

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012776.D
 Acq On : 03 Oct 2019 11:10
 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 04 06:47:47 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	176383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	121428	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	93311	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
50) Toluene-d8	8.71	98	354837	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.13	95	140516	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	92978	46.858	ug/l	96
3) Chloromethane	1.32	50	97215	42.666	ug/l	98
4) Vinyl Chloride	1.40	62	107027	47.258	ug/l	98
5) Bromomethane	1.62	94	36209	40.664	ug/l	96
6) Chloroethane	1.70	64	67659	44.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	160664	50.527	ug/l	99
8) Diethyl Ether	2.18	74	61978	47.563	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105296	54.369	ug/l	96
10) Methyl Iodide	2.50	142	92385	45.748	ug/l	94
11) Tert butyl alcohol	3.04	59	146778	228.761	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99646	52.544	ug/l	93
13) Acrolein	2.28	56	74599	210.403	ug/l	98
14) Allyl chloride	2.72	41	185030	49.177	ug/l	97
15) Acrylonitrile	3.13	53	316071	242.811	ug/l	98
16) Acetone	2.44	43	347566	255.474	ug/l	95
17) Carbon Disulfide	2.56	76	247087	46.475	ug/l	99
18) Methyl Acetate	2.76	43	155406	48.512	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	363824	50.685	ug/l	97
20) Methylene Chloride	2.84	84	114633	49.817	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	108672	51.724	ug/l	98
22) Diisopropyl ether	3.84	45	363506	49.999	ug/l	93
23) Vinyl Acetate	3.80	43	1573808	246.847	ug/l	98
24) 1,1-Dichloroethane	3.68	63	200745	50.797	ug/l	98
25) 2-Butanone	4.65	43	466487	239.136	ug/l	95
26) 2,2-Dichloropropane	4.57	77	179268	51.004	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	124633	51.125	ug/l	93
28) Bromochloromethane	5.00	49	70219	48.935	ug/l	96
29) Tetrahydrofuran	5.11	42	279072	234.717	ug/l	96
30) Chloroform	5.20	83	204837	50.663	ug/l	98
31) Cyclohexane	5.56	56	181101	50.655	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	181955	50.778	ug/l	99
36) 1,1-Dichloropropene	5.78	75	153491	54.470	ug/l	97
37) Ethyl Acetate	4.81	43	167126	50.730	ug/l	97
38) Carbon Tetrachloride	5.77	117	155701	54.393	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012776.D
 Acq On : 03 Oct 2019 11:10
 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 04 06:47:47 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)
39) Methylcyclohexane	7.45	83	189731	55.928	ug/l	95
40) Benzene	6.13	78	450586	54.345	ug/l	98
41) Methacrylonitrile	5.03	41	92693	50.147	ug/l	95
42) 1,2-Dichloroethane	6.18	62	166945	53.024	ug/l	98
43) Isopropyl Acetate	6.43	43	276217	50.136	ug/l	97
44) Trichloroethene	7.20	130	119924	56.579	ug/l	91
45) 1,2-Dichloropropane	7.50	63	117964	55.572	ug/l	99
46) Dibromomethane	7.65	93	77658	53.733	ug/l	99
47) Bromodichloromethane	7.89	83	158146	54.750	ug/l	99
48) Methyl methacrylate	7.76	41	134806	51.030	ug/l	92
49) 1,4-Dioxane	7.73	88	63913	1066.667	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	862148	253.512	ug/l	95
52) Toluene	8.78	92	288433	55.350	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178306	55.792	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	195369	55.989	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	115689	55.841	ug/l	99
56) Ethyl methacrylate	9.17	69	189801	54.532	ug/l	91
57) 1,3-Dichloropropane	9.37	76	197785	54.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	373537	239.089	ug/l	100
59) 2-Hexanone	9.48	43	678826	260.774	ug/l	93
60) Dibromochloromethane	9.57	129	122913	58.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122096	56.627	ug/l	100
64) Tetrachloroethene	9.33	164	108831	58.873	ug/l	94
65) Chlorobenzene	10.14	112	304988	54.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	114814	56.756	ug/l	98
67) Ethyl Benzene	10.25	91	556580	54.963	ug/l	99
68) m/p-Xylenes	10.35	106	422230	111.307	ug/l	99
69) o-Xylene	10.70	106	204278	55.653	ug/l	99
70) Styrene	10.71	104	356859	57.994	ug/l	99
71) Bromoform	10.85	173	82226	58.375	ug/l #	99
73) Isopropylbenzene	11.01	105	553882	53.227	ug/l	99
74) N-amyl acetate	10.89	43	245401	49.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	183497	53.244	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	210950	62.416	ug/l	87
77) Bromobenzene	11.25	156	125200	53.159	ug/l	97
78) n-propylbenzene	11.35	91	635369	54.233	ug/l	100
79) 2-Chlorotoluene	11.42	91	372806	51.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	460348	52.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59750	50.664	ug/l	98
82) 4-Chlorotoluene	11.51	91	436425	52.385	ug/l	99
83) tert-Butylbenzene	11.76	119	449326	53.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	475777	54.047	ug/l	100
85) sec-Butylbenzene	11.94	105	538749	55.026	ug/l	100
86) p-Isopropyltoluene	12.06	119	500305	56.631	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	237998	56.152	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238699	55.733	ug/l	99
89) n-Butylbenzene	12.39	91	438833	56.370	ug/l	99
90) Hexachloroethane	12.59	117	83514	53.025	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	234914	55.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43655	50.638	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012776.D
Acq On : 03 Oct 2019 11:10
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 04 06:47:47 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

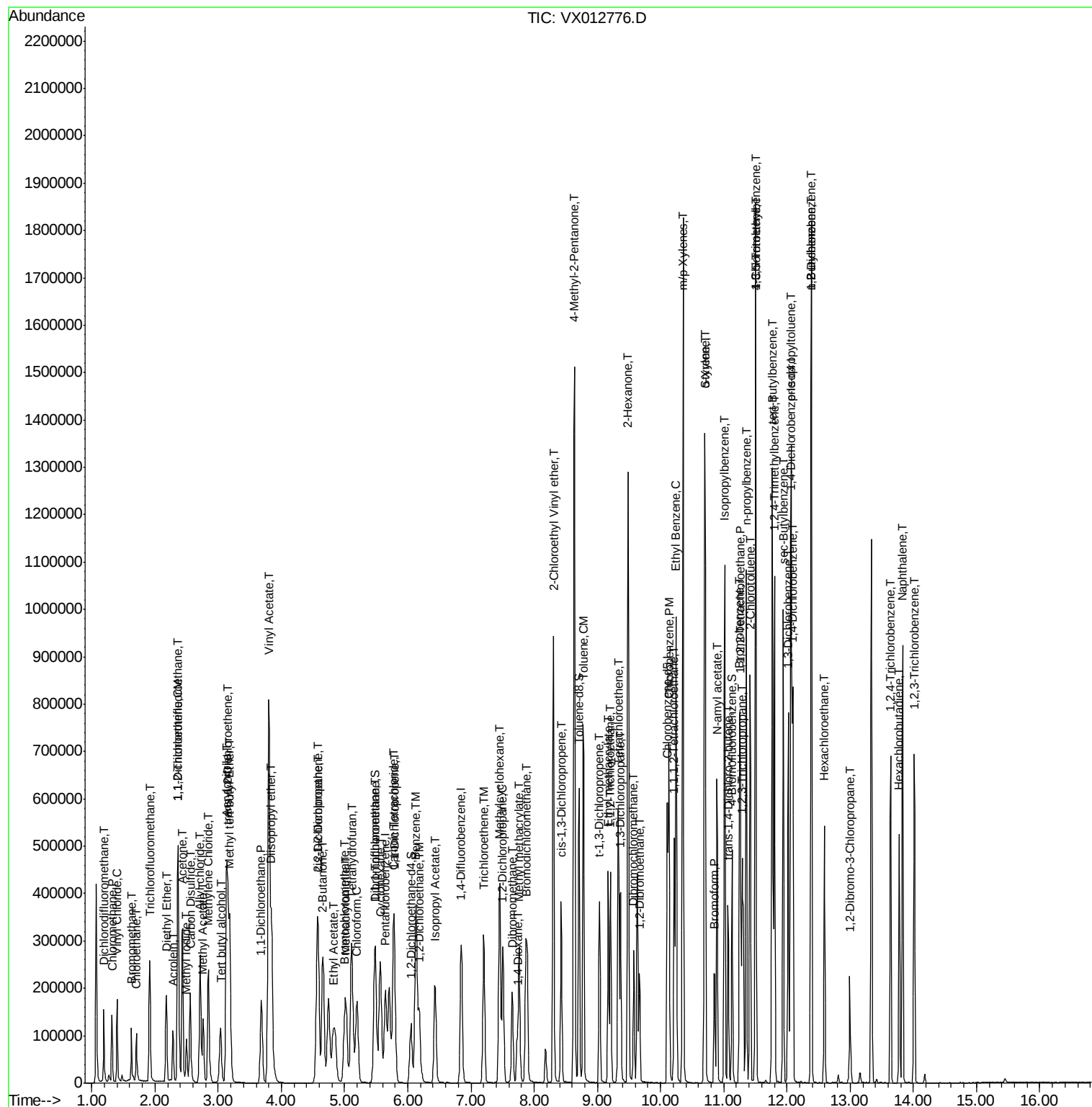
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154541	59.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	69860	62.752	ug/l	99
95) Naphthalene	13.83	128	529463	56.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	152386	58.785	ug/l	99

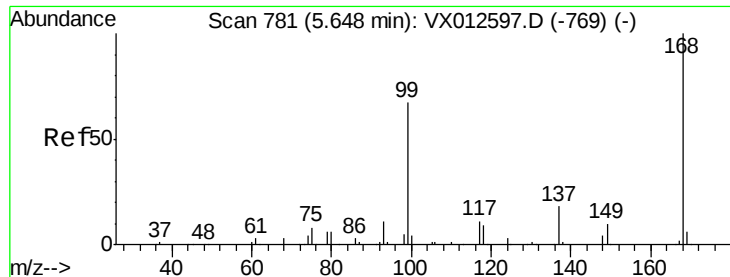
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012776.D
Acq On : 03 Oct 2019 11:10
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 04 06:47:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

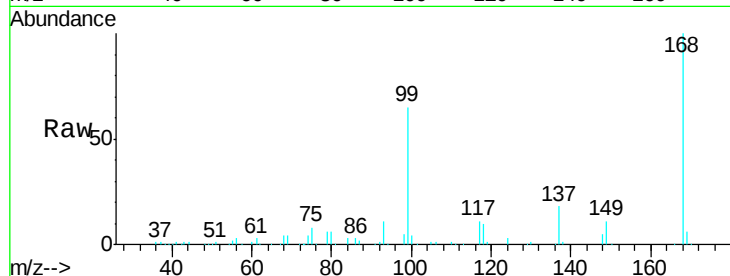
VSTDCCC050

Tgt Ion:168 Resp: 176383

Ion Ratio Lower Upper

168 100

99 64.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

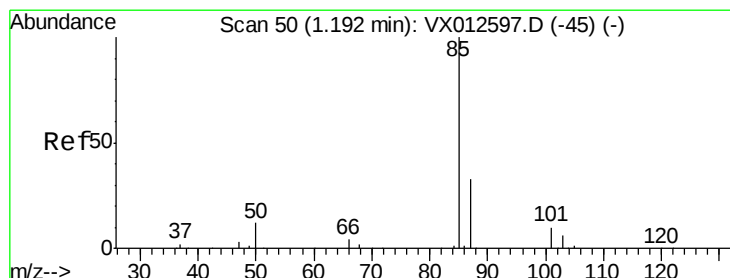
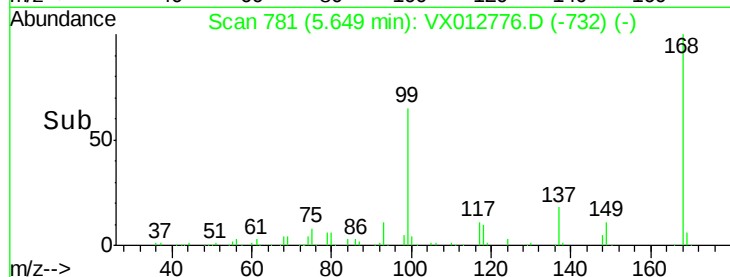
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 46.858 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012776.D

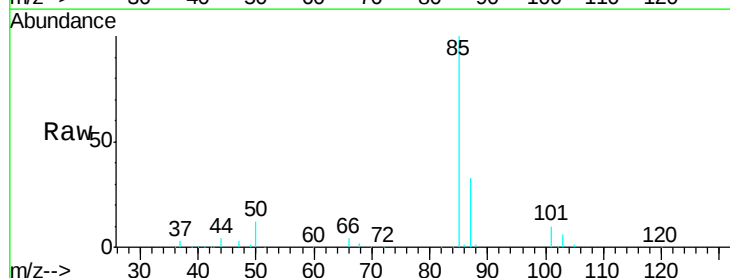
Acq: 03 Oct 2019 11:10

Tgt Ion: 85 Resp: 92978

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

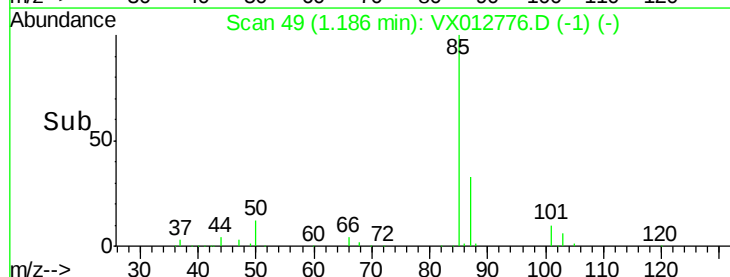
60000

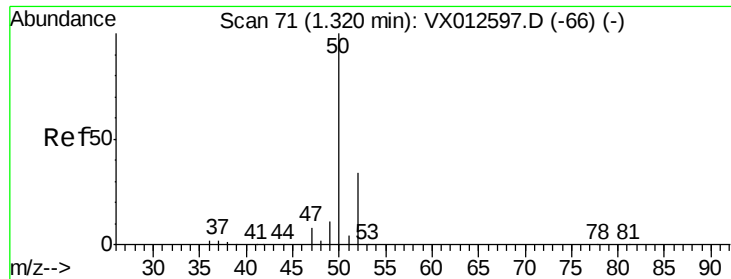
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.666 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

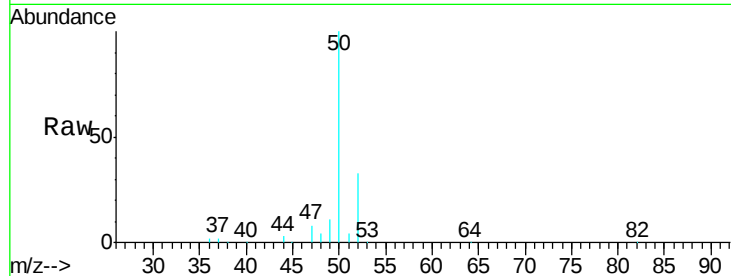
VSTDCCC050

Tgt Ion: 50 Resp: 97215

Ion Ratio Lower Upper

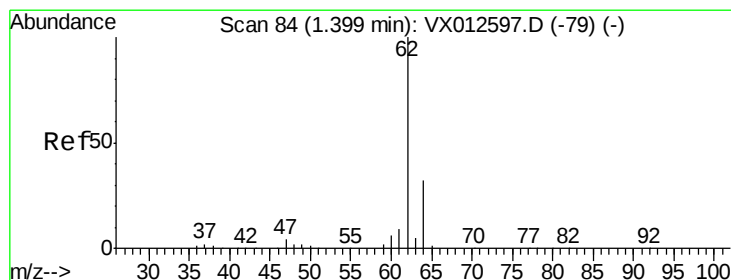
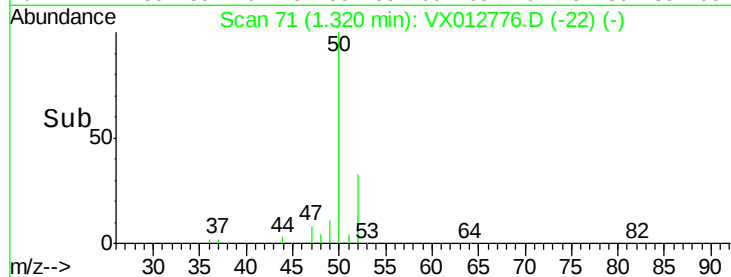
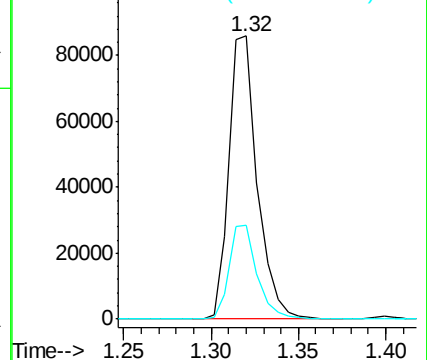
50 100

52 33.0 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: 47.258 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012776.D

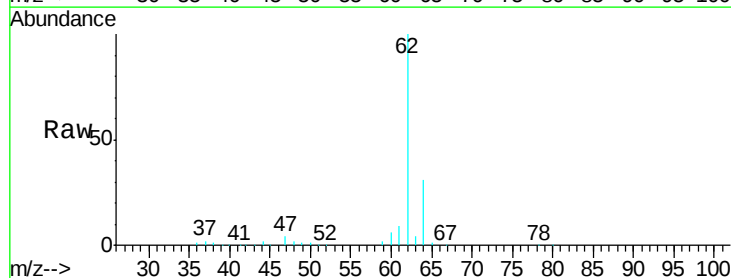
Acq: 03 Oct 2019 11:10

Tgt Ion: 62 Resp: 107027

Ion Ratio Lower Upper

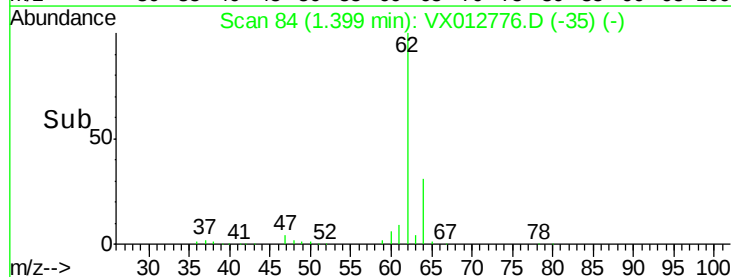
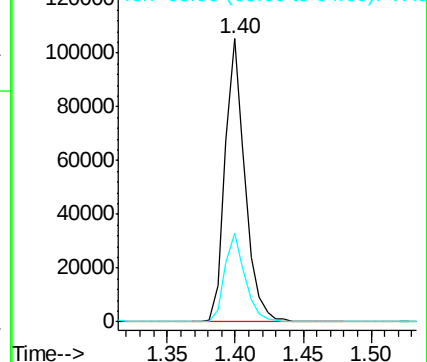
62 100

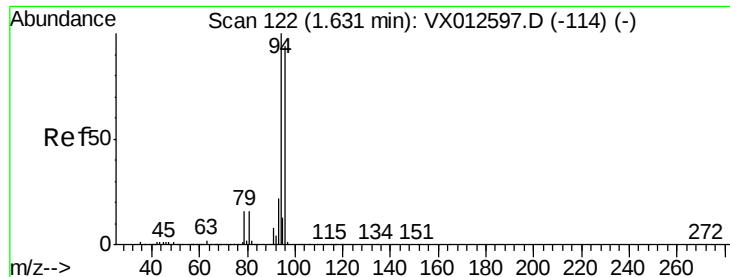
64 31.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.664 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

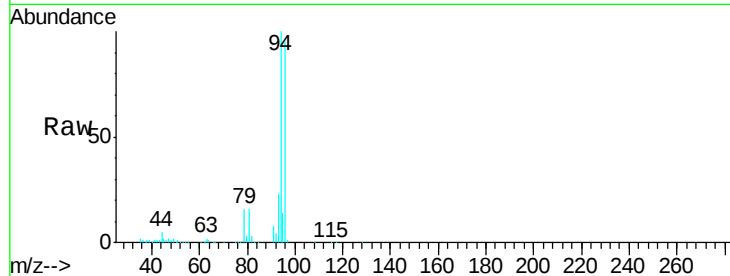
VSTDCCC050

Tgt Ion: 94 Resp: 36209

Ion Ratio Lower Upper

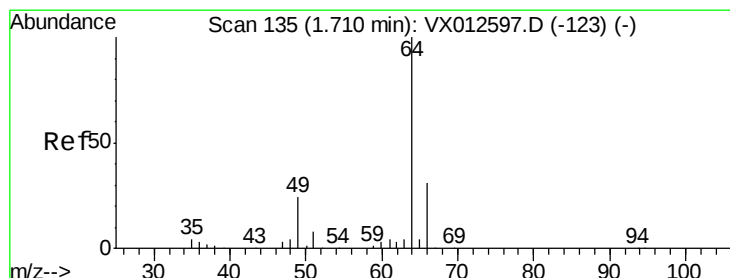
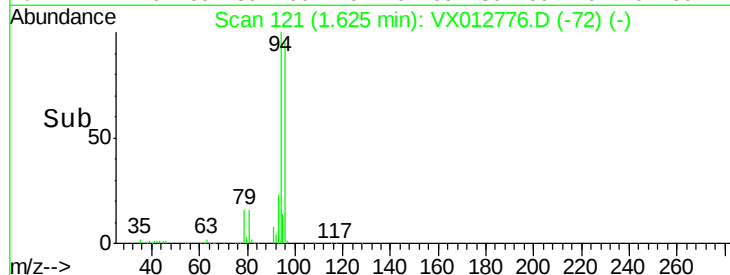
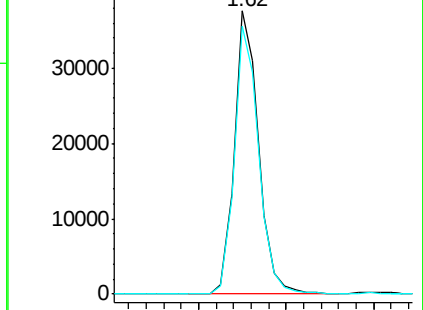
94 100

96 94.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.316 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012776.D

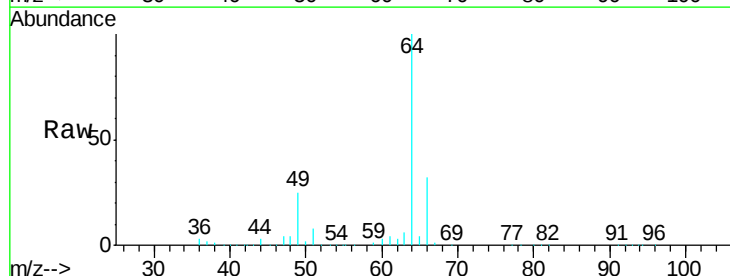
Acq: 03 Oct 2019 11:10

Tgt Ion: 64 Resp: 67659

Ion Ratio Lower Upper

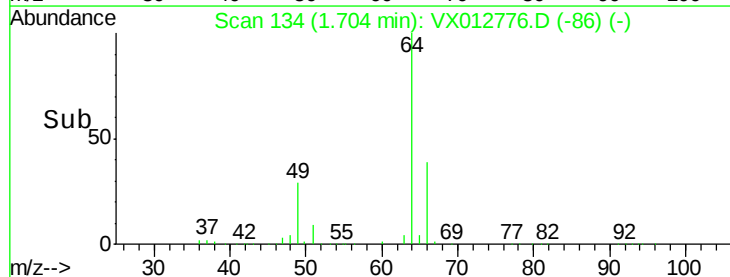
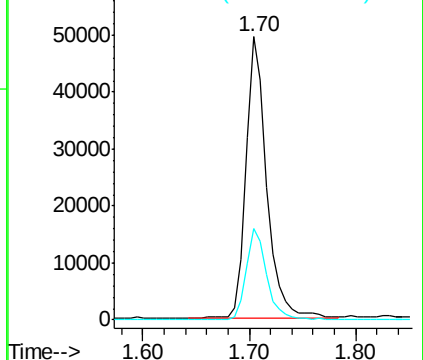
64 100

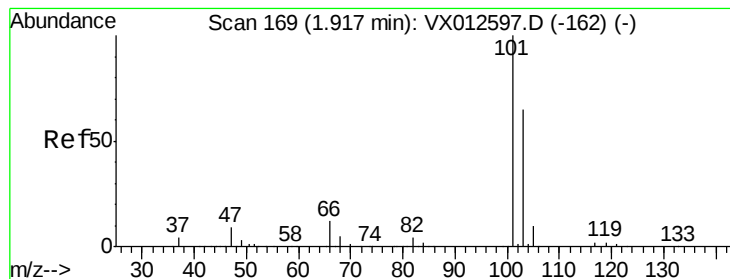
66 32.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



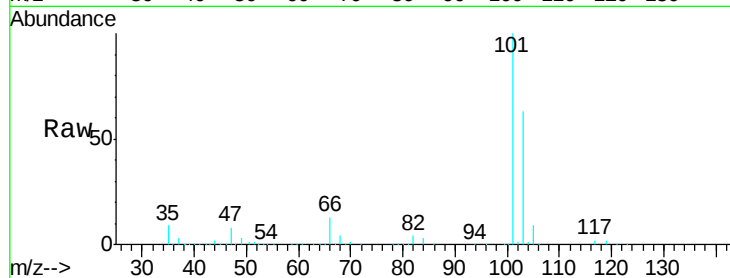


#7

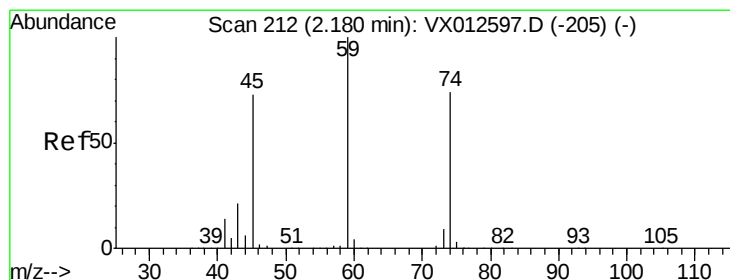
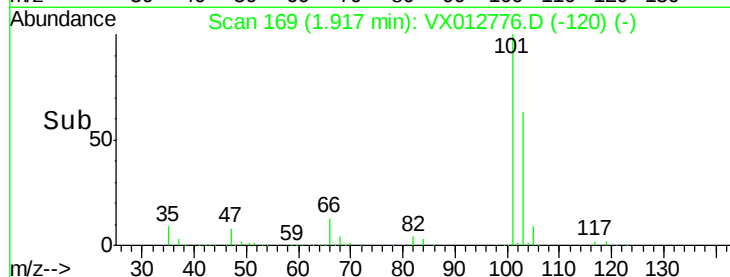
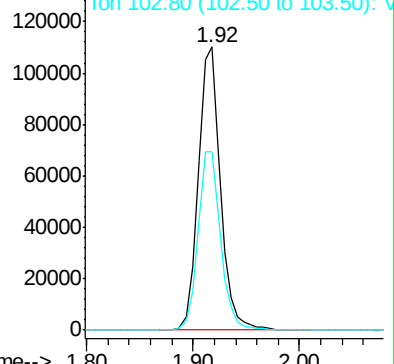
Trichlorofluoromethane
Concen: 50.527 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 160664
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4



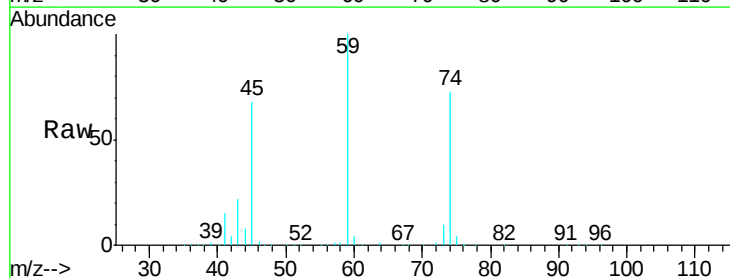
Abundance Ion 100.90 (100.60 to 101.60): V



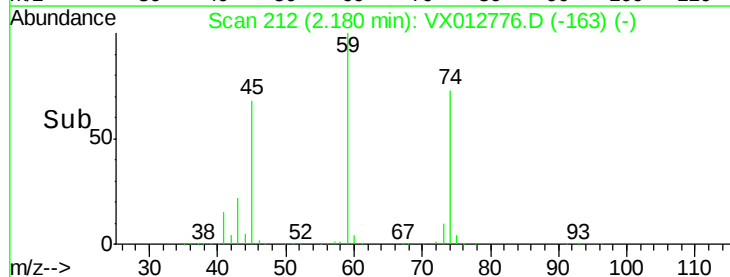
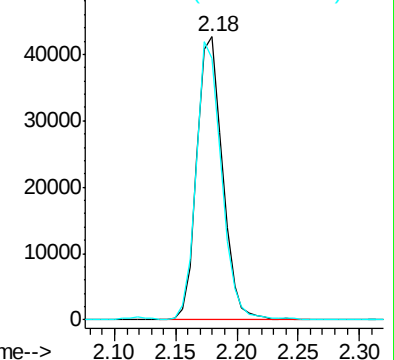
#8

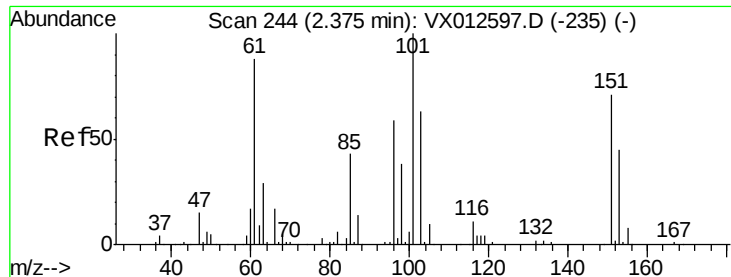
Diethyl Ether
Concen: 47.563 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 74 Resp: 61978
Ion Ratio Lower Upper
74 100
45 95.1 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.369 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

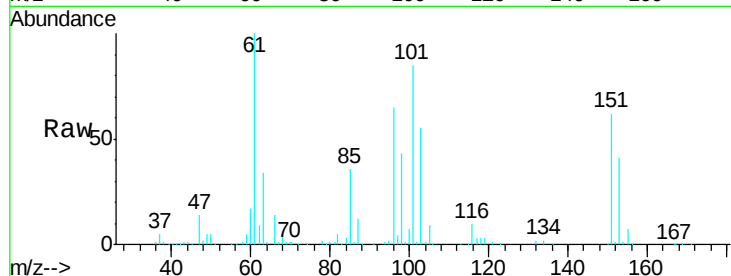
Tgt Ion:101 Resp: 105296

Ion Ratio Lower Upper

101 100

85 43.6 37.3 55.9

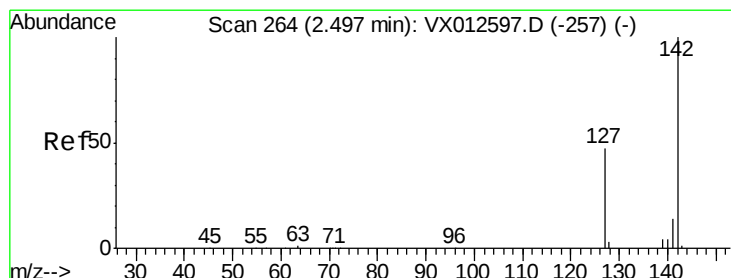
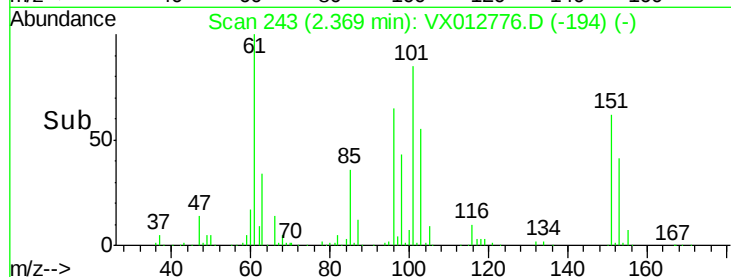
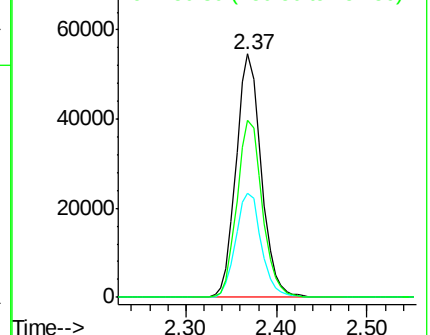
151 73.4 61.0 91.4



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: 45.748 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

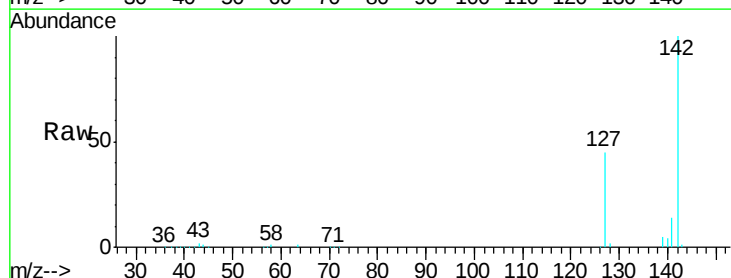
Tgt Ion:142 Resp: 92385

Ion Ratio Lower Upper

142 100

127 45.8 40.8 61.2

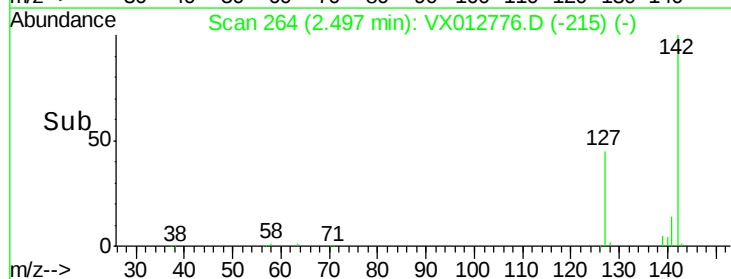
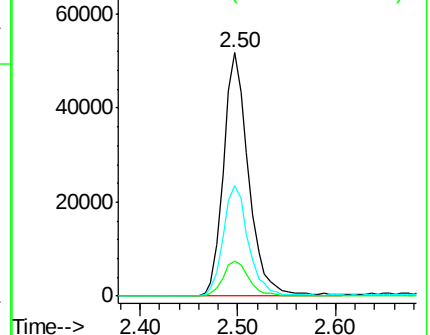
141 14.9 12.1 18.1

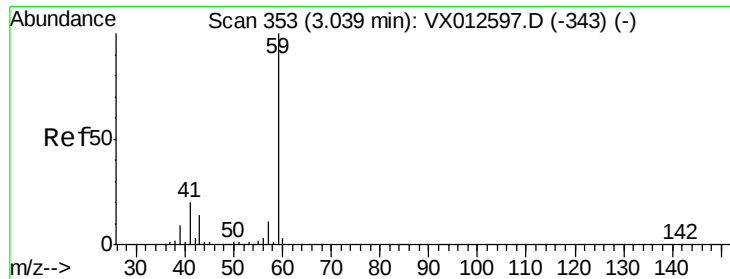


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

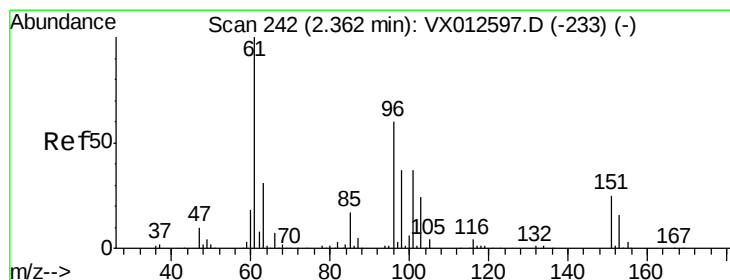
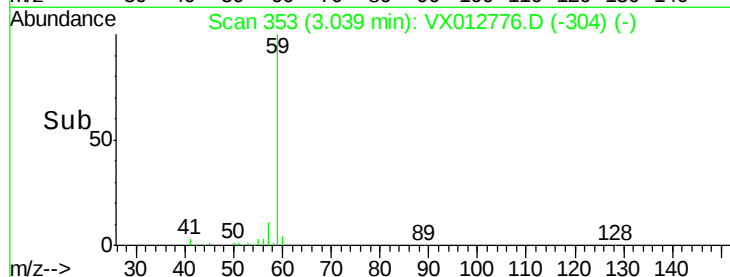
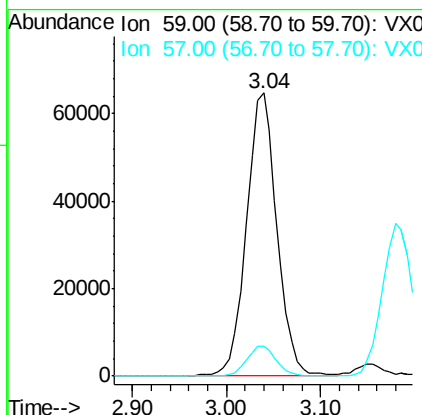
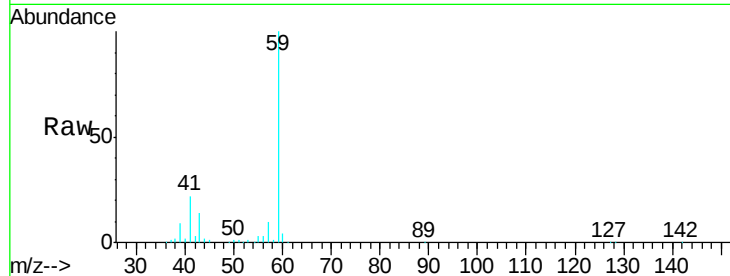




#11
Tert butyl alcohol
Concen: 228.761 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

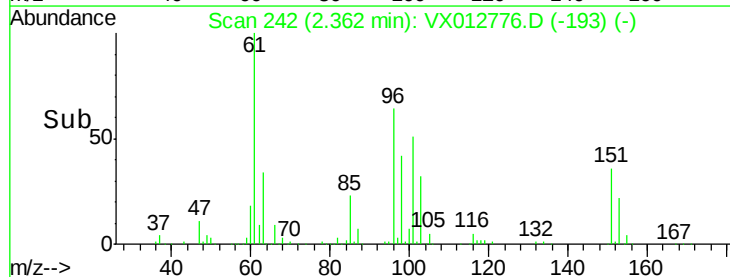
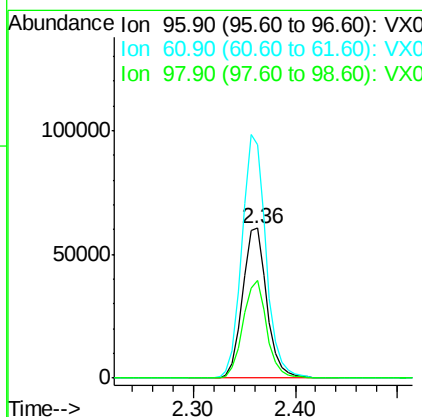
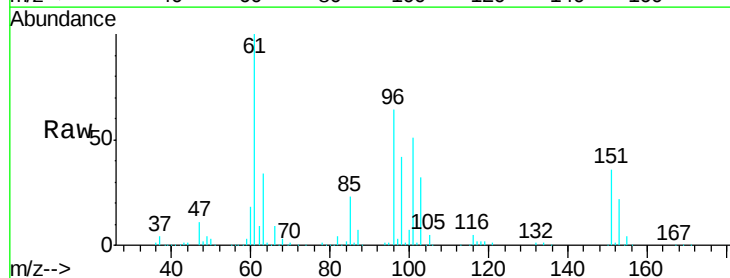
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

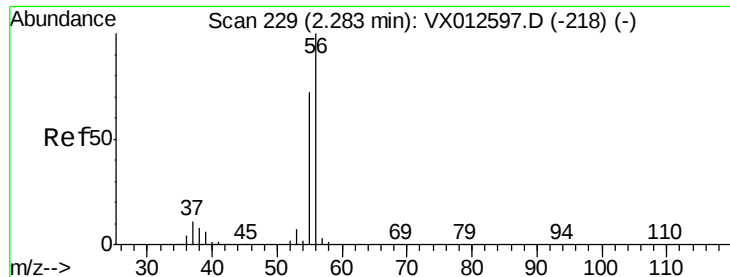
Tgt Ion: 59 Resp: 146778
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.544 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 96 Resp: 99646
Ion Ratio Lower Upper
96 100
61 155.8 133.8 200.6
98 65.2 49.9 74.9





#13

Acrolein

Concen: 210.403 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

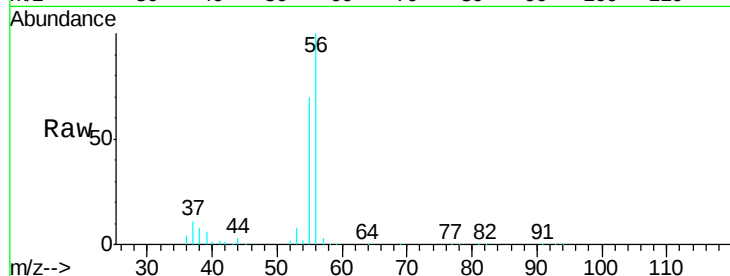
VSTDCCC050

Tgt Ion: 56 Resp: 74599

Ion Ratio Lower Upper

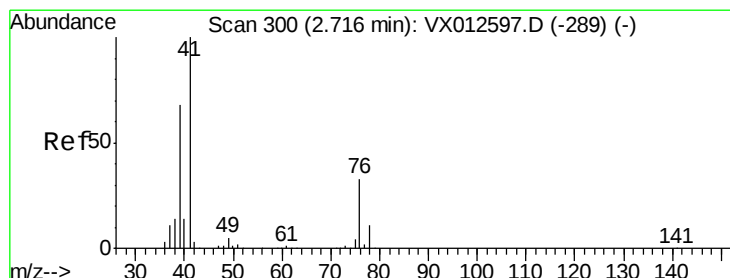
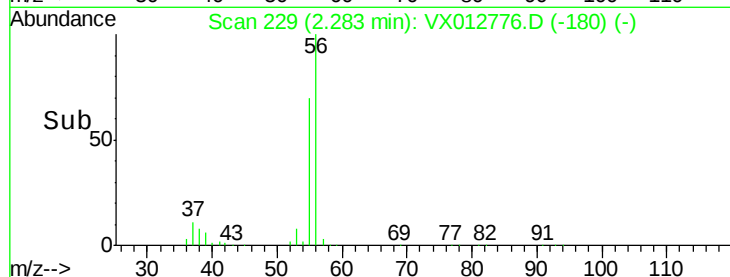
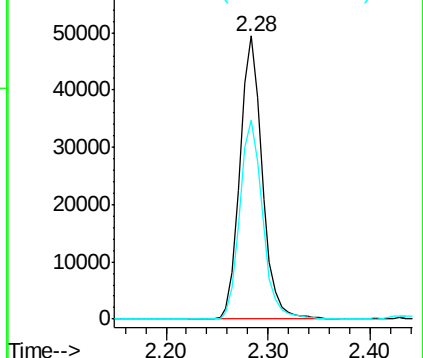
56 100

55 71.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.177 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

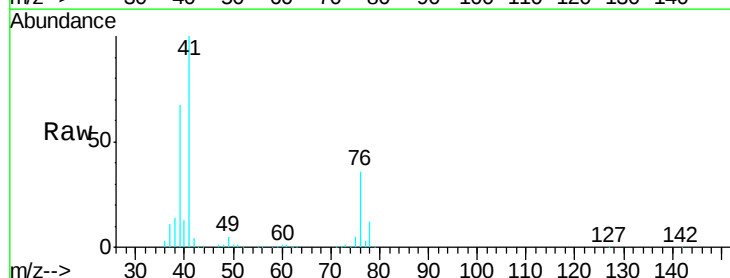
Tgt Ion: 41 Resp: 185030

Ion Ratio Lower Upper

41 100

39 63.0 51.3 76.9

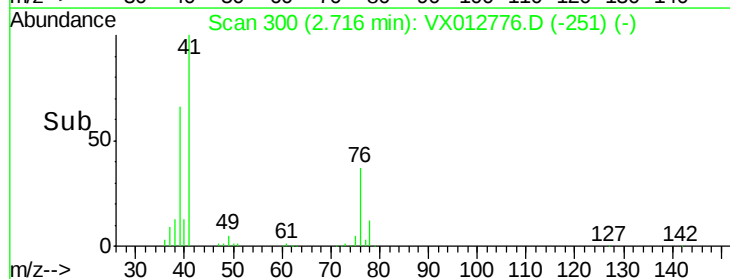
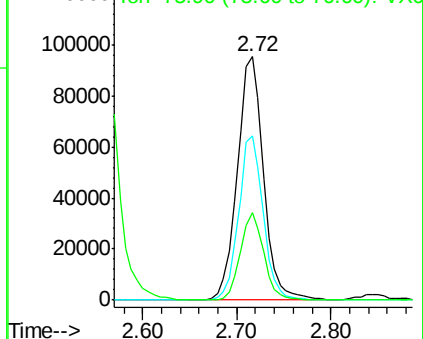
76 32.2 22.6 33.8

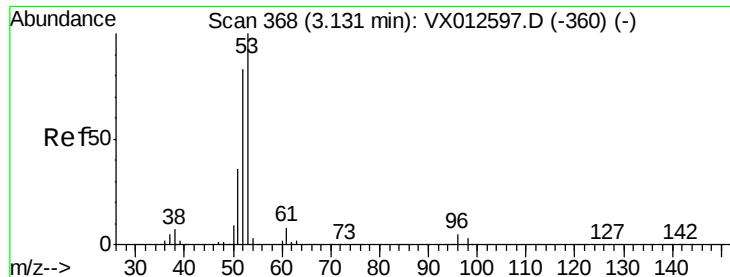


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 242.811 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

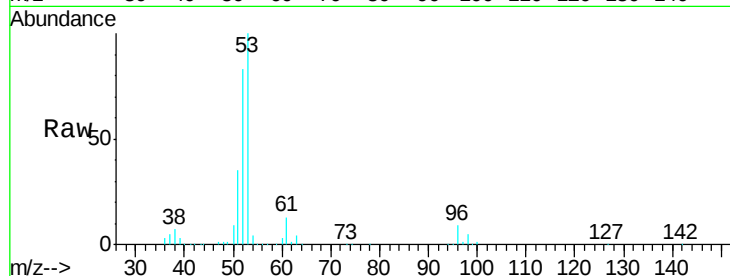
Tgt Ion: 53 Resp: 316071

Ion Ratio Lower Upper

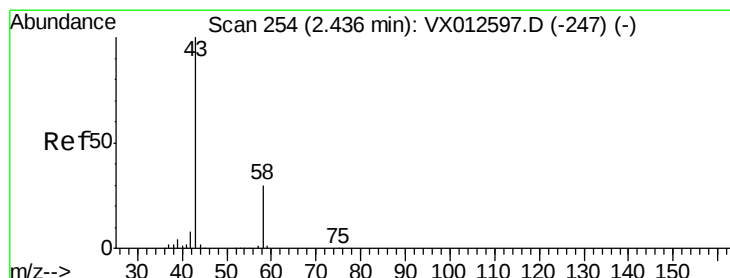
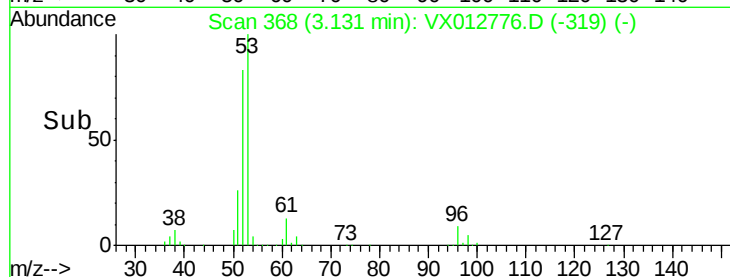
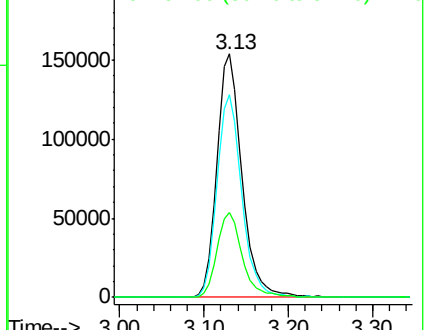
53 100

52 82.5 67.0 100.4

51 35.5 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: 255.474 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012776.D

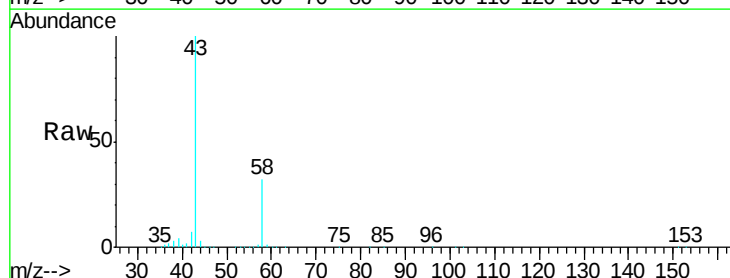
Acq: 03 Oct 2019 11:10

Tgt Ion: 43 Resp: 347566

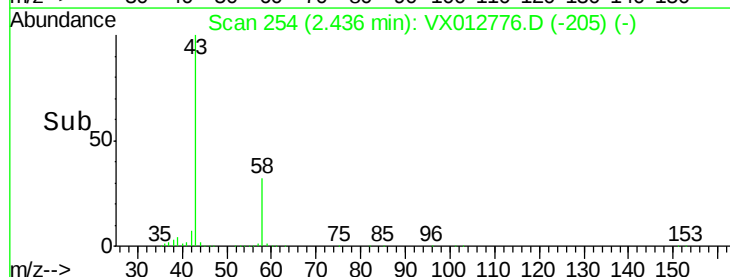
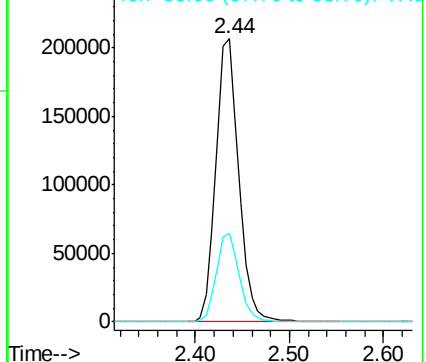
Ion Ratio Lower Upper

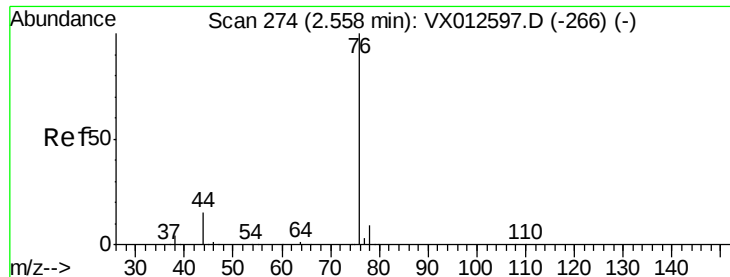
43 100

58 31.6 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: 46.475 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

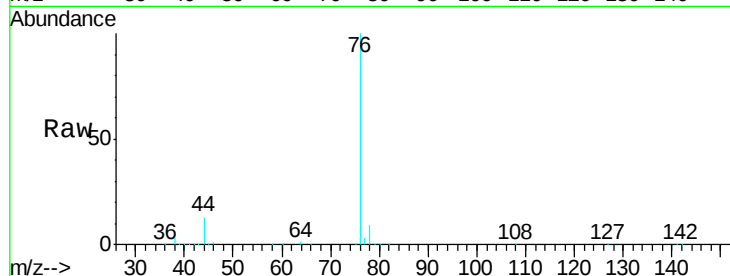
VSTDCCC050

Tgt Ion: 76 Resp: 247087

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

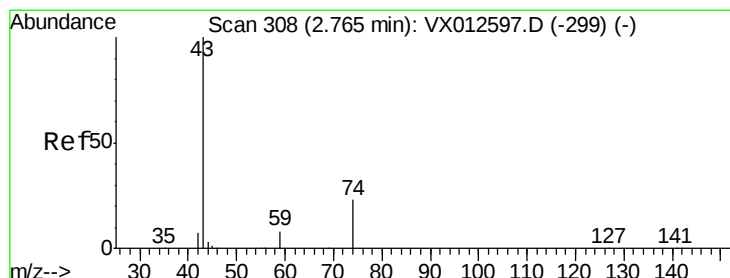
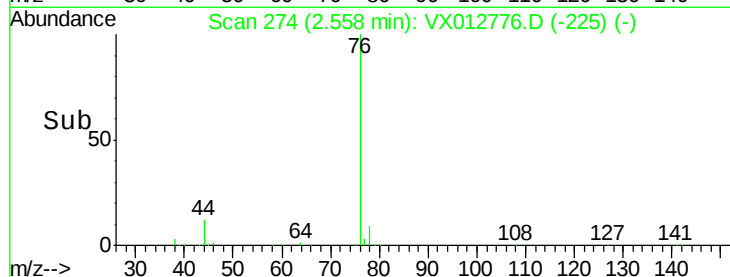
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.512 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012776.D

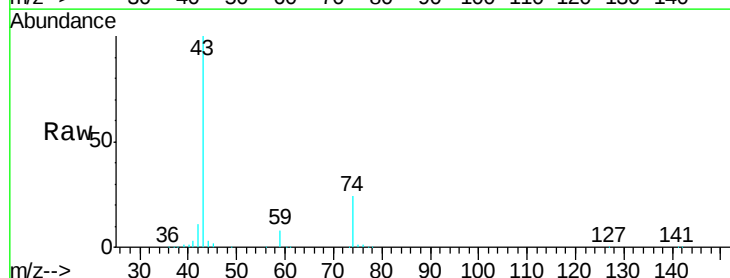
Acq: 03 Oct 2019 11:10

Tgt Ion: 43 Resp: 155406

Ion Ratio Lower Upper

43 100

74 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

40000

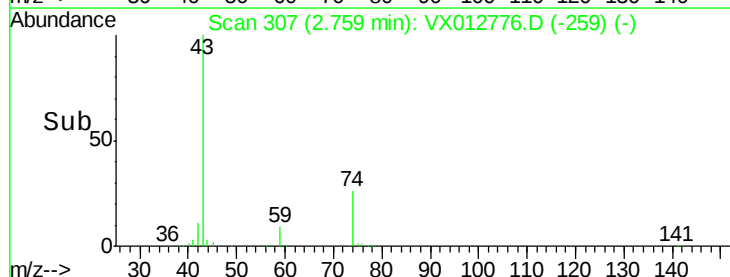
20000

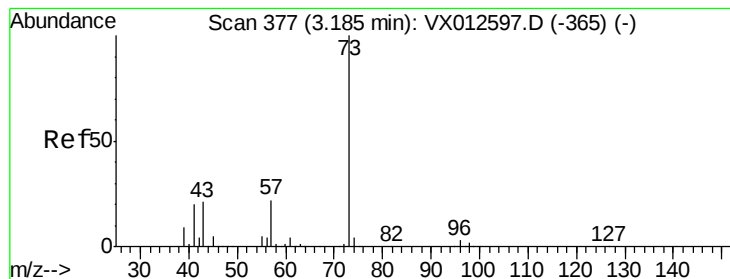
0

Time-->

2.70

2.80



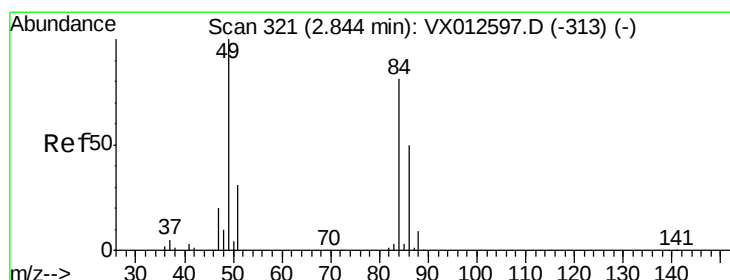
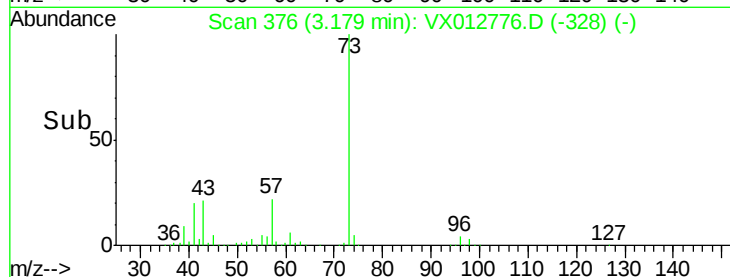
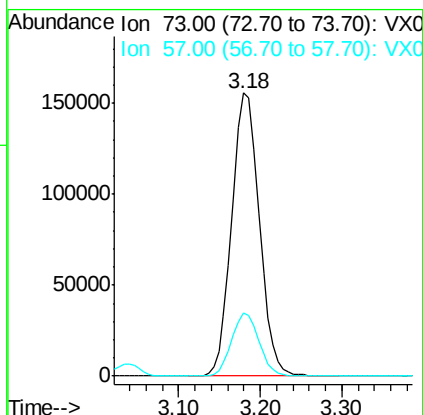
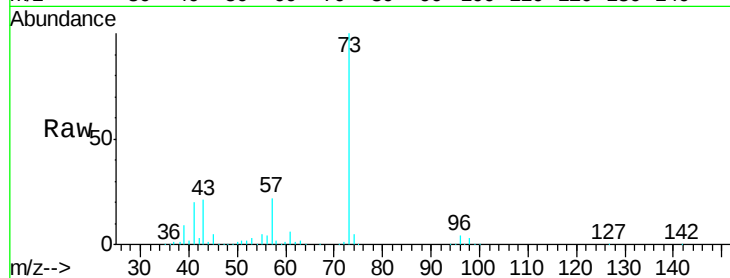


#19

Methyl tert-butyl Ether
 Concen: 50.685 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

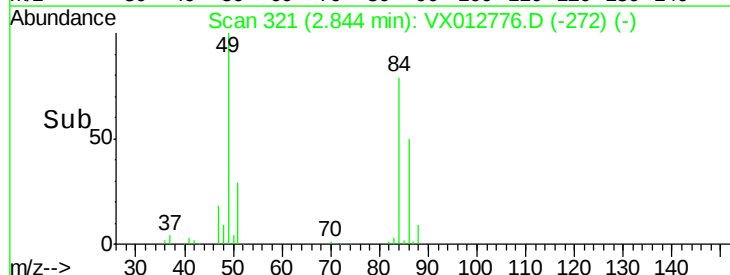
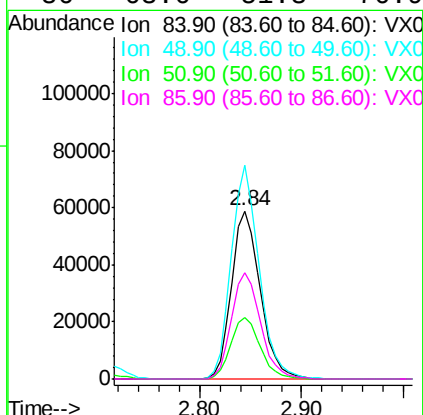
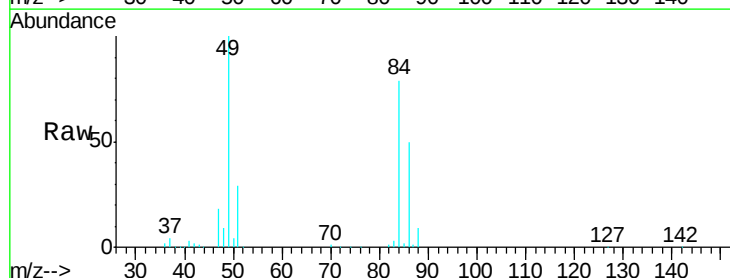
Tgt Ion: 73 Resp: 363824
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.8 25.2

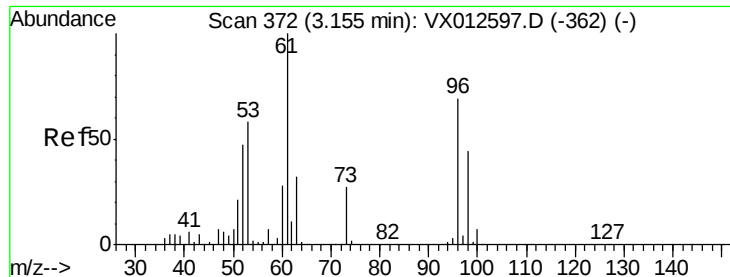


#20

Methylene Chloride
 Concen: 49.817 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 84 Resp: 114633
 Ion Ratio Lower Upper
 84 100
 49 127.0 106.8 160.2
 51 36.5 32.3 48.5
 86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.724 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

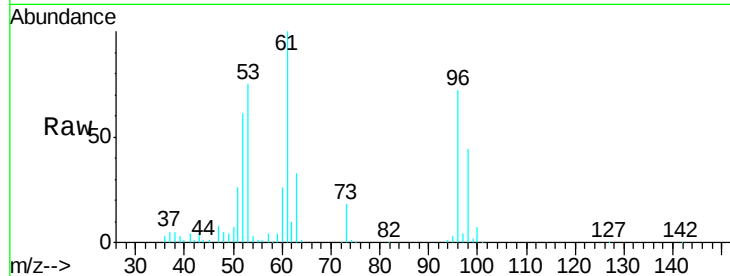
Tgt Ion: 96 Resp: 108672

Ion Ratio Lower Upper

96 100

61 138.3 112.0 168.0

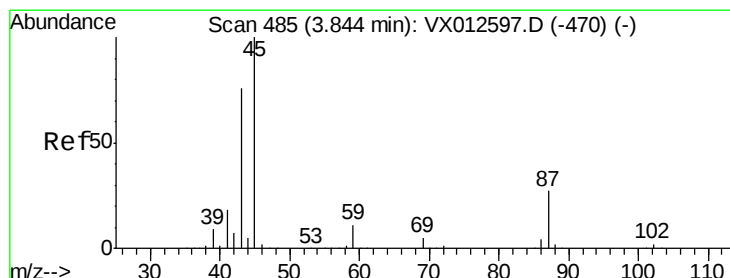
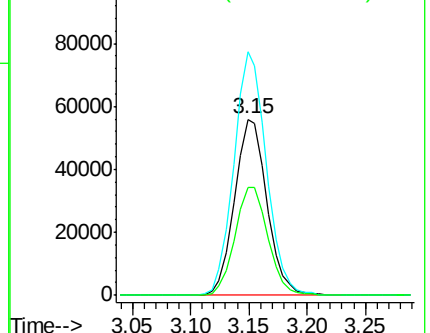
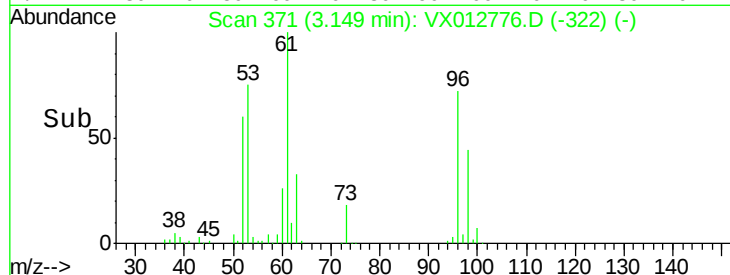
98 61.4 47.8 71.8



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: 49.999 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion: 45 Resp: 363506

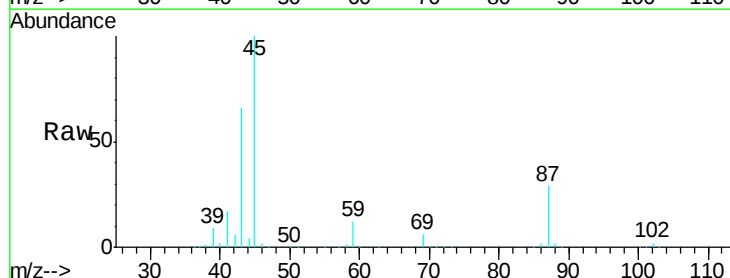
Ion Ratio Lower Upper

45 100

43 65.5 57.8 86.8

87 28.6 21.3 31.9

59 11.5 8.5 12.7

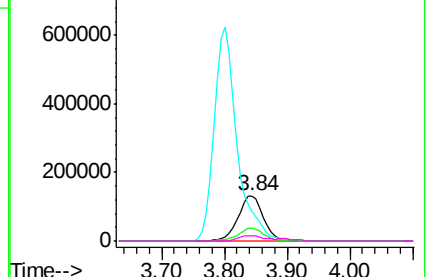
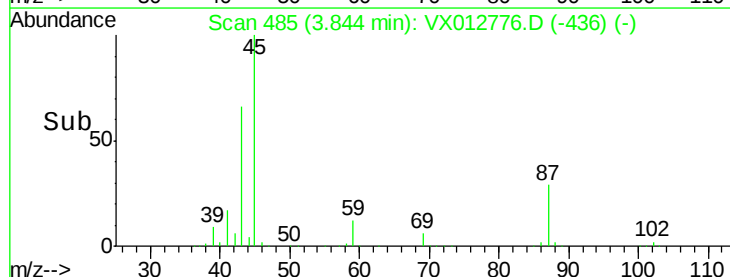


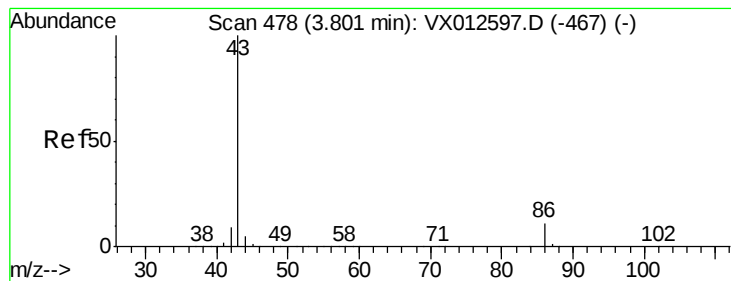
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

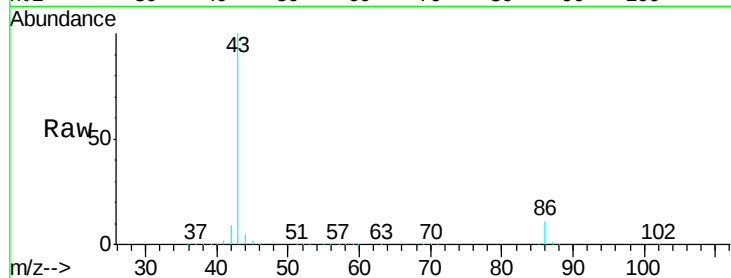
VSTDCCC050

Tgt Ion: 43 Resp: 1573808

Ion Ratio Lower Upper

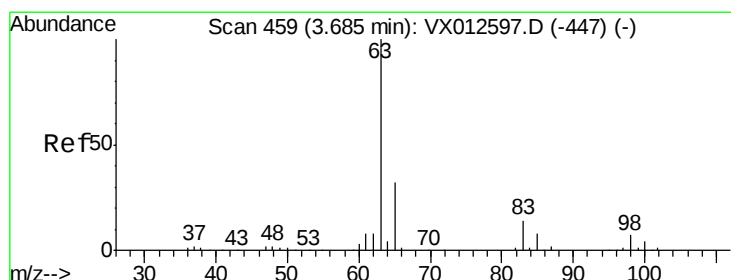
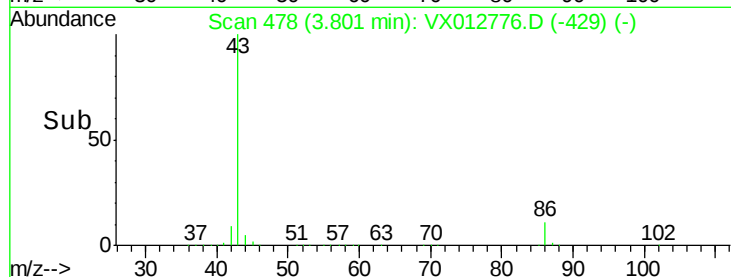
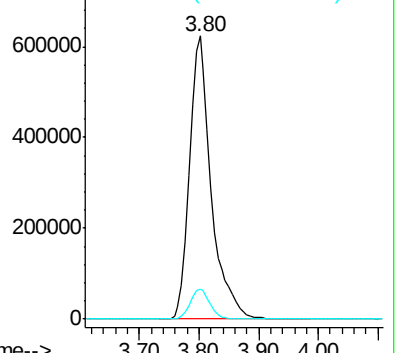
43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.797 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

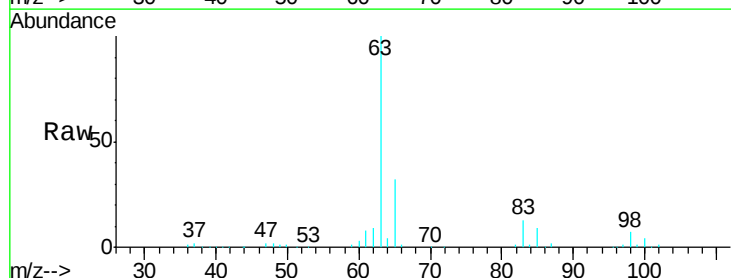
Tgt Ion: 63 Resp: 200745

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

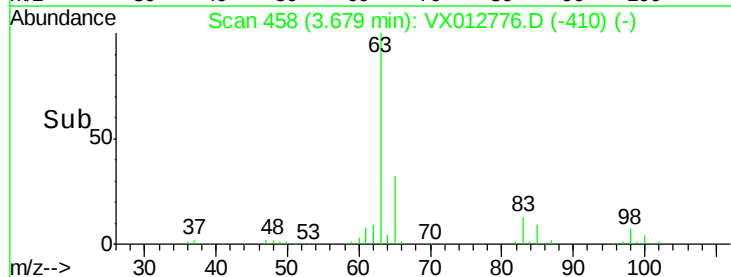
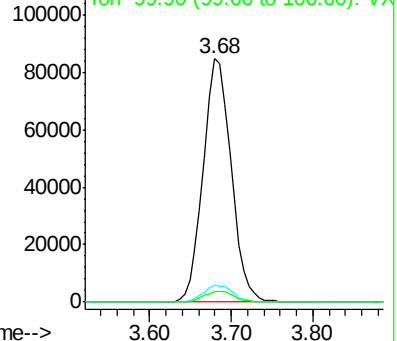
100 4.4 2.3 6.9

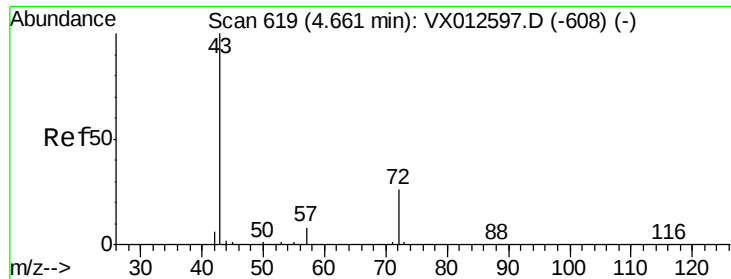


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.136 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

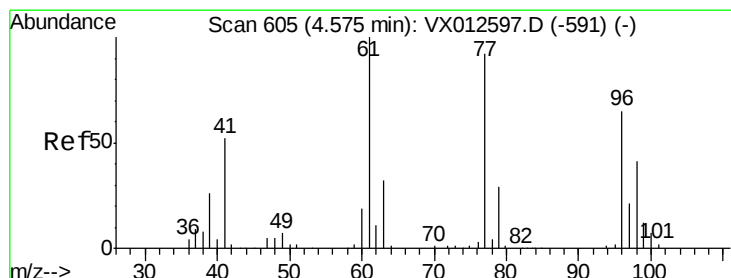
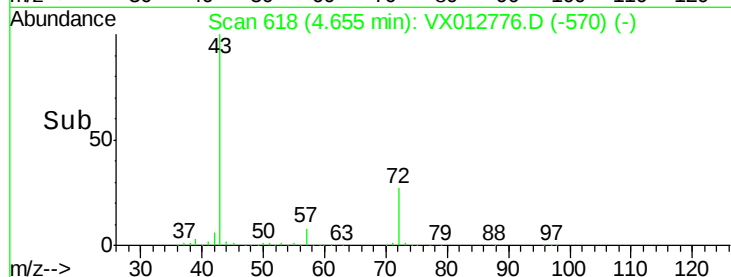
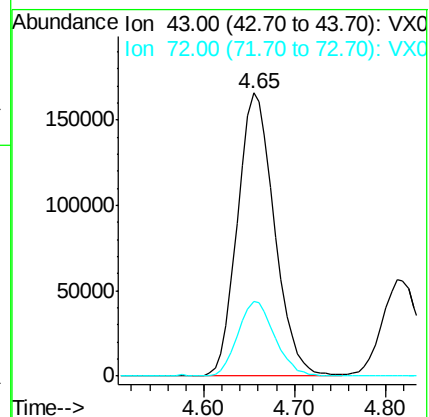
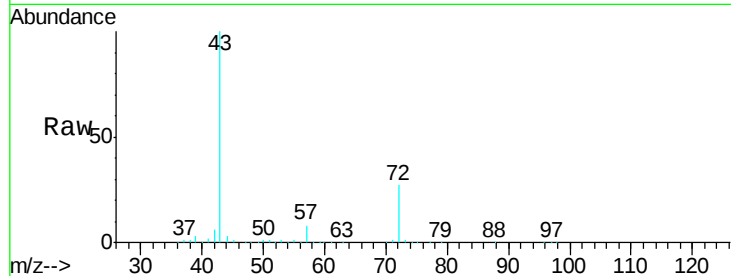
VSTDCCC050

Tgt Ion: 43 Resp: 466487

Ion Ratio Lower Upper

43 100

72 26.5 19.2 28.8



#26

2,2-Dichloropropane

Concen: 51.004 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012776.D

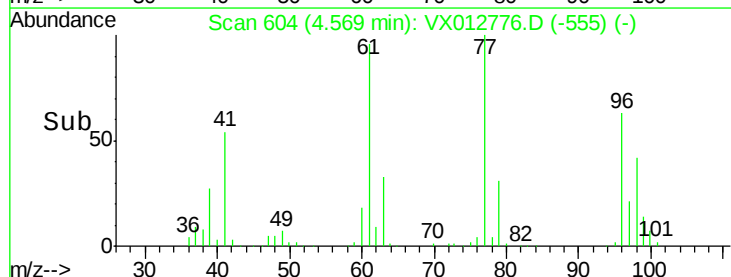
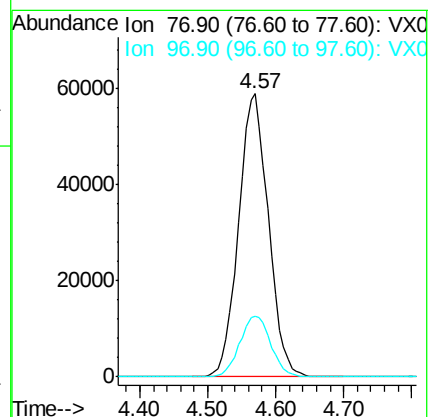
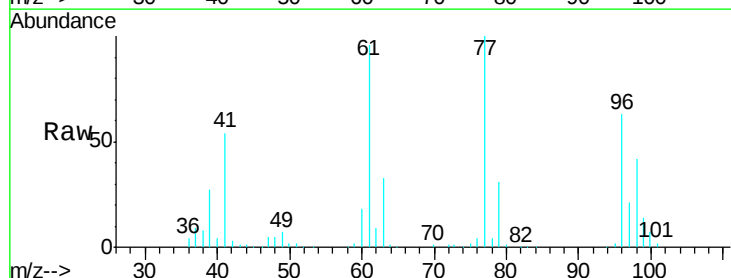
Acq: 03 Oct 2019 11:10

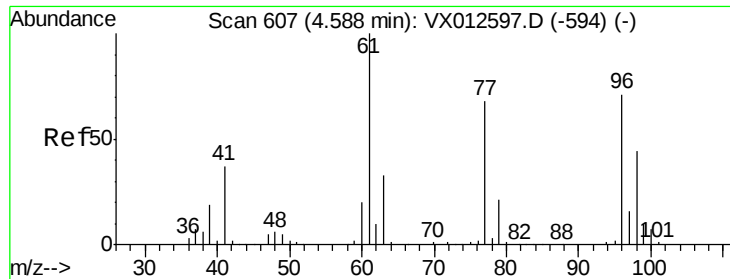
Tgt Ion: 77 Resp: 179268

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



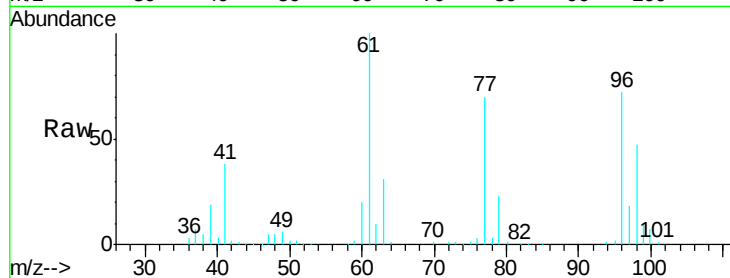


#27

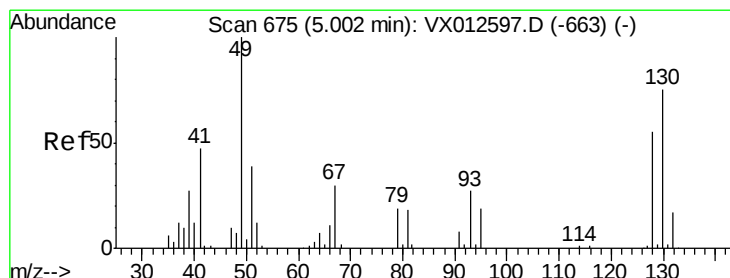
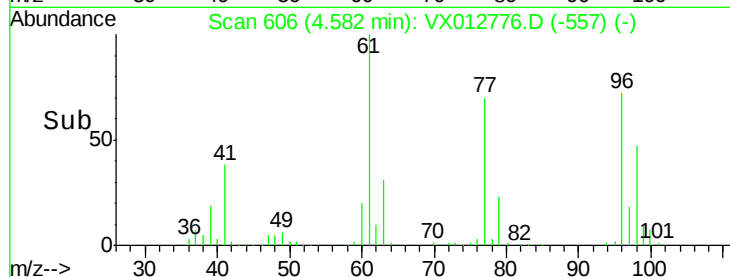
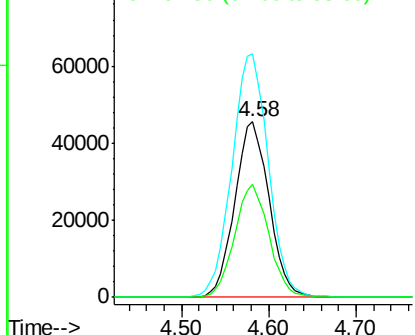
cis-1,2-Dichloroethene
Concen: 51.125 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 124633
Ion Ratio Lower Upper
96 100
61 147.1 0.0 319.4
98 64.4 0.0 130.6



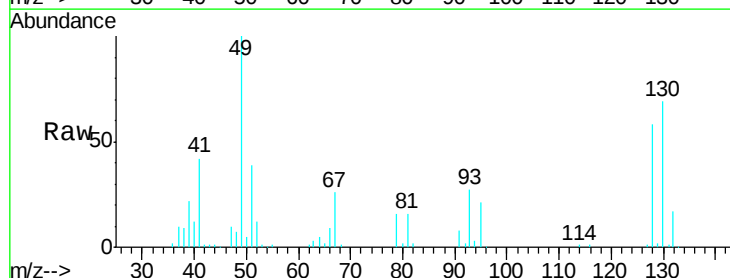
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



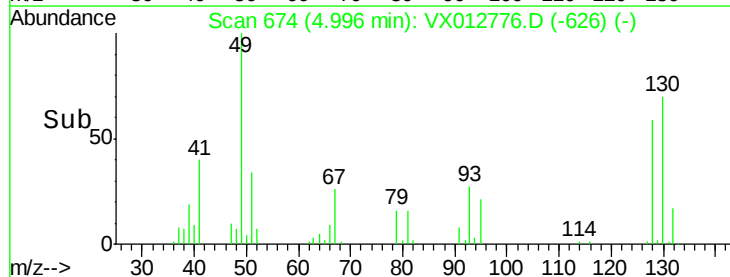
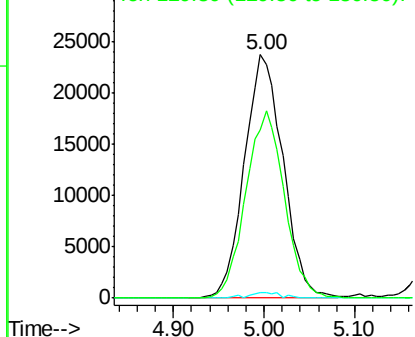
#28

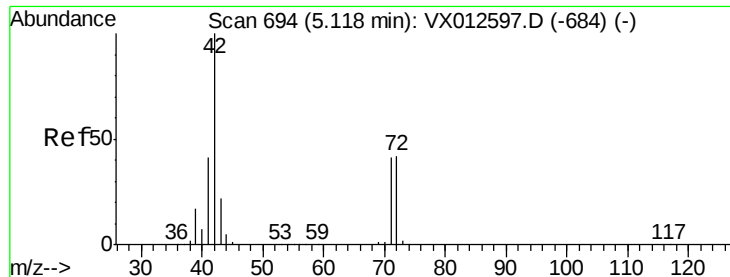
Bromochloromethane
Concen: 48.935 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 49 Resp: 70219
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 76.6 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: 234.717 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

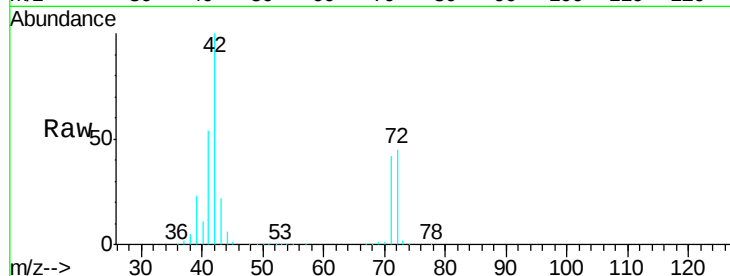
Tgt Ion: 42 Resp: 279072

Ion Ratio Lower Upper

42 100

72 45.1 34.0 51.0

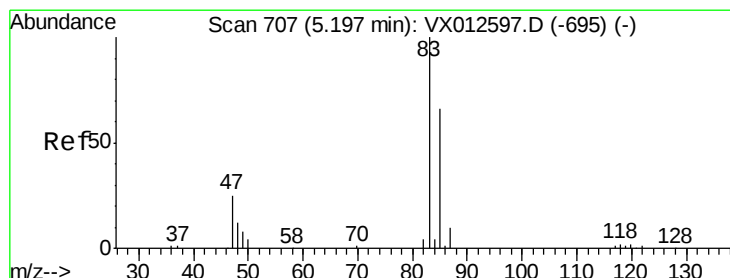
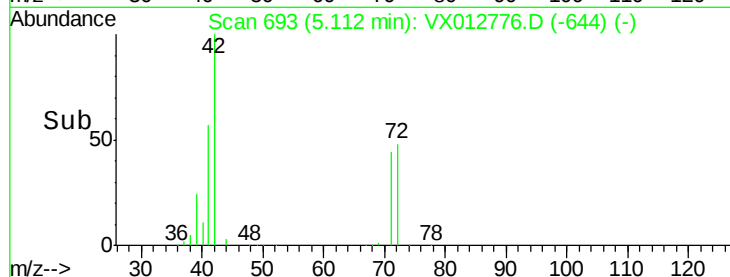
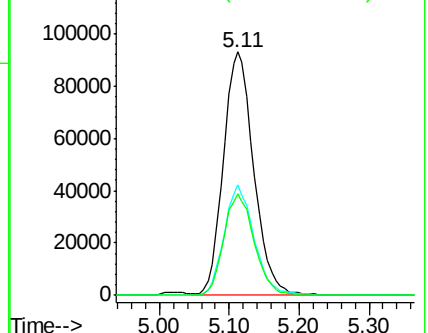
71 41.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.663 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012776.D

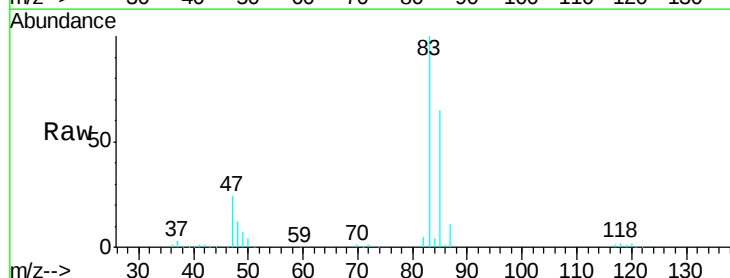
Acq: 03 Oct 2019 11:10

Tgt Ion: 83 Resp: 204837

Ion Ratio Lower Upper

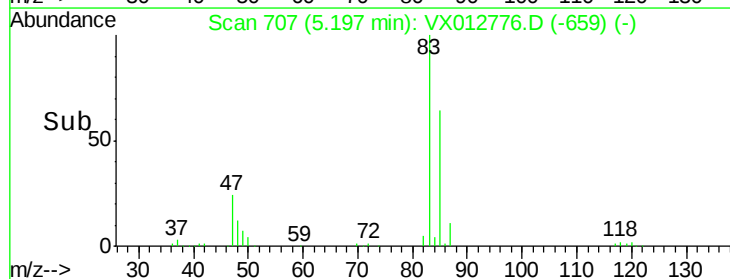
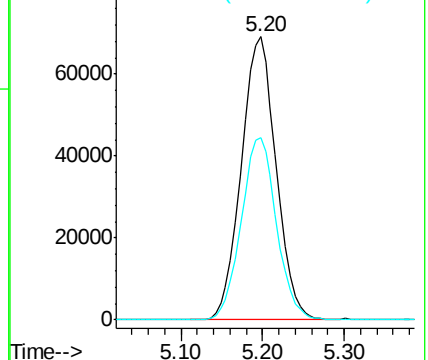
83 100

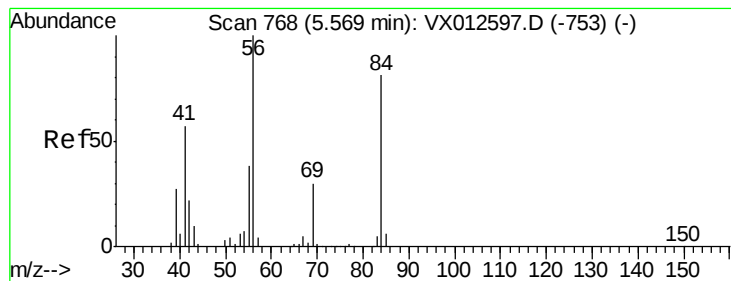
85 64.5 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.655 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

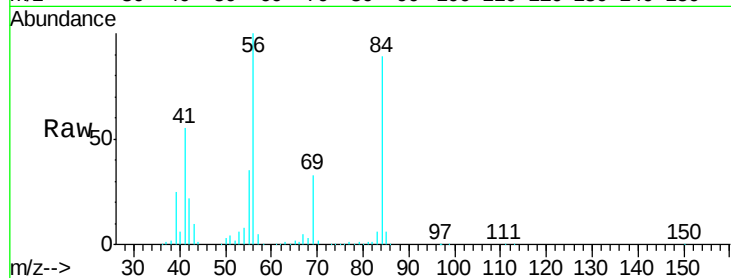
Tgt Ion: 56 Resp: 181101

Ion Ratio Lower Upper

56 100

69 33.3 25.0 37.6

84 87.4 66.4 99.6

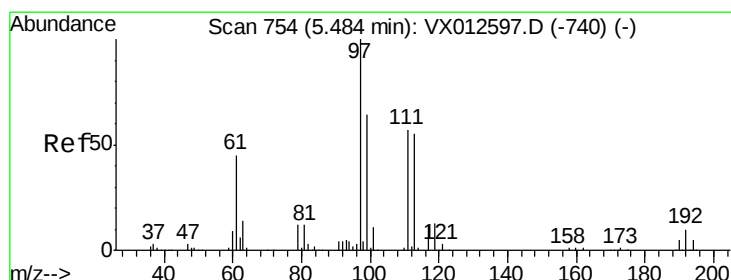
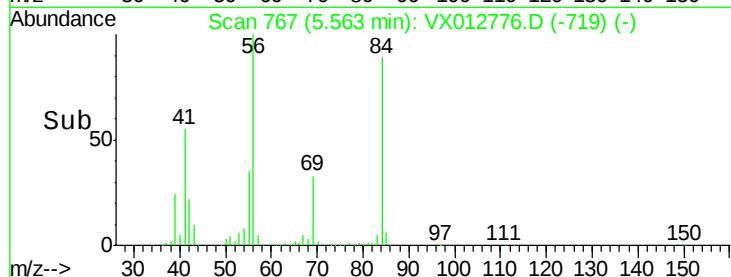
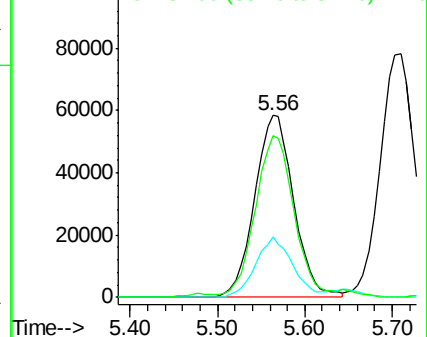


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.778 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

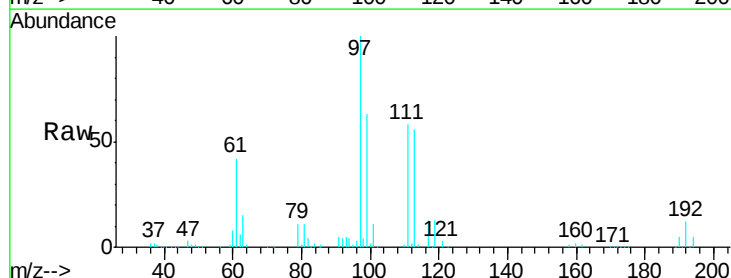
Tgt Ion: 97 Resp: 181955

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 42.9 36.1 54.1

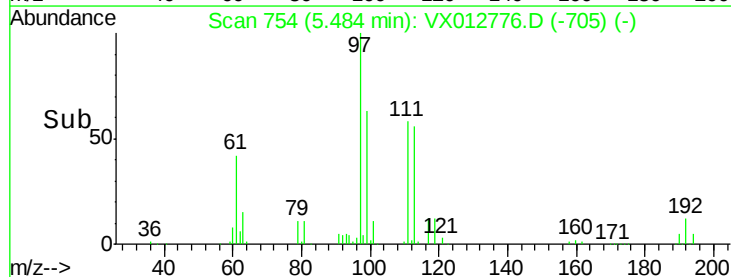
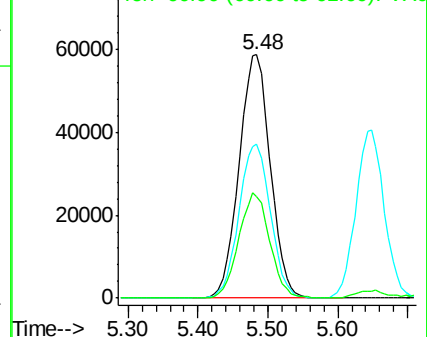


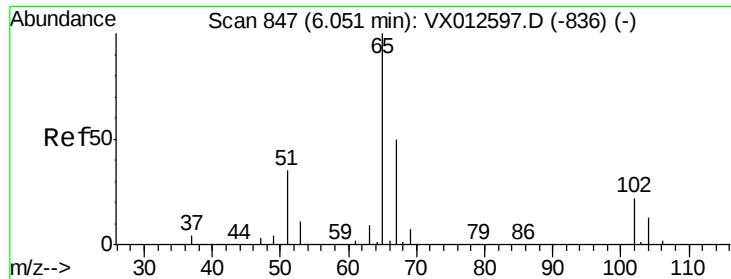
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.276 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

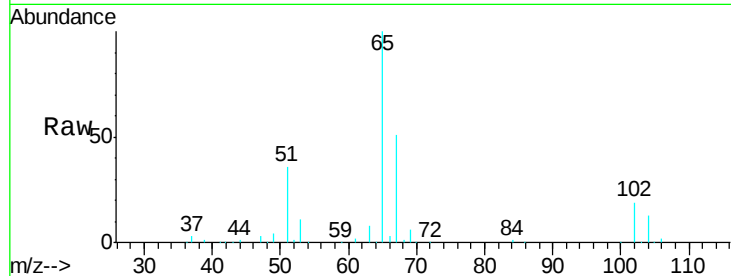
VSTDCCC050

Tgt Ion: 65 Resp: 121428

Ion Ratio Lower Upper

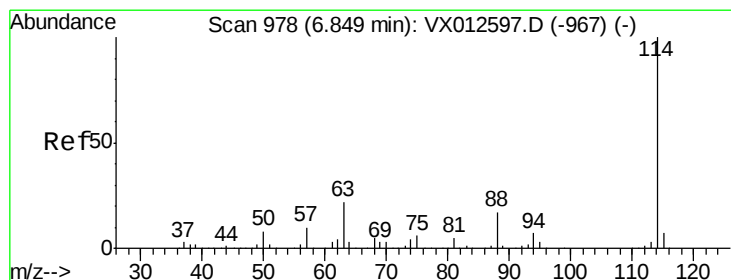
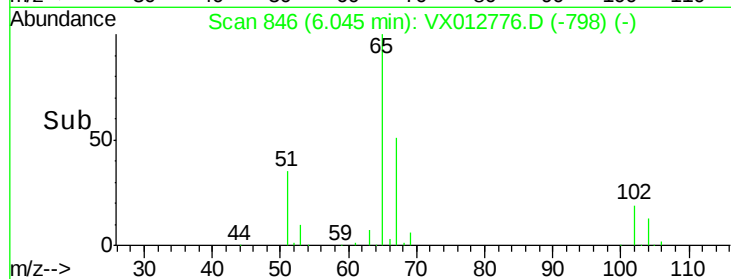
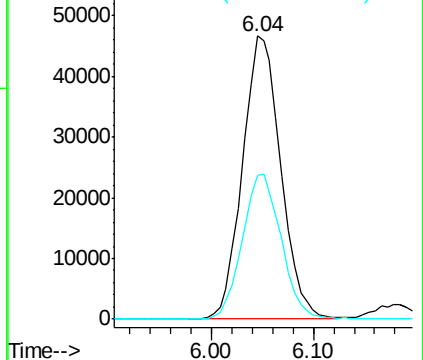
65 100

67 52.0 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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

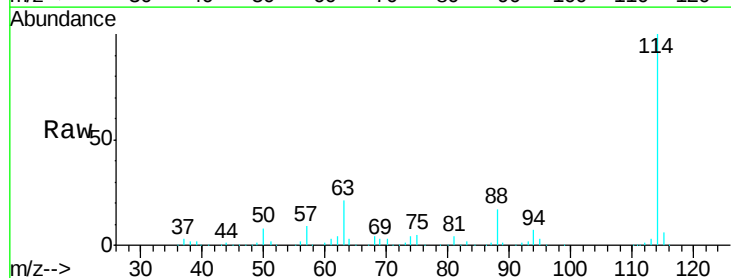
Tgt Ion: 114 Resp: 292348

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

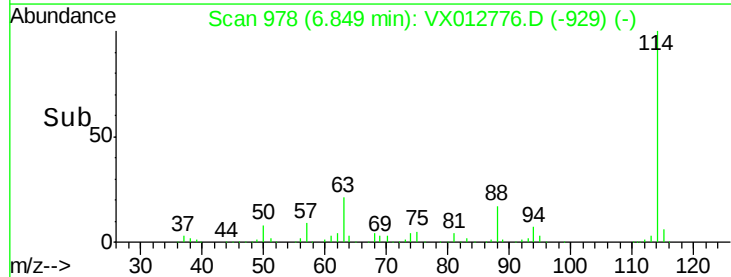
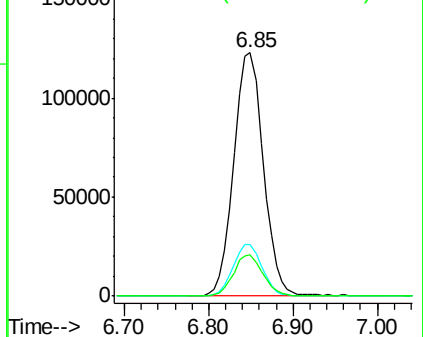
88 17.0 0.0 33.2

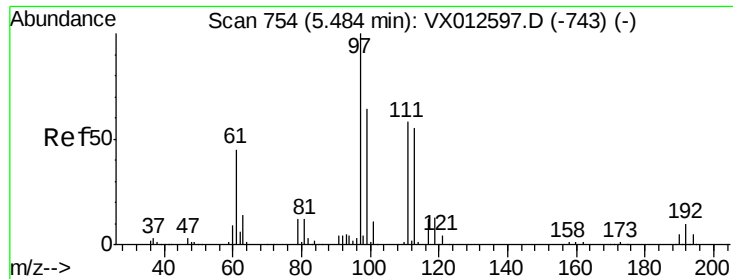


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

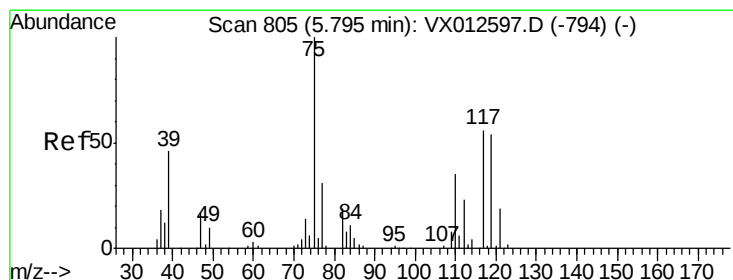
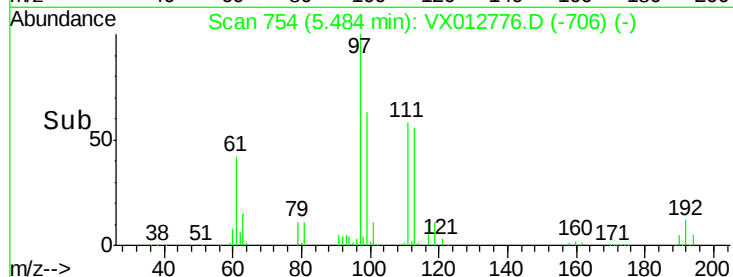
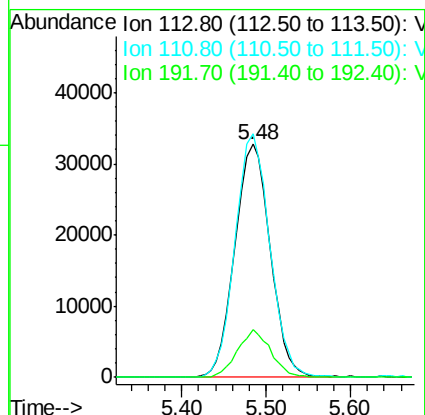
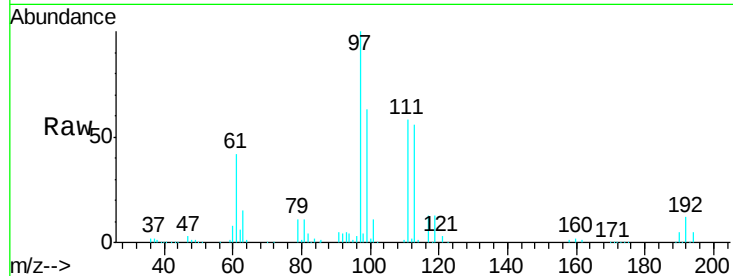




#35
 Dibromofluoromethane
 Concen: 53.594 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

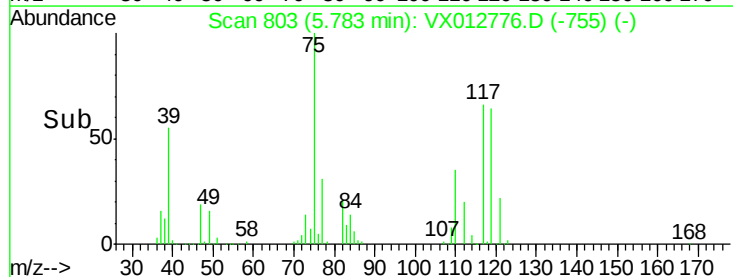
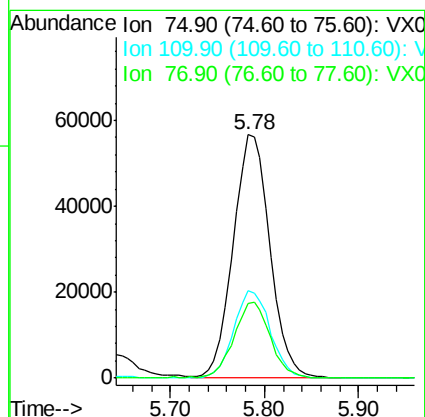
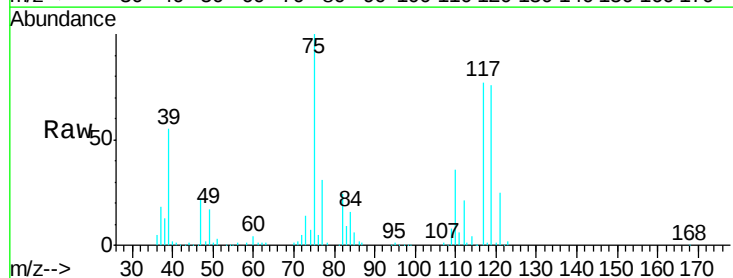
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

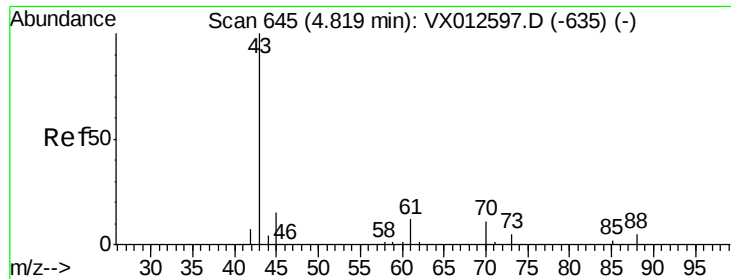
Tgt Ion:113 Resp: 93311
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 19.1 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 54.470 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 75 Resp: 153491
 Ion Ratio Lower Upper
 75 100
 110 35.8 16.7 50.0
 77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 50.730 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

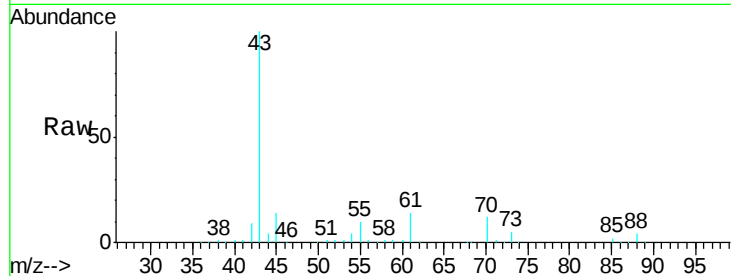
Tgt Ion: 43 Resp: 167126

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.4

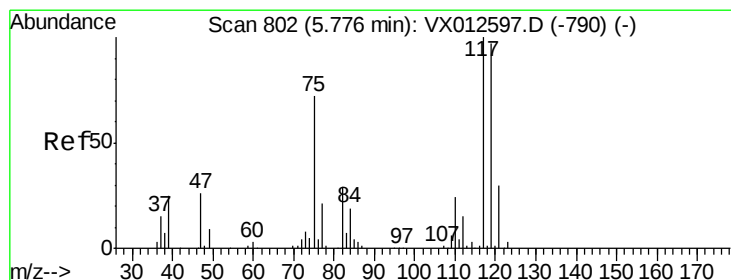
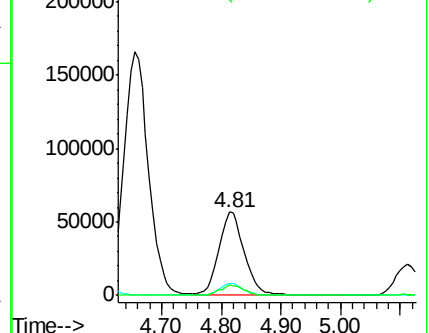
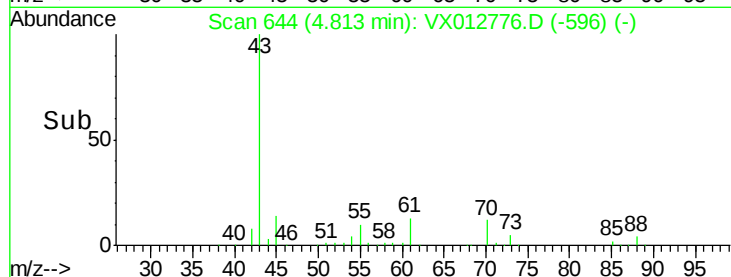
70 11.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.393 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

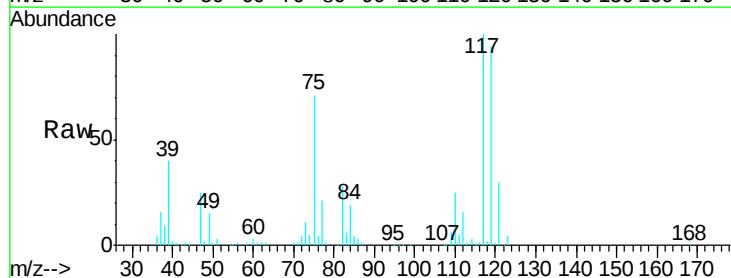
Tgt Ion: 117 Resp: 155701

Ion Ratio Lower Upper

117 100

119 94.1 75.7 113.5

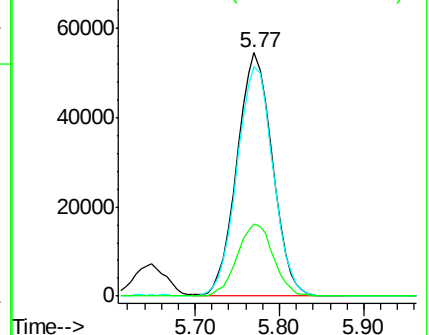
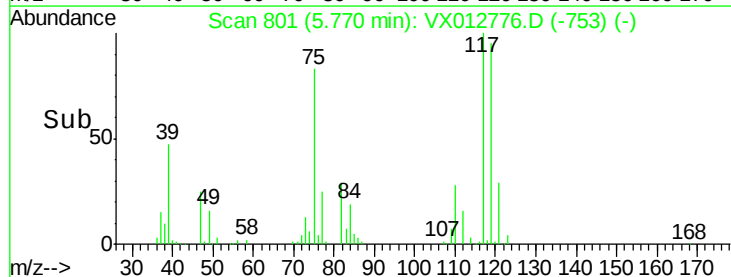
121 29.9 24.2 36.4

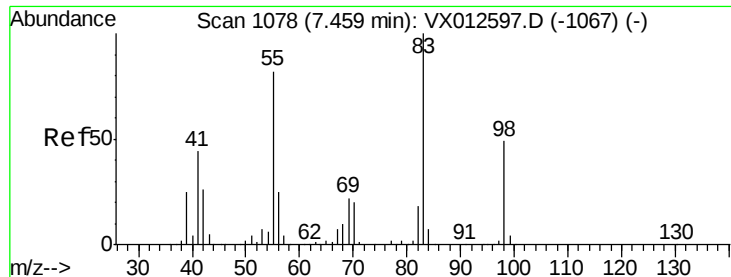


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

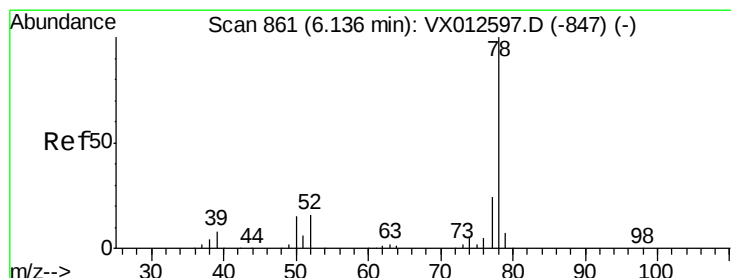
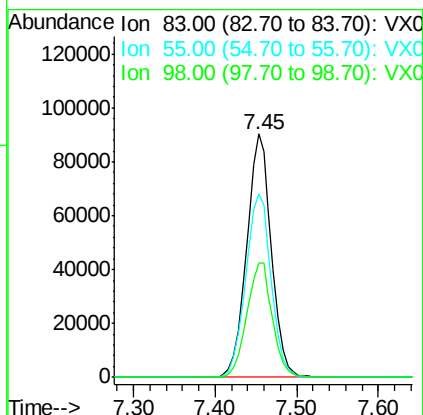
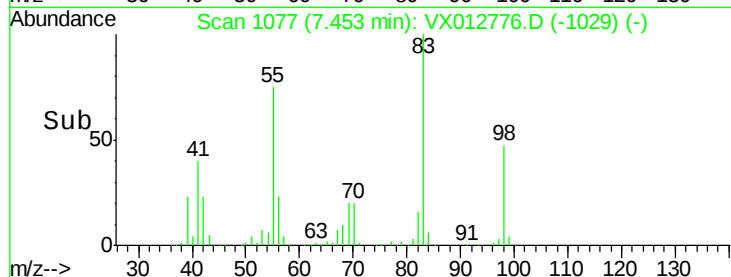
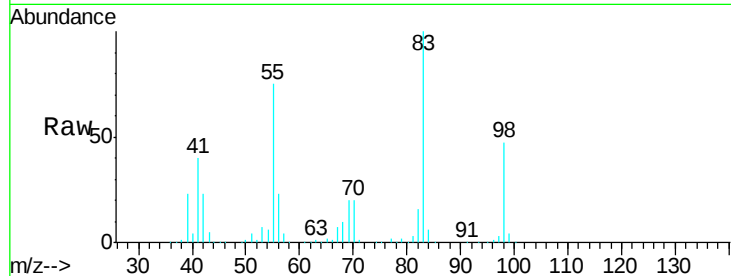




#39
Methylcyclohexane
Concen: 55.928 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

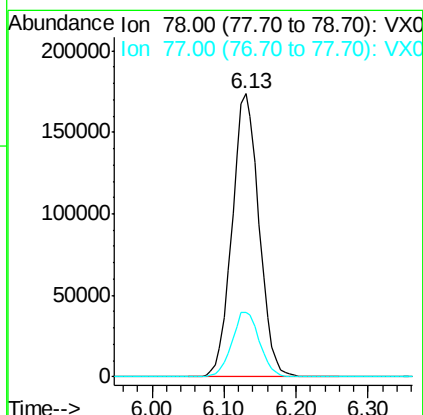
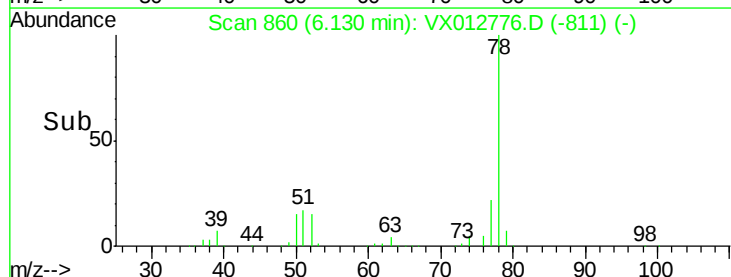
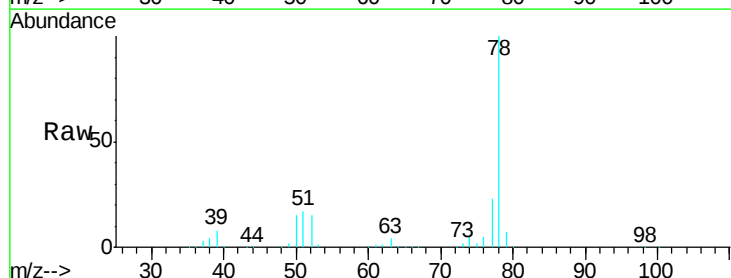
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

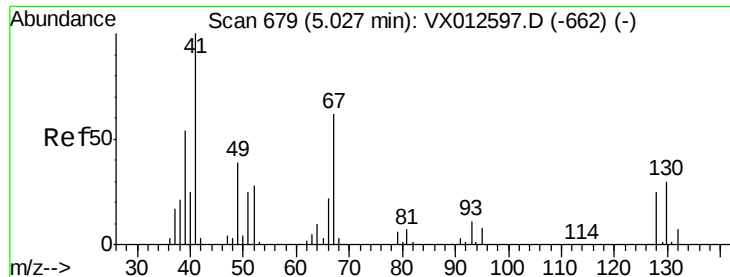
Tgt Ion: 83 Resp: 189731
Ion Ratio Lower Upper
83 100
55 75.3 64.4 96.6
98 47.2 40.1 60.1



#40
Benzene
Concen: 54.345 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 78 Resp: 450586
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

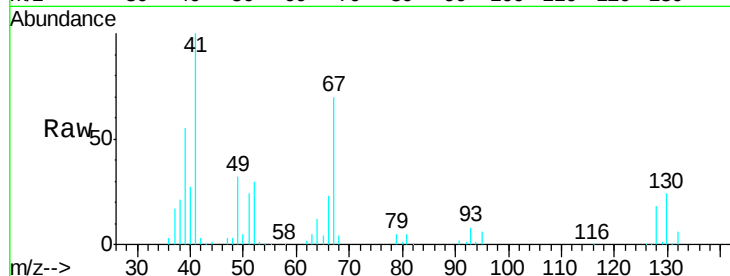




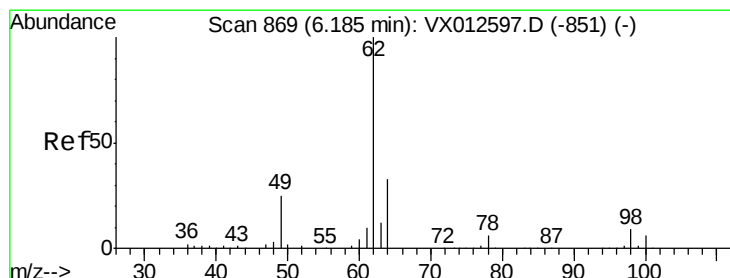
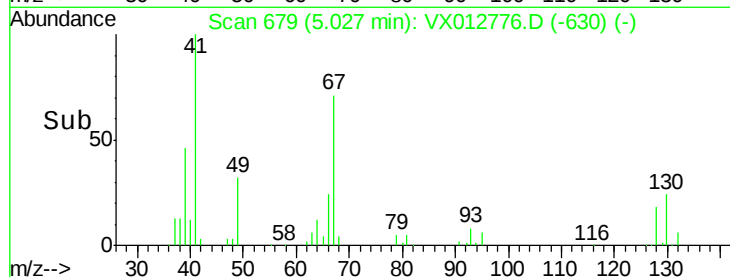
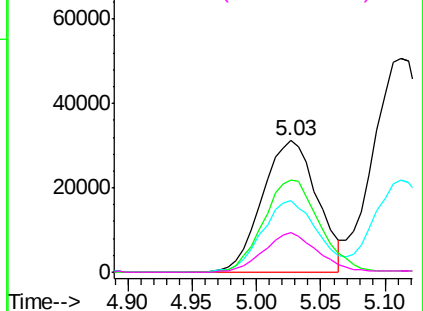
#41
Methacrylonitrile
Concen: 50.147 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	92693
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.0	69.0
67	71.7	52.2	78.2
52	29.8	22.7	34.1

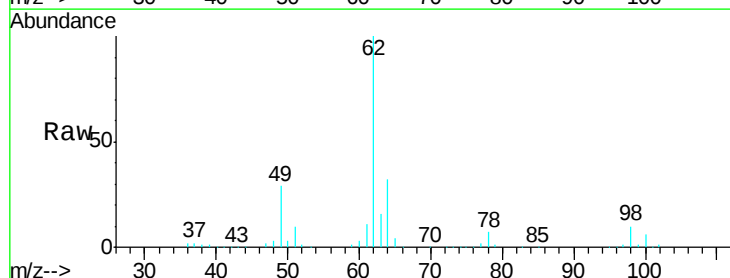


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

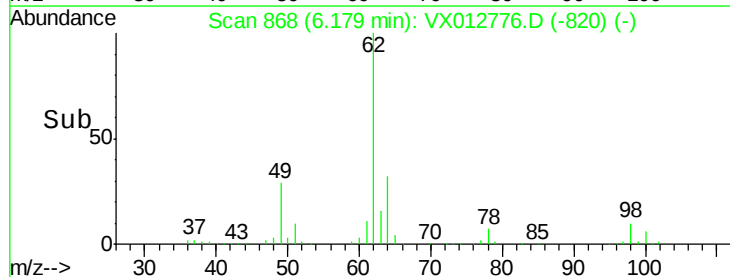
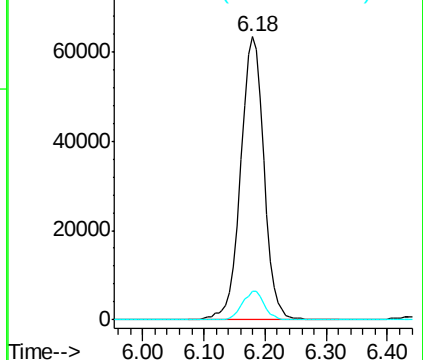


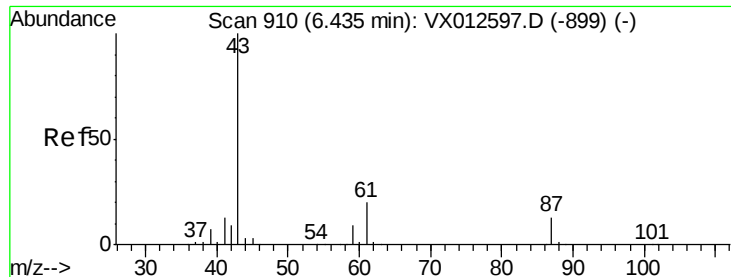
#42
1,2-Dichloroethane
Concen: 53.024 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:	62	Resp:	166945
Ion	Ratio	Lower	Upper
62	100		
98	9.5	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: 50.136 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

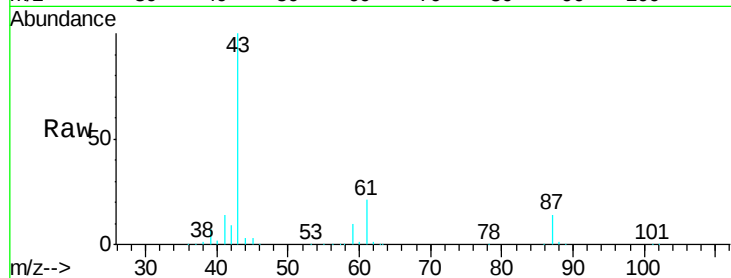
Tgt Ion: 43 Resp: 276217

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

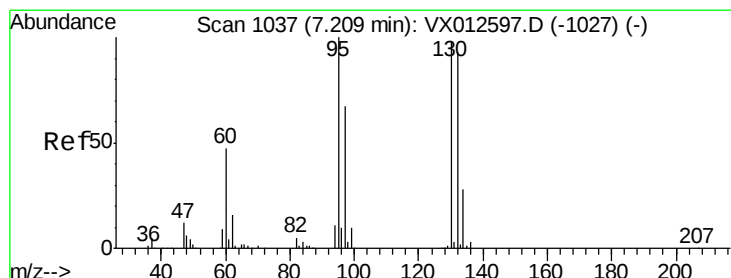
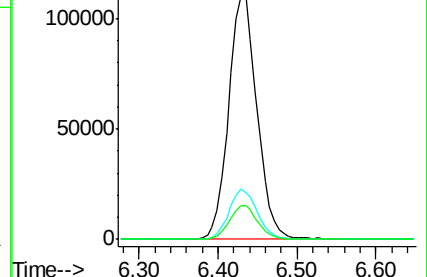
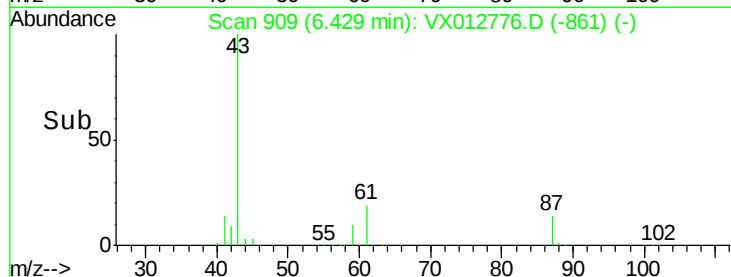
87 13.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012597.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012597.D (-899) (-)



#44

Trichloroethene

Concen: 56.579 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012776.D

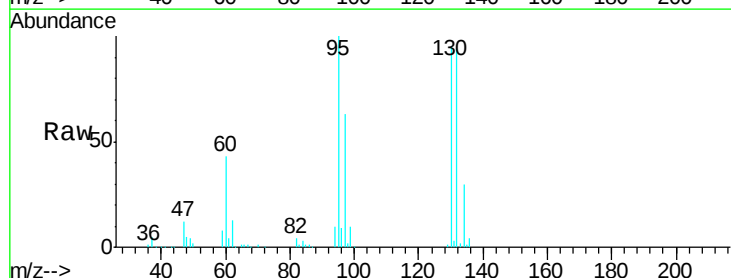
Acq: 03 Oct 2019 11:10

Tgt Ion: 130 Resp: 119924

Ion Ratio Lower Upper

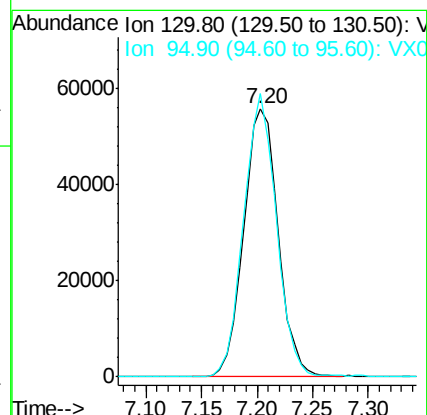
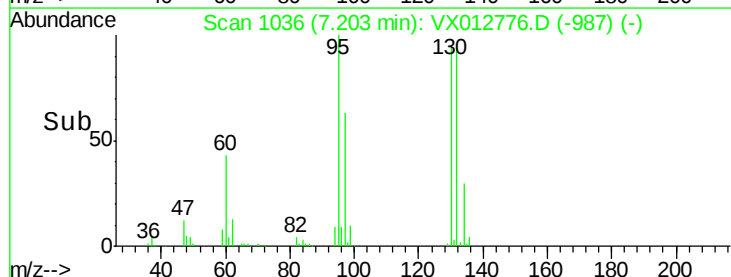
130 100

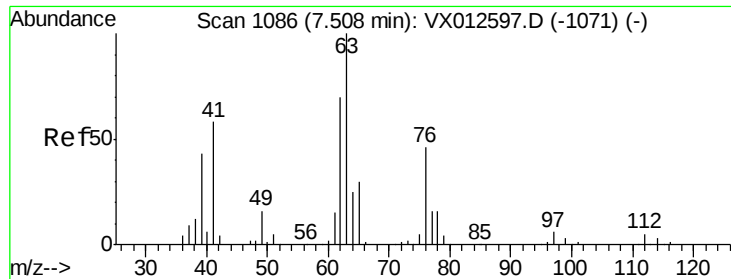
95 105.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VX012597.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012597.D (-1027) (-)





#45

1,2-Dichloropropane

Concen: 55.572 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

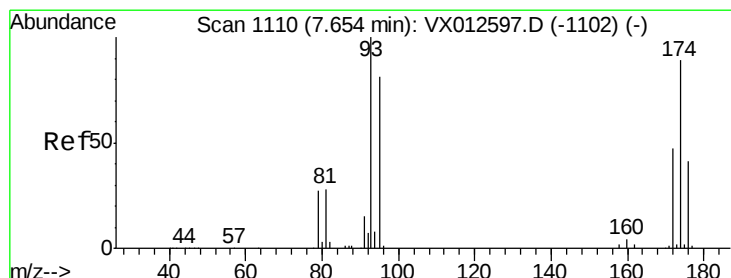
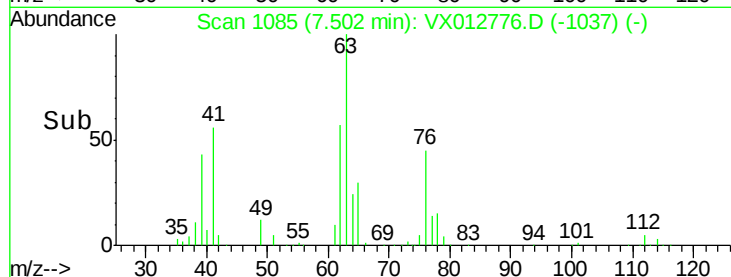
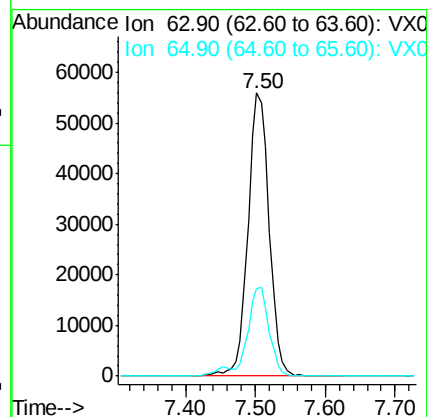
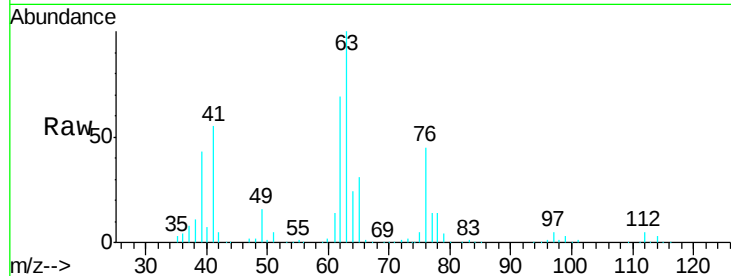
VSTDCCC050

Tgt Ion: 63 Resp: 117964

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.6



#46

Dibromomethane

Concen: 53.733 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

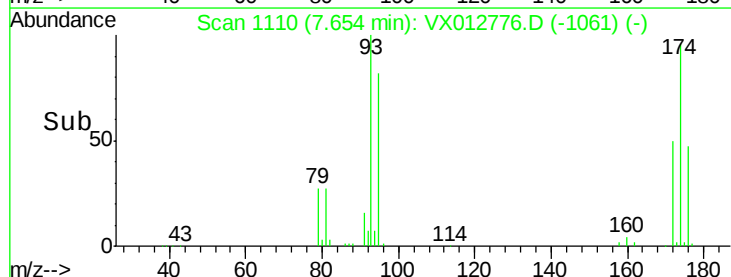
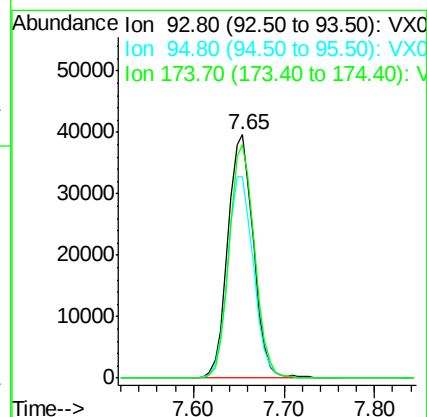
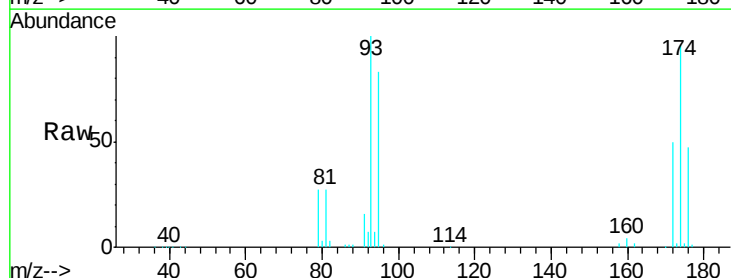
Tgt Ion: 93 Resp: 77658

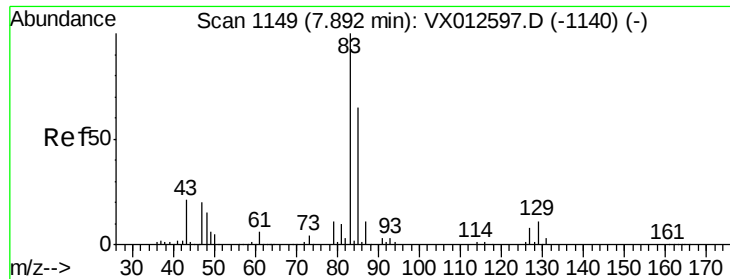
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 94.8 77.4 116.0





#47

Bromodichloromethane

Concen: 54.750 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

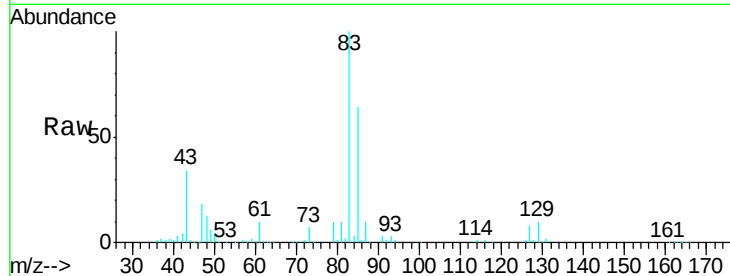
Tgt Ion: 83 Resp: 158146

Ion Ratio Lower Upper

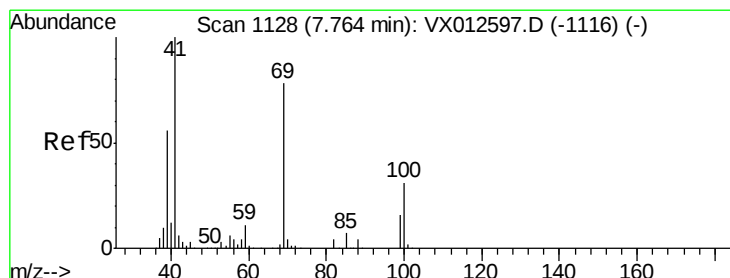
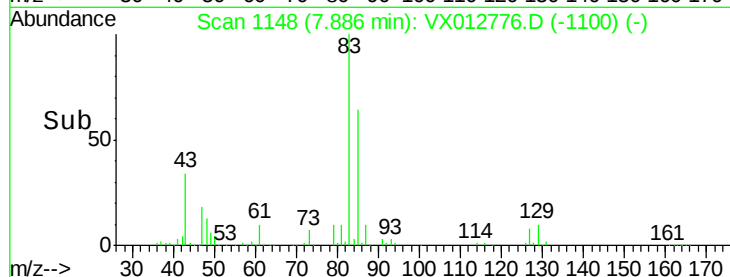
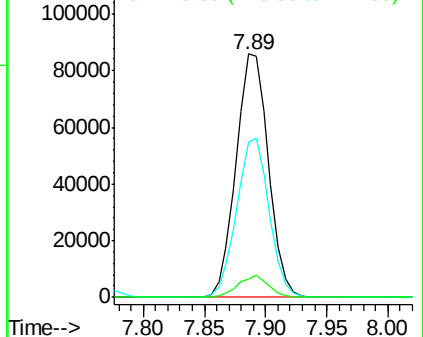
83 100

85 63.8 51.8 77.6

127 7.8 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: 51.030 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

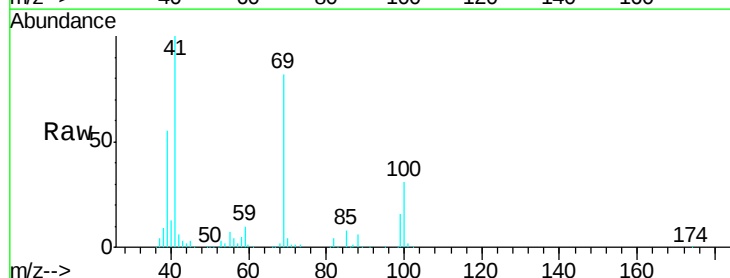
Tgt Ion: 41 Resp: 134806

Ion Ratio Lower Upper

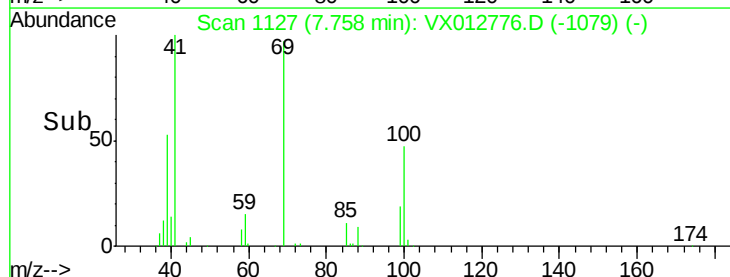
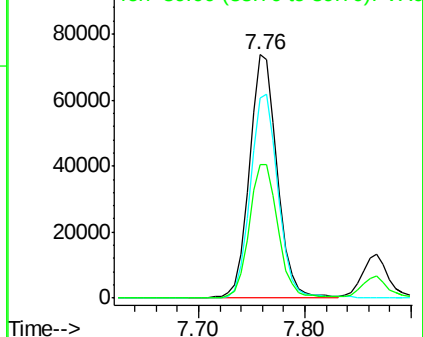
41 100

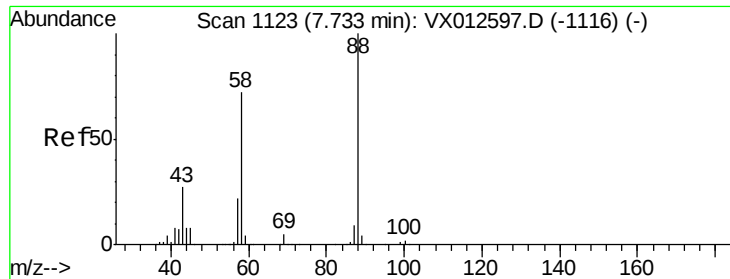
69 84.2 59.9 89.9

39 56.6 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

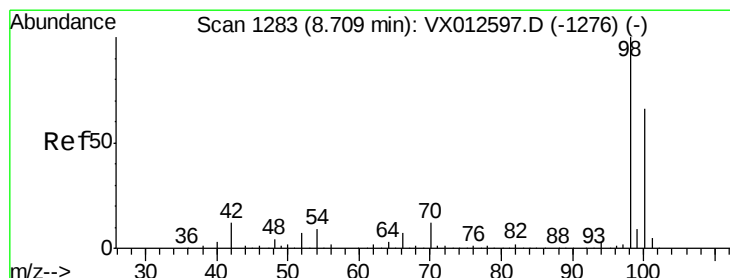
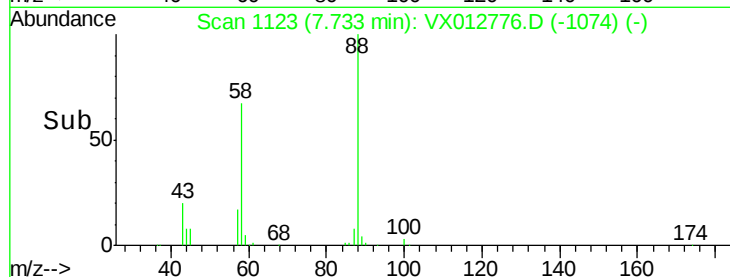
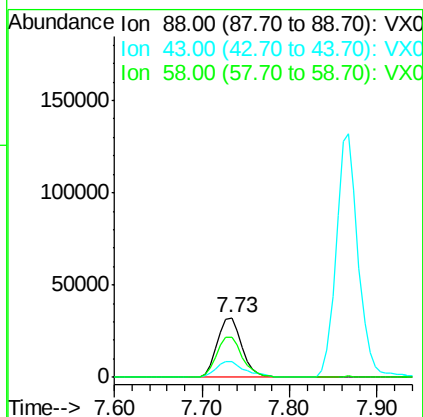
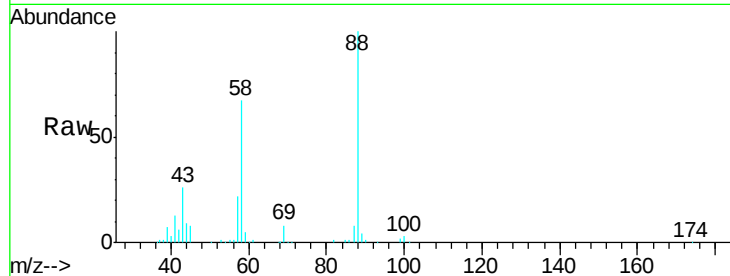




#49
1,4-Dioxane
Concen: 1066.667 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

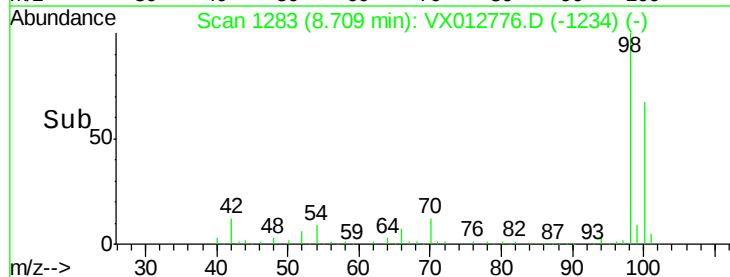
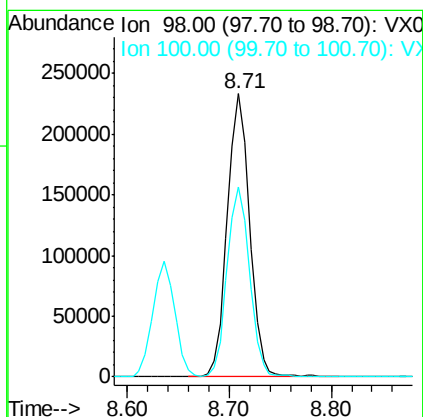
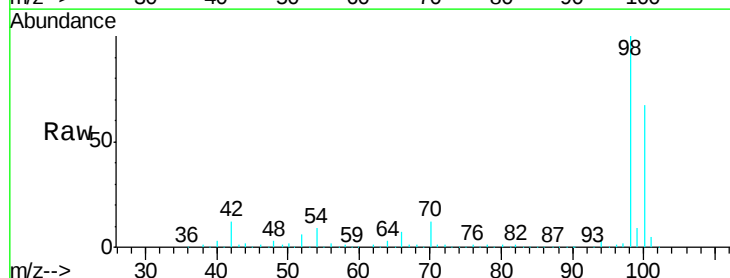
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

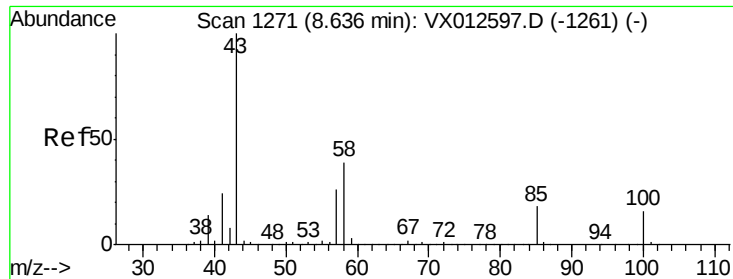
Tgt Ion: 88 Resp: 63913
Ion Ratio Lower Upper
88 100
43 31.7 29.4 44.0
58 70.1 57.5 86.3



#50
Toluene-d8
Concen: 52.922 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 98 Resp: 354837
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

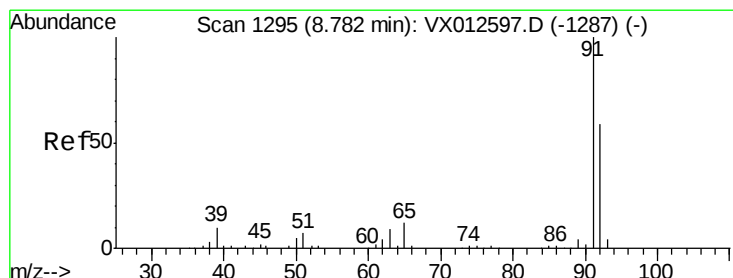
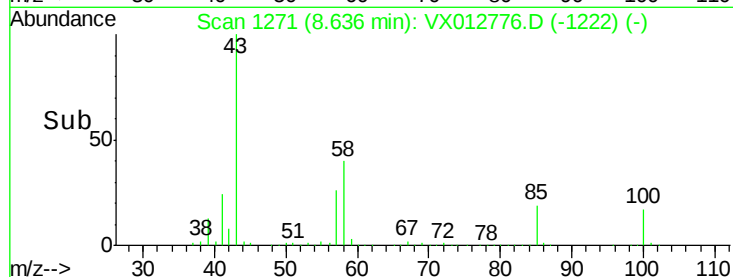
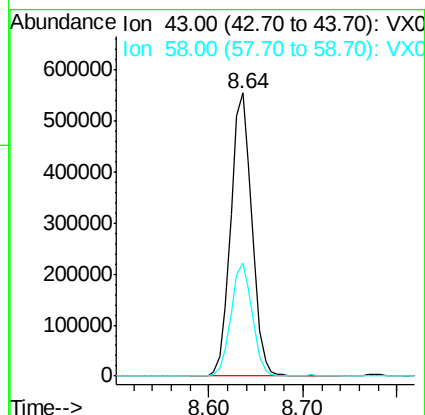
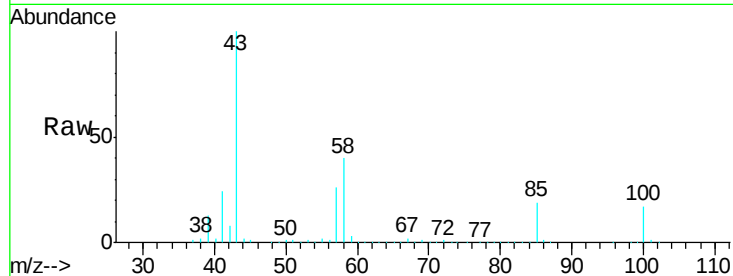




#51
 4-Methyl-2-Pentanone
 Concen: 253.512 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

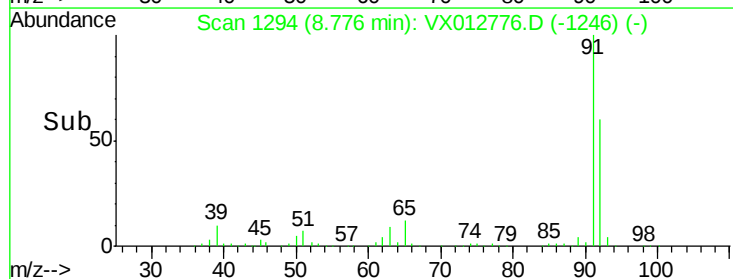
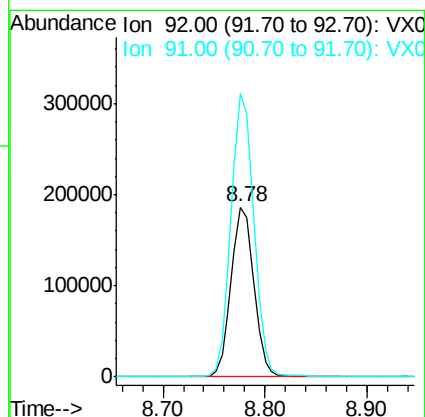
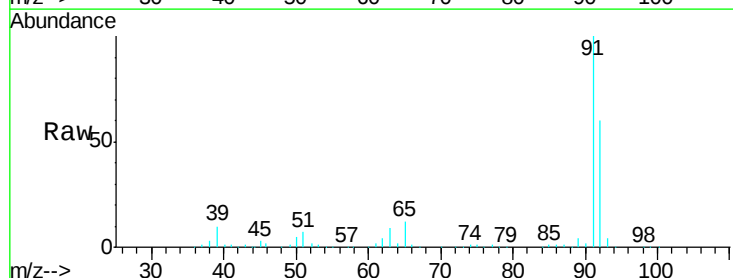
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

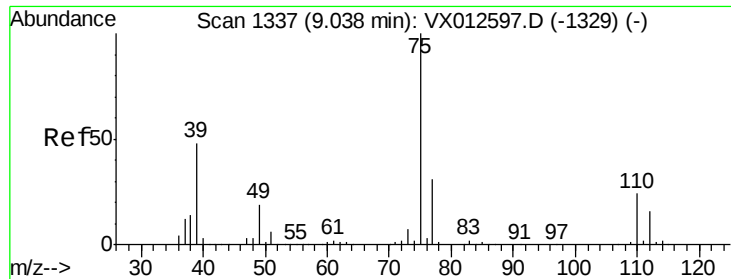
Tgt Ion: 43 Resp: 862148
 Ion Ratio Lower Upper
 43 100
 58 40.0 29.8 44.6



#52
 Toluene
 Concen: 55.350 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 92 Resp: 288433
 Ion Ratio Lower Upper
 92 100
 91 167.7 135.4 203.0

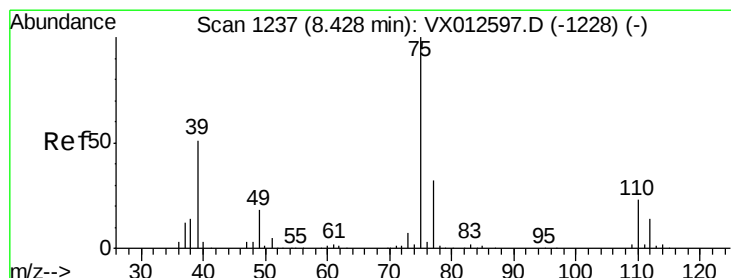
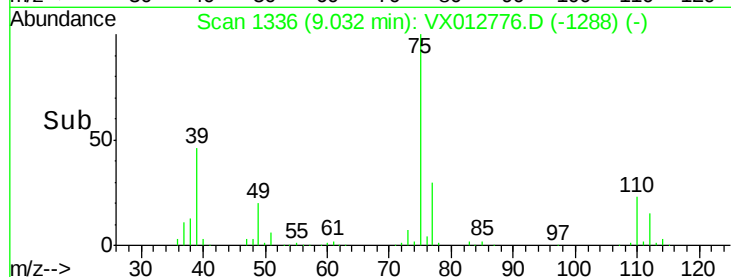
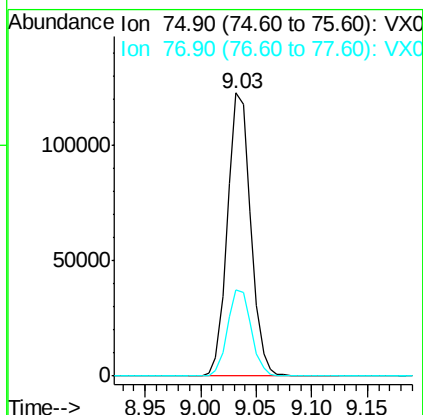
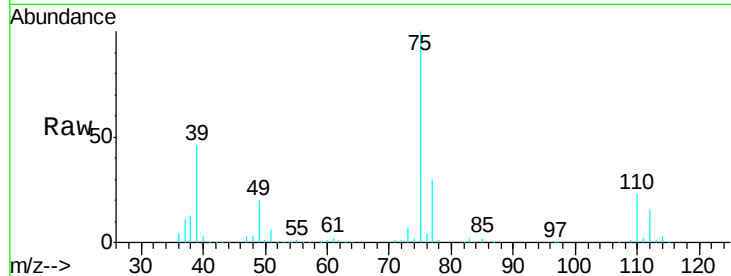




#53
t-1,3-Dichloropropene
Concen: 55.792 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

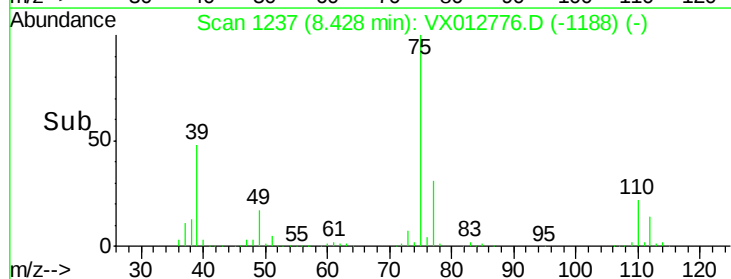
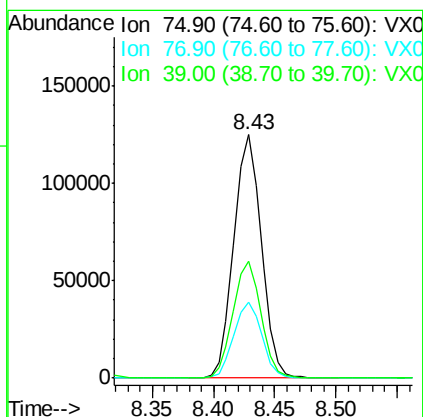
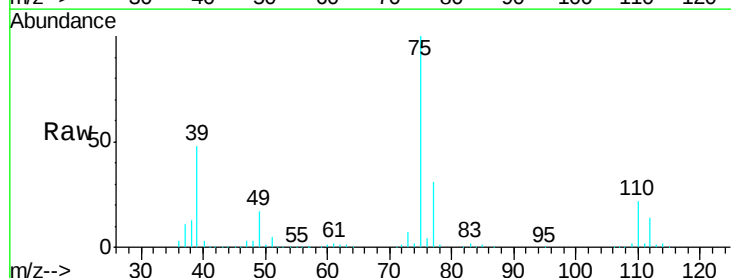
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

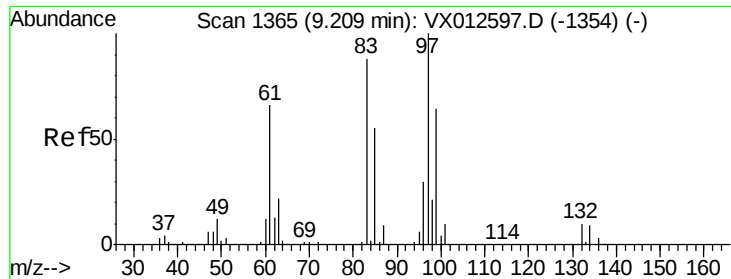
Tgt Ion: 75 Resp: 178306
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 55.989 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 75 Resp: 195369
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 48.0 45.5 68.3

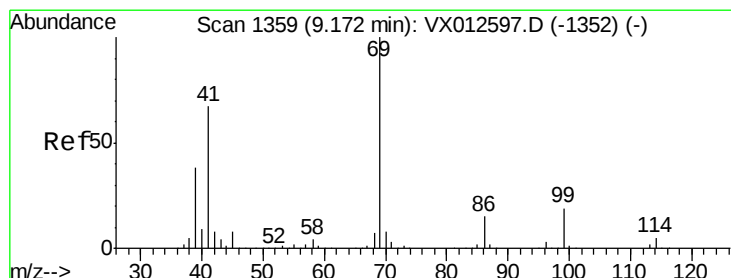
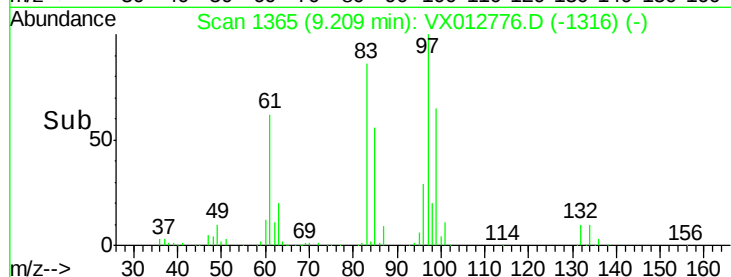
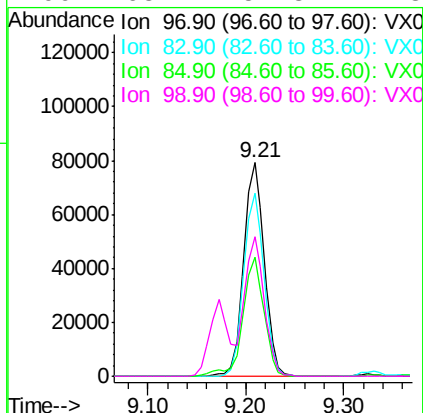
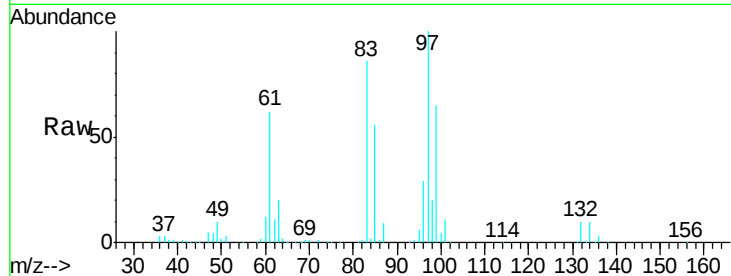




#55
 1,1,2-Trichloroethane
 Concen: 55.841 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

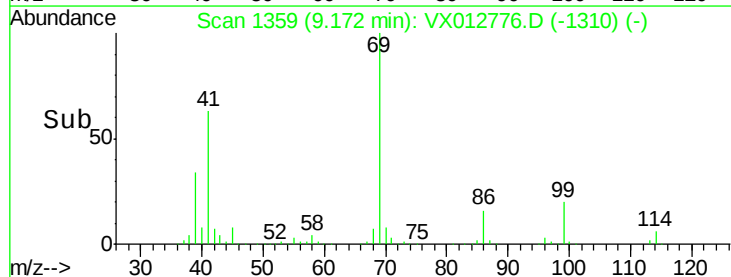
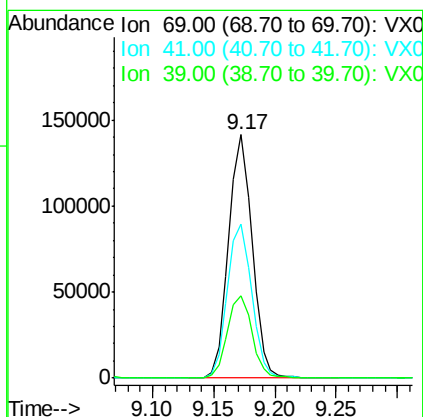
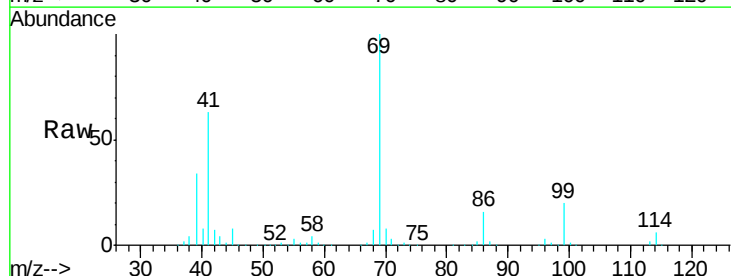
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

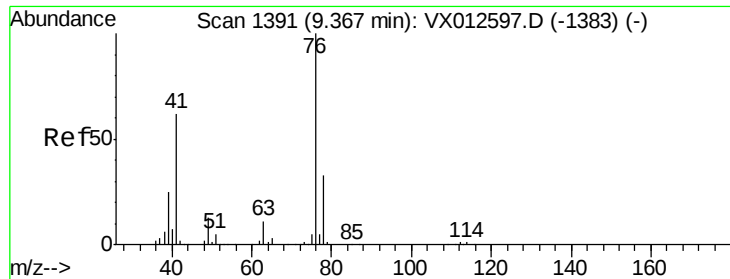
Tgt Ion:	97	Resp:	115689
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.2
85	55.6	43.5	65.3
99	65.1	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 54.532 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:	69	Resp:	189801
Ion	Ratio	Lower	Upper
69	100		
41	65.8	58.4	87.6
39	35.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 54.548 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

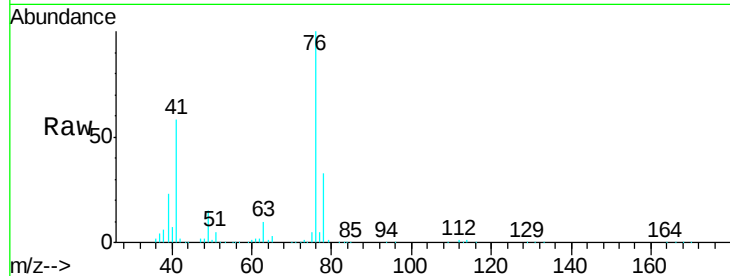
VSTDCCC050

Tgt Ion: 76 Resp: 197785

Ion Ratio Lower Upper

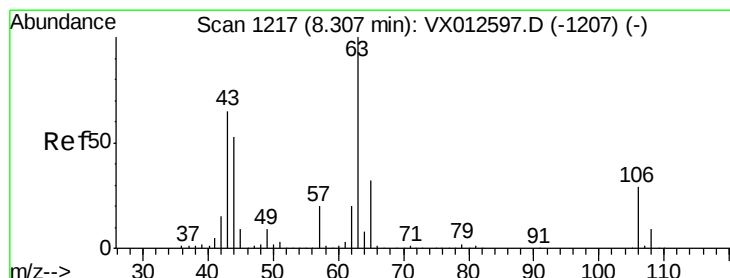
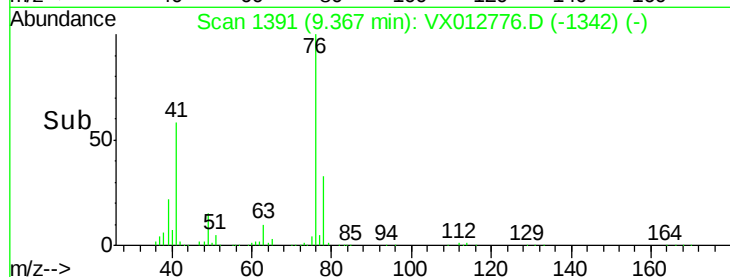
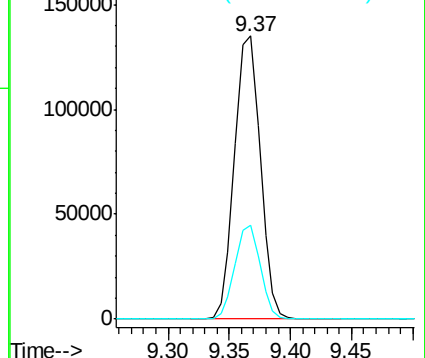
76 100

78 32.6 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.089 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012776.D

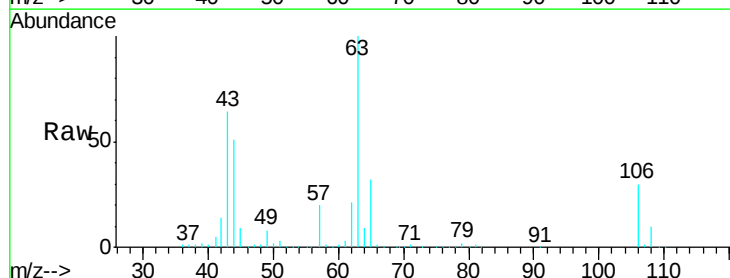
Acq: 03 Oct 2019 11:10

Tgt Ion: 63 Resp: 373537

Ion Ratio Lower Upper

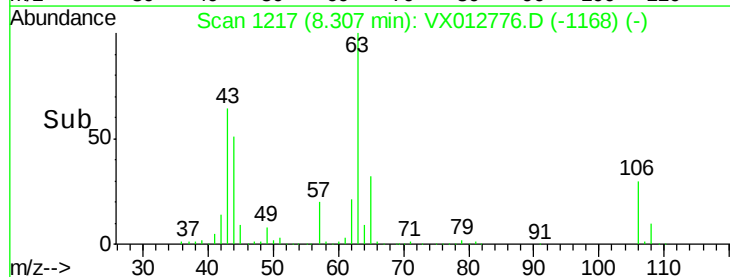
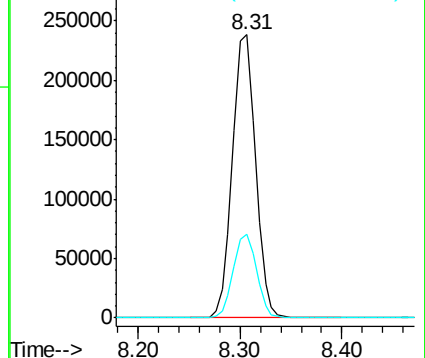
63 100

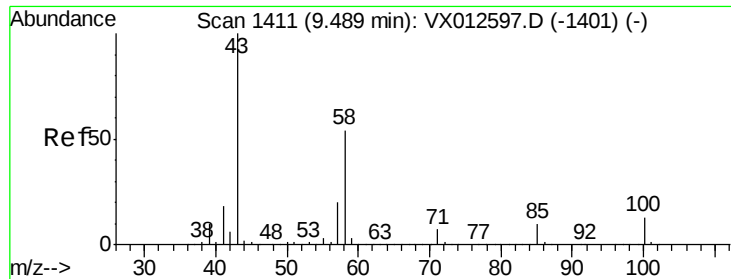
106 29.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

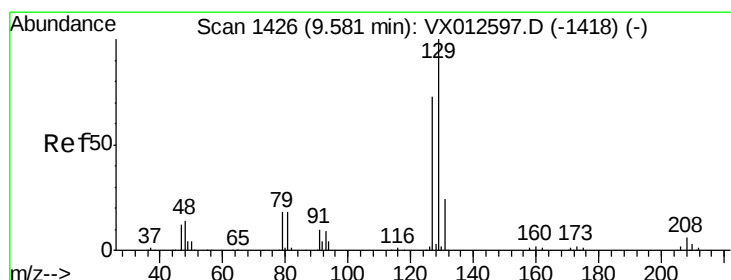
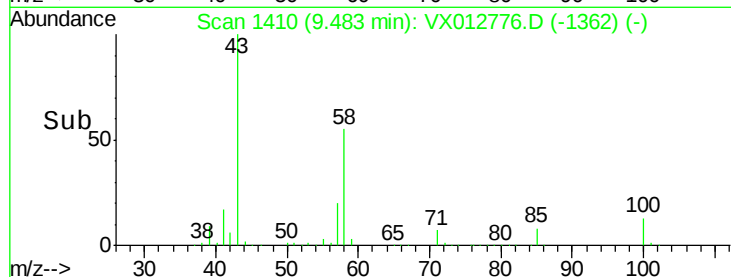
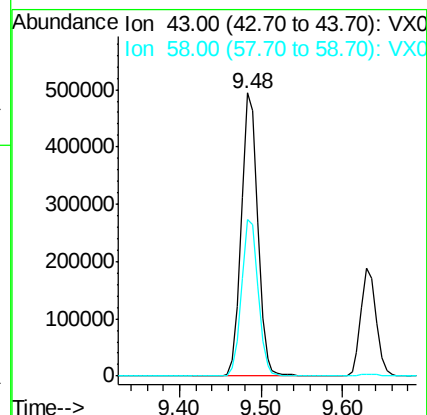
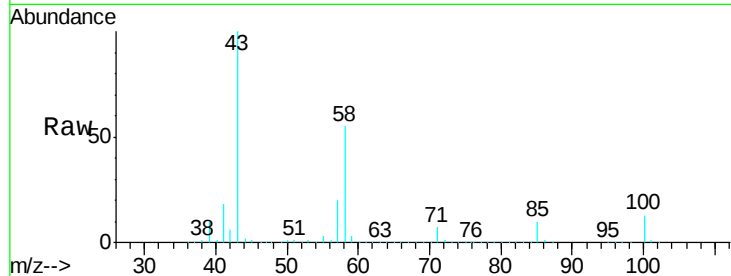




#59
2-Hexanone
Concen: 260.774 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

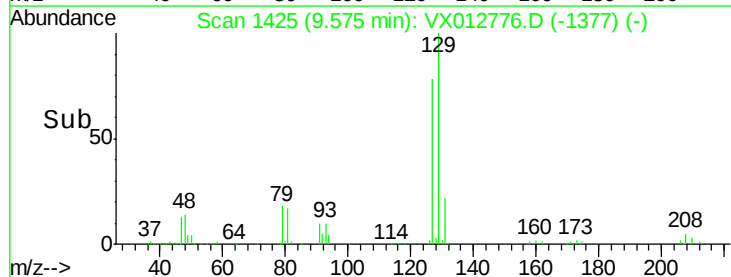
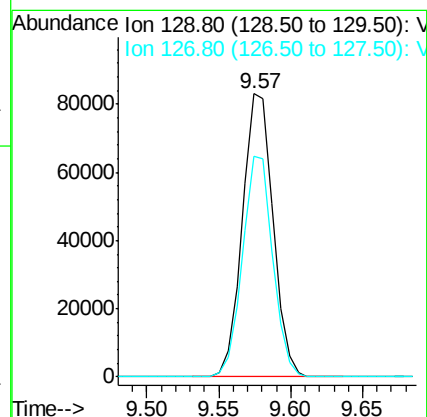
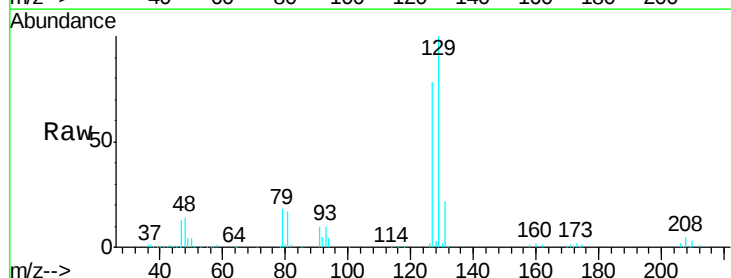
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

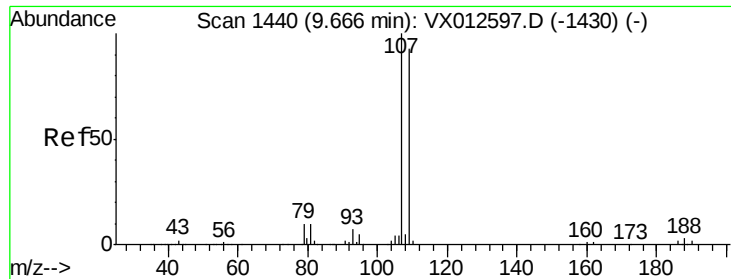
Tgt Ion: 43 Resp: 678826
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1



#60
Dibromochloromethane
Concen: 58.608 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 129 Resp: 122913
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 56.627 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

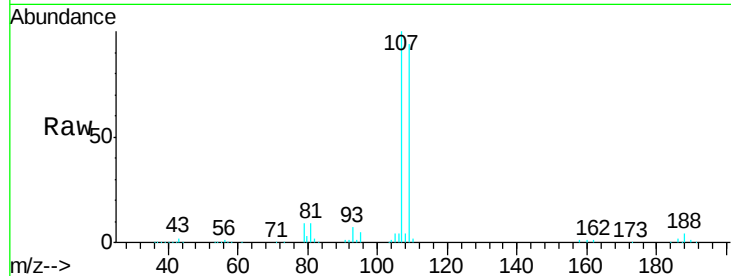
VSTDCCC050

Tgt Ion: 107 Resp: 122096

Ion Ratio Lower Upper

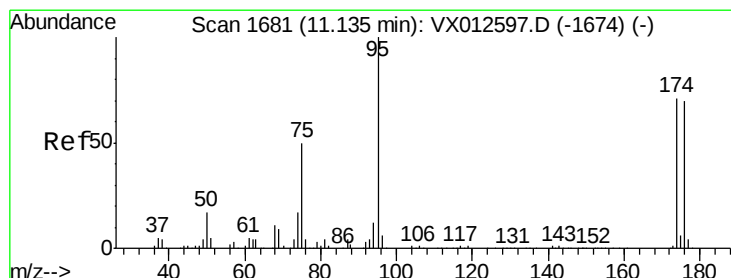
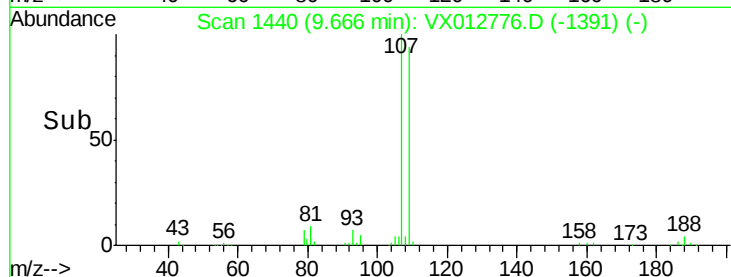
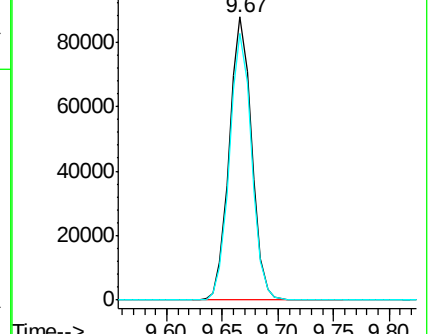
107 100

109 93.1 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: 53.298 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

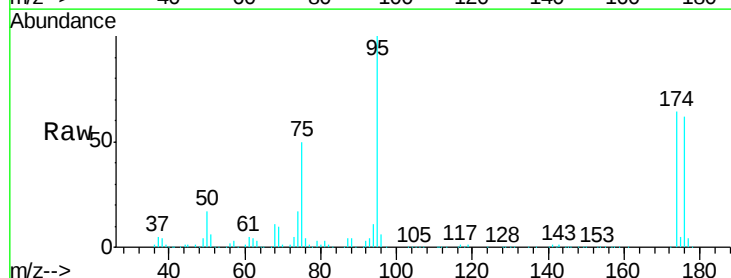
Tgt Ion: 95 Resp: 140516

Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

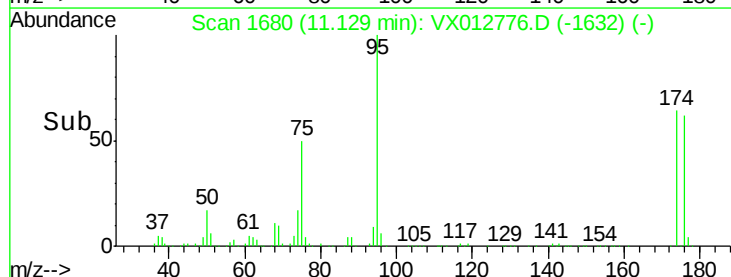
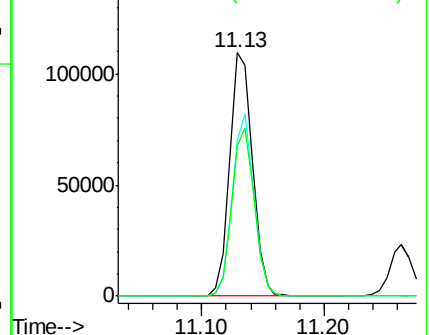
176 67.5 0.0 135.4

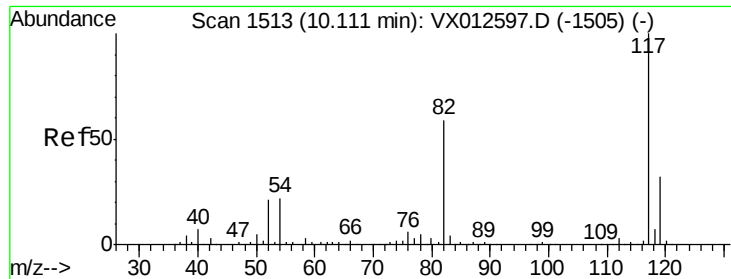


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

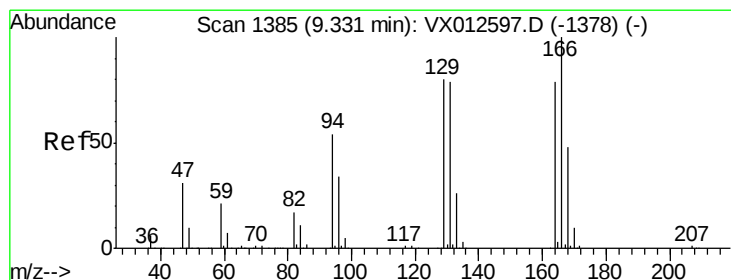
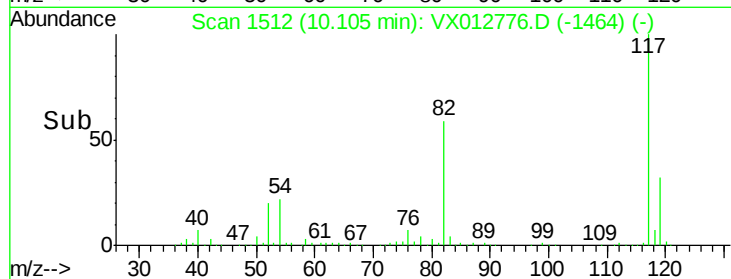
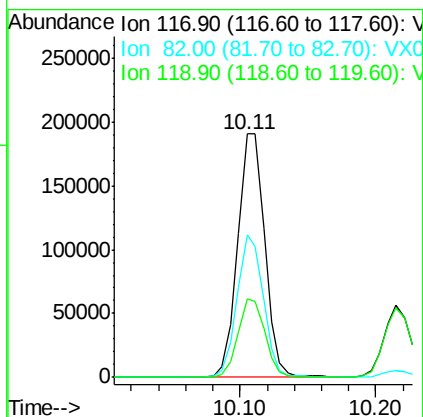
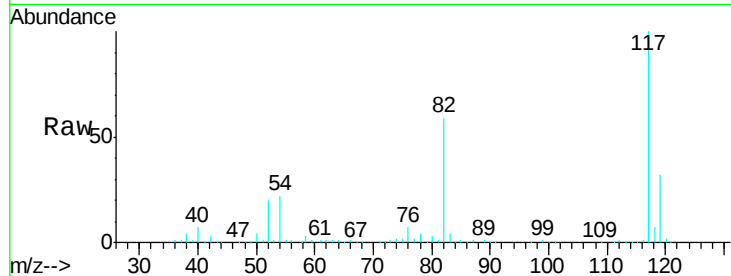




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

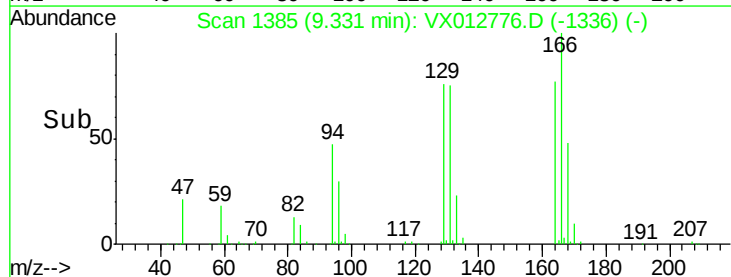
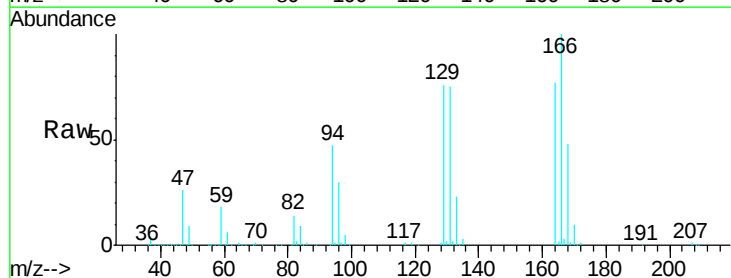
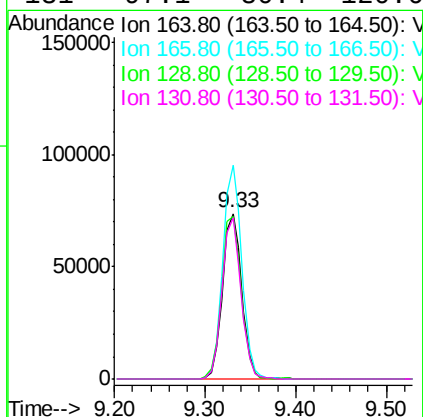
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

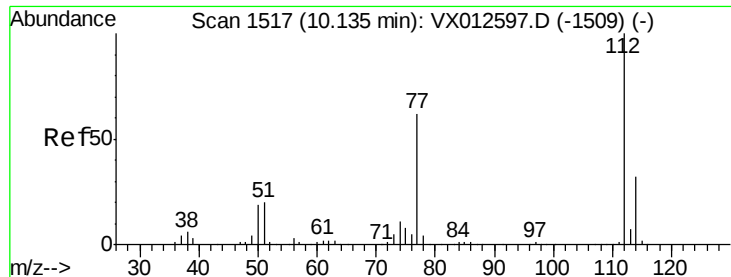
Tgt Ion:117 Resp: 265136
Ion Ratio Lower Upper
117 100
82 58.6 45.9 68.9
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 58.873 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:164 Resp: 108831
Ion Ratio Lower Upper
164 100
166 129.1 107.8 161.6
129 98.2 86.2 129.2
131 97.1 80.4 120.6

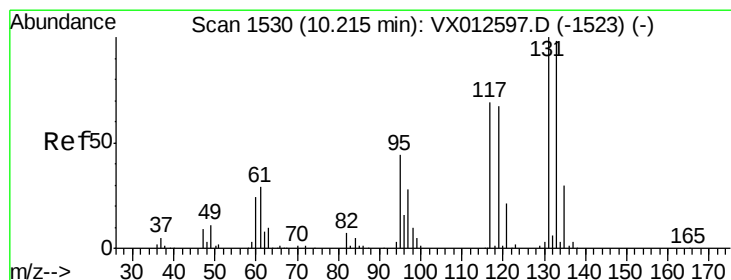
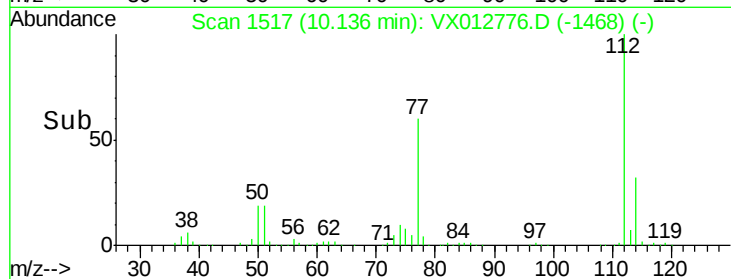
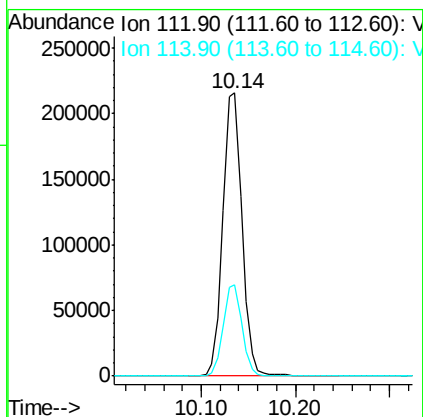
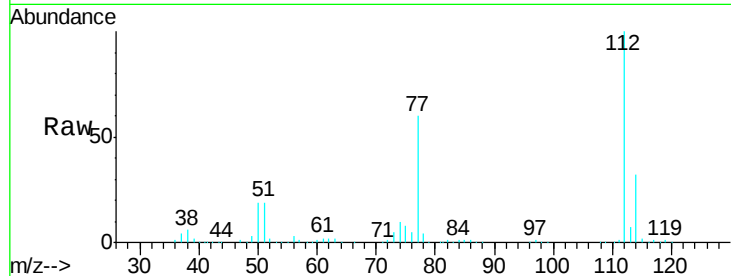




#65
Chlorobenzene
Concen: 54.626 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

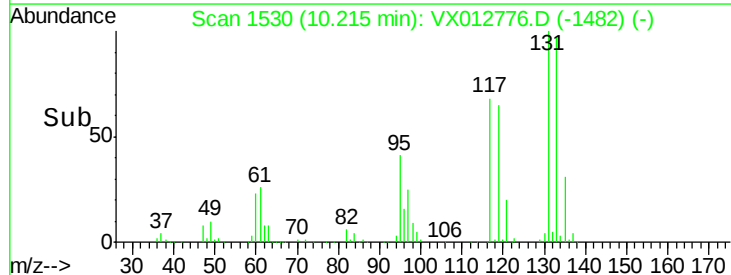
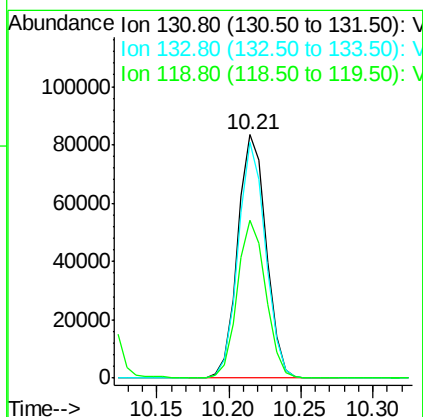
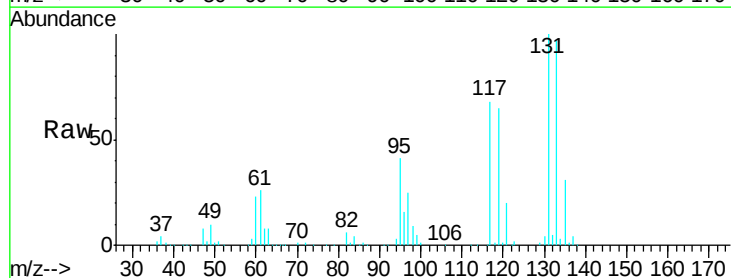
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

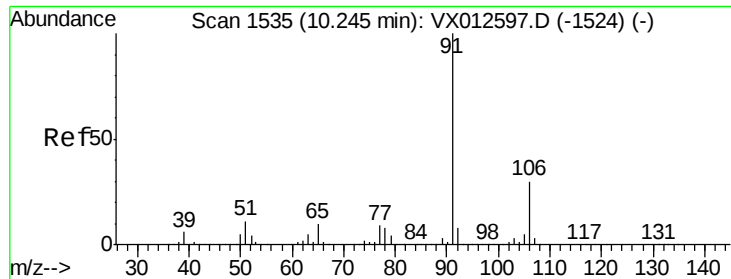
Tgt Ion:112 Resp: 304988
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.756 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:131 Resp: 114814
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 64.6 31.3 93.8

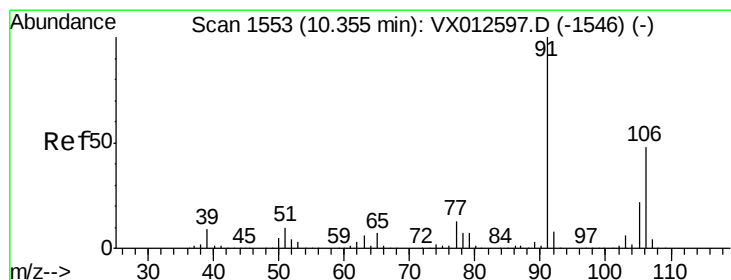
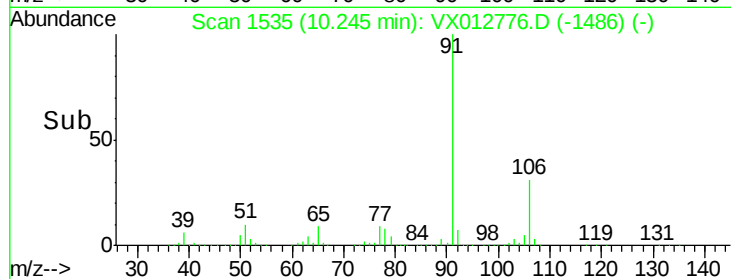
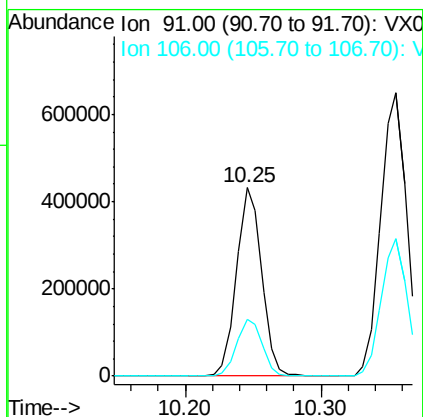
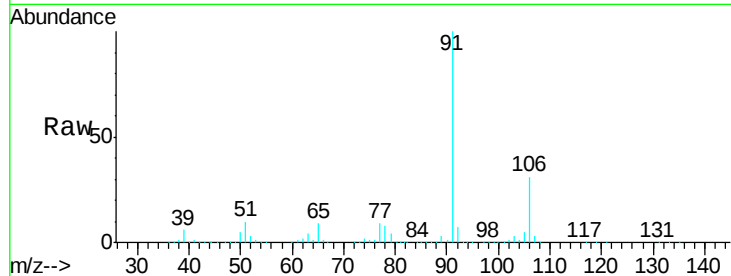




#67
Ethyl Benzene
Concen: 54.963 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

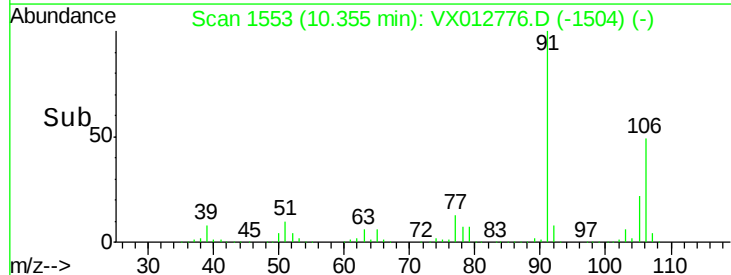
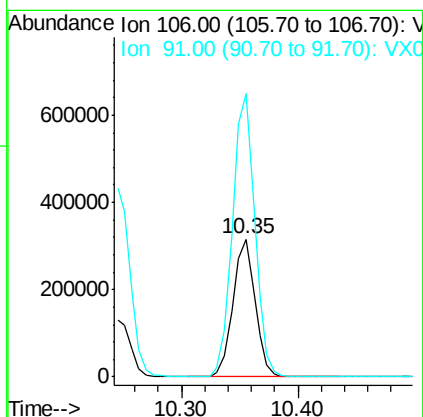
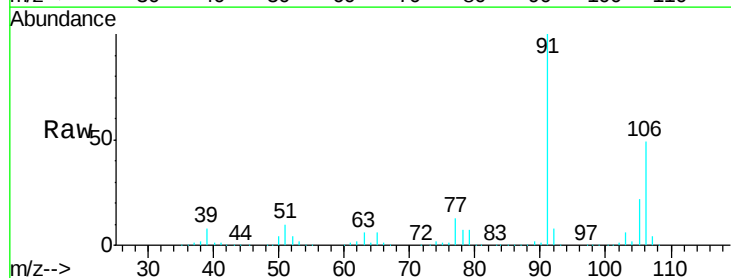
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

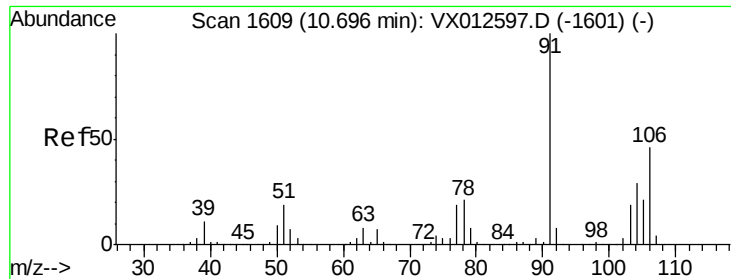
Tgt Ion: 91 Resp: 556580
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 111.307 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 106 Resp: 422230
Ion Ratio Lower Upper
106 100
91 206.8 166.6 250.0

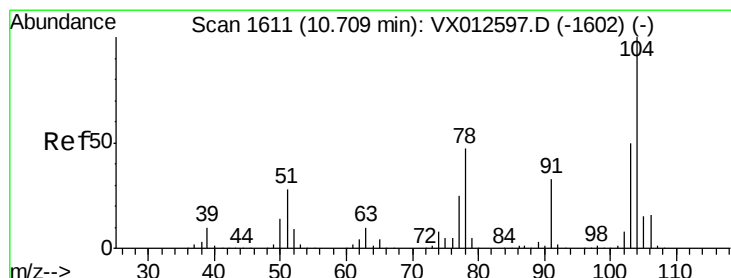
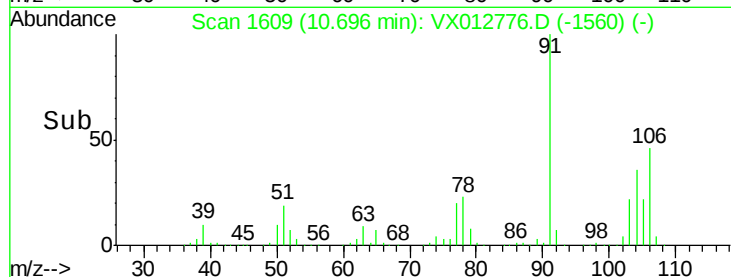
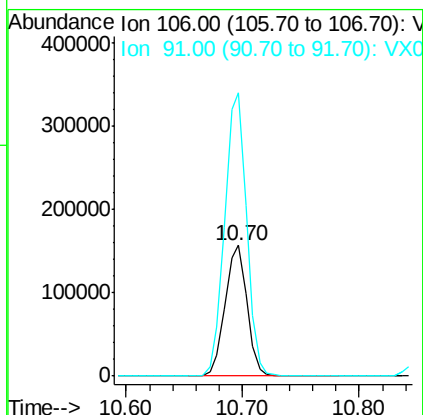
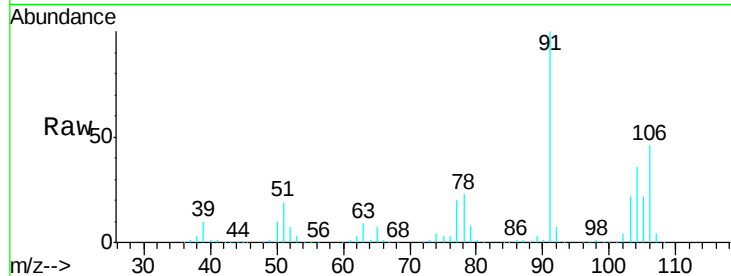




#69
o-Xylene
Concen: 55.653 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

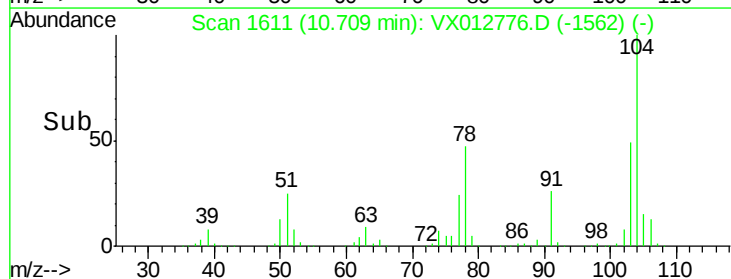
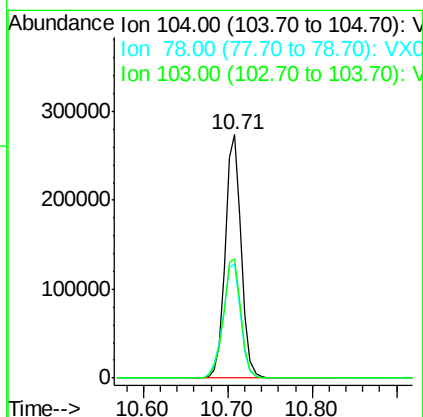
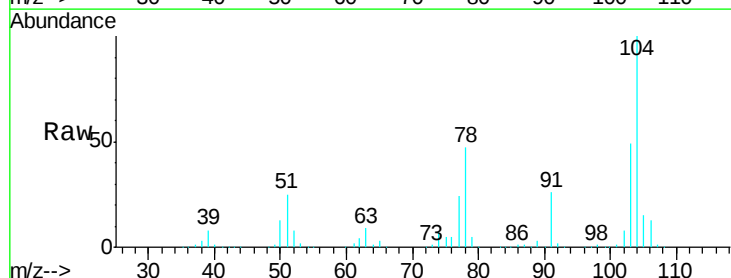
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

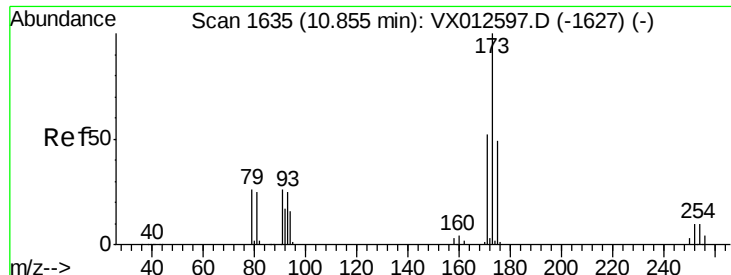
Tgt Ion:106 Resp: 204278
Ion Ratio Lower Upper
106 100
91 217.3 109.4 328.2



#70
Styrene
Concen: 57.994 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:104 Resp: 356859
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 53.8 43.3 64.9





#71

Bromoform

Concen: 58.375 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

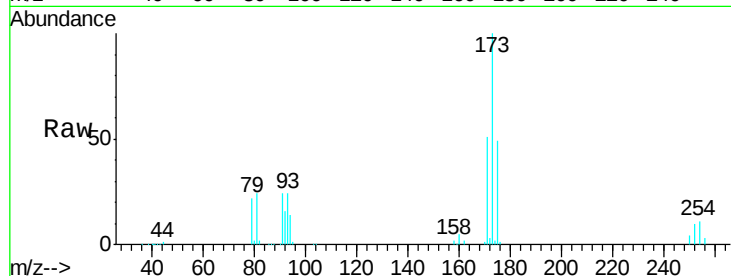
Tgt Ion:173 Resp: 82226

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

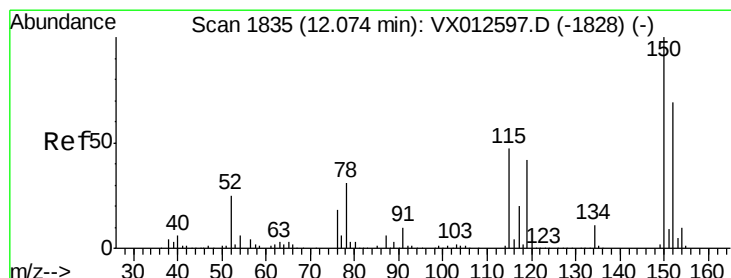
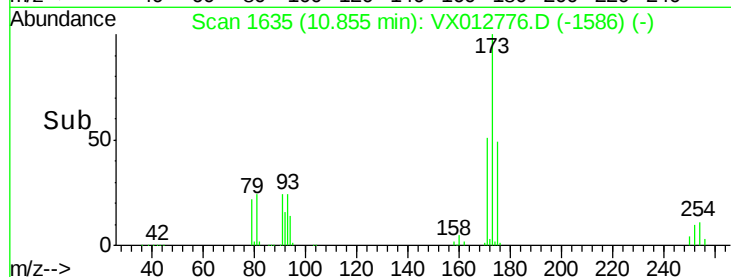
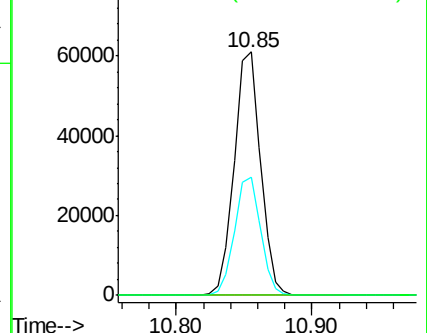
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

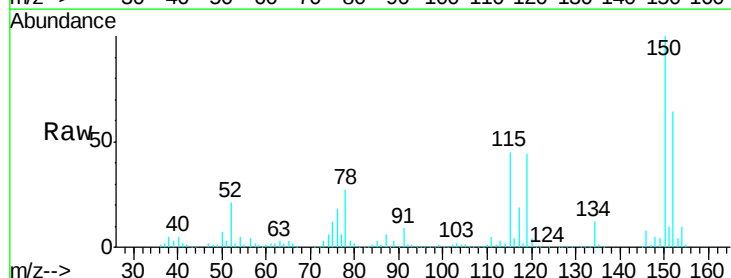
Tgt Ion:152 Resp: 127766

Ion Ratio Lower Upper

152 100

115 93.3 44.1 132.3

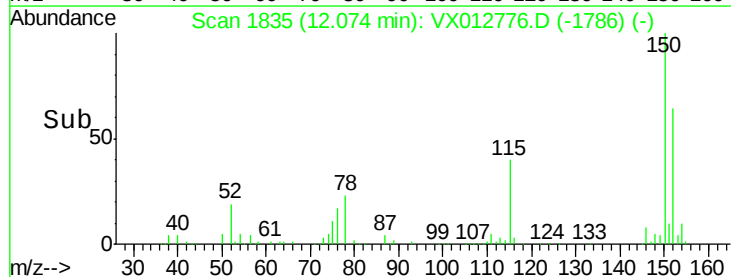
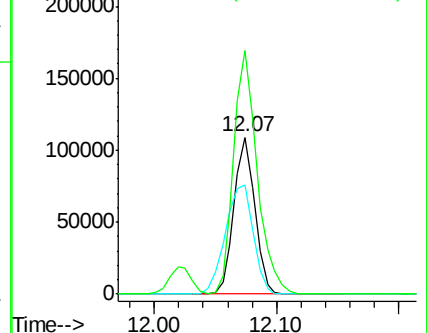
150 176.0 0.0 343.8

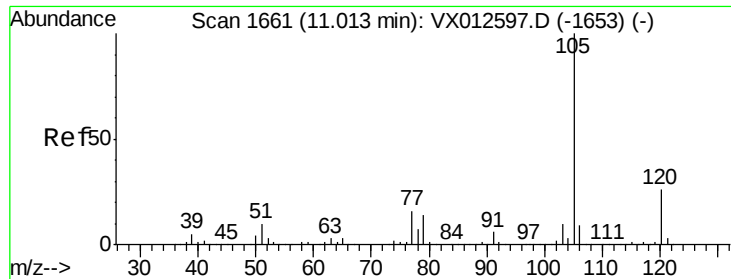


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.227 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

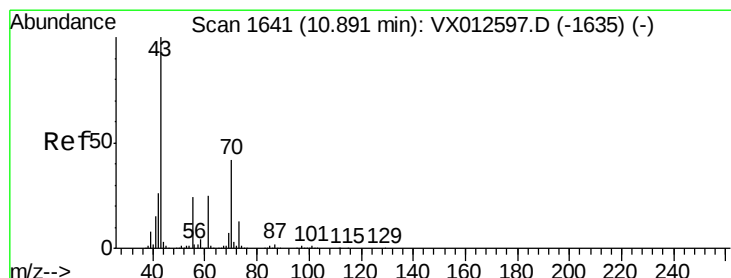
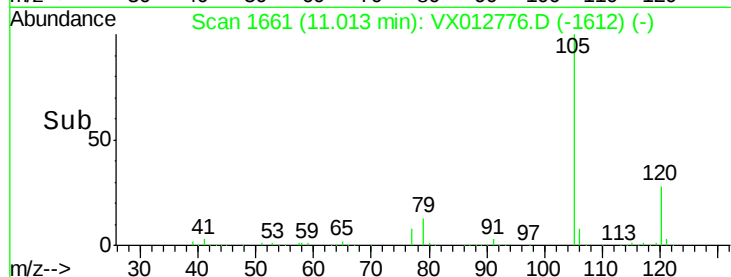
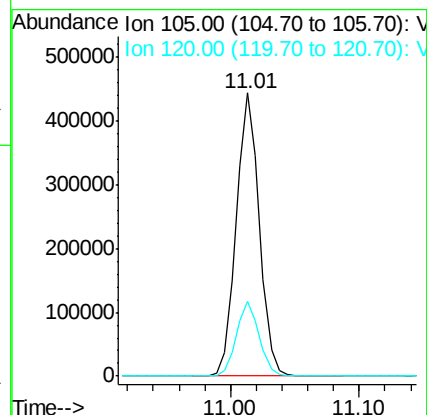
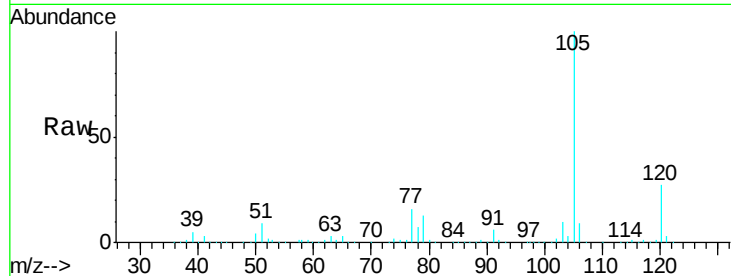
VSTDCCC050

Tgt Ion:105 Resp: 553882

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 49.432 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion: 43 Resp: 245401

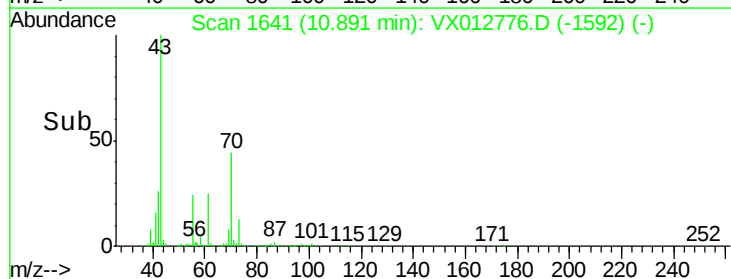
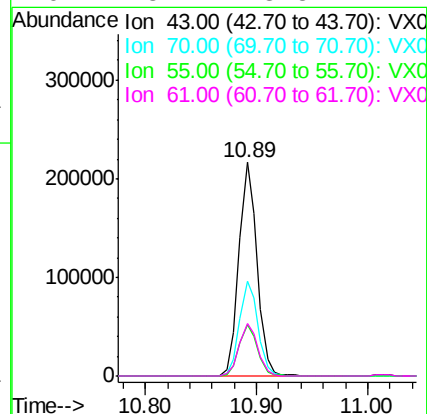
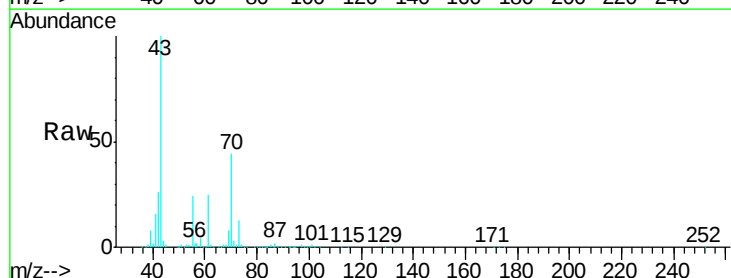
Ion Ratio Lower Upper

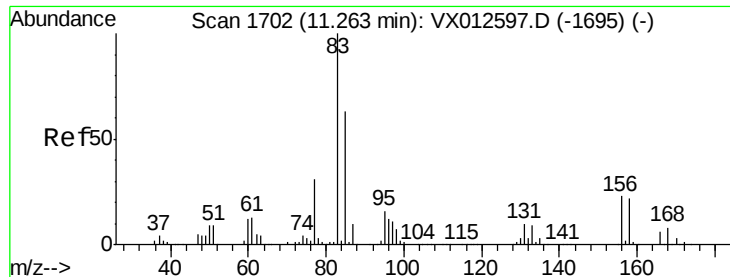
43 100

70 45.0 32.4 48.6

55 24.4 18.2 27.4

61 25.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.244 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

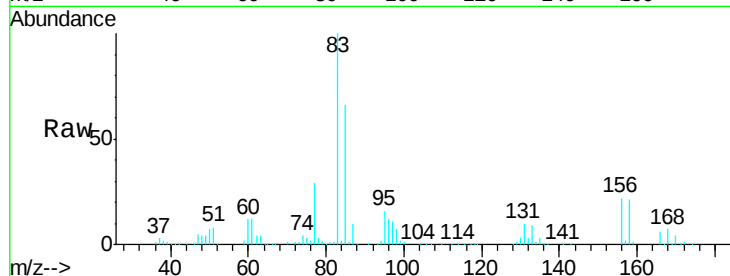
Tgt Ion: 83 Resp: 183497

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

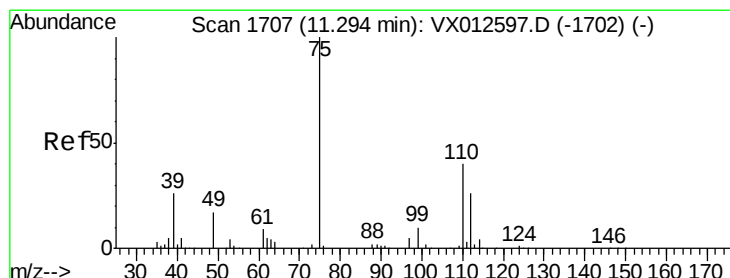
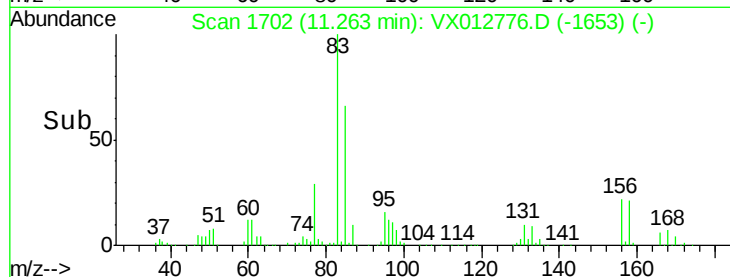
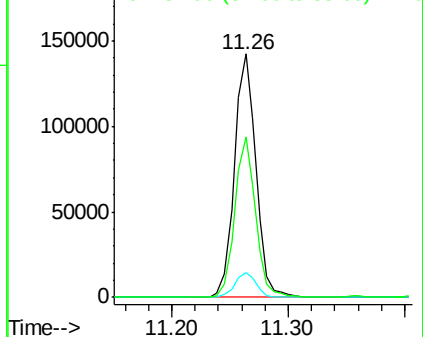
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.416 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012776.D

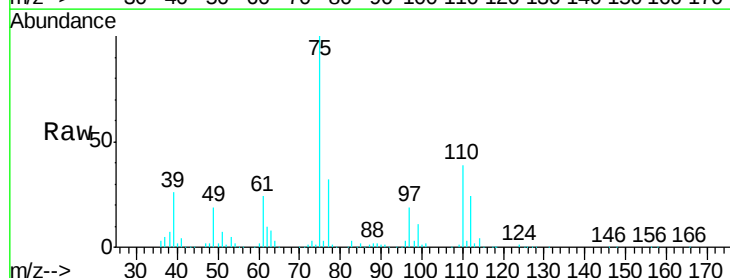
Acq: 03 Oct 2019 11:10

Tgt Ion: 75 Resp: 210950

Ion Ratio Lower Upper

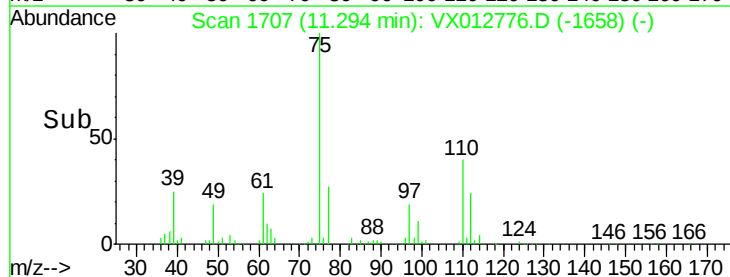
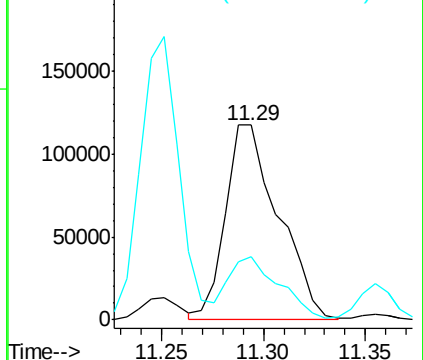
75 100

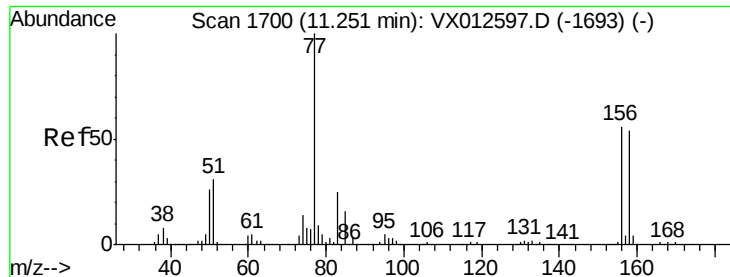
77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.159 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

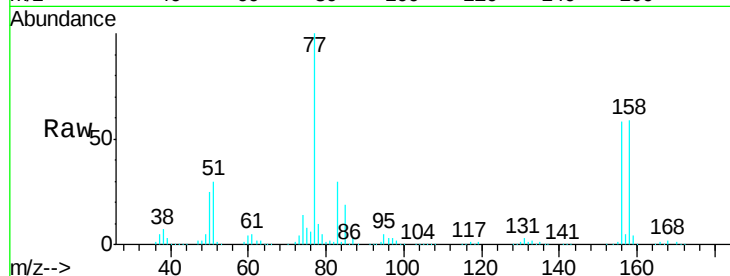
Tgt Ion:156 Resp: 125200

Ion Ratio Lower Upper

156 100

77 180.0 87.3 261.8

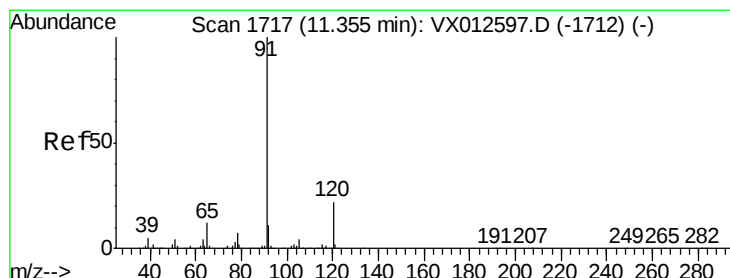
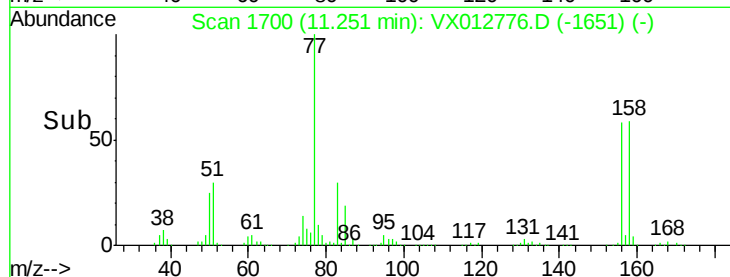
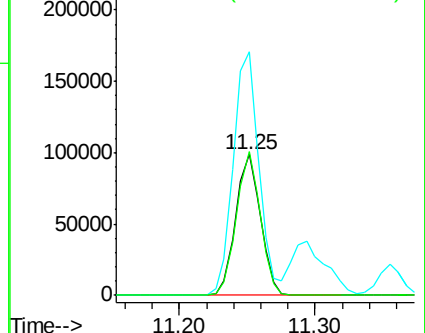
158 99.4 48.5 145.6



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: 54.233 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012776.D

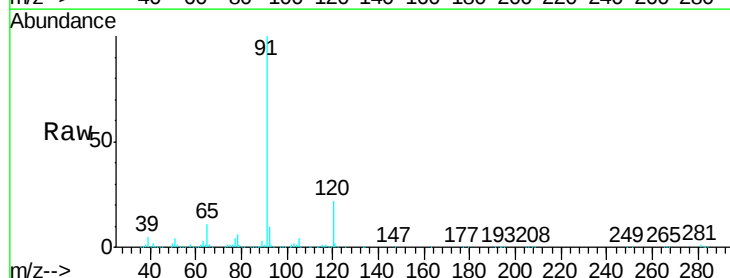
Acq: 03 Oct 2019 11:10

Tgt Ion: 91 Resp: 635369

Ion Ratio Lower Upper

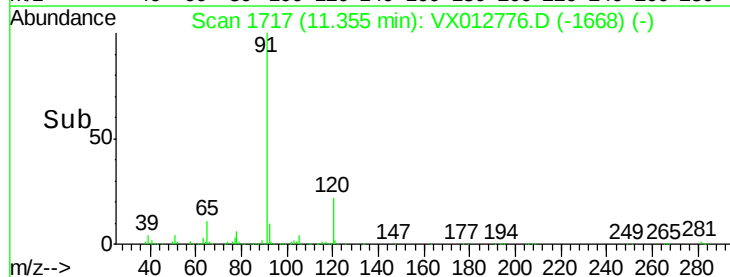
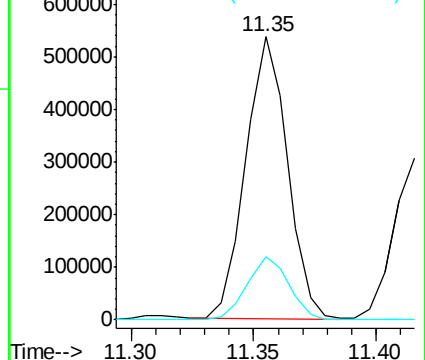
91 100

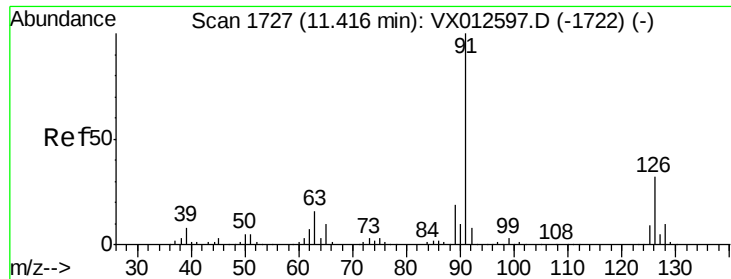
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

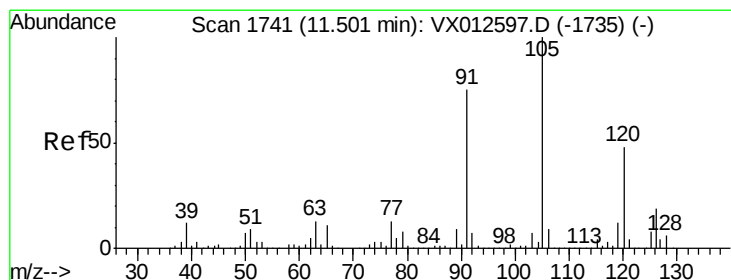
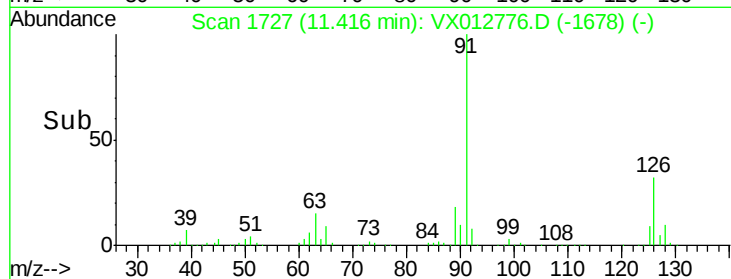
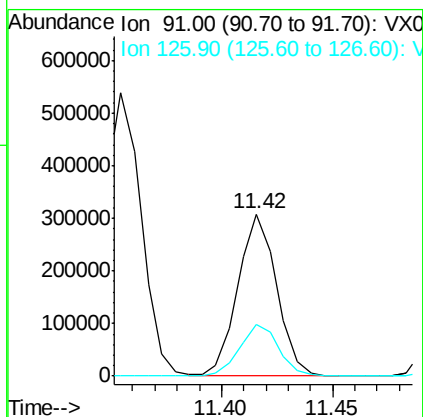
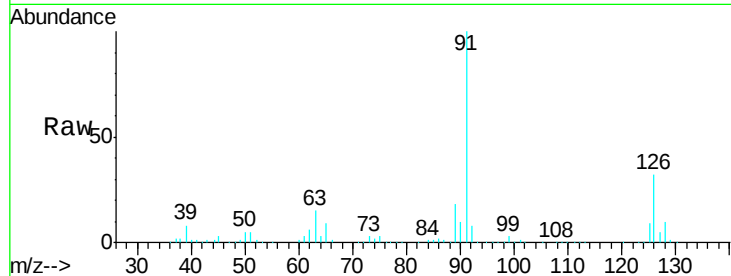




#79
 2-Chlorotoluene
 Concen: 51.011 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

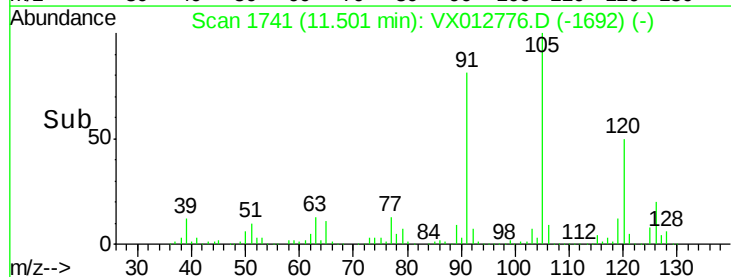
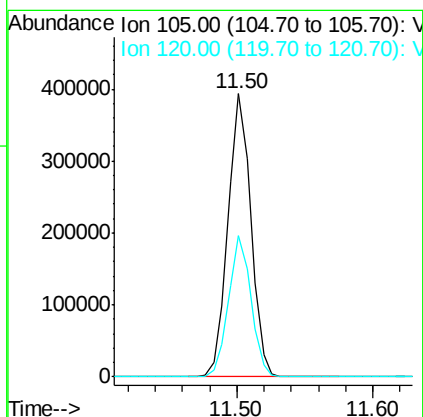
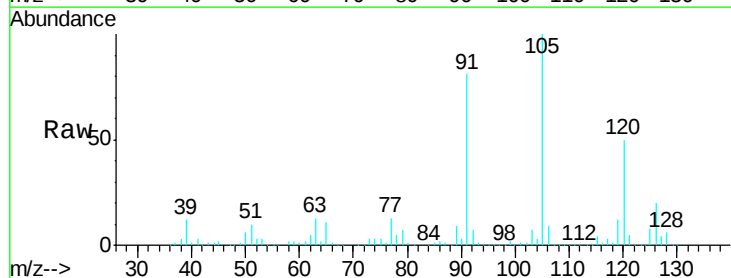
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

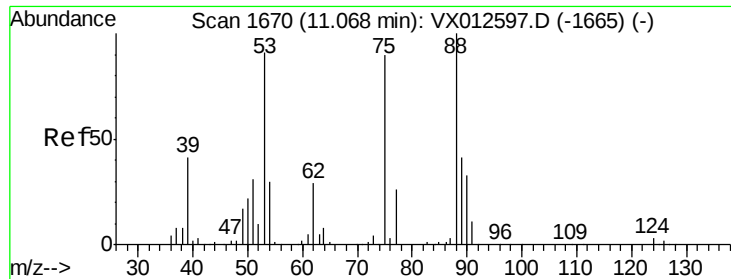
Tgt Ion: 91 Resp: 372806
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.754 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 105 Resp: 460348
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.664 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

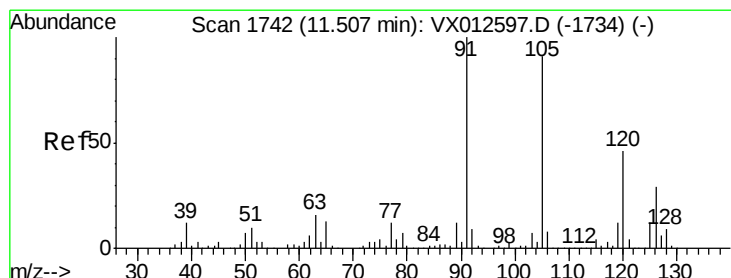
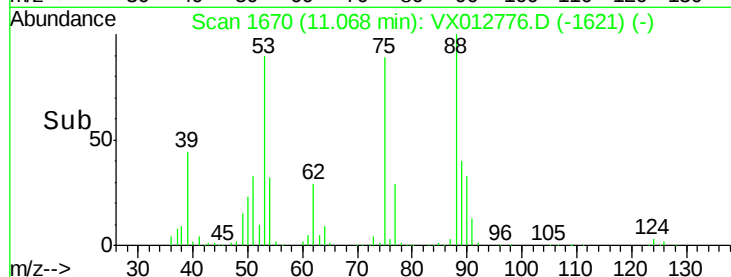
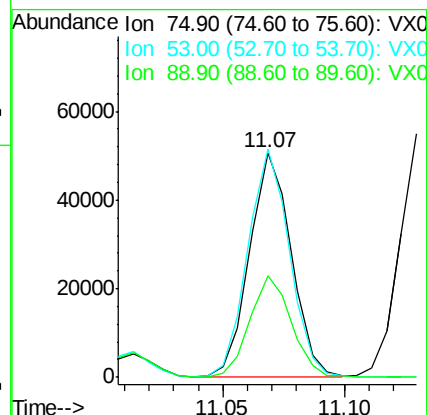
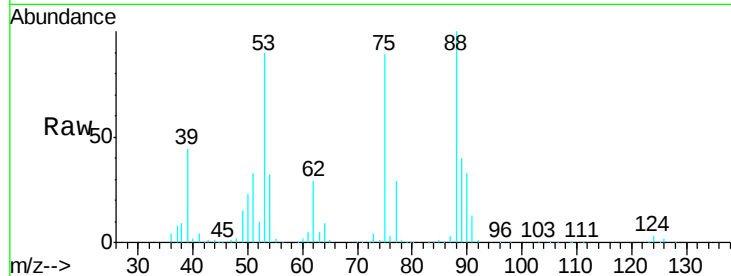
Tgt Ion: 75 Resp: 59750

Ion Ratio Lower Upper

75 100

53 101.6 83.6 125.4

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 52.385 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012776.D

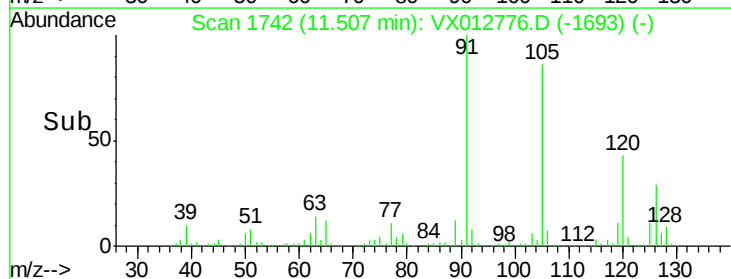
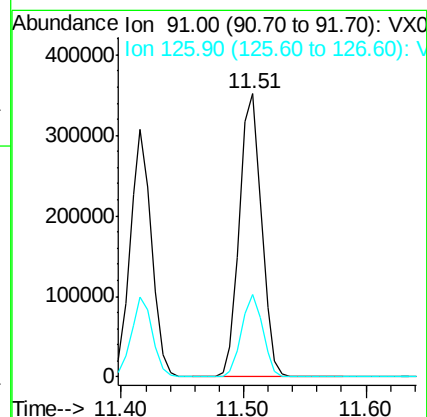
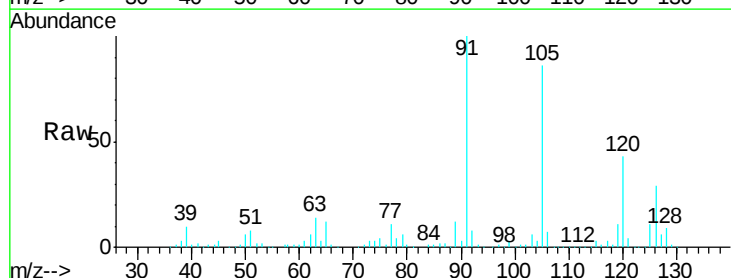
Acq: 03 Oct 2019 11:10

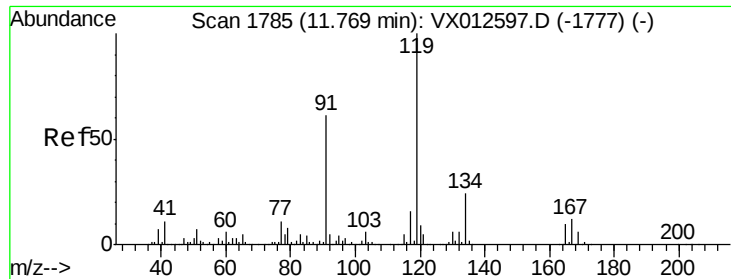
Tgt Ion: 91 Resp: 436425

Ion Ratio Lower Upper

91 100

126 28.1 14.4 43.0

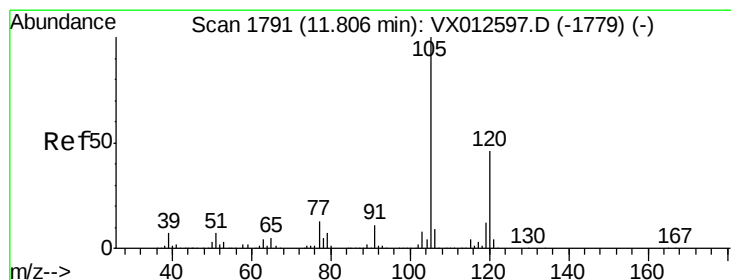
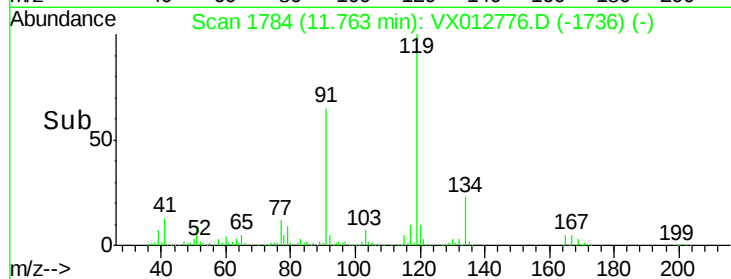
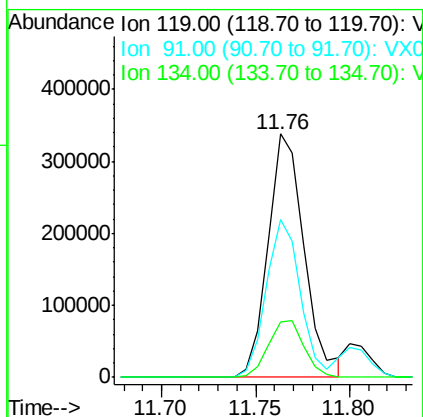
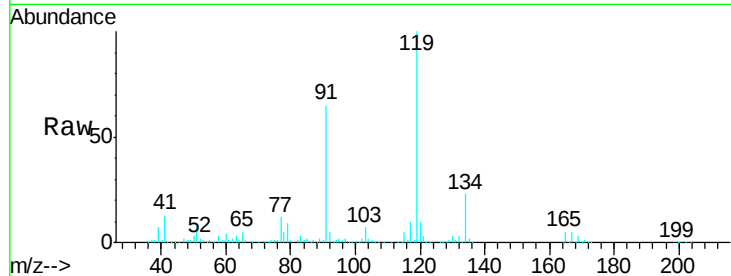




#83
 tert-Butylbenzene
 Concen: 53.378 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

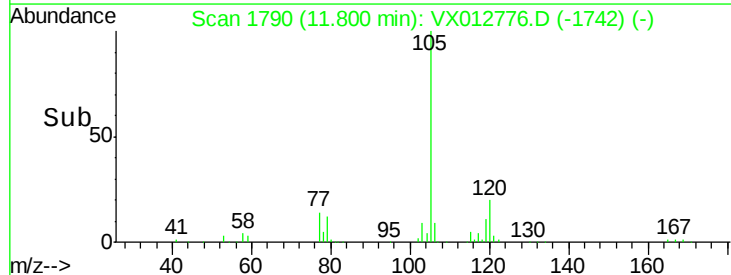
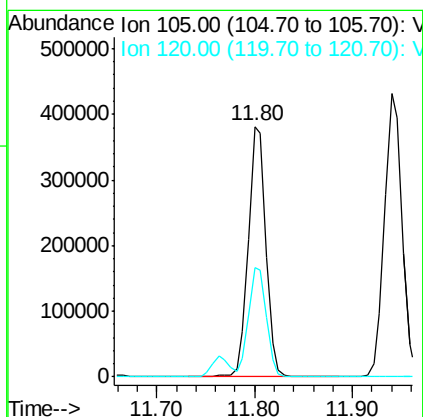
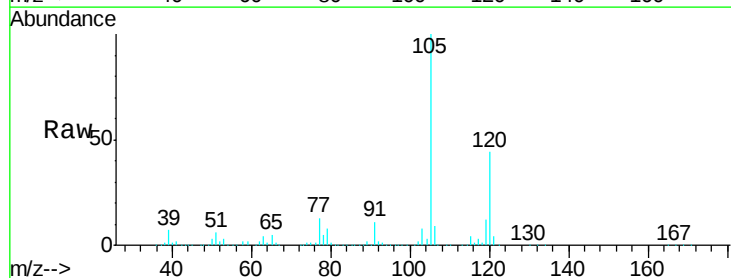
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

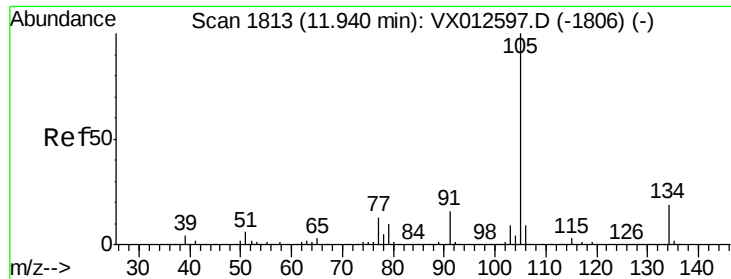
Tgt Ion:119 Resp: 449326
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.0
 134 23.2 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.047 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:105 Resp: 475777
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6

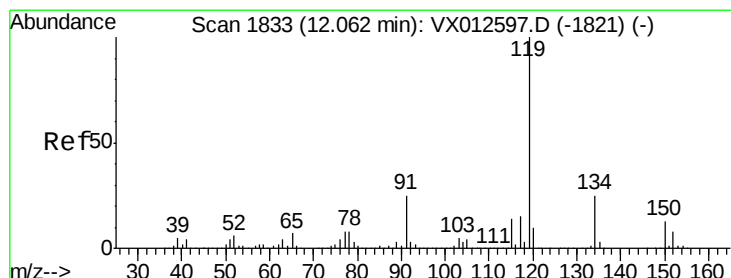
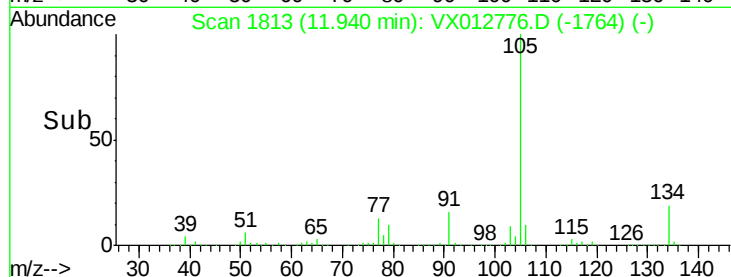
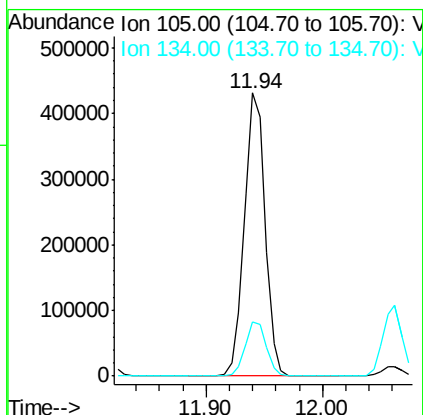
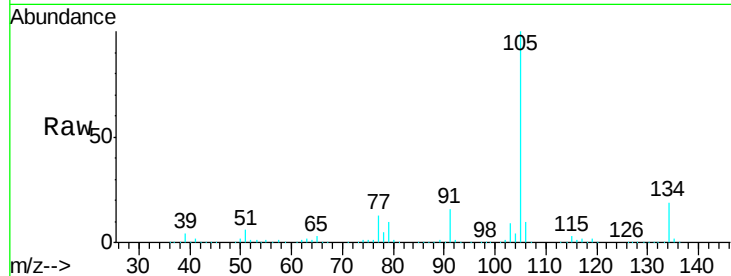




#85
 sec-Butylbenzene
 Concen: 55.026 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

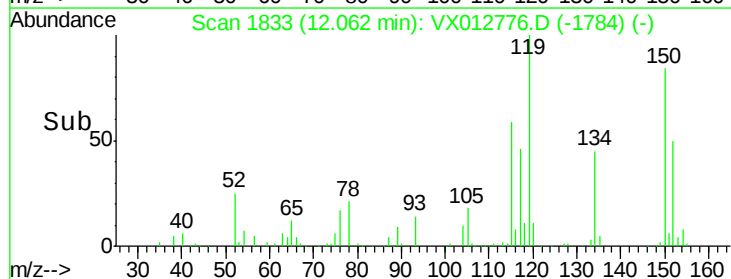
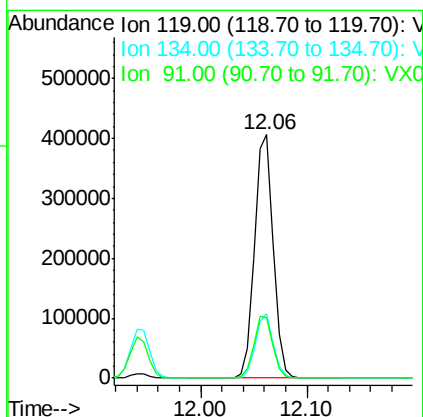
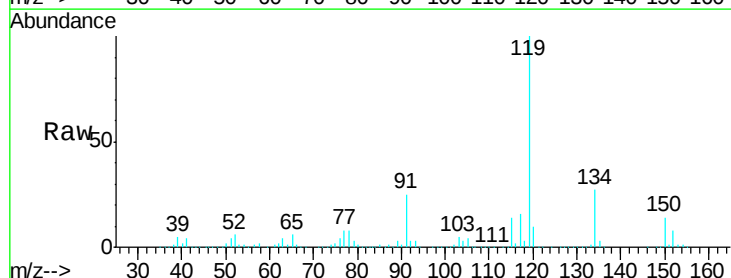
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

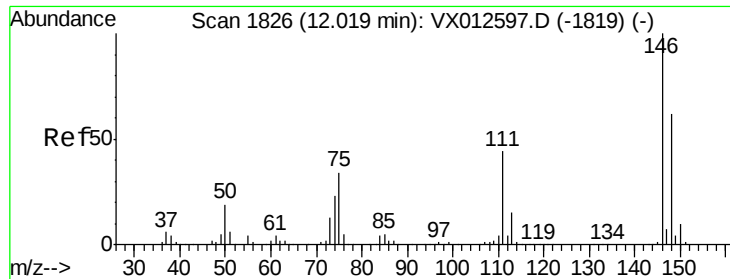
Tgt Ion:105 Resp: 538749
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.631 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:119 Resp: 500305
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 25.4 12.8 38.4

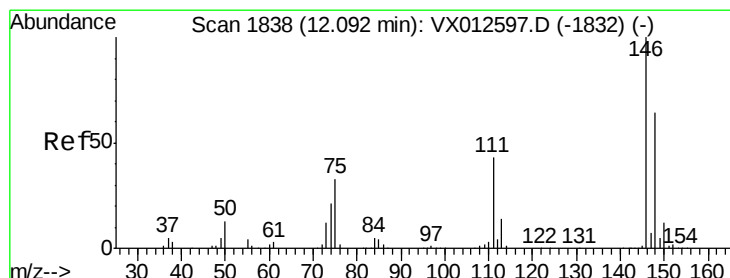
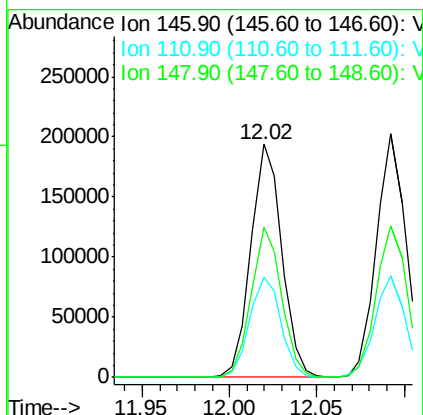
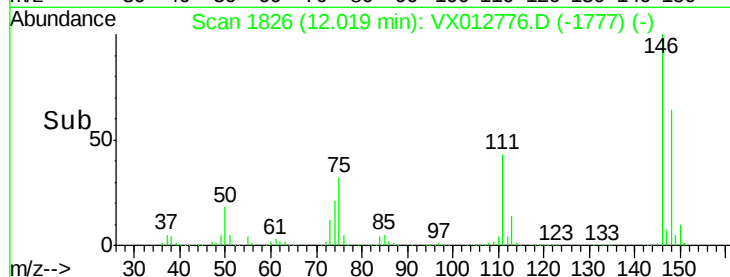
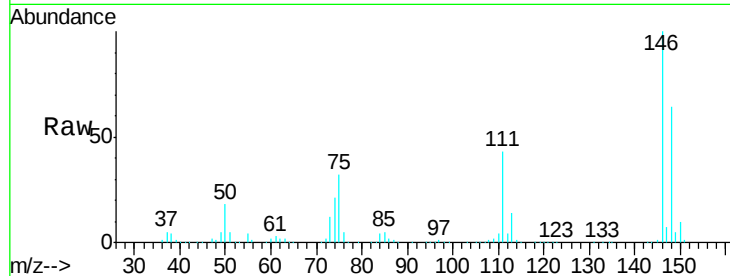




#87
 1,3-Dichlorobenzene
 Concen: 56.152 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

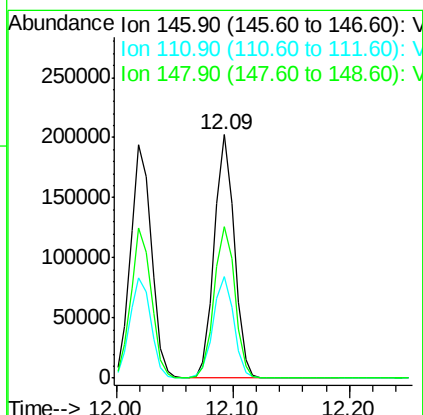
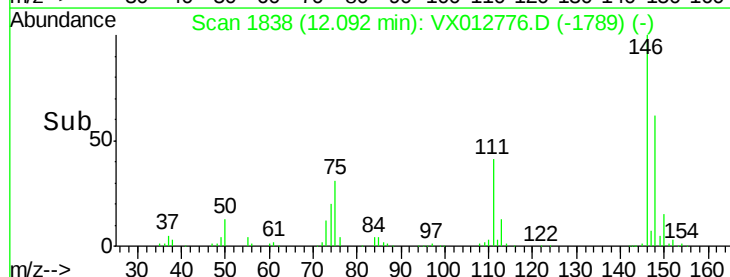
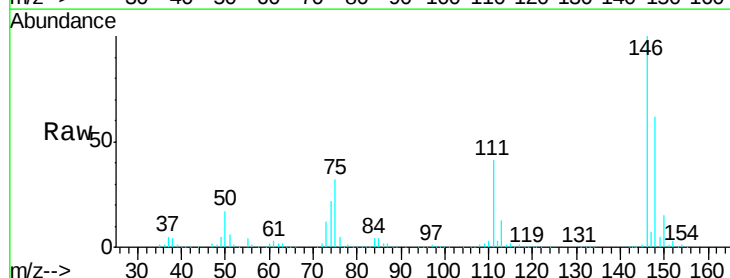
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

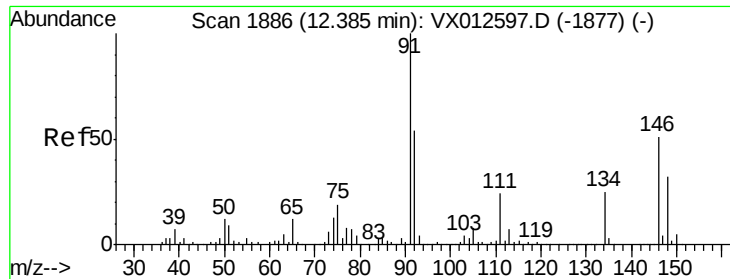
Tgt Ion:146 Resp: 237998
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.3 64.0
 148 63.2 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 55.733 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:146 Resp: 238699
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.3
 148 64.8 32.1 96.5

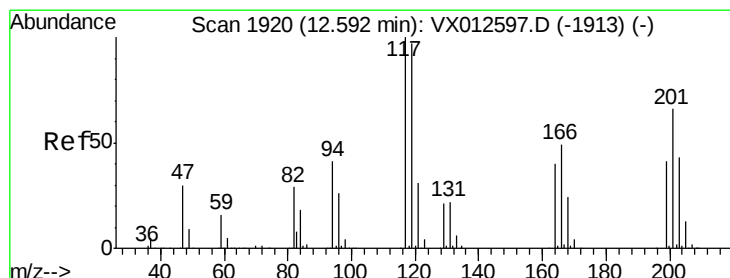
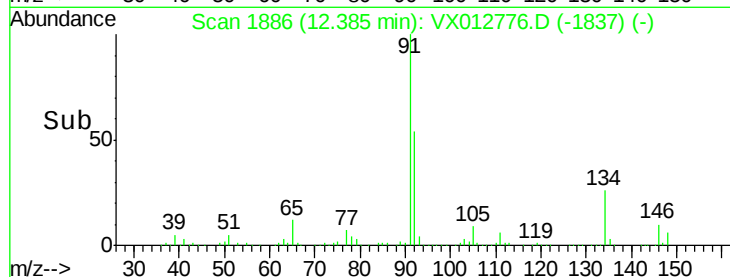
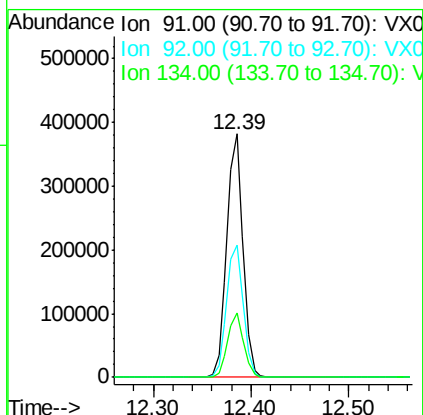
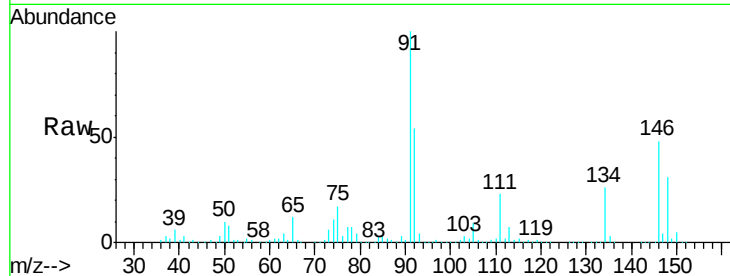




#89
n-Butylbenzene
Concen: 56.370 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

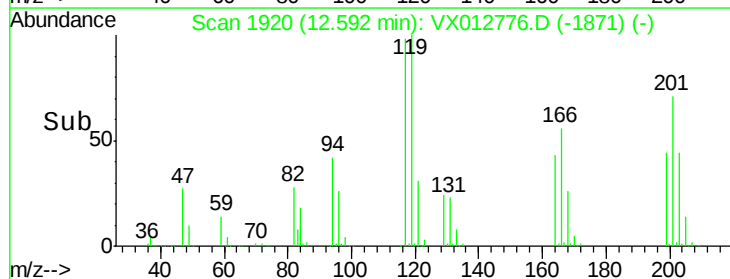
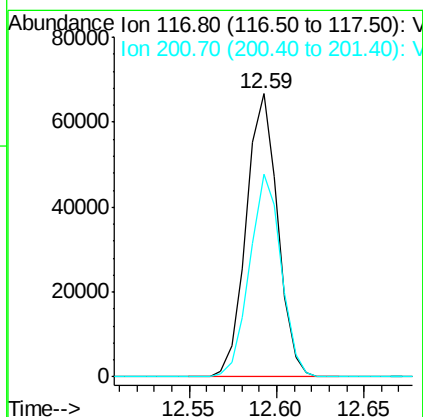
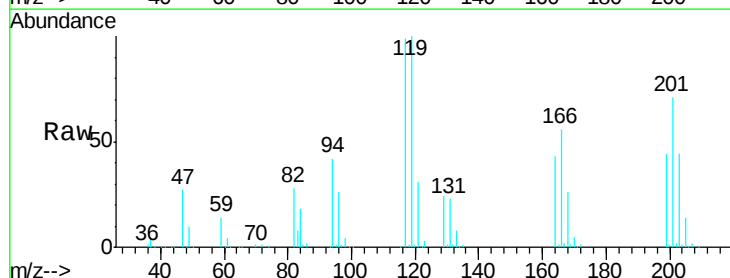
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

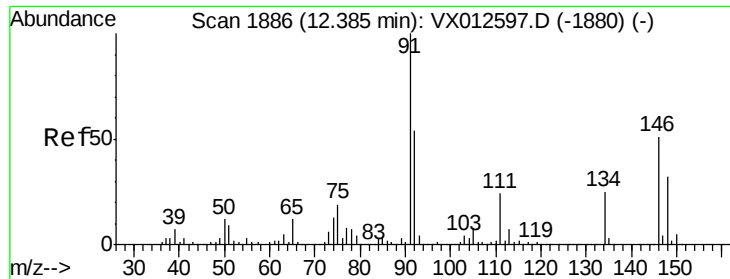
Tgt Ion: 91 Resp: 438833
Ion Ratio Lower Upper
91 100
92 56.2 27.7 83.0
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 53.025 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 117 Resp: 83514
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8

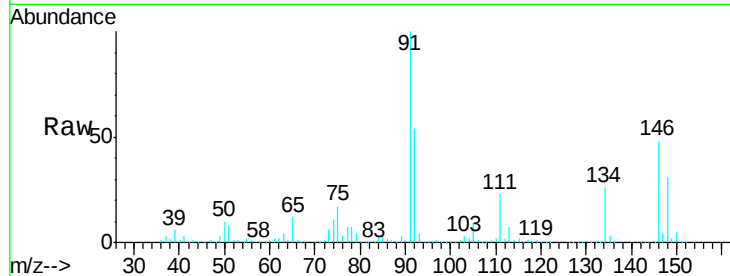




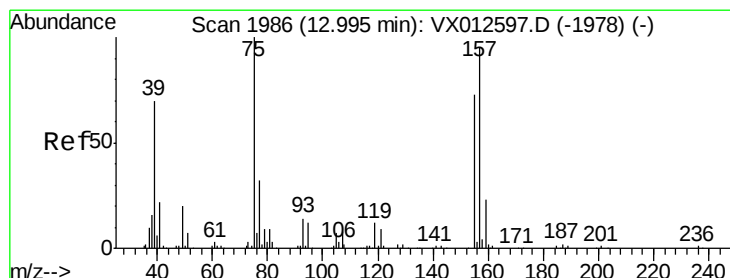
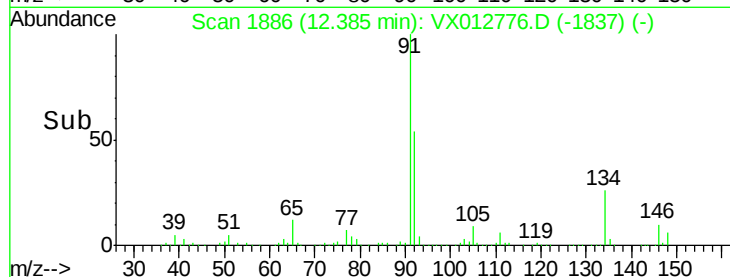
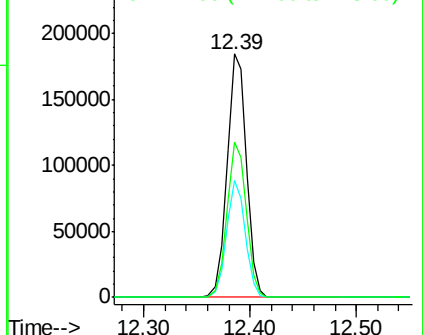
#91
 1,2-Dichlorobenzene
 Concen: 55.361 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 234914
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.1 66.1
 148 63.5 31.3 93.9

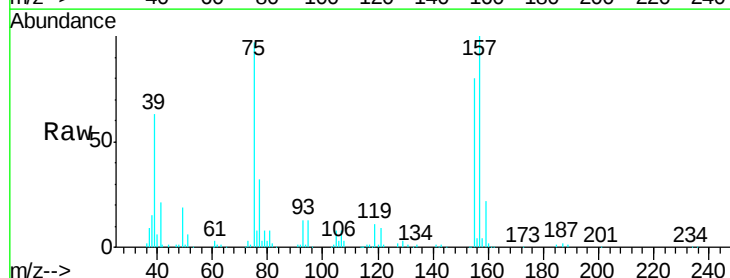


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

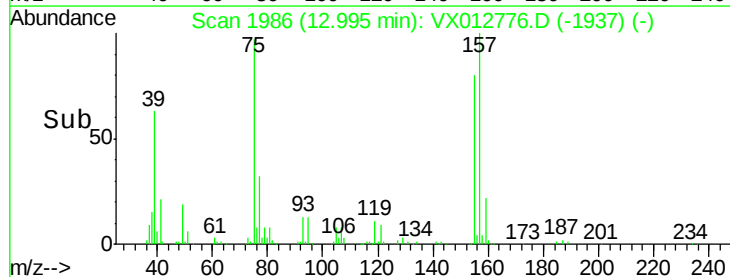
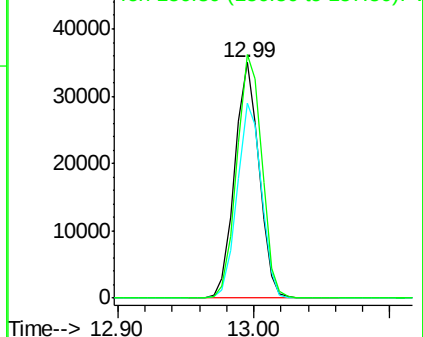


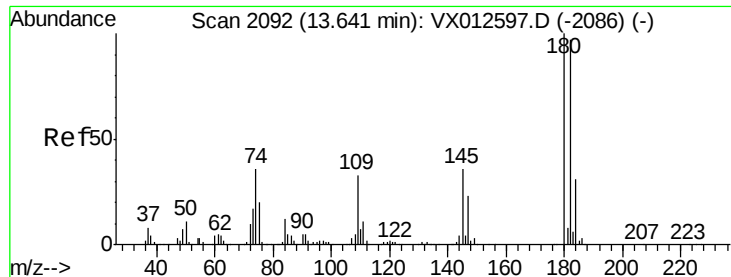
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.638 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 75 Resp: 43655
 Ion Ratio Lower Upper
 75 100
 155 82.5 38.6 115.8
 157 105.6 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

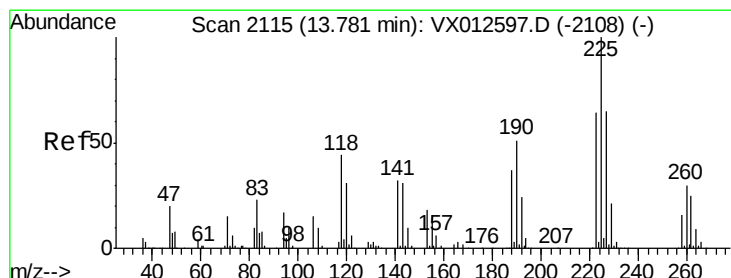
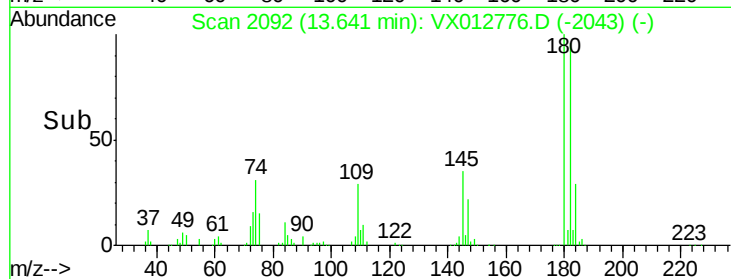
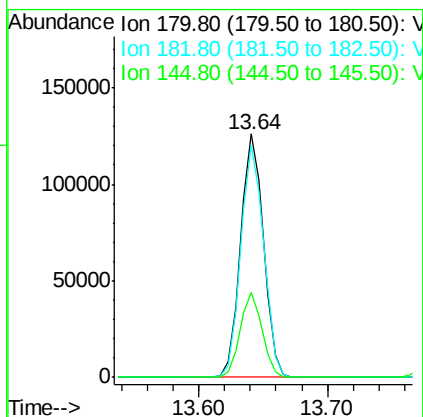
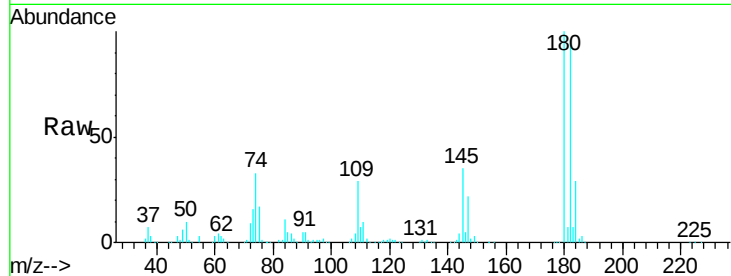




#93
 1,2,4-Trichlorobenzene
 Concen: 59.719 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

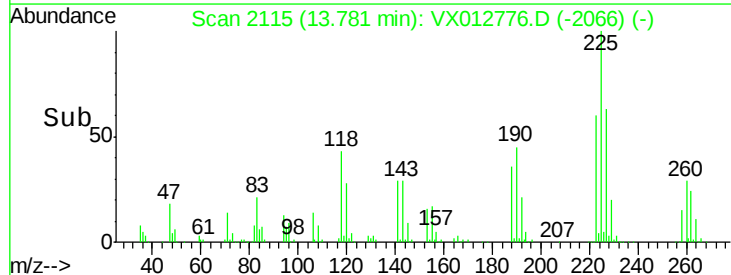
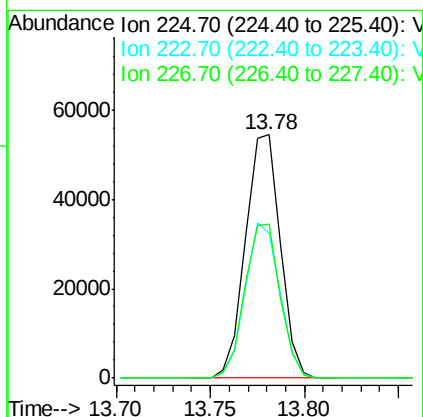
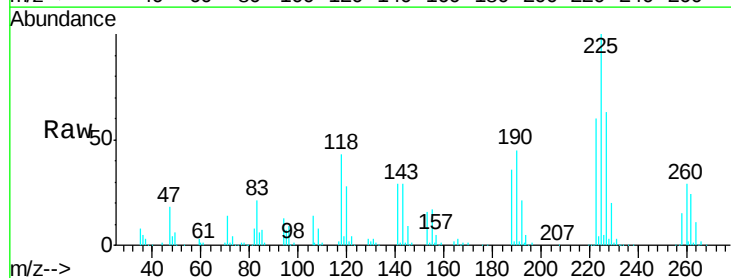
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

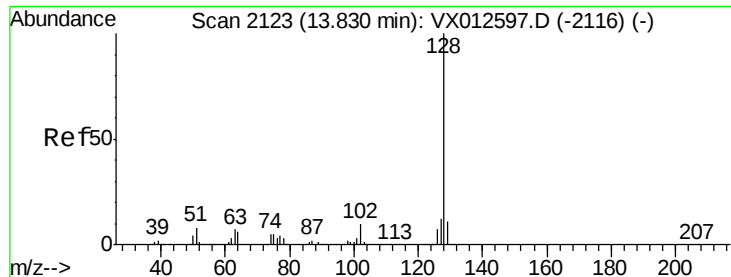
Tgt Ion:180 Resp: 154541
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.0 141.0
 145 33.6 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 62.752 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:225 Resp: 69860
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.0 96.2
 227 64.2 31.9 95.5

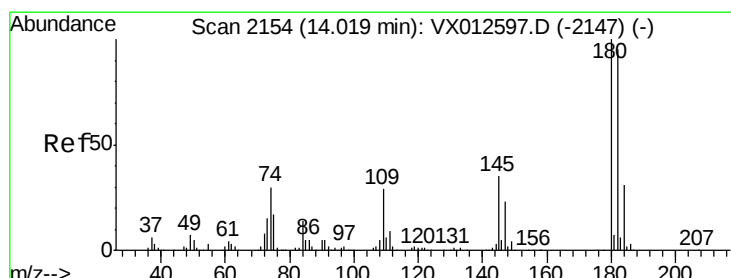
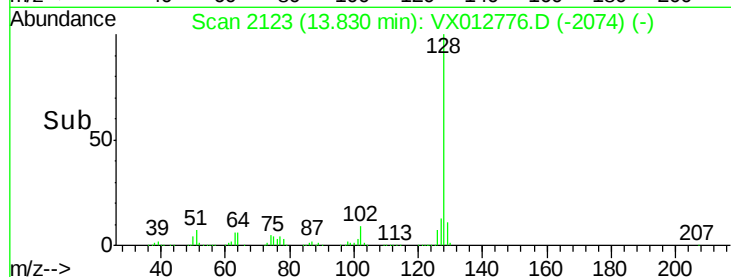
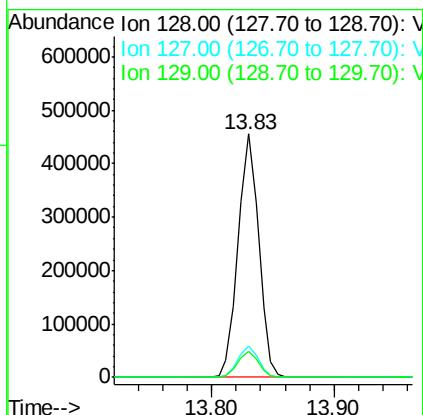
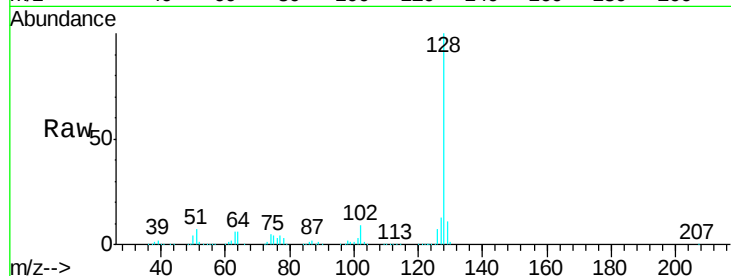




#95
Naphthalene
Concen: 56.550 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 529463
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.785 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:180 Resp: 152386
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 36.6 18.0 54.0

