

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010792.D
 Acq On : 10 Jul 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 01:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93331	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.50	113	89191	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	325913	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.13	95	125629	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80722	57.677	ug/l	100
3) Chloromethane	1.32	50	89207	54.739	ug/l	99
4) Vinyl Chloride	1.41	62	94582	52.987	ug/l	100
5) Bromomethane	1.64	94	50745	58.353	ug/l	98
6) Chloroethane	1.71	64	59893	56.872	ug/l	99
7) Trichlorofluoromethane	1.92	101	161703	57.146	ug/l	98
8) Diethyl Ether	2.19	74	57828	56.987	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90160	52.578	ug/l	98
10) Methyl Iodide	2.51	142	124310	50.796	ug/l	96
11) Tert butyl alcohol	3.06	59	116766	236.423	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91939	52.691	ug/l	98
13) Acrolein	2.29	56	72865	222.400	ug/l	100
14) Allyl chloride	2.73	41	132049	53.305	ug/l	98
15) Acrylonitrile	3.14	53	270825	276.964	ug/l	100
16) Acetone	2.45	43	217596	230.033	ug/l	96
17) Carbon Disulfide	2.57	76	219135	46.811	ug/l	99
18) Methyl Acetate	2.78	43	108030	57.301	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	296864	54.081	ug/l	99
20) Methylene Chloride	2.85	84	105067	53.972	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96521	51.433	ug/l	100
22) Diisopropyl ether	3.85	45	286458	55.308	ug/l	98
23) Vinyl Acetate	3.82	43	1262051	282.061	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162379	54.238	ug/l	99
25) 2-Butanone	4.68	43	366309	263.994	ug/l	99
26) 2,2-Dichloropropane	4.58	77	112155	43.124	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112683	51.961	ug/l	99
28) Bromochloromethane	5.02	49	70640	49.350	ug/l	95
29) Tetrahydrofuran	5.13	42	239996	279.238	ug/l	98
30) Chloroform	5.21	83	173116	53.743	ug/l	100
31) Cyclohexane	5.57	56	143296	52.560	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	151927	53.414	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124571	51.033	ug/l	98
37) Ethyl Acetate	4.84	43	136352	54.297	ug/l	99
38) Carbon Tetrachloride	5.78	117	131903	49.901	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156779	48.862	ug/l	97
40) Benzene	6.14	78	393321	51.720	ug/l	98
41) Methacrylonitrile	5.04	41	74962	54.405	ug/l	98
42) 1,2-Dichloroethane	6.19	62	129082	55.761	ug/l	98
43) Isopropyl Acetate	6.45	43	221746	53.372	ug/l	98
44) Trichloroethene	7.21	130	113008	49.661	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99206	51.658	ug/l	99
46) Dibromomethane	7.66	93	73022	52.996	ug/l	95
47) Bromodichloromethane	7.90	83	128076	50.721	ug/l	97
48) Methyl methacrylate	7.77	41	108025	55.937	ug/l	97
49) 1,4-Dioxane	7.74	88	58666	1054.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	747496	281.308	ug/l	98
52) Toluene	8.79	92	257326	51.382	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139669	49.335	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155907	50.677	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109881	53.200	ug/l	99
56) Ethyl methacrylate	9.18	69	167330	53.479	ug/l	96
57) 1,3-Dichloropropane	9.37	76	169410	52.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	355372	239.149	ug/l	99
59) 2-Hexanone	9.49	43	577603	276.190	ug/l	98
60) Dibromochloromethane	9.58	129	115868	50.103	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117172	52.557	ug/l	99
64) Tetrachloroethene	9.34	164	102815	44.723	ug/l	98
65) Chlorobenzene	10.13	112	292423	50.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106765	50.795	ug/l	100
67) Ethyl Benzene	10.25	91	506855	52.030	ug/l	99
68) m/p-Xylenes	10.36	106	391968	103.843	ug/l	99
69) o-Xylene	10.69	106	189975	51.179	ug/l	98
70) Styrene	10.71	104	330166	53.037	ug/l	99
71) Bromoform	10.85	173	87912	48.096	ug/l #	99
73) Isopropylbenzene	11.02	105	507621	48.264	ug/l	99
74) N-amyl acetate	10.90	43	214097	53.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	176542	50.685	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	188460	66.657	ug/l	80
77) Bromobenzene	11.26	156	139660	47.555	ug/l	99
78) n-propylbenzene	11.36	91	573449	49.610	ug/l	99
79) 2-Chlorotoluene	11.42	91	338364	49.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	431929	49.816	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	49173	40.574	ug/l	89
82) 4-Chlorotoluene	11.51	91	392596	50.125	ug/l	100
83) tert-Butylbenzene	11.77	119	426754	49.039	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	435072	49.945	ug/l	100
85) sec-Butylbenzene	11.94	105	504746	49.399	ug/l	99
86) p-Isopropyltoluene	12.06	119	465622	49.266	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	247593	48.298	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245345	47.011	ug/l	99
89) n-Butylbenzene	12.38	91	394727	49.150	ug/l	99
90) Hexachloroethane	12.60	117	74013	45.289	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	244966	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36184	48.182	ug/l	91

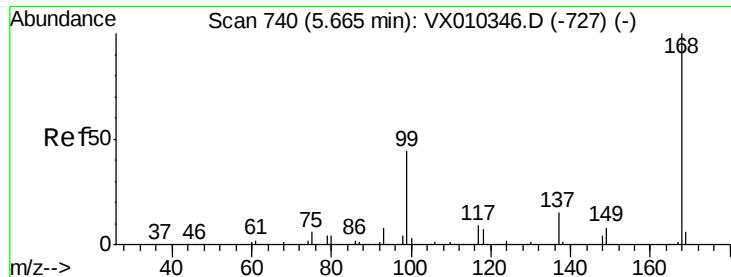
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	165550	46.855	ug/l	99
94) Hexachlorobutadiene	13.78	225	80343	46.526	ug/l	99
95) Naphthalene	13.83	128	535947	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168882	48.074	ug/l	99

(#) = 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: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

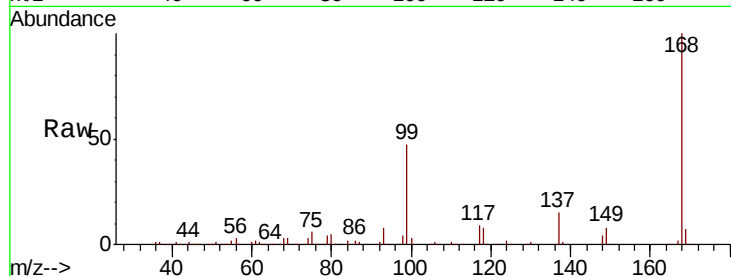
VSTDCCC050EC

Tot Ion:168 Resp: 201307

Ion Ratio Lower Upper

168 100

99 46.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

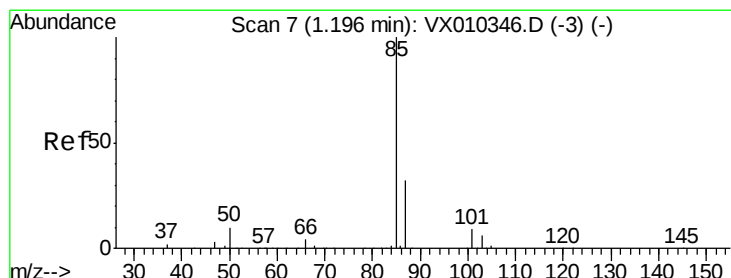
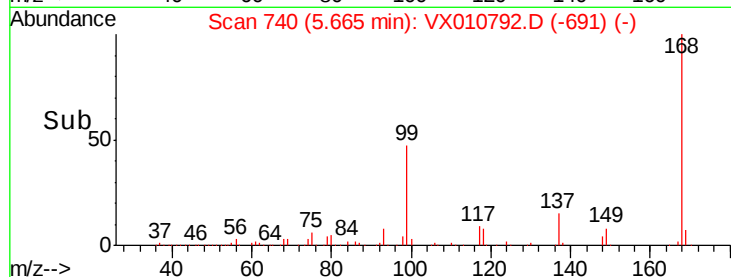
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 57.677 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010792.D

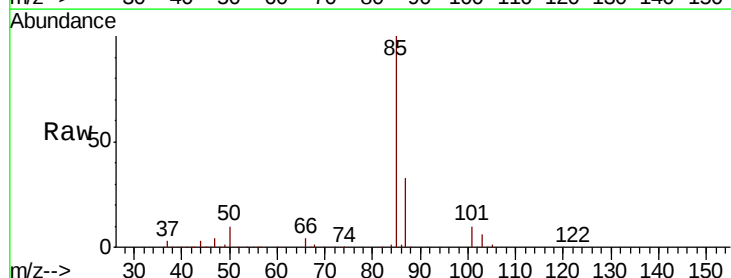
Acq: 10 Jul 2019 21:03

Tgt Ion: 85 Resp: 80722

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

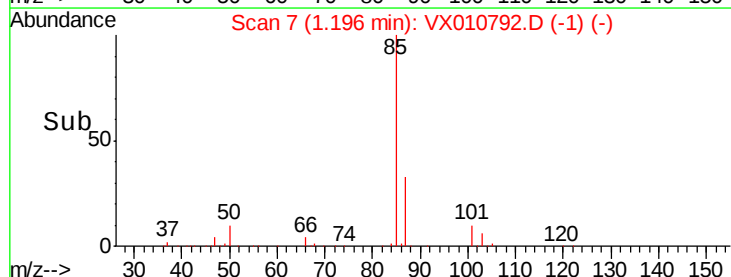
Time-->

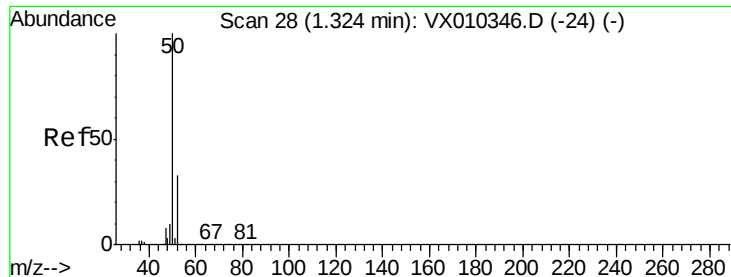
1.15

1.20

1.25

1.30

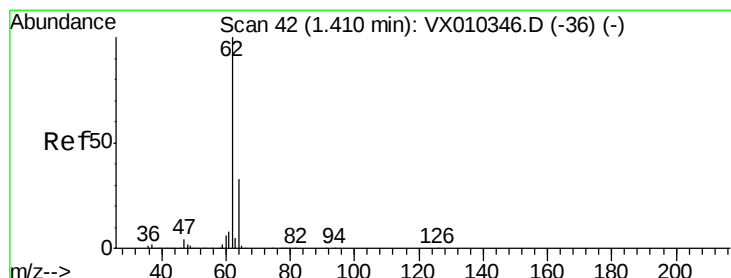
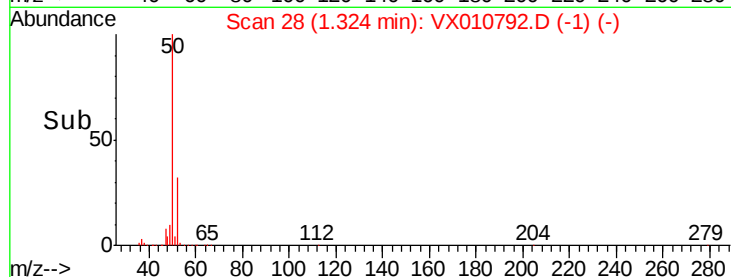
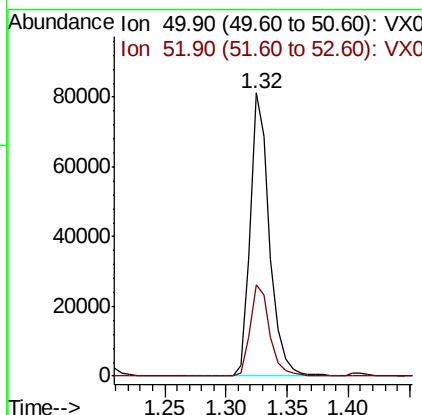
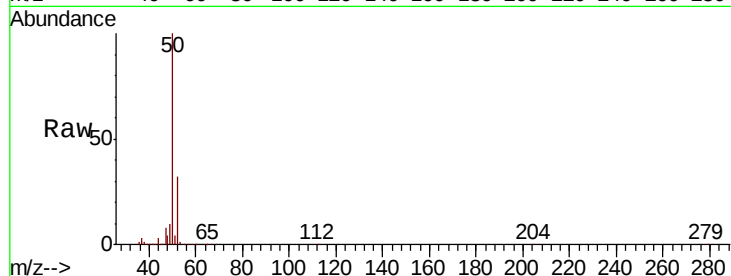




#3
Chloromethane
Concen: 54.739 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

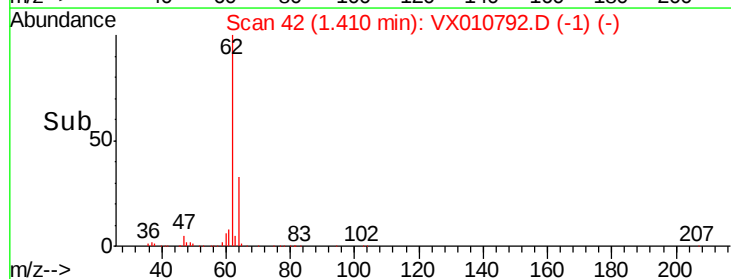
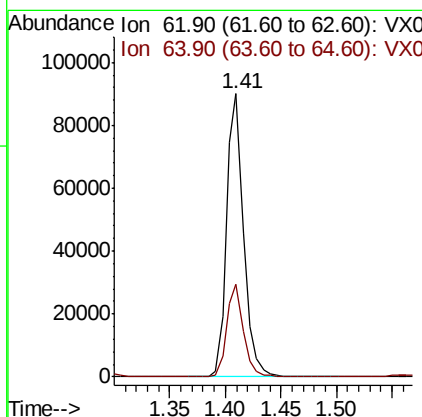
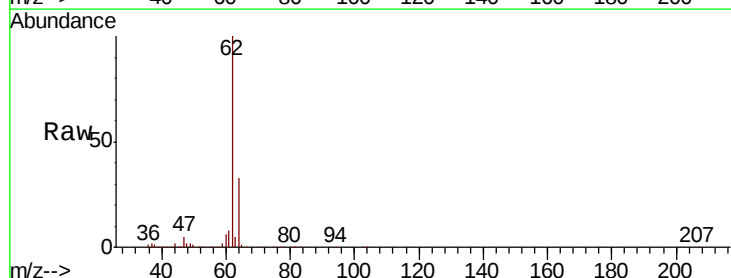
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

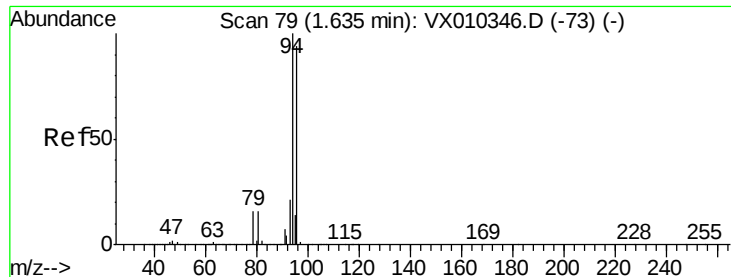
Tot Ion: 50 Resp: 89207
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 52.987 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 62 Resp: 94582
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.4





#5

Bromomethane

Concen: 58.353 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

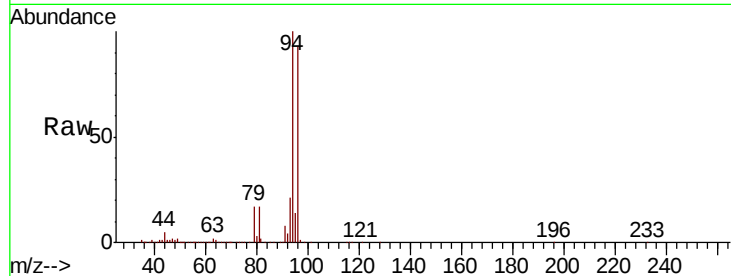
VSTDCCC050EC

Tot Ion: 94 Resp: 50745

Ion Ratio Lower Upper

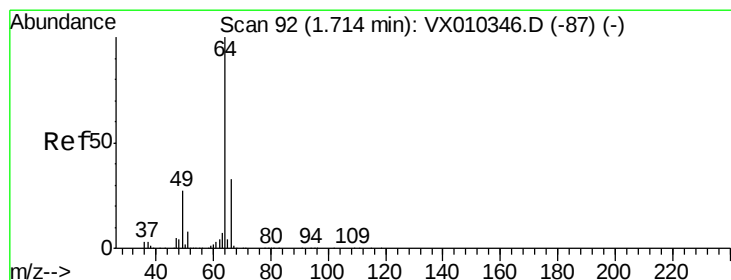
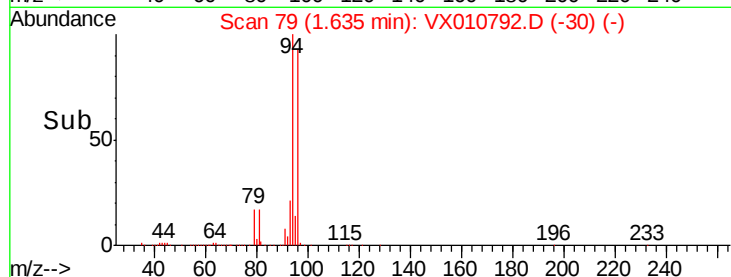
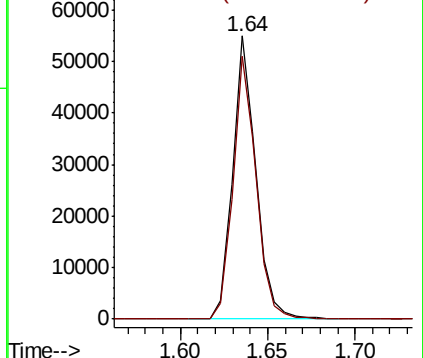
94 100

96 92.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.872 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010792.D

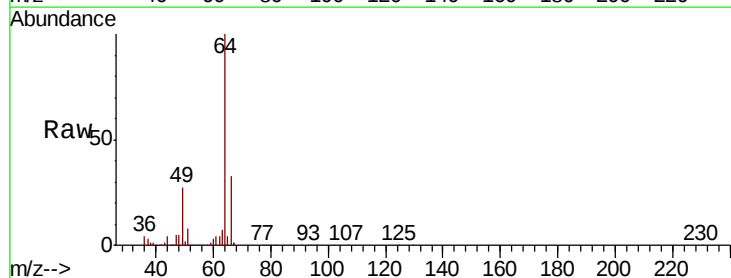
Acq: 10 Jul 2019 21:03

Tgt Ion: 64 Resp: 59893

Ion Ratio Lower Upper

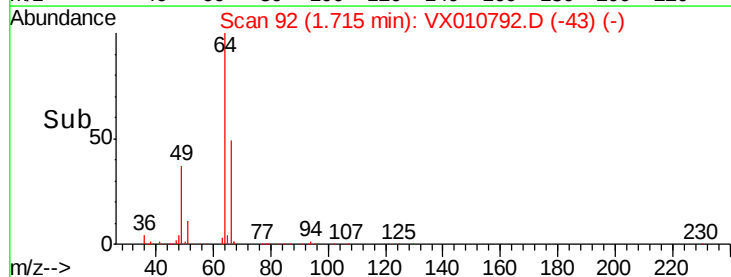
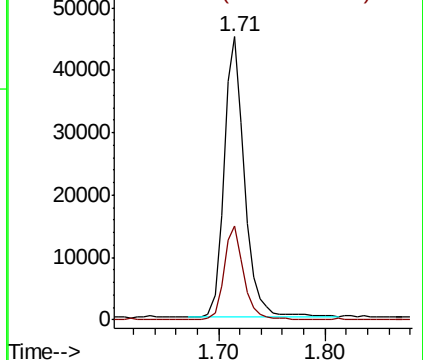
64 100

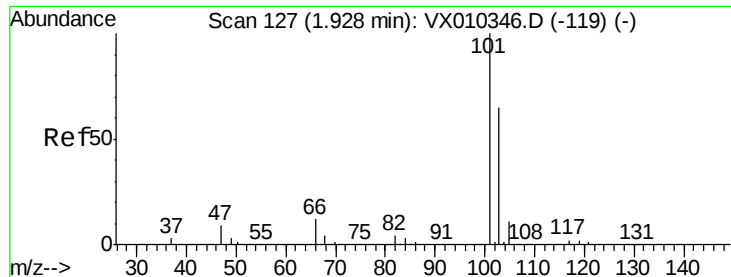
66 33.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



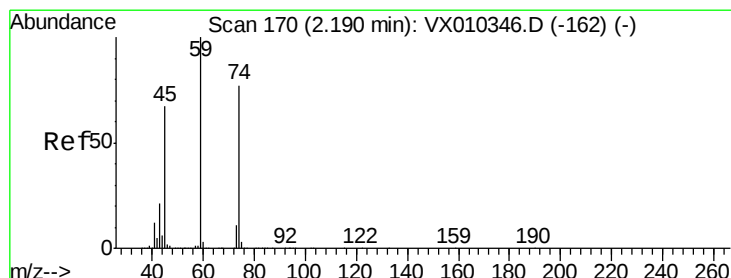
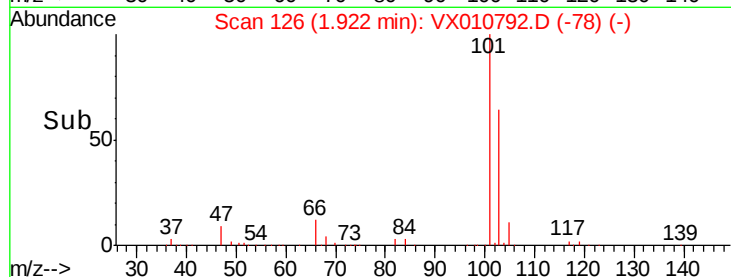
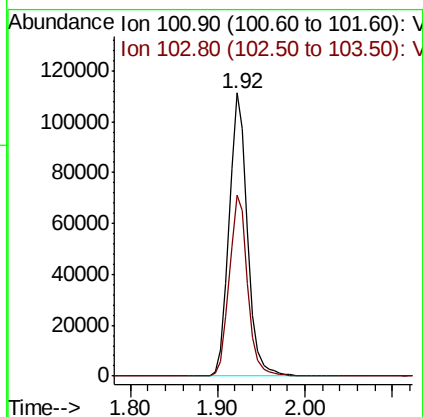
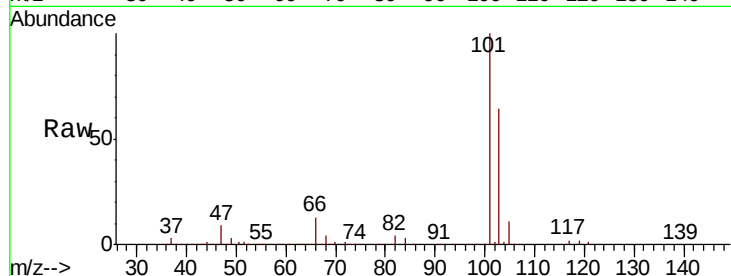


#7

Trichlorofluoromethane
 Concen: 57.146 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

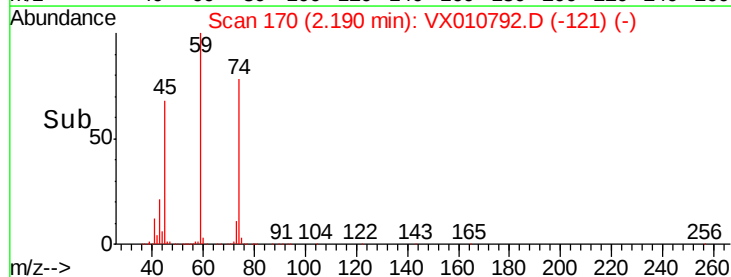
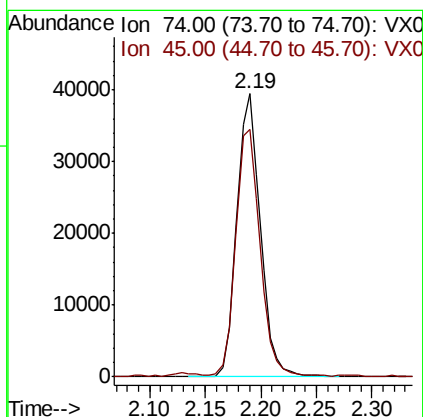
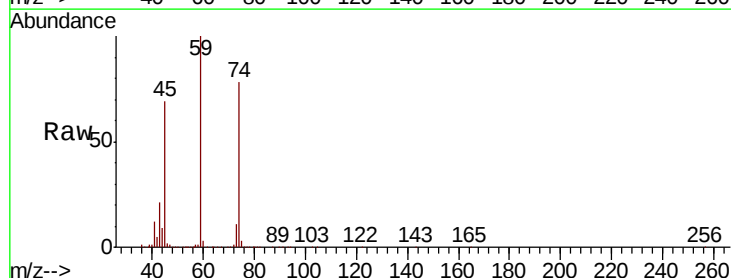
Tot Ion:101 Resp: 161703
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

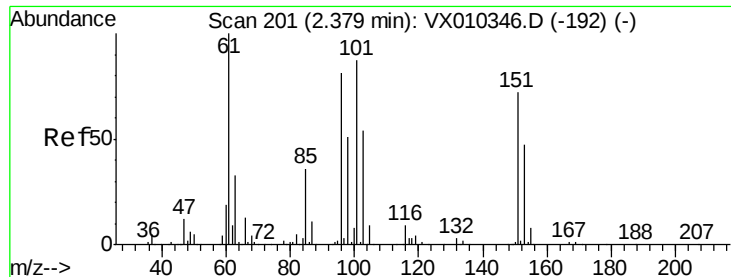


#8

Diethyl Ether
 Concen: 56.987 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 74 Resp: 57828
 Ion Ratio Lower Upper
 74 100
 45 89.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.578 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

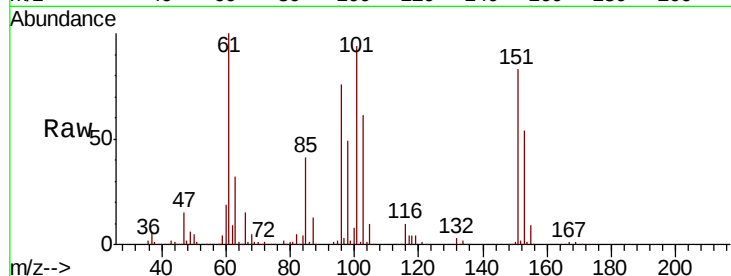
Tot Ion:101 Resp: 90160

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

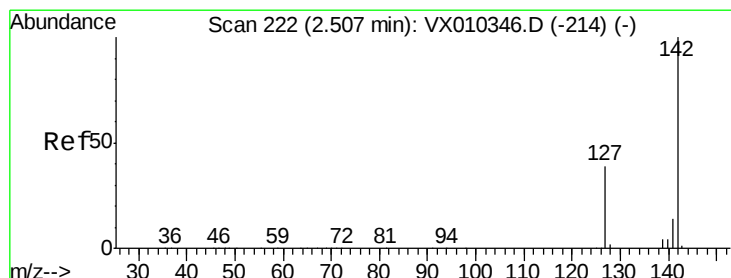
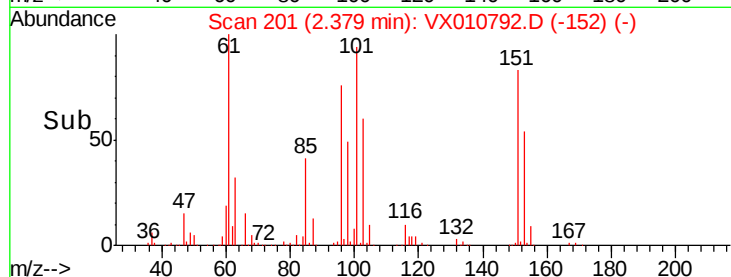
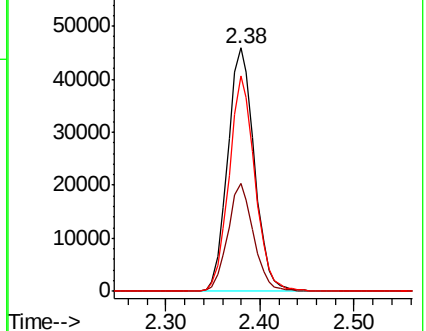
151 86.1 70.1 105.1



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: 50.796 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

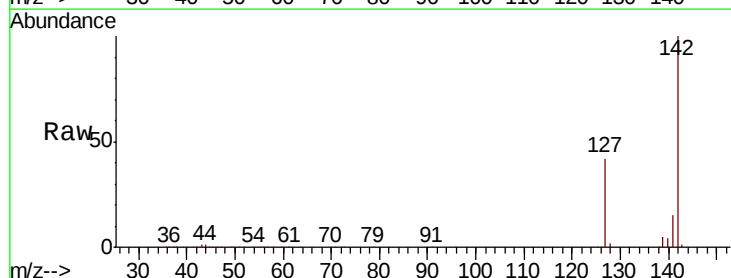
Tgt Ion:142 Resp: 124310

Ion Ratio Lower Upper

142 100

127 41.7 31.1 46.7

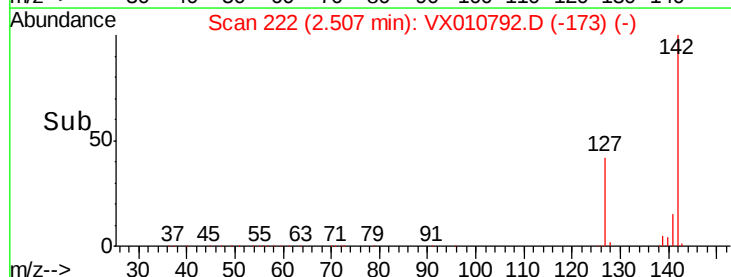
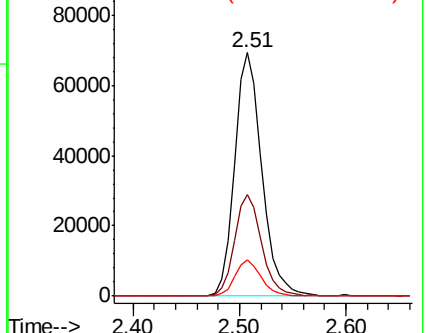
141 14.3 11.2 16.8

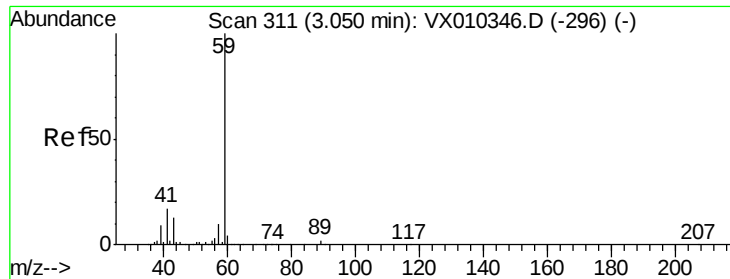


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

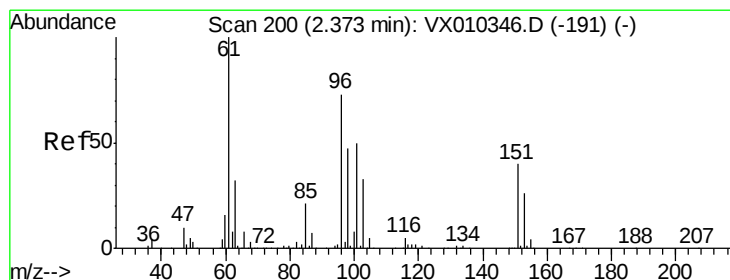
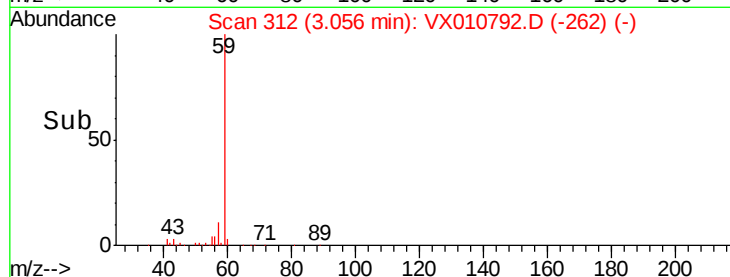
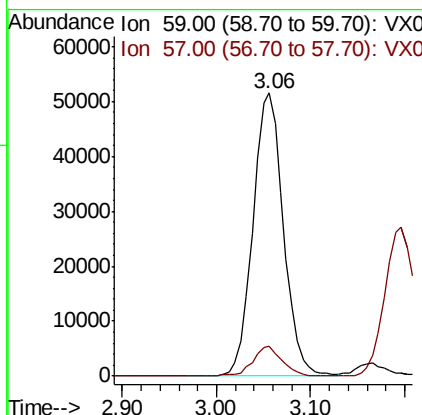
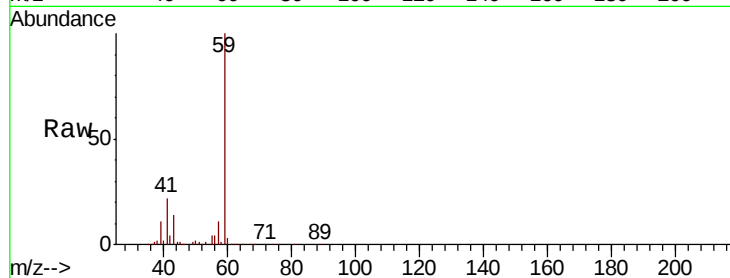




#11
Tert butyl alcohol
Concen: 236.423 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

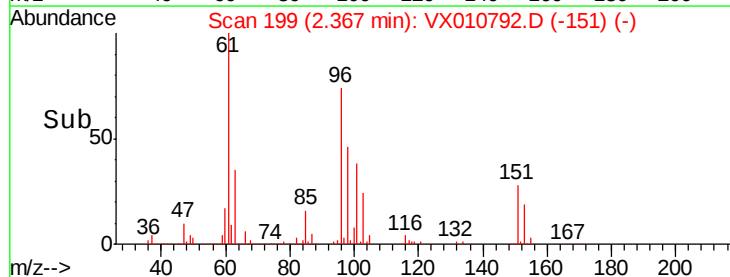
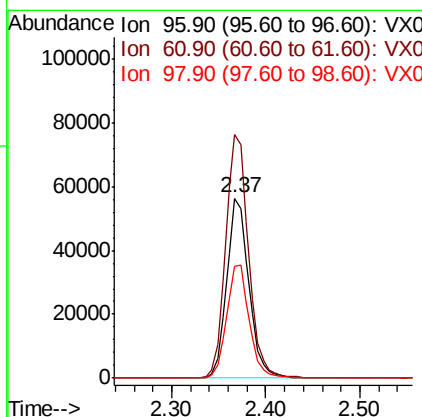
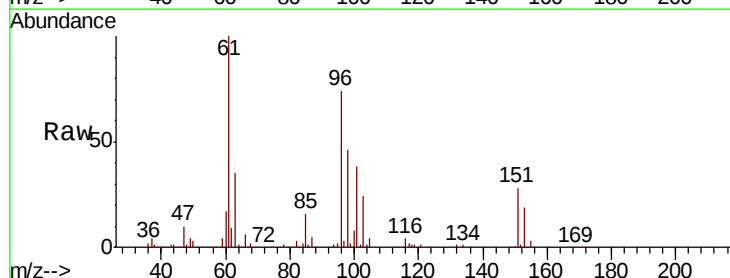
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

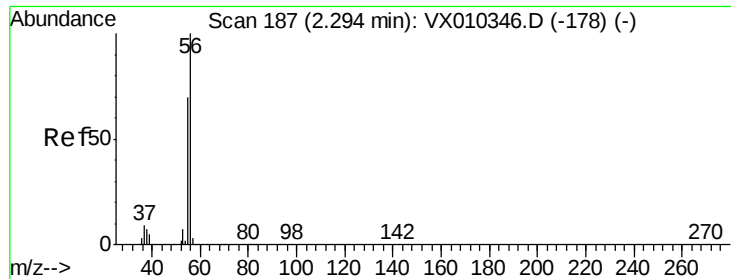
Tot Ion: 59 Resp: 116766
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 52.691 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 96 Resp: 91939
Ion Ratio Lower Upper
96 100
61 135.2 109.2 163.8
98 61.8 51.1 76.7

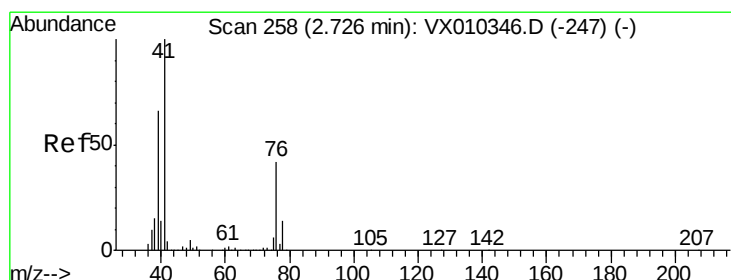
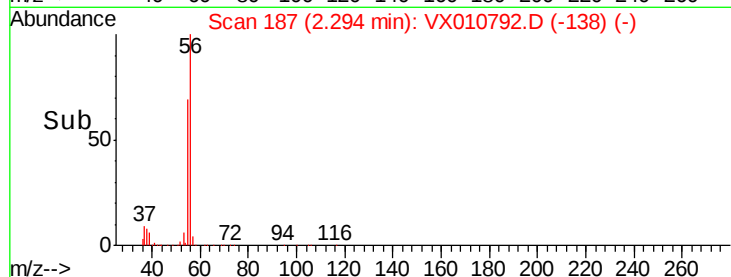
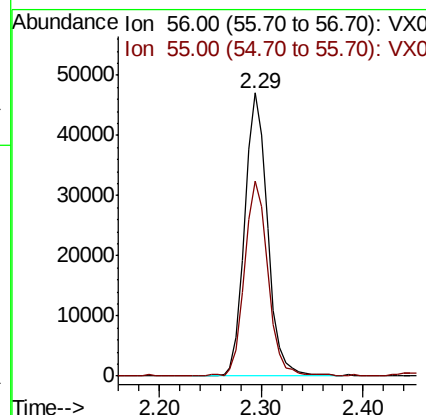
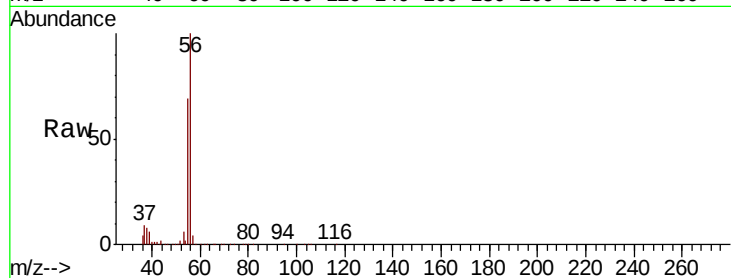




#13
Acrolein
Concen: 222.400 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

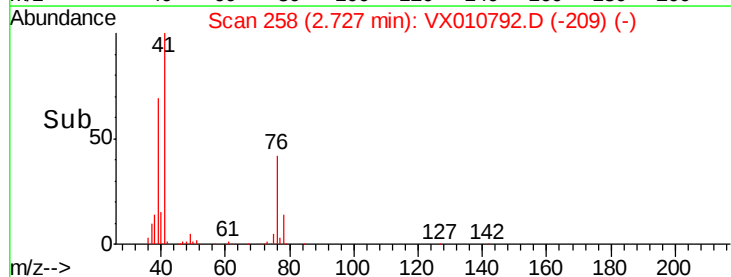
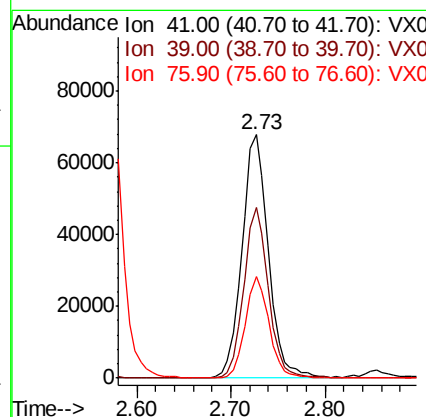
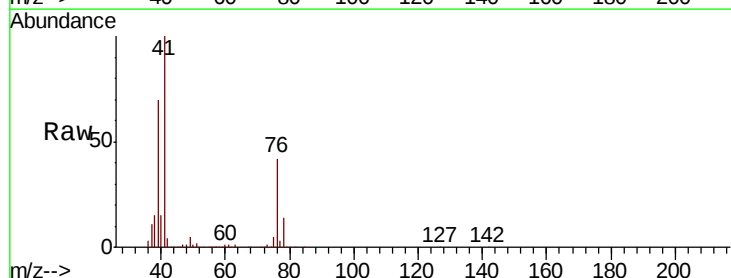
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

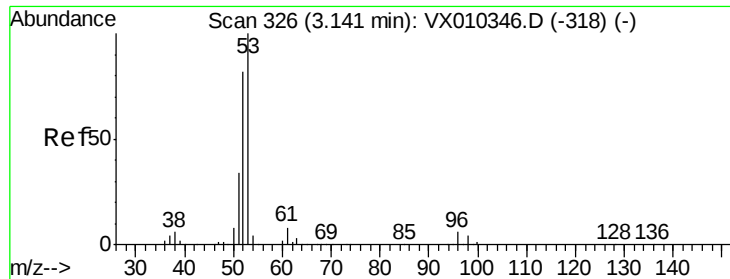
Tot Ion: 56 Resp: 72865
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3



#14
Allyl chloride
Concen: 53.305 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 41 Resp: 132049
Ion Ratio Lower Upper
41 100
39 64.7 50.3 75.5
76 37.8 31.3 46.9





#15

Acrylonitrile

Concen: 276.964 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

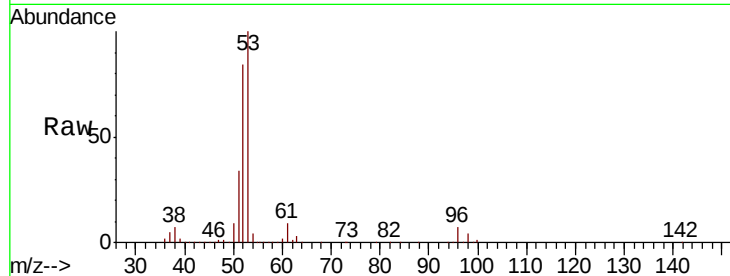
Tot Ion: 53 Resp: 270825

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

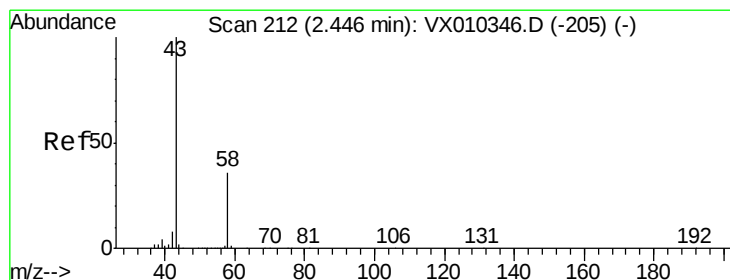
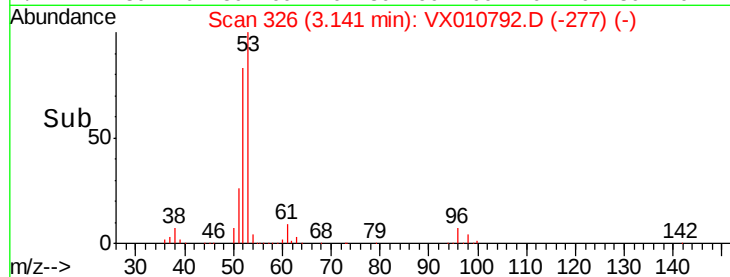
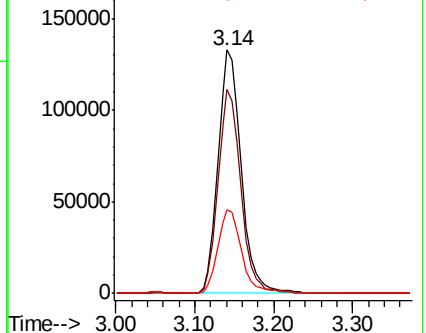
51 35.3 28.2 42.4



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: 230.033 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010792.D

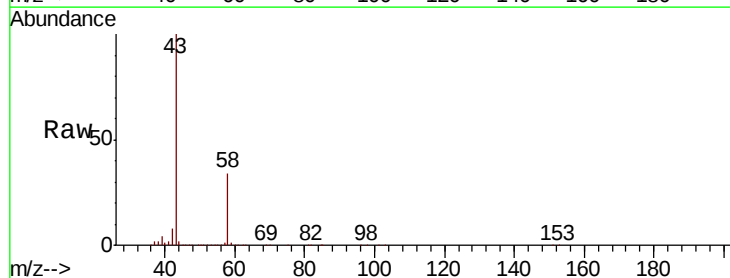
Acq: 10 Jul 2019 21:03

Tgt Ion: 43 Resp: 217596

Ion Ratio Lower Upper

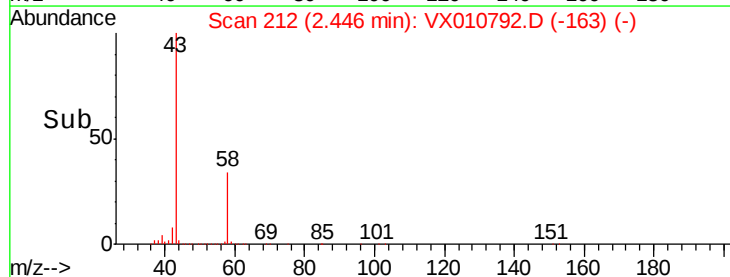
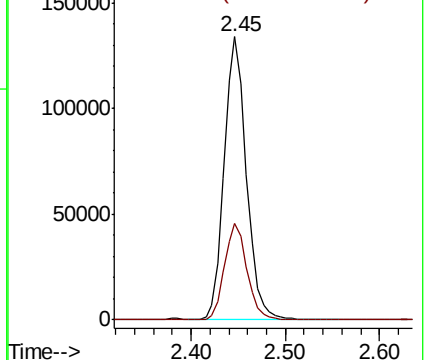
43 100

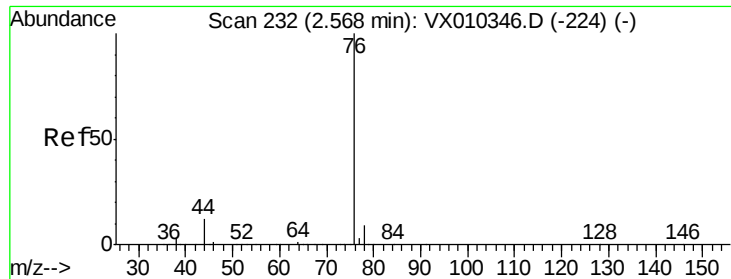
58 33.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

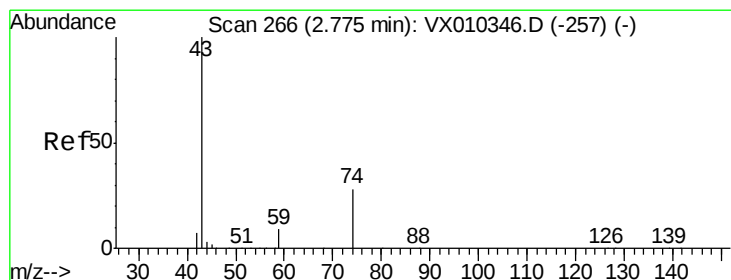
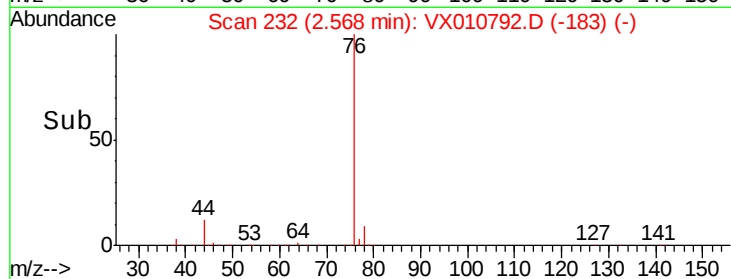
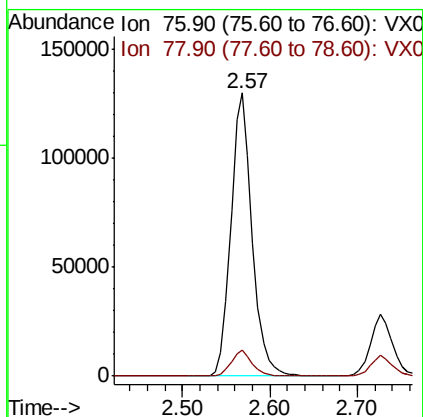
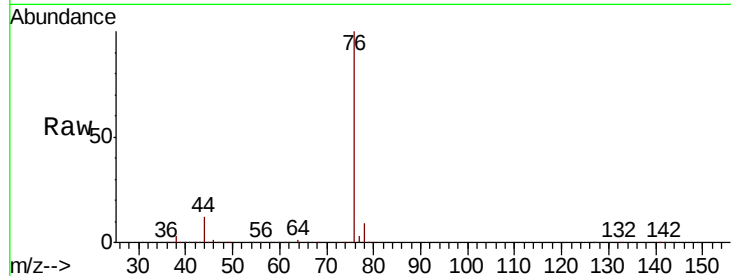




#17
Carbon Disulfide
Concen: 46.811 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

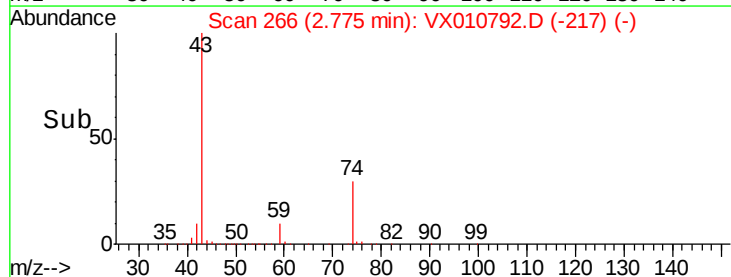
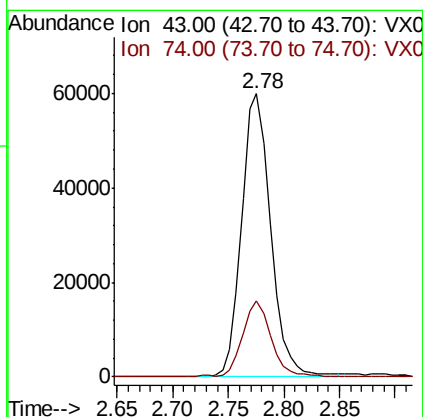
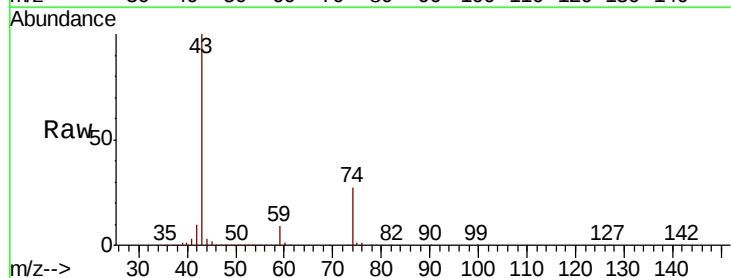
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

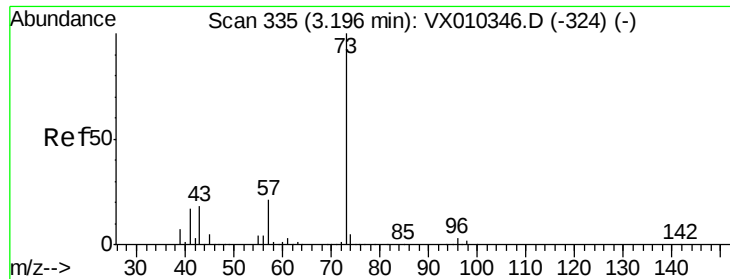
Tot Ion: 76 Resp: 219135
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 57.301 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 43 Resp: 108030
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9

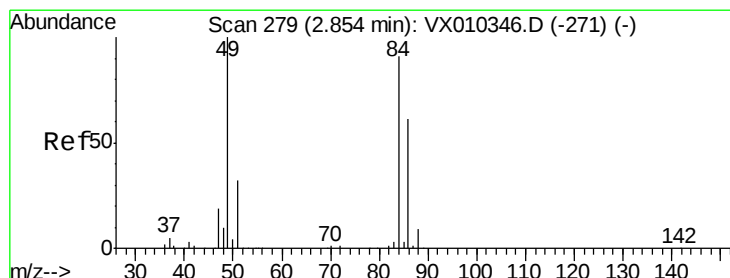
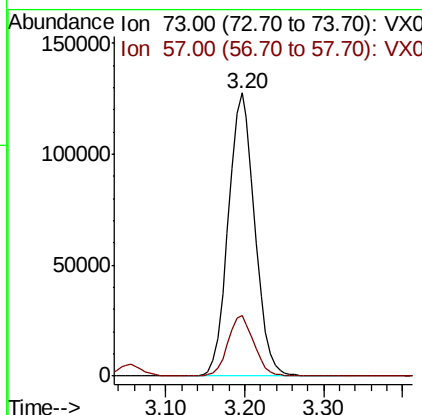
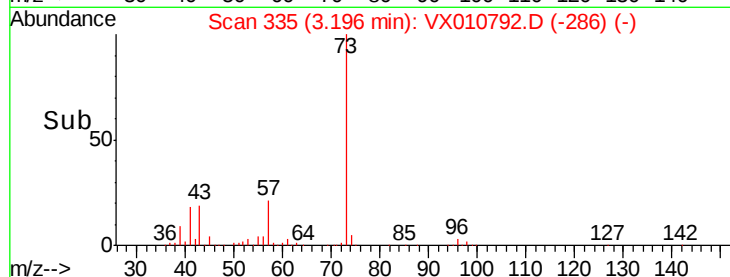
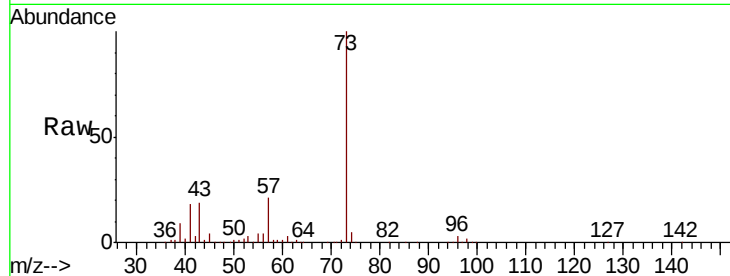




#19
Methyl tert-butyl Ether
Concen: 54.081 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

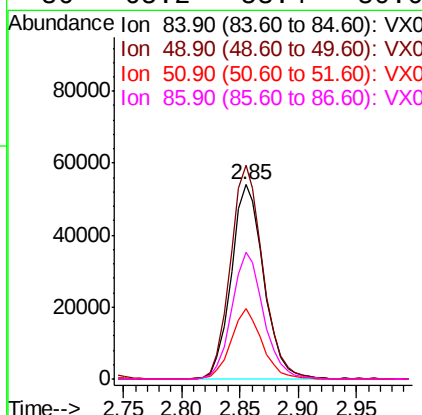
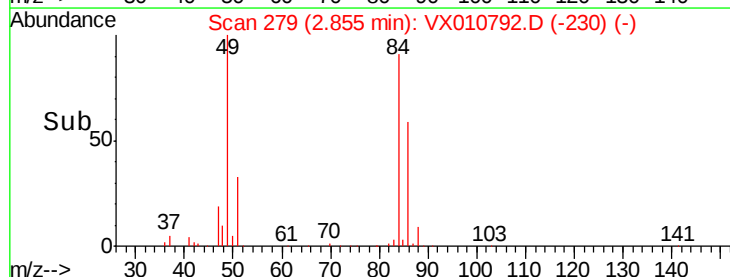
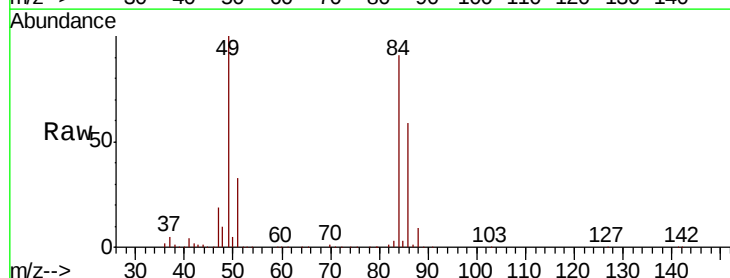
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

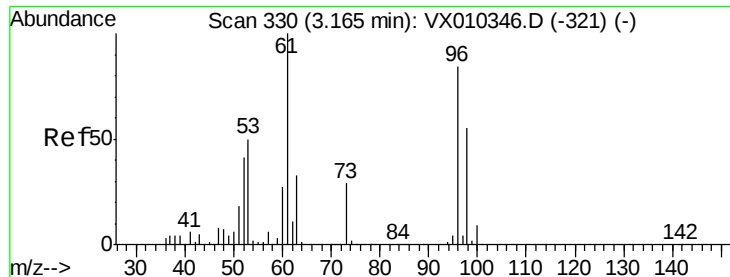
Tot Ion: 73 Resp: 296864
Ion Ratio Lower Upper
73 100
57 21.2 16.4 24.6



#20
Methylene Chloride
Concen: 53.972 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 84 Resp: 105067
Ion Ratio Lower Upper
84 100
49 110.0 87.5 131.3
51 35.8 27.7 41.5
86 65.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.433 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

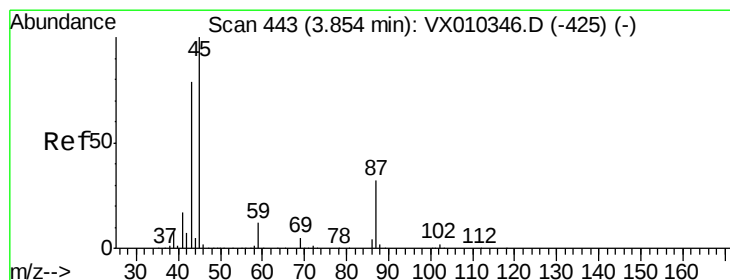
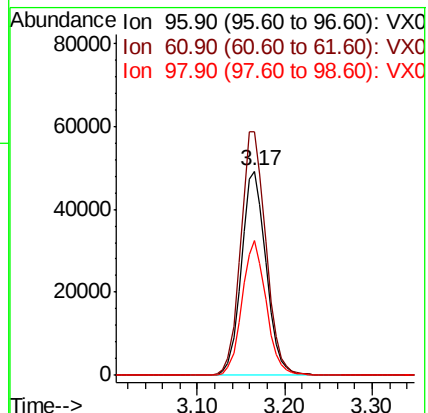
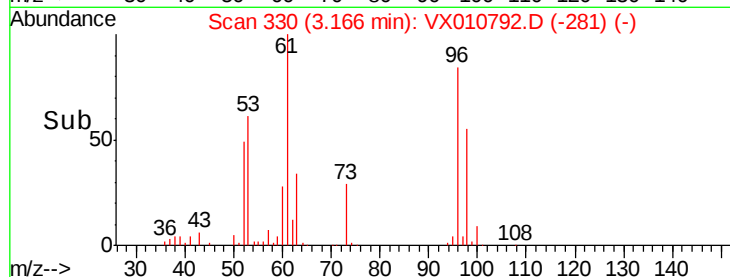
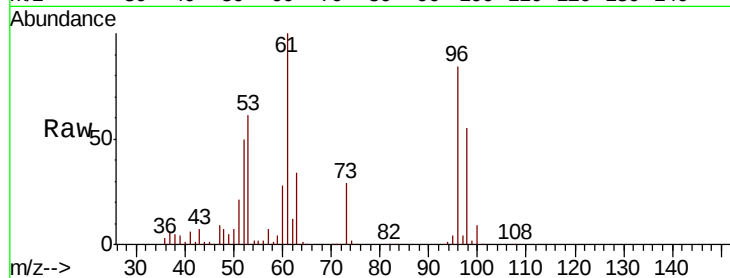
Tot Ion: 96 Resp: 96521

Ion Ratio Lower Upper

96 100

61 119.1 95.6 143.4

98 65.9 52.5 78.7



#22

Diisopropyl ether

Concen: 55.308 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Tgt Ion: 45 Resp: 286458

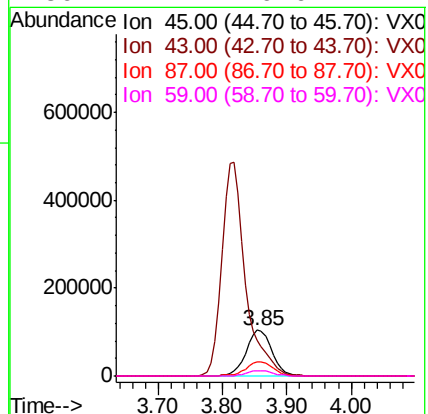
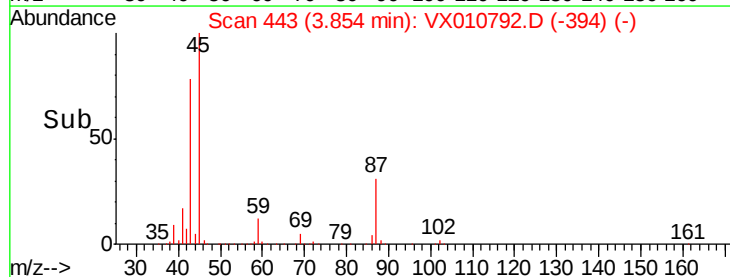
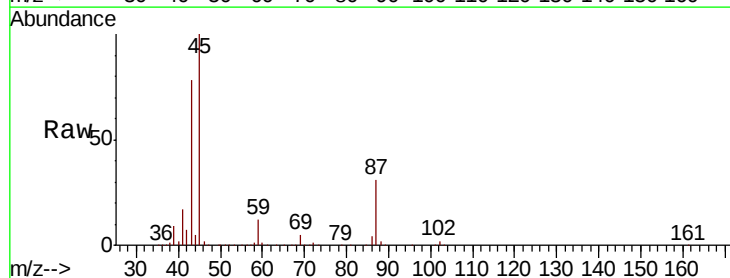
Ion Ratio Lower Upper

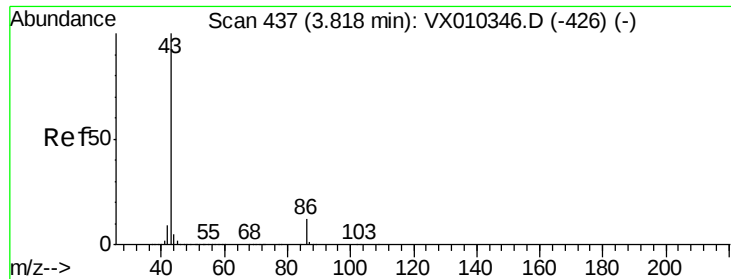
45 100

43 78.0 63.3 94.9

87 30.6 25.8 38.8

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 282.061 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

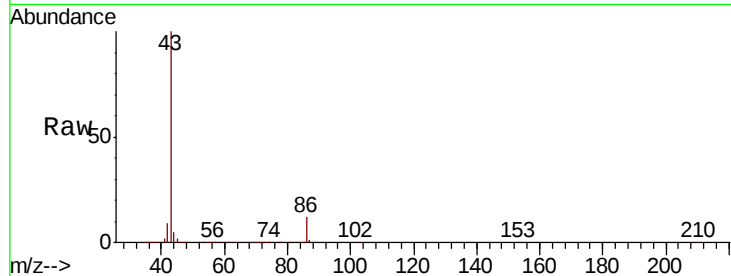
VSTDCCC050EC

Tot Ion: 43 Resp: 1262051

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

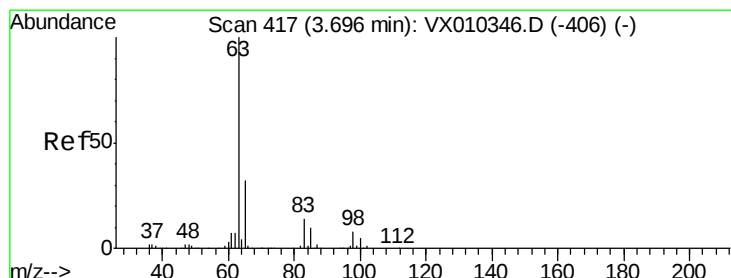
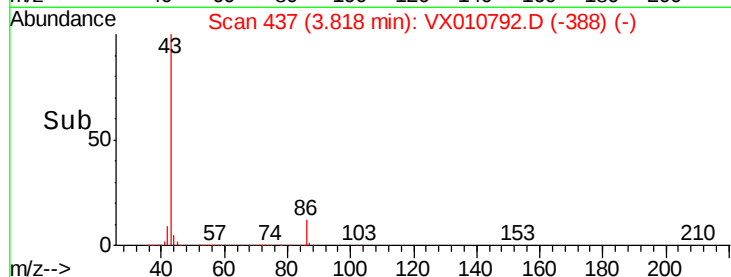
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.238 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

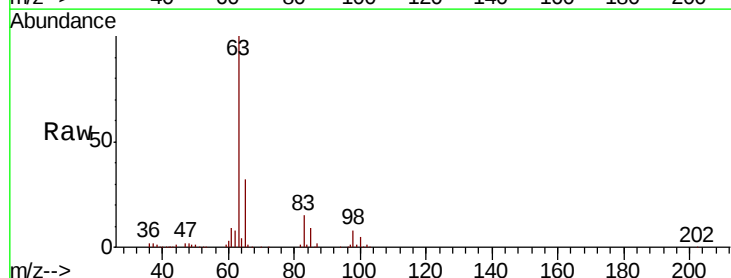
Tgt Ion: 63 Resp: 162379

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

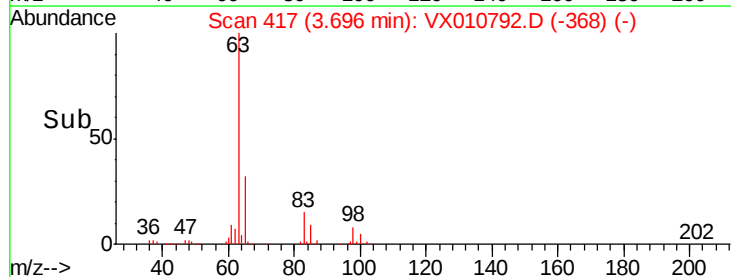
60000

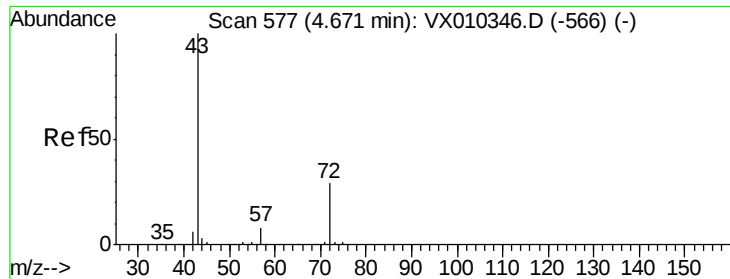
40000

20000

0

Time-->





#25

2-Butanone

Concen: 263.994 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

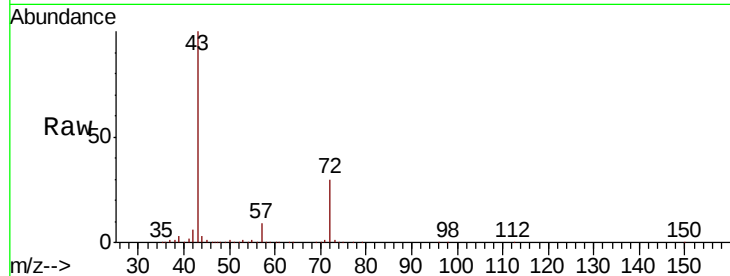
VSTDCCC050EC

Tot Ion: 43 Resp: 366309

Ion Ratio Lower Upper

43 100

72 29.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-566) (-)

Ion 72.00 (71.70 to 72.70): VX010346.D (-566) (-)

150000

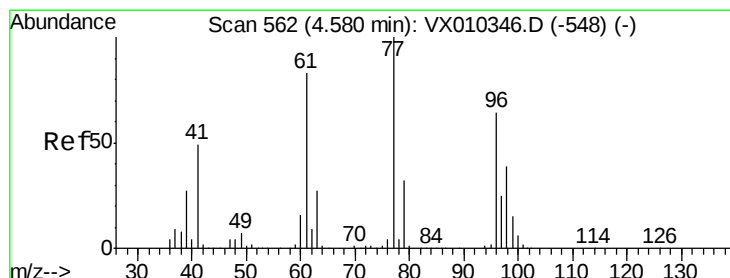
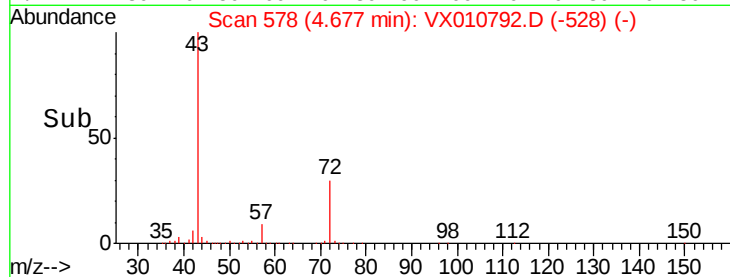
100000

50000

0

4.60 4.68 4.76

Time-->



#26

2,2-Dichloropropane

Concen: 43.124 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010792.D

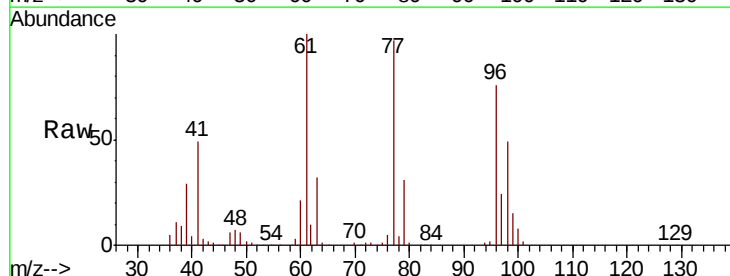
Acq: 10 Jul 2019 21:03

Tgt Ion: 77 Resp: 112155

Ion Ratio Lower Upper

77 100

97 26.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX010346.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX010346.D (-548) (-)

40000

30000

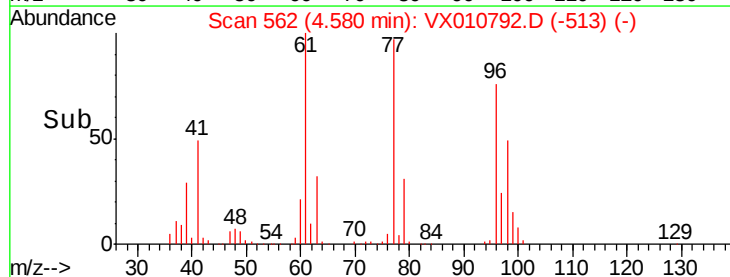
20000

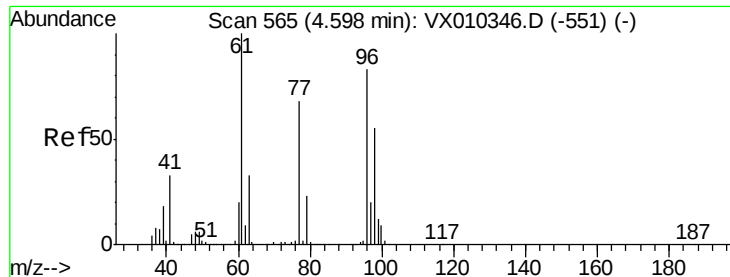
10000

0

4.40 4.50 4.60 4.70

Time-->



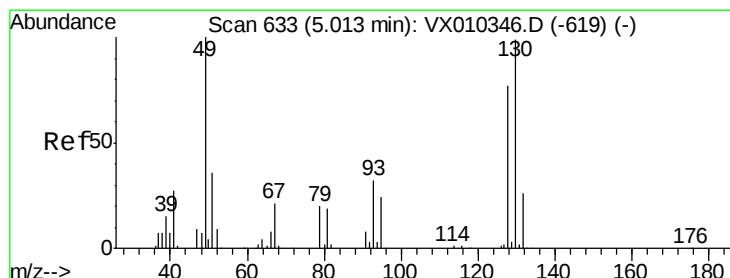
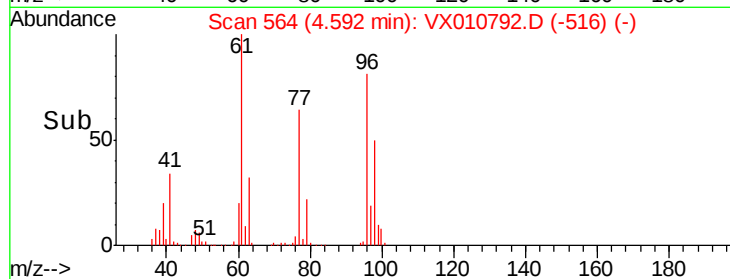
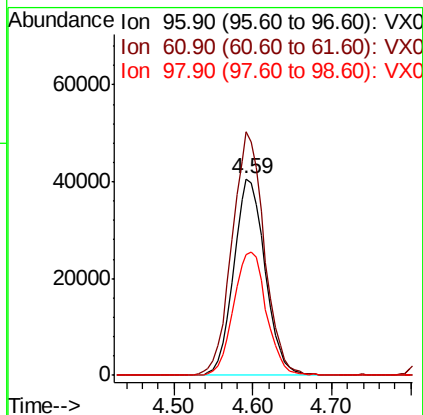
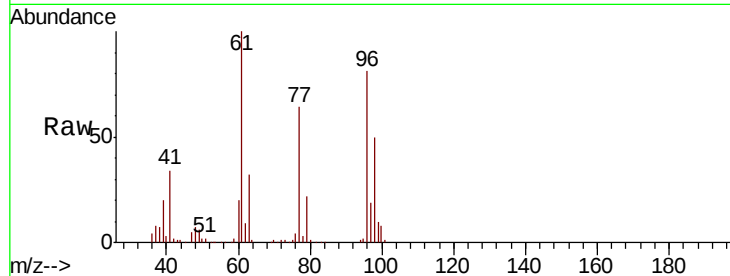


#27

cis-1,2-Dichloroethene
 Concen: 51.961 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

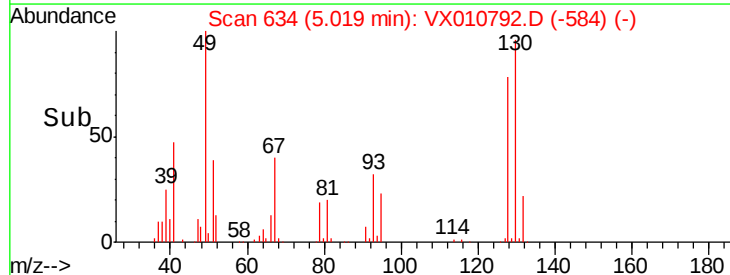
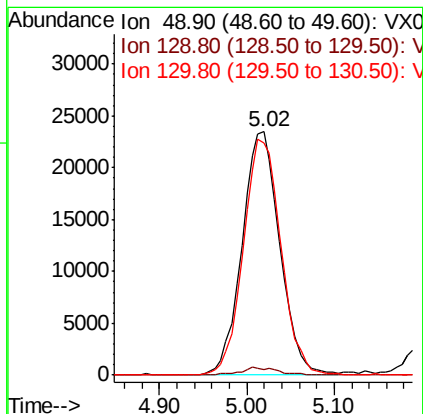
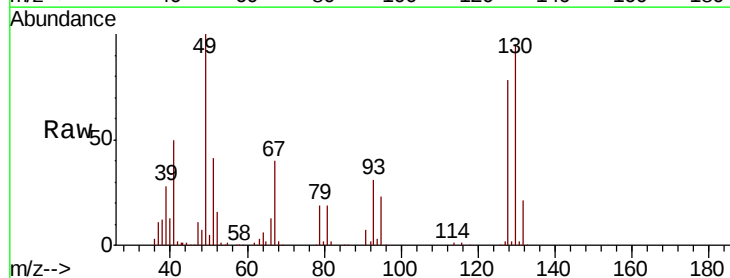
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	251.8
98	65.5	0.0	129.4

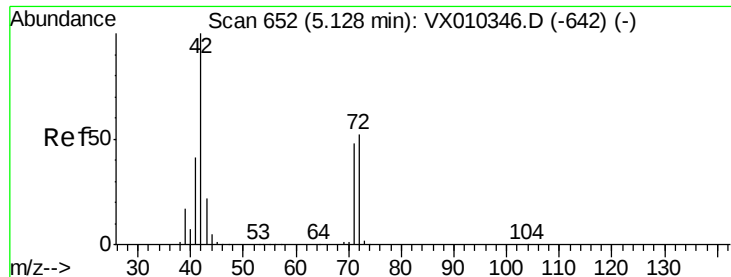


#28

Bromochloromethane
 Concen: 49.350 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	96.3	81.4	122.0

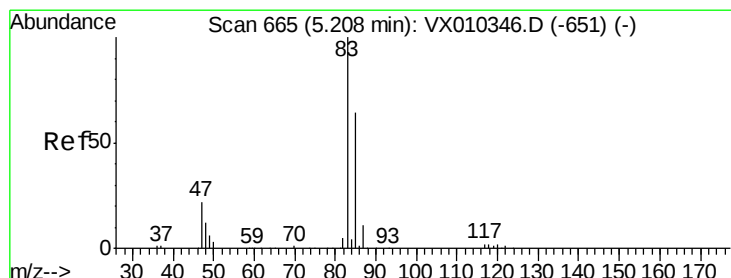
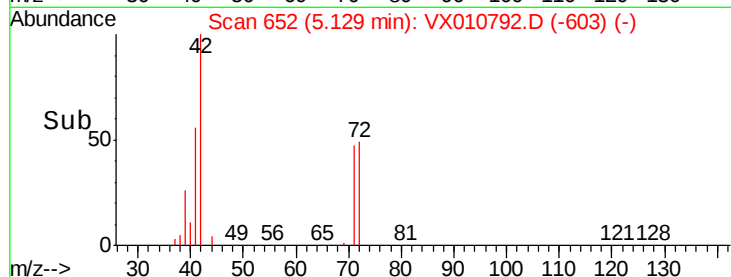
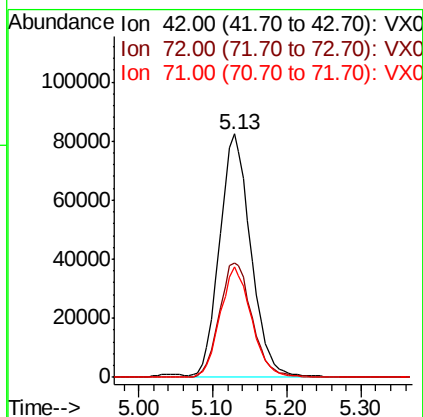
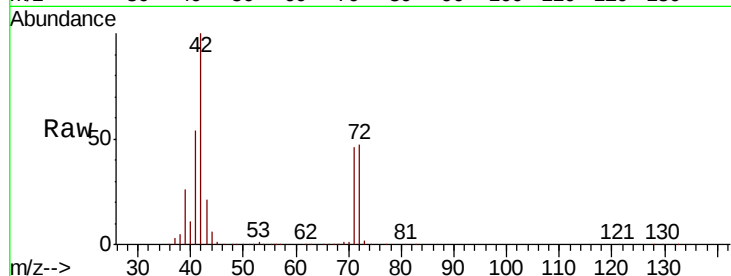




#29
Tetrahydrofuran
Concen: 279.238 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

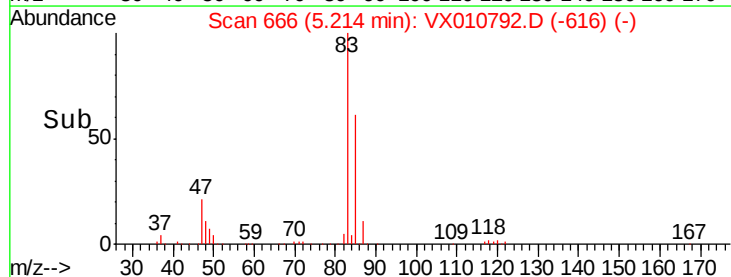
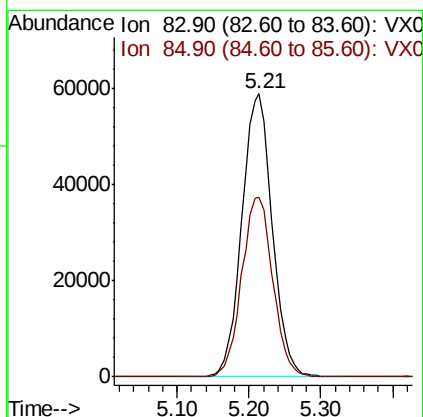
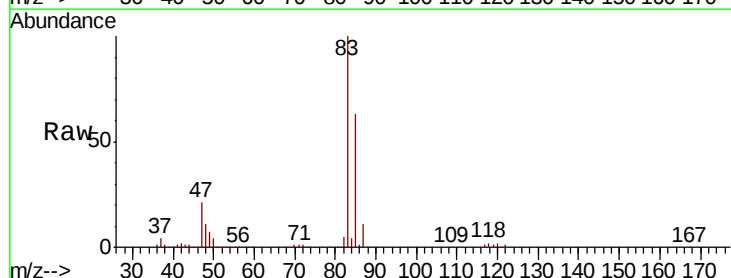
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

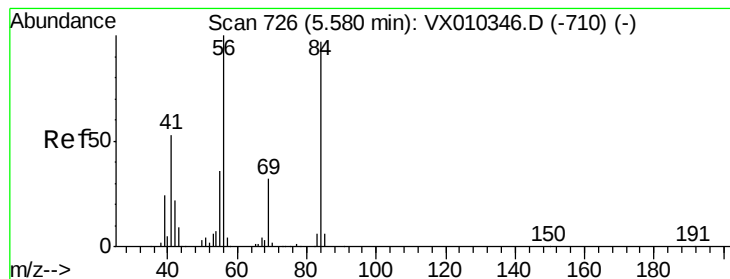
Tot Ion: 42 Resp: 239996
Ion Ratio Lower Upper
42 100
72 49.7 40.6 60.8
71 45.4 37.8 56.8



#30
Chloroform
Concen: 53.743 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 83 Resp: 173116
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3





#31

Cyclohexane

Concen: 52.560 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

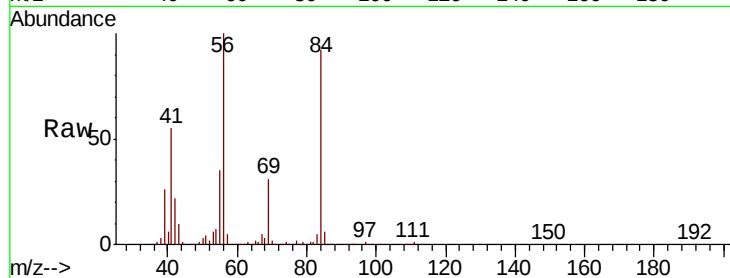
Tot Ion: 56 Resp: 143296

Ion Ratio Lower Upper

56 100

69 30.8 25.9 38.9

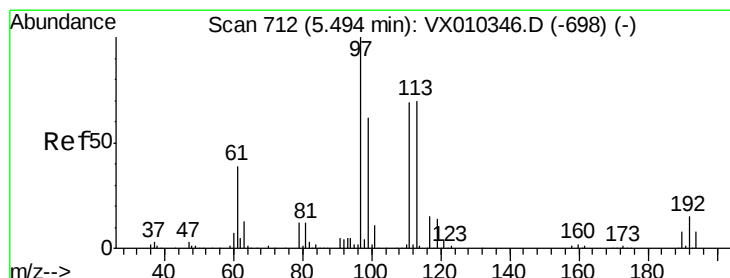
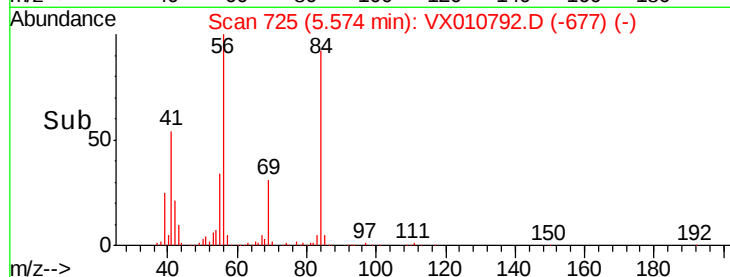
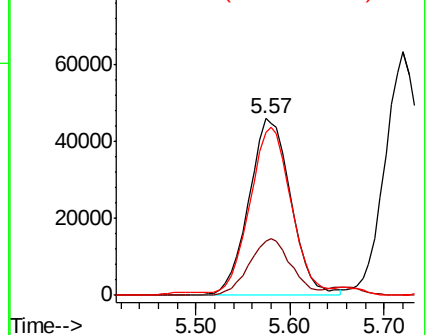
84 90.1 78.0 117.0



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: 53.414 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

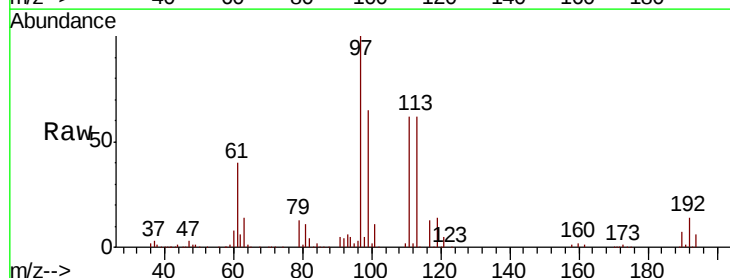
Tgt Ion: 97 Resp: 151927

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

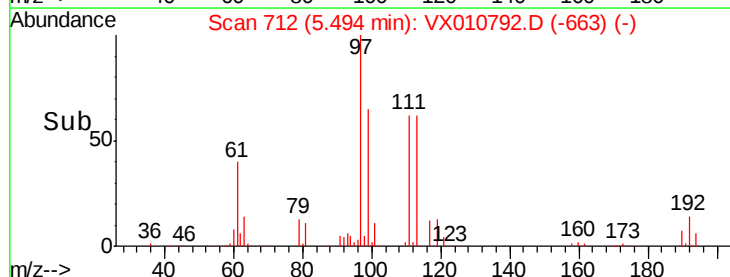
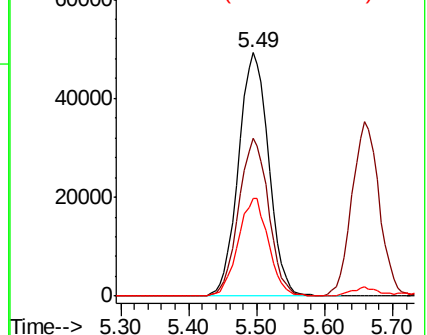
61 40.4 32.1 48.1

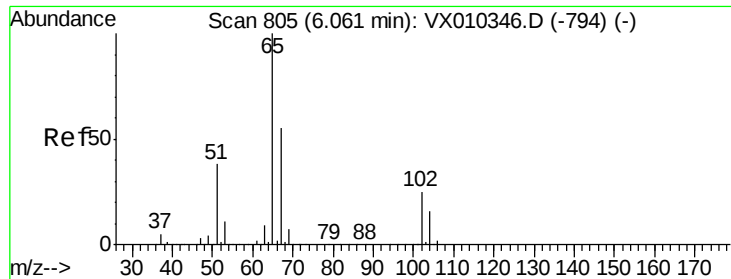


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.448 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

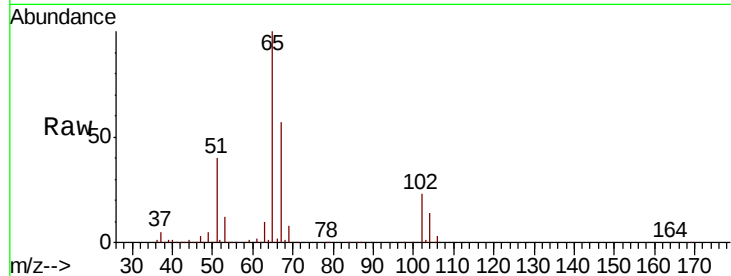
VSTDCCC050EC

Tot Ion: 65 Resp: 93331

Ion Ratio Lower Upper

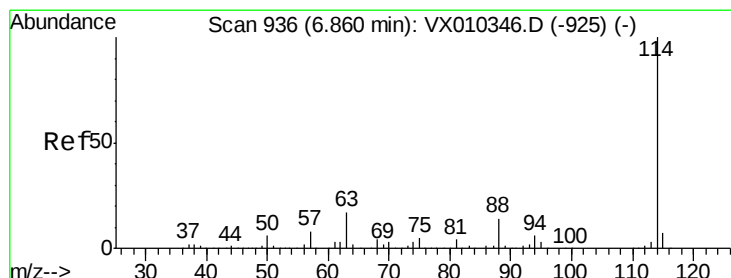
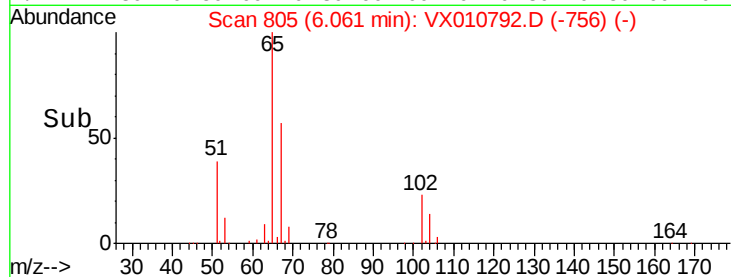
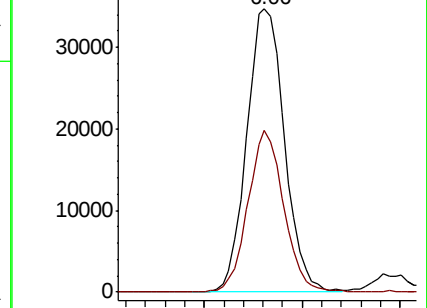
65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

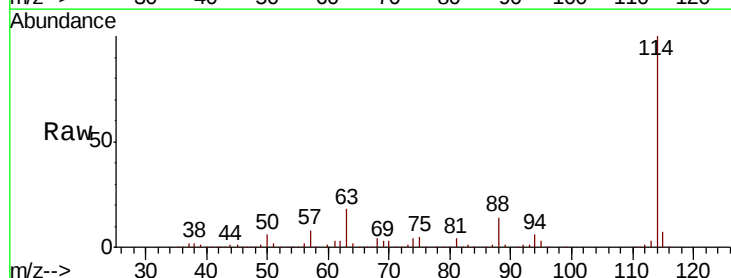
Tgt Ion: 114 Resp: 307178

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

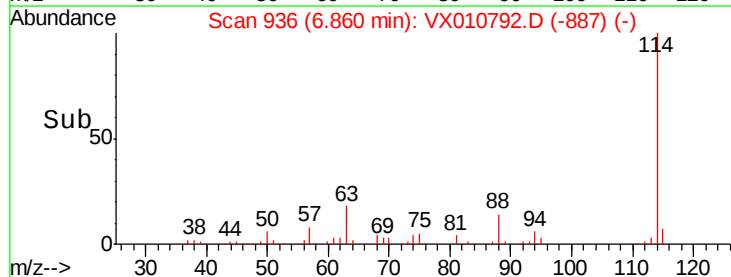
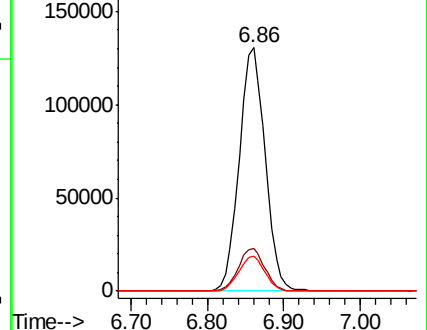
88 14.2 0.0 27.6

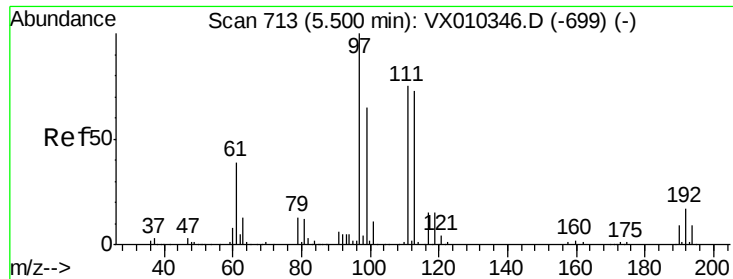


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

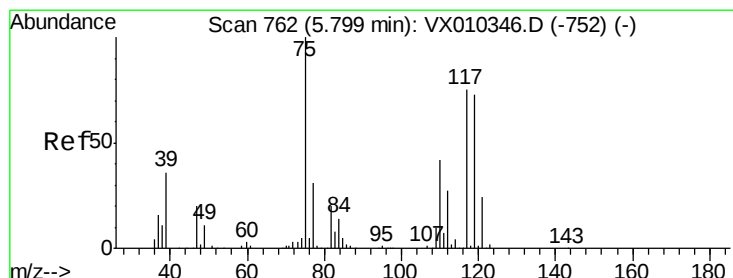
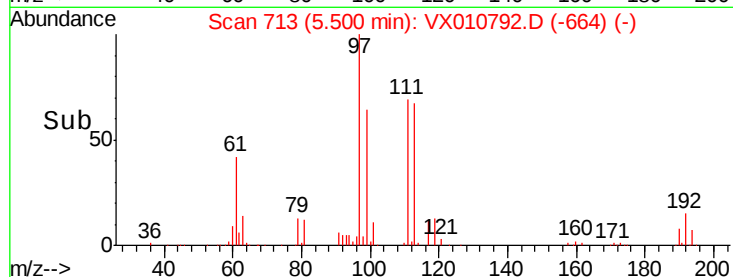
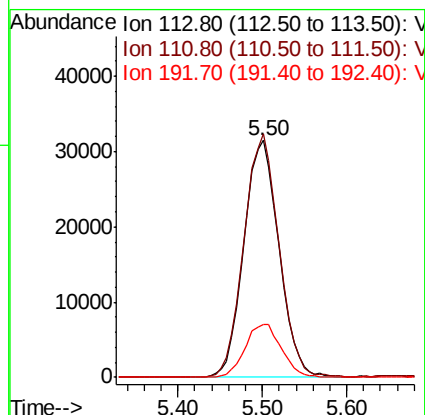
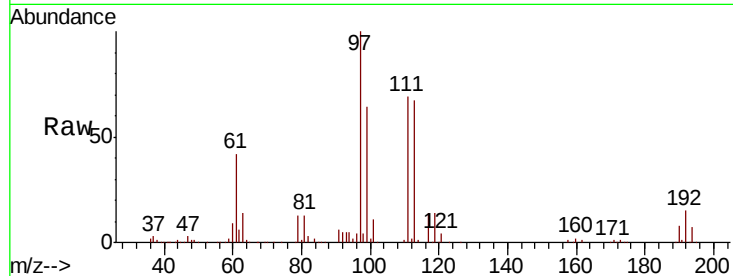




#35
 Dibromofluoromethane
 Concen: 47.456 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

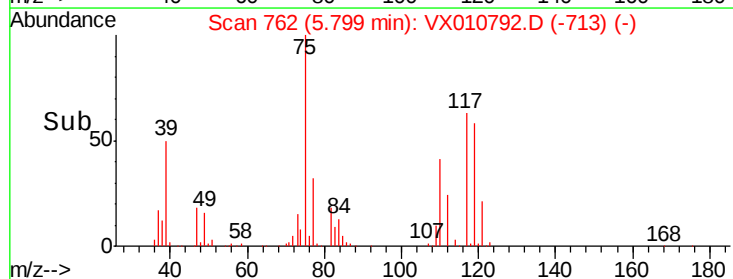
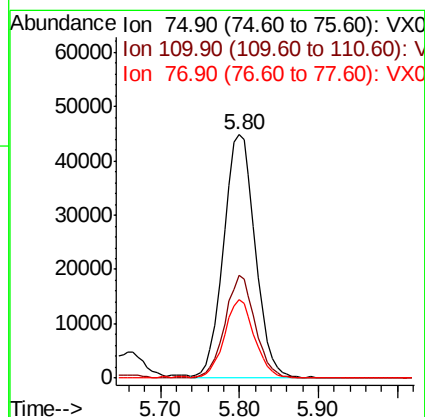
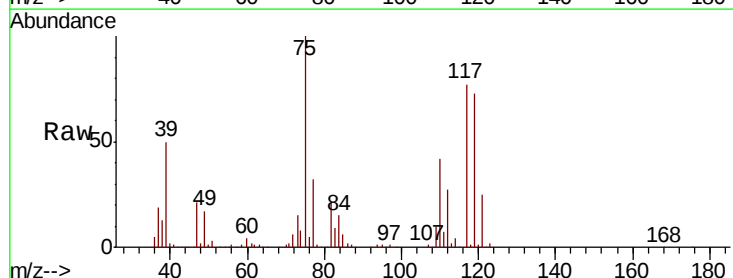
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

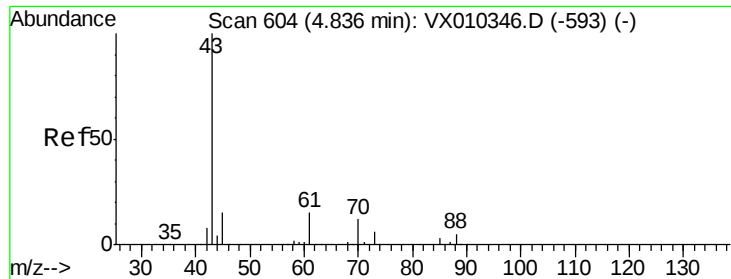
Tot Ion:113 Resp: 89191
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 23.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 51.033 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 75 Resp: 124571
 Ion Ratio Lower Upper
 75 100
 110 40.5 20.8 62.2
 77 30.6 25.4 38.0

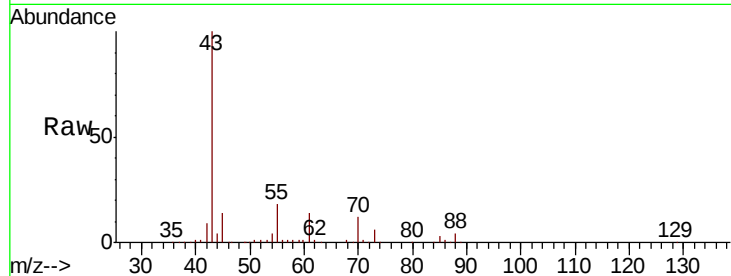




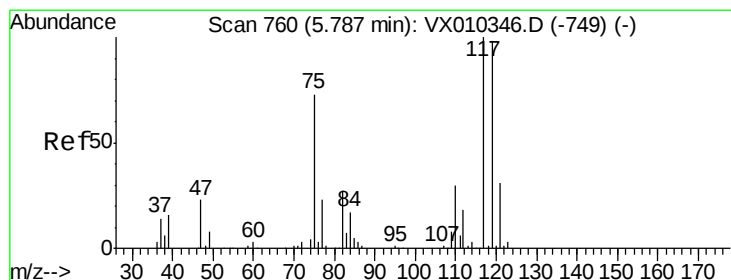
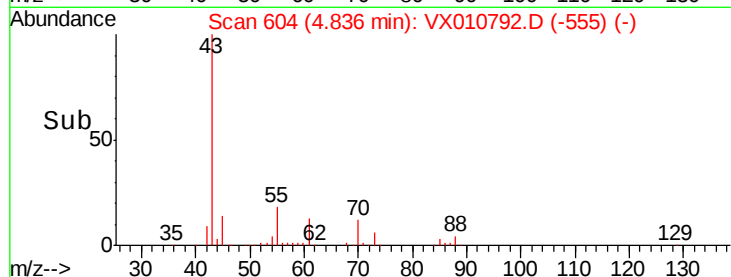
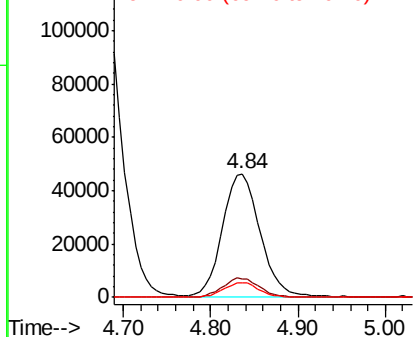
#37
Ethyl Acetate
Concen: 54.297 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 136352
Ion Ratio Lower Upper
43 100
61 15.2 12.4 18.6
70 11.9 9.8 14.8

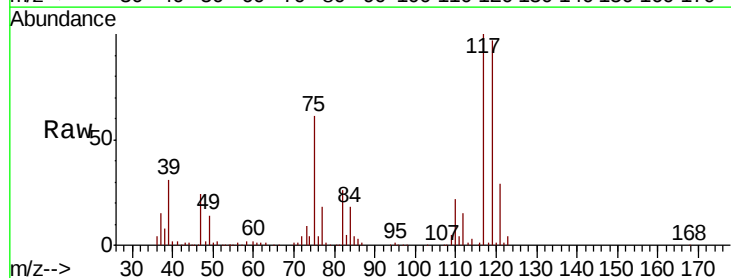


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

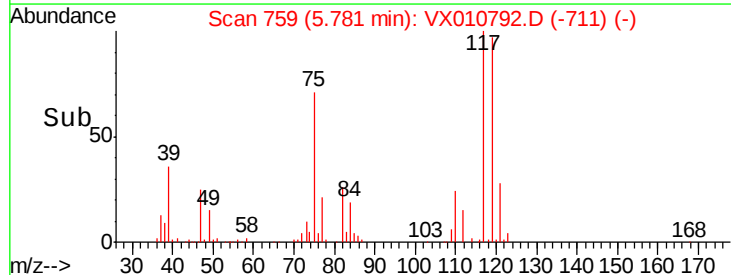
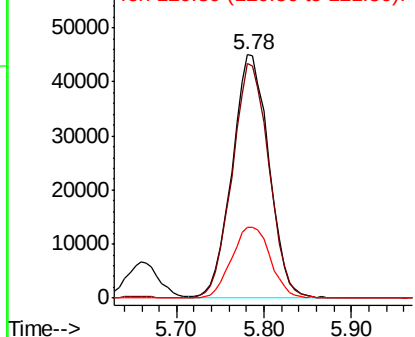


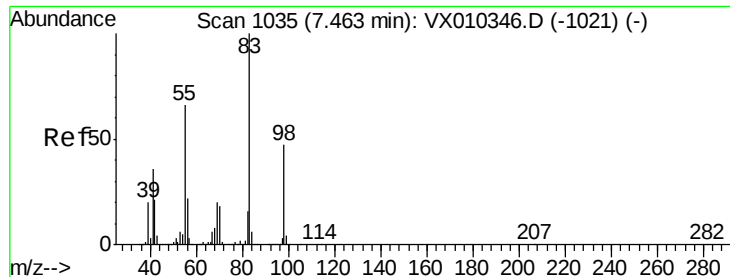
#38
Carbon Tetrachloride
Concen: 49.901 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 117 Resp: 131903
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
121 28.9 24.7 37.1



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

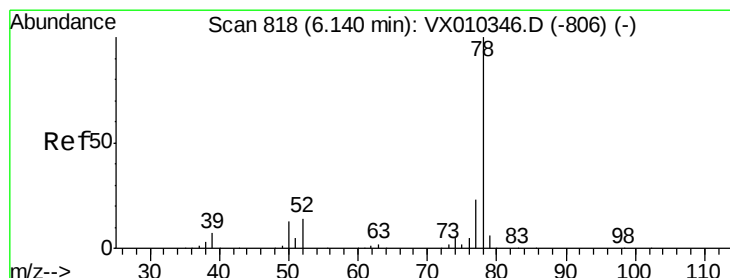
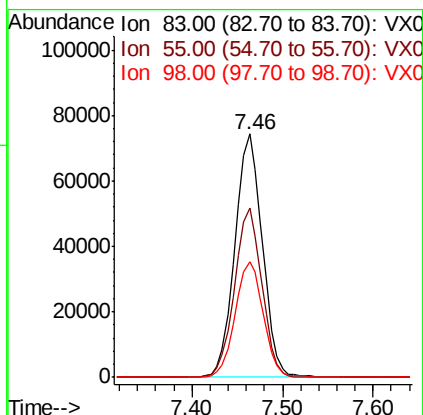
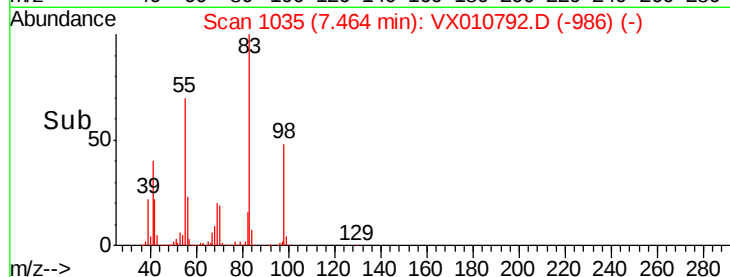
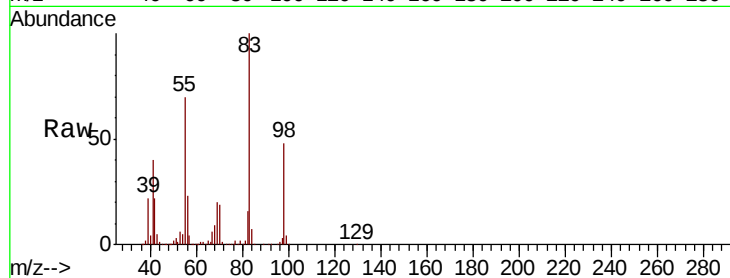




#39
Methvlcvclohexane
Concen: 48.862 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

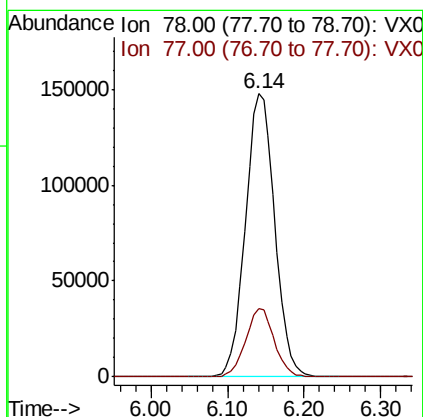
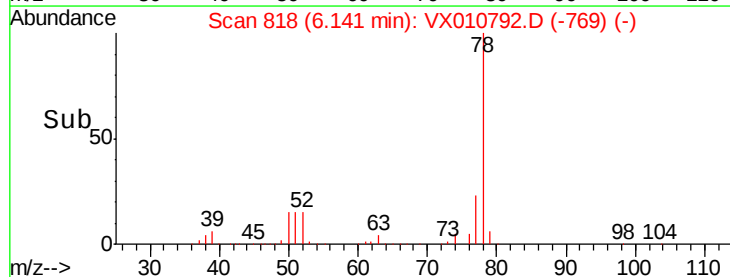
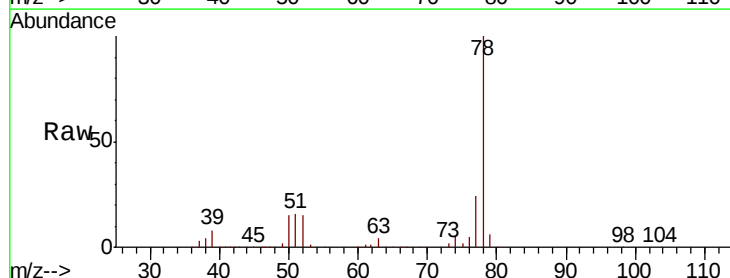
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

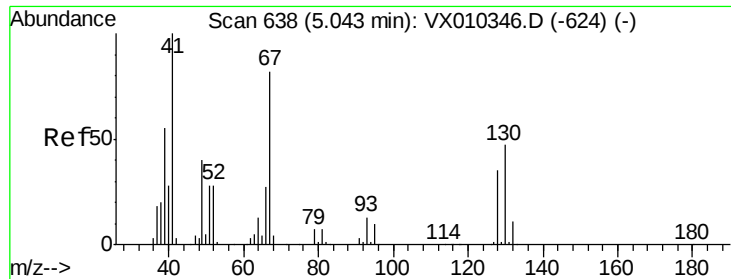
Tot Ion: 83 Resp: 156779
Ion Ratio Lower Upper
83 100
55 69.6 53.0 79.6
98 47.6 37.8 56.8



#40
Benzene
Concen: 51.720 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 78 Resp: 393321
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

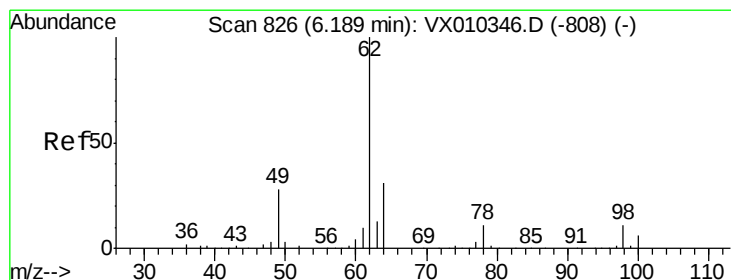
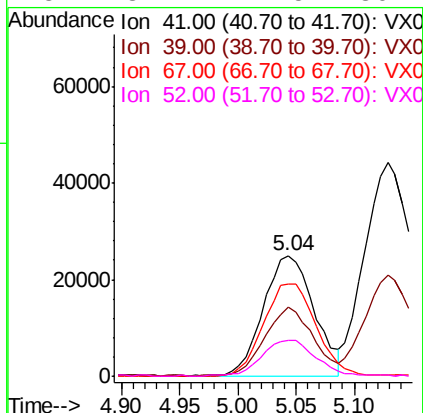
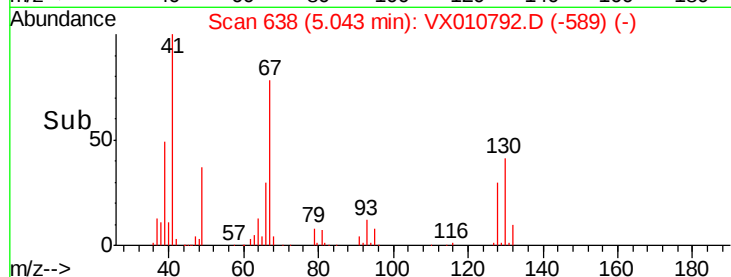
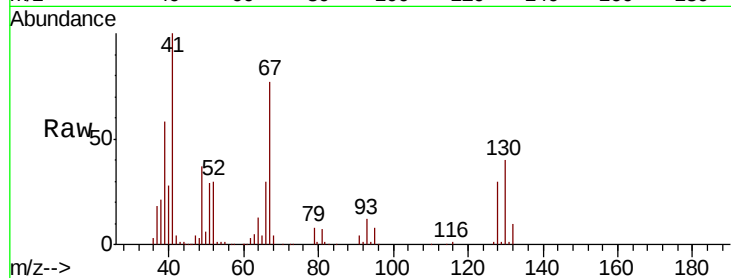




#41
Methacrylonitrile
Concen: 54.405 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

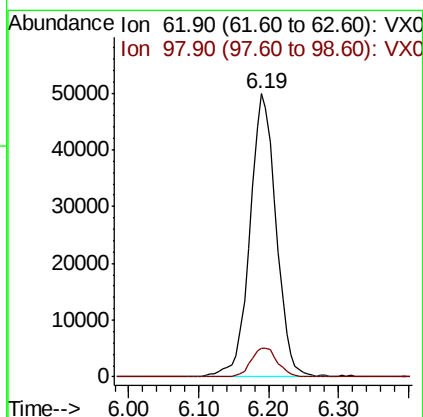
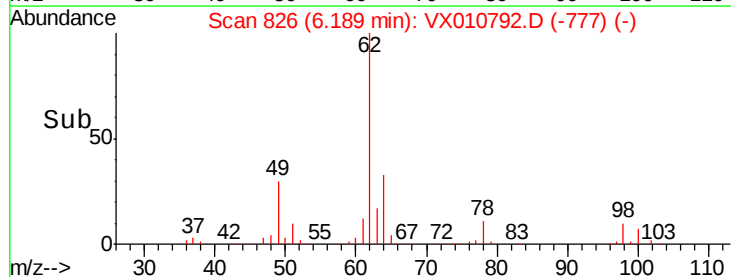
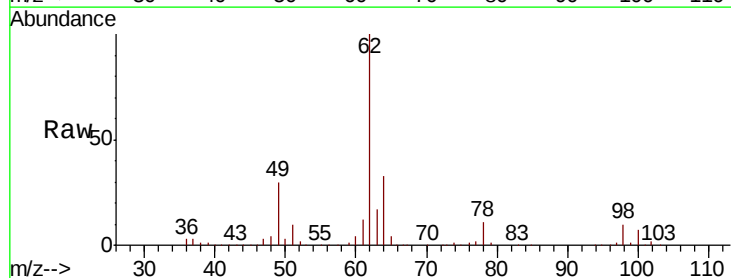
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

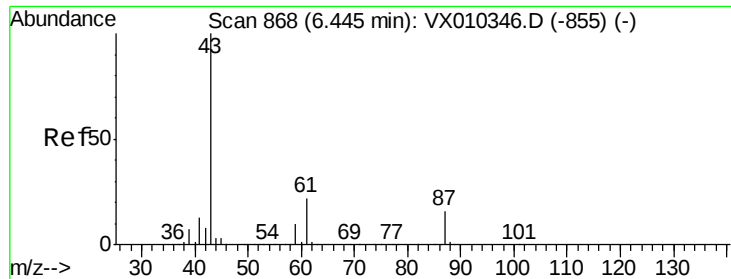
Tot Ion:	41	Resp:	74962
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.8	65.8
67	80.5	66.6	100.0
52	32.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 55.761 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion:	62	Resp:	129082
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.2





#43

Isopropyl Acetate

Concen: 53.372 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

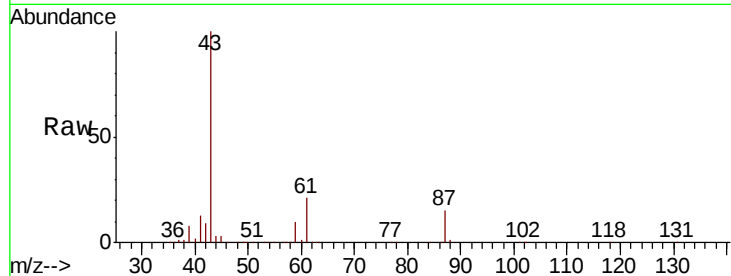
Tot Ion: 43 Resp: 221746

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

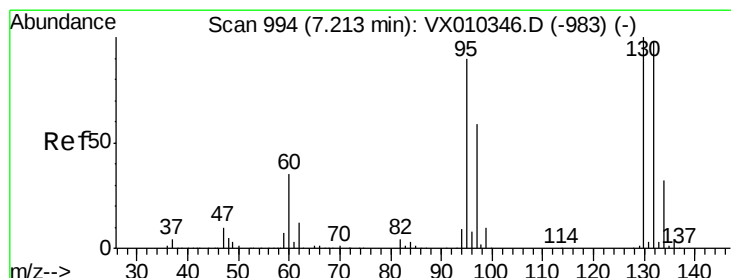
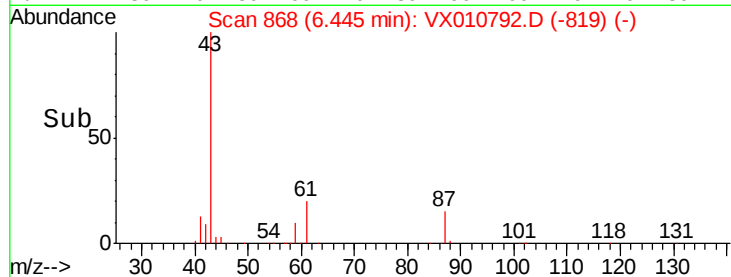
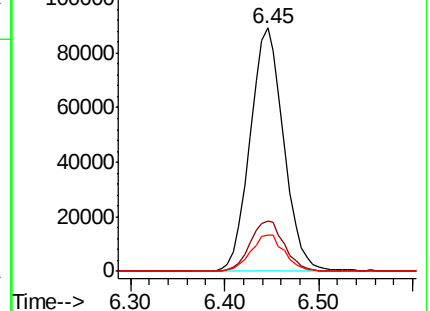
87 15.3 13.0 19.4



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: 49.661 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010792.D

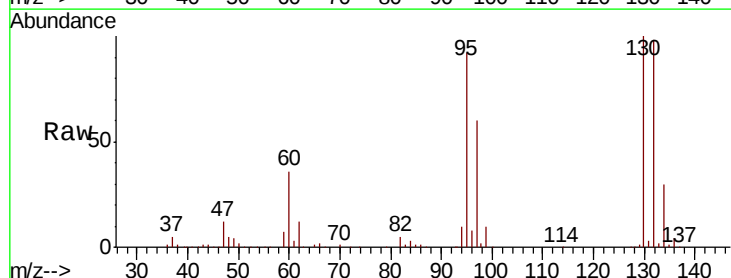
Acq: 10 Jul 2019 21:03

Tgt Ion:130 Resp: 113008

Ion Ratio Lower Upper

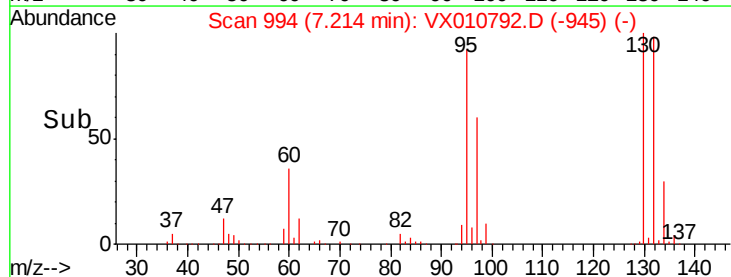
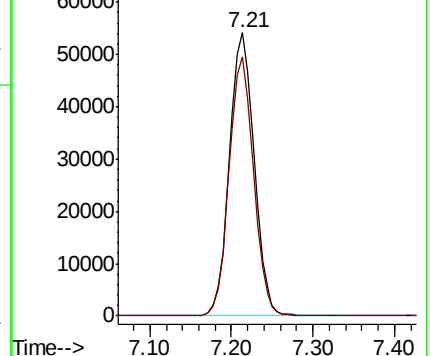
130 100

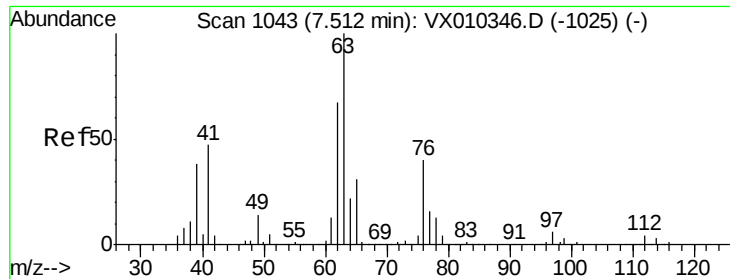
95 91.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

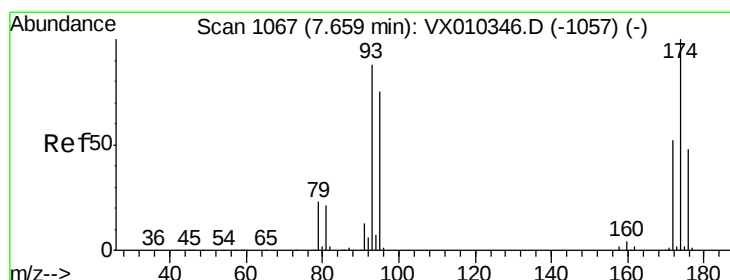
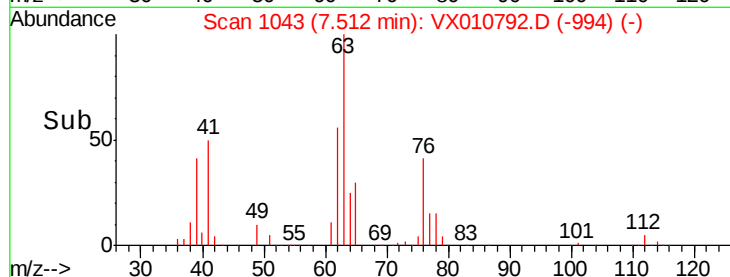
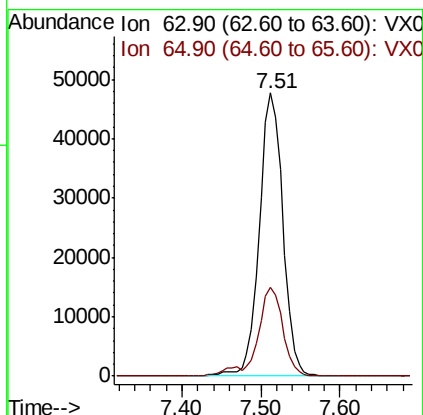
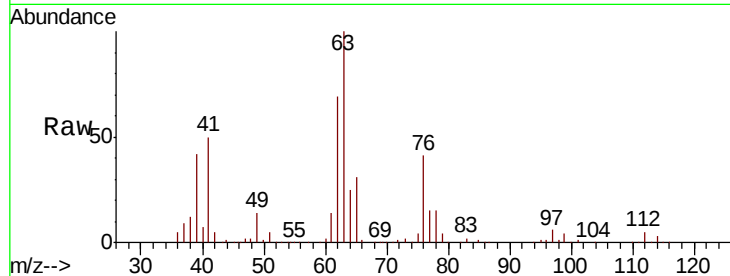




#45
 1,2-Dichloropropane
 Concen: 51.658 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

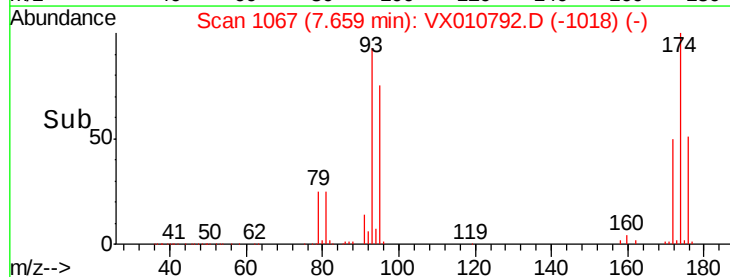
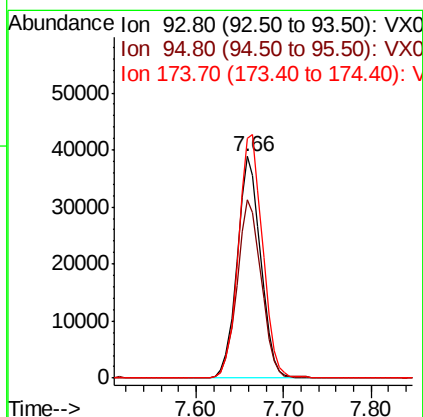
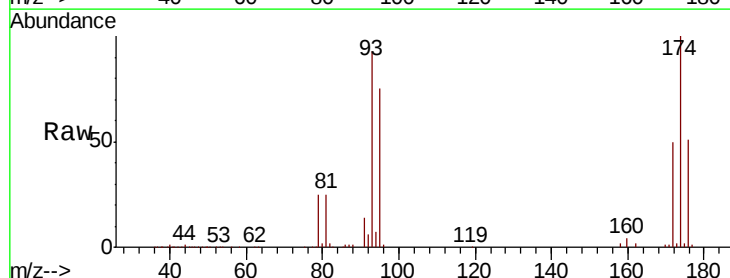
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

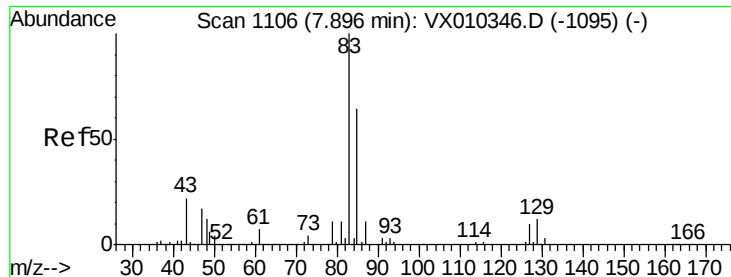
Tot Ion: 63 Resp: 99206
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 52.996 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 93 Resp: 73022
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.5 101.3
 174 112.7 95.8 143.6





#47

Bromodichloromethane

Concen: 50.721 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

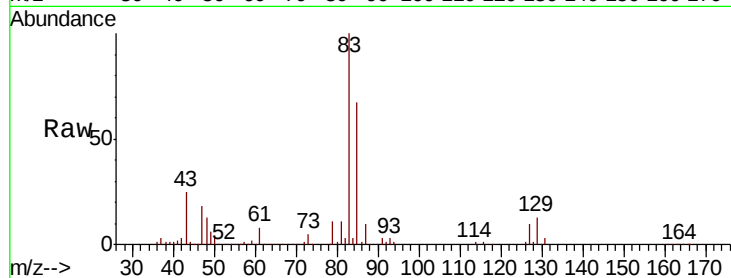
Tot Ion: 83 Resp: 128076

Ion Ratio Lower Upper

83 100

85 66.7 51.5 77.3

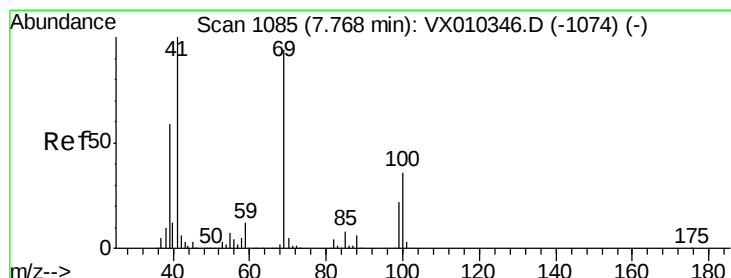
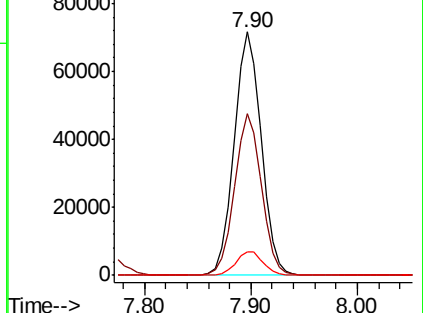
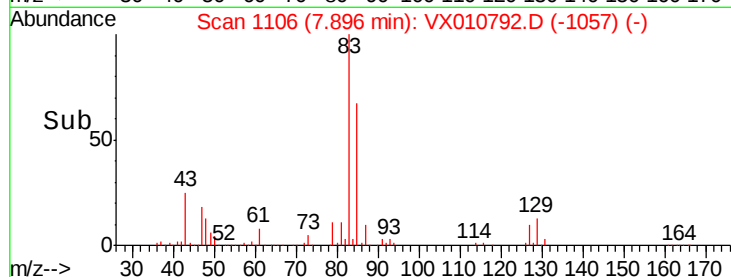
127 9.8 7.8 11.8



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: 55.937 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

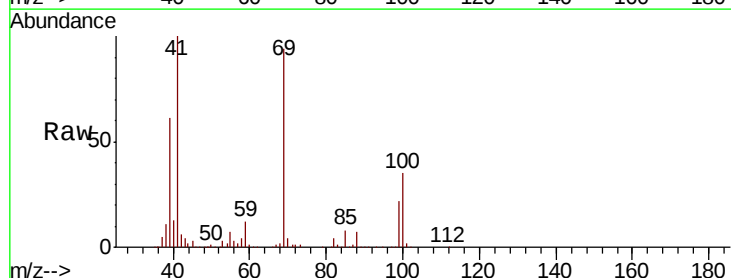
Tgt Ion: 41 Resp: 108025

Ion Ratio Lower Upper

41 100

69 91.9 76.1 114.1

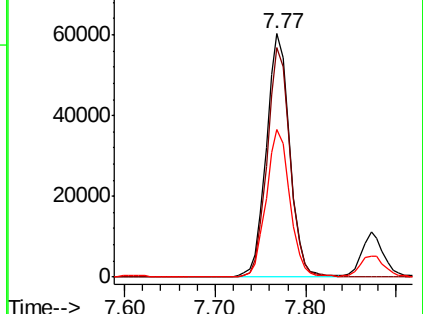
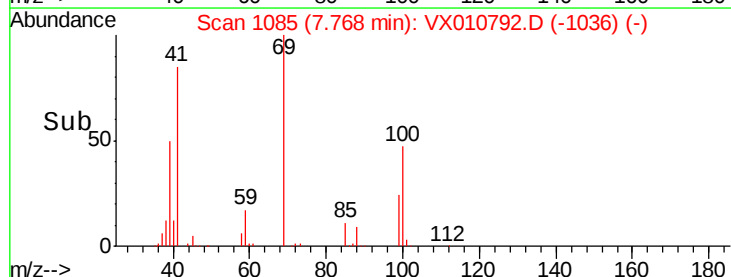
39 60.7 47.6 71.4

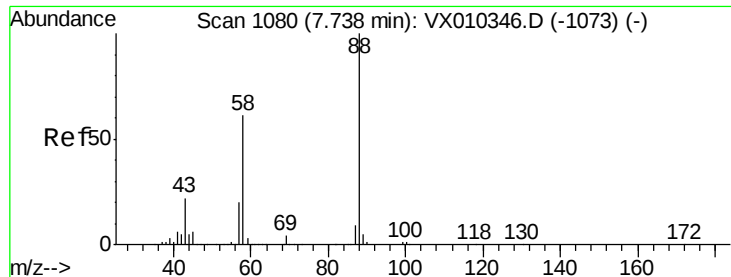


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

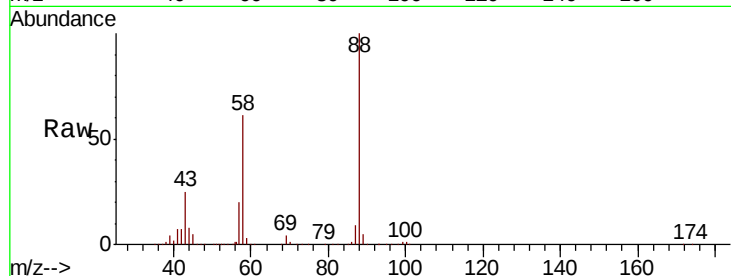




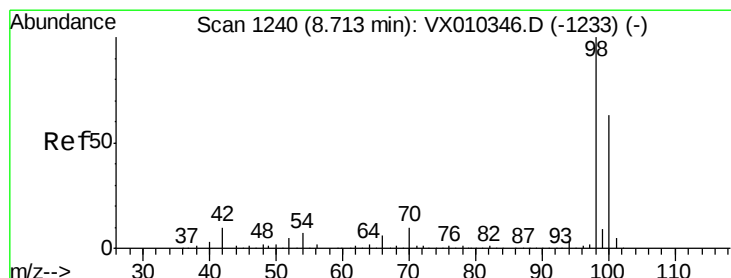
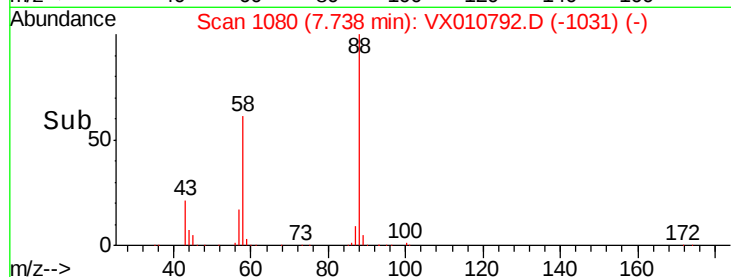
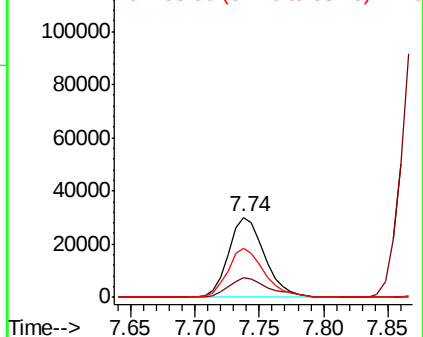
#49
1,4-Dioxane
Concen: 1054.528 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 58666
Ion Ratio Lower Upper
88 100
43 27.4 20.2 30.2
58 62.5 49.5 74.3

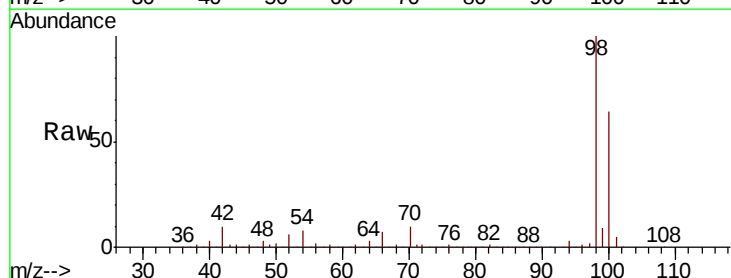


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

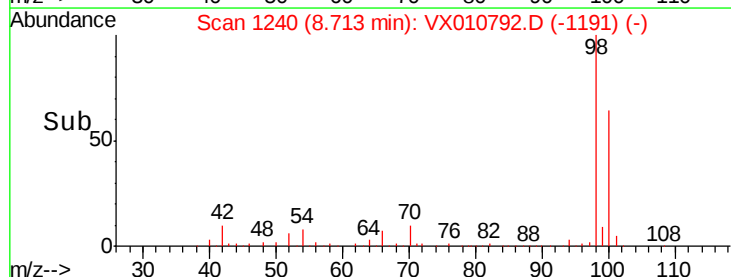
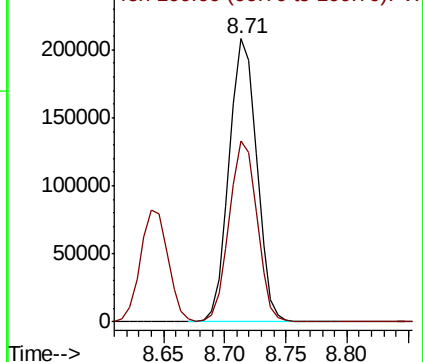


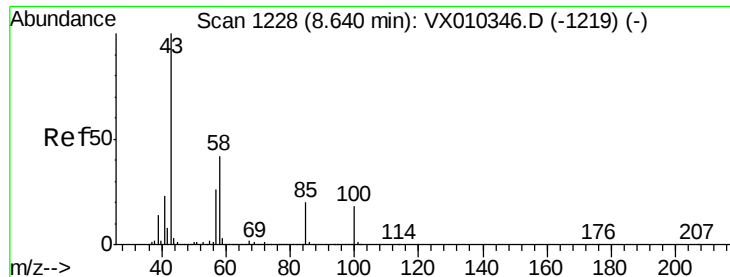
#50
Toluene-d8
Concen: 45.327 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 98 Resp: 325913
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

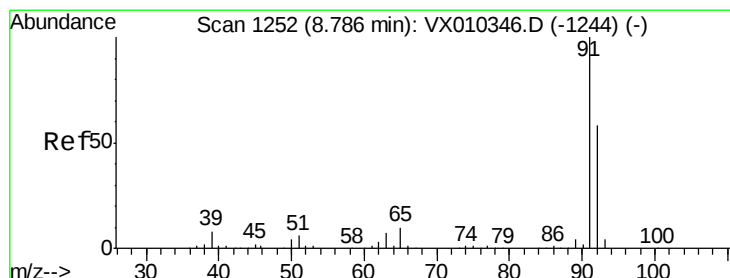
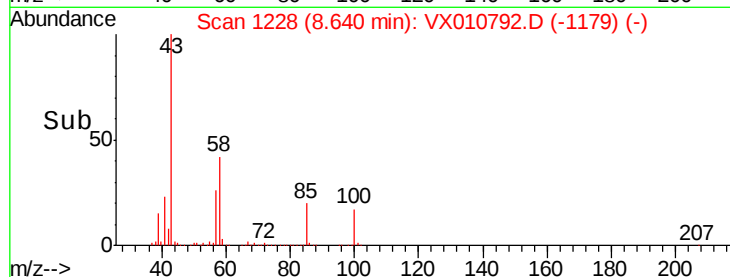
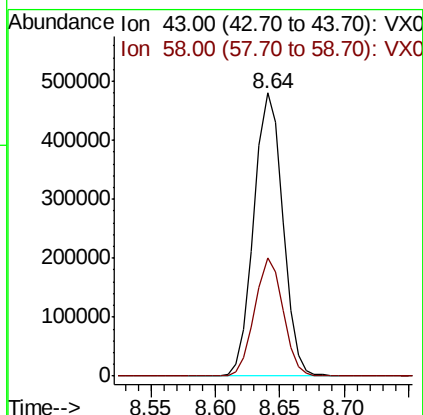
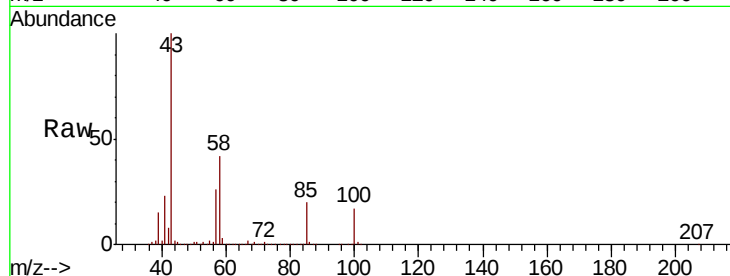




#51
4-Methyl-2-Pentanone
Concen: 281.308 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

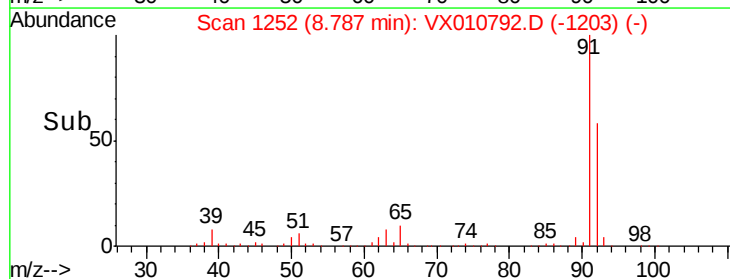
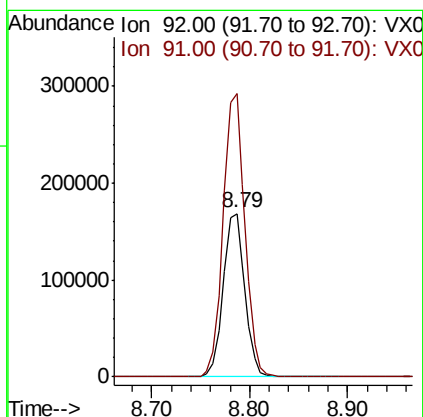
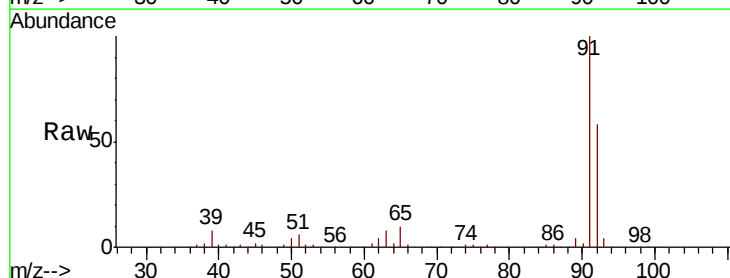
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

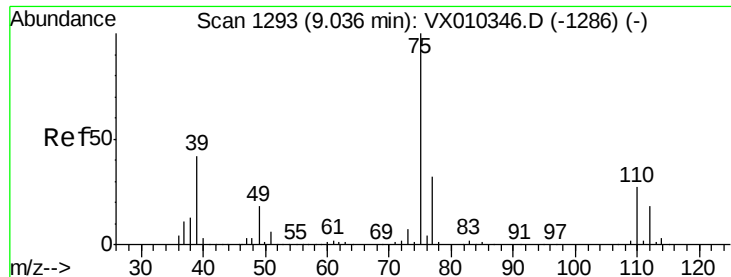
Tot Ion: 43 Resp: 747496
Ion Ratio Lower Upper
43 100
58 40.9 33.5 50.3



#52
Toluene
Concen: 51.382 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 92 Resp: 257326
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 49.335 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

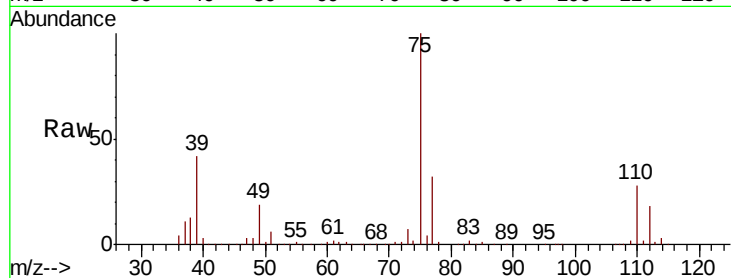
VSTDCCC050EC

Tot Ion: 75 Resp: 139669

Ion Ratio Lower Upper

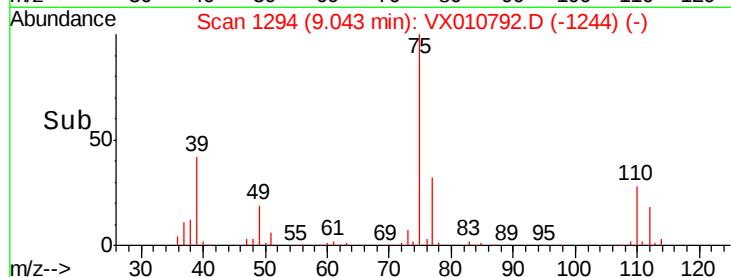
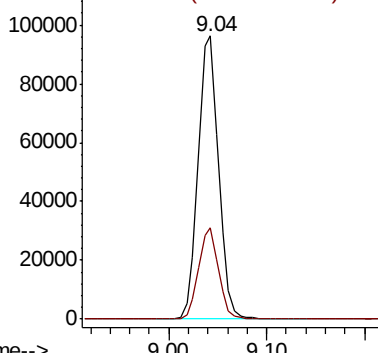
75 100

77 32.1 25.4 38.2

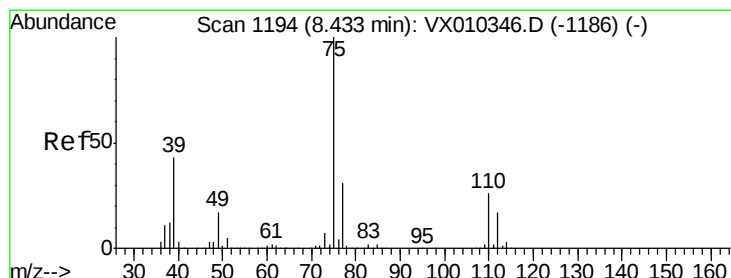


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.677 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

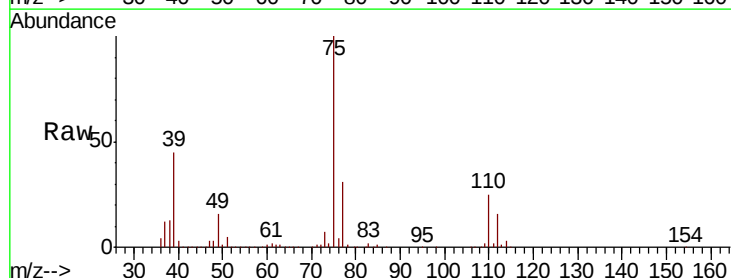
Tgt Ion: 75 Resp: 155907

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

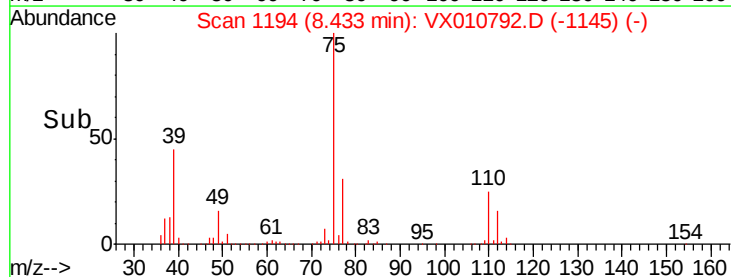
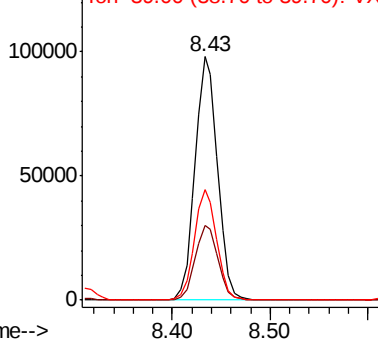
39 45.1 34.5 51.7



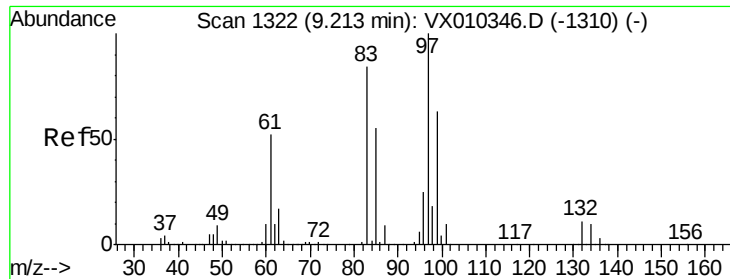
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 53.200 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 109881

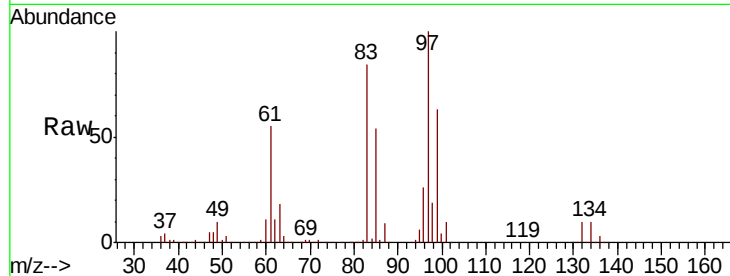
Ion Ratio Lower Upper

97 100

83 83.5 67.4 101.0

85 53.7 43.8 65.8

99 63.2 50.3 75.5

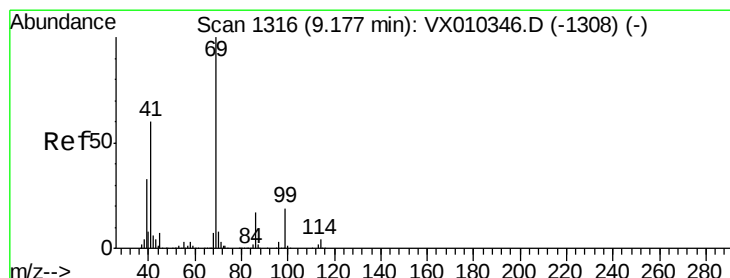
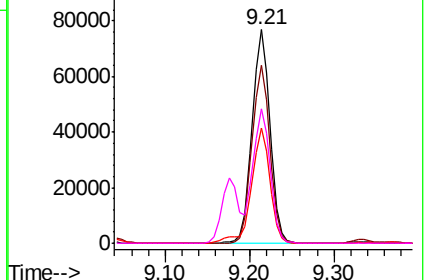
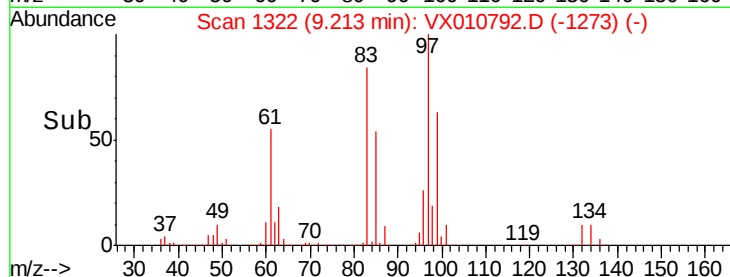


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.479 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

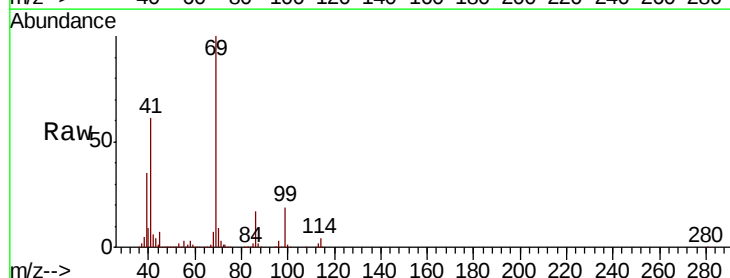
Tgt Ion: 69 Resp: 167330

Ion Ratio Lower Upper

69 100

41 61.2 47.1 70.7

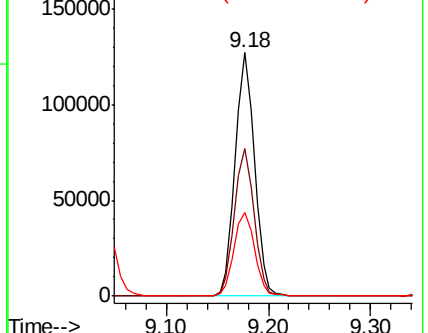
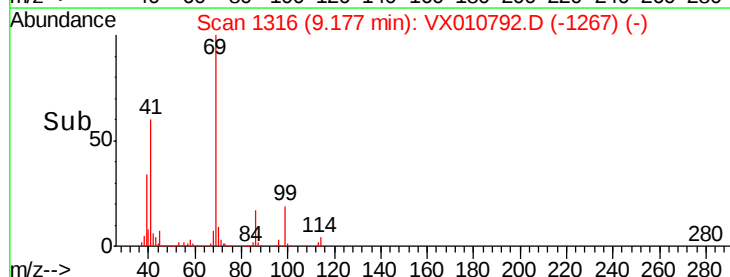
39 36.5 26.6 40.0

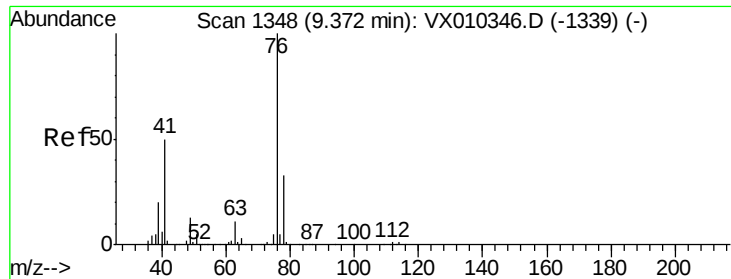


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.838 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

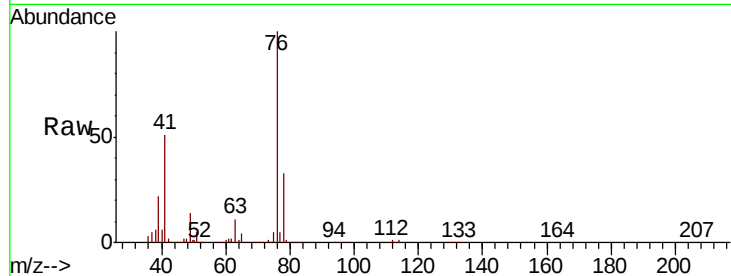
VSTDCCC050EC

Tot Ion: 76 Resp: 169410

Ion Ratio Lower Upper

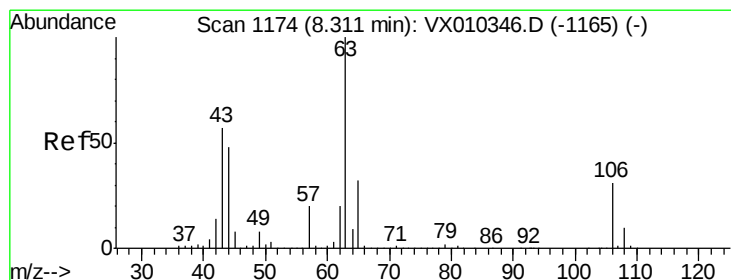
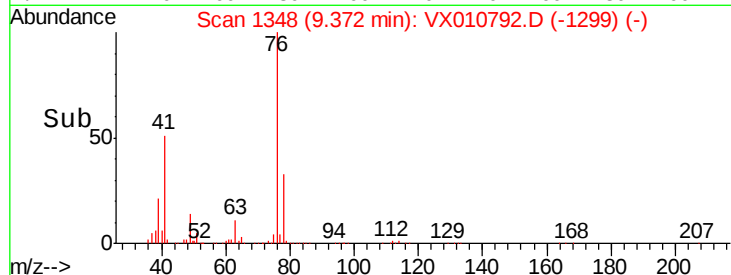
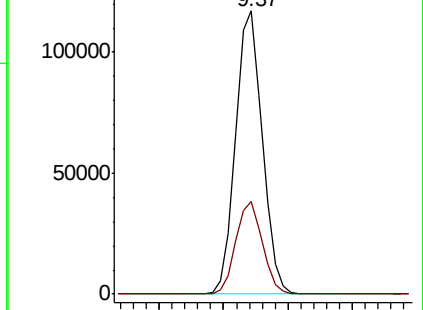
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.149 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010792.D

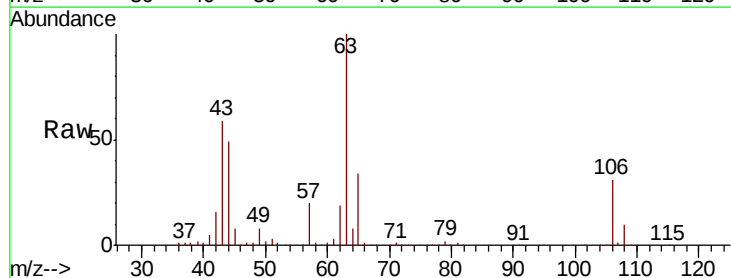
Acq: 10 Jul 2019 21:03

Tgt Ion: 63 Resp: 355372

Ion Ratio Lower Upper

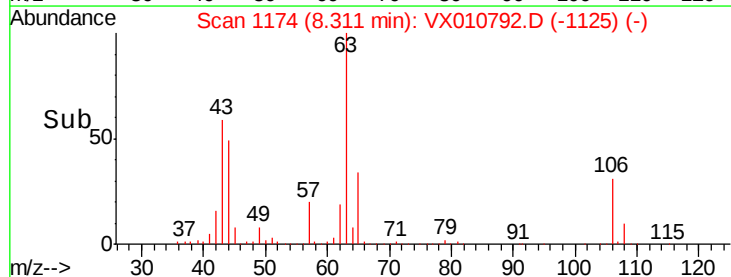
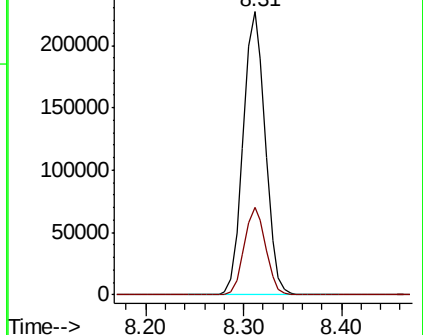
63 100

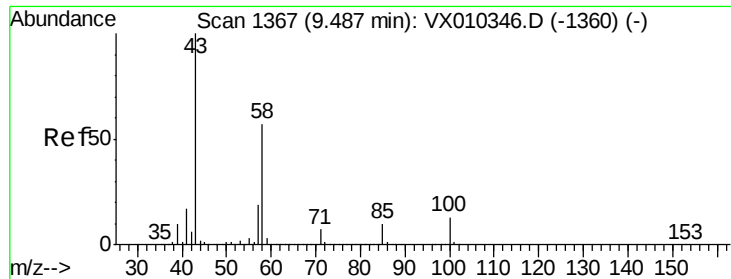
106 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

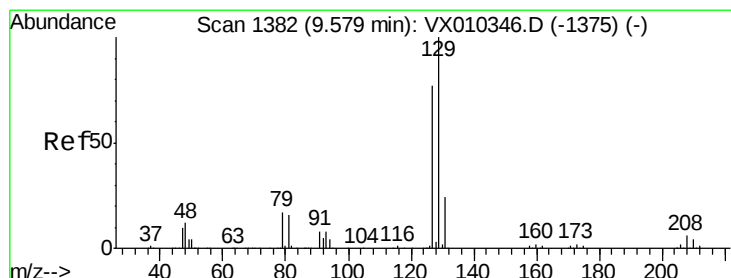
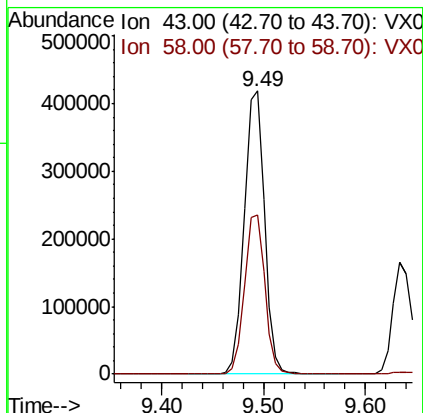
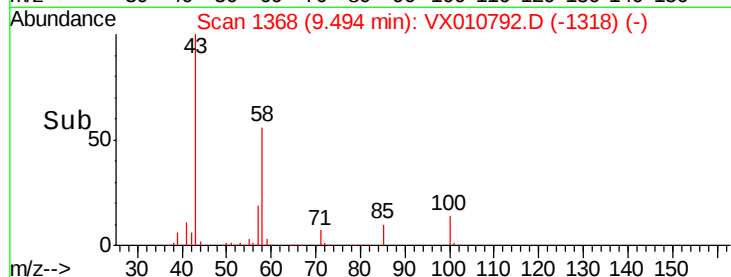
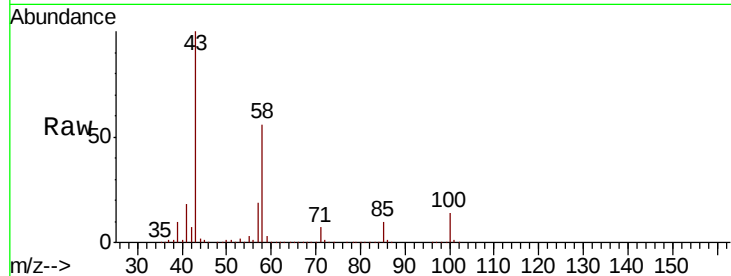




#59
2-Hexanone
Concen: 276.190 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

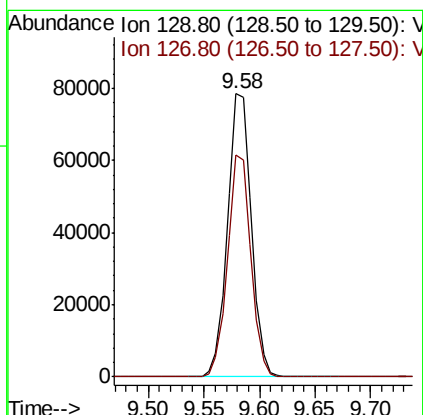
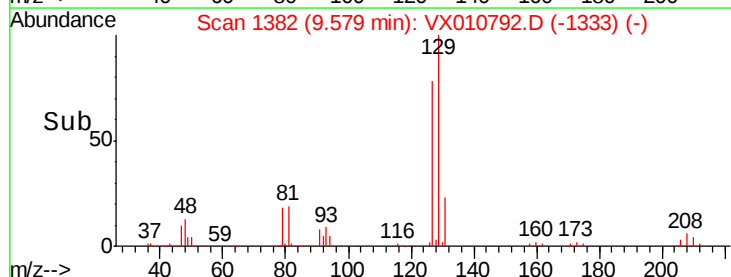
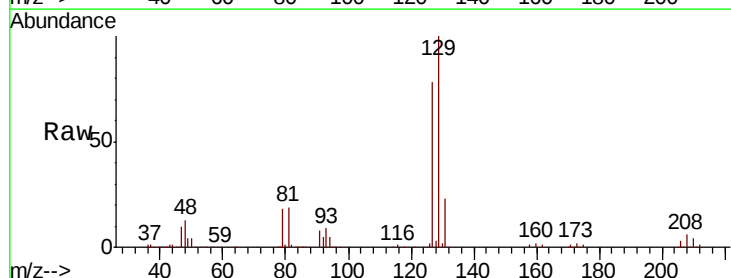
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

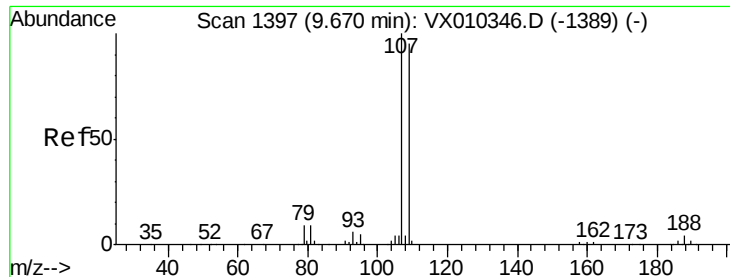
Tot Ion: 43 Resp: 577603
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 50.103 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 129 Resp: 115868
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1

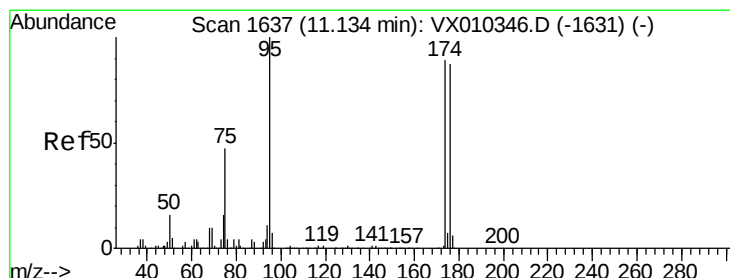
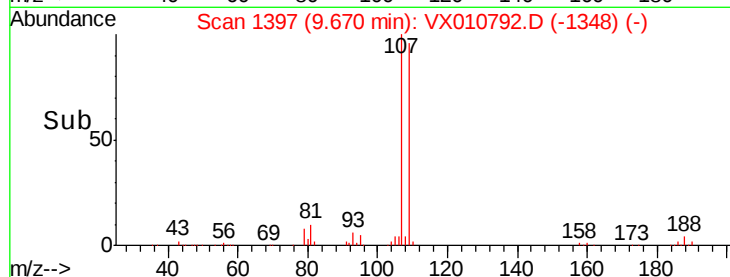
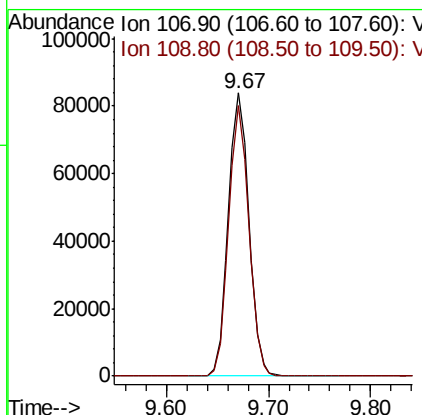
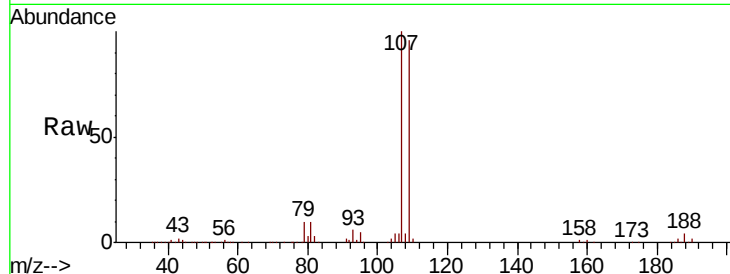




#61
 1,2-Dibromoethane
 Concen: 52.557 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

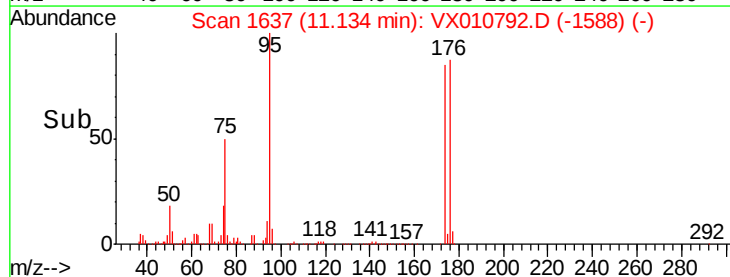
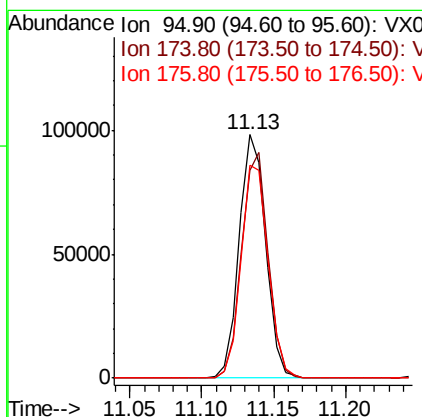
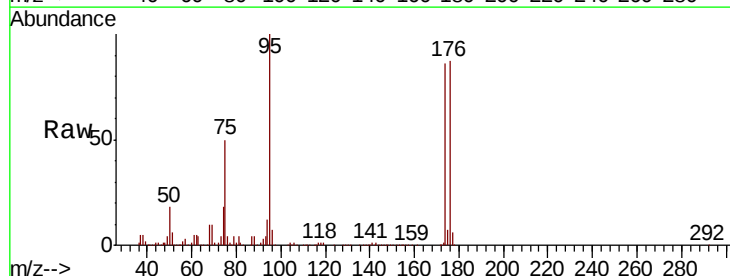
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

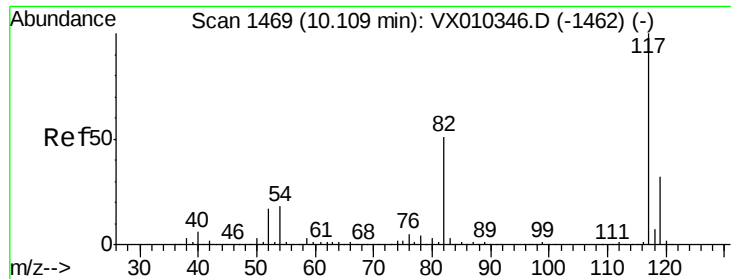
Tot Ion: 107 Resp: 117172
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.395 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 95 Resp: 125629
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 187.6
 176 89.2 0.0 184.0

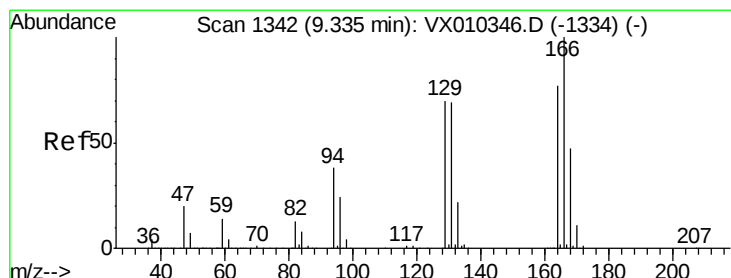
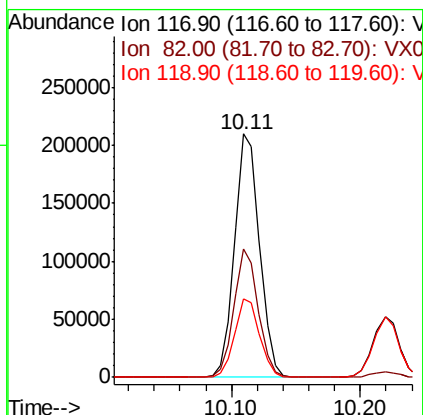
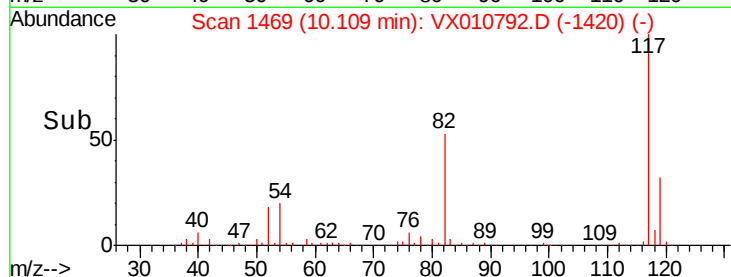
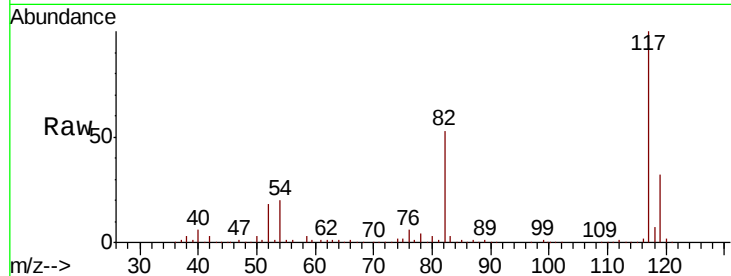




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

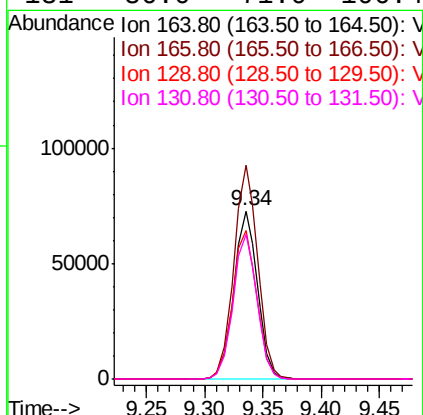
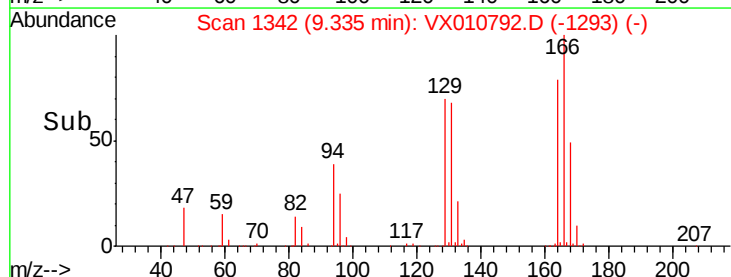
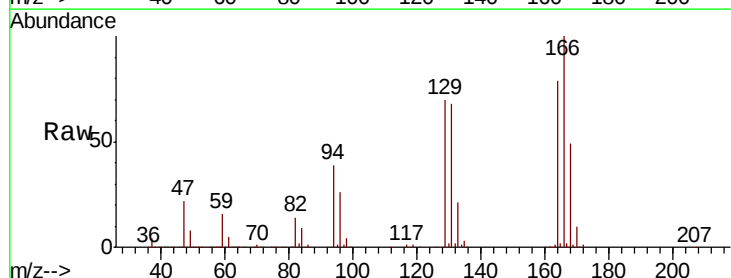
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

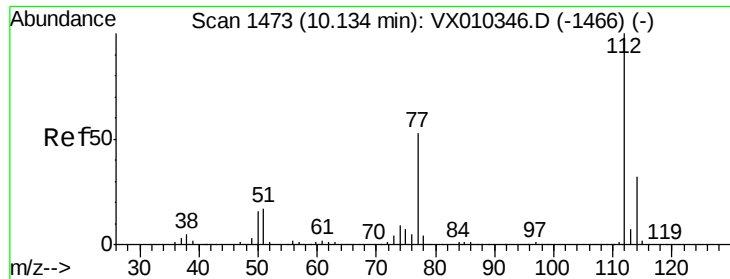
Tot Ion:117 Resp: 284227
Ion Ratio Lower Upper
117 100
82 52.8 41.2 61.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 44.723 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion:164 Resp: 102815
Ion Ratio Lower Upper
164 100
166 127.3 103.6 155.4
129 88.5 73.0 109.4
131 86.0 71.0 106.4

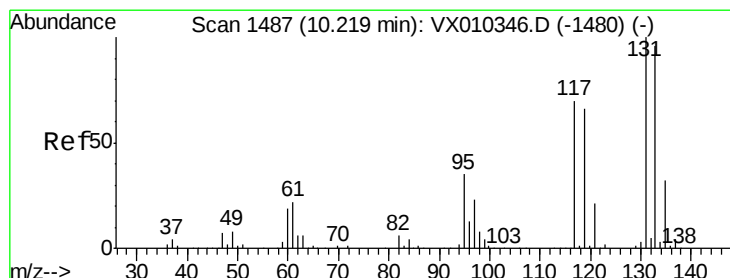
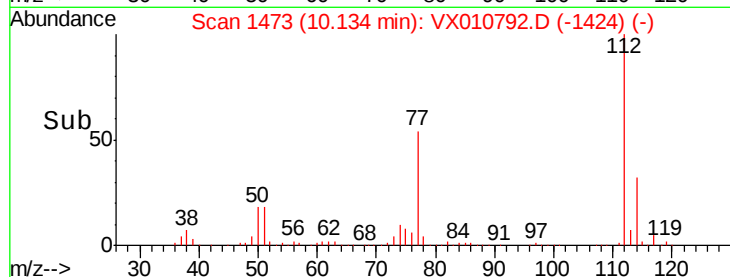
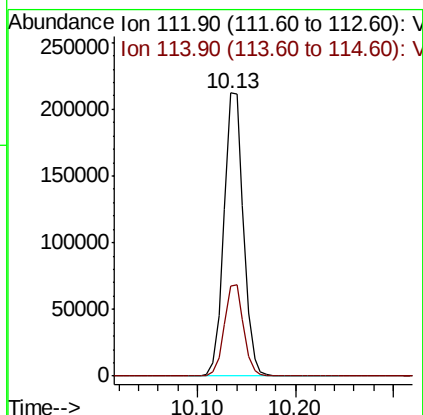
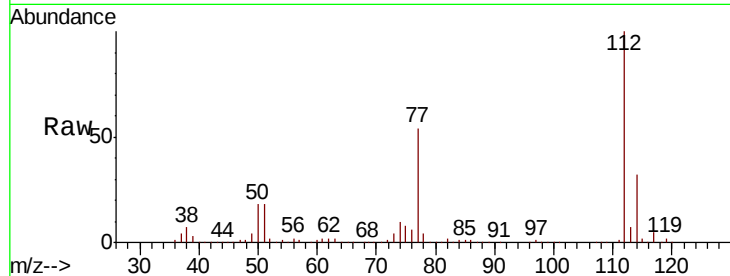




#65
Chlorobenzene
Concen: 50.677 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

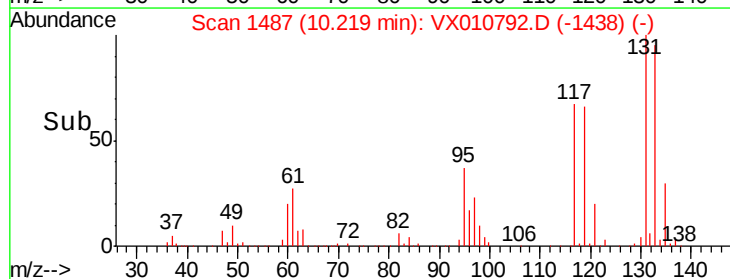
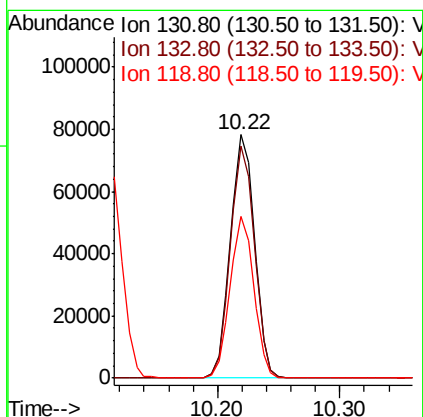
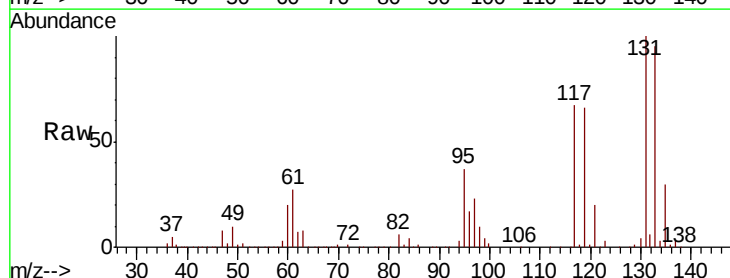
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

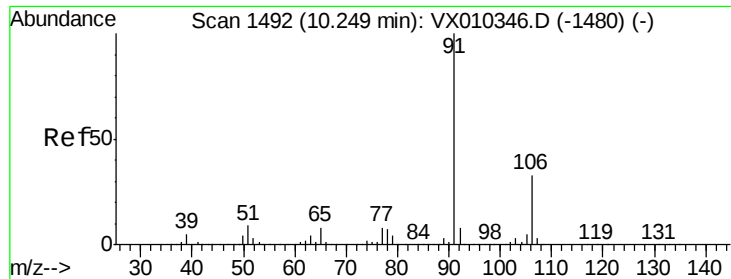
Tot Ion:112 Resp: 292423
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.795 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion:131 Resp: 106765
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.2 32.6 97.7

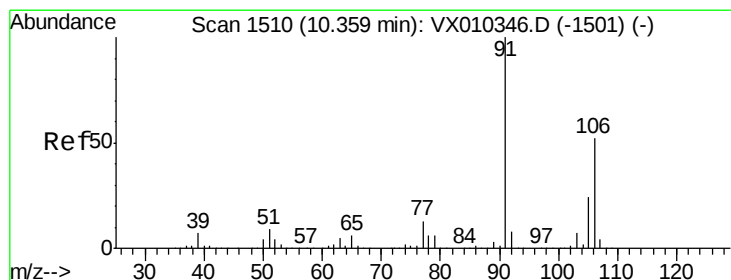
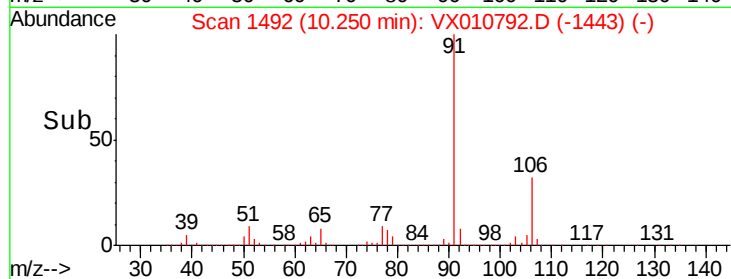
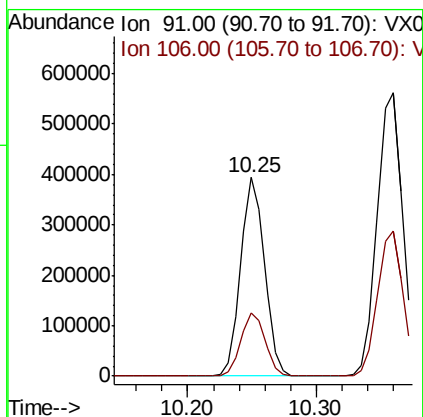
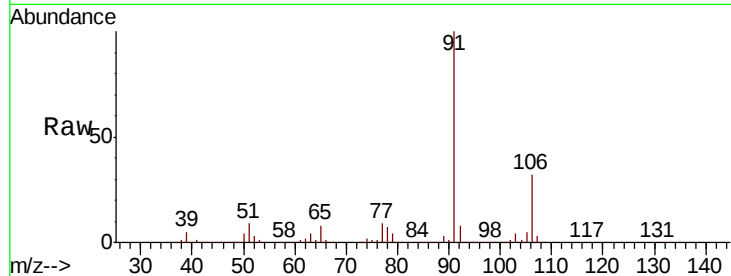




#67
Ethyl Benzene
Concen: 52.030 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

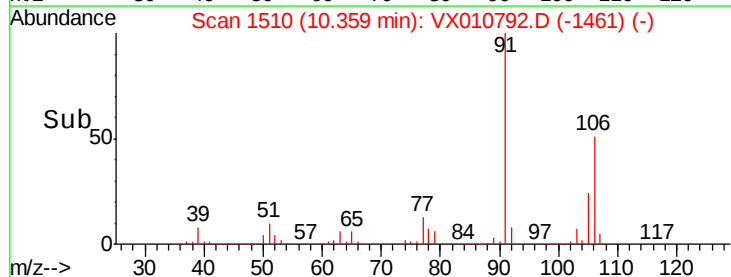
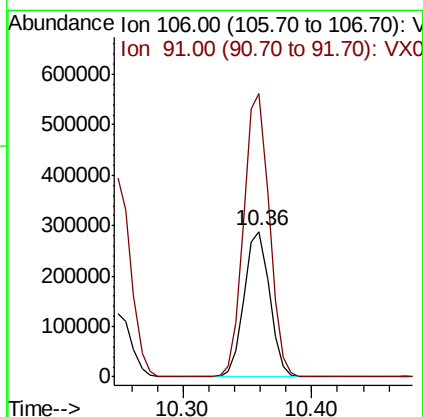
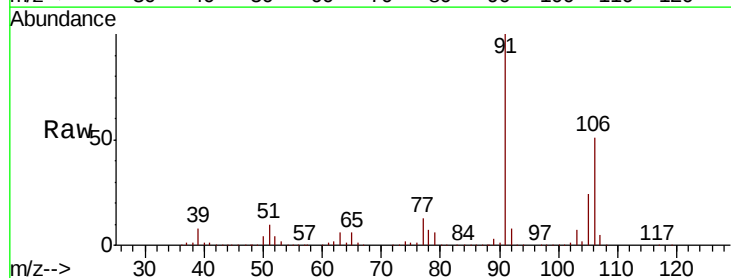
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

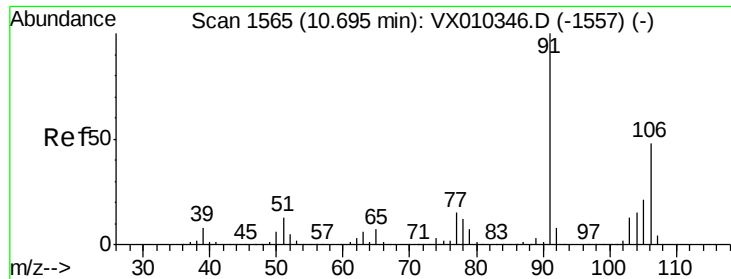
Tot Ion: 91 Resp: 506855
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 103.843 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 106 Resp: 391968
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

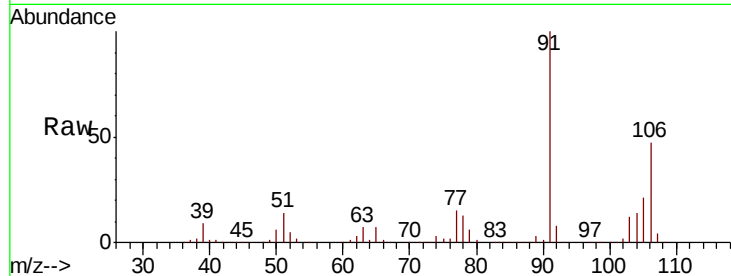




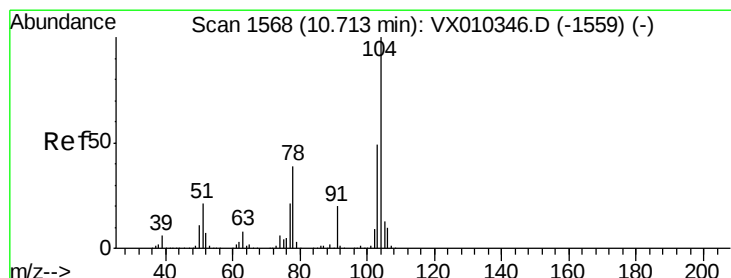
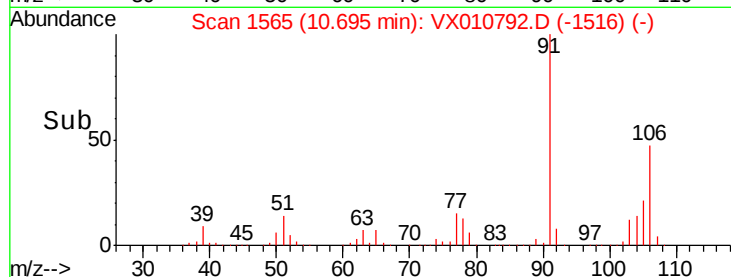
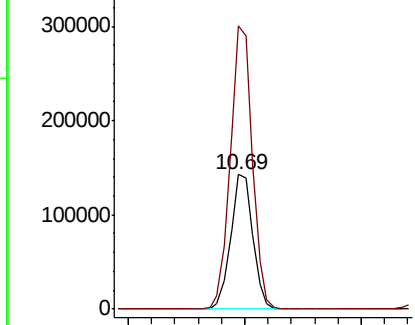
#69
o-Xylene
Concen: 51.179 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 189975
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1

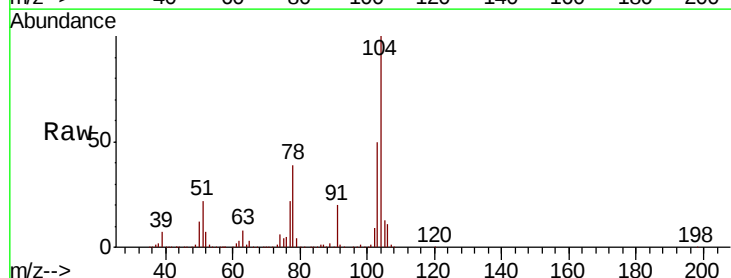


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

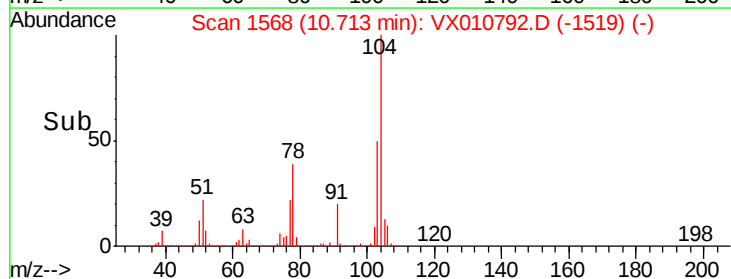
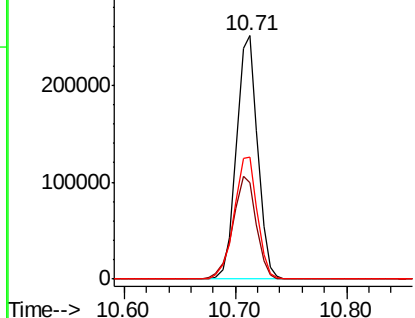


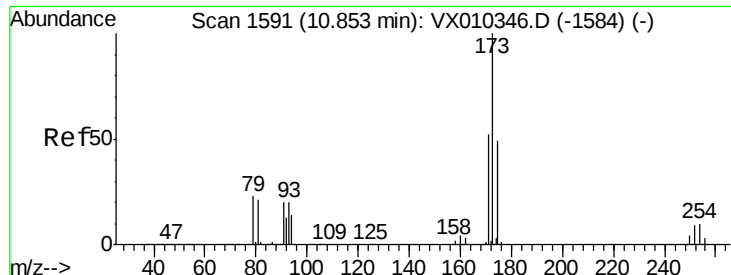
#70
Styrene
Concen: 53.037 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion:104 Resp: 330166
Ion Ratio Lower Upper
104 100
78 46.6 36.2 54.2
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 48.096 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

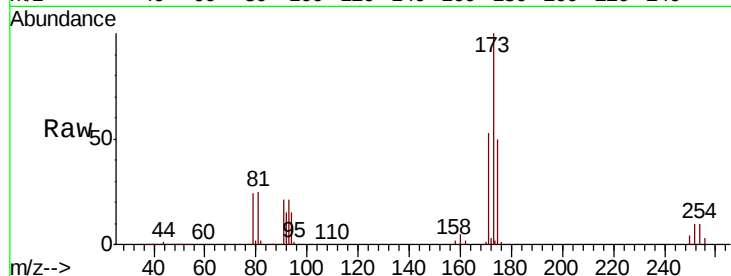
Tot Ion:173 Resp: 87912

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

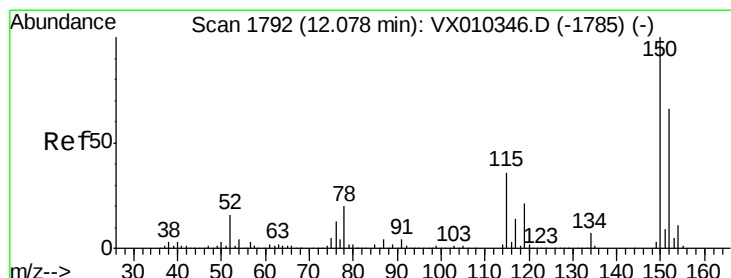
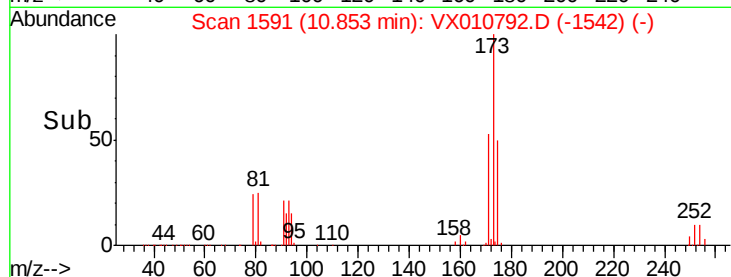
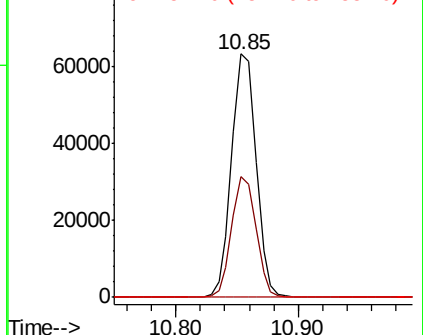
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

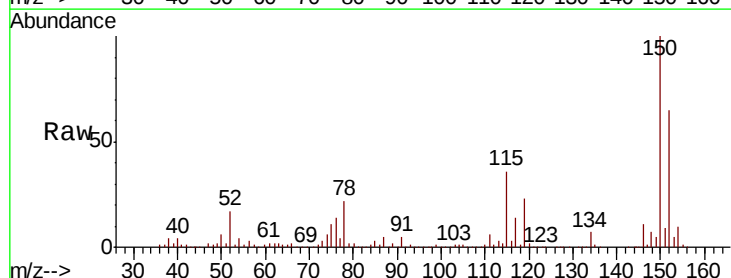
Tgt Ion:152 Resp: 155154

Ion Ratio Lower Upper

152 100

115 78.5 38.6 115.7

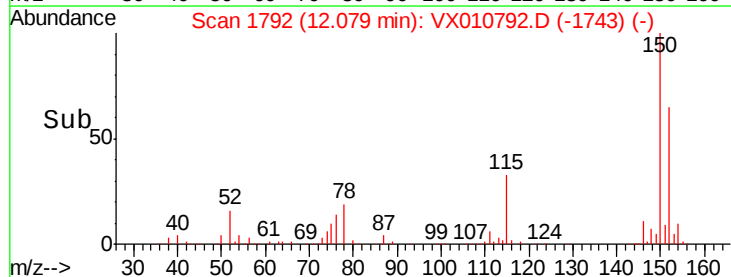
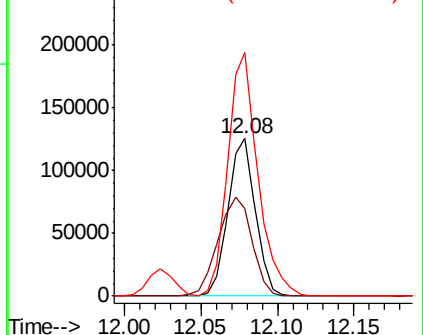
150 170.6 0.0 347.4

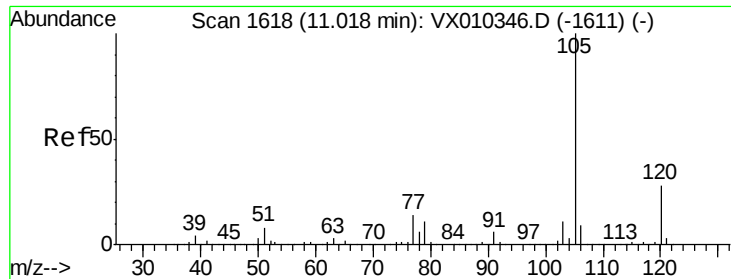


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

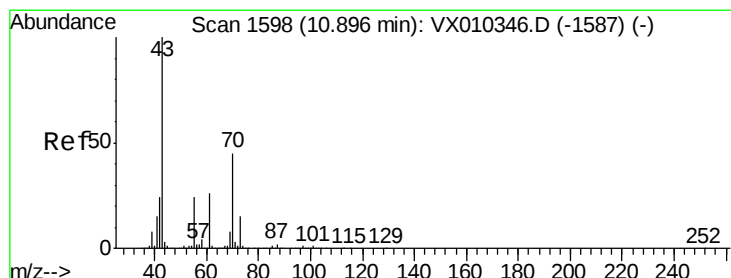
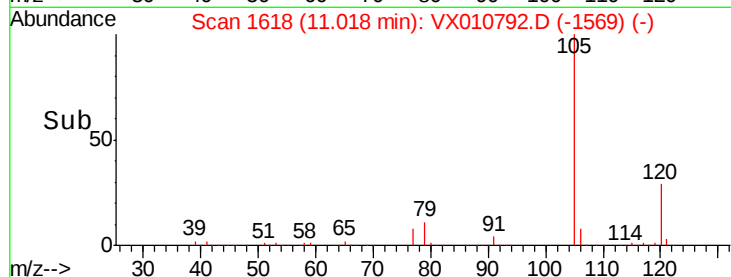
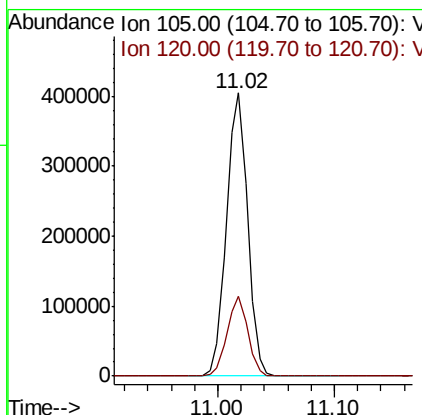
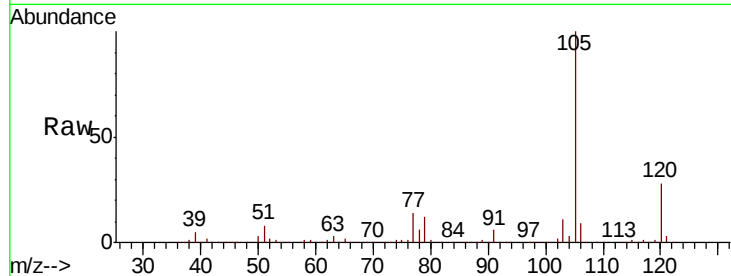




#73
Isopropylbenzene
Concen: 48.264 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

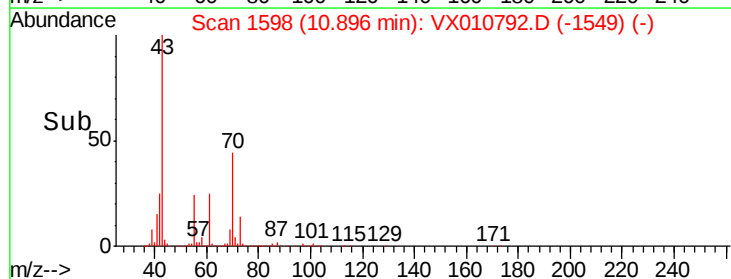
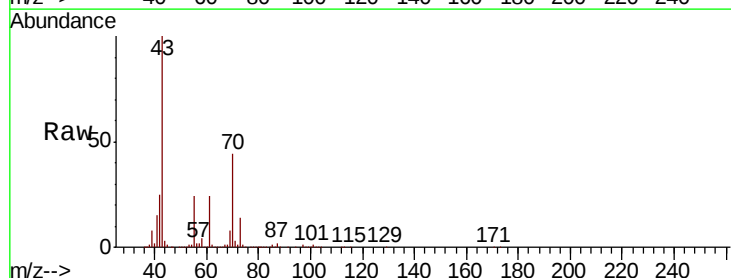
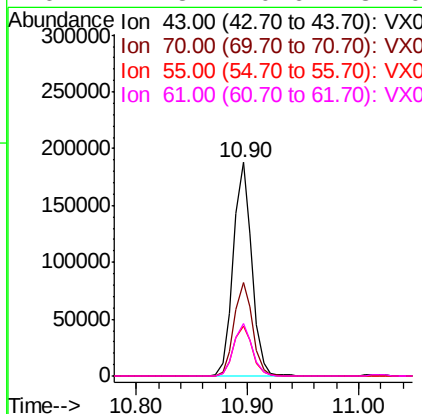
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

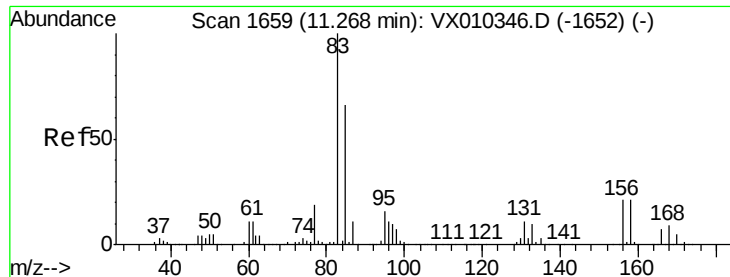
Tot Ion:105 Resp: 507621
Ion Ratio Lower Upper
105 100
120 27.7 14.1 42.4



#74
N-ethyl acetate
Concen: 53.864 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 43 Resp: 214097
Ion Ratio Lower Upper
43 100
70 44.0 36.6 54.8
55 24.1 18.7 28.1
61 24.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.685 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

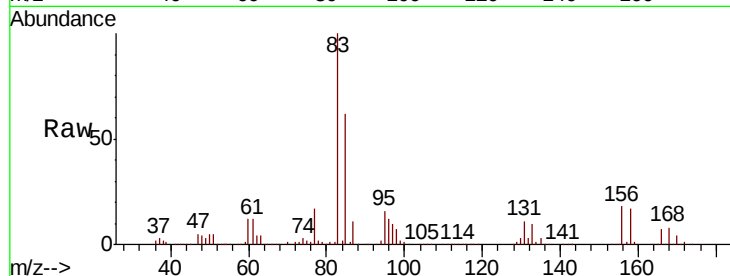
Tot Ion: 83 Resp: 176542

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

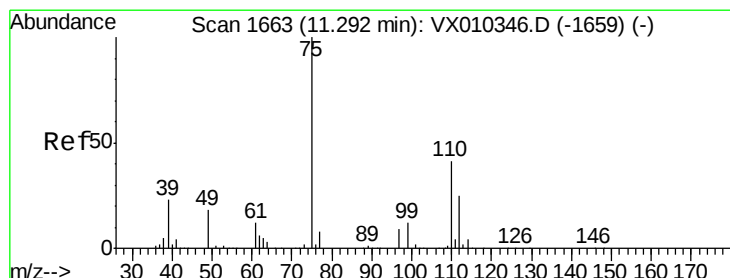
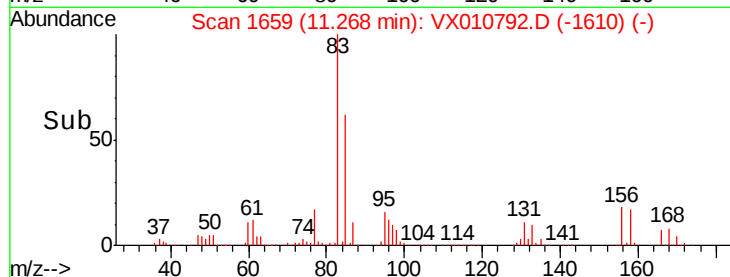
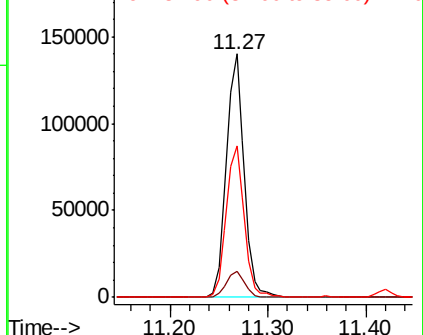
85 63.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.657 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010792.D

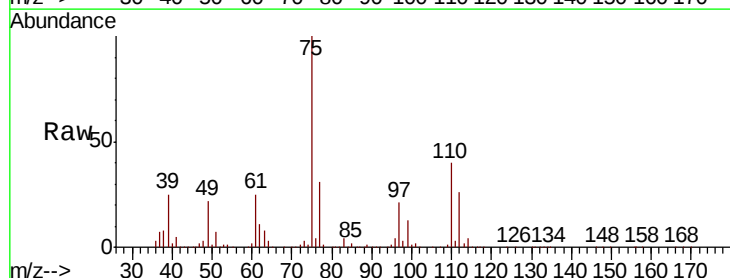
Acq: 10 Jul 2019 21:03

Tgt Ion: 75 Resp: 188460

Ion Ratio Lower Upper

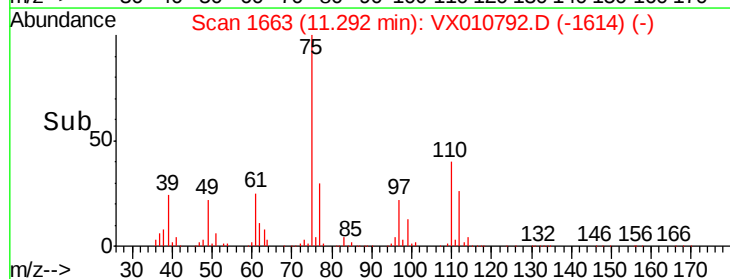
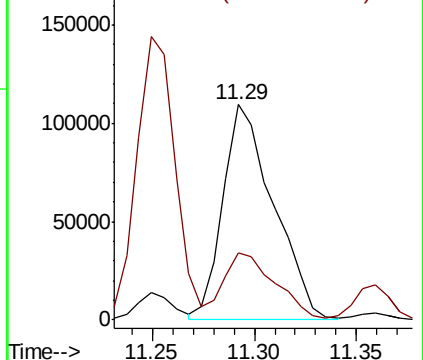
75 100

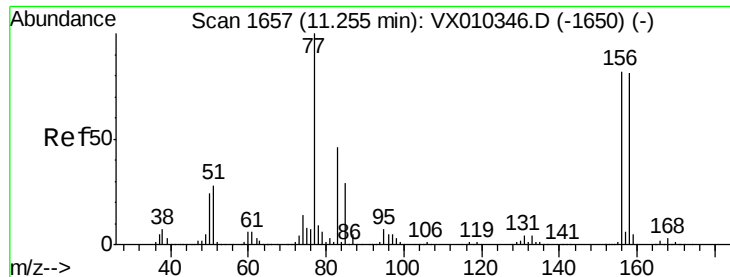
77 31.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

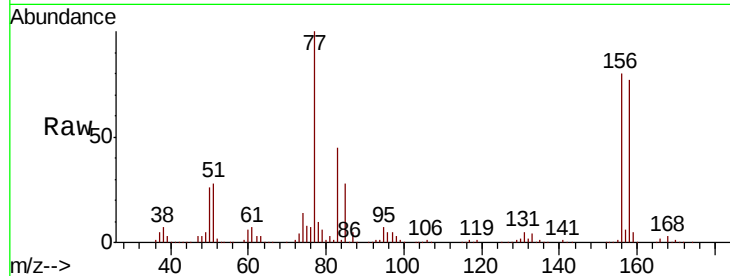




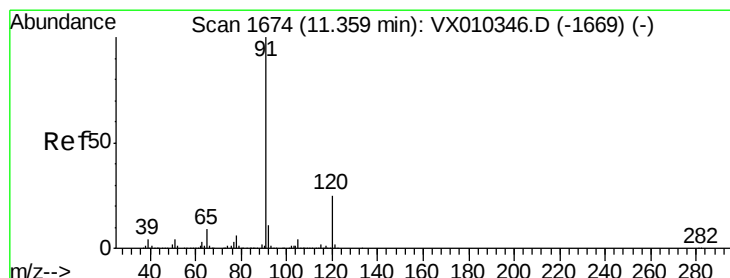
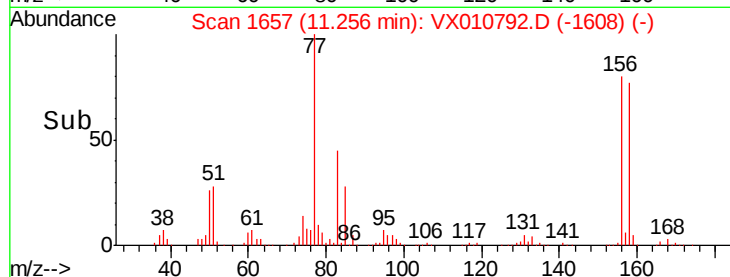
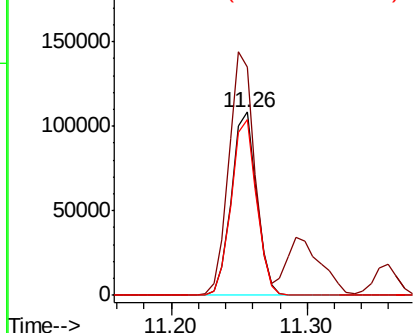
#77
Bromobenzene
Concen: 47.555 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 139660
Ion Ratio Lower Upper
156 100
77 134.4 66.3 198.7
158 96.6 48.9 146.7

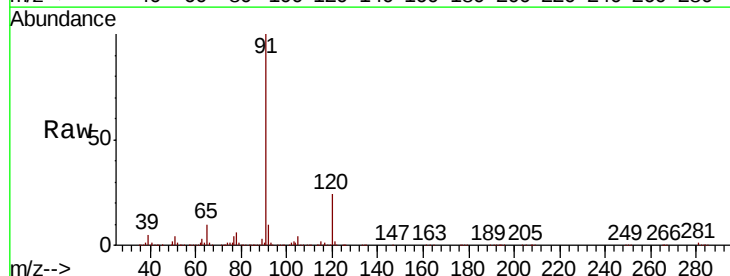


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

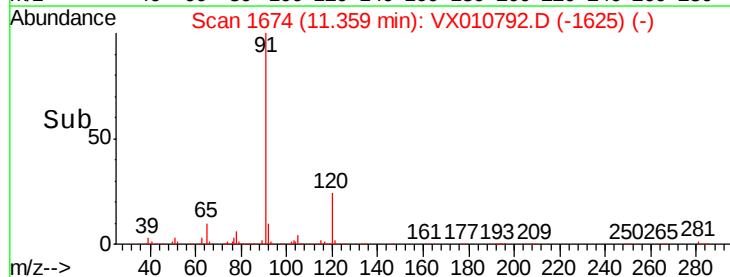
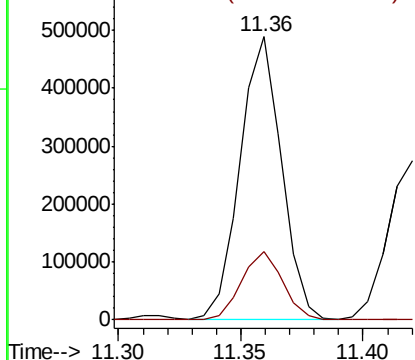


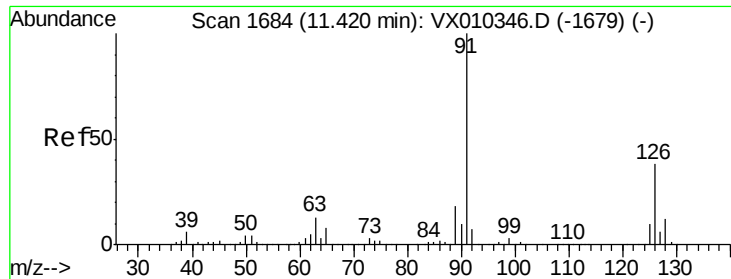
#78
n-propylbenzene
Concen: 49.610 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 91 Resp: 573449
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

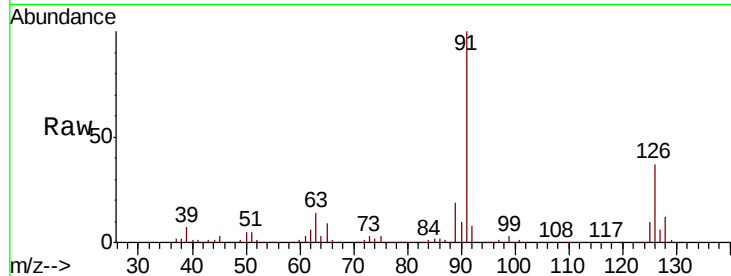




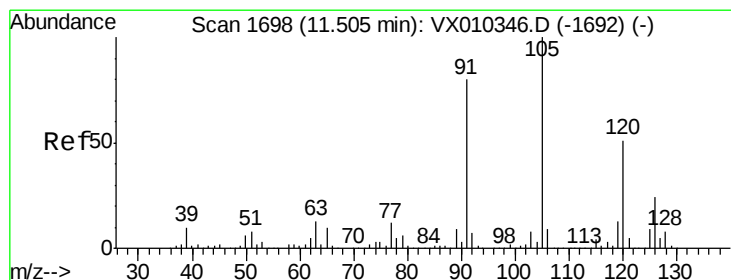
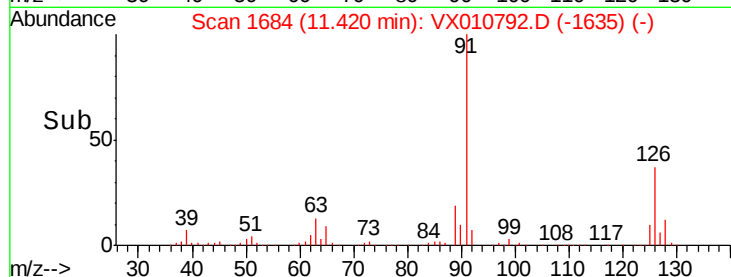
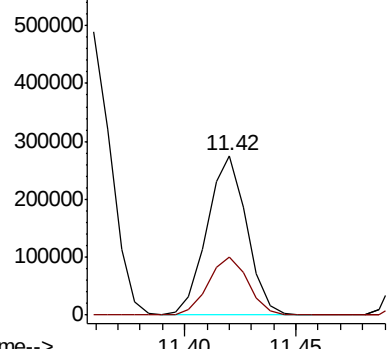
#79
 2-Chlorotoluene
 Concen: 49.158 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 338364
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

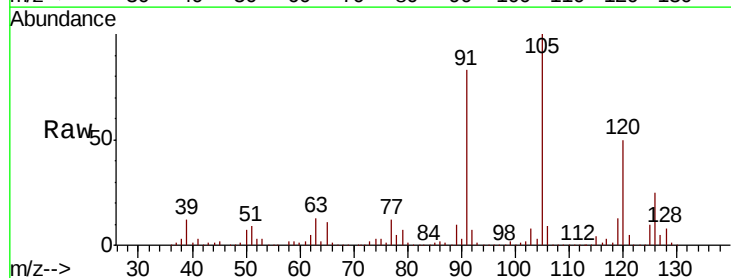


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

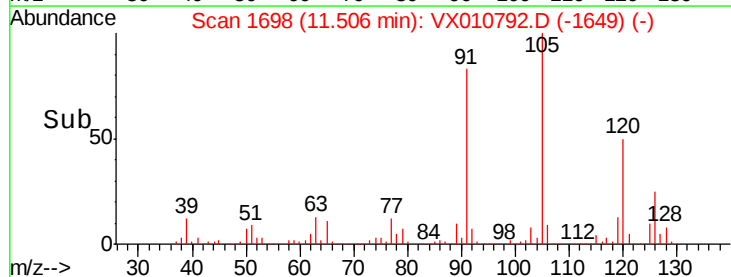
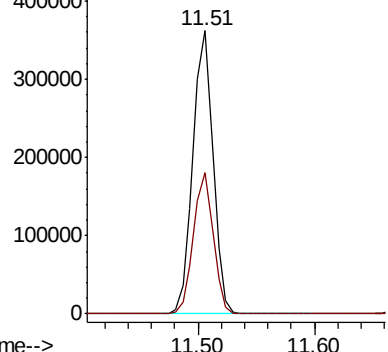


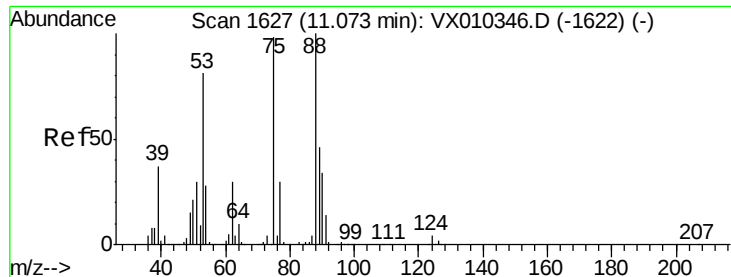
#80
 1,3,5-Trimethylbenzene
 Concen: 49.816 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 105 Resp: 431929
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6



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

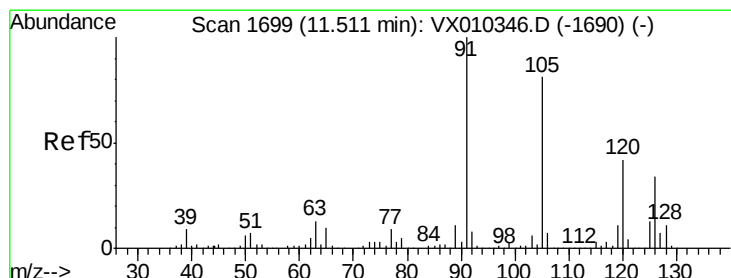
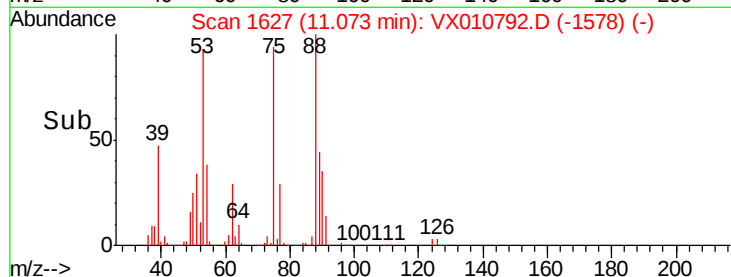
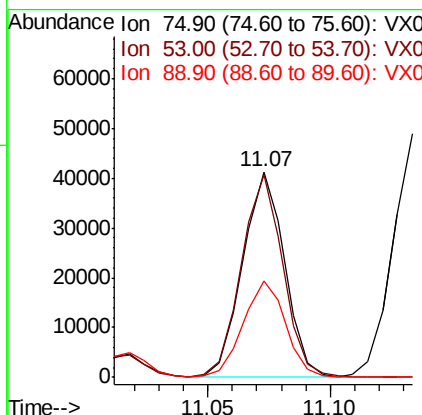
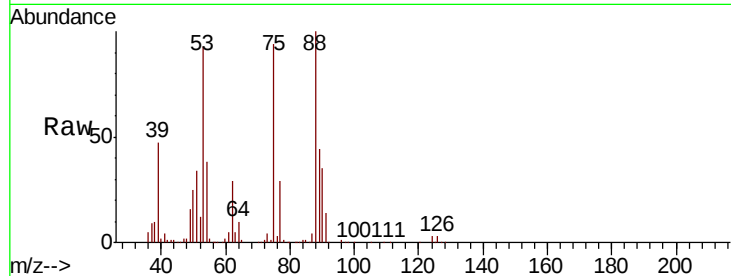




#81
trans-1,4-Dichloro-2-butene
Concen: 40.574 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

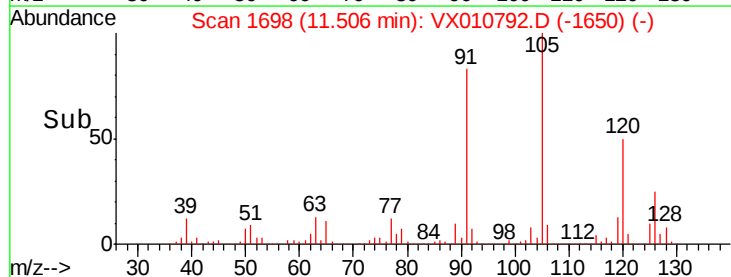
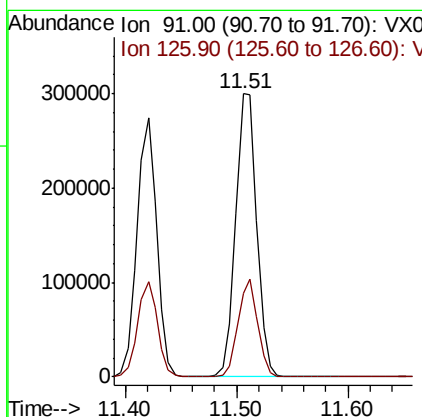
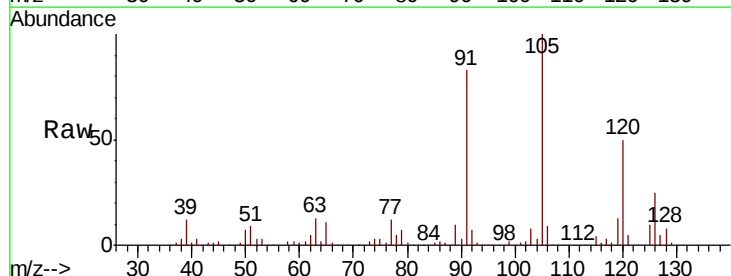
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

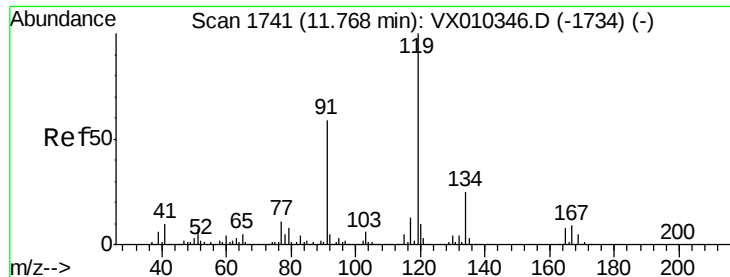
Tot Ion: 75 Resp: 49173
Ion Ratio Lower Upper
75 100
53 97.5 66.1 99.1
89 47.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.125 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 91 Resp: 392596
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

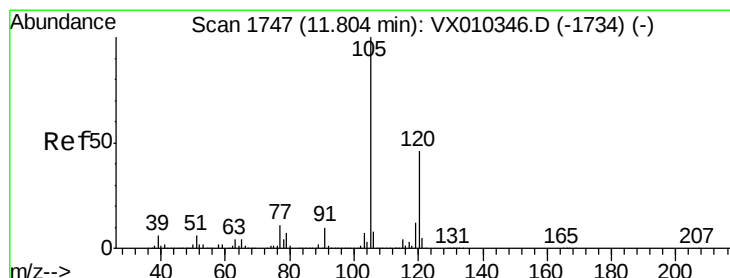
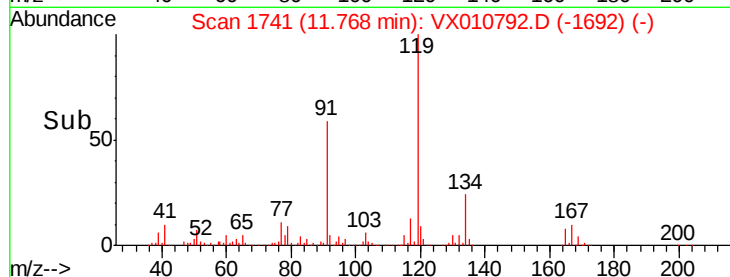
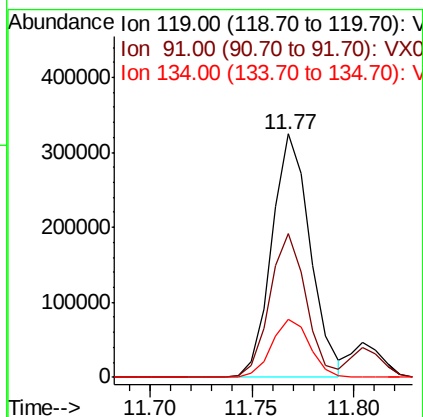
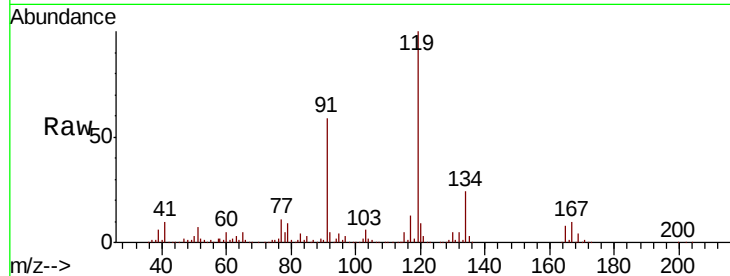




#83
 tert-Butylbenzene
 Concen: 49.039 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

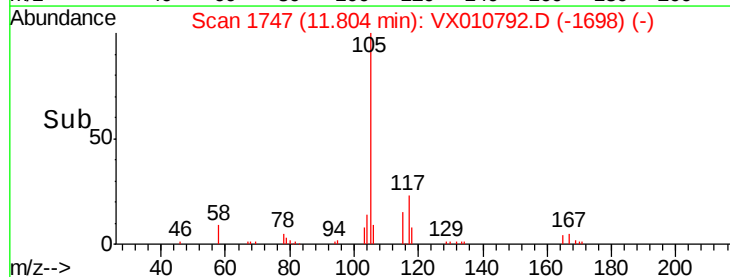
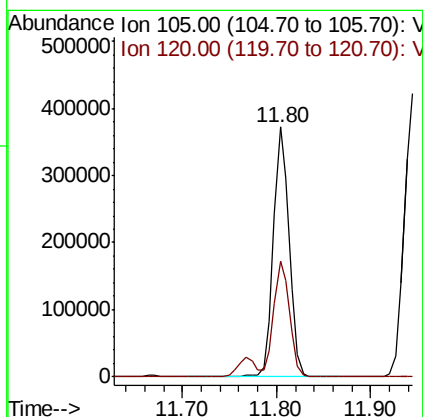
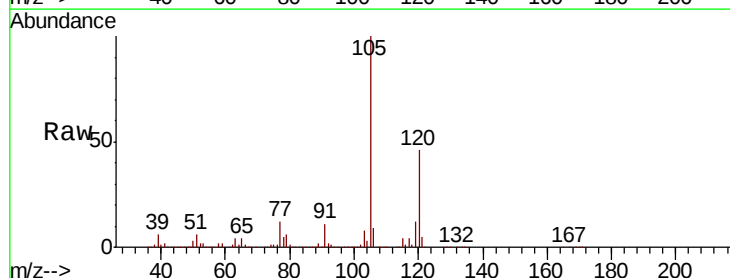
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

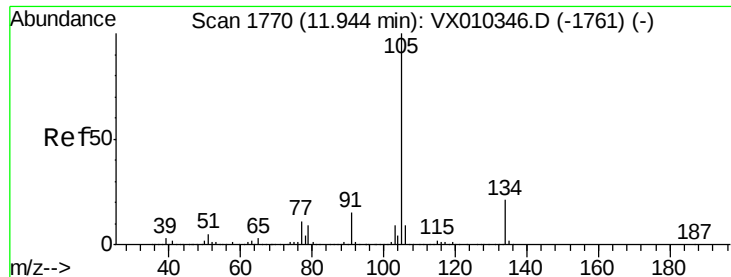
Tot Ion:119 Resp: 426754
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.6 82.7
 134 23.8 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.945 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion:105 Resp: 435072
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.399 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

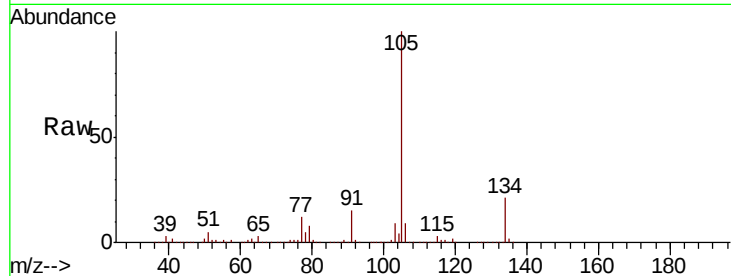
VSTDCCC050EC

Tot Ion:105 Resp: 504746

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

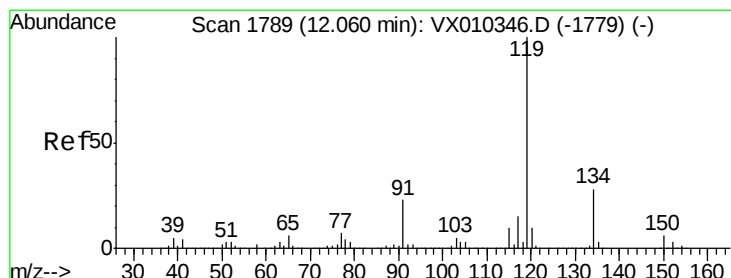
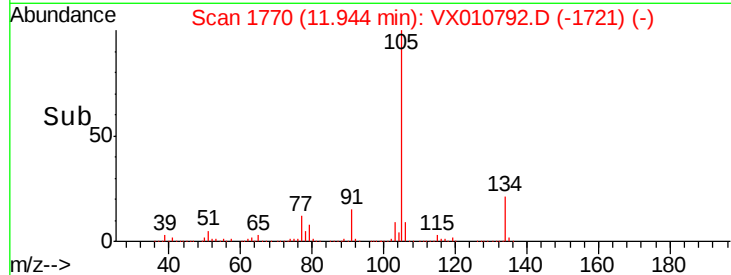
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.266 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

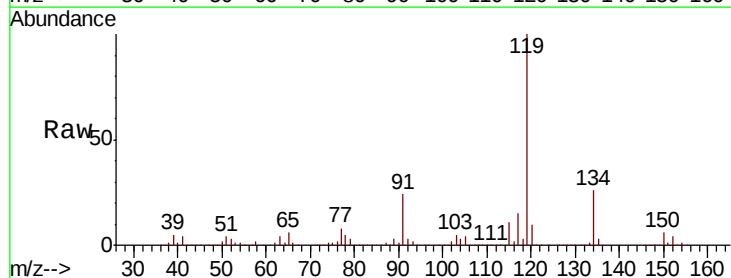
Tgt Ion:119 Resp: 465622

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 23.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

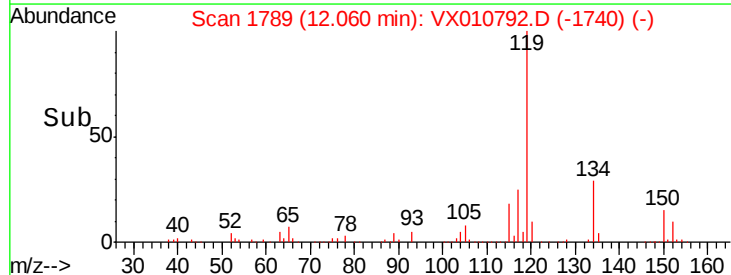
300000

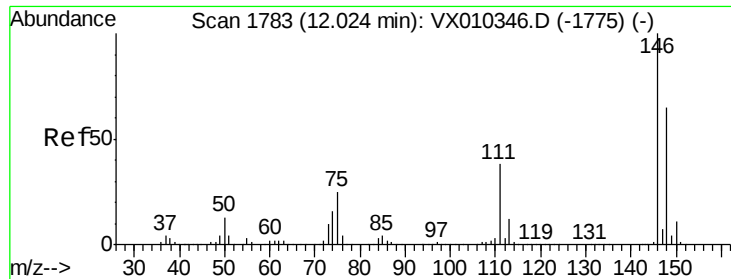
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.298 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

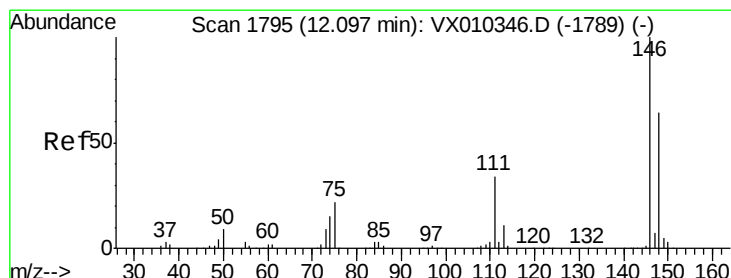
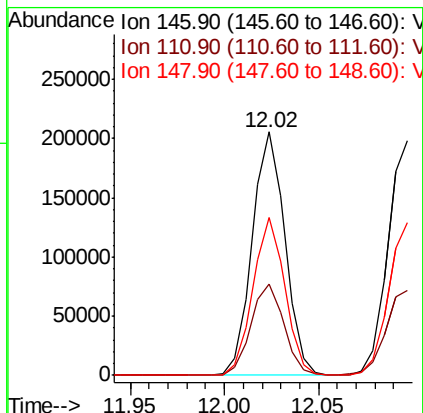
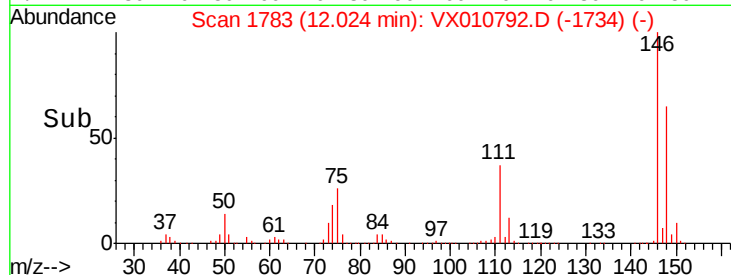
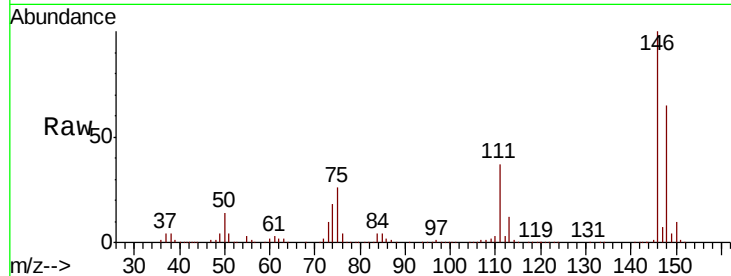
Tot Ion:146 Resp: 247593

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

148 63.4 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 47.011 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

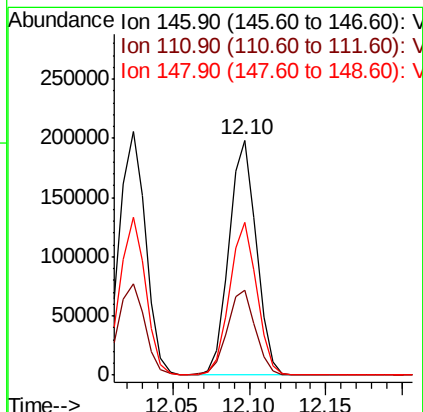
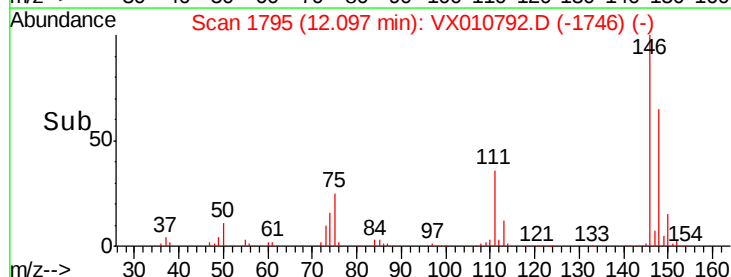
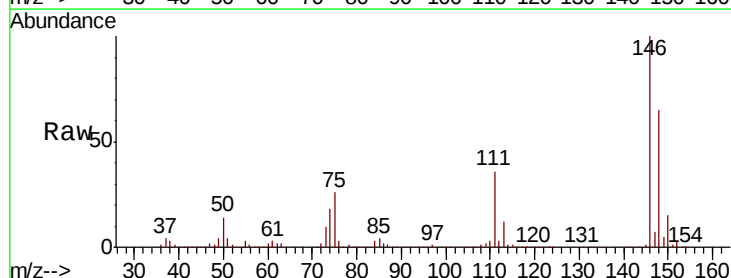
Tgt Ion:146 Resp: 245345

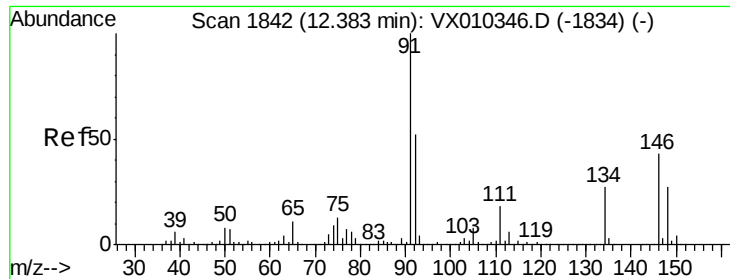
Ion Ratio Lower Upper

146 100

111 37.2 18.1 54.3

148 64.6 32.1 96.3

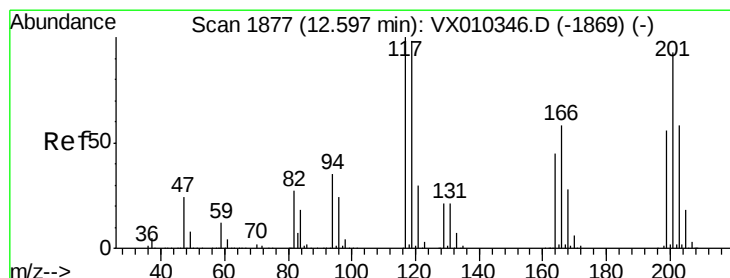
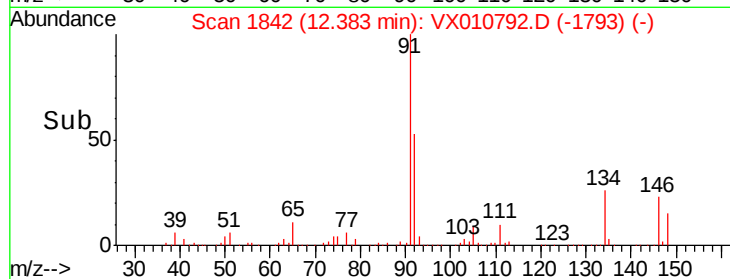
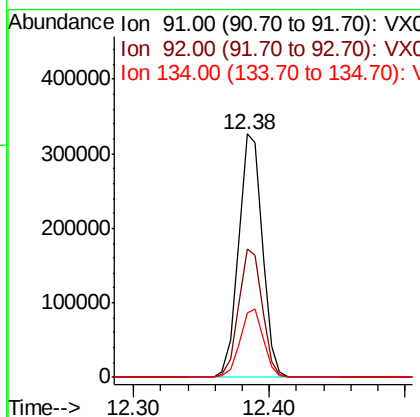
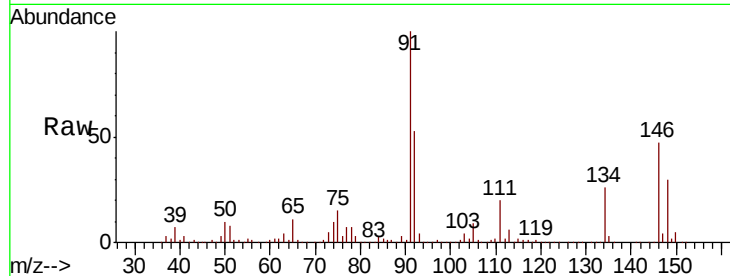




#89
n-Butylbenzene
Concen: 49.150 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

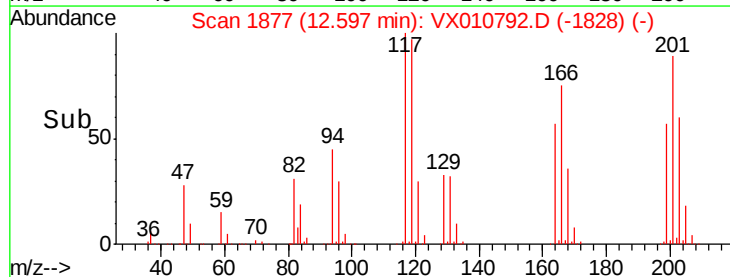
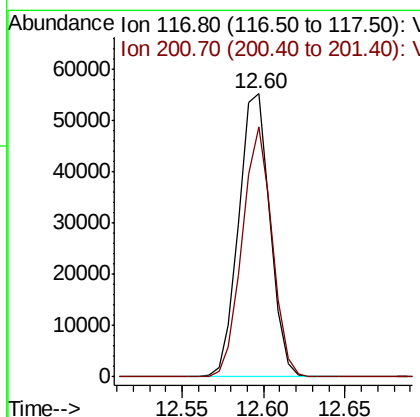
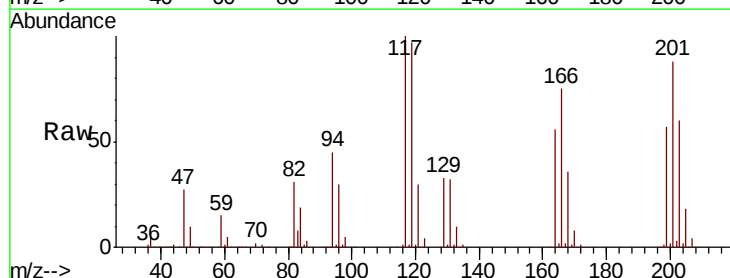
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

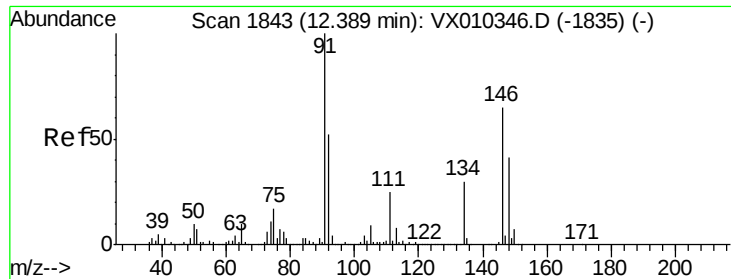
Tot Ion: 91 Resp: 394727
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 27.6 14.1 42.4



#90
Hexachloroethane
Concen: 45.289 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010792.D
Acq: 10 Jul 2019 21:03

Tgt Ion: 117 Resp: 74013
Ion Ratio Lower Upper
117 100
201 84.3 44.0 131.8

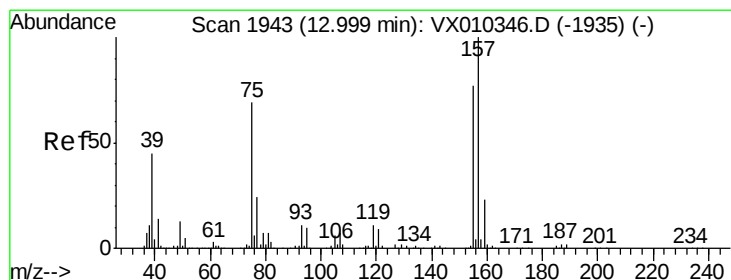
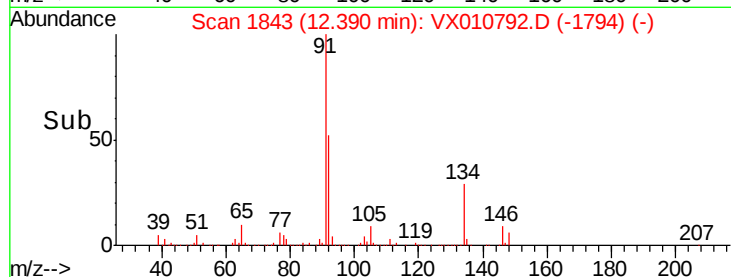
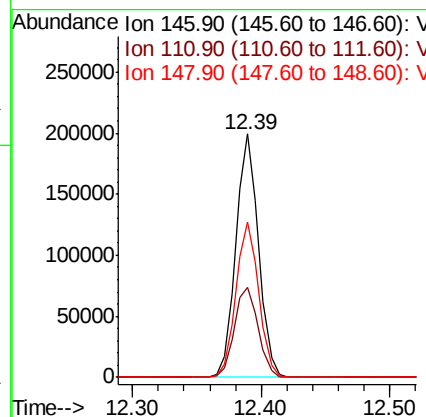
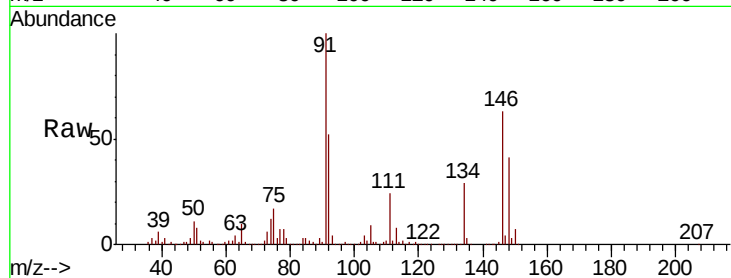




#91
 1,2-Dichlorobenzene
 Concen: 48.080 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

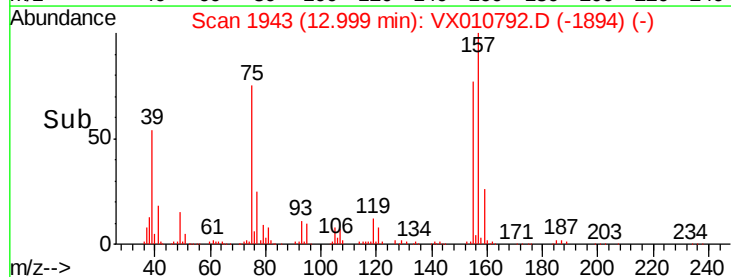
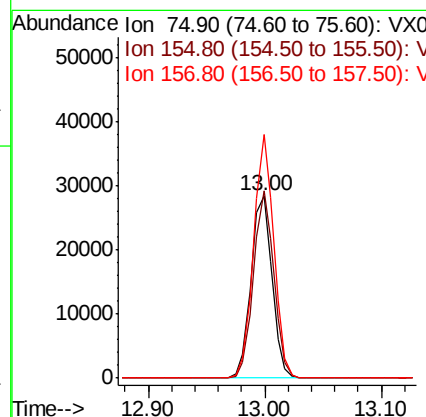
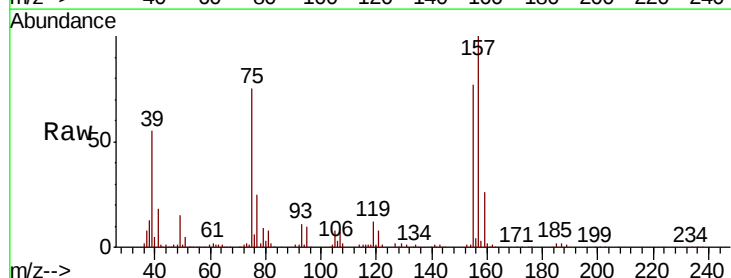
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

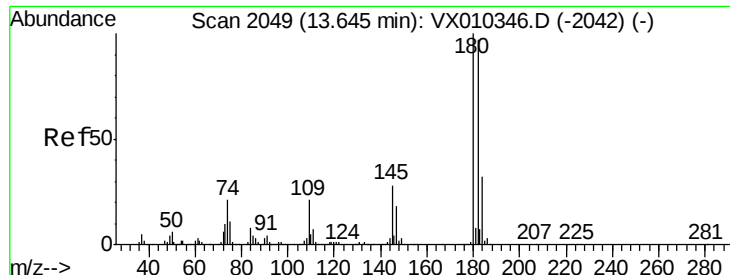
Tot Ion:146 Resp: 244966
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.2 57.6
 148 64.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.182 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Tgt Ion: 75 Resp: 36184
 Ion Ratio Lower Upper
 75 100
 155 99.5 54.4 163.1
 157 127.9 69.5 208.3

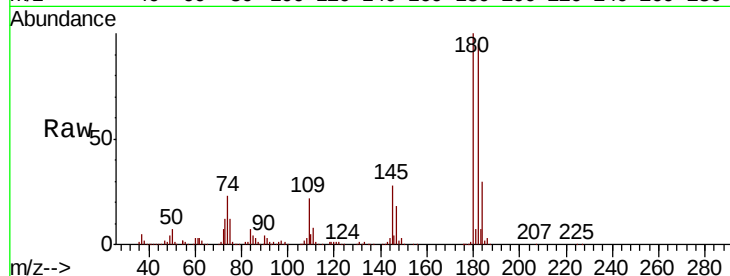




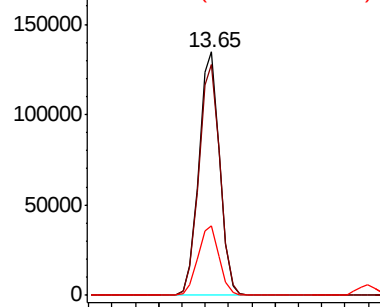
#93
 1,2,4-Trichlorobenzene
 Concen: 46.855 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

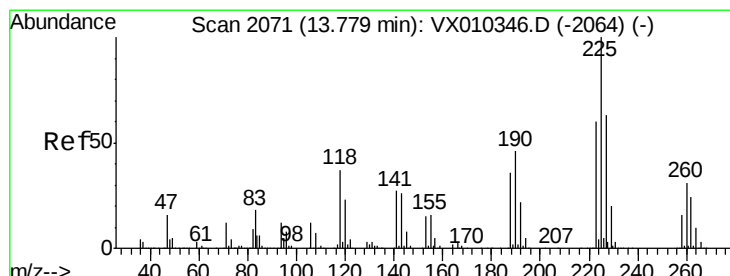
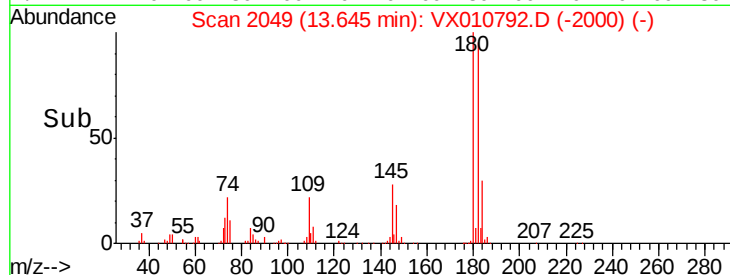
Tot Ion:180 Resp: 165550
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.0 144.0
 145 29.1 14.4 43.4



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

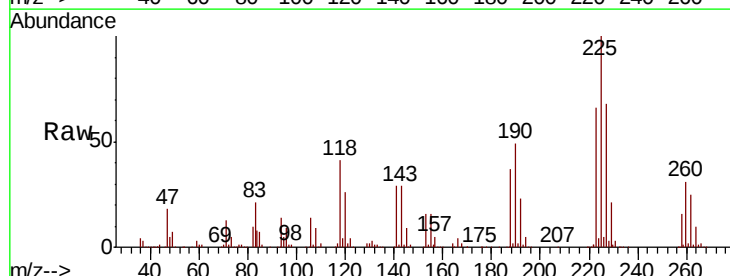


Time-->

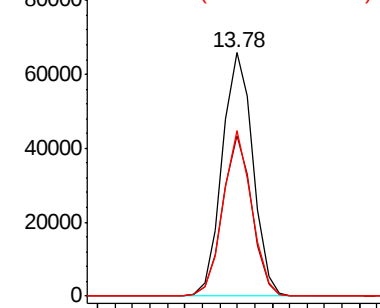


#94
 Hexachlorobutadiene
 Concen: 46.526 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010792.D
 Acq: 10 Jul 2019 21:03

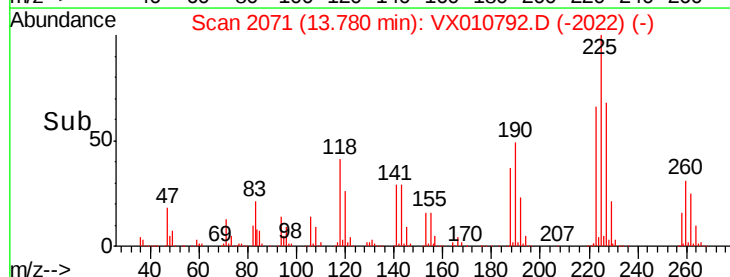
Tgt Ion:225 Resp: 80343
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 63.2 31.9 95.5

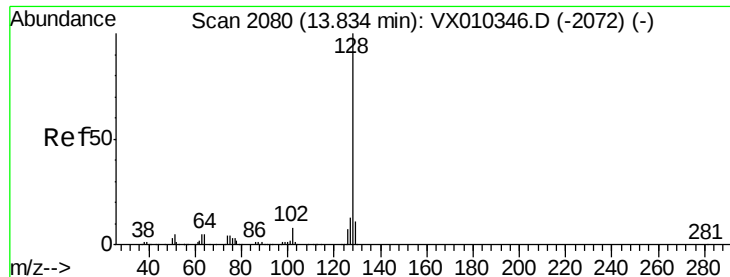


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 49.360 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Instrument :

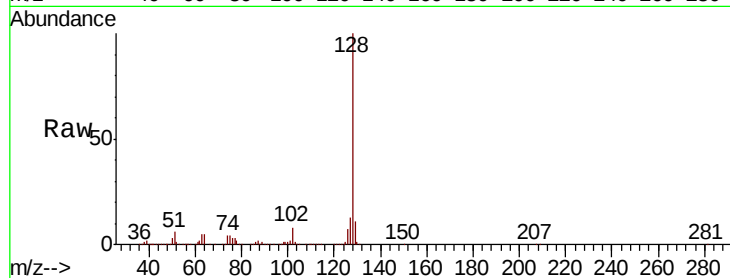
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 535947

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

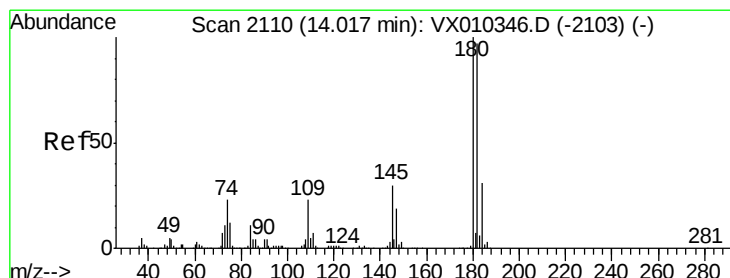
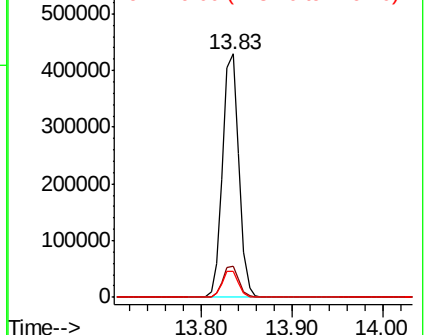
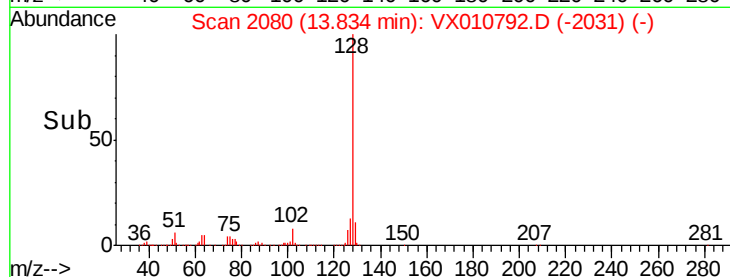


Abundance

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: 48.074 ug/l

RT: 14.02 min Scan# 2110

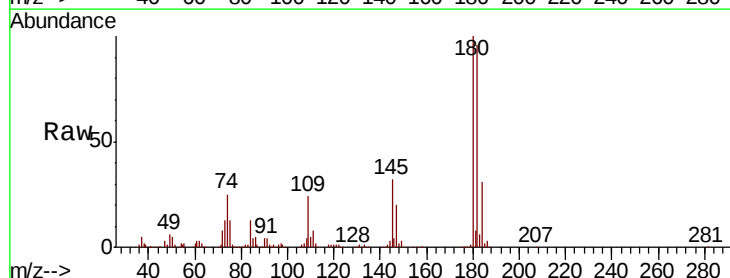
Delta R.T. 0.00 min

Lab File: VX010792.D

Acq: 10 Jul 2019 21:03

Tgt Ion:180 Resp: 168882

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	31.6	15.2	45.6



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

