

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013183.D
 Acq On : 23 Oct 2019 09:38
 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 24 04:03:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	95077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	136283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	138278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	96274	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.48	113	77040	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.71	98	287111	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	115291	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96986	50.554	ug/l	100
3) Chloromethane	1.32	50	84061	53.144	ug/l	96
4) Vinyl Chloride	1.40	62	85867	49.734	ug/l	99
5) Bromomethane	1.63	94	44476	48.602	ug/l	97
6) Chloroethane	1.71	64	53623	55.794	ug/l	95
7) Trichlorofluoromethane	1.92	101	144025	52.847	ug/l	99
8) Diethyl Ether	2.18	74	49462	52.935	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88034	52.176	ug/l	99
10) Methyl Iodide	2.50	142	105976	49.865	ug/l	99
11) Tert butyl alcohol	3.03	59	111016	257.366	ug/l	100
12) 1,1-Dichloroethene	2.36	96	84269	52.030	ug/l	98
13) Acrolein	2.28	56	62058	265.986	ug/l	95
14) Allyl chloride	2.72	41	132023	51.777	ug/l	100
15) Acrylonitrile	3.13	53	216375	246.856	ug/l	100
16) Acetone	2.43	43	260152	277.684	ug/l	99
17) Carbon Disulfide	2.56	76	223070	51.229	ug/l	100
18) Methyl Acetate	2.76	43	103827	50.739	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	286983	50.317	ug/l	97
20) Methylene Chloride	2.84	84	91789	52.378	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88538	52.515	ug/l	91
22) Diisopropyl ether	3.84	45	253579	50.862	ug/l	97
23) Vinyl Acetate	3.80	43	1120948	264.525	ug/l	100
24) 1,1-Dichloroethane	3.69	63	154839	50.492	ug/l	99
25) 2-Butanone	4.65	43	321323	255.743	ug/l	99
26) 2,2-Dichloropropane	4.57	77	147764	52.137	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	100258	50.545	ug/l	98
28) Bromochloromethane	5.00	49	41124	52.007	ug/l	99
29) Tetrahydrofuran	5.11	42	184462	243.569	ug/l	98
30) Chloroform	5.20	83	164091	50.257	ug/l	97
31) Cyclohexane	5.57	56	137009	53.275	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	151226	52.092	ug/l	100
36) 1,1-Dichloropropene	5.78	75	123543	54.162	ug/l	99
37) Ethyl Acetate	4.81	43	112701	49.625	ug/l	99
38) Carbon Tetrachloride	5.78	117	133091	52.834	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154744	53.039	ug/l	98
40) Benzene	6.13	78	355709	51.964	ug/l	99
41) Methacrylonitrile	5.03	41	65267	53.604	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133267	51.635	ug/l	98
43) Isopropyl Acetate	6.43	43	197067	52.263	ug/l	99
44) Trichloroethene	7.20	130	99584	51.258	ug/l	98
45) 1,2-Dichloropropane	7.50	63	87271	50.902	ug/l	100
46) Dibromomethane	7.65	93	62991	50.995	ug/l	99
47) Bromodichloromethane	7.89	83	129113	53.635	ug/l	99
48) Methyl methacrylate	7.76	41	94747	50.839	ug/l	98
49) 1,4-Dioxane	7.73	88	48893	1030.794	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	584895	254.487	ug/l	100
52) Toluene	8.78	92	234360	51.661	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	145556	56.900	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	157919	56.431	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90491	50.453	ug/l	96
56) Ethyl methacrylate	9.17	69	147914	54.794	ug/l	98
57) 1,3-Dichloropropane	9.36	76	153103	50.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	303279	287.928	ug/l	100
59) 2-Hexanone	9.48	43	464768	262.523	ug/l	98
60) Dibromochloromethane	9.57	129	102713	54.653	ug/l	98
61) 1,2-Dibromoethane	9.67	107	99360	52.183	ug/l	99
64) Tetrachloroethene	9.33	164	96079	56.566	ug/l	98
65) Chlorobenzene	10.13	112	250746	51.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95671	53.503	ug/l	98
67) Ethyl Benzene	10.25	91	458501	52.910	ug/l	98
68) m/p-Xylenes	10.36	106	344154	105.089	ug/l	100
69) o-Xylene	10.69	106	163990	52.201	ug/l	100
70) Styrene	10.71	104	289754	53.564	ug/l	100
71) Bromoform	10.85	173	75400	57.708	ug/l #	98
73) Isopropylbenzene	11.01	105	457985	51.840	ug/l	99
74) N-amyl acetate	10.89	43	168782	52.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135970	50.688	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	159033	67.824	ug/l	87
77) Bromobenzene	11.25	156	107452	50.747	ug/l	97
78) n-propylbenzene	11.35	91	512714	53.427	ug/l	99
79) 2-Chlorotoluene	11.42	91	308652	50.905	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	390318	53.154	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46750	54.788	ug/l	98
82) 4-Chlorotoluene	11.51	91	359604	52.343	ug/l	95
83) tert-Butylbenzene	11.76	119	371838	51.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389976	52.651	ug/l	98
85) sec-Butylbenzene	11.94	105	448375	54.232	ug/l	100
86) p-Isopropyltoluene	12.06	119	424104	54.602	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200263	52.353	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200723	51.538	ug/l	99
89) n-Butylbenzene	12.39	91	360250	56.698	ug/l	96
90) Hexachloroethane	12.59	117	72051	55.392	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191760	50.979	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34854	52.249	ug/l	97

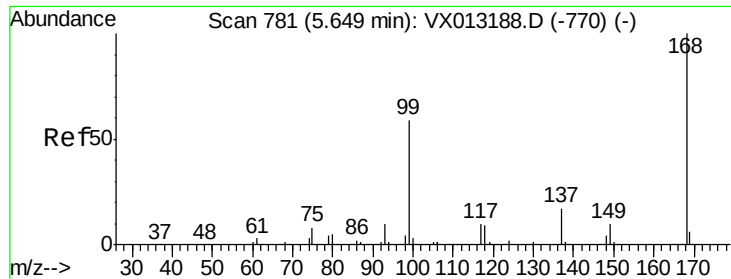
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
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Quant Time: Oct 24 04:03:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124703	52.649	ug/l	95
94) Hexachlorobutadiene	13.78	225	63361	51.713	ug/l	94
95) Naphthalene	13.83	128	398085	54.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124855	53.344	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

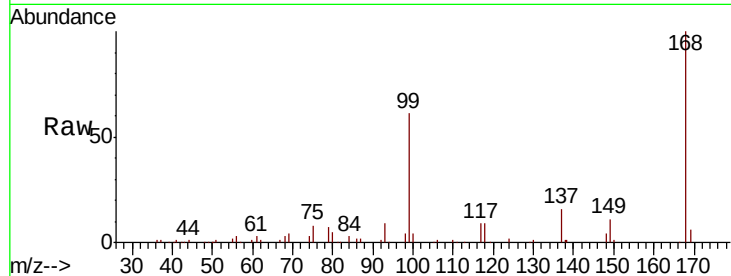
VSTDCCC050

Tot Ion:168 Resp: 95077

Ion Ratio Lower Upper

168 100

99 60.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

20000

10000

0

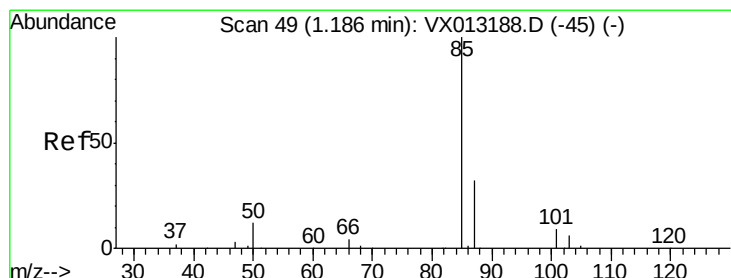
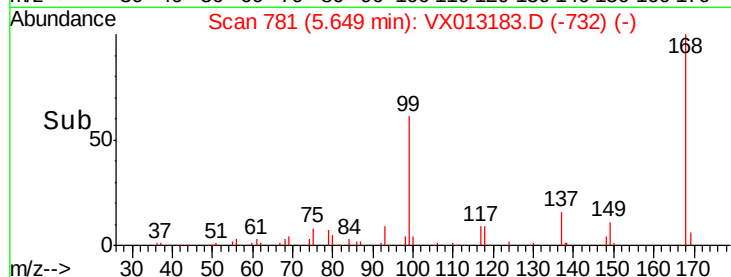
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.554 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013183.D

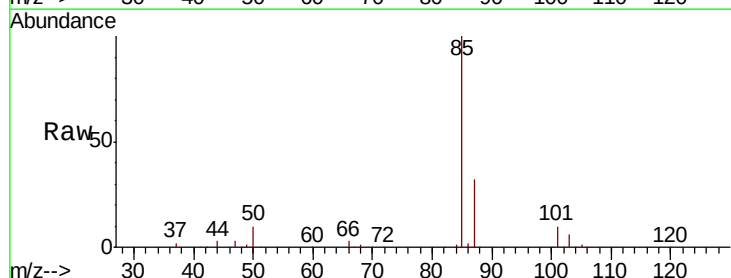
Acq: 23 Oct 2019 09:38

Tgt Ion: 85 Resp: 96986

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6



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

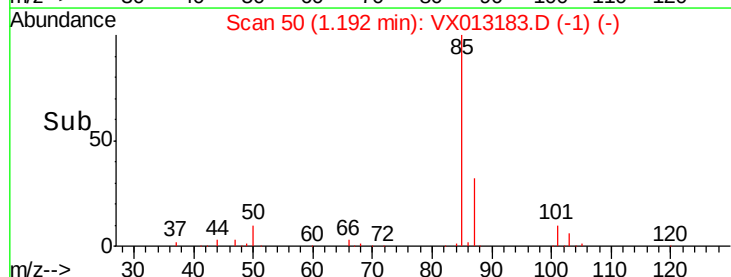
Time-->

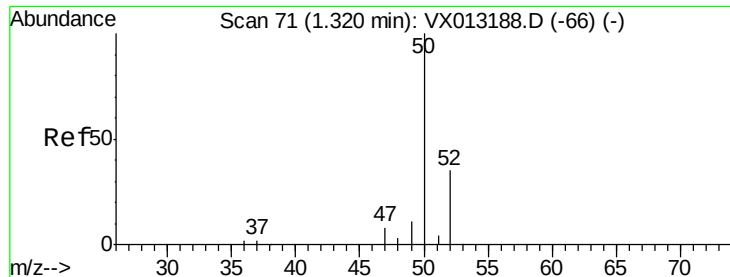
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 53.144 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

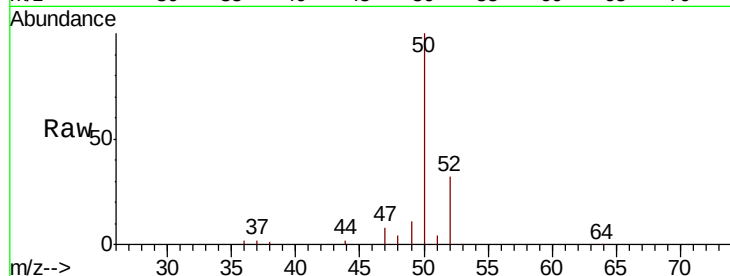
VSTDCCC050

Tot Ion: 50 Resp: 84061

Ion Ratio Lower Upper

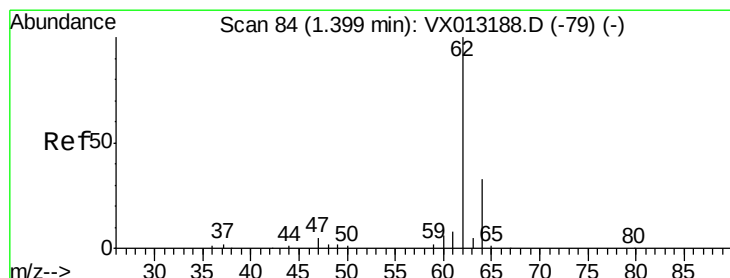
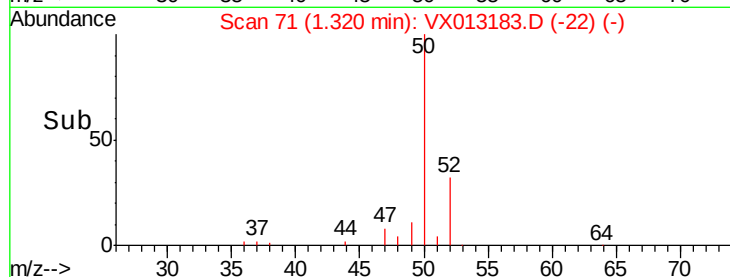
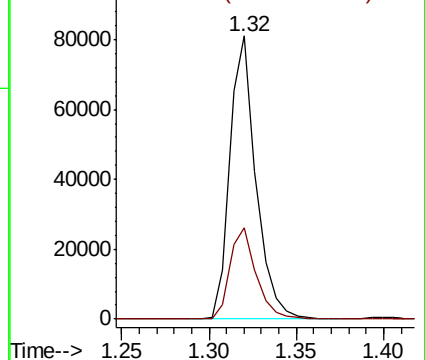
50 100

52 32.1 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.734 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013183.D

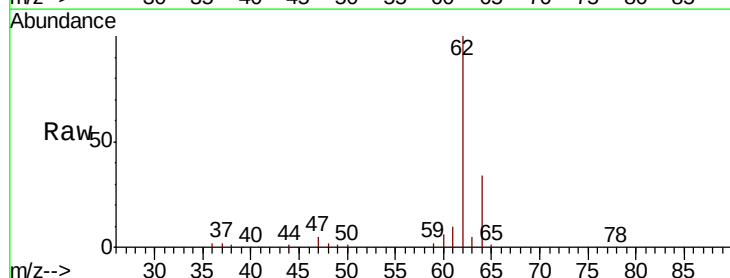
Acq: 23 Oct 2019 09:38

Tgt Ion: 62 Resp: 85867

Ion Ratio Lower Upper

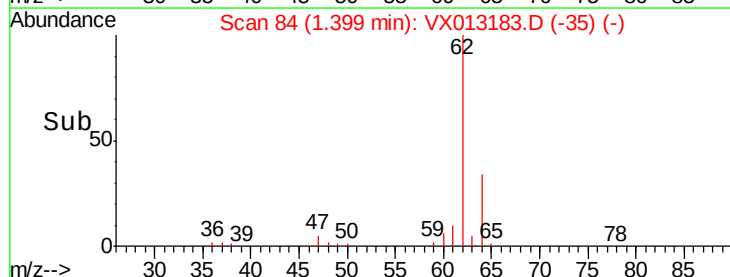
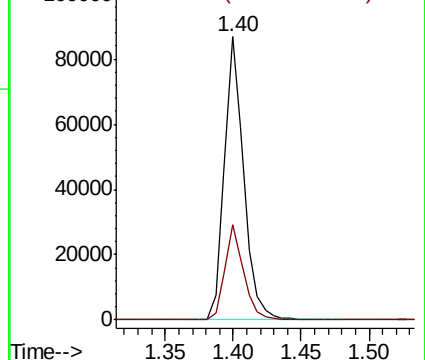
62 100

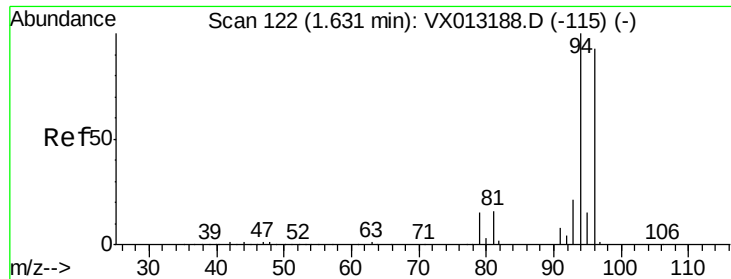
64 33.4 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.602 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

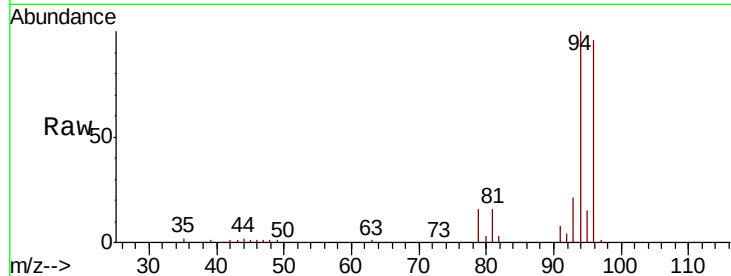
VSTDCCC050

Tot Ion: 94 Resp: 44476

Ion Ratio Lower Upper

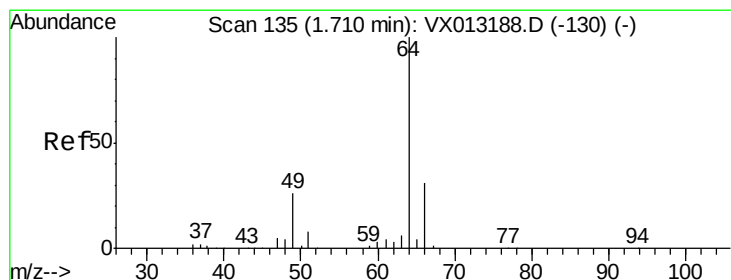
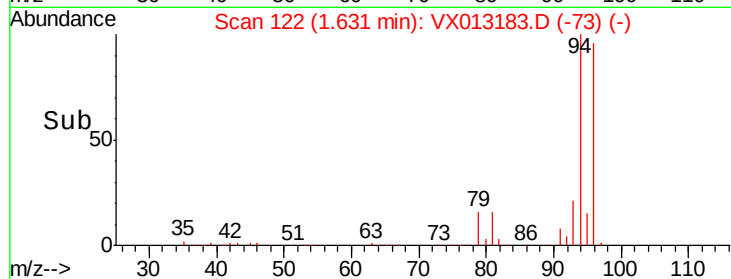
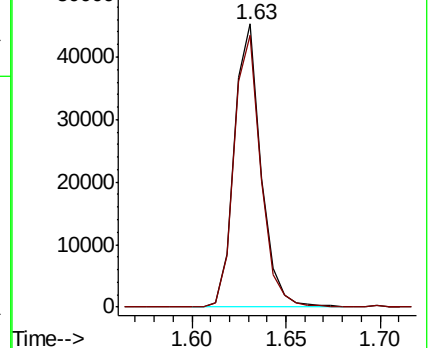
94 100

96 96.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.794 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013183.D

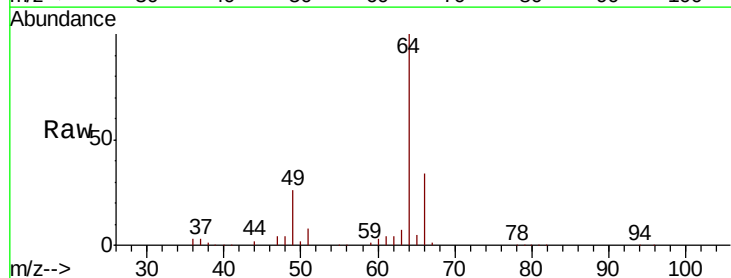
Acq: 23 Oct 2019 09:38

Tgt Ion: 64 Resp: 53623

Ion Ratio Lower Upper

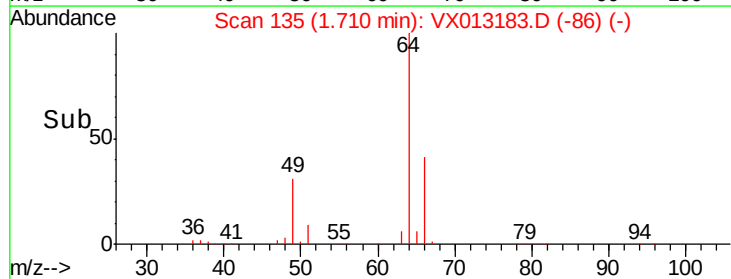
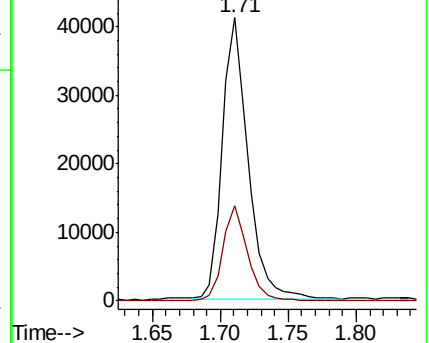
64 100

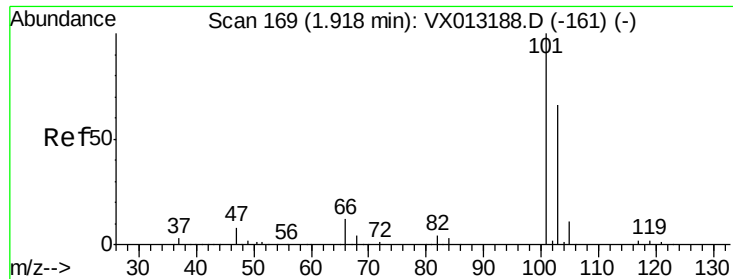
66 33.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



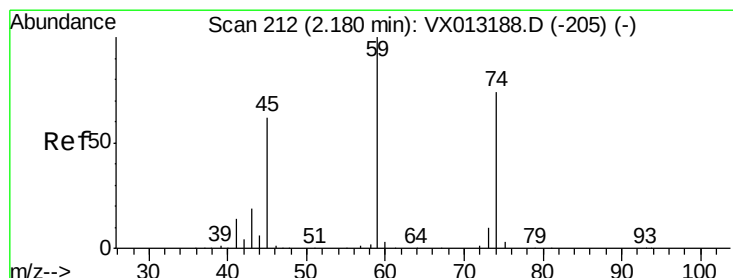
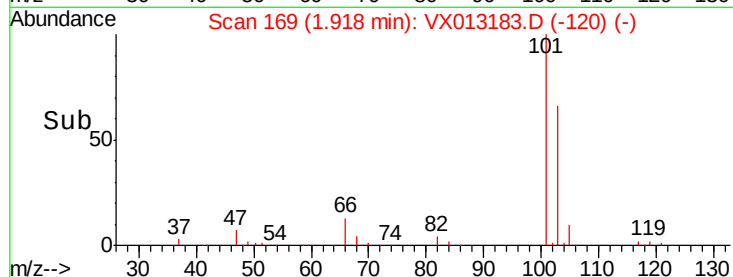
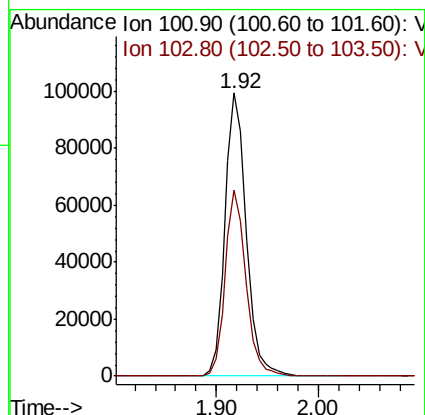
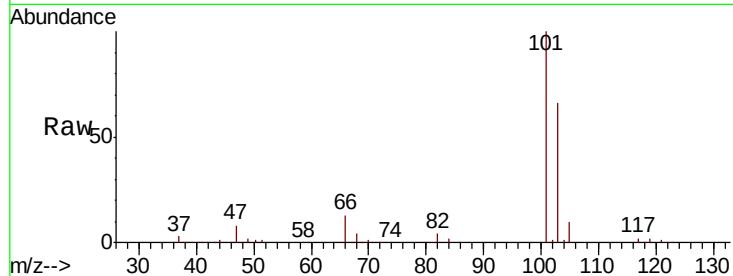


#7

Trichlorofluoromethane
 Concen: 52.847 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

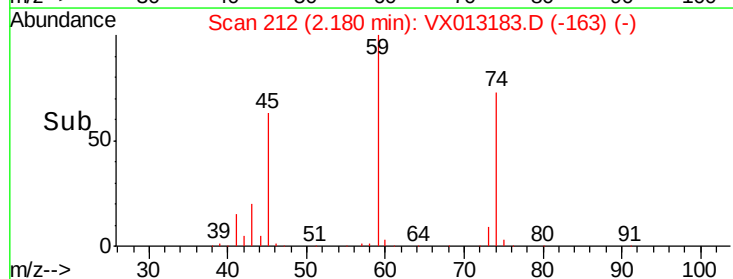
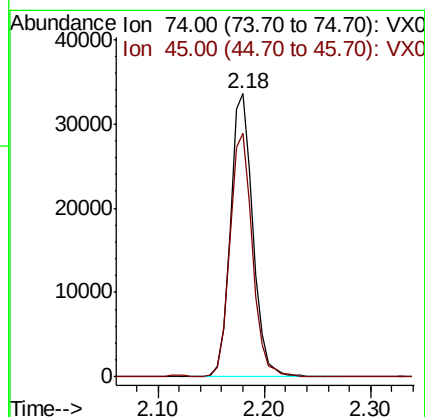
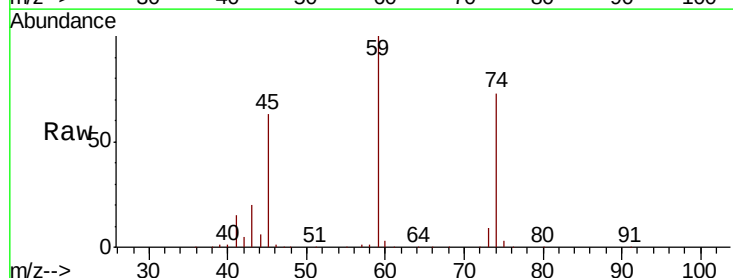
Tot Ion:101 Resp: 144025
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.0 79.6

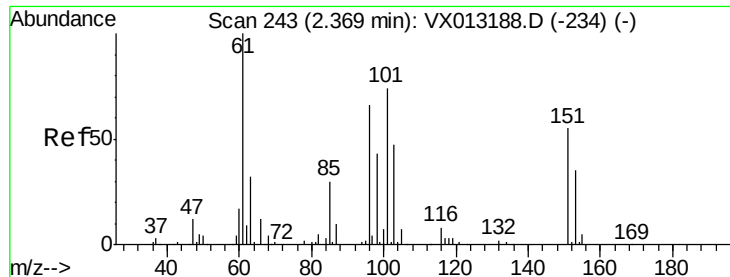


#8

Diethyl Ether
 Concen: 52.935 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 74 Resp: 49462
 Ion Ratio Lower Upper
 74 100
 45 86.7 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.176 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

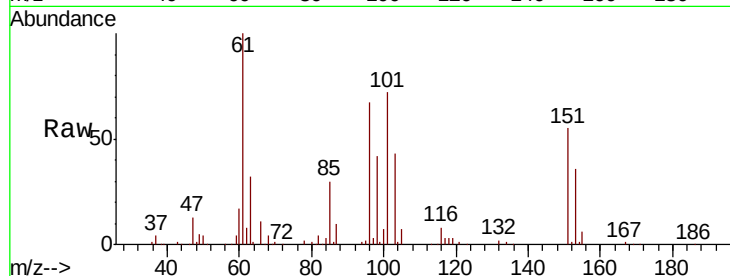
Tot Ion:101 Resp: 88034

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

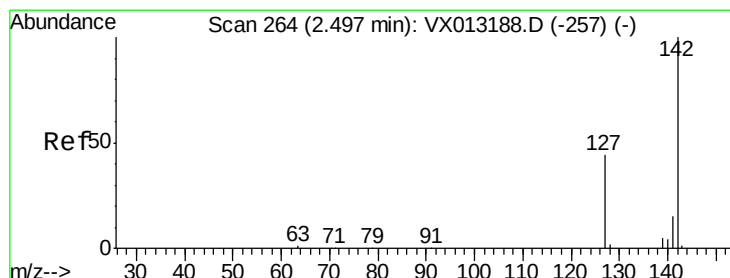
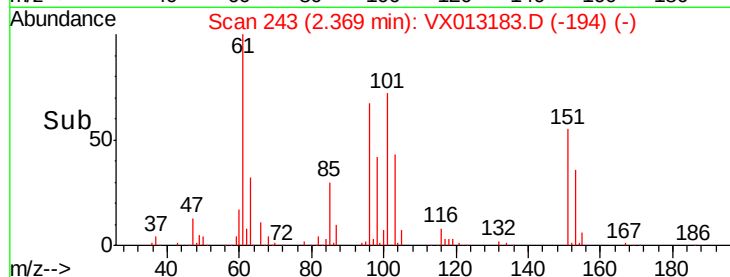
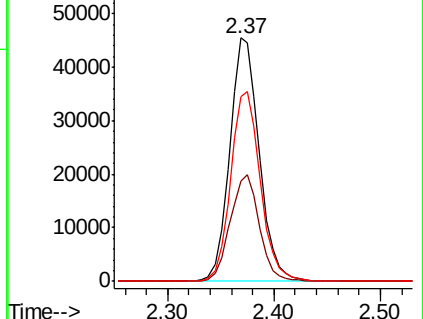
151 78.6 62.0 93.0



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: 49.865 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

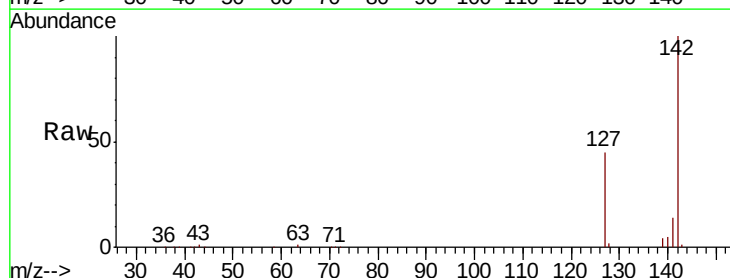
Tgt Ion:142 Resp: 105976

Ion Ratio Lower Upper

142 100

127 43.8 35.6 53.4

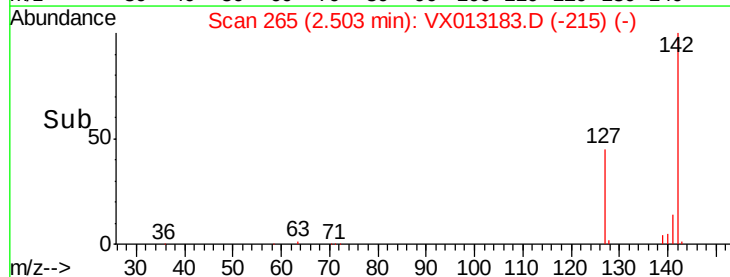
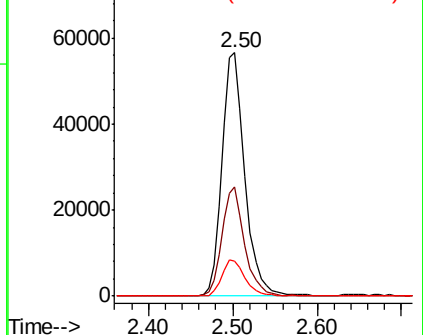
141 14.9 11.6 17.4

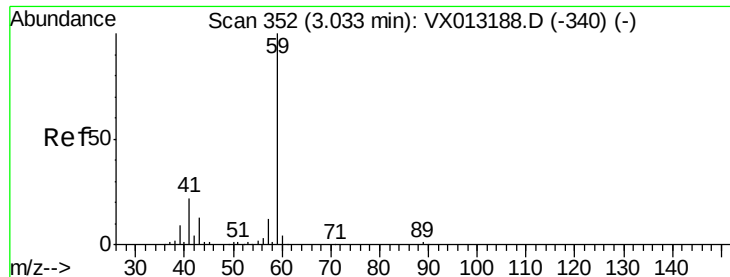


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



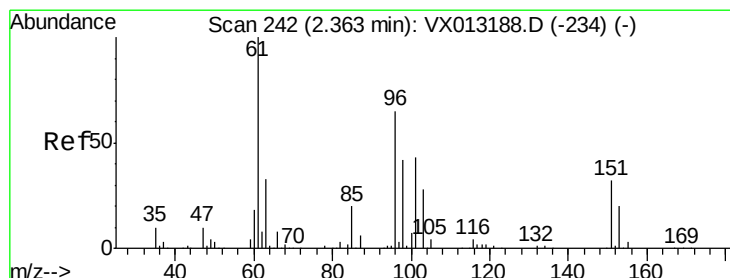
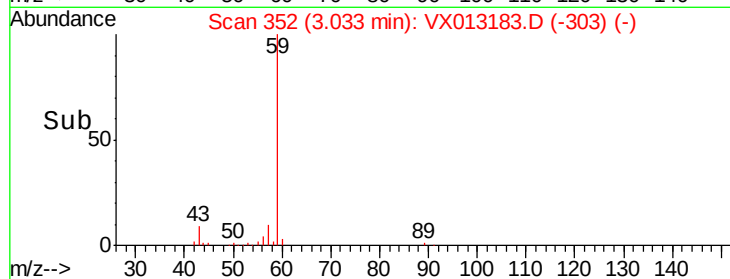
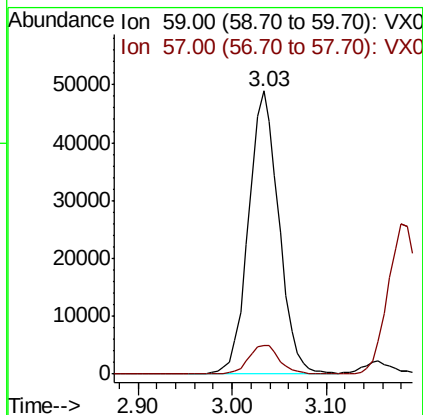
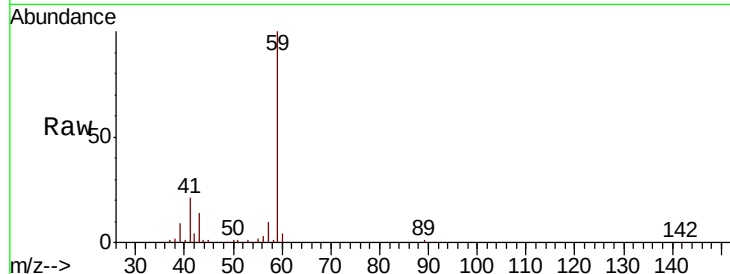


#11

Tert butyl alcohol
 Concen: 257.366 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

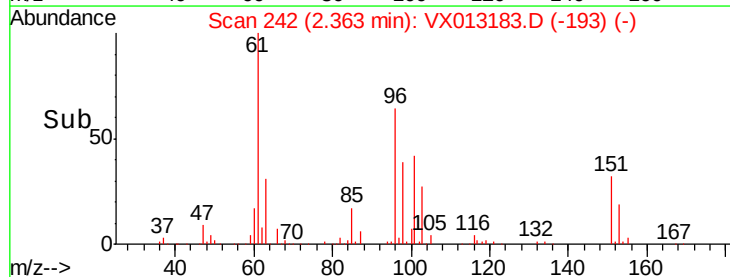
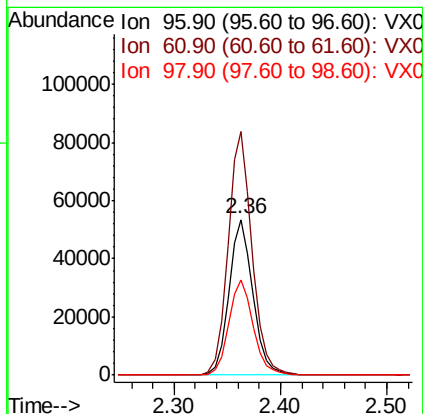
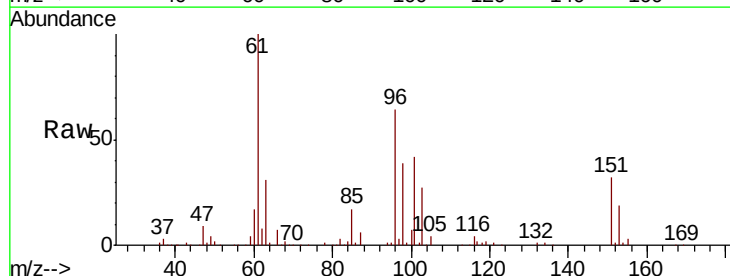
Tot Ion: 59 Resp: 111016
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

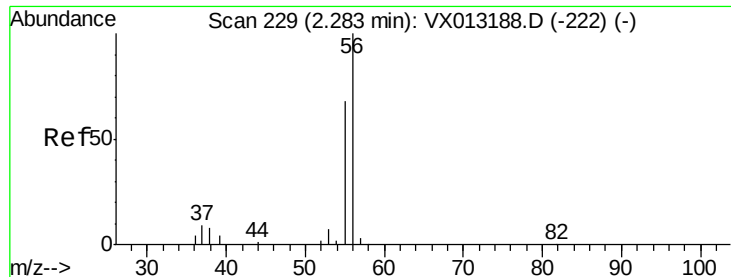


#12

1,1-Dichloroethene
 Concen: 52.030 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 96 Resp: 84269
 Ion Ratio Lower Upper
 96 100
 61 156.7 123.8 185.8
 98 61.5 51.6 77.4





#13

Acrolein

Concen: 265.986 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

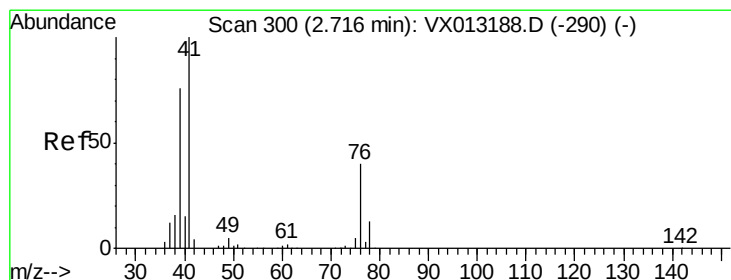
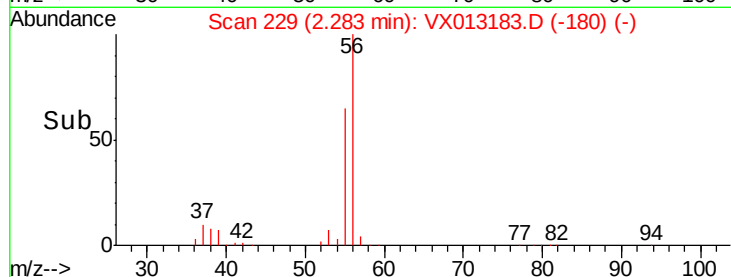
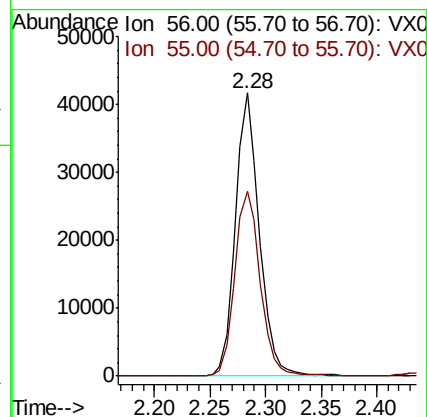
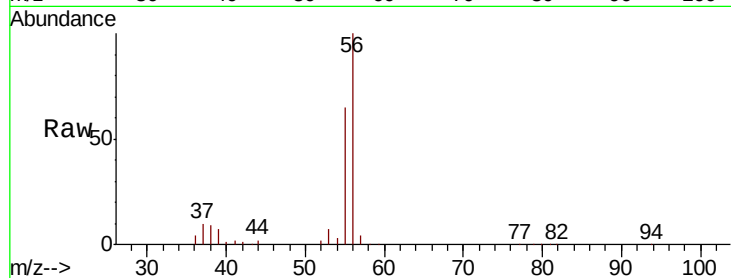
VSTDCCC050

Tot Ion: 56 Resp: 62058

Ion Ratio Lower Upper

56 100

55 69.8 58.9 88.3



#14

Allyl chloride

Concen: 51.777 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

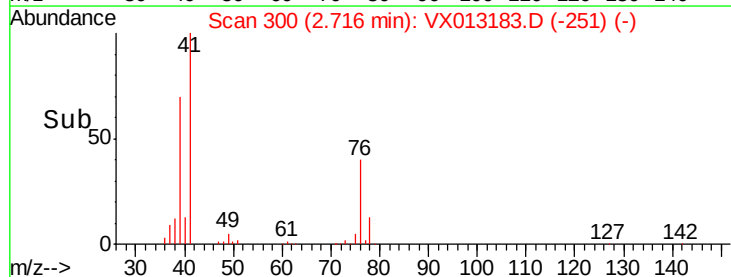
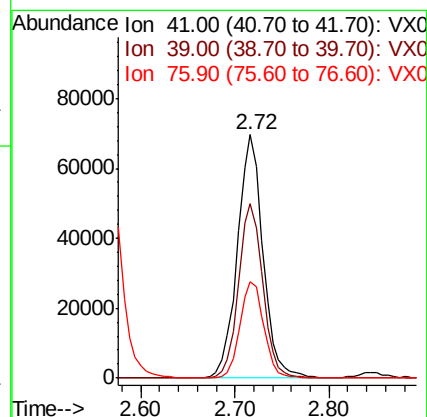
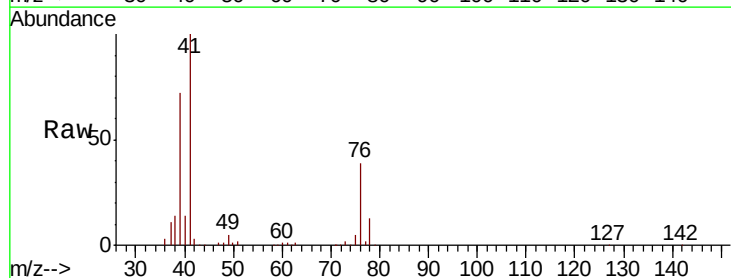
Tgt Ion: 41 Resp: 132023

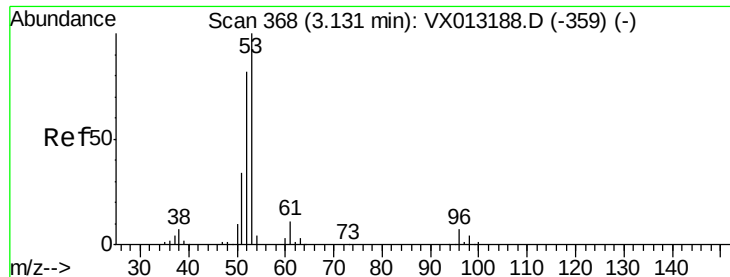
Ion Ratio Lower Upper

41 100

39 68.0 54.6 81.8

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 246.856 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

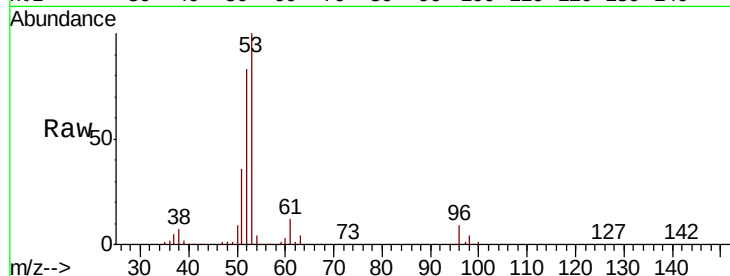
Tot Ion: 53 Resp: 216375

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

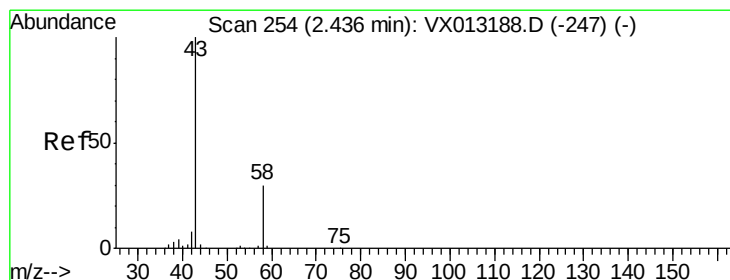
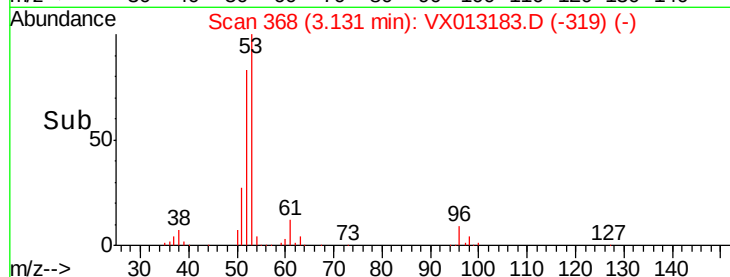
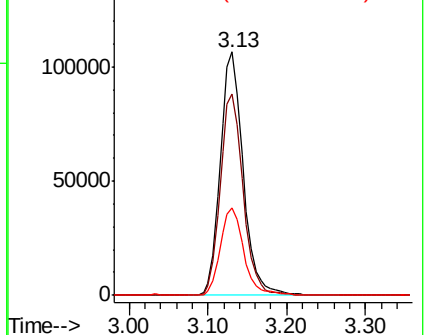
51 36.8 29.4 44.2



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: 277.684 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013183.D

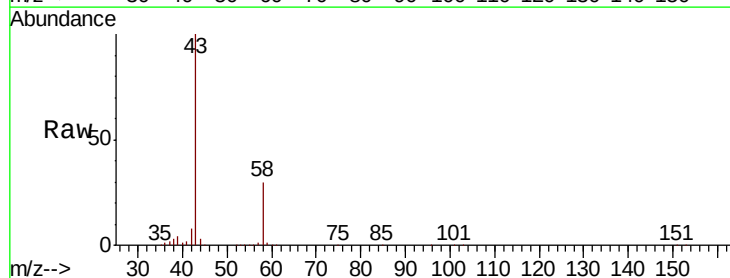
Acq: 23 Oct 2019 09:38

Tgt Ion: 43 Resp: 260152

Ion Ratio Lower Upper

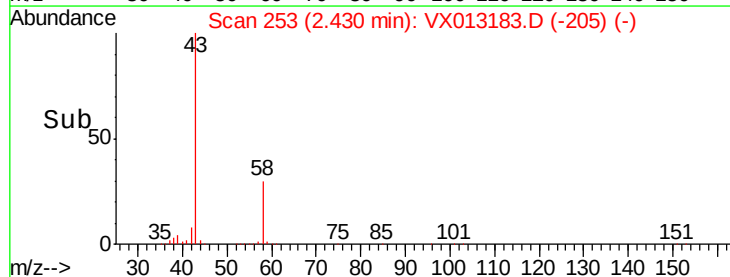
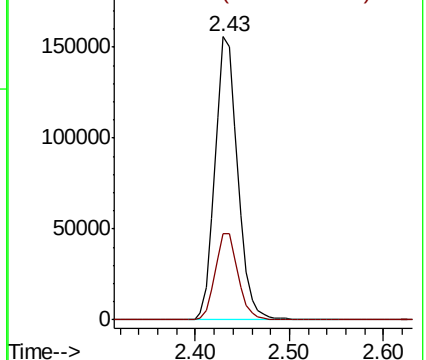
43 100

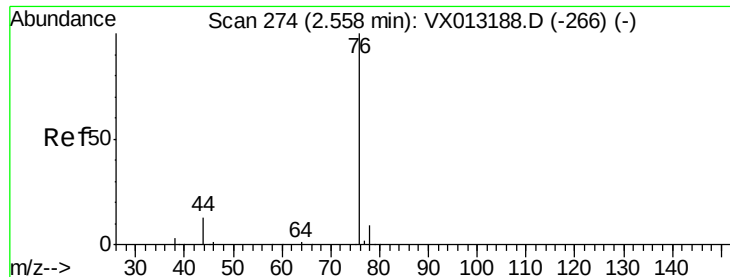
58 30.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.229 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

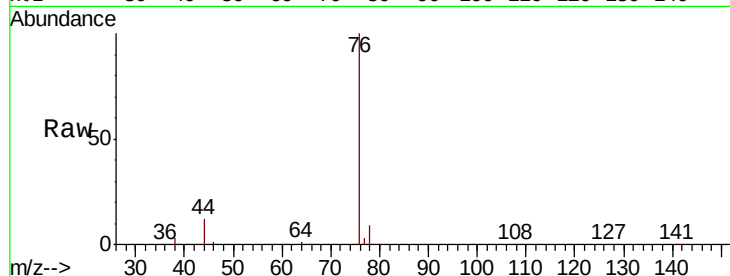
VSTDCCC050

Tot Ion: 76 Resp: 223070

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

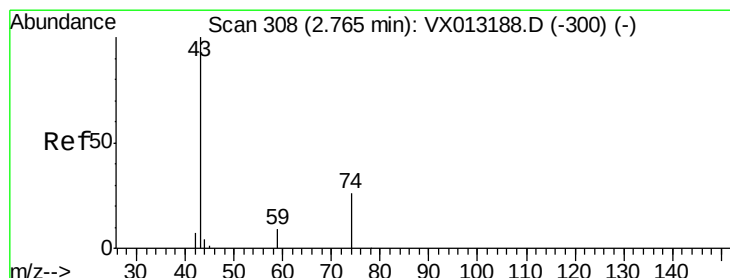
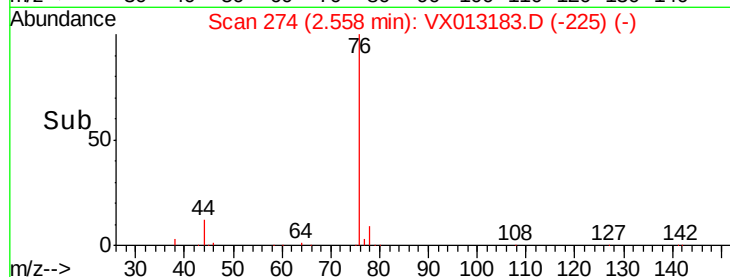
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.739 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013183.D

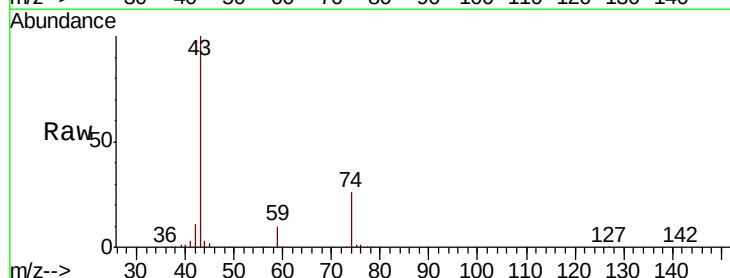
Acq: 23 Oct 2019 09:38

Tgt Ion: 43 Resp: 103827

Ion Ratio Lower Upper

43 100

74 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

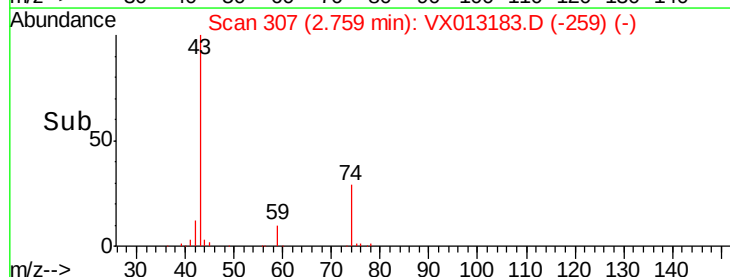
60000

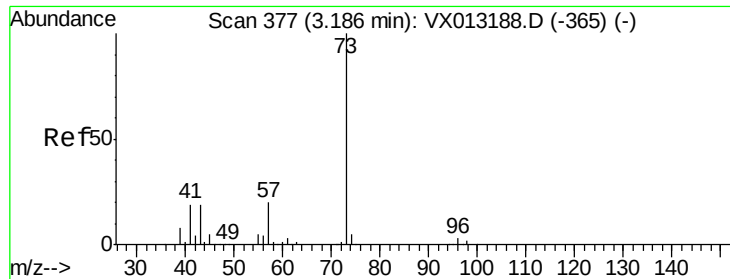
40000

20000

0

Time-->



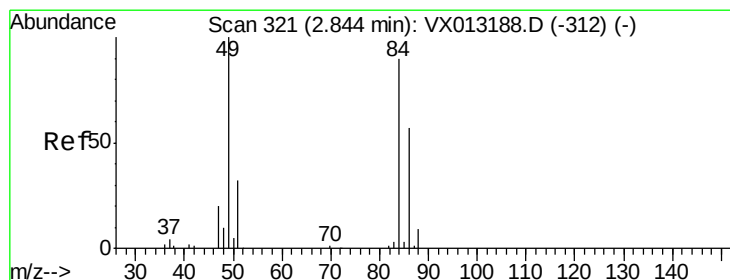
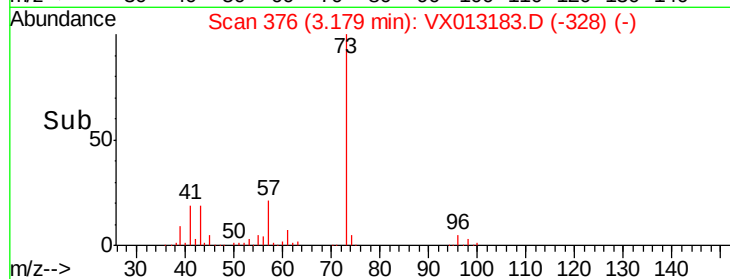
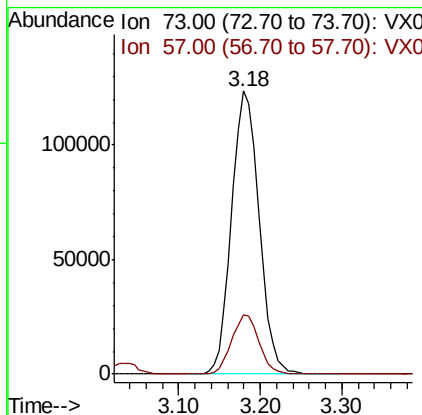
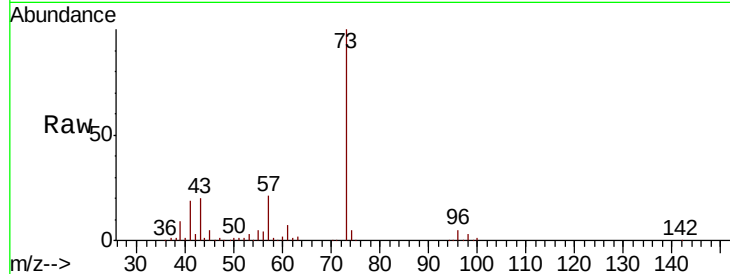


#19

Methyl tert-butyl Ether
 Concen: 50.317 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

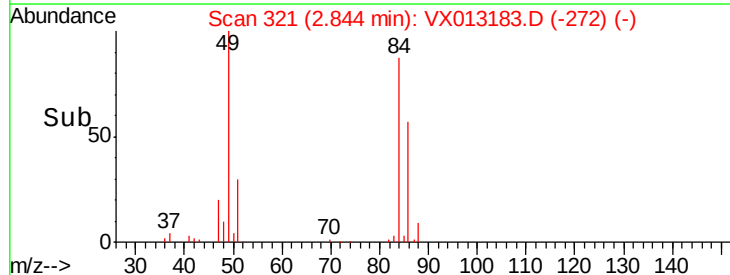
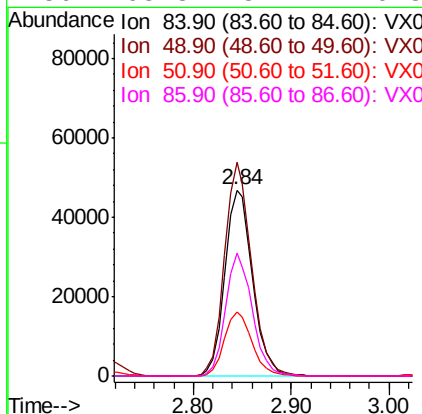
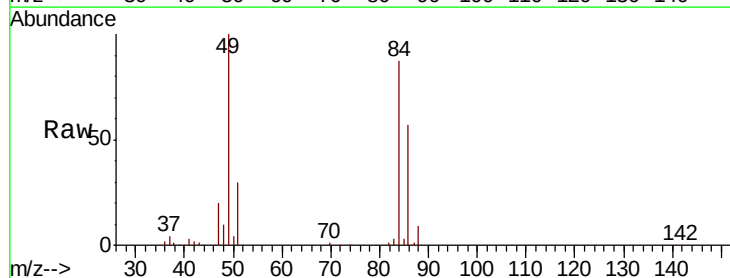
Tot Ion: 73 Resp: 286983
 Ion Ratio Lower Upper
 73 100
 57 21.0 15.8 23.8

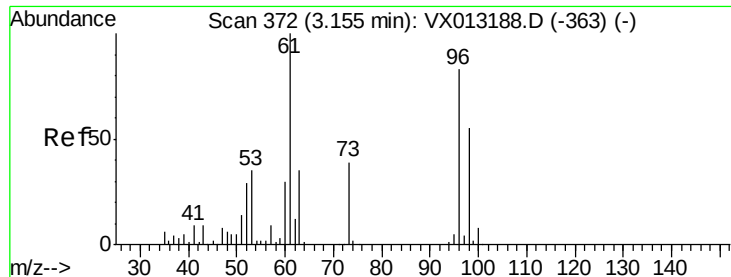


#20

Methylene Chloride
 Concen: 52.378 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 84 Resp: 91789
 Ion Ratio Lower Upper
 84 100
 49 114.8 89.2 133.8
 51 34.5 28.8 43.2
 86 65.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.515 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

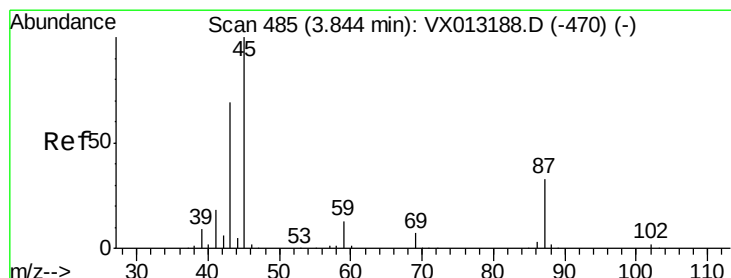
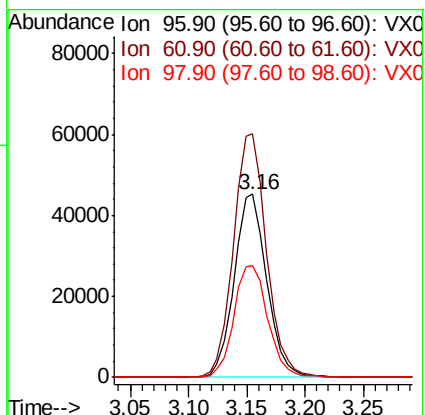
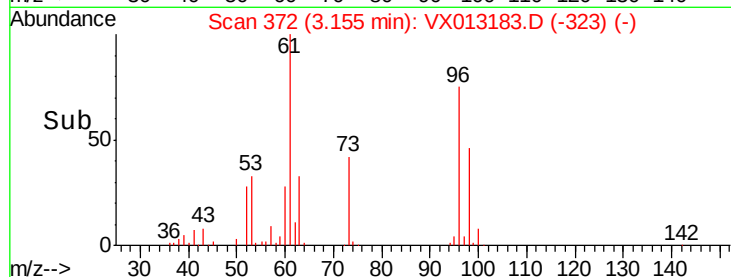
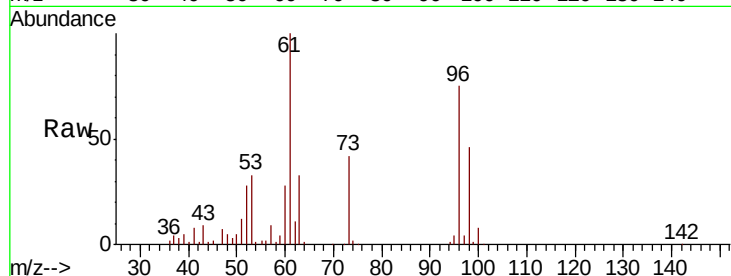
Tot Ion: 96 Resp: 88538

Ion Ratio Lower Upper

96 100

61 133.0 96.9 145.3

98 60.9 53.0 79.4



#22

Diisopropyl ether

Concen: 50.862 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Tgt Ion: 45 Resp: 253579

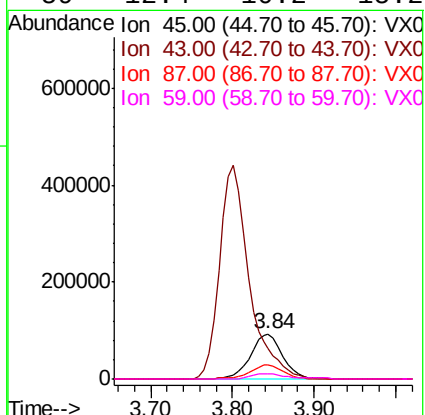
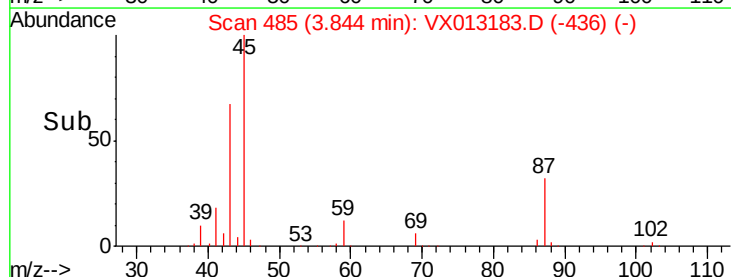
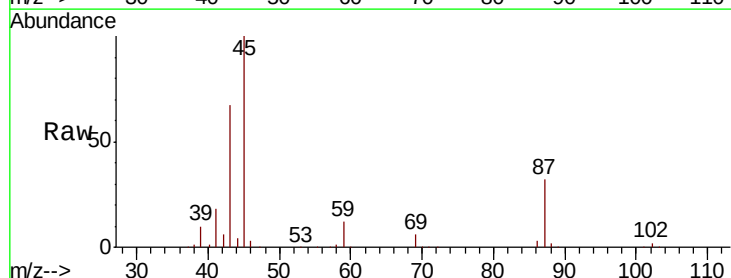
Ion Ratio Lower Upper

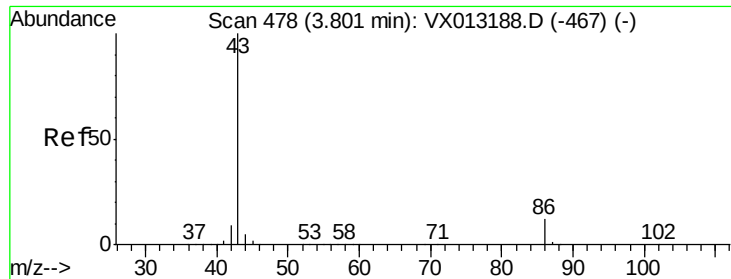
45 100

43 67.0 55.5 83.3

87 31.8 26.7 40.1

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 264.525 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

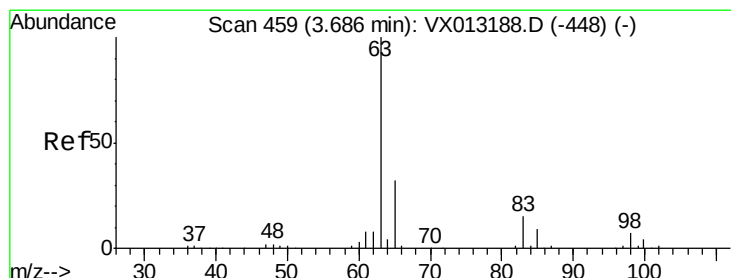
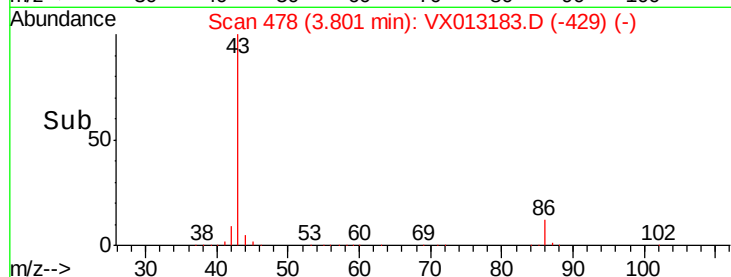
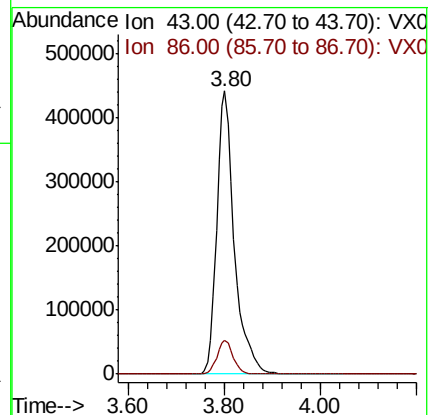
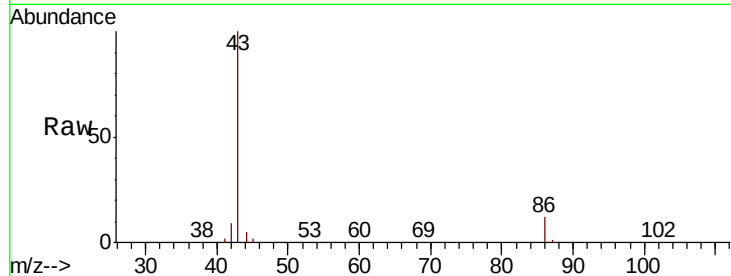
VSTDCCC050

Tot Ion: 43 Resp: 1120948

Ion Ratio Lower Upper

43 100

86 12.1 9.7 14.5



#24

1,1-Dichloroethane

Concen: 50.492 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

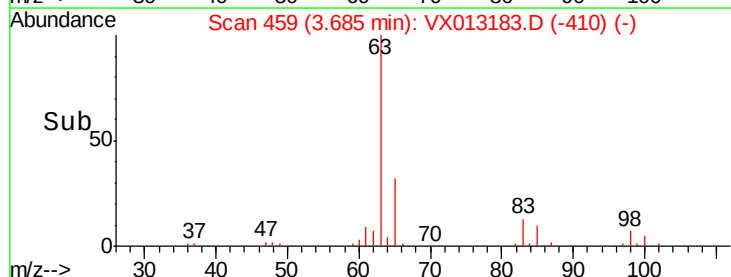
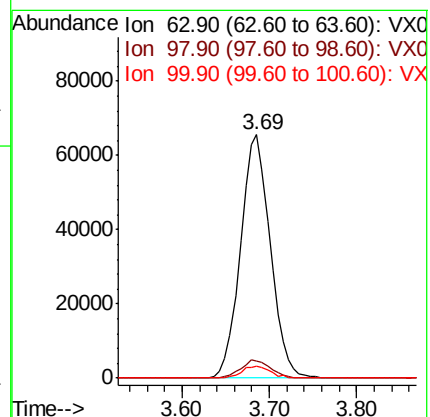
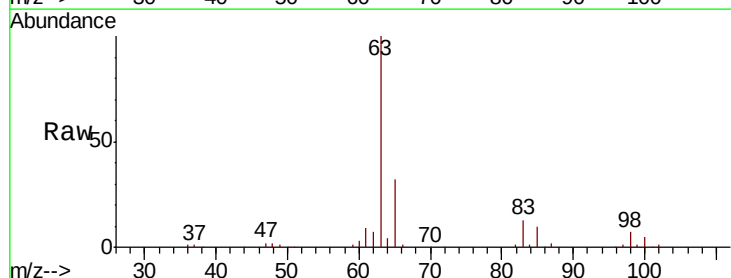
Tgt Ion: 63 Resp: 154839

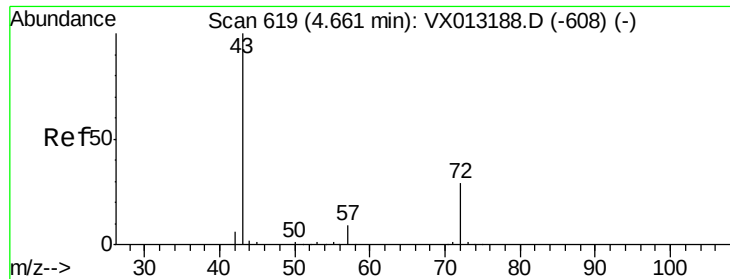
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 255.743 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampled :

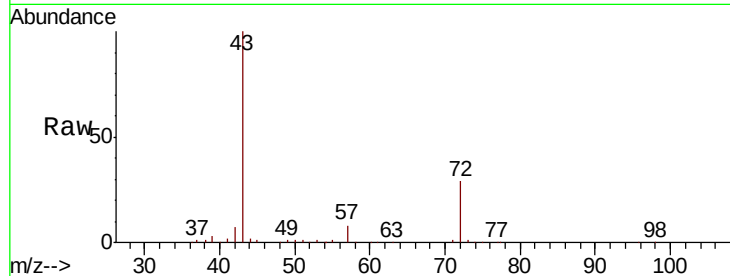
VSTDCCC050

Tot Ion: 43 Resp: 321323

Ion Ratio Lower Upper

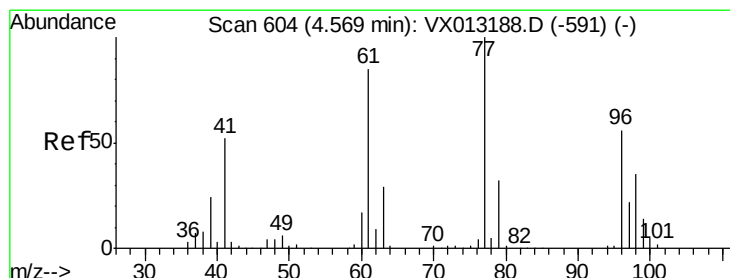
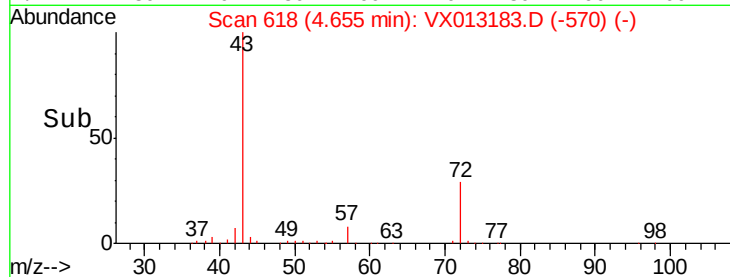
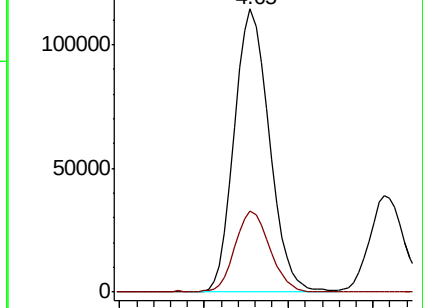
43 100

72 28.6 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.137 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013183.D

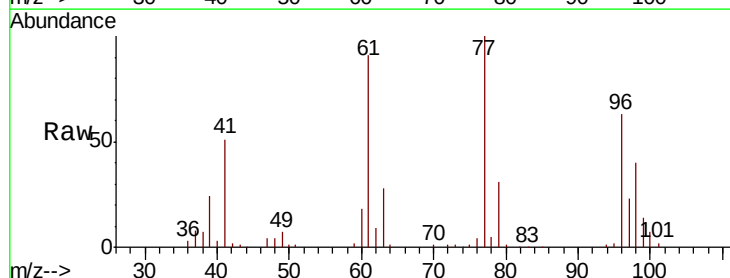
Acq: 23 Oct 2019 09:38

Tgt Ion: 77 Resp: 147764

Ion Ratio Lower Upper

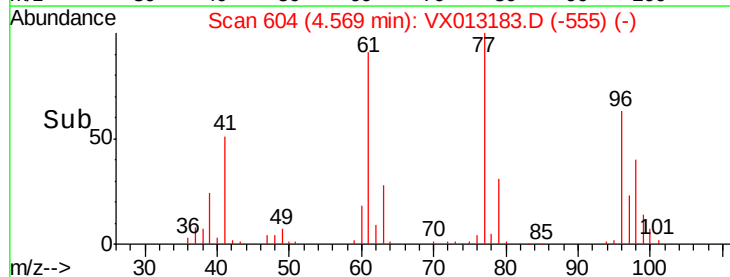
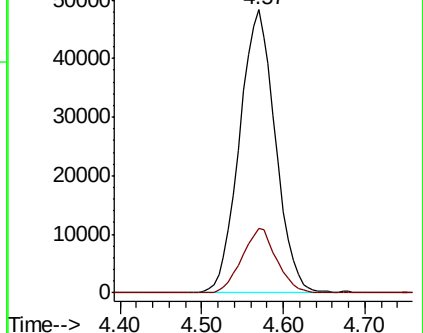
77 100

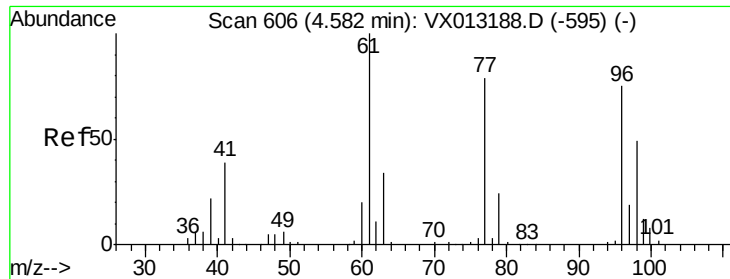
97 22.0 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



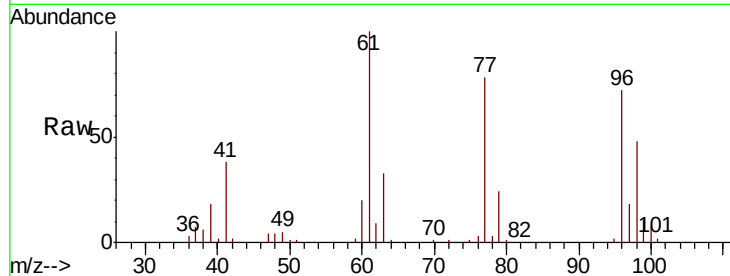


#27

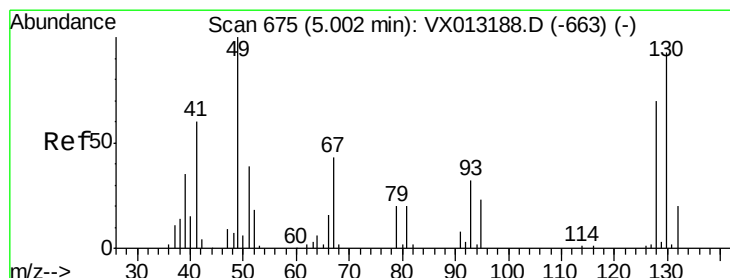
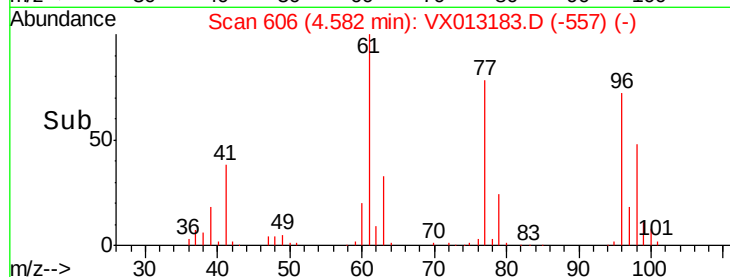
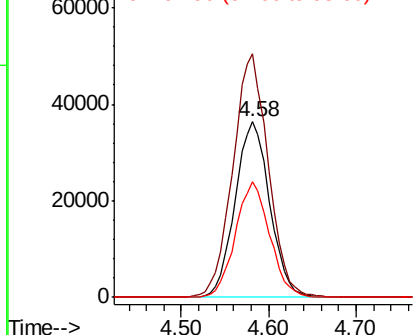
cis-1,2-Dichloroethene
Concen: 50.545 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 100258
Ion Ratio Lower Upper
96 100
61 142.2 0.0 290.4
98 65.2 0.0 130.4



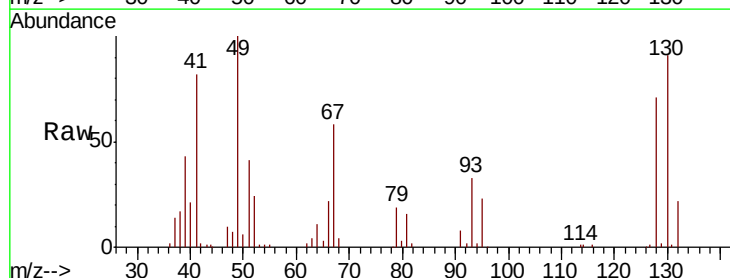
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



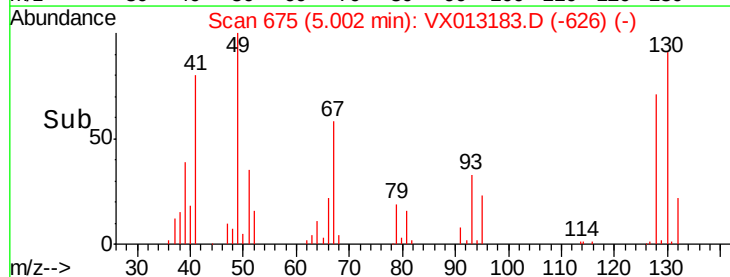
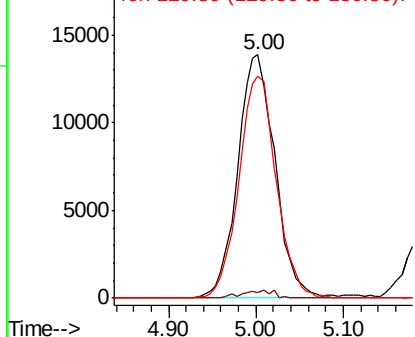
#28

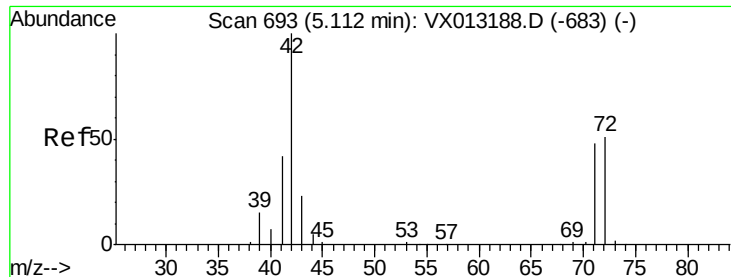
Bromochloromethane
Concen: 52.007 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 49 Resp: 41124
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.8
130 91.1 71.8 107.8



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: 243.569 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

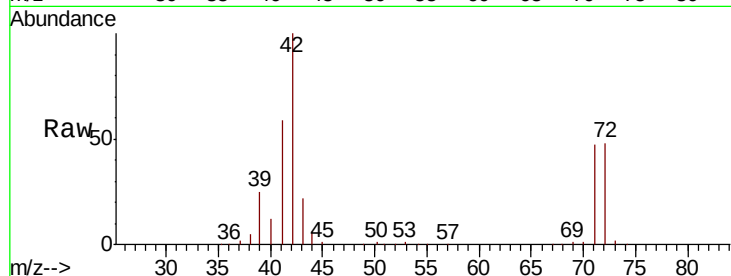
Tot Ion: 42 Resp: 184462

Ion Ratio Lower Upper

42 100

72 49.7 40.9 61.3

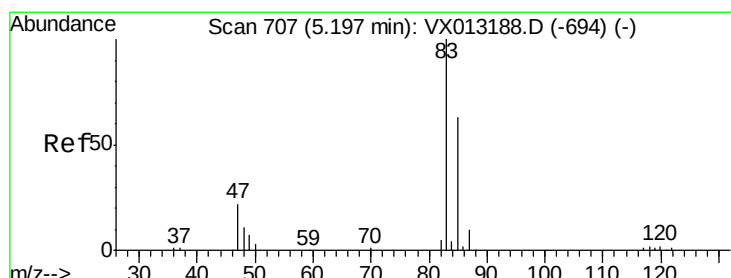
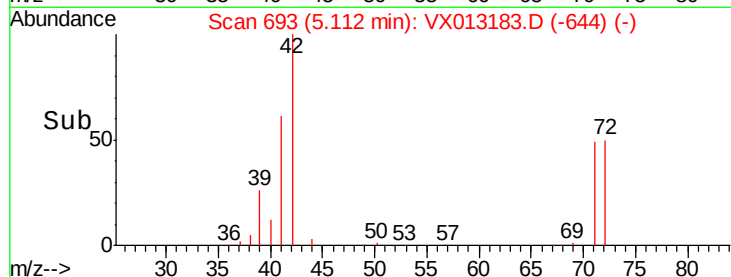
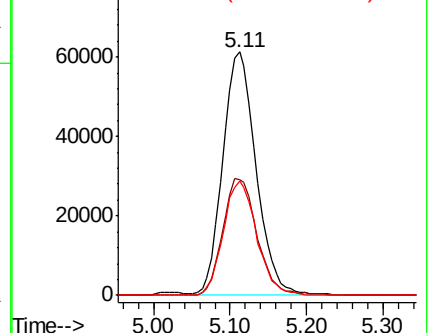
71 47.1 38.6 57.8



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: 50.257 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013183.D

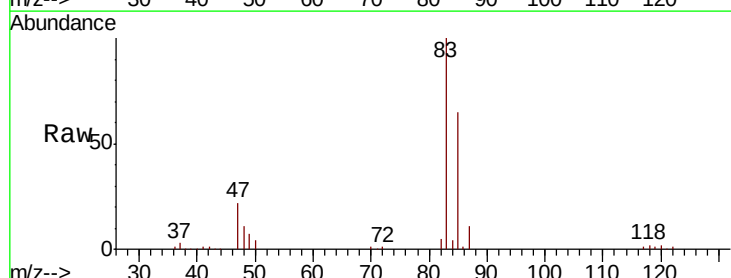
Acq: 23 Oct 2019 09:38

Tgt Ion: 83 Resp: 164091

Ion Ratio Lower Upper

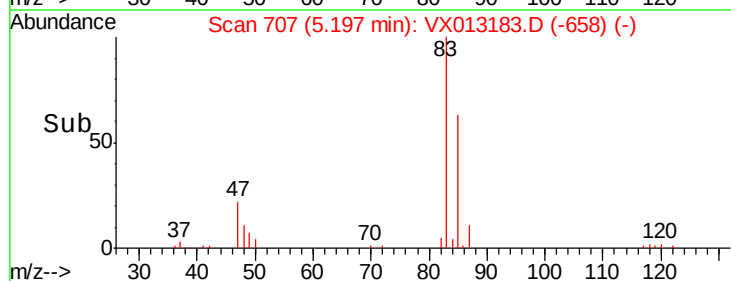
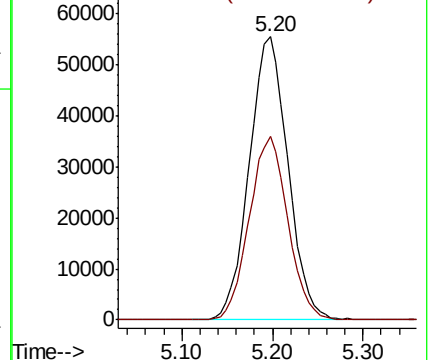
83 100

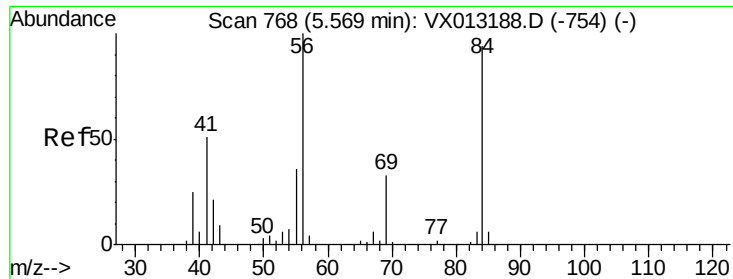
85 64.7 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

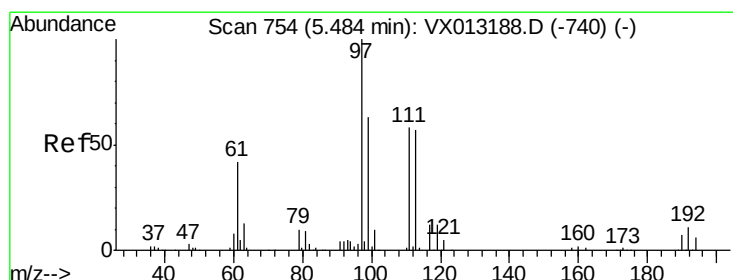
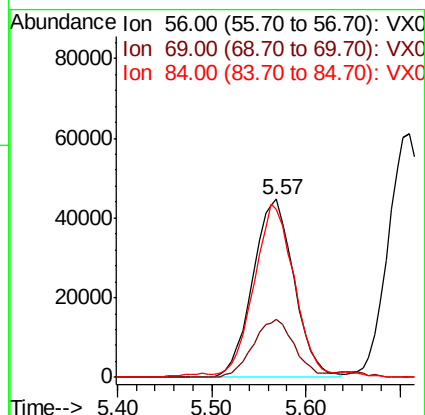
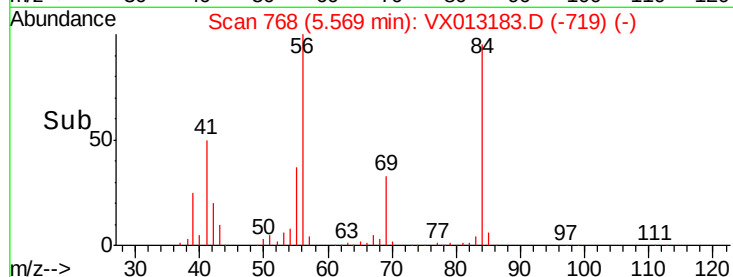
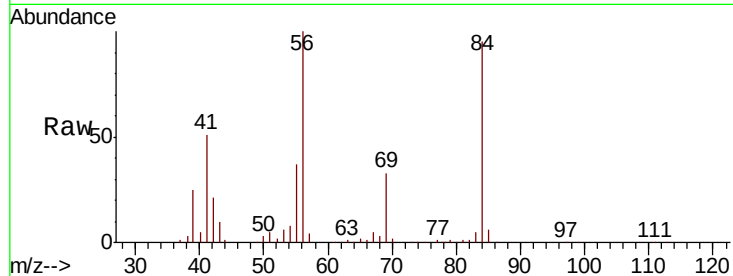




#31
Cyclohexane
Concen: 53.275 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

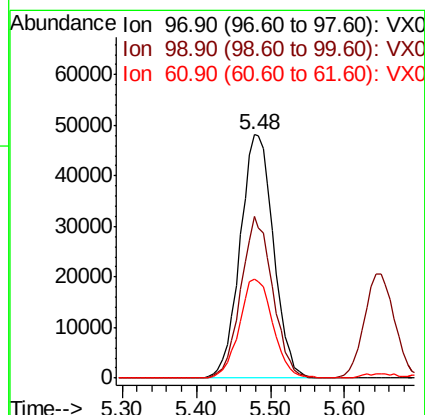
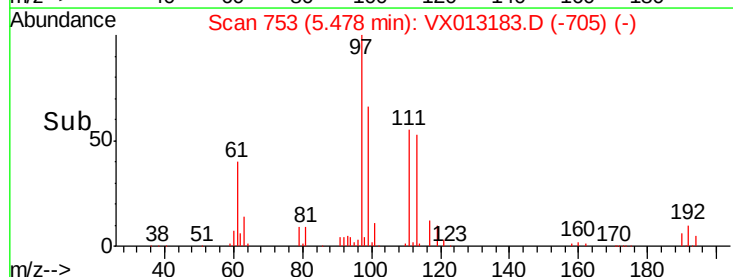
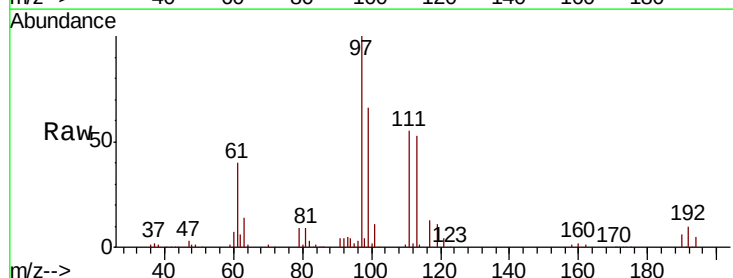
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

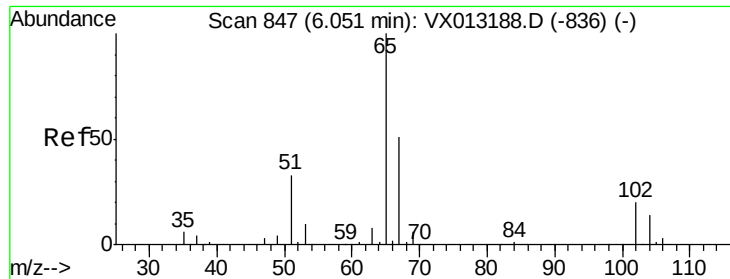
Tot Ion: 56 Resp: 137009
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 93.0 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 52.092 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 97 Resp: 151226
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.1 32.8 49.2

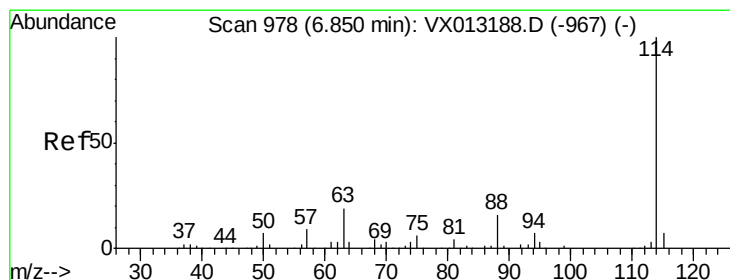
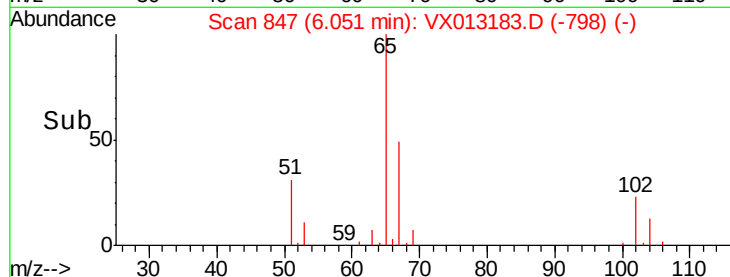
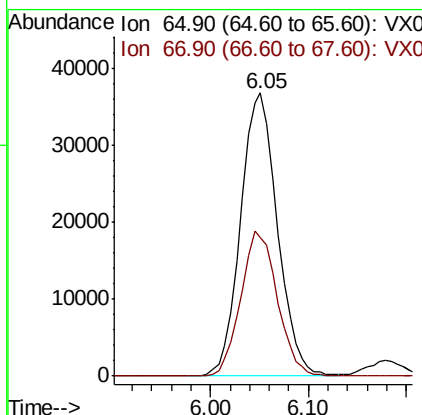
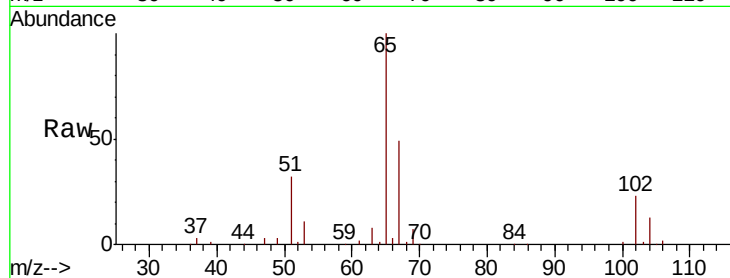




#33
 1,2-Dichloroethane-d4
 Concen: 48.413 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

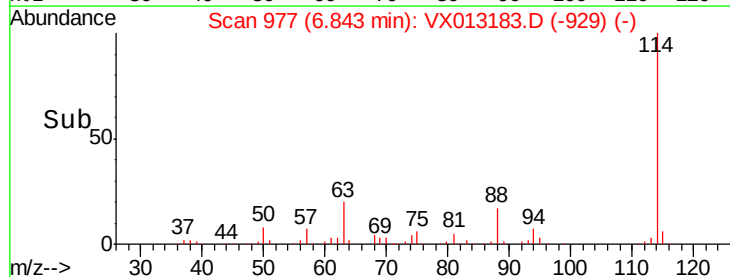
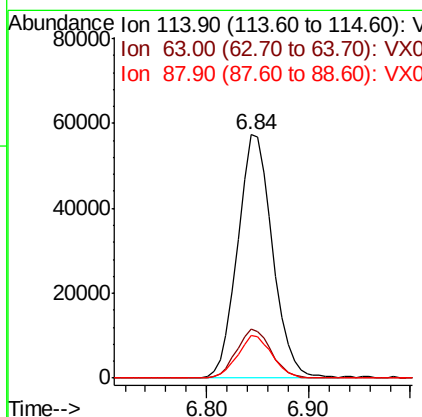
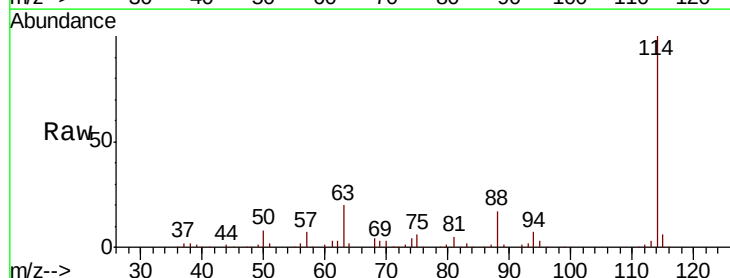
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

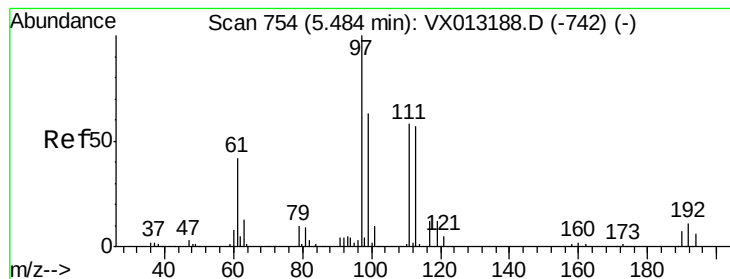
Tot Ion: 65 Resp: 96274
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 114 Resp: 136283
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 17.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.693 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

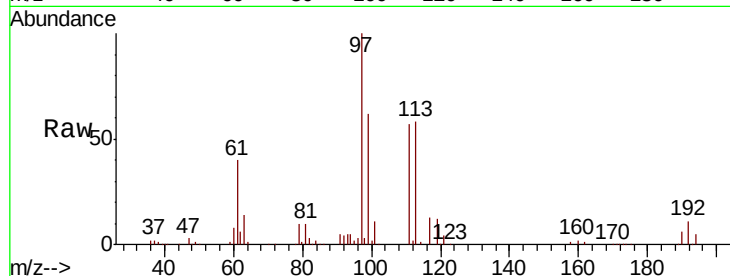
Tot Ion:113 Resp: 77040

Ion Ratio Lower Upper

113 100

111 102.9 80.3 120.5

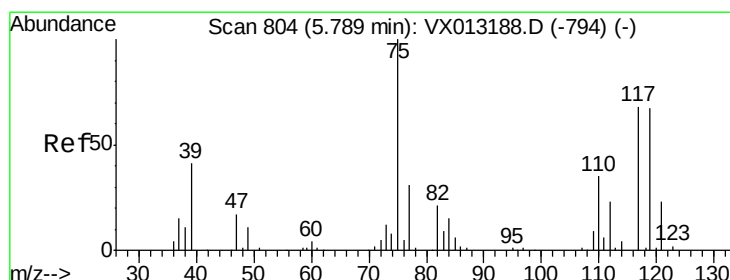
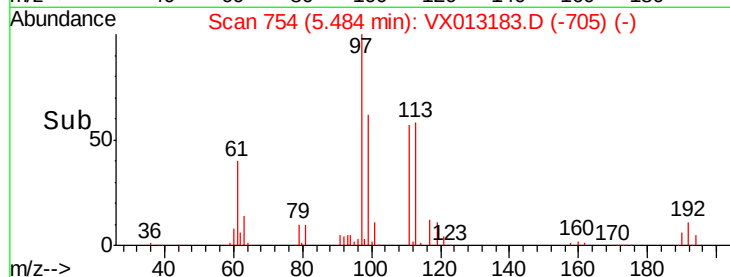
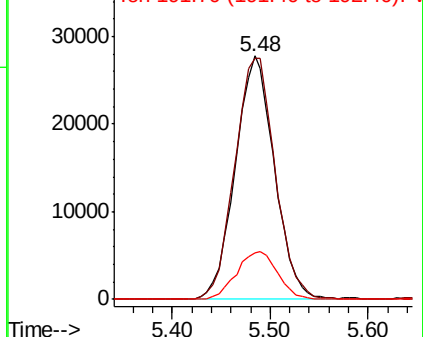
192 20.6 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.162 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

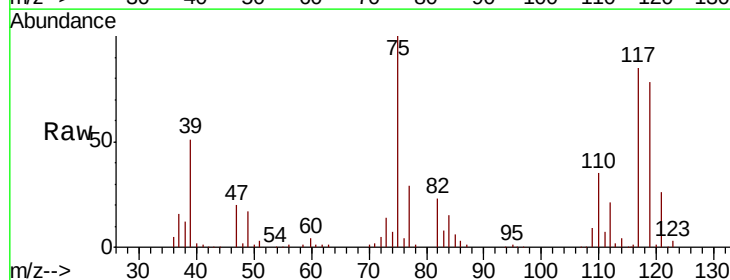
Tgt Ion: 75 Resp: 123543

Ion Ratio Lower Upper

75 100

110 36.4 17.6 52.9

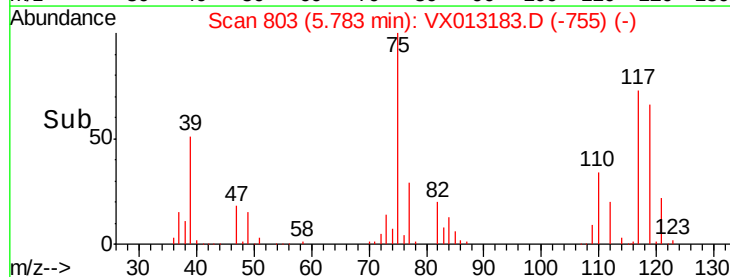
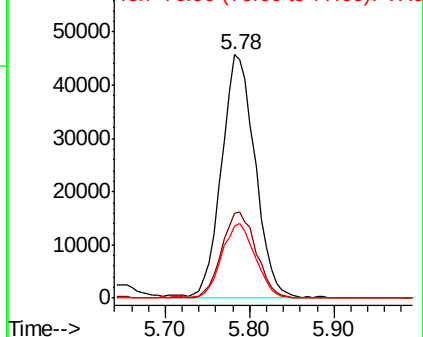
77 30.8 24.7 37.1

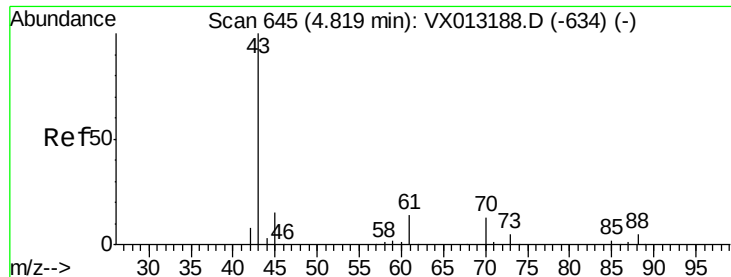


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

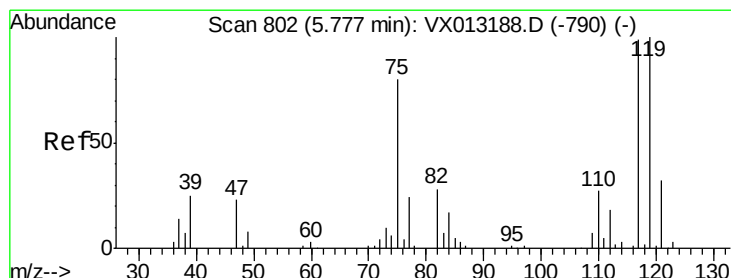
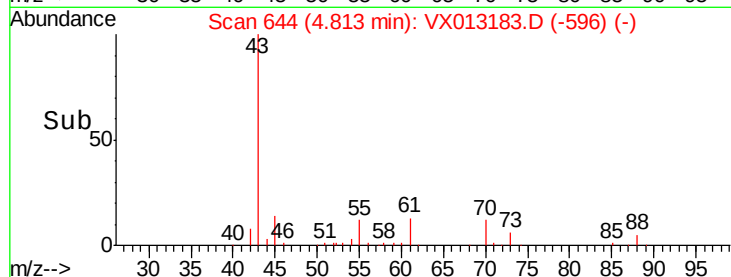
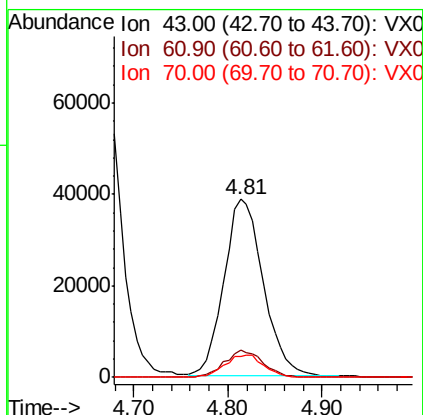
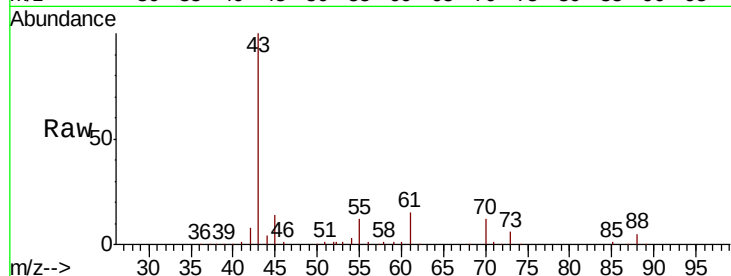




#37
Ethyl Acetate
Concen: 49.625 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

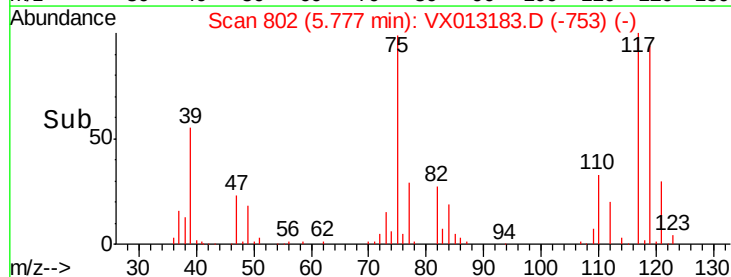
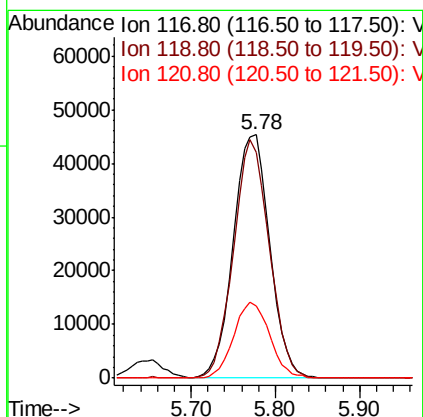
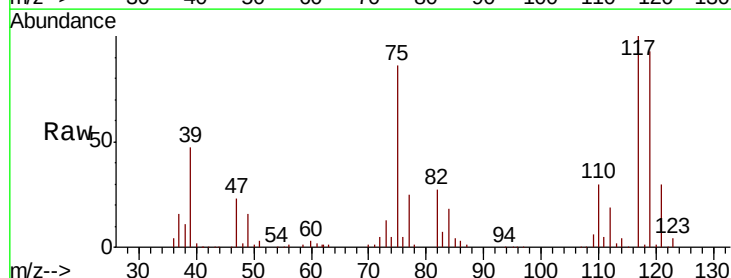
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

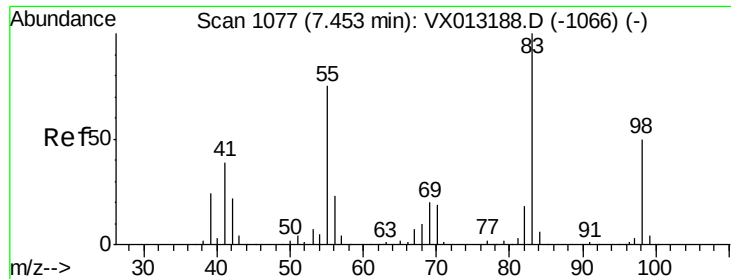
Tot Ion: 43 Resp: 112701
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 12.6 10.4 15.6



#38
Carbon Tetrachloride
Concen: 52.834 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 117 Resp: 133091
Ion Ratio Lower Upper
117 100
119 92.6 80.1 120.1
121 29.8 25.5 38.3

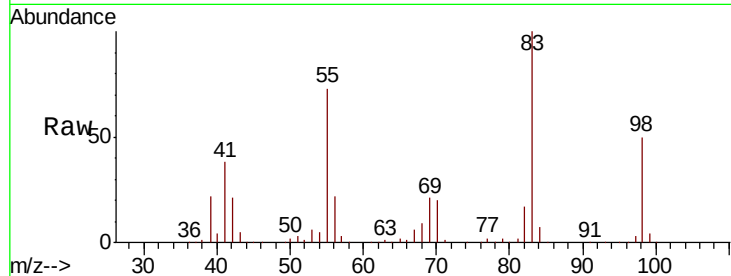




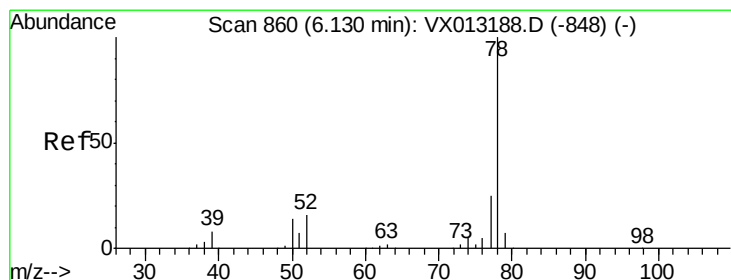
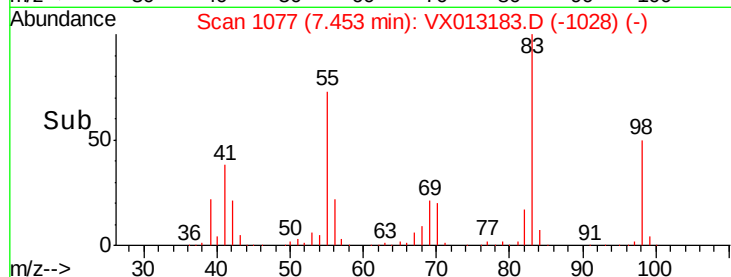
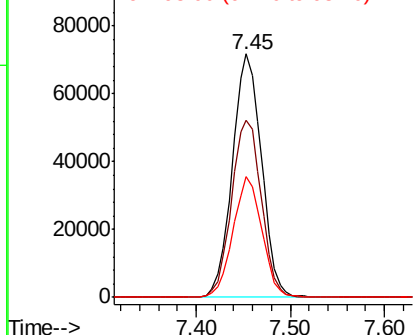
#39
Methylvlcyclohexane
Concen: 53.039 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 154744
Ion Ratio Lower Upper
83 100
55 72.7 60.1 90.1
98 49.8 39.8 59.8

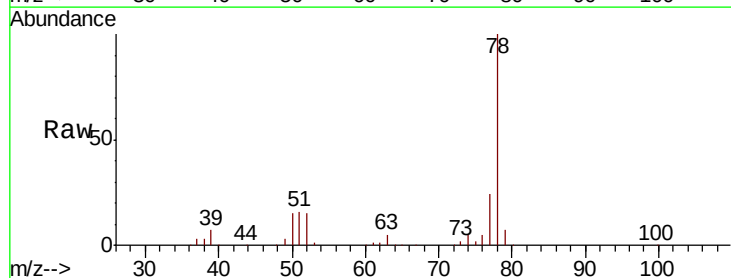


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

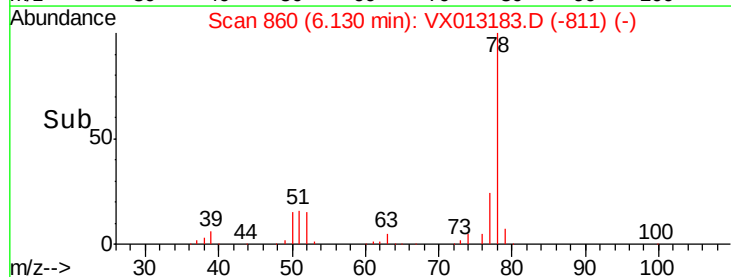
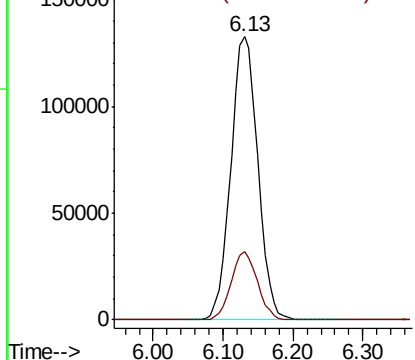


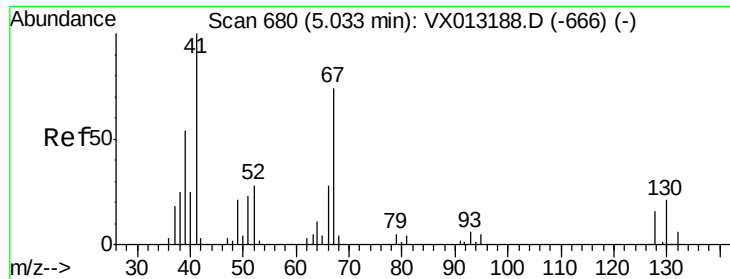
#40
Benzene
Concen: 51.964 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 78 Resp: 355709
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

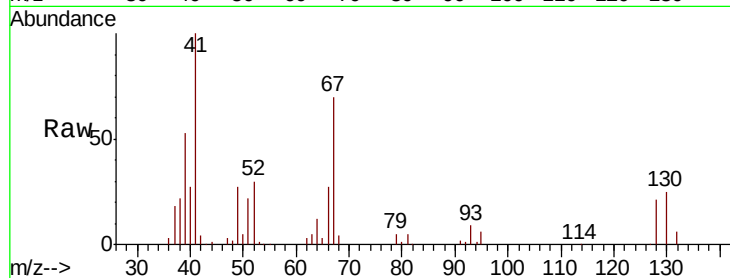




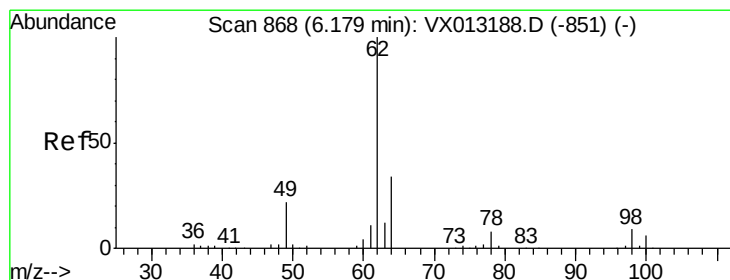
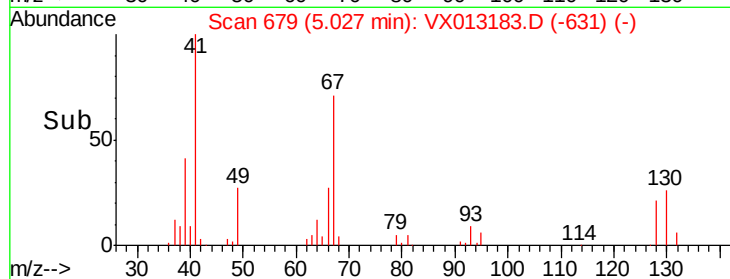
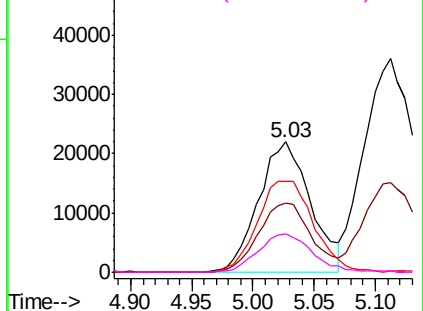
#41
Methacrylonitrile
Concen: 53.604 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	65267
Ion	Ratio	Lower	Upper
41	100		
39	53.8	45.2	67.8
67	75.8	61.3	91.9
52	30.7	25.1	37.7

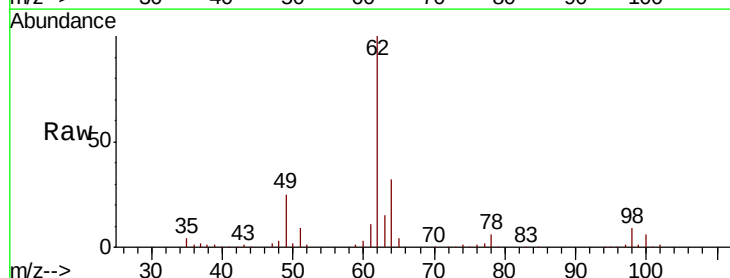


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

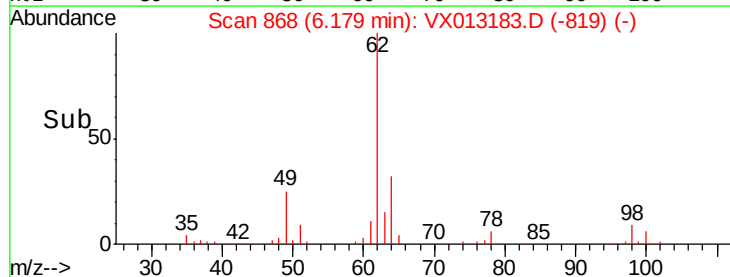
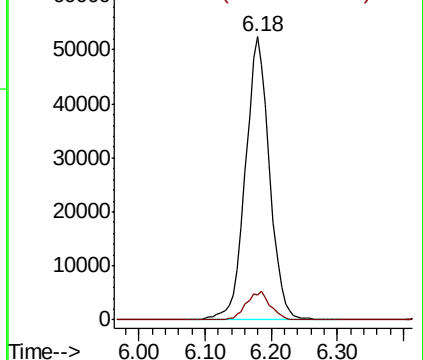


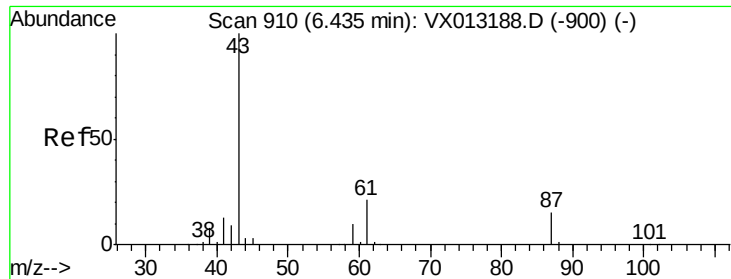
#42
1,2-Dichloroethane
Concen: 51.635 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion:	62	Resp:	133267
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.263 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

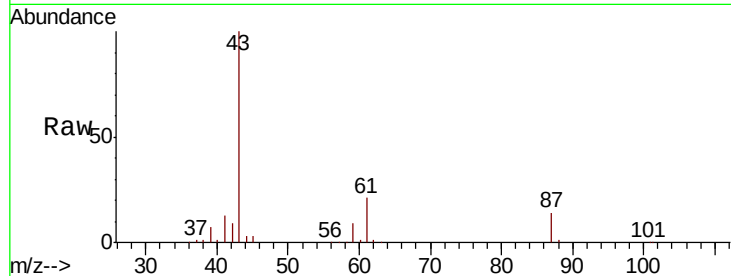
Tot Ion: 43 Resp: 197067

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

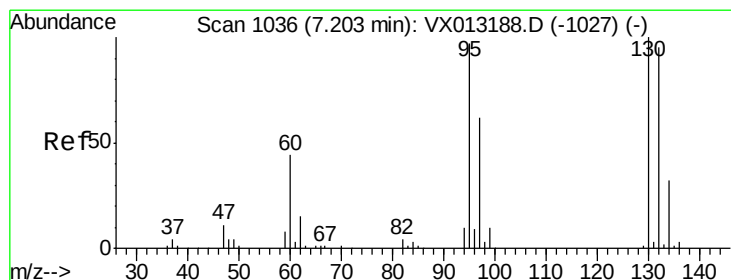
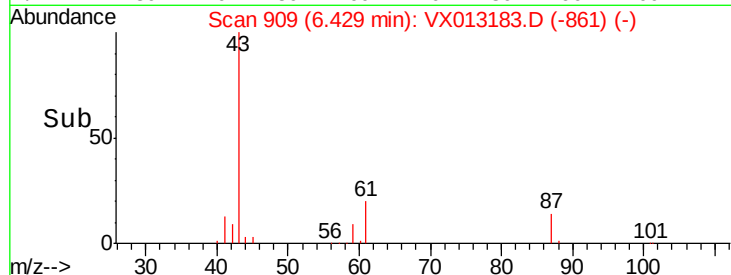
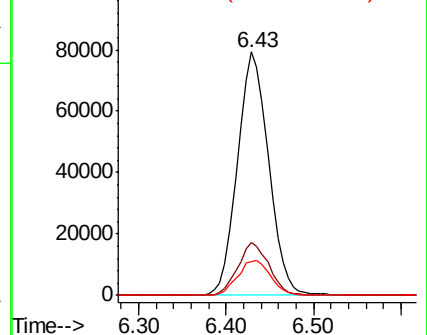
87 14.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.258 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013183.D

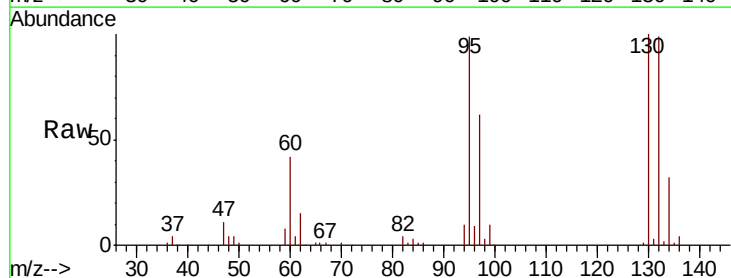
Acq: 23 Oct 2019 09:38

Tgt Ion:130 Resp: 99584

Ion Ratio Lower Upper

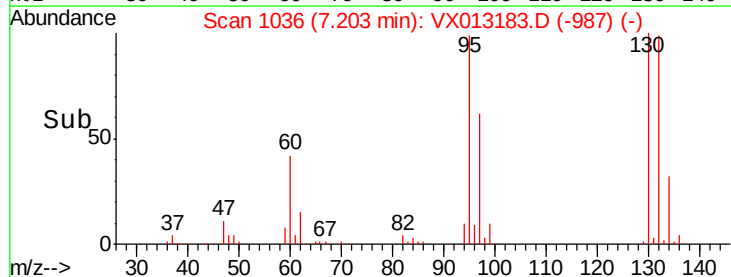
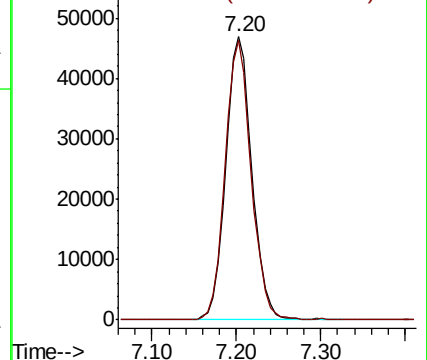
130 100

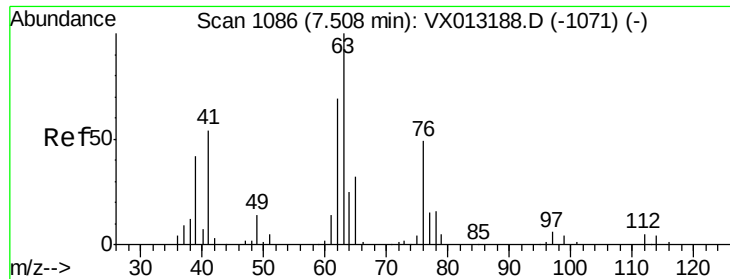
95 98.6 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

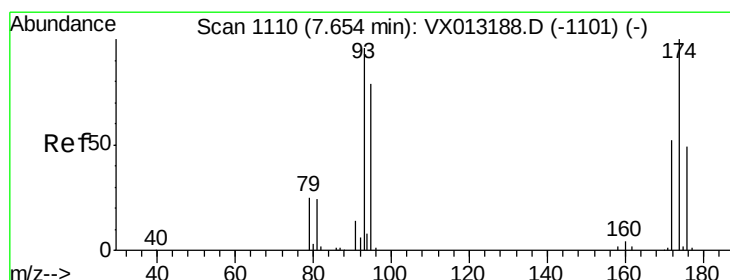
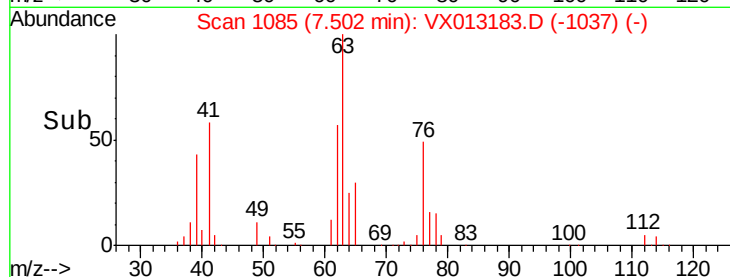
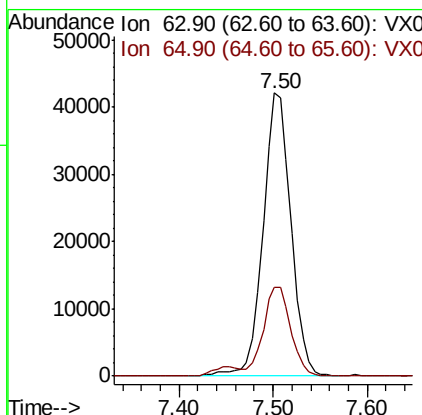
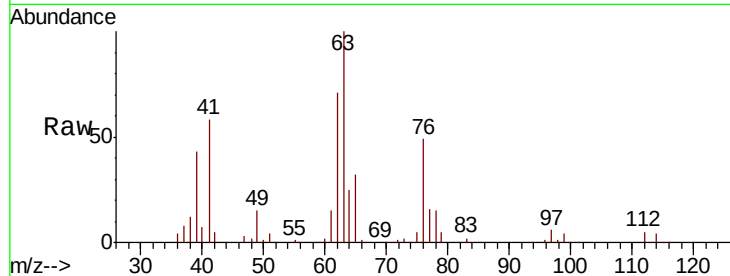




#45
 1,2-Dichloropropane
 Concen: 50.902 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

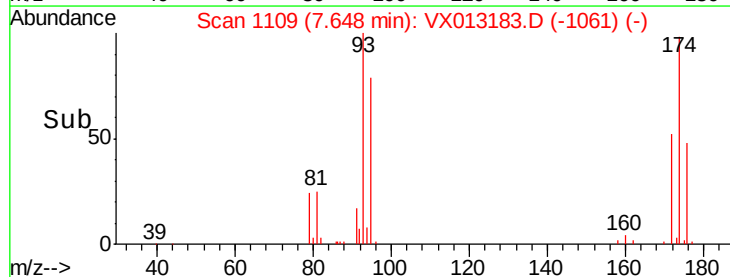
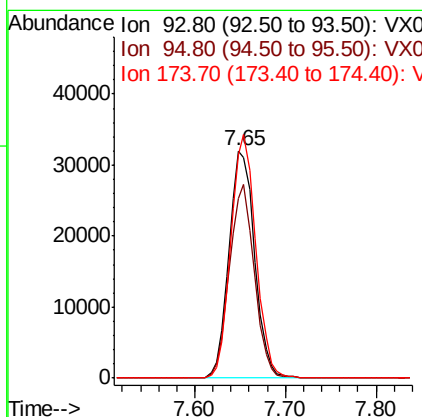
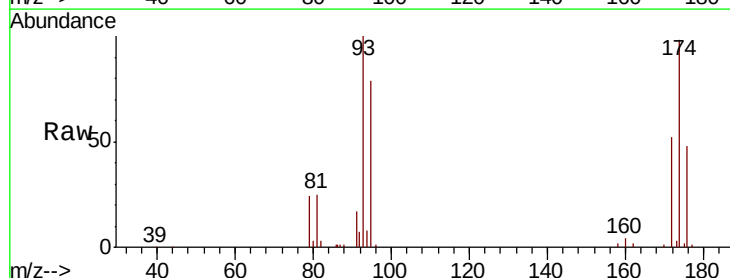
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

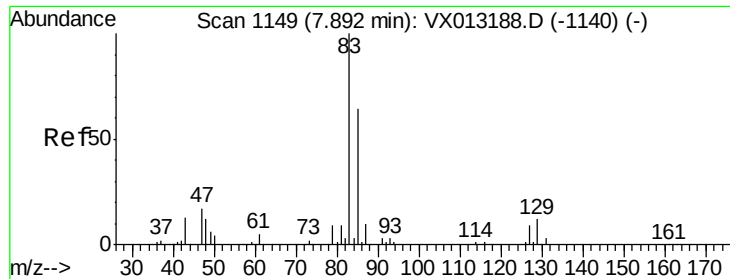
Tot Ion: 63 Resp: 87271
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



#46
 Dibromomethane
 Concen: 50.995 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 93 Resp: 62991
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 104.1 85.2 127.8

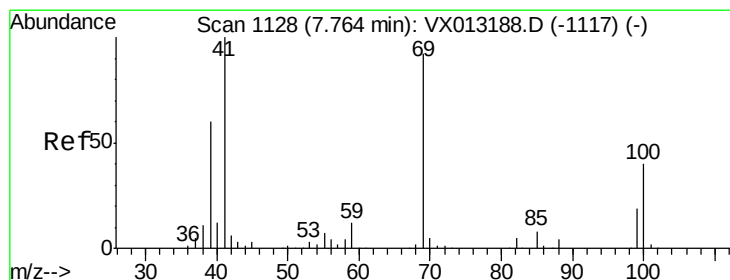
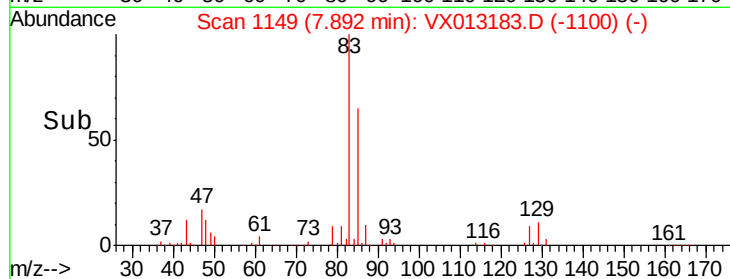
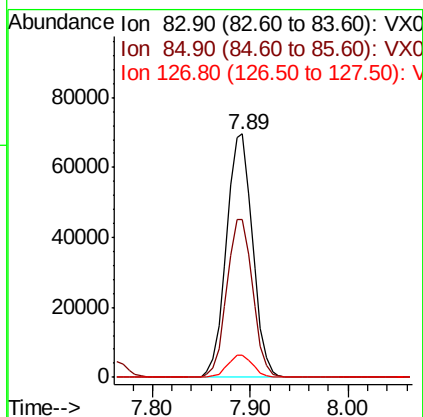
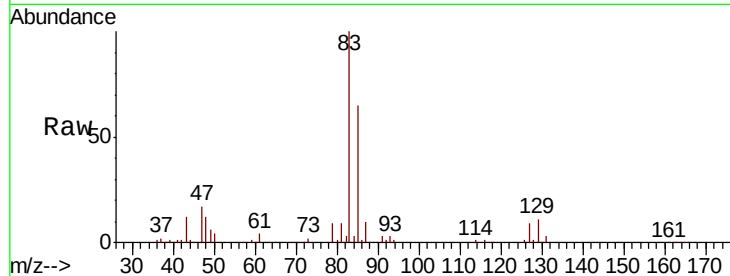




#47
 Bromodichloromethane
 Concen: 53.635 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

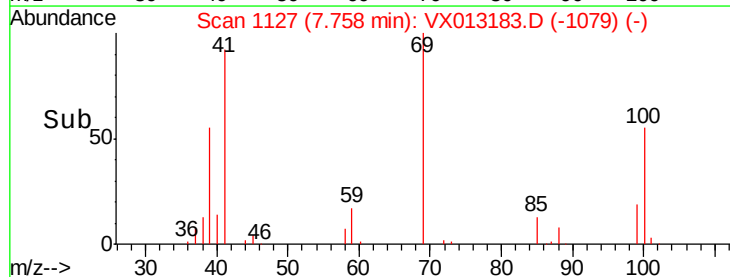
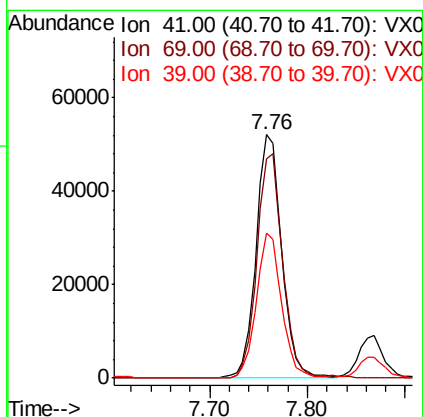
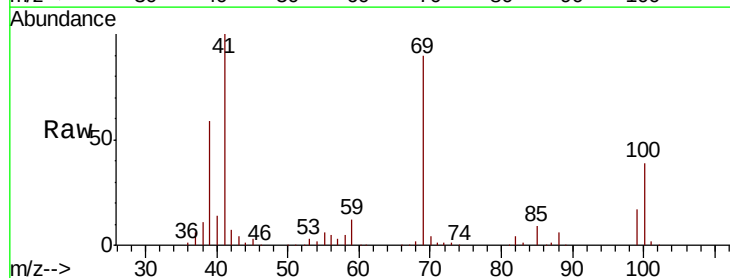
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

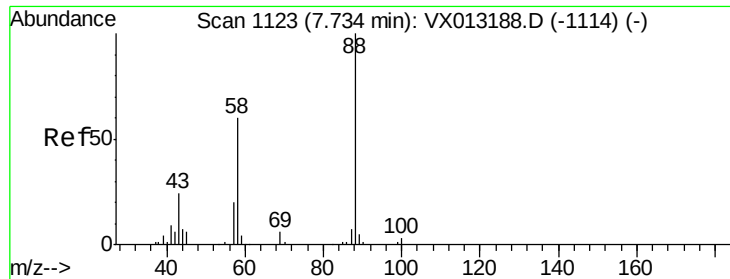
Tot Ion: 83 Resp: 129113
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.0 76.6
 127 9.2 7.2 10.8



#48
 Methyl methacrylate
 Concen: 50.839 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 41 Resp: 94747
 Ion Ratio Lower Upper
 41 100
 69 93.0 72.0 108.0
 39 58.8 47.4 71.0

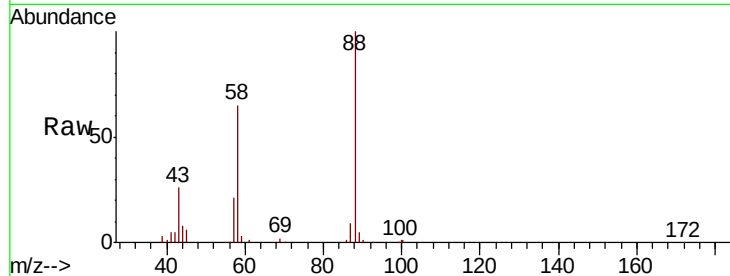




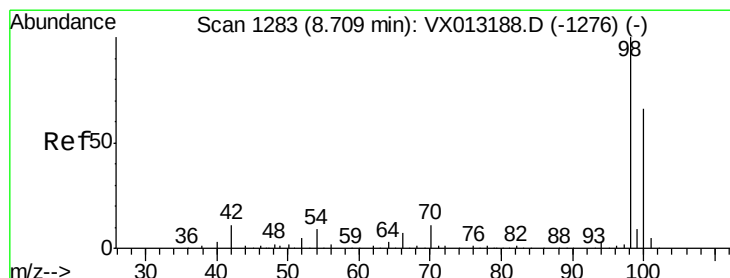
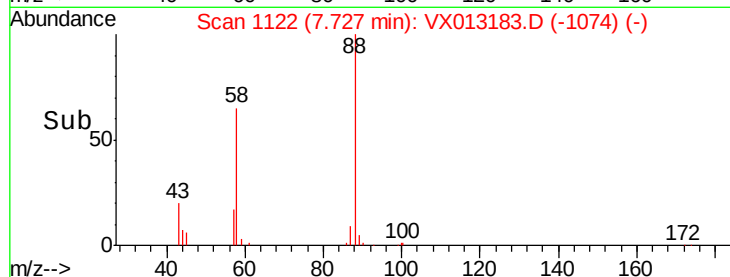
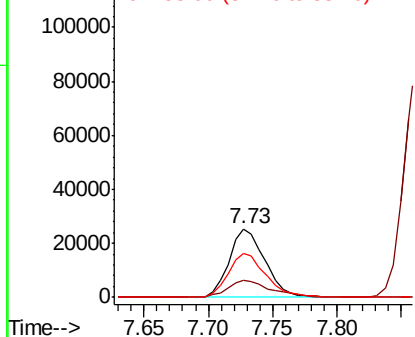
#49
 1,4-Dioxane
 Concen: 1030.794 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 48893
 Ion Ratio Lower Upper
 88 100
 43 31.2 24.5 36.7
 58 67.5 54.1 81.1

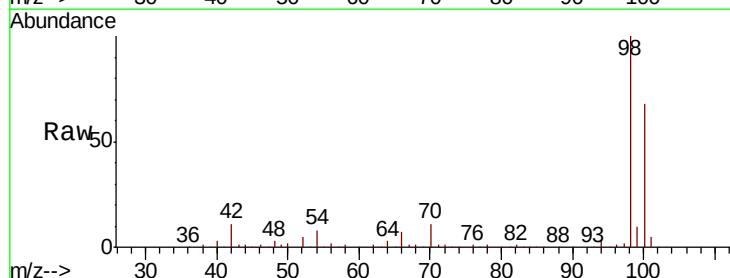


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

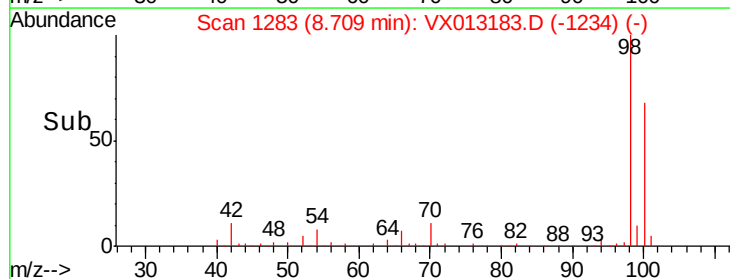
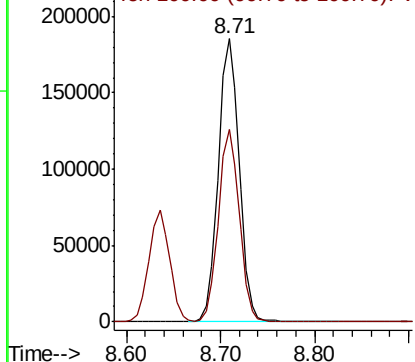


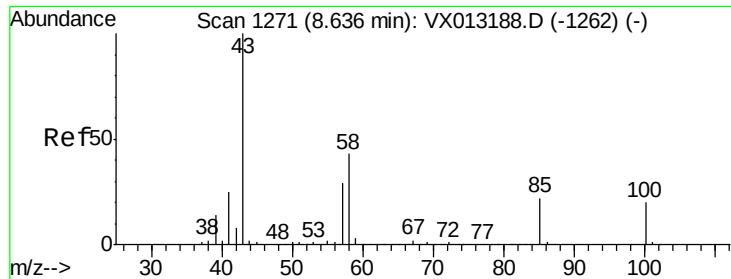
#50
 Toluene-d8
 Concen: 50.978 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 98 Resp: 287111
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 254.487 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

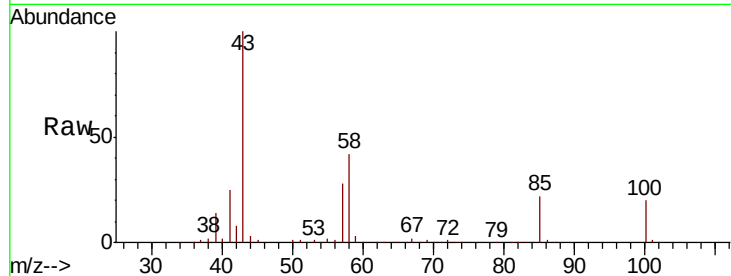
VSTDCCC050

Tot Ion: 43 Resp: 584895

Ion Ratio Lower Upper

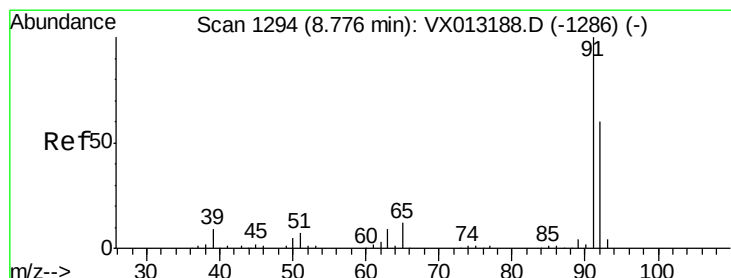
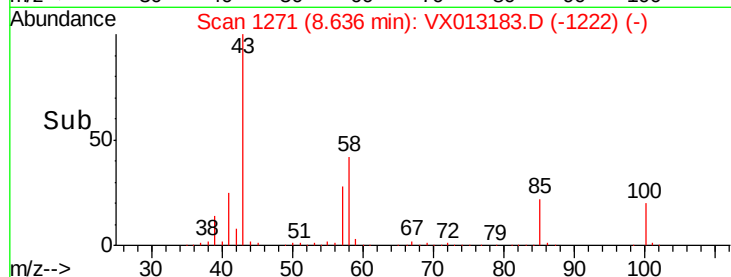
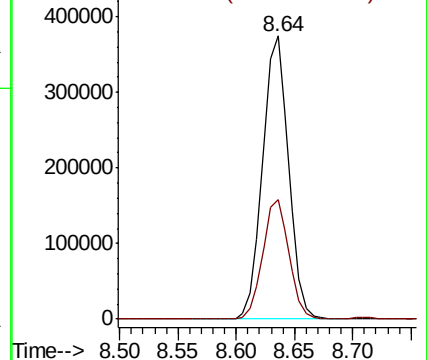
43 100

58 42.4 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.661 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013183.D

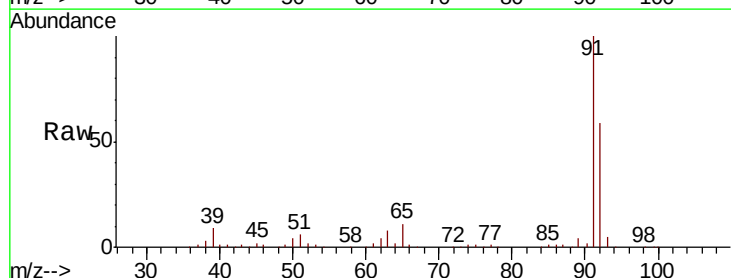
Acq: 23 Oct 2019 09:38

Tgt Ion: 92 Resp: 234360

Ion Ratio Lower Upper

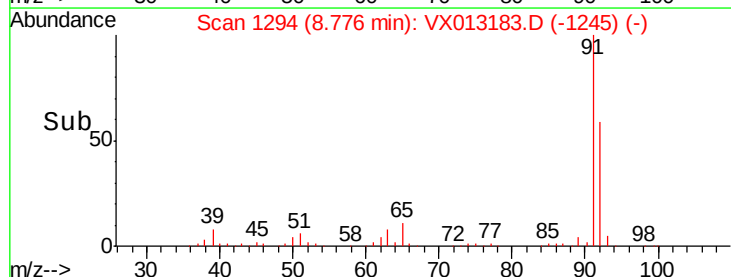
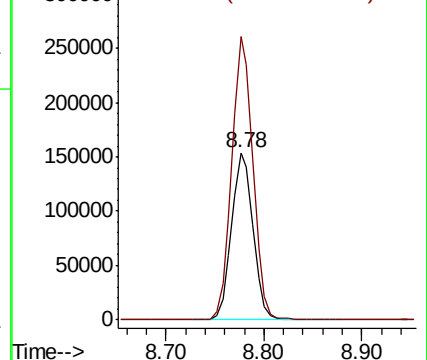
92 100

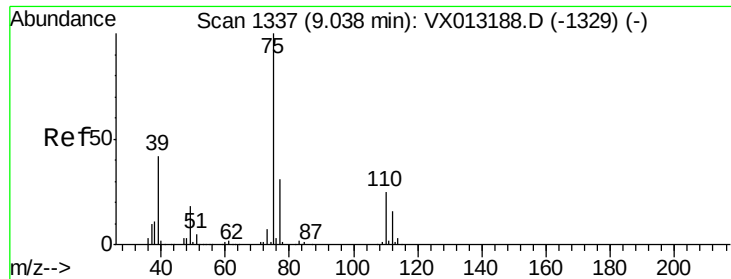
91 167.6 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 56.900 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

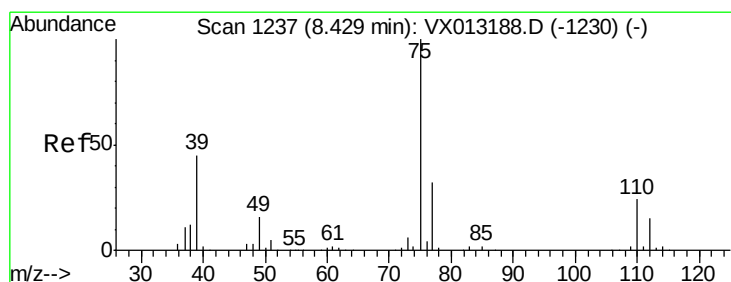
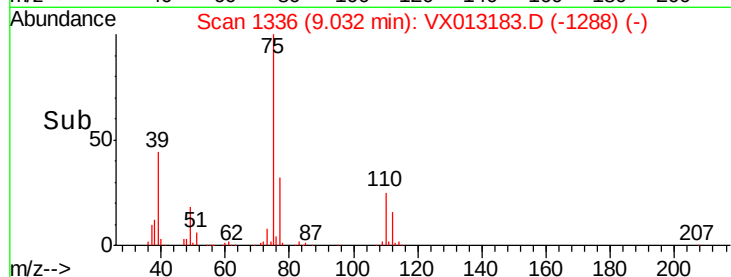
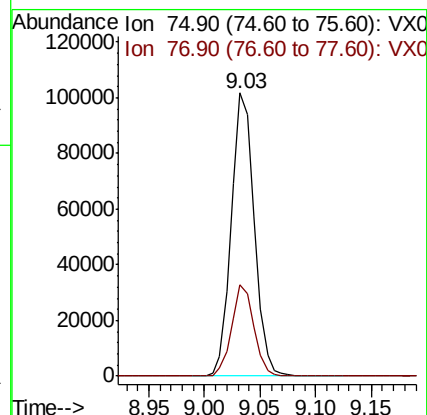
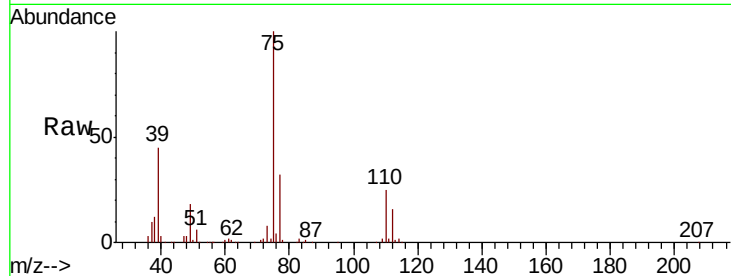
VSTDCCC050

Tot Ion: 75 Resp: 145556

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 56.431 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

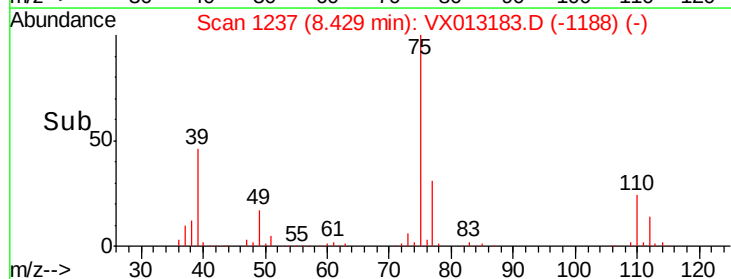
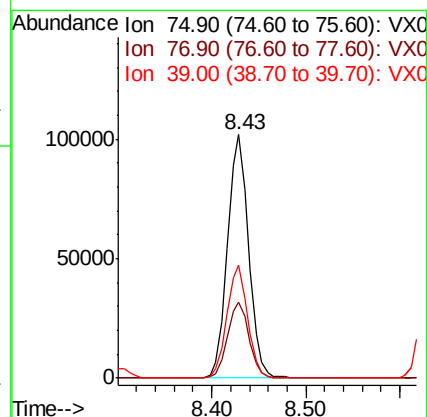
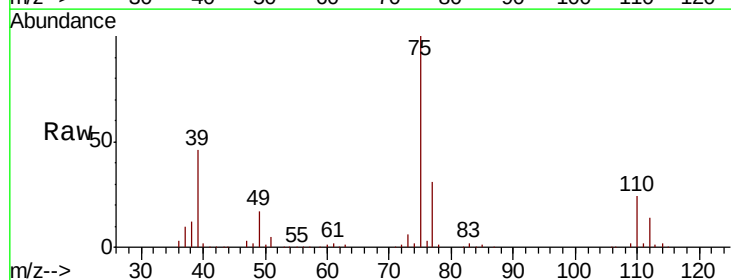
Tgt Ion: 75 Resp: 157919

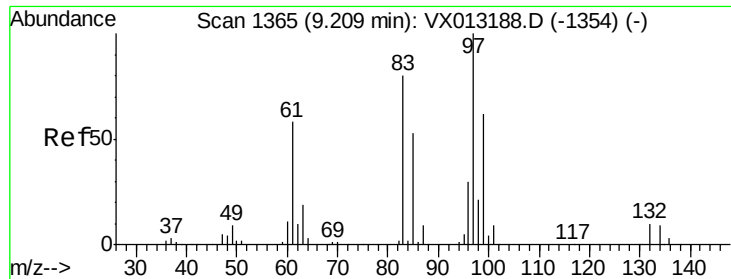
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 46.2 36.2 54.4

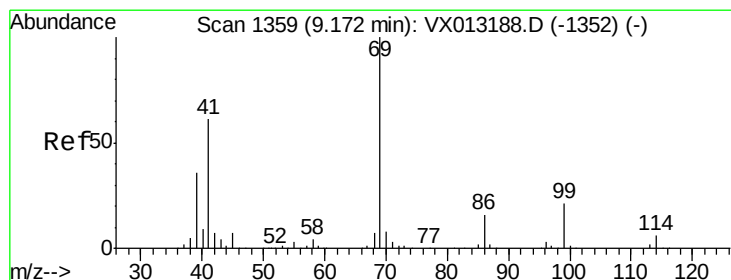
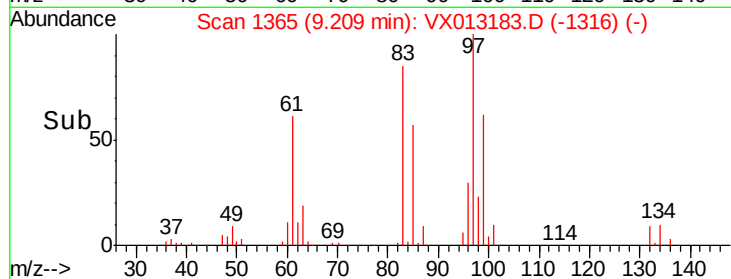
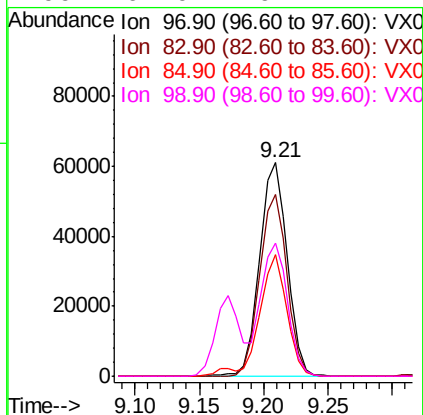
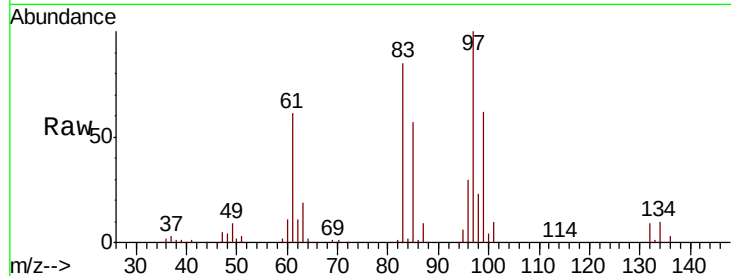




#55
 1,1,2-Trichloroethane
 Concen: 50.453 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

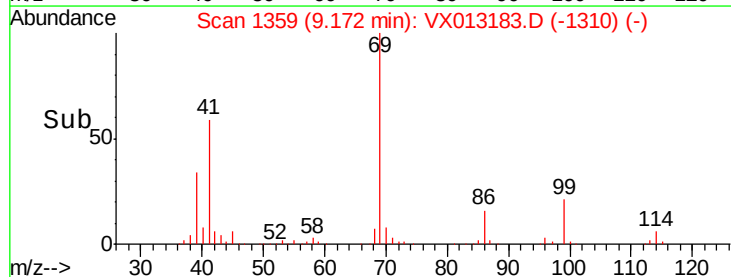
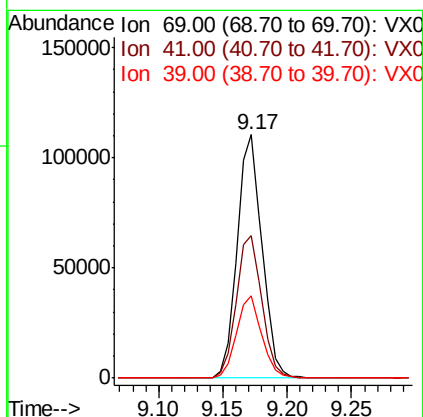
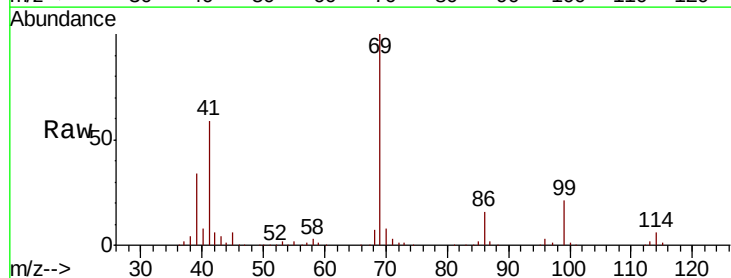
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

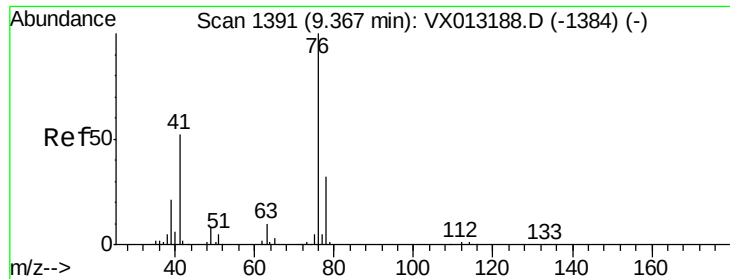
Tot Ion:	97	Resp:	90491
Ion	Ratio	Lower	Upper
97	100		
83	84.9	64.1	96.1
85	56.9	42.1	63.1
99	62.0	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 54.794 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion:	69	Resp:	147914
Ion	Ratio	Lower	Upper
69	100		
41	60.3	49.5	74.3
39	34.3	28.3	42.5

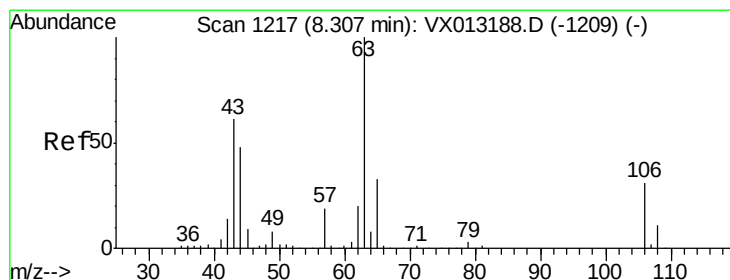
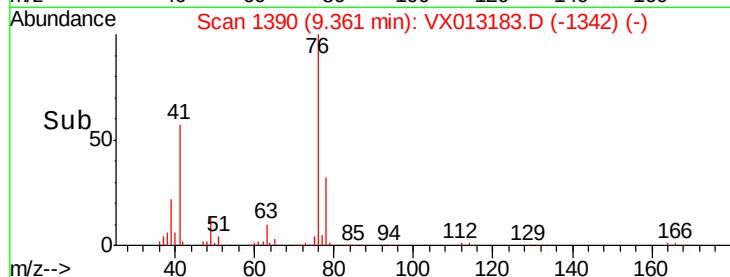
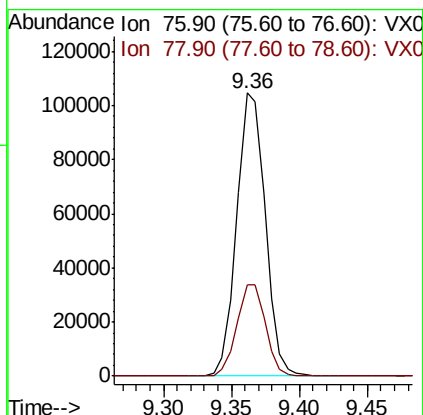
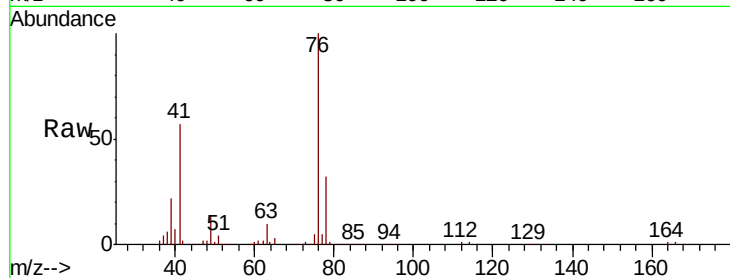




#57
 1,3-Dichloropropane
 Concen: 50.591 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

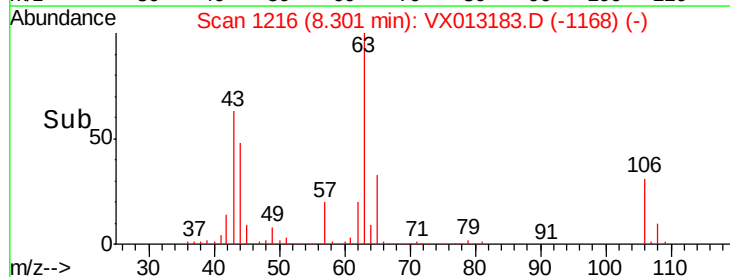
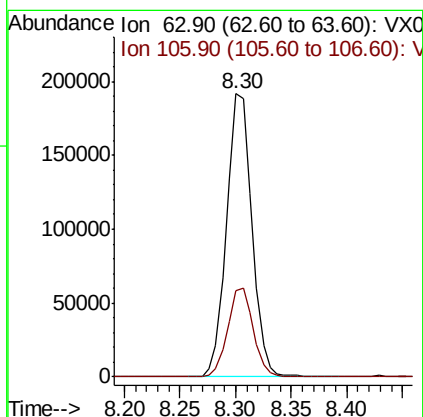
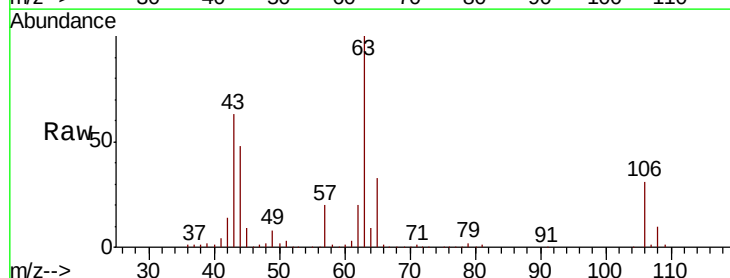
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

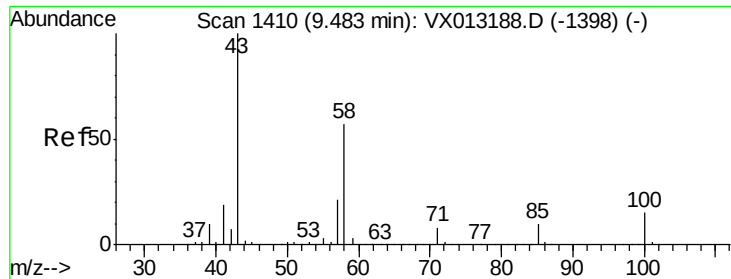
Tot Ion: 76 Resp: 153103
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.928 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 63 Resp: 303279
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.0

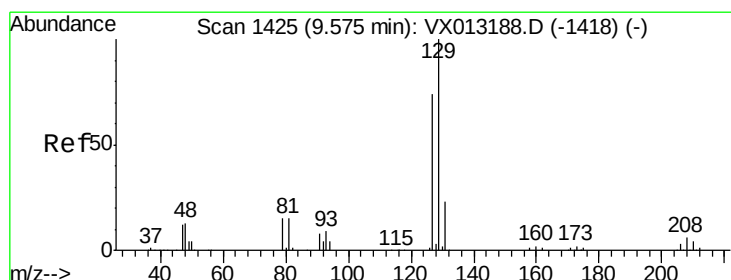
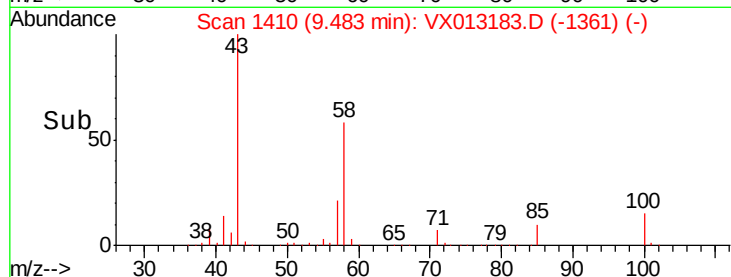
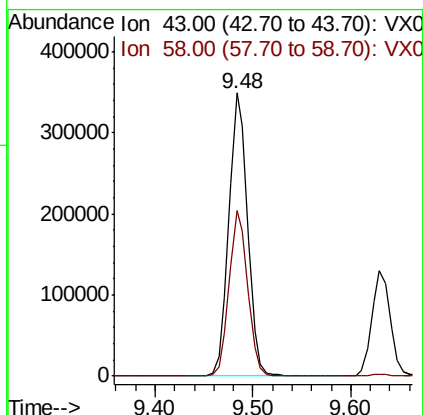
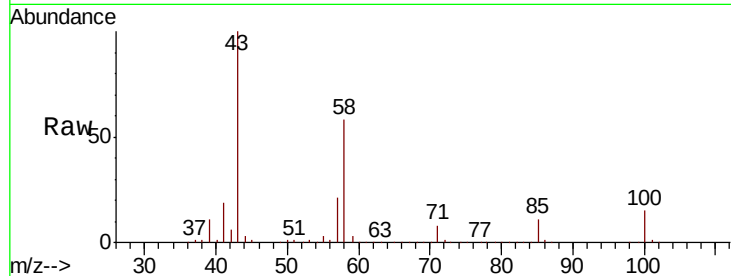




#59
2-Hexanone
Concen: 262.523 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

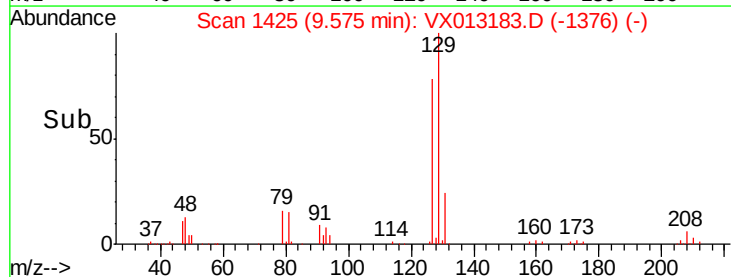
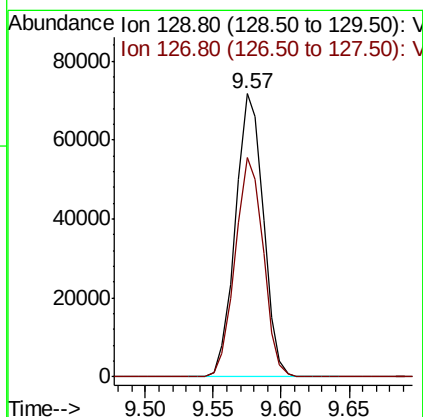
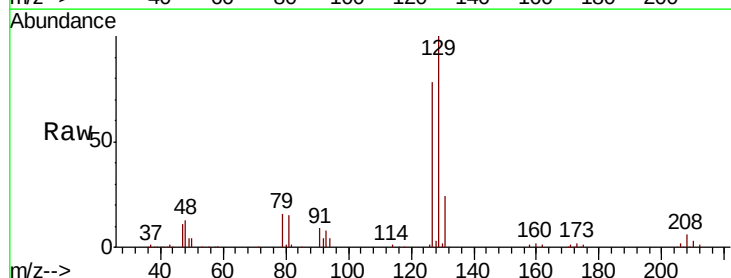
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

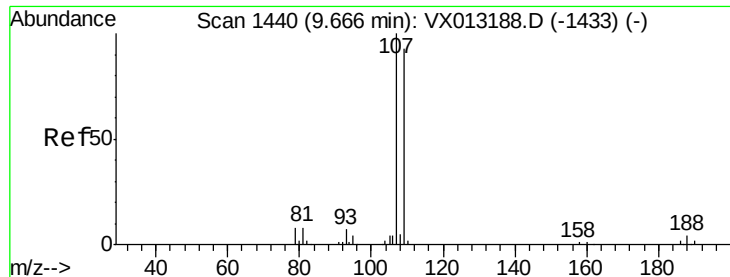
Tot Ion: 43 Resp: 464768
Ion Ratio Lower Upper
43 100
58 58.0 28.2 84.7



#60
Dibromochloromethane
Concen: 54.653 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 129 Resp: 102713
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.183 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

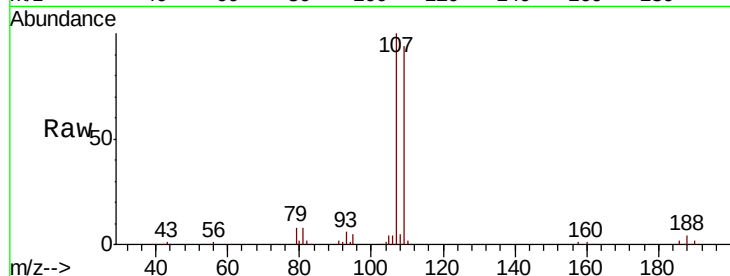
VSTDCCC050

Tot Ion:107 Resp: 99360

Ion Ratio Lower Upper

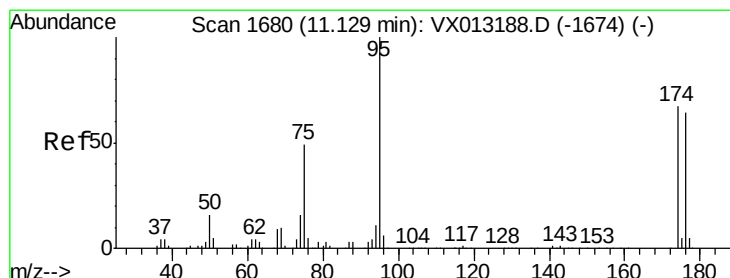
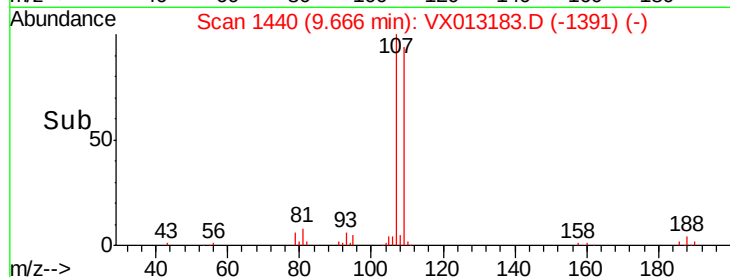
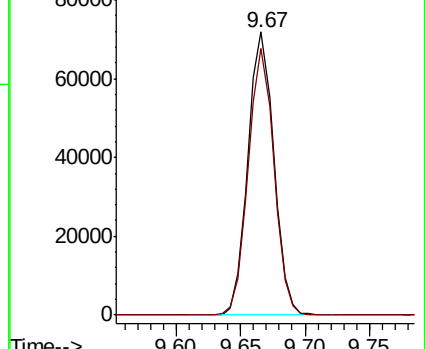
107 100

109 93.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.719 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

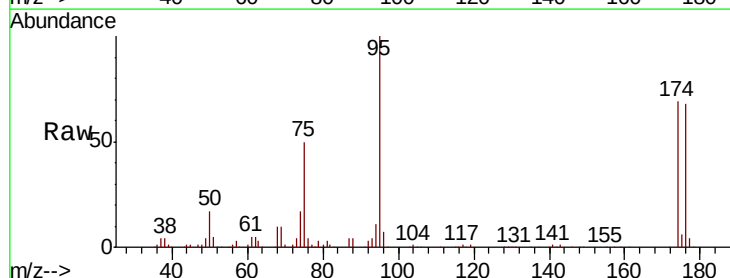
Tgt Ion: 95 Resp: 115291

Ion Ratio Lower Upper

95 100

174 75.4 0.0 152.4

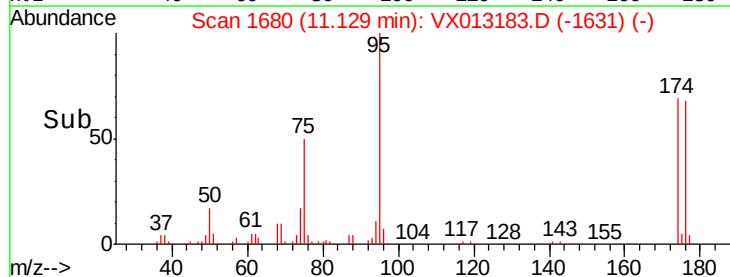
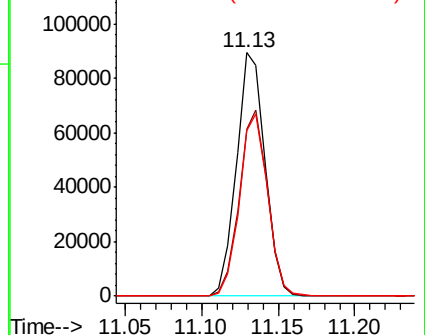
176 74.0 0.0 146.0

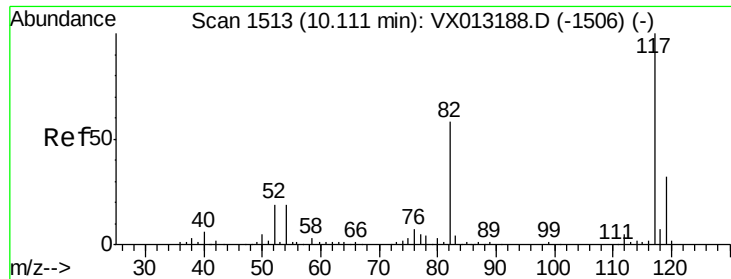


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

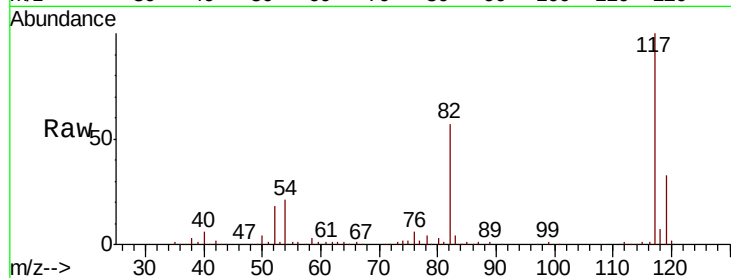




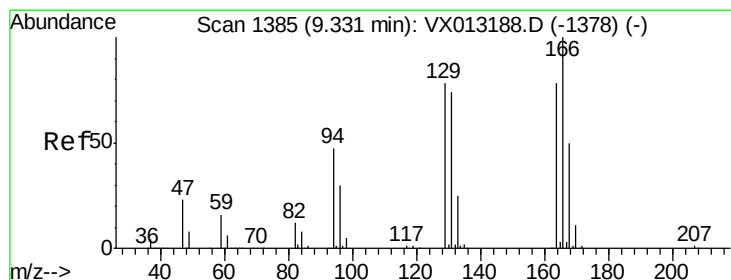
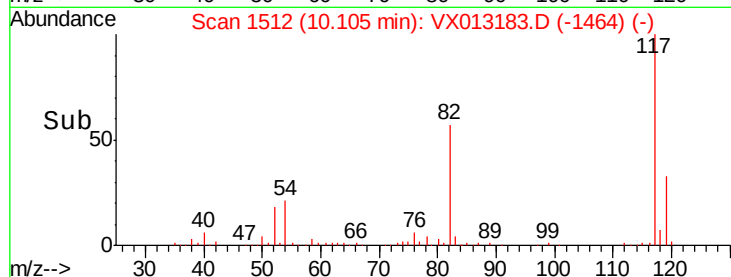
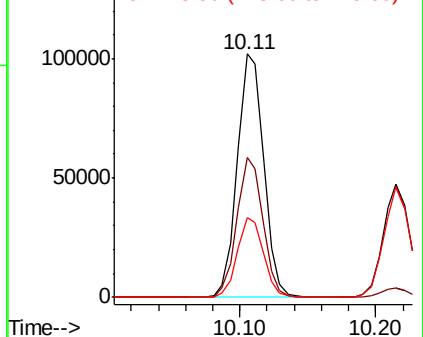
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 138278
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.9 25.2 37.8

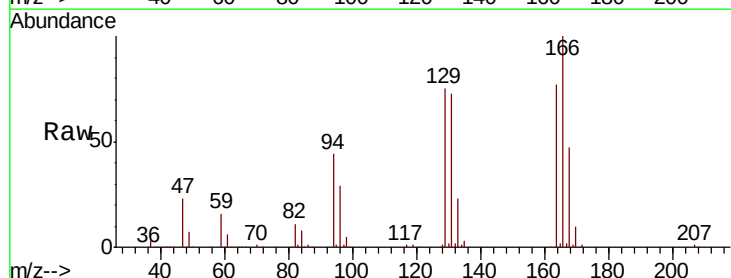


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

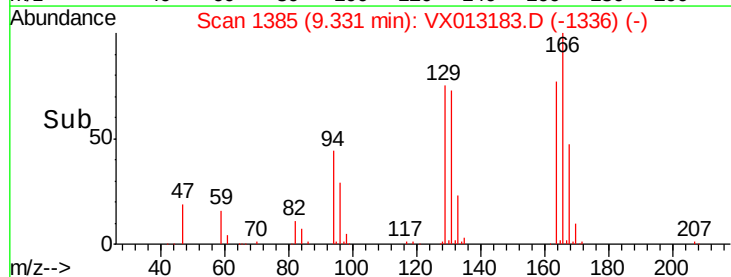
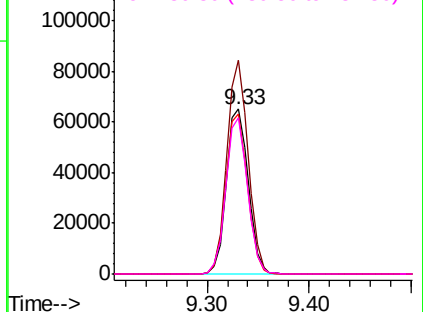


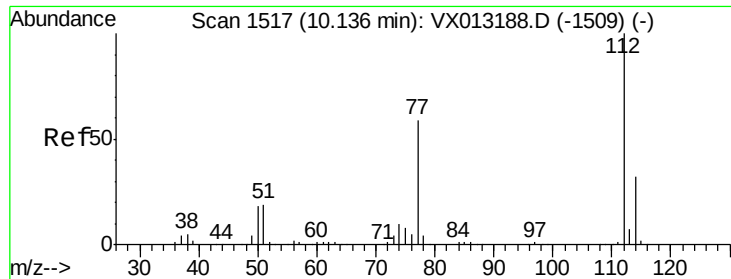
#64
Tetrachloroethene
Concen: 56.566 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion:164 Resp: 96079
Ion Ratio Lower Upper
164 100
166 129.4 102.2 153.4
129 97.0 79.8 119.8
131 94.6 75.3 112.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

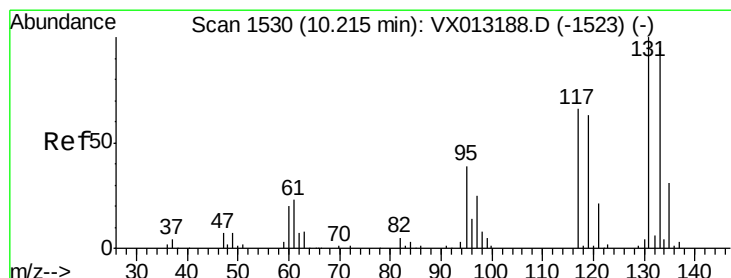
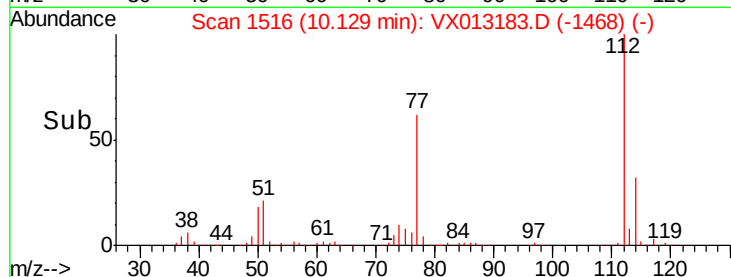
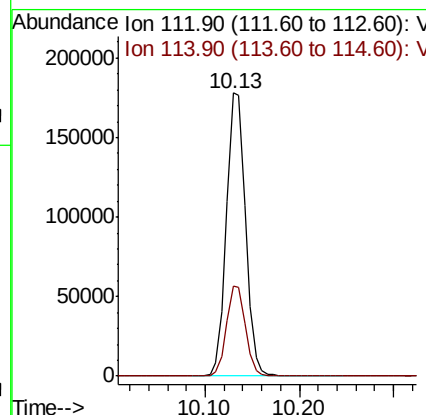
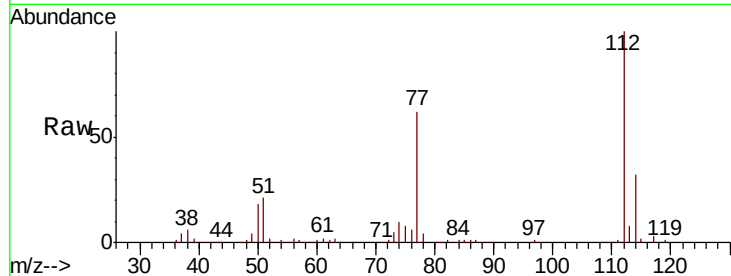




#65
Chlorobenzene
Concen: 51.802 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

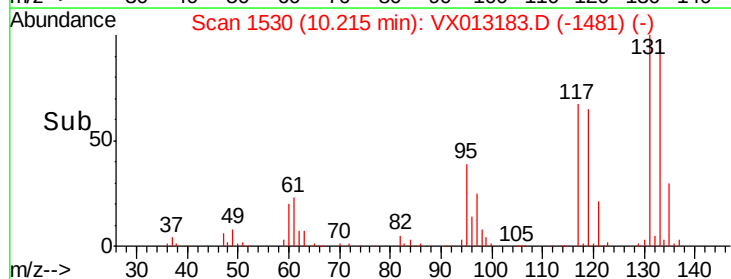
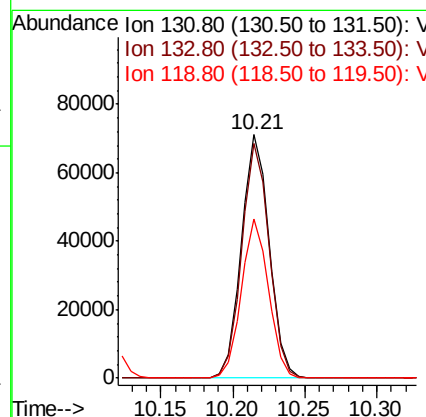
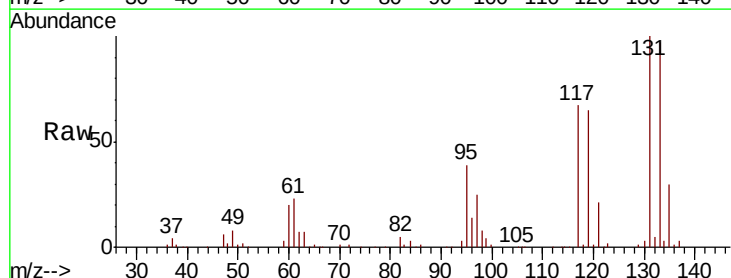
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

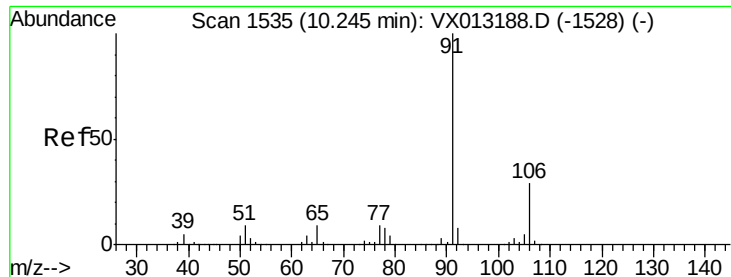
Tot Ion:112 Resp: 250746
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.503 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion:131 Resp: 95671
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 64.0 32.4 97.0

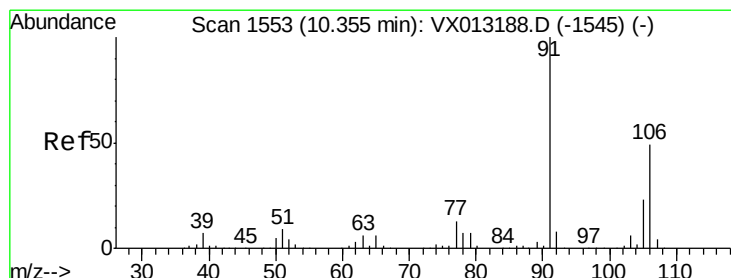
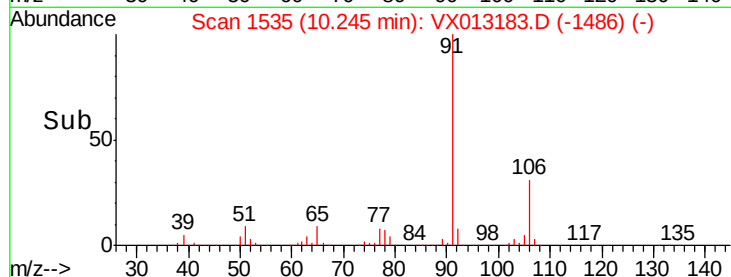
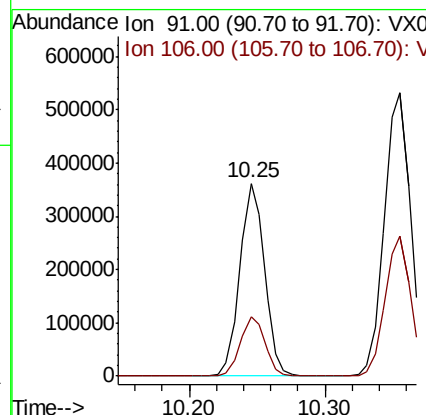
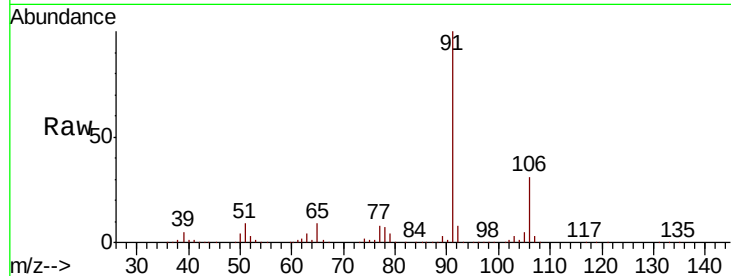




#67
Ethyl Benzene
Concen: 52.910 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

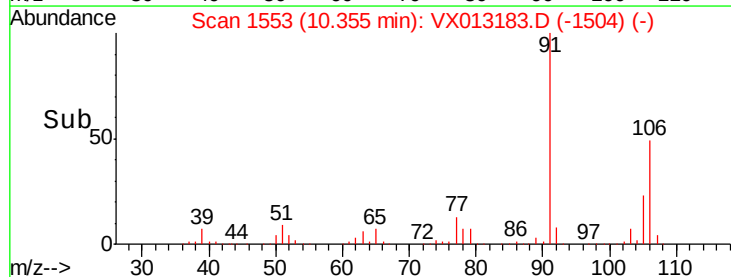
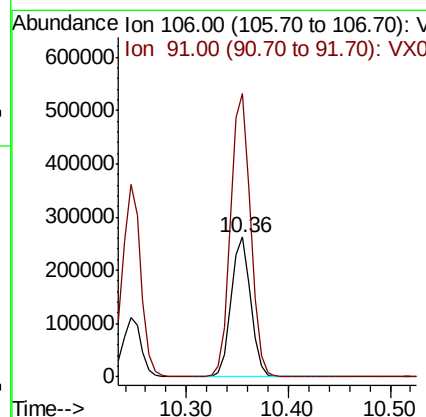
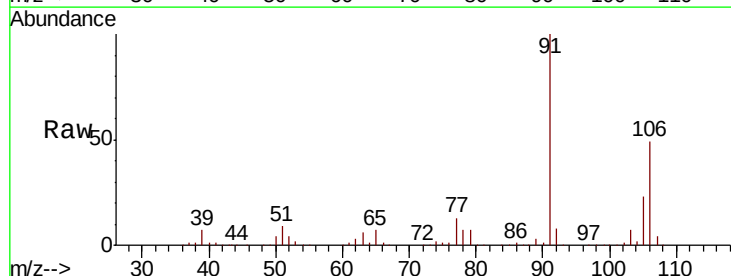
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

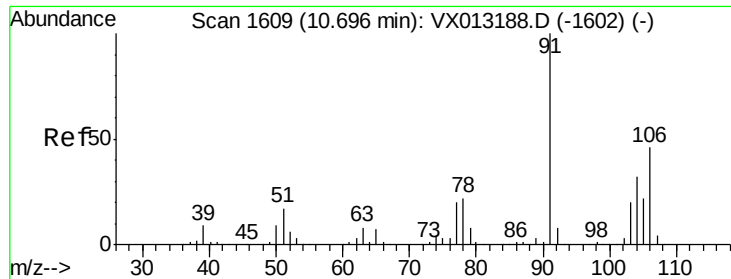
Tot Ion: 91 Resp: 458501
Ion Ratio Lower Upper
91 100
106 30.7 23.5 35.3



#68
m/p-Xylenes
Concen: 105.089 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion: 106 Resp: 344154
Ion Ratio Lower Upper
106 100
91 207.8 166.8 250.2

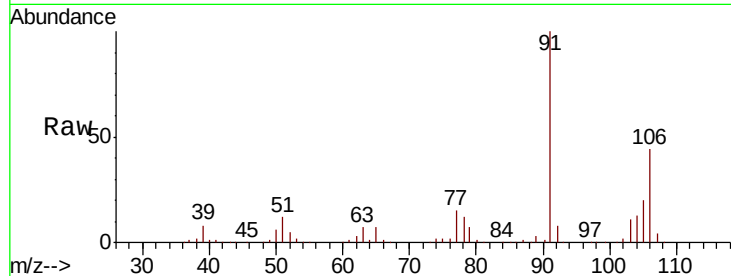




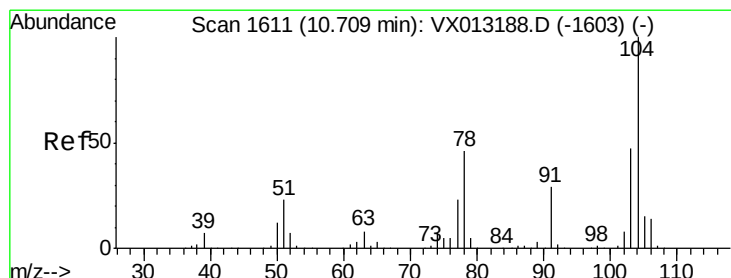
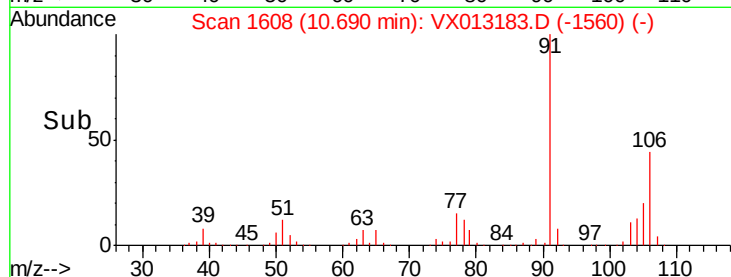
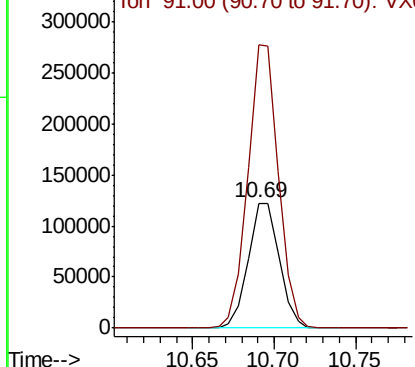
#69
o-Xylene
Concen: 52.201 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 163990
Ion Ratio Lower Upper
106 100
91 221.8 110.7 331.9

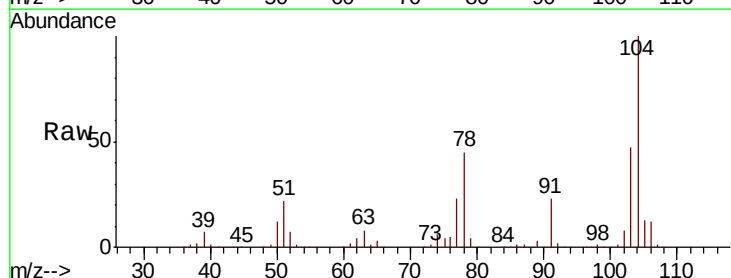


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

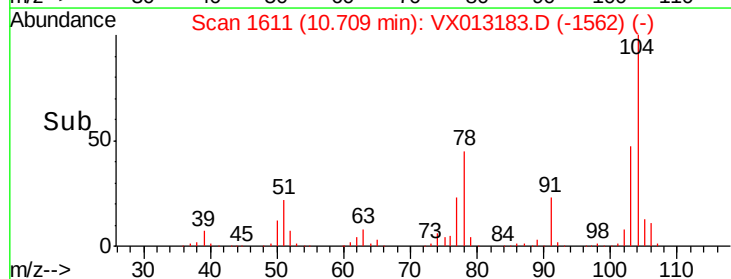
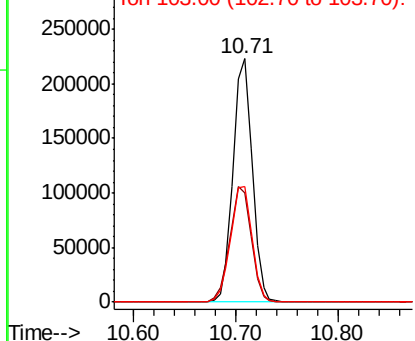


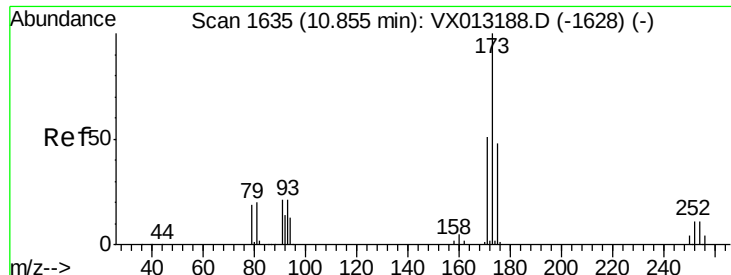
#70
Styrene
Concen: 53.564 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion:104 Resp: 289754
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 53.1 42.8 64.2



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





#71

Bromoform

Concen: 57.708 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

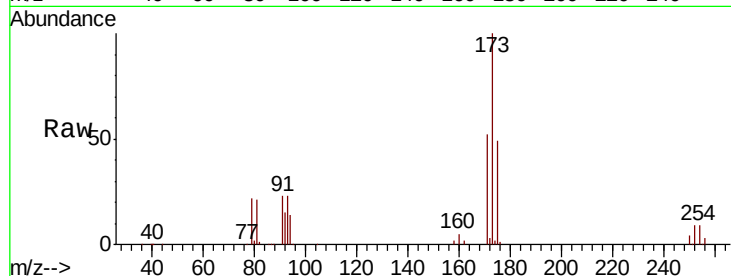
Tot Ion:173 Resp: 75400

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

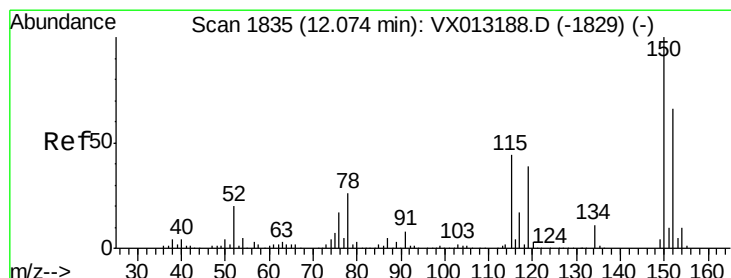
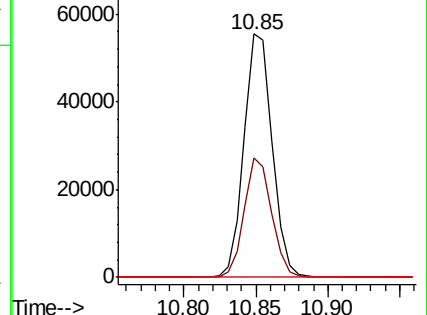
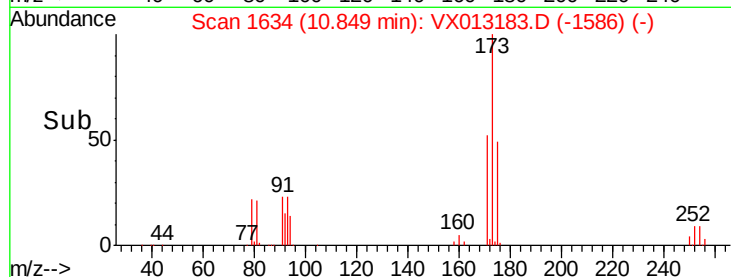
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

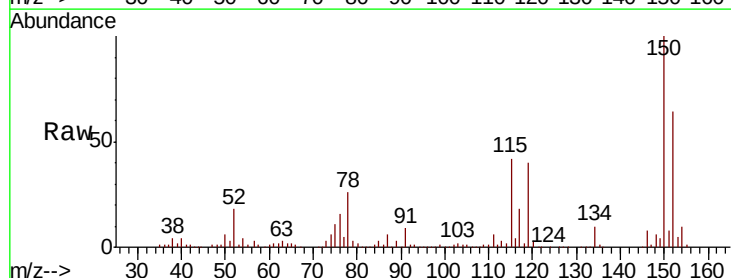
Tgt Ion:152 Resp: 97287

Ion Ratio Lower Upper

152 100

115 91.6 46.6 139.8

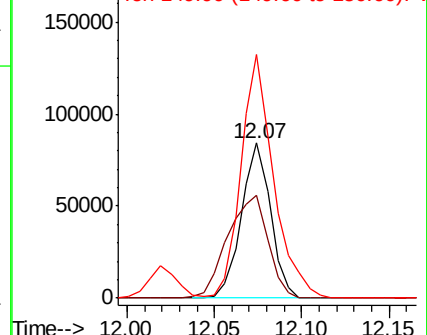
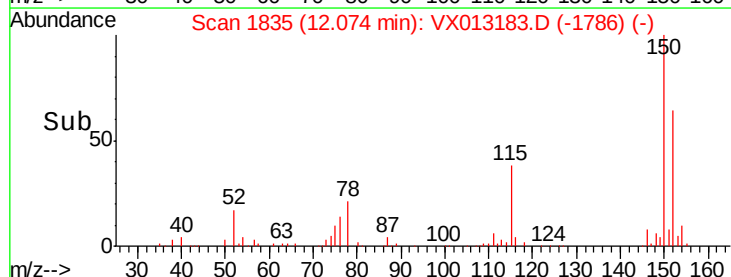
150 176.2 0.0 354.0

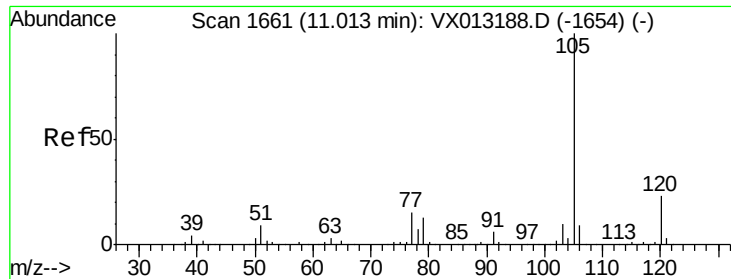


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.840 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

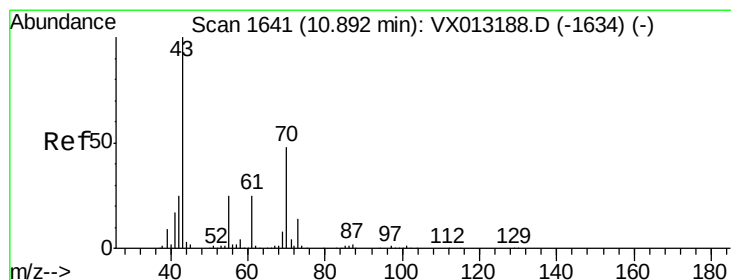
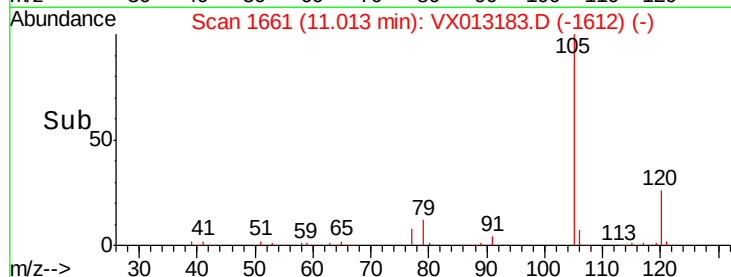
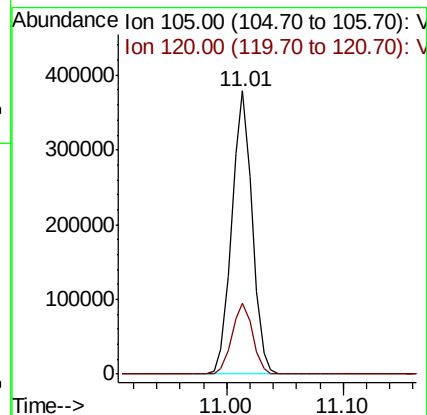
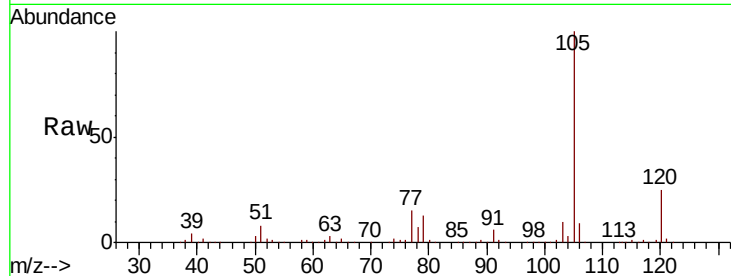
VSTDCCC050

Tot Ion:105 Resp: 457985

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 52.053 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Tgt Ion: 43 Resp: 168782

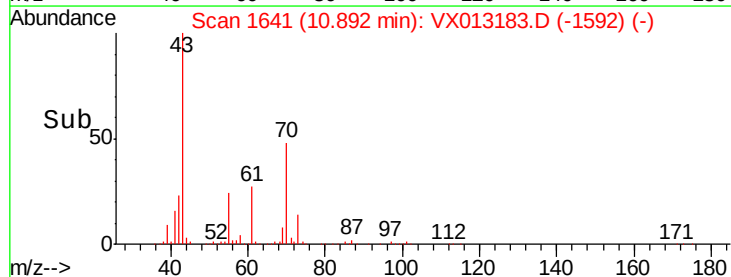
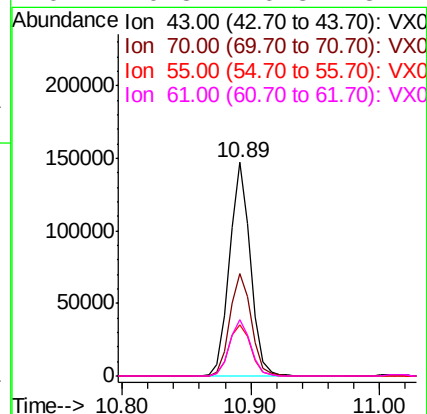
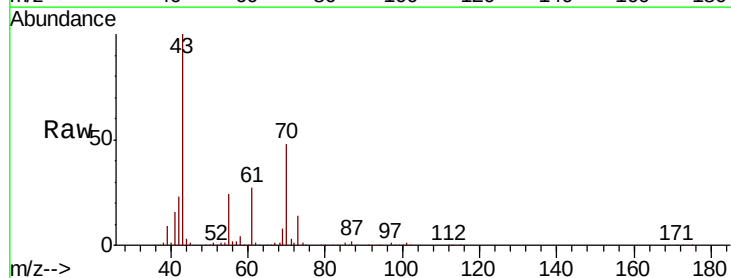
Ion Ratio Lower Upper

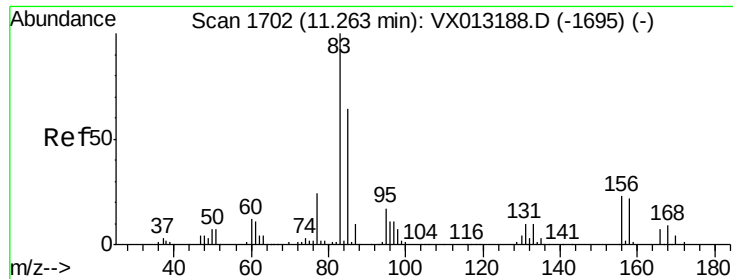
43 100

70 49.2 38.5 57.7

55 25.8 20.7 31.1

61 26.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.688 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

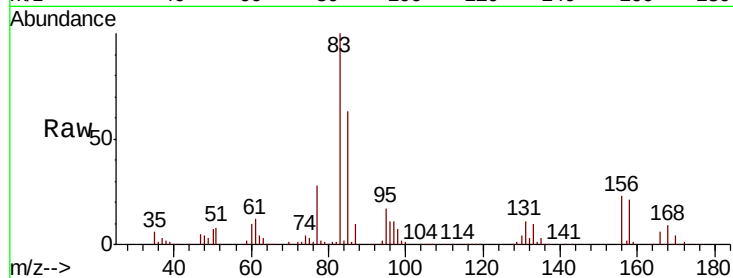
Tot Ion: 83 Resp: 135970

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

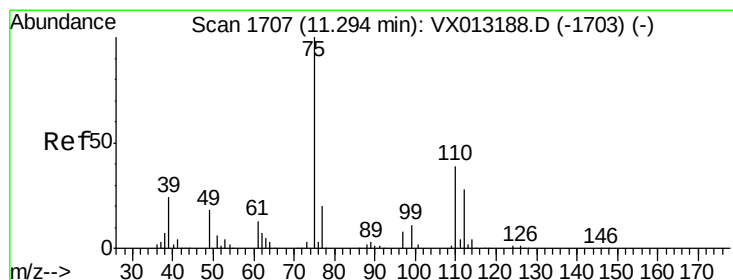
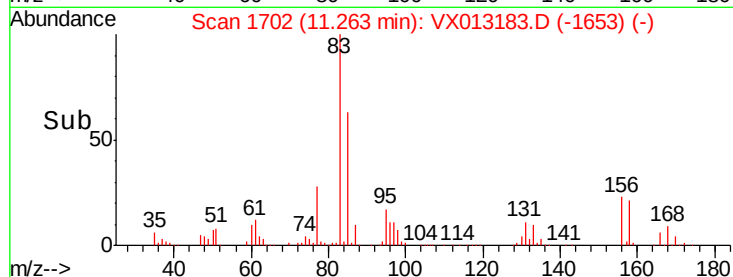
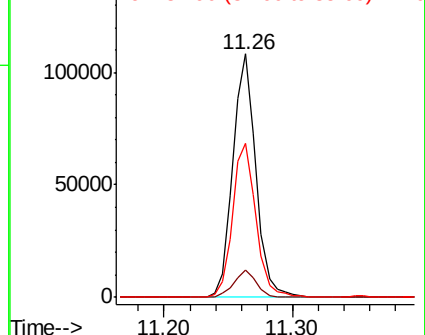
85 64.4 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.824 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013183.D

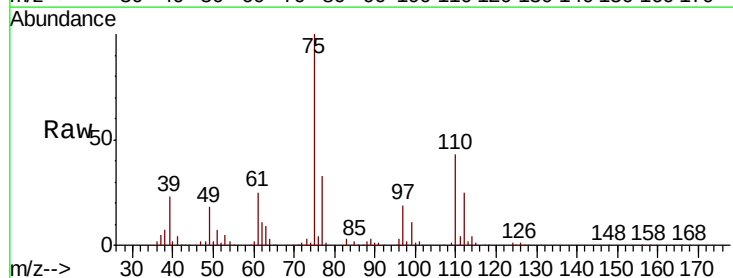
Acq: 23 Oct 2019 09:38

Tgt Ion: 75 Resp: 159033

Ion Ratio Lower Upper

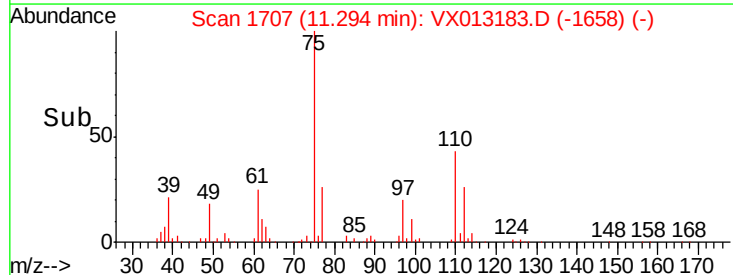
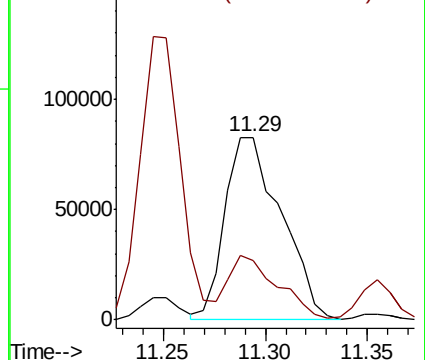
75 100

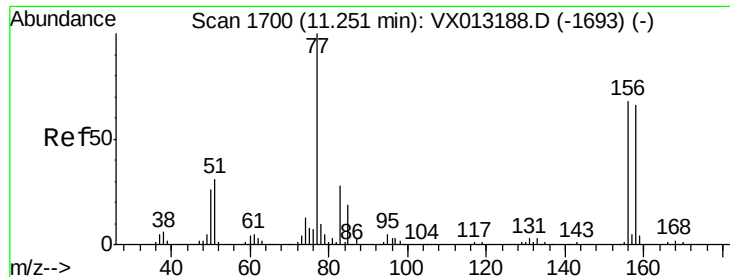
77 30.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.747 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

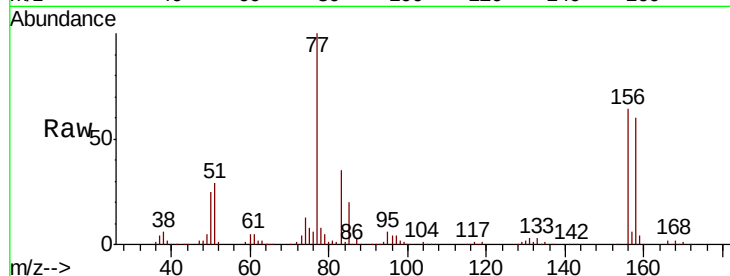
Tot Ion:156 Resp: 107452

Ion Ratio Lower Upper

156 100

77 166.8 81.7 245.1

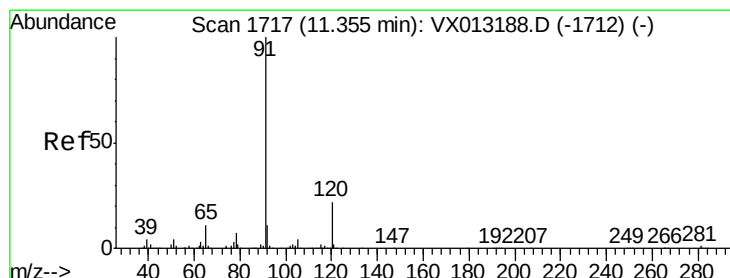
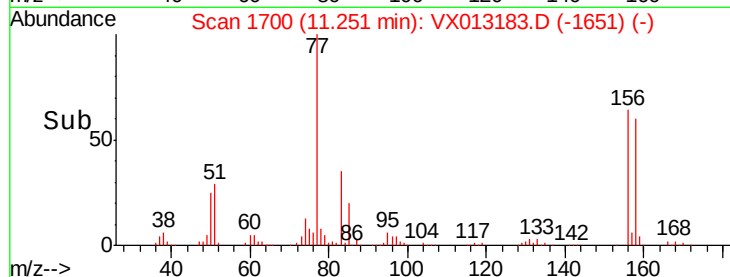
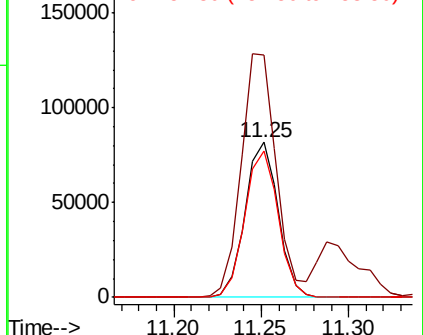
158 95.4 49.6 148.8



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: 53.427 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013183.D

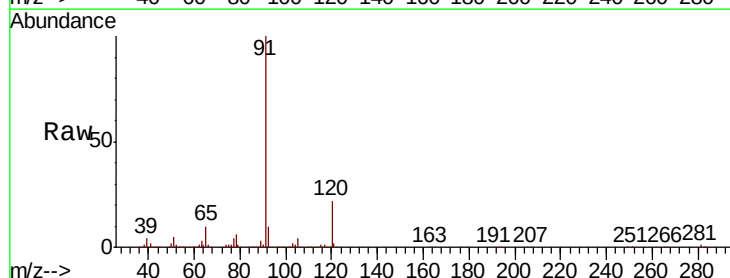
Acq: 23 Oct 2019 09:38

Tgt Ion: 91 Resp: 512714

Ion Ratio Lower Upper

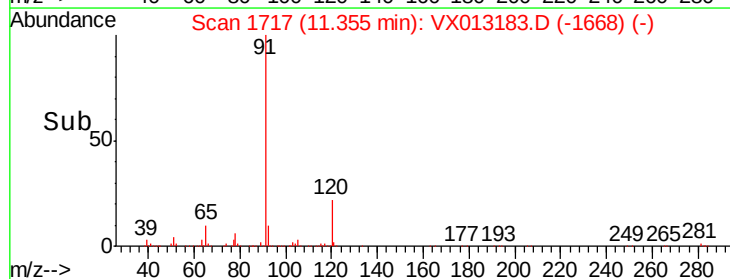
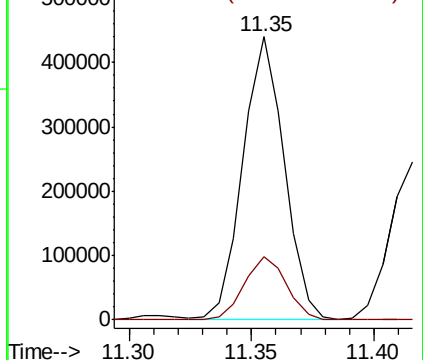
91 100

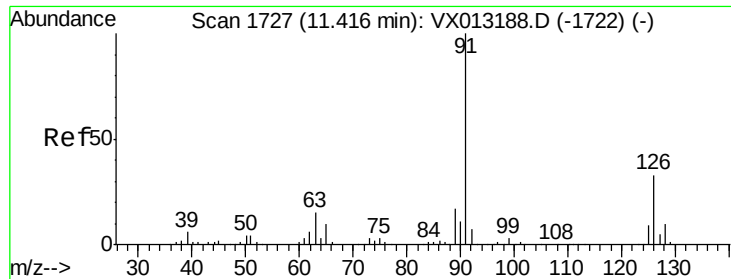
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

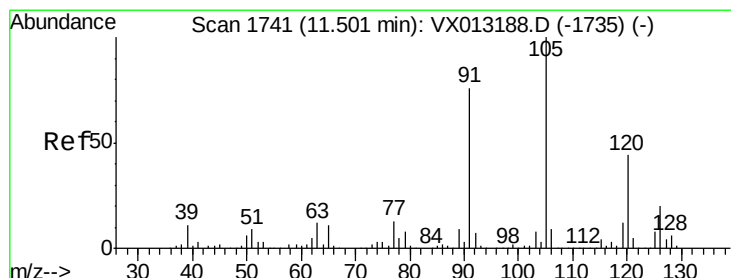
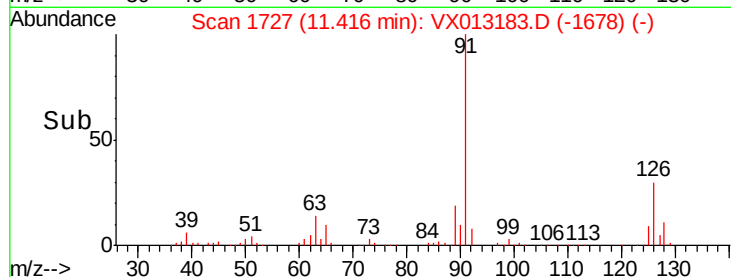
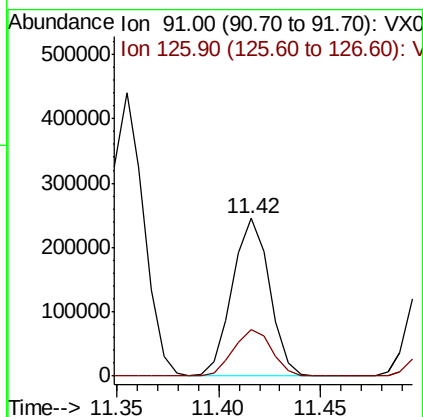
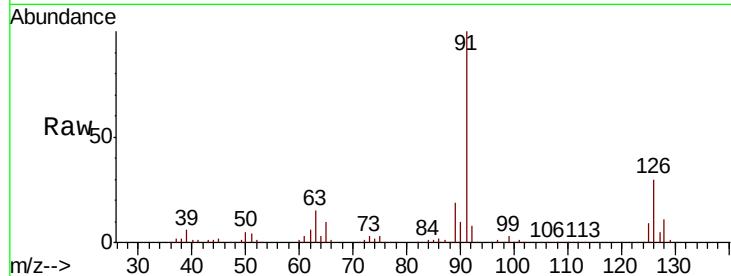




#79
 2-Chlorotoluene
 Concen: 50.905 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

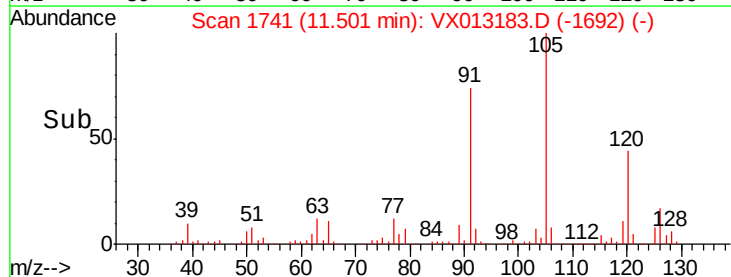
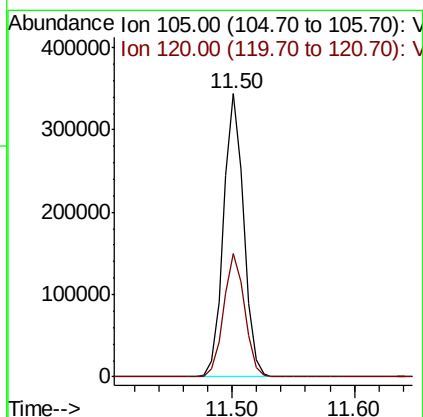
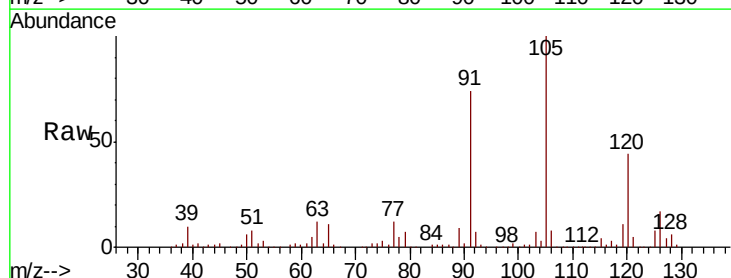
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

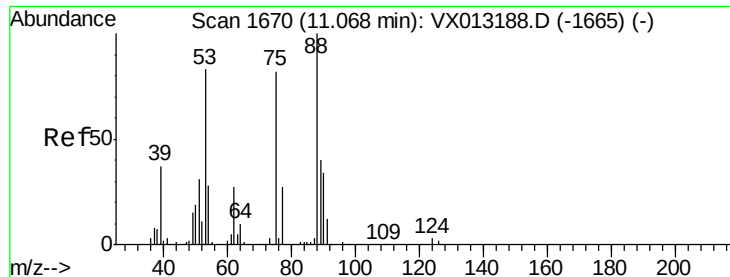
Tot Ion: 91 Resp: 308652
 Ion Ratio Lower Upper
 91 100
 126 30.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.154 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 105 Resp: 390318
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.788 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

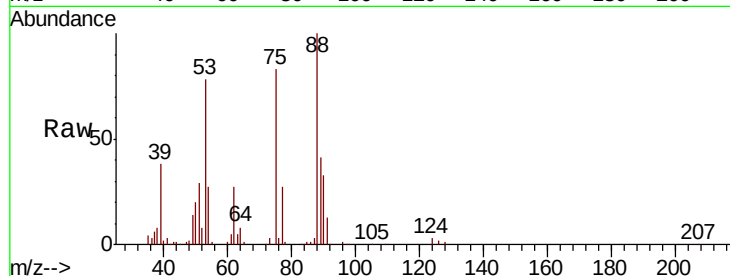
Tot Ion: 75 Resp: 46750

Ion Ratio Lower Upper

75 100

53 94.5 77.9 116.9

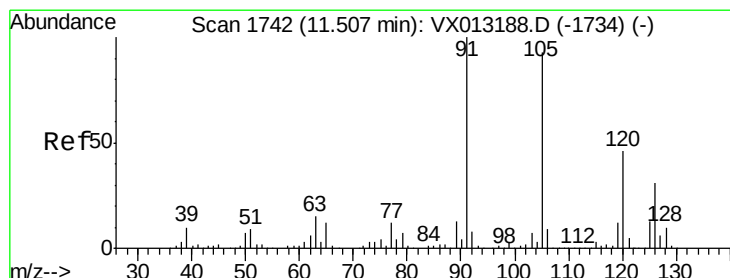
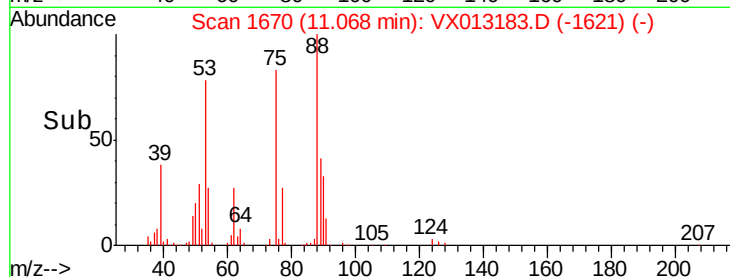
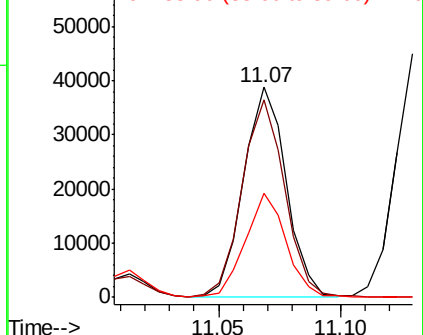
89 47.4 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.343 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013183.D

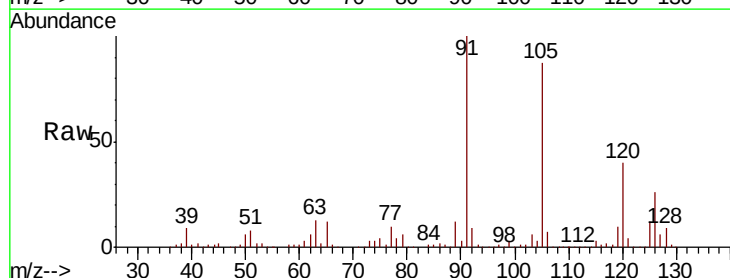
Acq: 23 Oct 2019 09:38

Tgt Ion: 91 Resp: 359604

Ion Ratio Lower Upper

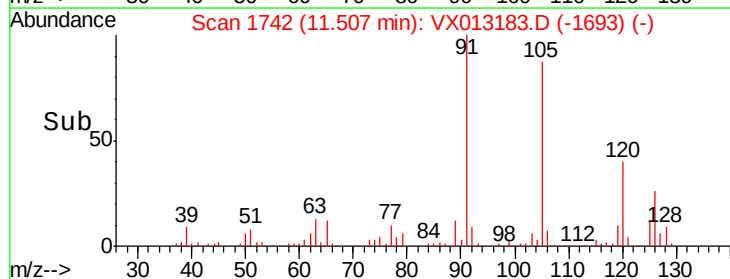
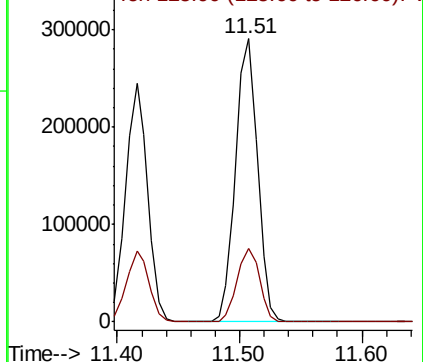
91 100

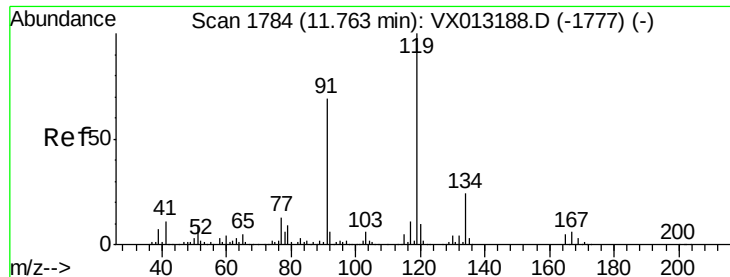
126 26.8 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

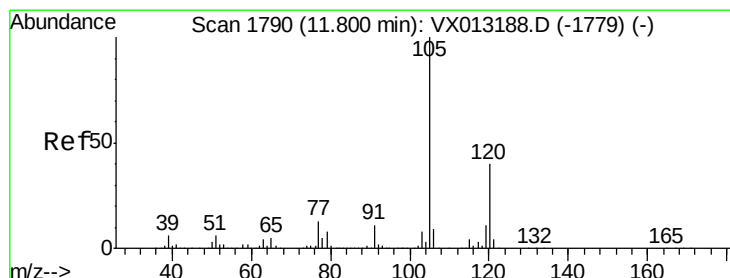
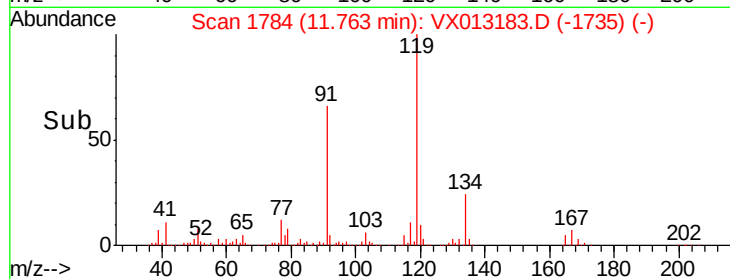
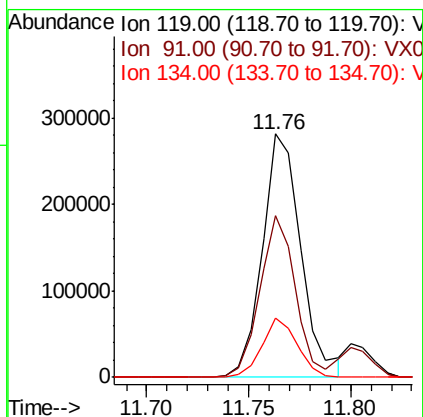
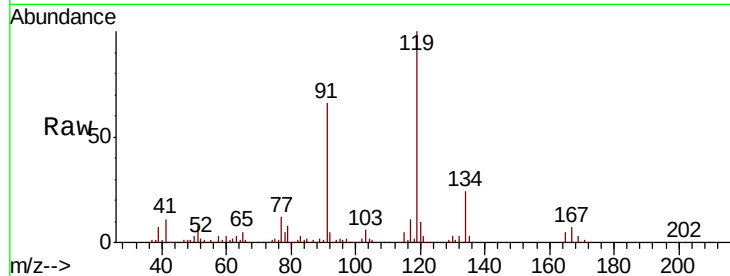




#83
 tert-Butylbenzene
 Concen: 51.181 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

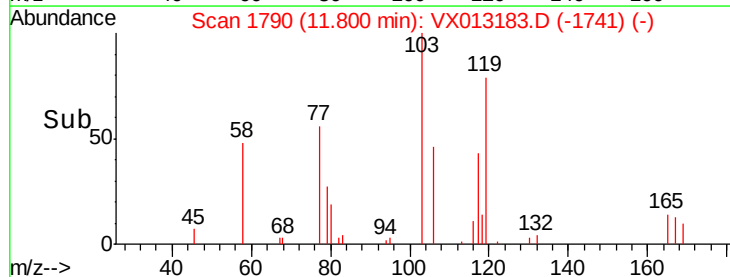
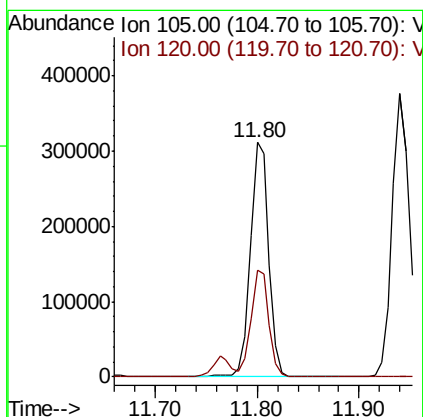
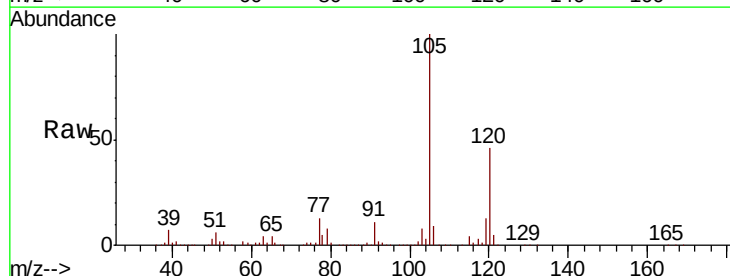
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

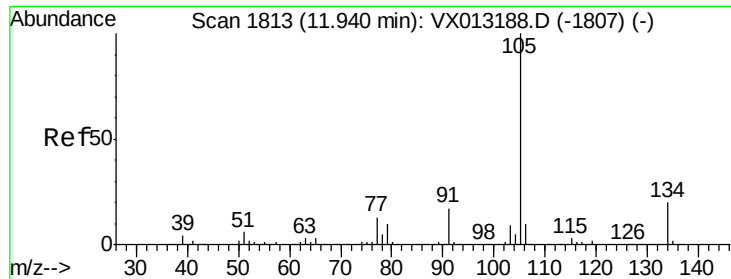
Tot Ion:119 Resp: 371838
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.8 92.4
 134 22.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.651 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion:105 Resp: 389976
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.4 64.3





#85

sec-Butylbenzene

Concen: 54.232 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

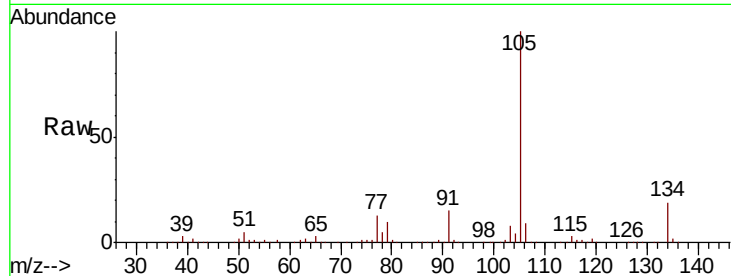
VSTDCCC050

Tot Ion:105 Resp: 448375

Ion Ratio Lower Upper

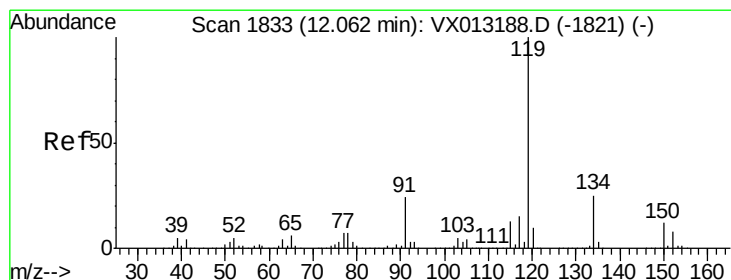
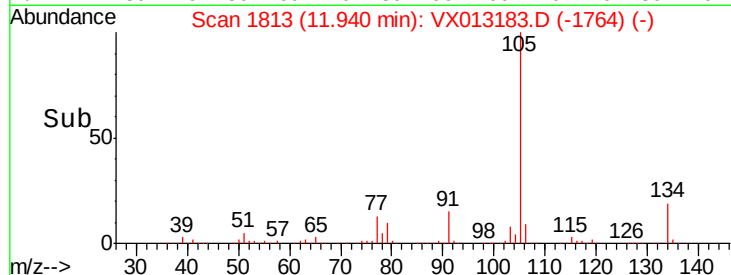
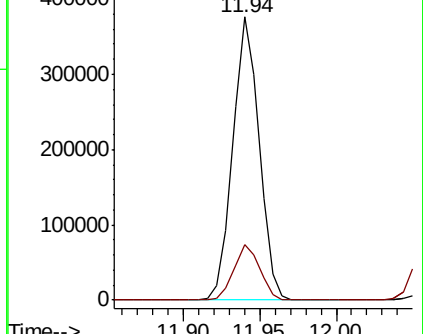
105 100

134 19.6 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.602 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

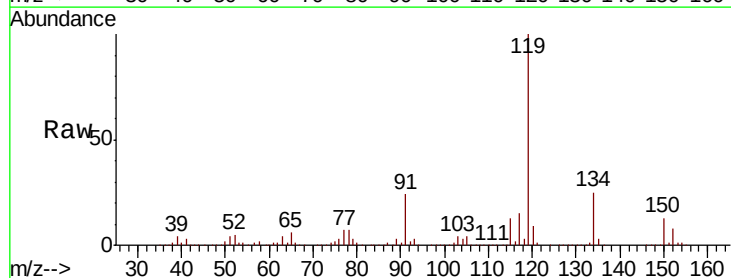
Tgt Ion:119 Resp: 424104

Ion Ratio Lower Upper

119 100

134 24.0 12.5 37.5

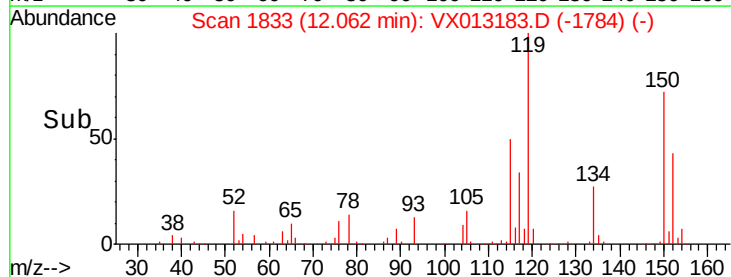
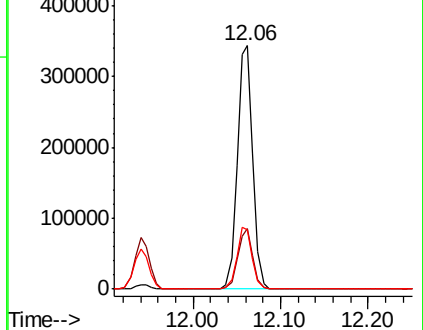
91 24.9 12.4 37.2

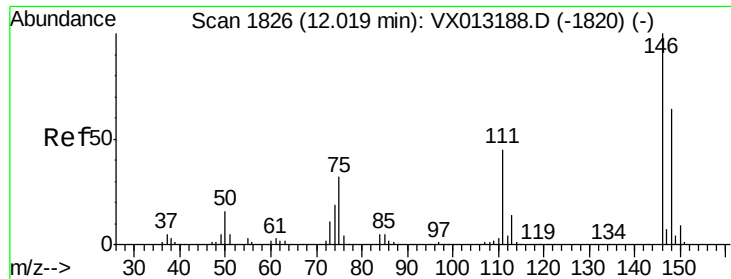


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

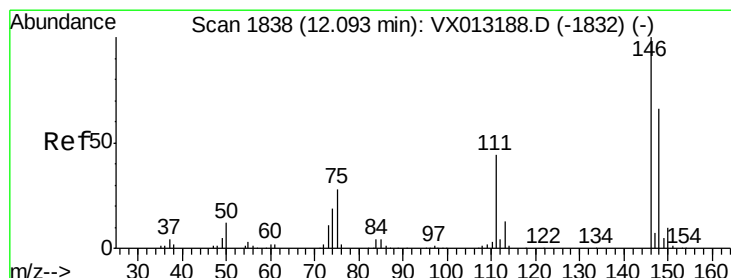
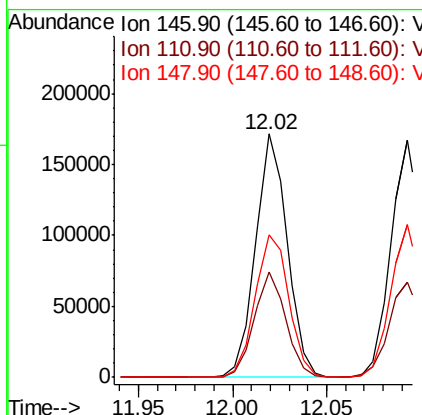
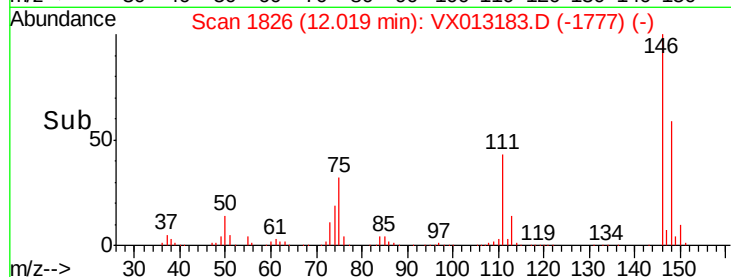
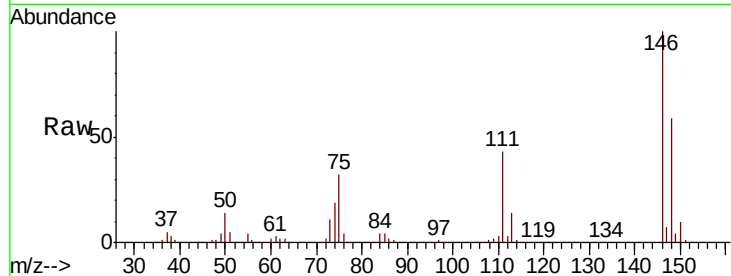




#87
 1,3-Dichlorobenzene
 Concen: 52.353 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

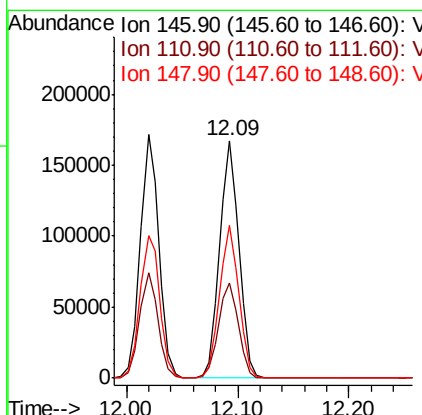
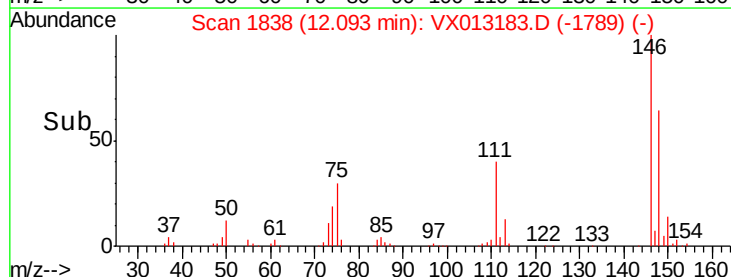
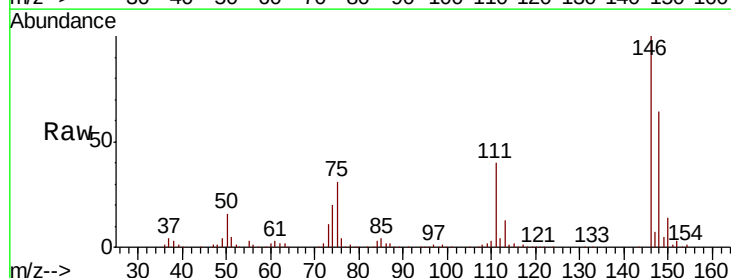
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

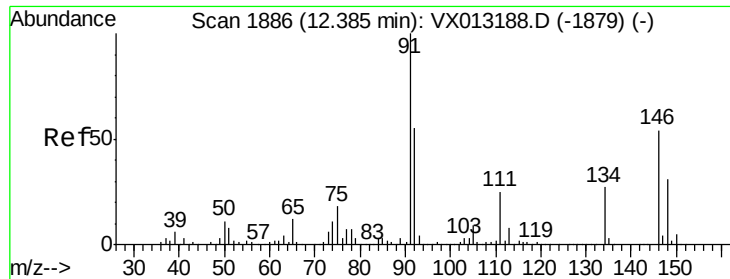
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	62.3	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.538 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.9
148	64.1	32.5	97.5





#89

n-Butylbenzene

Concen: 56.698 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013183.D

Acq: 23 Oct 2019 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

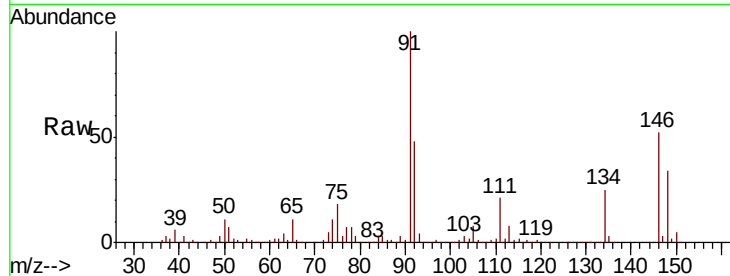
Tot Ion: 91 Resp: 360250

Ion Ratio Lower Upper

91 100

92 52.5 27.7 83.1

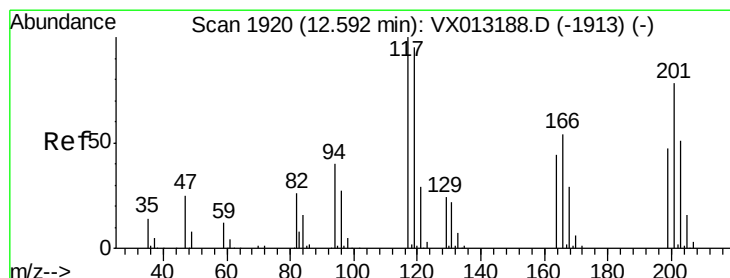
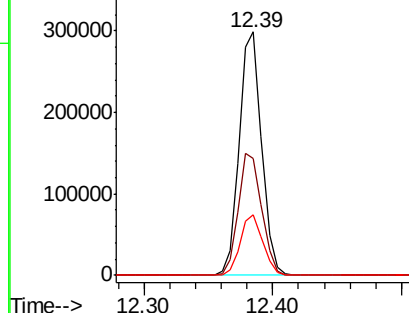
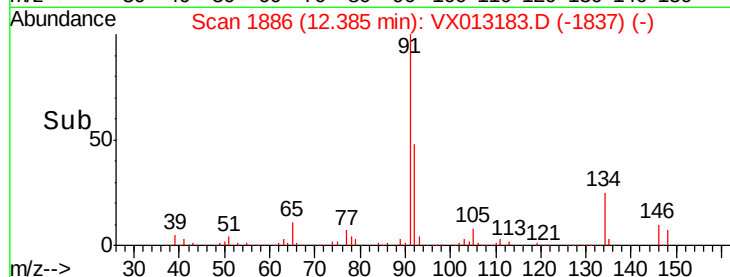
134 25.0 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.392 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013183.D

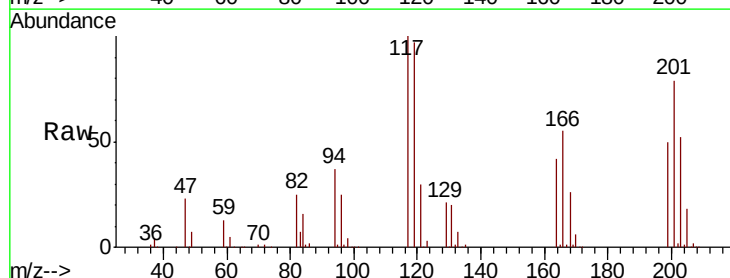
Acq: 23 Oct 2019 09:38

Tgt Ion: 117 Resp: 72051

Ion Ratio Lower Upper

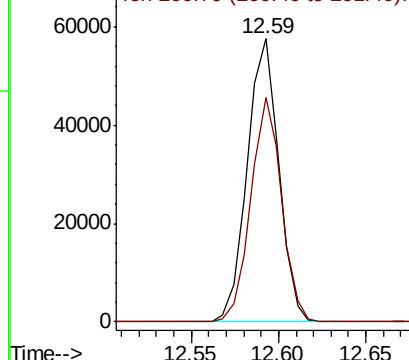
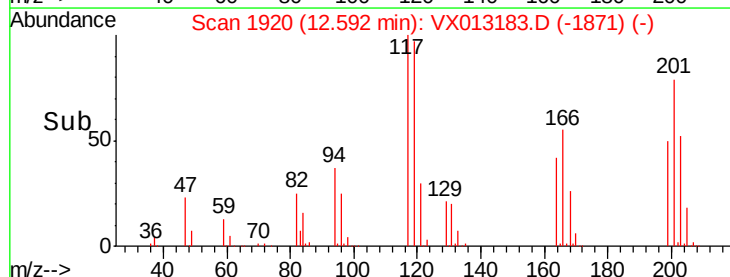
117 100

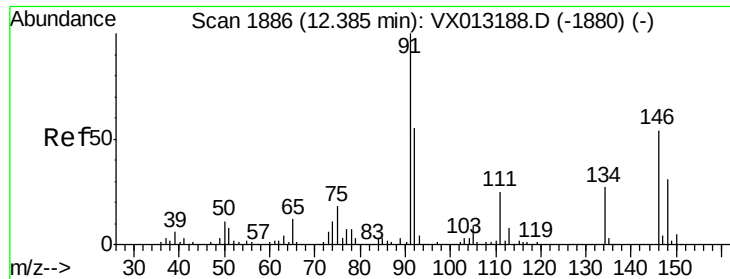
201 77.2 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

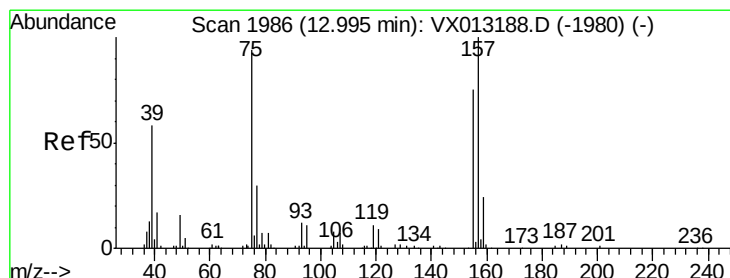
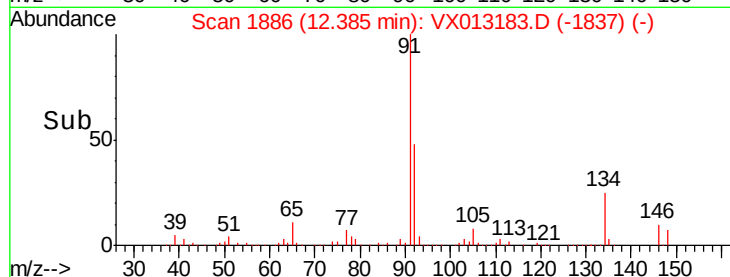
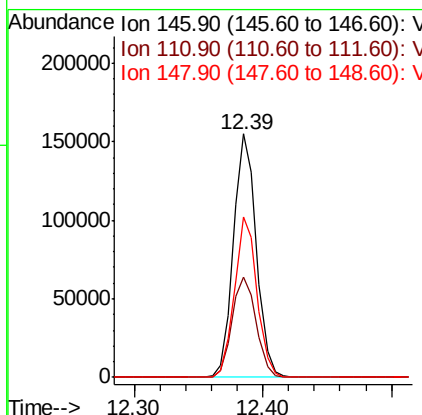
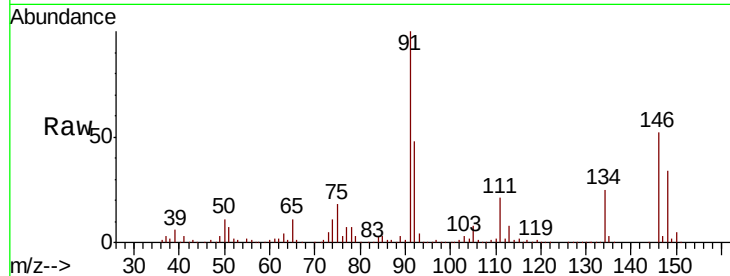




#91
 1,2-Dichlorobenzene
 Concen: 50.979 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

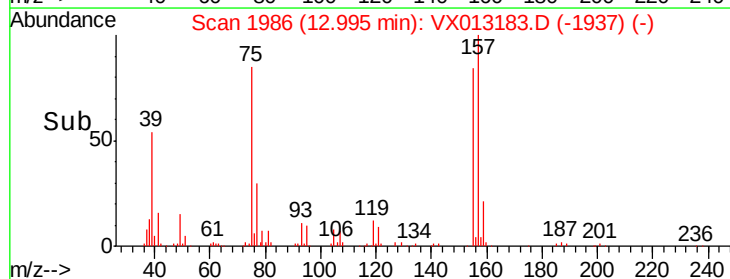
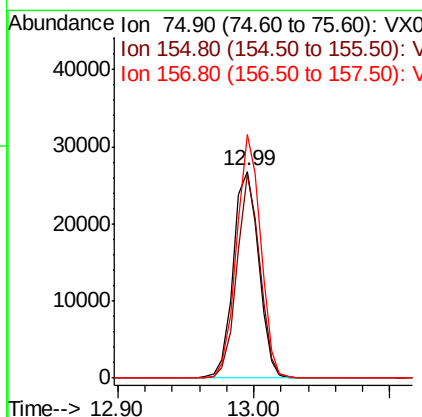
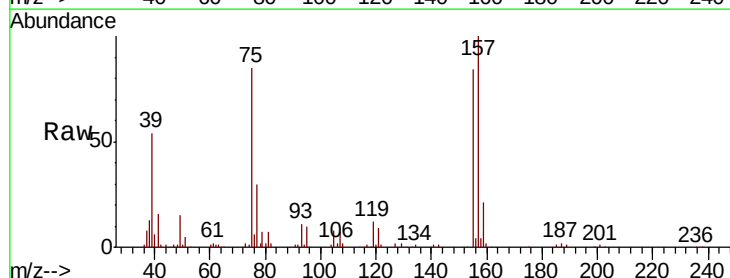
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

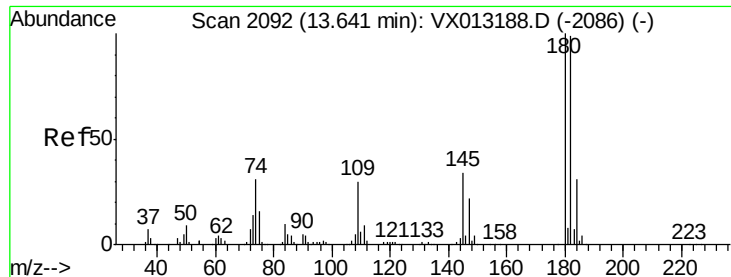
Tot Ion:146 Resp: 191760
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.9 68.8
 148 65.0 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.249 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion: 75 Resp: 34854
 Ion Ratio Lower Upper
 75 100
 155 88.5 42.8 128.4
 157 111.5 54.3 162.8

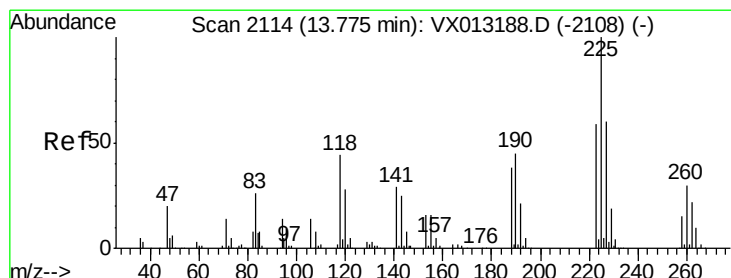
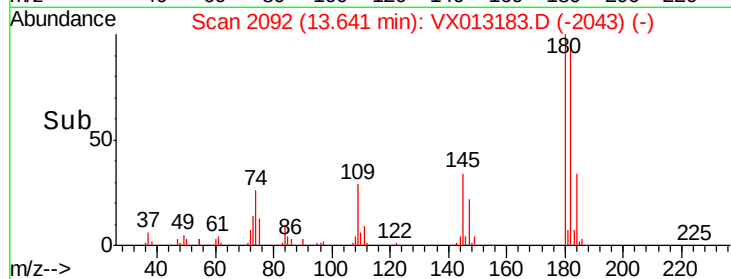
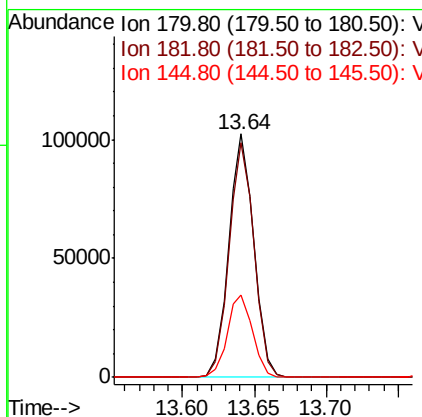
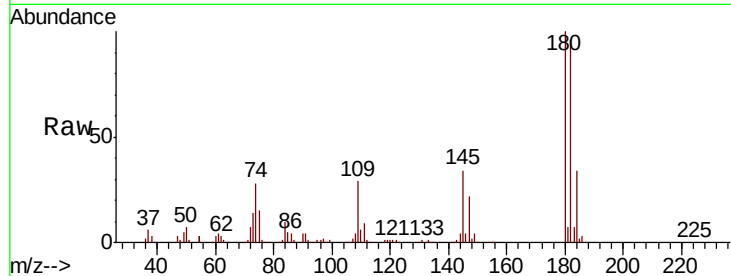




#93
 1,2,4-Trichlorobenzene
 Concen: 52.649 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

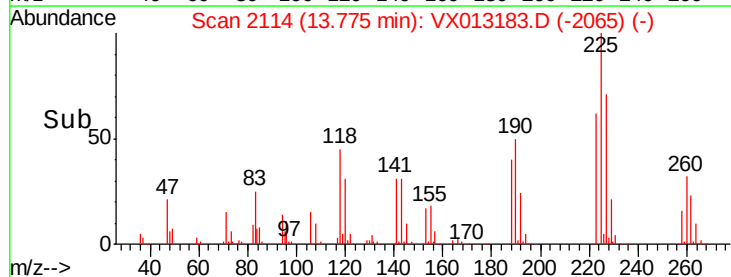
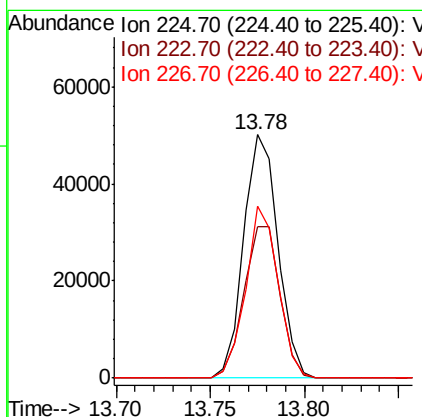
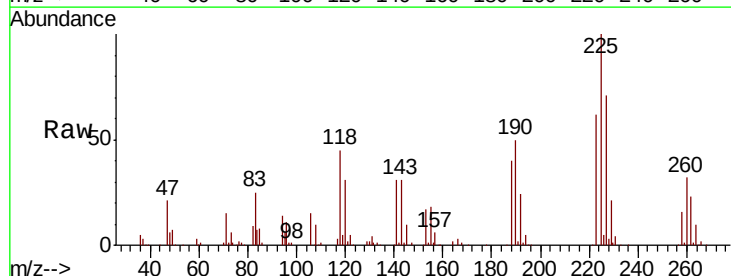
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

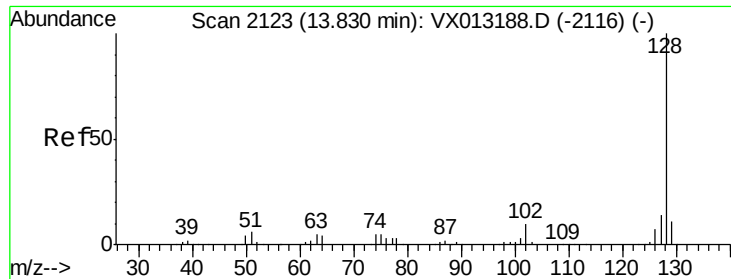
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	45.9	137.6
145	34.3	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 51.713 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013183.D
 Acq: 23 Oct 2019 09:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	30.9	92.5
227	66.8	30.3	90.9

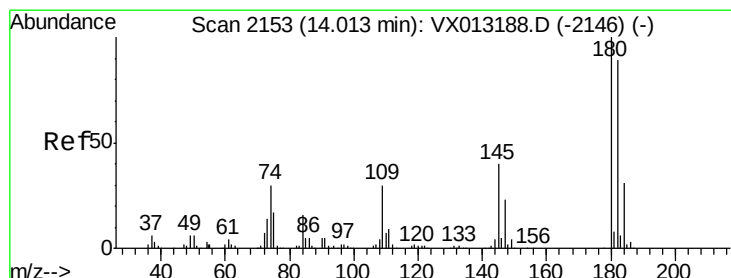
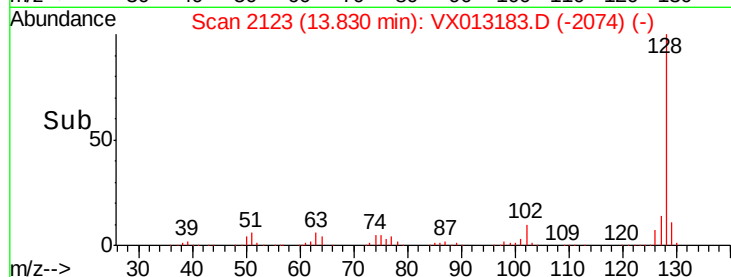
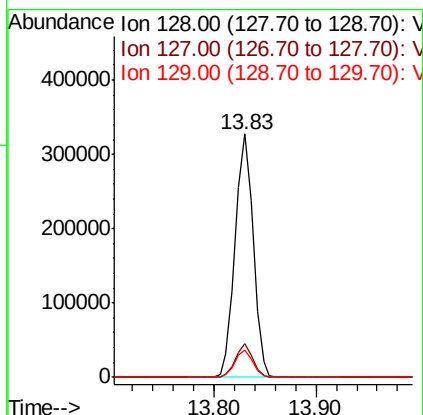
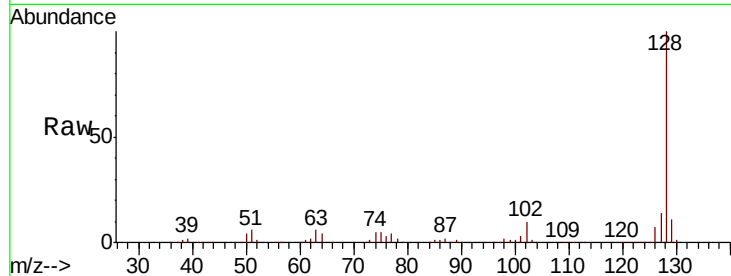




#95
Naphthalene
Concen: 54.761 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 398085
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.344 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013183.D
Acq: 23 Oct 2019 09:38

Tgt Ion:180 Resp: 124855
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 36.5 18.6 55.6

