64.1 51.0 76.6





#13

Acrolein

Concen: 262.216 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

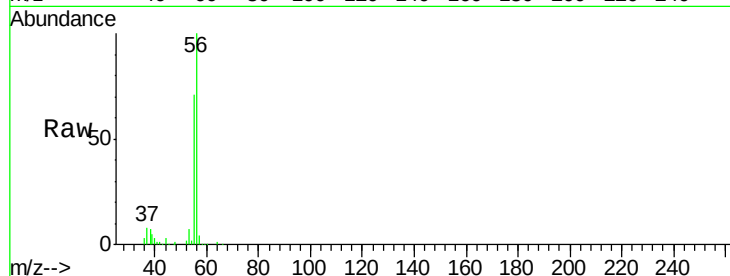
VSTDCCC050EC

Tot Ion: 56 Resp: 87381

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

10000

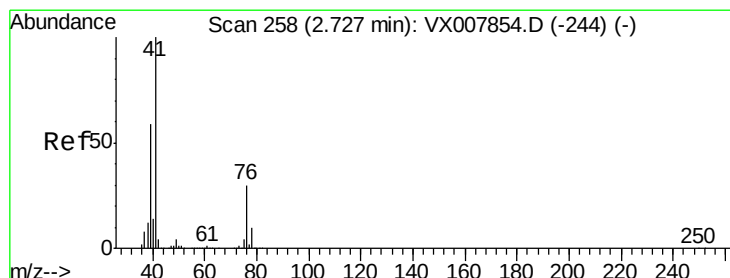
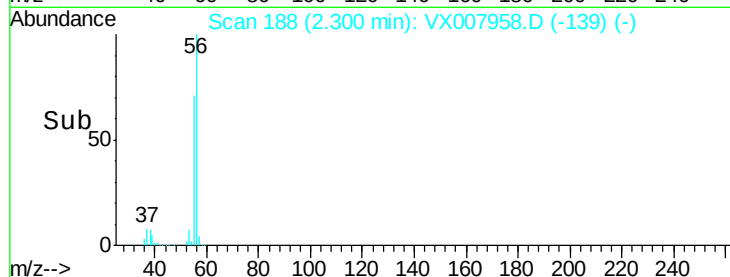
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 47.763 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

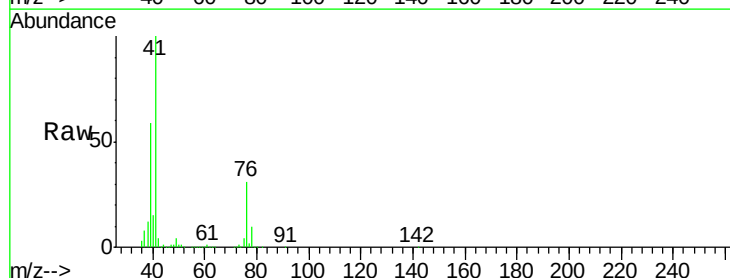
Tgt Ion: 41 Resp: 213084

Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 30.2 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

150000

100000

50000

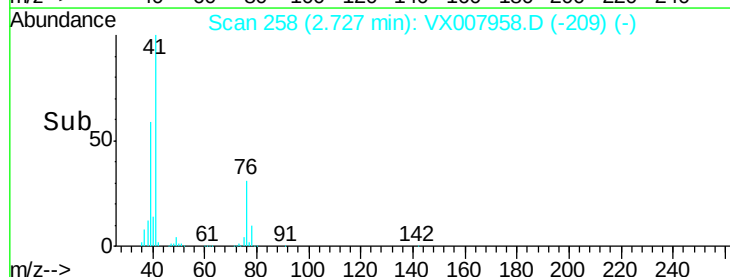
0

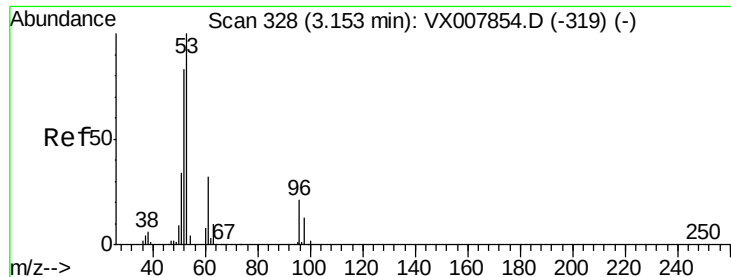
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 245.755 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

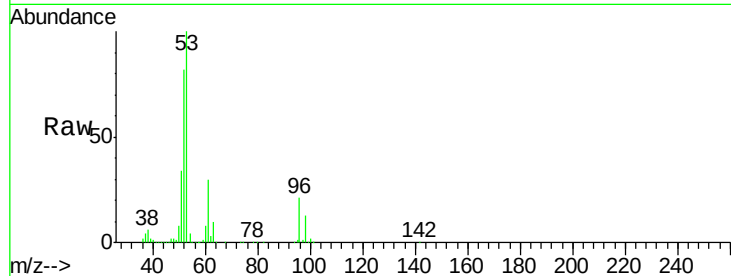
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 365170

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	35.3	28.0	42.0

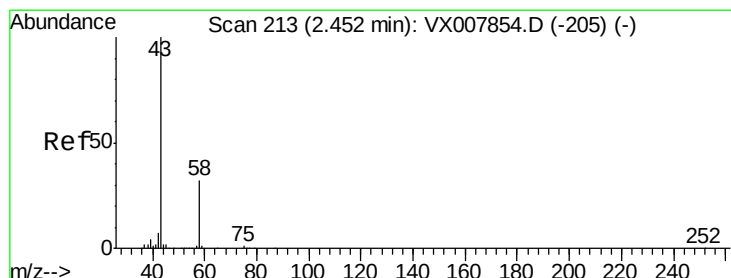
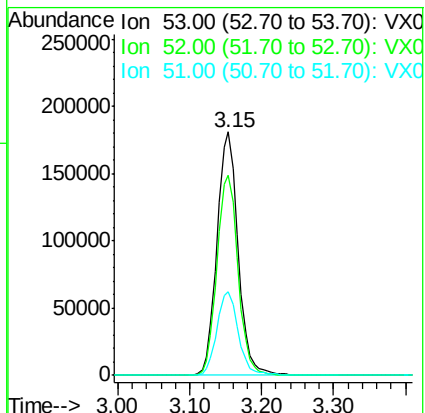
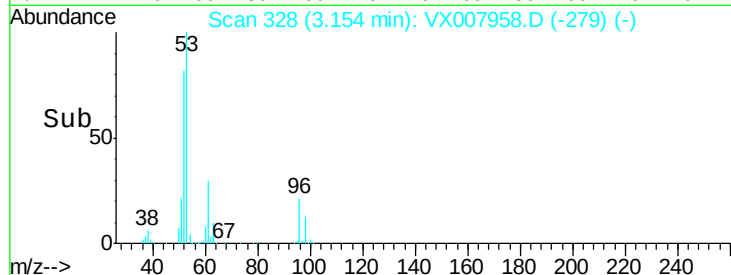


Abundance

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: 199.721 ug/l

RT: 2.45 min Scan# 212

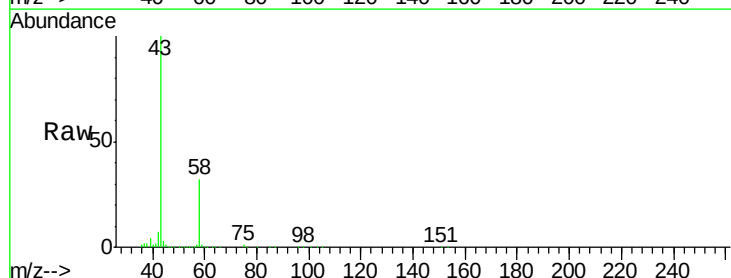
Delta R.T. -0.01 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion: 43 Resp: 304304

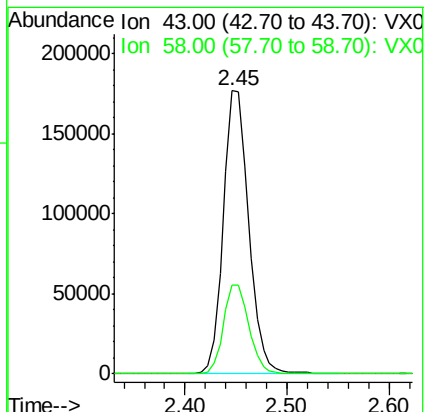
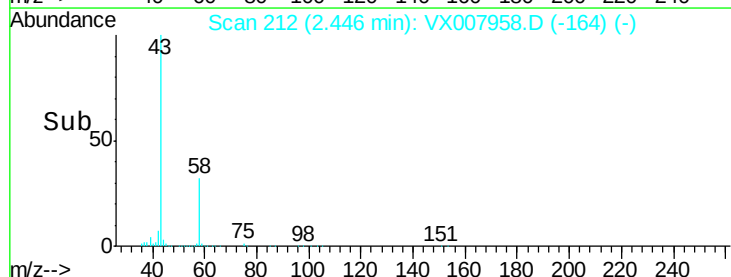
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.5	38.3

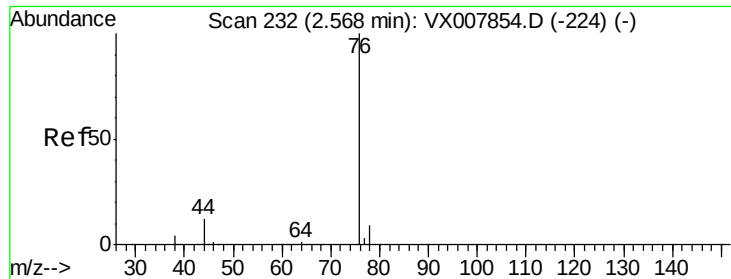


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.362 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

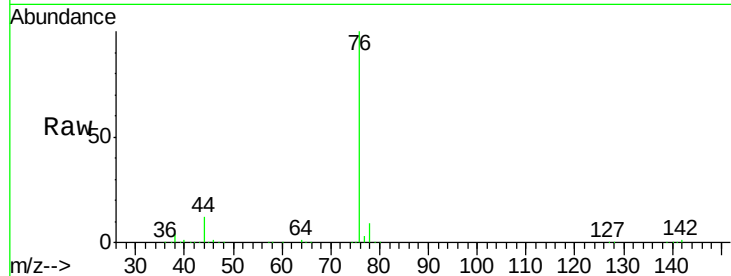
VSTDCCC050EC

Tot Ion: 76 Resp: 318289

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

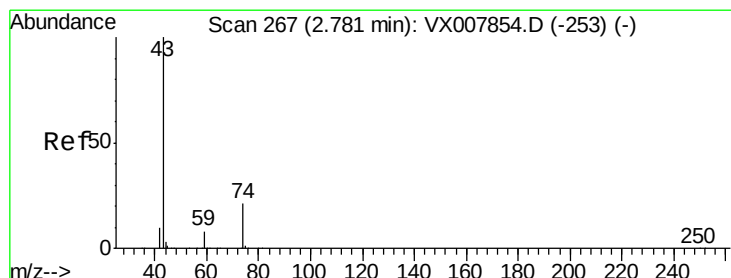
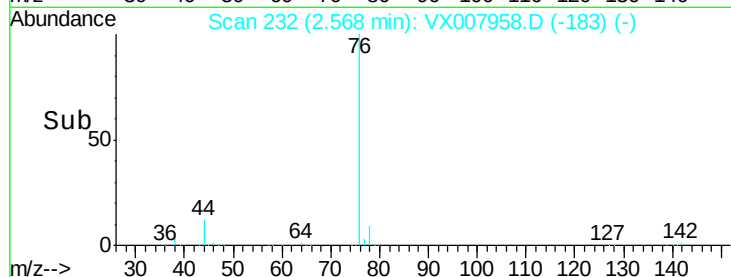
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 57.231 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007958.D

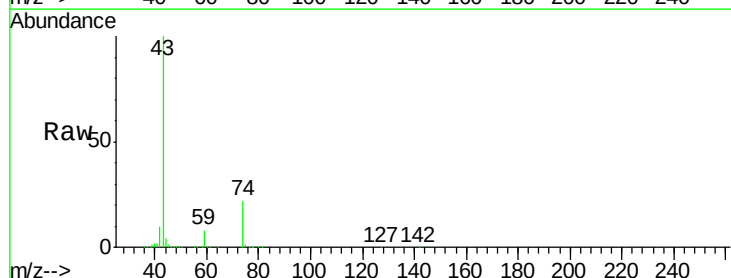
Acq: 09 Mar 2019 03:34

Tgt Ion: 43 Resp: 185250

Ion Ratio Lower Upper

43 100

74 21.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

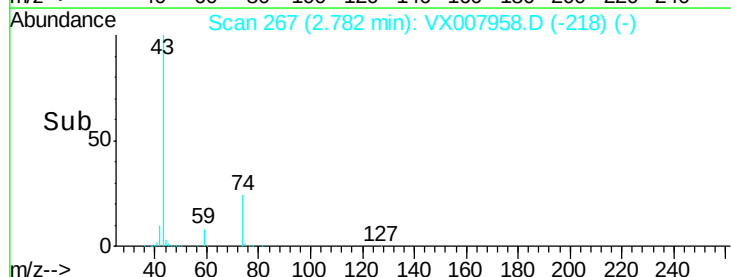
40000

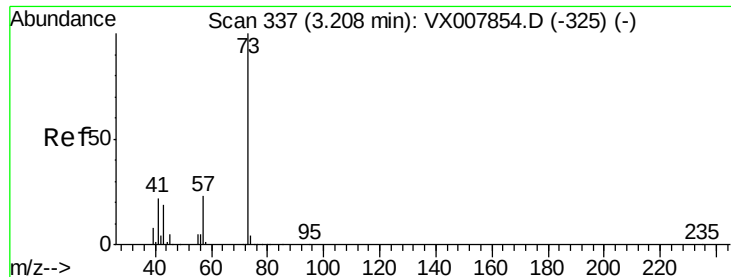
20000

0

2.70 2.80 2.90

Time-->

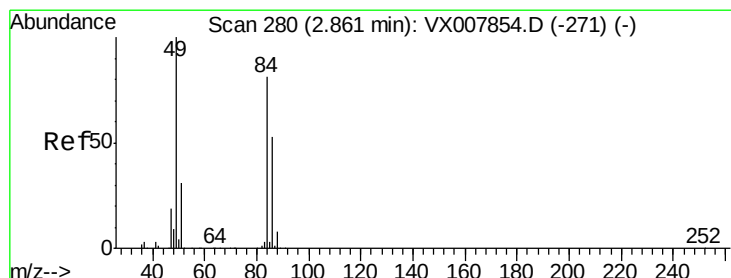
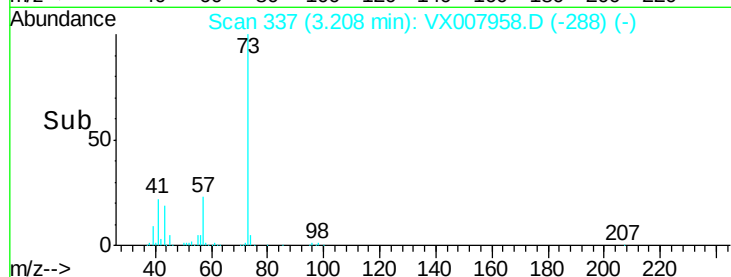
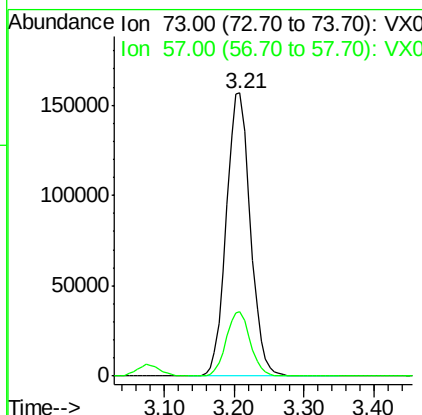
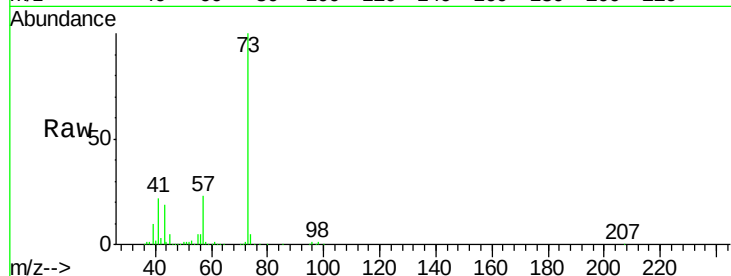




#19
Methyl tert-butyl Ether
Concen: 51.279 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

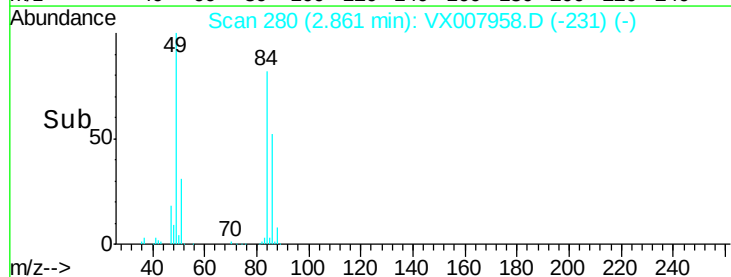
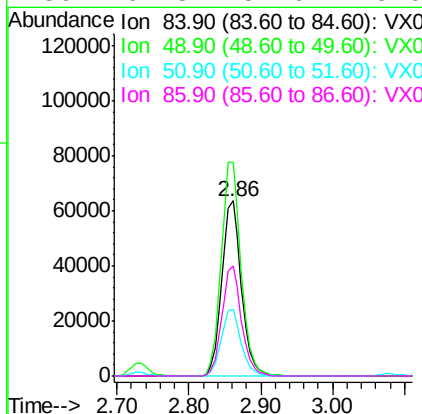
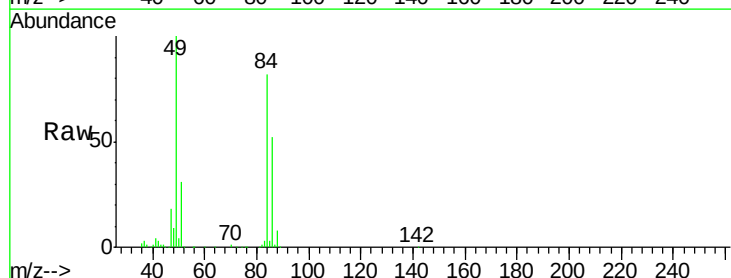
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

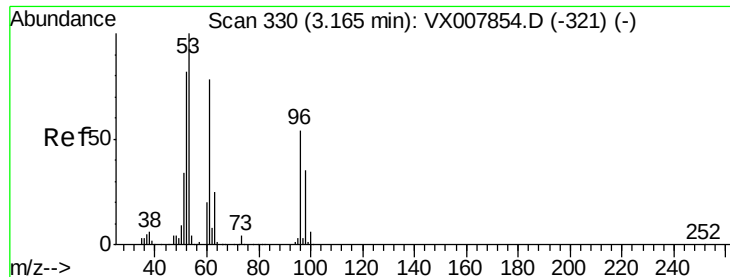
Tot Ion: 73 Resp: 374540
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 49.671 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 84 Resp: 120446
Ion Ratio Lower Upper
84 100
49 121.9 99.3 148.9
51 37.9 31.3 46.9
86 62.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.795 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

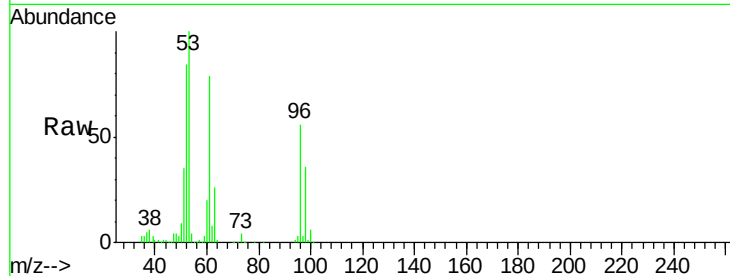
Tot Ion: 96 Resp: 113990

Ion Ratio Lower Upper

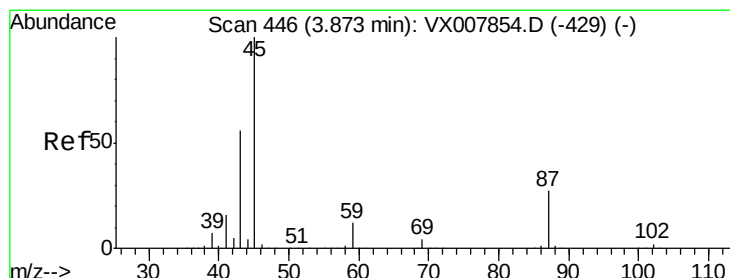
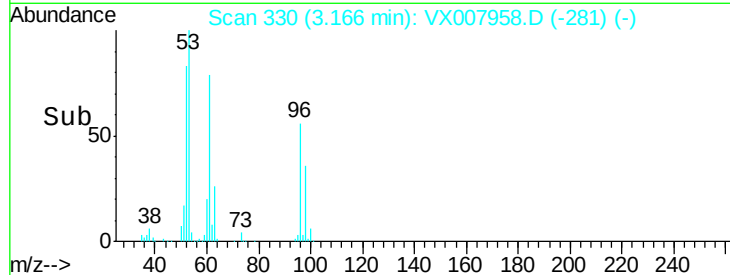
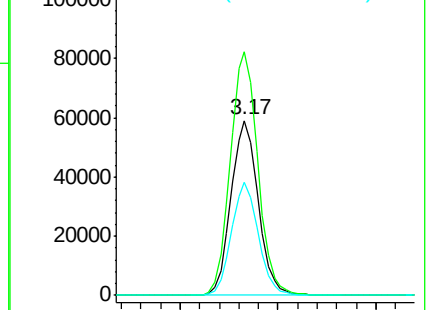
96 100

61 139.1 114.4 171.6

98 64.3 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: 49.379 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion: 45 Resp: 403823

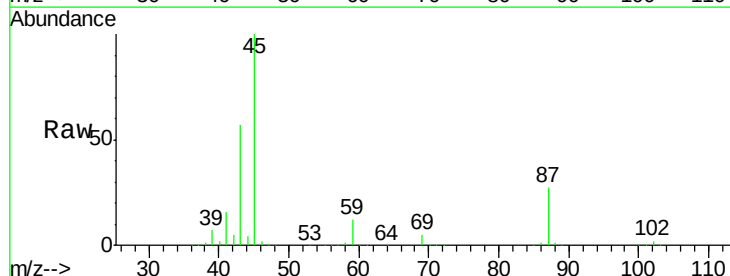
Ion Ratio Lower Upper

45 100

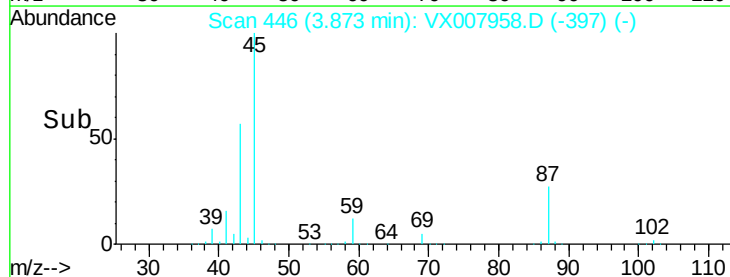
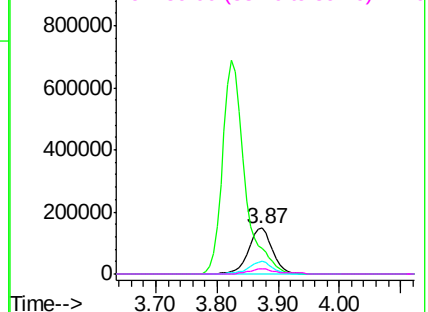
43 56.7 45.3 67.9

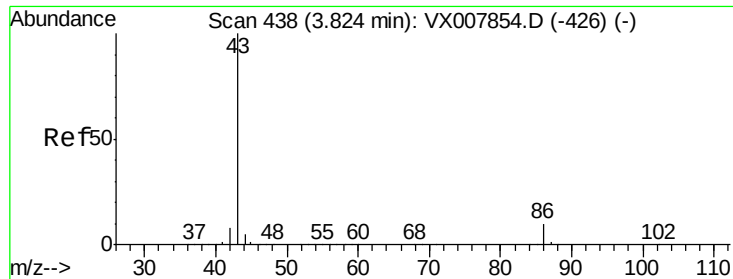
87 27.4 21.4 32.0

59 11.7 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: 243.376 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

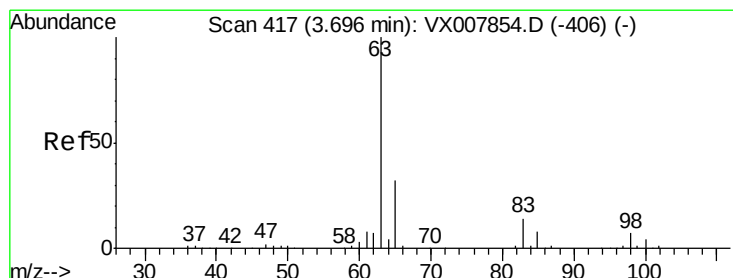
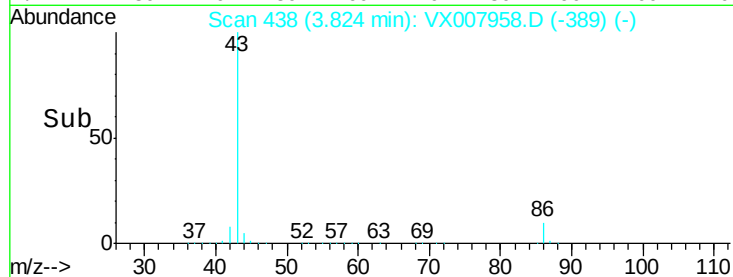
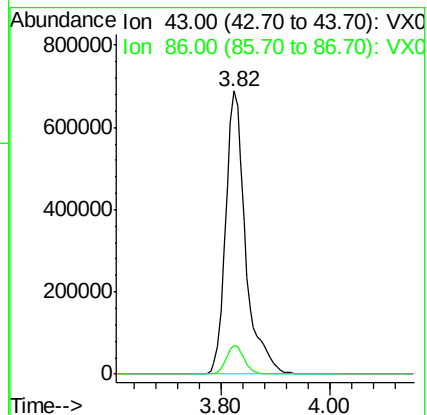
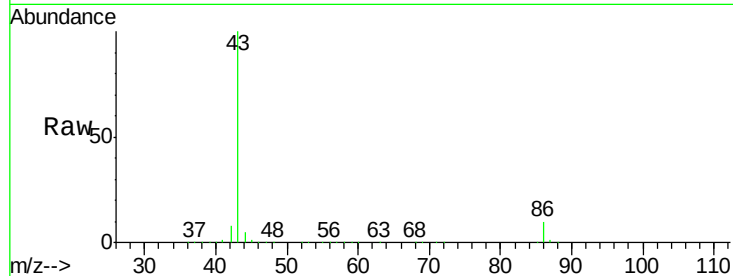
VSTDCCC050EC

Tot Ion: 43 Resp: 1745371

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.002 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

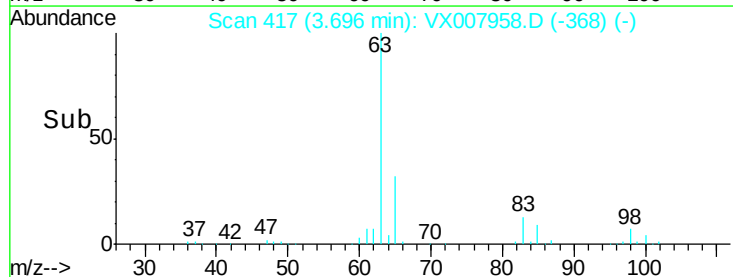
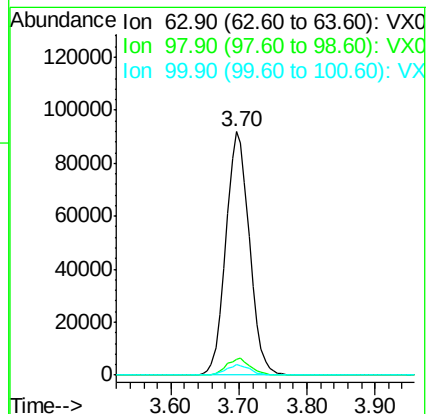
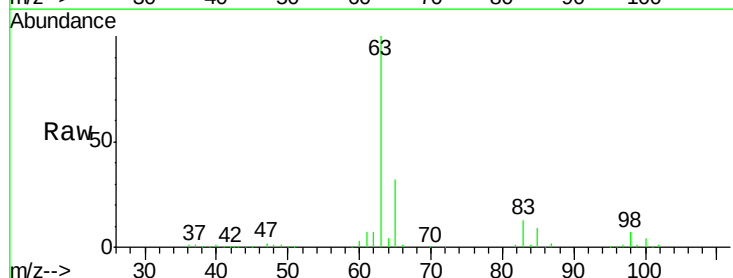
Tgt Ion: 63 Resp: 220059

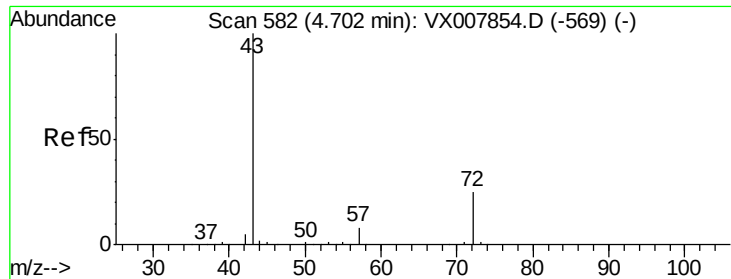
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 231.930 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

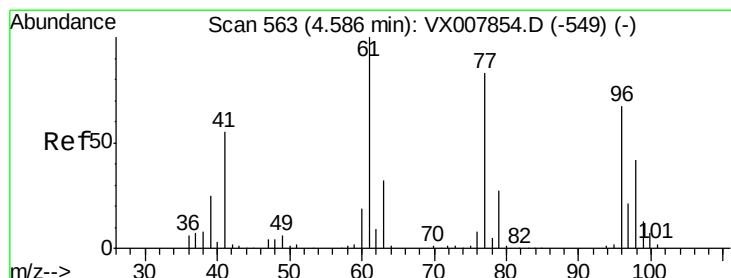
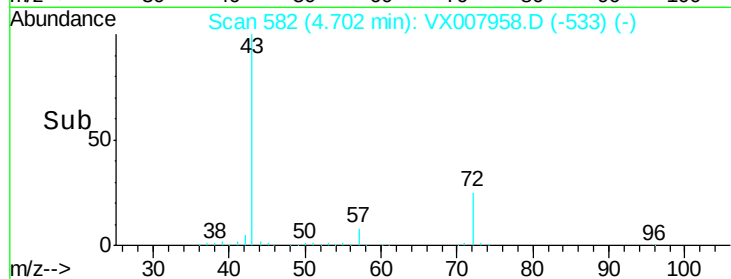
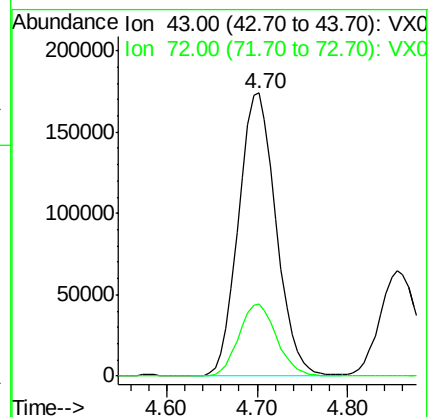
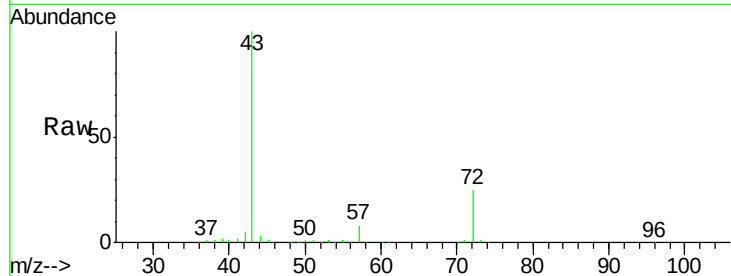
VSTDCCC050EC

Tot Ion: 43 Resp: 500293

Ion Ratio Lower Upper

43 100

72 25.4 19.9 29.9



#26

2,2-Dichloropropane

Concen: 39.343 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007958.D

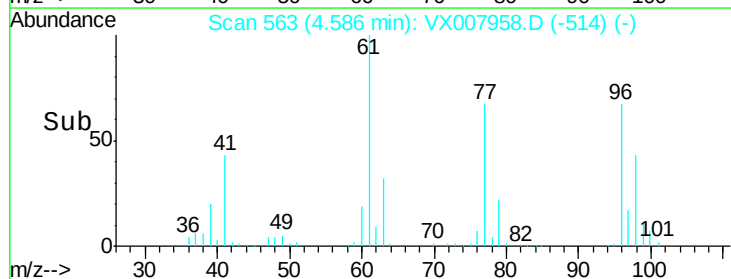
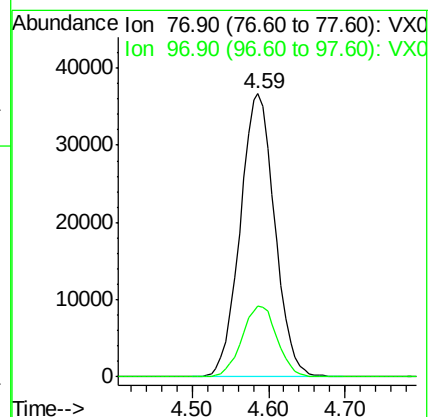
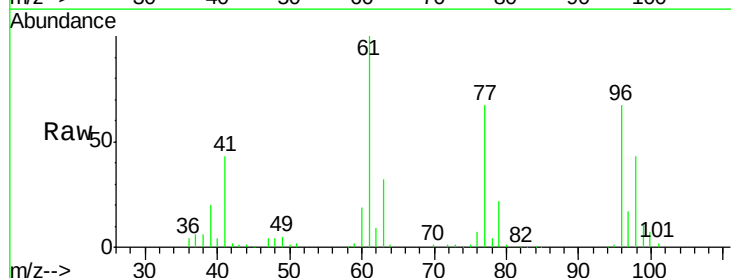
Acq: 09 Mar 2019 03:34

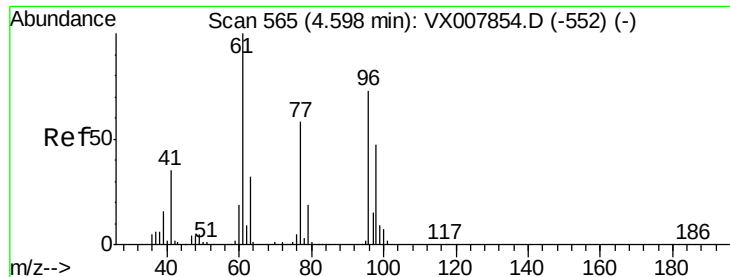
Tgt Ion: 77 Resp: 114711

Ion Ratio Lower Upper

77 100

97 25.5 12.2 36.6



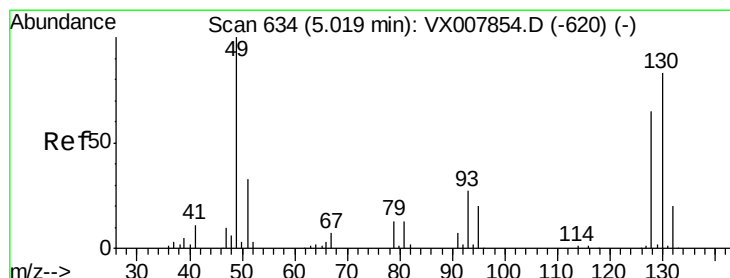
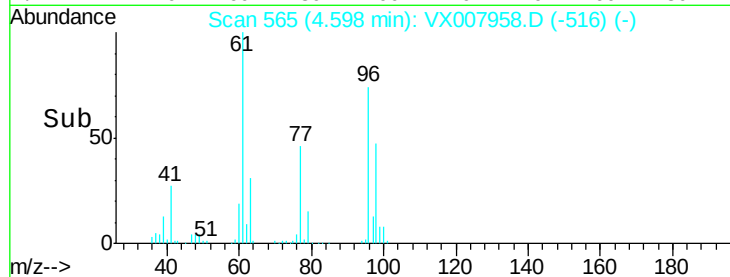
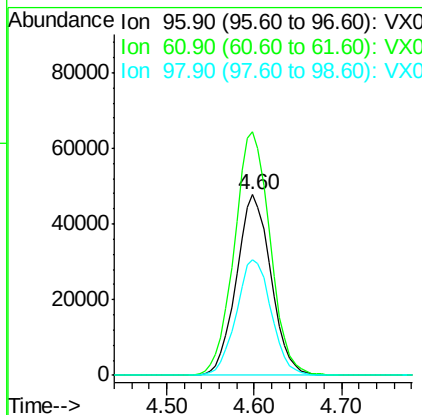
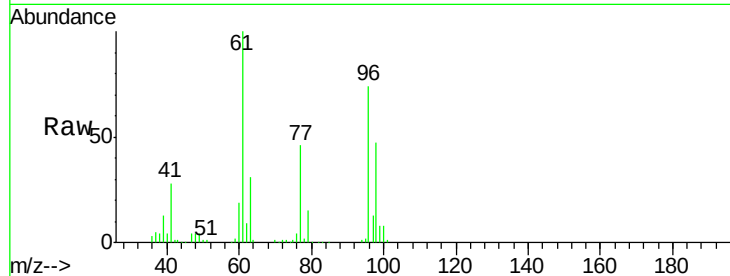


#27

cis-1,2-Dichloroethene
 Concen: 48.992 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

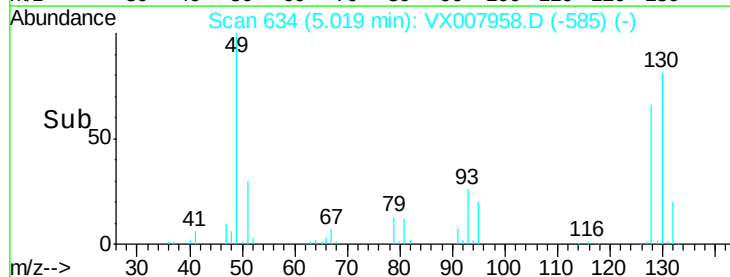
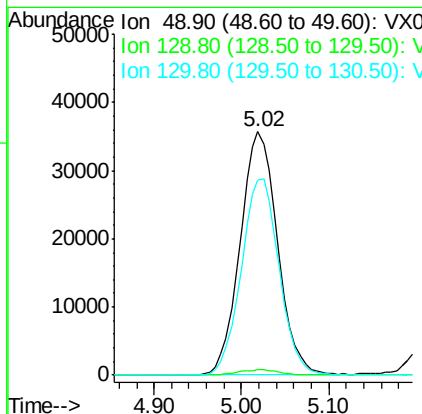
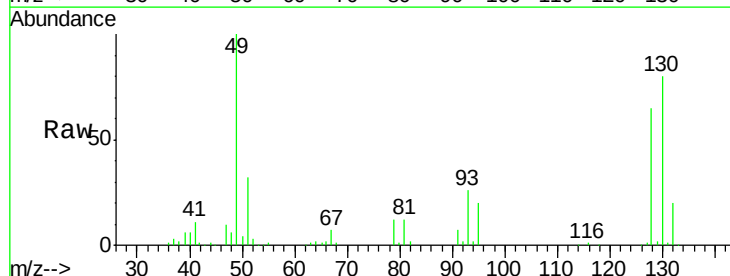
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	288.0
98	64.9	0.0	129.0

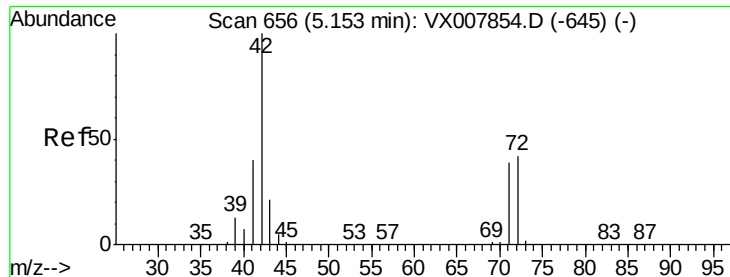


#28

Bromochloromethane
 Concen: 51.702 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.5	65.0	97.4

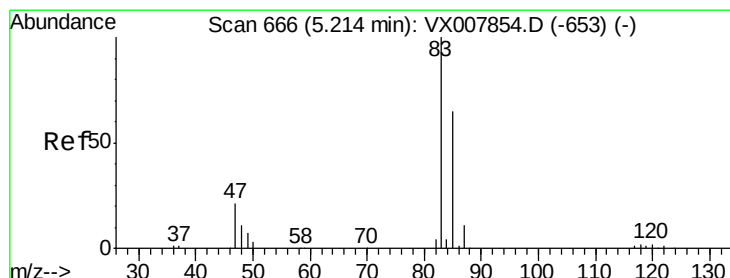
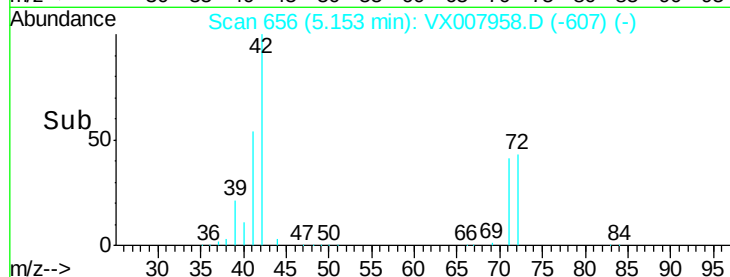
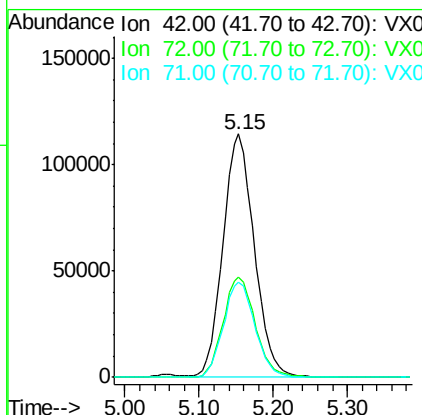
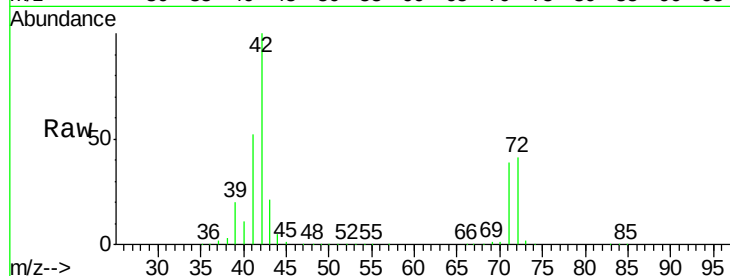




#29
Tetrahydrofuran
Concen: 248.858 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

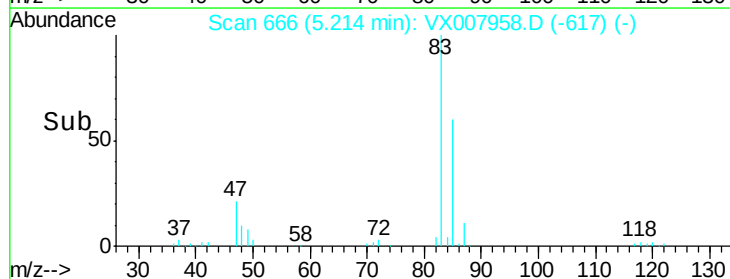
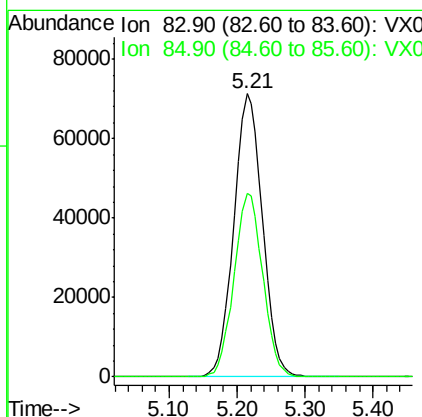
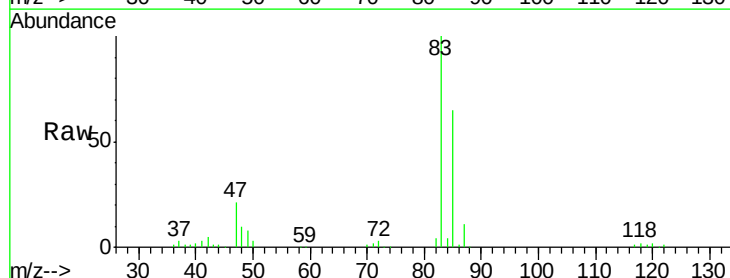
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

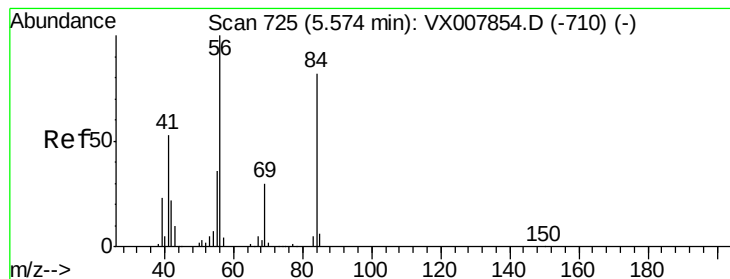
Tot Ion: 42 Resp: 334842
Ion Ratio Lower Upper
42 100
72 42.6 33.8 50.6
71 39.8 31.5 47.3



#30
Chloroform
Concen: 50.083 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 83 Resp: 208500
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6





#31

Cyclohexane

Concen: 49.106 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

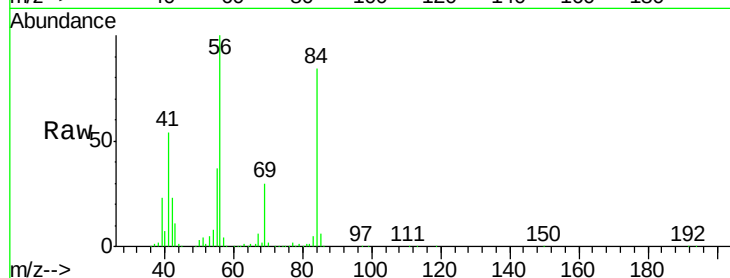
Tot Ion: 56 Resp: 198623

Ion Ratio Lower Upper

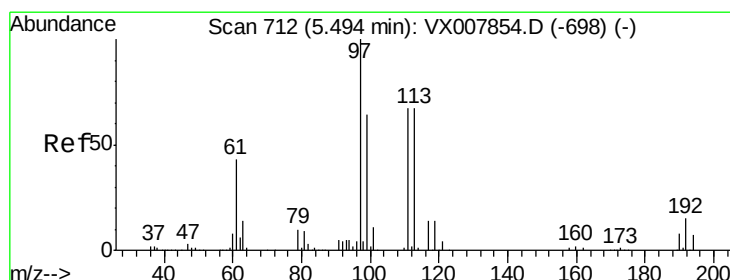
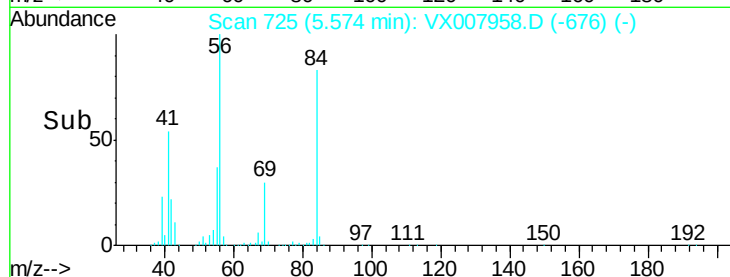
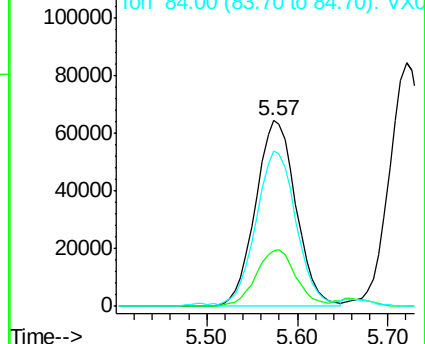
56 100

69 30.0 24.0 36.0

84 82.4 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: 50.612 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

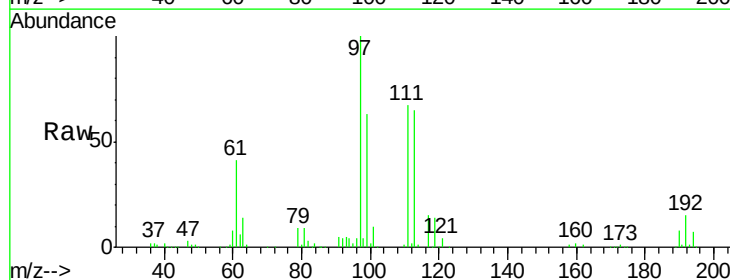
Tgt Ion: 97 Resp: 174818

Ion Ratio Lower Upper

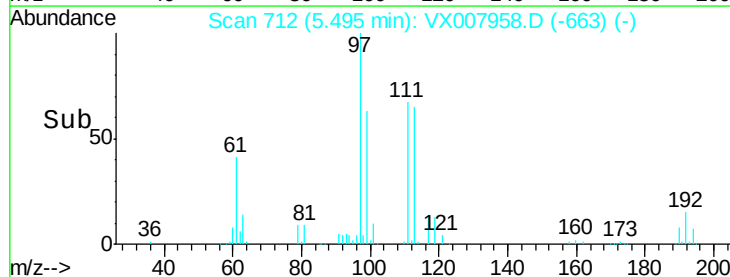
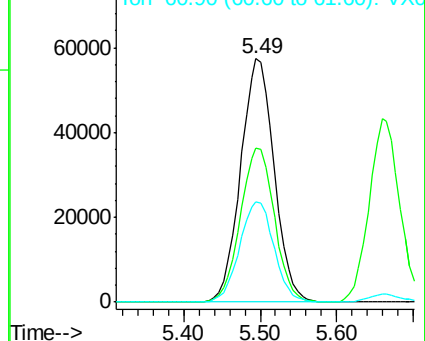
97 100

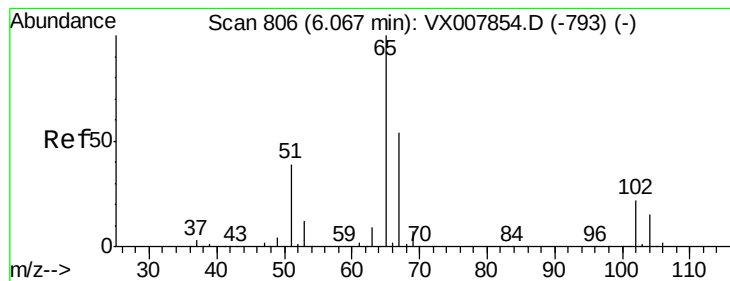
99 64.3 52.2 78.2

61 42.4 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: 50.505 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

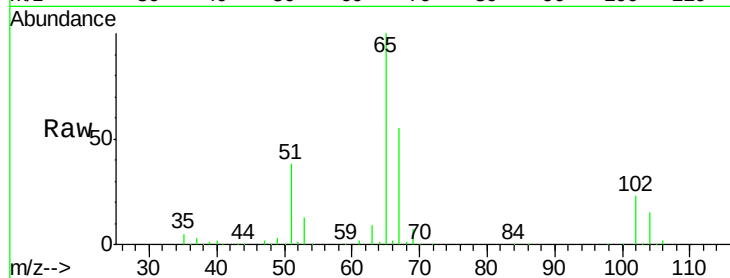
VSTDCCC050EC

Tot Ion: 65 Resp: 132948

Ion Ratio Lower Upper

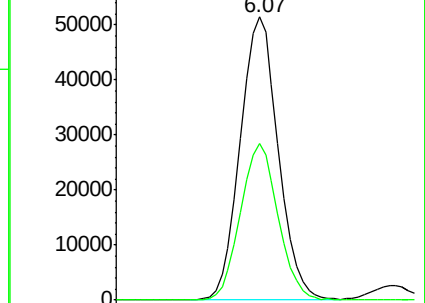
65 100

67 54.9 0.0 110.0

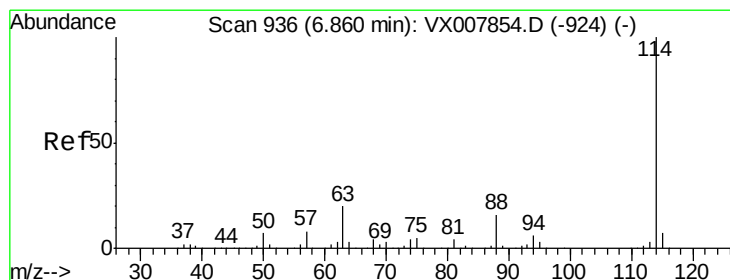
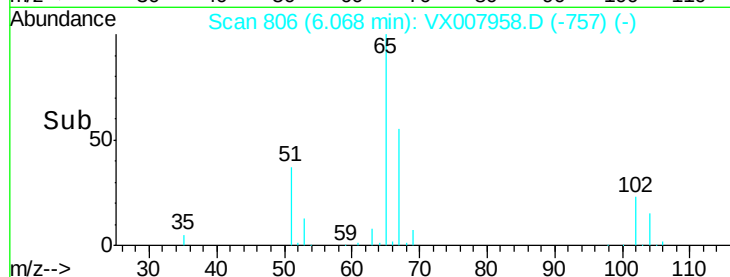


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

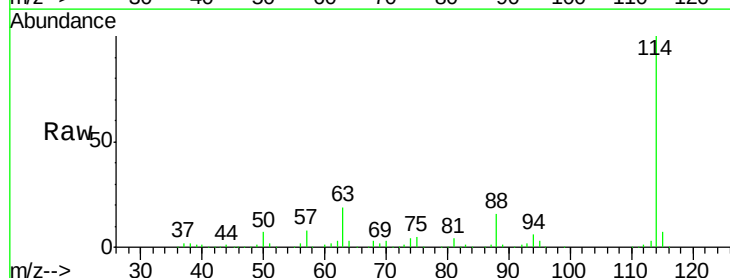
Tgt Ion: 114 Resp: 370710

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

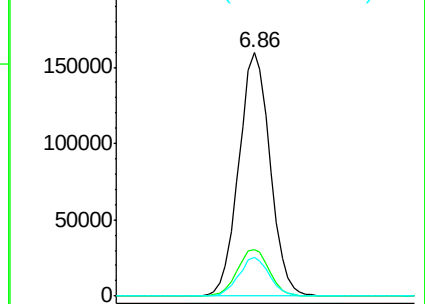
88 15.8 0.0 31.4



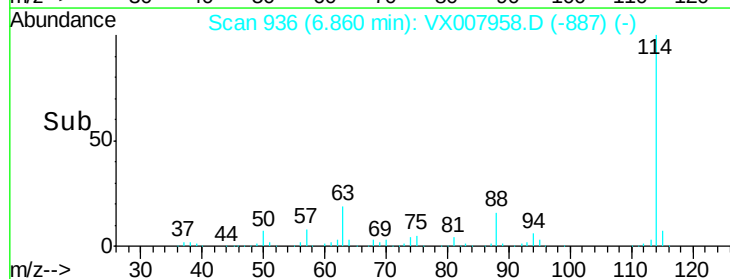
Abundance Ion 113.90 (113.60 to 114.60): V

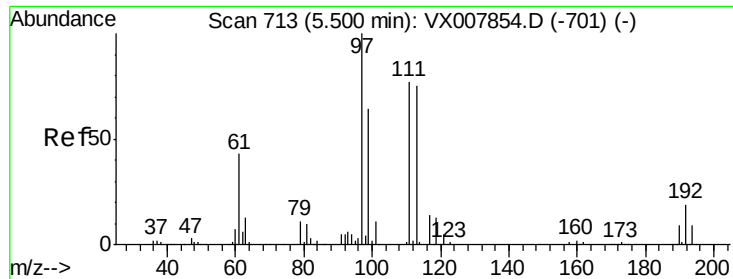
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->

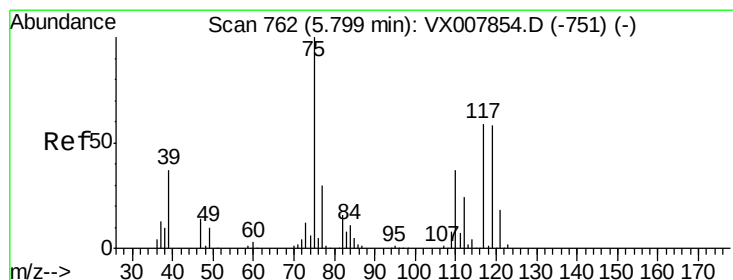
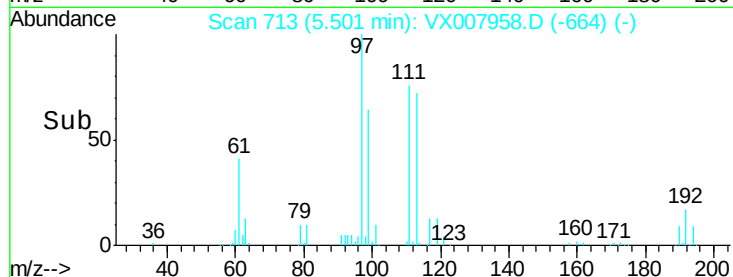
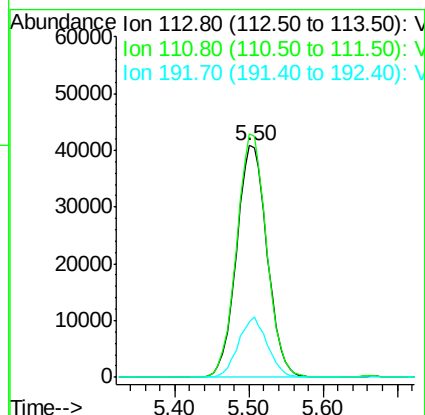
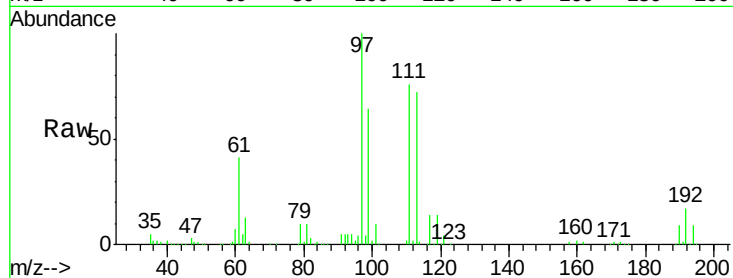




#35
 Dibromofluoromethane
 Concen: 49.742 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

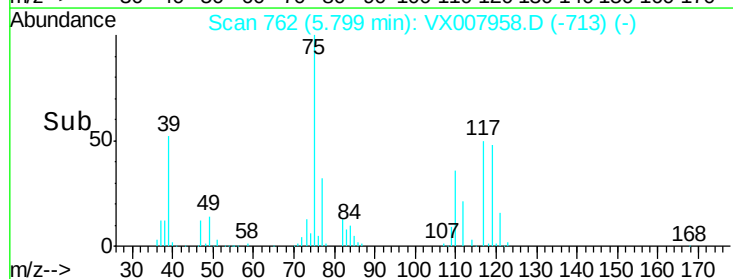
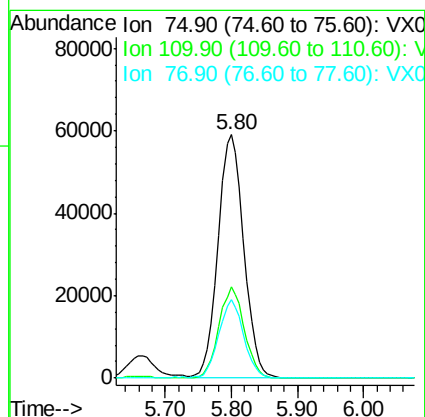
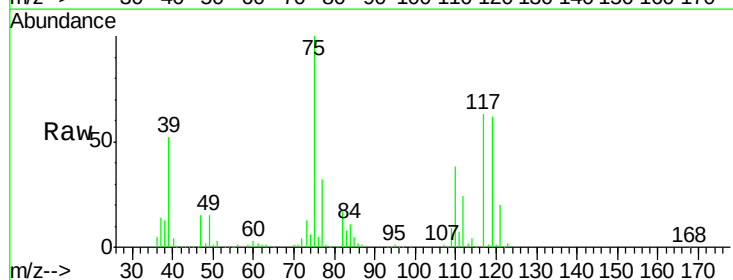
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

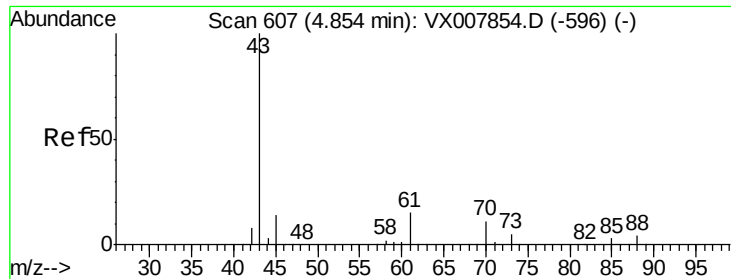
Tot Ion:113 Resp: 117953
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.5 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 47.547 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 75 Resp: 159600
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.0
 77 31.2 25.0 37.4

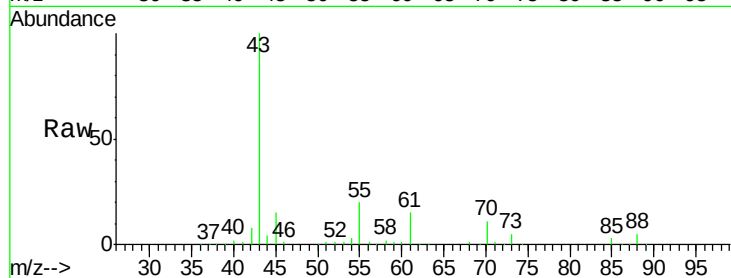




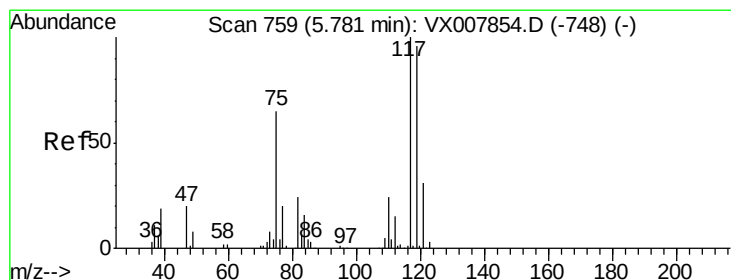
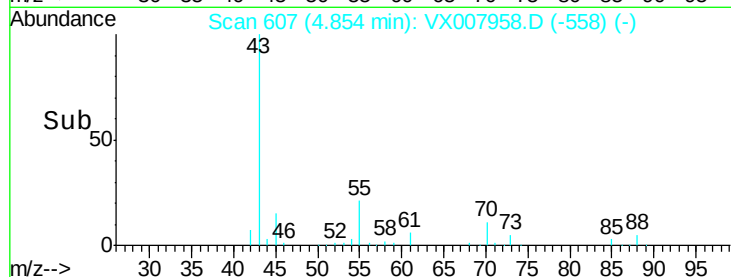
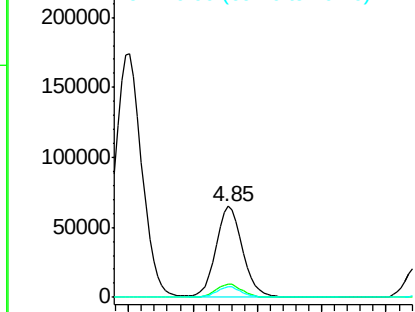
#37
Ethyl Acetate
Concen: 47.590 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 189569
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.0 8.5 12.7

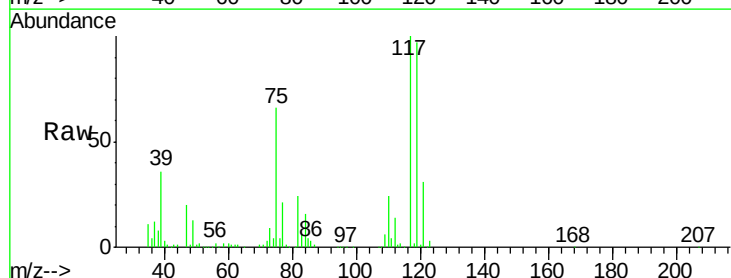


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

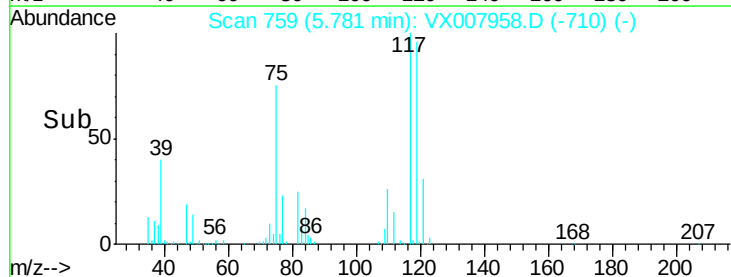
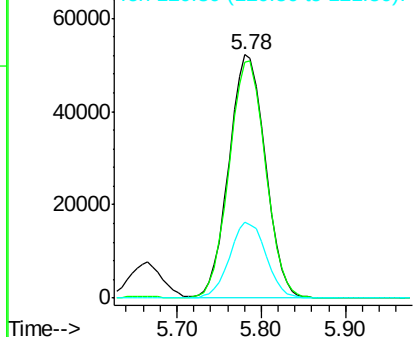


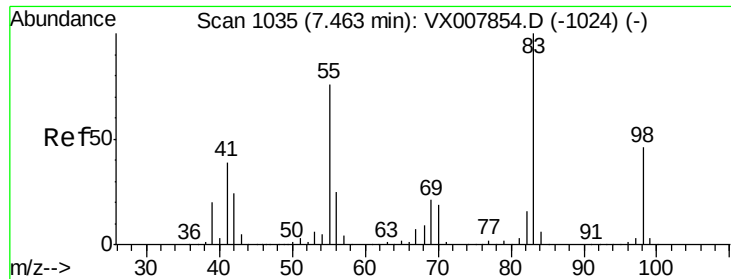
#38
Carbon Tetrachloride
Concen: 48.245 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 117 Resp: 153744
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2
121 31.4 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

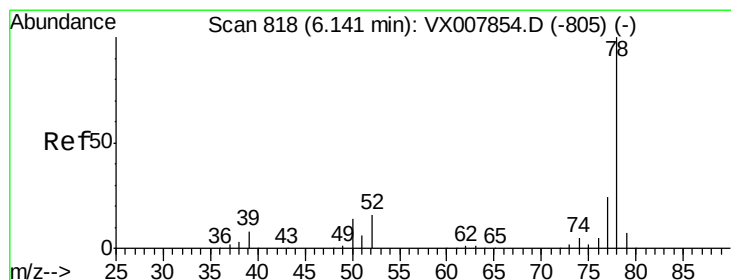
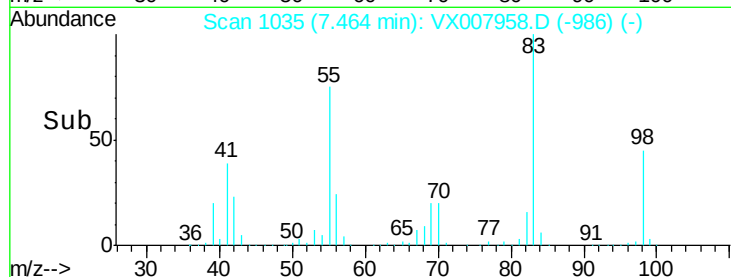
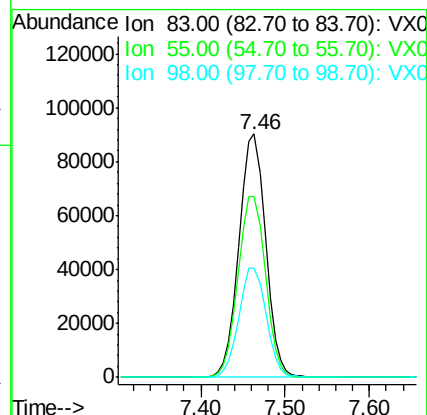
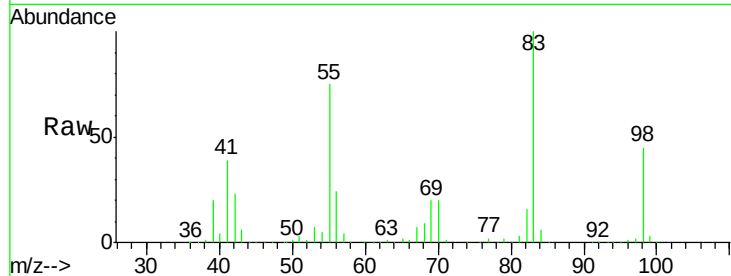




#39
Methylvlcyclohexane
Concen: 47.428 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

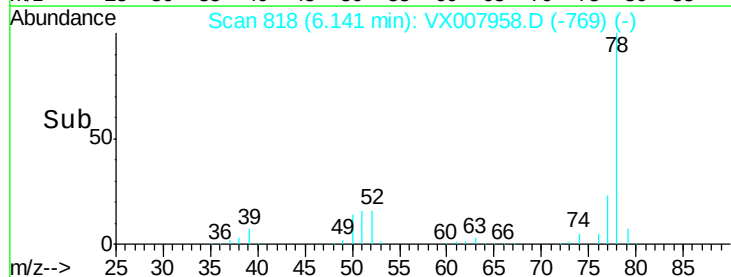
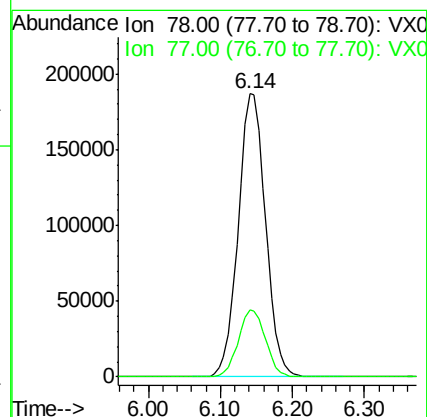
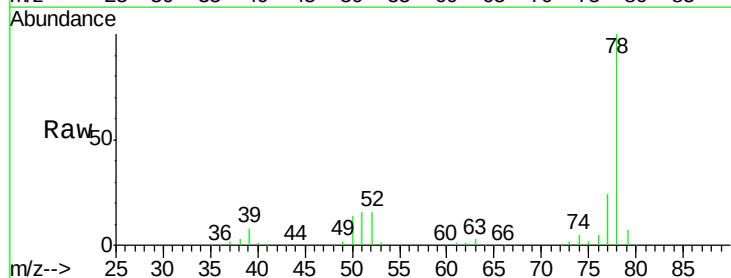
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

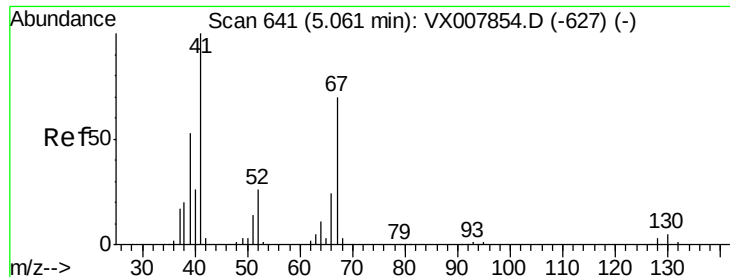
Tot Ion	83	Resp	192909
Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.4	90.6
98	45.1	36.5	54.7



#40
Benzene
Concen: 49.175 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	78	Resp	491411
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 48.988 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 106389

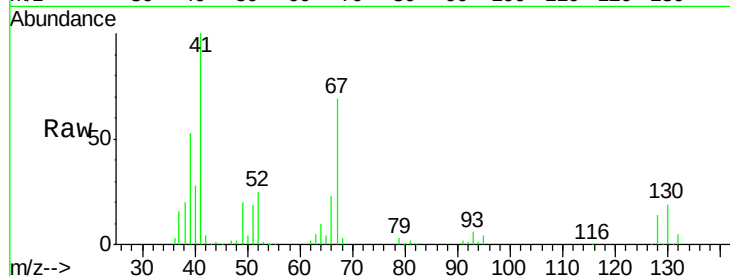
Ion Ratio Lower Upper

41 100

39 52.2 41.6 62.4

67 69.5 55.8 83.6

52 28.0 21.7 32.5

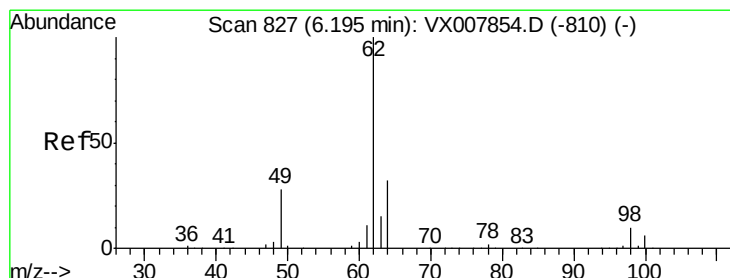
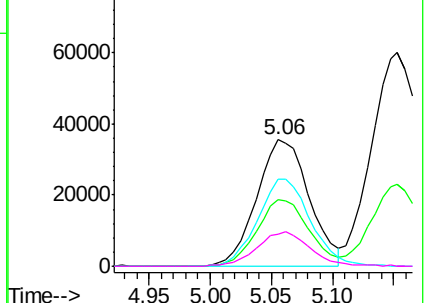
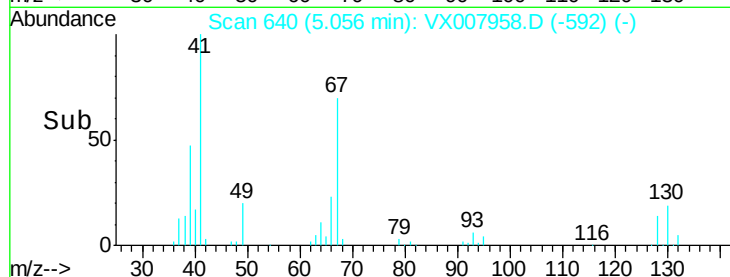


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.548 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007958.D

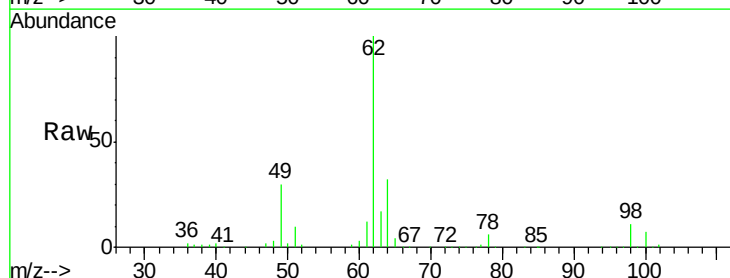
Acq: 09 Mar 2019 03:34

Tgt Ion: 62 Resp: 158659

Ion Ratio Lower Upper

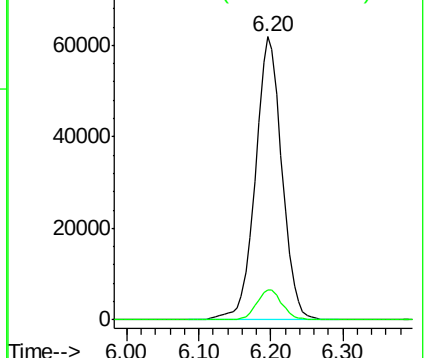
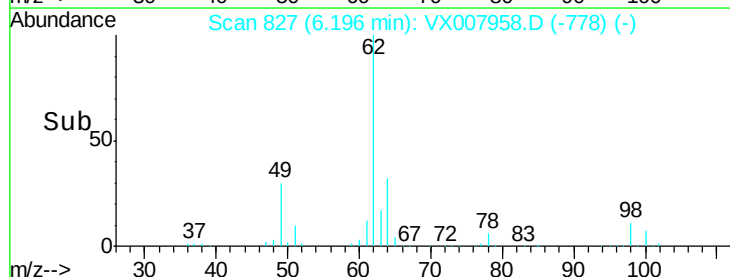
62 100

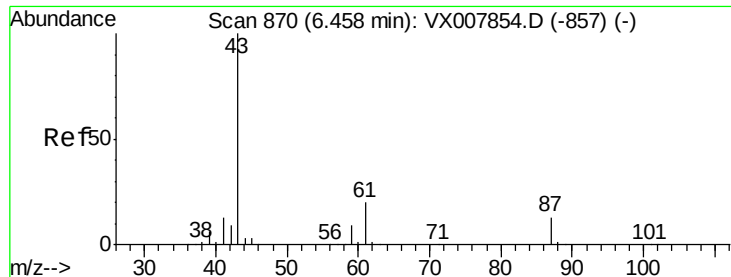
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.133 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

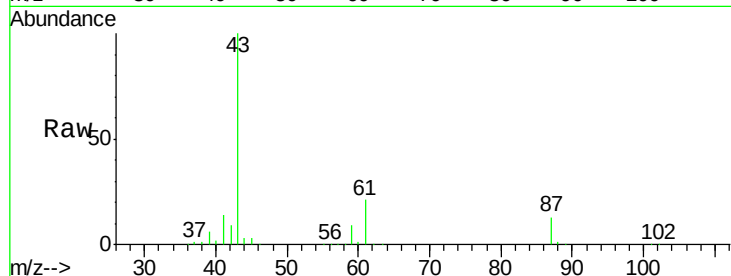
Tot Ion: 43 Resp: 289652

Ion Ratio Lower Upper

43 100

61 20.8 16.3 24.5

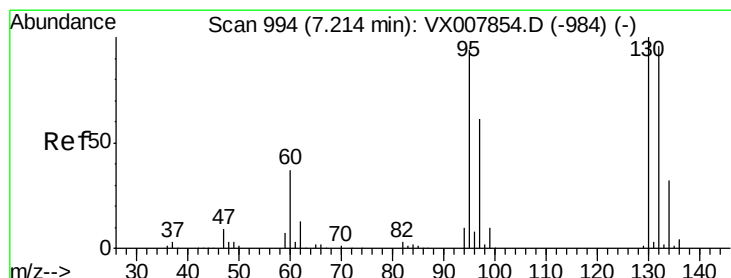
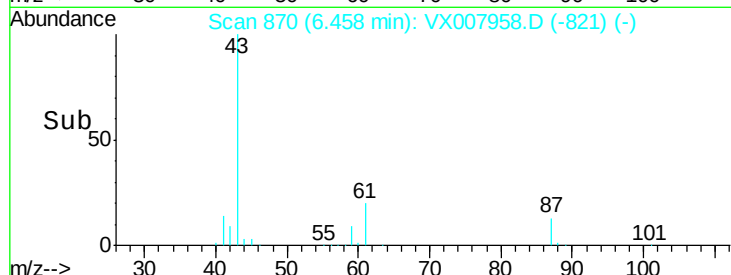
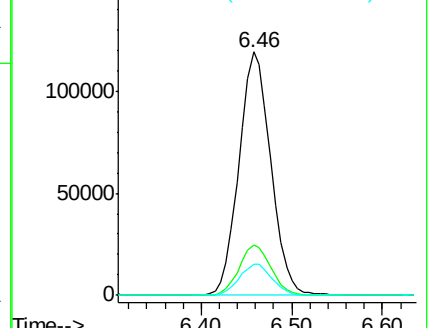
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.432 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007958.D

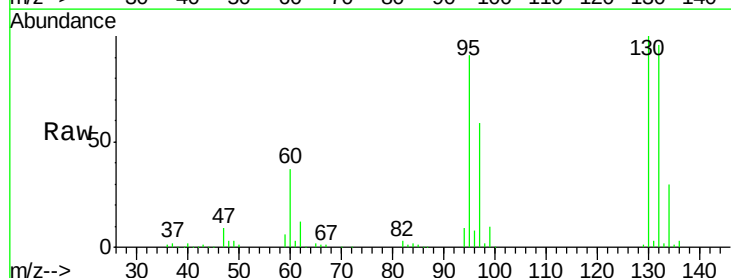
Acq: 09 Mar 2019 03:34

Tgt Ion:130 Resp: 133377

Ion Ratio Lower Upper

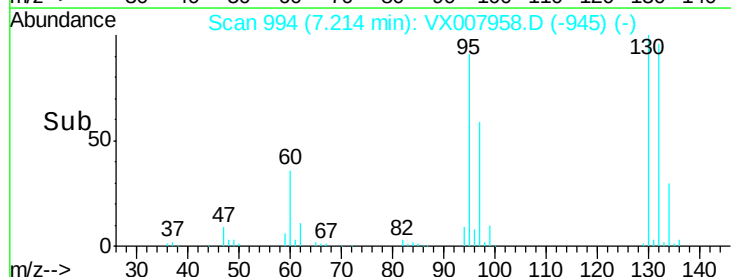
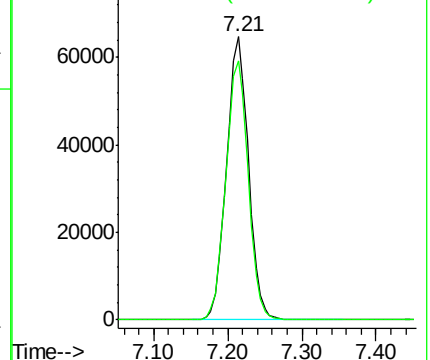
130 100

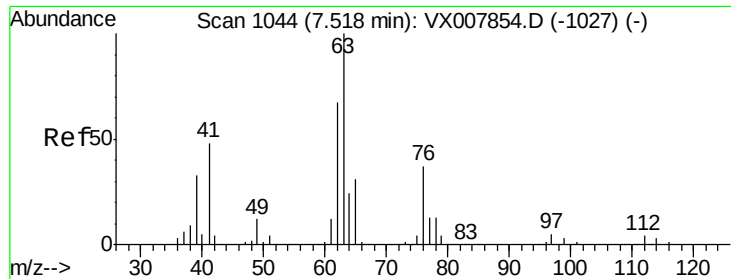
95 91.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

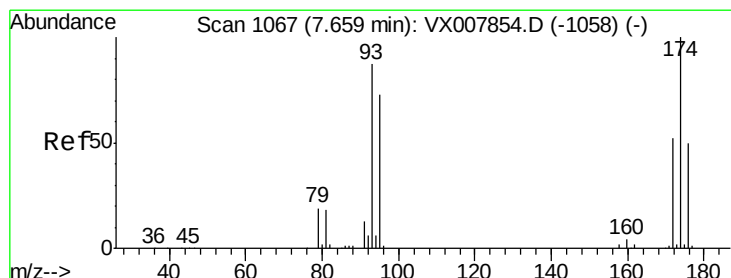
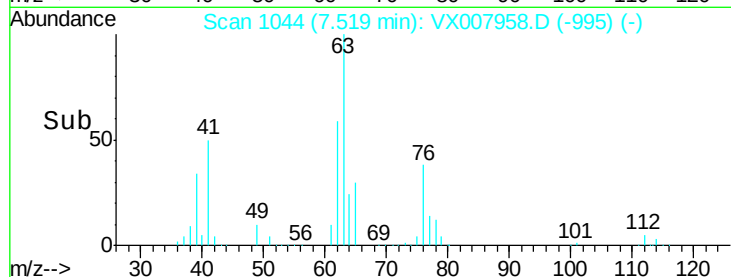
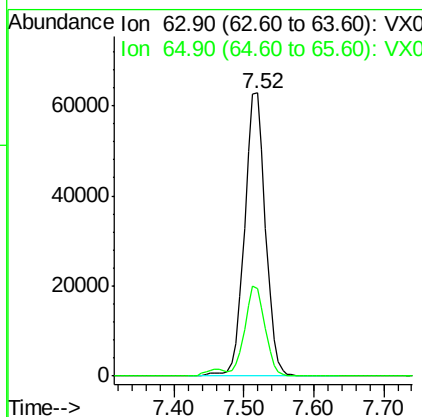
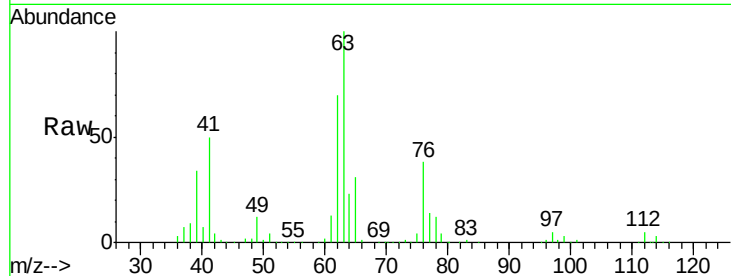




#45
 1,2-Dichloropropane
 Concen: 49.282 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

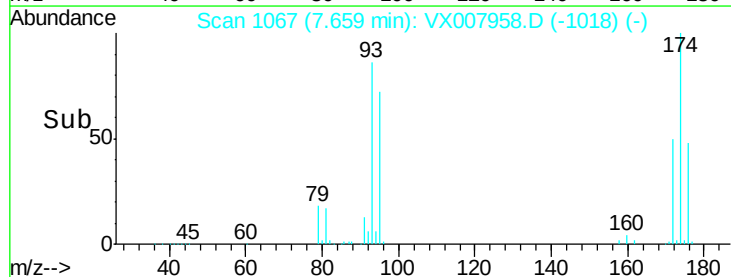
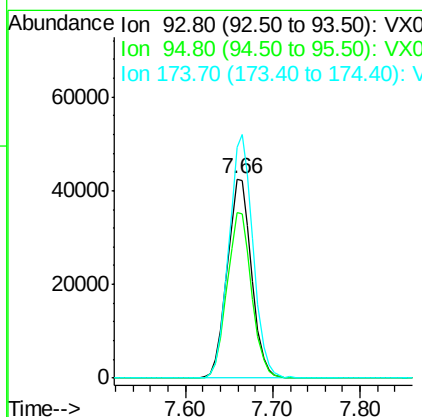
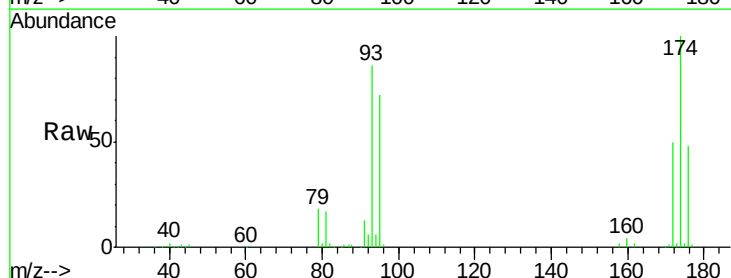
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

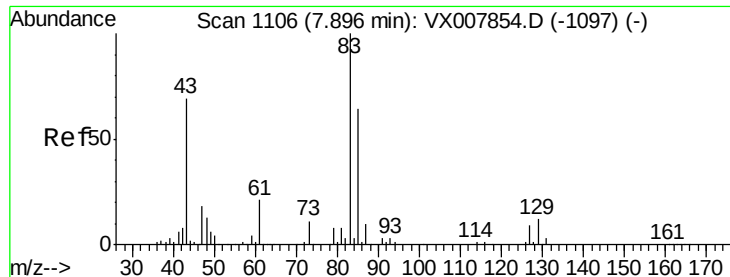
Tot Ion: 63 Resp: 130072
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 49.158 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 93 Resp: 82109
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 121.5 97.3 145.9





#47

Bromodichloromethane

Concen: 49.183 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

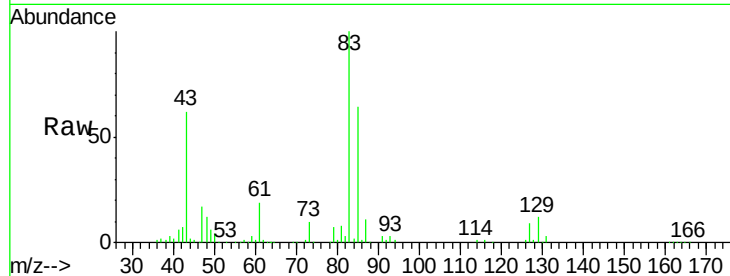
Tot Ion: 83 Resp: 155755

Ion Ratio Lower Upper

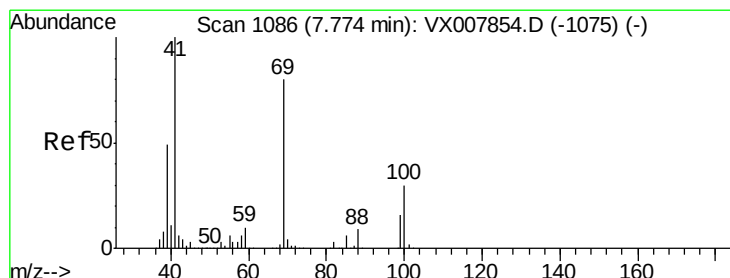
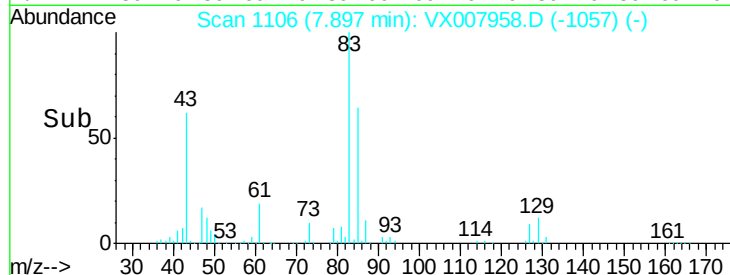
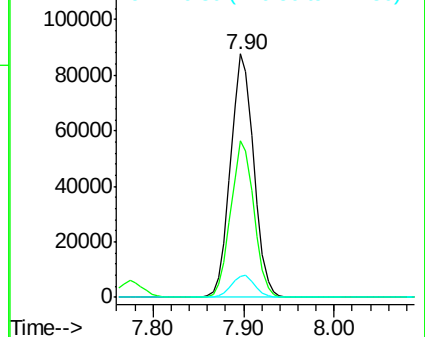
83 100

85 64.3 50.9 76.3

127 8.8 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: 49.525 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

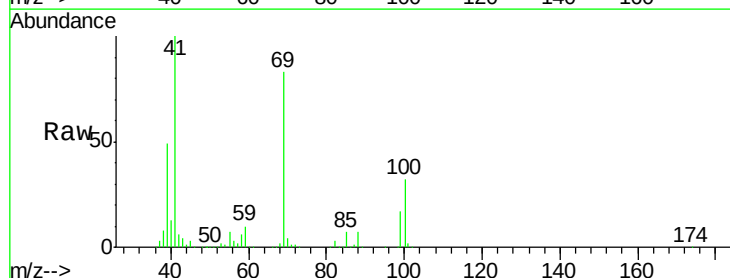
Tgt Ion: 41 Resp: 153501

Ion Ratio Lower Upper

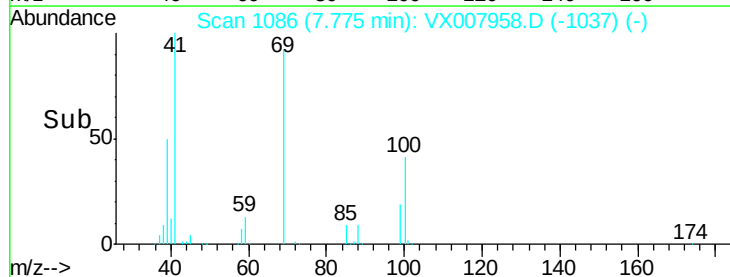
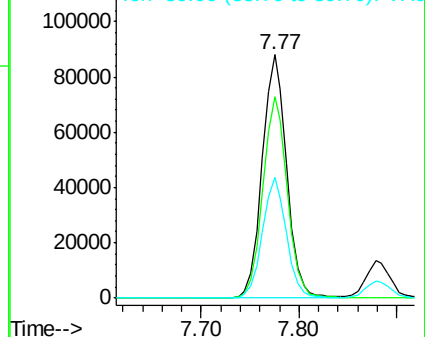
41 100

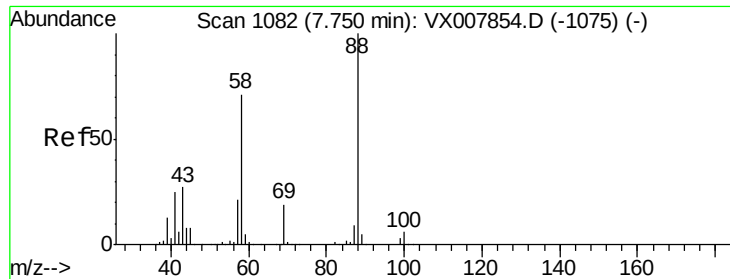
69 83.0 65.2 97.8

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

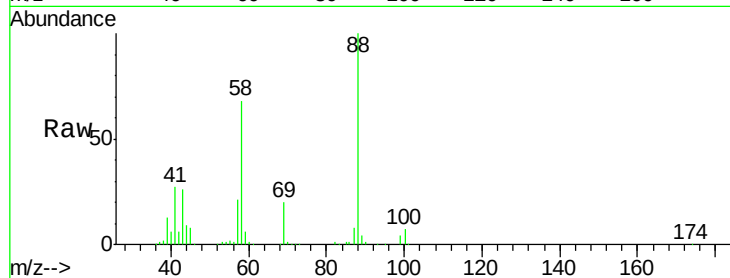




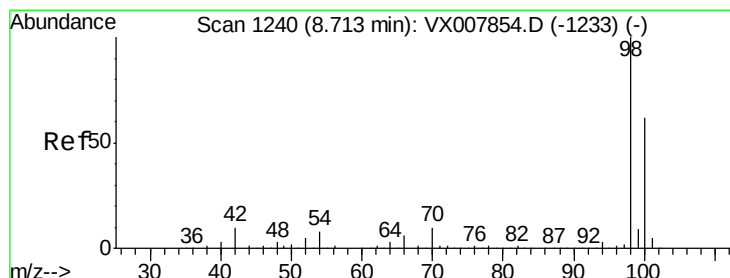
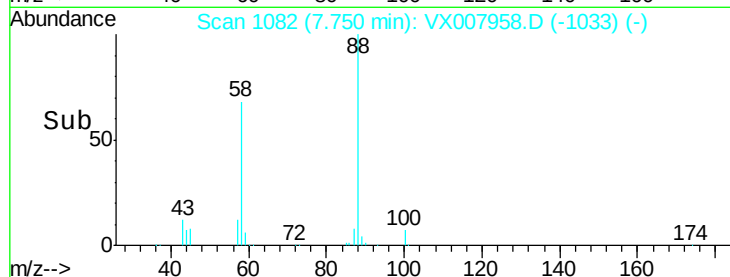
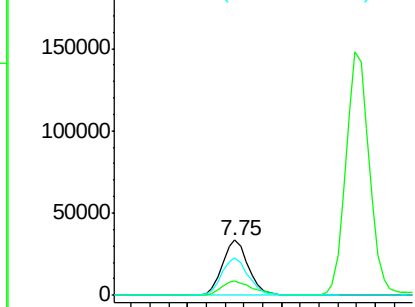
#49
1,4-Dioxane
Concen: 1003.968 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 63923
Ion Ratio Lower Upper
88 100
43 30.5 25.1 37.7
58 70.5 57.8 86.6

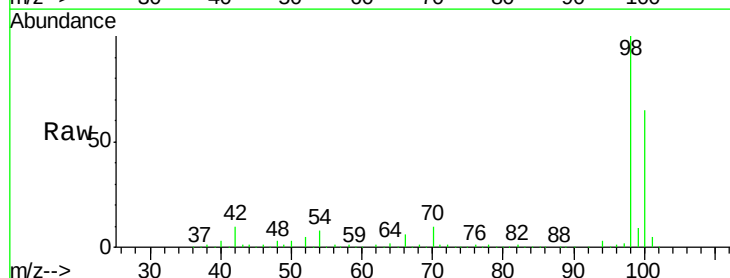


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

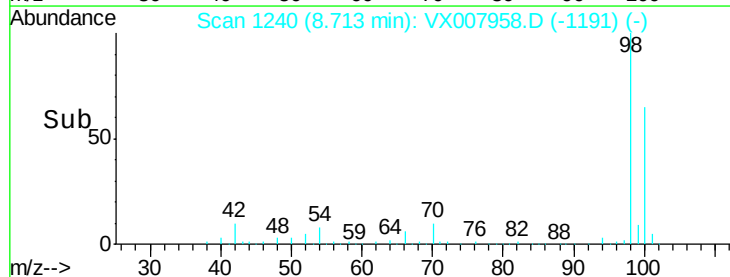
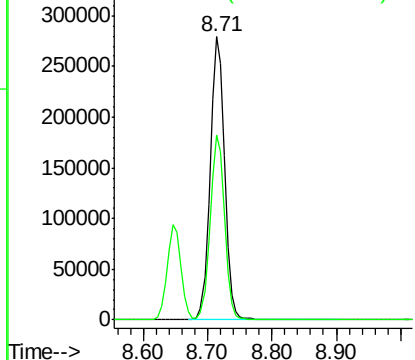


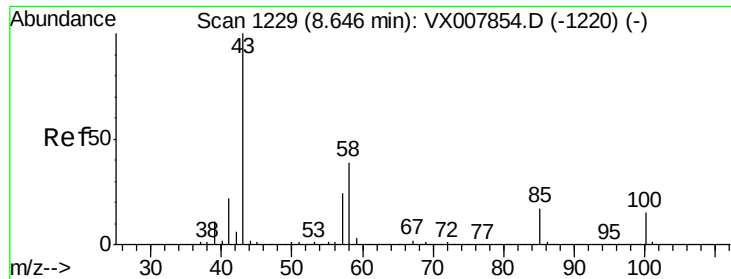
#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 98 Resp: 439115
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 246.019 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

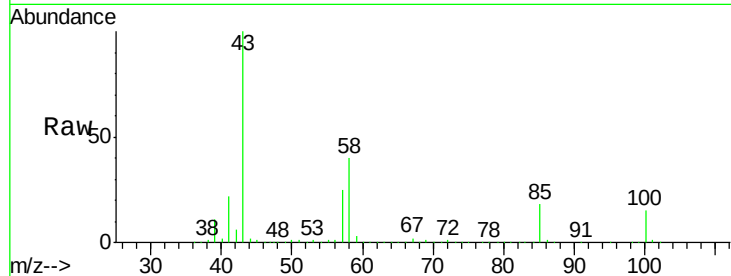
VSTDCCC050EC

Tot Ion: 43 Resp: 932723

Ion Ratio Lower Upper

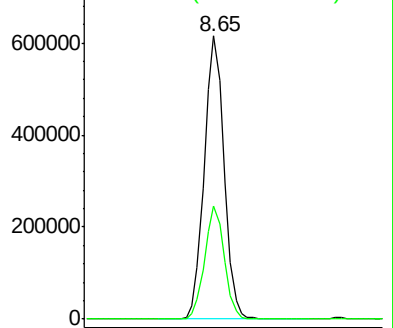
43 100

58 39.4 31.3 46.9

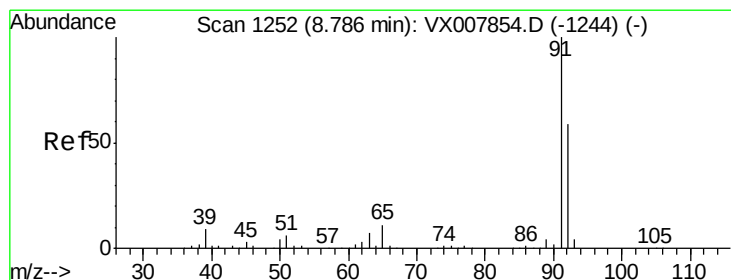
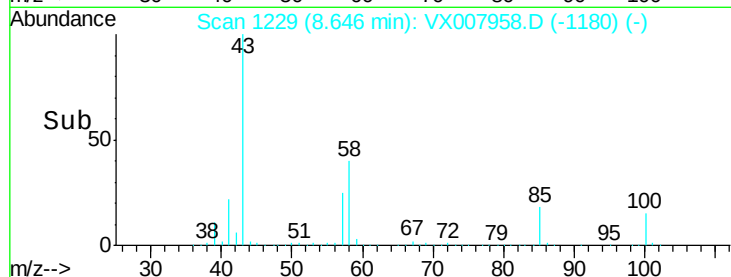


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.410 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007958.D

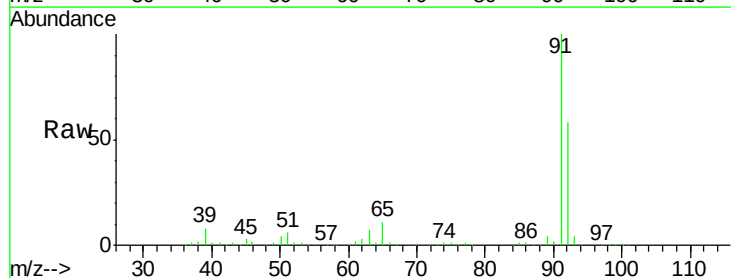
Acq: 09 Mar 2019 03:34

Tgt Ion: 92 Resp: 301450

Ion Ratio Lower Upper

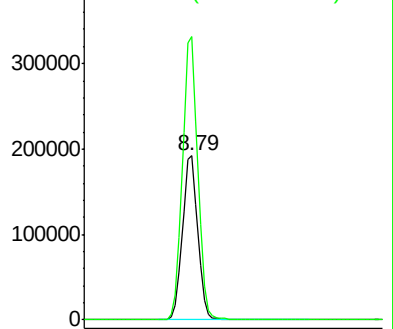
92 100

91 172.2 137.4 206.0

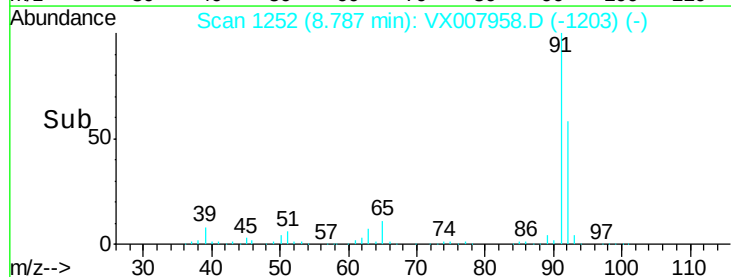


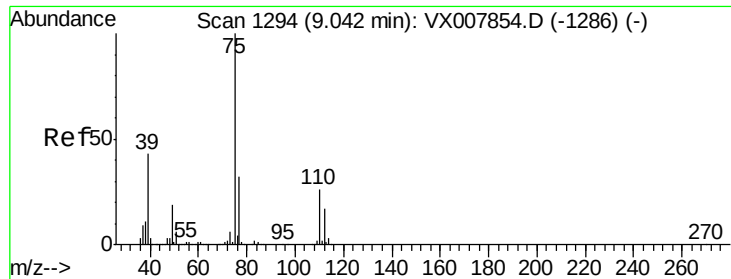
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 50.045 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

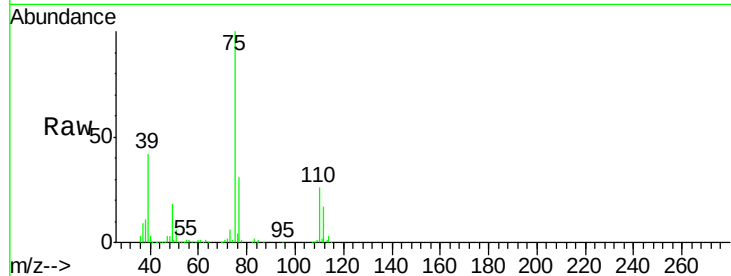
VSTDCCC050EC

Tot Ion: 75 Resp: 165419

Ion Ratio Lower Upper

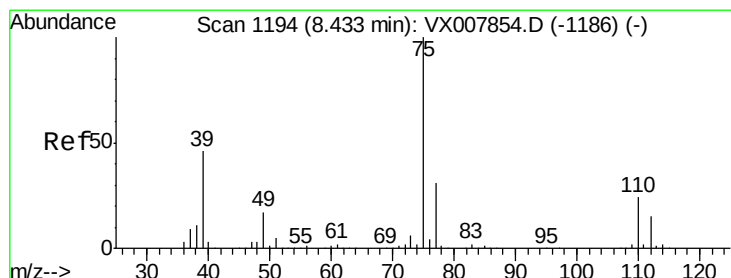
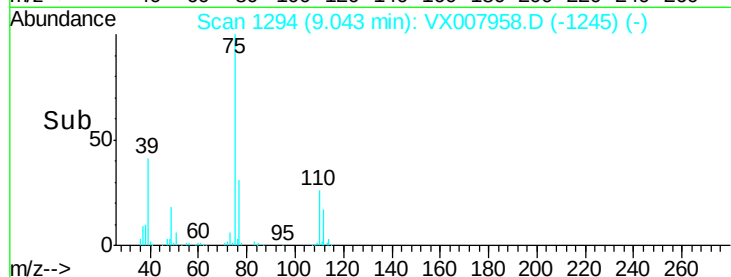
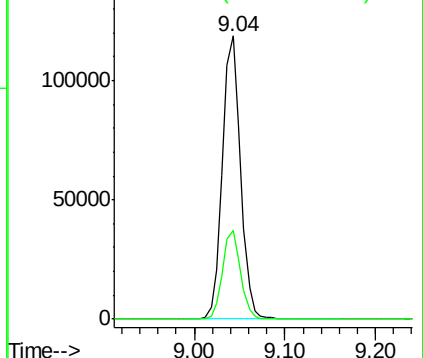
75 100

77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.491 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

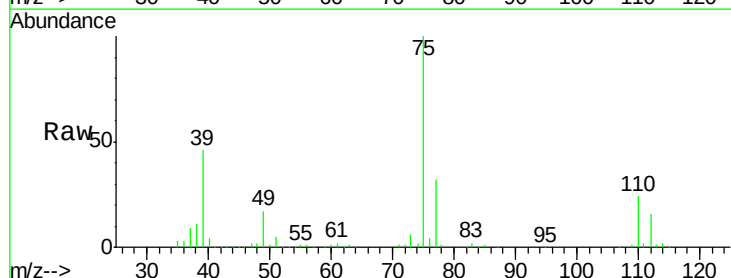
Tgt Ion: 75 Resp: 184731

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

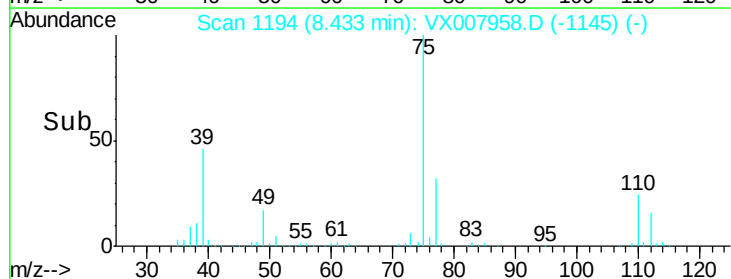
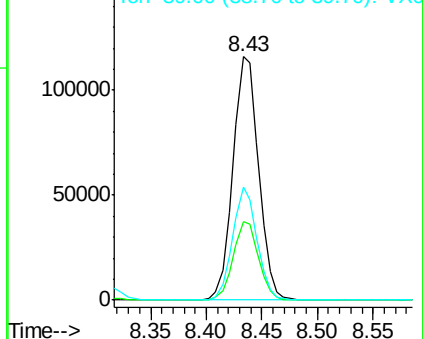
39 46.1 36.6 54.8

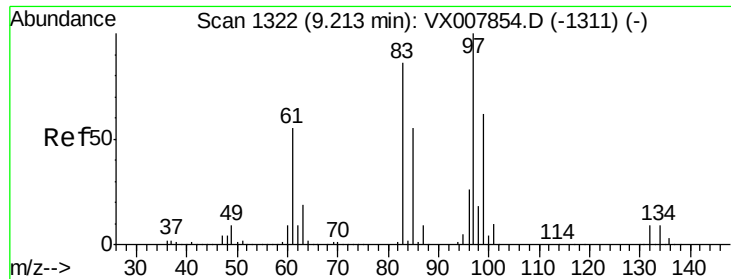


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

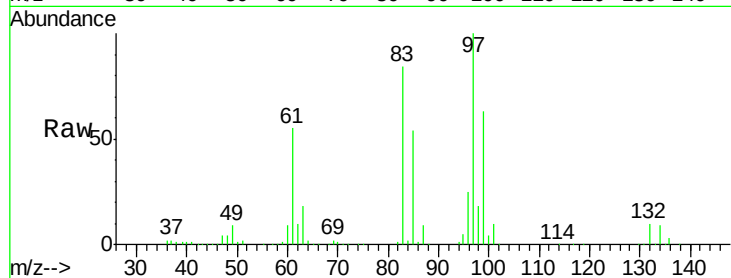




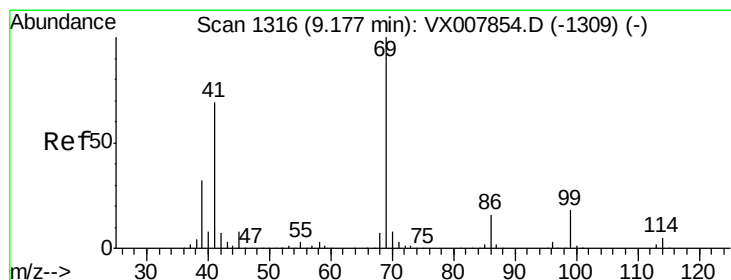
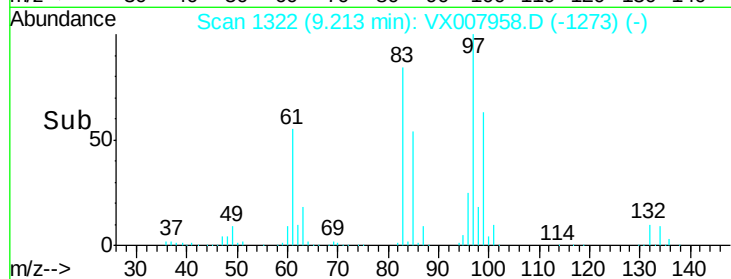
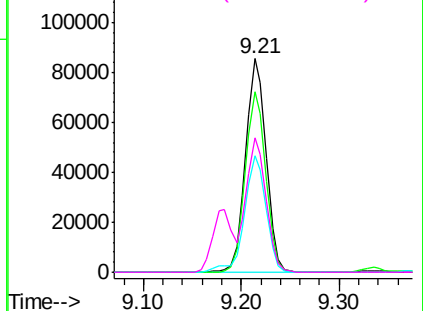
#55
 1,1,2-Trichloroethane
 Concen: 50.427 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 124542
 Ion Ratio Lower Upper
 97 100
 83 84.4 69.1 103.7
 85 54.4 44.3 66.5
 99 63.1 49.8 74.8

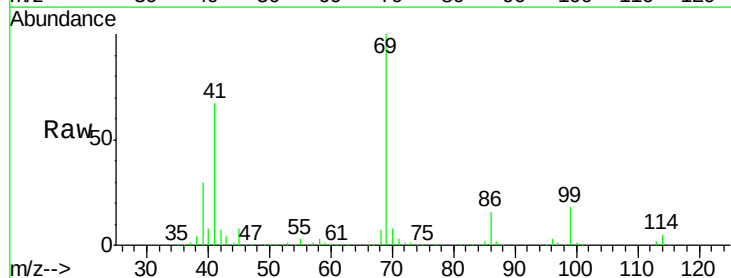


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

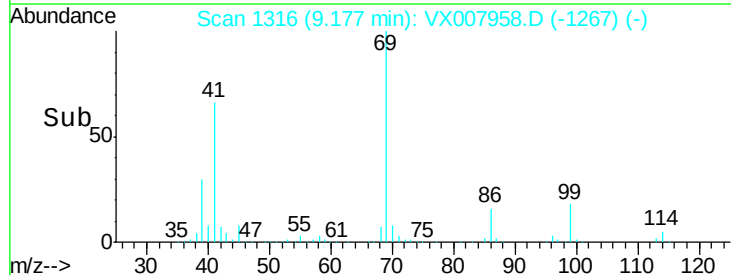
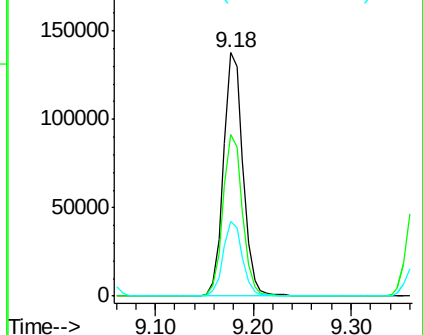


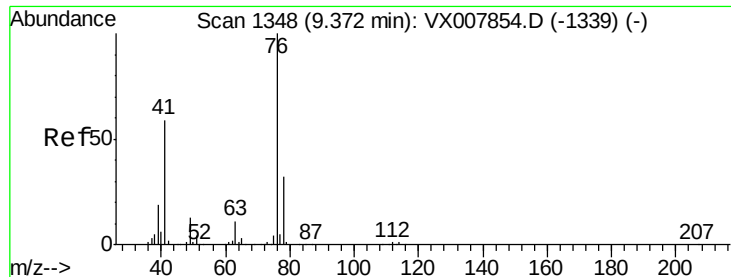
#56
 Ethyl methacrylate
 Concen: 51.401 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 69 Resp: 190606
 Ion Ratio Lower Upper
 69 100
 41 66.3 54.2 81.4
 39 30.5 25.0 37.4



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





#57

1,3-Dichloropropane

Concen: 49.802 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

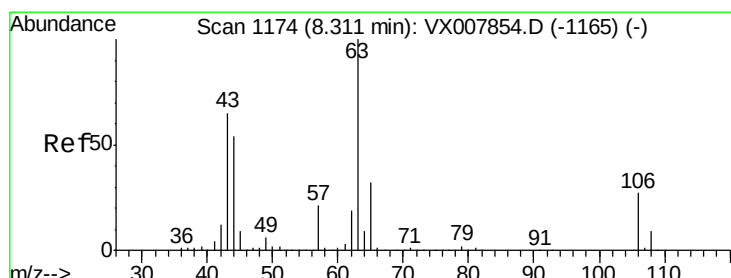
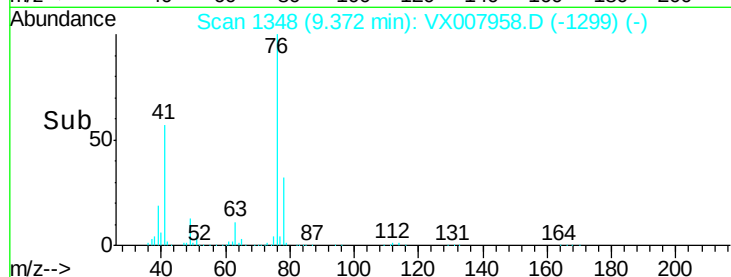
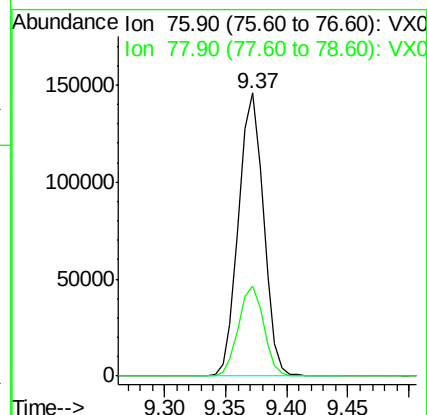
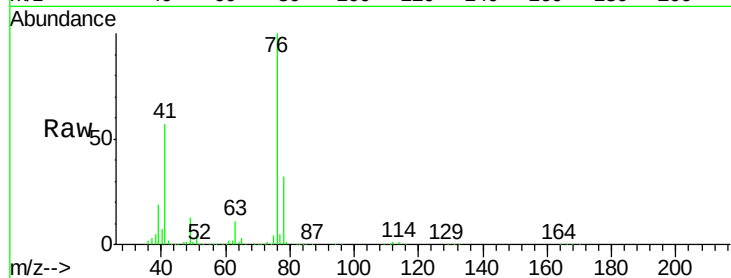
VSTDCCC050EC

Tot Ion: 76 Resp: 206525

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 263.170 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007958.D

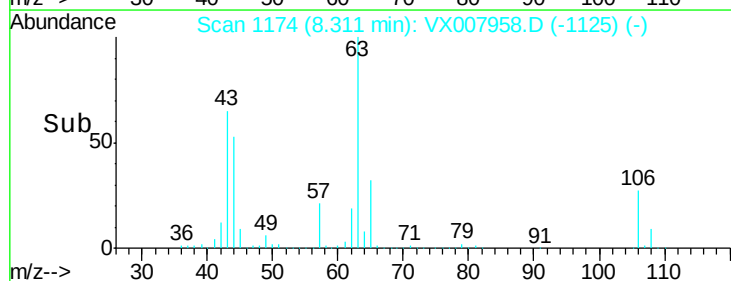
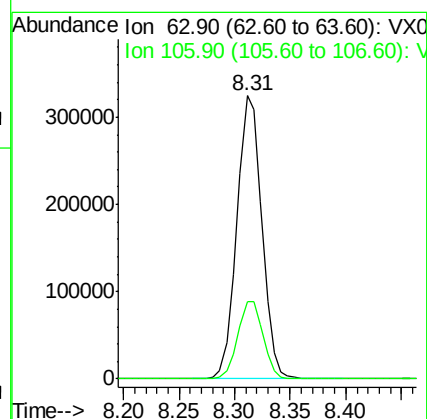
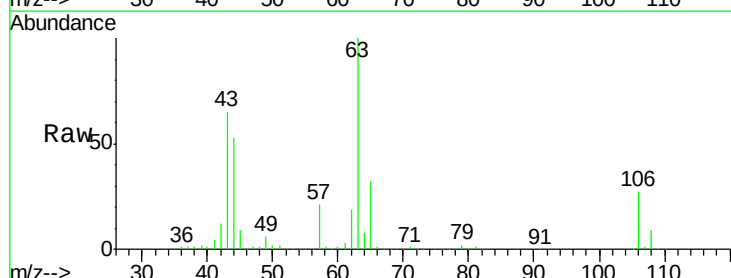
Acq: 09 Mar 2019 03:34

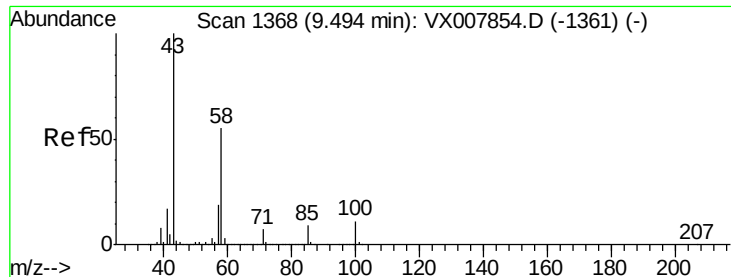
Tgt Ion: 63 Resp: 504807

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2

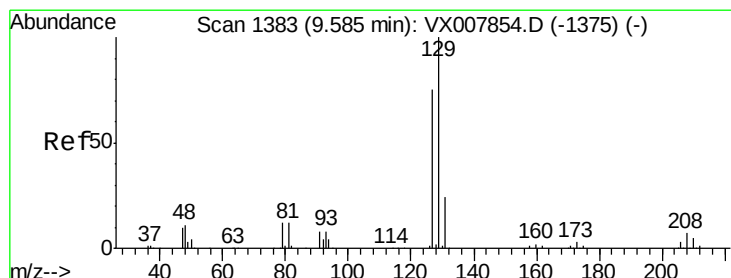
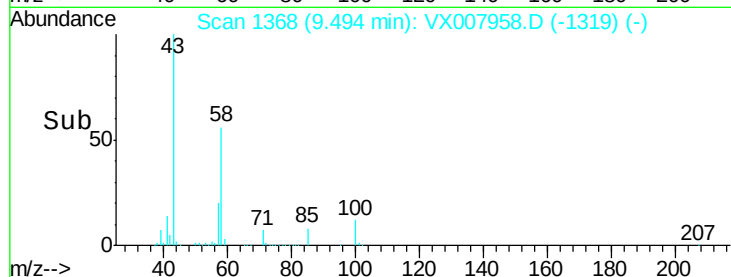
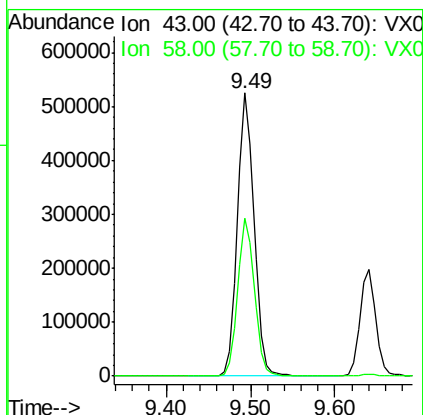
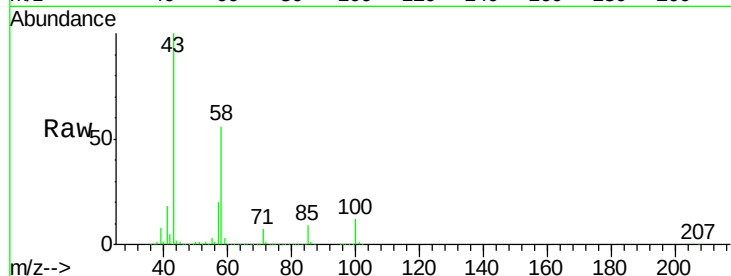




#59
2-Hexanone
Concen: 237.608 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

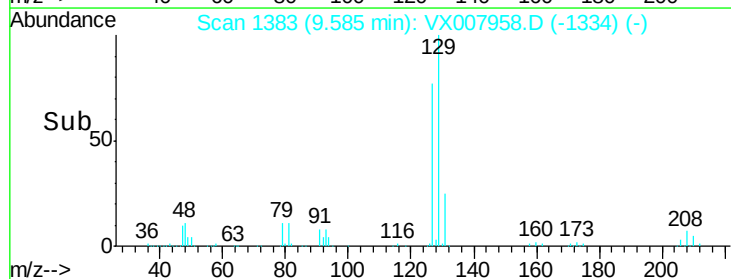
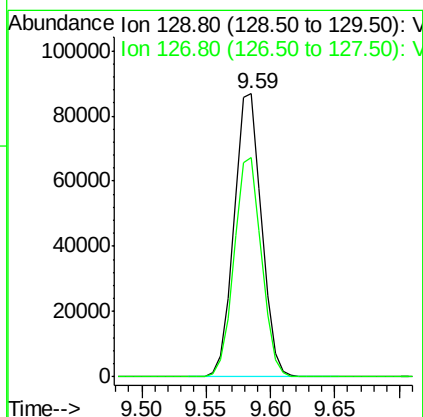
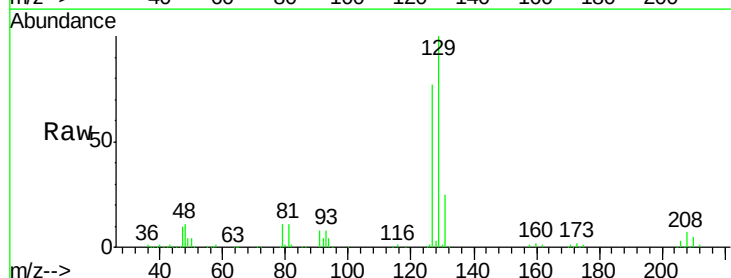
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

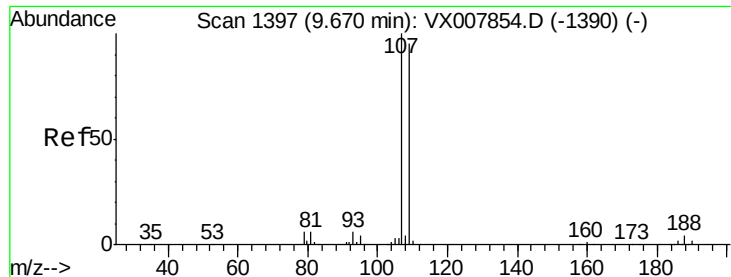
Tot Ion: 43 Resp: 699389
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7



#60
Dibromochloromethane
Concen: 49.865 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 129 Resp: 128725
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.001 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

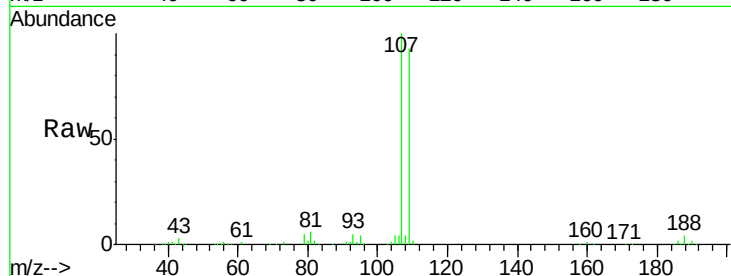
VSTDCCC050EC

Tot Ion:107 Resp: 131111

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

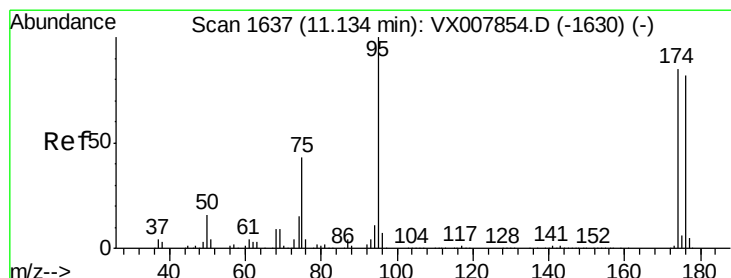
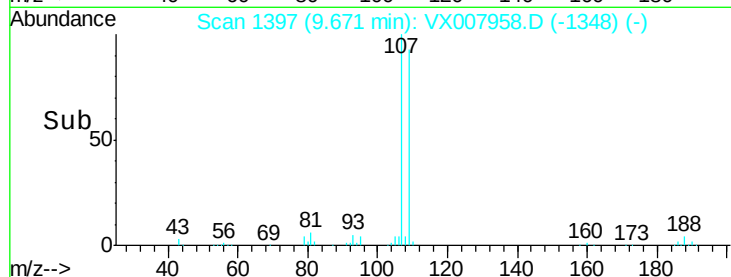
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.666 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

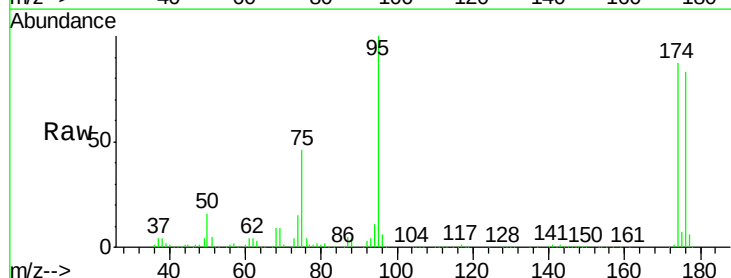
Tgt Ion: 95 Resp: 154700

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

176 89.2 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

11.13

150000

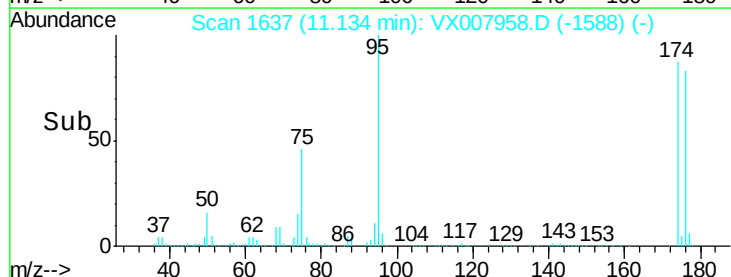
100000

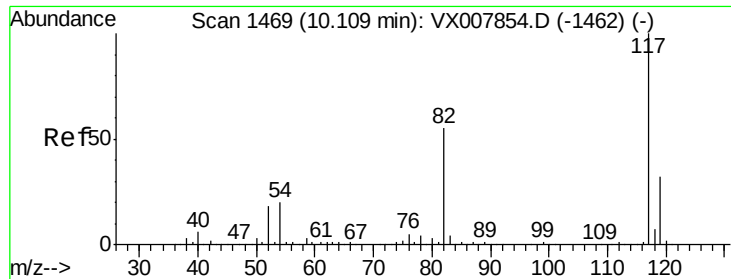
50000

0

Time-->

11.10 11.20

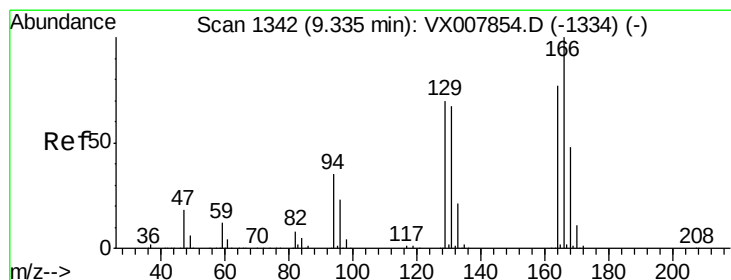
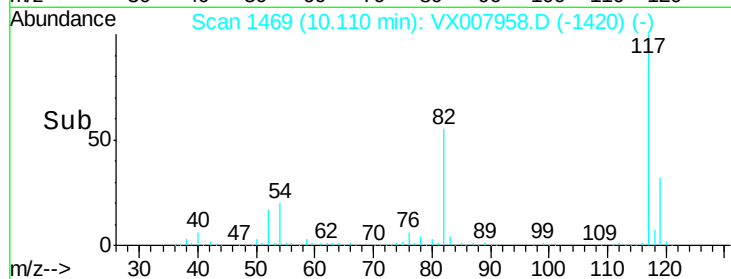
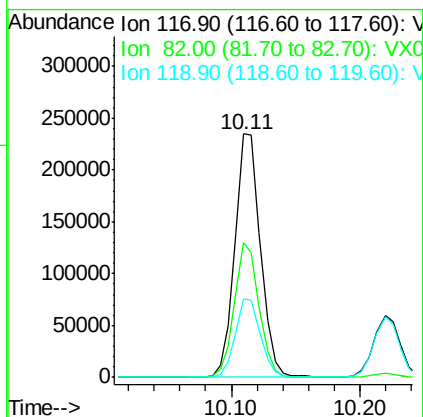
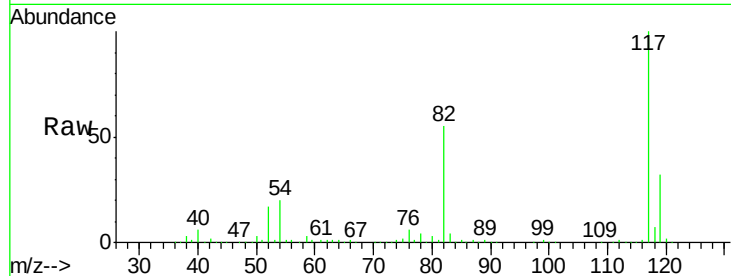




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

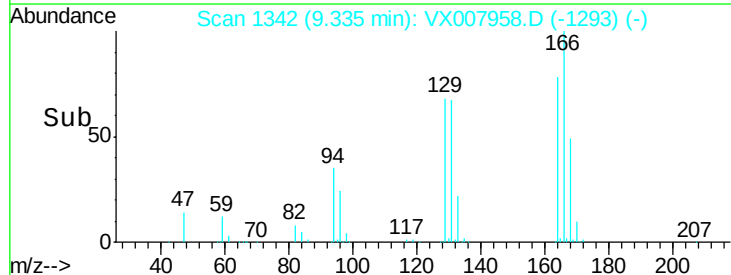
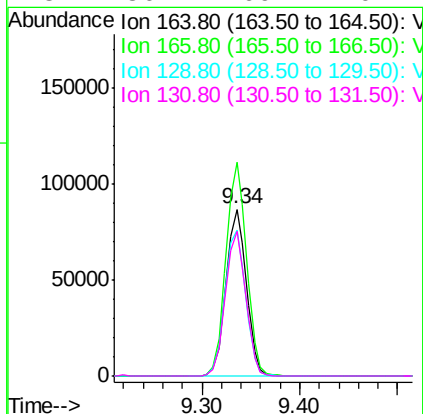
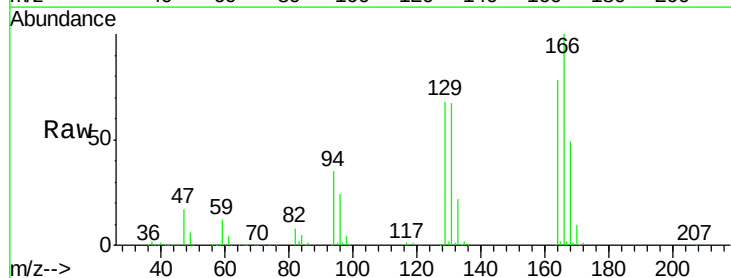
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

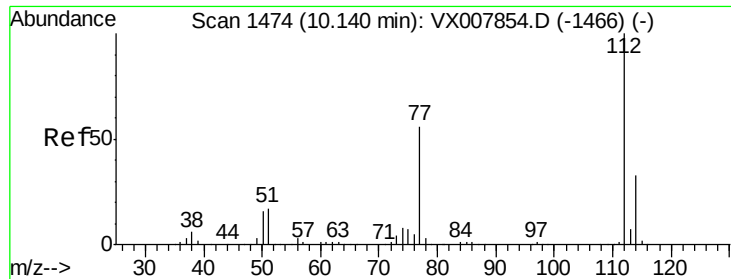
Tot Ion:117 Resp: 325536
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 46.687 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion:164 Resp: 125948
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 87.4 72.2 108.4
131 86.4 69.4 104.2

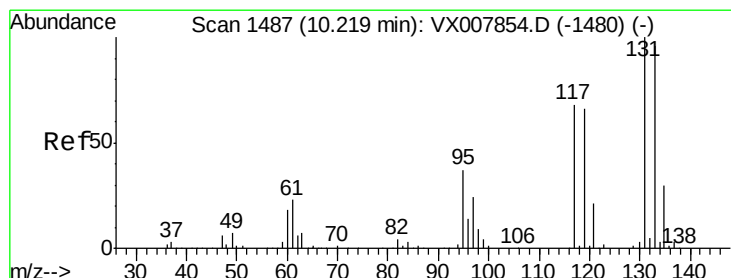
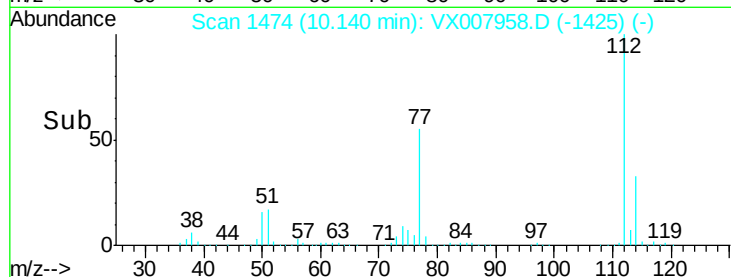
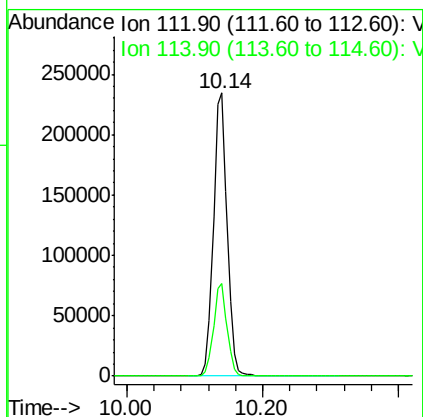
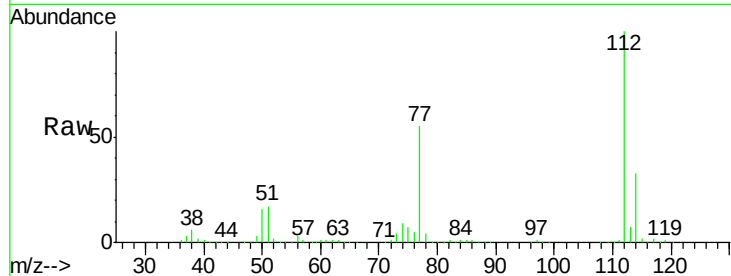




#65
Chlorobenzene
Concen: 48.169 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

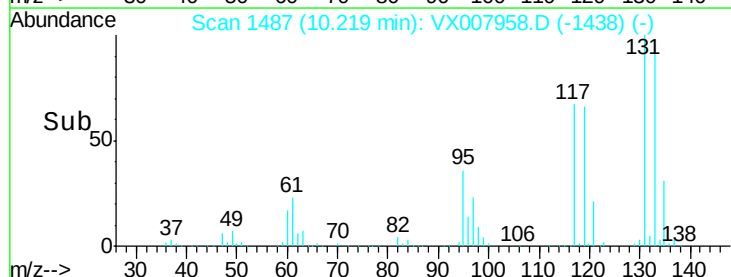
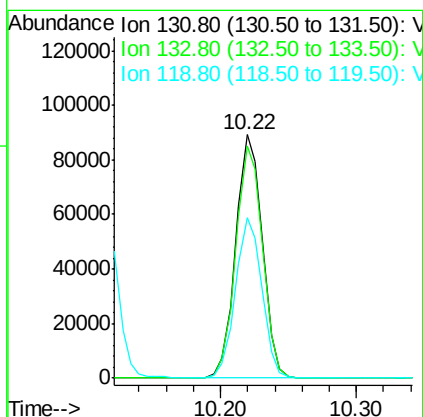
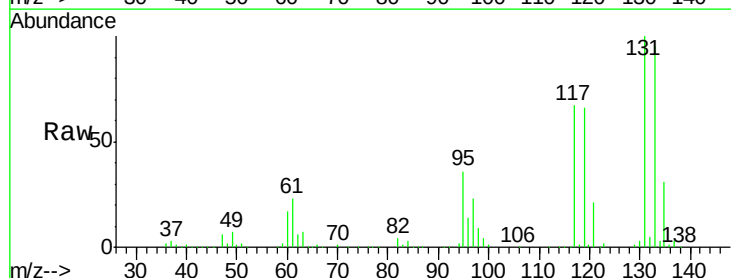
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

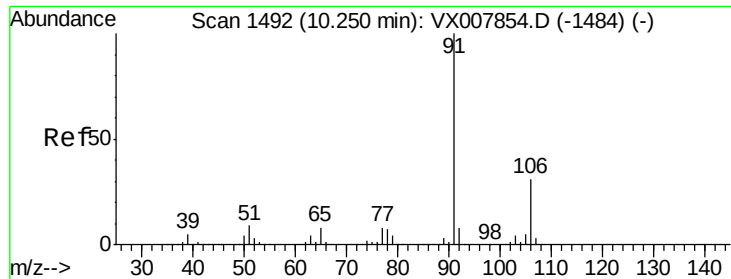
Tot Ion:112 Resp: 328131
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.585 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion:131 Resp: 121058
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 65.7 32.5 97.5





#67

Ethyl Benzene

Concen: 49.712 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

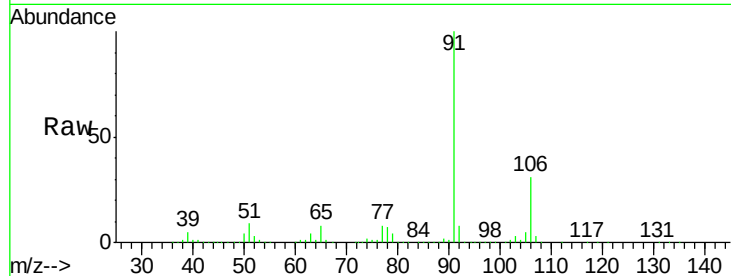
VSTDCCC050EC

Tot Ion: 91 Resp: 557435

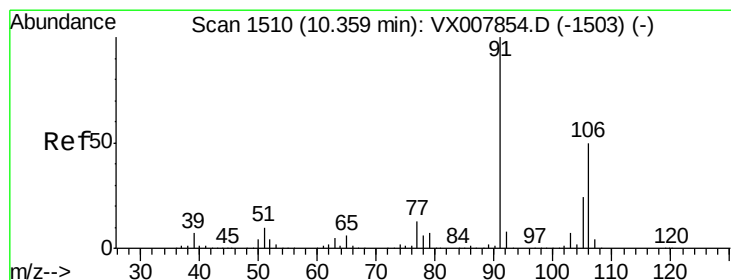
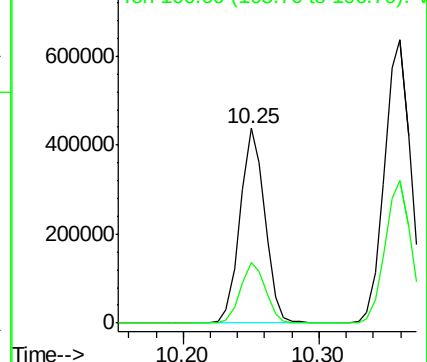
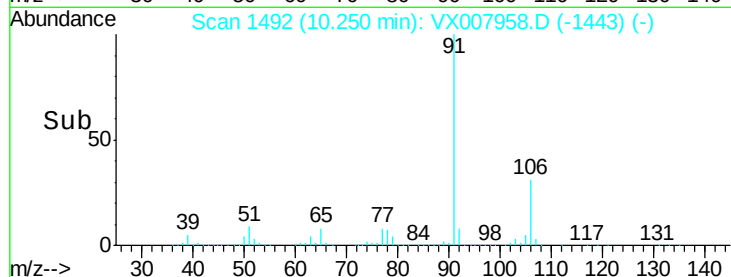
Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX007958.D (-1443) (-)



#68

m/p-Xylenes

Concen: 98.558 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007958.D

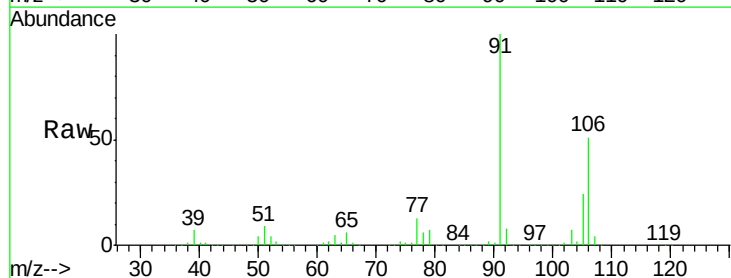
Acq: 09 Mar 2019 03:34

Tgt Ion: 106 Resp: 425990

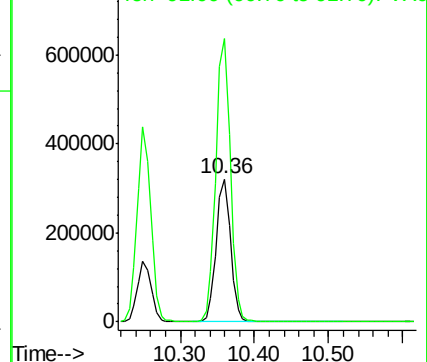
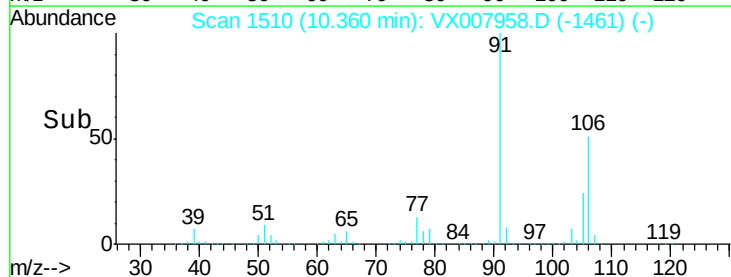
Ion Ratio Lower Upper

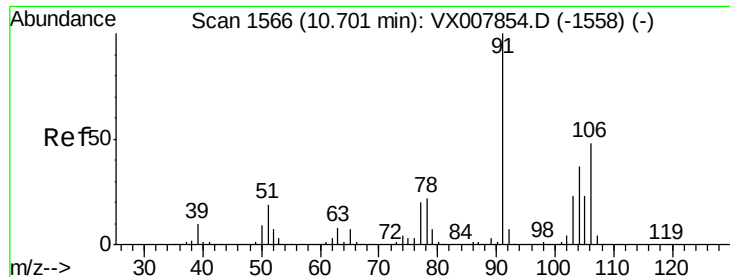
106 100

91 200.9 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX007958.D (-1461) (-)

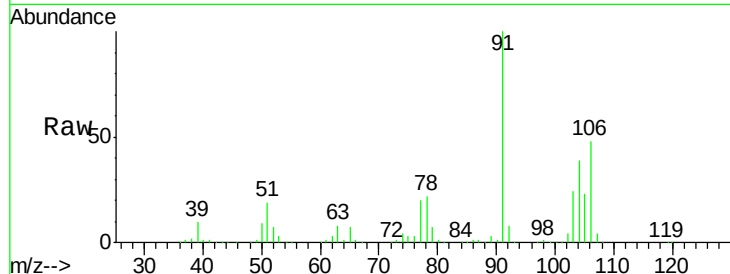




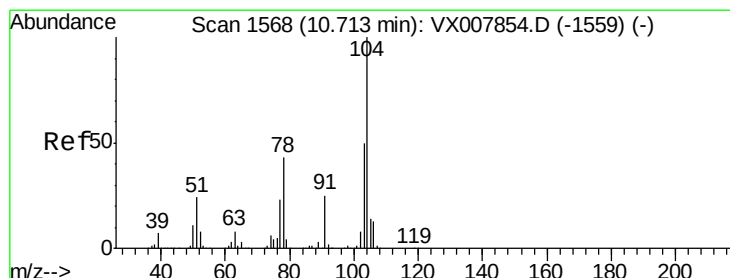
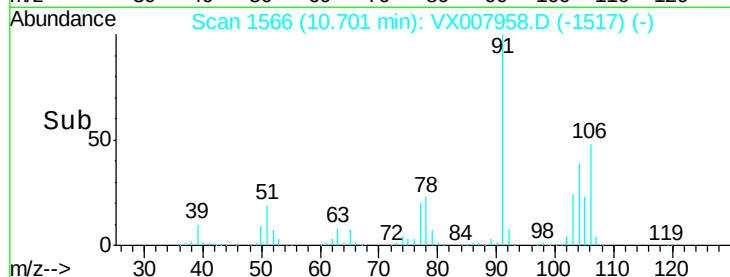
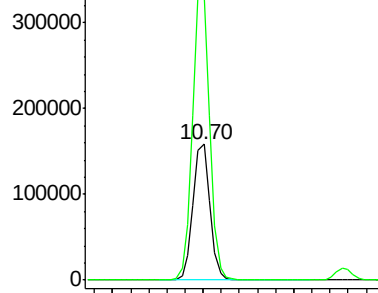
#69
o-Xylene
Concen: 49.807 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 207835
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.9

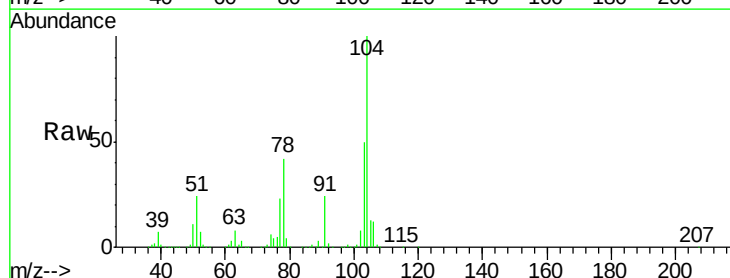


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

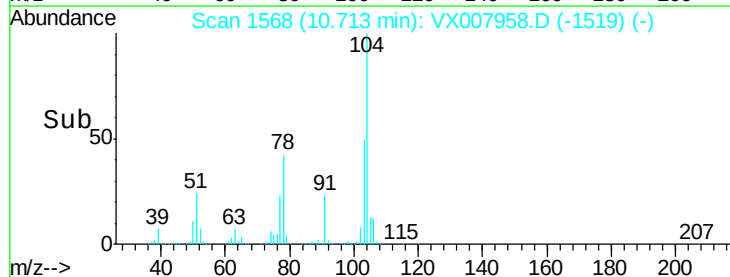
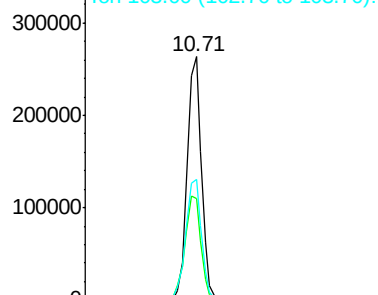


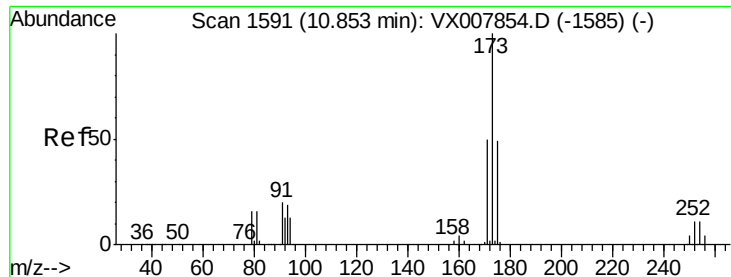
#70
Styrene
Concen: 50.370 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion:104 Resp: 343943
Ion Ratio Lower Upper
104 100
78 48.2 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: 48.082 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

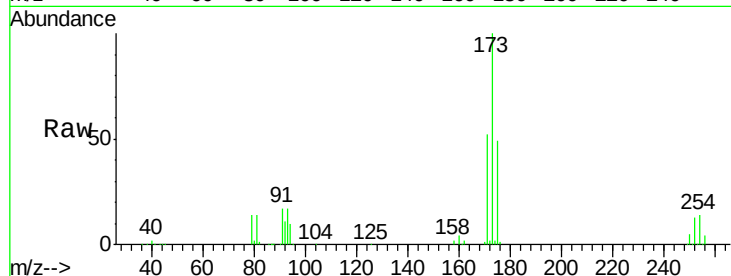
Tot Ion:173 Resp: 100810

Ion Ratio Lower Upper

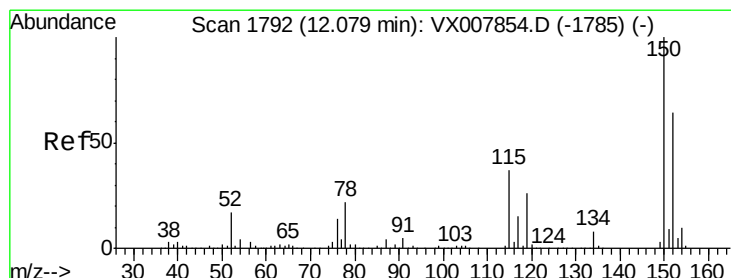
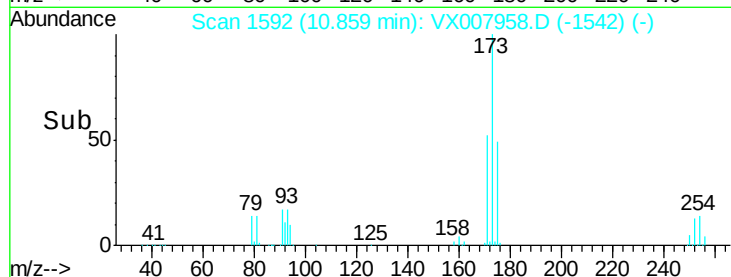
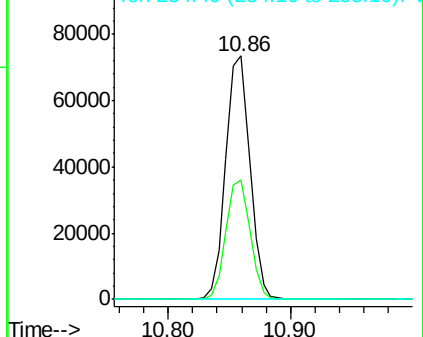
173 100

175 49.1 24.3 72.9

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

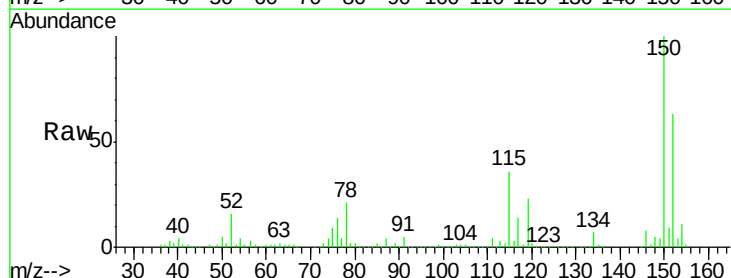
Tgt Ion:152 Resp: 163245

Ion Ratio Lower Upper

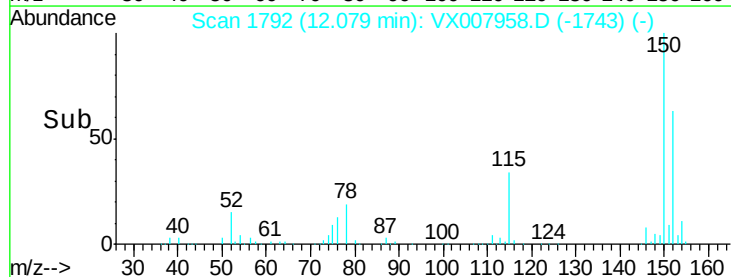
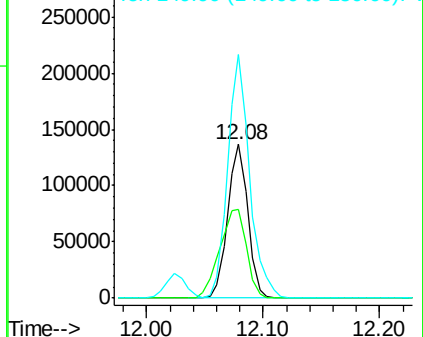
152 100

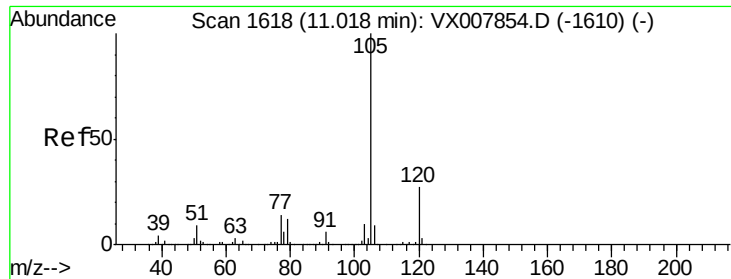
115 76.5 38.6 115.7

150 173.2 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: 50.170 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

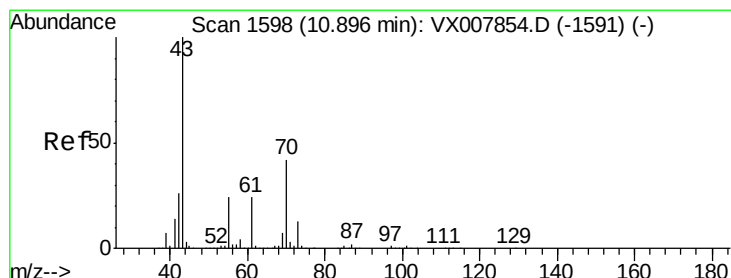
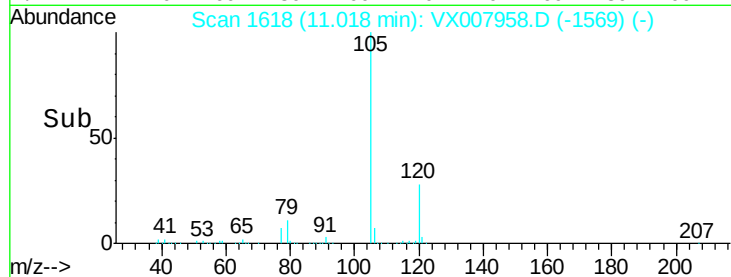
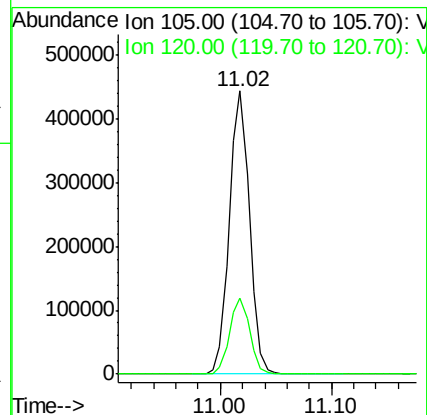
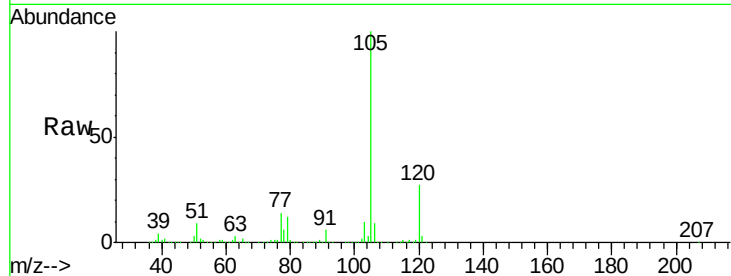
VSTDCCC050EC

Tot Ion:105 Resp: 553905

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 49.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion: 43 Resp: 248040

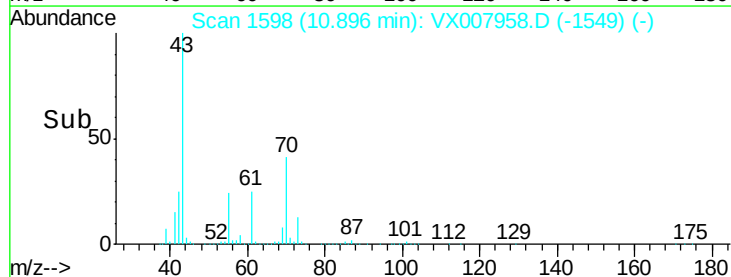
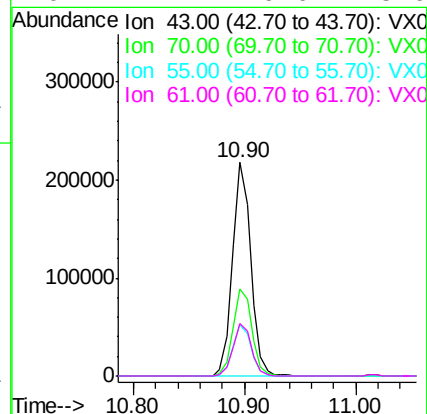
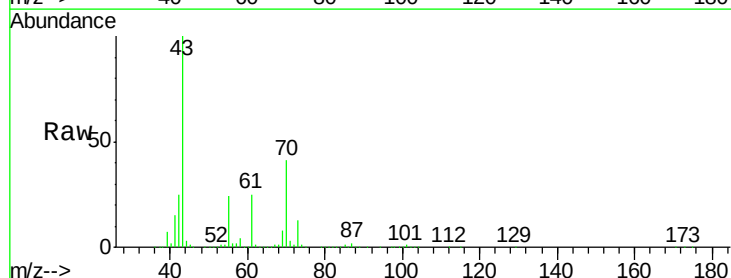
Ion Ratio Lower Upper

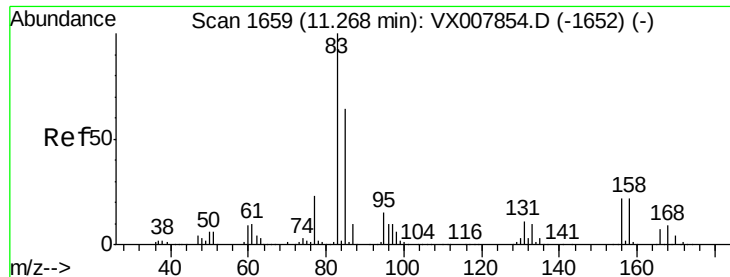
43 100

70 42.4 33.5 50.3

55 24.7 19.2 28.8

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.817 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

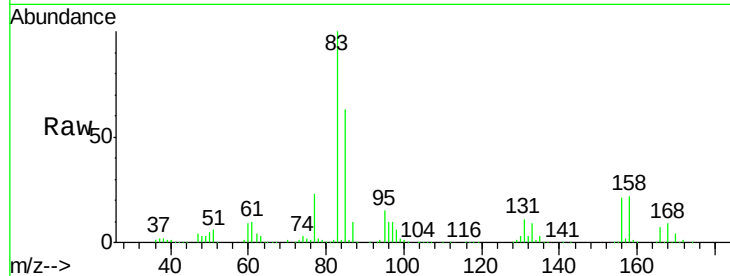
Tot Ion: 83 Resp: 182101

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

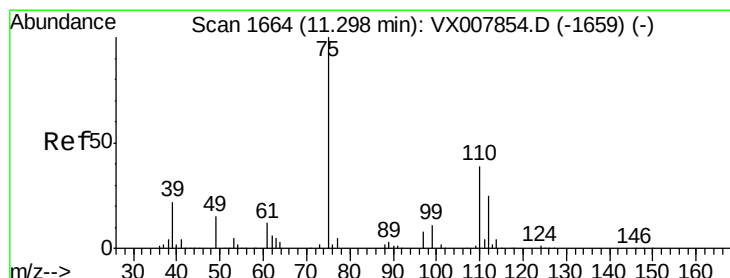
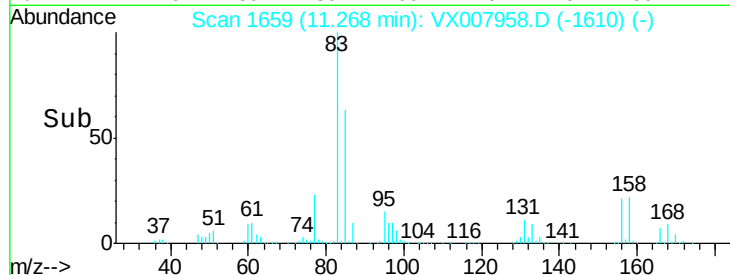
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.424 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007958.D

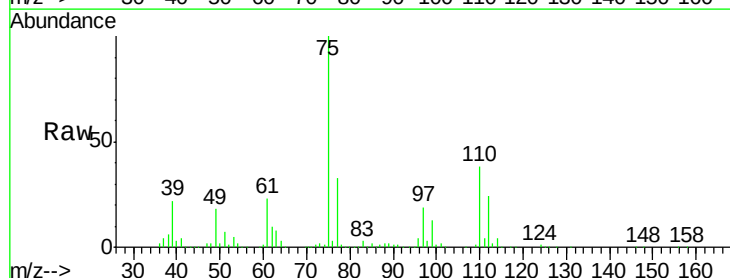
Acq: 09 Mar 2019 03:34

Tgt Ion: 75 Resp: 206988

Ion Ratio Lower Upper

75 100

77 32.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

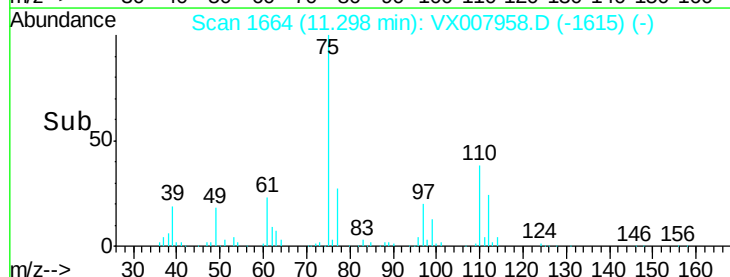
150000

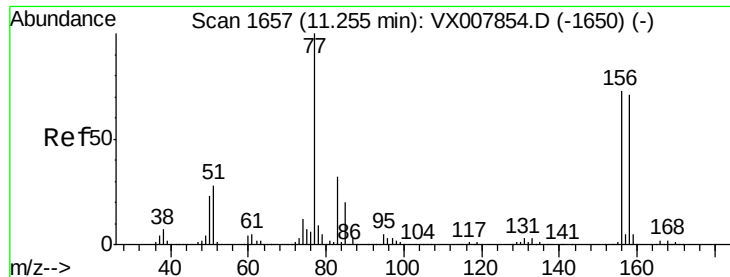
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 48.372 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

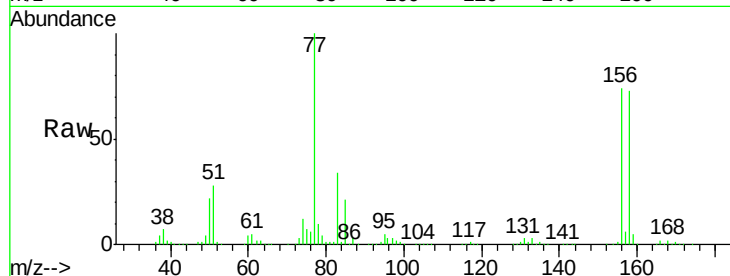
Tot Ion:156 Resp: 146418

Ion Ratio Lower Upper

156 100

77 143.3 72.0 215.9

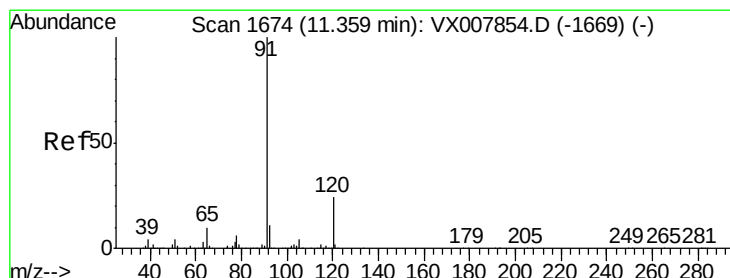
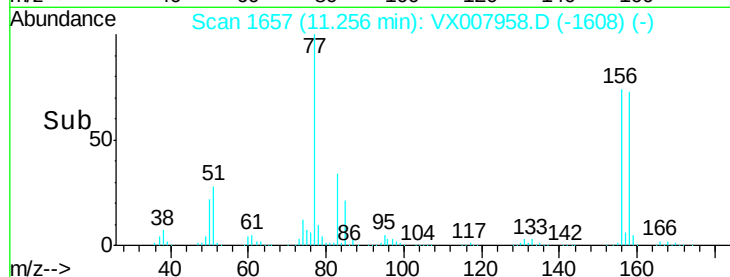
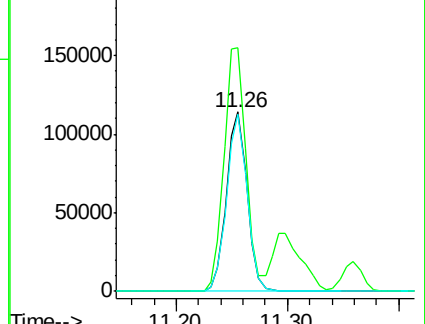
158 97.6 48.6 145.9



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: 50.097 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007958.D

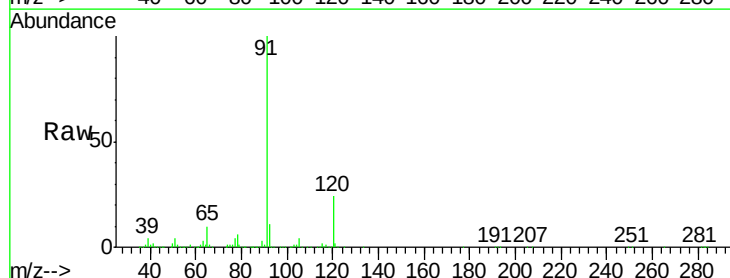
Acq: 09 Mar 2019 03:34

Tgt Ion: 91 Resp: 613595

Ion Ratio Lower Upper

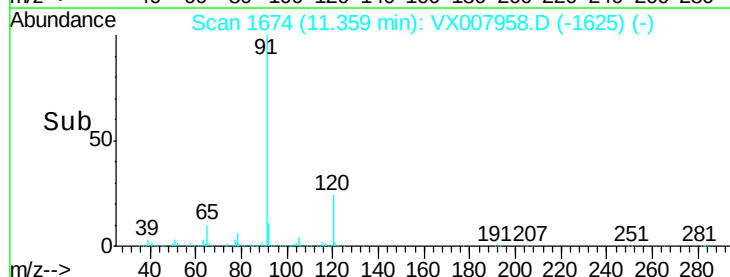
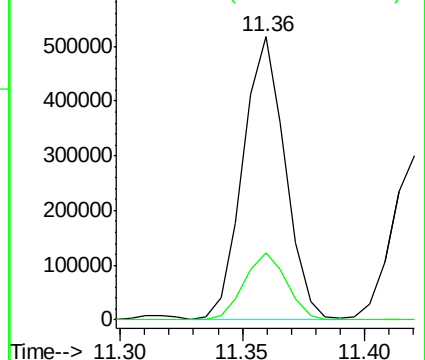
91 100

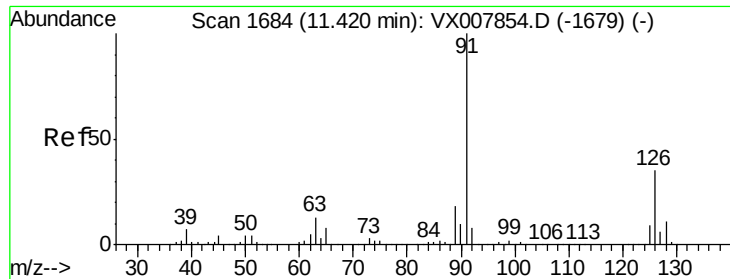
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

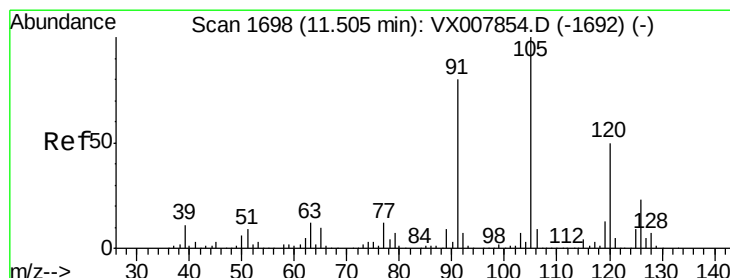
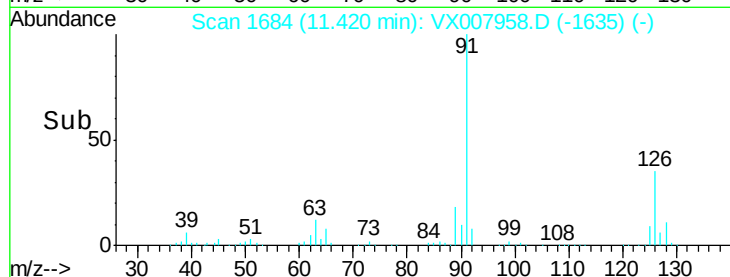
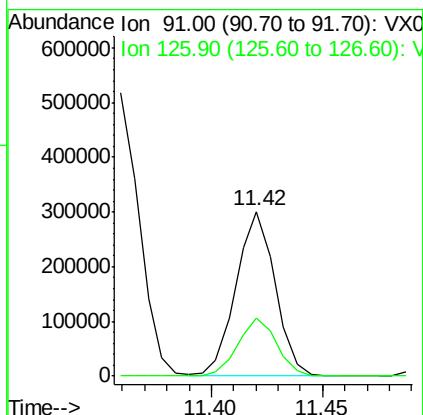
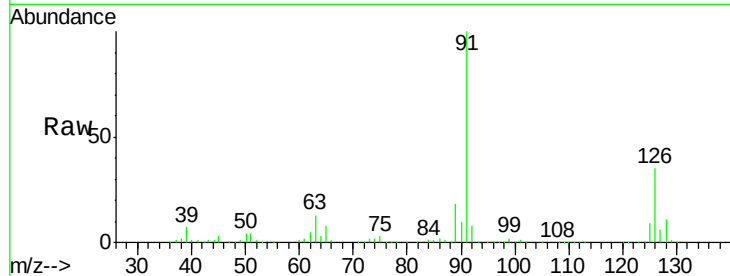




#79
 2-Chlorotoluene
 Concen: 48.978 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

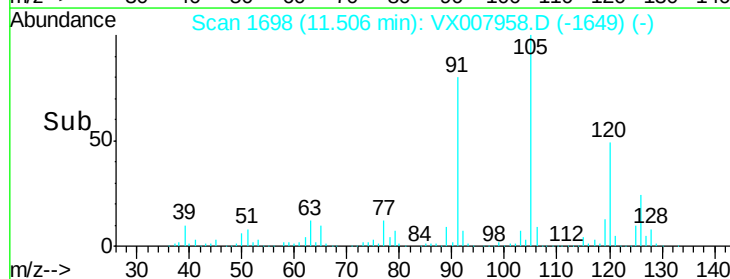
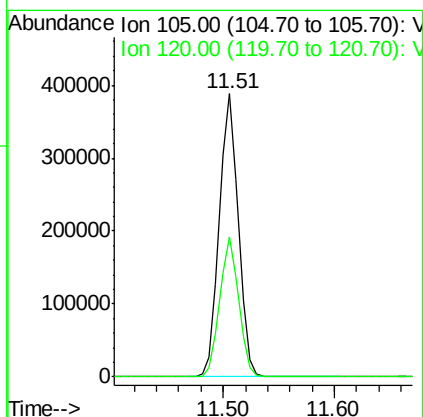
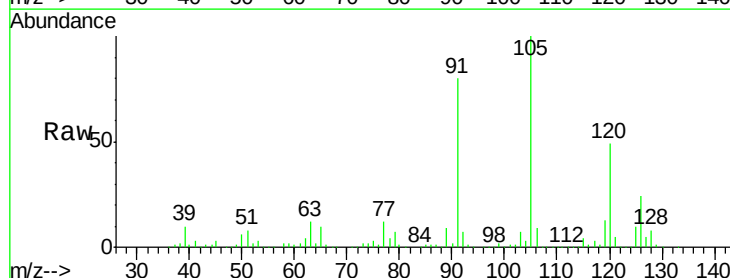
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

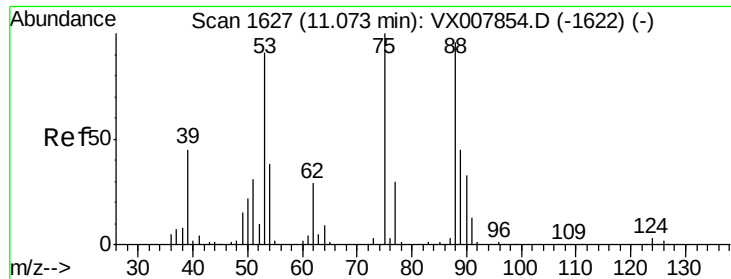
Tot Ion: 91 Resp: 366786
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.432 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 105 Resp: 458270
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

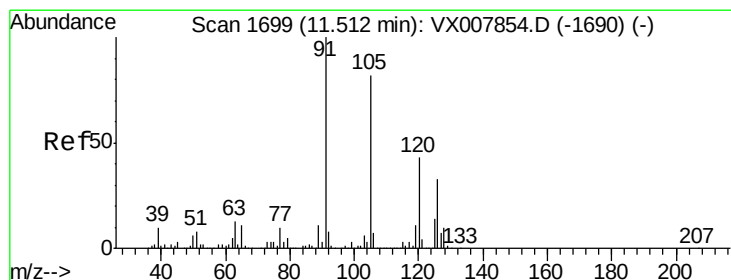
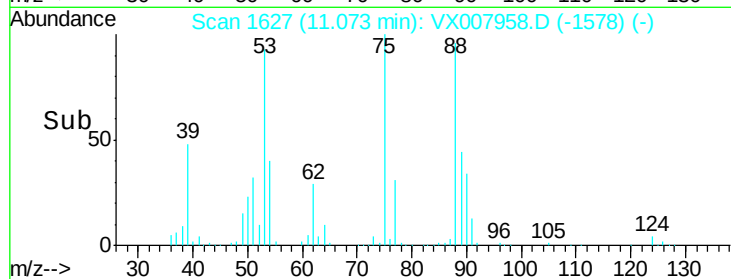
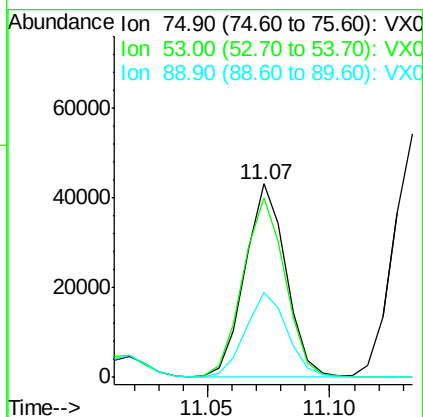
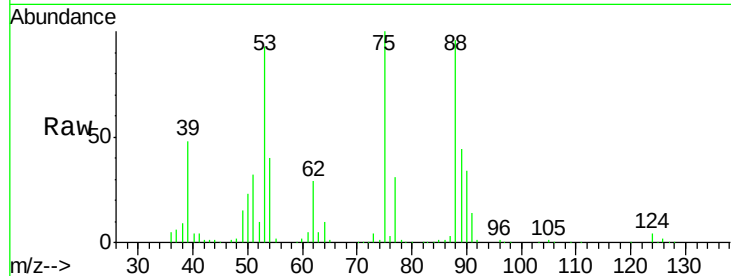
Tot Ion: 75 Resp: 50248

Ion Ratio Lower Upper

75 100

53 96.5 76.1 114.1

89 44.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.966 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007958.D

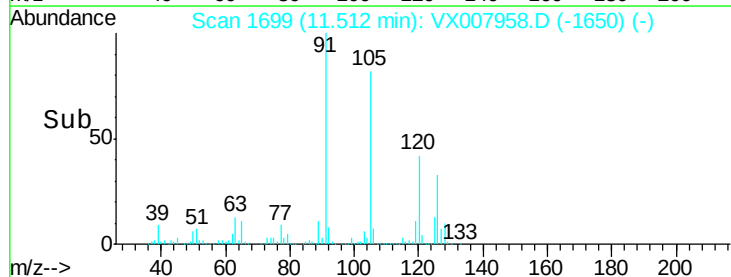
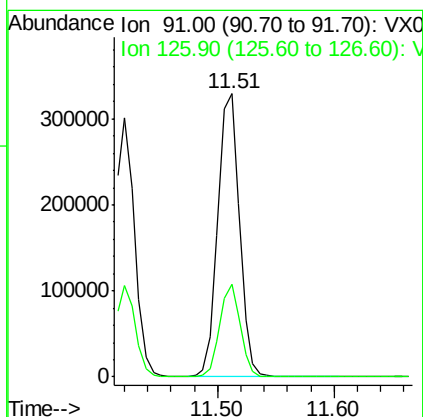
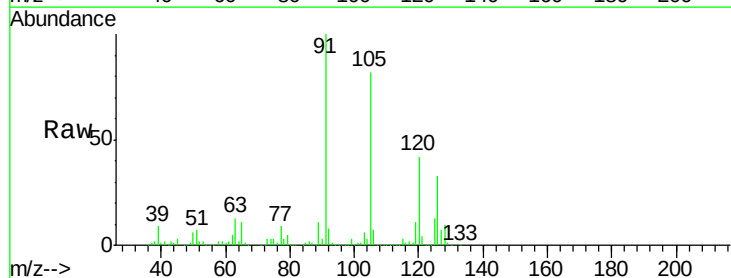
Acq: 09 Mar 2019 03:34

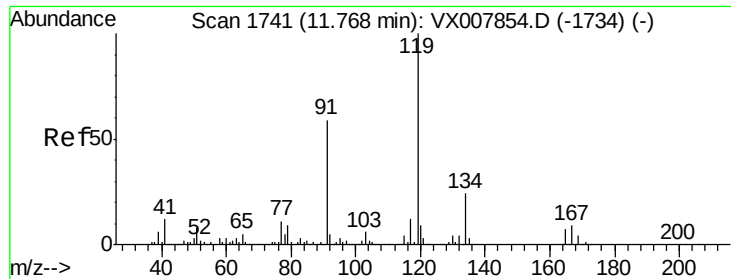
Tgt Ion: 91 Resp: 420235

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

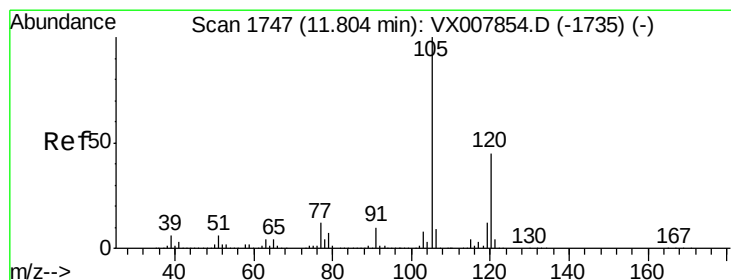
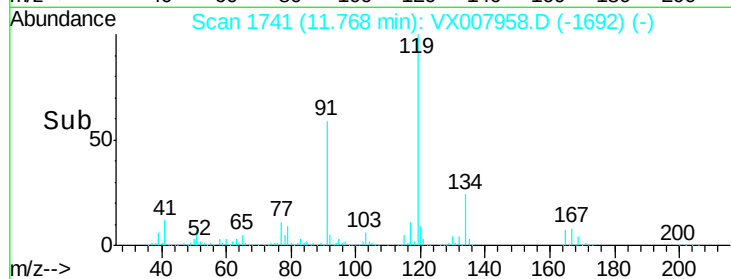
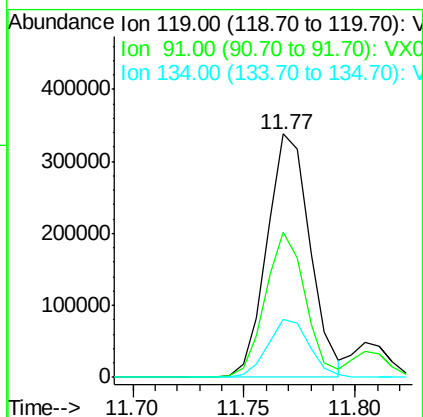
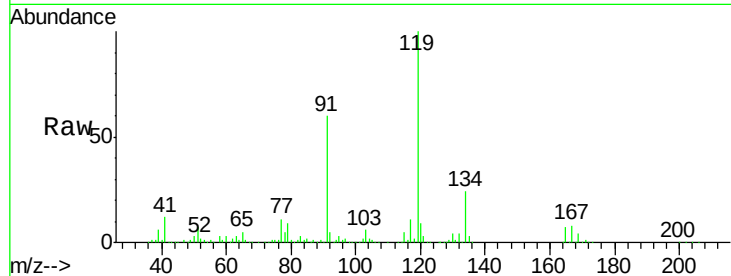




#83
 tert-Butylbenzene
 Concen: 49.507 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

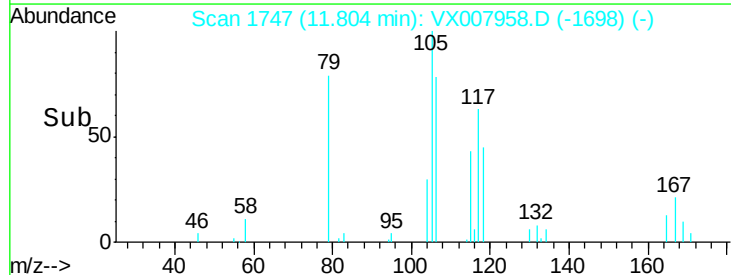
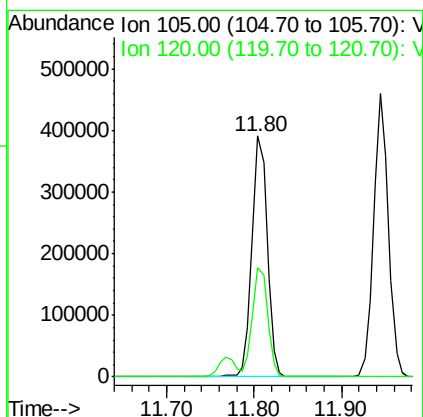
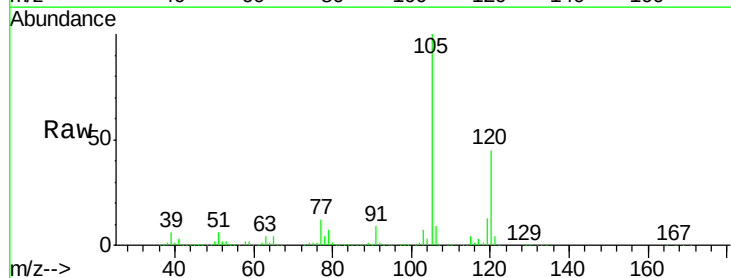
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

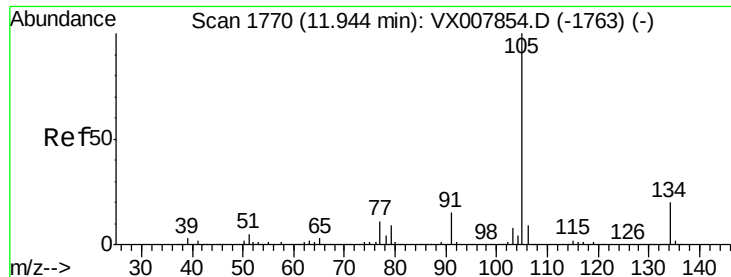
Tot Ion:119 Resp: 453147
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.1 81.3
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.617 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion:105 Resp: 471514
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.653 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

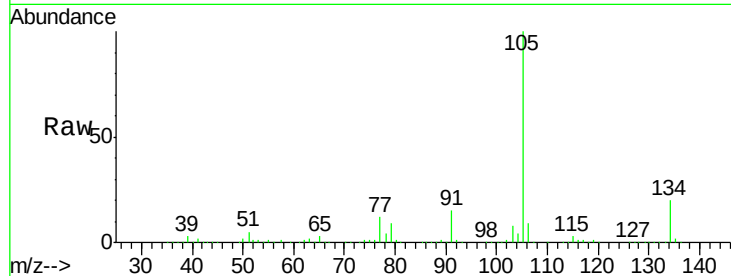
VSTDCCC050EC

Tot Ion:105 Resp: 546056

Ion Ratio Lower Upper

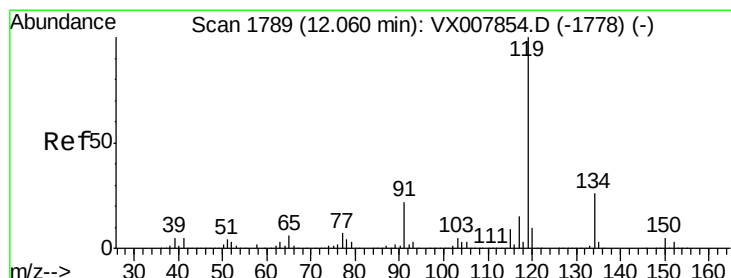
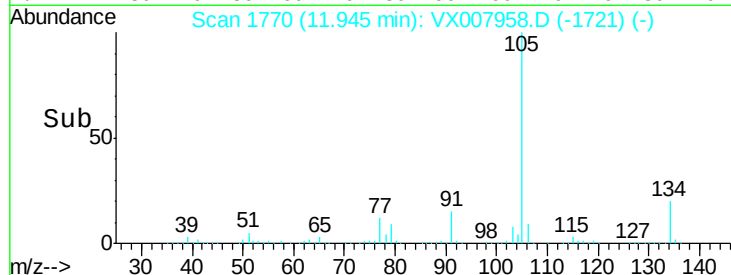
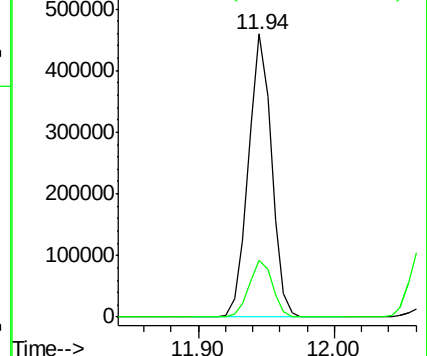
105 100

134 20.5 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: 50.817 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

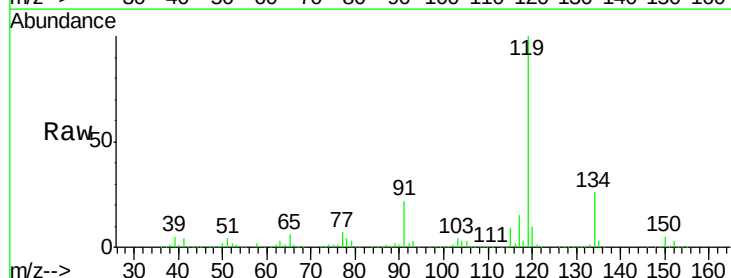
Tgt Ion:119 Resp: 490609

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

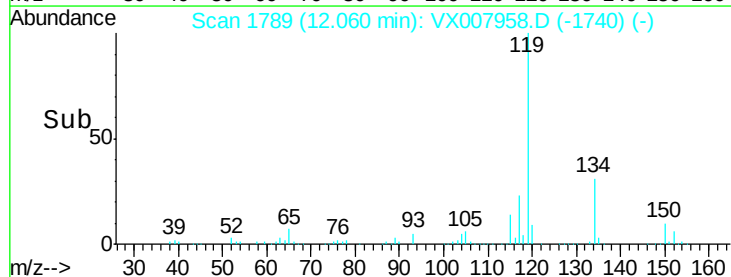
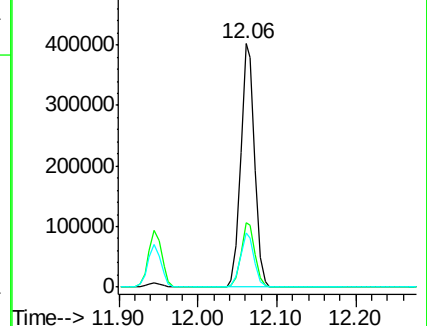
91 21.9 10.9 32.7

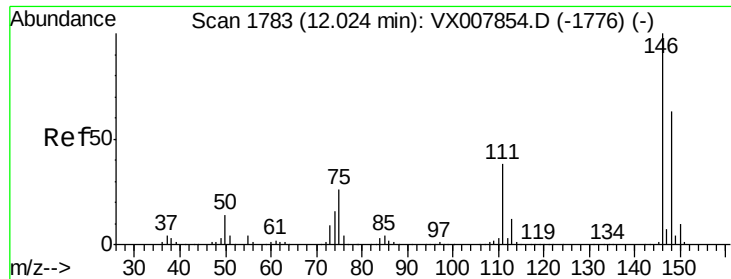


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

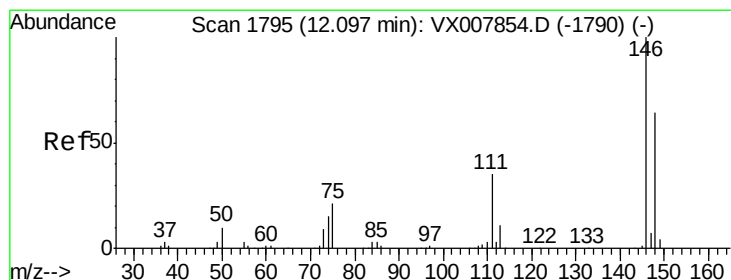
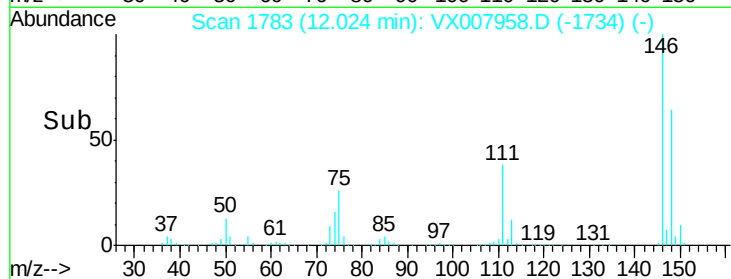
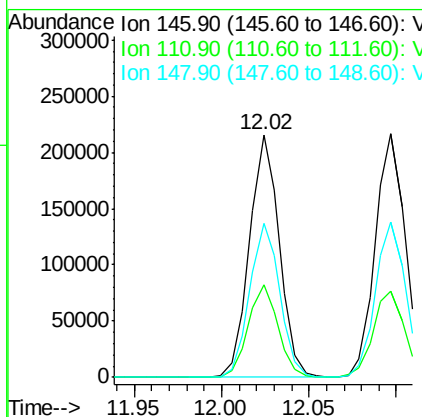
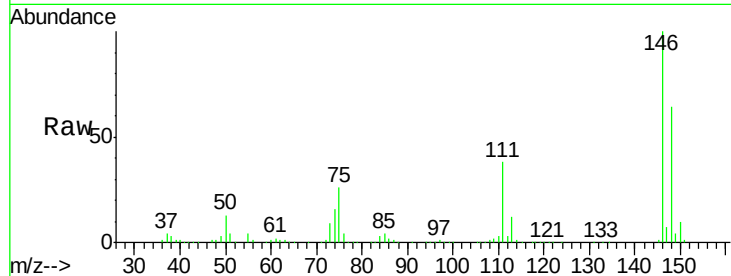




#87
 1,3-Dichlorobenzene
 Concen: 48.045 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

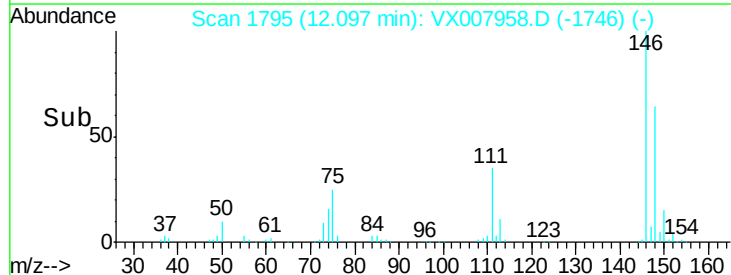
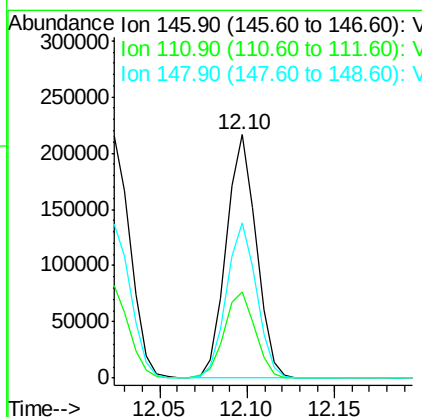
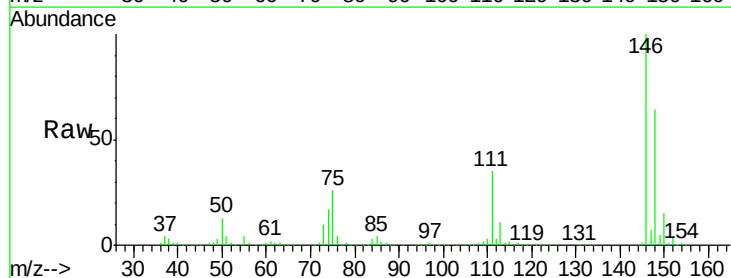
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

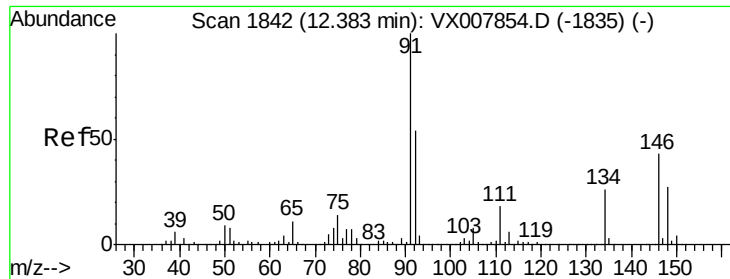
Tot Ion:146 Resp: 257282
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.138 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion:146 Resp: 258510
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 50.140 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

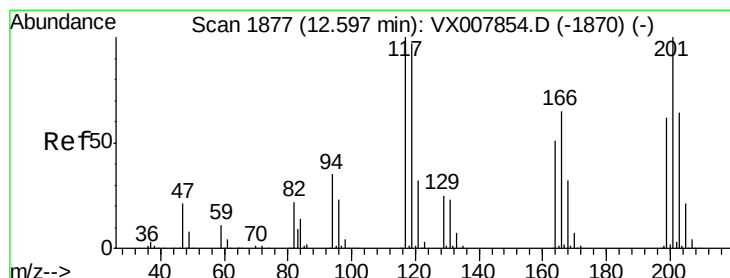
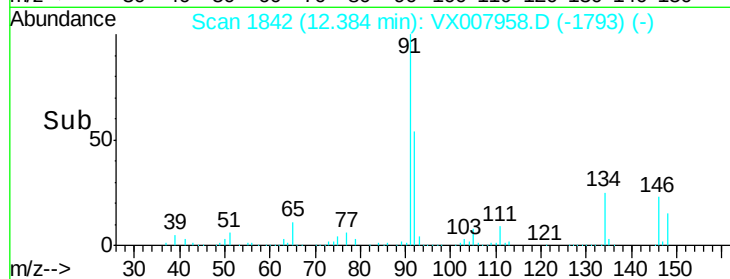
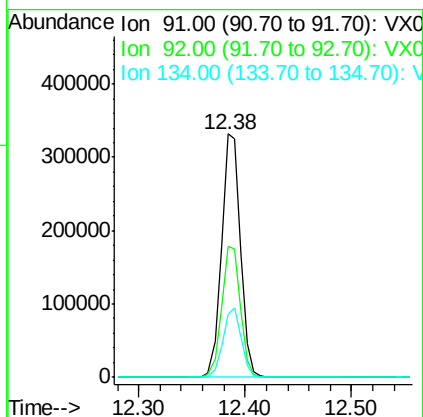
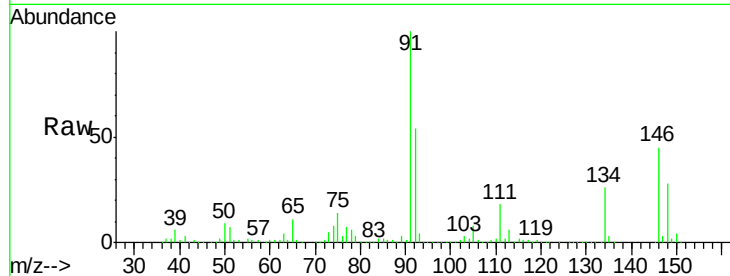
Tot Ion: 91 Resp: 410119

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

134 27.6 13.7 41.0



#90

Hexachloroethane

Concen: 49.276 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007958.D

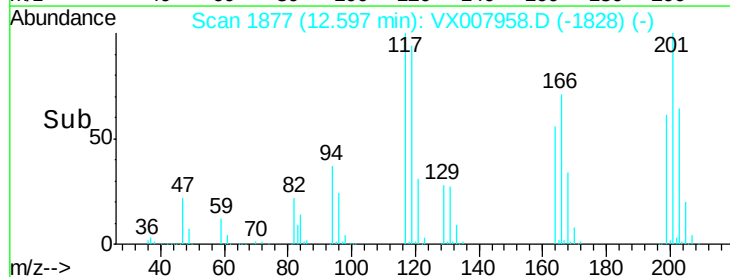
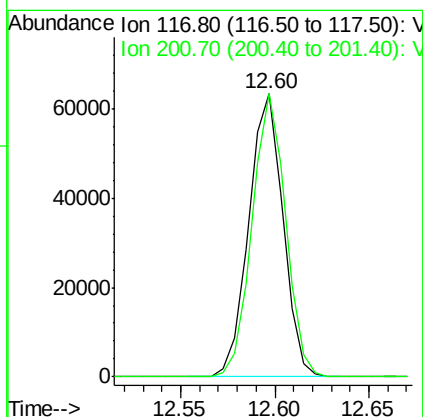
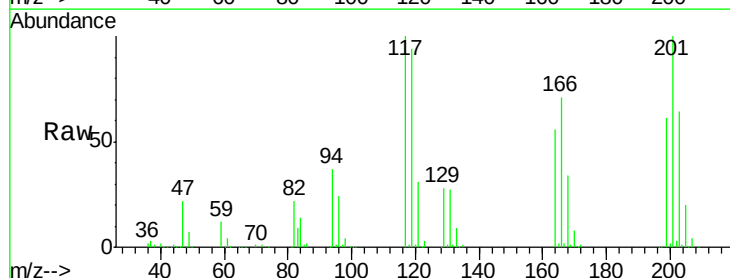
Acq: 09 Mar 2019 03:34

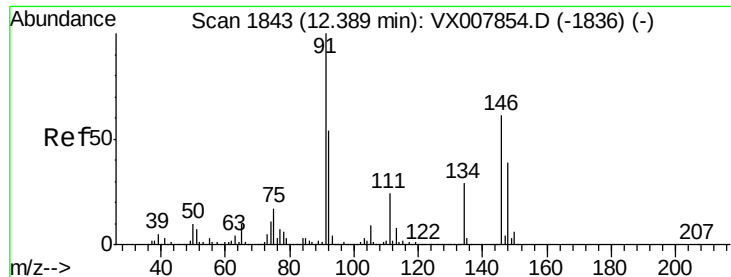
Tgt Ion: 117 Resp: 79541

Ion Ratio Lower Upper

117 100

201 98.0 48.9 146.7

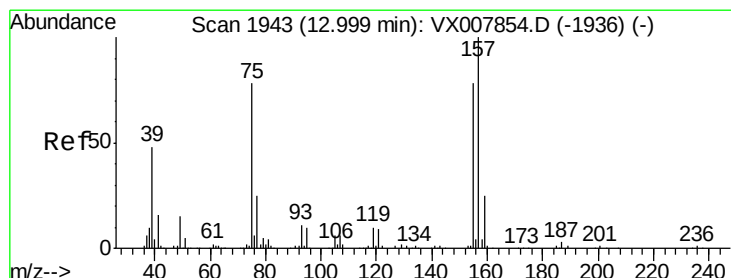
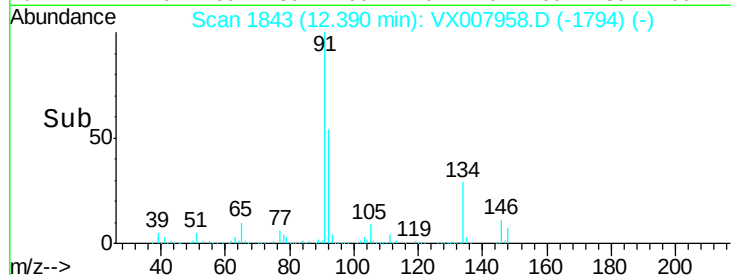
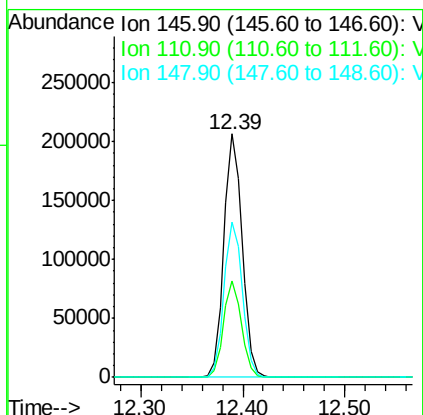
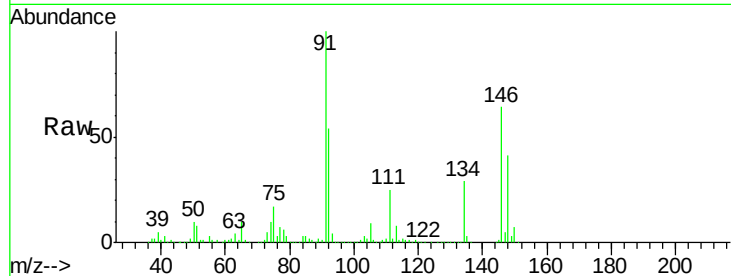




#91
 1,2-Dichlorobenzene
 Concen: 48.470 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

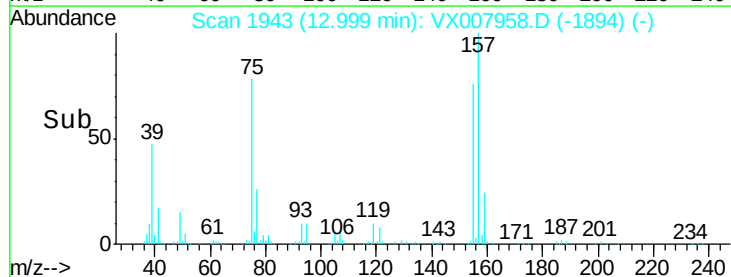
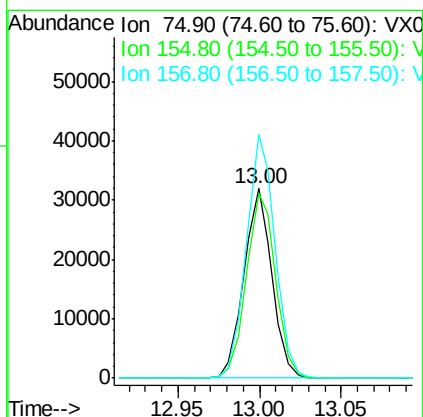
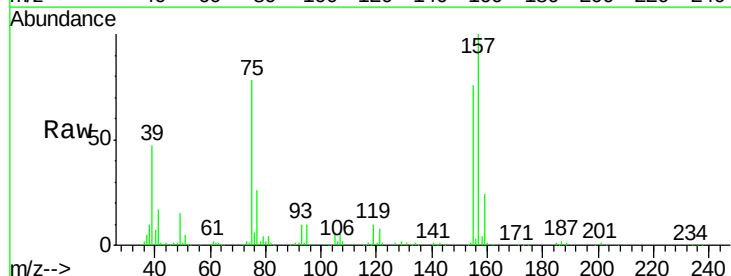
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

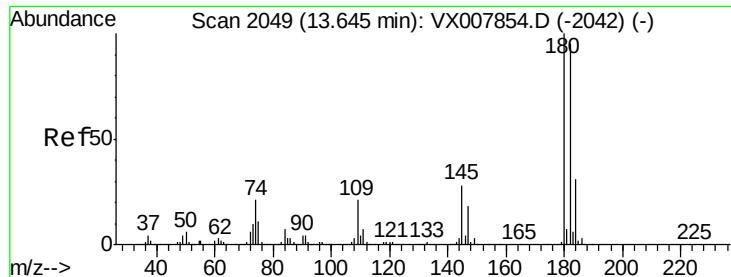
Tot Ion:146 Resp: 257851
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.983 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion: 75 Resp: 38190
 Ion Ratio Lower Upper
 75 100
 155 101.7 49.7 149.1
 157 131.5 63.8 191.4

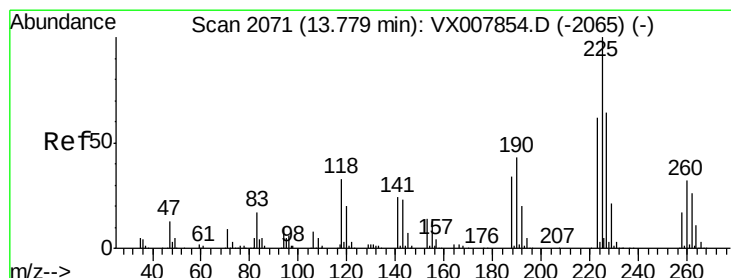
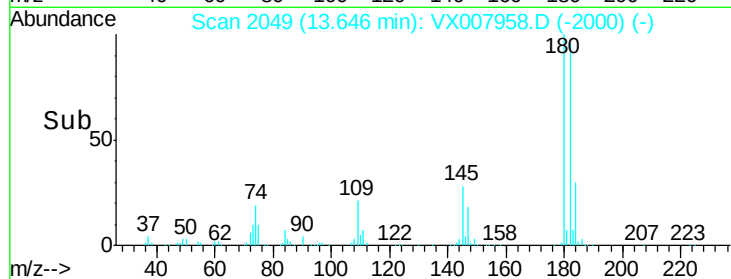
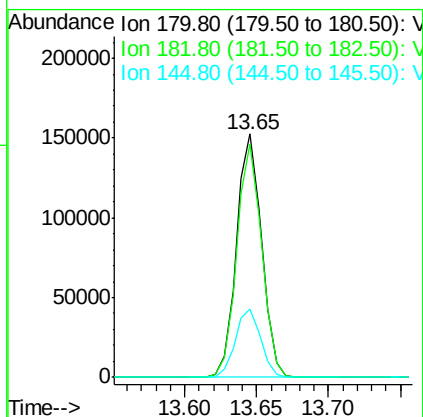
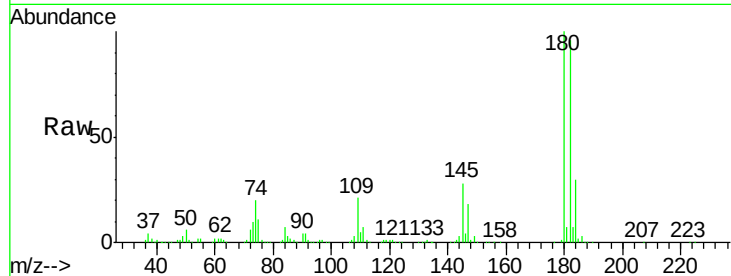




#93
 1,2,4-Trichlorobenzene
 Concen: 49.475 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

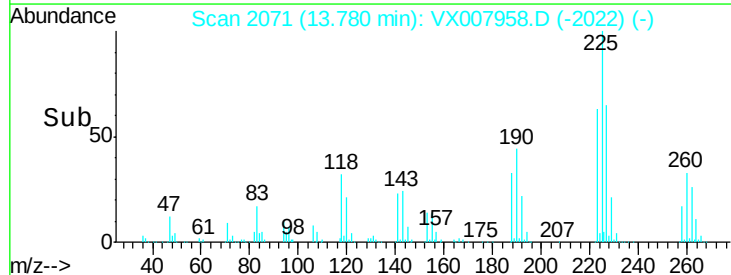
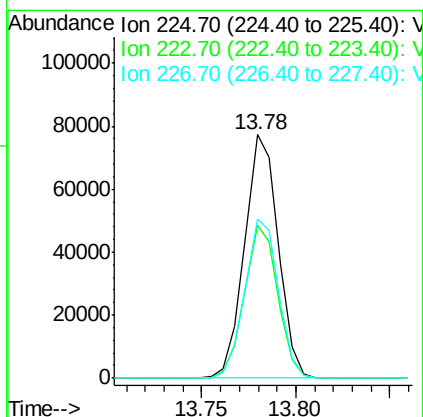
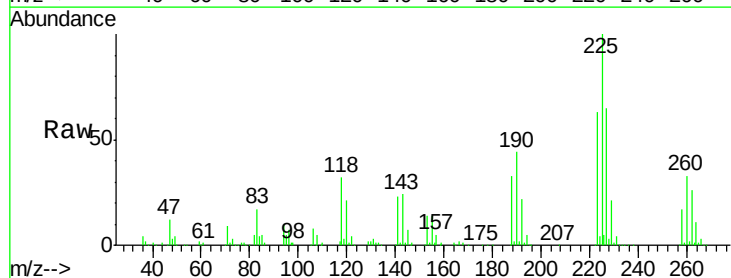
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

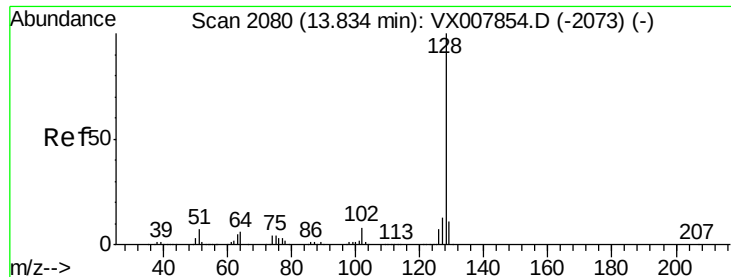
Tot Ion:180 Resp: 184895
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.891 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion:225 Resp: 95528
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 65.3 32.0 96.0





#95

Naphthalene

Concen: 51.496 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

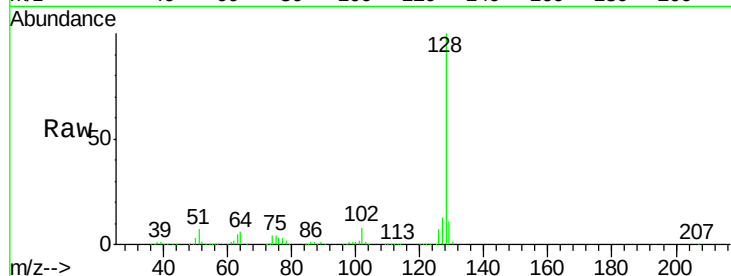
Tot Ion:128 Resp: 554513

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

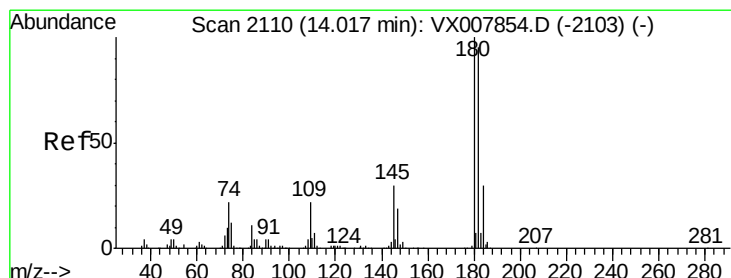
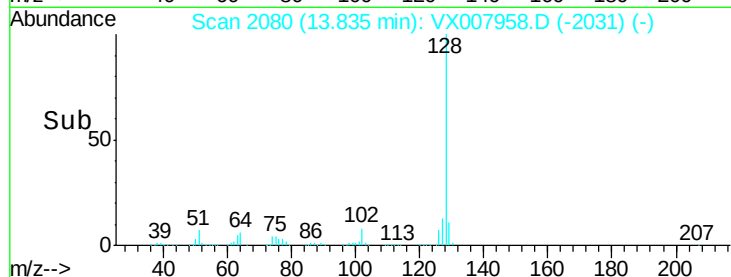
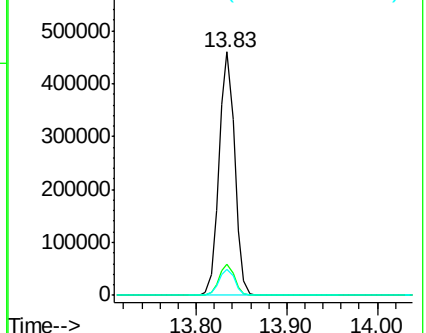
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.404 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

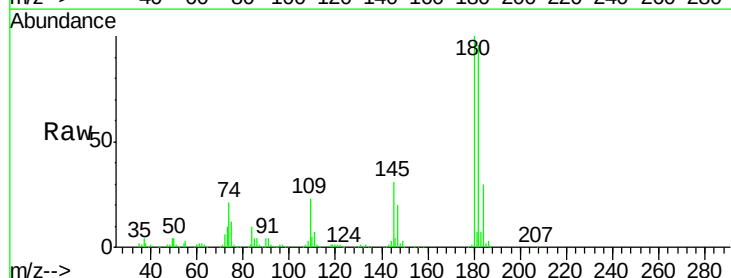
Tgt Ion:180 Resp: 183923

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 30.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

