

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012802.D
 Acq On : 04 Oct 2019 11:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 04:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	281052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113834	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.48	113	89431	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	335674	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.13	95	136160	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	82442	43.245	ug/l	99
3) Chloromethane	1.32	50	89526	40.896	ug/l	99
4) Vinyl Chloride	1.40	62	95190	43.747	ug/l	97
5) Bromomethane	1.62	94	36864	43.090	ug/l	99
6) Chloroethane	1.70	64	61824	42.147	ug/l	97
7) Trichlorofluoromethane	1.92	101	144292	47.232	ug/l	99
8) Diethyl Ether	2.17	74	58117	46.421	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94950	51.029	ug/l	97
10) Methyl Iodide	2.50	142	88221	45.500	ug/l	94
11) Tert butyl alcohol	3.03	59	128951	209.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89615	49.184	ug/l	93
13) Acrolein	2.28	56	79020	230.925	ug/l	99
14) Allyl chloride	2.72	41	162304	44.898	ug/l	97
15) Acrylonitrile	3.13	53	283754	226.886	ug/l	98
16) Acetone	2.43	43	311590	238.383	ug/l	96
17) Carbon Disulfide	2.56	76	222502	43.560	ug/l	99
18) Methyl Acetate	2.76	43	139147	45.210	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	334576	48.514	ug/l	99
20) Methylene Chloride	2.84	84	104503	47.270	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	98695	48.894	ug/l	98
22) Diisopropyl ether	3.84	45	328986	47.099	ug/l	92
23) Vinyl Acetate	3.80	43	1419205	231.688	ug/l	96
24) 1,1-Dichloroethane	3.69	63	181607	47.831	ug/l	98
25) 2-Butanone	4.65	43	413246	220.494	ug/l	94
26) 2,2-Dichloropropane	4.57	77	162242	48.044	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	114914	49.063	ug/l	92
28) Bromochloromethane	5.00	49	63618	46.146	ug/l	93
29) Tetrahydrofuran	5.11	42	247289	216.479	ug/l	96
30) Chloroform	5.20	83	185596	47.779	ug/l	98
31) Cyclohexane	5.57	56	162383	47.274	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164399	47.752	ug/l	98
36) 1,1-Dichloropropene	5.79	75	138481	51.118	ug/l	98
37) Ethyl Acetate	4.81	43	150208	47.427	ug/l	97
38) Carbon Tetrachloride	5.77	117	139437	50.669	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	171579	52.610	ug/l	97
40) Benzene	6.13	78	413729	51.906	ug/l	100
41) Methacrylonitrile	5.02	41	82359	46.347	ug/l	94
42) 1,2-Dichloroethane	6.18	62	152226	50.292	ug/l	98
43) Isopropyl Acetate	6.43	43	248682	46.953	ug/l	97
44) Trichloroethene	7.20	130	107858	52.932	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105942	51.915	ug/l	97
46) Dibromomethane	7.65	93	71341	51.346	ug/l	98
47) Bromodichloromethane	7.89	83	145436	52.373	ug/l	98
48) Methyl methacrylate	7.76	41	119256	46.958	ug/l	92
49) 1,4-Dioxane	7.73	88	52667	914.306	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	764601	233.865	ug/l	95
52) Toluene	8.78	92	264056	52.709	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	162620	52.929	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	174492	52.016	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	107221	53.834	ug/l	98
56) Ethyl methacrylate	9.17	69	171643	51.297	ug/l	91
57) 1,3-Dichloropropane	9.36	76	179984	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	394509	262.662	ug/l	100
59) 2-Hexanone	9.48	43	602235	240.649	ug/l	93
60) Dibromochloromethane	9.57	129	111614	55.359	ug/l	96
61) 1,2-Dibromoethane	9.67	107	110640	53.377	ug/l	100
64) Tetrachloroethene	9.33	164	100226	57.213	ug/l	94
65) Chlorobenzene	10.14	112	279644	52.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101921	53.166	ug/l	96
67) Ethyl Benzene	10.25	91	513957	53.557	ug/l	100
68) m/p-Xylenes	10.36	106	387783	107.873	ug/l	98
69) o-Xylene	10.70	106	185941	53.455	ug/l	100
70) Styrene	10.71	104	326992	56.075	ug/l	99
71) Bromoform	10.85	173	74856	56.078	ug/l #	98
73) Isopropylbenzene	11.01	105	506118	50.922	ug/l	100
74) N-amyl acetate	10.89	43	223471	47.129	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	165599	50.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	192468	59.624	ug/l	87
77) Bromobenzene	11.25	156	117395	52.187	ug/l	99
78) n-propylbenzene	11.35	91	571982	51.117	ug/l	100
79) 2-Chlorotoluene	11.42	91	343973	49.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	423900	50.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52837	46.907	ug/l	97
82) 4-Chlorotoluene	11.51	91	401010	50.396	ug/l	99
83) tert-Butylbenzene	11.76	119	398394	49.552	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	427460	50.840	ug/l	99
85) sec-Butylbenzene	11.94	105	488447	52.232	ug/l	100
86) p-Isopropyltoluene	12.06	119	445512	52.799	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220304	54.420	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	218114	53.320	ug/l	99
89) n-Butylbenzene	12.39	91	403467	54.263	ug/l	99
90) Hexachloroethane	12.59	117	76845	51.083	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	217113	53.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38641	46.928	ug/l	97

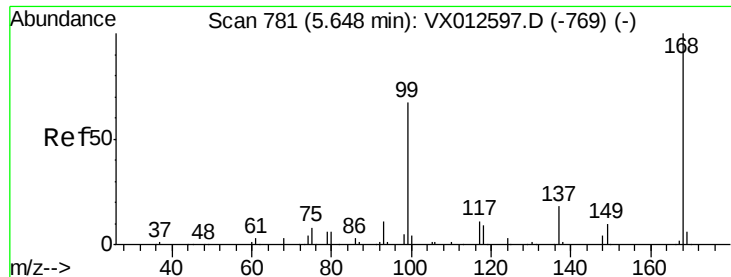
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140746	56.944	ug/l	100
94) Hexachlorobutadiene	13.78	225	63677	59.886	ug/l	98
95) Naphthalene	13.83	128	462951	51.770	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140223	56.635	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

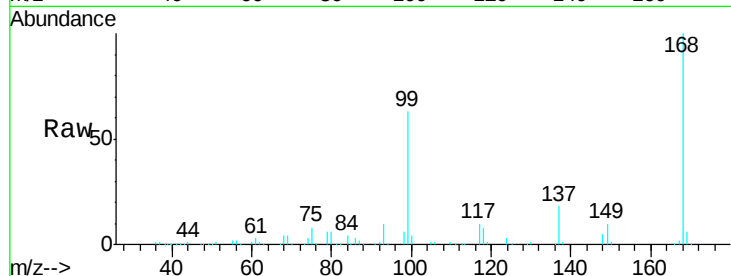
VSTDCCC050

Tgt Ion:168 Resp: 169463

Ion Ratio Lower Upper

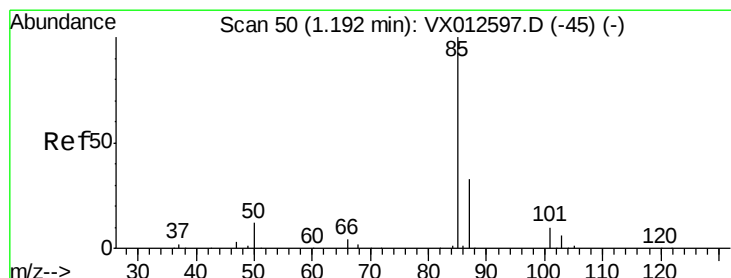
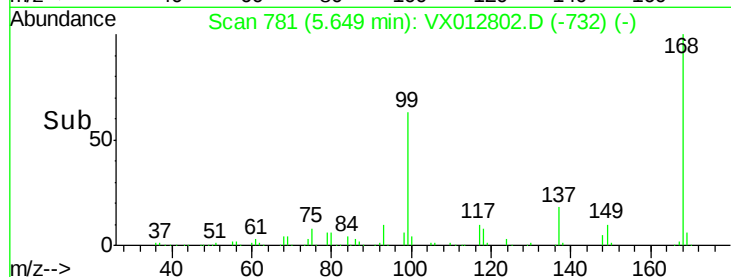
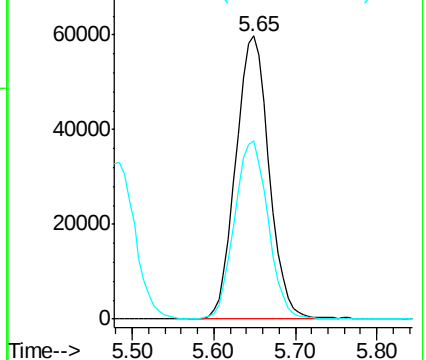
168 100

99 63.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.245 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012802.D

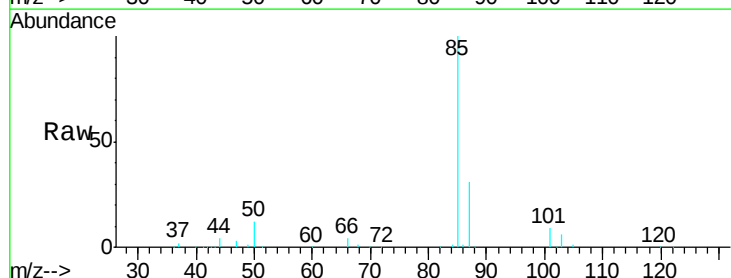
Acq: 04 Oct 2019 11:06

Tgt Ion: 85 Resp: 82442

Ion Ratio Lower Upper

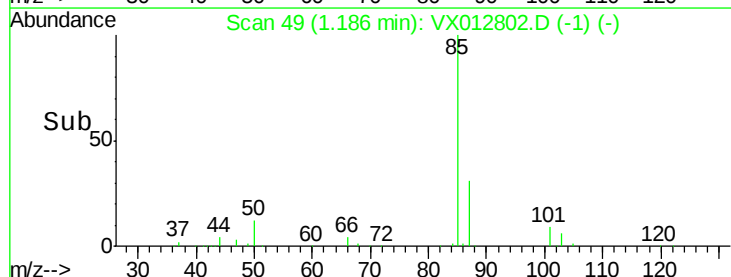
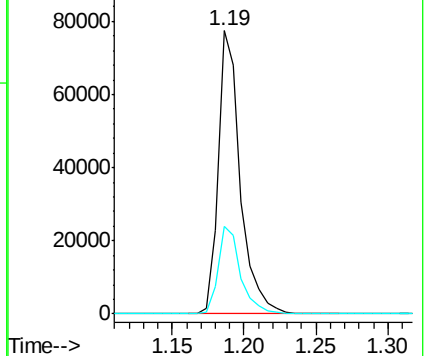
85 100

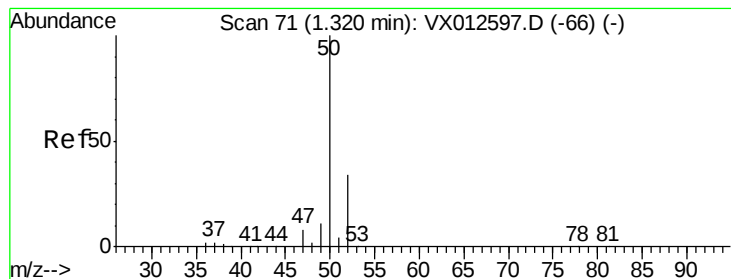
87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.896 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

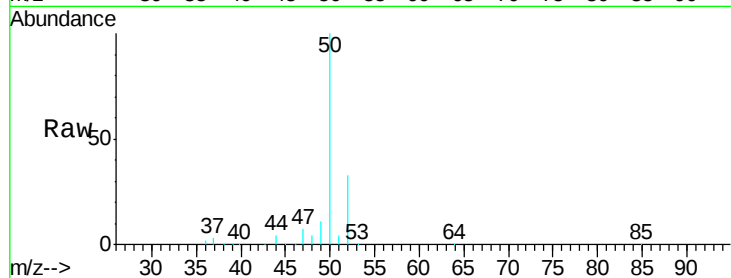
VSTDCCC050

Tgt Ion: 50 Resp: 89526

Ion Ratio Lower Upper

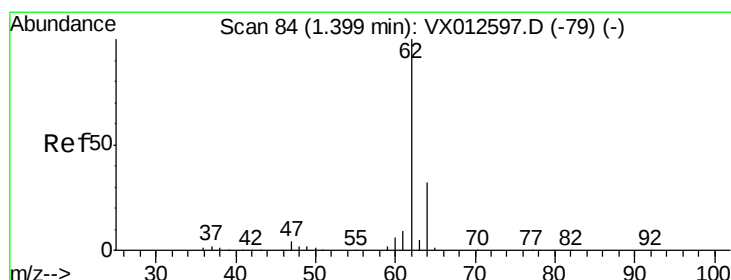
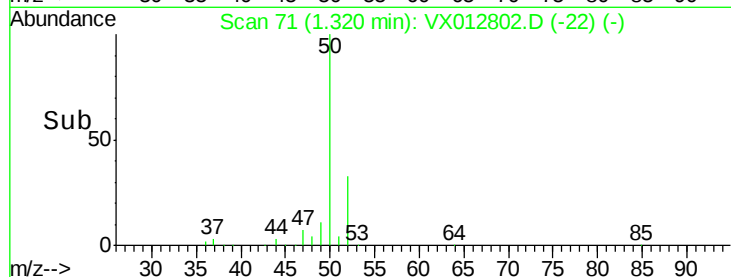
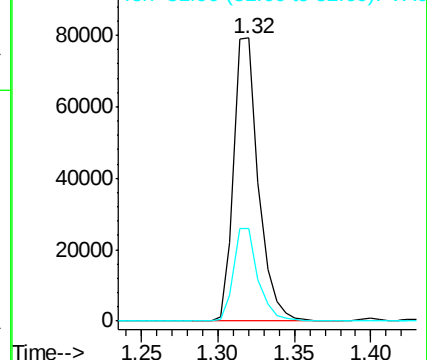
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.747 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012802.D

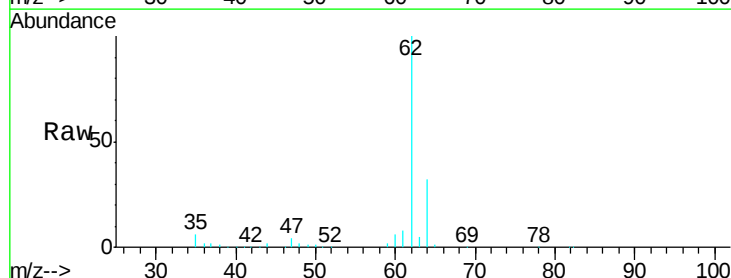
Acq: 04 Oct 2019 11:06

Tgt Ion: 62 Resp: 95190

Ion Ratio Lower Upper

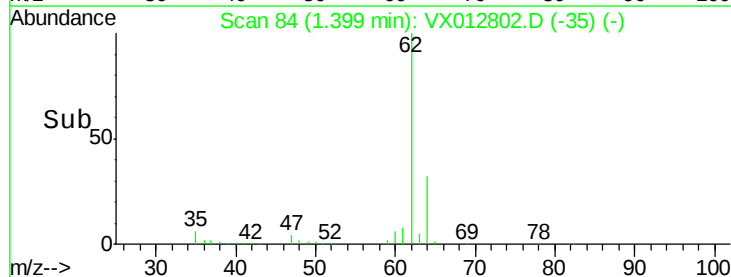
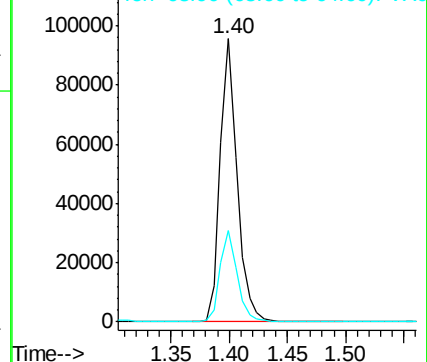
62 100

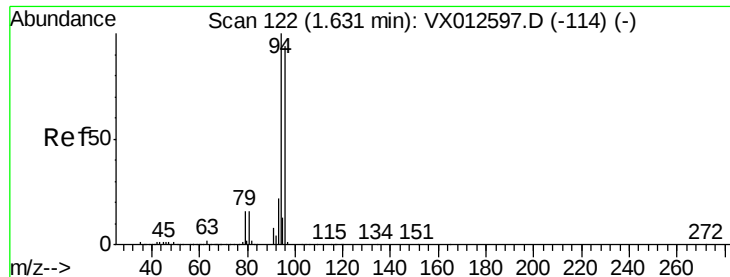
64 32.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.090 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

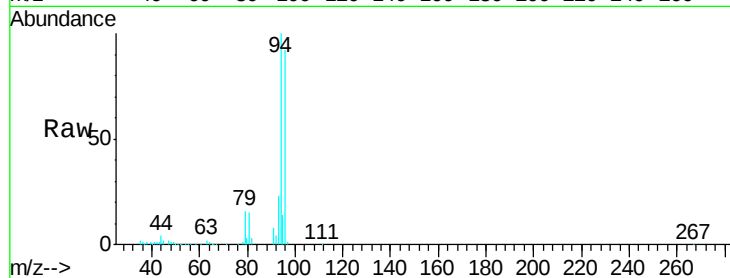
VSTDCCC050

Tgt Ion: 94 Resp: 36864

Ion Ratio Lower Upper

94 100

96 92.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

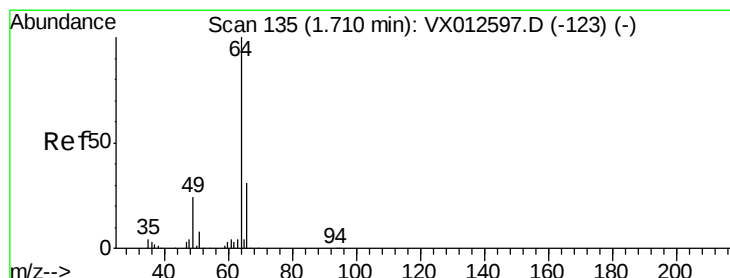
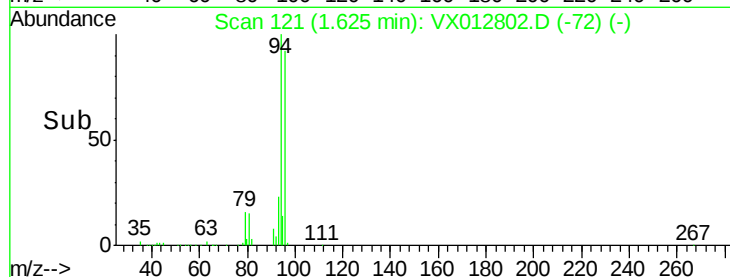
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 42.147 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012802.D

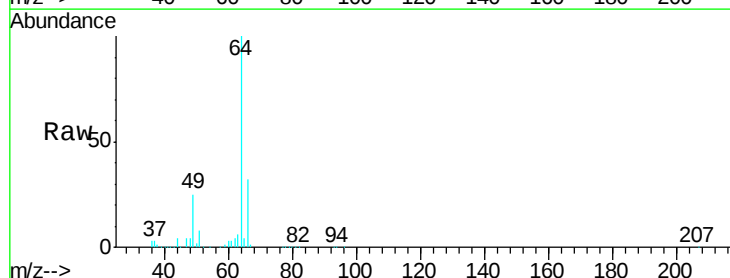
Acq: 04 Oct 2019 11:06

Tgt Ion: 64 Resp: 61824

Ion Ratio Lower Upper

64 100

66 31.6 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

50000

40000

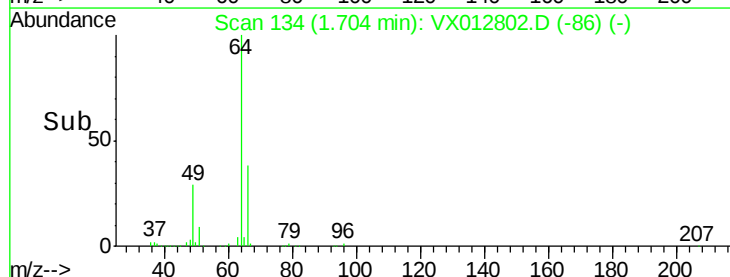
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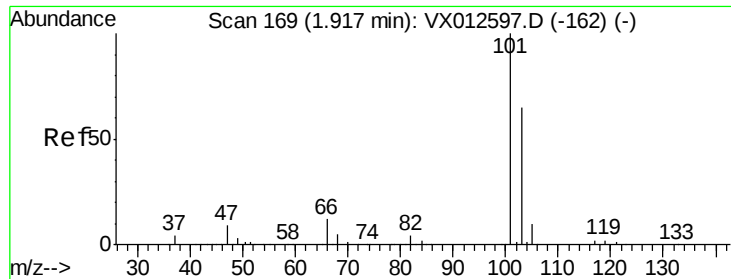
20000

10000

0

Time--> 1.60 1.70 1.80



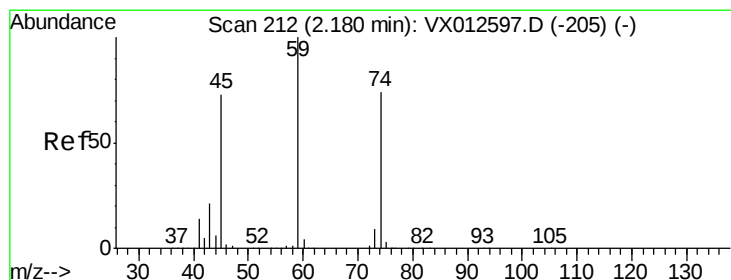
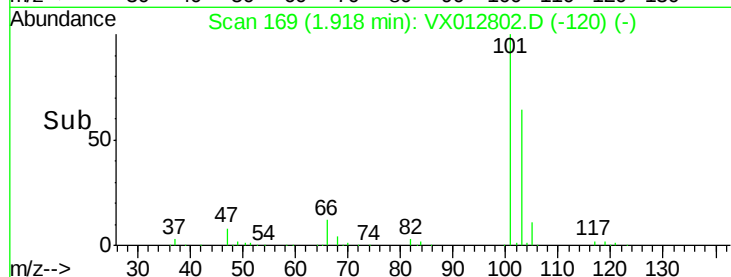
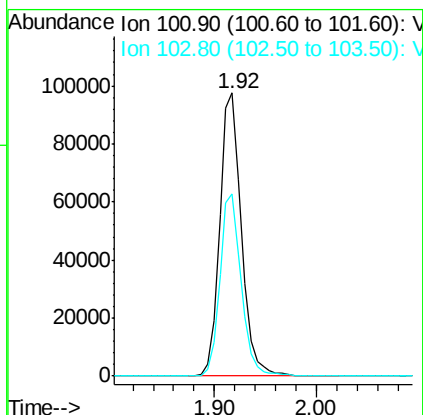
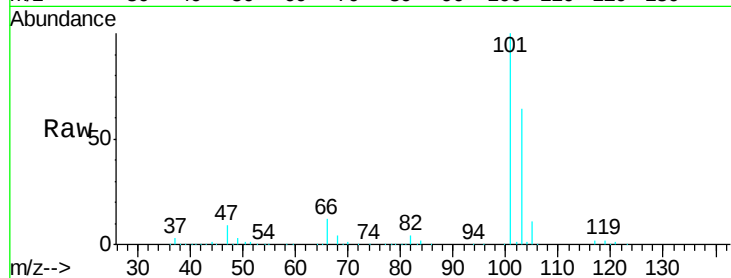


#7

Trichlorofluoromethane
Concen: 47.232 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

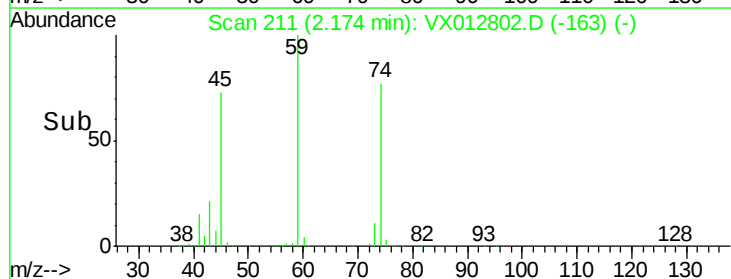
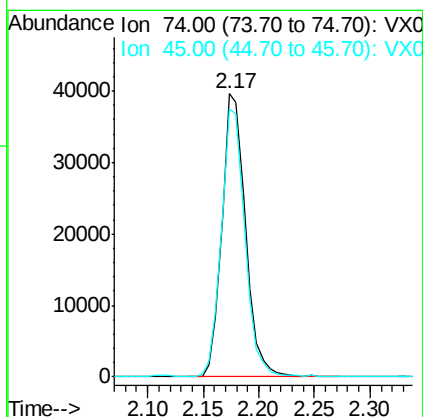
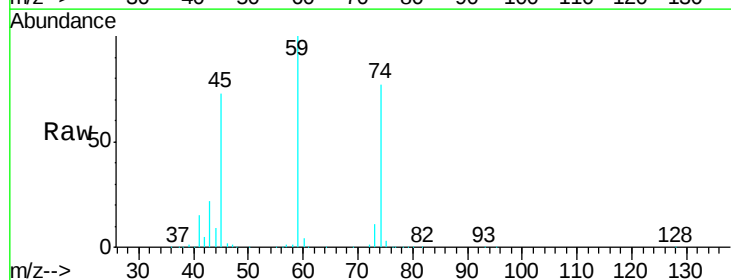
Tgt Ion:101 Resp: 144292
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

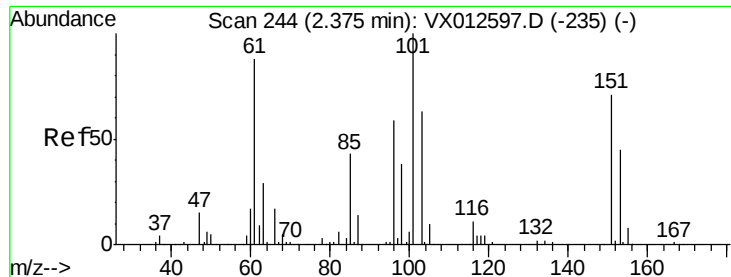


#8

Diethyl Ether
Concen: 46.421 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 74 Resp: 58117
Ion Ratio Lower Upper
74 100
45 94.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.029 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

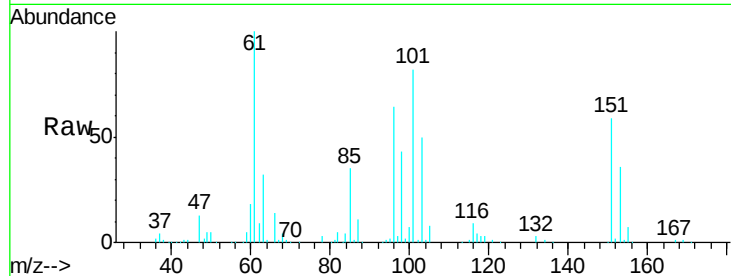
Tgt Ion:101 Resp: 94950

Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

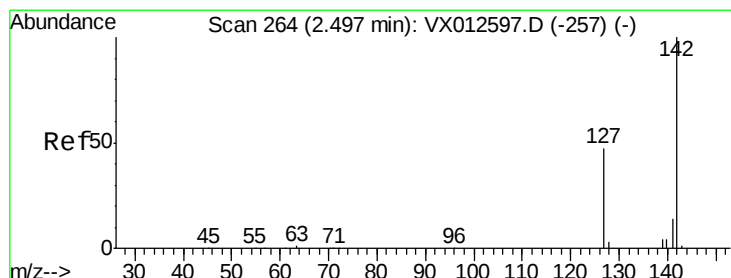
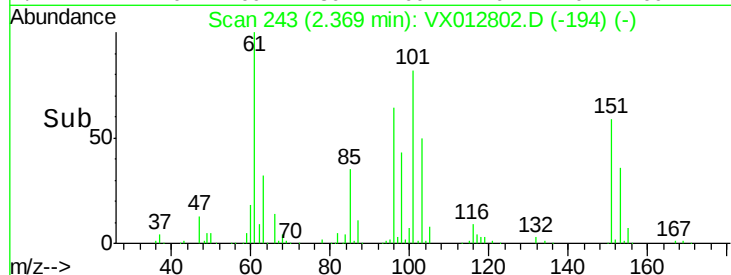
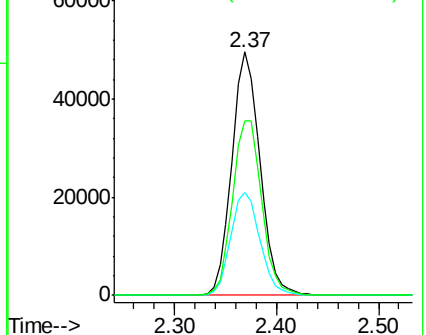
151 74.3 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.500 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

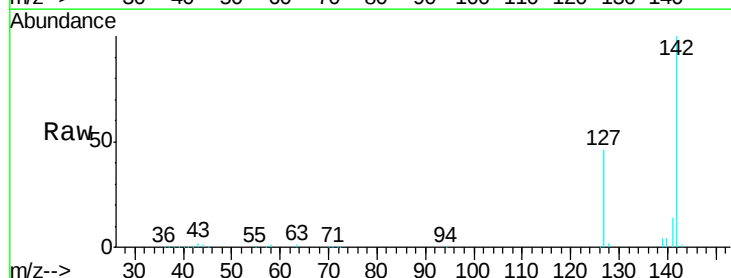
Tgt Ion:142 Resp: 88221

Ion Ratio Lower Upper

142 100

127 45.6 40.8 61.2

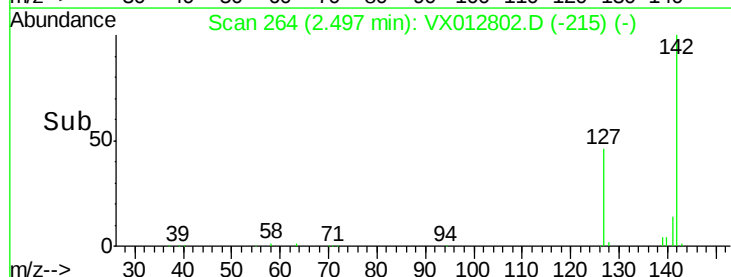
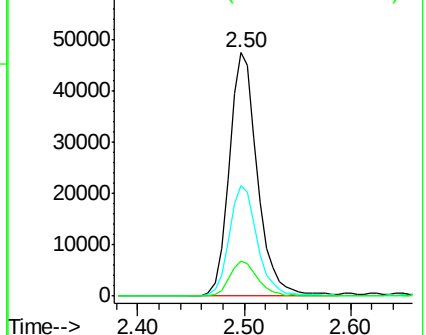
141 14.3 12.1 18.1

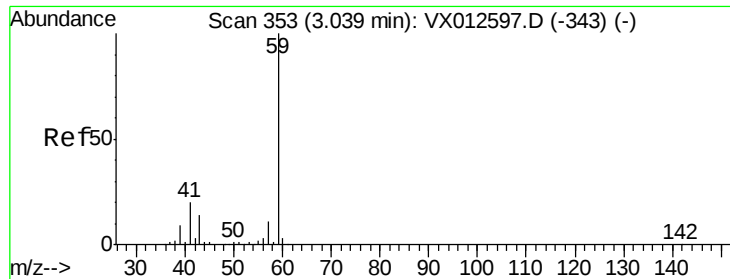


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

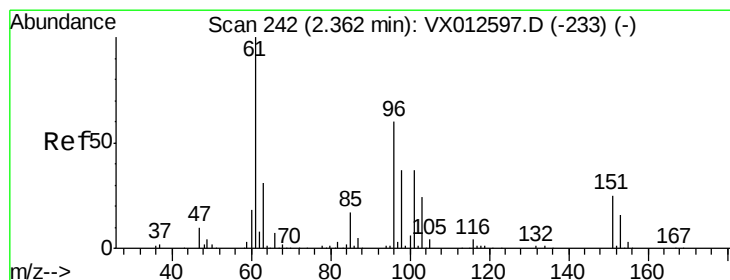
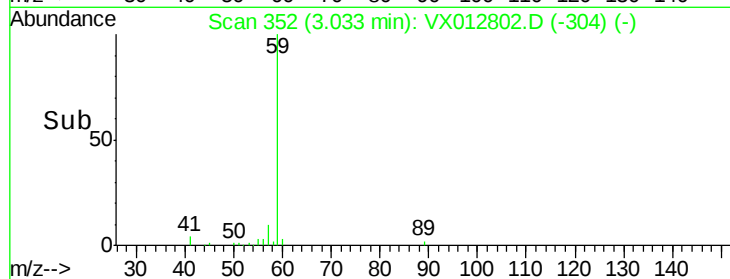
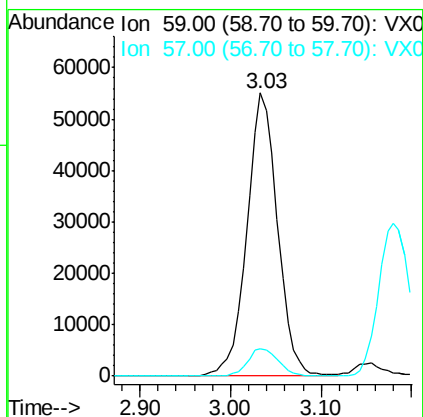
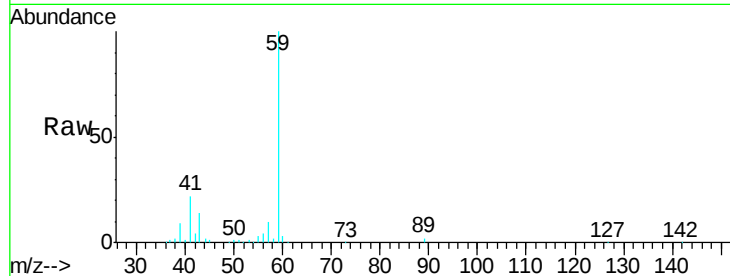




#11
Tert butyl alcohol
Concen: 209.183 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

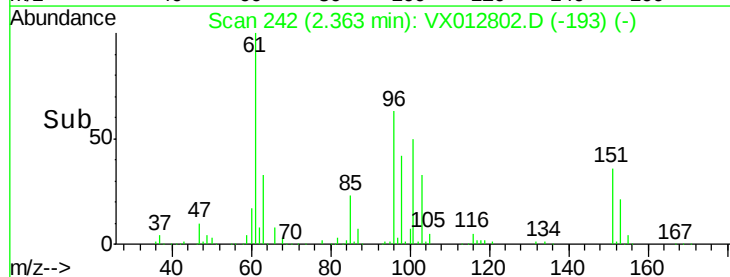
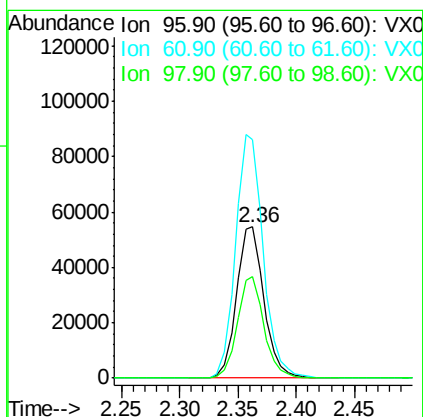
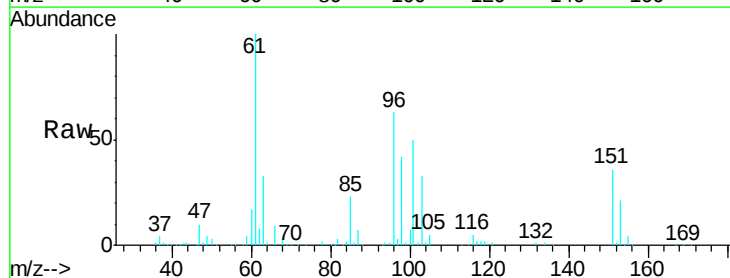
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

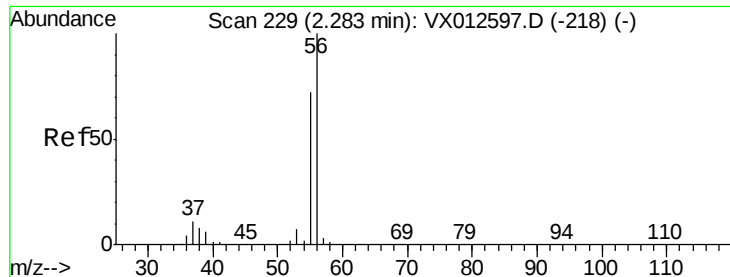
Tgt Ion: 59 Resp: 128951
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.184 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 96 Resp: 89615
Ion Ratio Lower Upper
96 100
61 157.9 133.8 200.6
98 67.0 49.9 74.9





#13

Acrolein

Concen: 230.925 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

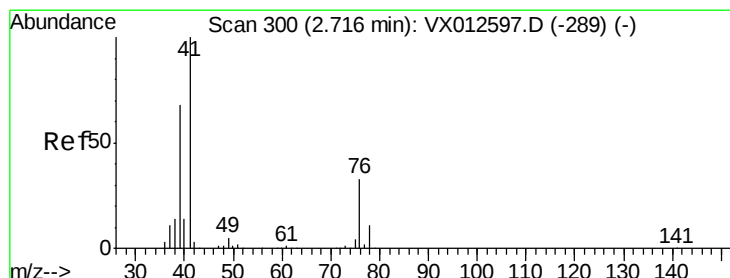
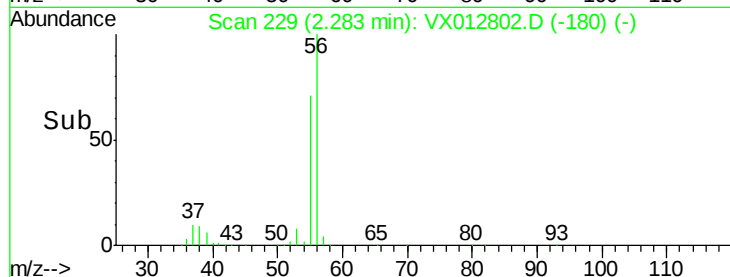
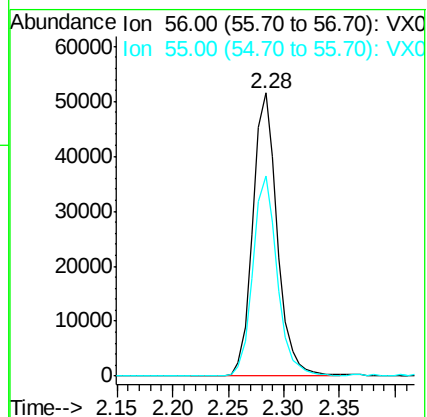
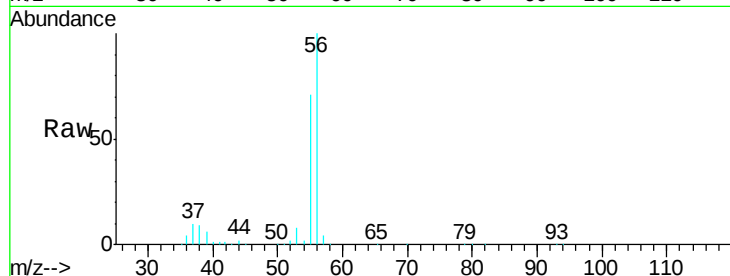
VSTDCCC050

Tgt Ion: 56 Resp: 79020

Ion Ratio Lower Upper

56 100

55 70.4 55.8 83.8



#14

Allyl chloride

Concen: 44.898 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

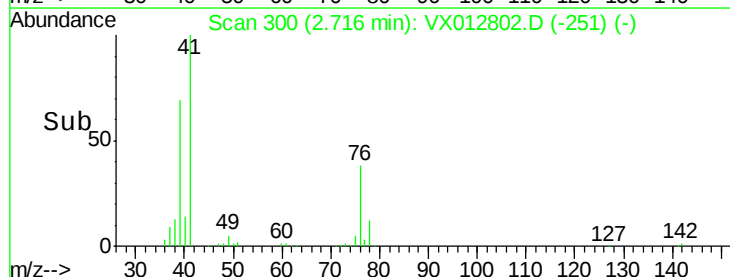
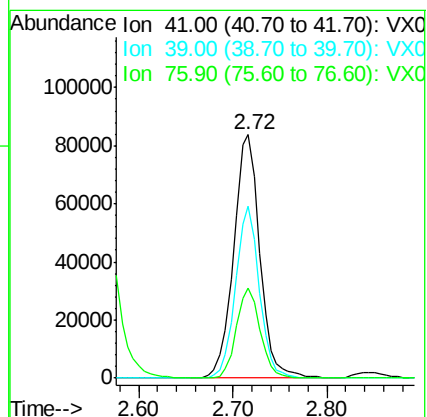
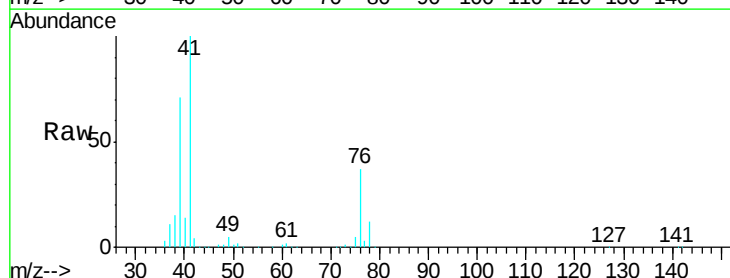
Tgt Ion: 41 Resp: 162304

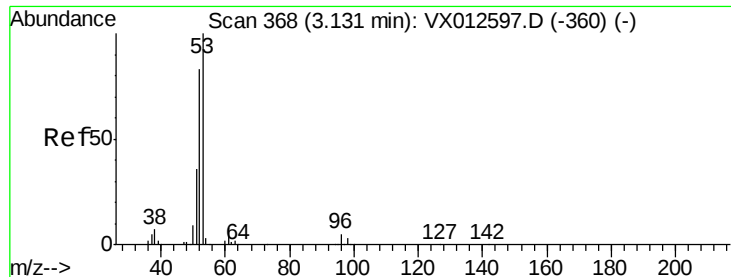
Ion Ratio Lower Upper

41 100

39 64.2 51.3 76.9

76 33.6 22.6 33.8





#15

Acrylonitrile

Concen: 226.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

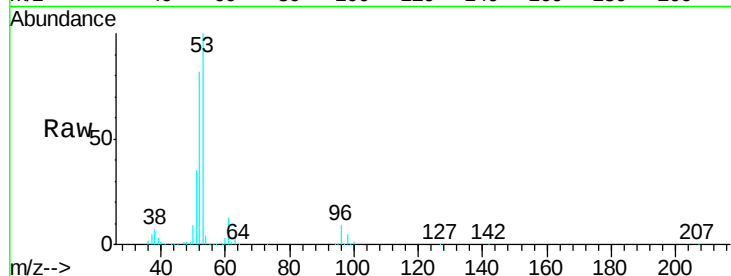
Tgt Ion: 53 Resp: 283754

Ion Ratio Lower Upper

53 100

52 82.0 67.0 100.4

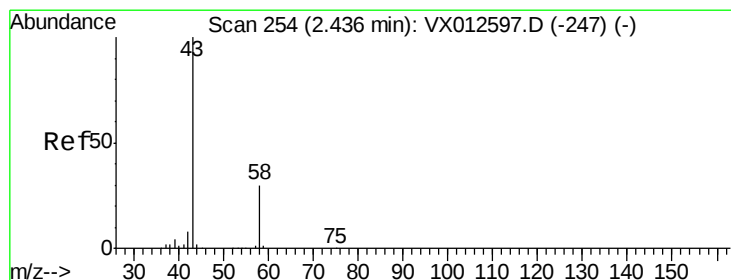
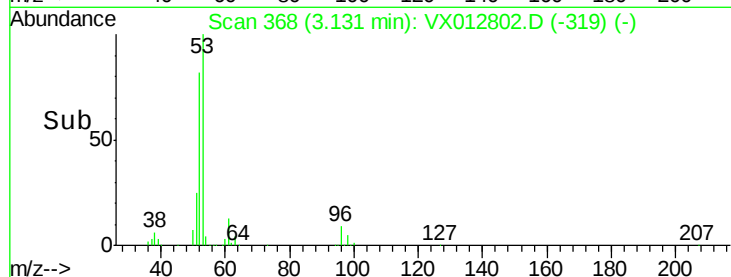
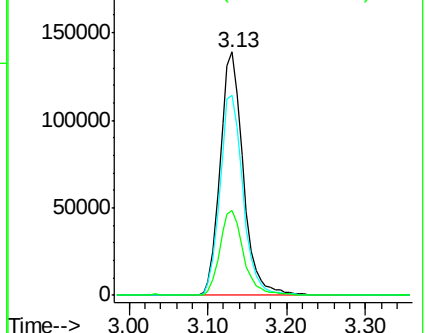
51 35.9 29.6 44.4



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: 238.383 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012802.D

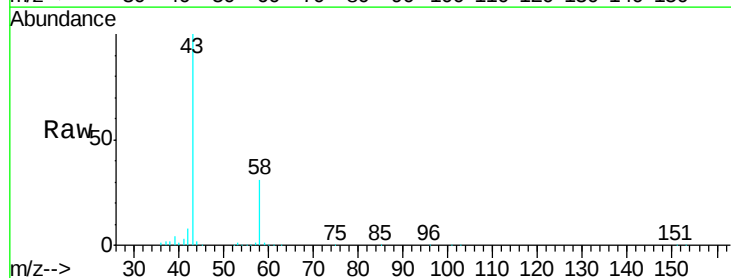
Acq: 04 Oct 2019 11:06

Tgt Ion: 43 Resp: 311590

Ion Ratio Lower Upper

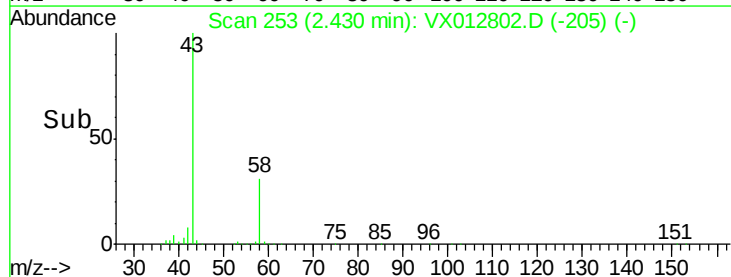
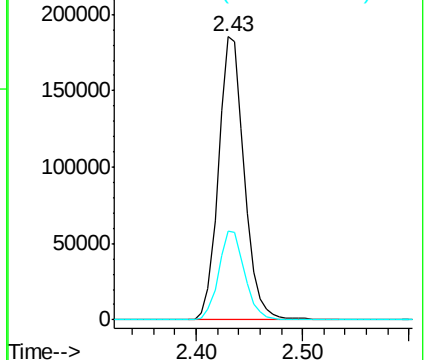
43 100

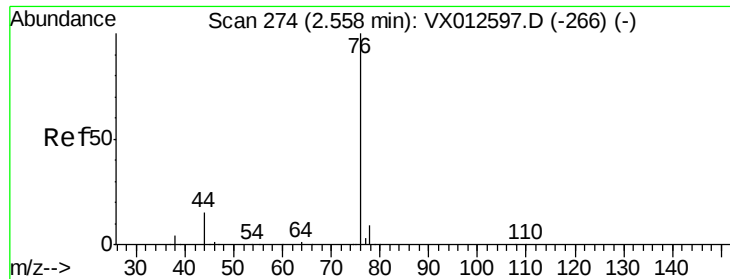
58 31.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

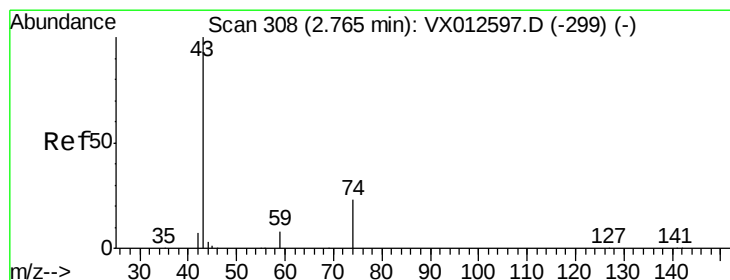
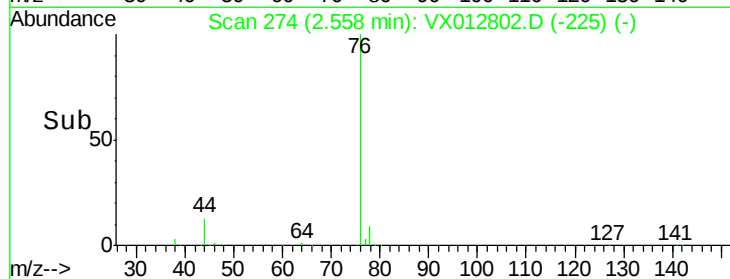
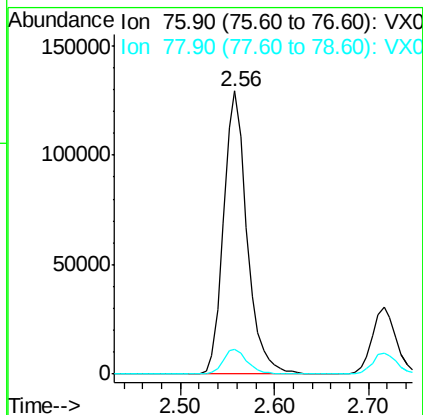
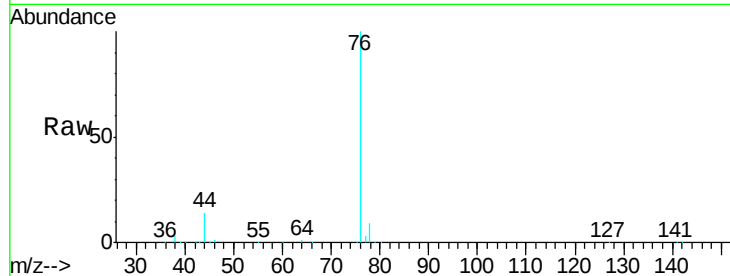




#17
 Carbon Disulfide
 Concen: 43.560 ug/l
 RT: 2.56 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

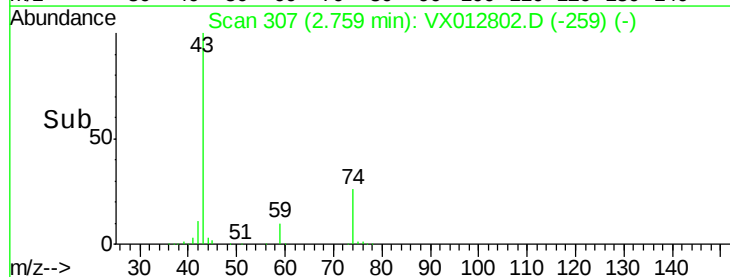
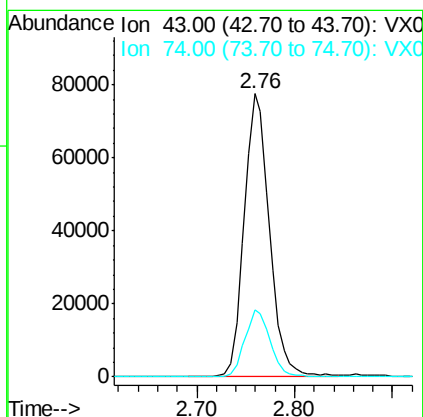
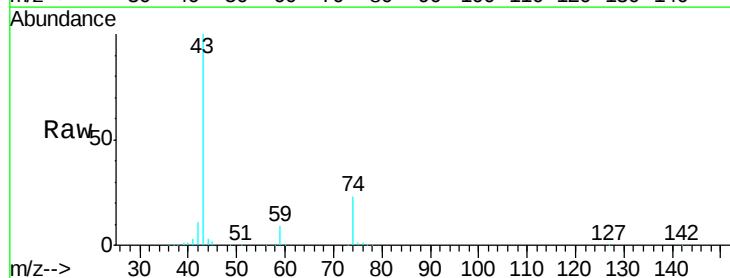
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

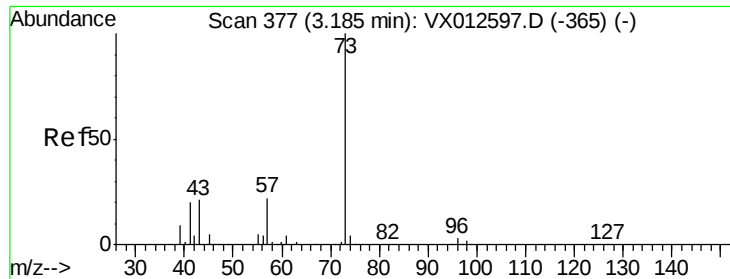
Tgt Ion: 76 Resp: 222502
 Ion Ratio Lower Upper
 76 100
 78 8.8 7.3 10.9



#18
 Methyl Acetate
 Concen: 45.210 ug/l
 RT: 2.76 min Scan# 307
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 43 Resp: 139147
 Ion Ratio Lower Upper
 43 100
 74 24.1 17.7 26.5

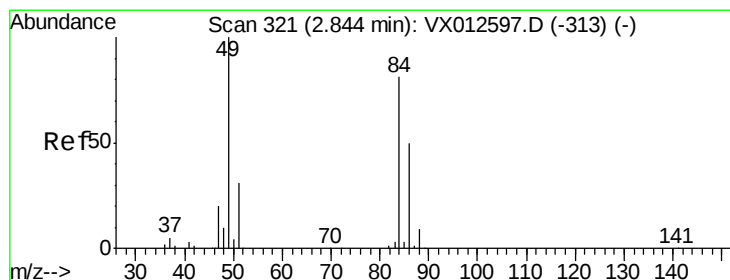
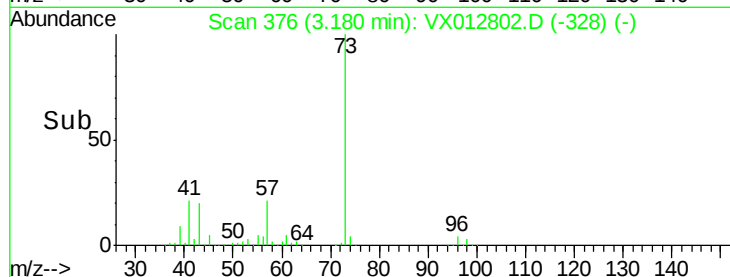
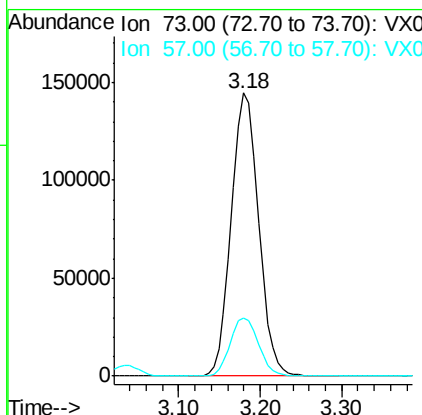
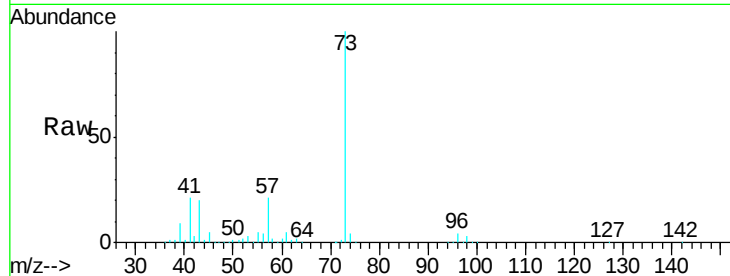




#19
Methyl tert-butyl Ether
Concen: 48.514 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

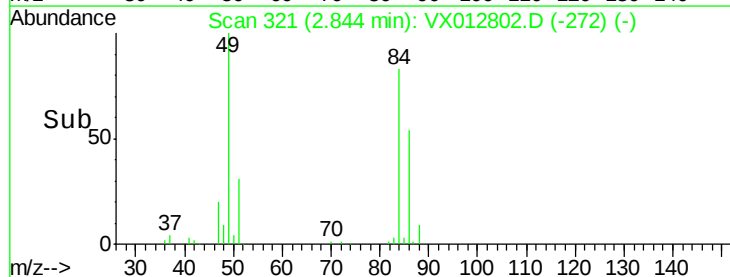
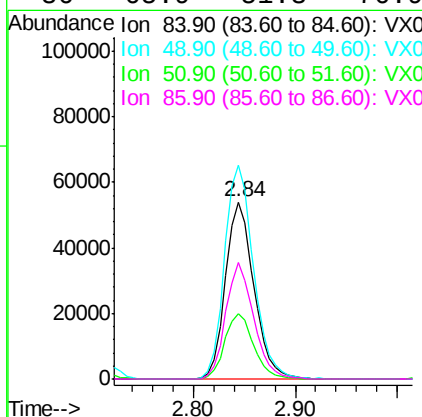
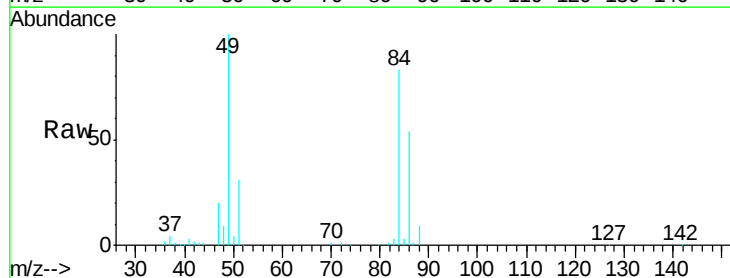
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

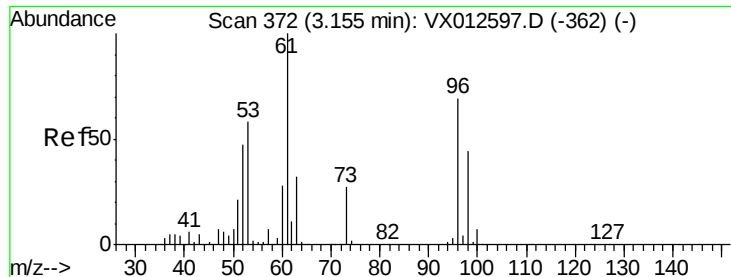
Tgt Ion: 73 Resp: 334576
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 47.270 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 84 Resp: 104503
Ion Ratio Lower Upper
84 100
49 120.9 106.8 160.2
51 37.1 32.3 48.5
86 65.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.894 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

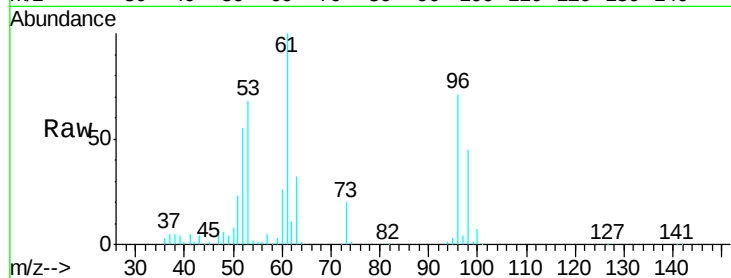
Tgt Ion: 96 Resp: 98695

Ion Ratio Lower Upper

96 100

61 140.5 112.0 168.0

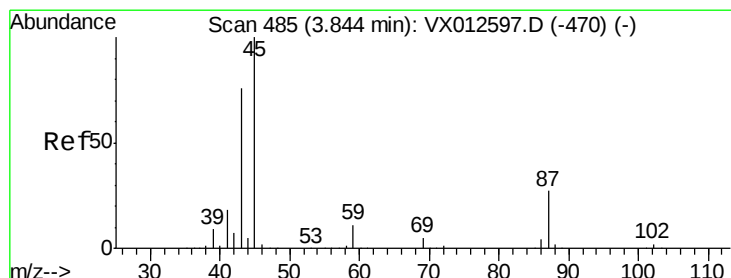
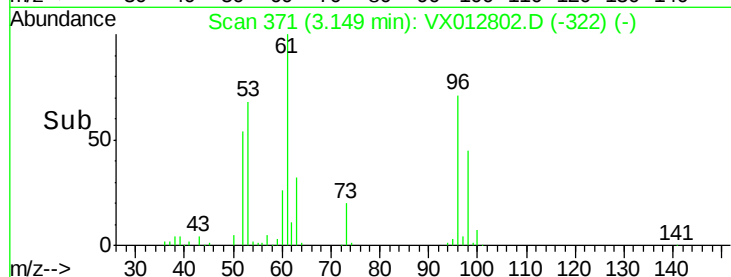
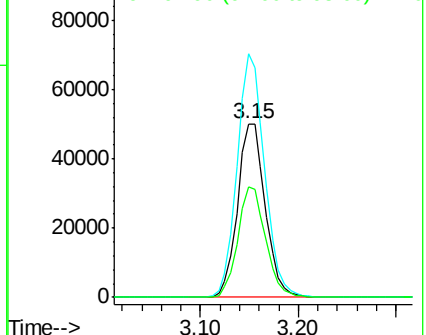
98 63.4 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.099 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion: 45 Resp: 328986

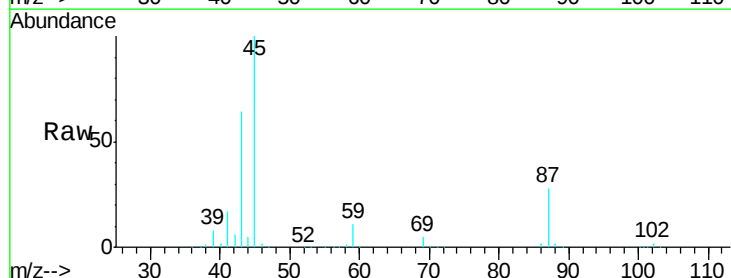
Ion Ratio Lower Upper

45 100

43 63.9 57.8 86.8

87 27.9 21.3 31.9

59 11.4 8.5 12.7

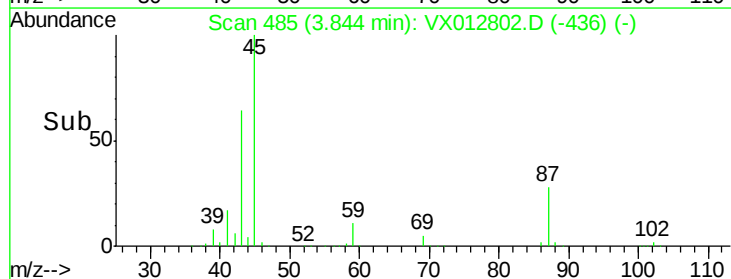
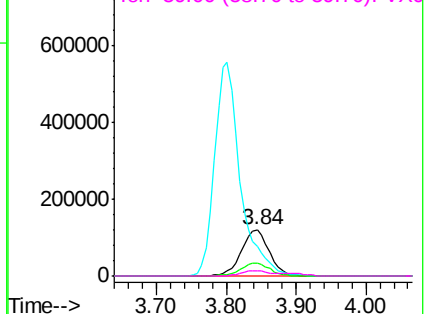


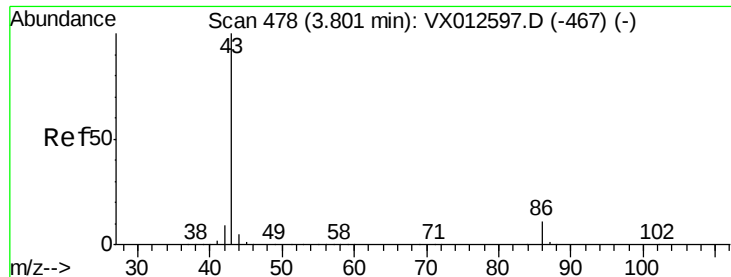
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 231.688 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

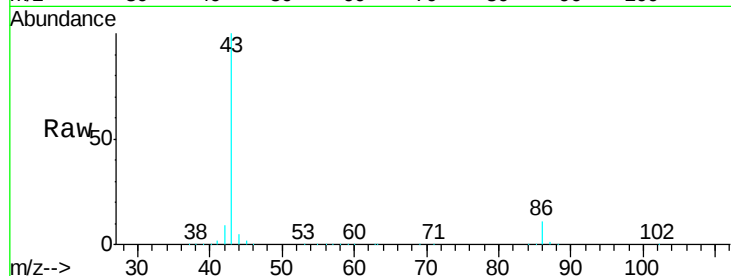
VSTDCCC050

Tgt Ion: 43 Resp: 1419205

Ion Ratio Lower Upper

43 100

86 11.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

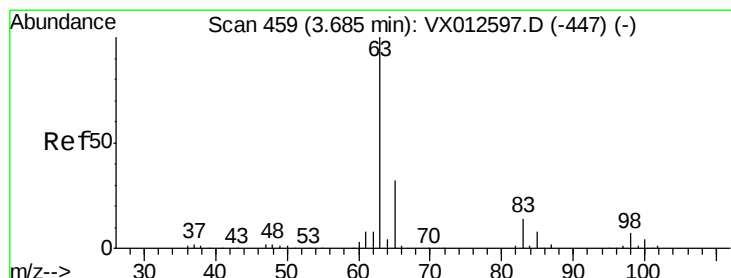
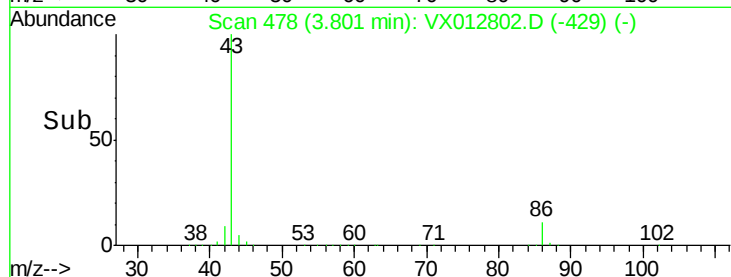
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.831 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

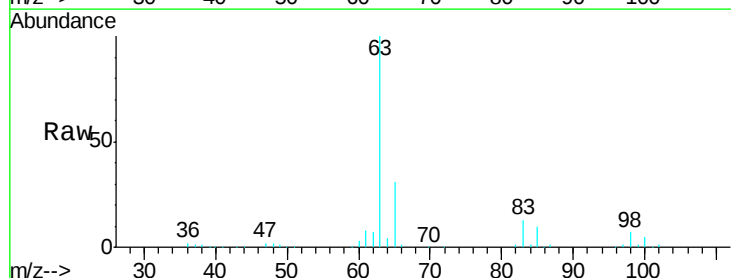
Tgt Ion: 63 Resp: 181607

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 5.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

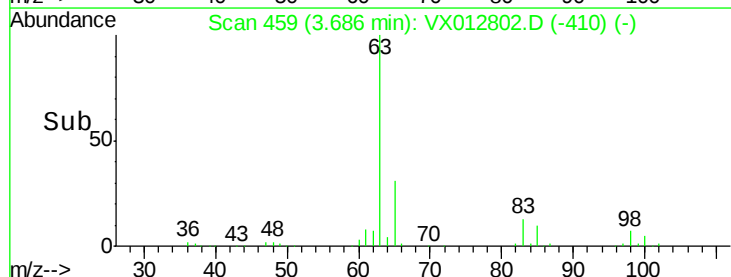
60000

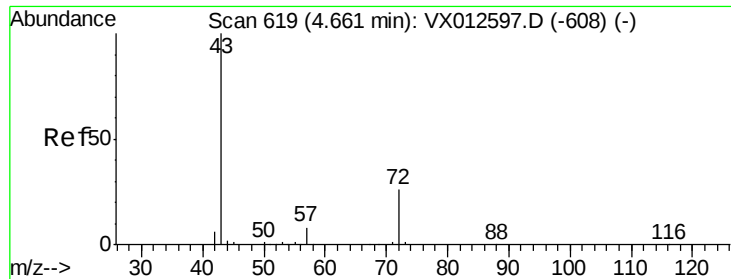
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 220.494 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

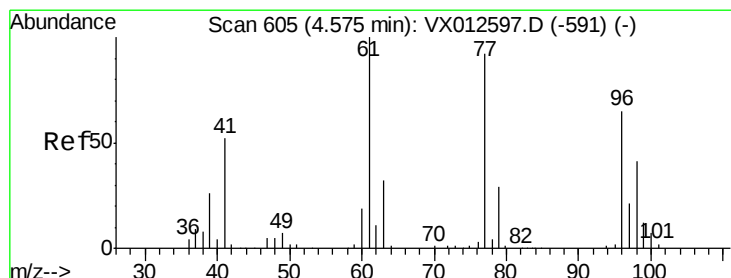
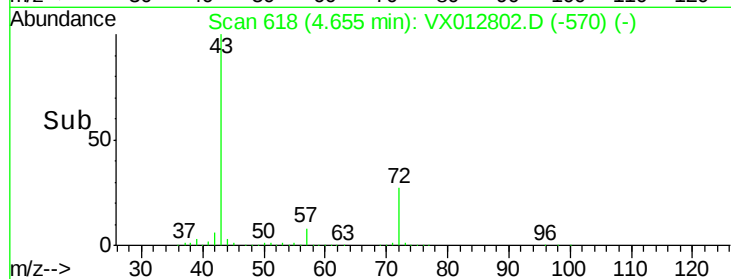
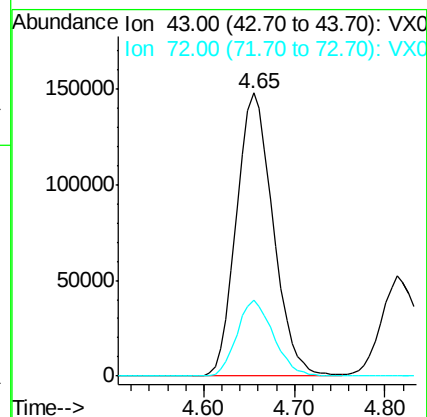
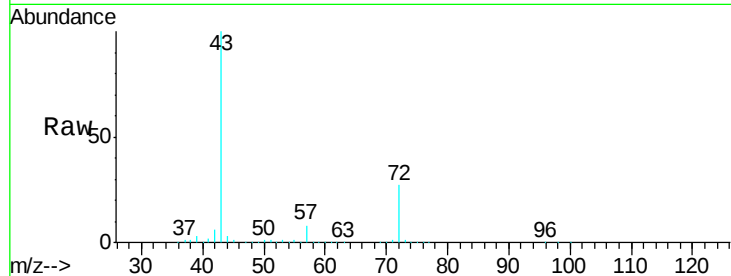
VSTDCCC050

Tgt Ion: 43 Resp: 413246

Ion Ratio Lower Upper

43 100

72 26.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 48.044 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012802.D

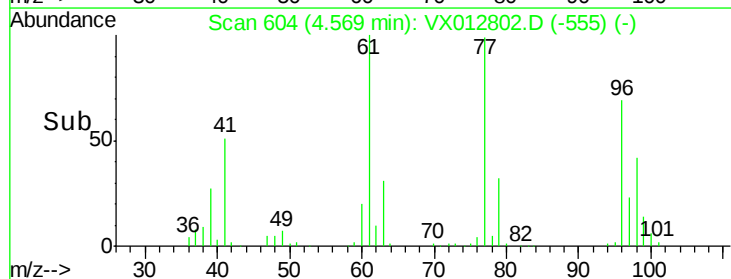
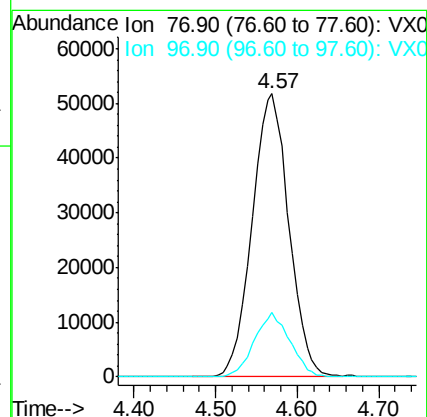
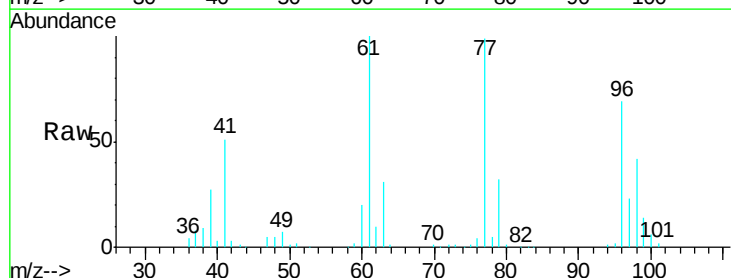
Acq: 04 Oct 2019 11:06

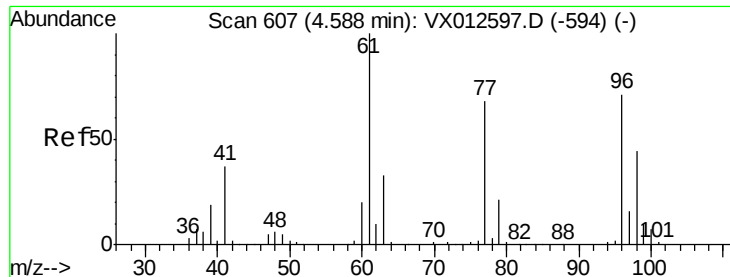
Tgt Ion: 77 Resp: 162242

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6



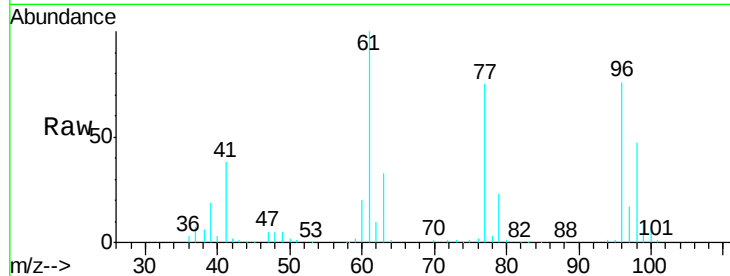


#27

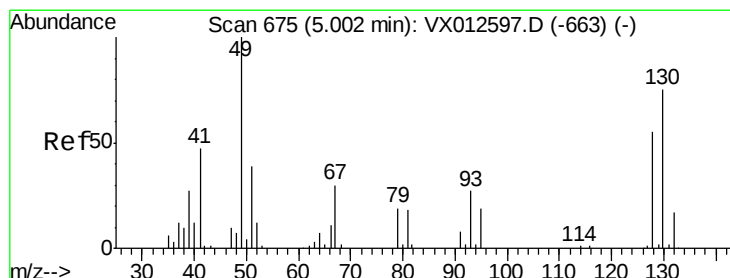
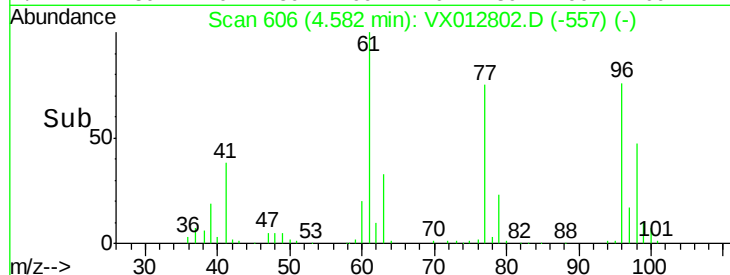
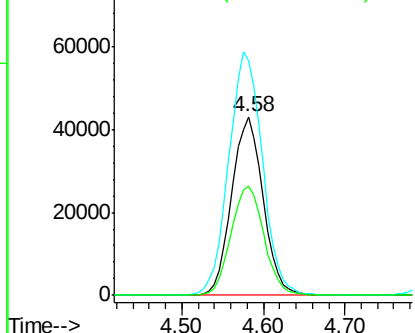
cis-1,2-Dichloroethene
Concen: 49.063 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 114914
Ion Ratio Lower Upper
96 100
61 145.9 0.0 319.4
98 64.1 0.0 130.6



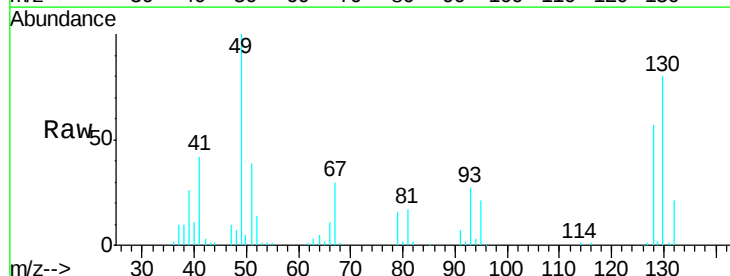
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



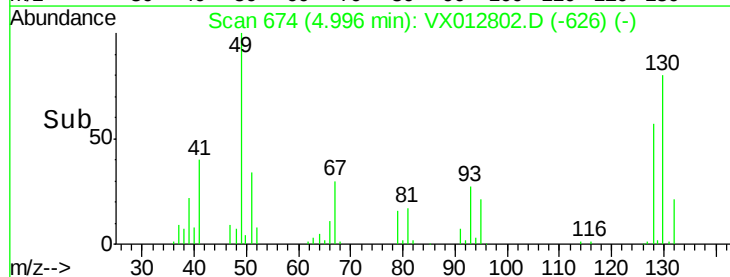
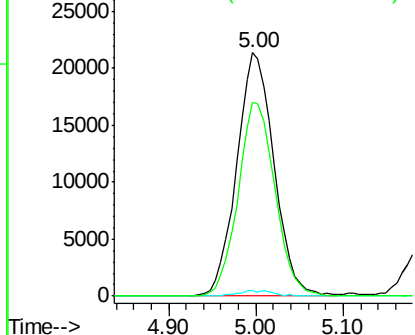
#28

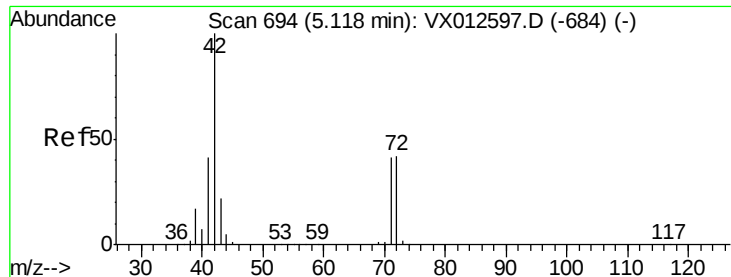
Bromochloromethane
Concen: 46.146 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 49 Resp: 63618
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.5 58.2 87.4



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

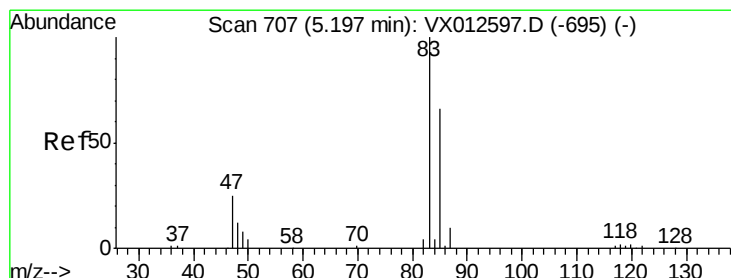
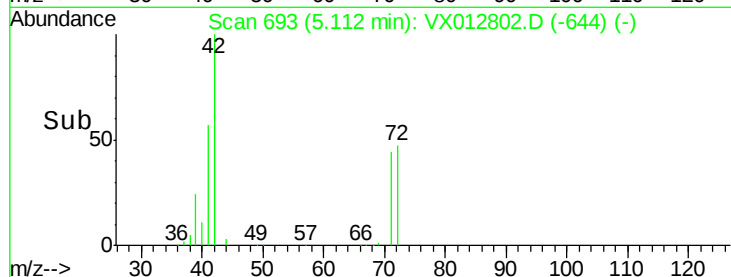
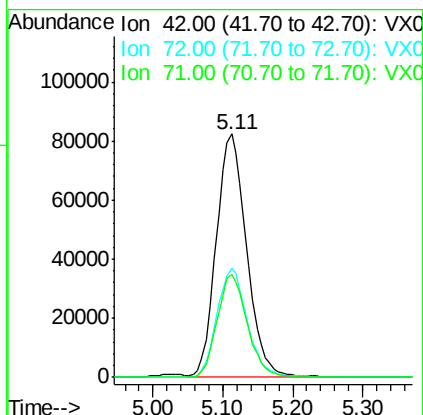
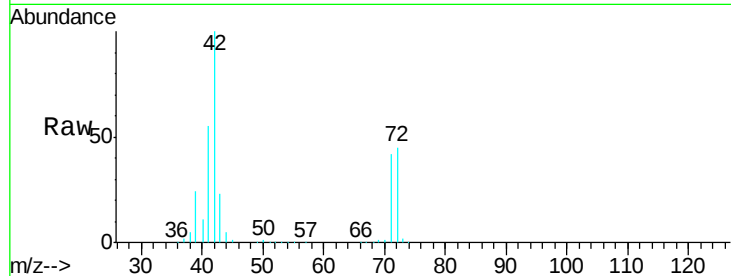




#29
Tetrahydrofuran
Concen: 216.479 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

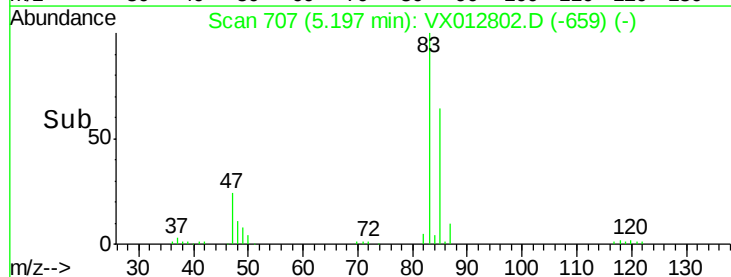
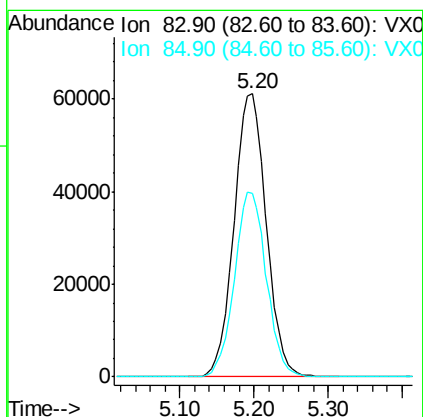
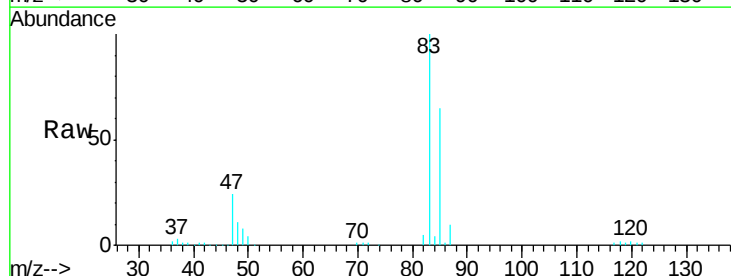
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

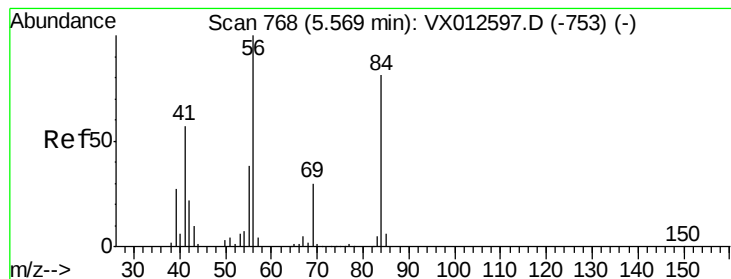
Tgt Ion: 42 Resp: 247289
Ion Ratio Lower Upper
42 100
72 45.2 34.0 51.0
71 41.7 31.5 47.3



#30
Chloroform
Concen: 47.779 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 83 Resp: 185596
Ion Ratio Lower Upper
83 100
85 64.7 53.0 79.4





#31

Cyclohexane

Concen: 47.274 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

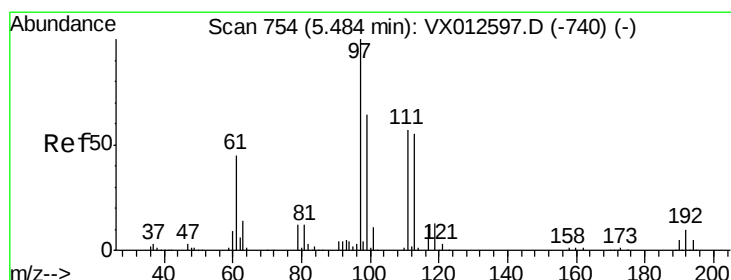
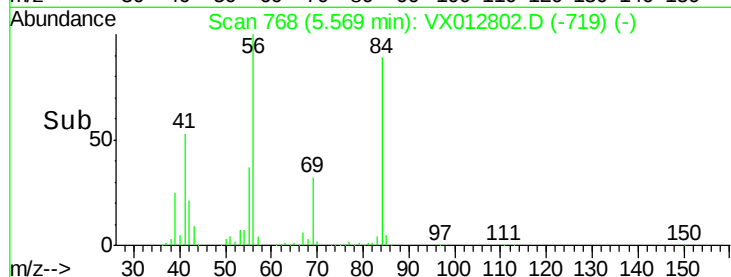
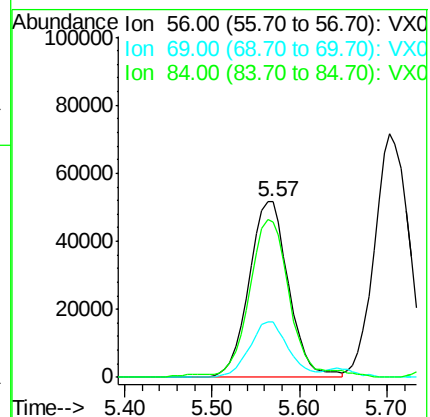
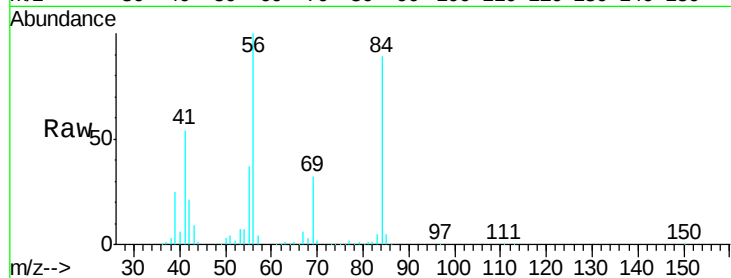
Tgt Ion: 56 Resp: 162383

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 87.2 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 47.752 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

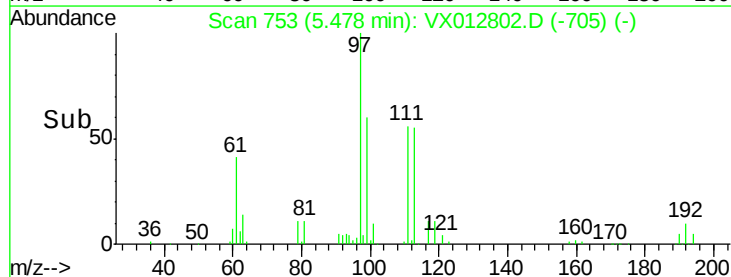
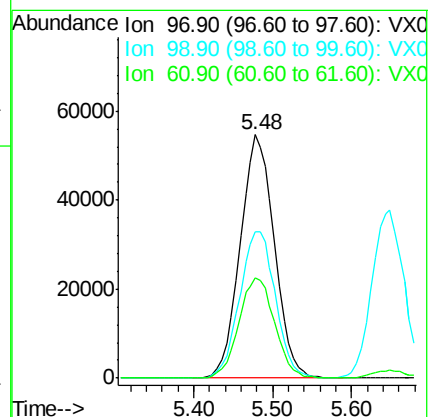
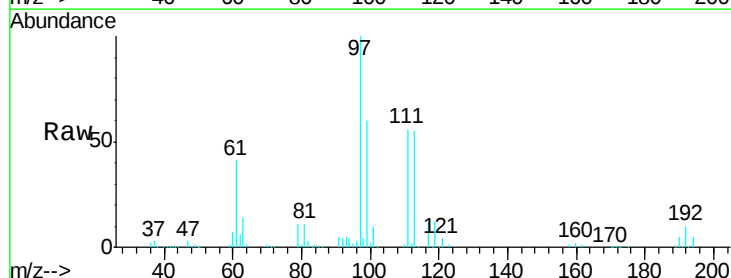
Tgt Ion: 97 Resp: 164399

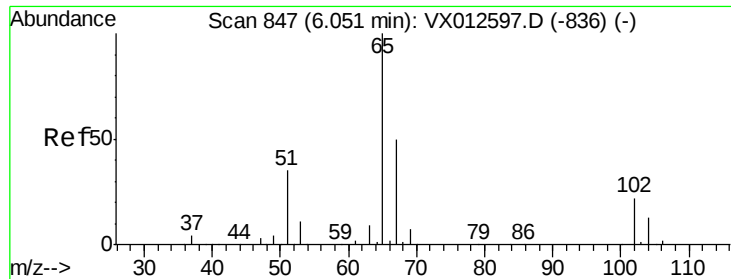
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 43.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.129 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

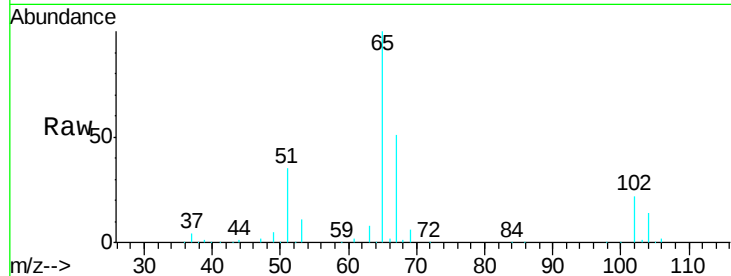
VSTDCCC050

Tgt Ion: 65 Resp: 113834

Ion Ratio Lower Upper

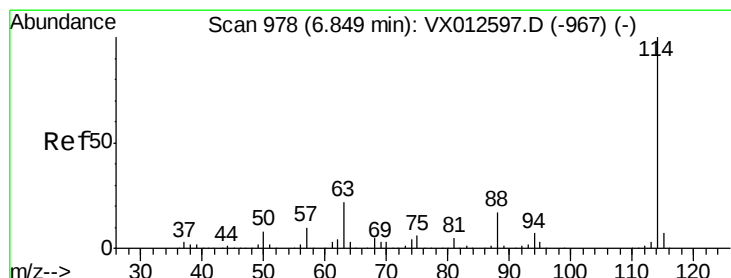
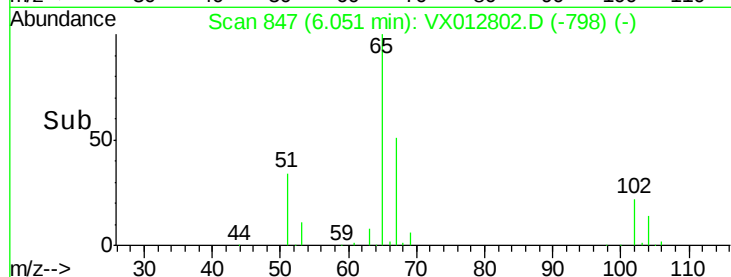
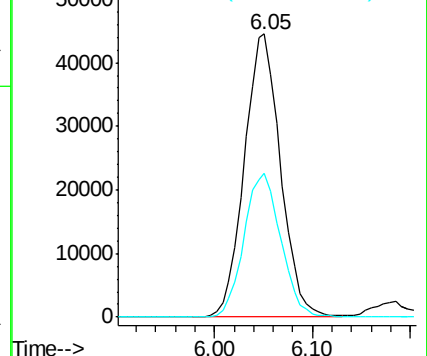
65 100

67 51.7 0.0 101.2



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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

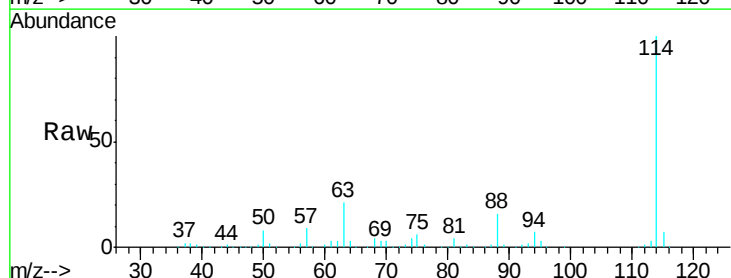
Tgt Ion: 114 Resp: 281052

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

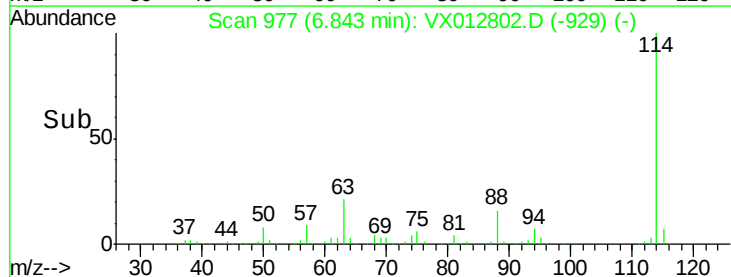
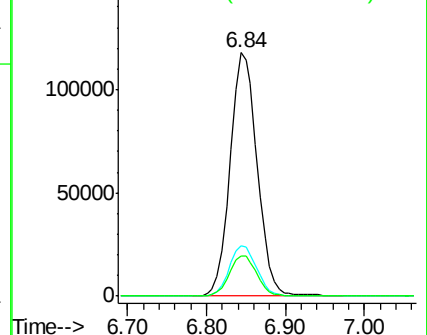
88 16.3 0.0 33.2

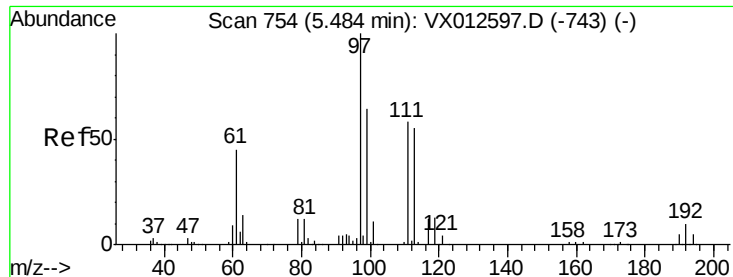


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

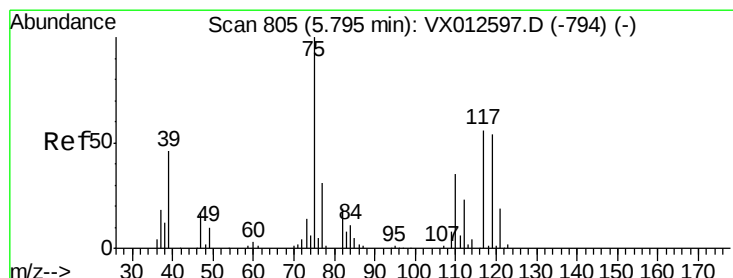
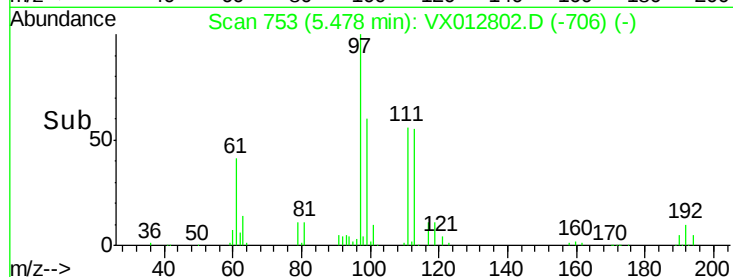
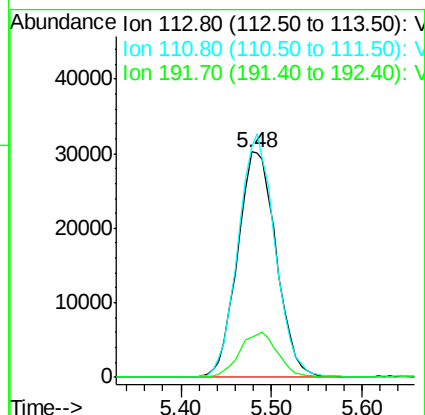
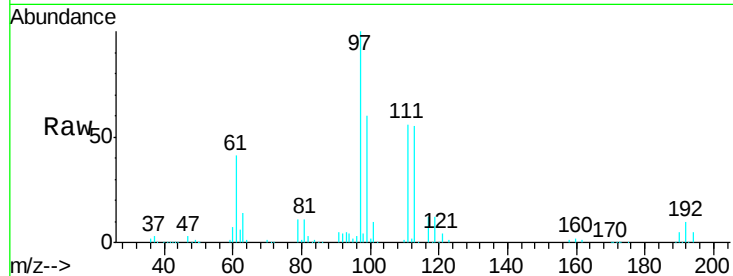




#35
 Dibromofluoromethane
 Concen: 53.430 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

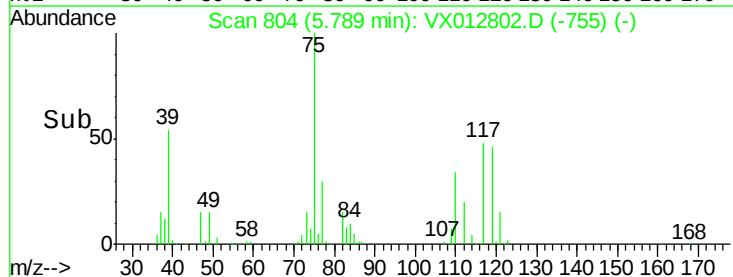
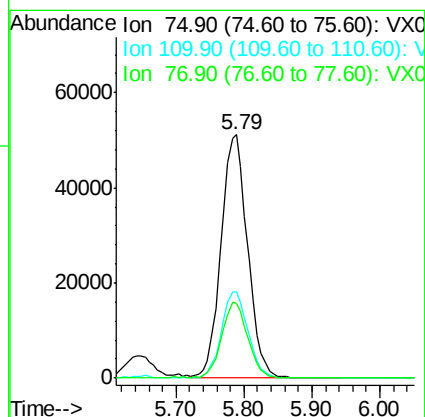
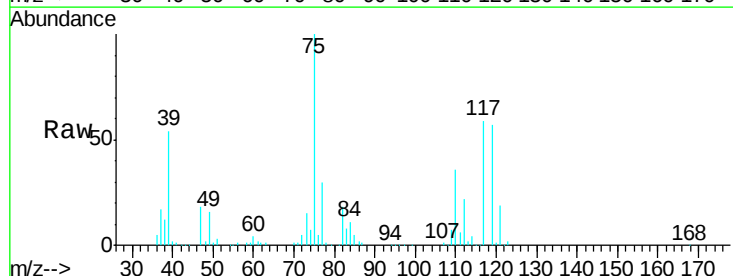
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

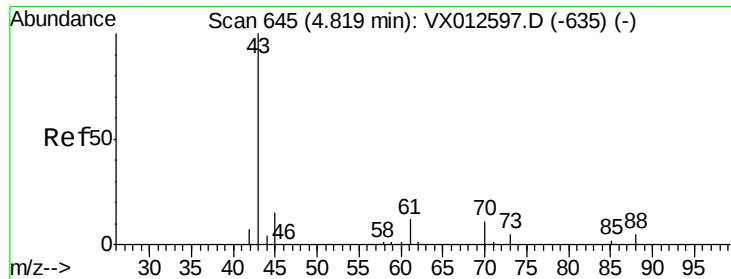
Tgt Ion:113 Resp: 89431
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 19.6 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 51.118 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 75 Resp: 138481
 Ion Ratio Lower Upper
 75 100
 110 35.6 16.7 50.0
 77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 47.427 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

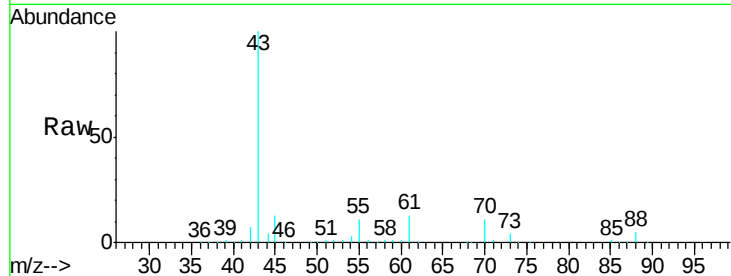
Tgt Ion: 43 Resp: 150208

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.4

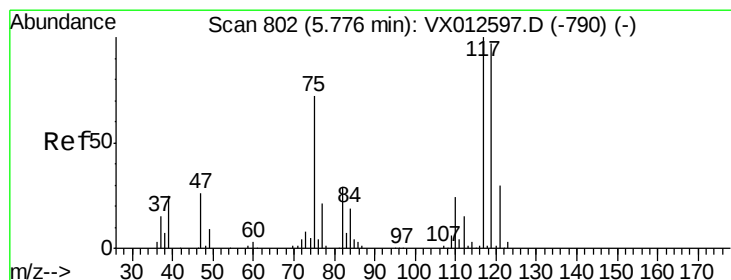
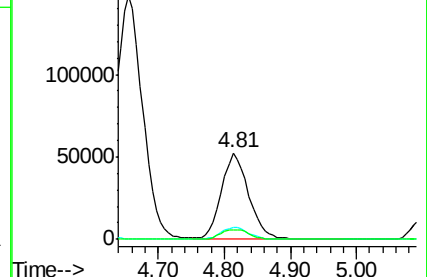
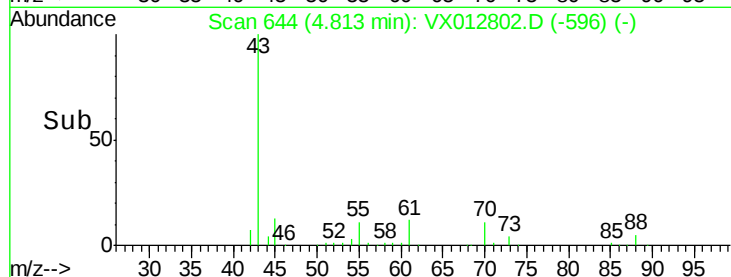
70 11.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012597.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012597.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 50.669 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

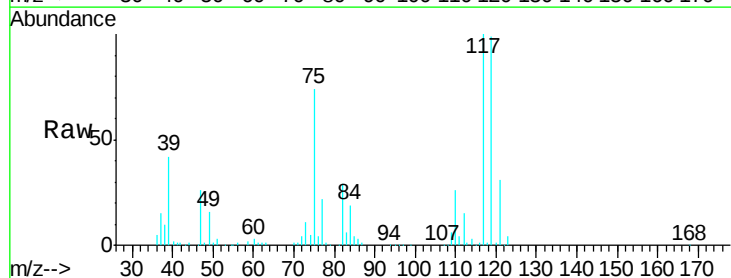
Tgt Ion: 117 Resp: 139437

Ion Ratio Lower Upper

117 100

119 98.3 75.7 113.5

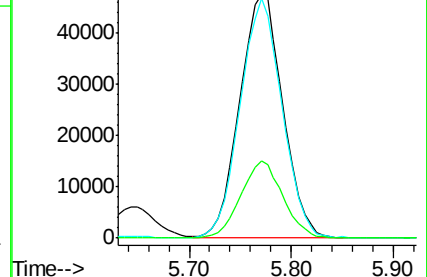
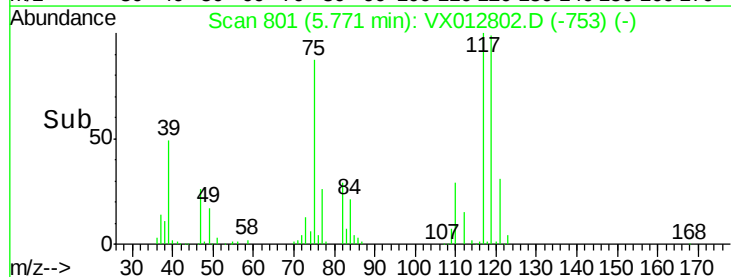
121 31.5 24.2 36.4

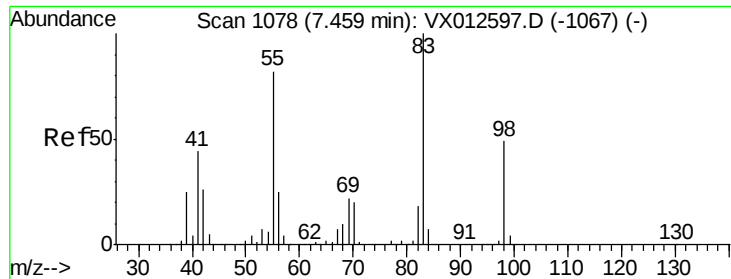


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012597.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012597.D (-790) (-)

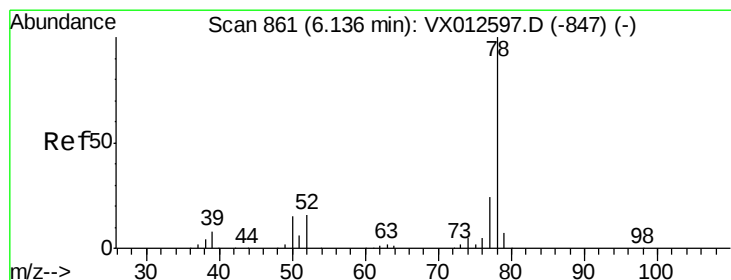
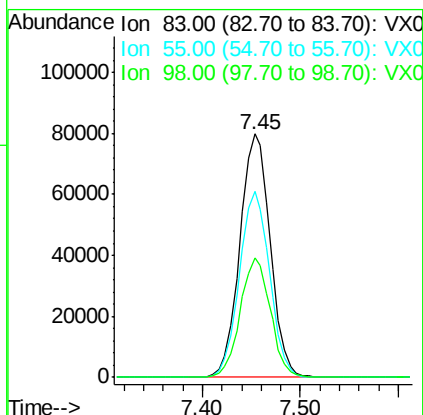
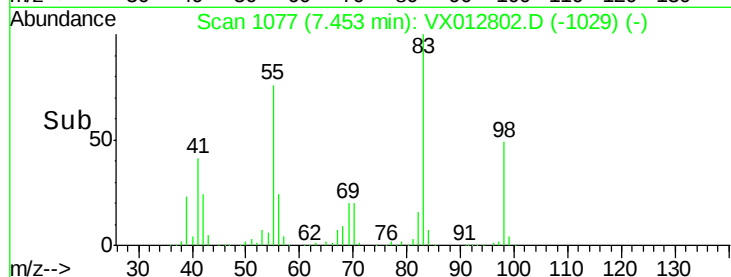
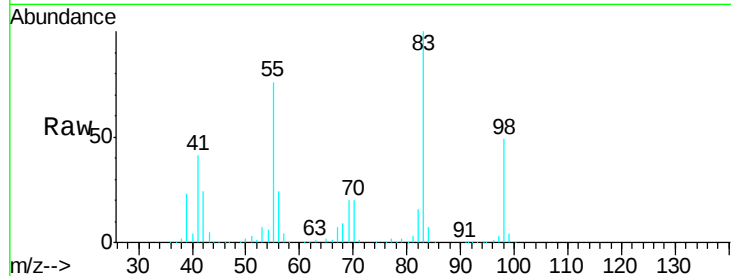




#39
Methylcyclohexane
Concen: 52.610 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

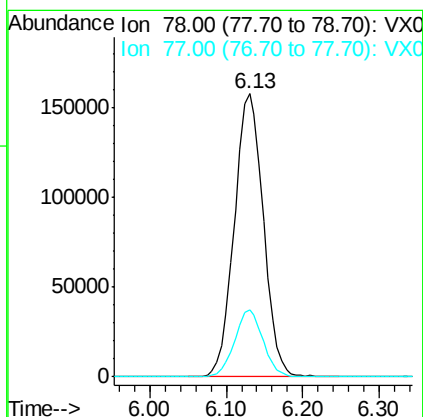
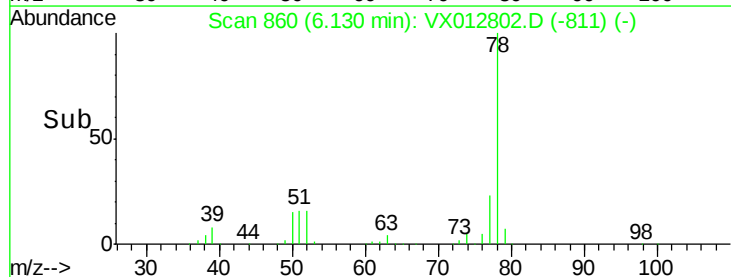
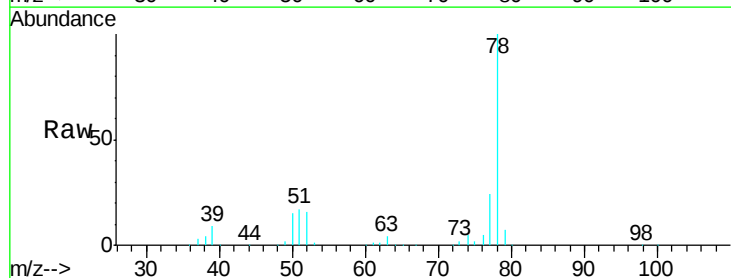
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

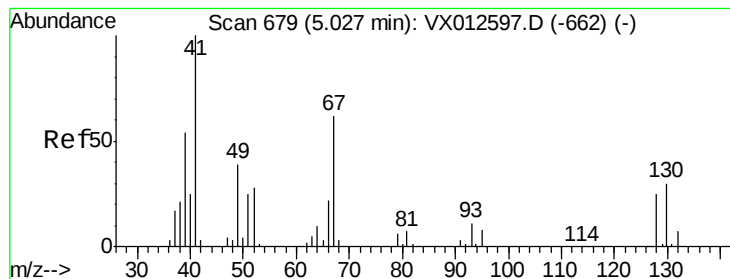
Tgt Ion: 83 Resp: 171579
Ion Ratio Lower Upper
83 100
55 76.3 64.4 96.6
98 49.2 40.1 60.1



#40
Benzene
Concen: 51.906 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 78 Resp: 413729
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 46.347 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 82359

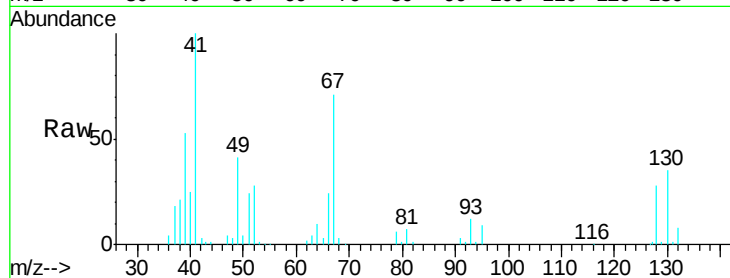
Ion Ratio Lower Upper

41 100

39 55.8 46.0 69.0

67 73.5 52.2 78.2

52 30.3 22.7 34.1

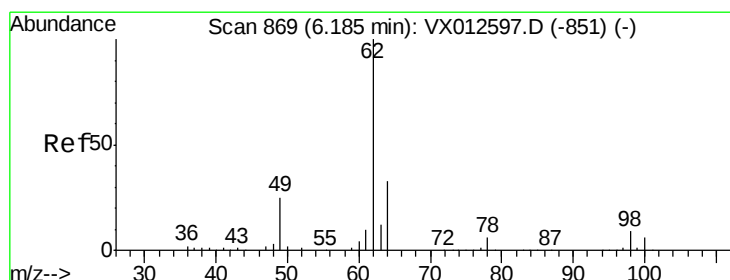
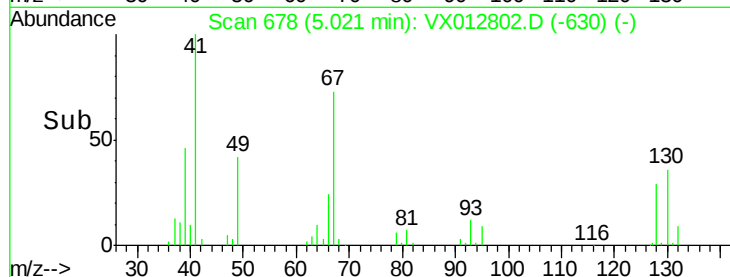
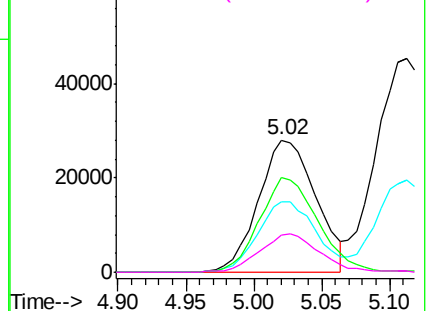


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.292 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012802.D

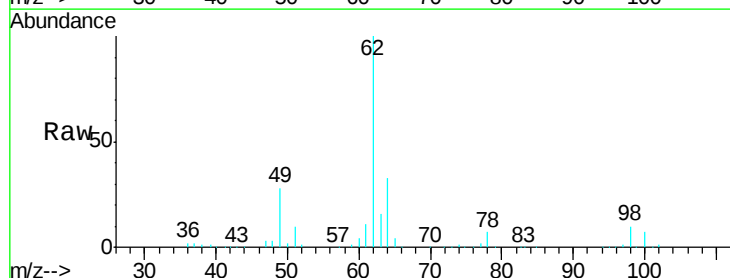
Acq: 04 Oct 2019 11:06

Tgt Ion: 62 Resp: 152226

Ion Ratio Lower Upper

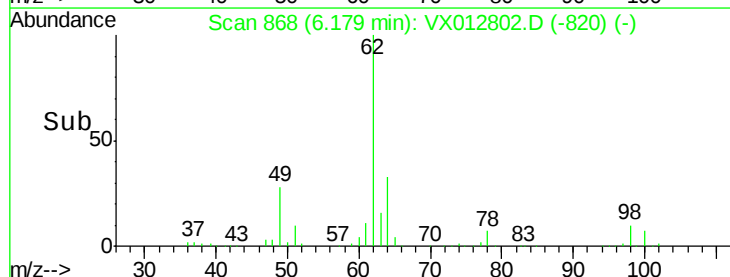
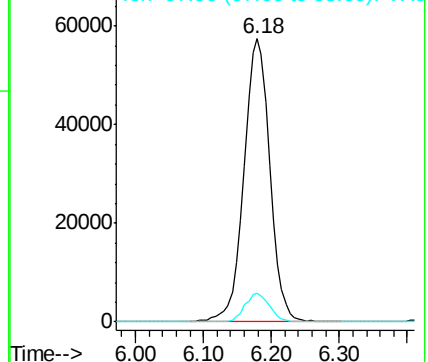
62 100

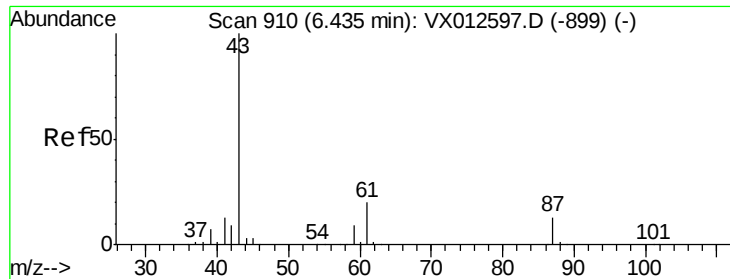
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



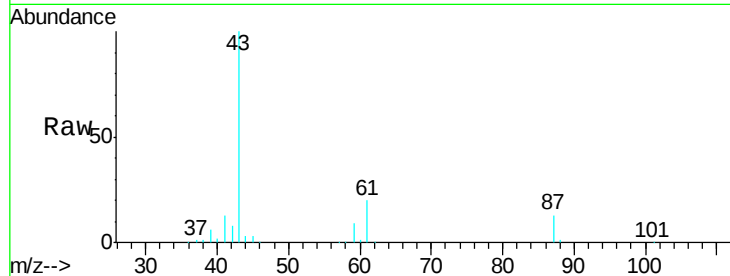


#43

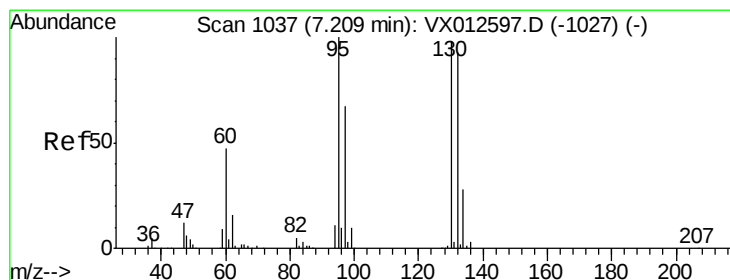
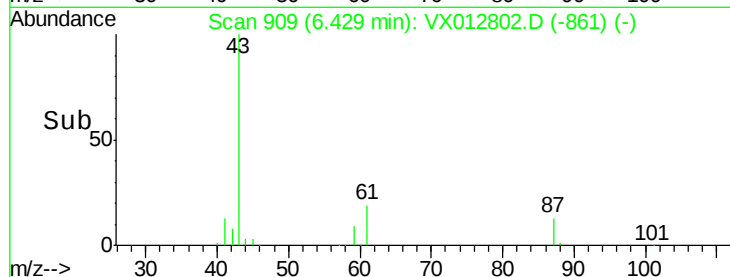
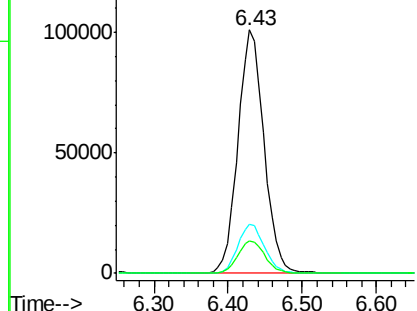
Isopropyl Acetate
 Concen: 46.953 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 248682
 Ion Ratio Lower Upper
 43 100
 61 20.6 15.4 23.0
 87 13.8 9.8 14.8



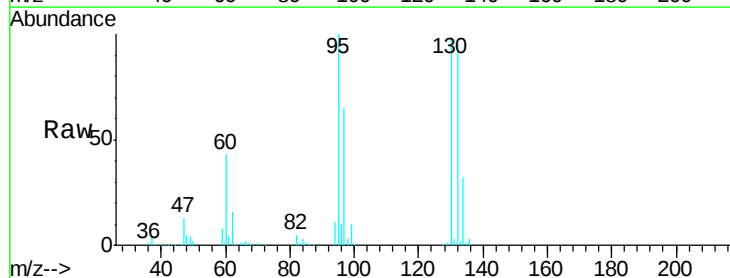
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



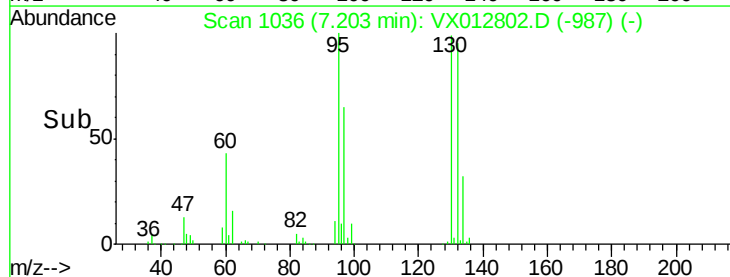
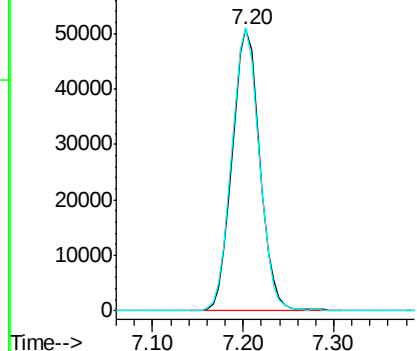
#44

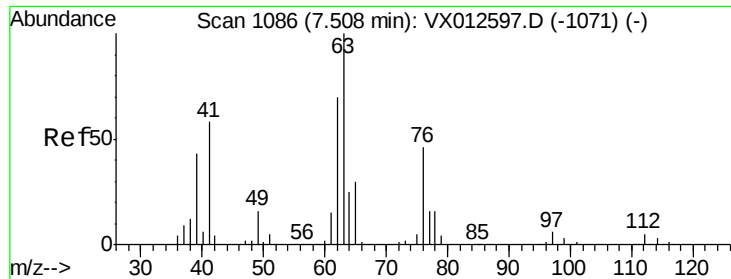
Trichloroethene
 Concen: 52.932 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 130 Resp: 107858
 Ion Ratio Lower Upper
 130 100
 95 100.5 0.0 193.0



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

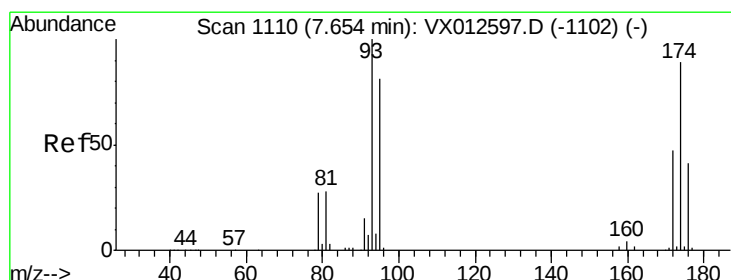
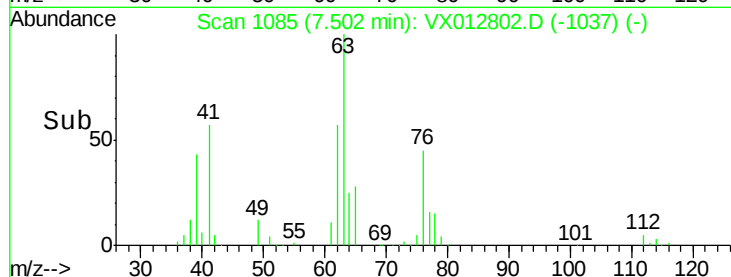
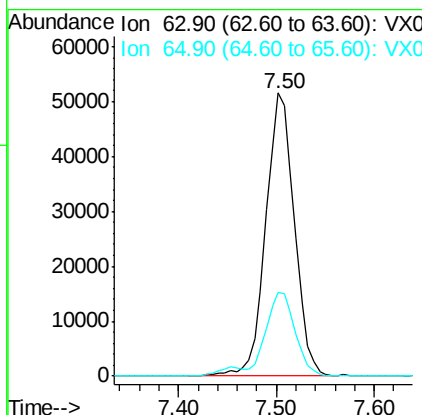
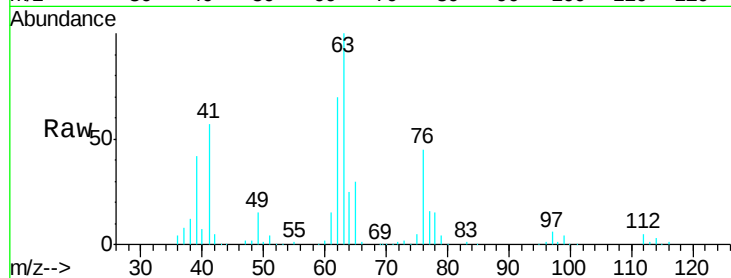




#45
 1,2-Dichloropropane
 Concen: 51.915 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

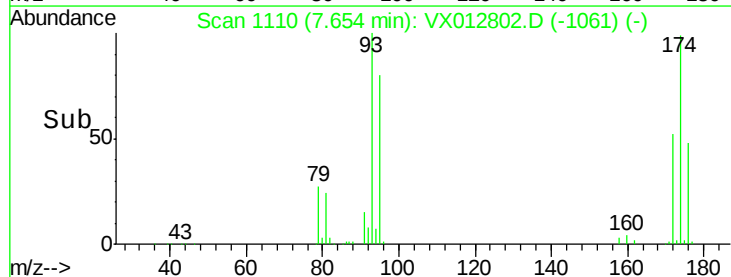
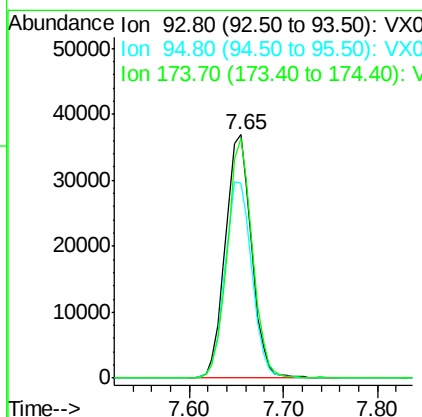
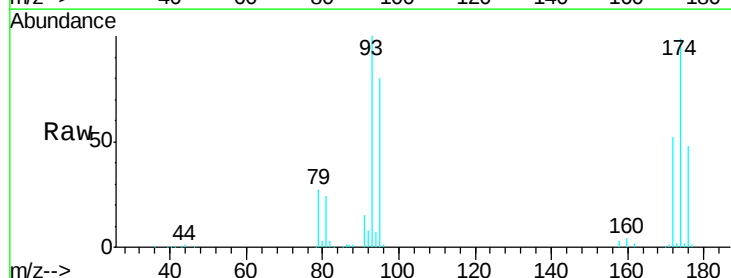
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

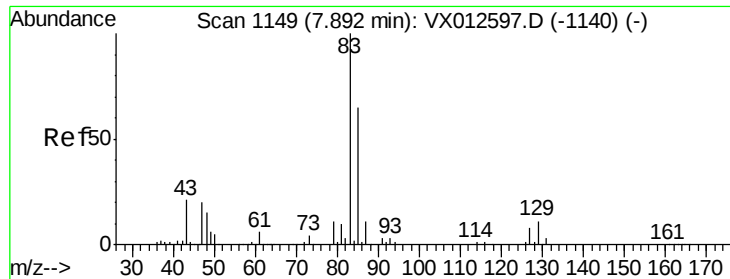
Tgt Ion: 63 Resp: 105942
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 51.346 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 93 Resp: 71341
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 94.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.373 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

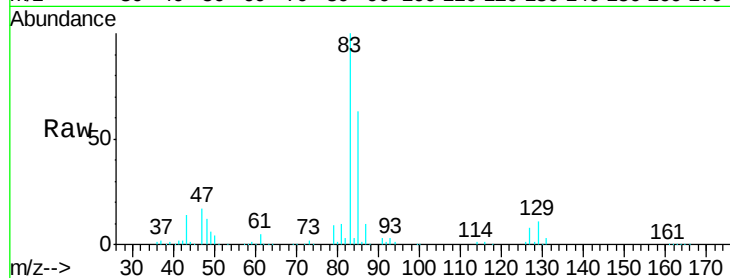
Tgt Ion: 83 Resp: 145436

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.6

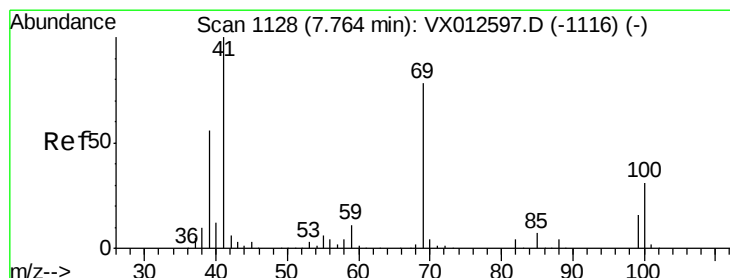
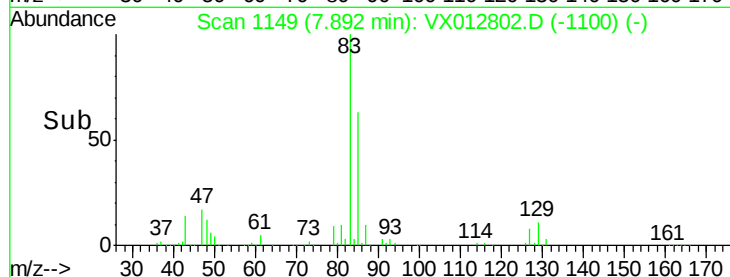
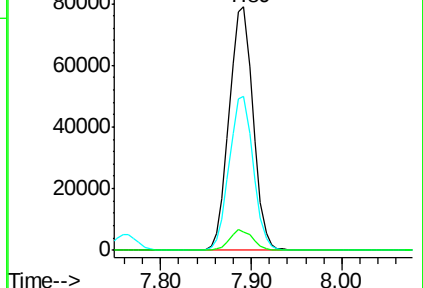
127 7.7 7.3 10.9



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: 46.958 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

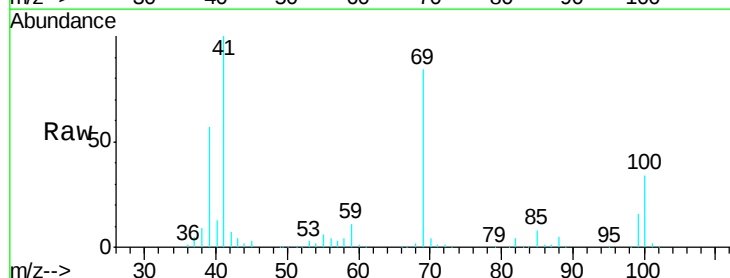
Tgt Ion: 41 Resp: 119256

Ion Ratio Lower Upper

41 100

69 85.3 59.9 89.9

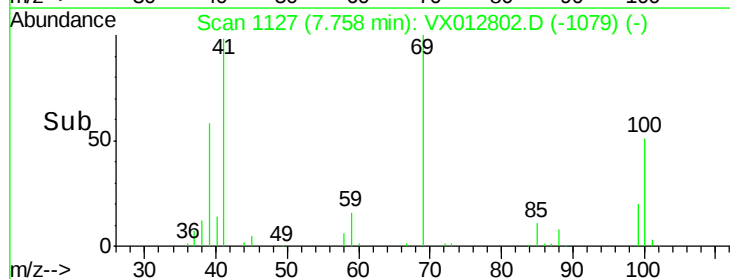
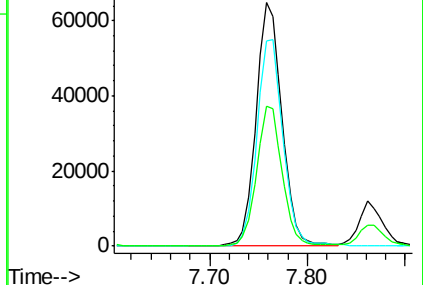
39 56.9 47.8 71.6

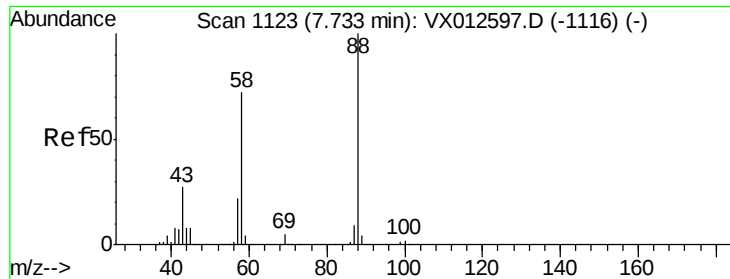


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

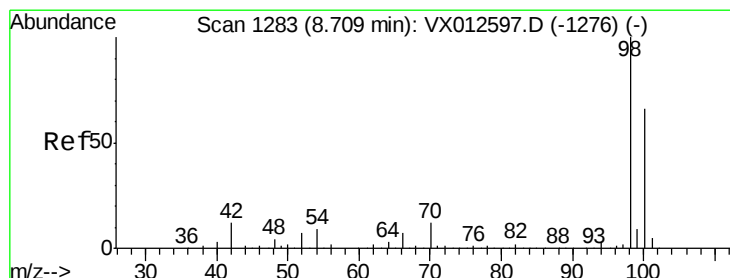
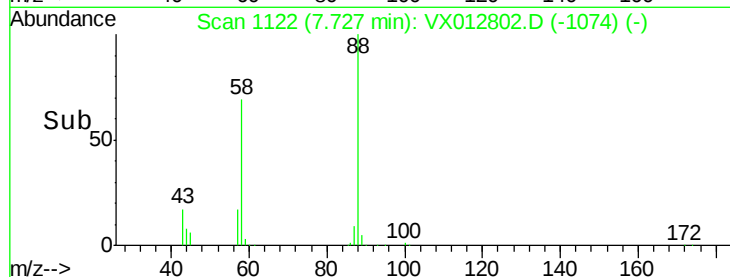
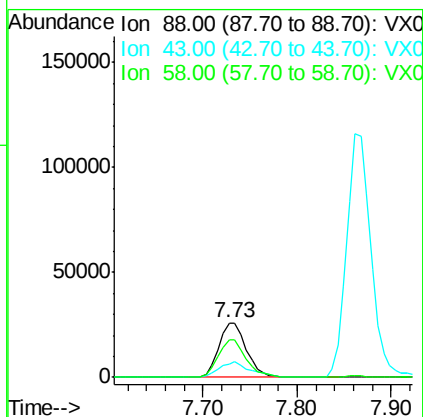
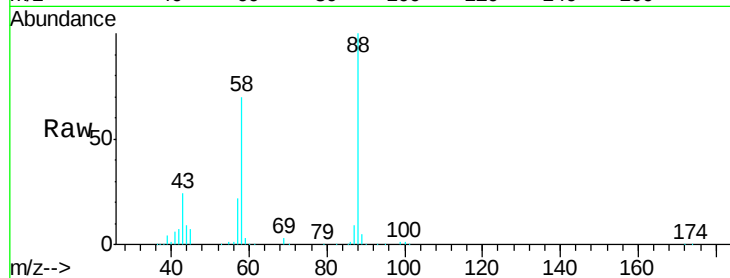




#49
1,4-Dioxane
Concen: 914.306 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

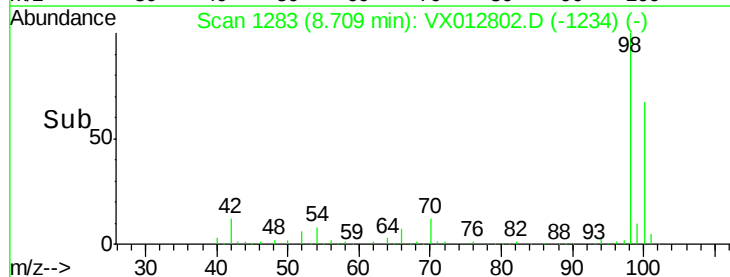
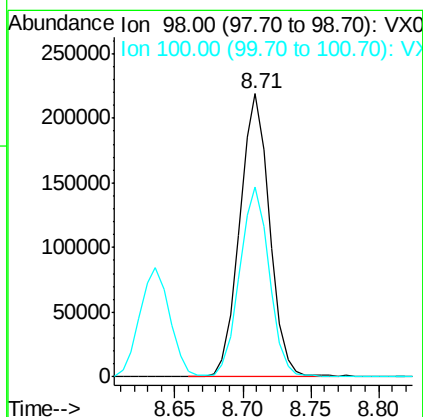
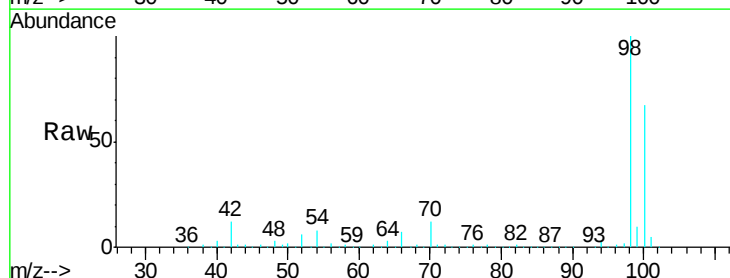
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

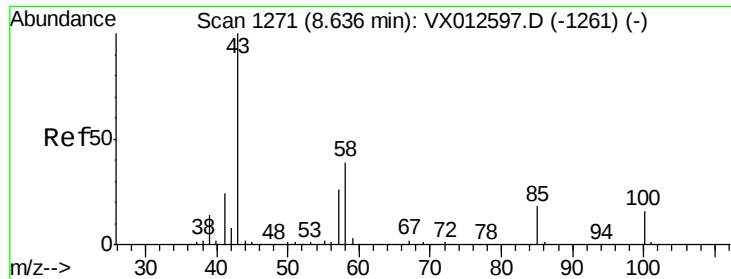
Tgt Ion: 88 Resp: 52667
Ion Ratio Lower Upper
88 100
43 32.8 29.4 44.0
58 69.7 57.5 86.3



#50
Toluene-d8
Concen: 52.076 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 98 Resp: 335674
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 233.865 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

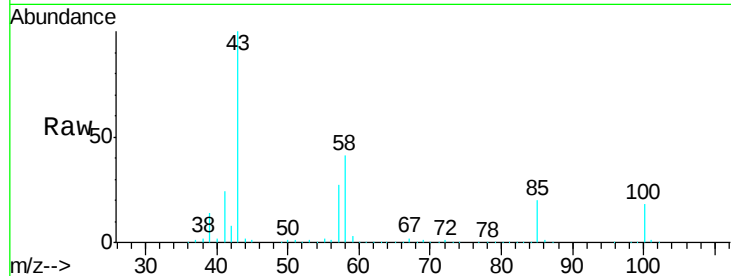
VSTDCCC050

Tgt Ion: 43 Resp: 764601

Ion Ratio Lower Upper

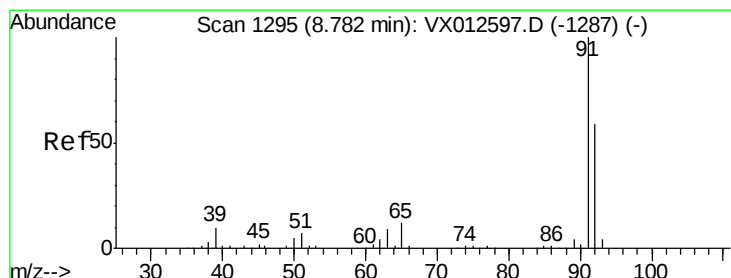
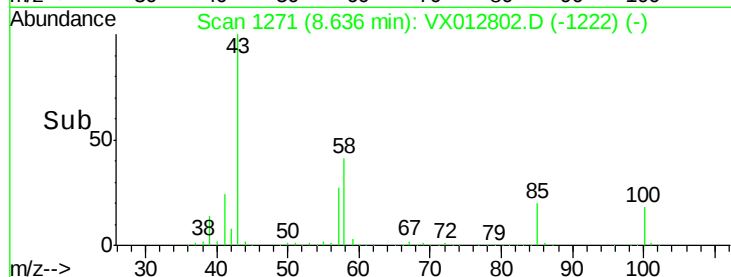
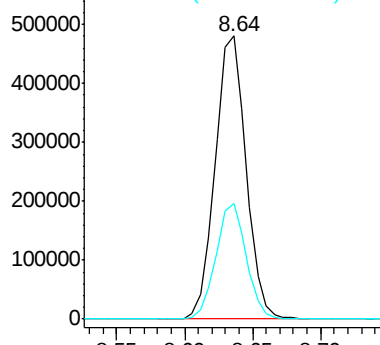
43 100

58 40.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.709 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012802.D

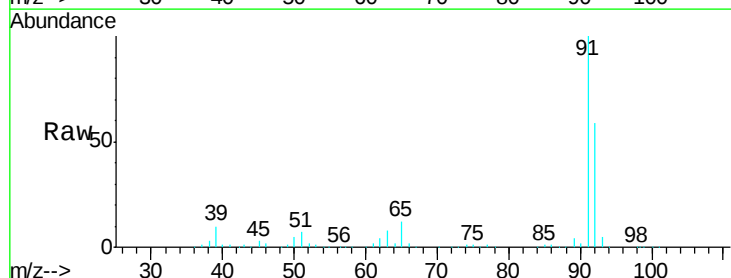
Acq: 04 Oct 2019 11:06

Tgt Ion: 92 Resp: 264056

Ion Ratio Lower Upper

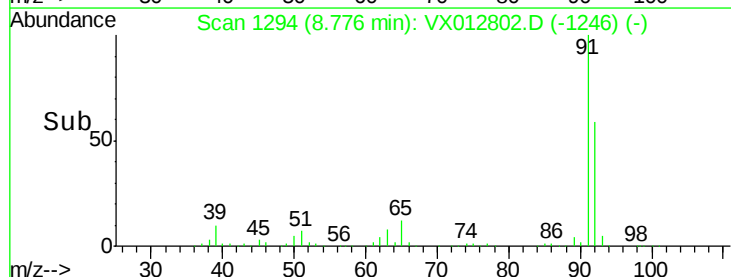
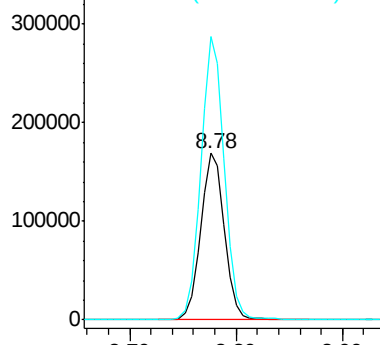
92 100

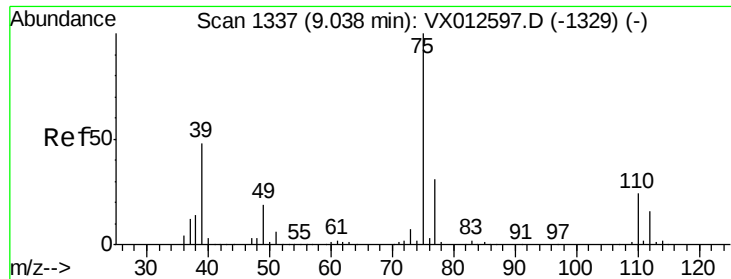
91 168.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

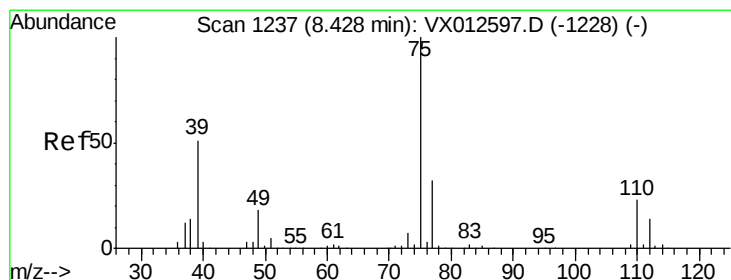
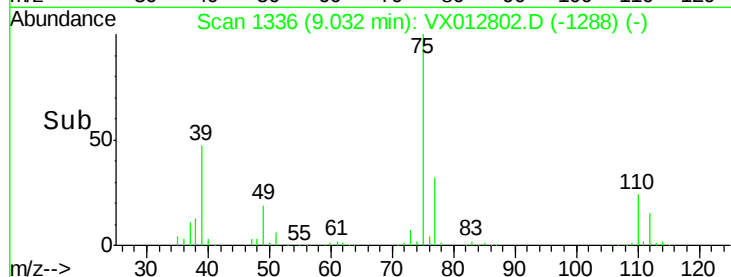
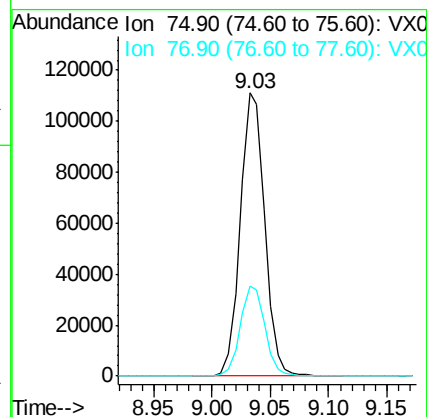
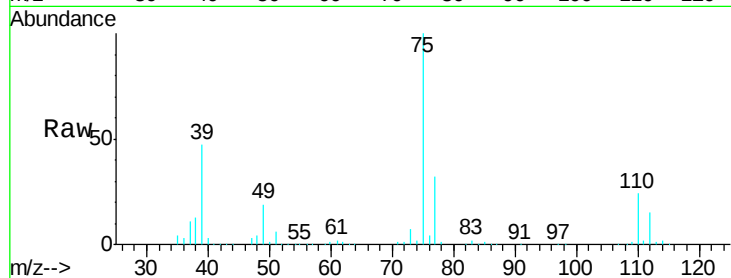




#53
t-1,3-Dichloropropene
Concen: 52.929 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

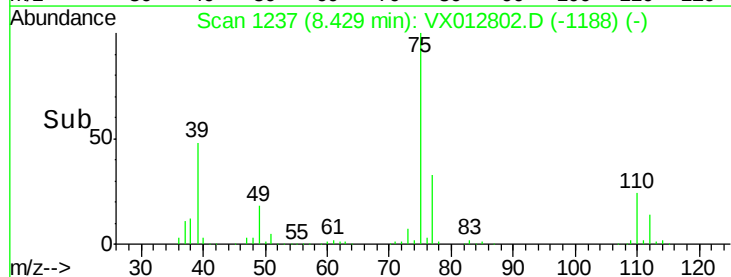
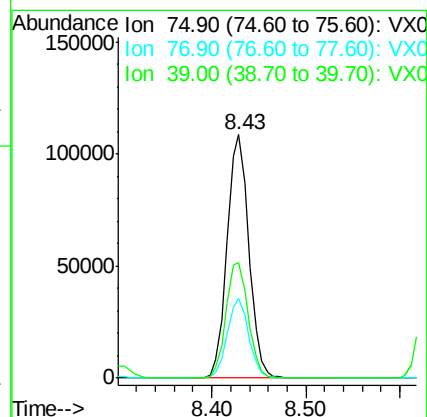
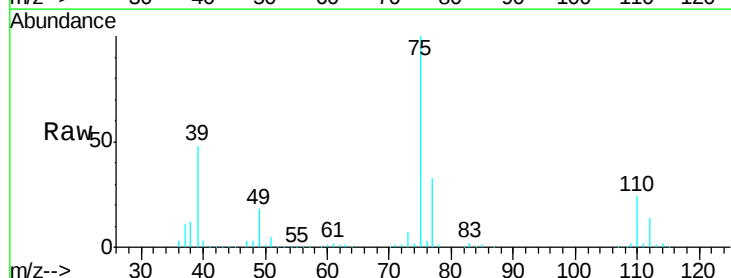
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

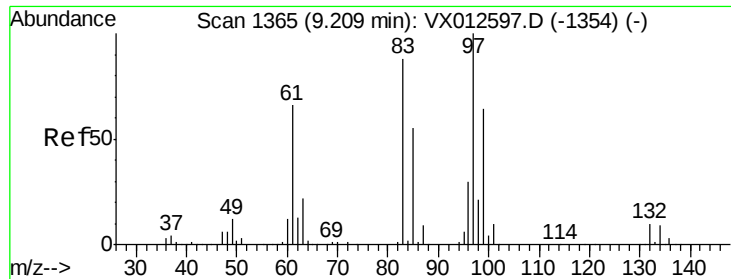
Tgt Ion: 75 Resp: 162620
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.016 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 75 Resp: 174492
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
39 47.6 45.5 68.3

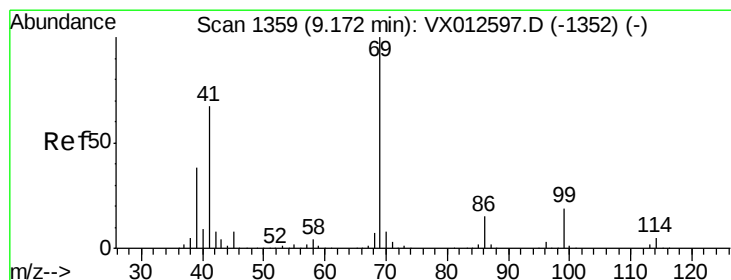
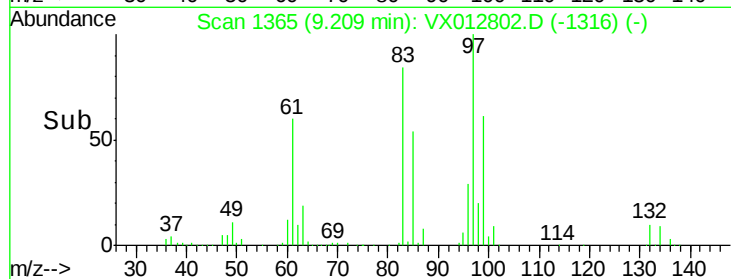
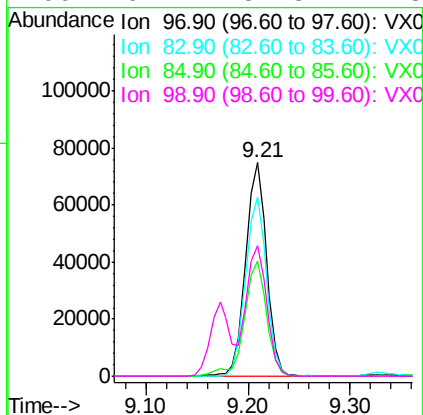
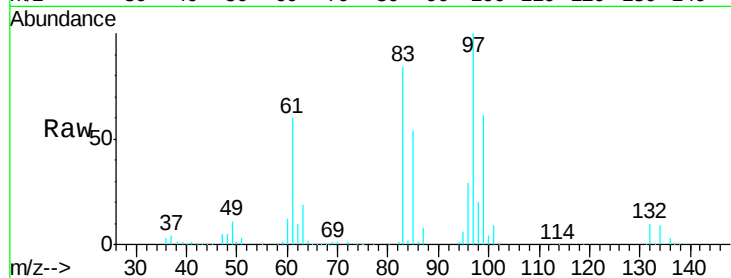




#55
 1,1,2-Trichloroethane
 Concen: 53.834 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

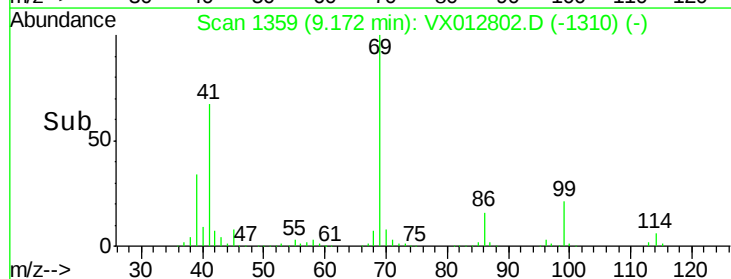
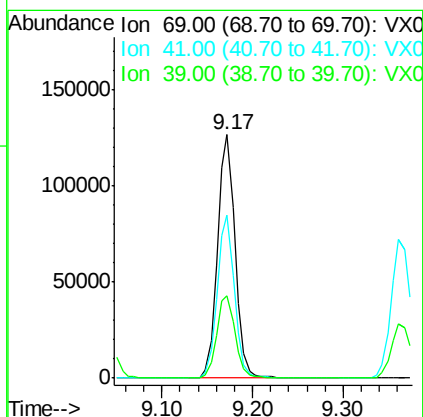
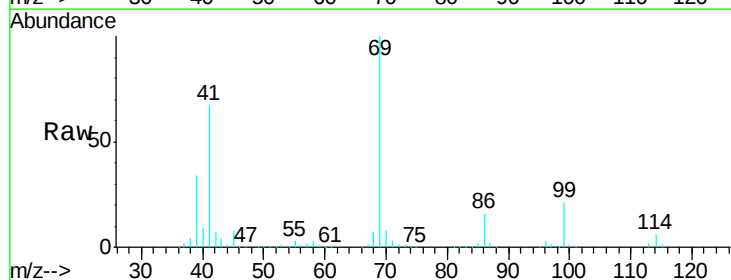
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

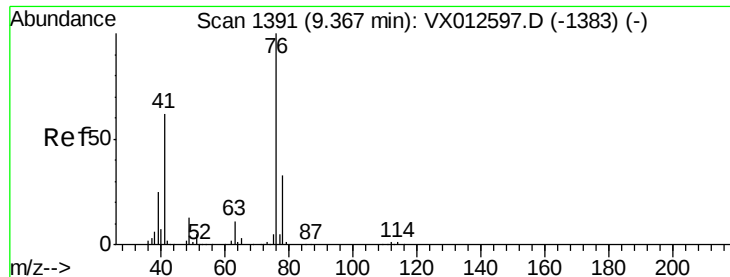
Tgt Ion: 97 Resp: 107221
 Ion Ratio Lower Upper
 97 100
 83 83.9 67.4 101.2
 85 54.0 43.5 65.3
 99 61.4 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 51.297 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 69 Resp: 171643
 Ion Ratio Lower Upper
 69 100
 41 66.0 58.4 87.6
 39 35.3 33.4 50.0

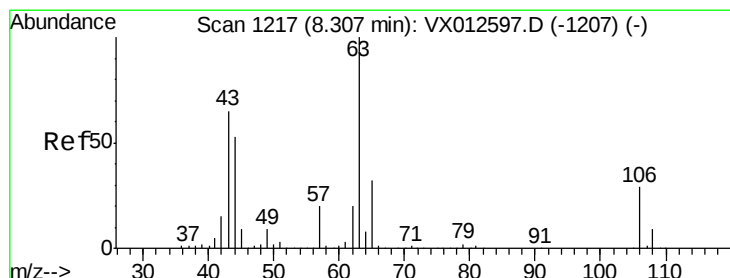
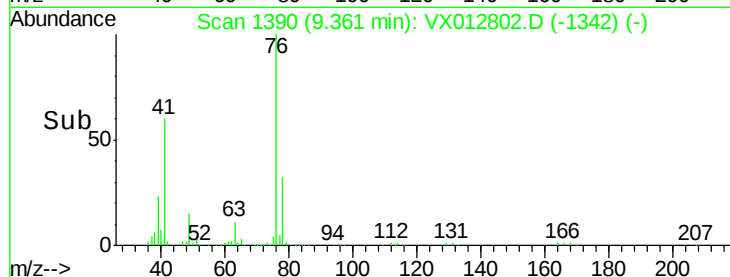
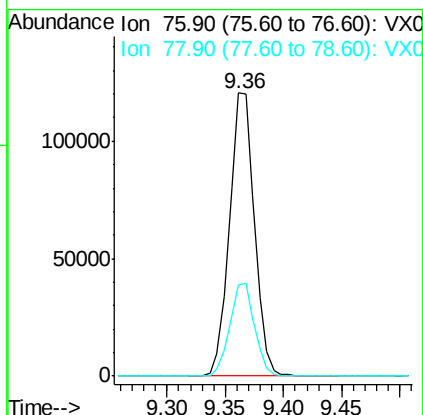
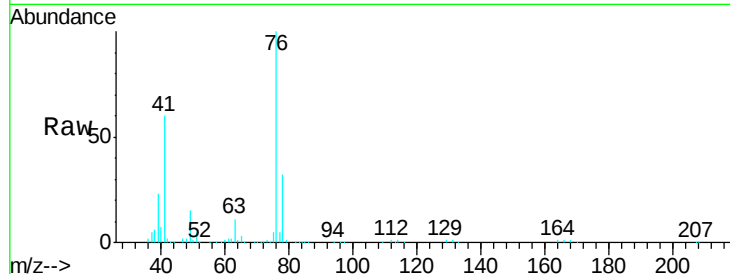




#57
 1,3-Dichloropropane
 Concen: 51.633 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

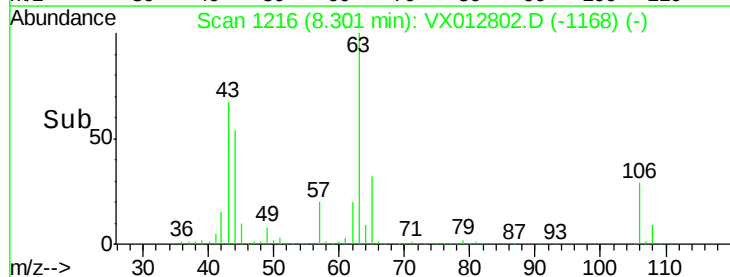
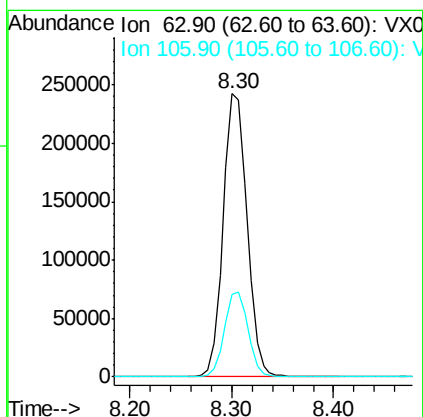
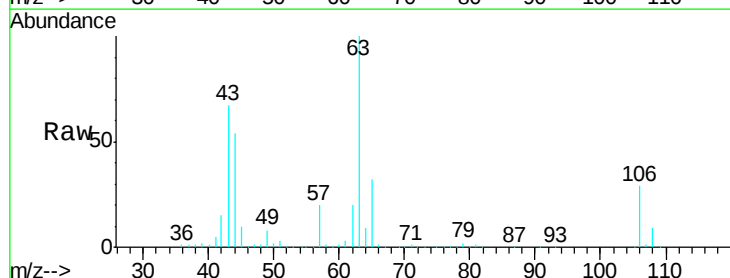
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

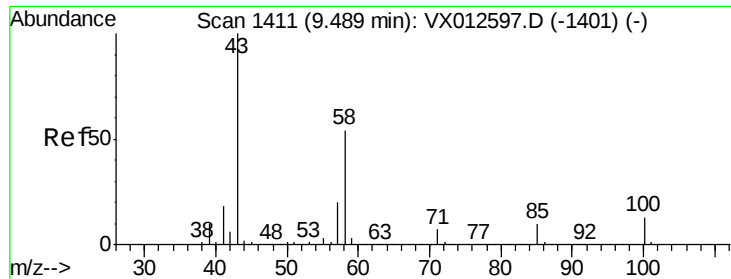
Tgt Ion: 76 Resp: 179984
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.662 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 63 Resp: 394509
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6

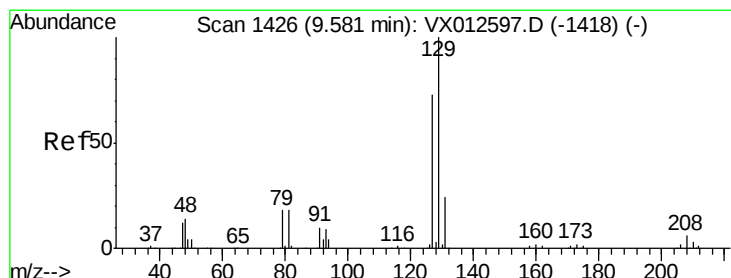
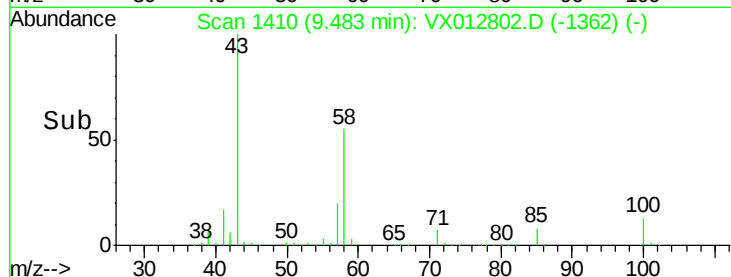
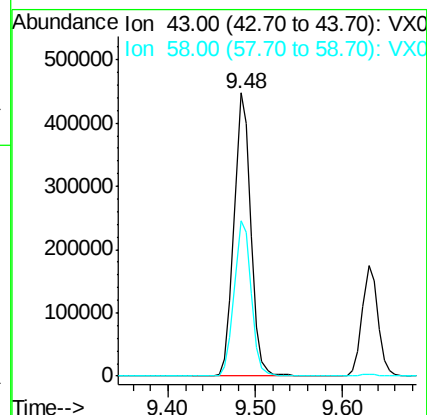
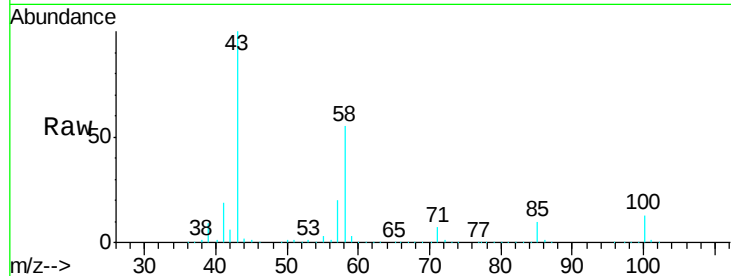




#59
2-Hexanone
Concen: 240.649 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

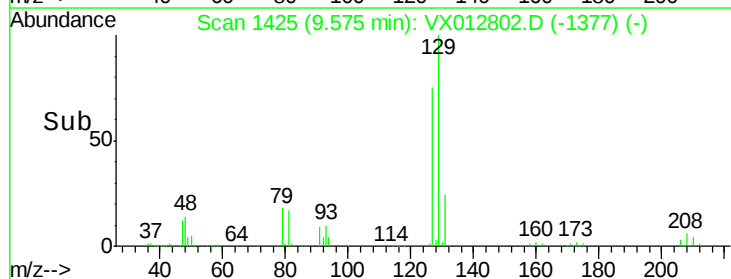
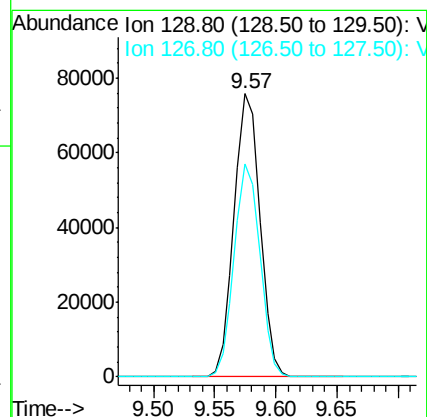
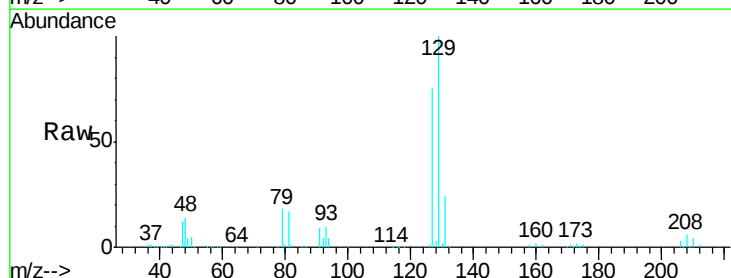
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

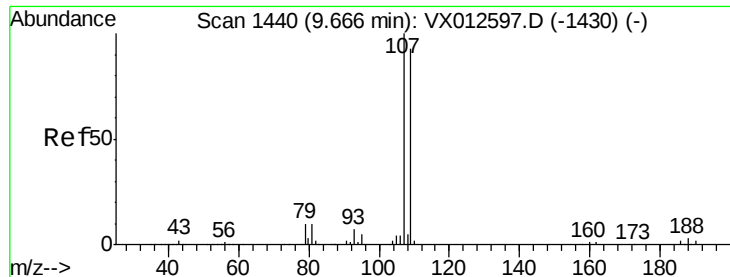
Tgt Ion: 43 Resp: 602235
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1



#60
Dibromochloromethane
Concen: 55.359 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 129 Resp: 111614
Ion Ratio Lower Upper
129 100
127 74.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.377 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

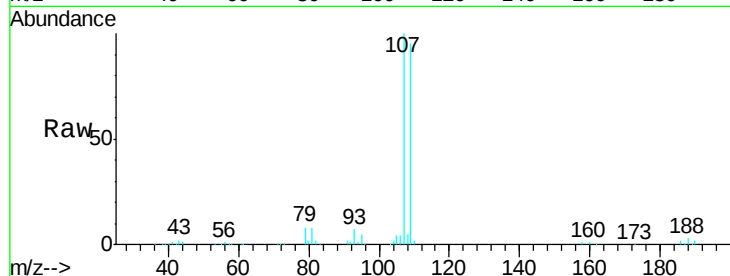
VSTDCCC050

Tgt Ion: 107 Resp: 110640

Ion Ratio Lower Upper

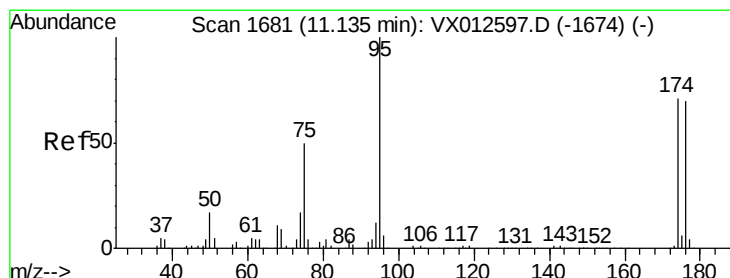
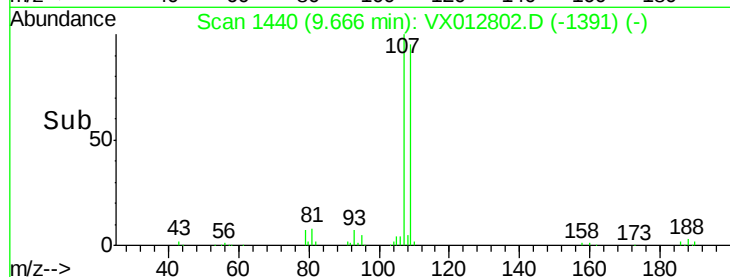
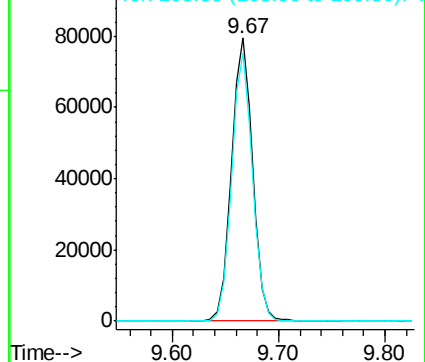
107 100

109 93.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.722 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

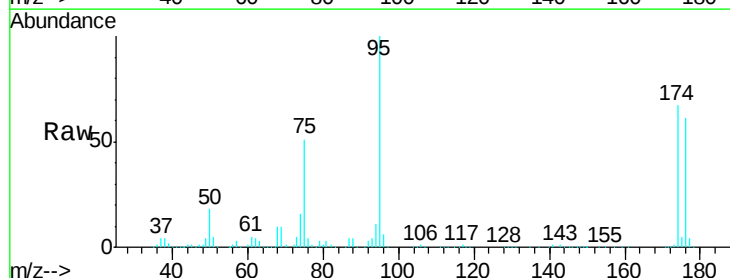
Tgt Ion: 95 Resp: 136160

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

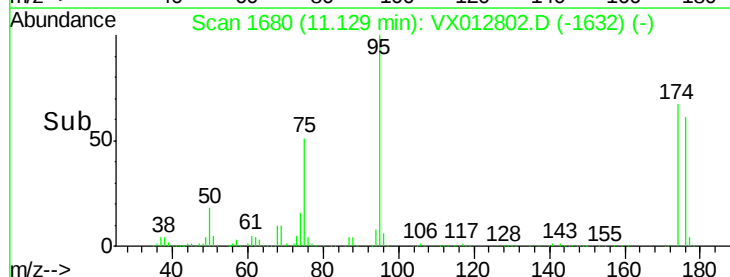
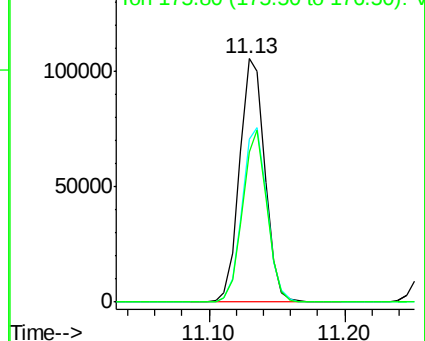
176 68.1 0.0 135.4

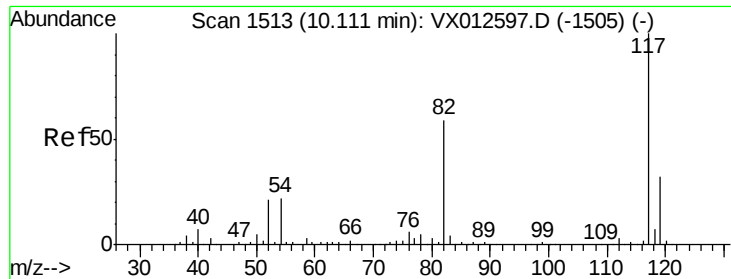


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

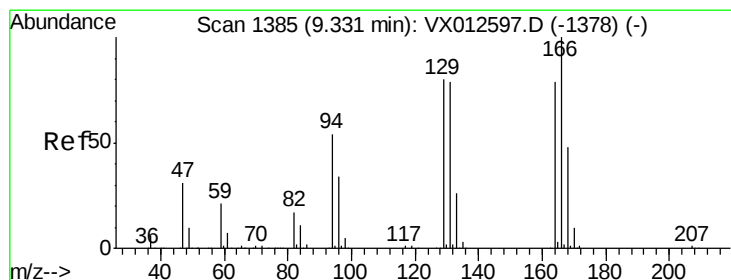
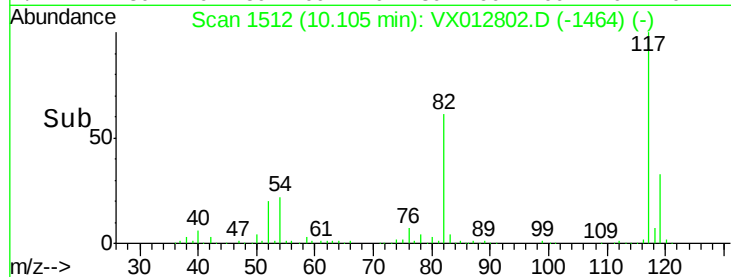
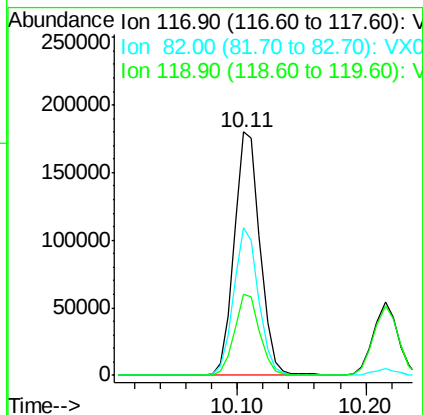
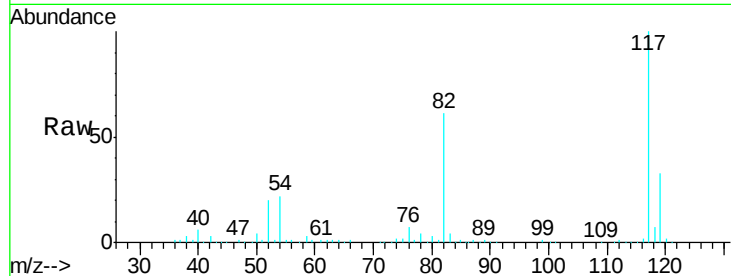




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

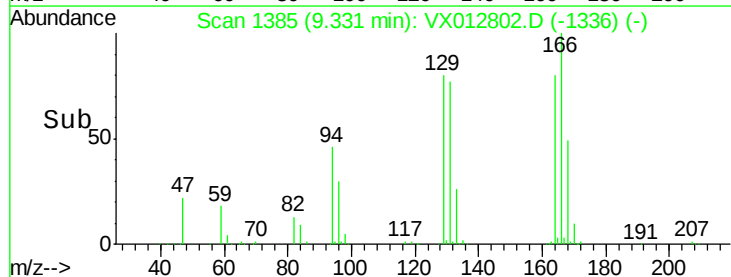
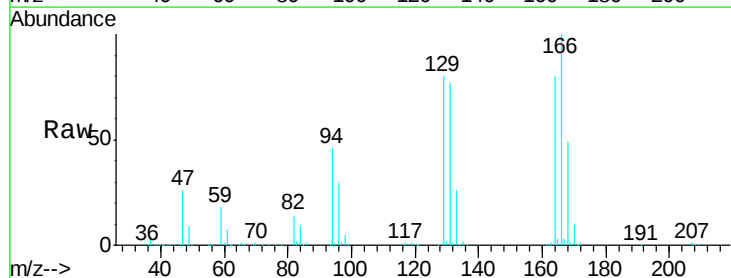
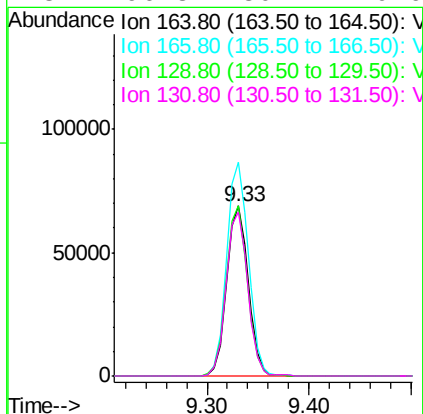
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

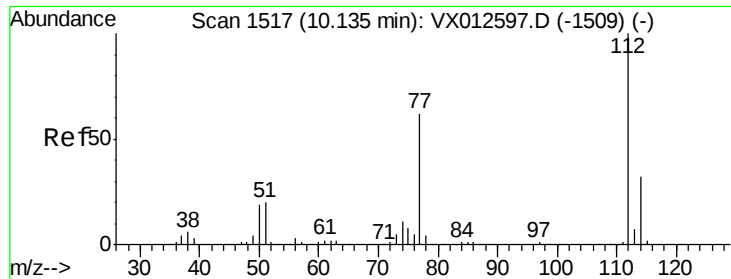
Tgt Ion:117 Resp: 251257
Ion Ratio Lower Upper
117 100
82 60.6 45.9 68.9
119 33.3 25.3 37.9



#64
Tetrachloroethene
Concen: 57.213 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion:164 Resp: 100226
Ion Ratio Lower Upper
164 100
166 125.5 107.8 161.6
129 100.3 86.2 129.2
131 96.3 80.4 120.6

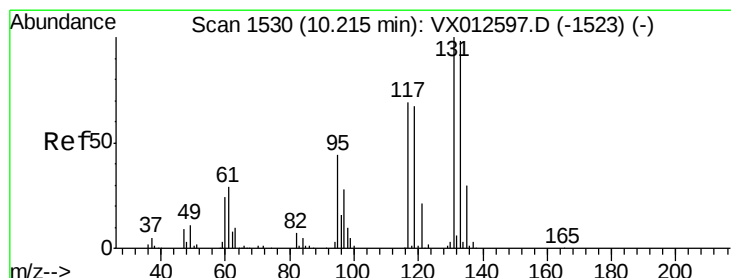
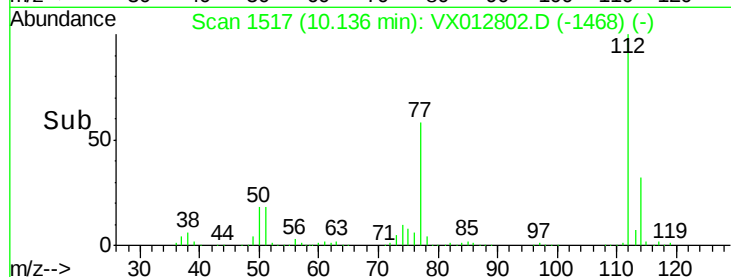
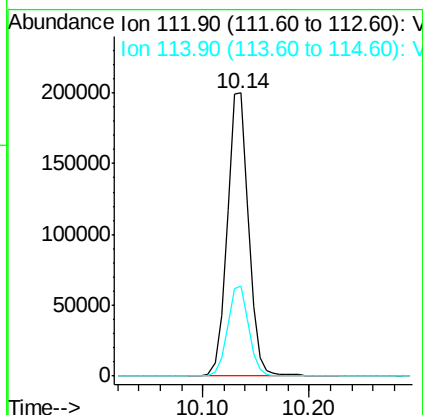
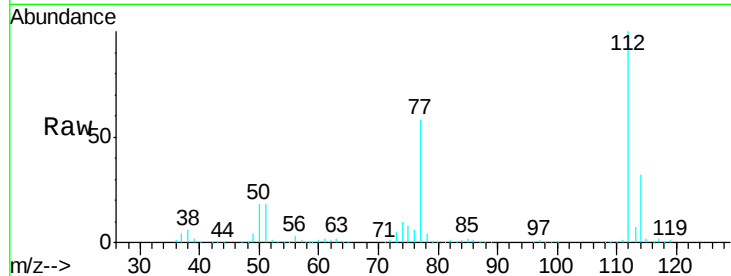




#65
Chlorobenzene
Concen: 52.853 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

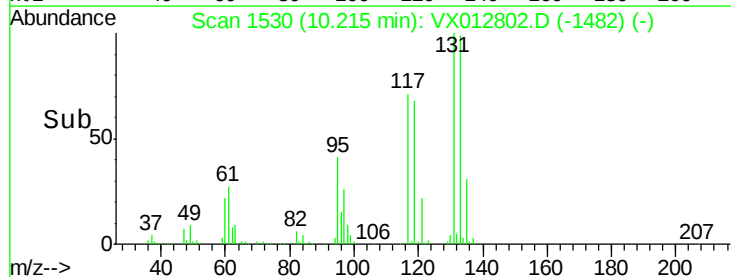
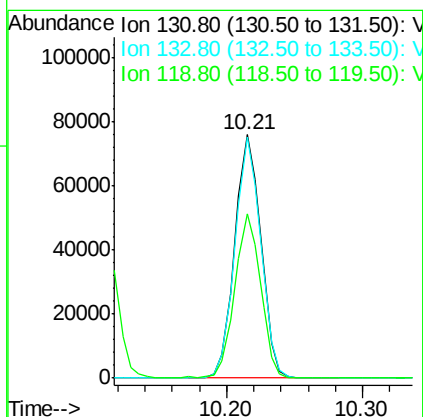
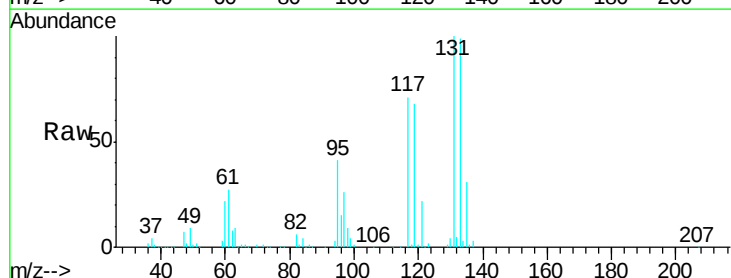
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

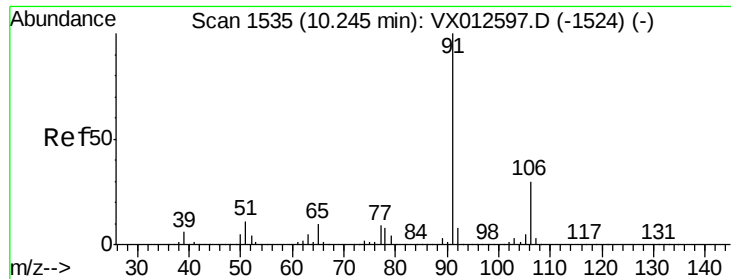
Tgt Ion:112 Resp: 279644
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.166 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion:131 Resp: 101921
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 66.8 31.3 93.8

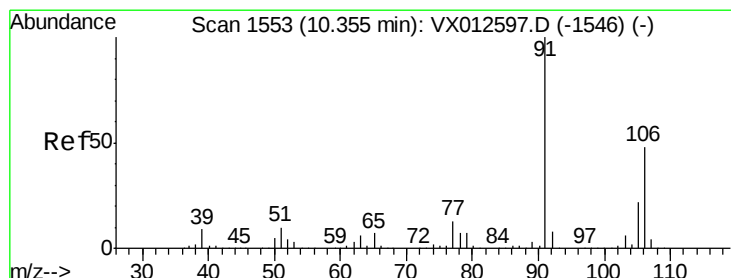
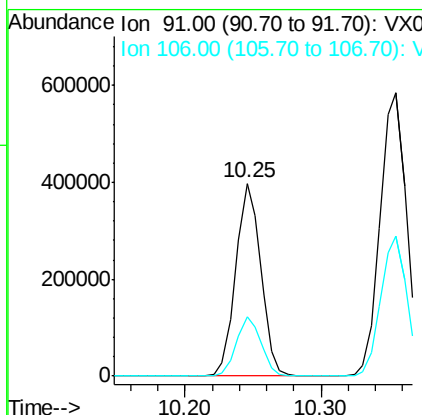
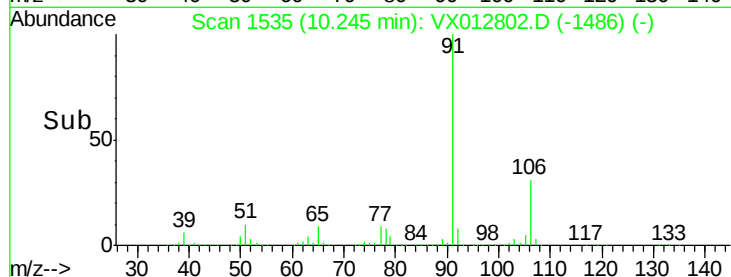
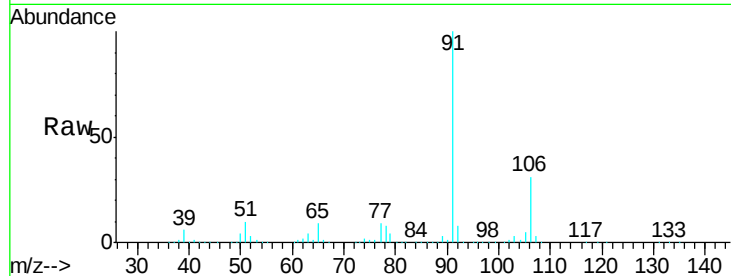




#67
Ethyl Benzene
Concen: 53.557 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

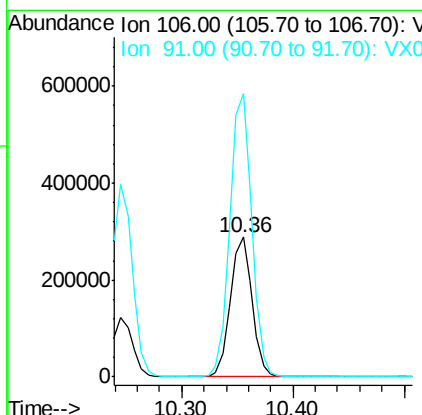
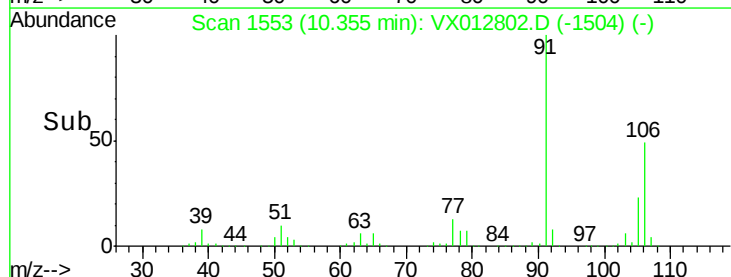
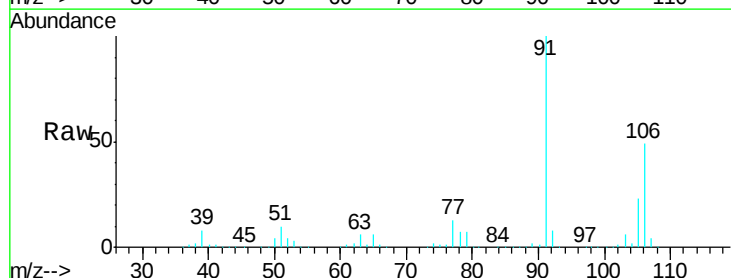
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

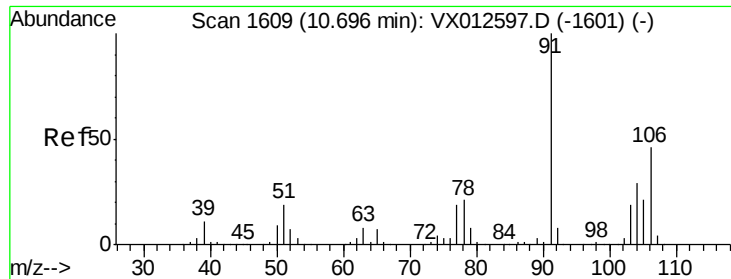
Tgt Ion: 91 Resp: 513957
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 107.873 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 106 Resp: 387783
Ion Ratio Lower Upper
106 100
91 205.2 166.6 250.0

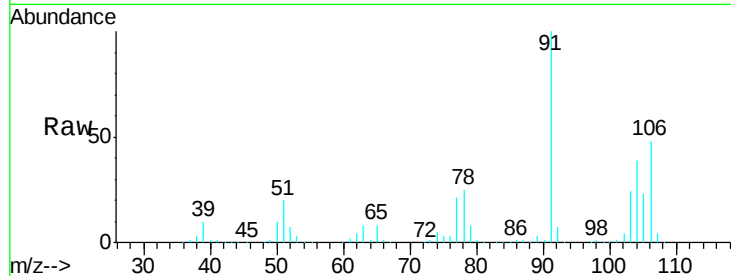




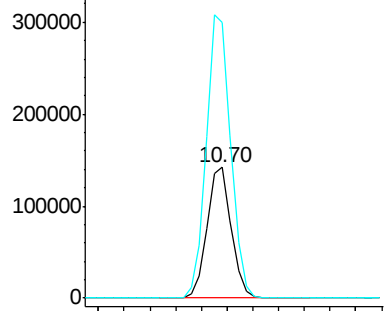
#69
o-Xylene
Concen: 53.455 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

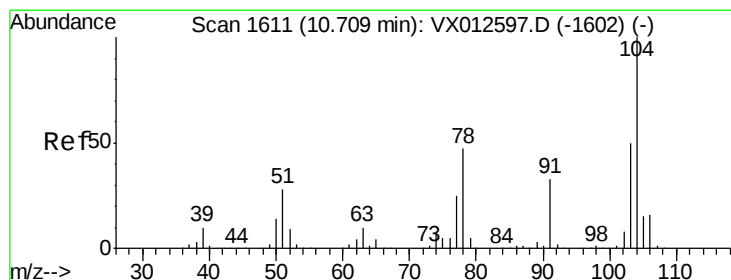
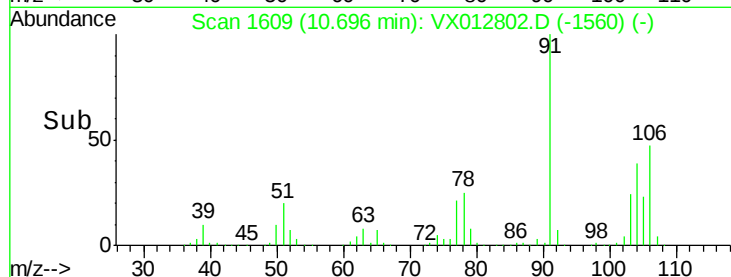
Tgt Ion:106 Resp: 185941
Ion Ratio Lower Upper
106 100
91 218.6 109.4 328.2



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

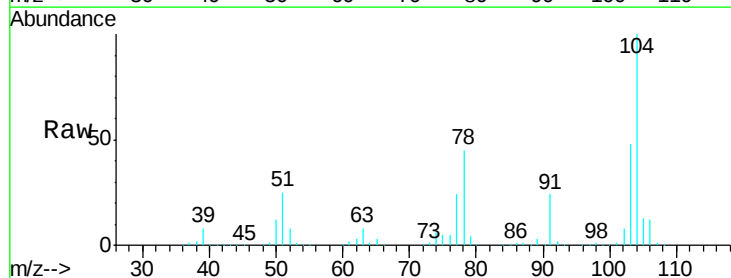


Time--> 10.60 10.70 10.80

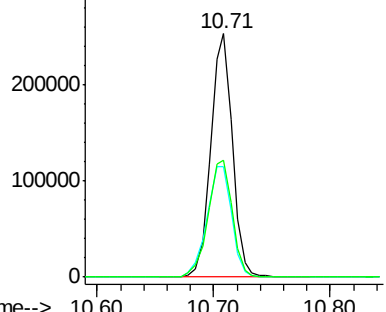


#70
Styrene
Concen: 56.075 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

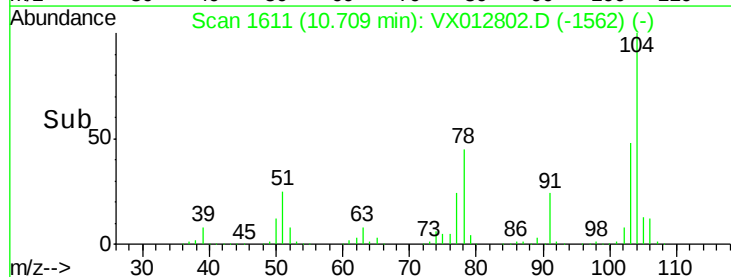
Tgt Ion:104 Resp: 326992
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.9 43.3 64.9

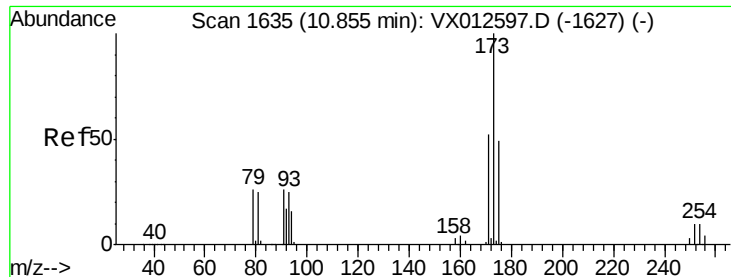


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 56.078 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

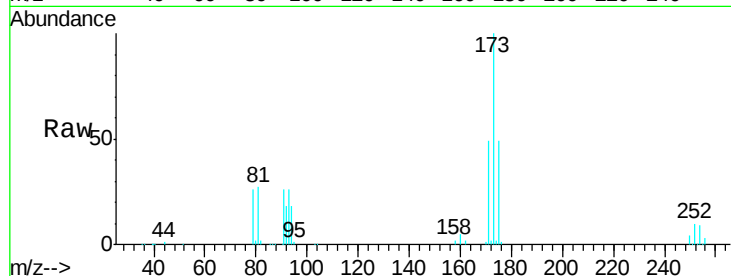
Tgt Ion:173 Resp: 74856

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

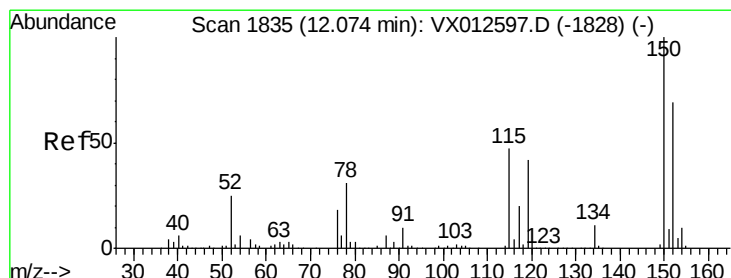
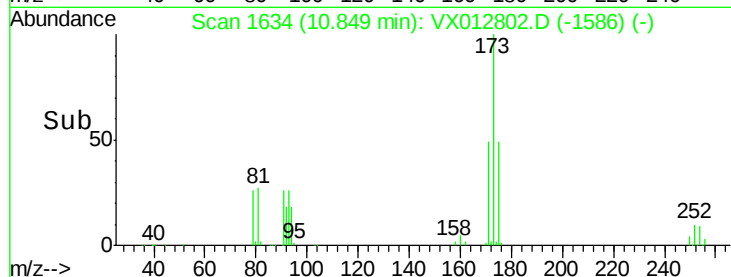
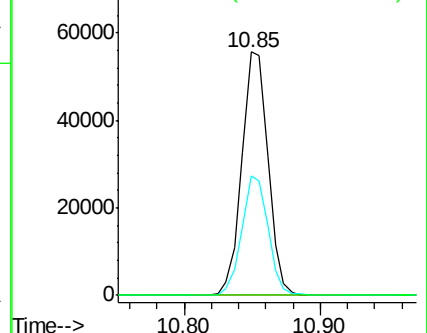
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

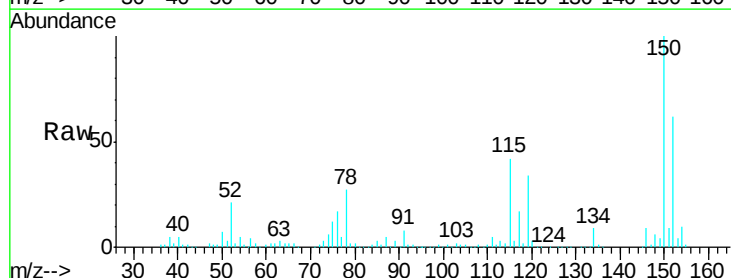
Tgt Ion:152 Resp: 122032

Ion Ratio Lower Upper

152 100

115 92.5 44.1 132.3

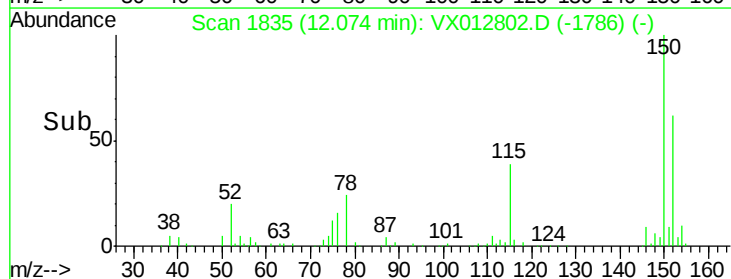
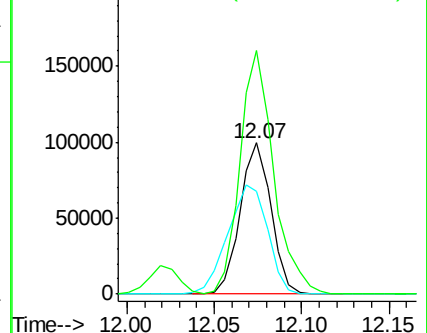
150 175.9 0.0 343.8

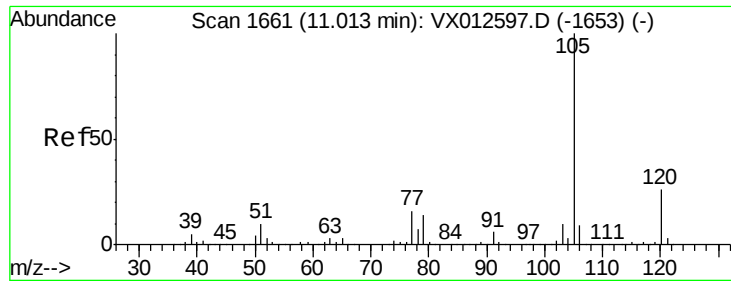


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.922 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

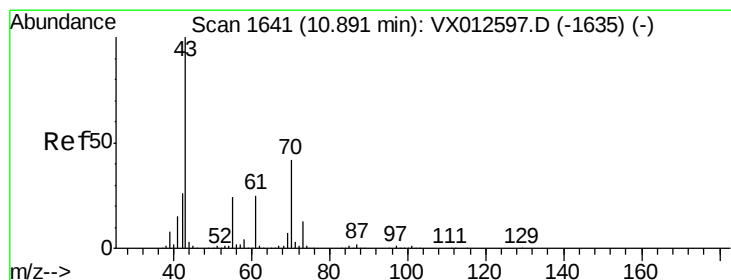
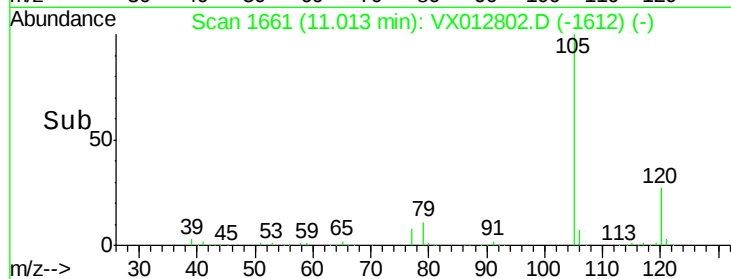
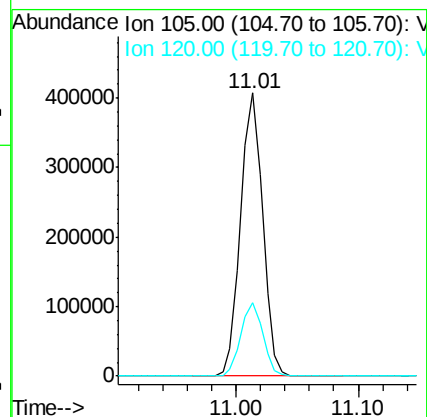
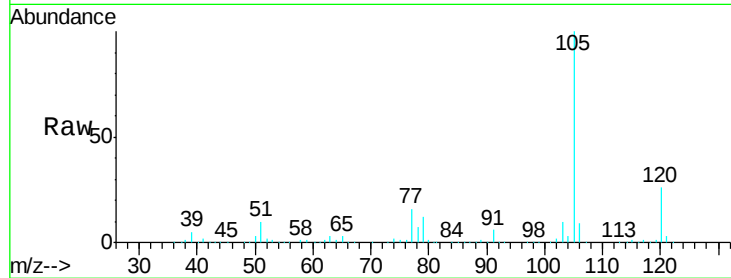
VSTDCCC050

Tgt Ion: 105 Resp: 506118

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 47.129 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion: 43 Resp: 223471

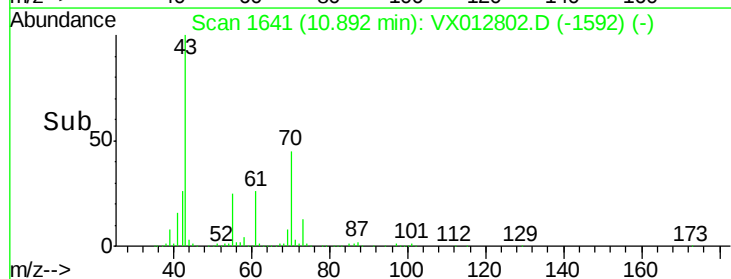
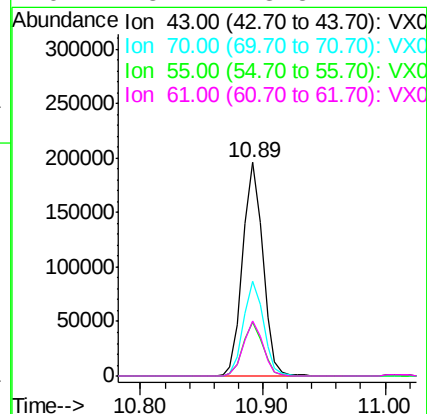
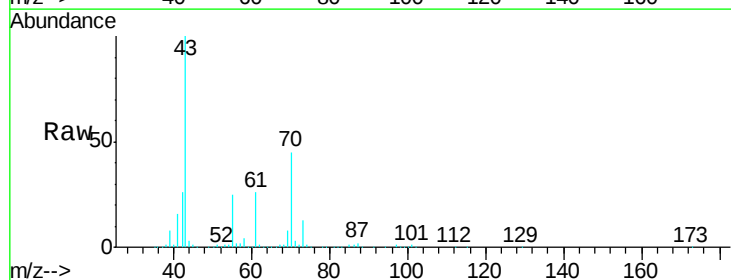
Ion Ratio Lower Upper

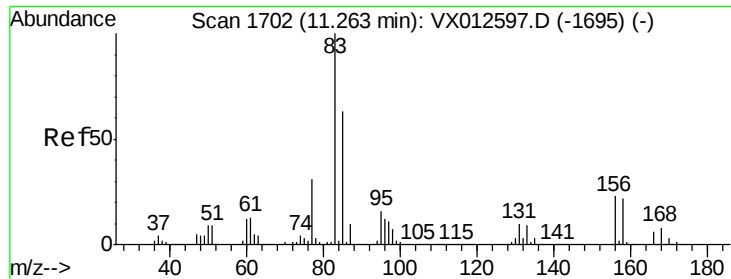
43 100

70 44.3 32.4 48.6

55 25.1 18.2 27.4

61 25.1 18.5 27.7

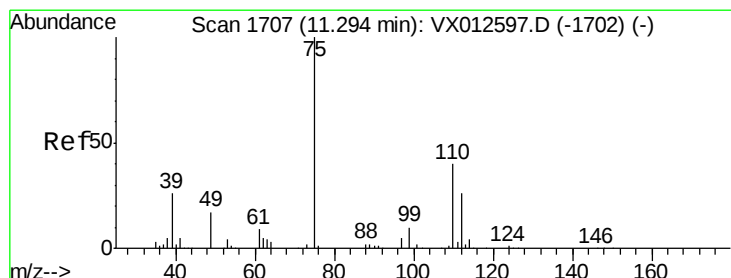
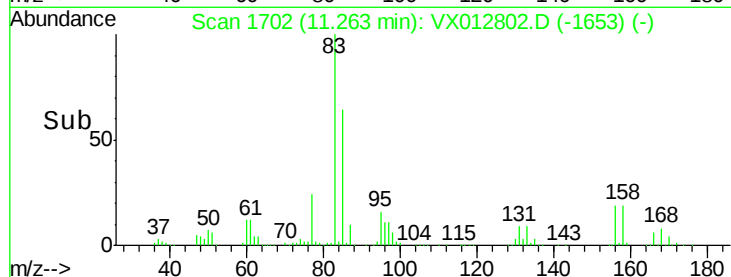
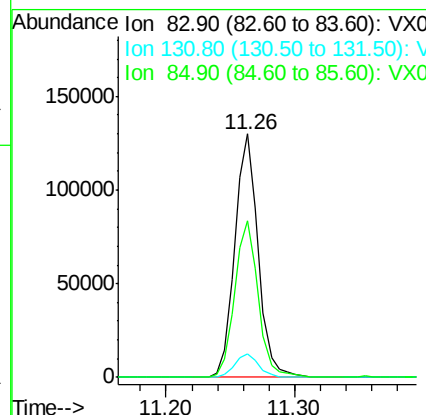
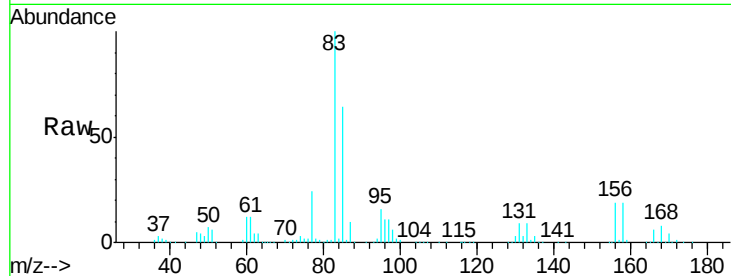




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.308 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

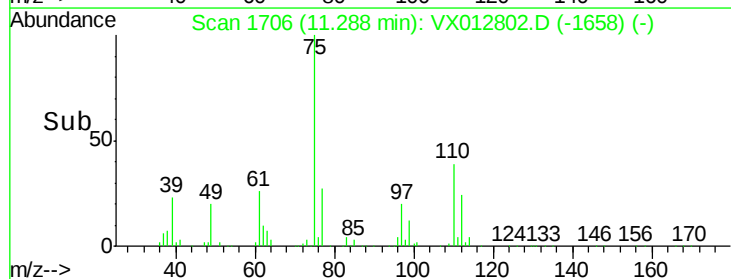
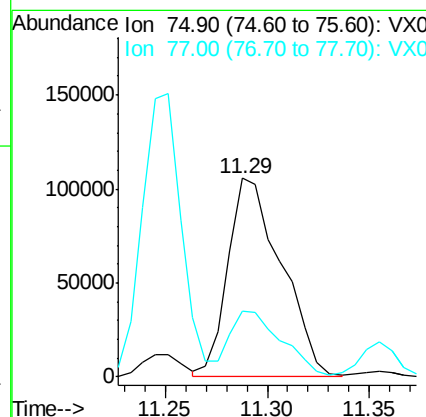
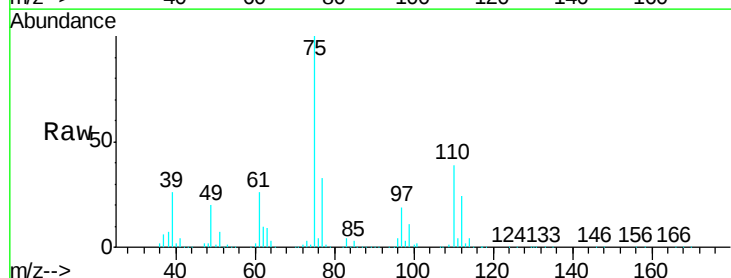
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

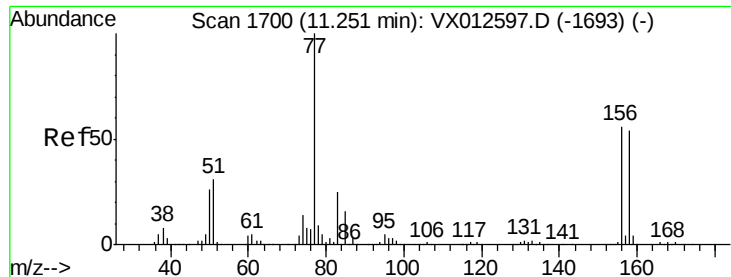
Tgt Ion: 83 Resp: 165599
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.2 15.6
 85 64.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 59.624 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 75 Resp: 192468
 Ion Ratio Lower Upper
 75 100
 77 31.5 19.7 59.0





#77

Bromobenzene

Concen: 52.187 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

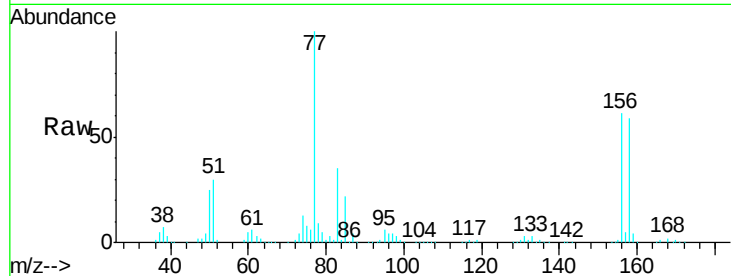
Tgt Ion:156 Resp: 117395

Ion Ratio Lower Upper

156 100

77 173.2 87.3 261.8

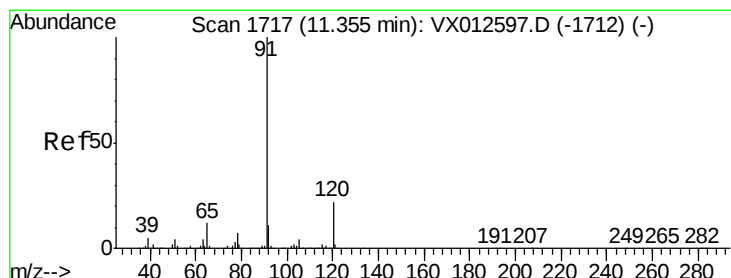
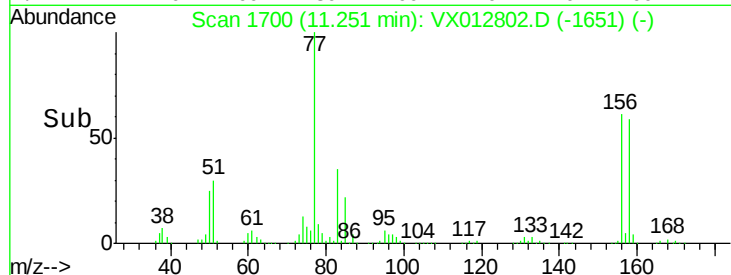
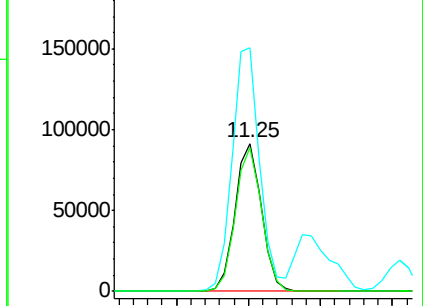
158 96.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.117 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012802.D

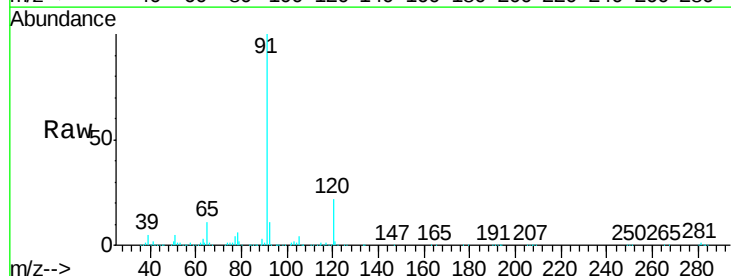
Acq: 04 Oct 2019 11:06

Tgt Ion: 91 Resp: 571982

Ion Ratio Lower Upper

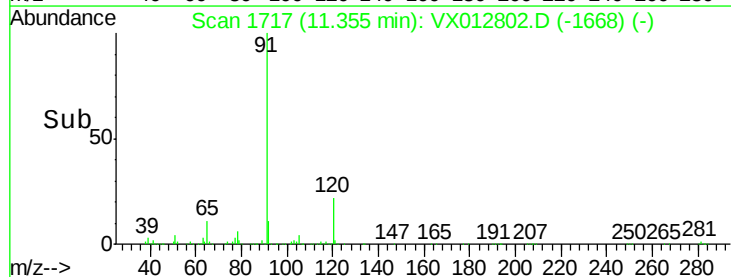
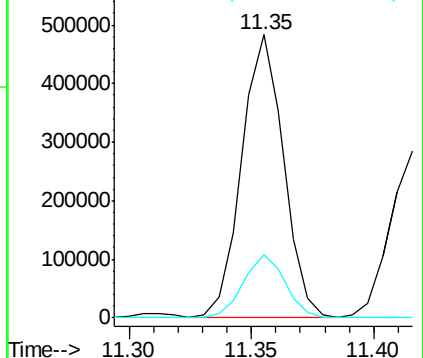
91 100

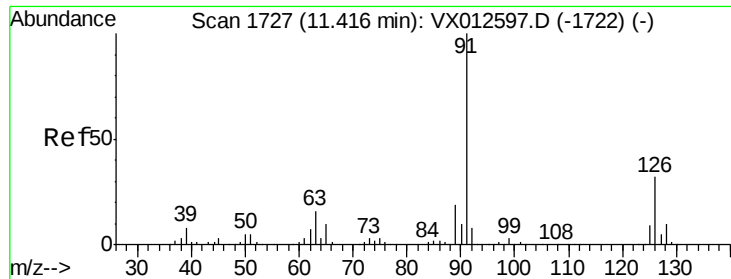
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

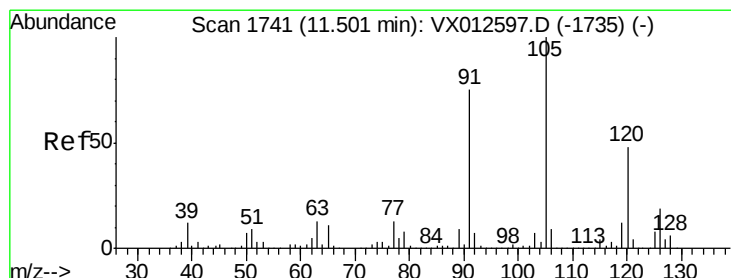
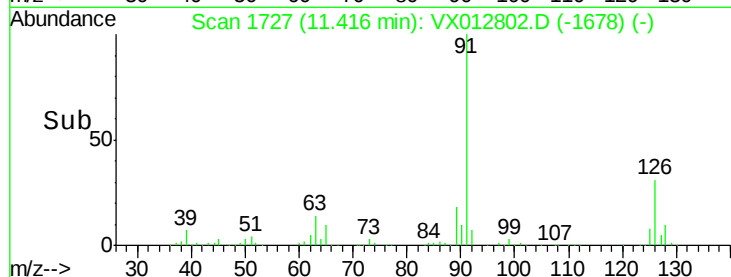
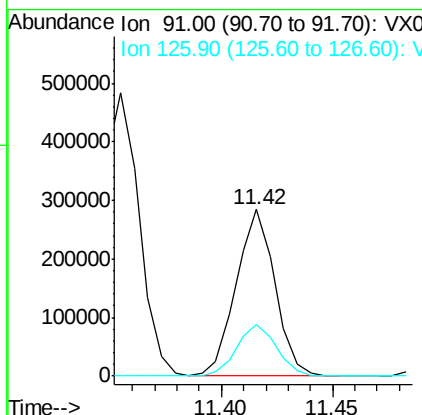
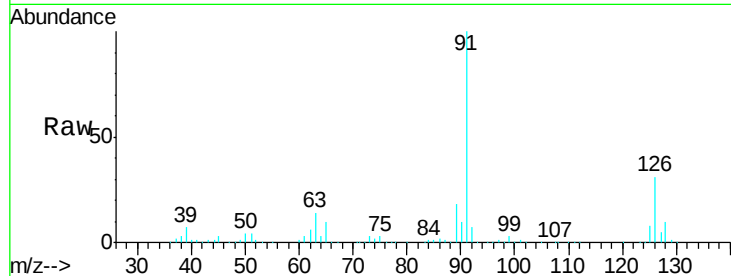




#79
 2-Chlorotoluene
 Concen: 49.277 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

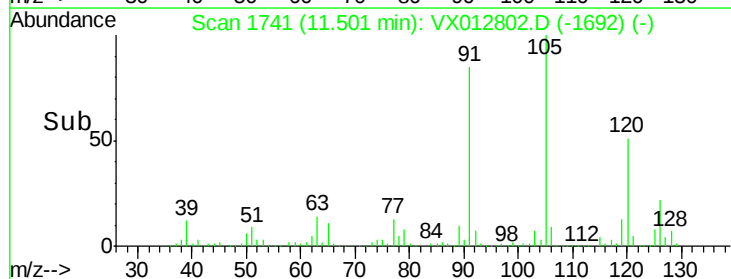
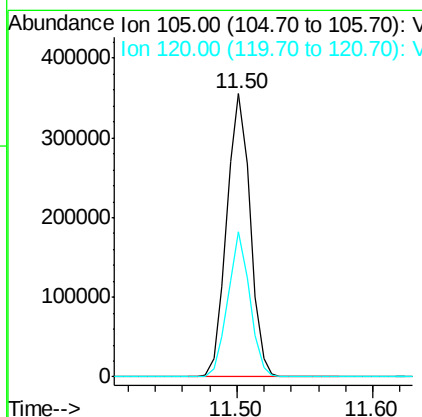
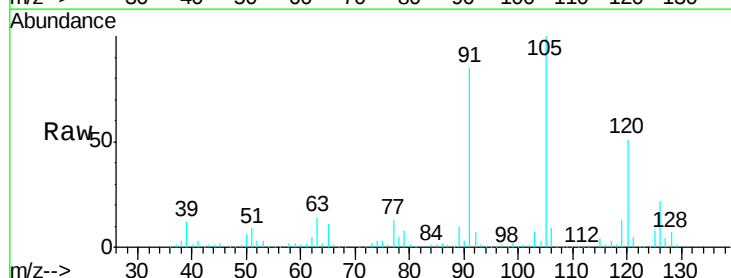
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

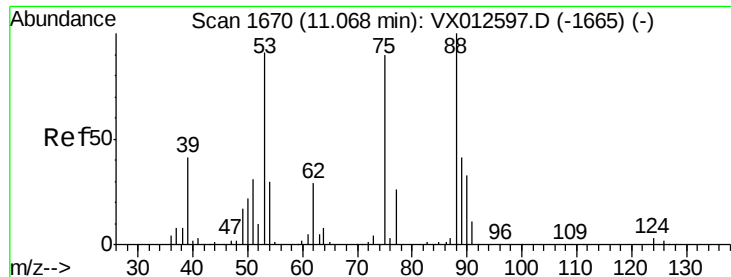
Tgt Ion: 91 Resp: 343973
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.859 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 105 Resp: 423900
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.907 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

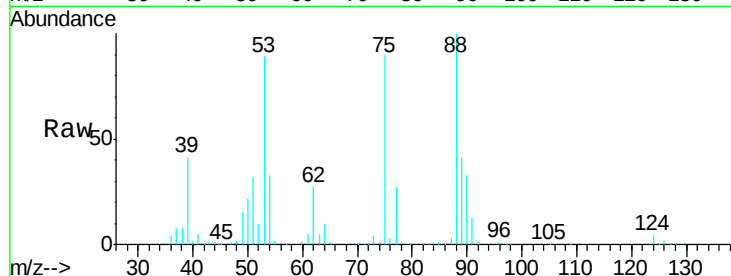
Tgt Ion: 75 Resp: 52837

Ion Ratio Lower Upper

75 100

53 102.0 83.6 125.4

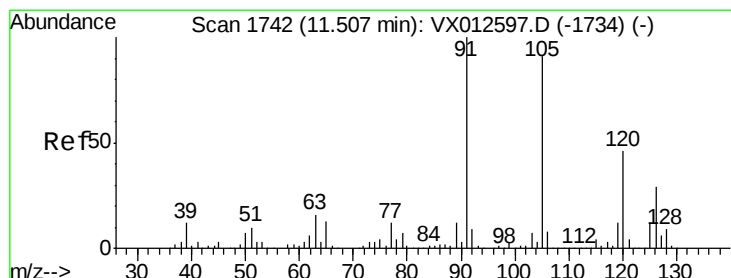
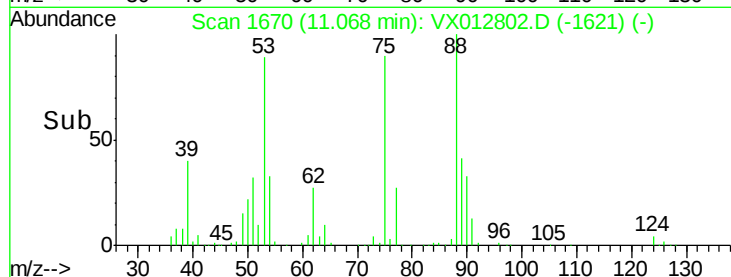
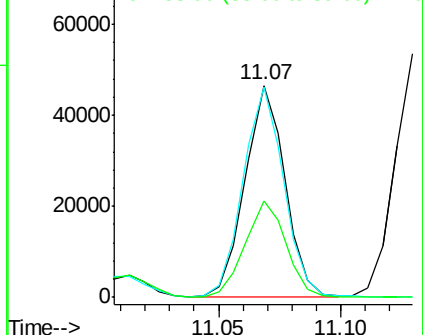
89 47.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.396 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012802.D

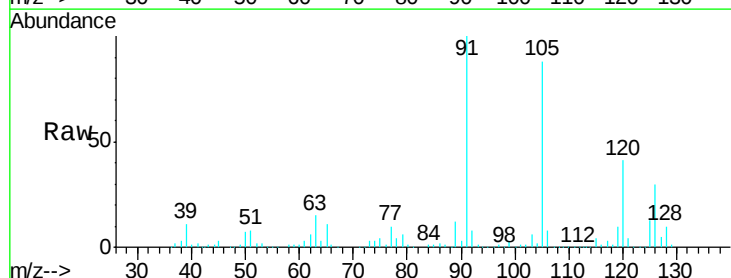
Acq: 04 Oct 2019 11:06

Tgt Ion: 91 Resp: 401010

Ion Ratio Lower Upper

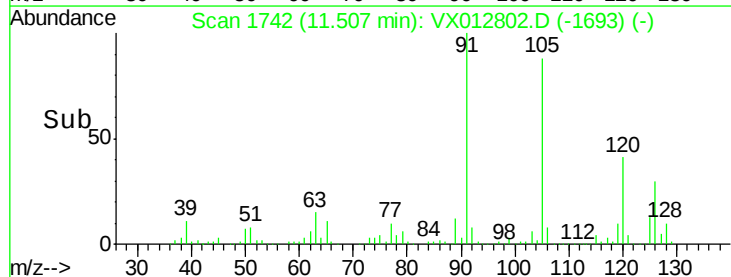
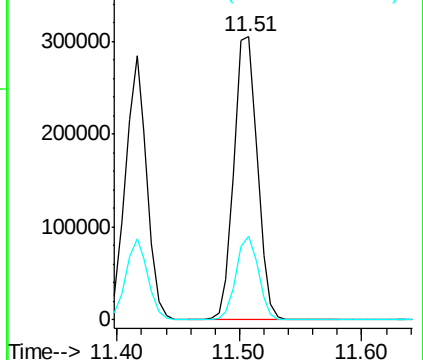
91 100

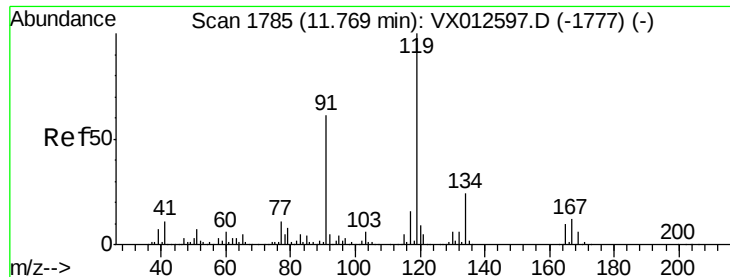
126 28.3 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

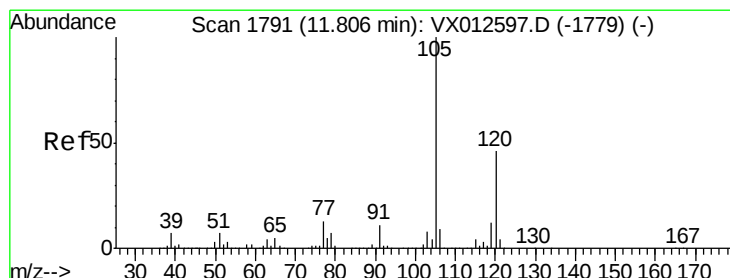
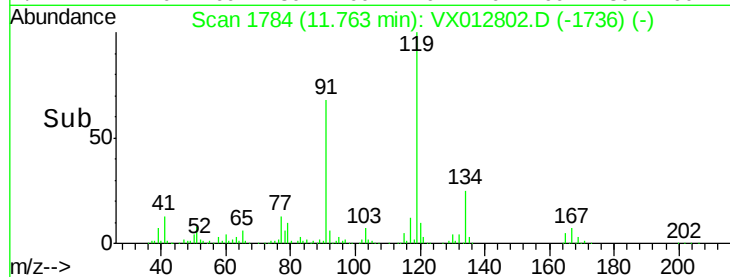
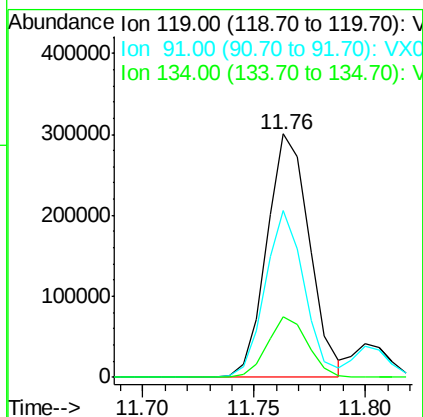
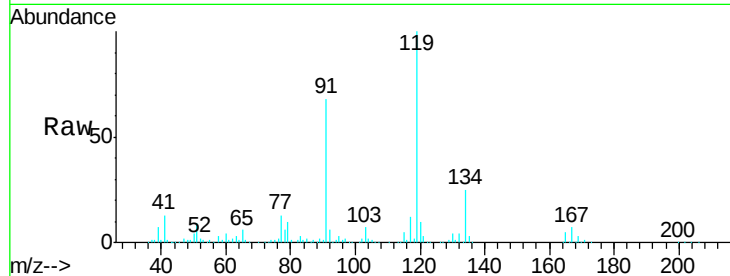




#83
 tert-Butylbenzene
 Concen: 49.552 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

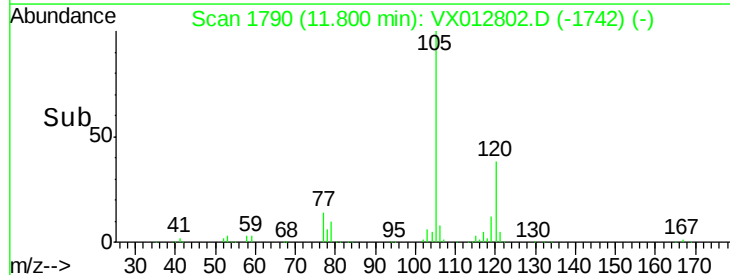
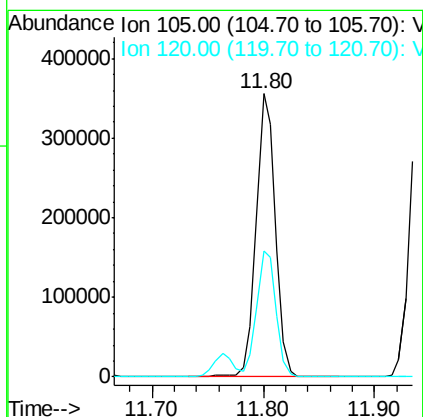
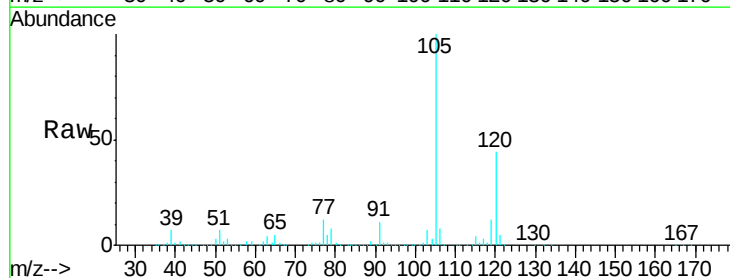
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

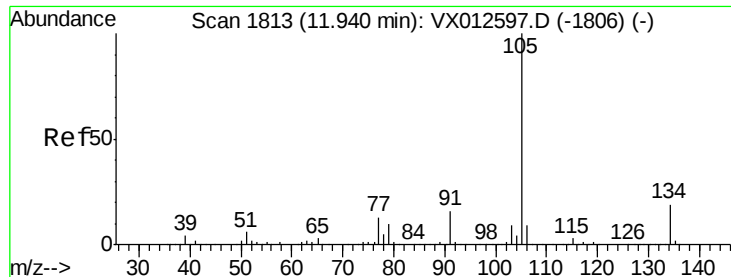
Tgt Ion:119 Resp: 398394
 Ion Ratio Lower Upper
 119 100
 91 63.0 30.0 90.0
 134 23.7 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.840 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion:105 Resp: 427460
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.2 66.6

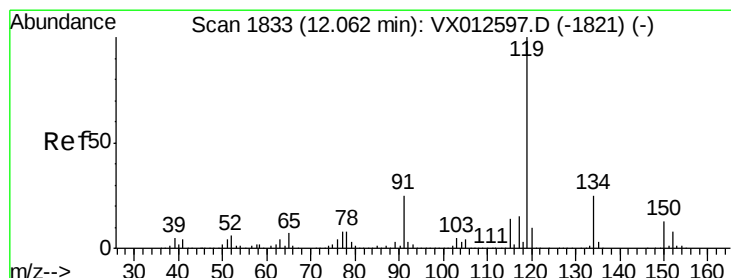
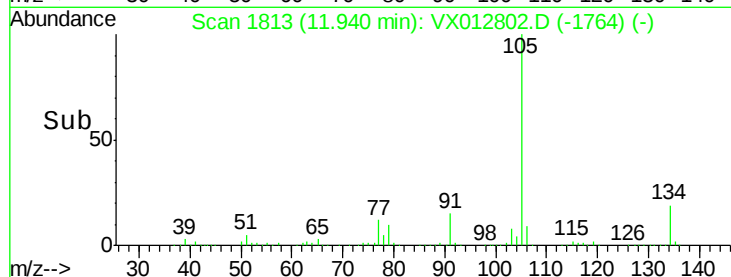
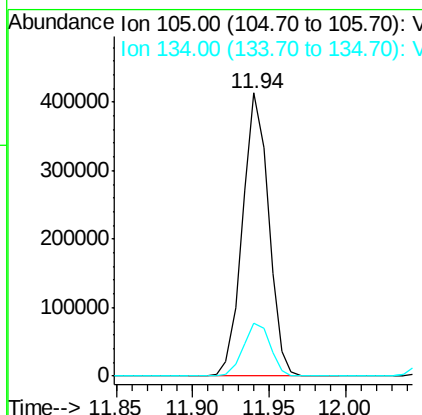
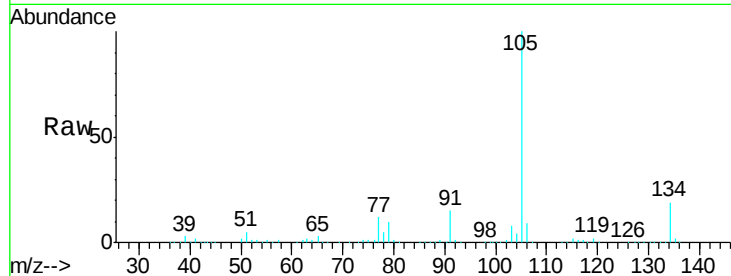




#85
 sec-Butylbenzene
 Concen: 52.232 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

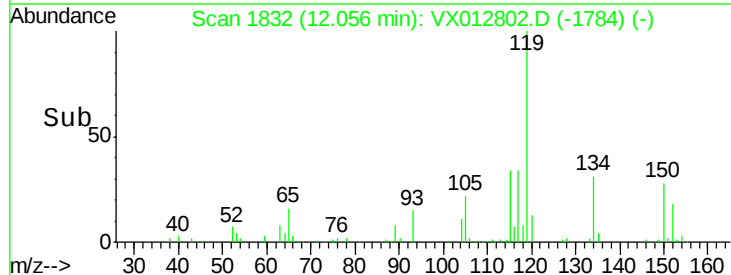
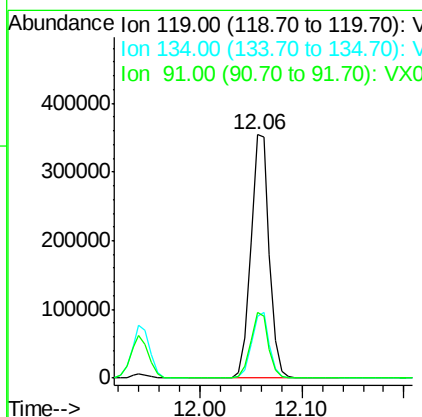
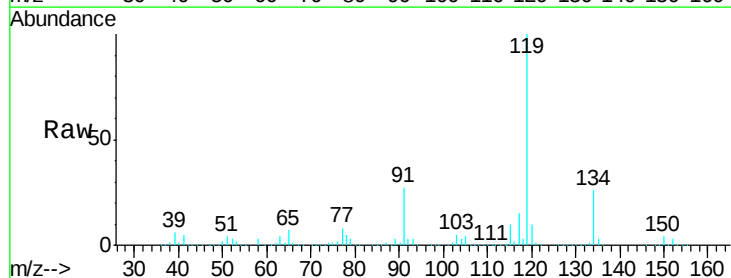
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

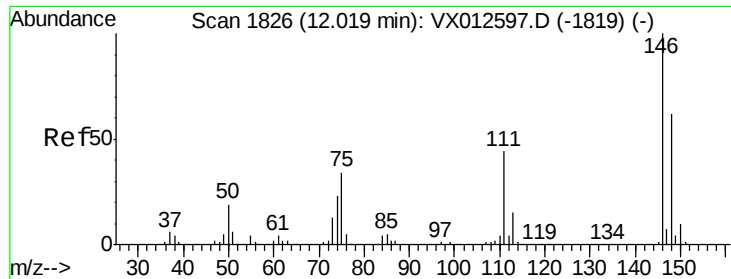
Tgt Ion:105 Resp: 488447
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.799 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion:119 Resp: 445512
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 25.9 12.8 38.4

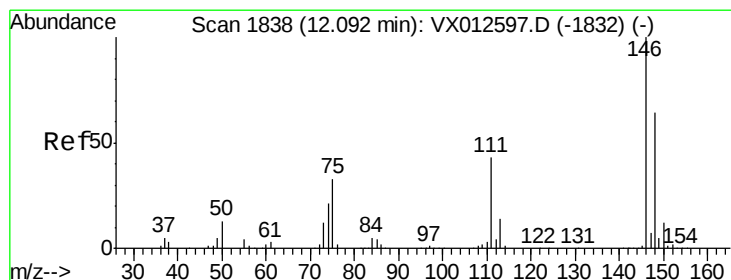
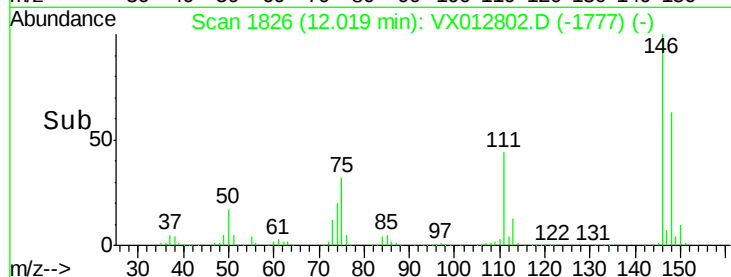
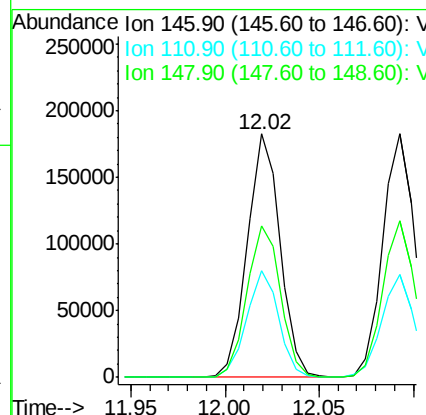
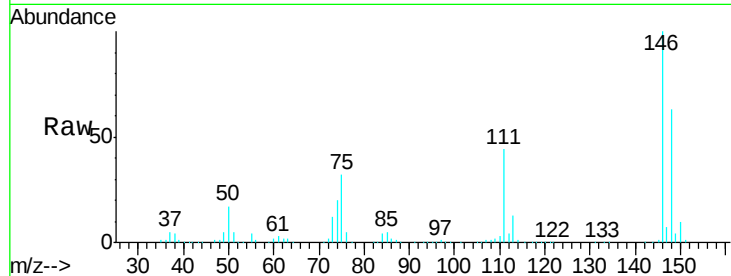




#87
 1,3-Dichlorobenzene
 Concen: 54.420 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

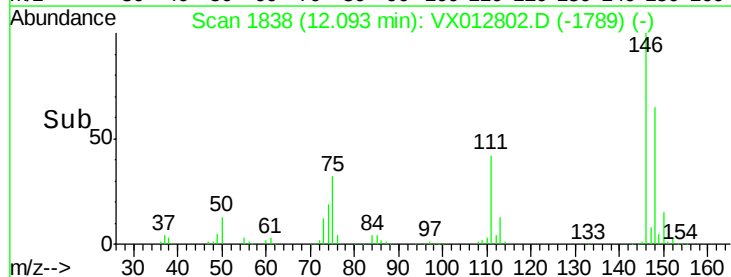
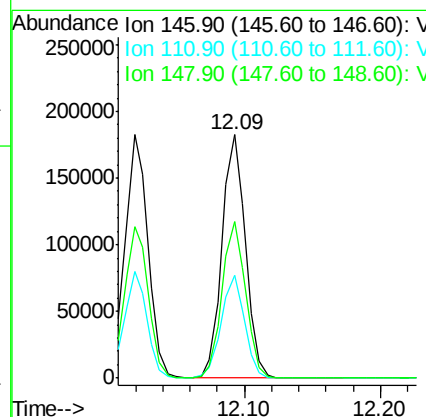
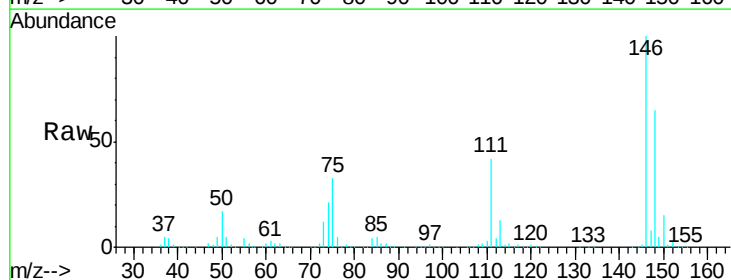
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

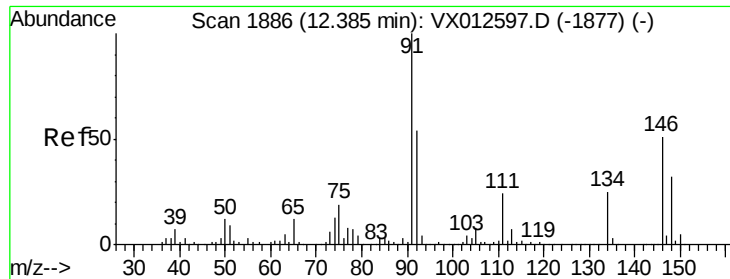
Tgt Ion:146 Resp: 220304
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 64.0
 148 63.9 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 53.320 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion:146 Resp: 218114
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.3
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 54.263 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

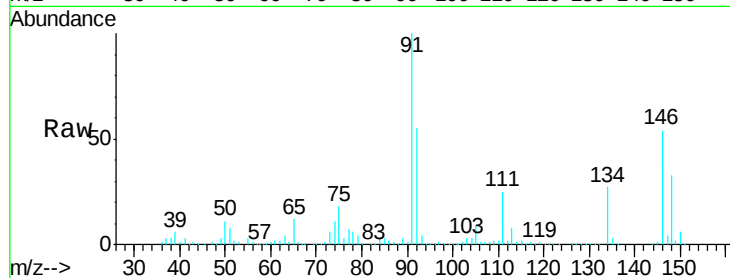
Tgt Ion: 91 Resp: 403467

Ion Ratio Lower Upper

91 100

92 54.1 27.7 83.0

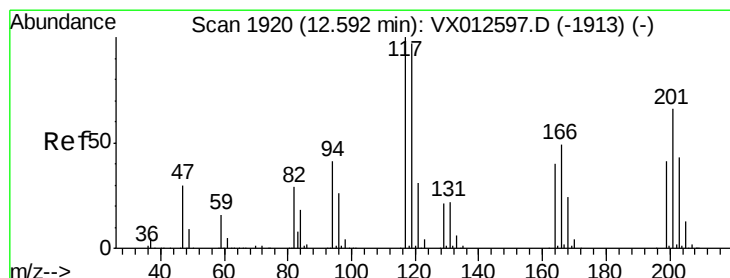
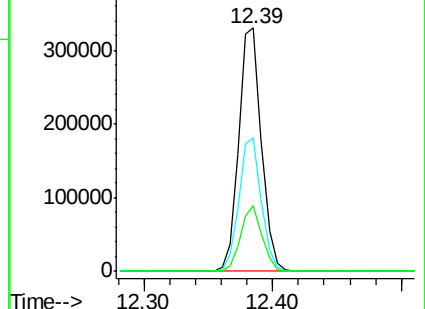
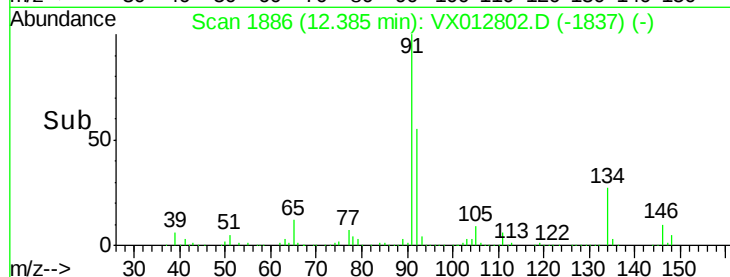
134 25.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)



#90

Hexachloroethane

Concen: 51.083 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012802.D

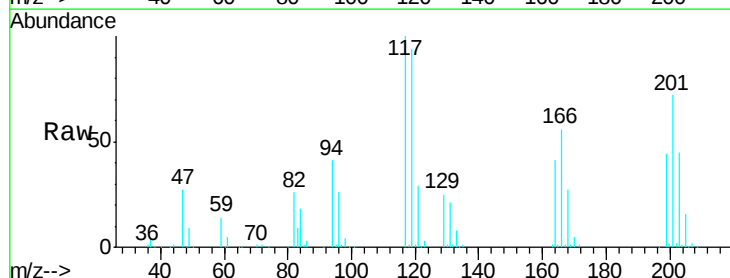
Acq: 04 Oct 2019 11:06

Tgt Ion: 117 Resp: 76845

Ion Ratio Lower Upper

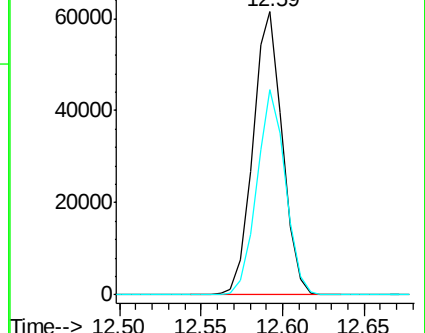
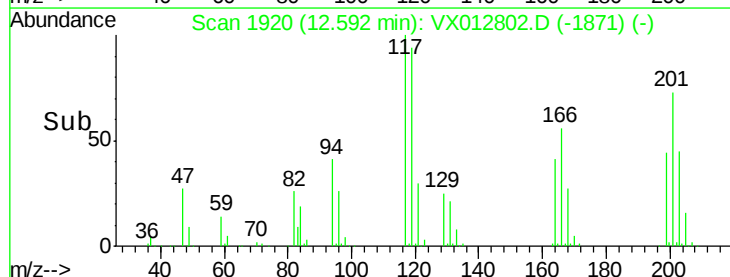
117 100

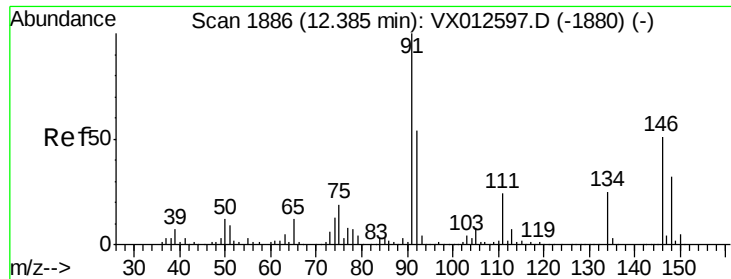
201 70.7 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)

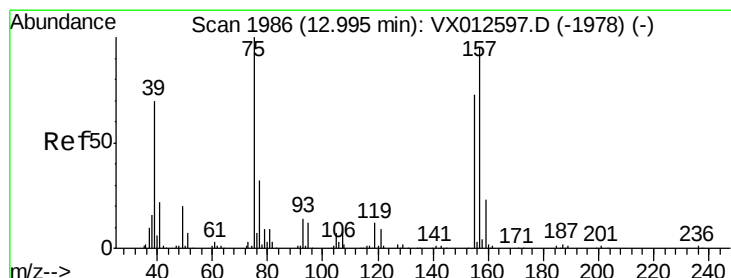
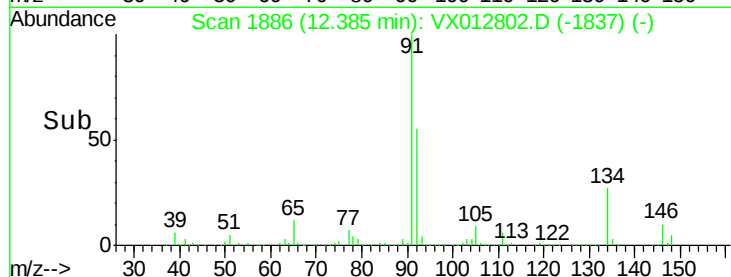
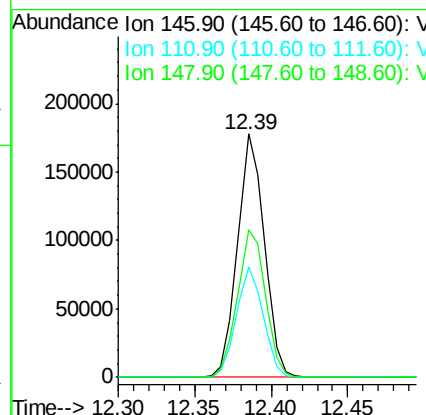
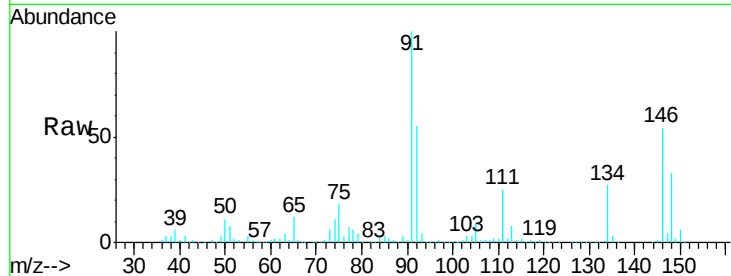




#91
 1,2-Dichlorobenzene
 Concen: 53.570 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

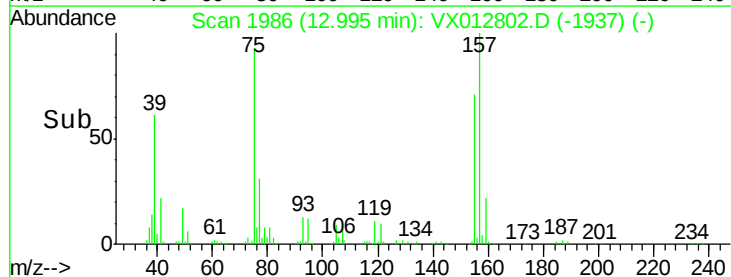
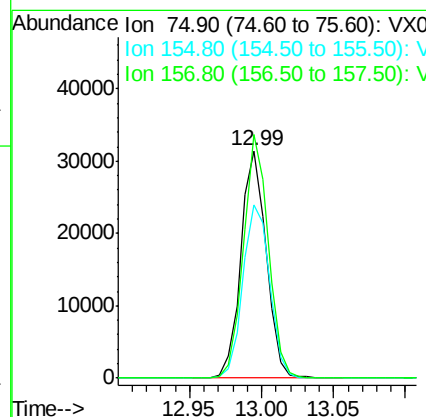
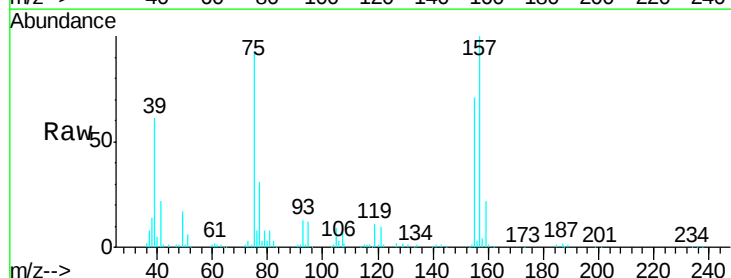
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

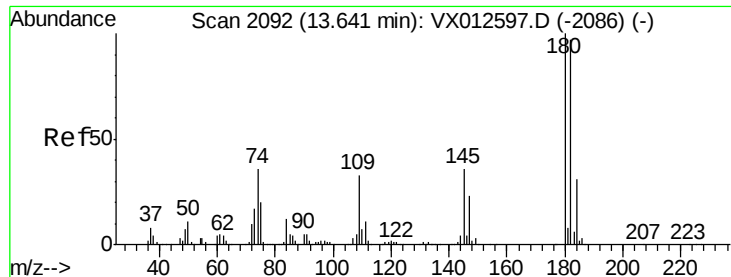
Tgt Ion: 146 Resp: 217113
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.1 66.1
 148 63.1 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.928 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 75 Resp: 38641
 Ion Ratio Lower Upper
 75 100
 155 79.8 38.6 115.8
 157 104.4 50.6 151.9

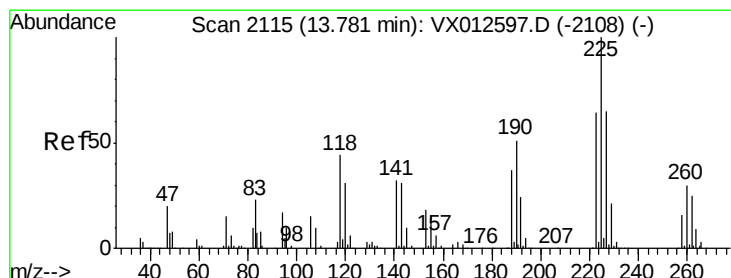
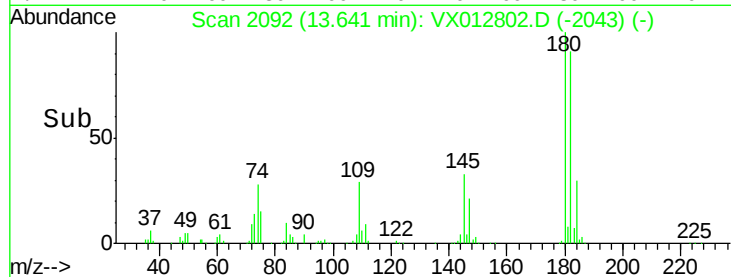
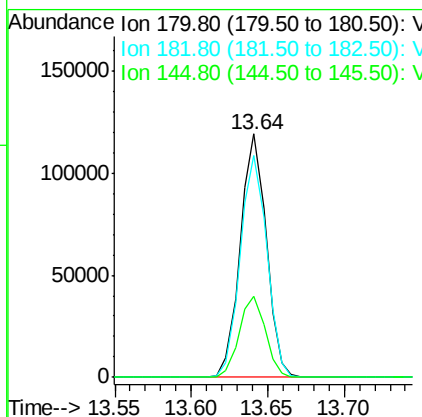
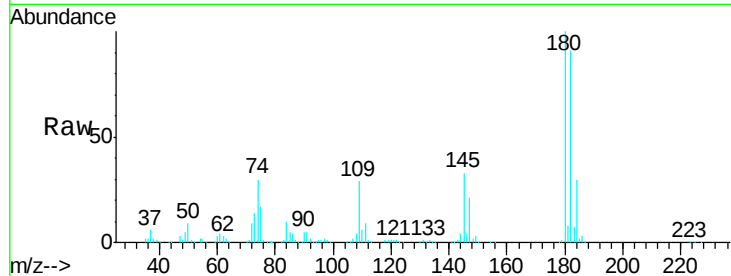




#93
 1,2,4-Trichlorobenzene
 Concen: 56.944 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

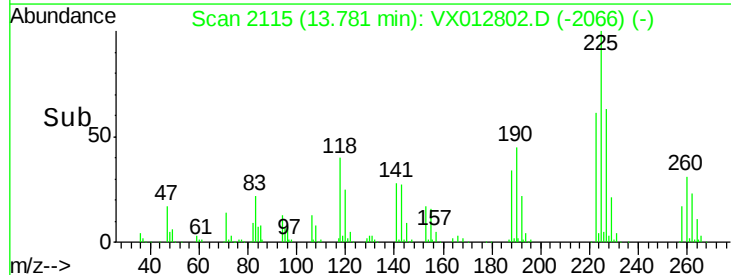
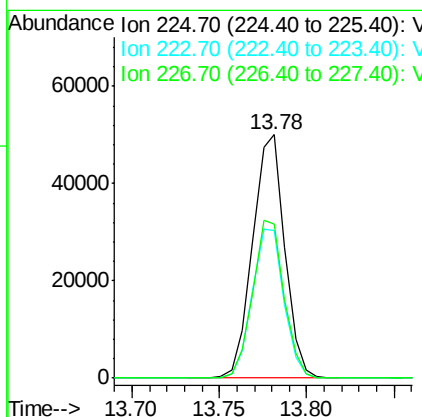
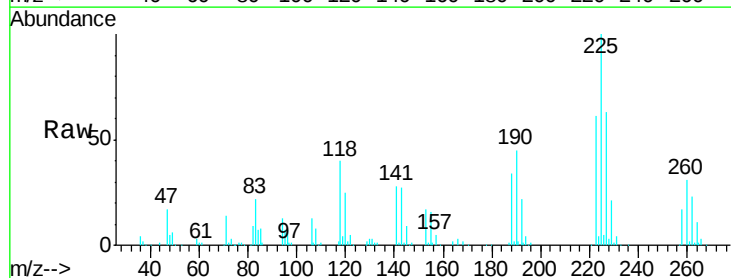
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

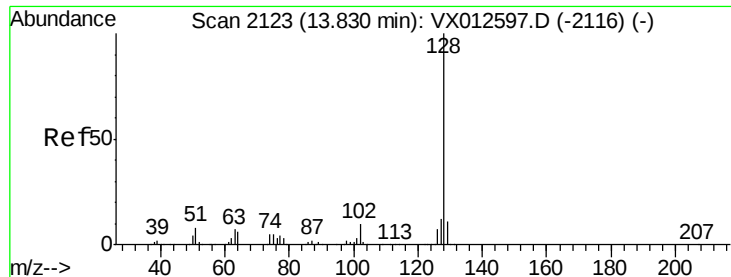
Tgt Ion:180 Resp: 140746
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.0
 145 33.6 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 59.886 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion:225 Resp: 63677
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.0 96.2
 227 63.5 31.9 95.5

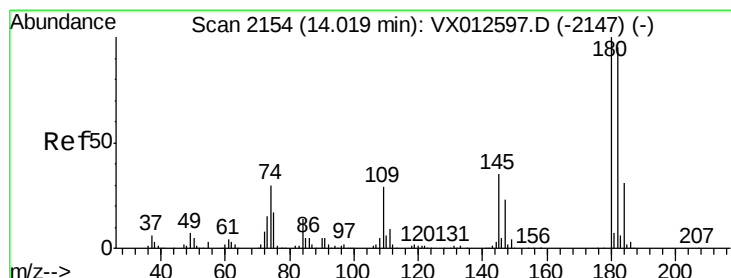
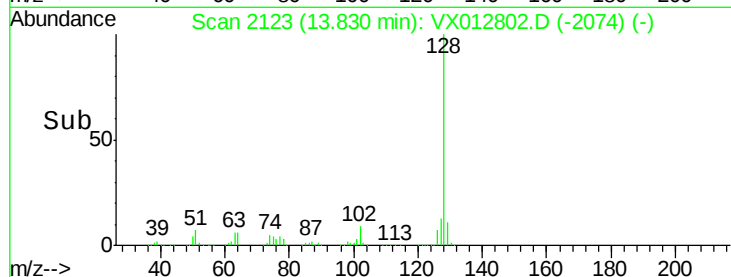
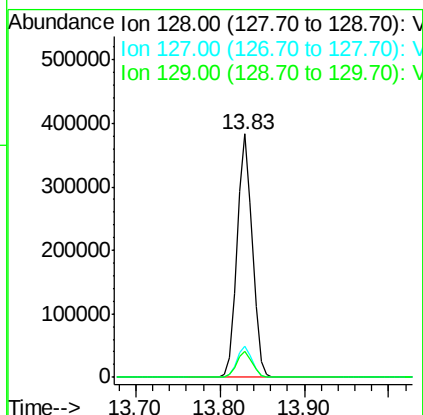
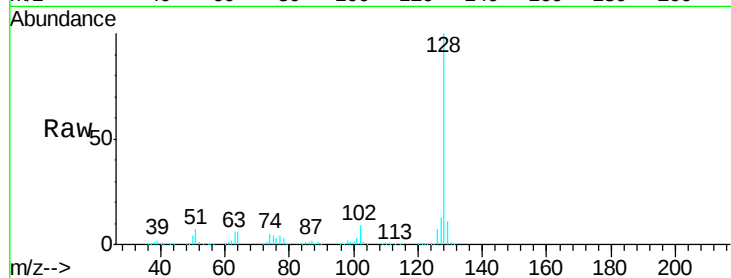




#95
Naphthalene
Concen: 51.770 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 462951
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.635 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion:180 Resp: 140223
Ion Ratio Lower Upper
180 100
182 93.4 47.1 141.3
145 34.8 18.0 54.0

