

Data File : VX013185.D
Acq On : 23 Oct 2019 13:08
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Oct 23 15:35:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	99445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	140491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	140049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	2048	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	
35) Dibromofluoromethane	5.48	113	1381	0.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.68%	
50) Toluene-d8	8.71	98	5562	0.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.86%	
62) 4-Bromofluorobenzene	11.14	95	2272	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	2488	1.217	ug/l	87
3) Chloromethane	1.32	50	2304	1.295	ug/l	94
4) Vinyl Chloride	1.40	62	2176	1.183	ug/l	96
5) Bromomethane	1.63	94	2094	2.129	ug/l #	80
6) Chloroethane	1.72	64	1755	1.405	ug/l #	46
7) Trichlorofluoromethane	1.92	101	3955	1.321	ug/l	97
8) Diethyl Ether	2.17	74	1175	1.143	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2079	1.148	ug/l	91
10) Methyl Iodide	2.50	142	1622	0.744	ug/l #	95
11) Tert butyl alcohol	3.02	59	4505	8.590	ug/l #	84
12) 1,1-Dichloroethene	2.36	96	1996	1.160	ug/l	92
13) Acrolein	2.28	56	1306	4.336	ug/l	96
14) Allyl chloride	2.72	41	3185	1.186	ug/l	98
15) Acrylonitrile	3.13	53	5365	5.629	ug/l	97
16) Acetone	2.43	43	5620	5.634	ug/l #	84
17) Carbon Disulfide	2.56	76	5795	1.259	ug/l	95
18) Methyl Acetate	2.76	43	2906	1.278	ug/l	94
19) Methyl tert-butyl Ether	3.18	73	7157	1.201	ug/l	94
20) Methylene Chloride	2.85	84	2560	1.226	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	2517	1.332	ug/l	89
22) Diisopropyl ether	3.84	45	6373	1.217	ug/l #	97
23) Vinyl Acetate	3.80	43	23833	5.231	ug/l	99
24) 1,1-Dichloroethane	3.69	63	3914	1.220	ug/l	97
25) 2-Butanone	4.66	43	7320	5.380	ug/l	94
26) 2,2-Dichloropropane	4.56	77	3455	1.195	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	2432	1.151	ug/l	91
28) Bromochloromethane	5.00	49	778	0.907	ug/l #	99
29) Tetrahydrofuran	5.12	42	4856	5.949	ug/l	96
30) Chloroform	5.19	83	4102	1.183	ug/l	99
31) Cyclohexane	5.55	56	3584	1.288	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	3333	1.072	ug/l	91
36) 1,1-Dichloropropene	5.79	75	3351	1.331	ug/l	98
37) Ethyl Acetate	4.83	43	2977	1.197	ug/l #	94
38) Carbon Tetrachloride	5.77	117	3215	1.252	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Oct 23 15:35:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	3809	1.276	ug/l	92
40) Benzene	6.13	78	8618	1.204	ug/l #	88
41) Methacrylonitrile	5.03	41	1416	1.075	ug/l #	91
42) 1,2-Dichloroethane	6.18	62	3136	1.166	ug/l	89
43) Isopropyl Acetate	6.44	43	4370	1.101	ug/l	98
44) Trichloroethene	7.20	130	2518	1.242	ug/l	94
45) 1,2-Dichloropropane	7.51	63	2285	1.286	ug/l	96
46) Dibromomethane	7.65	93	1652	1.317	ug/l	94
47) Bromodichloromethane	7.89	83	2806	1.136	ug/l	90
48) Methyl methacrylate	7.76	41	2177	1.131	ug/l	96
49) 1,4-Dioxane	7.73	88	1132	21.597	ug/l #	91
51) 4-Methyl-2-Pentanone	8.64	43	13435	5.524	ug/l	95
52) Toluene	8.78	92	6018	1.303	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	2664	1.007	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	2994	1.026	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	2122	1.136	ug/l #	86
56) Ethyl methacrylate	9.17	69	2856	0.999	ug/l	98
57) 1,3-Dichloropropane	9.37	76	3956	1.281	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.31	63	4398	3.920	ug/l	99
59) 2-Hexanone	9.49	43	9971	5.227	ug/l	100
60) Dibromochloromethane	9.58	129	2063	1.076	ug/l	92
61) 1,2-Dibromoethane	9.67	107	2320	1.162	ug/l	96
64) Tetrachloroethene	9.33	164	2512	1.321	ug/l	99
65) Chlorobenzene	10.13	112	5945	1.215	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	2086	1.164	ug/l	95
67) Ethyl Benzene	10.25	91	10310	1.179	ug/l	99
68) m/p-Xylenes	10.35	106	8058	2.438	ug/l	95
69) o-Xylene	10.70	106	3689	1.146	ug/l	98
70) Styrene	10.71	104	6288	1.160	ug/l	97
71) Bromoform	10.85	173	1325	1.024	ug/l #	98
73) Isopropylbenzene	11.01	105	10157	1.230	ug/l	98
74) N-amyl acetate	10.89	43	3438	1.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	3031	1.185	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	3671	1.720	ug/l	88
77) Bromobenzene	11.25	156	2418	1.238	ug/l	95
78) n-propylbenzene	11.35	91	10931	1.235	ug/l	97
79) 2-Chlorotoluene	11.42	91	7063	1.240	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	7703	1.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	854	1.023	ug/l	95
82) 4-Chlorotoluene	11.51	91	7711	1.188	ug/l	100
83) tert-Butylbenzene	11.76	119	8338	1.235	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	7934	1.120	ug/l	97
85) sec-Butylbenzene	11.94	105	8888	1.144	ug/l	98
86) p-Isopropyltoluene	12.06	119	8235	1.128	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	4178	1.146	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	4178	1.129	ug/l	96
89) n-Butylbenzene	12.39	91	6312	1.046	ug/l	92
90) Hexachloroethane	12.59	117	1286	1.035	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	4529	1.278	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	733	1.186	ug/l	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102419\
Quantitation Report (Not Reviewed)

Data File : VX013185.D
Acq On : 23 Oct 2019 13:08
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	2702	1.201	ug/l	95
94) Hexachlorobutadiene	13.78	225	1480	1.298	ug/l	92
95) Naphthalene	13.83	128	6908	0.982	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2469	1.093	ug/l	95

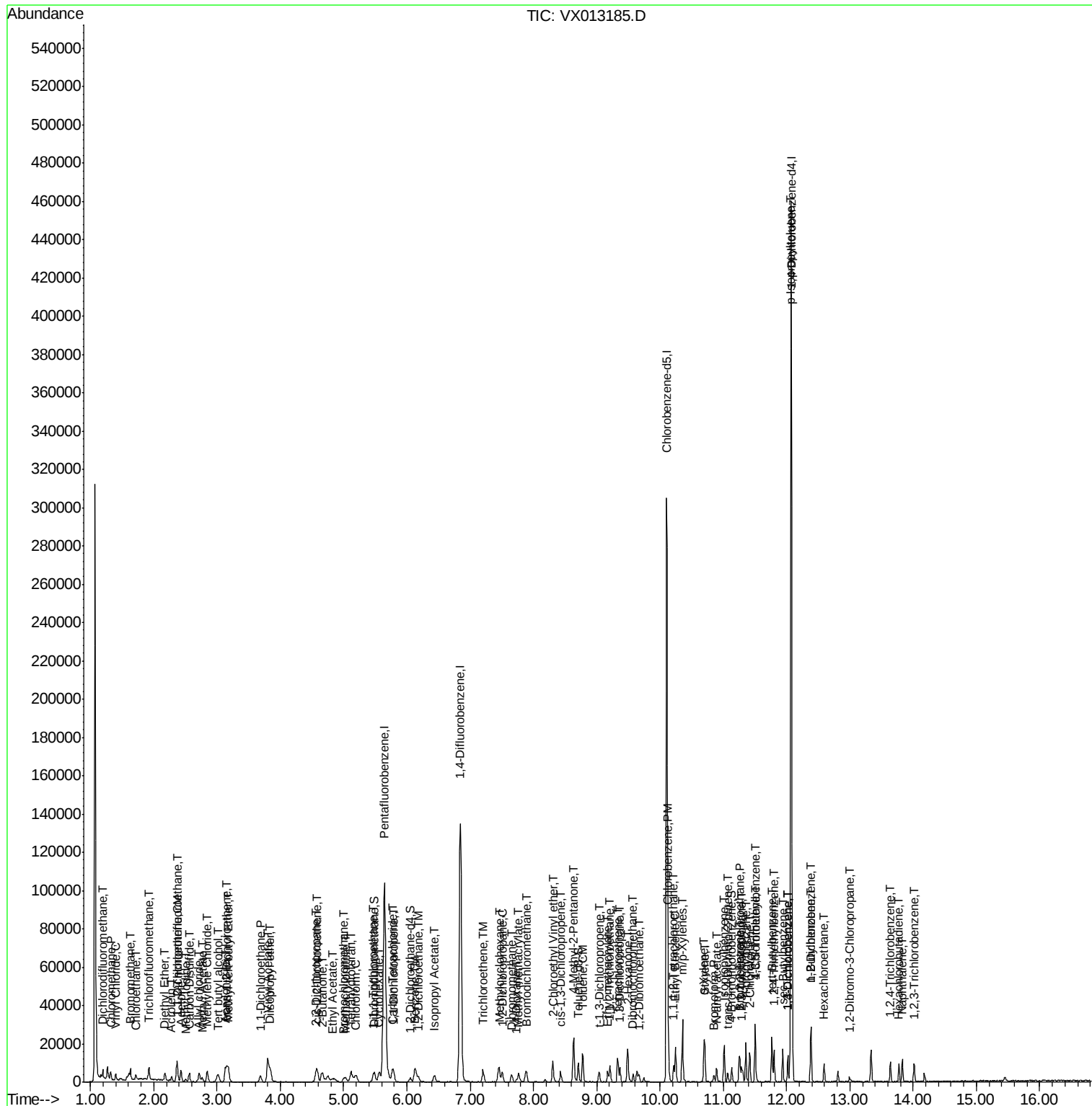
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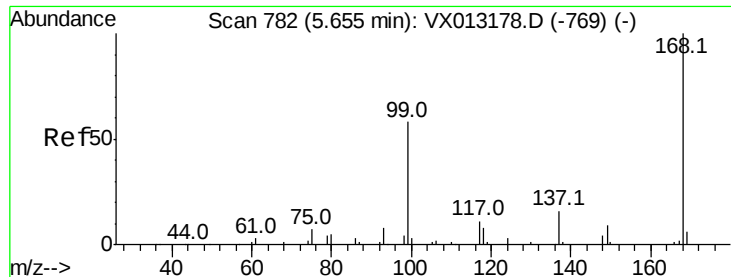
Data File : VX013185.D

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Acq On       : 23 Oct 2019   13:08
Operator    : JC/SP
Sample      : VSTDIC001
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 4      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Oct 23 15:35:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

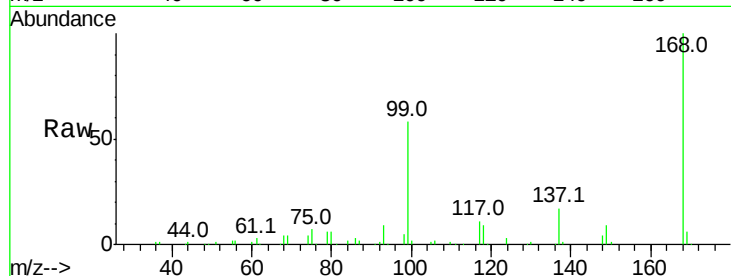
VSTDIC001

Tgt Ion:168 Resp: 99445

Ion Ratio Lower Upper

168 100

99 57.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

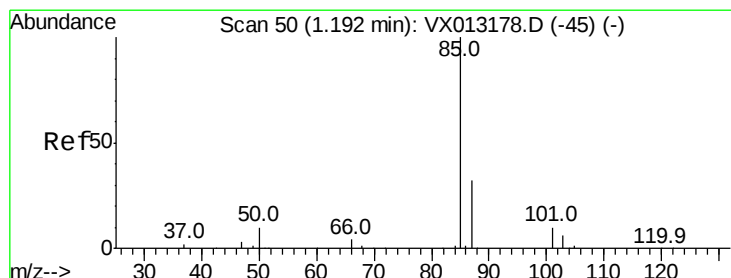
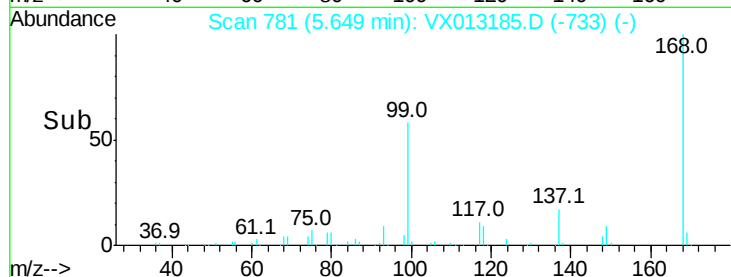
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.217 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013185.D

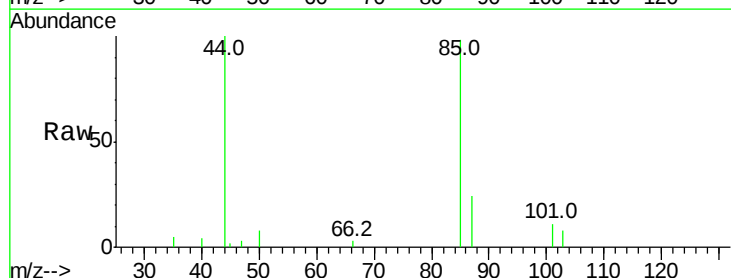
Acq: 23 Oct 2019 13:08

Tgt Ion: 85 Resp: 2488

Ion Ratio Lower Upper

85 100

87 24.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

2500

2000

1500

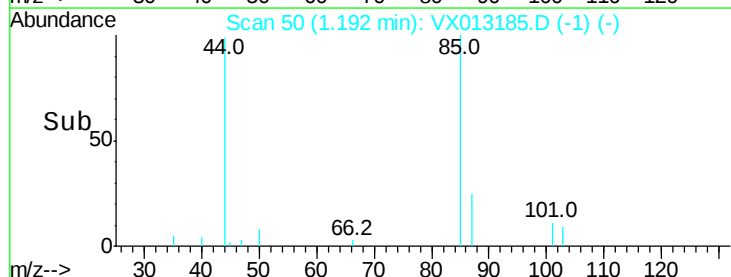
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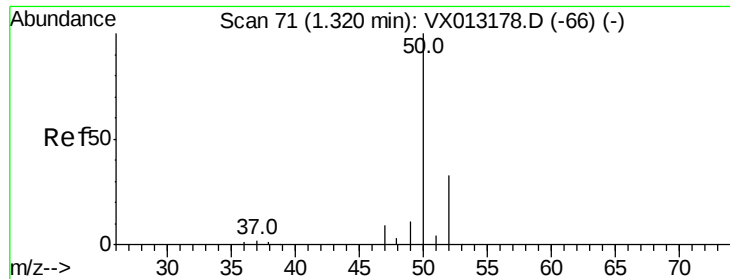
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.295 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

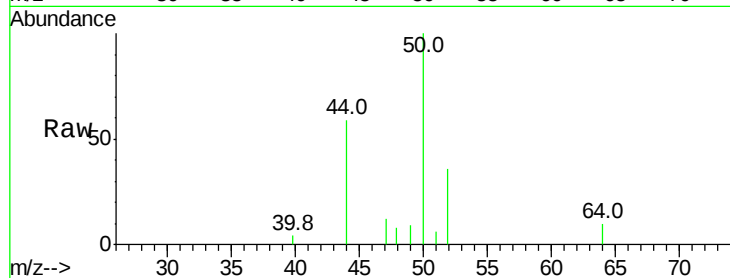
VSTDIC001

Tgt Ion: 50 Resp: 2304

Ion Ratio Lower Upper

50 100

52 36.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2500

2000

1500

1000

500

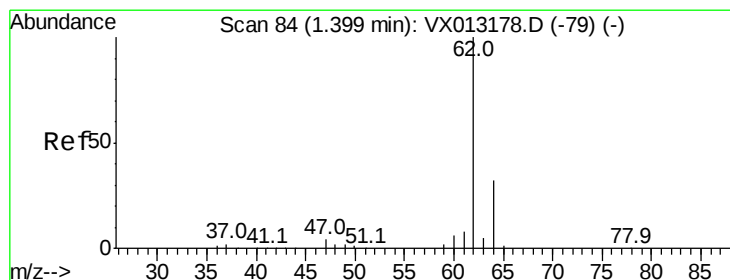
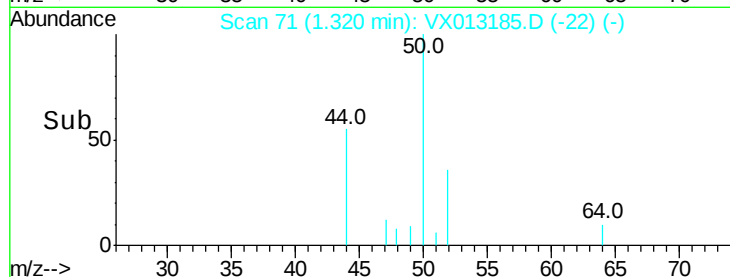
0

1.30

1.32

1.35

Time-->



#4

Vinyl Chloride

Concen: 1.183 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013185.D

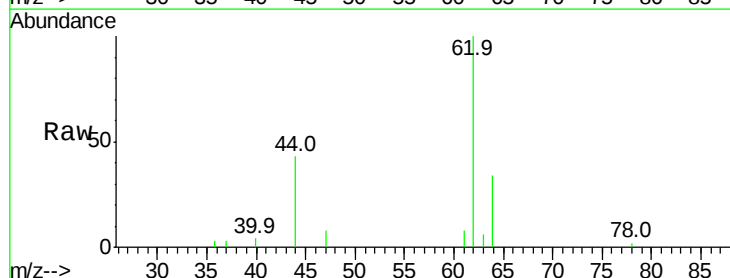
Acq: 23 Oct 2019 13:08

Tgt Ion: 62 Resp: 2176

Ion Ratio Lower Upper

62 100

64 33.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

2500

2000

1500

1000

500

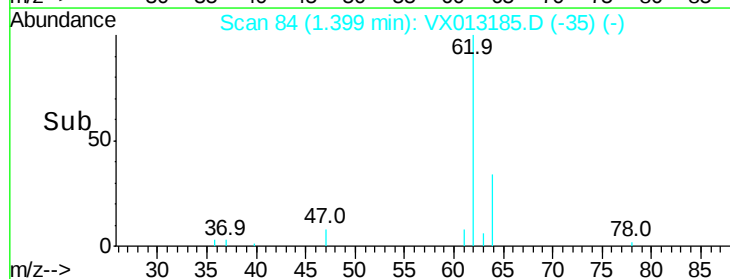
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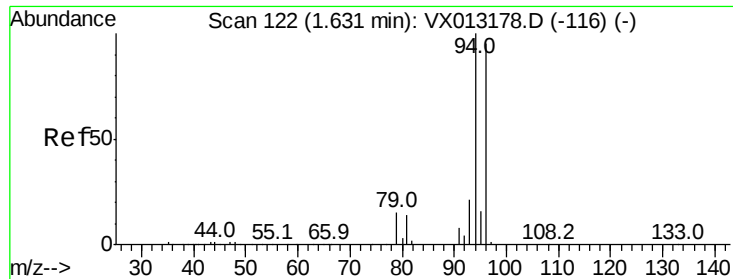
1.35

1.40

1.45

Time-->





#5

Bromomethane

Concen: 2.129 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

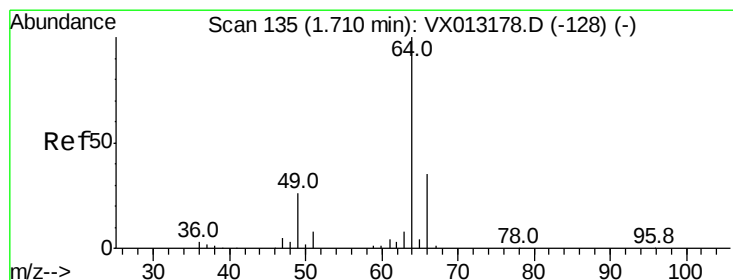
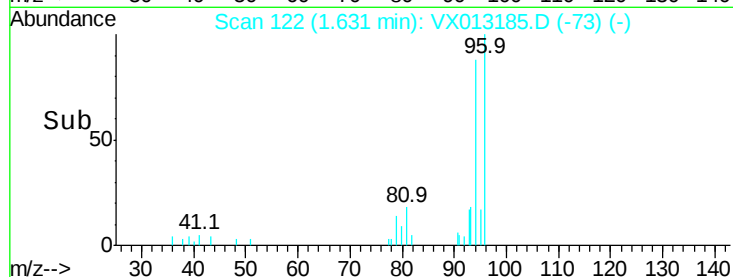
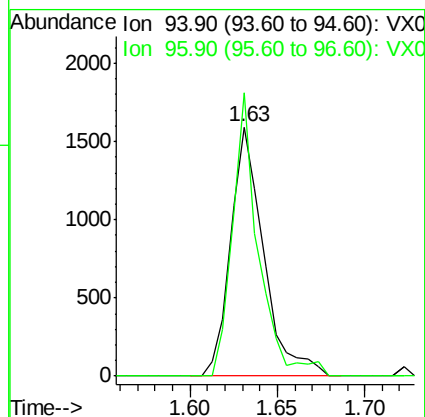
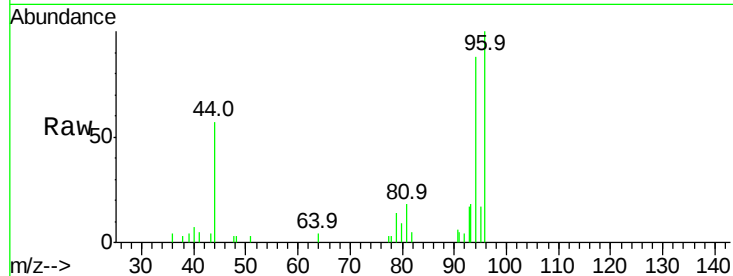
VSTDIC001

Tgt Ion: 94 Resp: 2094

Ion Ratio Lower Upper

94 100

96 113.8 75.8 113.6#



#6

Chloroethane

Concen: 1.405 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013185.D

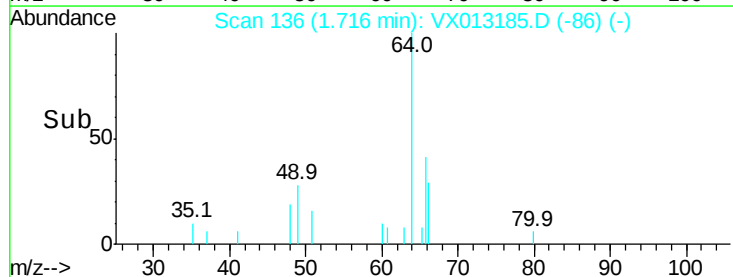
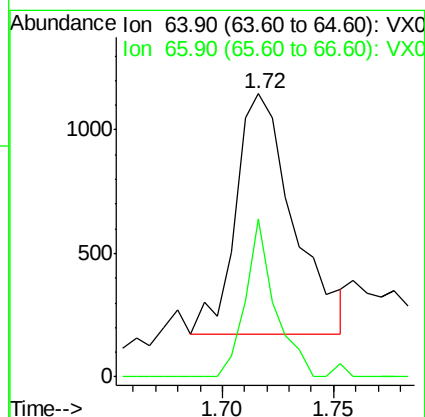
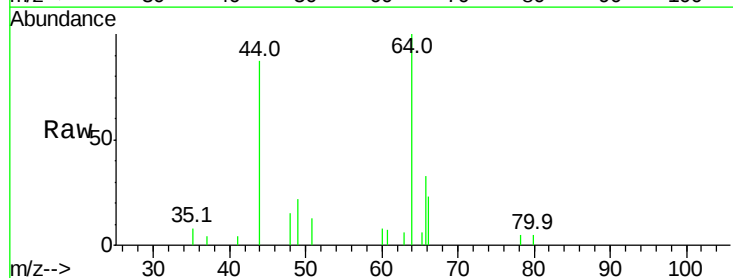
Acq: 23 Oct 2019 13:08

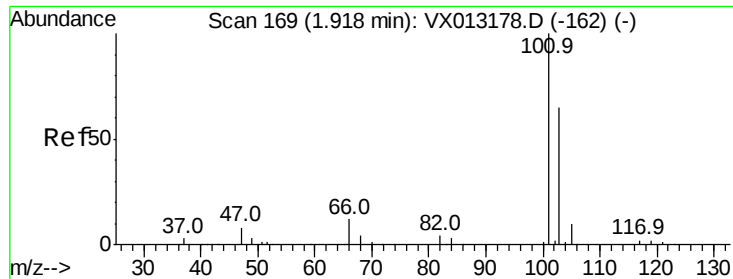
Tgt Ion: 64 Resp: 1755

Ion Ratio Lower Upper

64 100

66 66.0 27.8 41.8#





#7

Trichlorofluoromethane

Concen: 1.321 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX013185.D

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Instrument :

MSVOA_X

ClientSampleId :

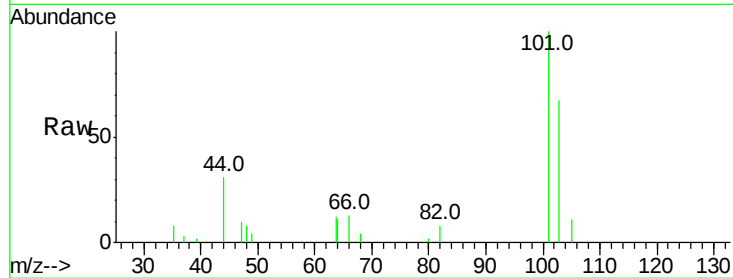
VSTDIC001

Tgt Ion:101 Resp: 3955

Ion Ratio Lower Upper

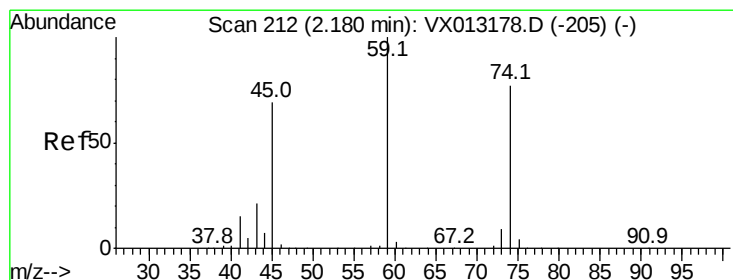
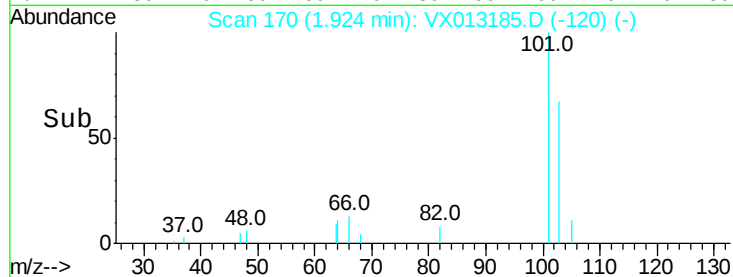
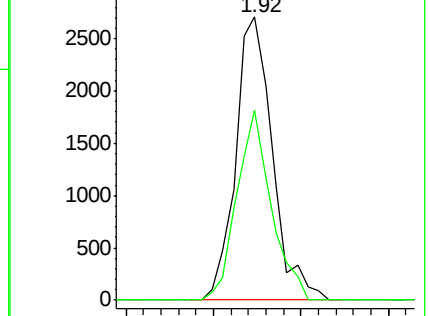
101 100

103 67.0 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.143 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX013185.D

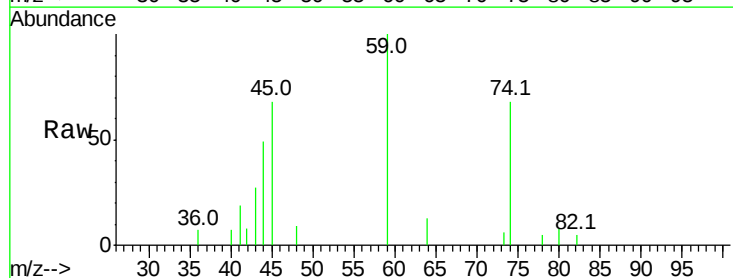
Acq: 23 Oct 2019 13:08

Tgt Ion: 74 Resp: 1175

Ion Ratio Lower Upper

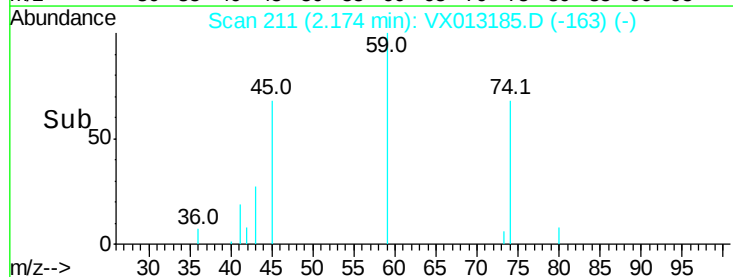
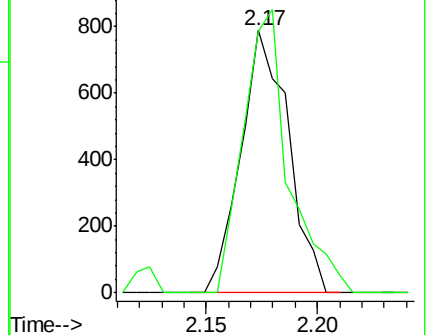
74 100

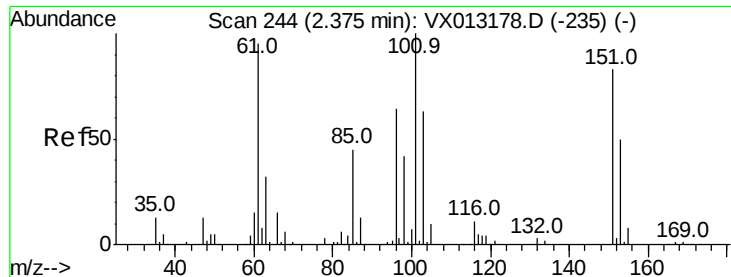
45 103.3 44.1 132.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.148 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013185.D

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MSVOA_X

ClientSampleId :

VSTDIC001

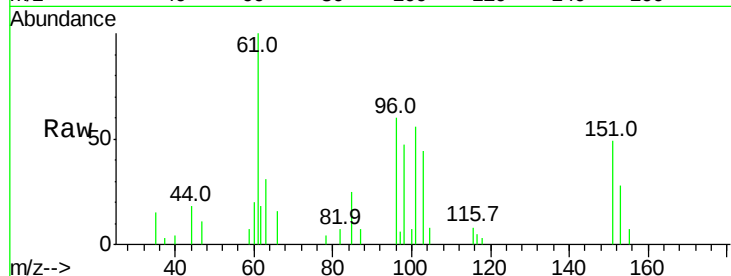
Tgt Ion:101 Resp: 2079

Ion Ratio Lower Upper

101 100

85 49.9 35.0 52.4

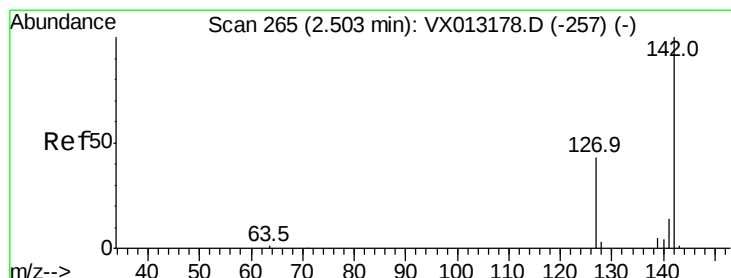
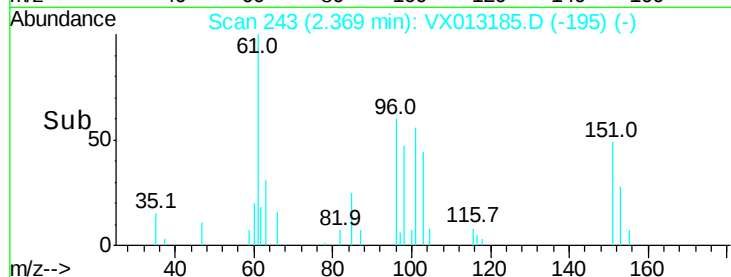
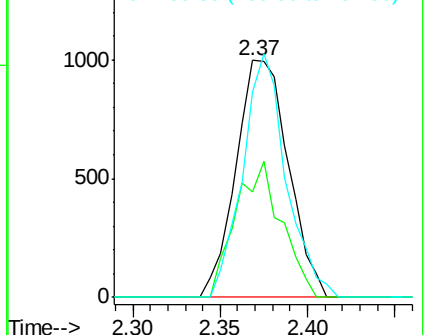
151 85.3 62.5 93.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.744 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

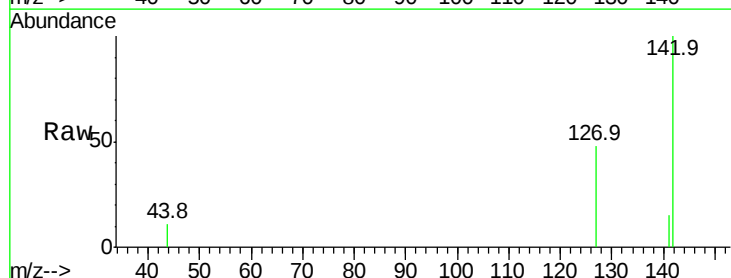
Tgt Ion:142 Resp: 1622

Ion Ratio Lower Upper

142 100

127 44.1 36.2 54.4

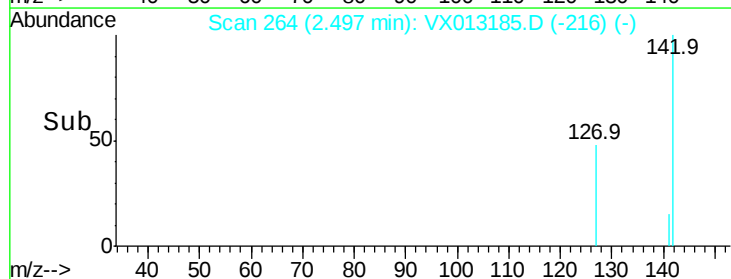
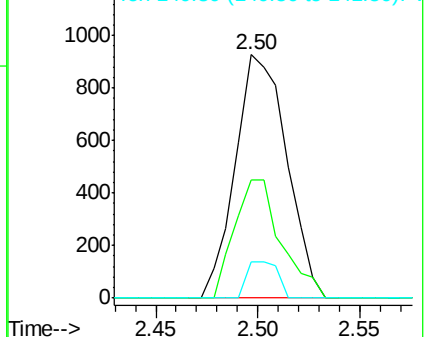
141 9.0 11.8 17.6#

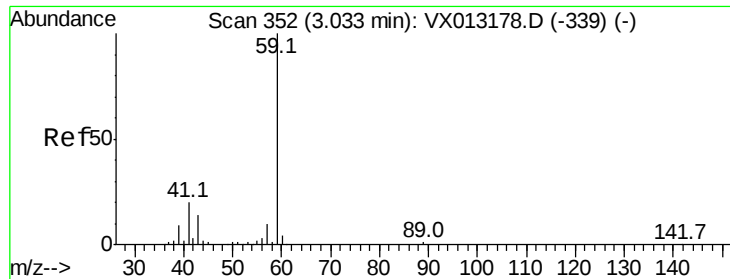


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



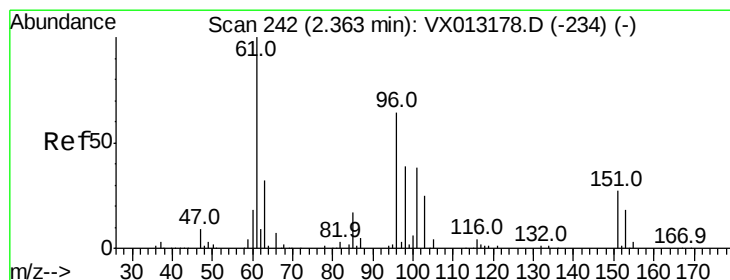
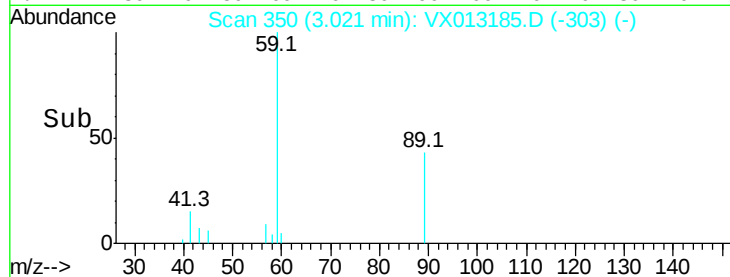
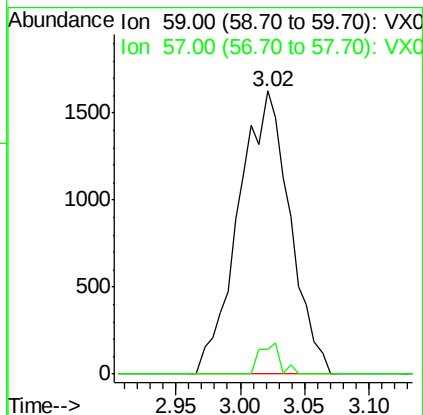
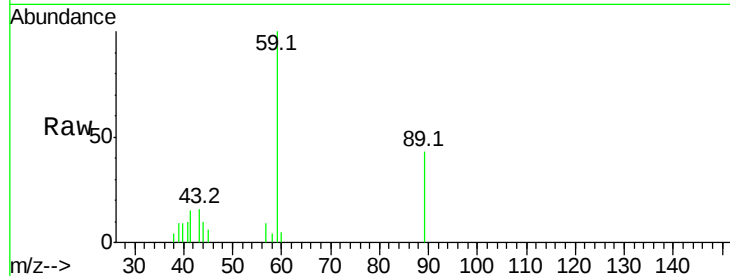


#11

Tert butyl alcohol
 Concen: 8.590 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

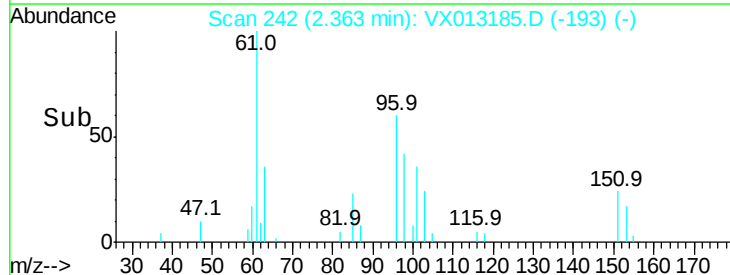
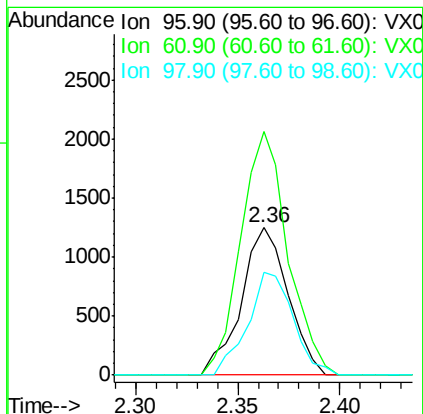
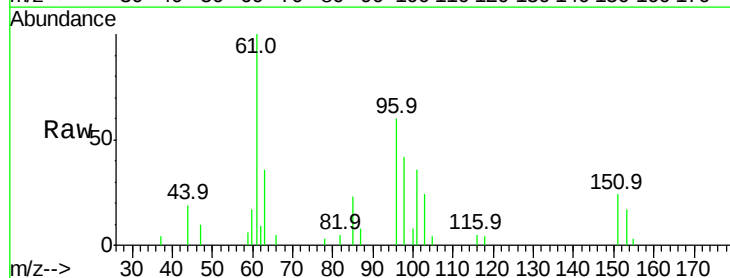
Tgt Ion: 59 Resp: 4505
 Ion Ratio Lower Upper
 59 100
 57 4.2 8.2 12.2#

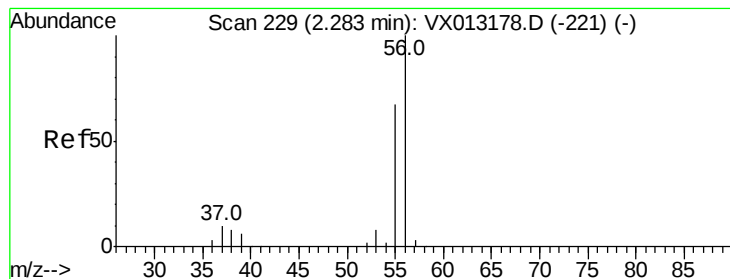


#12

1,1-Dichloroethene
 Concen: 1.160 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion: 96 Resp: 1996
 Ion Ratio Lower Upper
 96 100
 61 165.6 125.4 188.2
 98 69.7 49.0 73.6





#13

Acrolein

Concen: 4.336 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampled :

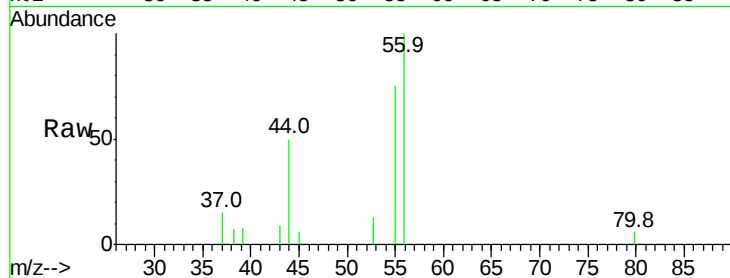
VSTDIC001

Tgt Ion: 56 Resp: 1306

Ion Ratio Lower Upper

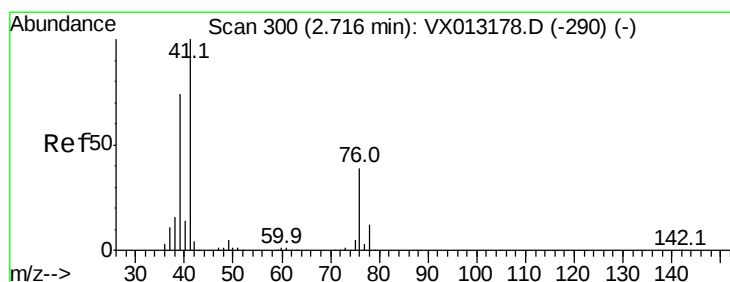
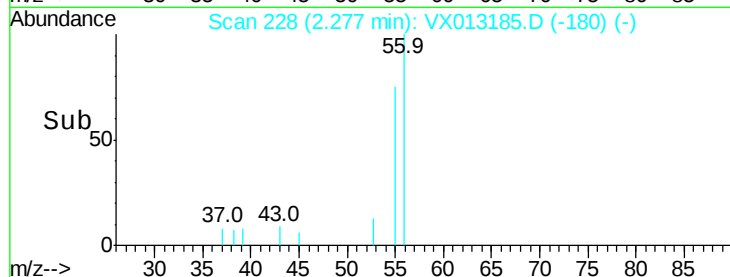
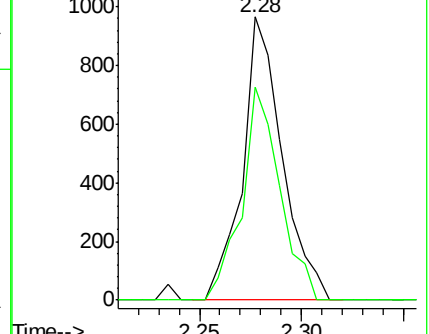
56 100

55 71.8 55.0 82.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.186 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

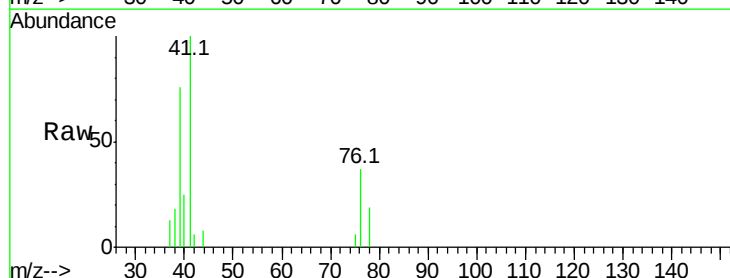
Tgt Ion: 41 Resp: 3185

Ion Ratio Lower Upper

41 100

39 67.6 54.2 81.4

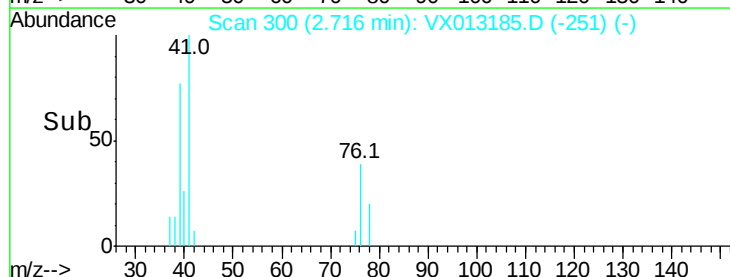
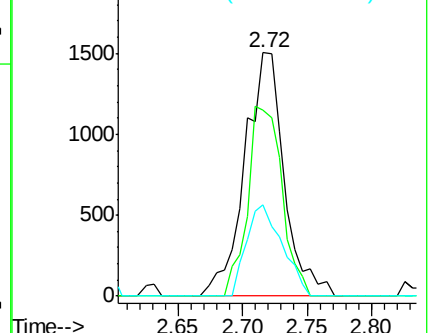
76 33.8 29.1 43.7

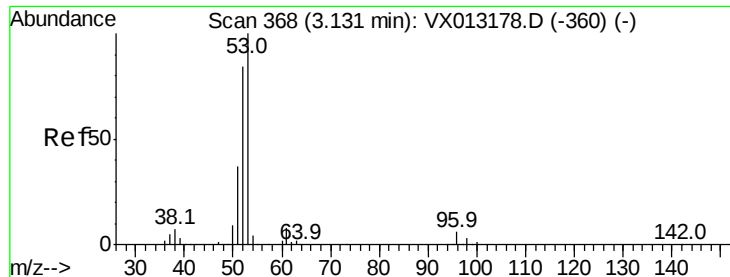


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.629 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

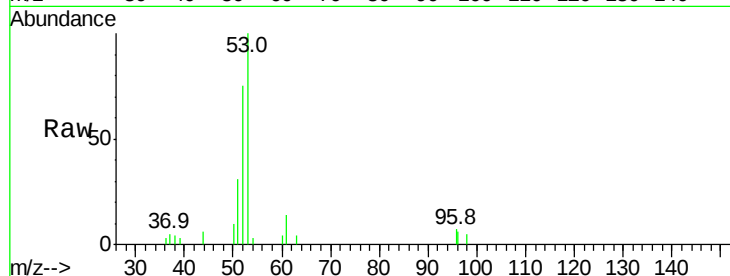
Tgt Ion: 53 Resp: 5365

Ion Ratio Lower Upper

53 100

52 82.0 66.9 100.3

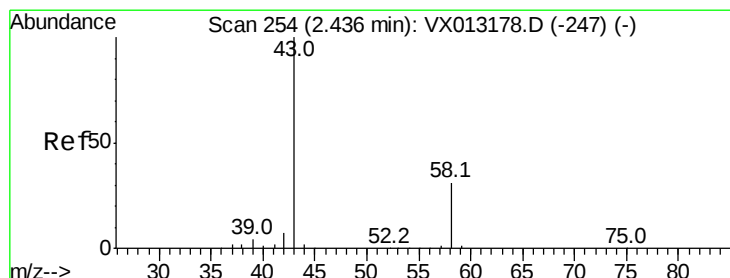
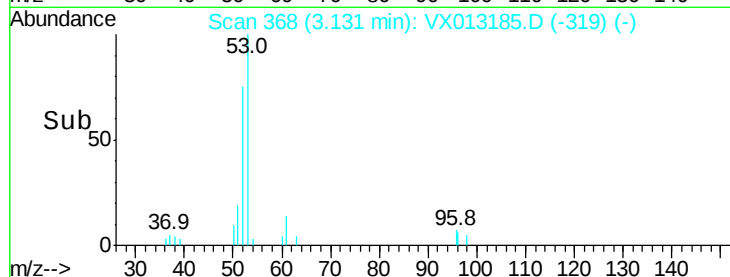
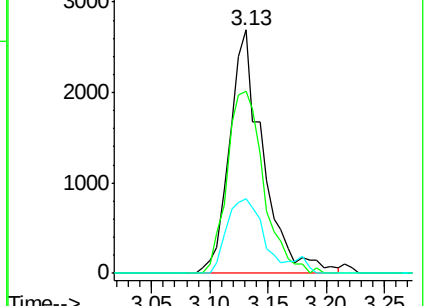
51 33.5 29.9 44.9



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: 5.634 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013185.D

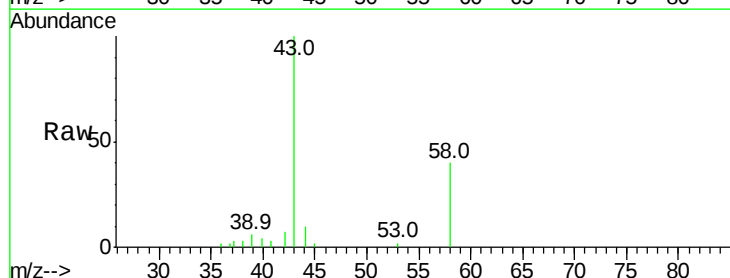
Acq: 23 Oct 2019 13:08

Tgt Ion: 43 Resp: 5620

Ion Ratio Lower Upper

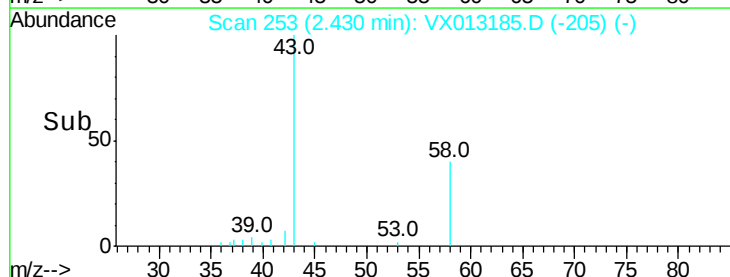
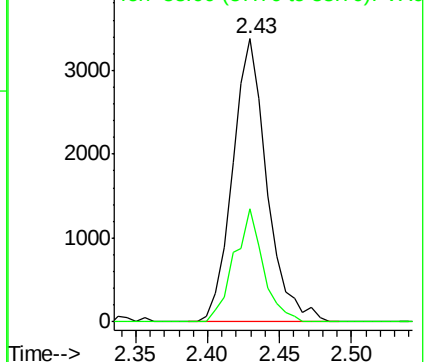
43 100

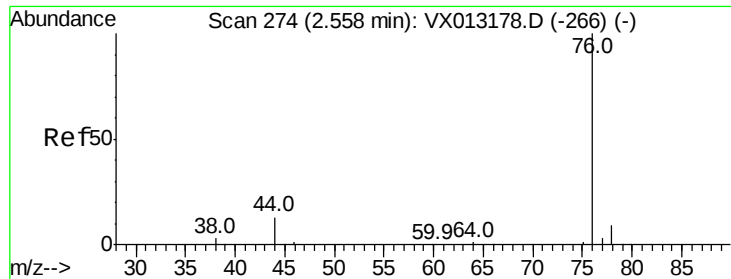
58 40.1 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

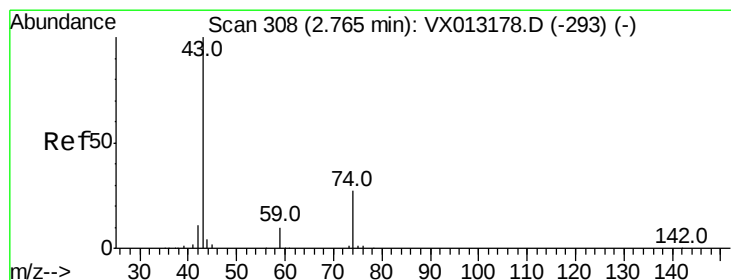
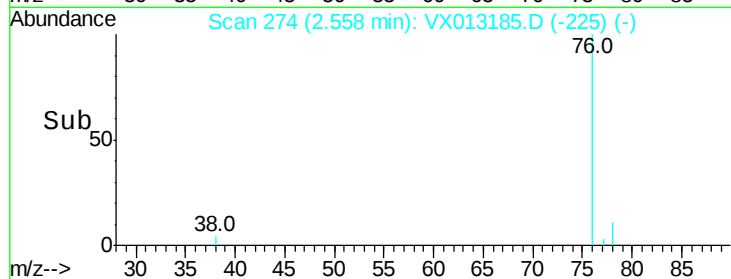
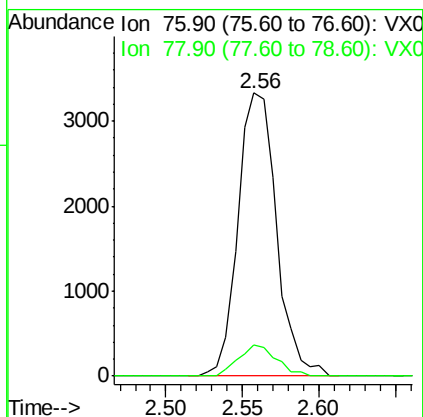
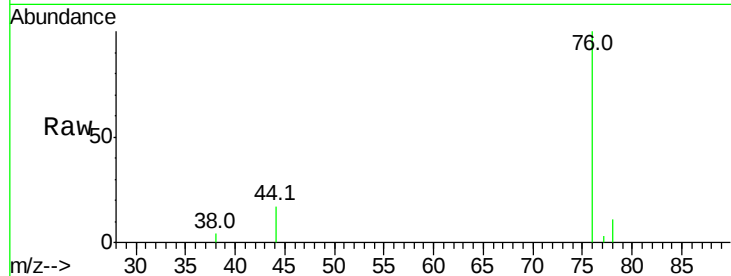




#17
Carbon Disulfide
Concen: 1.259 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

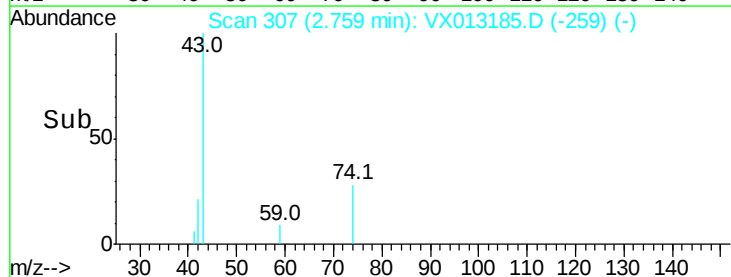
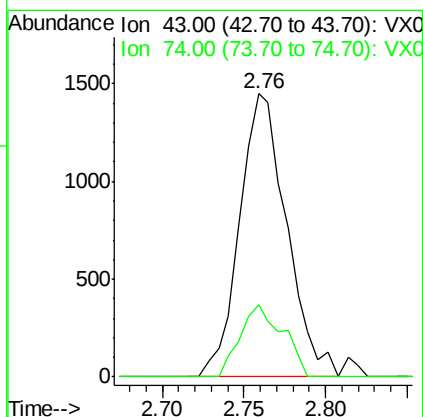
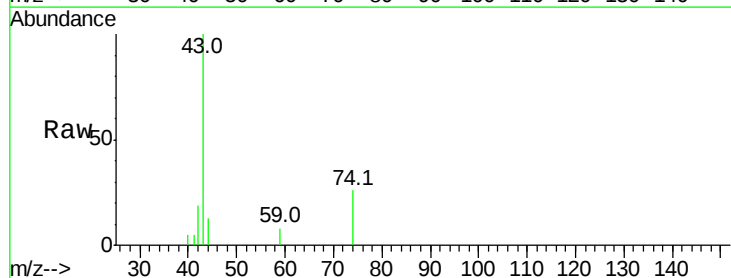
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

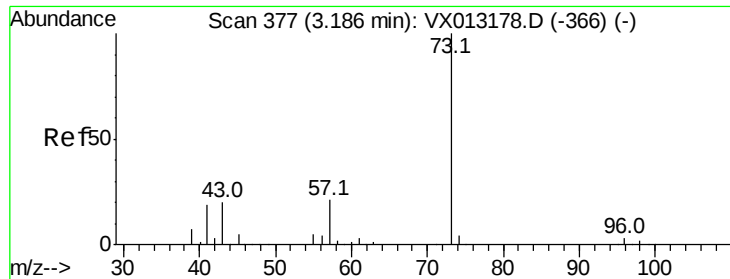
Tgt Ion: 76 Resp: 5795
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2



#18
Methyl Acetate
Concen: 1.278 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
74 23.0 21.0 31.4



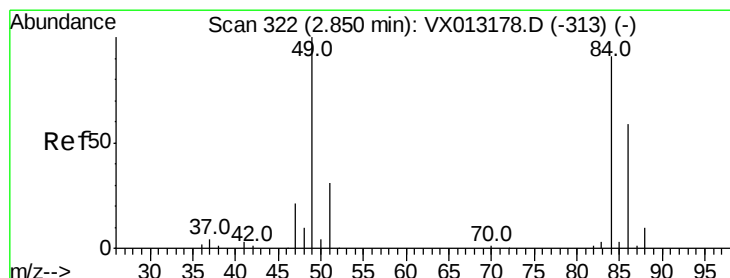
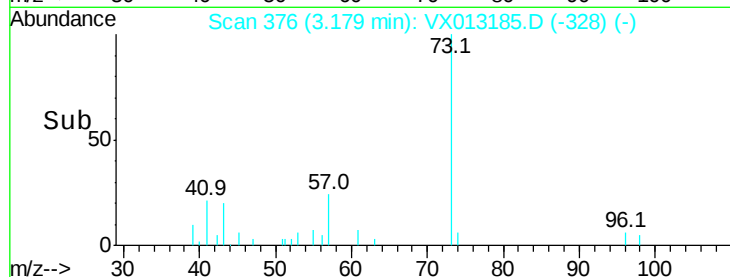
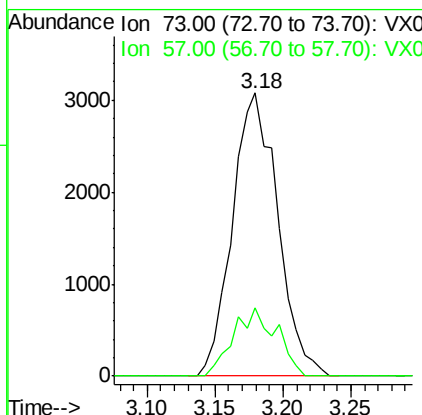
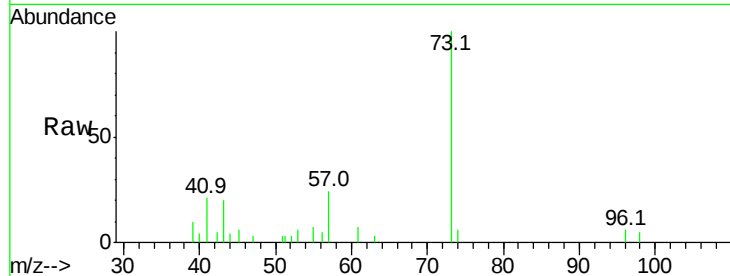


#19

Methyl tert-butyl Ether
 Concen: 1.201 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

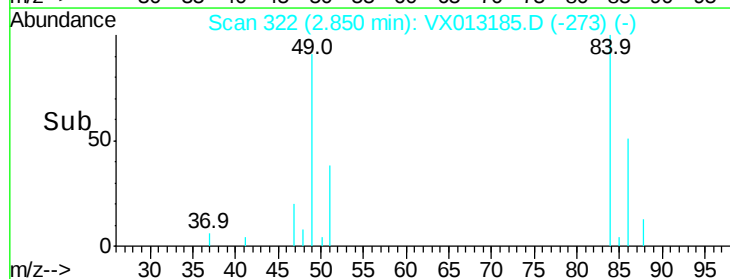
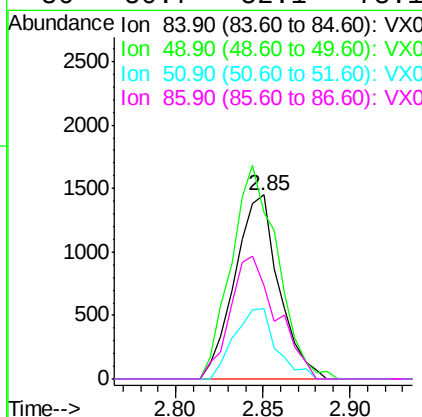
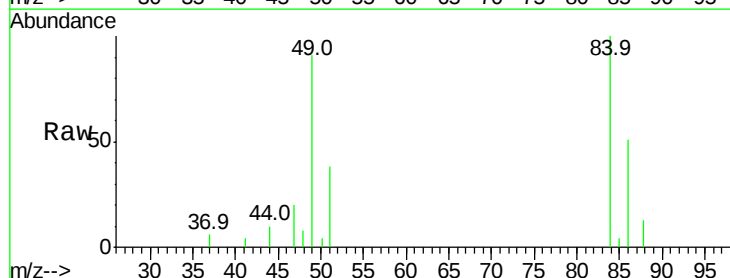
Tgt Ion: 73 Resp: 7157
 Ion Ratio Lower Upper
 73 100
 57 24.1 17.1 25.7

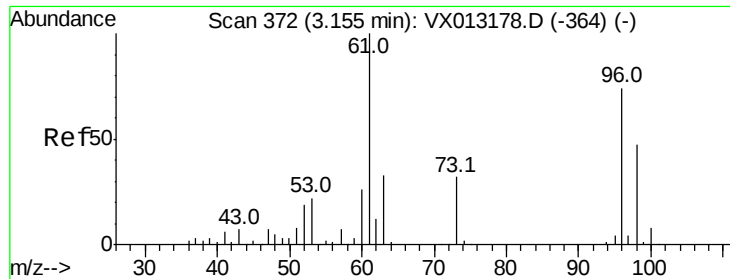


#20

Methylene Chloride
 Concen: 1.226 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion: 84 Resp: 2560
 Ion Ratio Lower Upper
 84 100
 49 90.7 87.8 131.6
 51 38.4 27.0 40.6
 86 50.7 52.1 78.1#





#21

trans-1,2-Dichloroethene

Concen: 1.332 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

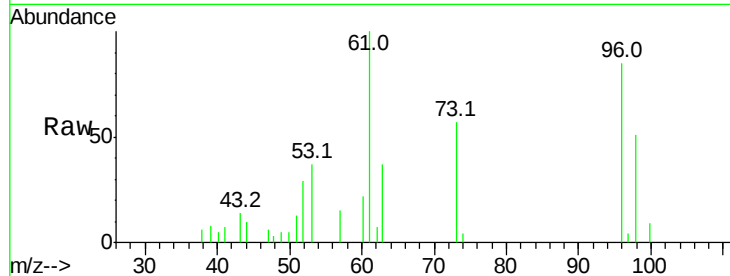
Tgt Ion: 96 Resp: 2517

Ion Ratio Lower Upper

96 100

61 118.2 108.1 162.1

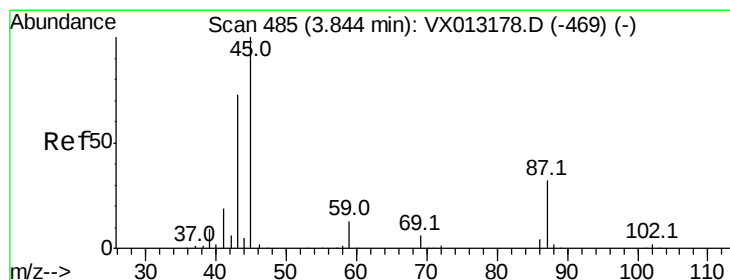
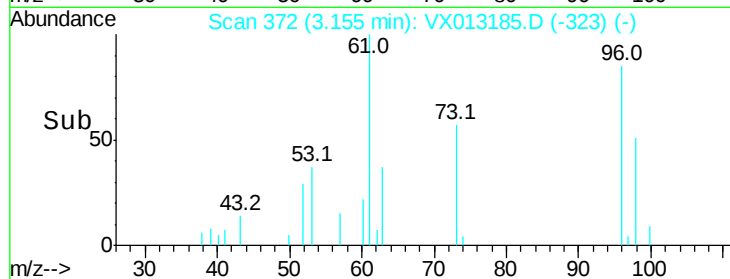
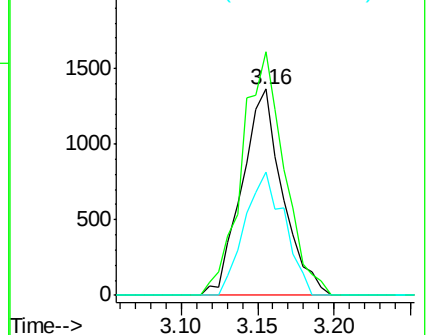
98 59.8 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.217 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Tgt Ion: 45 Resp: 6373

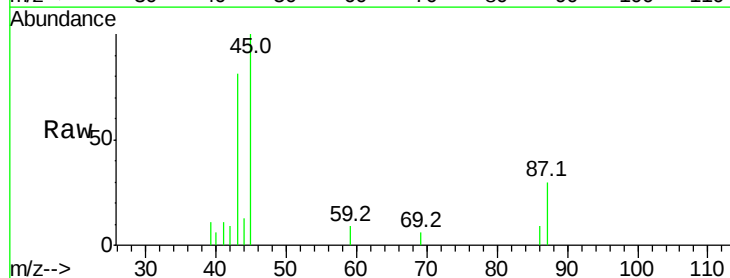
Ion Ratio Lower Upper

45 100

43 71.3 58.1 87.1

87 30.0 25.9 38.9

59 8.9 10.1 15.1#

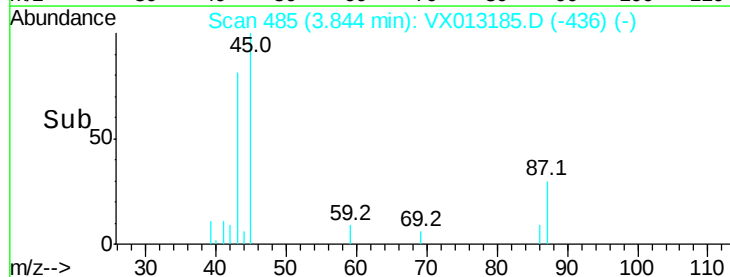
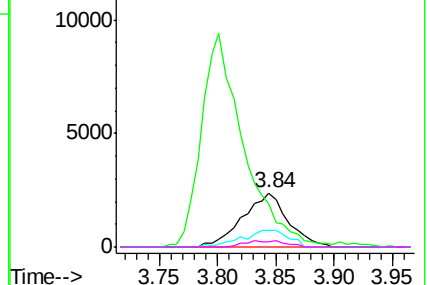


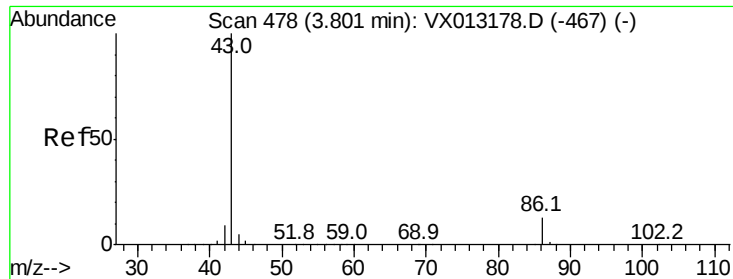
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.231 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

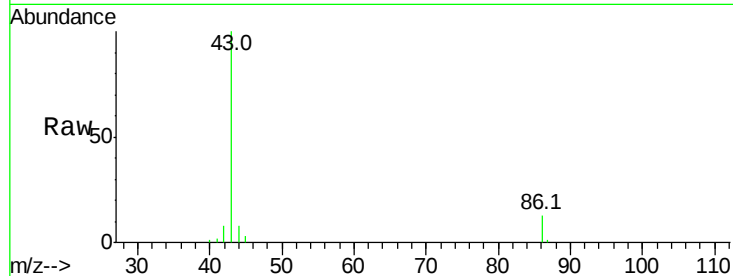
VSTDIC001

Tgt Ion: 43 Resp: 23833

Ion Ratio Lower Upper

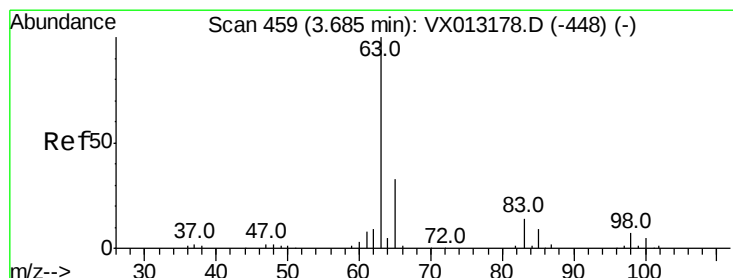
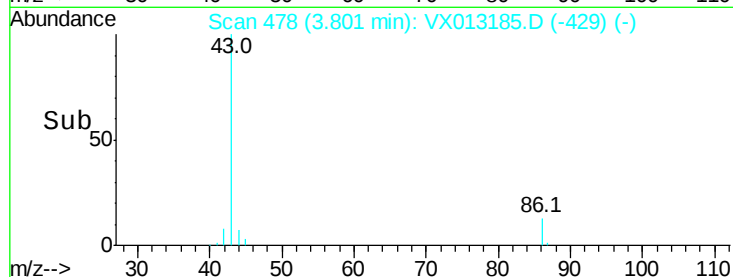
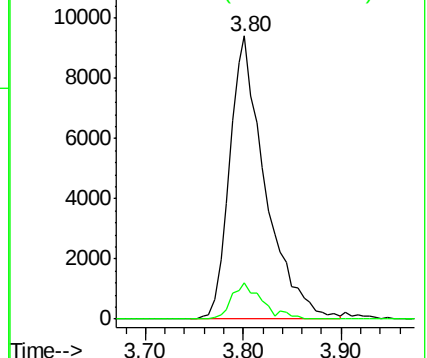
43 100

86 12.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.220 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

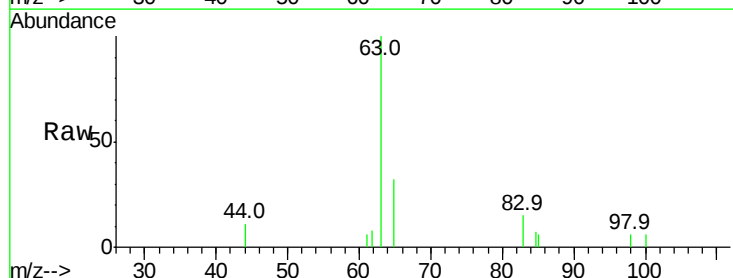
Tgt Ion: 63 Resp: 3914

Ion Ratio Lower Upper

63 100

98 6.5 3.7 11.1

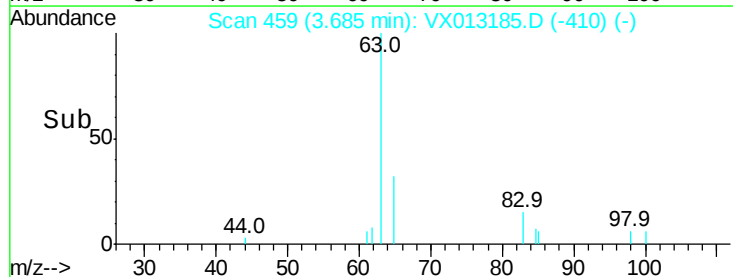
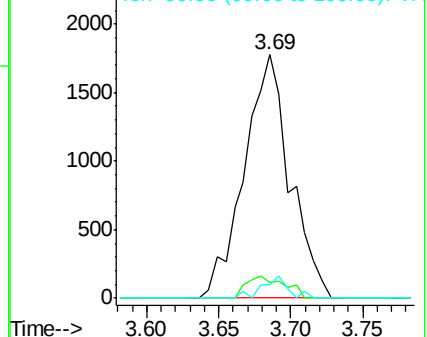
100 5.7 2.5 7.4

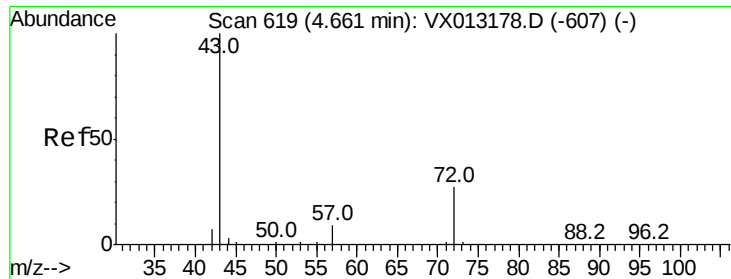


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.380 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampled :

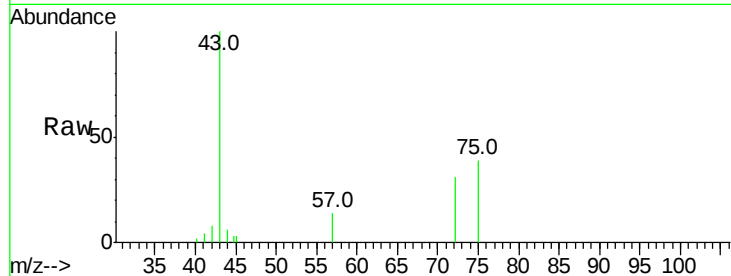
VSTDIC001

Tgt Ion: 43 Resp: 7320

Ion Ratio Lower Upper

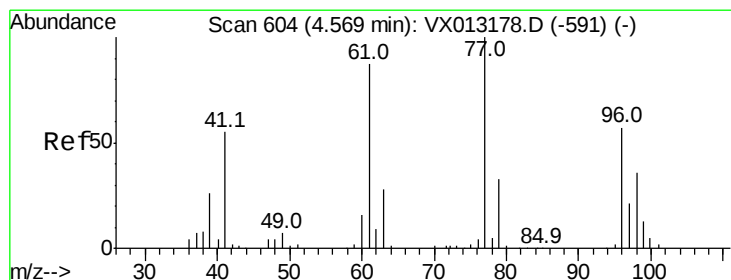
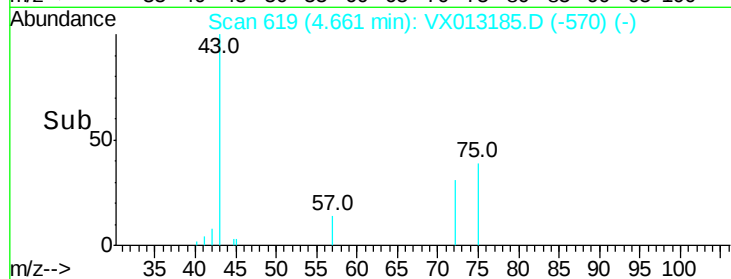
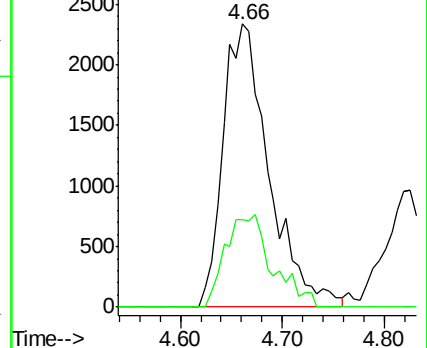
43 100

72 30.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.195 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013185.D

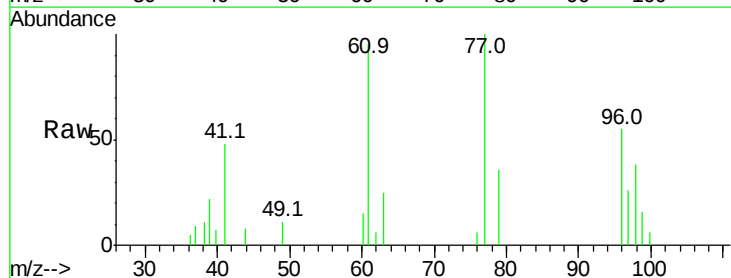
Acq: 23 Oct 2019 13:08

Tgt Ion: 77 Resp: 3455

Ion Ratio Lower Upper

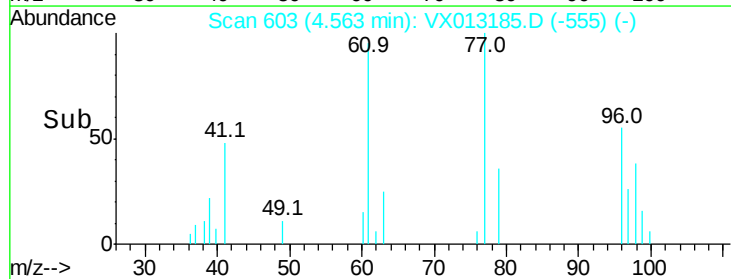
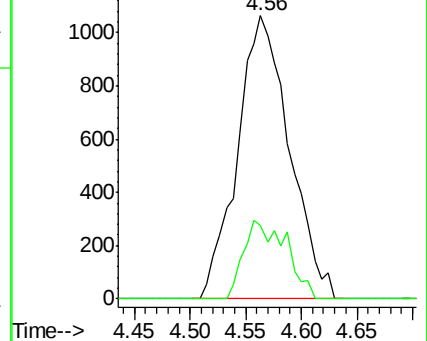
77 100

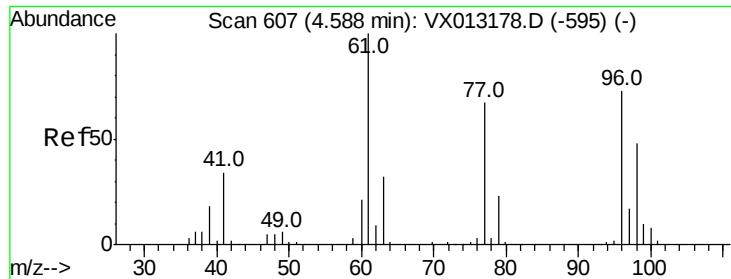
97 22.7 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



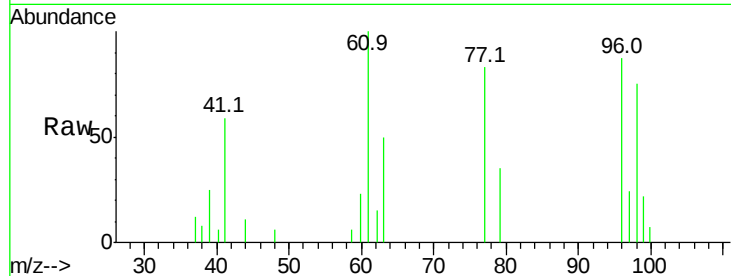


#27

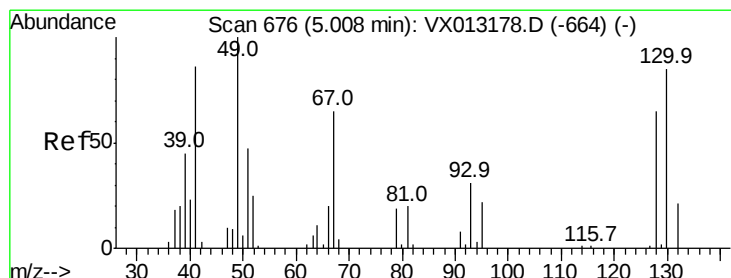
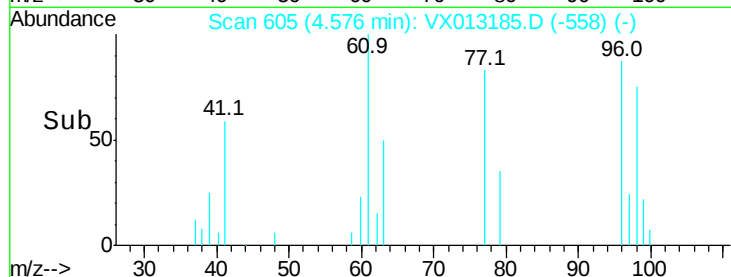
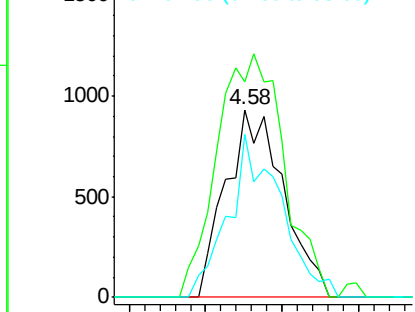
cis-1,2-Dichloroethene
Concen: 1.151 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 2432
Ion Ratio Lower Upper
96 100
61 150.9 0.0 288.0
98 78.8 0.0 131.2



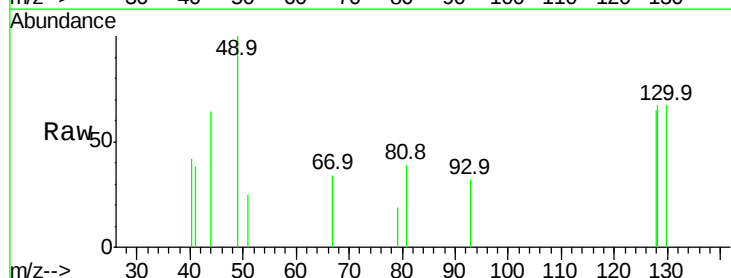
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



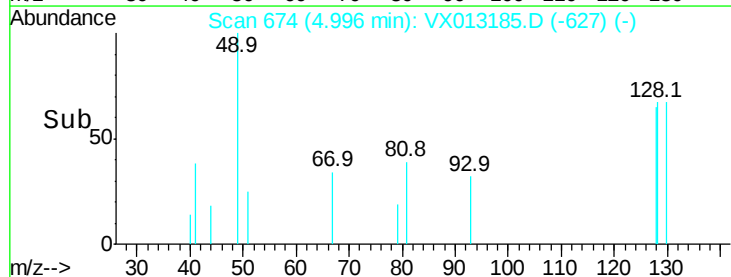
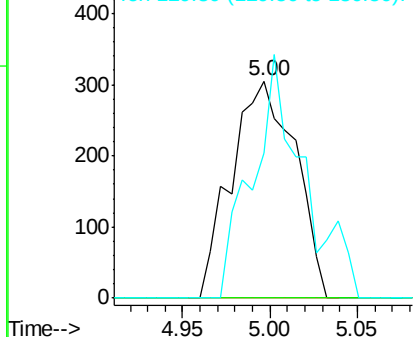
#28

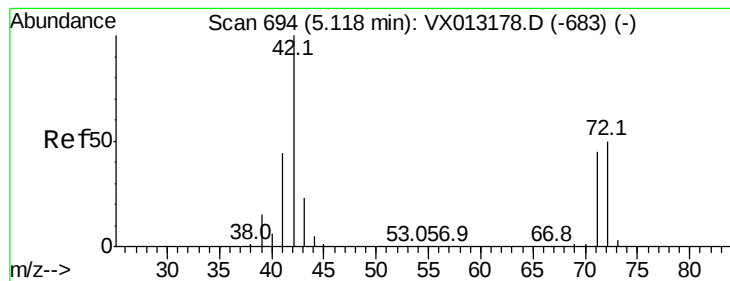
Bromochloromethane
Concen: 0.907 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 49 Resp: 778
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.8
130 90.4 71.5 107.3



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: 5.949 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

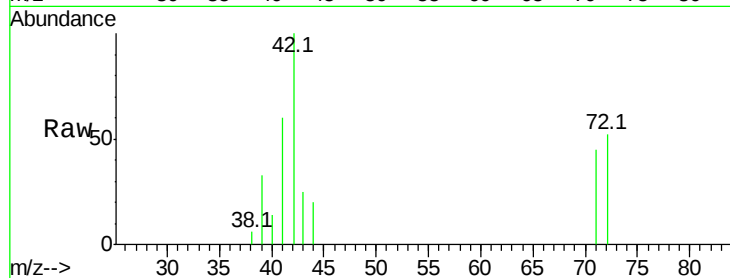
Tgt Ion: 42 Resp: 4856

Ion Ratio Lower Upper

42 100

72 48.2 40.2 60.2

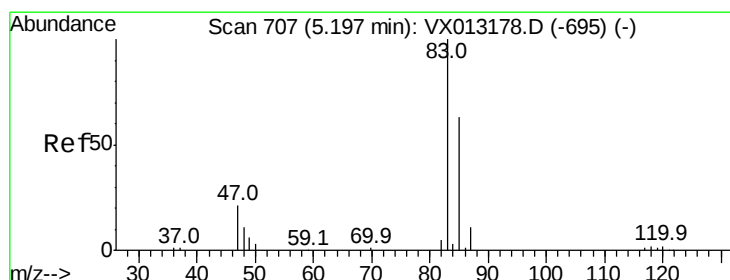
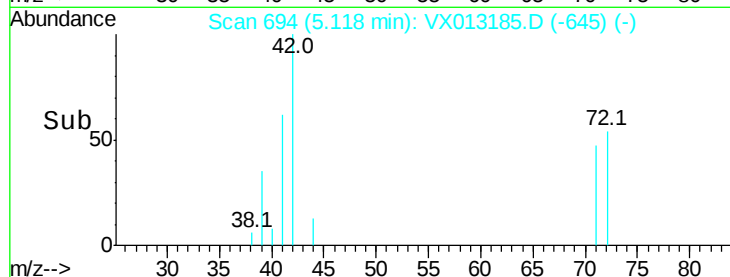
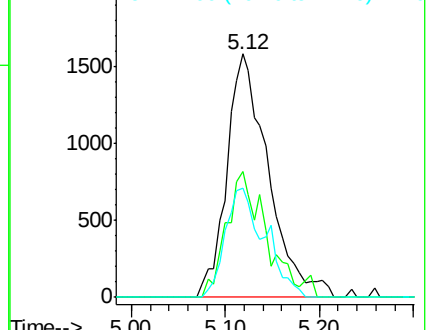
71 43.0 37.0 55.6



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: 1.183 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013185.D

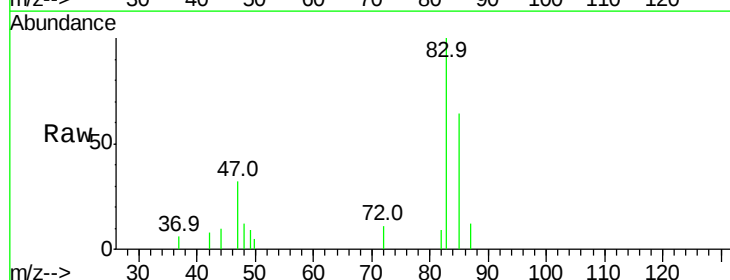
Acq: 23 Oct 2019 13:08

Tgt Ion: 83 Resp: 4102

Ion Ratio Lower Upper

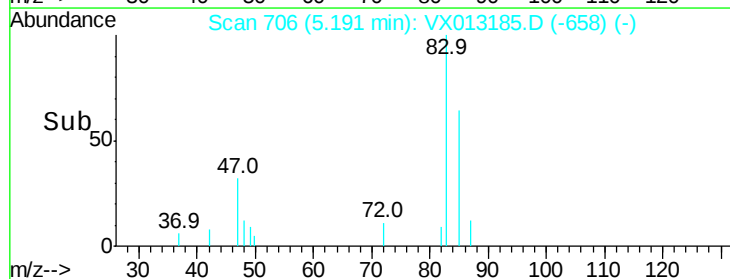
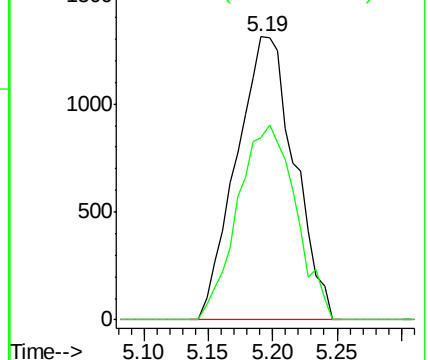
83 100

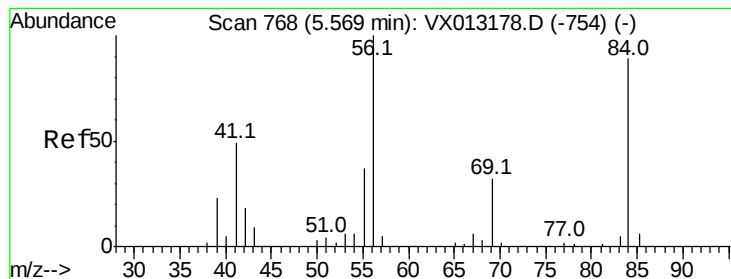
85 64.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.288 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.02 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

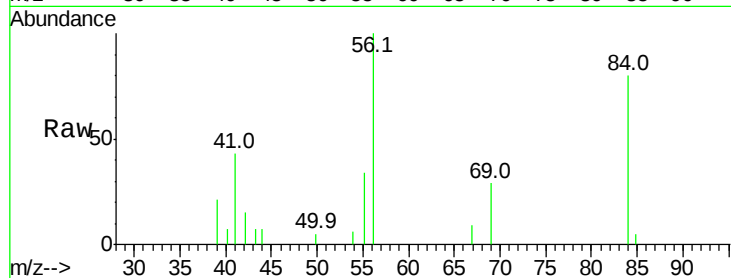
Tgt Ion: 56 Resp: 3584

Ion Ratio Lower Upper

56 100

69 29.3 25.9 38.9

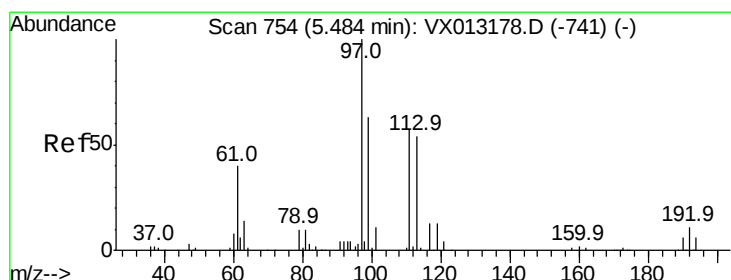
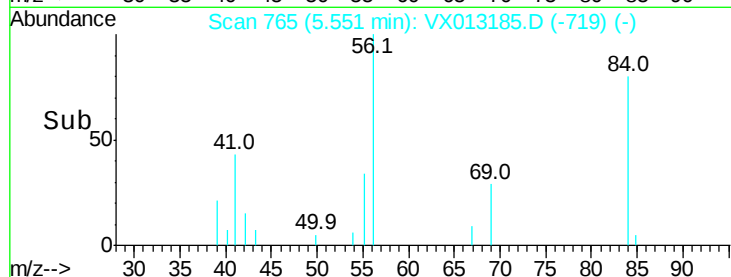
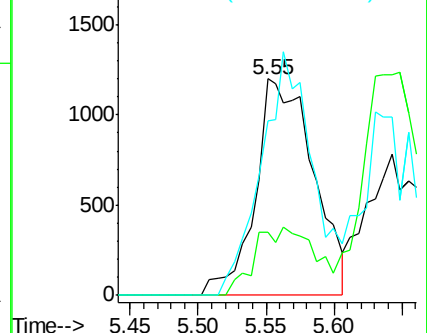
84 80.4 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 1.072 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

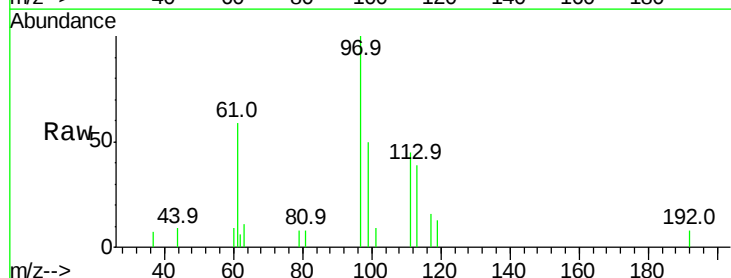
Tgt Ion: 97 Resp: 3333

Ion Ratio Lower Upper

97 100

99 69.4 50.9 76.3

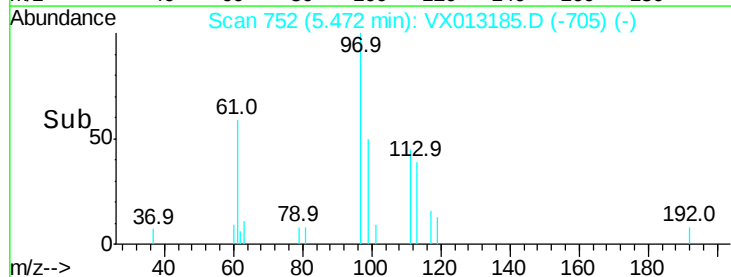
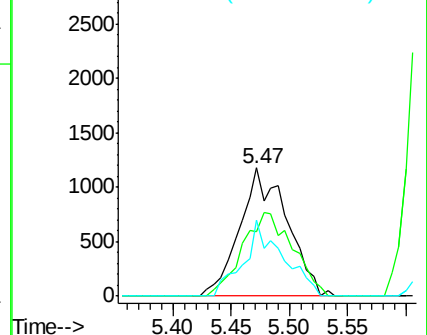
61 48.3 32.6 48.8

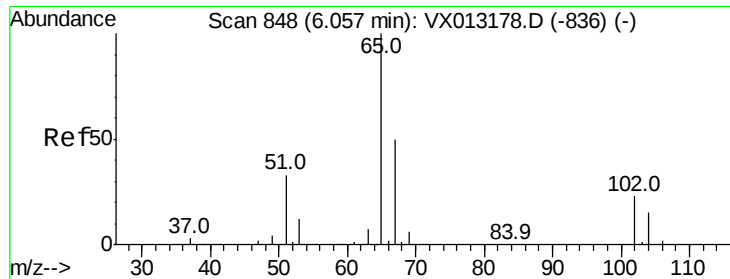


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

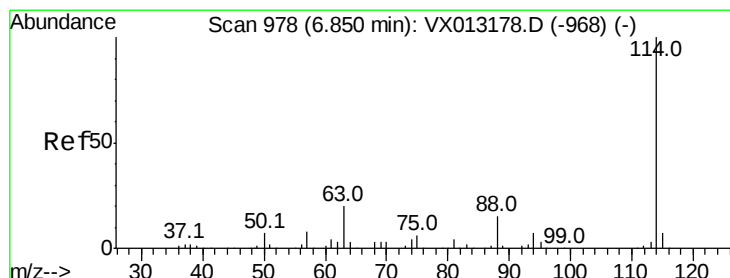
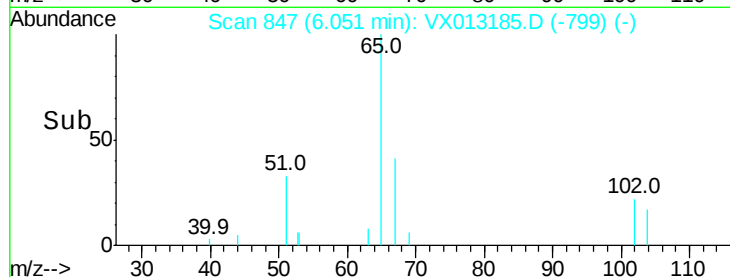
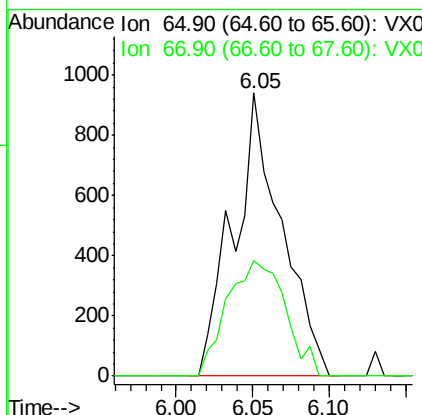
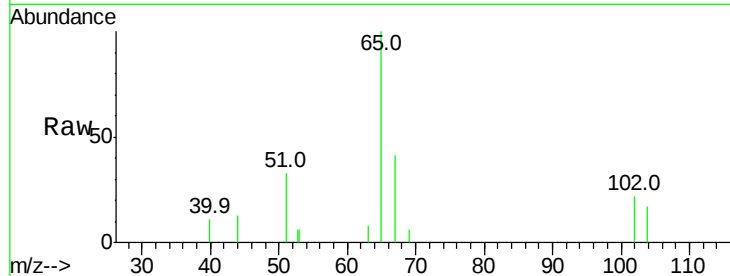




#33
 1,2-Dichloroethane-d4
 Concen: 0.953 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

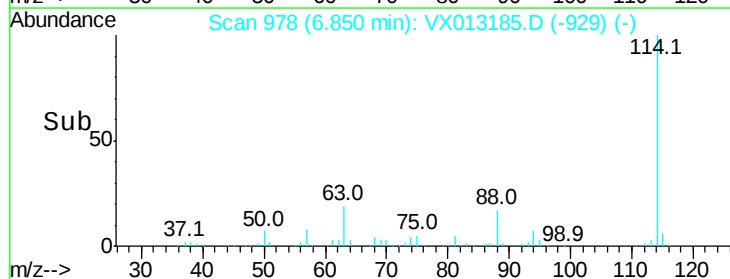
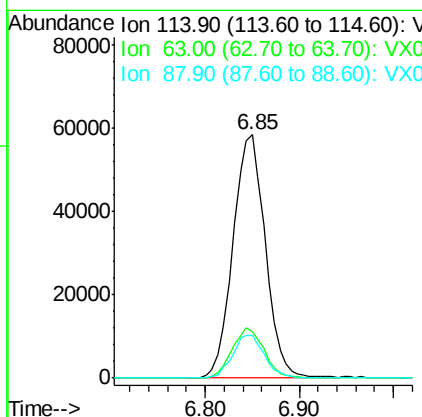
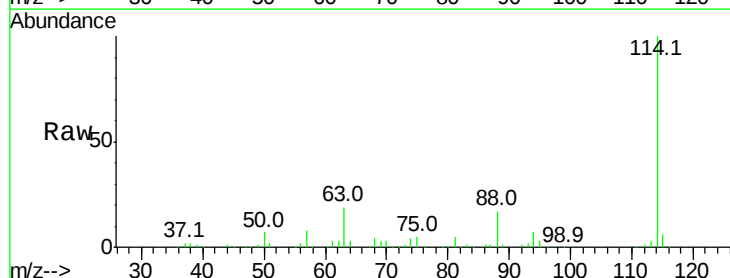
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

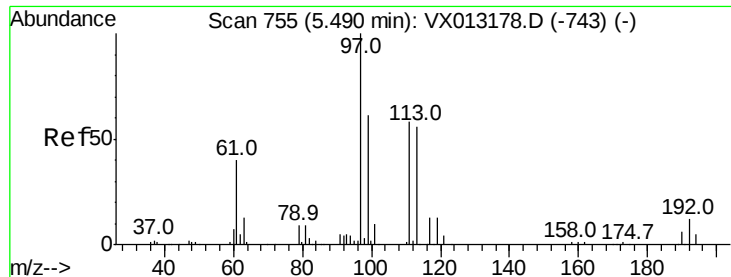
Tgt Ion: 65 Resp: 2048
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion: 114 Resp: 140491
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 0.843 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

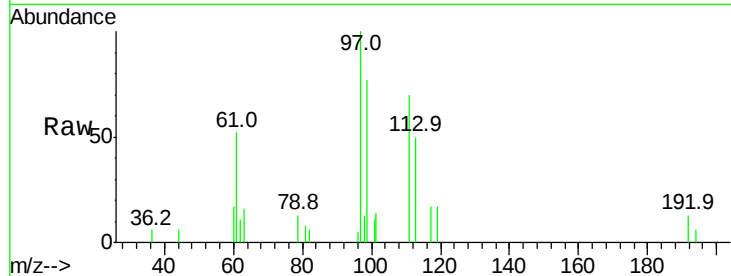
Tgt Ion:113 Resp: 1381

Ion Ratio Lower Upper

113 100

111 115.4 82.0 123.0

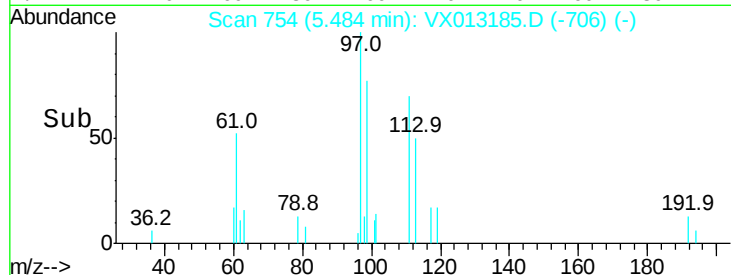
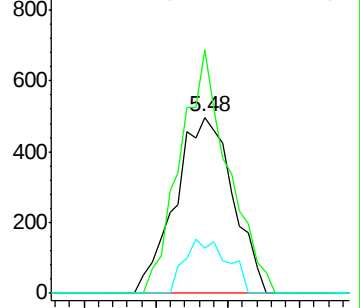
192 22.9 16.2 24.2



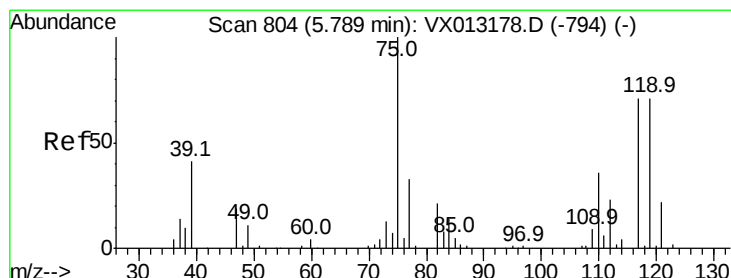
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 1.331 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

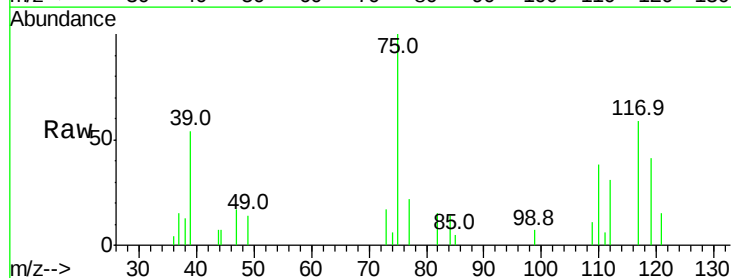
Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

110 33.9 18.1 54.1

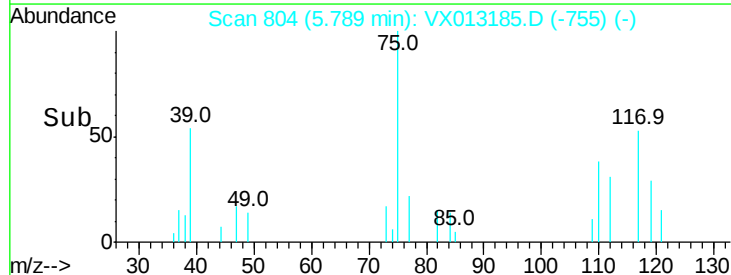
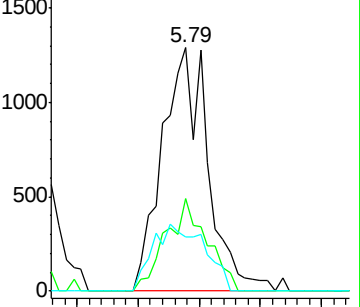
77 31.2 25.2 37.8



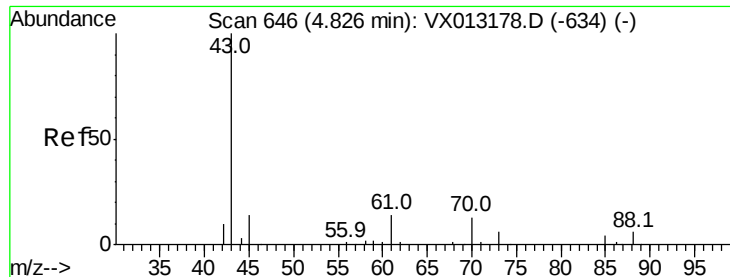
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



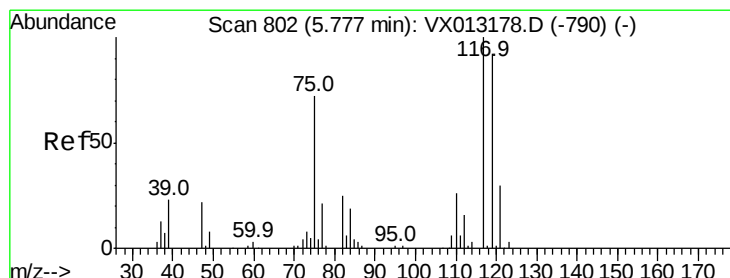
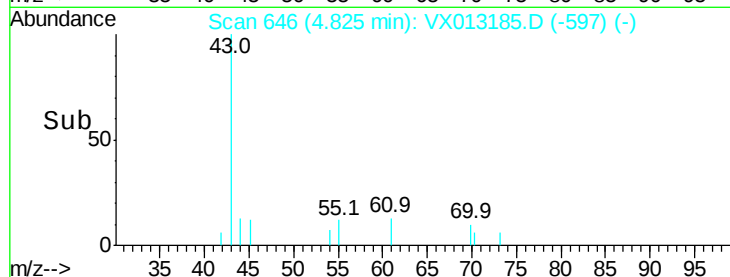
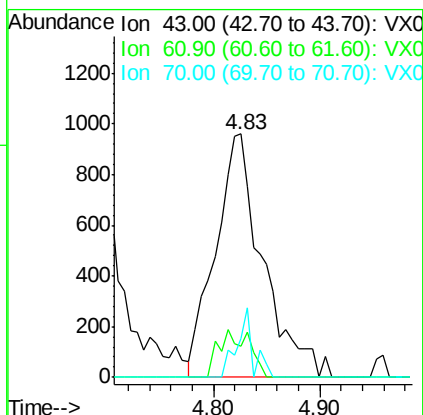
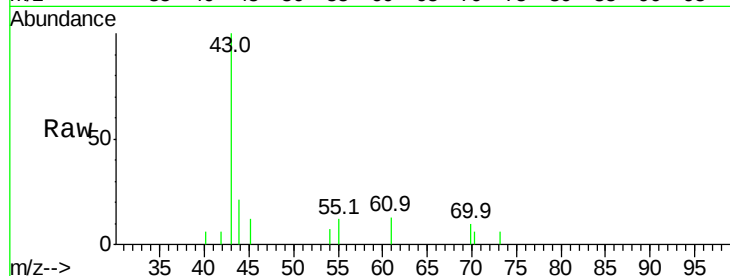
Time-->



#37
Ethyl Acetate
Concen: 1.197 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

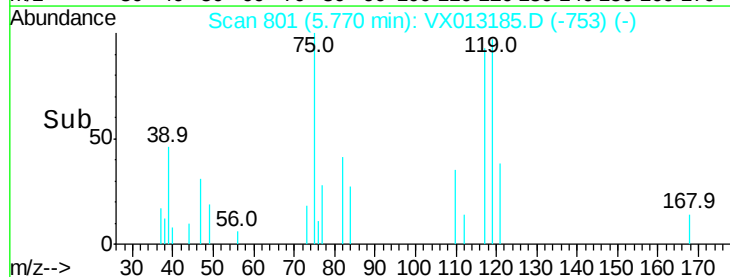
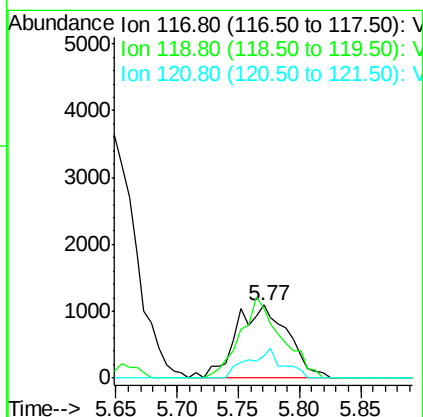
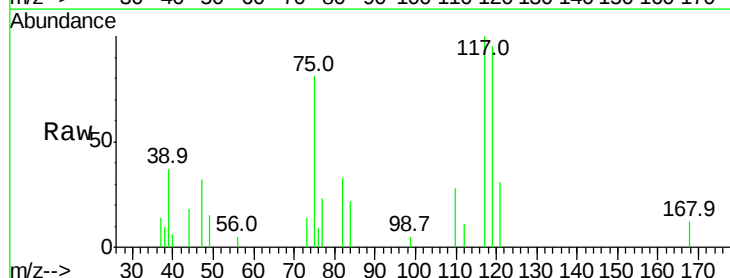
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

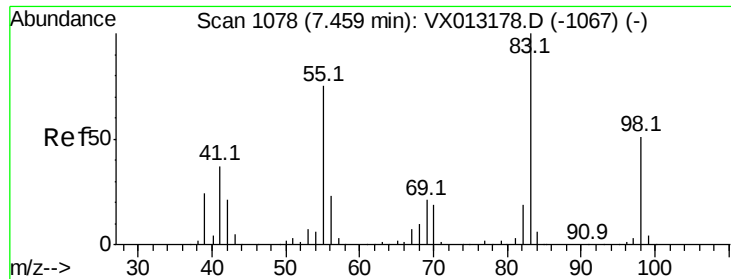
Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
61 12.5 11.7 17.5
70 9.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 1.252 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 117 Resp: 3215
Ion Ratio Lower Upper
117 100
119 94.6 73.8 110.6
121 31.0 24.3 36.5

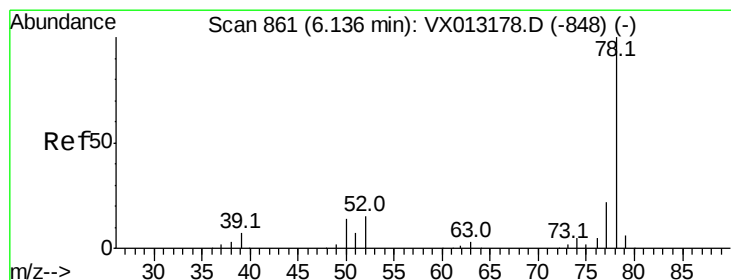
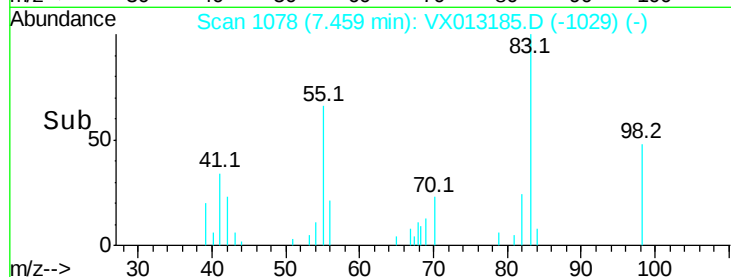
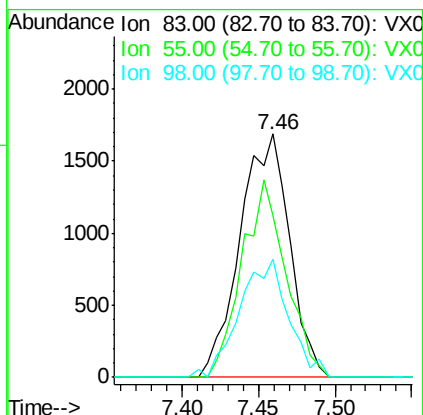
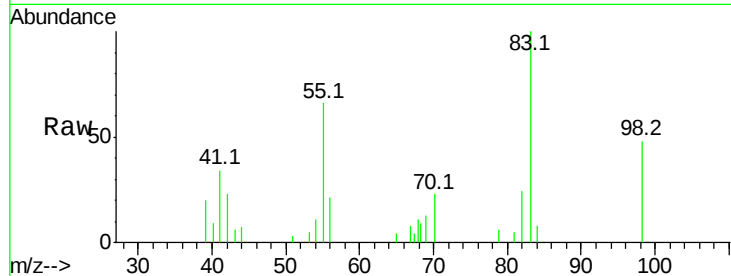




#39
Methylcyclohexane
Concen: 1.276 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

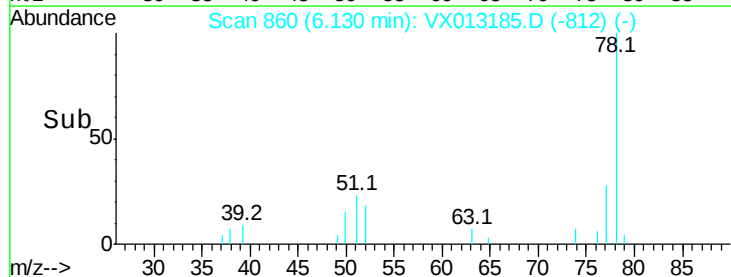
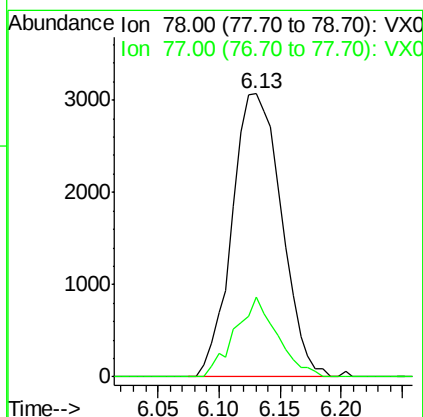
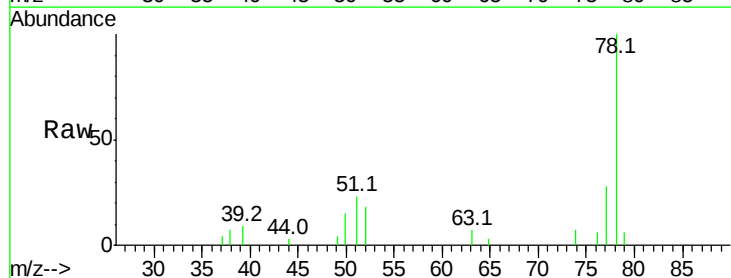
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

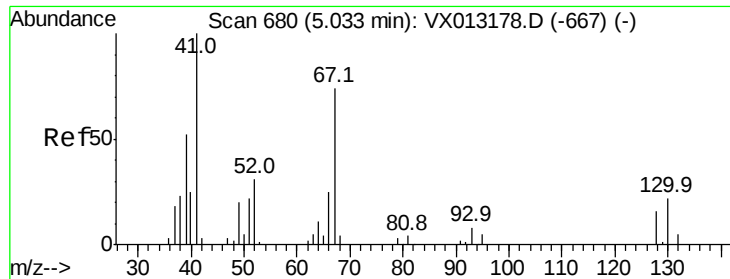
Tgt Ion: 83 Resp: 3809
Ion Ratio Lower Upper
83 100
55 66.3 60.3 90.5
98 48.3 40.6 61.0



#40
Benzene
Concen: 1.204 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 78 Resp: 8618
Ion Ratio Lower Upper
78 100
77 28.4 18.0 27.0#





#41

Methacrylonitrile

Concen: 1.075 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1416

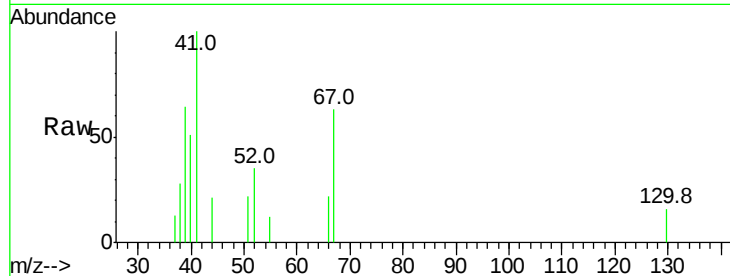
Ion Ratio Lower Upper

41 100

39 60.1 43.3 64.9

67 79.9 62.5 93.7

52 16.2 25.4 38.0#

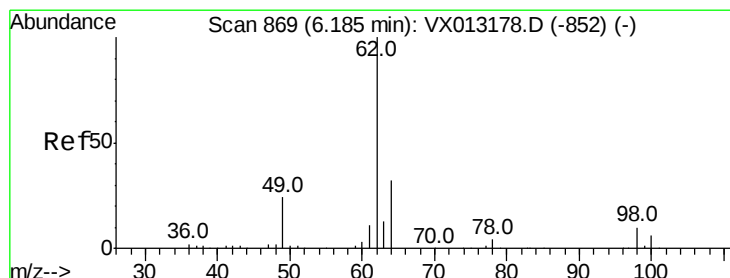
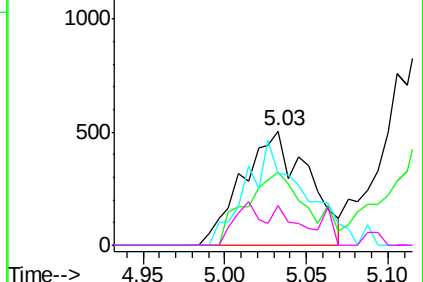
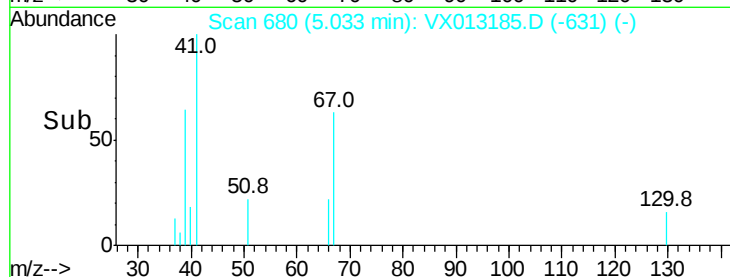


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.166 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013185.D

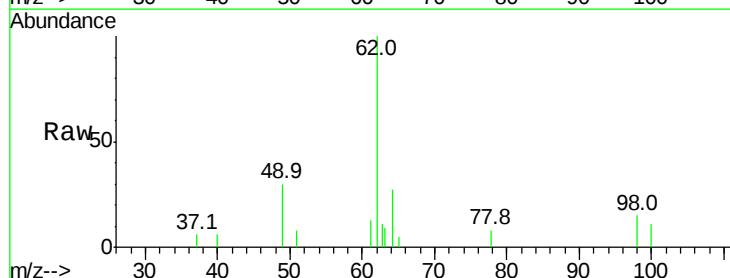
Acq: 23 Oct 2019 13:08

Tgt Ion: 62 Resp: 3136

Ion Ratio Lower Upper

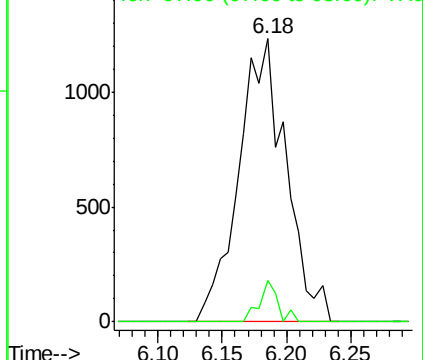
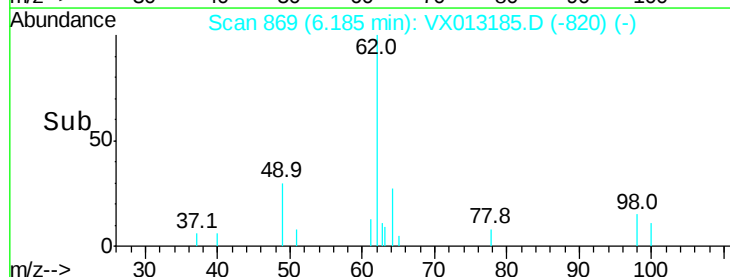
62 100

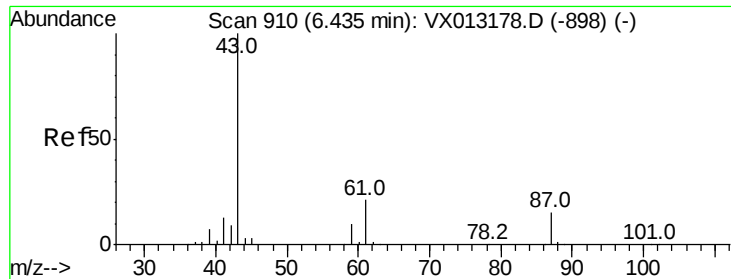
98 5.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

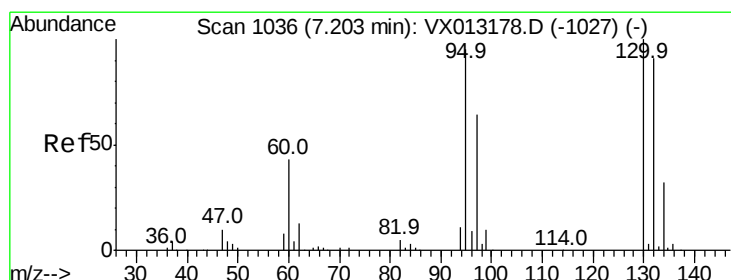
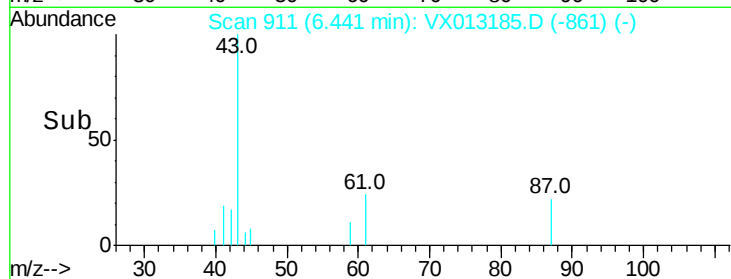
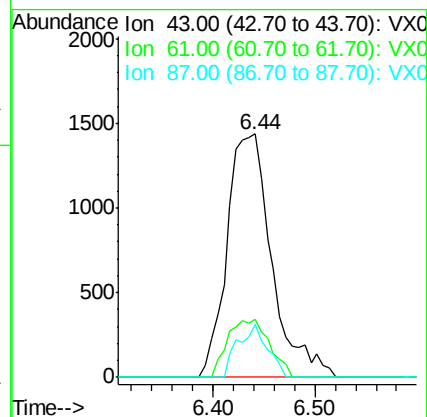
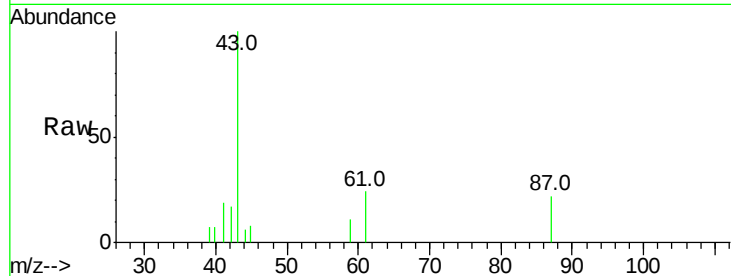




#43
Isopropyl Acetate
Concen: 1.101 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

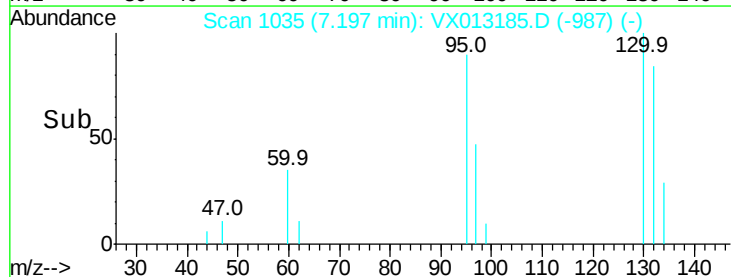
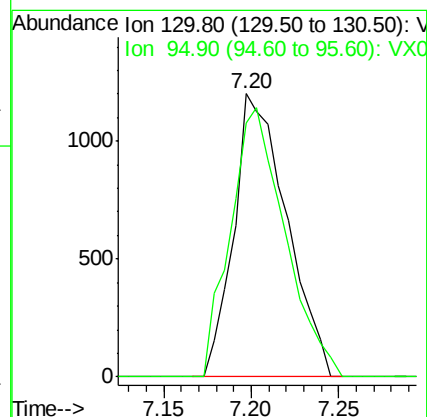
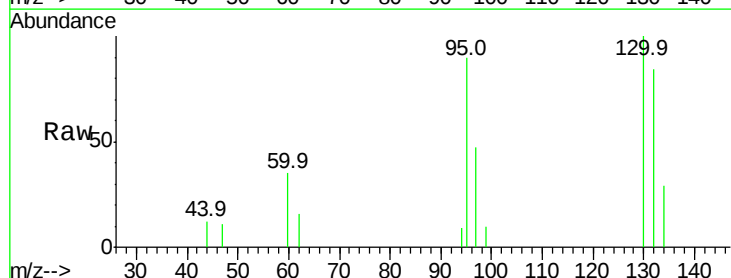
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

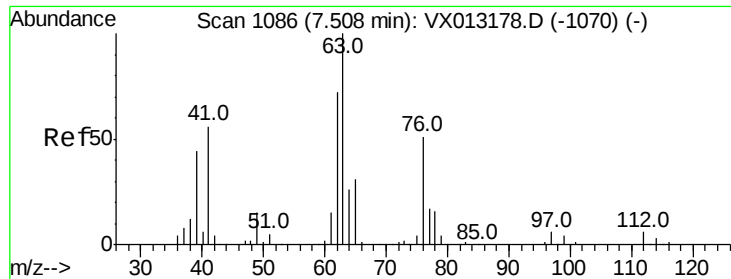
Tgt Ion: 43 Resp: 4370
Ion Ratio Lower Upper
43 100
61 22.2 16.8 25.2
87 14.3 12.2 18.2



#44
Trichloroethene
Concen: 1.242 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 130 Resp: 2518
Ion Ratio Lower Upper
130 100
95 89.7 0.0 190.8





#45

1,2-Dichloropropane

Concen: 1.286 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampled :

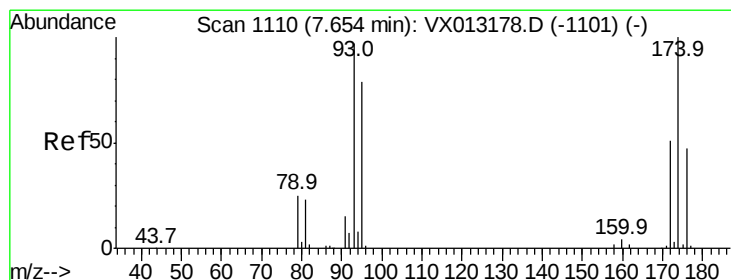
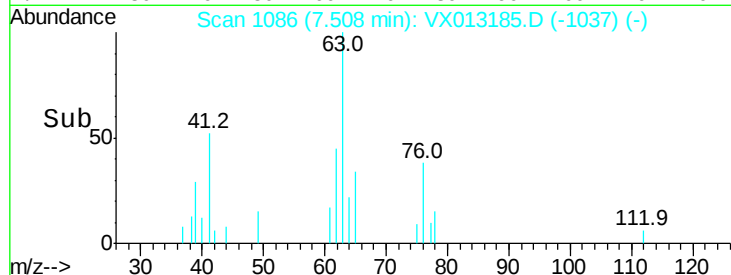
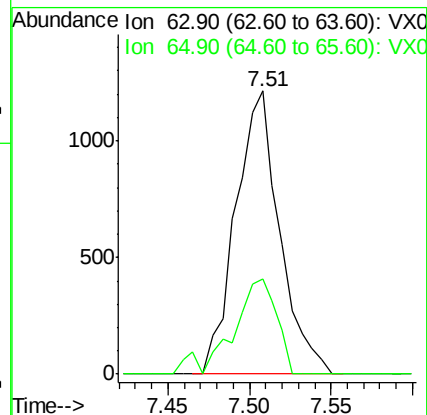
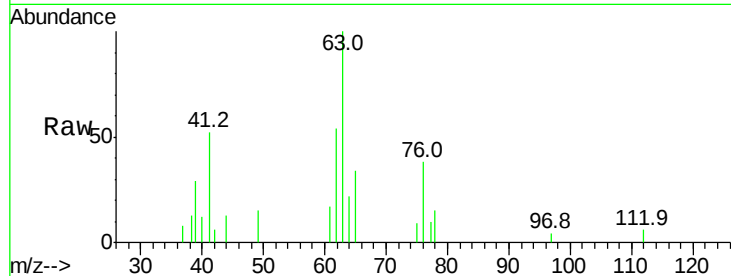
VSTDIC001

Tgt Ion: 63 Resp: 2285

Ion Ratio Lower Upper

63 100

65 33.6 25.0 37.6



#46

Dibromomethane

Concen: 1.317 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

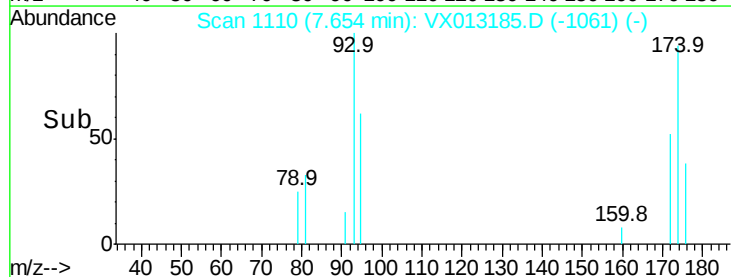
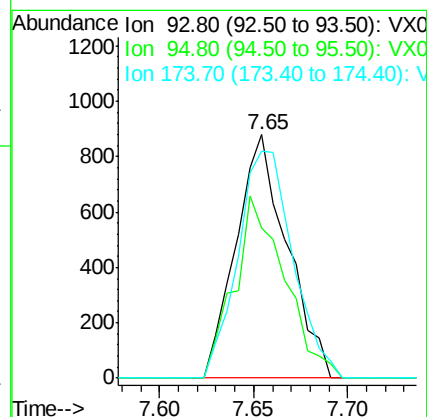
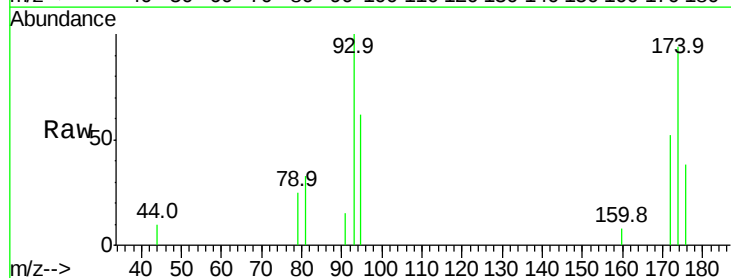
Tgt Ion: 93 Resp: 1652

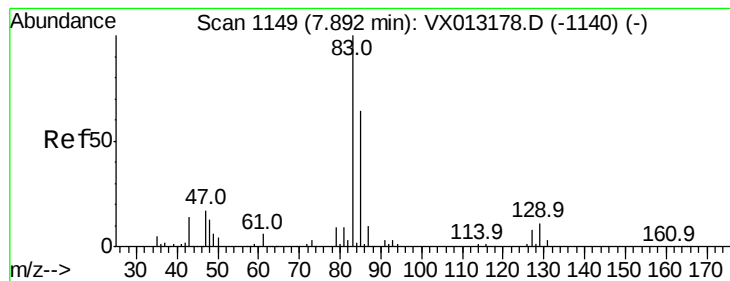
Ion Ratio Lower Upper

93 100

95 74.0 66.1 99.1

174 100.8 83.0 124.4





#47

Bromodichloromethane

Concen: 1.136 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

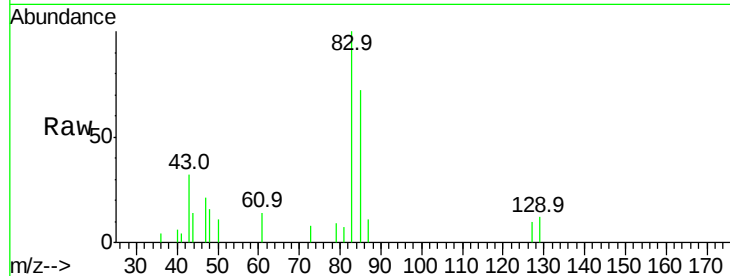
Tgt Ion: 83 Resp: 2806

Ion Ratio Lower Upper

83 100

85 72.0 50.9 76.3

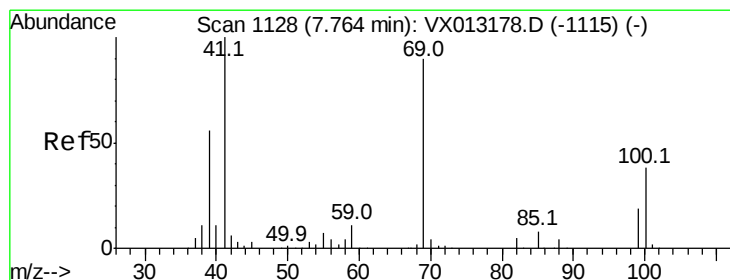
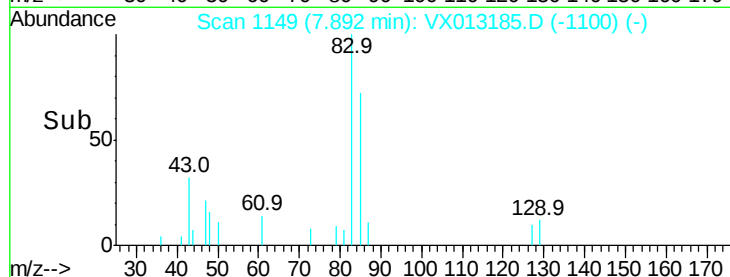
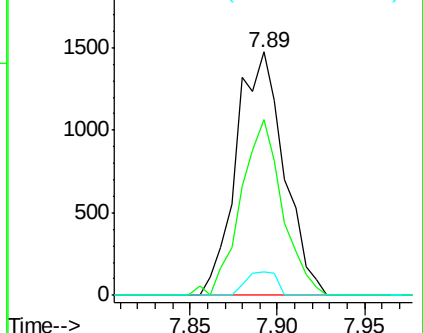
127 9.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.131 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

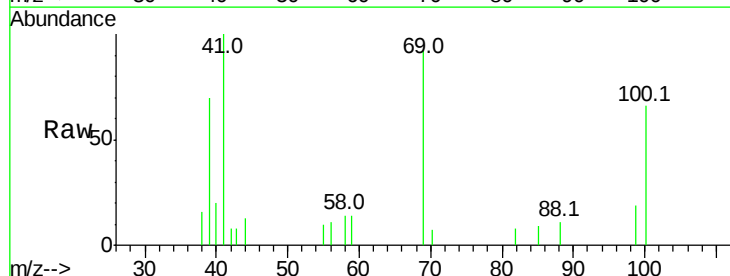
Tgt Ion: 41 Resp: 2177

Ion Ratio Lower Upper

41 100

69 84.2 72.2 108.4

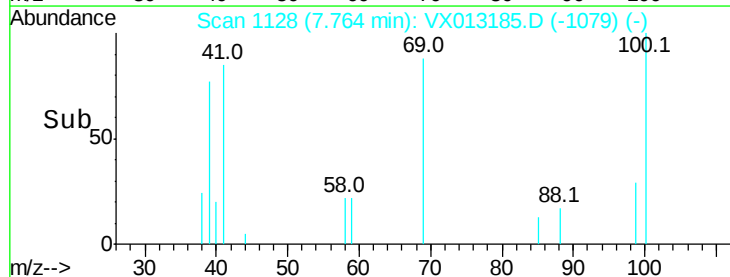
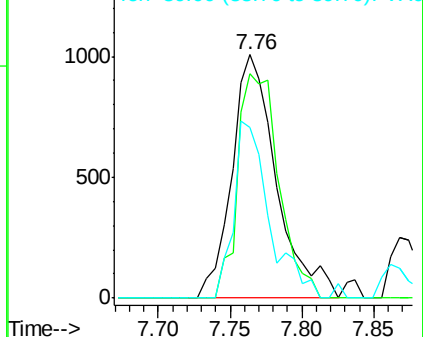
39 57.9 45.6 68.4

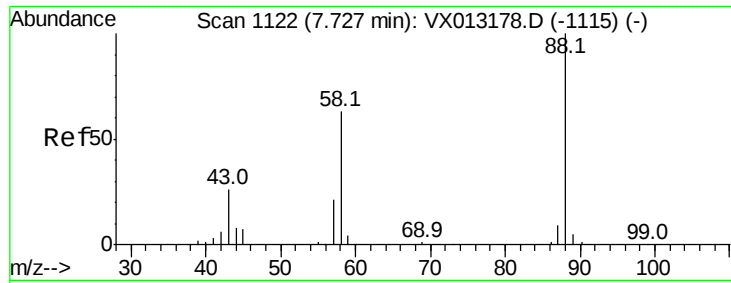


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

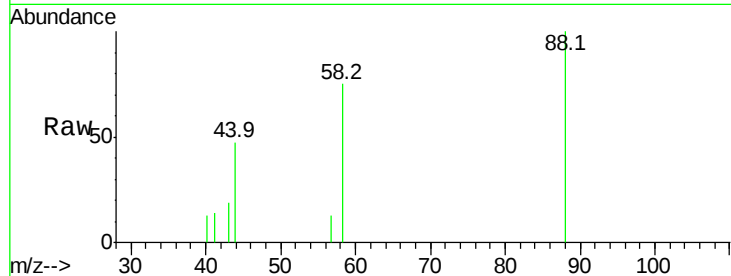




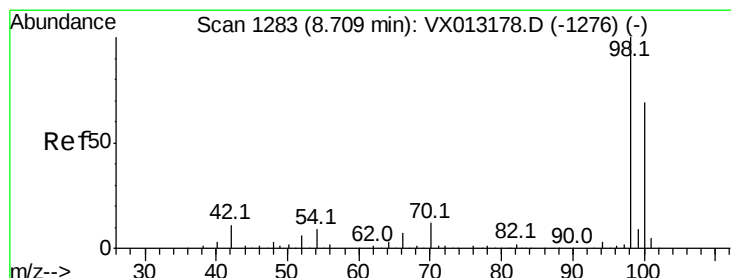
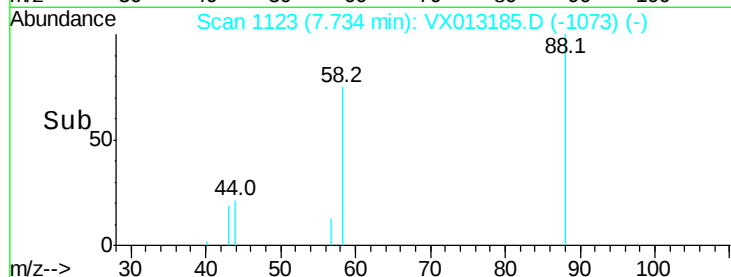
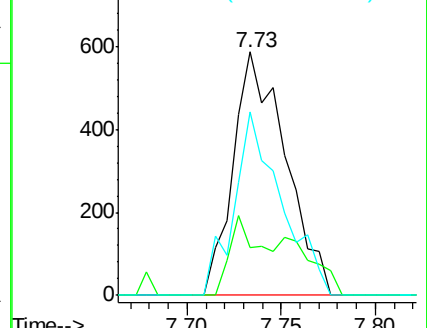
#49
 1,4-Dioxane
 Concen: 21.597 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 88 Resp: 1132
 Ion Ratio Lower Upper
 88 100
 43 19.9 24.4 36.6#
 58 68.3 52.2 78.4

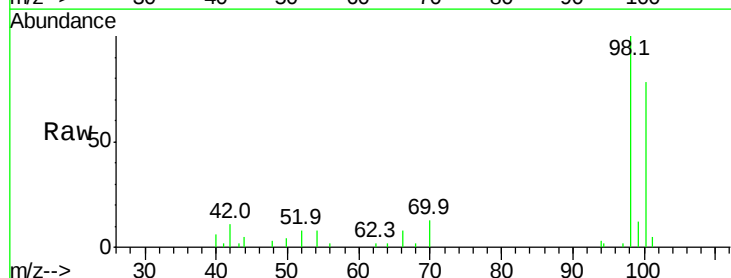


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

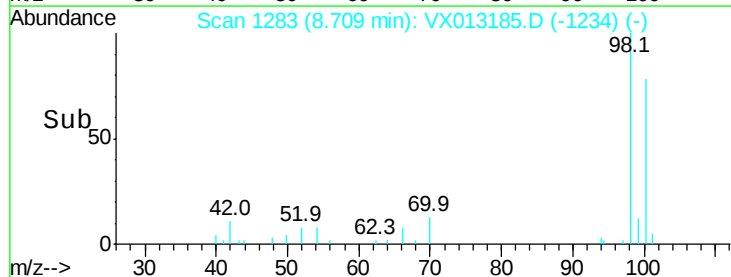
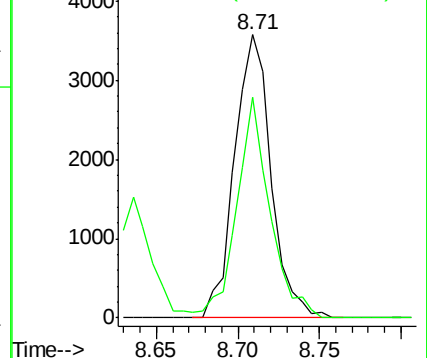


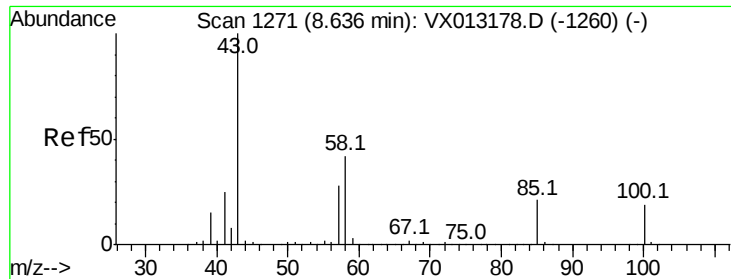
#50
 Toluene-d8
 Concen: 0.929 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion: 98 Resp: 5562
 Ion Ratio Lower Upper
 98 100
 100 70.7 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 5.524 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

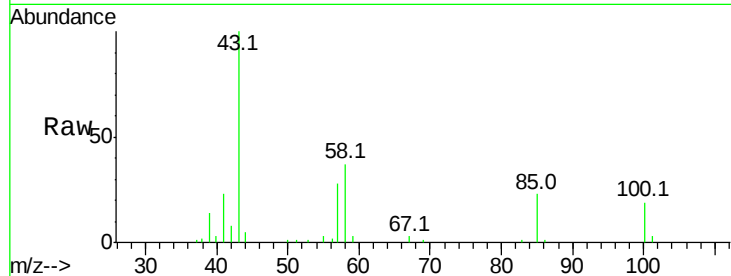
VSTDIC001

Tgt Ion: 43 Resp: 13435

Ion Ratio Lower Upper

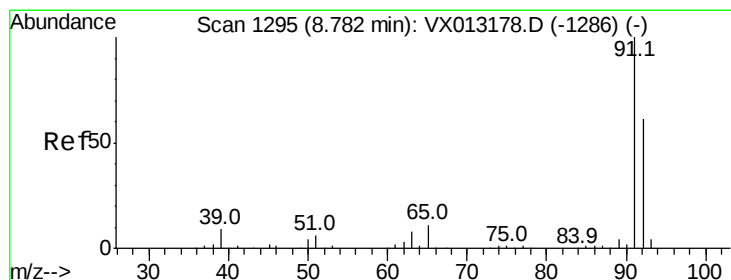
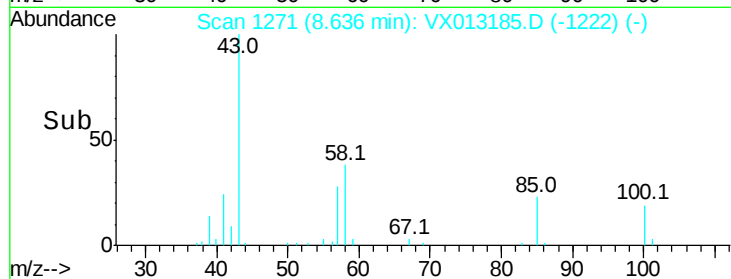
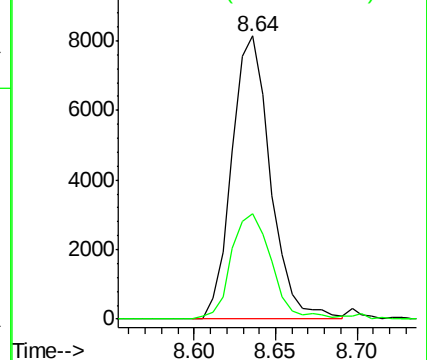
43 100

58 38.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.303 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013185.D

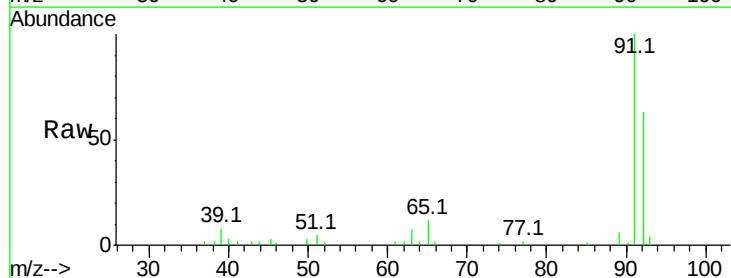
Acq: 23 Oct 2019 13:08

Tgt Ion: 92 Resp: 6018

Ion Ratio Lower Upper

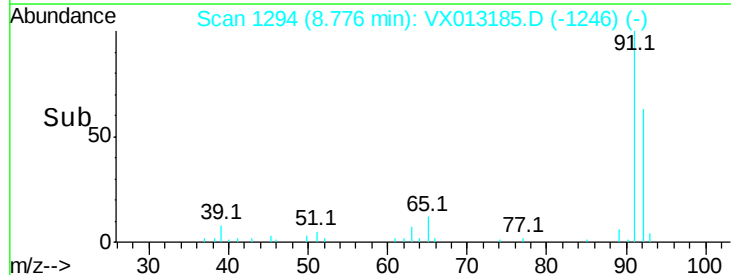
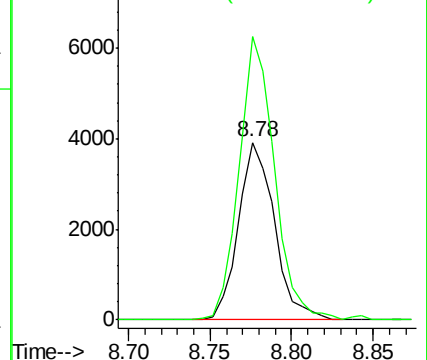
92 100

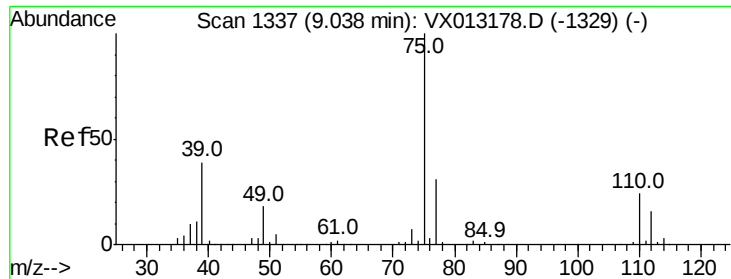
91 157.0 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 1.007 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

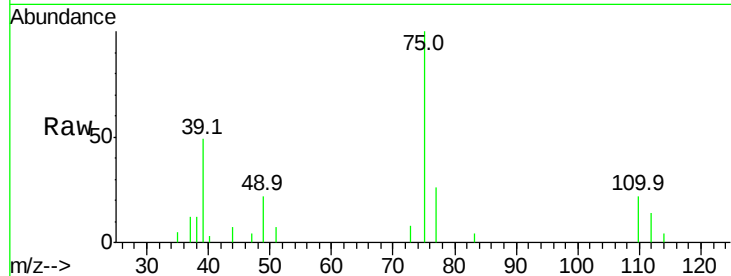
VSTDIC001

Tgt Ion: 75 Resp: 2664

Ion Ratio Lower Upper

75 100

77 26.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

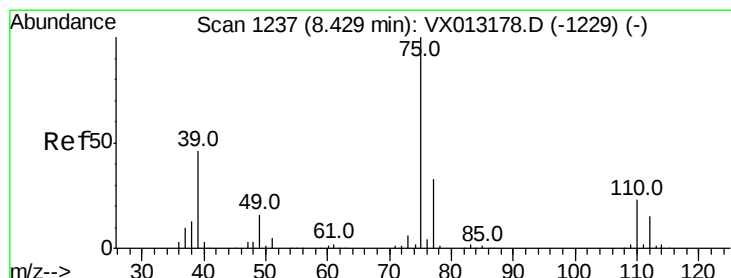
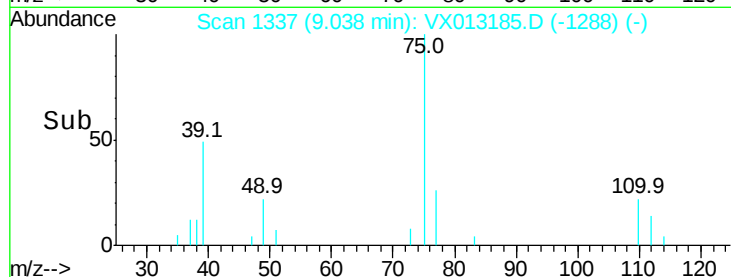
1500

1000

500

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.026 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

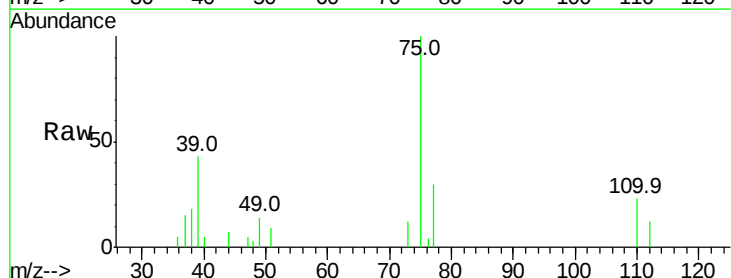
Tgt Ion: 75 Resp: 2994

Ion Ratio Lower Upper

75 100

77 29.8 26.4 39.6

39 42.7 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

2500

2000

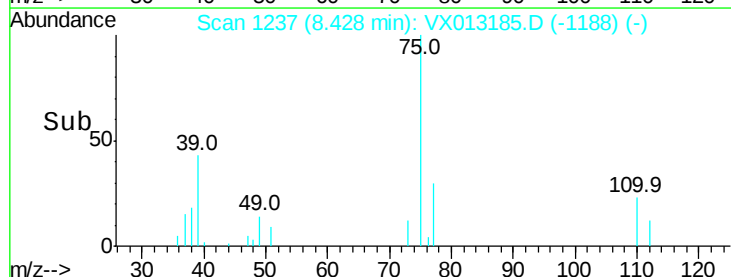
1500

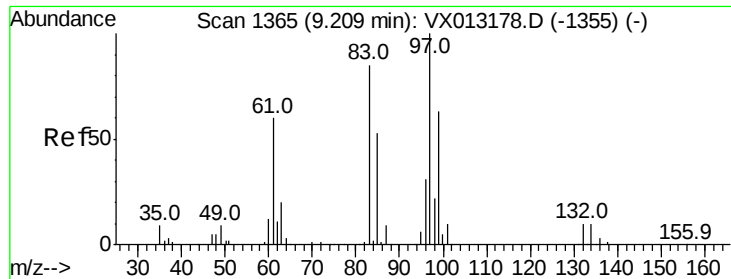
1000

500

0

Time-->

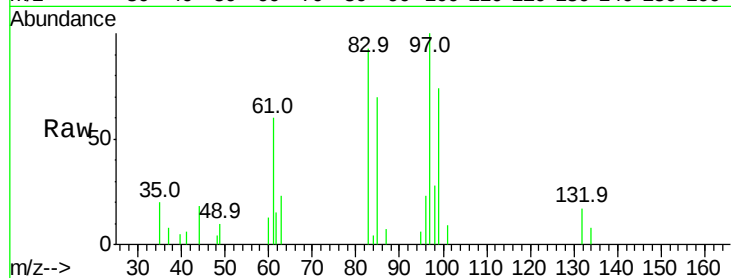




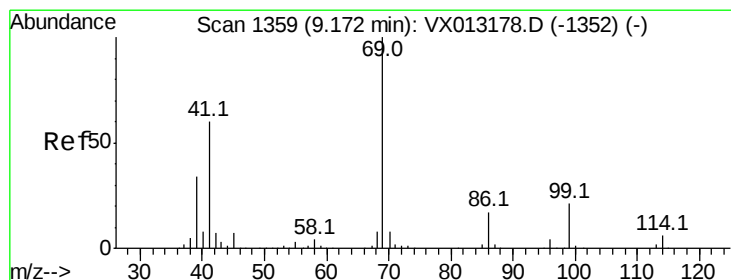
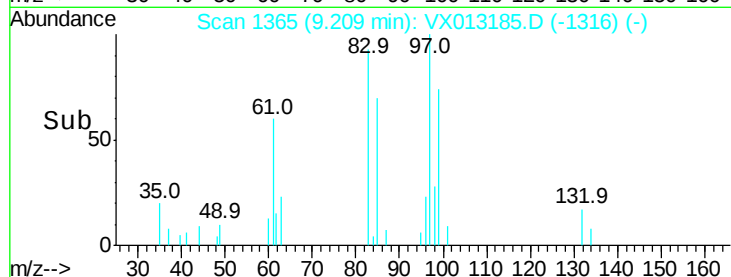
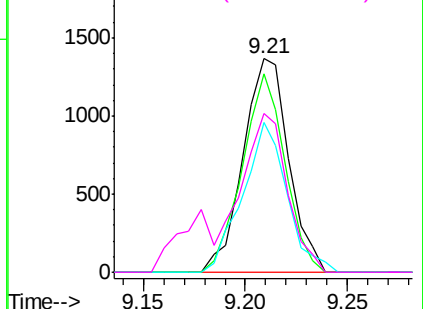
#55
1,1,2-Trichloroethane
Concen: 1.136 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 2122
Ion Ratio Lower Upper
97 100
83 92.8 67.8 101.6
85 70.2 42.7 64.1#
99 74.2 51.1 76.7

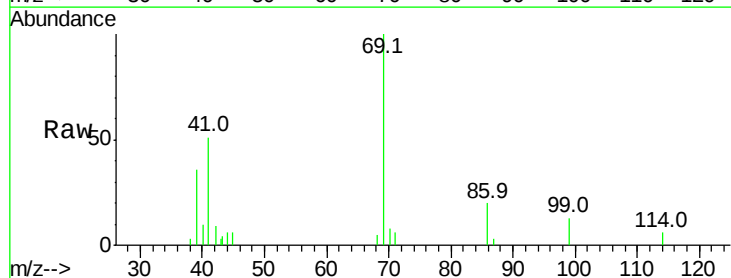


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

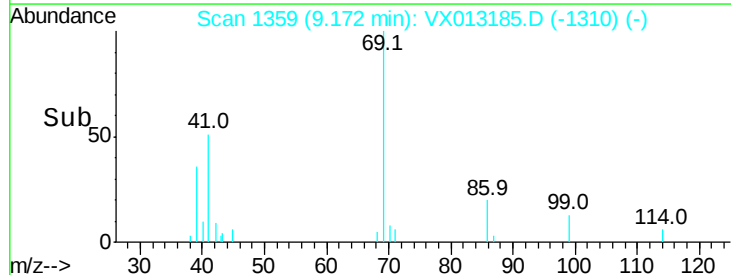
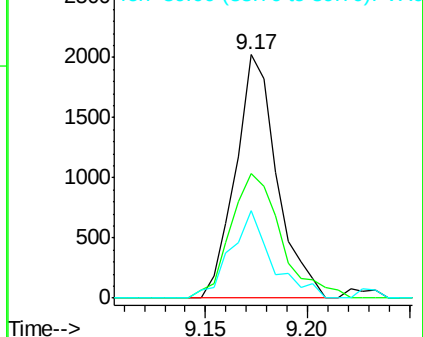


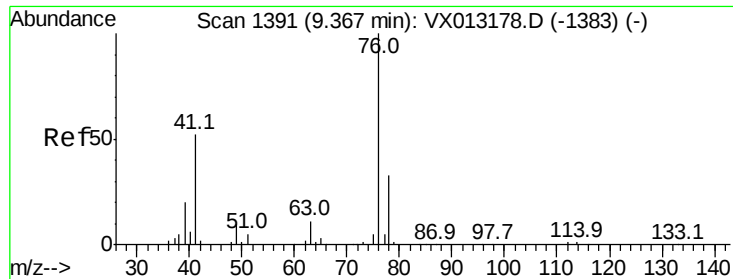
#56
Ethyl methacrylate
Concen: 0.999 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 69 Resp: 2856
Ion Ratio Lower Upper
69 100
41 62.1 48.5 72.7
39 35.7 27.8 41.6



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





#57

1,3-Dichloropropane

Concen: 1.281 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

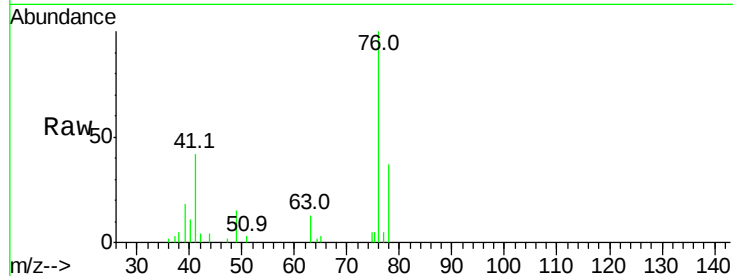
VSTDIC001

Tgt Ion: 76 Resp: 3956

Ion Ratio Lower Upper

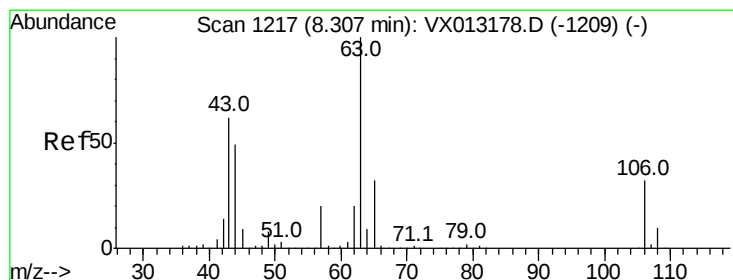
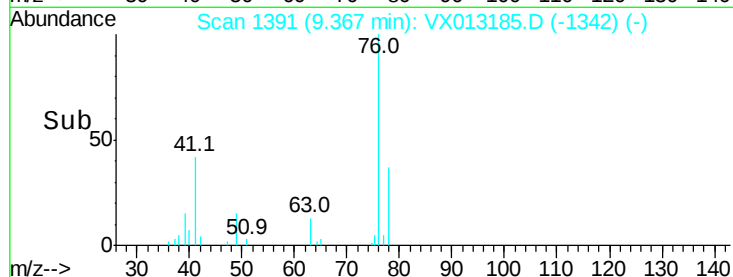
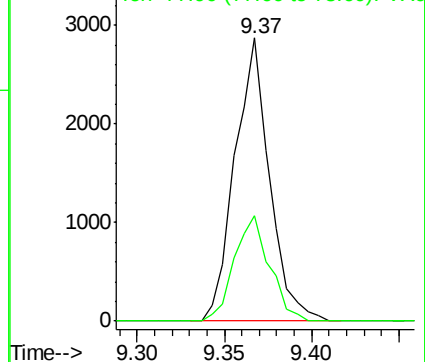
76 100

78 37.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 3.920 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013185.D

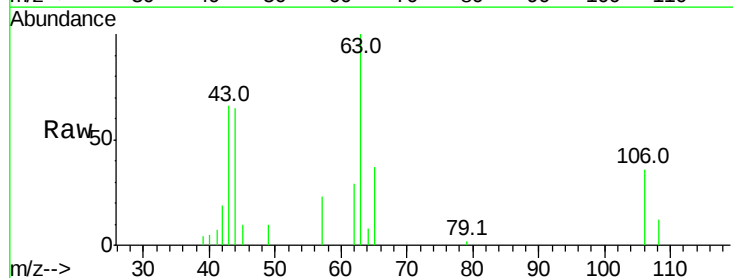
Acq: 23 Oct 2019 13:08

Tgt Ion: 63 Resp: 4398

Ion Ratio Lower Upper

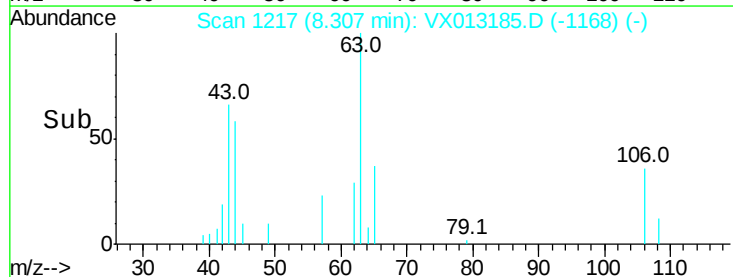
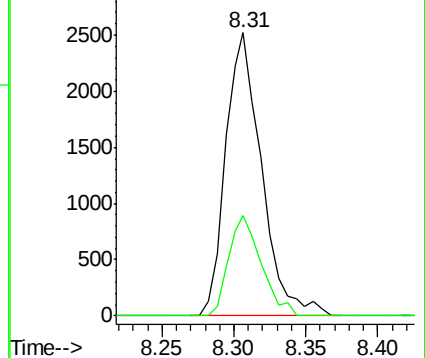
63 100

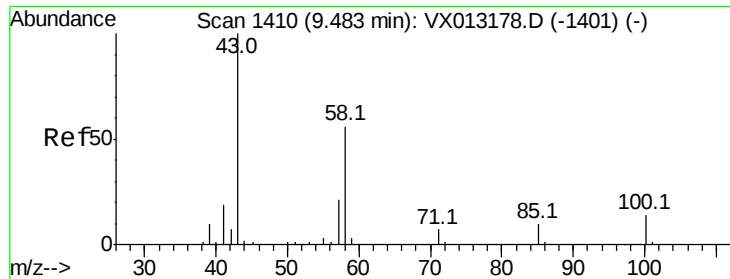
106 31.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

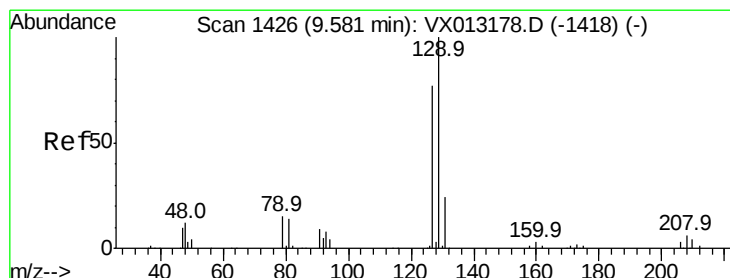
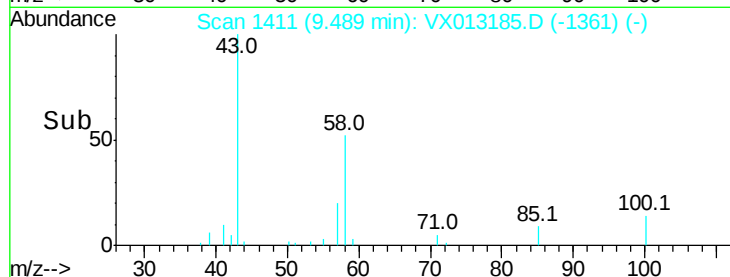
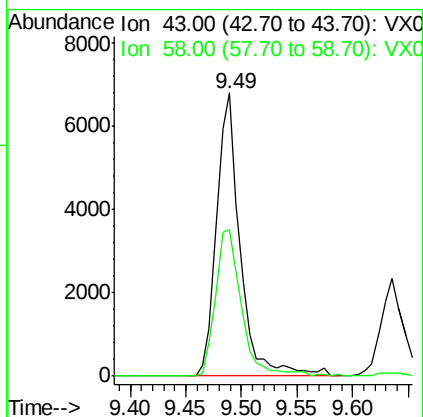
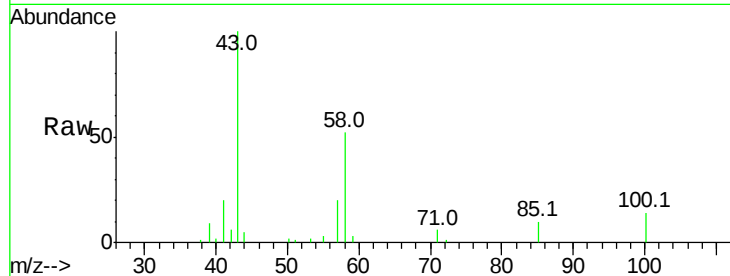




#59
2-Hexanone
Concen: 5.227 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

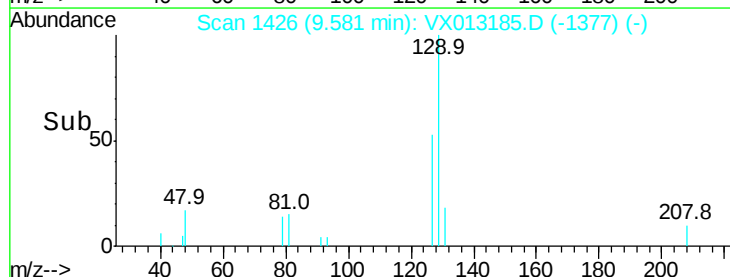
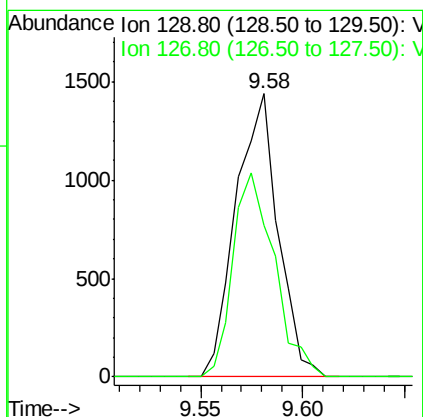
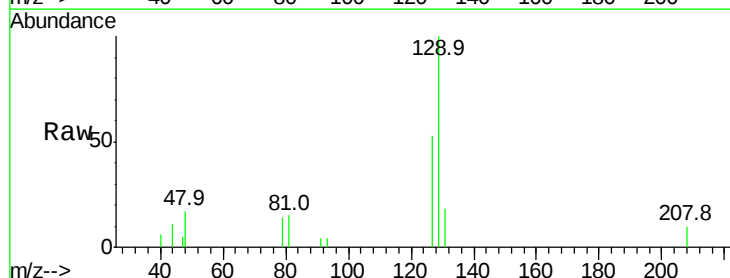
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

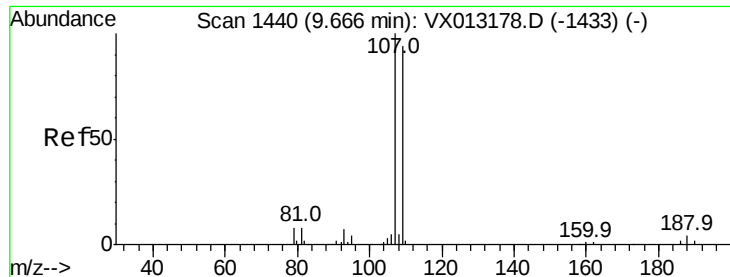
Tgt Ion: 43 Resp: 9971
Ion Ratio Lower Upper
43 100
58 57.0 28.4 85.3



#60
Dibromochloromethane
Concen: 1.076 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 129 Resp: 2063
Ion Ratio Lower Upper
129 100
127 70.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 1.162 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

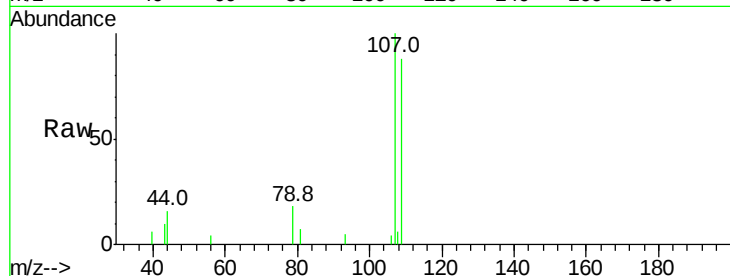
VSTDIC001

Tgt Ion: 107 Resp: 2320

Ion Ratio Lower Upper

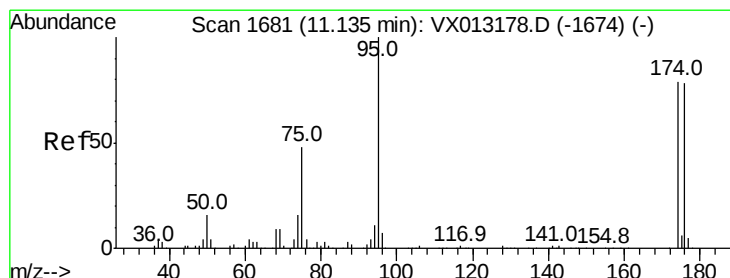
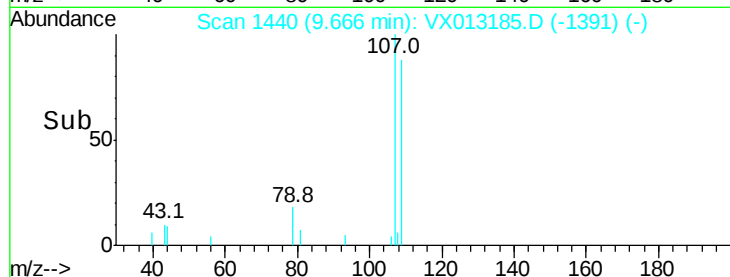
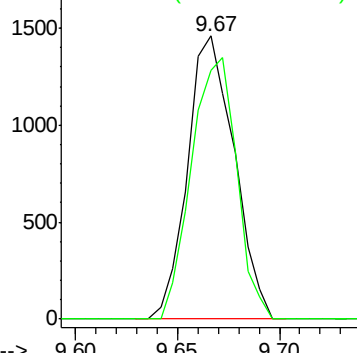
107 100

109 89.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.921 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

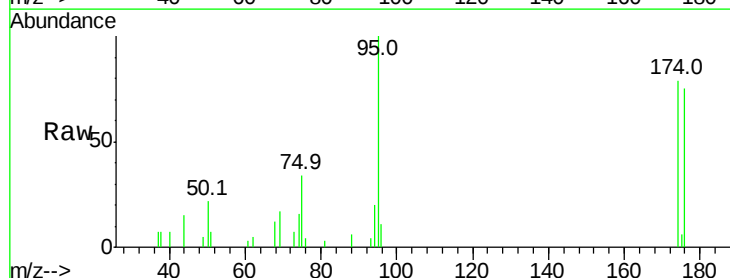
Tgt Ion: 95 Resp: 2272

Ion Ratio Lower Upper

95 100

174 80.2 0.0 155.6

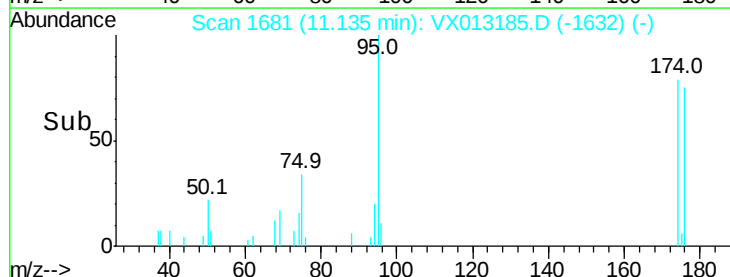
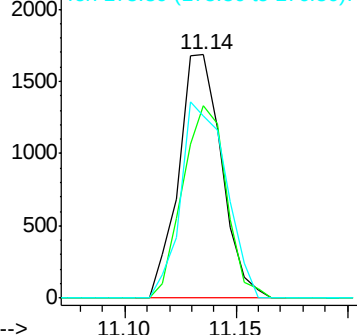
176 84.8 0.0 151.2

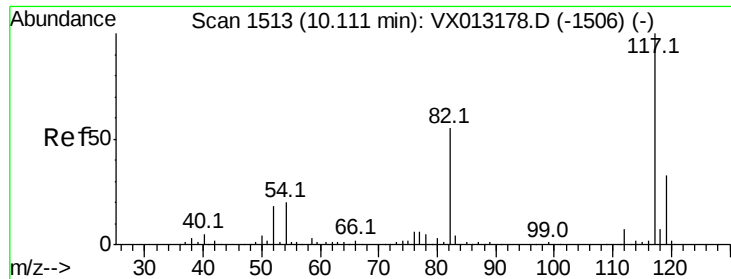


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

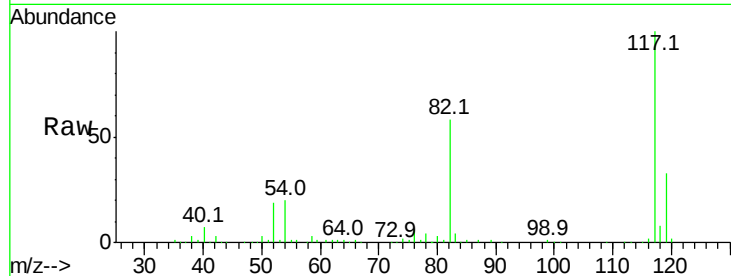




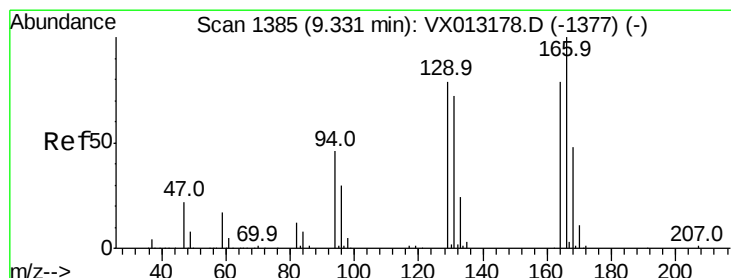
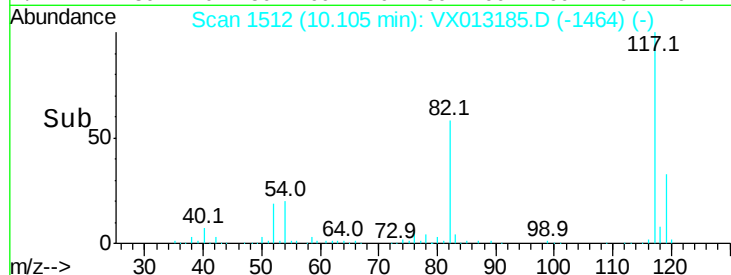
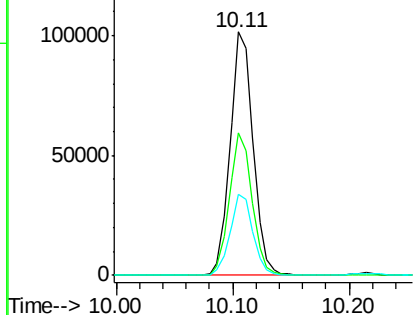
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 140049
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 33.1 26.3 39.5



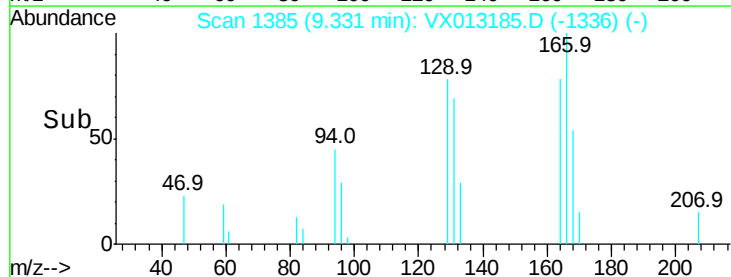
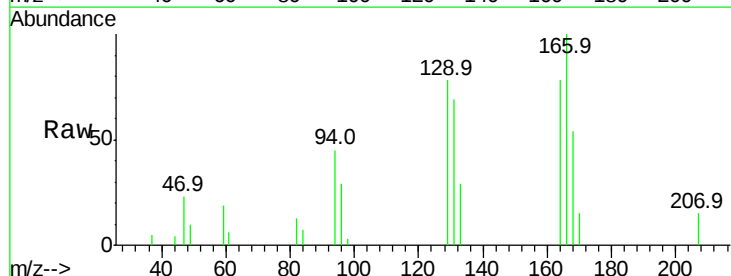
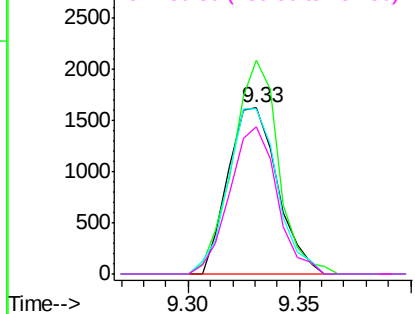
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

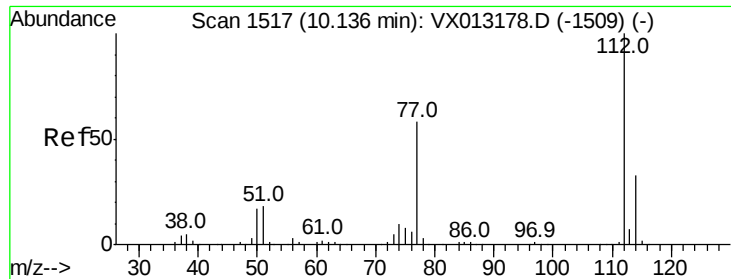


#64
Tetrachloroethene
Concen: 1.321 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion:164 Resp: 2512
Ion Ratio Lower Upper
164 100
166 128.7 101.3 151.9
129 99.9 79.9 119.9
131 88.7 72.5 108.7

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

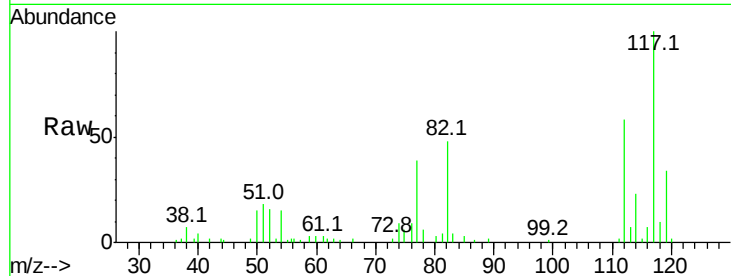




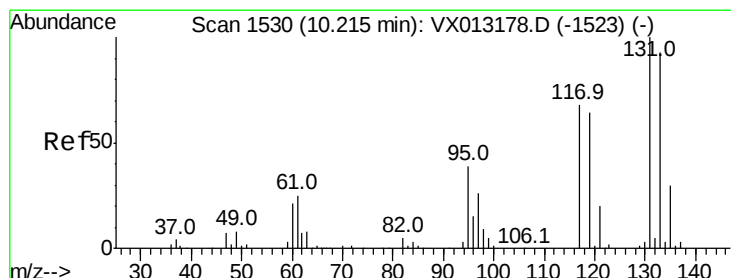
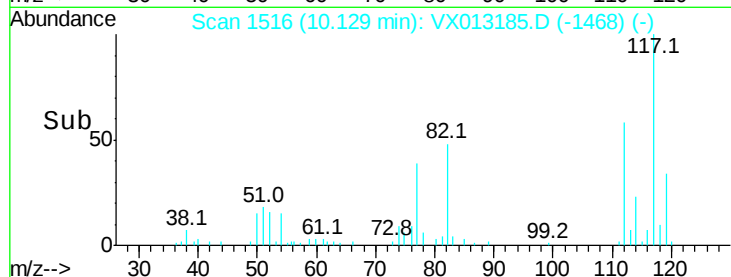
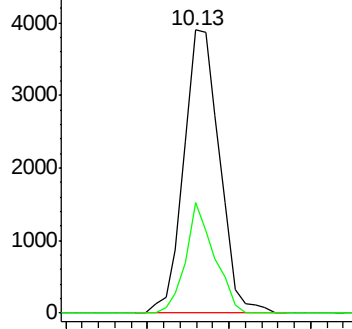
#65
Chlorobenzene
Concen: 1.215 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 5945
Ion Ratio Lower Upper
112 100
114 38.9 26.2 39.4

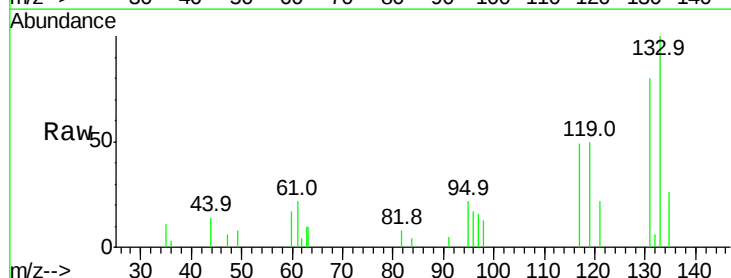


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

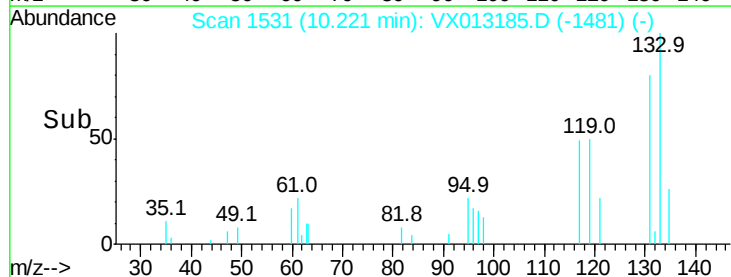
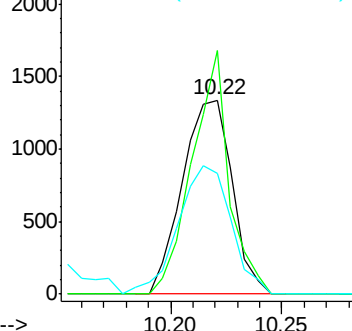


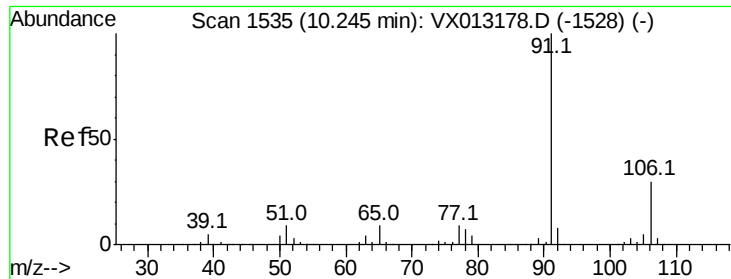
#66
1,1,1,2-Tetrachloroethane
Concen: 1.164 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion:131 Resp: 2086
Ion Ratio Lower Upper
131 100
133 93.2 47.3 141.9
119 70.5 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

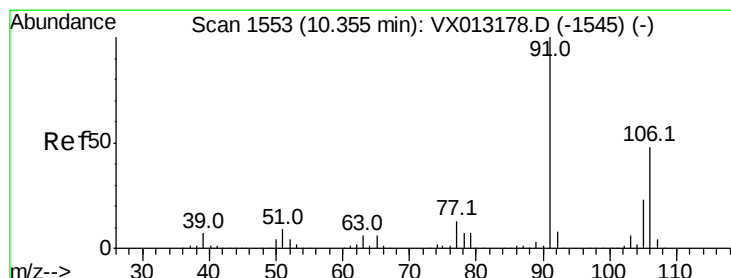
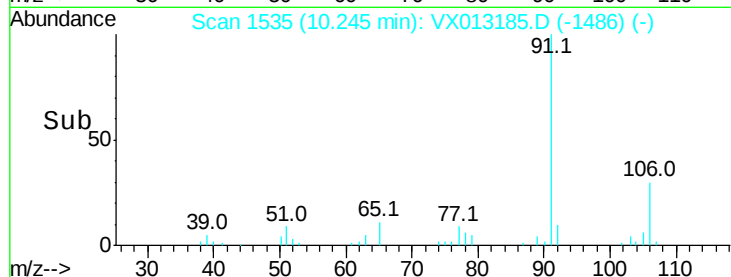
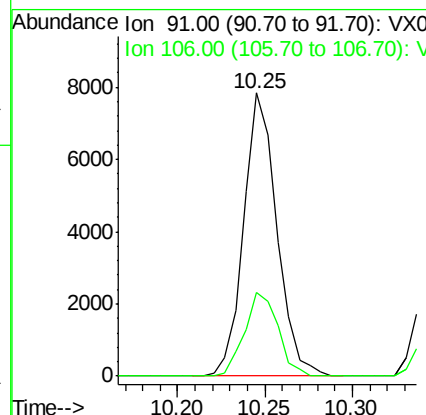
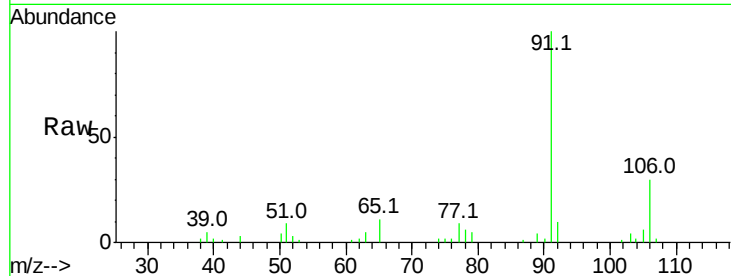




#67
Ethyl Benzene
Concen: 1.179 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

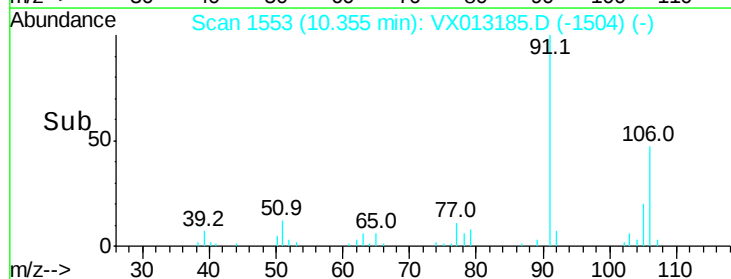
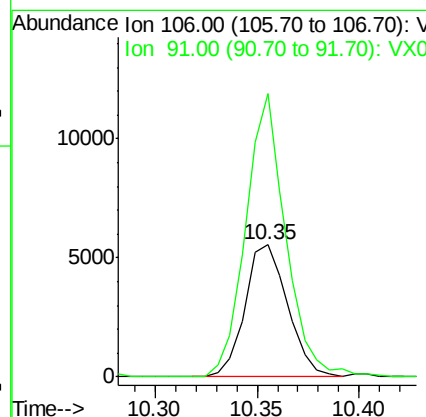
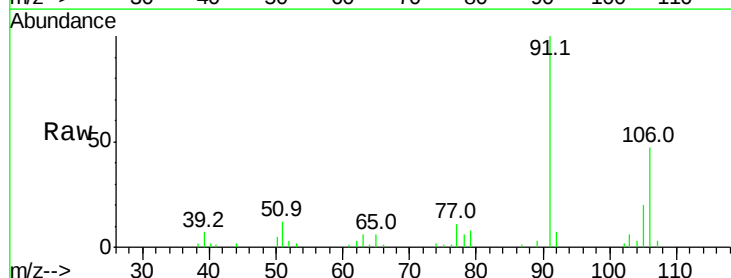
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

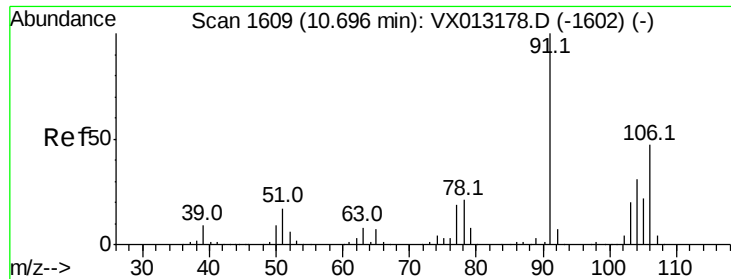
Tgt Ion: 91 Resp: 10310
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 2.438 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion: 106 Resp: 8058
Ion Ratio Lower Upper
106 100
91 200.8 166.3 249.5

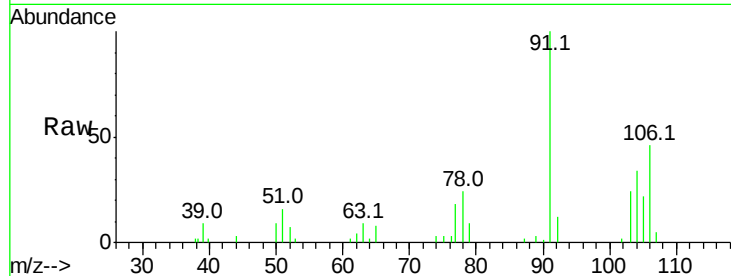




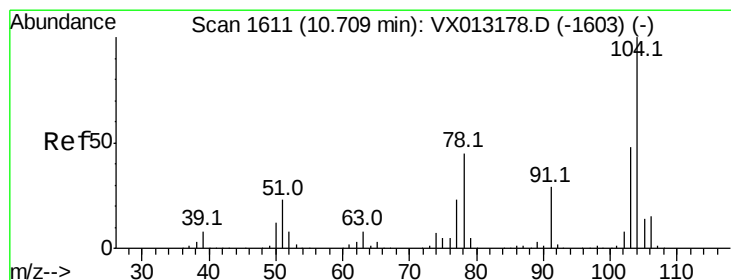
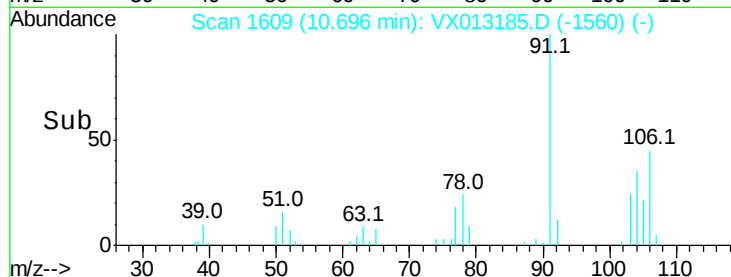
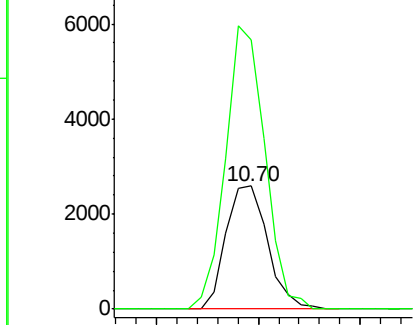
#69
o-Xylene
Concen: 1.146 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3689
Ion Ratio Lower Upper
106 100
91 215.0 109.5 328.4

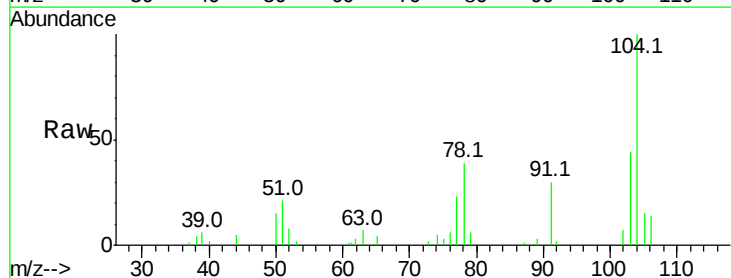


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

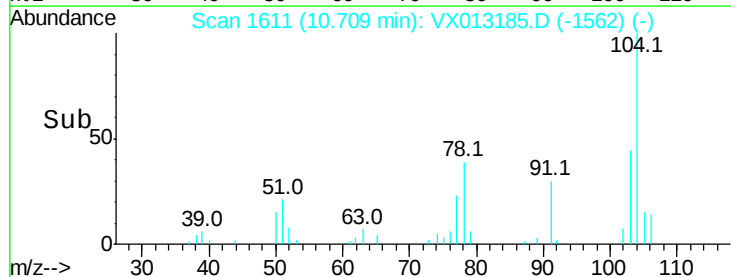
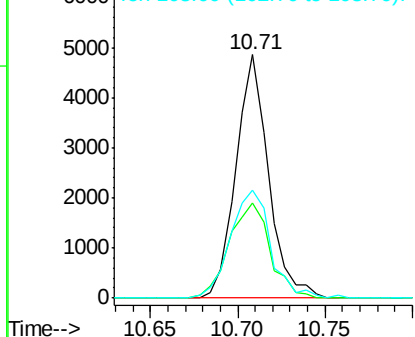


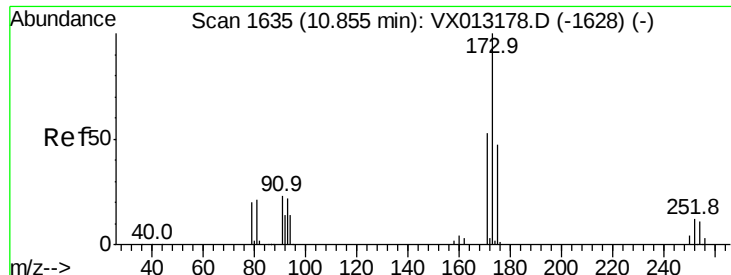
#70
Styrene
Concen: 1.160 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion:104 Resp: 6288
Ion Ratio Lower Upper
104 100
78 48.9 42.2 63.2
103 54.9 43.0 64.6



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

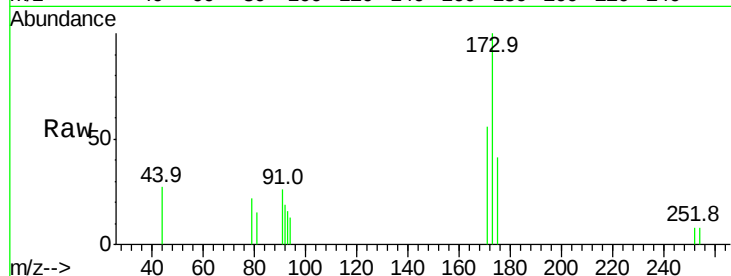




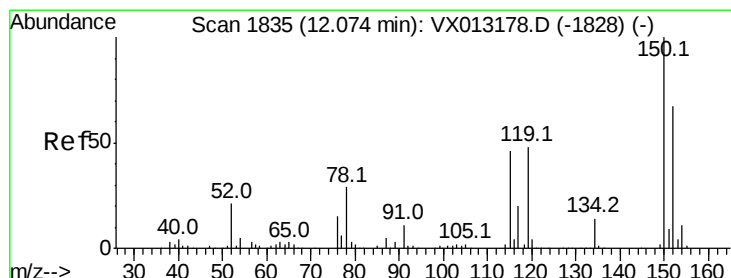
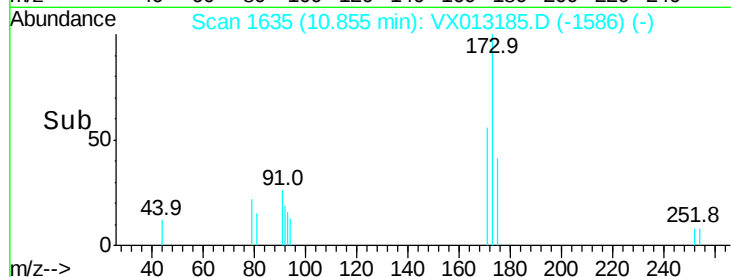
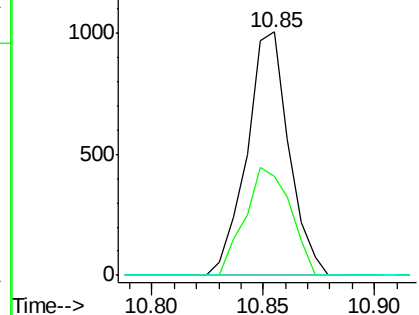
#71
Bromoform
Concen: 1.024 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:173 Resp: 1325
Ion Ratio Lower Upper
173 100
175 47.4 24.4 73.4
254 0.0 0.1 0.1#

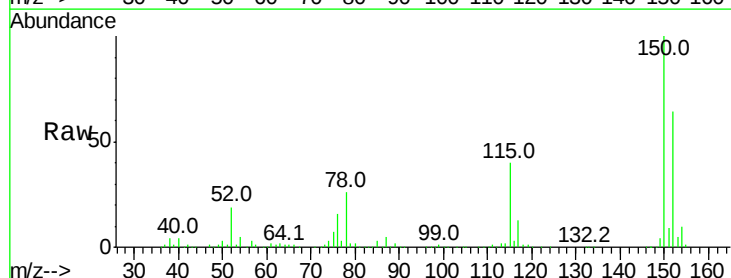


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

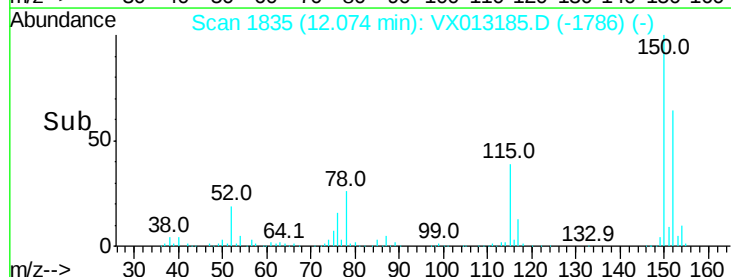
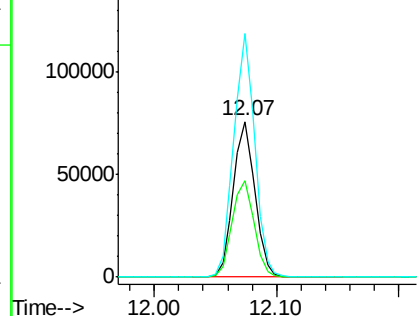


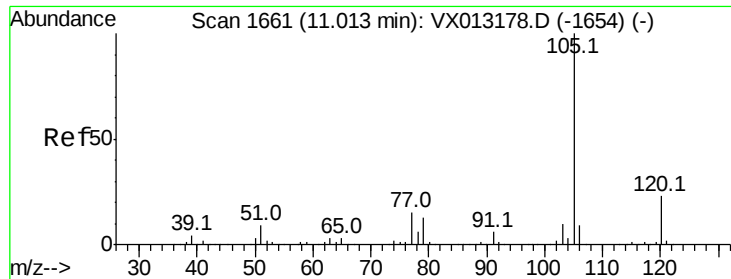
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013185.D
Acq: 23 Oct 2019 13:08

Tgt Ion:152 Resp: 92163
Ion Ratio Lower Upper
152 100
115 63.1 46.3 138.9
150 152.3 0.0 339.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.230 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

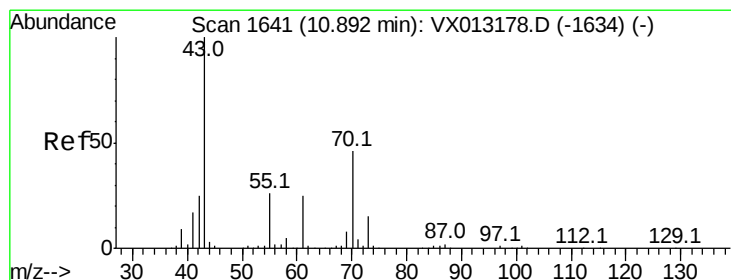
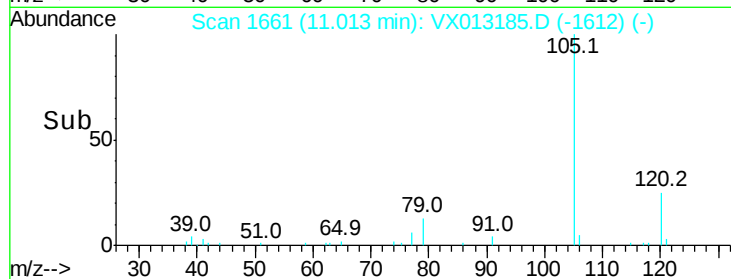
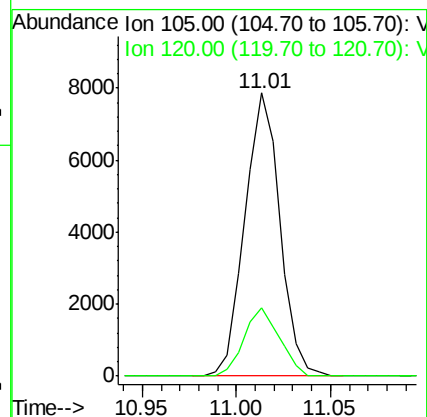
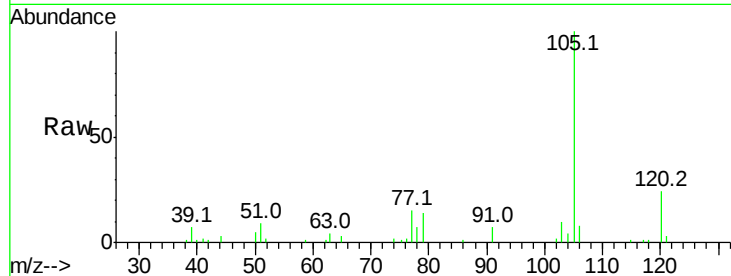
VSTDIC001

Tgt Ion:105 Resp: 10157

Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.8



#74

N-ethyl acetate

Concen: 1.114 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Tgt Ion: 43 Resp: 3438

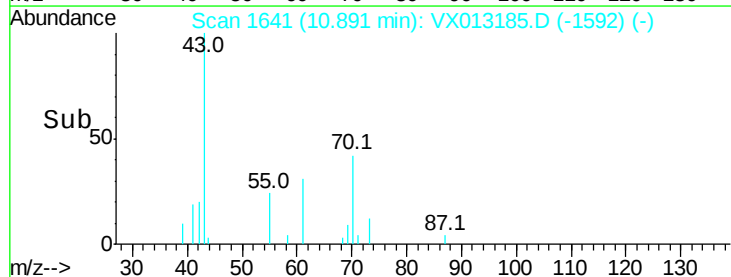
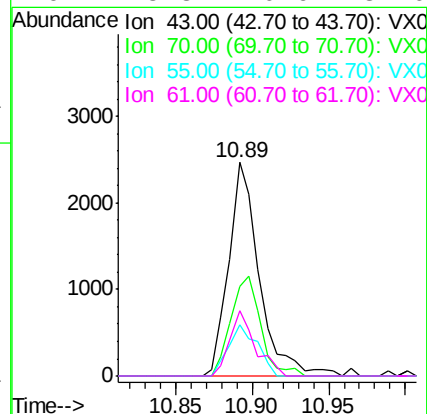
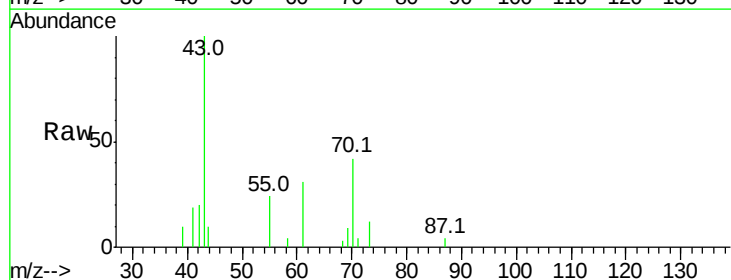
Ion Ratio Lower Upper

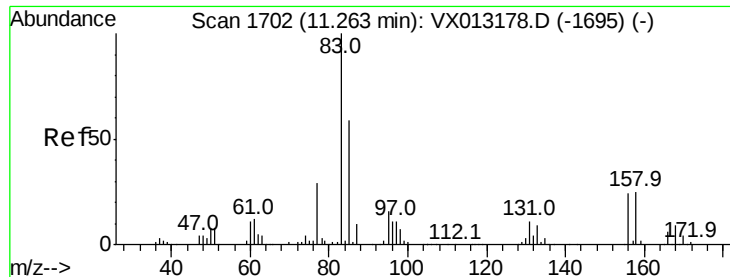
43 100

70 45.2 37.8 56.8

55 22.5 20.6 31.0

61 25.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.185 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

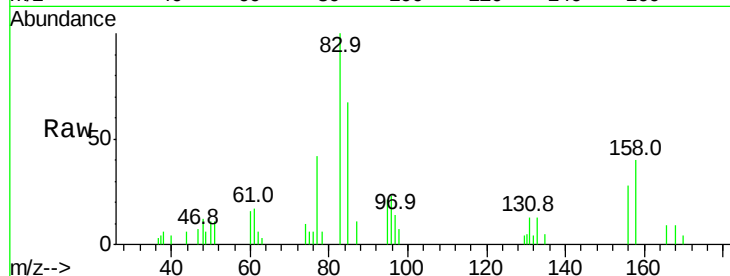
Tgt Ion: 83 Resp: 3031

Ion Ratio Lower Upper

83 100

131 10.1 5.6 16.8

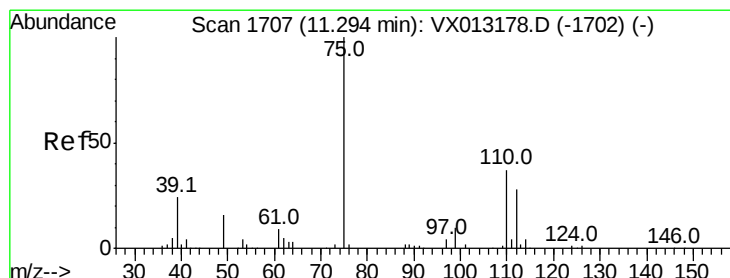
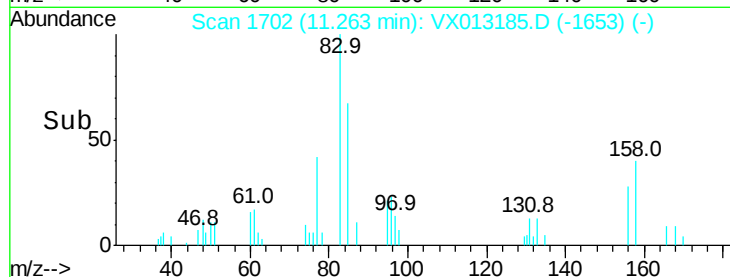
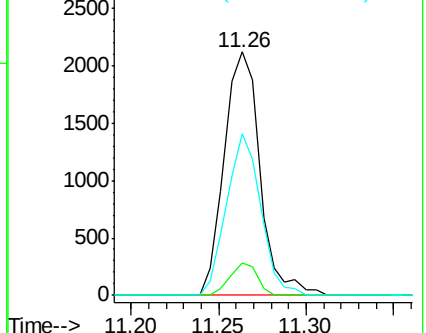
85 63.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.720 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013185.D

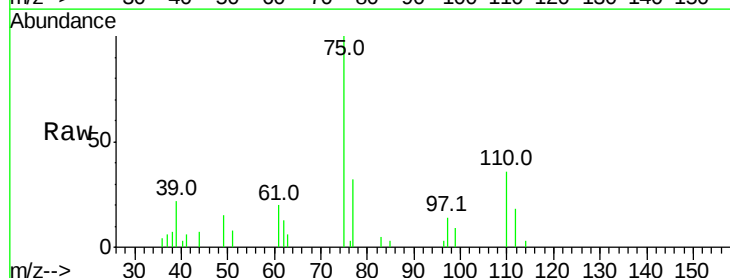
Acq: 23 Oct 2019 13:08

Tgt Ion: 75 Resp: 3671

Ion Ratio Lower Upper

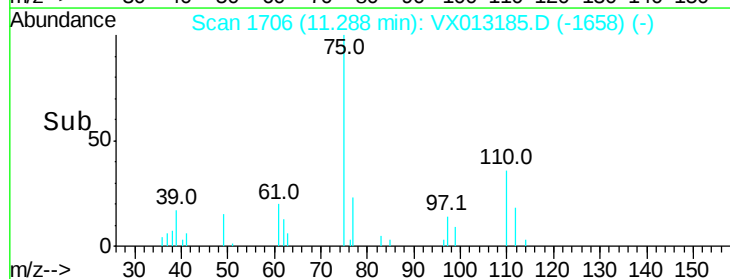
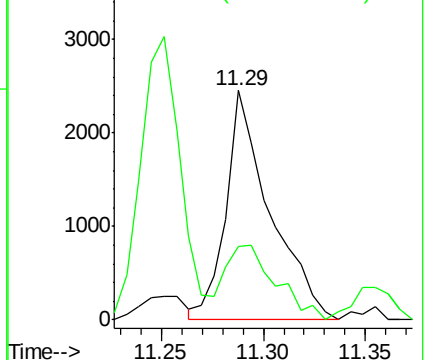
75 100

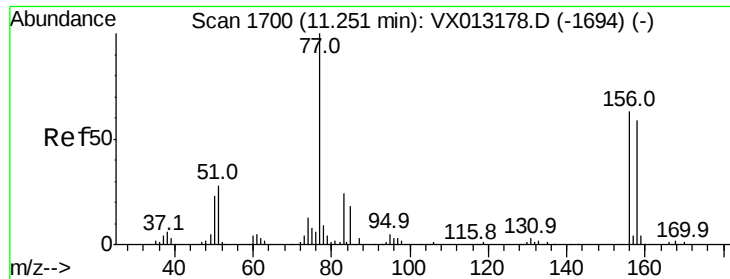
77 36.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.238 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

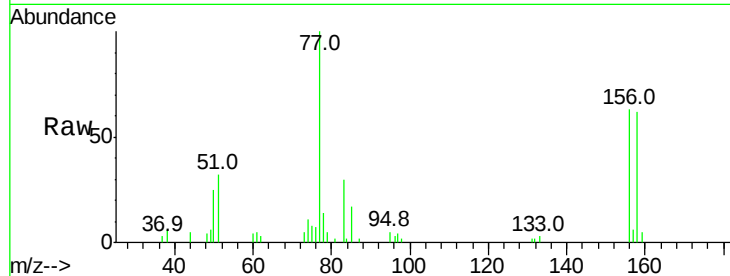
Tgt Ion:156 Resp: 2418

Ion Ratio Lower Upper

156 100

77 171.0 81.5 244.4

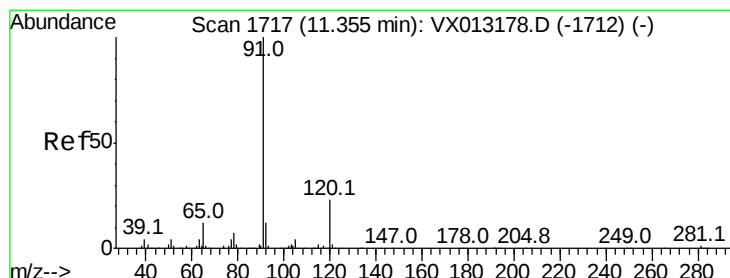
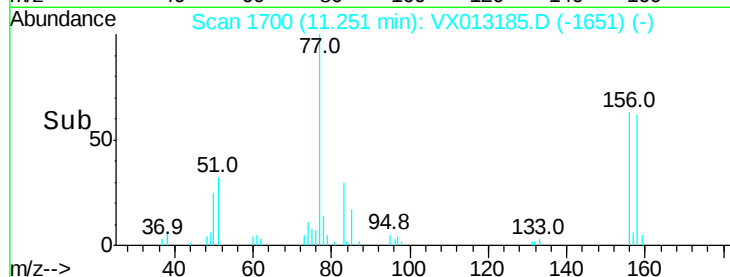
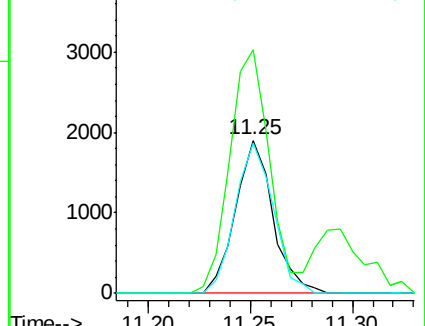
158 100.2 49.0 147.2



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: 1.235 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013185.D

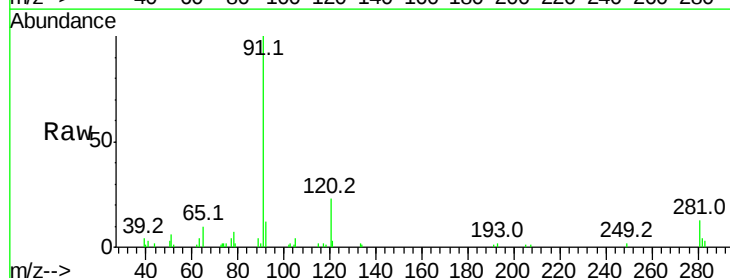
Acq: 23 Oct 2019 13:08

Tgt Ion: 91 Resp: 10931

Ion Ratio Lower Upper

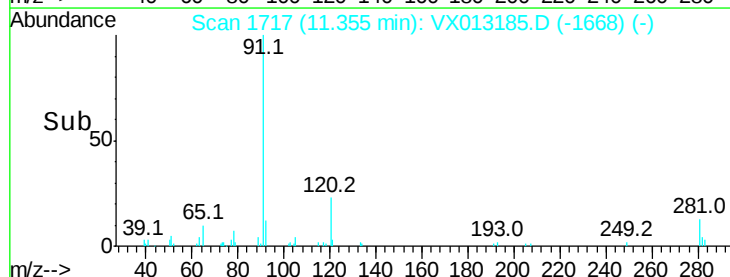
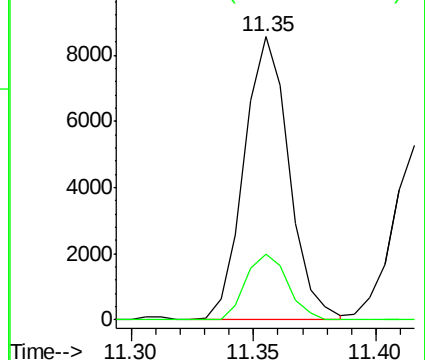
91 100

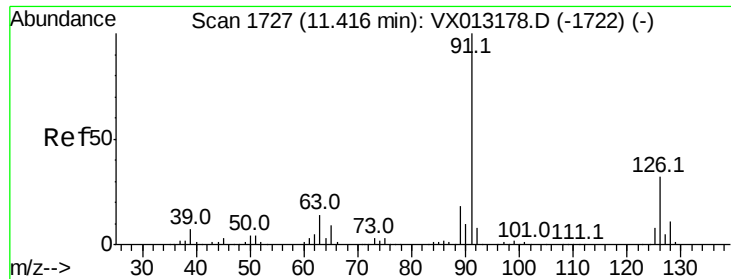
120 21.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

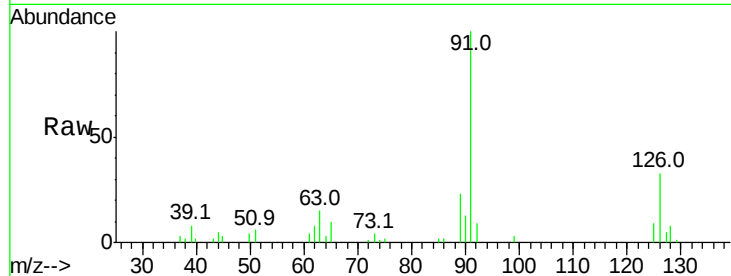




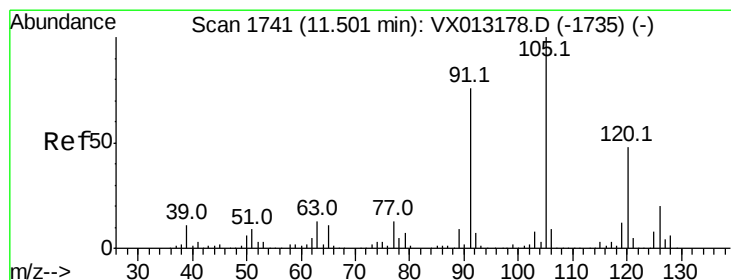
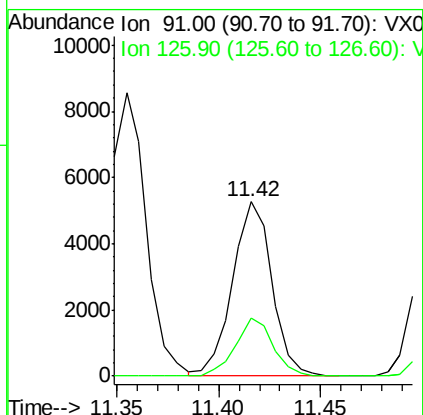
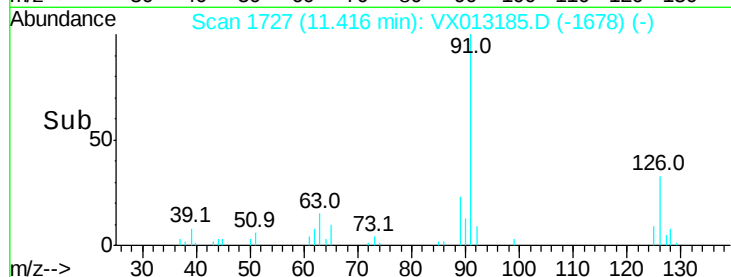
#79
 2-Chlorotoluene
 Concen: 1.240 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 91 Resp: 7063
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.1 48.3

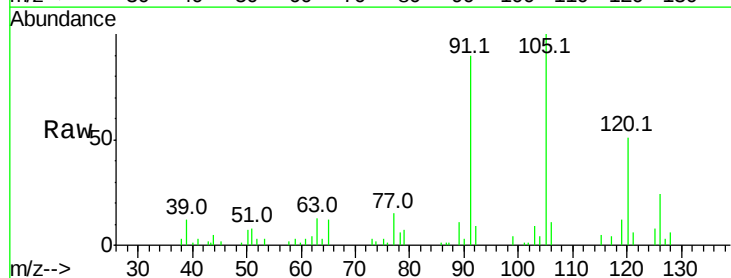


Abundance Ion 91.00 (90.70 to 91.70): VX013185.D (-1722) (-)
 Ion 125.90 (125.60 to 126.60): VX013185.D (-1722) (-)

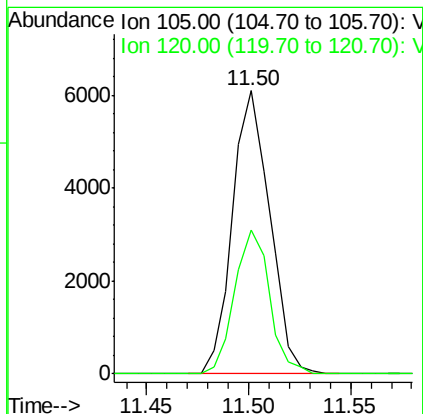
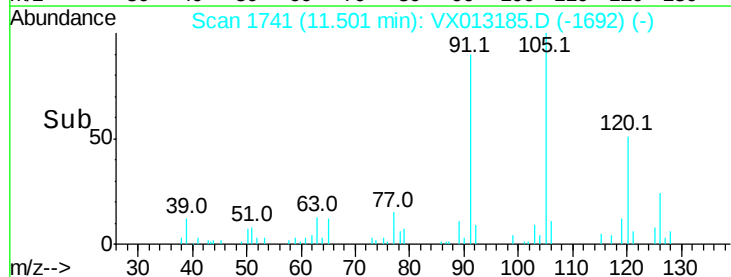


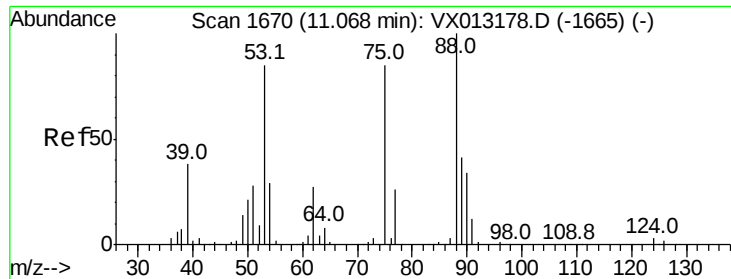
#80
 1,3,5-Trimethylbenzene
 Concen: 1.115 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion: 105 Resp: 7703
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX013185.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX013185.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 1.023 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

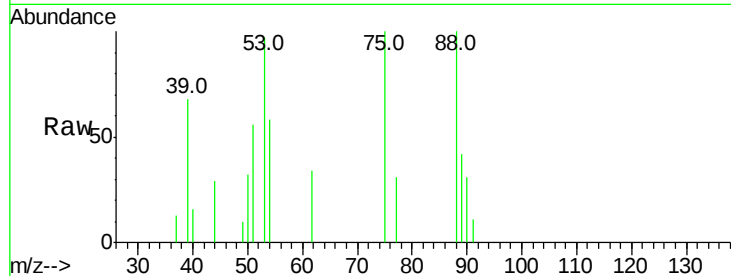
Tgt Ion: 75 Resp: 854

Ion Ratio Lower Upper

75 100

53 90.9 76.0 114.0

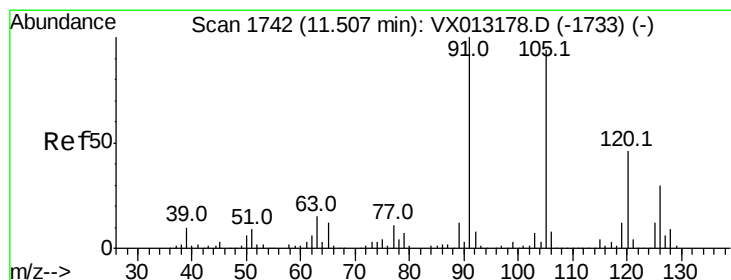
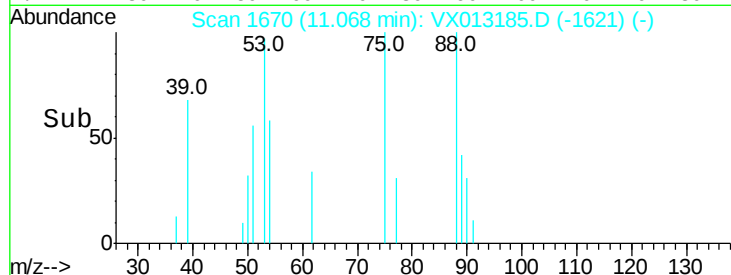
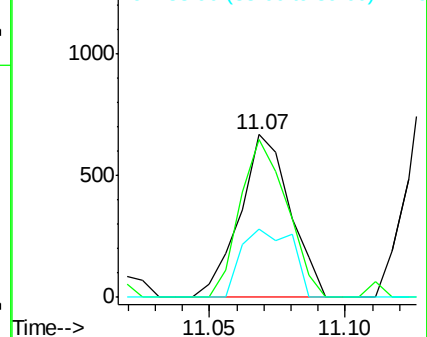
89 42.3 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.188 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013185.D

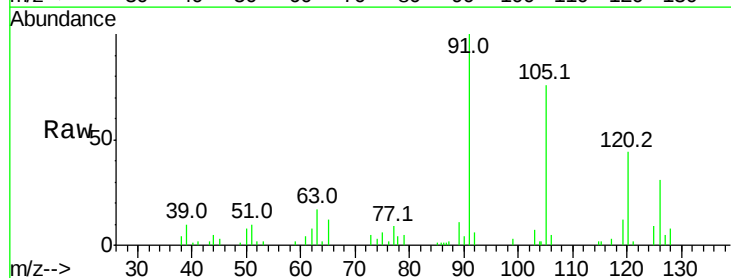
Acq: 23 Oct 2019 13:08

Tgt Ion: 91 Resp: 7711

Ion Ratio Lower Upper

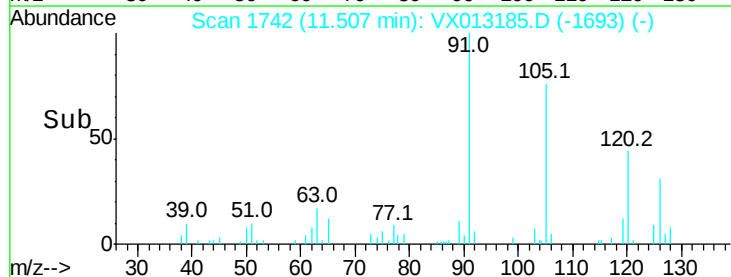
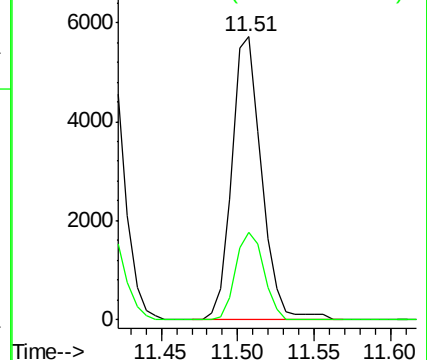
91 100

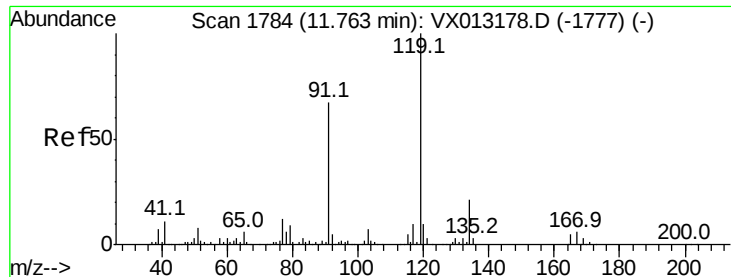
126 29.1 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

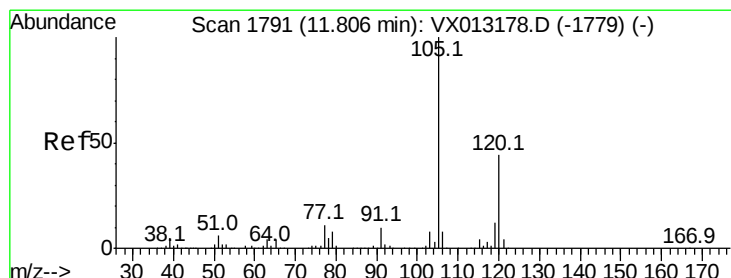
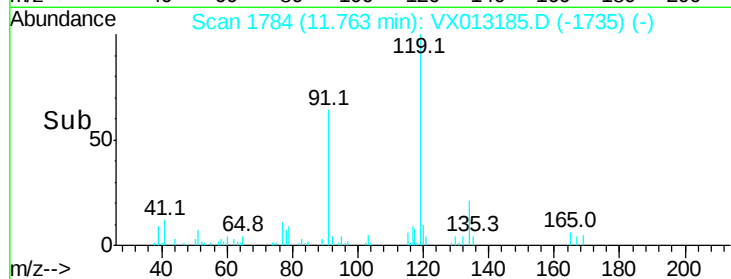
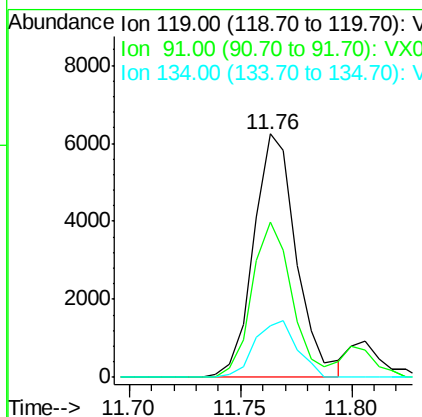
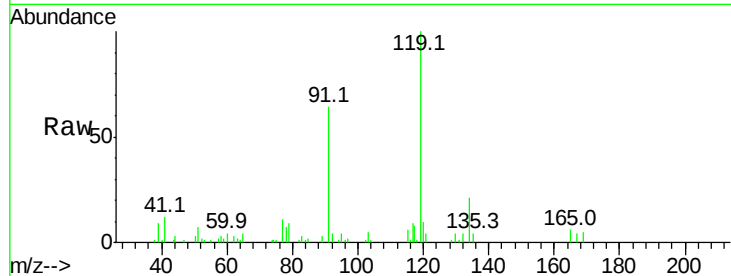




#83
 tert-Butylbenzene
 Concen: 1.235 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

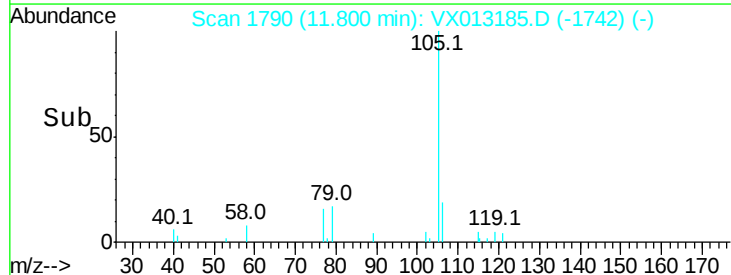
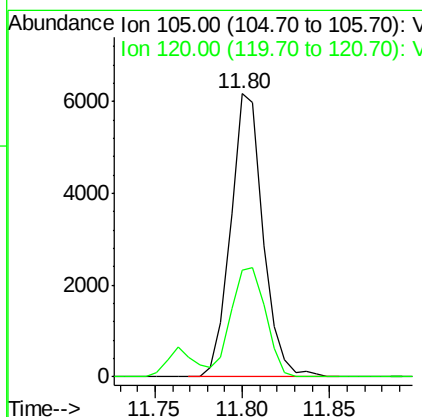
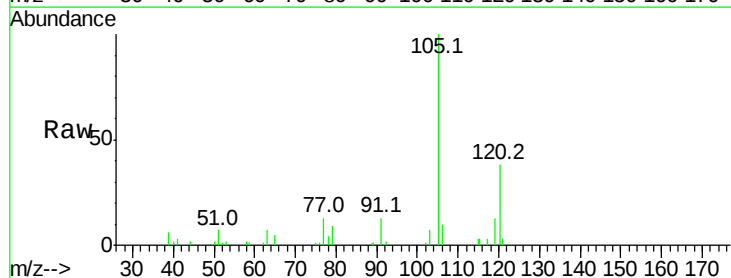
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

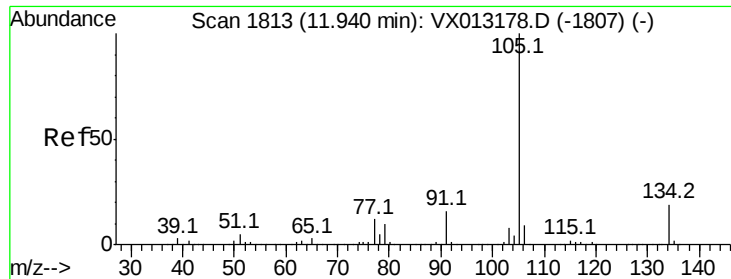
Tgt Ion:119 Resp: 8338
 Ion Ratio Lower Upper
 119 100
 91 59.5 30.4 91.2
 134 23.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 1.120 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion:105 Resp: 7934
 Ion Ratio Lower Upper
 105 100
 120 41.1 21.6 64.8

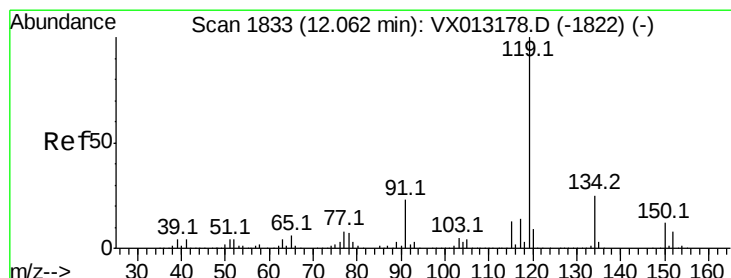
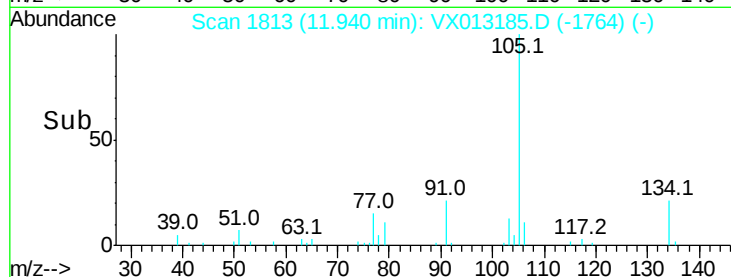
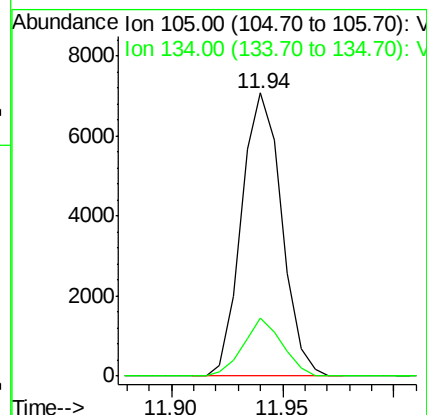
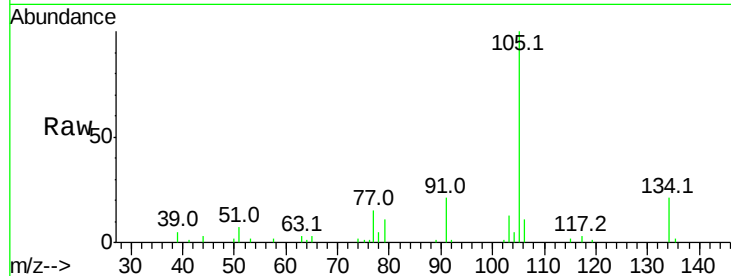




#85
 sec-Butylbenzene
 Concen: 1.144 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

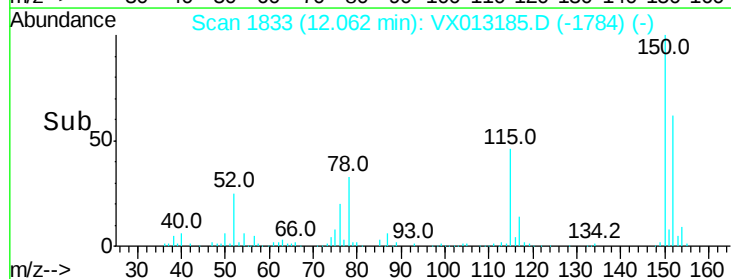
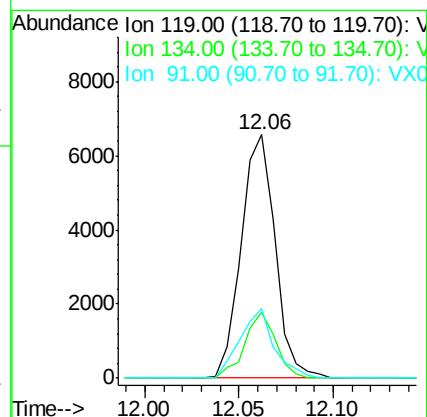
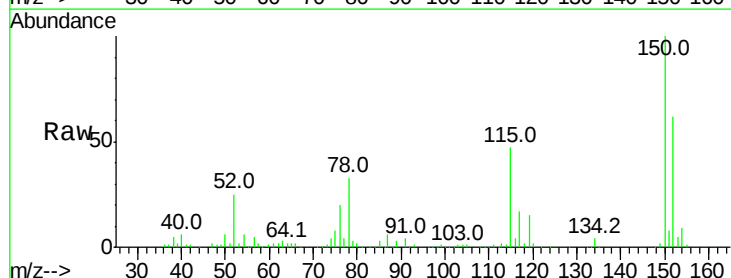
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

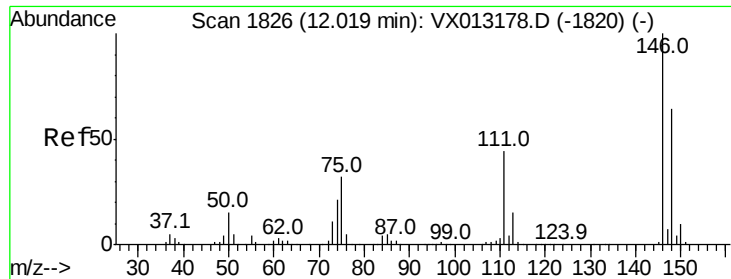
Tgt Ion:105 Resp: 8888
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 1.128 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion:119 Resp: 8235
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.3 36.9
 91 28.4 12.4 37.0

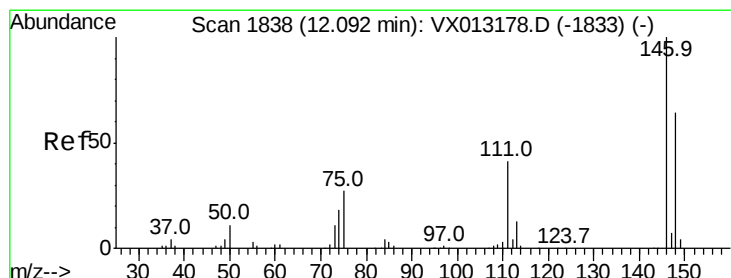
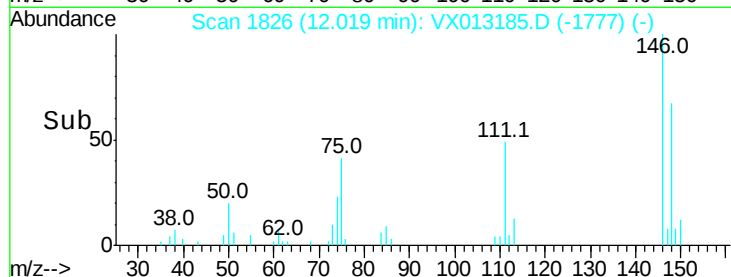
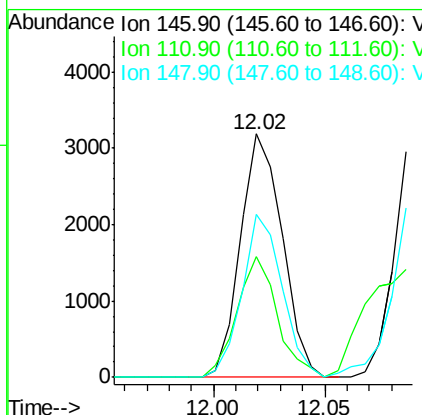
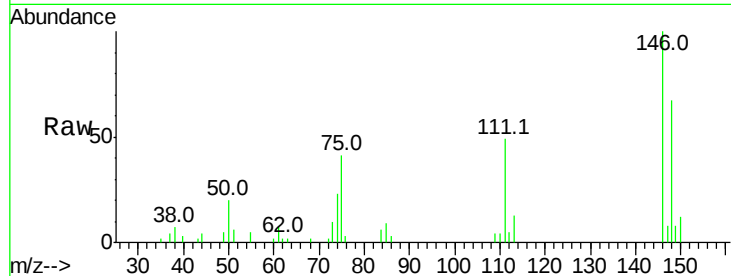




#87
 1,3-Dichlorobenzene
 Concen: 1.146 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

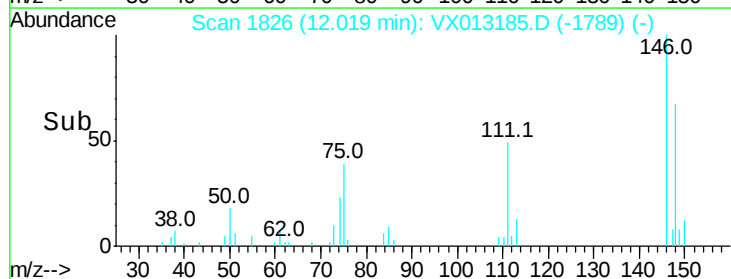
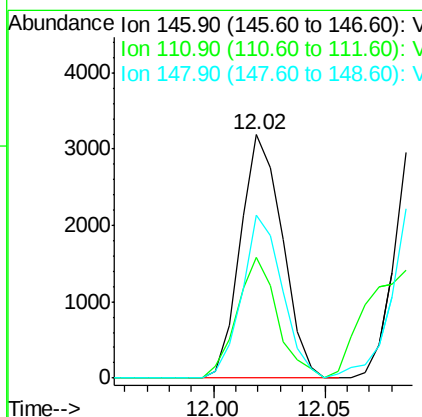
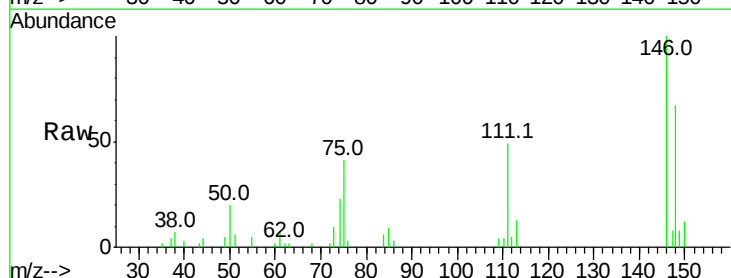
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

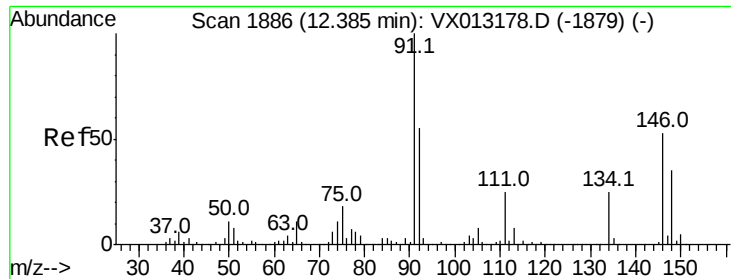
Tgt Ion:146 Resp: 4178
 Ion Ratio Lower Upper
 146 100
 111 47.8 21.6 64.8
 148 64.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 1.129 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion:146 Resp: 4178
 Ion Ratio Lower Upper
 146 100
 111 47.8 21.1 63.1
 148 64.6 32.5 97.5





#89

n-Butylbenzene

Concen: 1.046 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

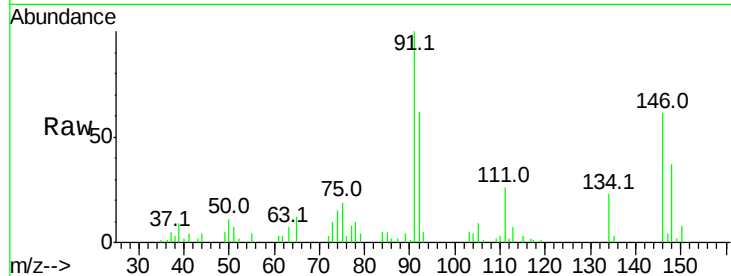
Tgt Ion: 91 Resp: 6312

Ion Ratio Lower Upper

91 100

92 61.9 27.3 81.8

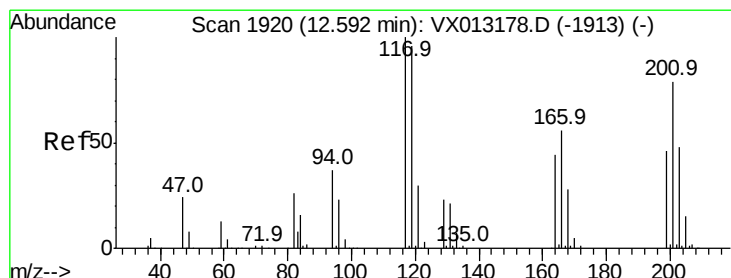
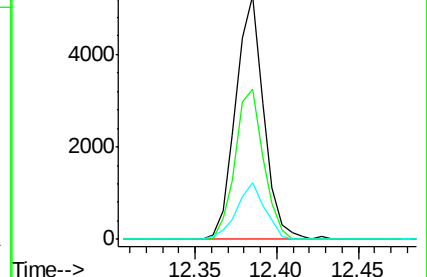
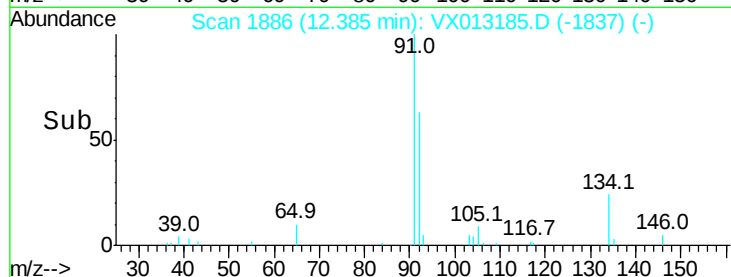
134 23.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX013185.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013185.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013185.D (-1837) (-)



#90

Hexachloroethane

Concen: 1.035 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013185.D

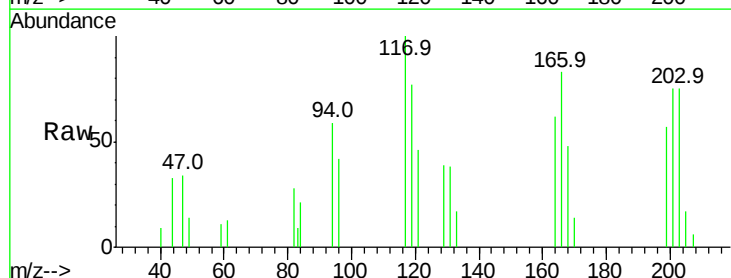
Acq: 23 Oct 2019 13:08

Tgt Ion: 117 Resp: 1286

Ion Ratio Lower Upper

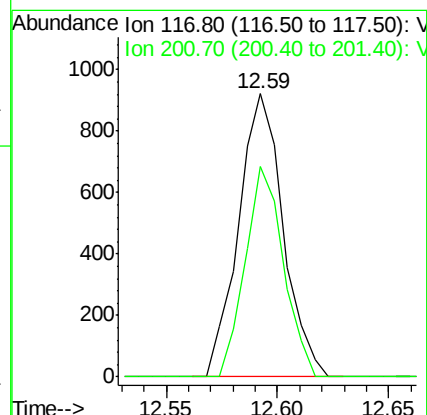
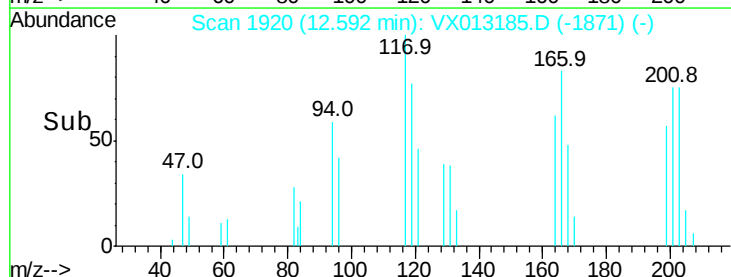
117 100

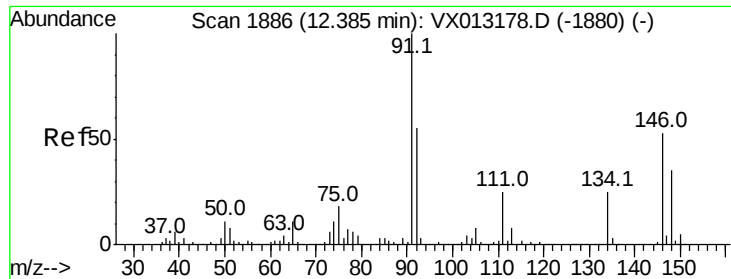
201 63.6 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX013185.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013185.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 1.278 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

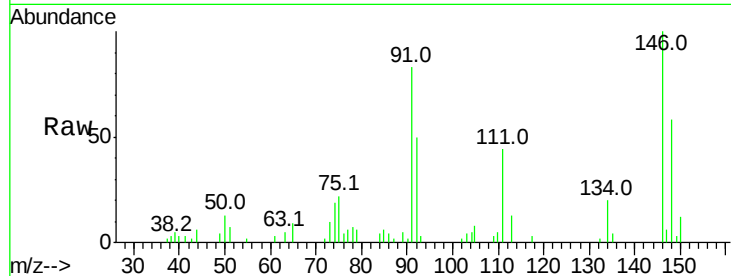
Tgt Ion: 146 Resp: 4529

Ion Ratio Lower Upper

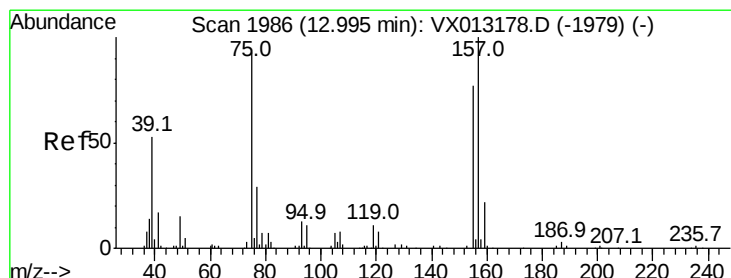
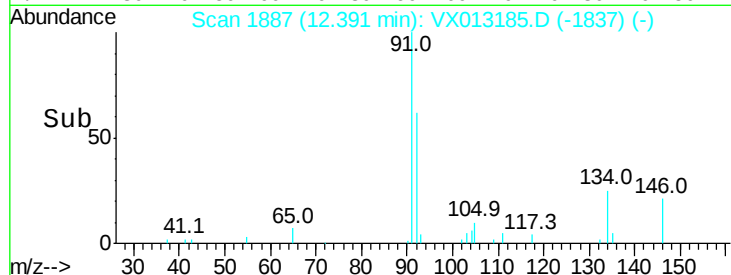
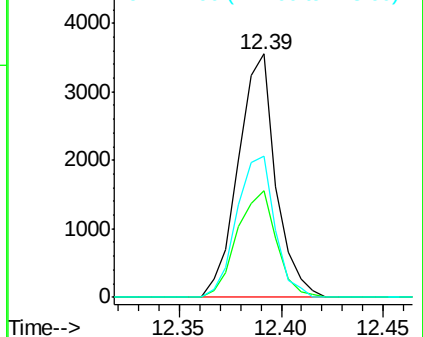
146 100

111 45.9 22.4 67.0

148 58.7 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.186 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

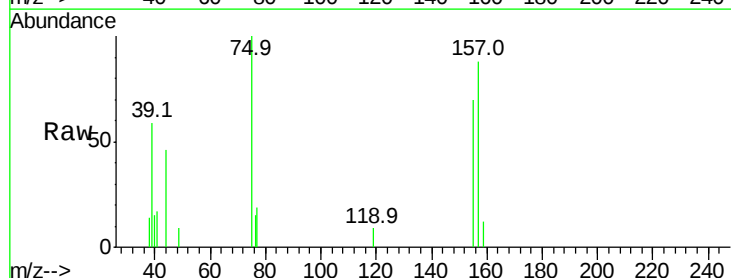
Tgt Ion: 75 Resp: 733

Ion Ratio Lower Upper

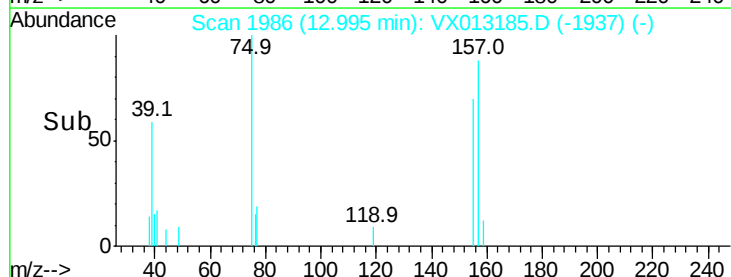
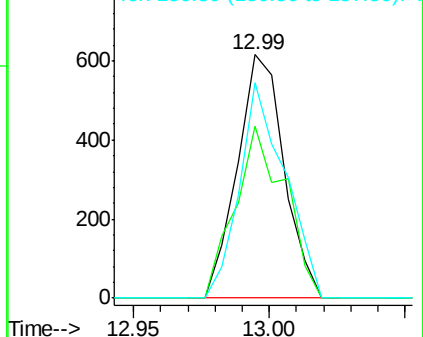
75 100

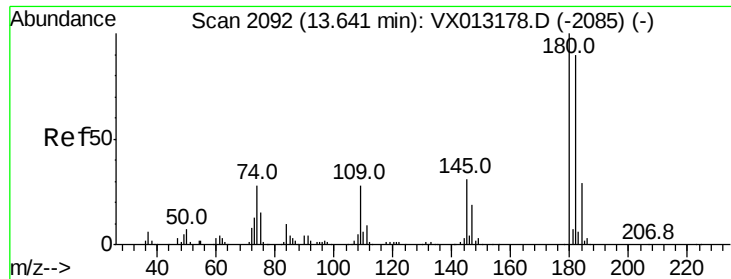
155 75.3 42.4 127.2

157 86.1 54.4 163.1



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

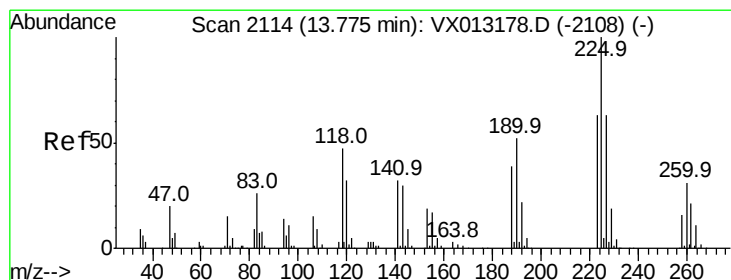
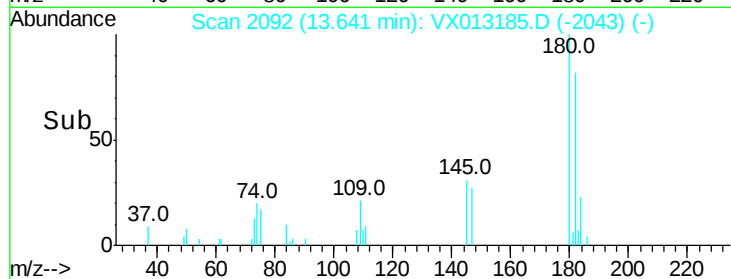
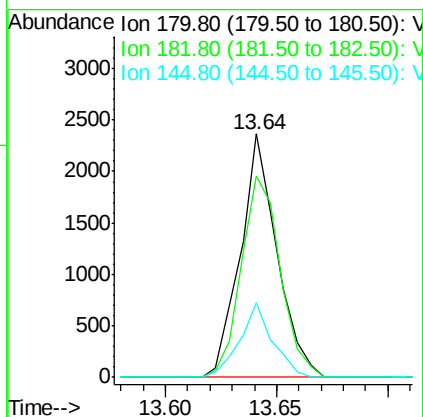
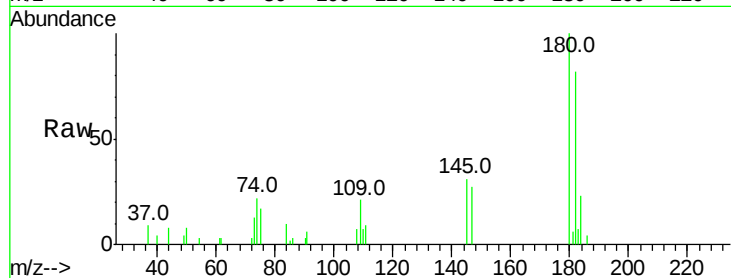




#93
 1,2,4-Trichlorobenzene
 Concen: 1.201 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

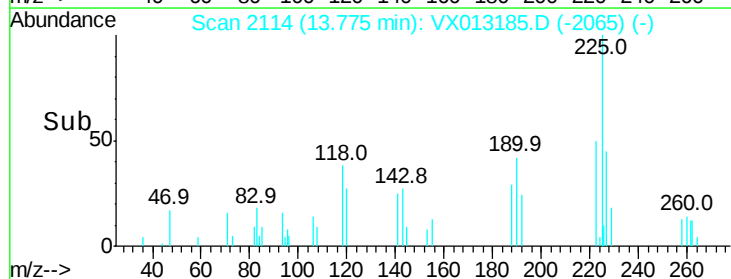
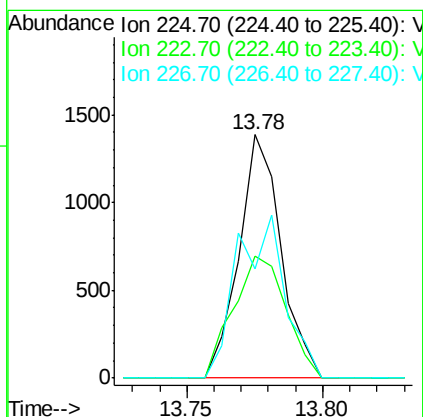
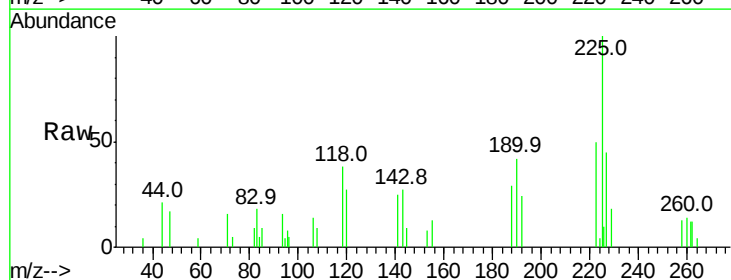
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

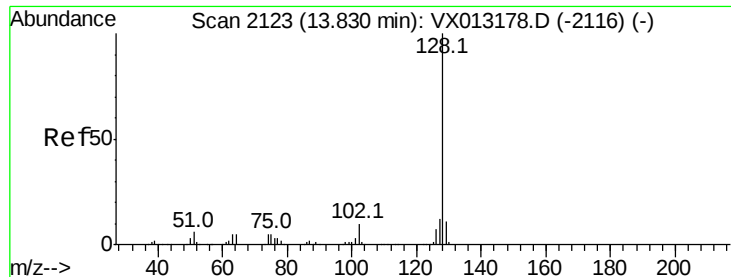
Tgt Ion:180 Resp: 2702
 Ion Ratio Lower Upper
 180 100
 182 88.6 46.3 138.9
 145 27.8 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 1.298 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013185.D
 Acq: 23 Oct 2019 13:08

Tgt Ion:225 Resp: 1480
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.2
 227 77.0 33.0 98.9





#95

Naphthalene

Concen: 0.982 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

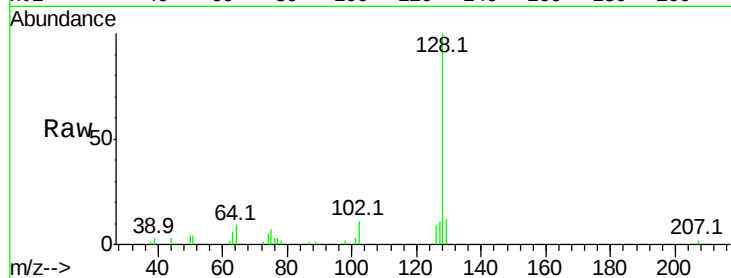
Tgt Ion:128 Resp: 6908

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

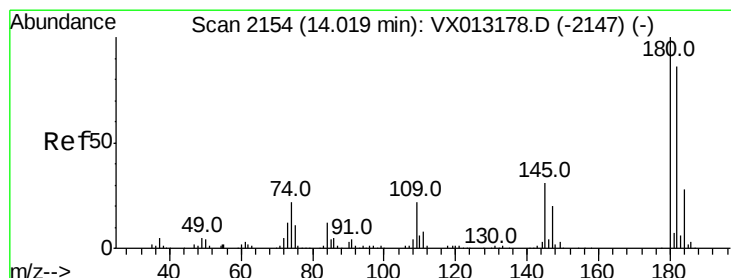
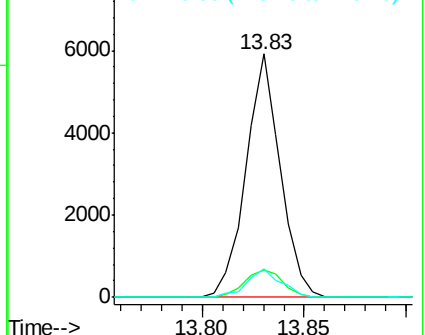
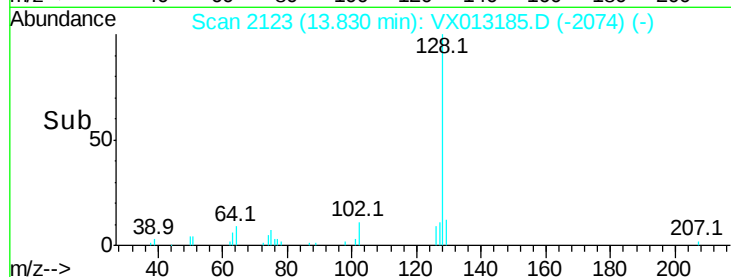
129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.093 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013185.D

Acq: 23 Oct 2019 13:08

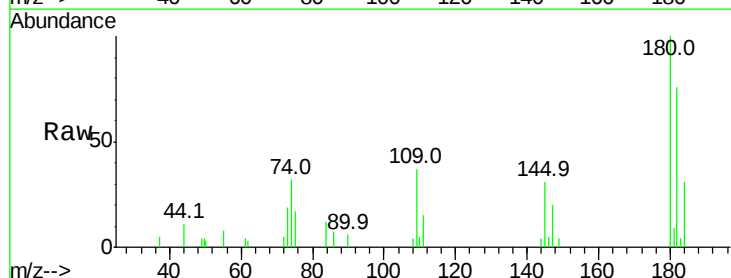
Tgt Ion:180 Resp: 2469

Ion Ratio Lower Upper

180 100

182 90.8 48.1 144.4

145 32.0 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

