

Data File : VX013190.D
Acq On : 23 Oct 2019 15:08
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 23 15:51:24 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	83606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	124376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	126741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	263755	146.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.00%	
35) Dibromofluoromethane	5.49	113	214130	147.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.18%	
50) Toluene-d8	8.71	98	785959	148.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.58%	
62) 4-Bromofluorobenzene	11.14	95	319941	146.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	240149	139.700	ug/l	100
3) Chloromethane	1.31	50	214229	143.187	ug/l	100
4) Vinyl Chloride	1.40	62	225377	145.680	ug/l	99
5) Bromomethane	1.62	94	114205	138.118	ug/l	100
6) Chloroethane	1.70	64	117473	111.860	ug/l	96
7) Trichlorofluoromethane	1.91	101	360410	143.143	ug/l	100
8) Diethyl Ether	2.18	74	122028	141.210	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	214865	141.178	ug/l	99
10) Methyl Iodide	2.50	142	293198	160.046	ug/l	99
11) Tert butyl alcohol	3.06	59	285325	647.137	ug/l	99
12) 1,1-Dichloroethene	2.36	96	212105	146.662	ug/l	98
13) Acrolein	2.28	56	169643	669.936	ug/l	98
14) Allyl chloride	2.71	41	334752	148.228	ug/l	99
15) Acrylonitrile	3.14	53	575308	718.026	ug/l	100
16) Acetone	2.44	43	594120	708.447	ug/l	100
17) Carbon Disulfide	2.55	76	573119	148.107	ug/l	100
18) Methyl Acetate	2.76	43	275193	143.960	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	738615	147.401	ug/l	98
20) Methylene Chloride	2.84	84	232099	132.224	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	223361	140.576	ug/l	97
22) Diisopropyl ether	3.85	45	637905	144.916	ug/l	91
23) Vinyl Acetate	3.81	43	2854035	745.050	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394383	146.235	ug/l	99
25) 2-Butanone	4.67	43	829491	725.202	ug/l	99
26) 2,2-Dichloropropane	4.57	77	375153	154.399	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	257613	145.014	ug/l	98
28) Bromochloromethane	5.01	49	106177	147.262	ug/l	100
29) Tetrahydrofuran	5.12	42	490067	714.138	ug/l	99
30) Chloroform	5.20	83	417675	143.306	ug/l	100
31) Cyclohexane	5.57	56	341889	146.151	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	393165	150.370	ug/l	100
36) 1,1-Dichloropropene	5.79	75	313445	140.646	ug/l	99
37) Ethyl Acetate	4.83	43	304917	138.476	ug/l	99
38) Carbon Tetrachloride	5.77	117	344622	151.605	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	383749	145.213	ug/l	96
40) Benzene	6.14	78	897257	141.585	ug/l	98
41) Methacrylonitrile	5.03	41	170582	146.240	ug/l	97
42) 1,2-Dichloroethane	6.18	62	342168	143.708	ug/l	99
43) Isopropyl Acetate	6.43	43	524798	149.383	ug/l	100
44) Trichloroethene	7.20	130	254107	141.539	ug/l	98
45) 1,2-Dichloropropane	7.51	63	224168	142.521	ug/l	100
46) Dibromomethane	7.65	93	162497	146.375	ug/l	100
47) Bromodichloromethane	7.89	83	339327	155.125	ug/l	100
48) Methyl methacrylate	7.76	41	259862	152.527	ug/l	98
49) 1,4-Dioxane	7.73	88	120974	2607.087	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1569400	728.945	ug/l	100
52) Toluene	8.78	92	589585	144.190	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	390594	166.745	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	407844	157.838	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	239562	144.903	ug/l	99
56) Ethyl methacrylate	9.17	69	400343	158.206	ug/l	100
57) 1,3-Dichloropropane	9.37	76	398991	145.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	793278	798.743	ug/l	99
59) 2-Hexanone	9.49	43	1193461	706.693	ug/l	98
60) Dibromochloromethane	9.58	129	277293	163.424	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259037	146.575	ug/l	99
64) Tetrachloroethene	9.33	164	225524	131.019	ug/l	95
65) Chlorobenzene	10.14	112	654905	147.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252076	155.428	ug/l	98
67) Ethyl Benzene	10.25	91	1176209	148.612	ug/l	99
68) m/p-Xylenes	10.35	106	871448	291.304	ug/l	98
69) o-Xylene	10.70	106	428312	146.965	ug/l	99
70) Styrene	10.71	104	755854	154.144	ug/l	100
71) Bromoform	10.85	173	208538	178.005	ug/l #	99
73) Isopropylbenzene	11.01	105	1168757	145.887	ug/l	99
74) N-amyl acetate	10.89	43	462963	154.661	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	359896	145.067	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	429989	207.728	ug/l	82
77) Bromobenzene	11.25	156	279451	147.450	ug/l	98
78) n-propylbenzene	11.35	91	1308556	152.438	ug/l	99
79) 2-Chlorotoluene	11.42	91	812520	147.095	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	999757	149.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	132857	164.129	ug/l	99
82) 4-Chlorotoluene	11.51	91	950820	151.005	ug/l	98
83) tert-Butylbenzene	11.77	119	986149	150.618	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1029616	149.872	ug/l	99
85) sec-Butylbenzene	11.94	105	1139501	151.231	ug/l	99
86) p-Isopropyltoluene	12.06	119	1037879	146.538	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	522073	147.657	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	511317	142.423	ug/l	99
89) n-Butylbenzene	12.38	91	922324	157.514	ug/l	100
90) Hexachloroethane	12.59	117	198265	164.479	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	495209	144.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92751	154.756	ug/l	97

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	321748	147.448	ug/l	95
94) Hexachlorobutadiene	13.78	225	158016	142.823	ug/l	99
95) Naphthalene	13.83	128	1056842	154.936	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327486	149.432	ug/l	98

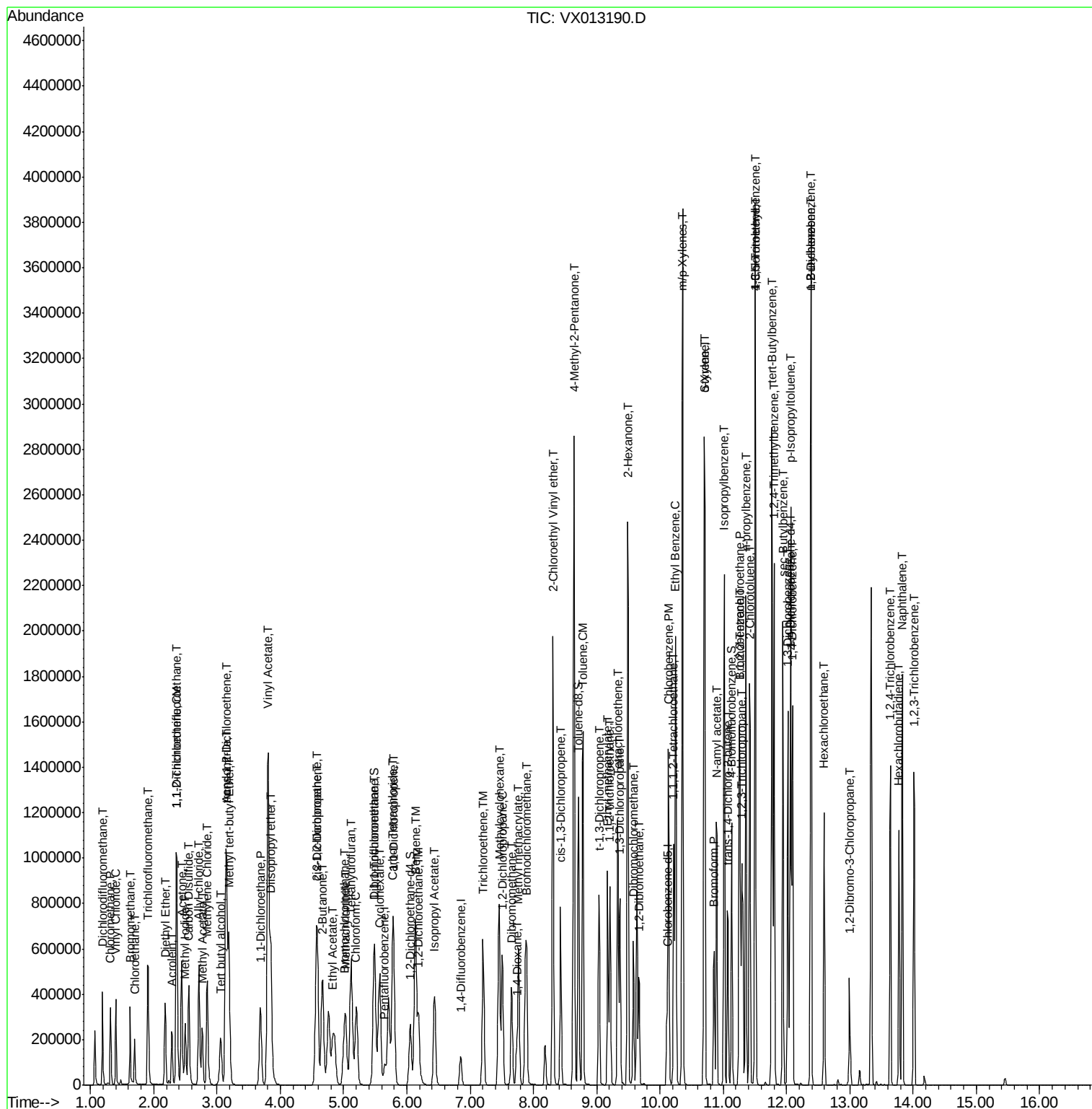
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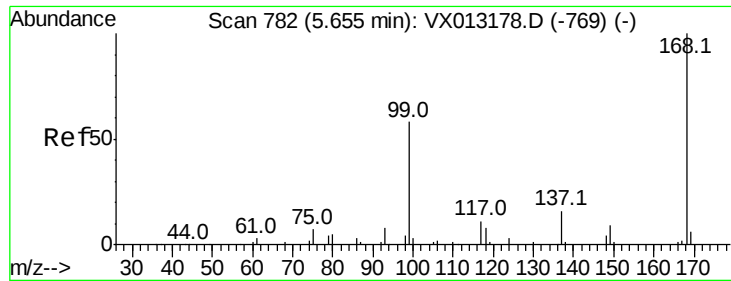
Data File : VX013190.D

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Acq On       : 23 Oct 2019   15:08
Operator    : JC/SP
Sample      : VSTDICC150
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 9      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 23 15:51:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
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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: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

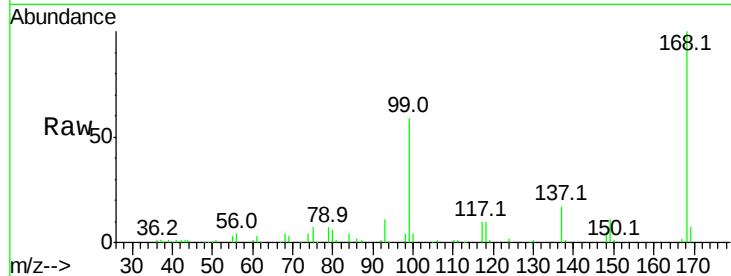
VSTDIC150

Tgt Ion:168 Resp: 83606

Ion Ratio Lower Upper

168 100

99 59.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

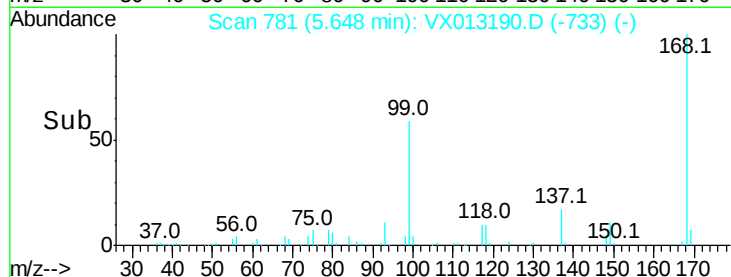
60000

40000

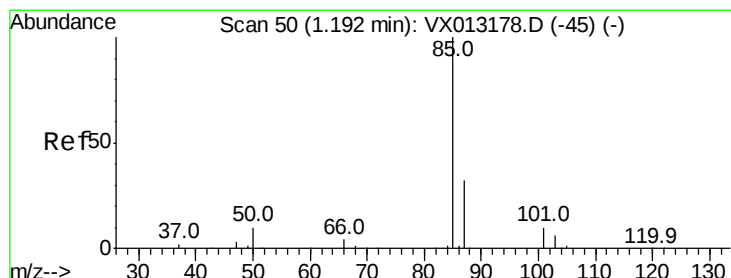
20000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 139.700 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013190.D

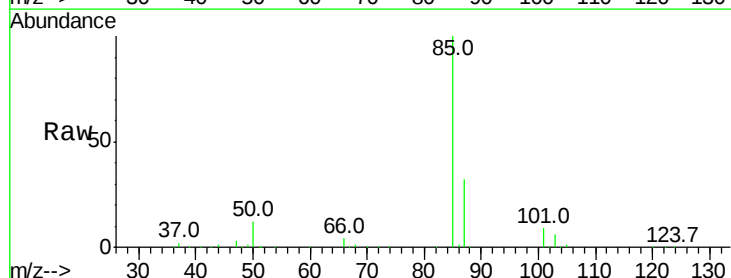
Acq: 23 Oct 2019 15:08

Tgt Ion: 85 Resp: 240149

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

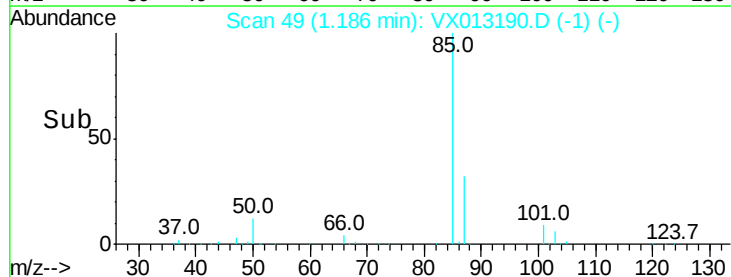
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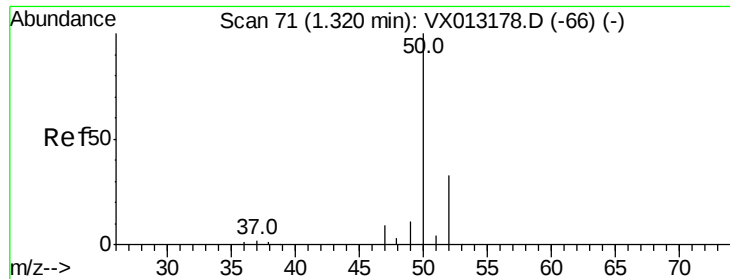
50000

0

1.10 1.20 1.30



Time-->



#3

Chloromethane

Concen: 143.187 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

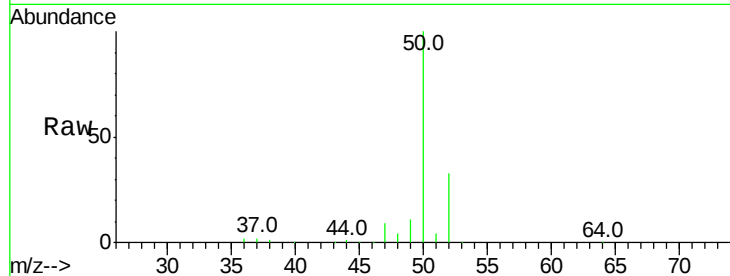
VSTDIC150

Tgt Ion: 50 Resp: 214229

Ion Ratio Lower Upper

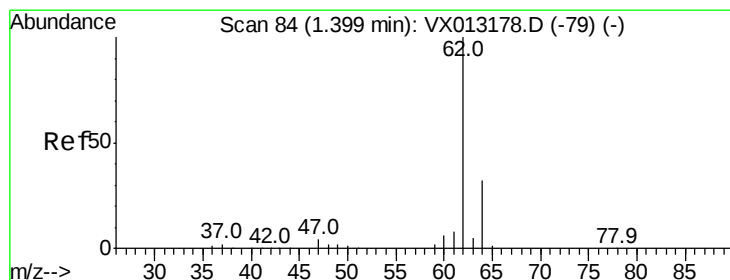
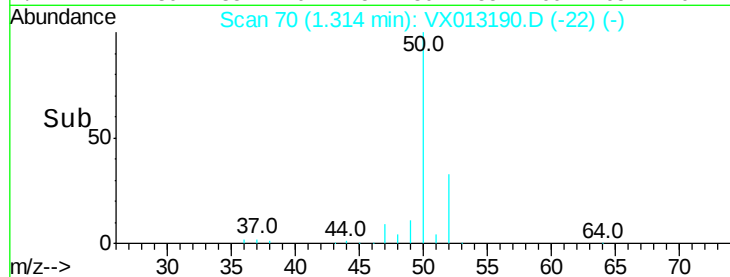
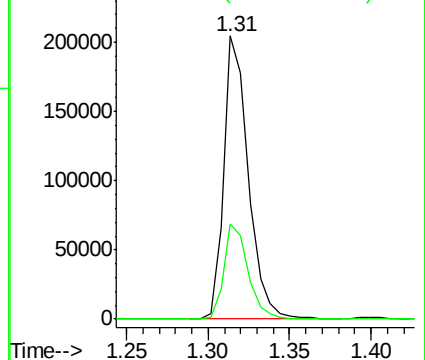
50 100

52 33.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 145.680 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013190.D

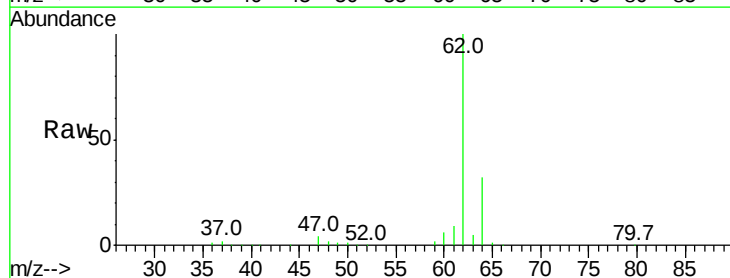
Acq: 23 Oct 2019 15:08

Tgt Ion: 62 Resp: 225377

Ion Ratio Lower Upper

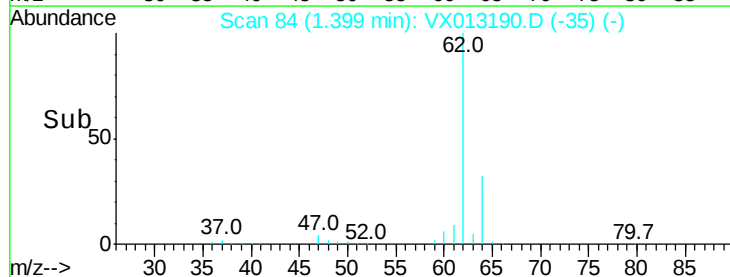
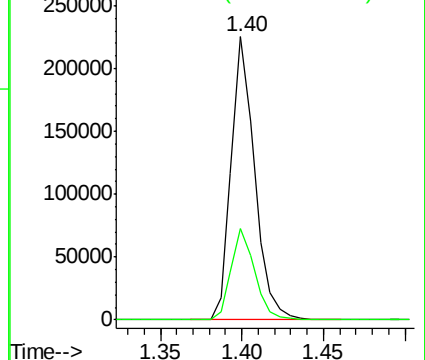
62 100

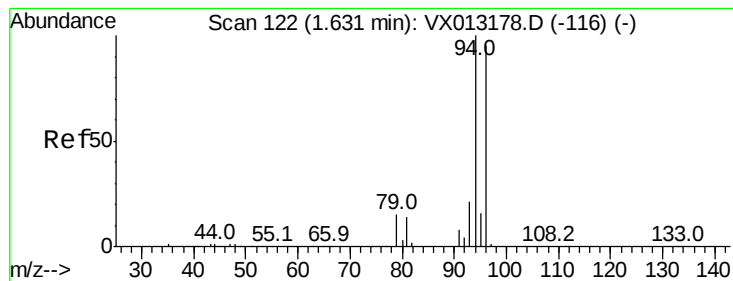
64 32.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 138.118 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

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ClientSampleId :

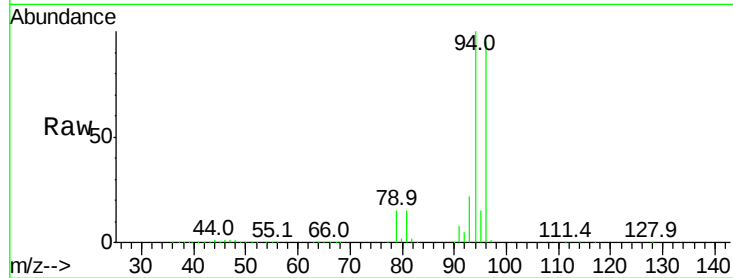
VSTDIC150

Tgt Ion: 94 Resp: 114205

Ion Ratio Lower Upper

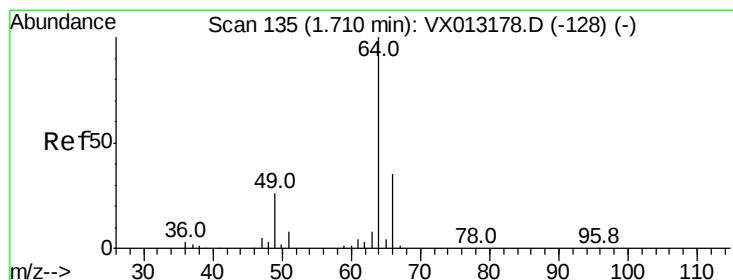
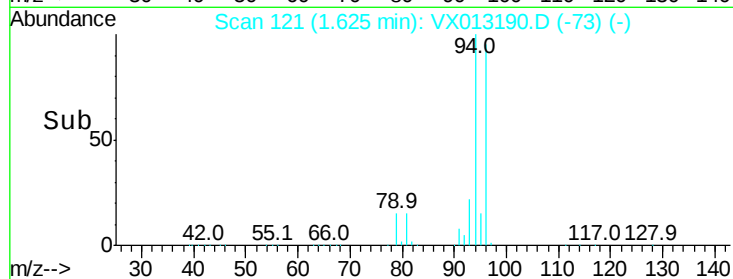
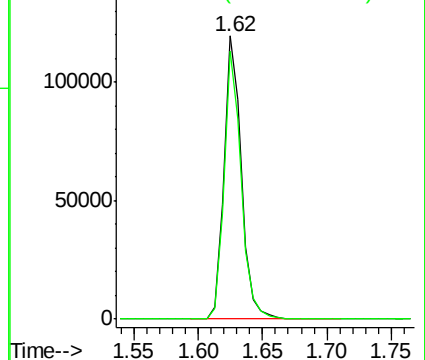
94 100

96 94.9 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 111.860 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013190.D

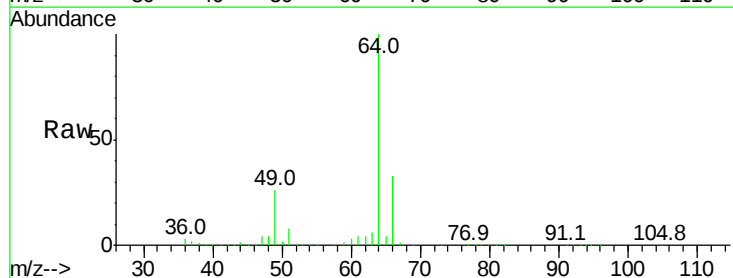
Acq: 23 Oct 2019 15:08

Tgt Ion: 64 Resp: 117473

Ion Ratio Lower Upper

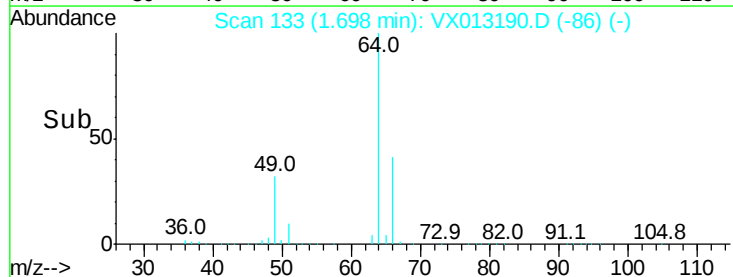
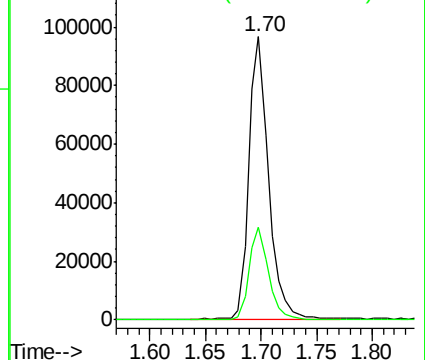
64 100

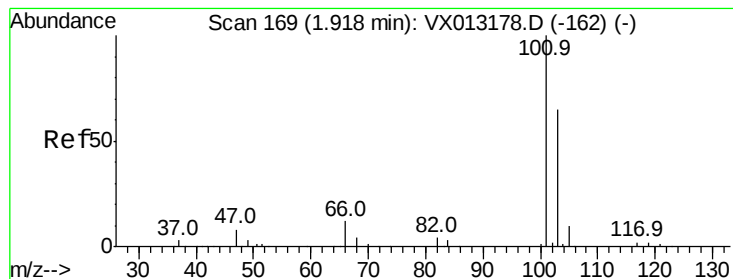
66 32.6 27.8 41.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



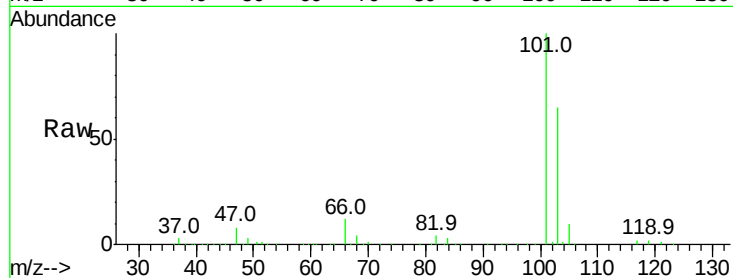


#7

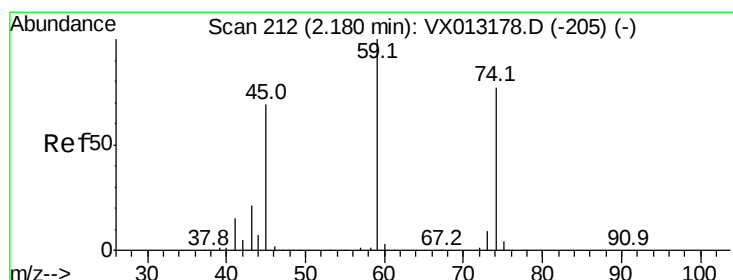
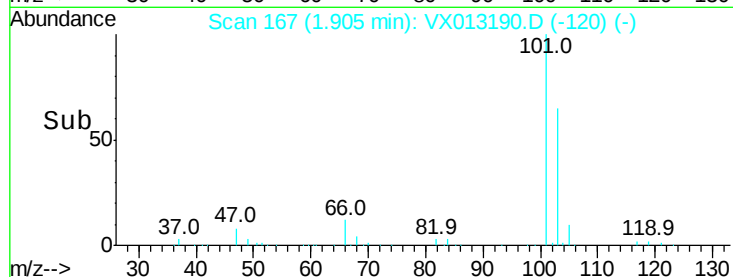
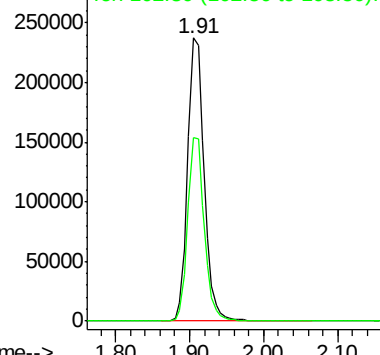
Trichlorofluoromethane
Concen: 143.143 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 360410
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9



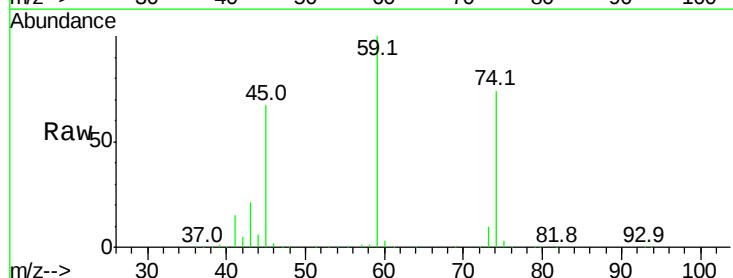
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



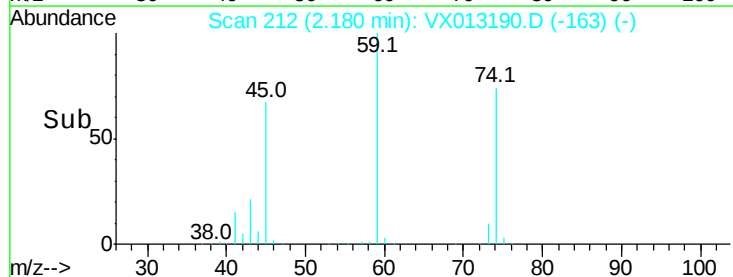
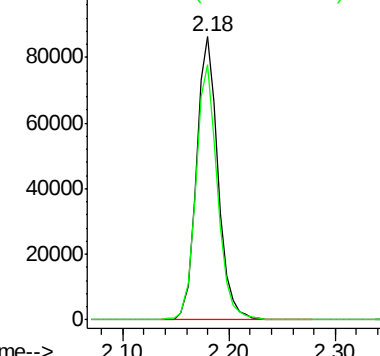
#8

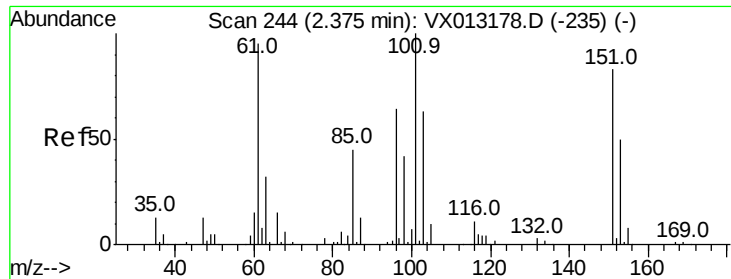
Diethyl Ether
Concen: 141.210 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 74 Resp: 122028
Ion Ratio Lower Upper
74 100
45 90.7 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: 141.178 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

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VSTDIC150

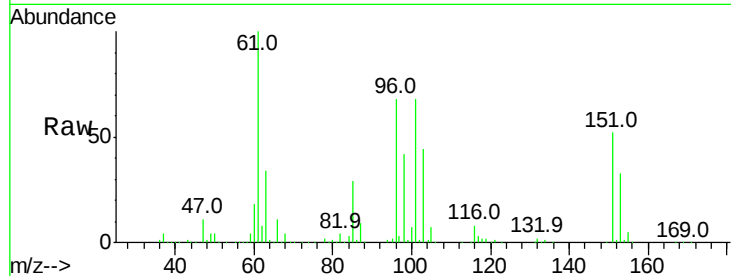
Tgt Ion:101 Resp: 214865

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

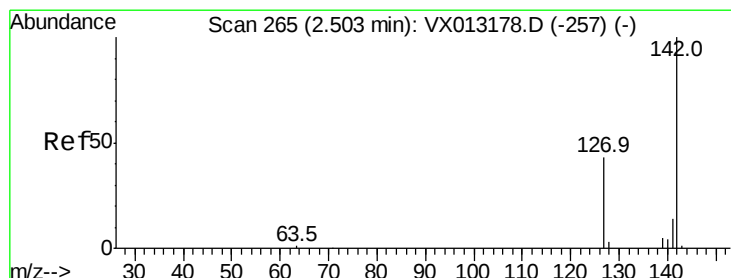
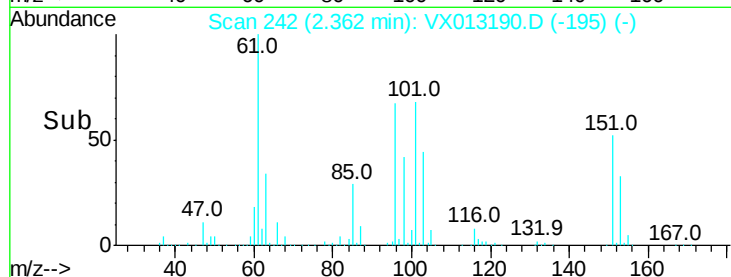
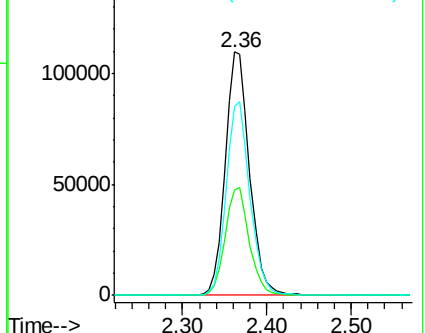
151 78.5 62.5 93.7



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: 160.046 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

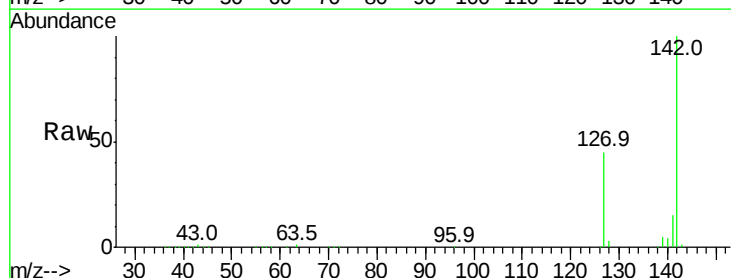
Tgt Ion:142 Resp: 293198

Ion Ratio Lower Upper

142 100

127 44.6 36.2 54.4

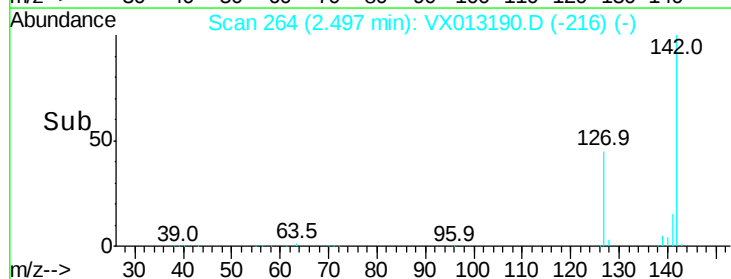
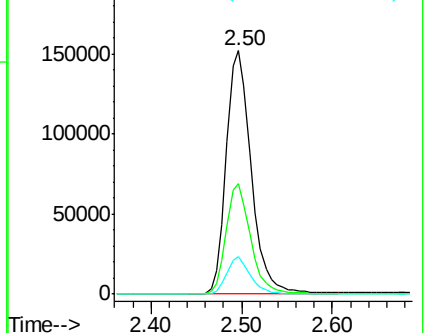
141 14.5 11.8 17.6

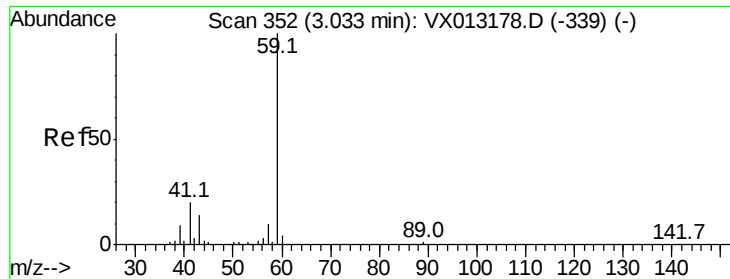


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



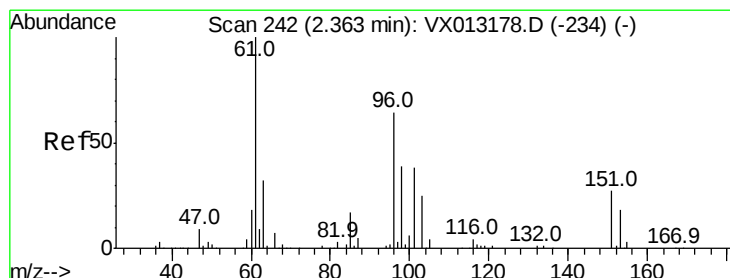
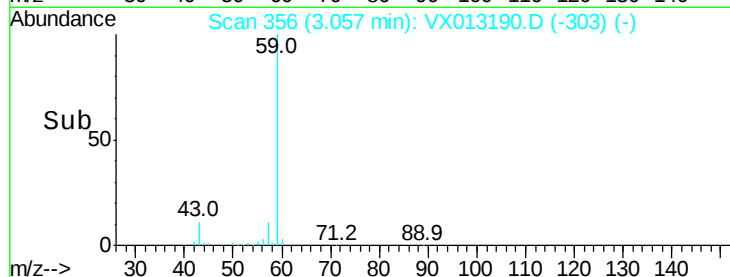
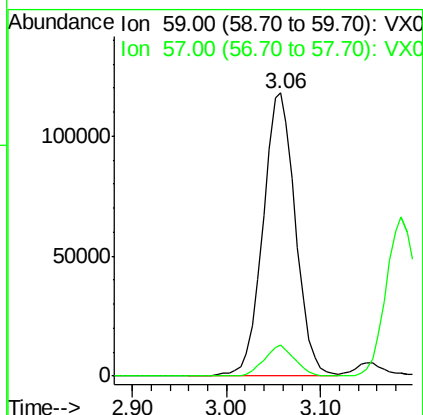
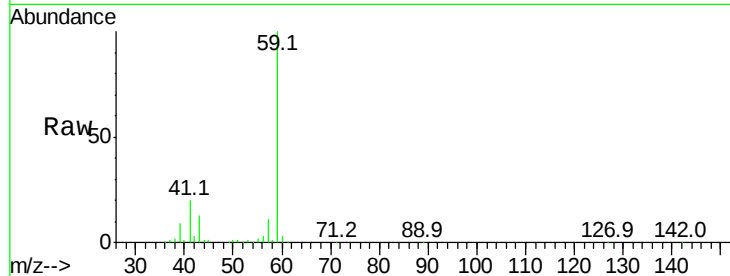


#11

Tert butyl alcohol
 Concen: 647.137 ug/l
 RT: 3.06 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

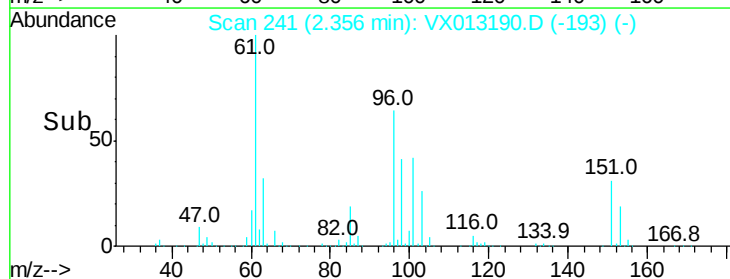
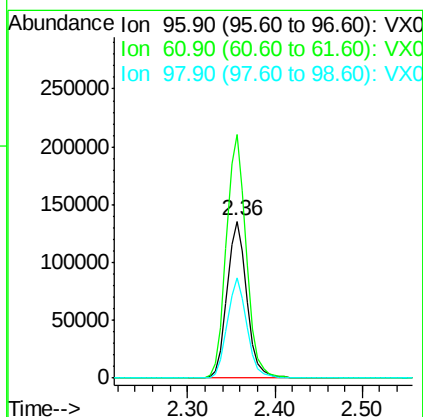
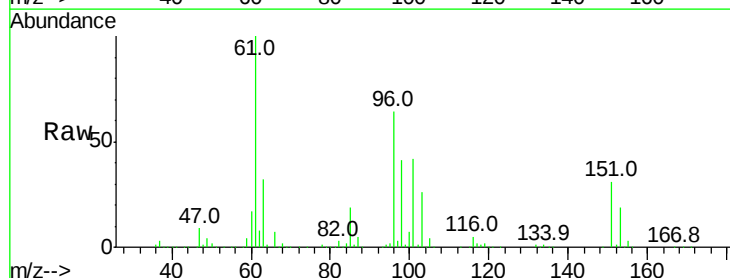
Tgt Ion: 59 Resp: 285325
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

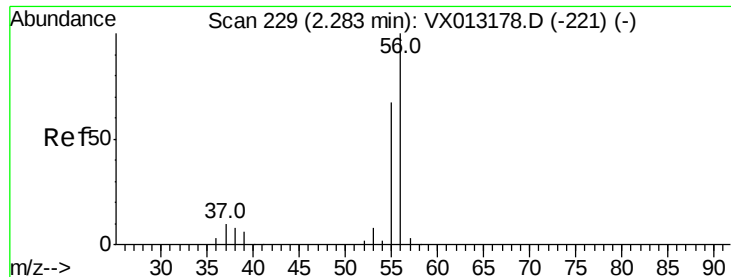


#12

1,1-Dichloroethene
 Concen: 146.662 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion: 96 Resp: 212105
 Ion Ratio Lower Upper
 96 100
 61 155.0 125.4 188.2
 98 64.2 49.0 73.6





#13

Acrolein

Concen: 669.936 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

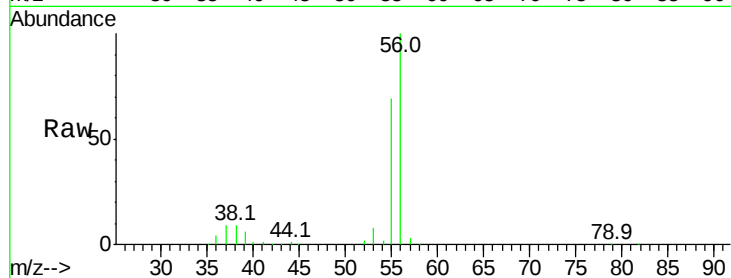
VSTDIC150

Tgt Ion: 56 Resp: 169643

Ion Ratio Lower Upper

56 100

55 70.0 55.0 82.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

120000

100000

80000

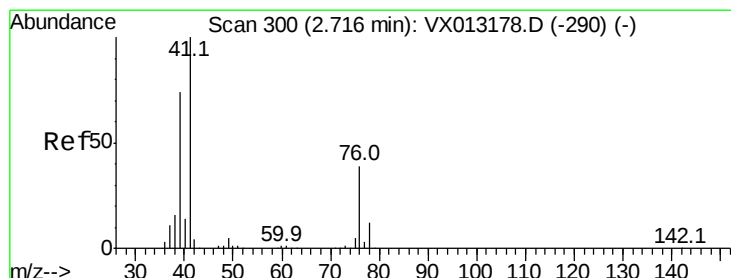
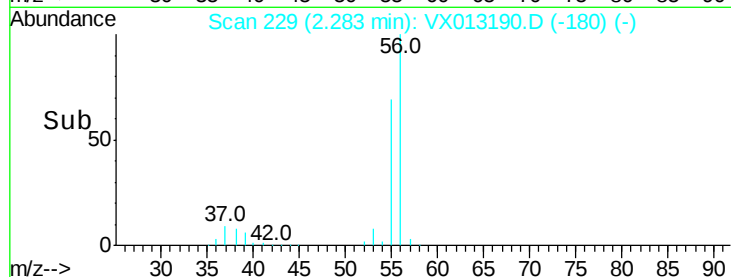
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 148.228 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

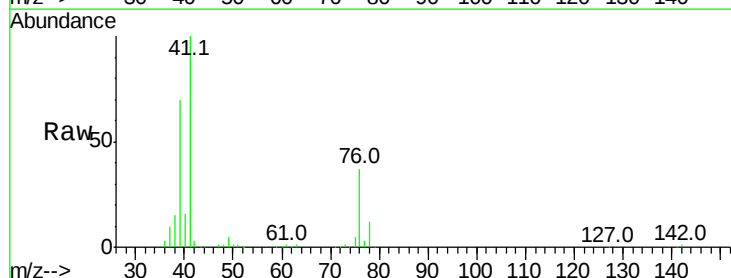
Tgt Ion: 41 Resp: 334752

Ion Ratio Lower Upper

41 100

39 68.7 54.2 81.4

76 37.6 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

2.71

250000

200000

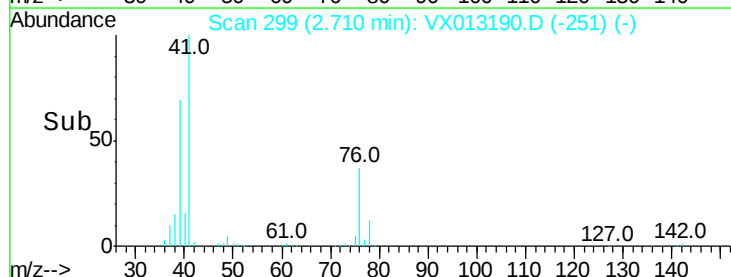
150000

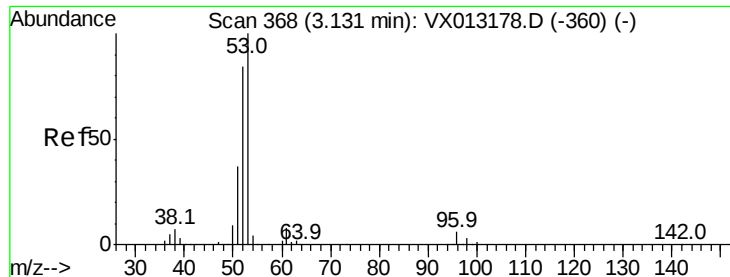
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 718.026 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

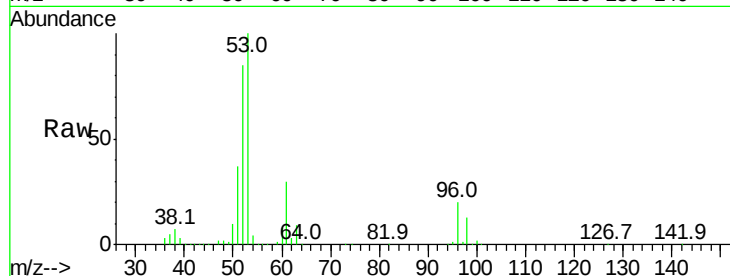
Tgt Ion: 53 Resp: 575308

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

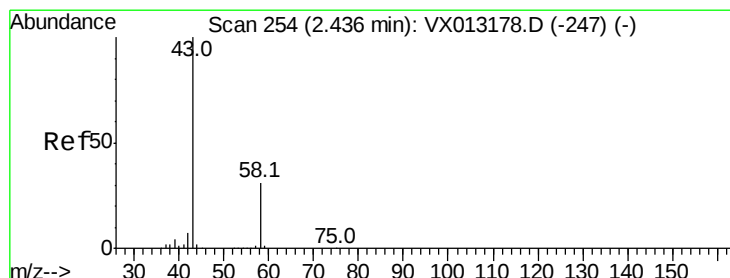
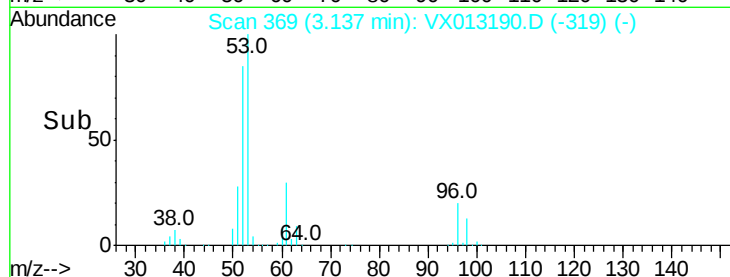
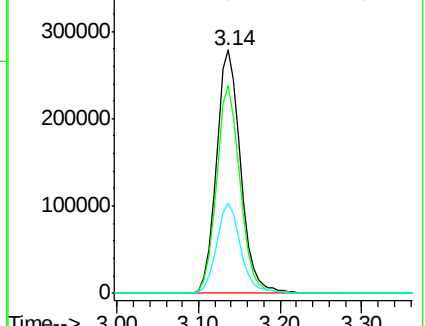
51 37.2 29.9 44.9



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: 708.447 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX013190.D

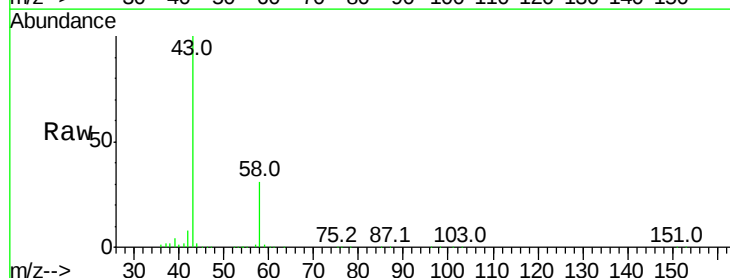
Acq: 23 Oct 2019 15:08

Tgt Ion: 43 Resp: 594120

Ion Ratio Lower Upper

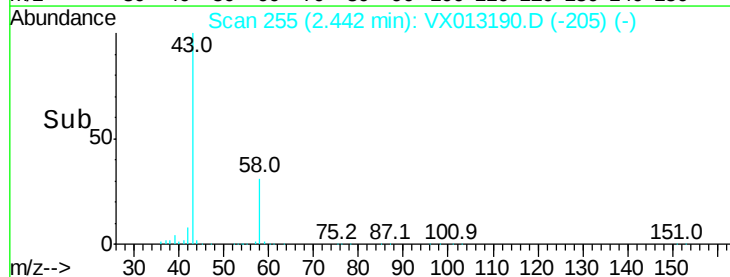
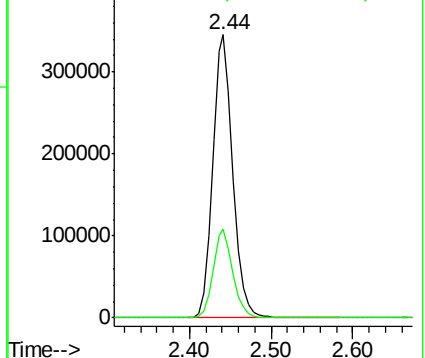
43 100

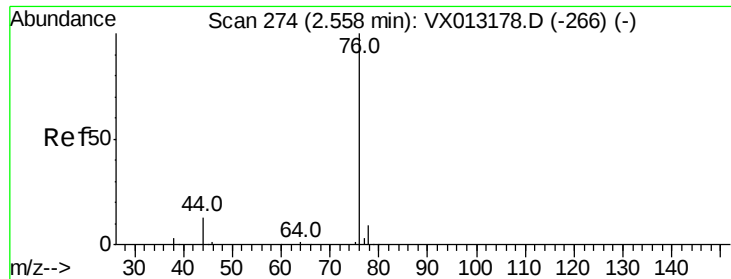
58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

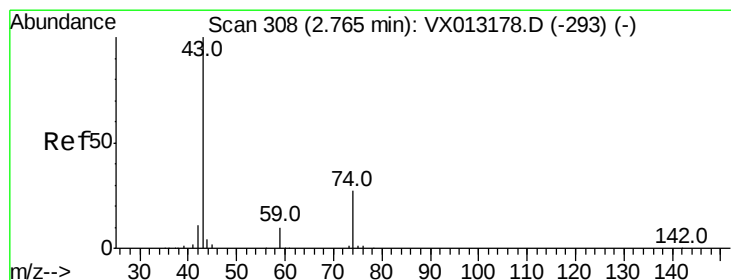
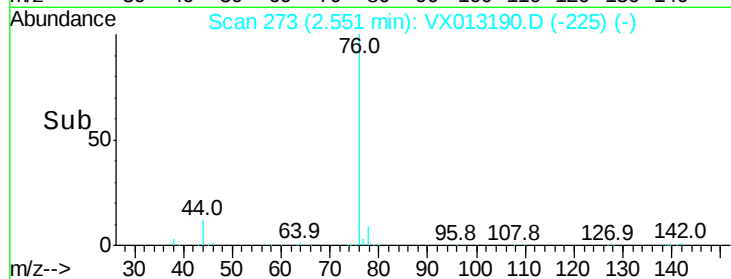
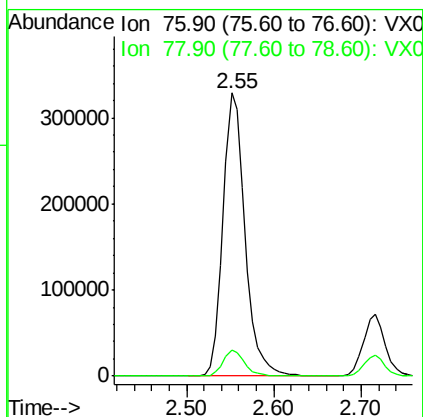
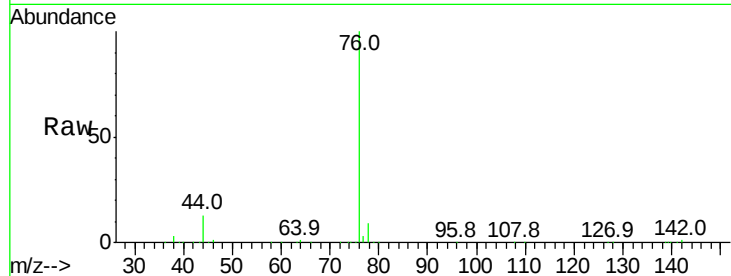




#17
Carbon Disulfide
Concen: 148.107 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

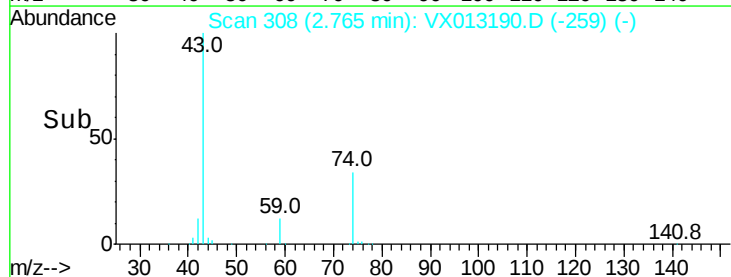
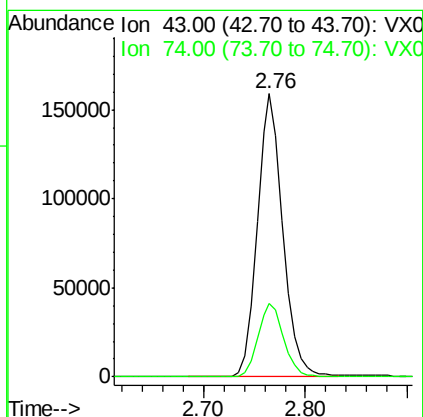
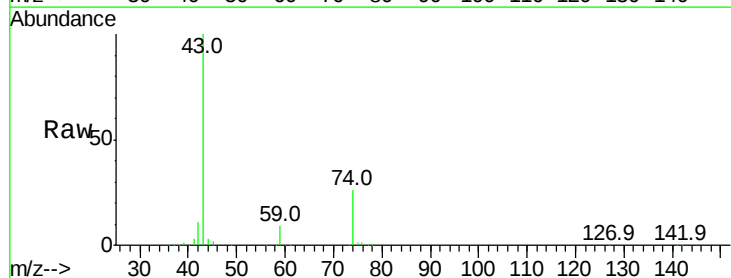
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

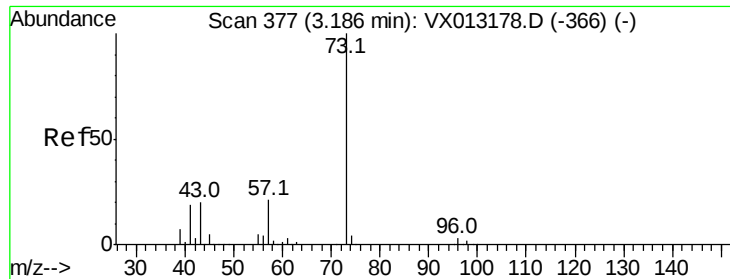
Tgt Ion: 76 Resp: 573119
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 143.960 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 43 Resp: 275193
Ion Ratio Lower Upper
43 100
74 26.0 21.0 31.4





#19

Methyl tert-butyl Ether

Concen: 147.401 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

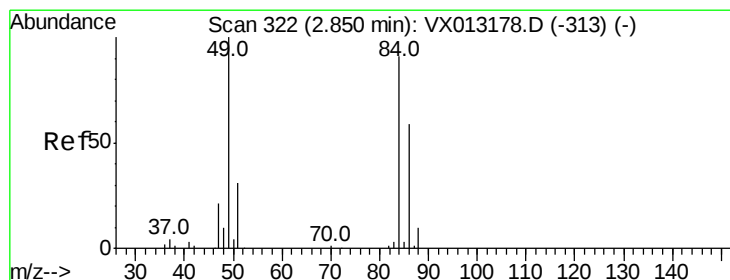
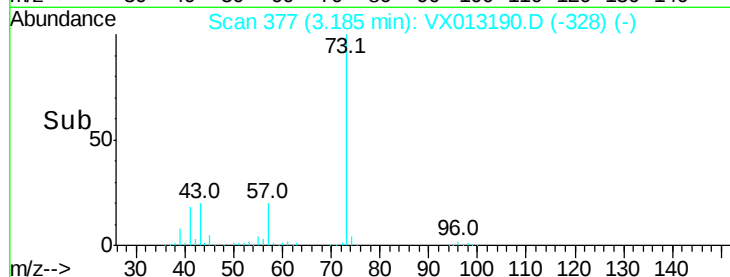
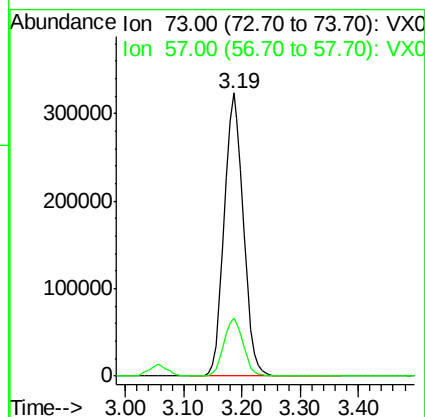
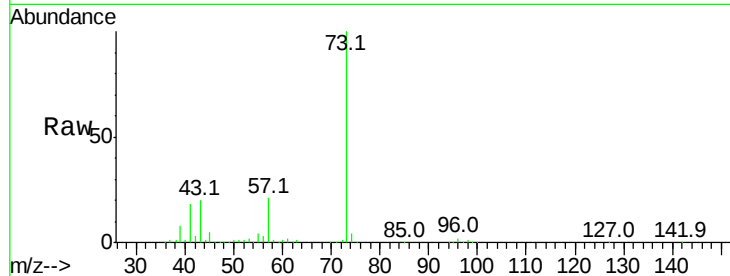
VSTDIC150

Tgt Ion: 73 Resp: 738615

Ion Ratio Lower Upper

73 100

57 20.5 17.1 25.7



#20

Methylene Chloride

Concen: 132.224 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Tgt Ion: 84 Resp: 232099

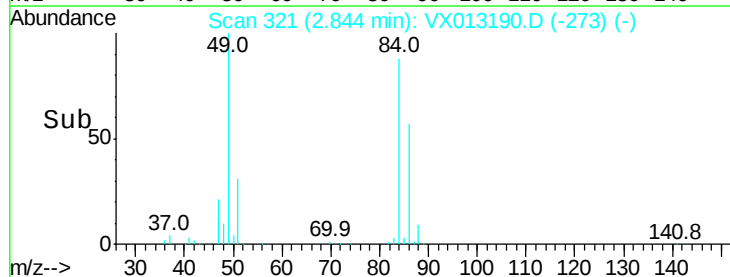
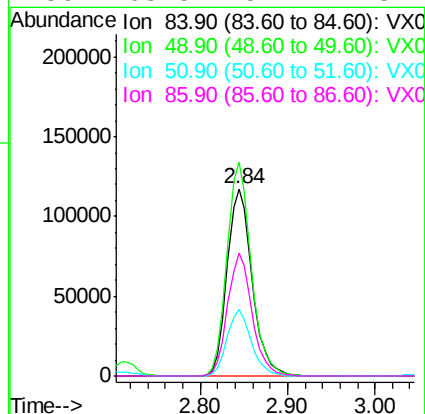
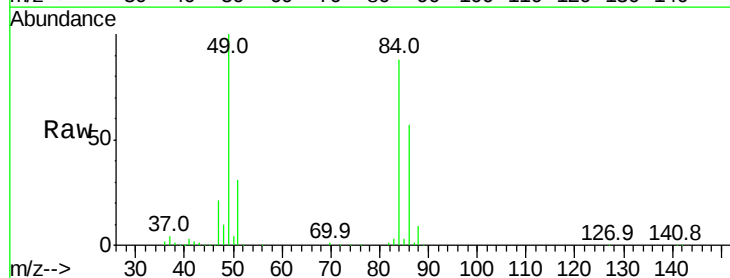
Ion Ratio Lower Upper

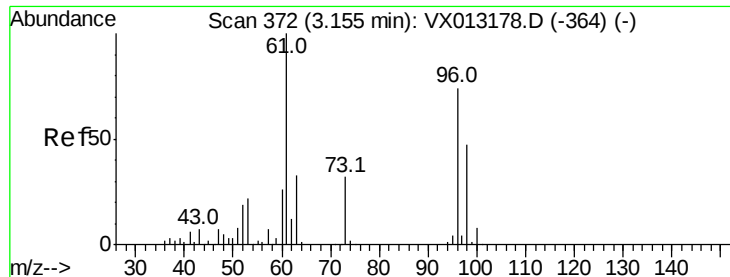
84 100

49 114.1 87.8 131.6

51 35.8 27.0 40.6

86 65.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 140.576 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

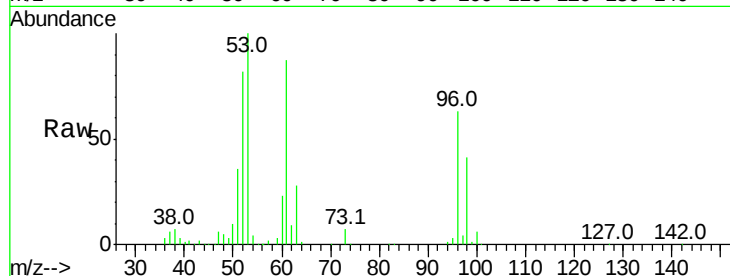
Tgt Ion: 96 Resp: 223361

Ion Ratio Lower Upper

96 100

61 139.4 108.1 162.1

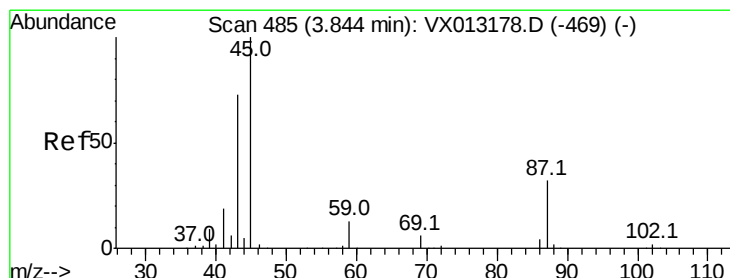
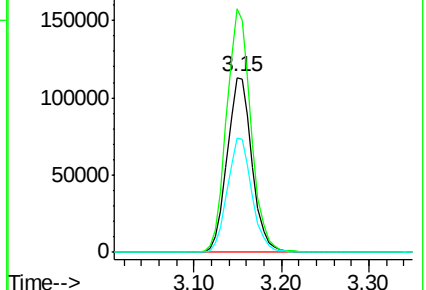
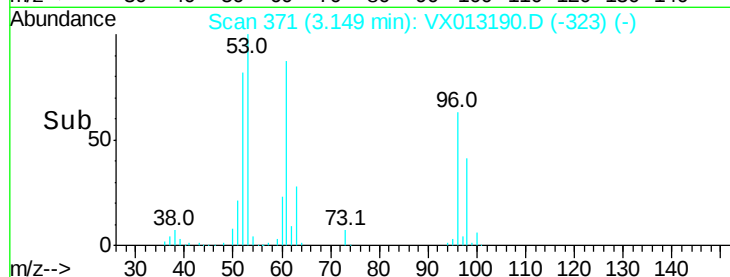
98 65.5 51.1 76.7



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: 144.916 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Tgt Ion: 45 Resp: 637905

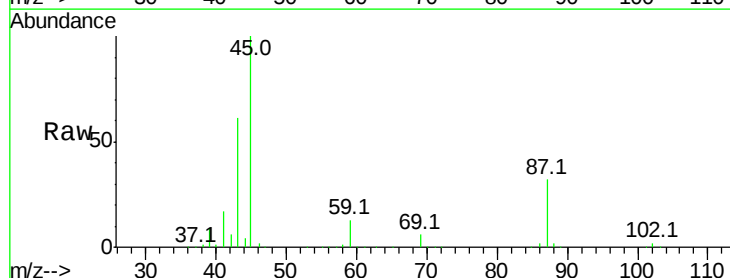
Ion Ratio Lower Upper

45 100

43 61.0 58.1 87.1

87 32.5 25.9 38.9

59 12.9 10.1 15.1

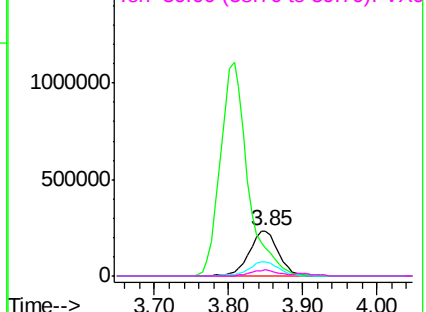
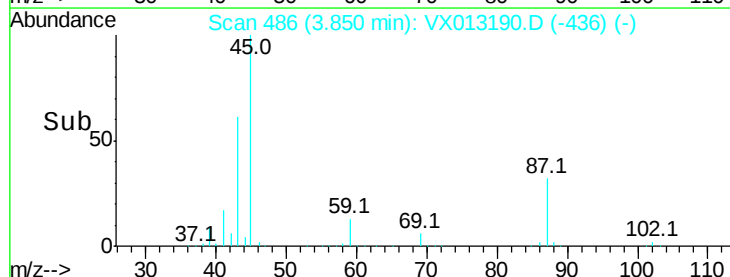


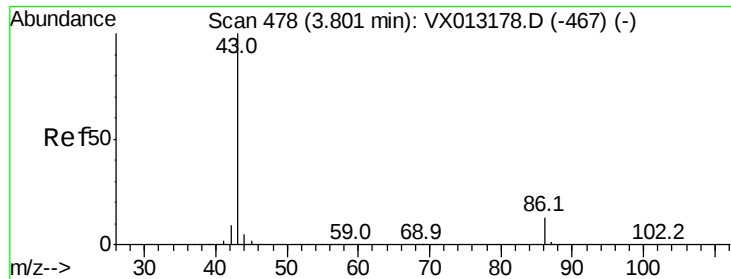
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 745.050 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

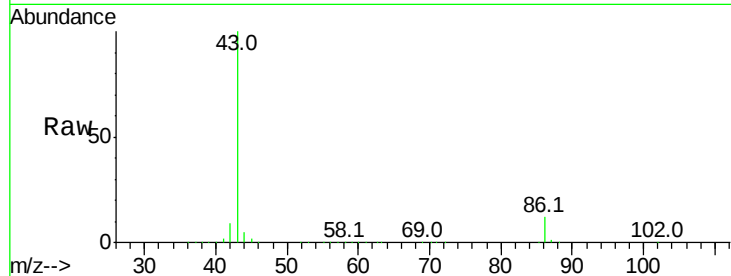
VSTDIC150

Tgt Ion: 43 Resp: 2854035

Ion Ratio Lower Upper

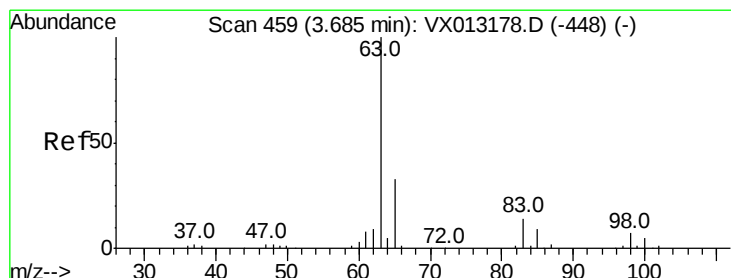
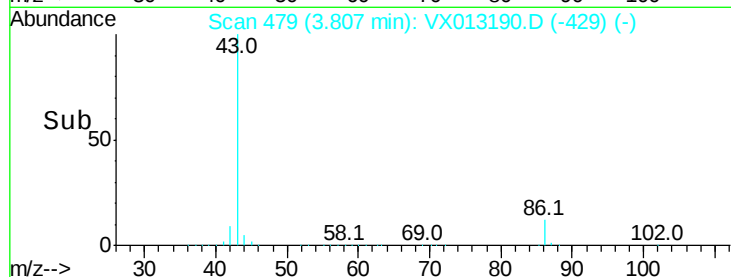
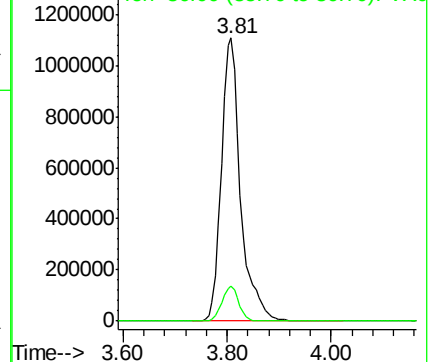
43 100

86 12.3 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: 146.235 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

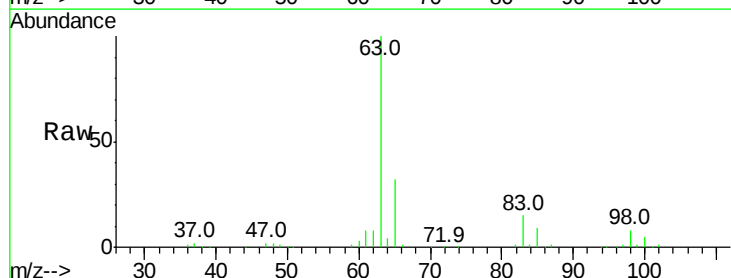
Tgt Ion: 63 Resp: 394383

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

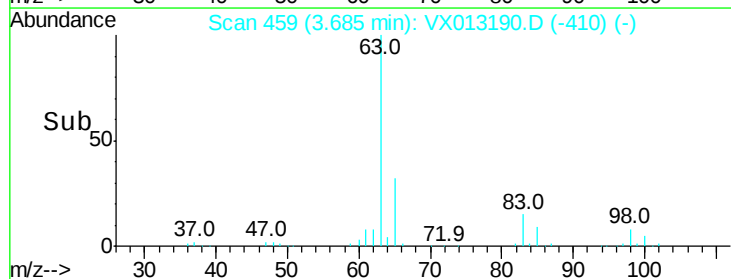
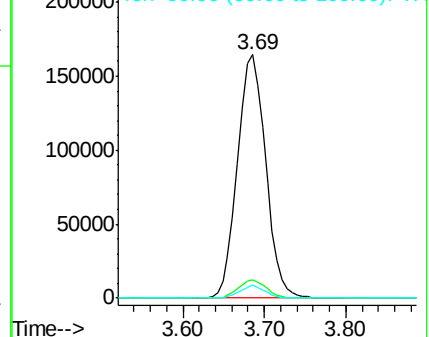
100 5.3 2.5 7.4

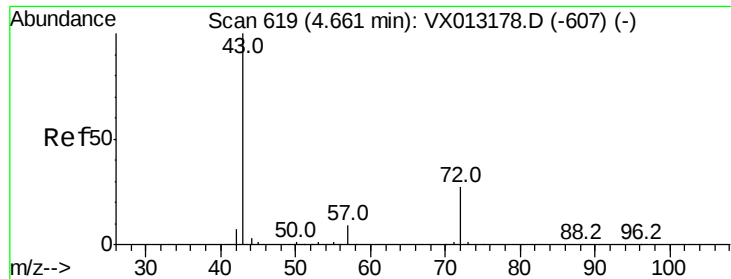


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 725.202 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

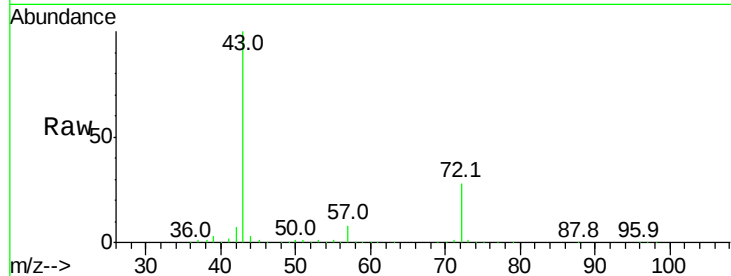
VSTDIC150

Tgt Ion: 43 Resp: 829491

Ion Ratio Lower Upper

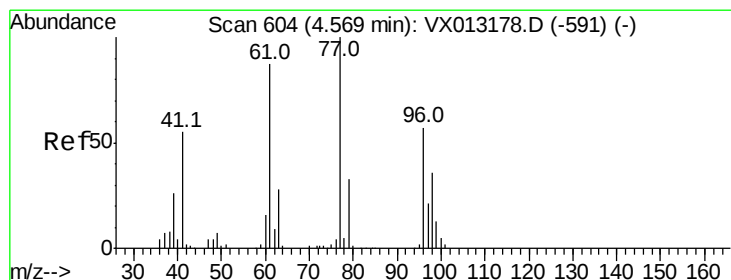
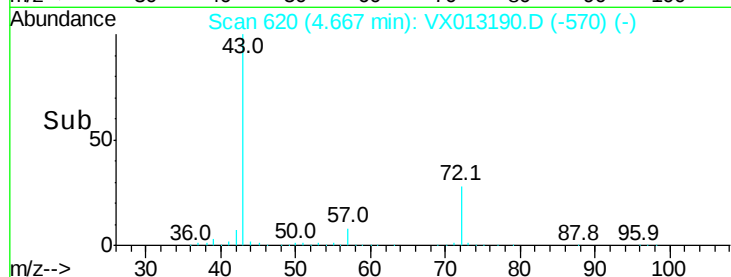
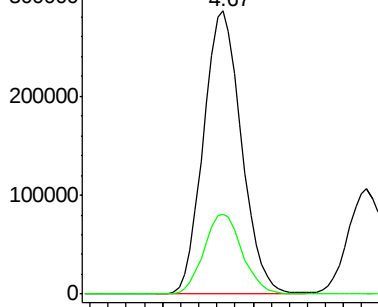
43 100

72 28.2 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: 154.399 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013190.D

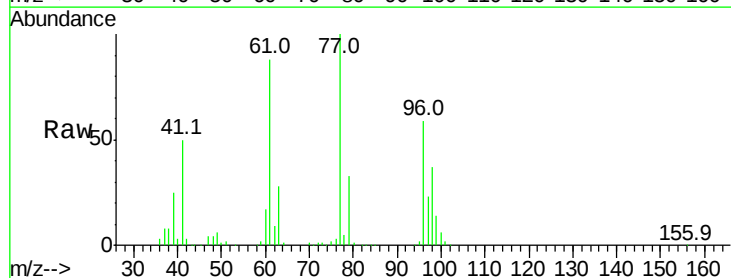
Acq: 23 Oct 2019 15:08

Tgt Ion: 77 Resp: 375153

Ion Ratio Lower Upper

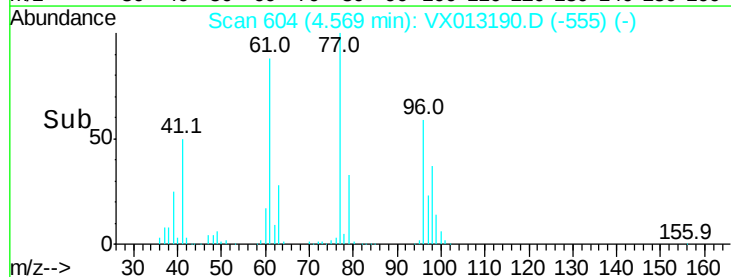
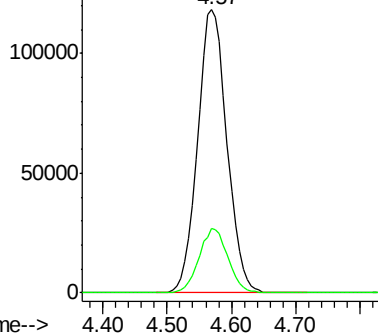
77 100

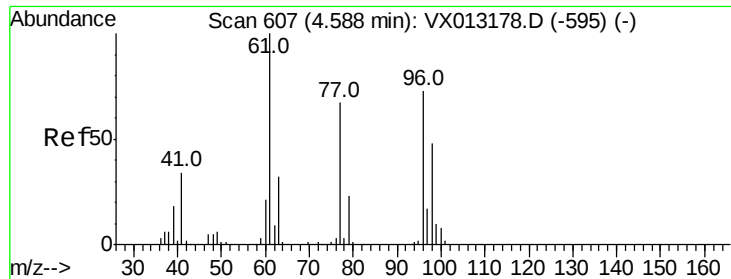
97 22.4 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



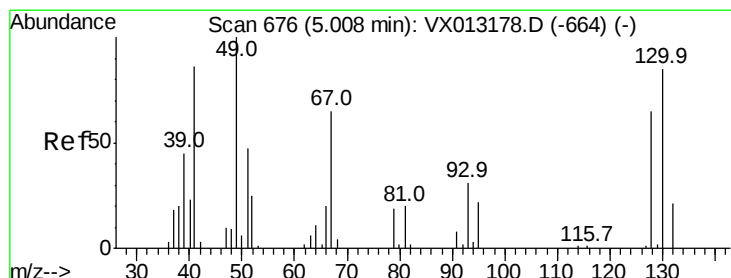
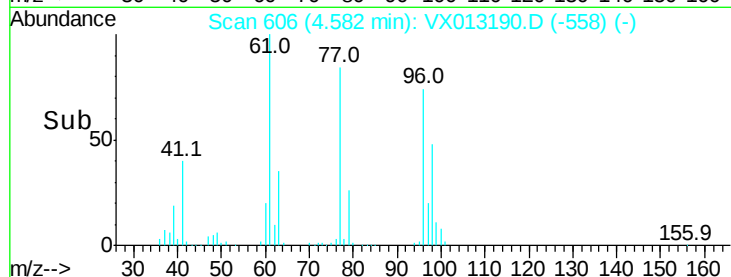
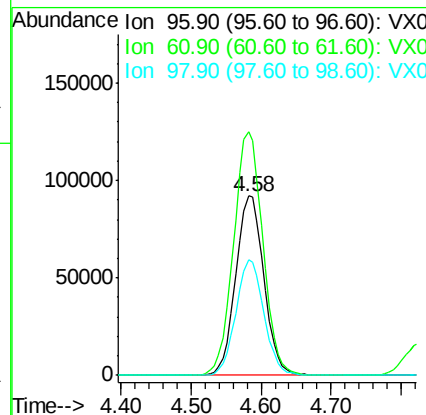
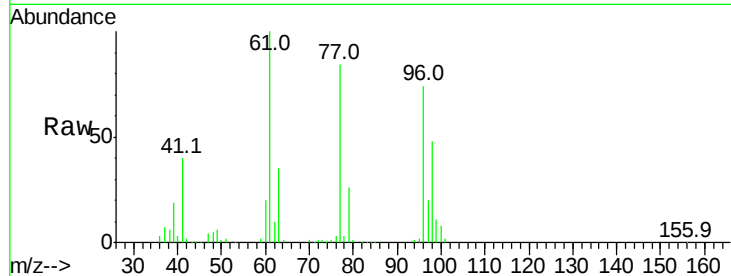


#27

cis-1,2-Dichloroethene
Concen: 145.014 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

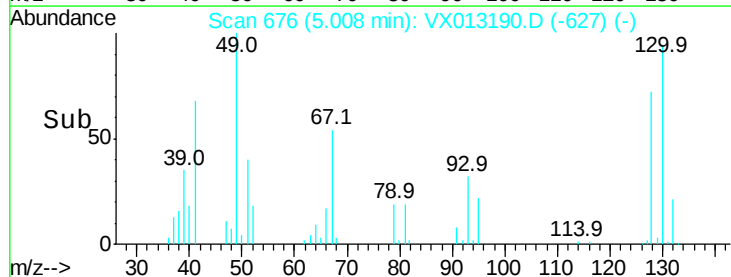
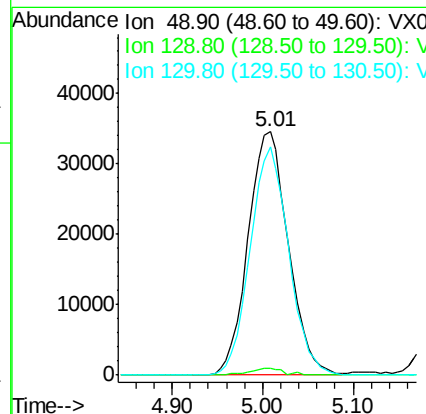
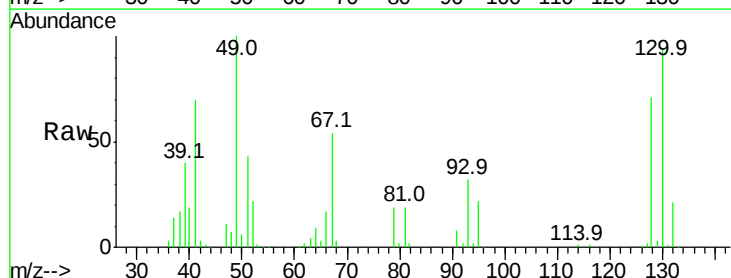
Tgt Ion: 96 Resp: 257613
Ion Ratio Lower Upper
96 100
61 141.0 0.0 288.0
98 64.1 0.0 131.2

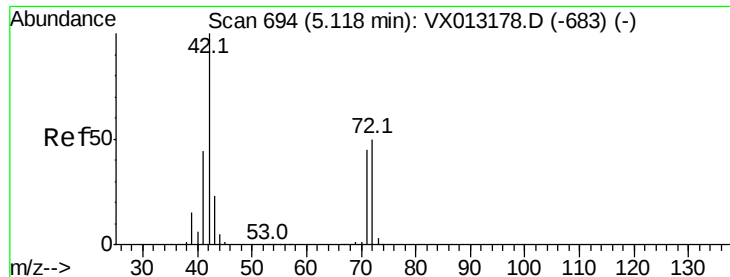


#28

Bromochloromethane
Concen: 147.262 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 49 Resp: 106177
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.8
130 89.8 71.5 107.3





#29

Tetrahydrofuran

Concen: 714.138 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

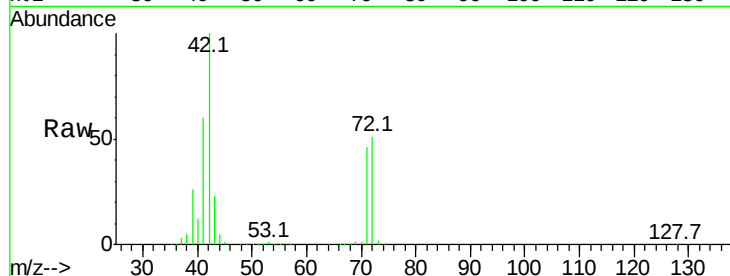
Tgt Ion: 42 Resp: 490067

Ion Ratio Lower Upper

42 100

72 50.9 40.2 60.2

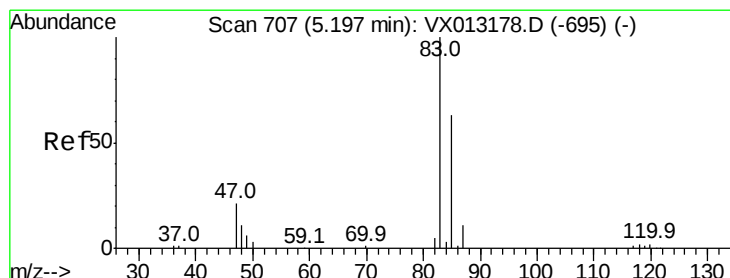
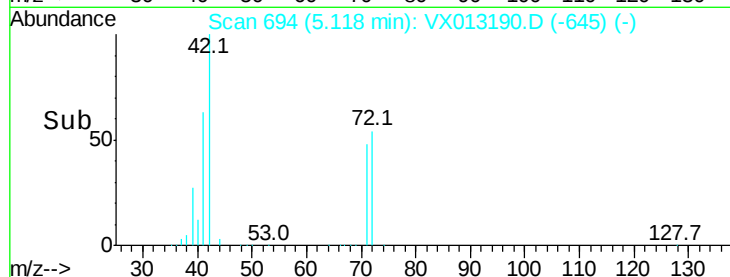
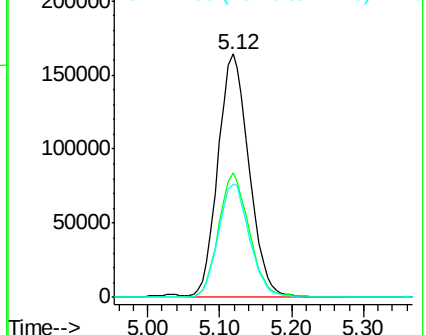
71 46.9 37.0 55.6



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: 143.306 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013190.D

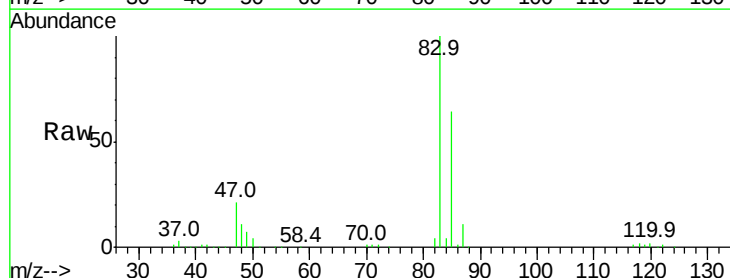
Acq: 23 Oct 2019 15:08

Tgt Ion: 83 Resp: 417675

Ion Ratio Lower Upper

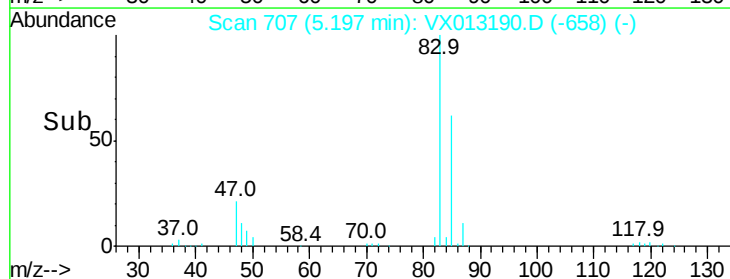
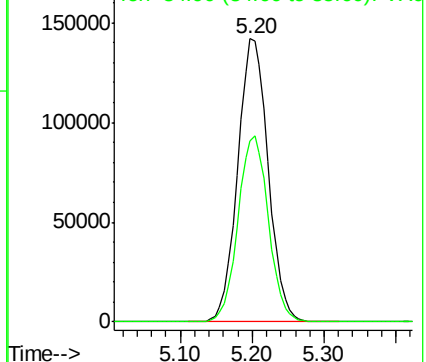
83 100

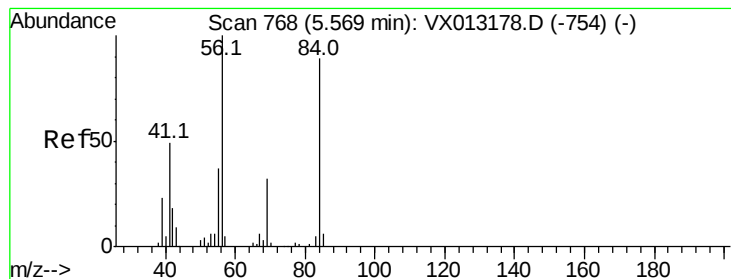
85 63.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 146.151 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

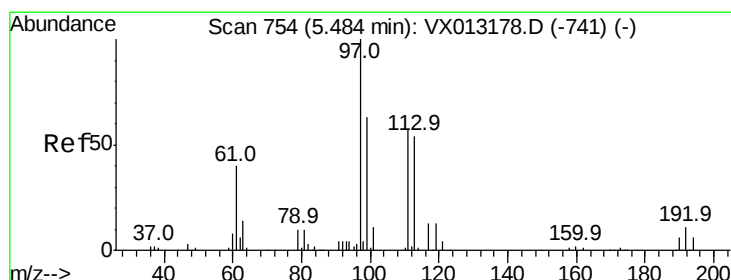
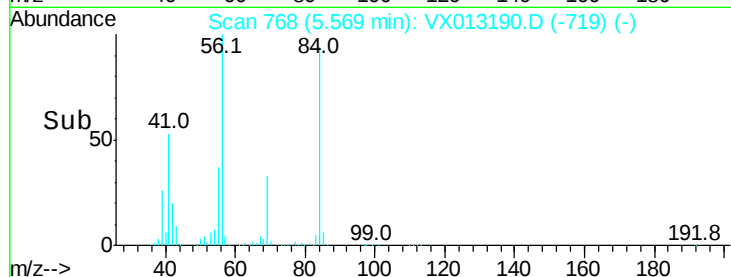
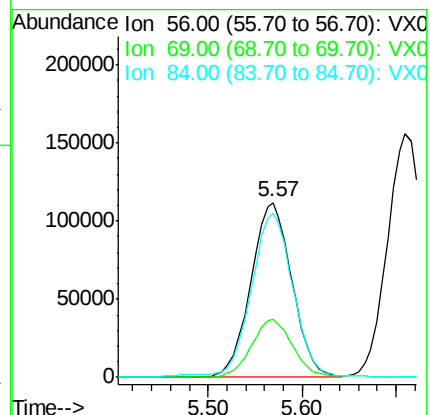
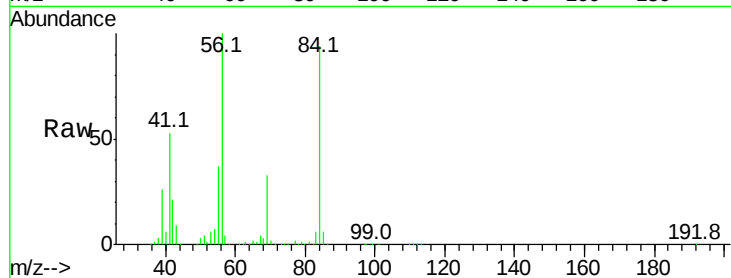
Tgt Ion: 56 Resp: 341889

Ion Ratio Lower Upper

56 100

69 33.4 25.9 38.9

84 92.6 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 150.370 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

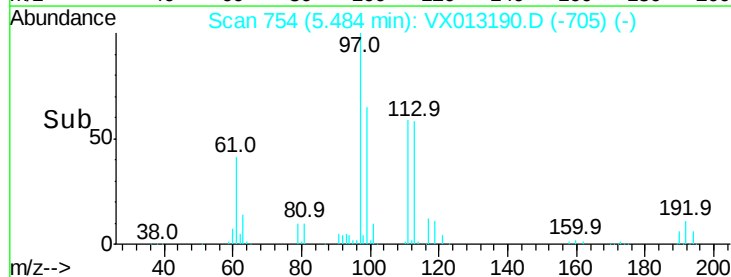
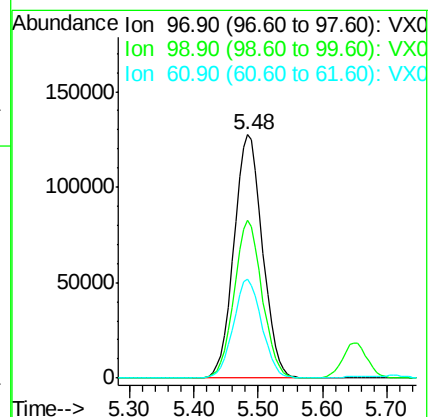
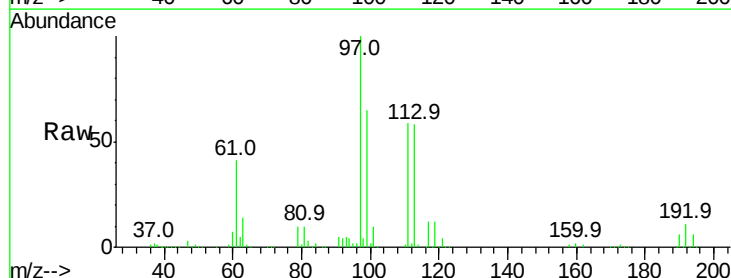
Tgt Ion: 97 Resp: 393165

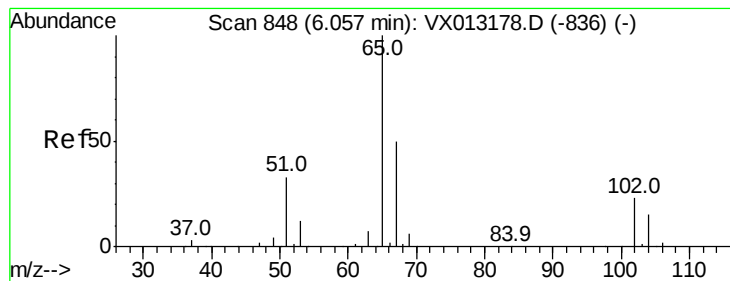
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 146.000 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

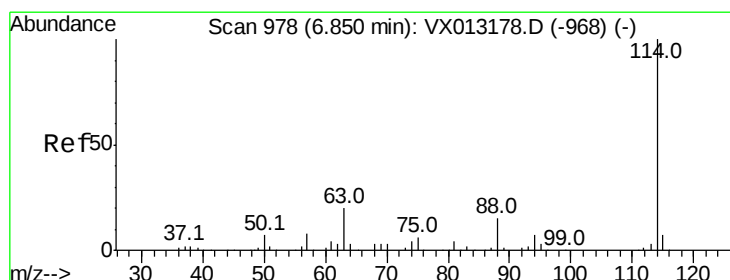
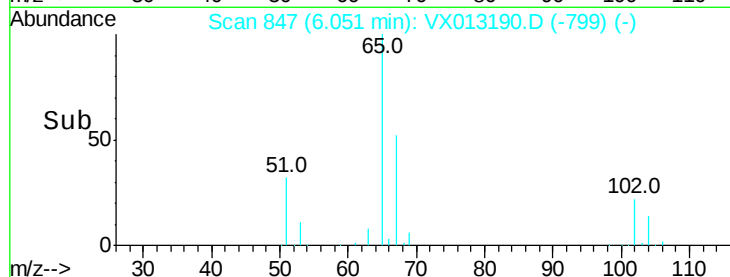
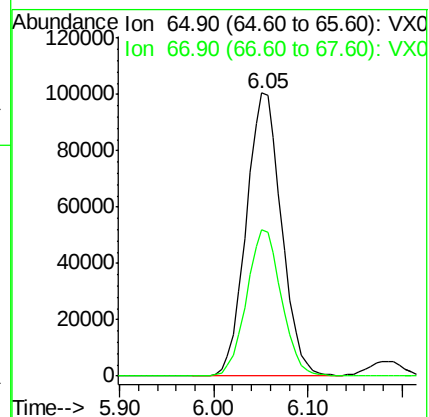
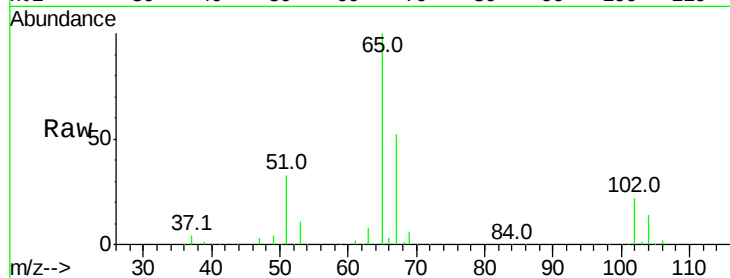
VSTDIC150

Tgt Ion: 65 Resp: 263755

Ion Ratio Lower Upper

65 100

67 51.1 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: VX013190.D

Acq: 23 Oct 2019 15:08

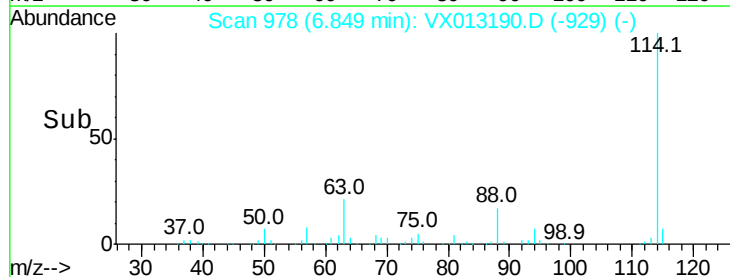
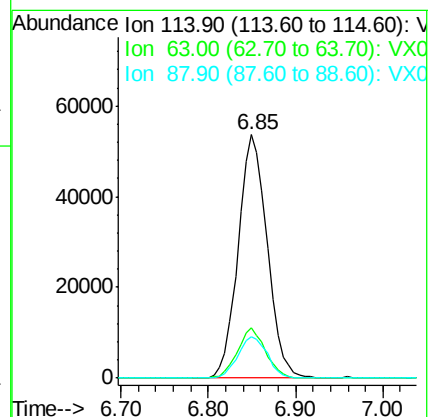
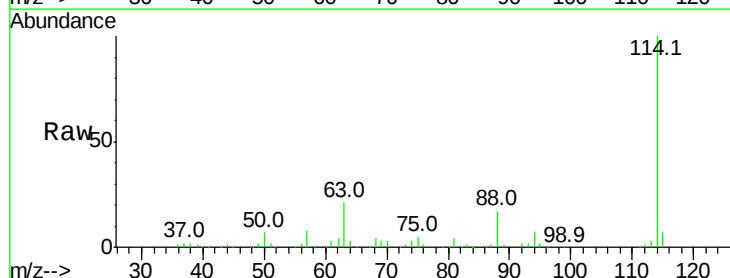
Tgt Ion: 114 Resp: 124376

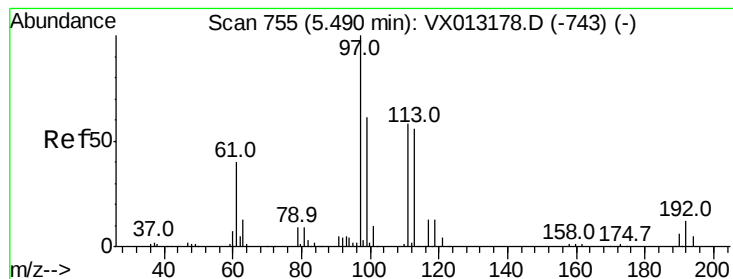
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 147.591 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

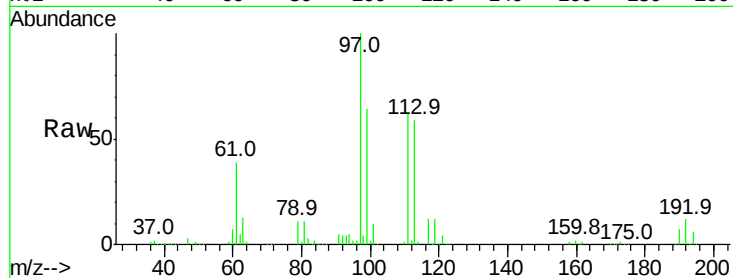
Tgt Ion:113 Resp: 214130

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

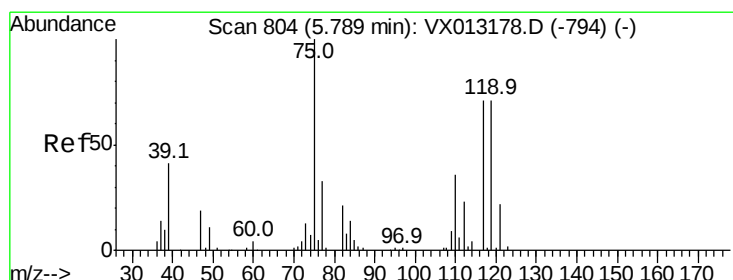
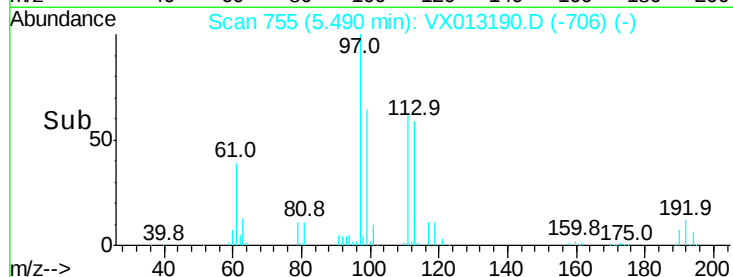
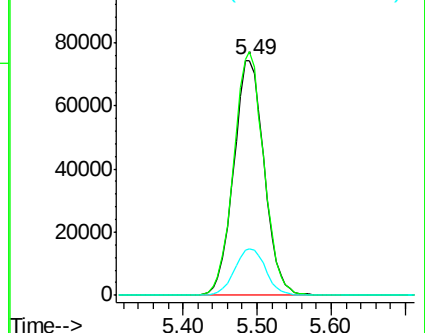
192 20.3 16.2 24.2



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



#36

1,1-Dichloropropene

Concen: 140.646 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

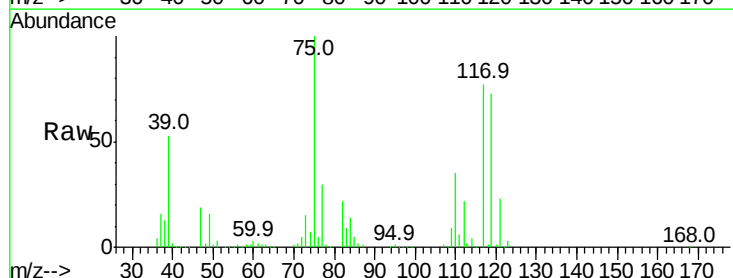
Tgt Ion: 75 Resp: 313445

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

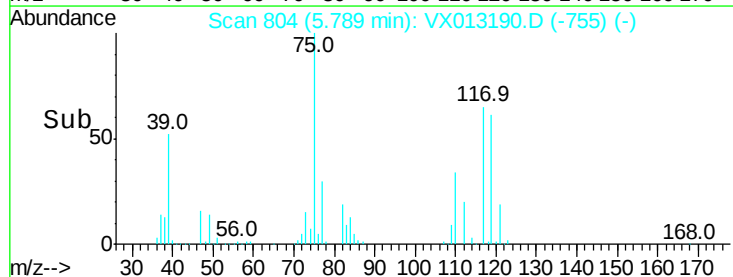
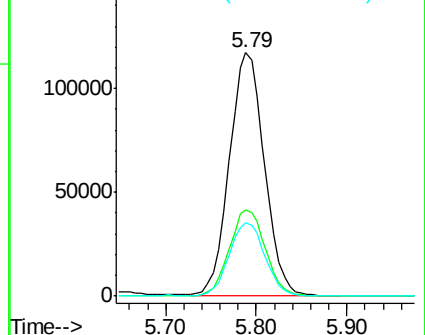
77 31.0 25.2 37.8

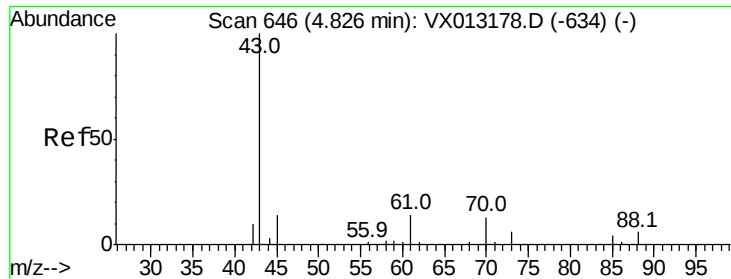


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

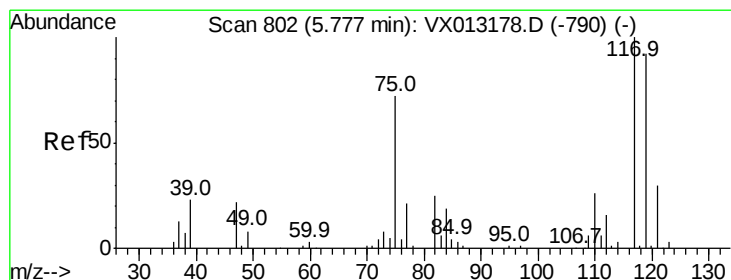
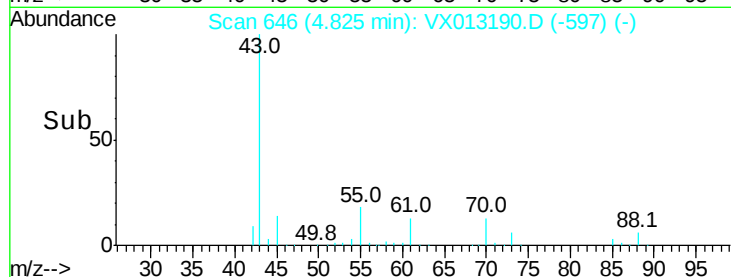
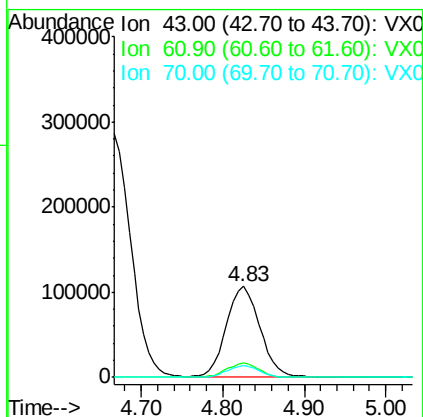
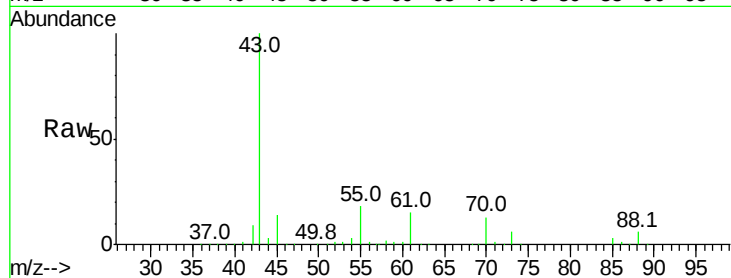




#37
Ethyl Acetate
Concen: 138.476 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

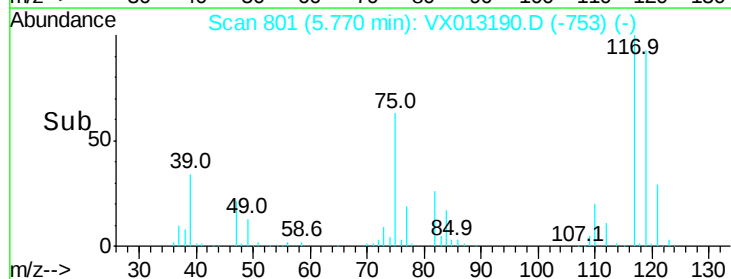
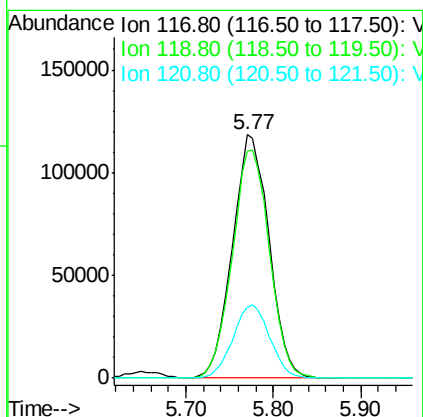
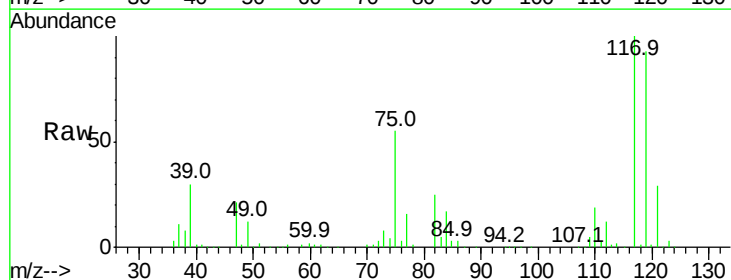
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

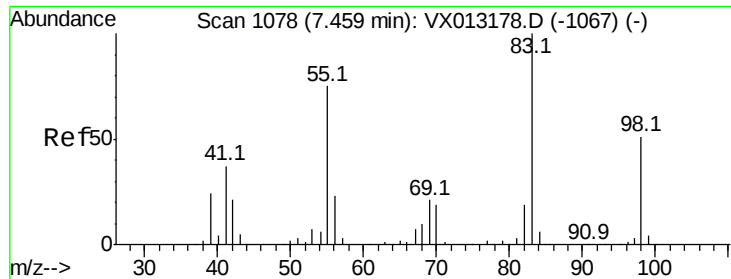
Tgt Ion: 43 Resp: 304917
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 12.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 151.605 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 117 Resp: 344622
Ion Ratio Lower Upper
117 100
119 93.2 73.8 110.6
121 29.0 24.3 36.5

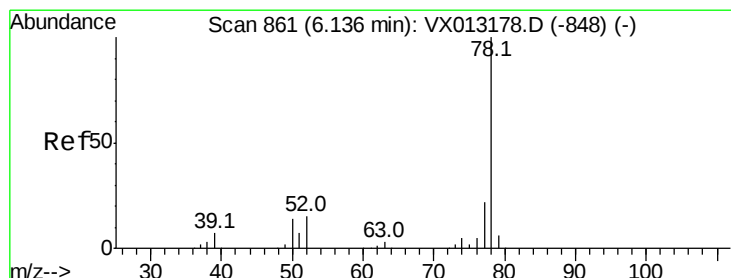
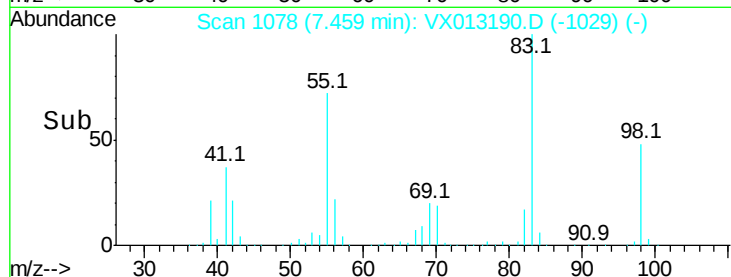
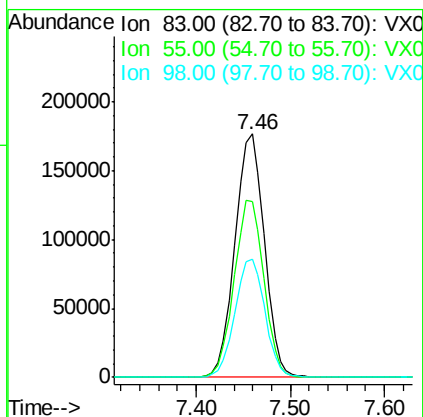
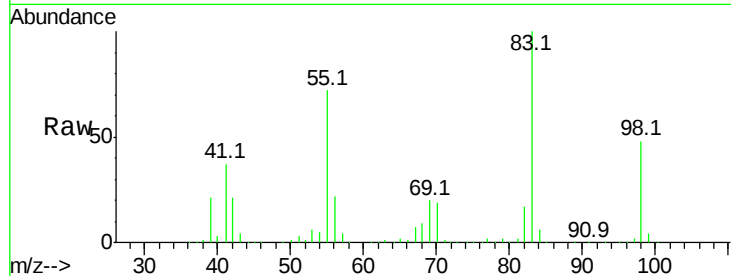




#39
Methylcyclohexane
Concen: 145.213 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

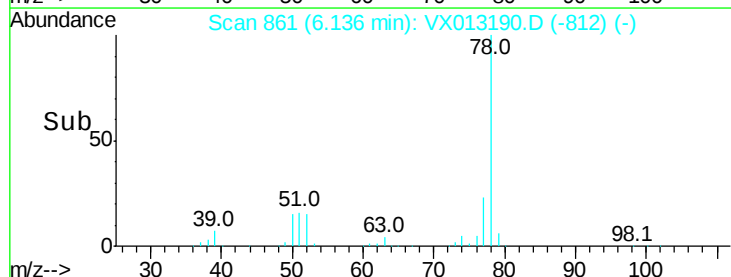
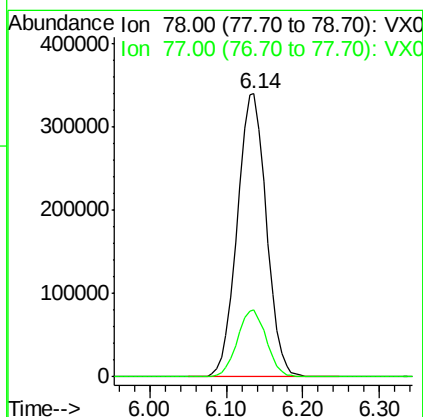
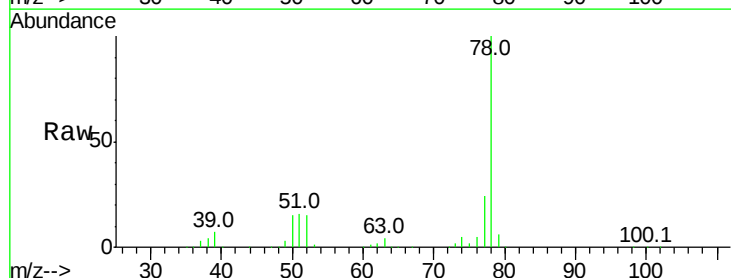
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

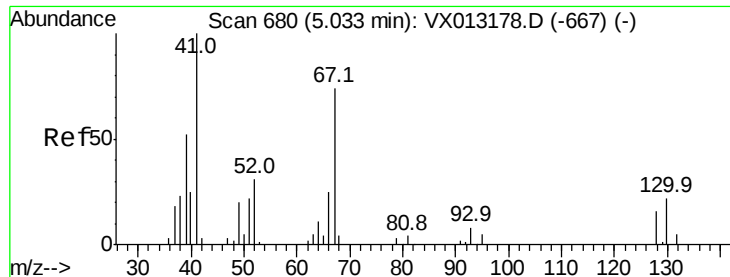
Tgt Ion: 83 Resp: 383749
Ion Ratio Lower Upper
83 100
55 72.4 60.3 90.5
98 48.3 40.6 61.0



#40
Benzene
Concen: 141.585 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 78 Resp: 897257
Ion Ratio Lower Upper
78 100
77 23.6 18.0 27.0





#41

Methacrylonitrile

Concen: 146.240 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 170582

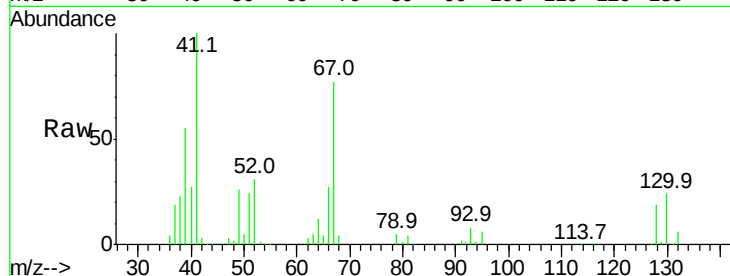
Ion Ratio Lower Upper

41 100

39 55.9 43.3 64.9

67 75.3 62.5 93.7

52 30.8 25.4 38.0

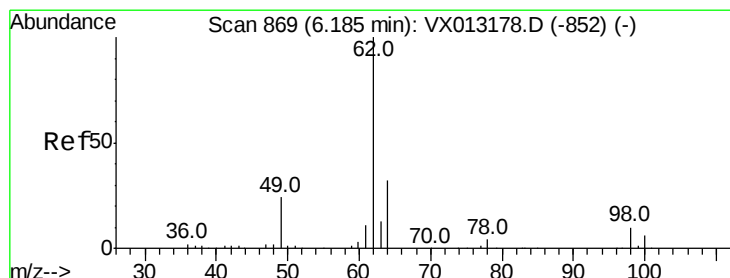
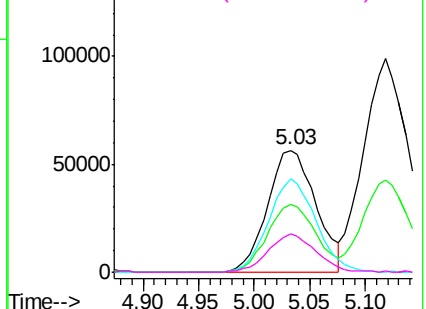
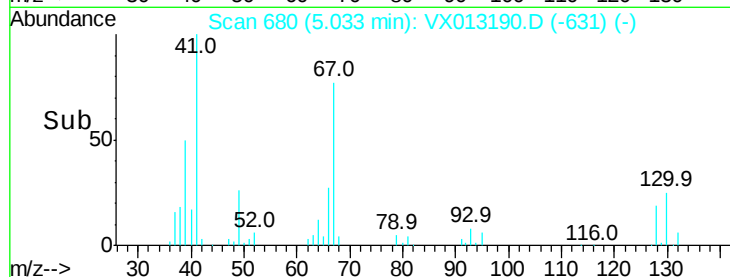


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 143.708 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013190.D

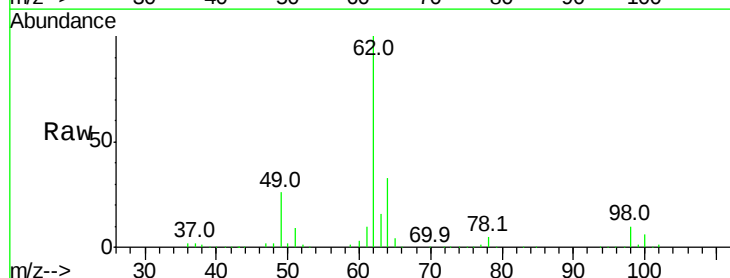
Acq: 23 Oct 2019 15:08

Tgt Ion: 62 Resp: 342168

Ion Ratio Lower Upper

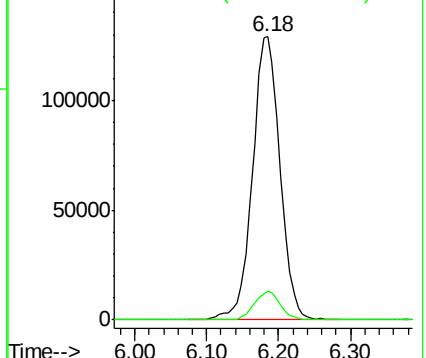
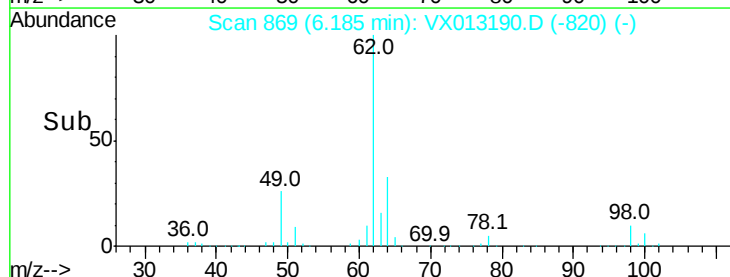
62 100

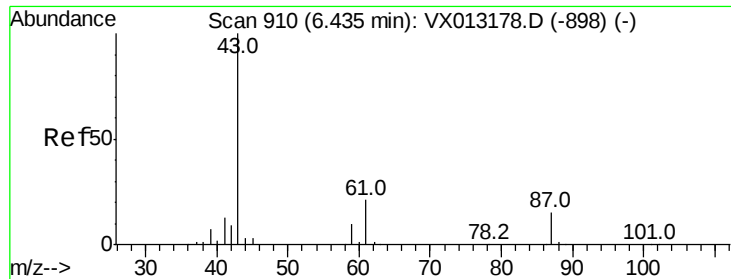
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 149.383 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

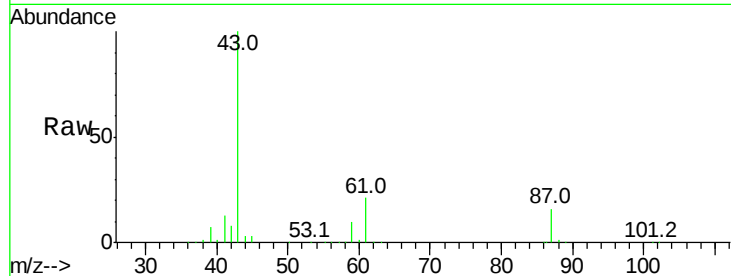
Tgt Ion: 43 Resp: 524798

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

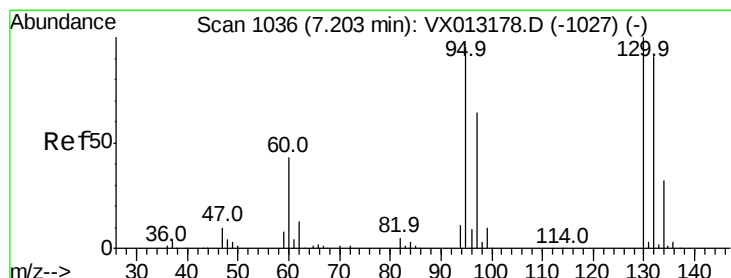
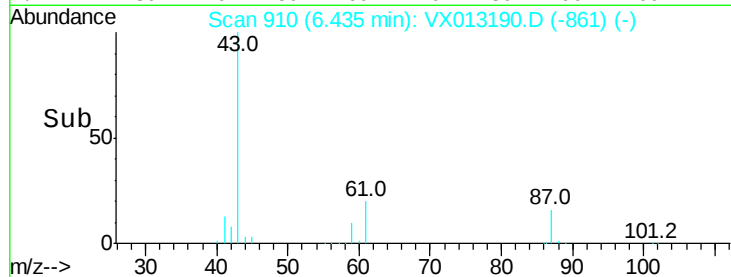
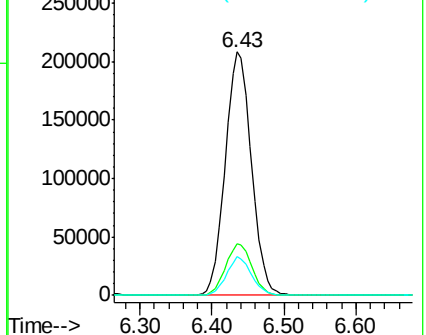
87 15.2 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 141.539 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013190.D

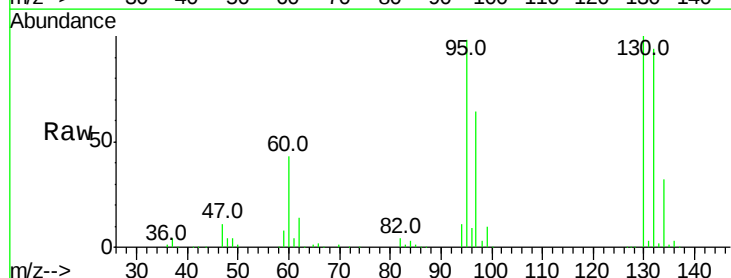
Acq: 23 Oct 2019 15:08

Tgt Ion: 130 Resp: 254107

Ion Ratio Lower Upper

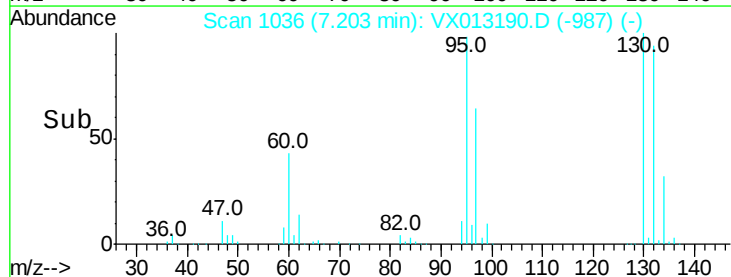
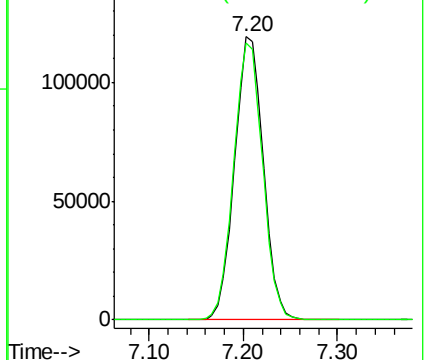
130 100

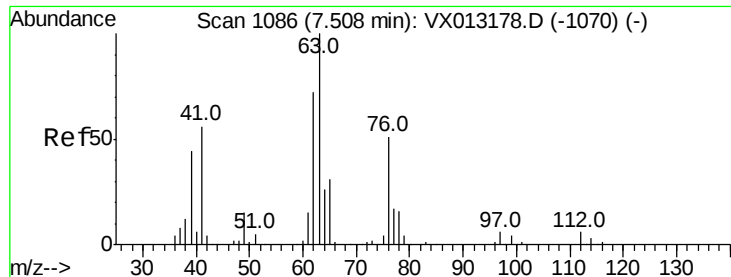
95 97.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 142.521 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

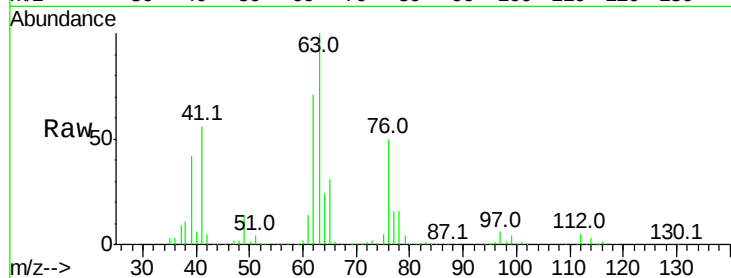
VSTDIC150

Tgt Ion: 63 Resp: 224168

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

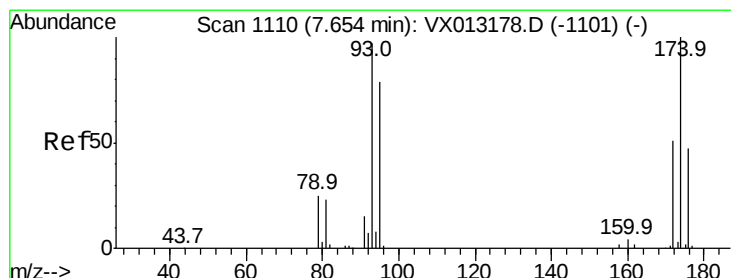
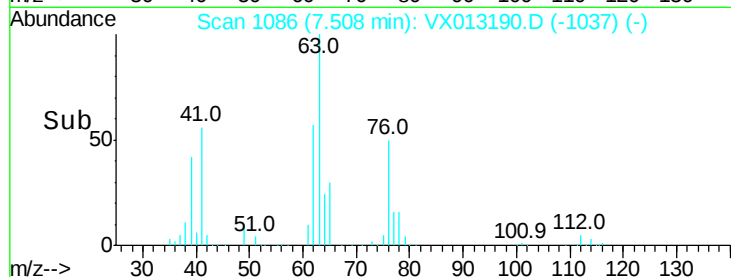
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 146.375 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

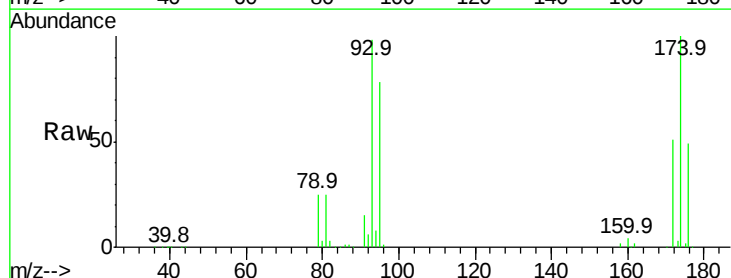
Tgt Ion: 93 Resp: 162497

Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 104.1 83.0 124.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

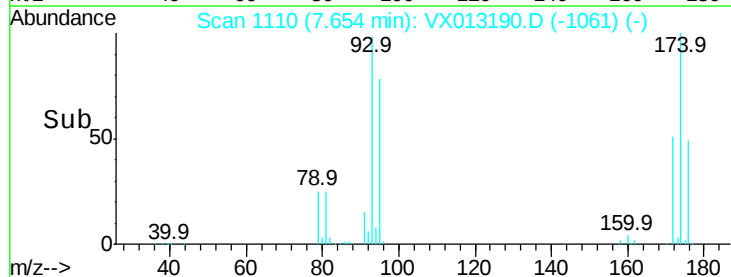
60000

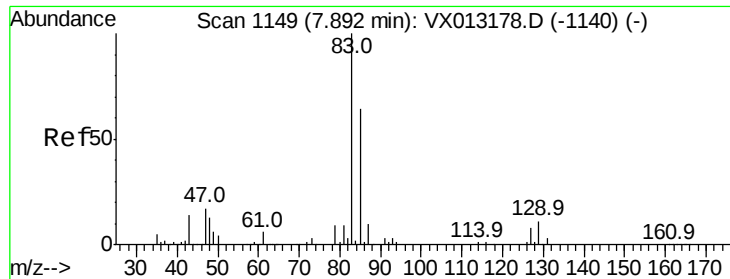
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 155.125 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

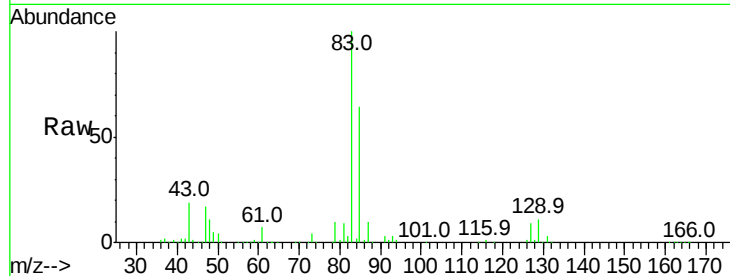
Tgt Ion: 83 Resp: 339327

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

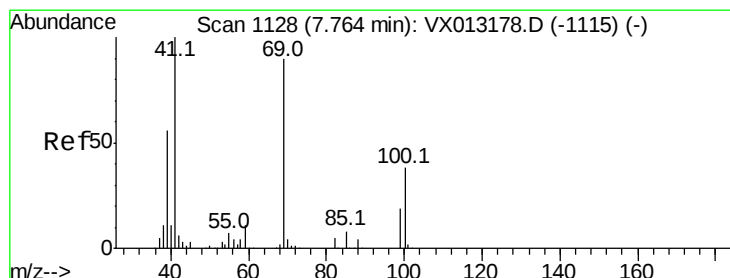
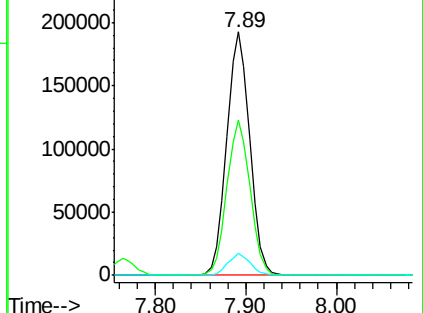
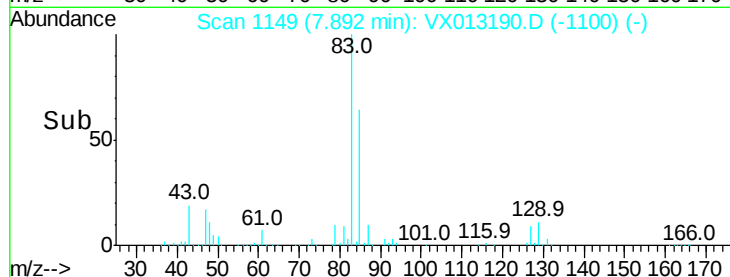
127 8.9 6.7 10.1



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: 152.527 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

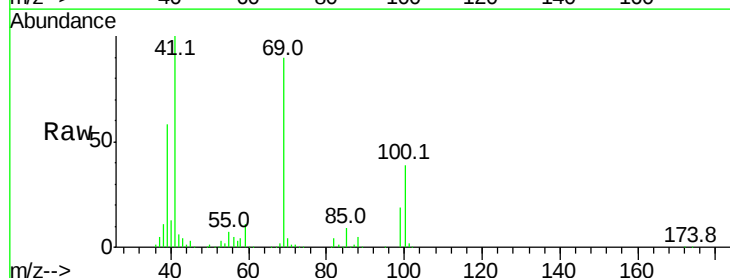
Tgt Ion: 41 Resp: 259862

Ion Ratio Lower Upper

41 100

69 88.5 72.2 108.4

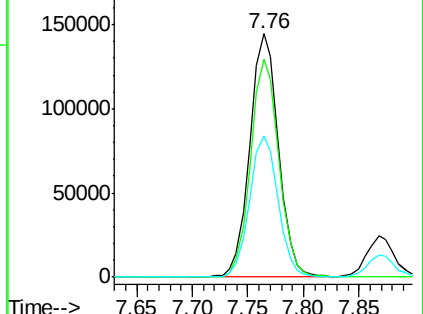
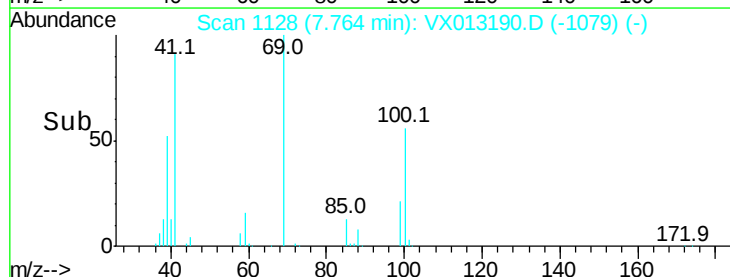
39 57.8 45.6 68.4

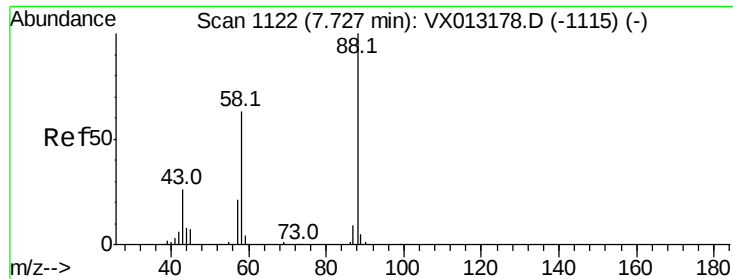


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

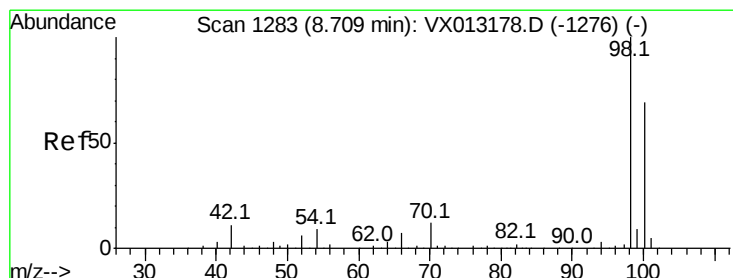
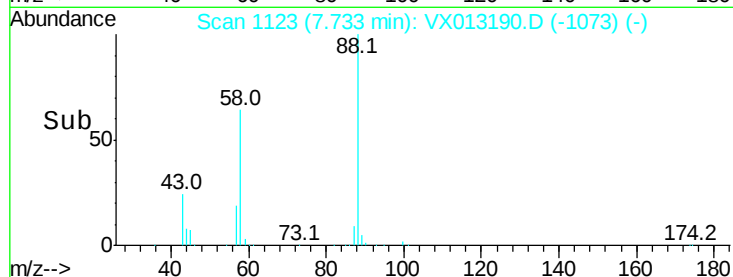
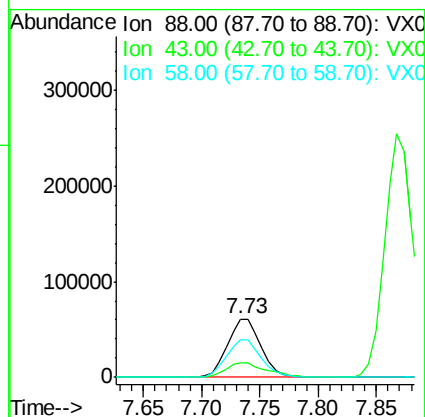
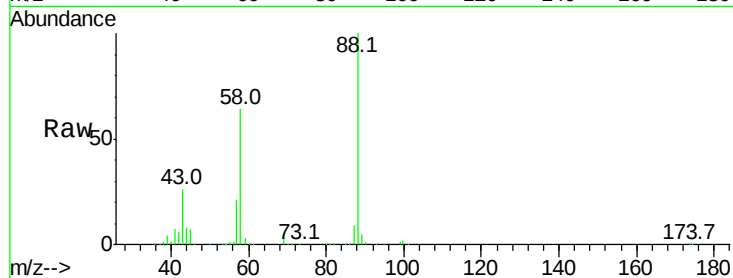




#49
1,4-Dioxane
Concen: 2607.087 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

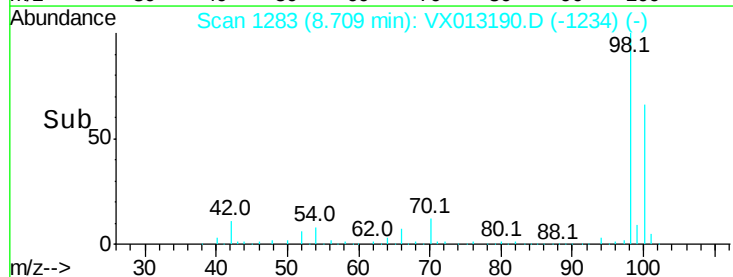
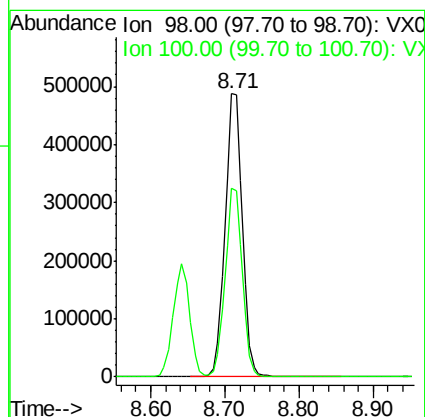
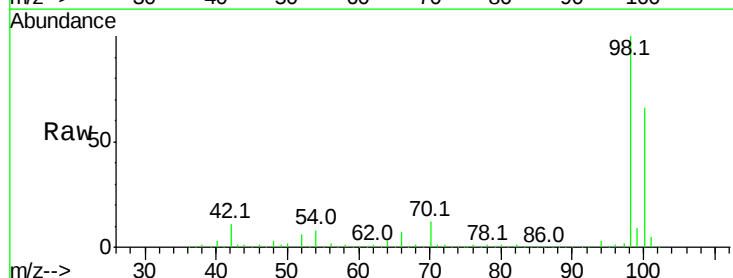
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

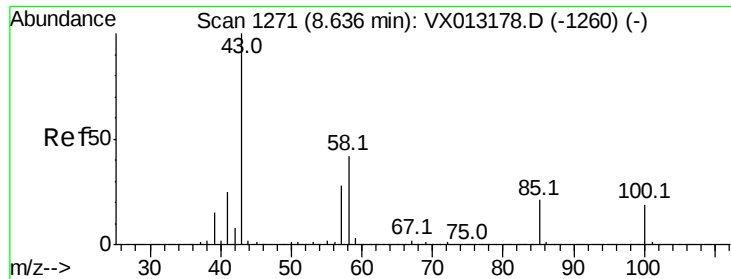
Tgt Ion: 88 Resp: 120974
Ion Ratio Lower Upper
88 100
43 30.5 24.4 36.6
58 67.2 52.2 78.4



#50
Toluene-d8
Concen: 148.291 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 98 Resp: 785959
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

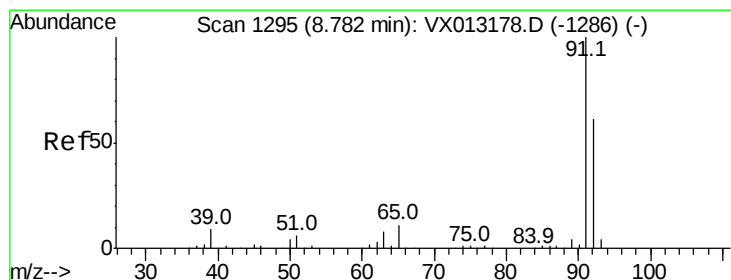
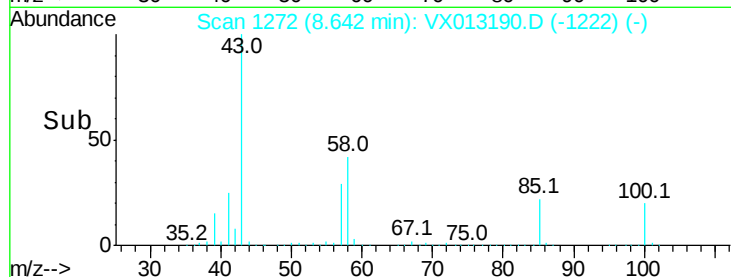
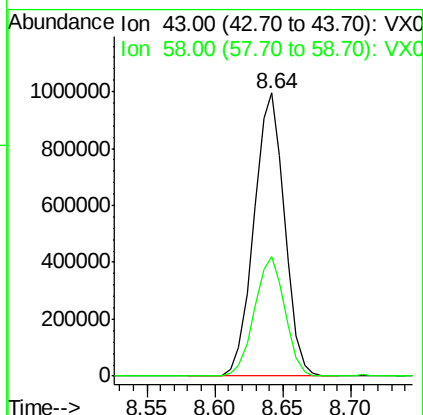
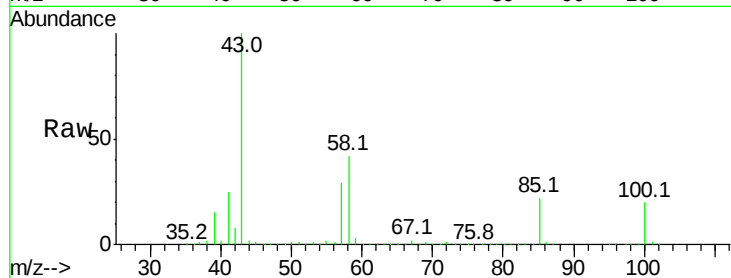




#51
4-Methyl-2-Pentanone
Concen: 728.945 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

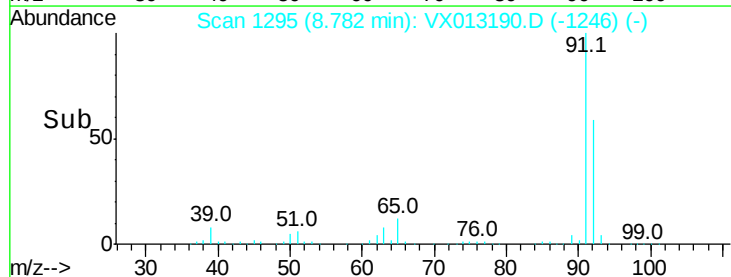
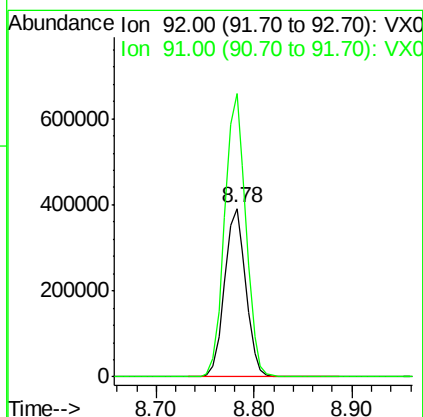
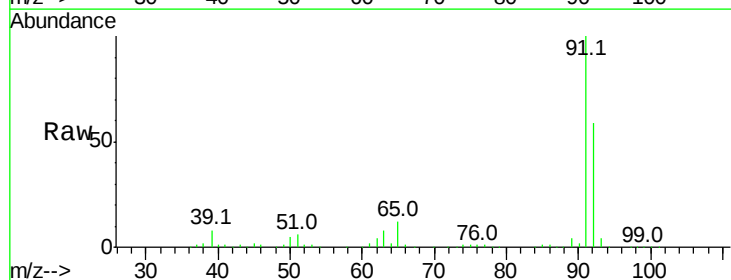
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

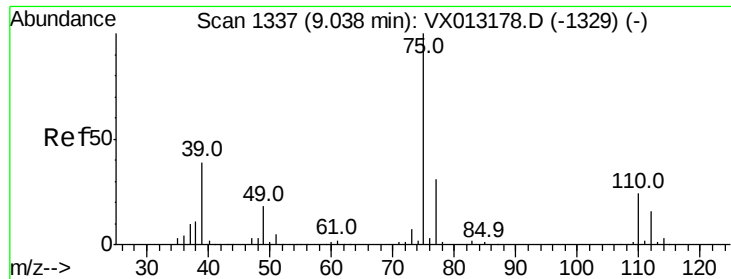
Tgt Ion: 43 Resp: 1569400
Ion Ratio Lower Upper
43 100
58 42.0 33.5 50.3



#52
Toluene
Concen: 144.190 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 92 Resp: 589585
Ion Ratio Lower Upper
92 100
91 168.7 133.4 200.0

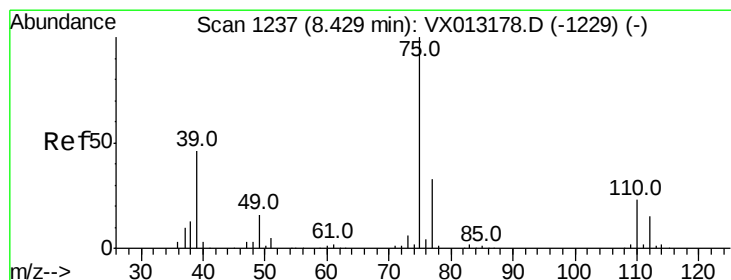
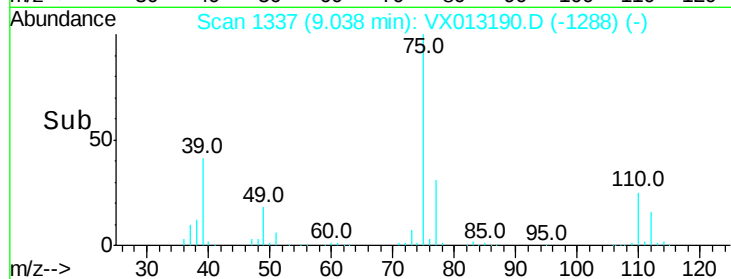
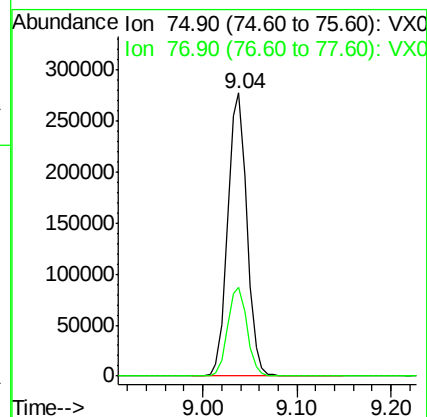
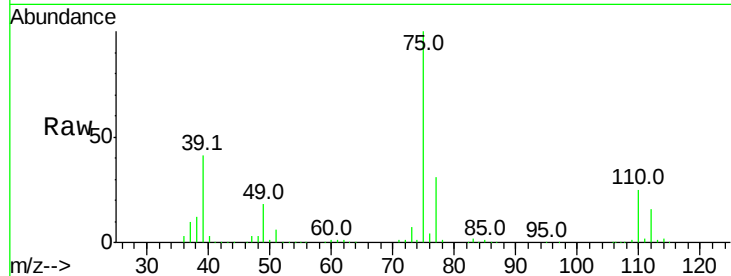




#53
 t-1,3-Dichloropropene
 Concen: 166.745 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

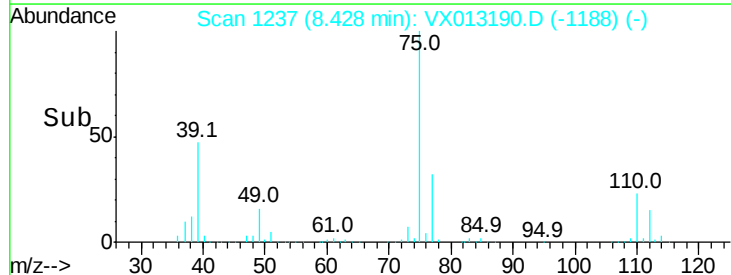
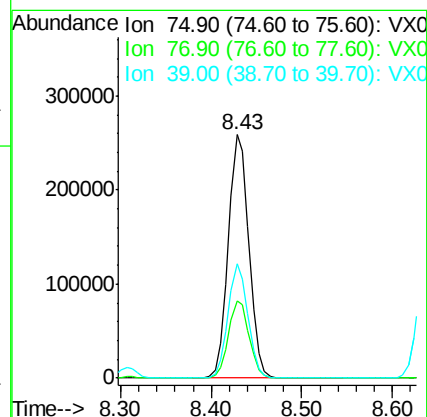
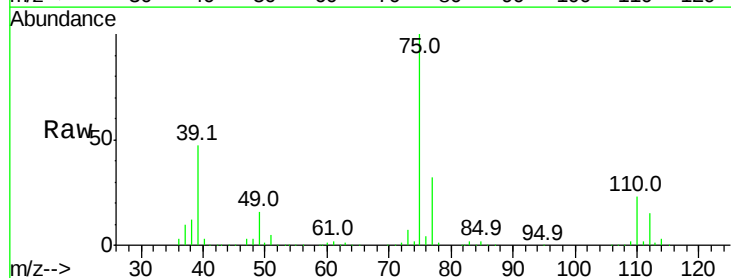
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

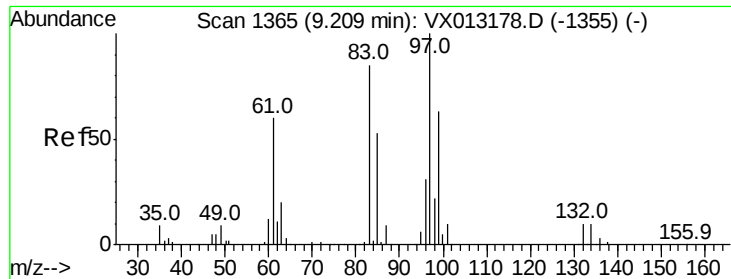
Tgt Ion: 75 Resp: 390594
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 157.838 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion: 75 Resp: 407844
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6
 39 47.1 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 144.903 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 239562

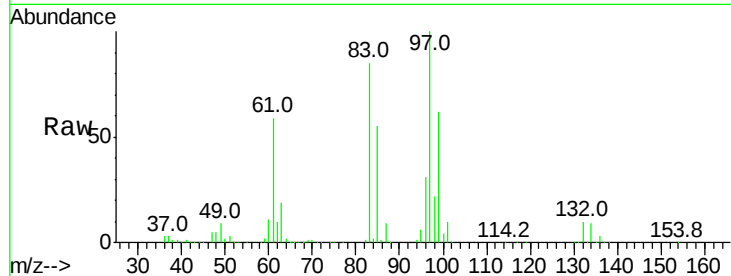
Ion Ratio Lower Upper

97 100

83 85.0 67.8 101.6

85 54.5 42.7 64.1

99 62.3 51.1 76.7

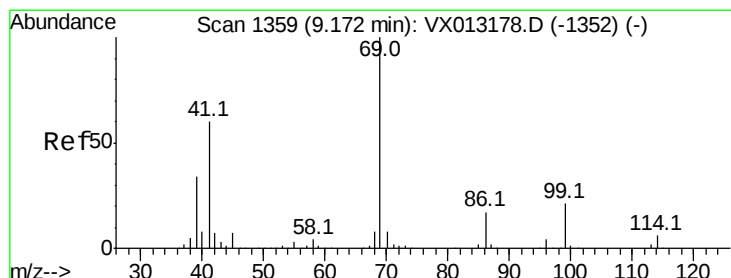
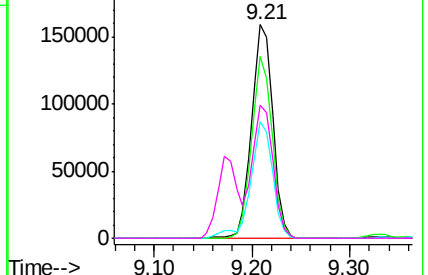
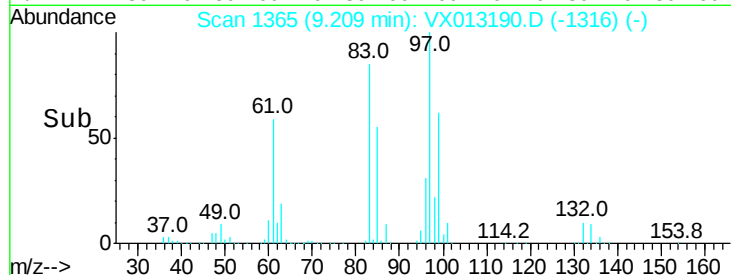


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 158.206 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

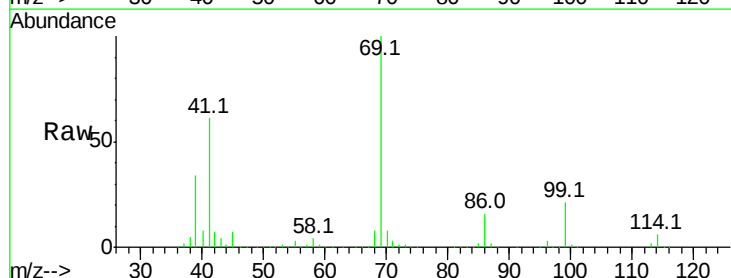
Tgt Ion: 69 Resp: 400343

Ion Ratio Lower Upper

69 100

41 60.7 48.5 72.7

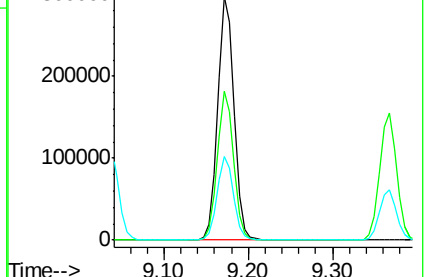
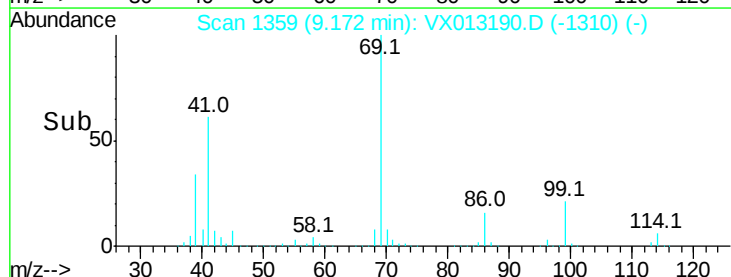
39 34.4 27.8 41.6

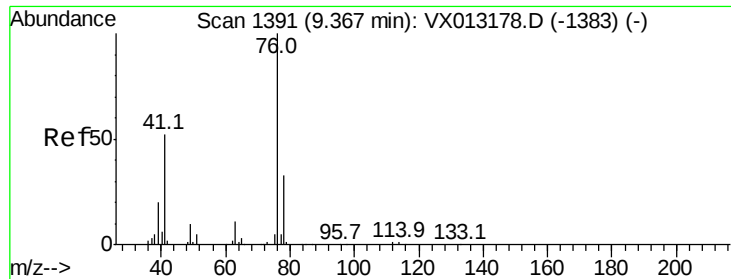


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 145.906 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

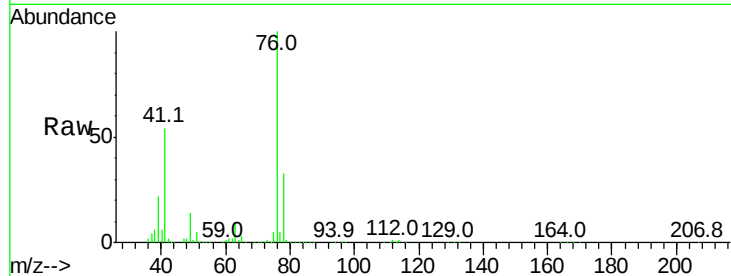
VSTDIC150

Tgt Ion: 76 Resp: 398991

Ion Ratio Lower Upper

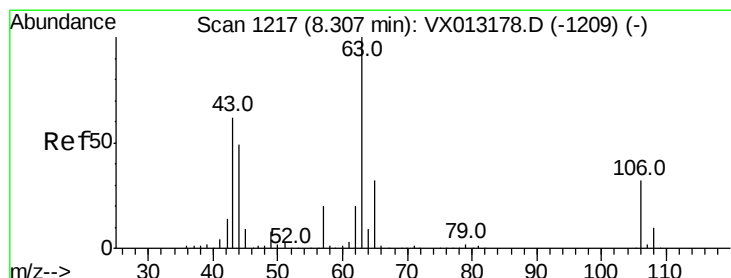
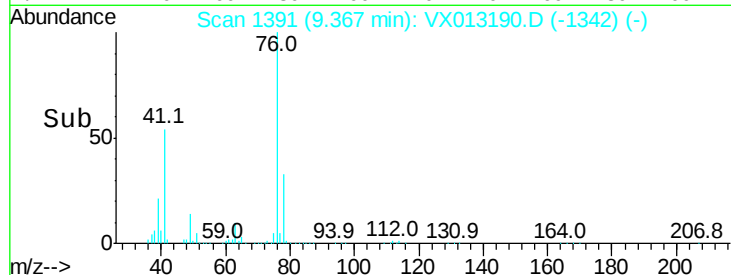
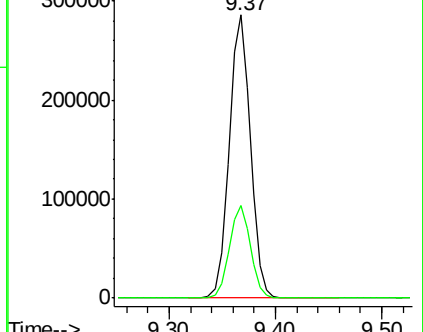
76 100

78 32.5 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: 798.743 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013190.D

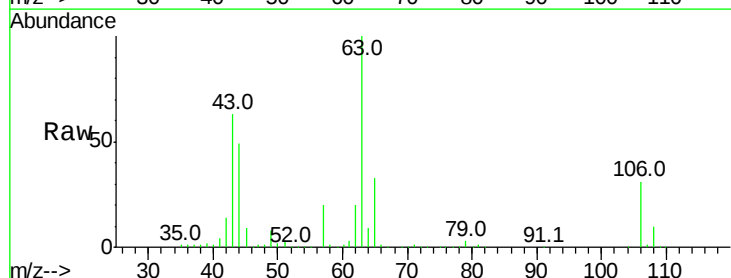
Acq: 23 Oct 2019 15:08

Tgt Ion: 63 Resp: 793278

Ion Ratio Lower Upper

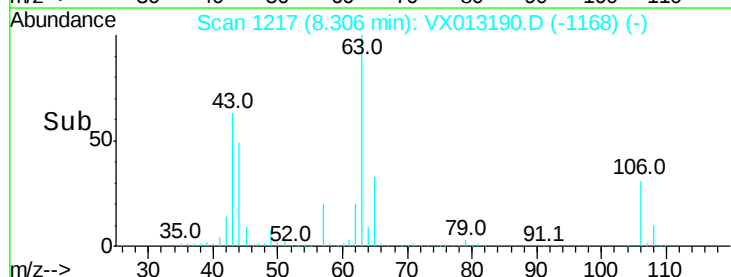
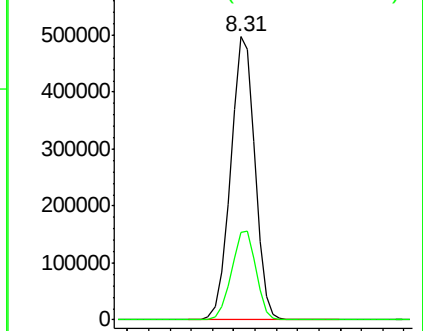
63 100

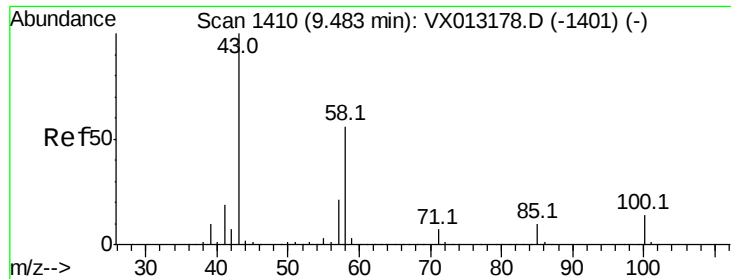
106 32.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

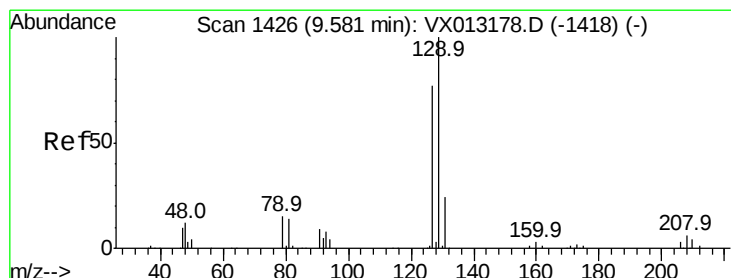
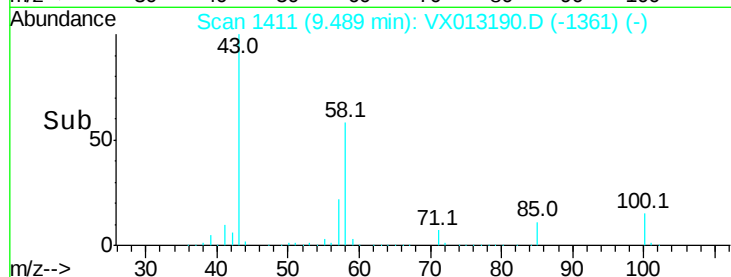
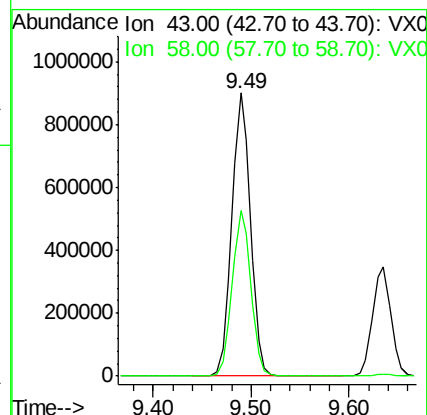
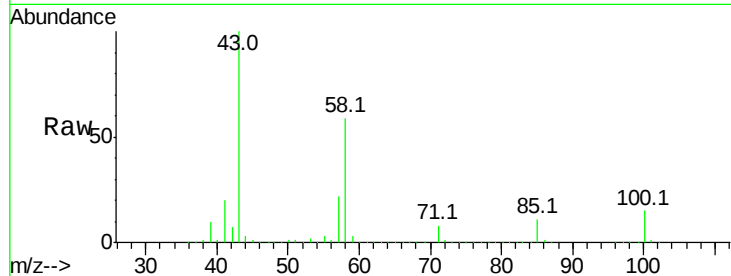




#59
2-Hexanone
Concen: 706.693 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

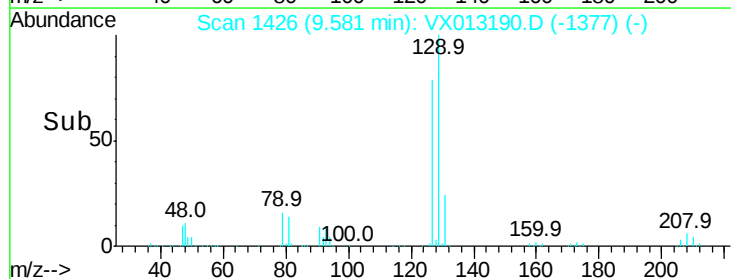
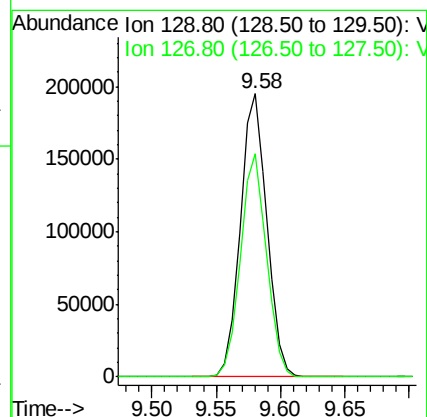
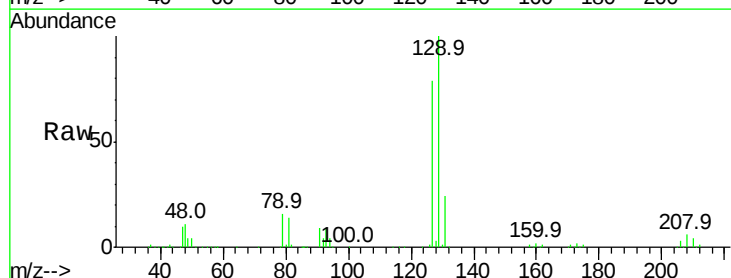
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

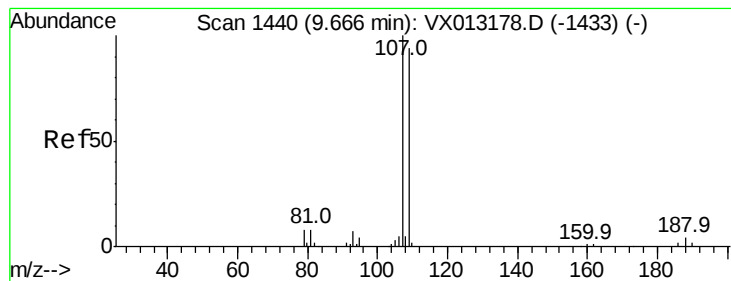
Tgt Ion: 43 Resp: 1193461
Ion Ratio Lower Upper
43 100
58 58.6 28.4 85.3



#60
Dibromochloromethane
Concen: 163.424 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 129 Resp: 277293
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 146.575 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

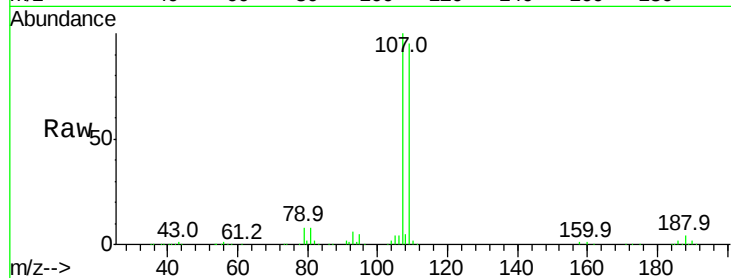
VSTDIC150

Tgt Ion: 107 Resp: 259037

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

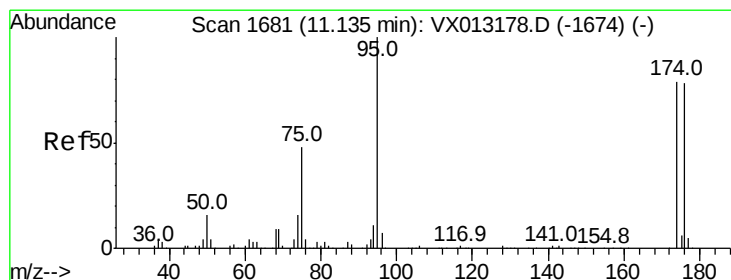
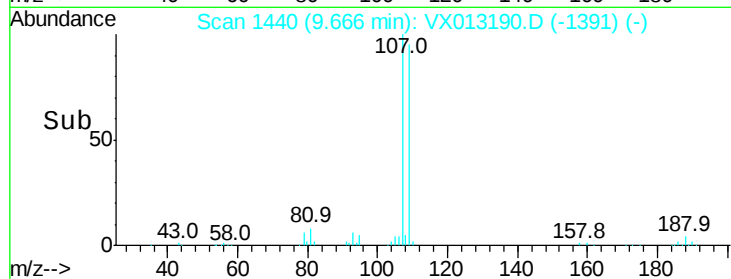
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 146.521 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

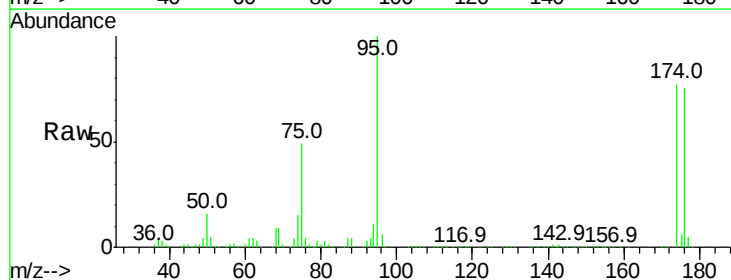
Tgt Ion: 95 Resp: 319941

Ion Ratio Lower Upper

95 100

174 74.6 0.0 155.6

176 73.4 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

11.14

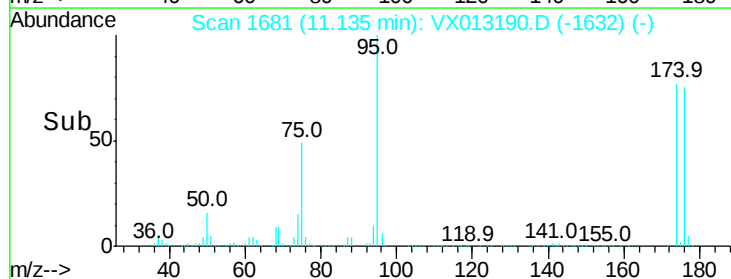
300000

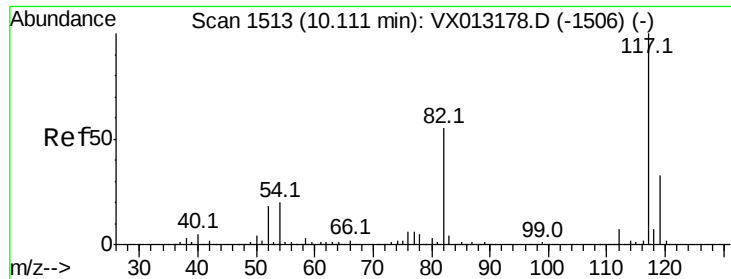
200000

100000

0

Time-->

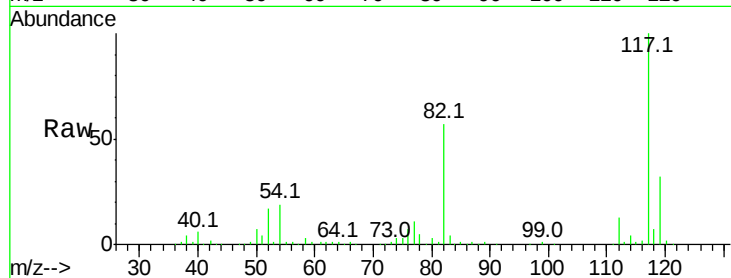




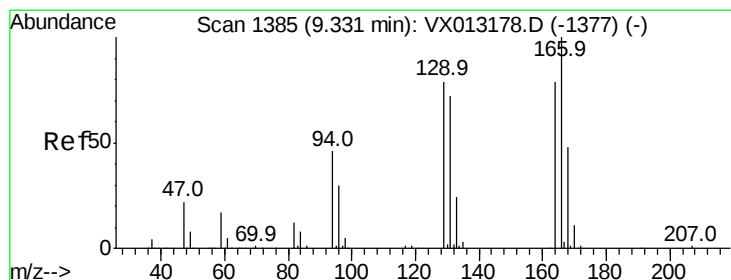
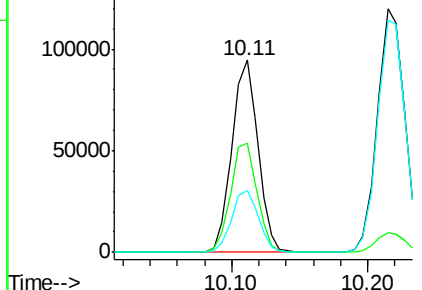
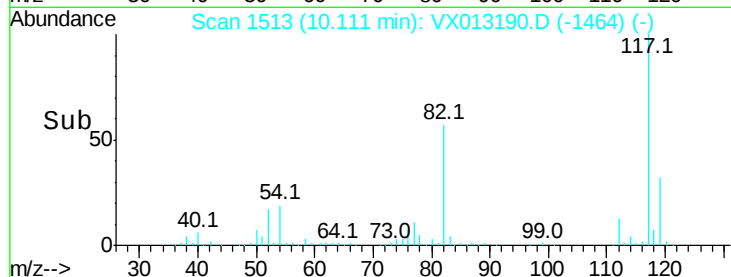
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 126741
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.0 26.3 39.5

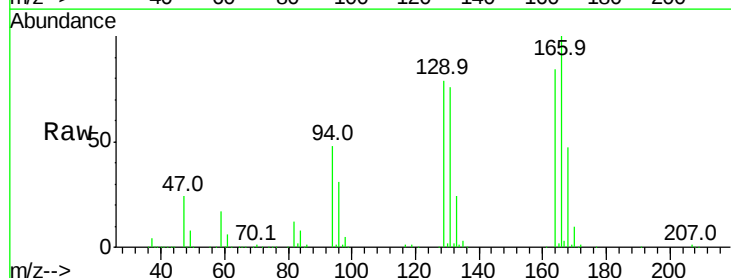


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

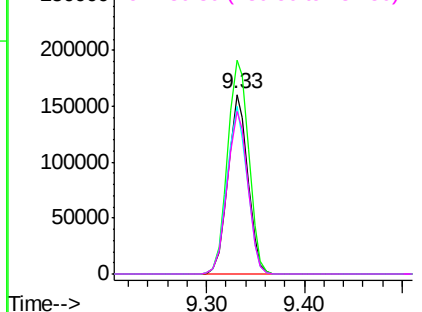
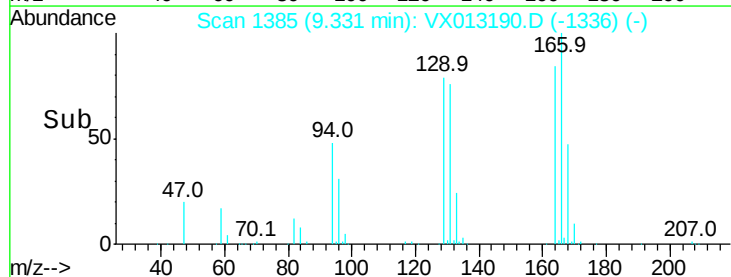


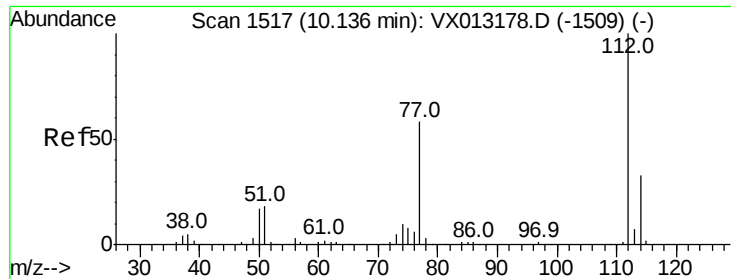
#64
Tetrachloroethene
Concen: 131.019 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion:164 Resp: 225524
Ion Ratio Lower Upper
164 100
166 119.2 101.3 151.9
129 93.8 79.9 119.9
131 91.1 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

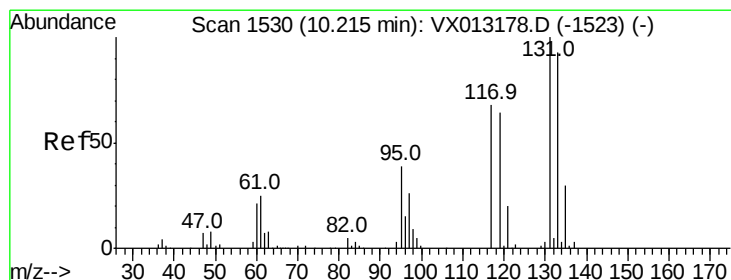
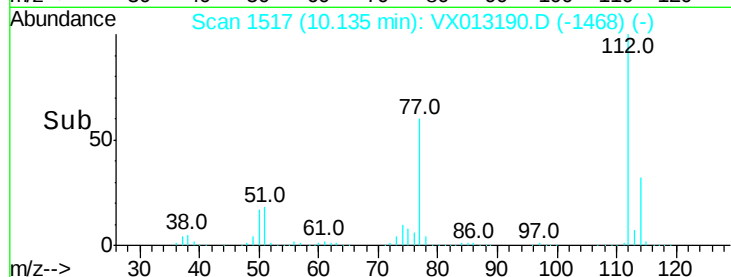
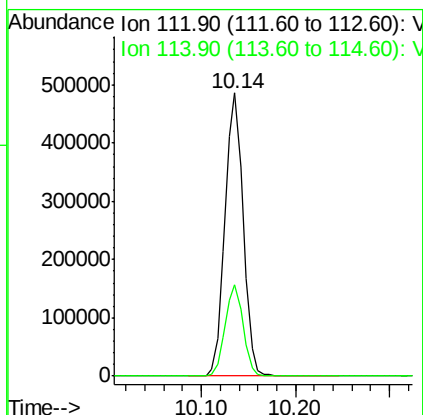
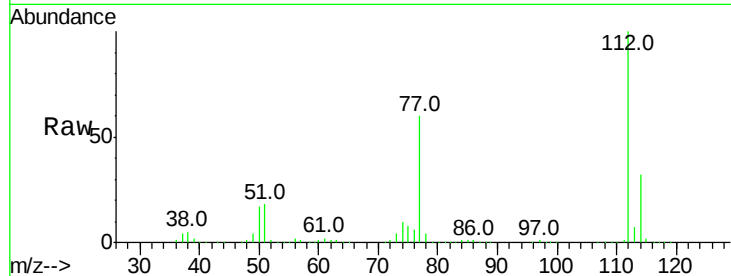




#65
Chlorobenzene
Concen: 147.917 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

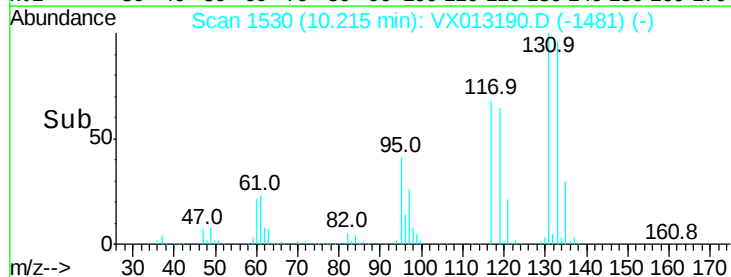
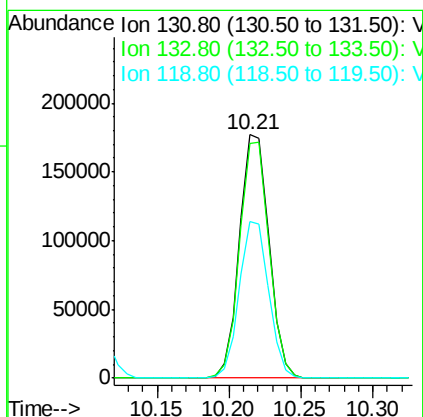
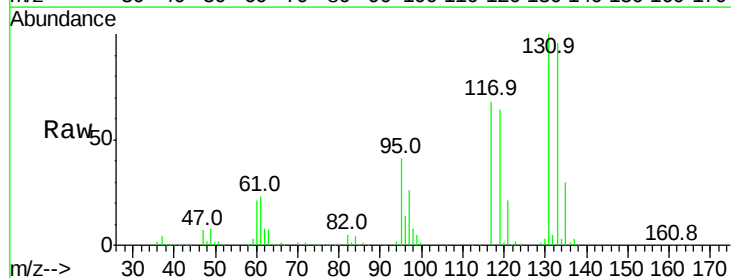
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

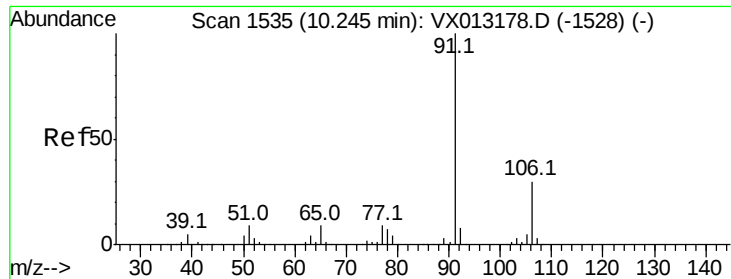
Tgt Ion:112 Resp: 654905
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 155.428 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion:131 Resp: 252076
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.9
119 64.1 31.6 94.8

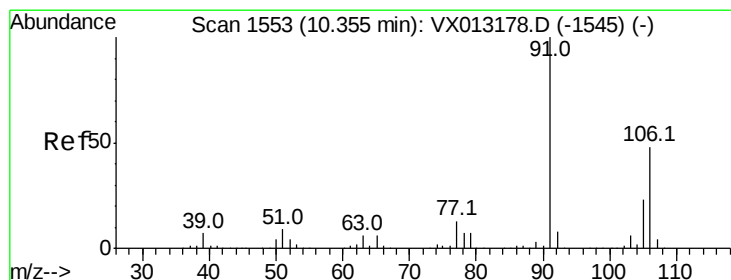
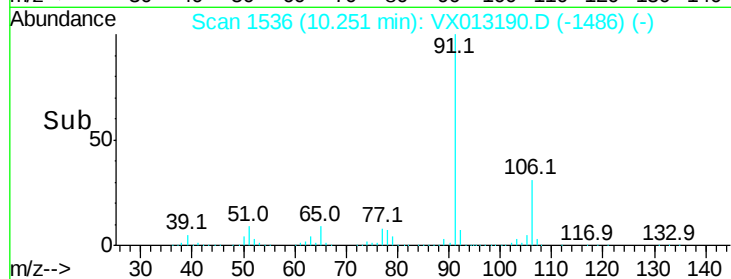
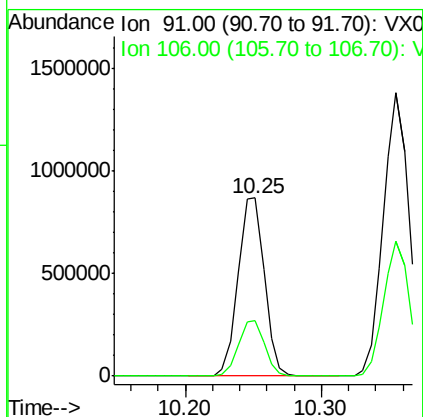
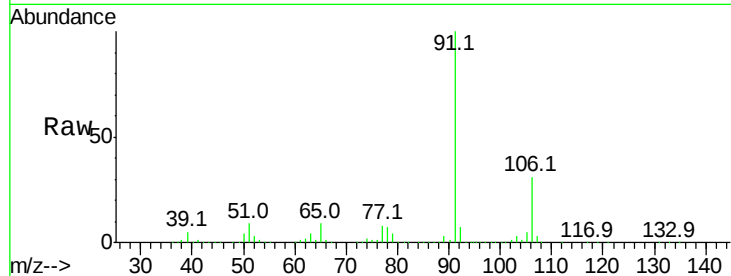




#67
Ethyl Benzene
Concen: 148.612 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

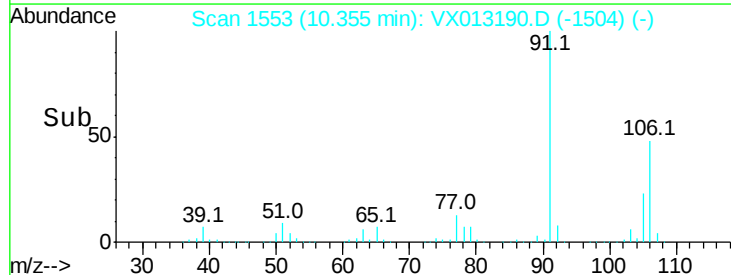
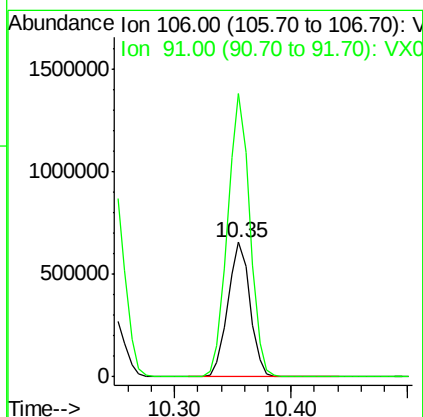
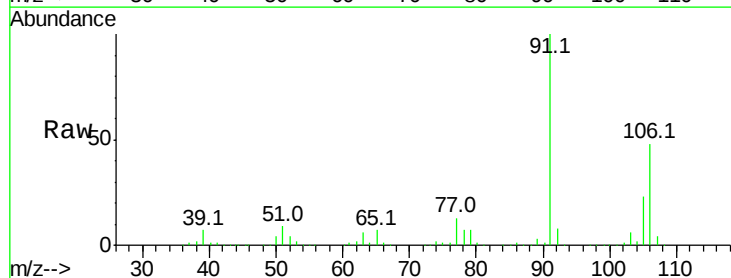
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

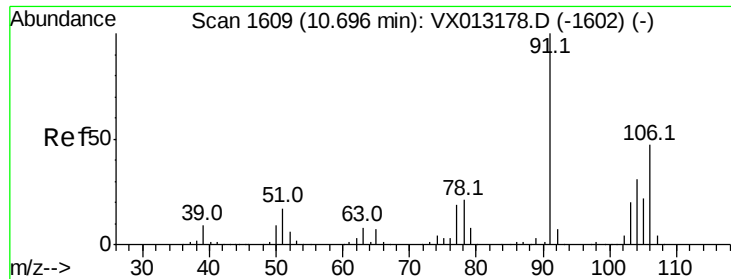
Tgt Ion: 91 Resp: 1176209
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6



#68
m/p-Xylenes
Concen: 291.304 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 106 Resp: 871448
Ion Ratio Lower Upper
106 100
91 210.6 166.3 249.5

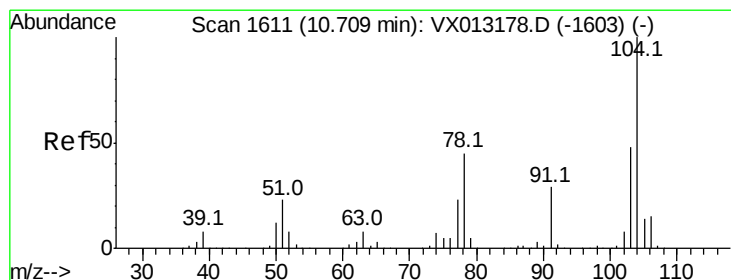
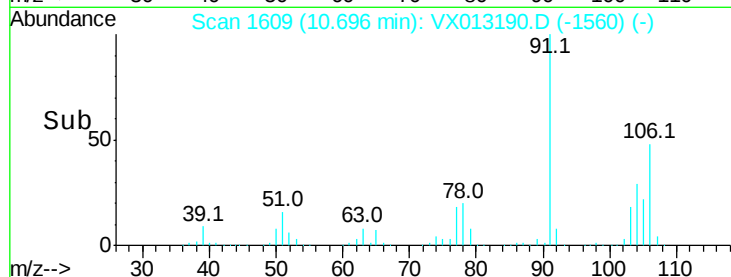
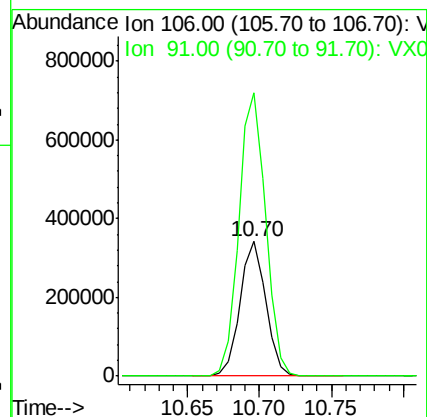
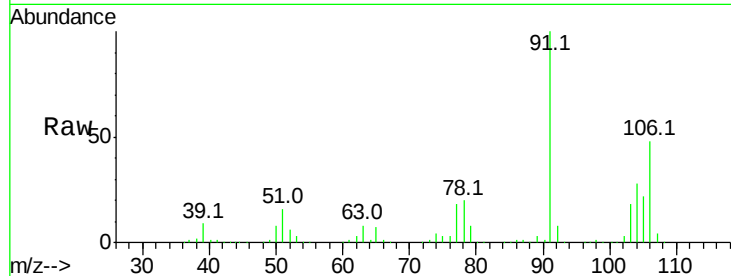




#69
o-Xylene
Concen: 146.965 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

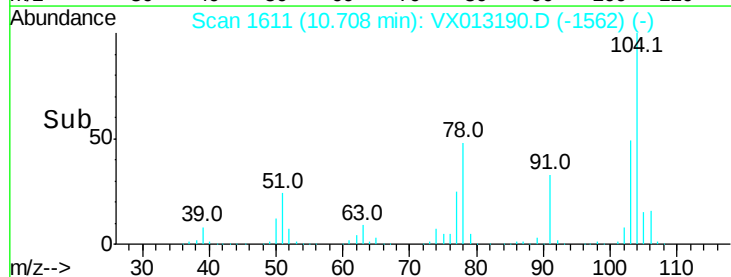
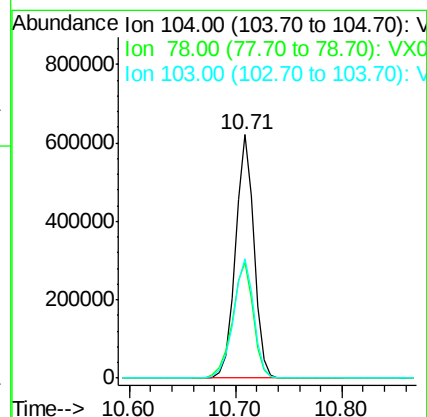
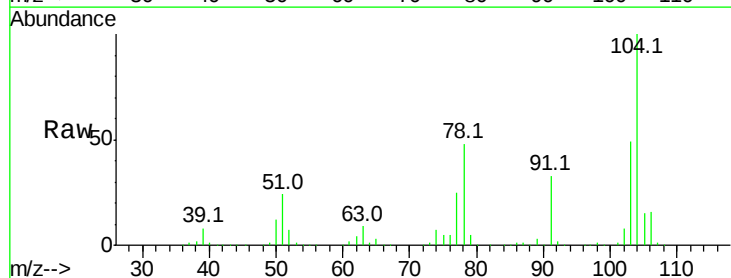
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

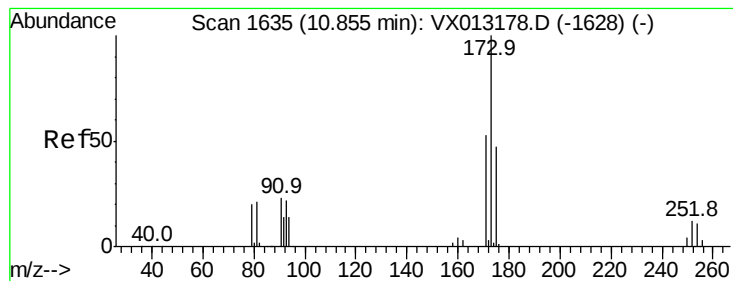
Tgt Ion:106 Resp: 428312
Ion Ratio Lower Upper
106 100
91 217.1 109.5 328.4



#70
Styrene
Concen: 154.144 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion:104 Resp: 755854
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 178.005 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

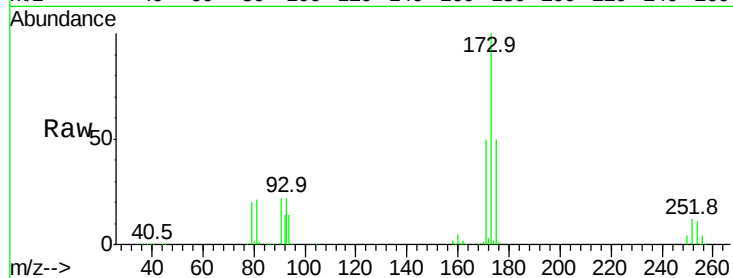
Tgt Ion:173 Resp: 208538

Ion Ratio Lower Upper

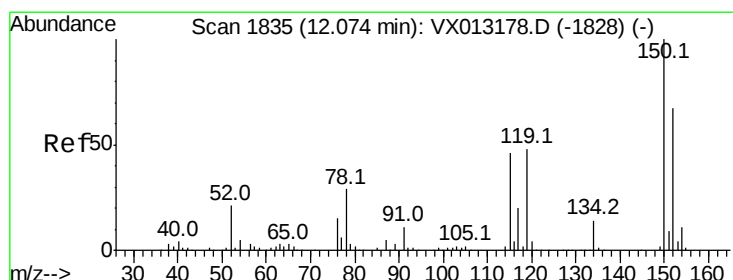
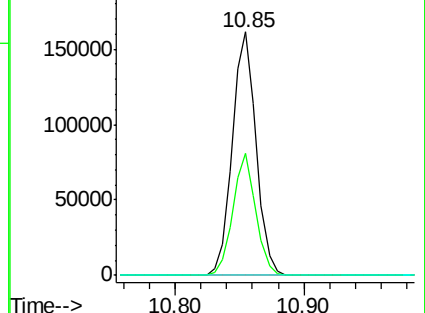
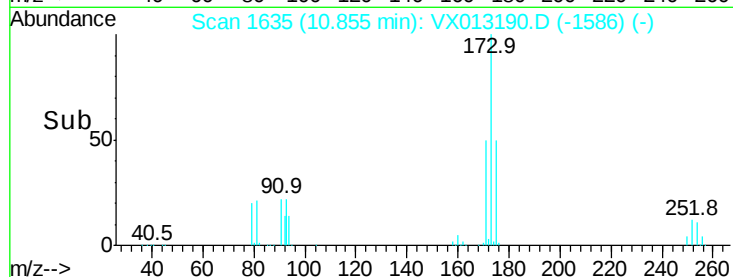
173 100

175 48.2 24.4 73.4

254 0.1 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: VX013190.D

Acq: 23 Oct 2019 15:08

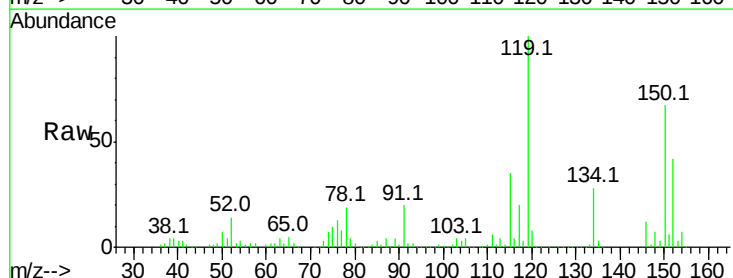
Tgt Ion:152 Resp: 89406

Ion Ratio Lower Upper

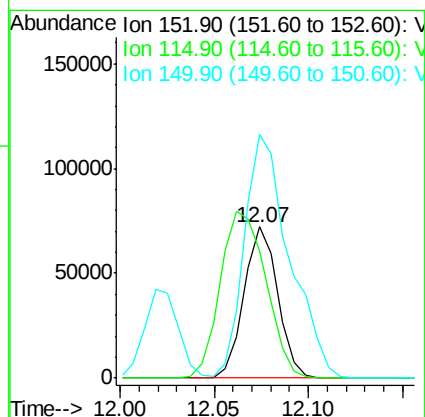
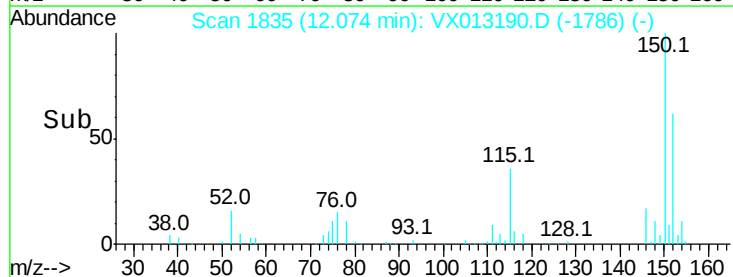
152 100

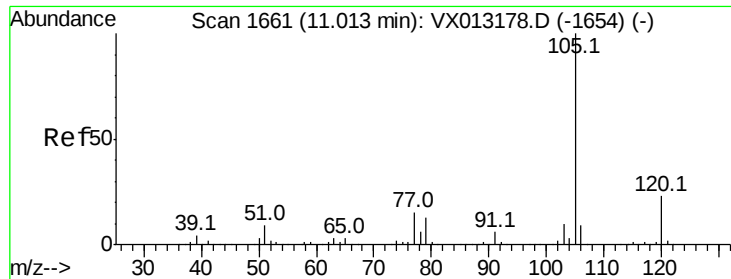
115 150.1 46.3 138.9#

150 215.0 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: 145.887 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

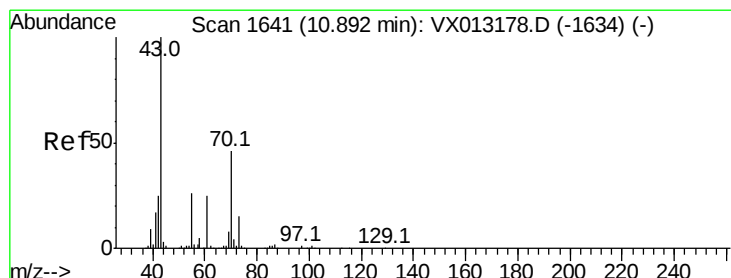
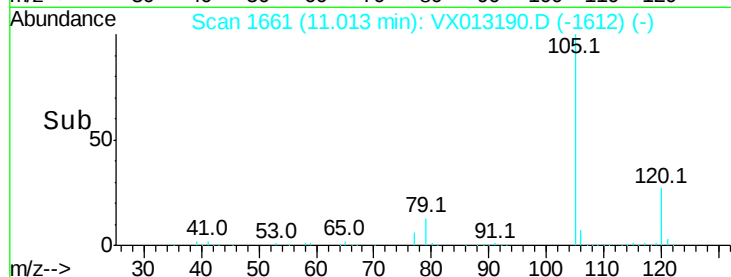
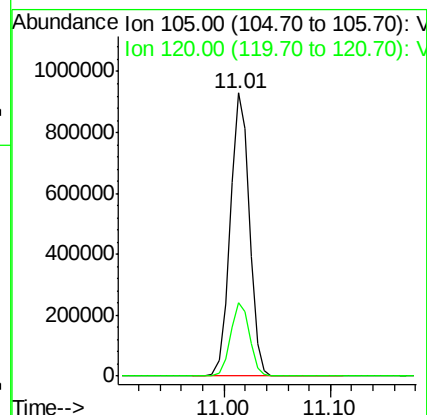
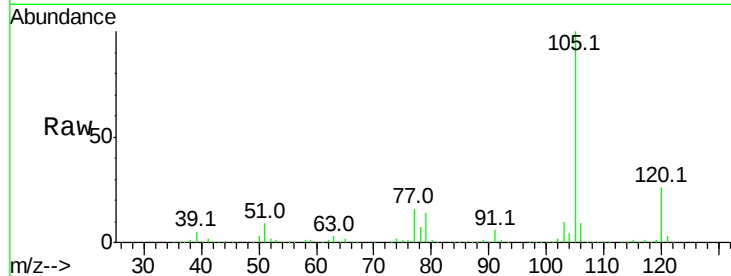
VSTDIC150

Tgt Ion:105 Resp: 1168757

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 154.661 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Tgt Ion: 43 Resp: 462963

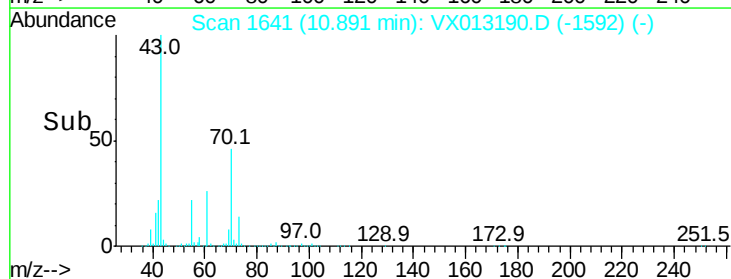
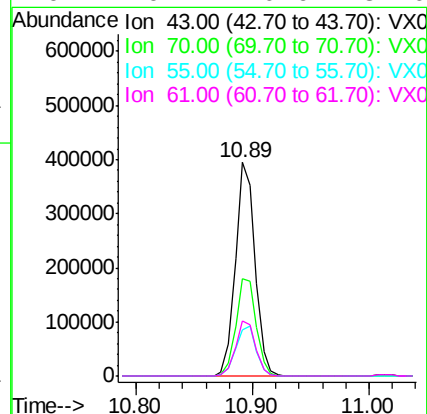
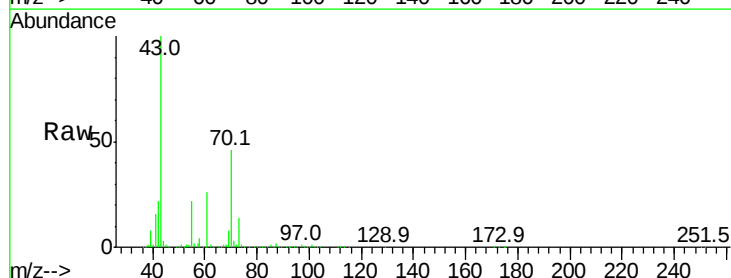
Ion Ratio Lower Upper

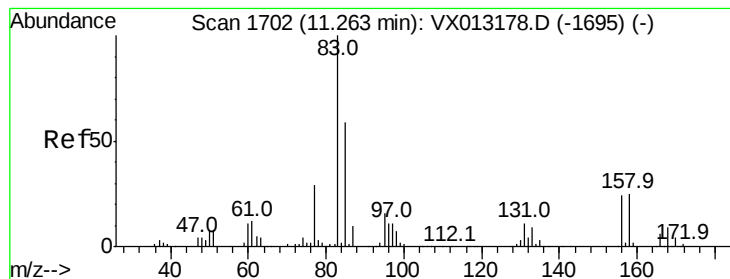
43 100

70 47.6 37.8 56.8

55 24.4 20.6 31.0

61 26.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 145.067 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

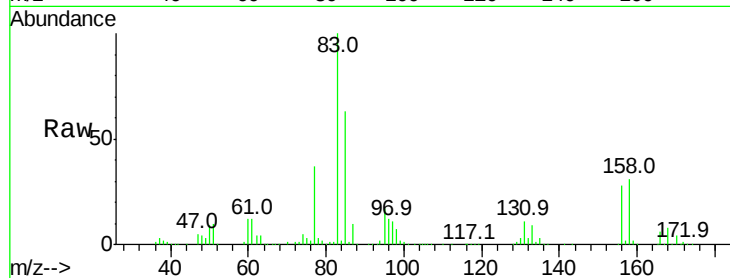
Tgt Ion: 83 Resp: 359896

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

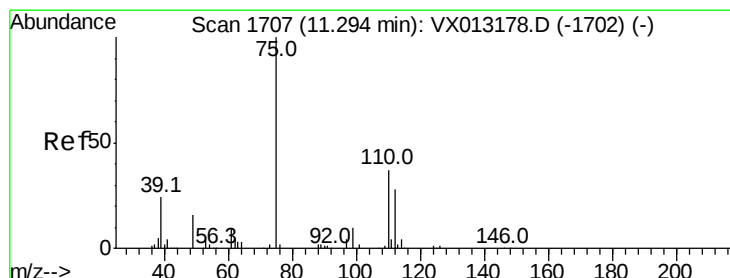
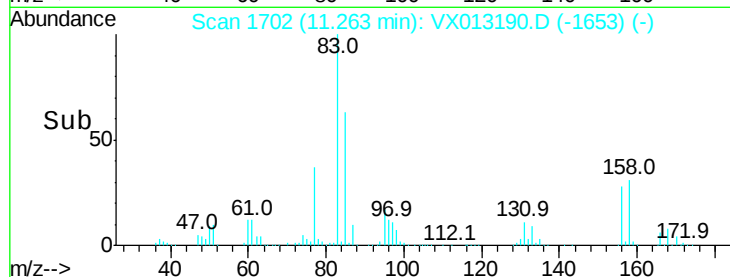
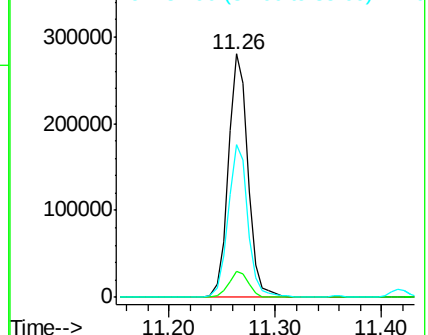
85 63.3 31.6 94.8



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: 207.728 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013190.D

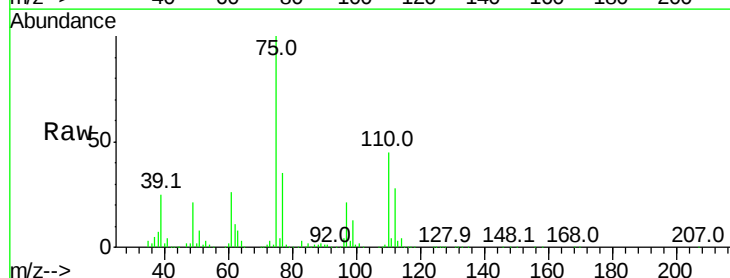
Acq: 23 Oct 2019 15:08

Tgt Ion: 75 Resp: 429989

Ion Ratio Lower Upper

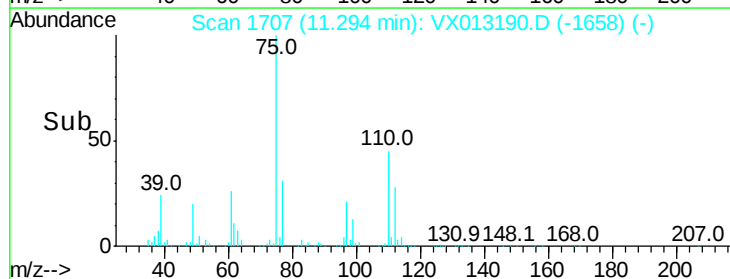
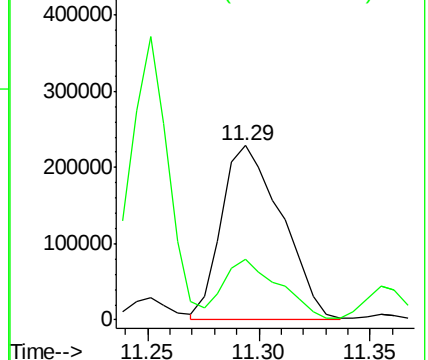
75 100

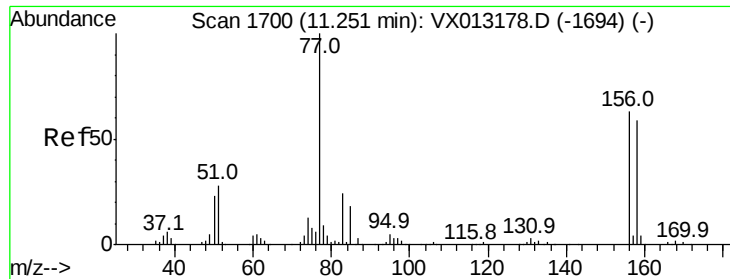
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 147.450 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

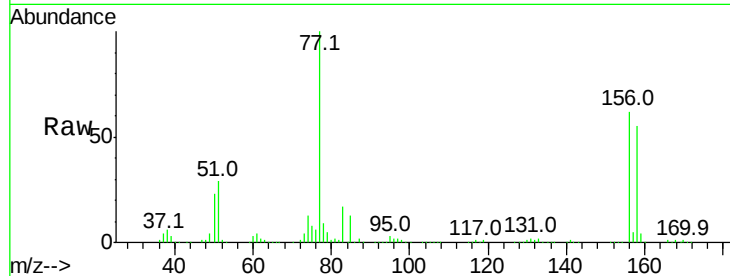
Tgt Ion:156 Resp: 279451

Ion Ratio Lower Upper

156 100

77 160.5 81.5 244.4

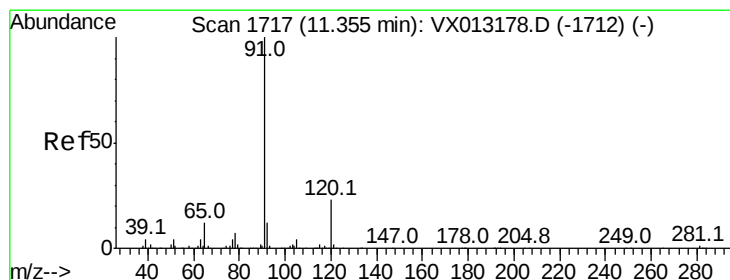
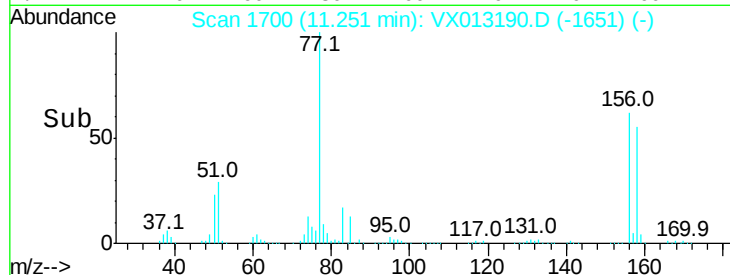
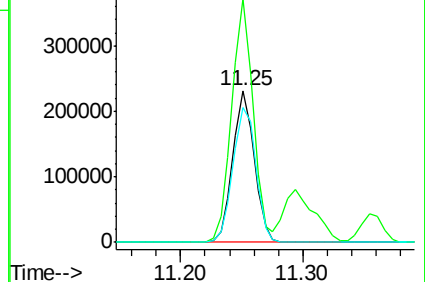
158 95.0 49.0 147.2



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: 152.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013190.D

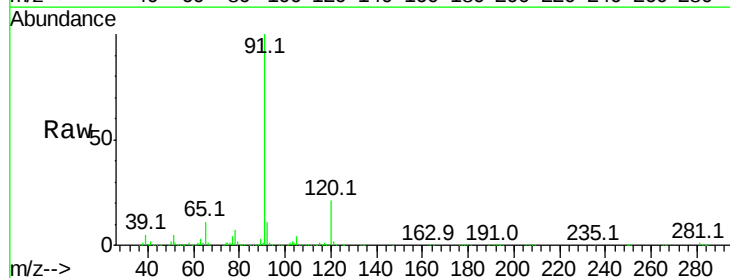
Acq: 23 Oct 2019 15:08

Tgt Ion: 91 Resp: 1308556

Ion Ratio Lower Upper

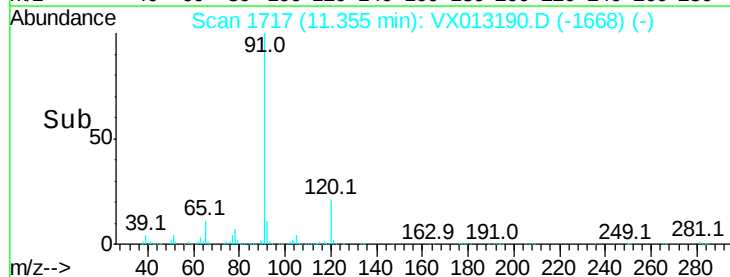
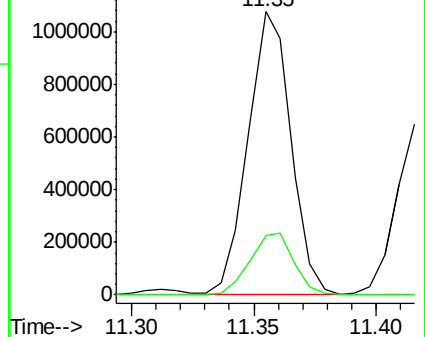
91 100

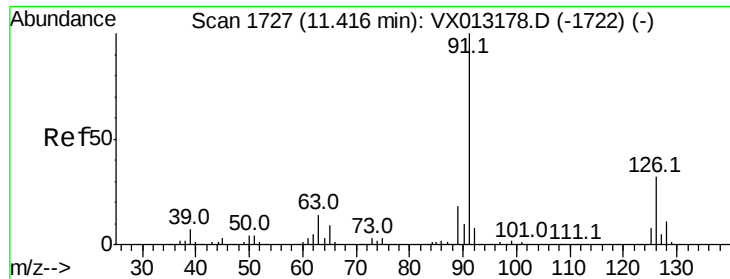
120 22.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

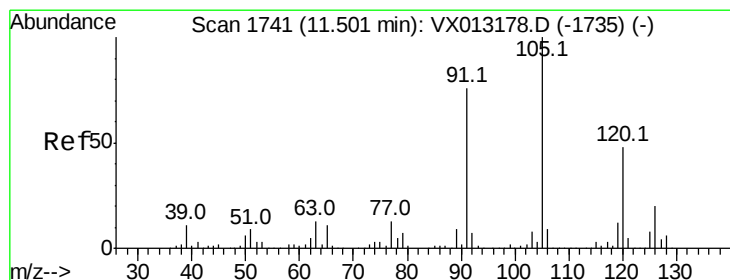
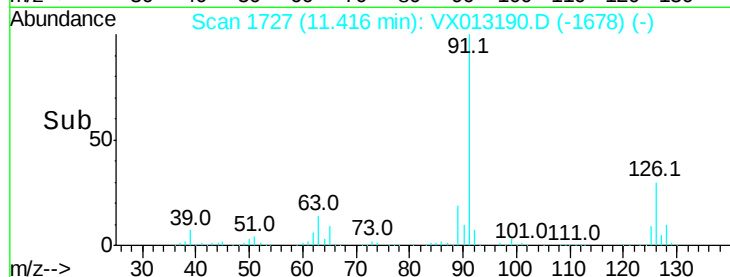
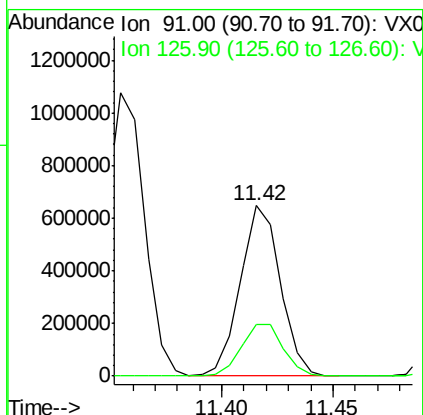
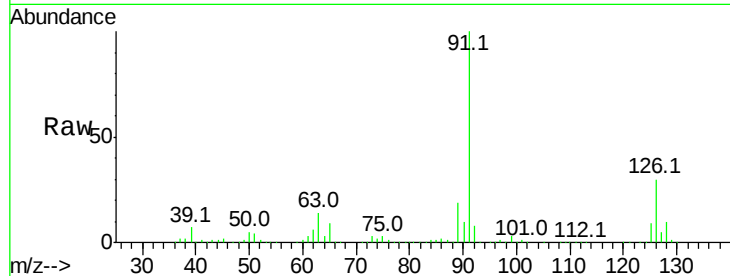




#79
2-Chlorotoluene
Concen: 147.095 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

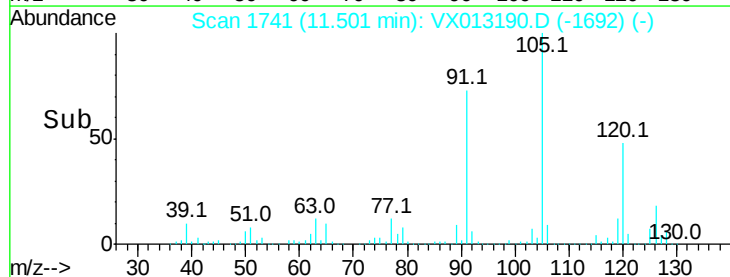
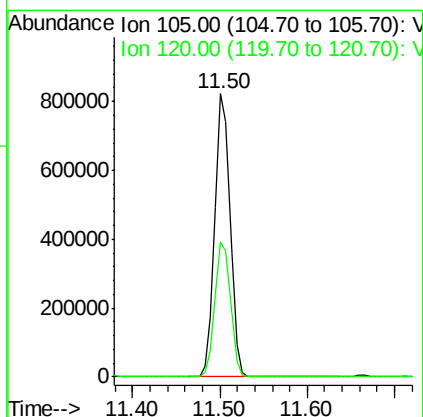
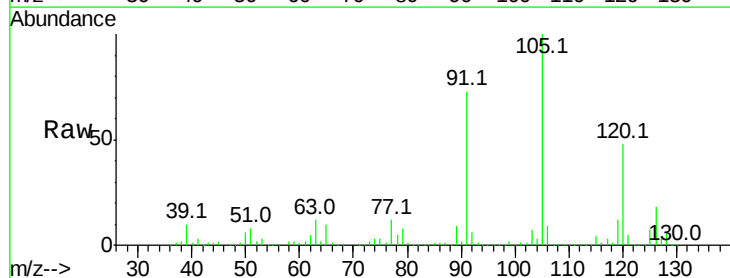
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

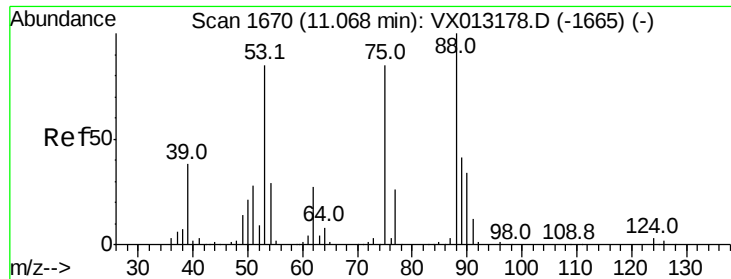
Tgt Ion: 91 Resp: 812520
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 149.141 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 105 Resp: 999757
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 164.129 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

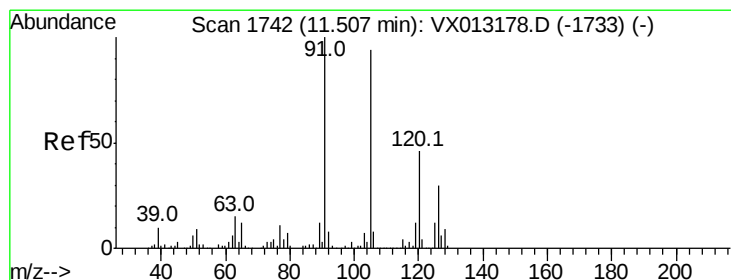
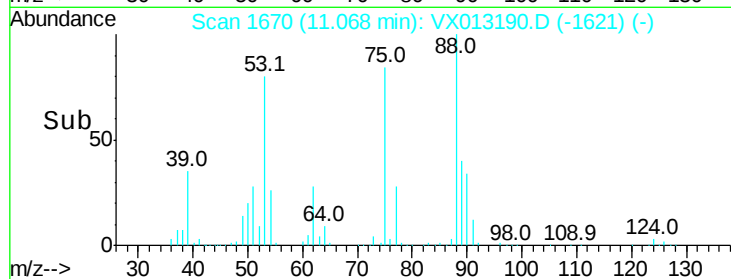
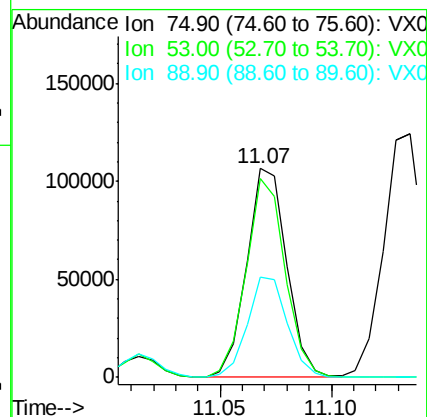
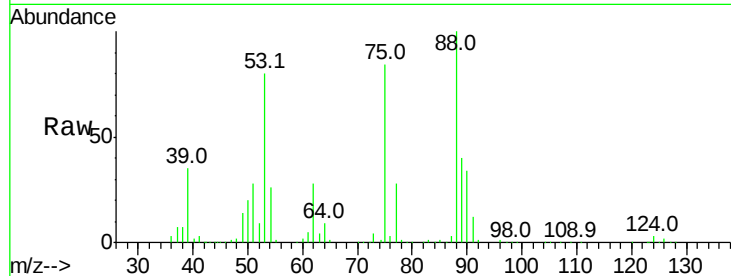
Tgt Ion: 75 Resp: 132857

Ion	Ratio	Lower	Upper
75	100		
53	93.9	76.0	114.0
89	48.2	37.7	56.5

75 100

53 93.9 76.0 114.0

89 48.2 37.7 56.5



#82

4-Chlorotoluene

Concen: 151.005 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013190.D

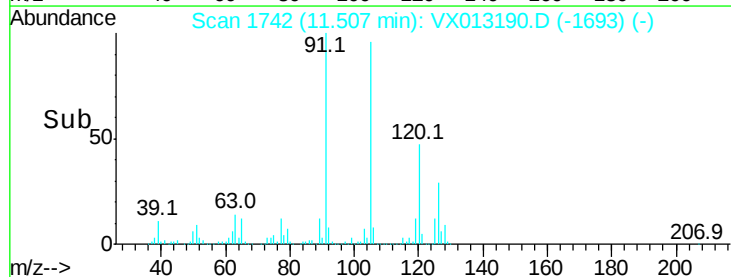
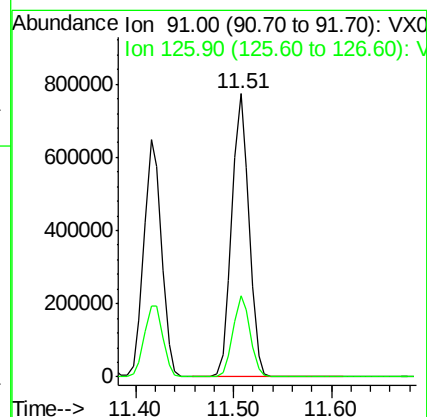
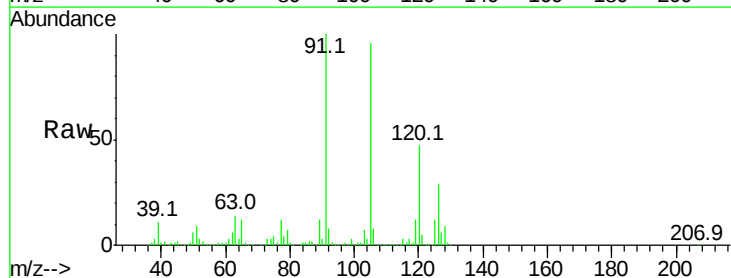
Acq: 23 Oct 2019 15:08

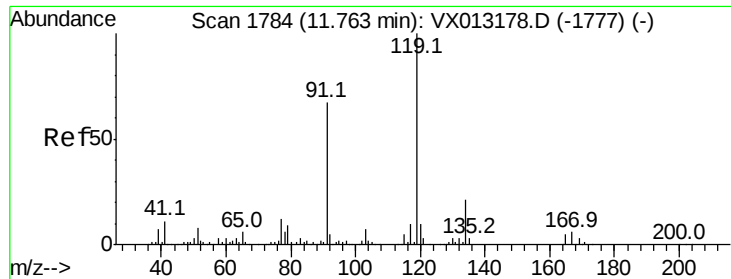
Tgt Ion: 91 Resp: 950820

Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.5	43.6

91 100

126 28.2 14.5 43.6

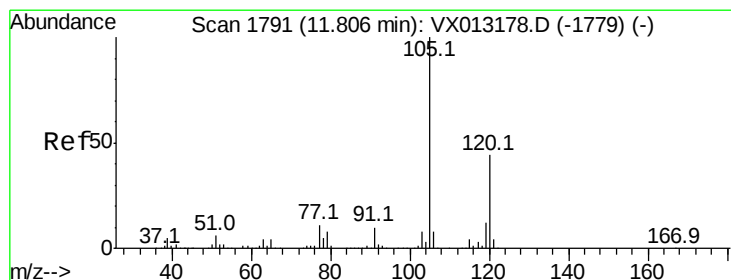
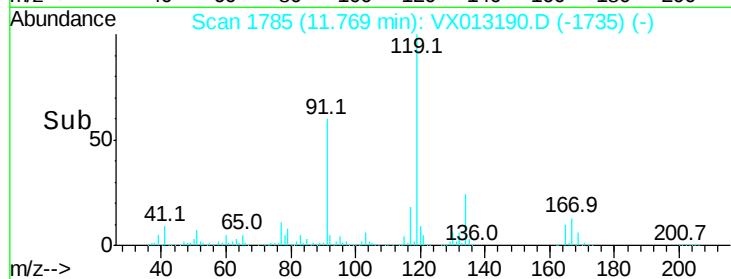
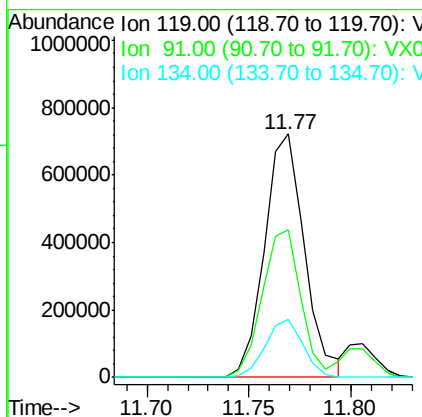
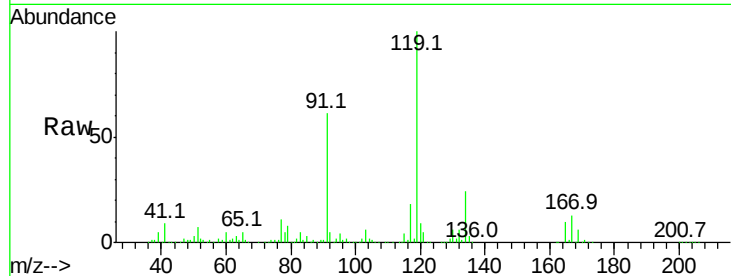




#83
 tert-Butylbenzene
 Concen: 150.618 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

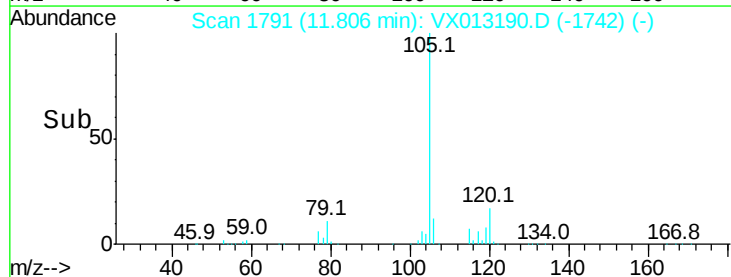
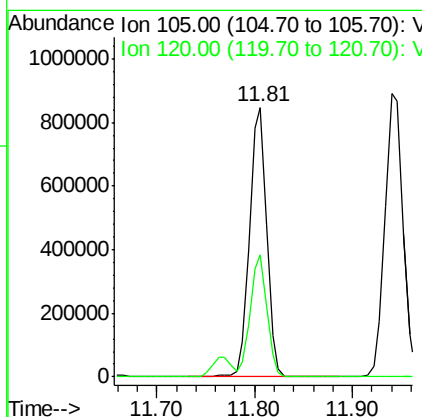
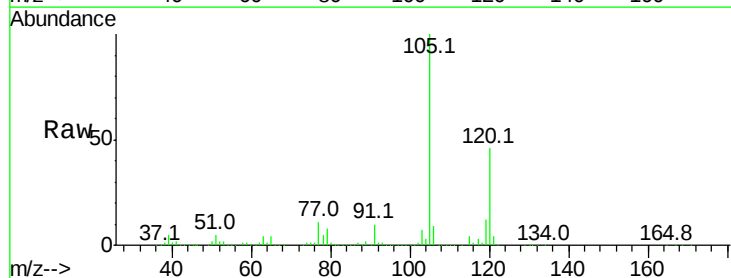
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

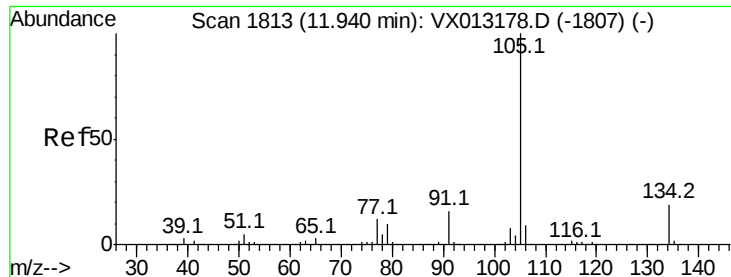
Tgt Ion:119 Resp: 986149
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.4 91.2
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 149.872 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion:105 Resp: 1029616
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.6 64.8

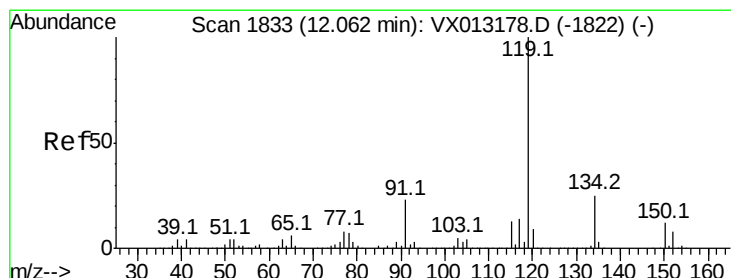
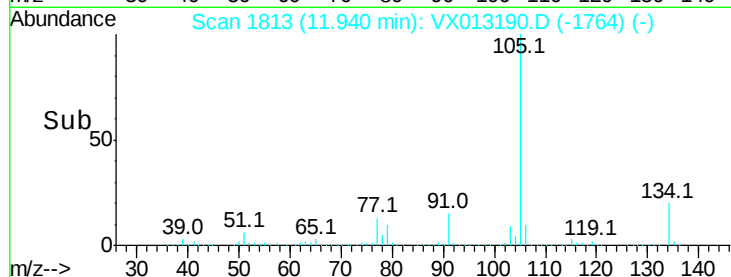
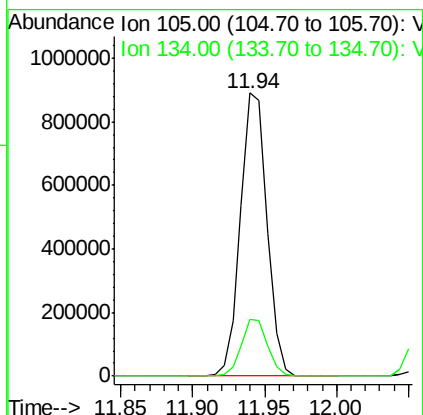
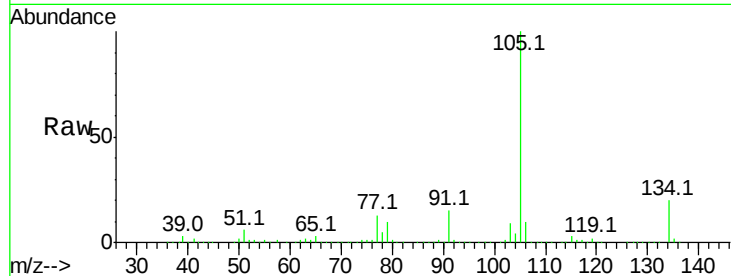




#85
 sec-Butylbenzene
 Concen: 151.231 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

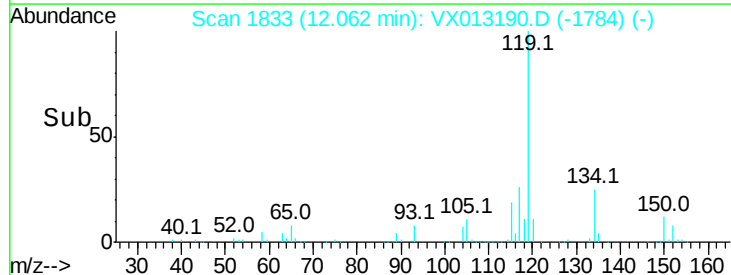
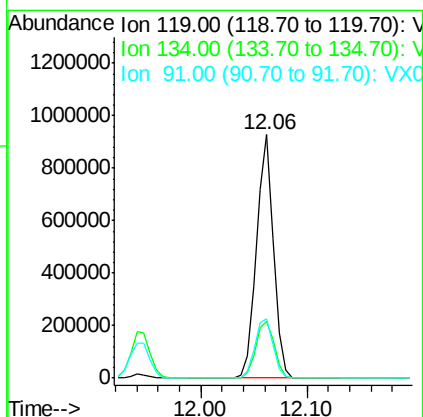
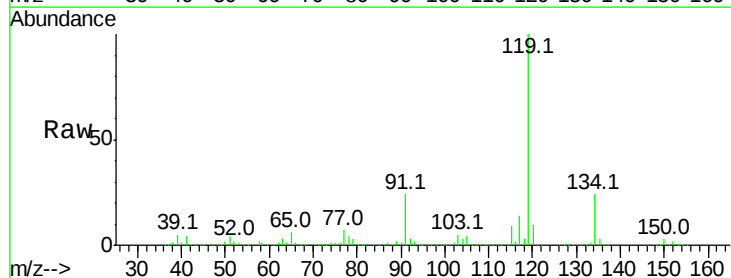
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

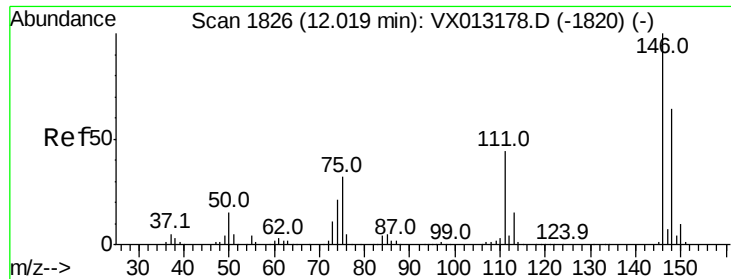
Tgt Ion:105 Resp: 1139501
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 146.538 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion:119 Resp: 1037879
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.3 36.9
 91 26.1 12.4 37.0

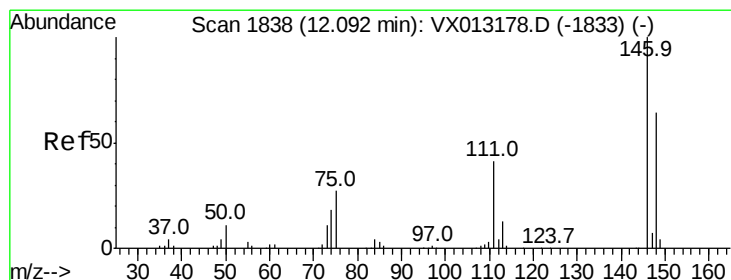
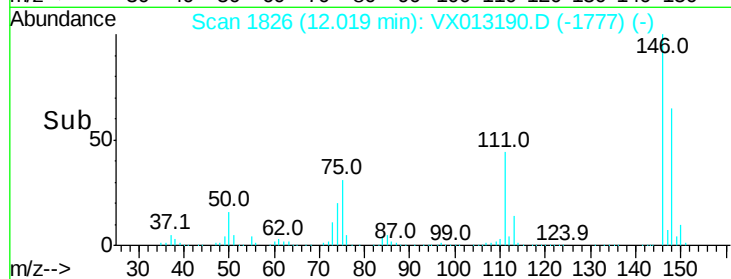
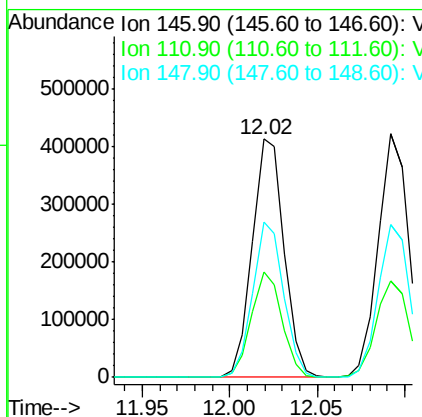
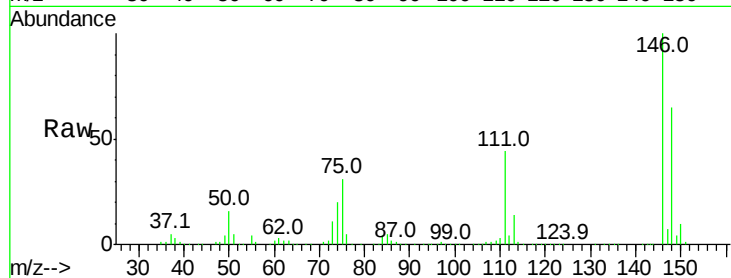




#87
 1,3-Dichlorobenzene
 Concen: 147.657 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

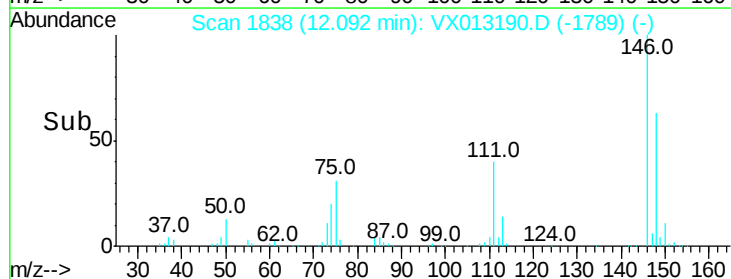
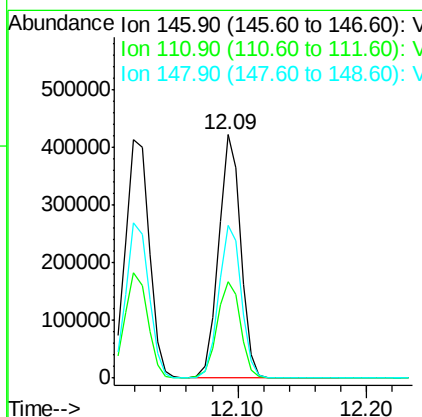
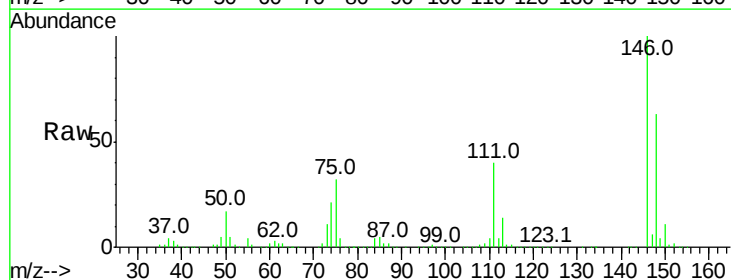
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

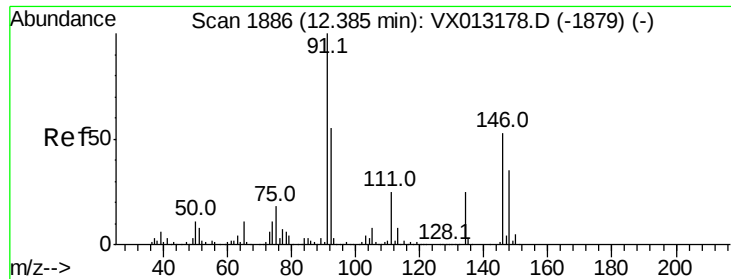
Tgt Ion:146 Resp: 522073
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.8
 148 63.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 142.423 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion:146 Resp: 511317
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 64.4 32.5 97.5

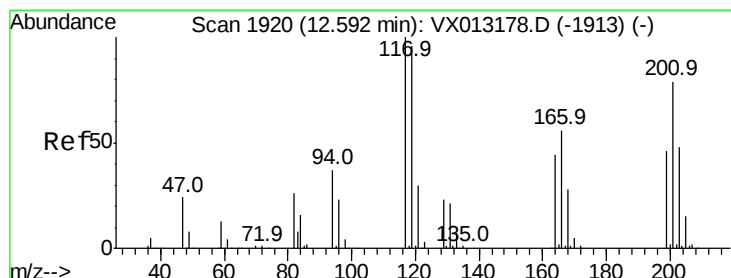
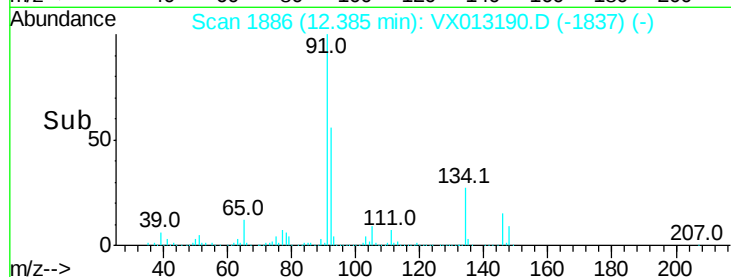
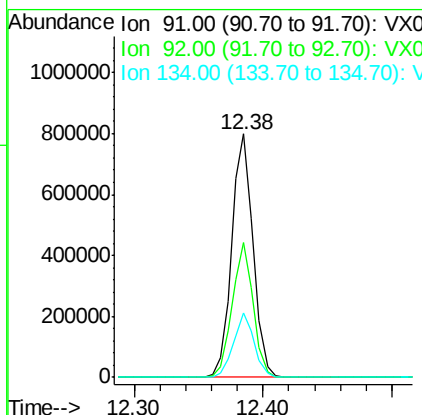
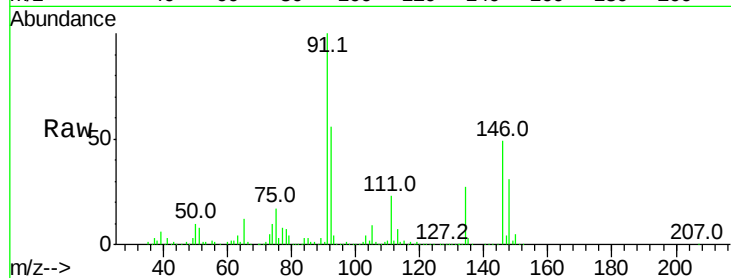




#89
n-Butylbenzene
Concen: 157.514 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

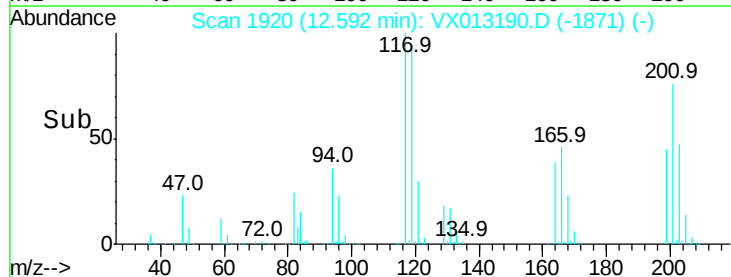
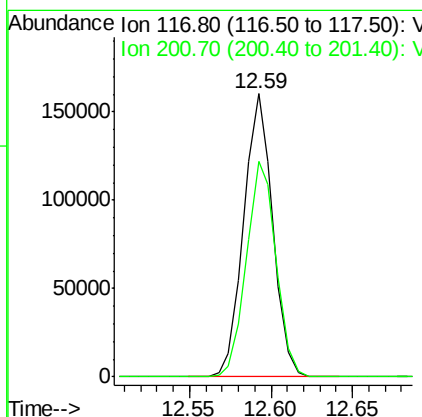
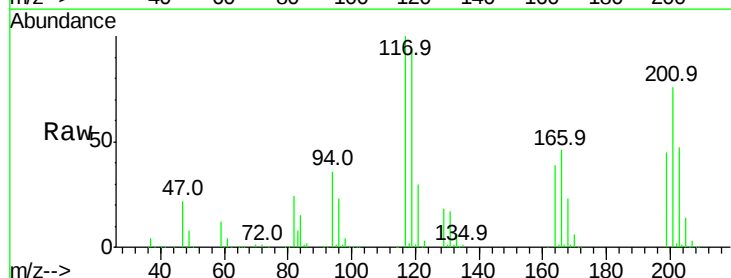
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

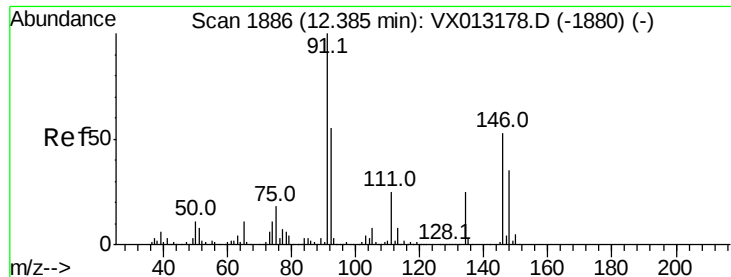
Tgt Ion: 91 Resp: 922324
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 164.479 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion: 117 Resp: 198265
Ion Ratio Lower Upper
117 100
201 77.9 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 144.050 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

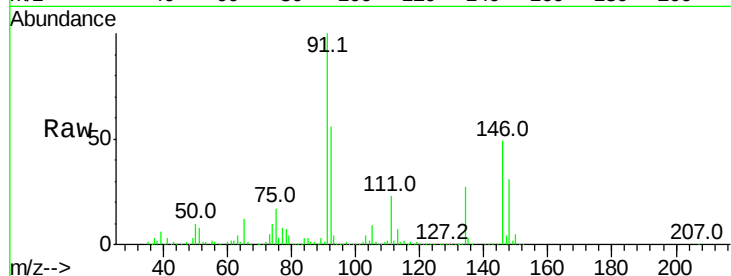
Tgt Ion:146 Resp: 495209

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

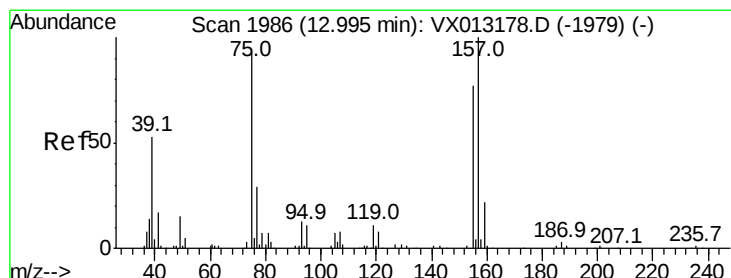
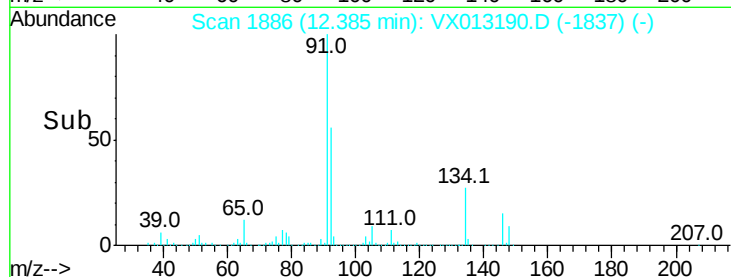
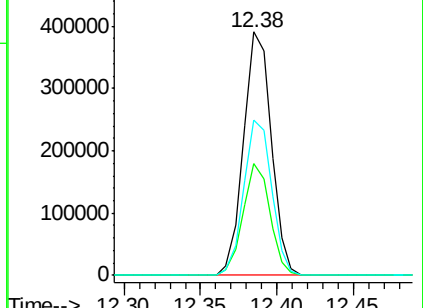
148 64.1 32.4 97.0



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: 154.756 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013190.D

Acq: 23 Oct 2019 15:08

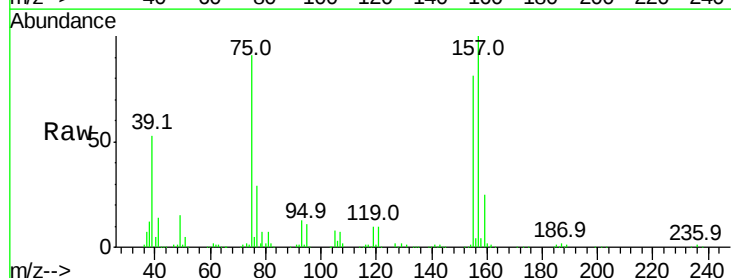
Tgt Ion: 75 Resp: 92751

Ion Ratio Lower Upper

75 100

155 88.2 42.4 127.2

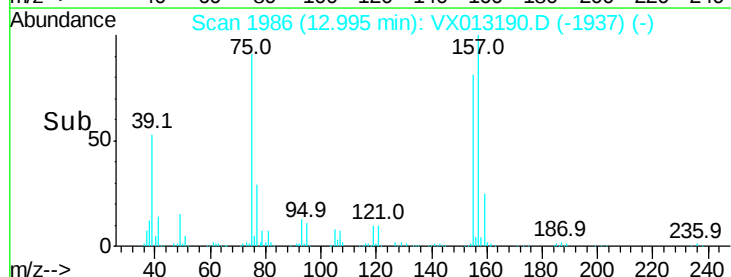
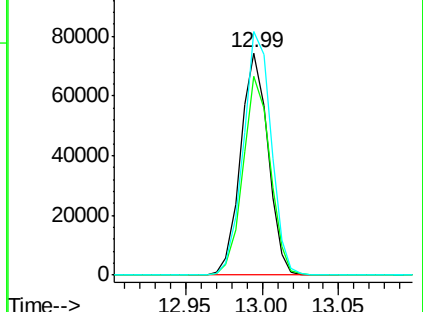
157 111.1 54.4 163.1

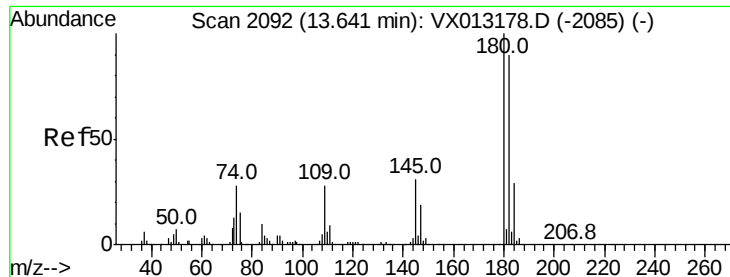


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

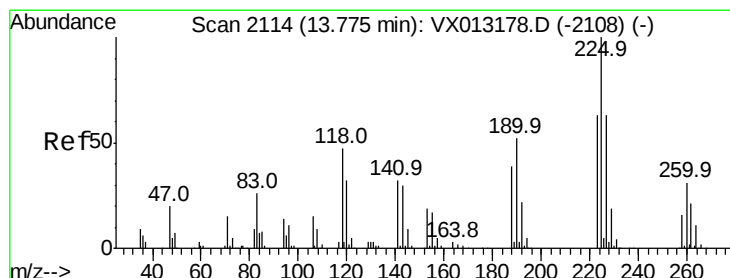
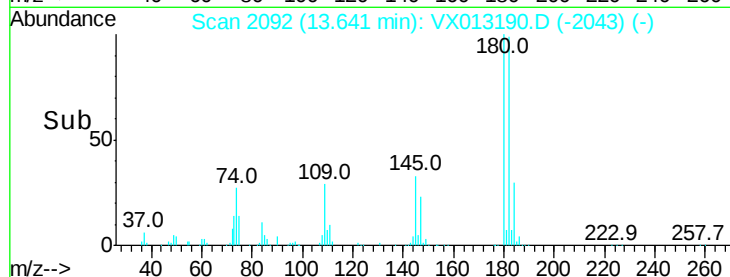
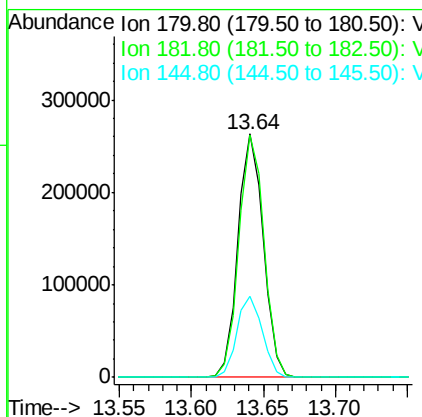
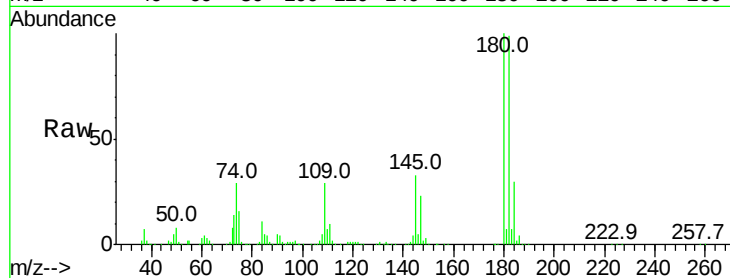




#93
 1,2,4-Trichlorobenzene
 Concen: 147.448 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

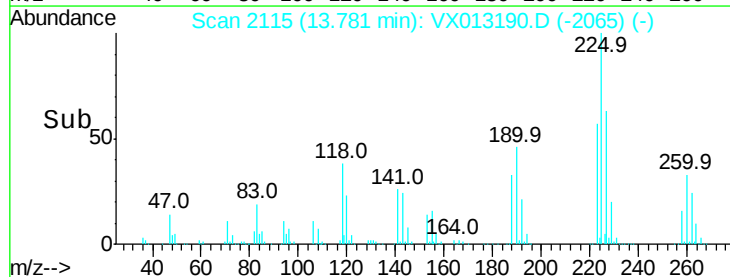
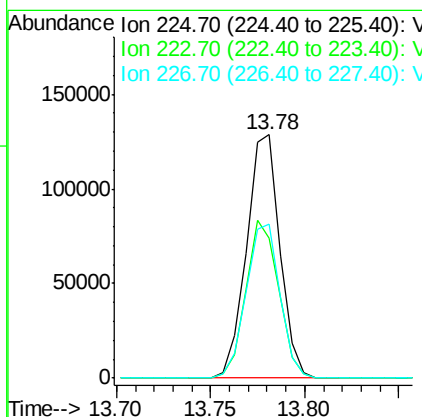
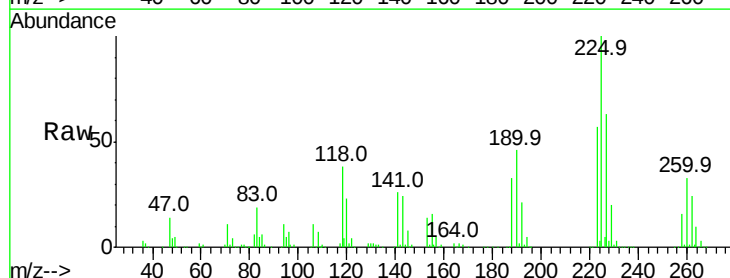
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

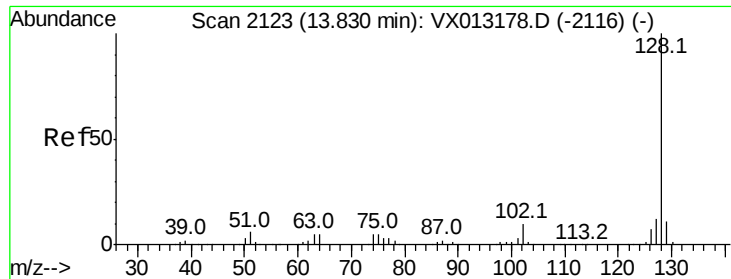
Tgt Ion:180 Resp: 321748
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.3 138.9
 145 33.8 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 142.823 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013190.D
 Acq: 23 Oct 2019 15:08

Tgt Ion:225 Resp: 158016
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.0 96.2
 227 64.3 33.0 98.9

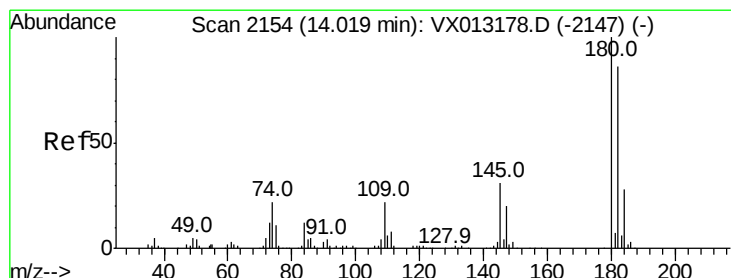
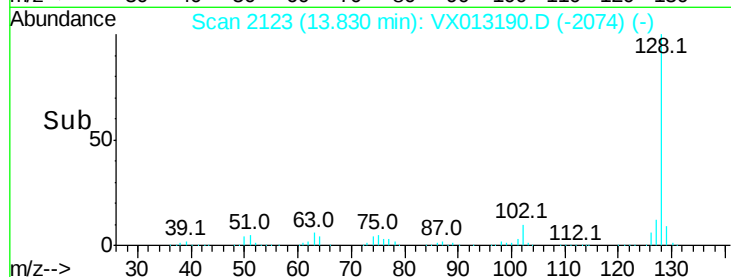
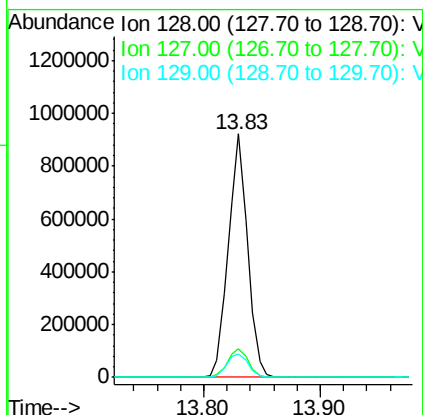
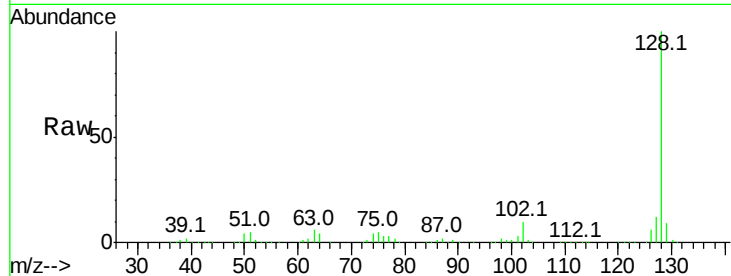




#95
Naphthalene
Concen: 154.936 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1056842
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 149.432 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013190.D
Acq: 23 Oct 2019 15:08

Tgt Ion:180 Resp: 327486
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.4
145 33.5 17.1 51.3

