

Data File : VX013186.D
Acq On : 23 Oct 2019 13:31
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Oct 23 15:36:53 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	90136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	132684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	132363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	10347	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
35) Dibromofluoromethane	5.49	113	7240	4.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.36%	
50) Toluene-d8	8.71	98	27721	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	11.14	95	10605	4.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	9338	5.039	ug/l 98
3) Chloromethane	1.32	50	8199	5.083	ug/l 93
4) Vinyl Chloride	1.40	62	8415	5.045	ug/l 99
5) Bromomethane	1.63	94	5221	5.857	ug/l 89
6) Chloroethane	1.71	64	5137	4.537	ug/l 97
7) Trichlorofluoromethane	1.92	101	13880	5.113	ug/l 95
8) Diethyl Ether	2.18	74	4360	4.680	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7928	4.832	ug/l 97
10) Methyl Iodide	2.50	142	6887	3.487	ug/l 96
11) Tert butyl alcohol	3.04	59	13866	29.171	ug/l 95
12) 1,1-Dichloroethene	2.36	96	7724	4.954	ug/l 97
13) Acrolein	2.28	56	5084	18.623	ug/l 93
14) Allyl chloride	2.72	41	12101	4.970	ug/l 98
15) Acrylonitrile	3.13	53	21162	24.498	ug/l 98
16) Acetone	2.44	43	21347	23.611	ug/l 100
17) Carbon Disulfide	2.56	76	19828	4.753	ug/l 99
18) Methyl Acetate	2.76	43	10122	4.911	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	26892	4.978	ug/l 97
20) Methylene Chloride	2.84	84	9399	4.967	ug/l 92
21) trans-1,2-Dichloroethene	3.15	96	8449	4.932	ug/l 81
22) Diisopropyl ether	3.84	45	23556	4.964	ug/l 92
23) Vinyl Acetate	3.80	43	98889	23.945	ug/l 99
24) 1,1-Dichloroethane	3.69	63	14602	5.022	ug/l 99
25) 2-Butanone	4.66	43	30276	24.552	ug/l 97
26) 2,2-Dichloropropane	4.58	77	13167	5.026	ug/l 97
27) cis-1,2-Dichloroethene	4.58	96	9555	4.989	ug/l 98
28) Bromochloromethane	5.00	49	3681	4.735	ug/l # 99
29) Tetrahydrofuran	5.12	42	18565	25.093	ug/l 100
30) Chloroform	5.20	83	15977	5.085	ug/l 97
31) Cyclohexane	5.58	56	12971	5.143	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	13340	4.732	ug/l 97
36) 1,1-Dichloropropene	5.79	75	11365	4.780	ug/l 99
37) Ethyl Acetate	4.82	43	10346	4.404	ug/l 100
38) Carbon Tetrachloride	5.78	117	11440	4.718	ug/l 97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Oct 23 15:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	13441	4.768	ug/l	98
40) Benzene	6.14	78	32711	4.839	ug/l	98
41) Methacrylonitrile	5.03	41	5680	4.565	ug/l	94
42) 1,2-Dichloroethane	6.18	62	12515	4.927	ug/l	100
43) Isopropyl Acetate	6.43	43	17850	4.763	ug/l	99
44) Trichloroethene	7.21	130	9203	4.805	ug/l	100
45) 1,2-Dichloropropane	7.51	63	7918	4.719	ug/l	89
46) Dibromomethane	7.65	93	5694	4.808	ug/l	100
47) Bromodichloromethane	7.89	83	10910	4.675	ug/l	95
48) Methyl methacrylate	7.76	41	8954	4.927	ug/l	95
49) 1,4-Dioxane	7.73	88	4952	100.037	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	55768	24.281	ug/l	100
52) Toluene	8.78	92	21371	4.899	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	10388	4.157	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	12161	4.412	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	8932	5.064	ug/l	94
56) Ethyl methacrylate	9.17	69	12015	4.451	ug/l	96
57) 1,3-Dichloropropane	9.37	76	14083	4.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	24862	23.466	ug/l	97
59) 2-Hexanone	9.49	43	42726	23.716	ug/l	99
60) Dibromochloromethane	9.58	129	8157	4.506	ug/l	93
61) 1,2-Dibromoethane	9.67	107	9032	4.791	ug/l	97
64) Tetrachloroethene	9.33	164	9094	5.059	ug/l	92
65) Chlorobenzene	10.14	112	23148	5.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	7994	4.720	ug/l	97
67) Ethyl Benzene	10.25	91	39988	4.838	ug/l	96
68) m/p-Xylenes	10.35	106	29940	9.583	ug/l	99
69) o-Xylene	10.70	106	14774	4.854	ug/l	99
70) Styrene	10.71	104	23928	4.672	ug/l	99
71) Bromoform	10.85	173	5076	4.149	ug/l #	100
73) Isopropylbenzene	11.01	105	40296	5.086	ug/l	97
74) N-amyl acetate	10.89	43	13820	4.669	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	12214	4.978	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	14094	6.885	ug/l	82
77) Bromobenzene	11.25	156	9769	5.212	ug/l	97
78) n-propylbenzene	11.35	91	41859	4.931	ug/l	98
79) 2-Chlorotoluene	11.42	91	27196	4.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	31860	4.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	3279	4.096	ug/l	90
82) 4-Chlorotoluene	11.51	91	30285	4.864	ug/l	99
83) tert-Butylbenzene	11.76	119	32640	5.041	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	31750	4.673	ug/l	98
85) sec-Butylbenzene	11.94	105	35577	4.775	ug/l	96
86) p-Isopropyltoluene	12.06	119	33457	4.777	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	17120	4.896	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	16984	4.784	ug/l	95
89) n-Butylbenzene	12.39	91	26147	4.515	ug/l	98
90) Hexachloroethane	12.59	117	5036	4.225	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	16172	4.757	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3067	5.175	ug/l	90

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

Data File : VX013186.D
Acq On : 23 Oct 2019 13:31
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 23 15:36:53 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)
93) 1,2,4-Trichlorobenzene	13.64	180	9597	4.447	ug/l	96
94) Hexachlorobutadiene	13.78	225	5166	4.722	ug/l	95
95) Naphthalene	13.83	128	31788	4.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	9765	4.506	ug/l	95

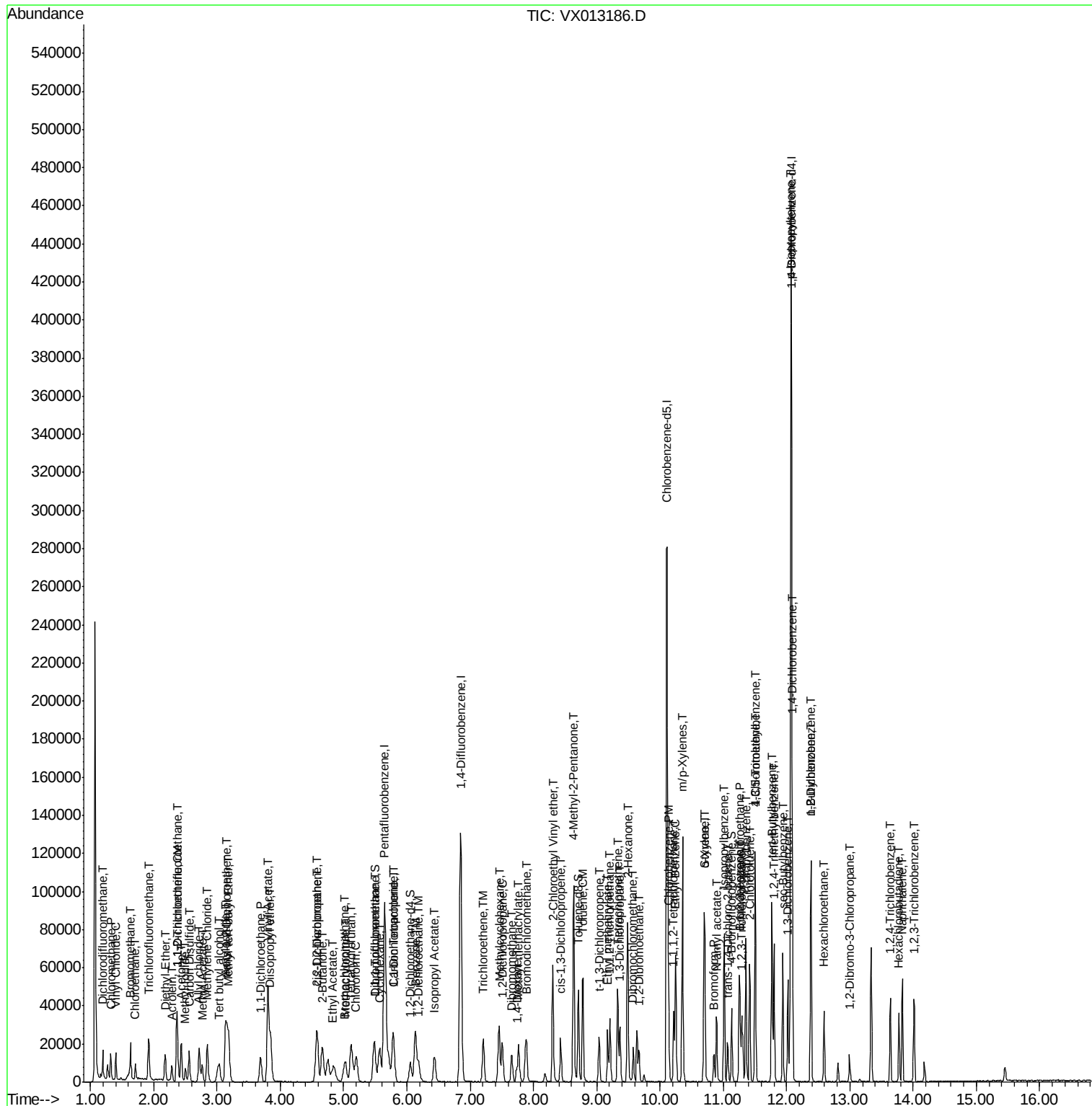
(#) = qualifier out of range (m) = manual integration (+) = signals summed

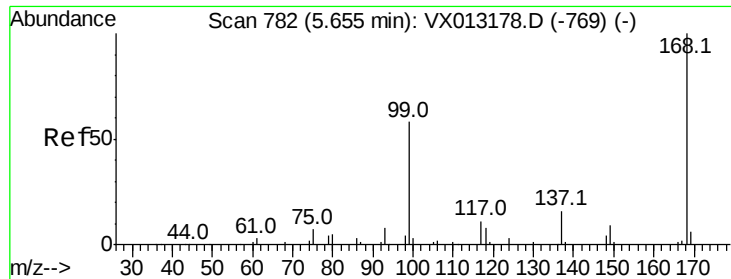
Data File : VX013186.D

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Acq On       : 23 Oct 2019   13:31
Operator     : JC/SP
Sample       : VSTDIC005
Misc         : 5.0mL/MSV0A_X/WATER
ALS Vial     : 5      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 23 15:36:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

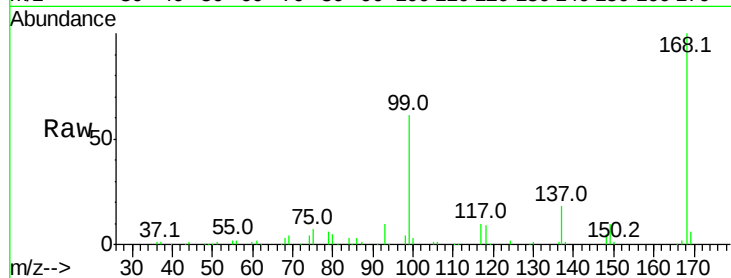
VSTDIC005

Tgt Ion:168 Resp: 90136

Ion Ratio Lower Upper

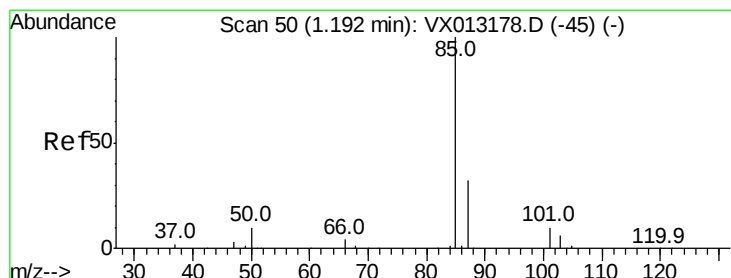
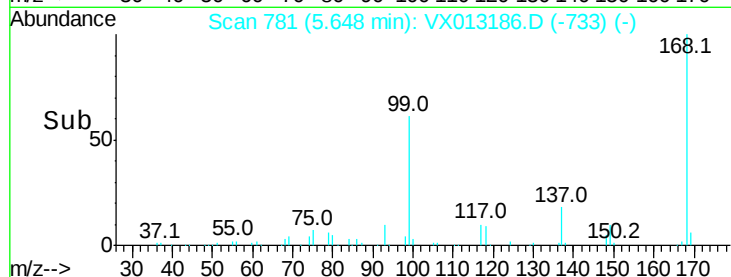
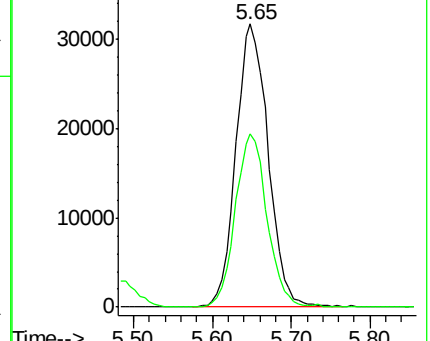
168 100

99 61.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.039 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013186.D

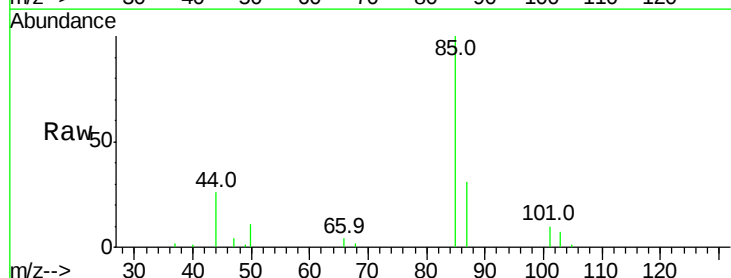
Acq: 23 Oct 2019 13:31

Tgt Ion: 85 Resp: 9338

Ion Ratio Lower Upper

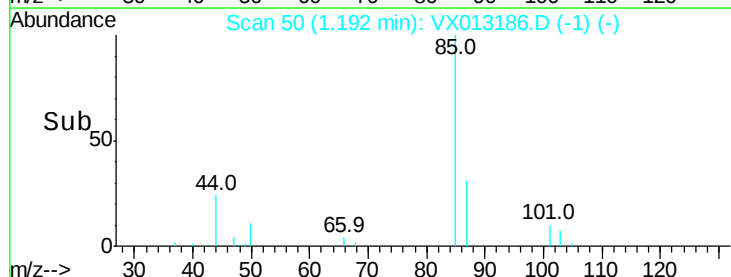
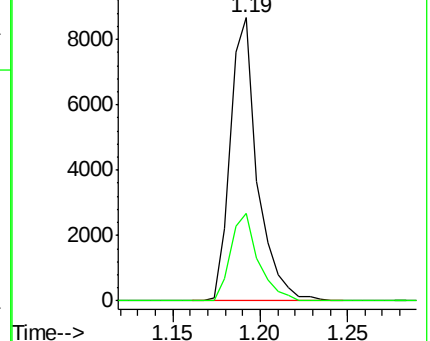
85 100

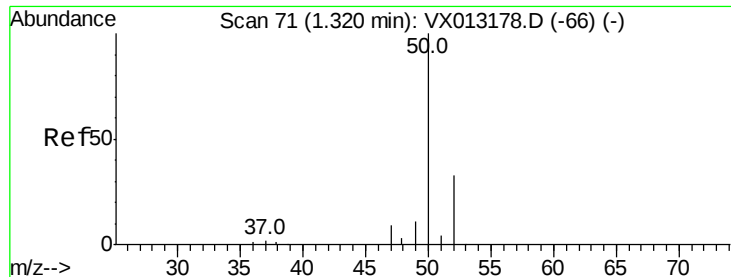
87 31.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.083 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

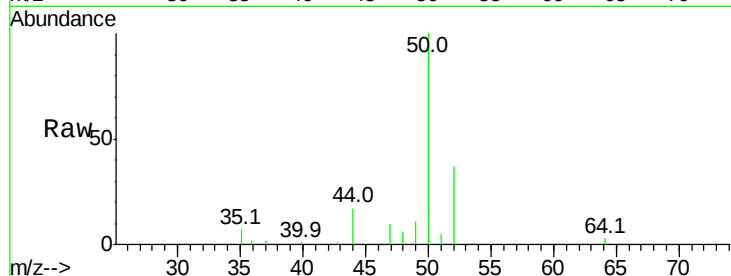
VSTDIC005

Tgt Ion: 50 Resp: 8199

Ion Ratio Lower Upper

50 100

52 37.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

8000

6000

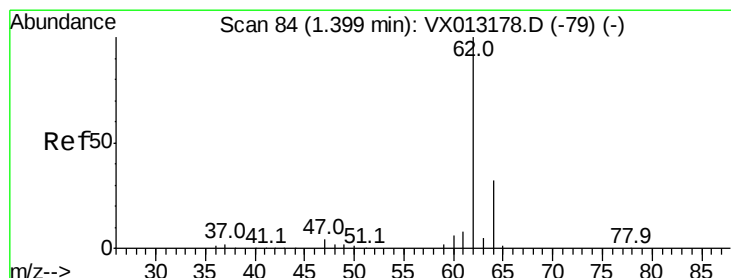
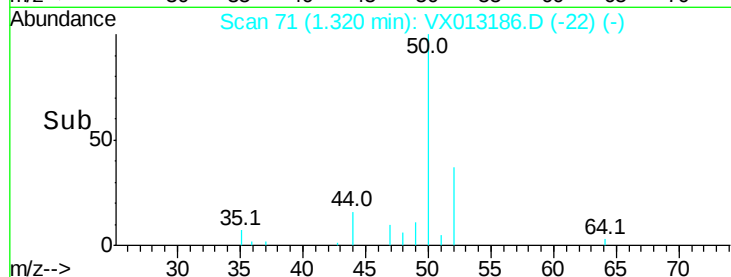
4000

2000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 5.045 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013186.D

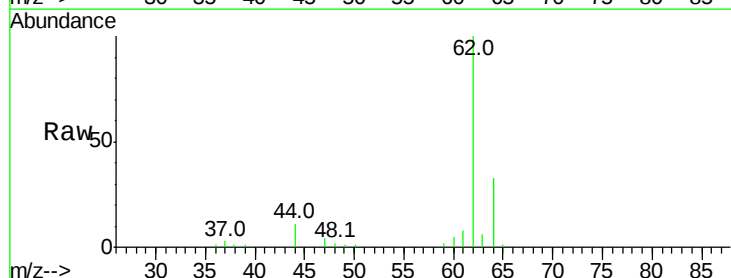
Acq: 23 Oct 2019 13:31

Tgt Ion: 62 Resp: 8415

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

1.40

10000

8000

6000

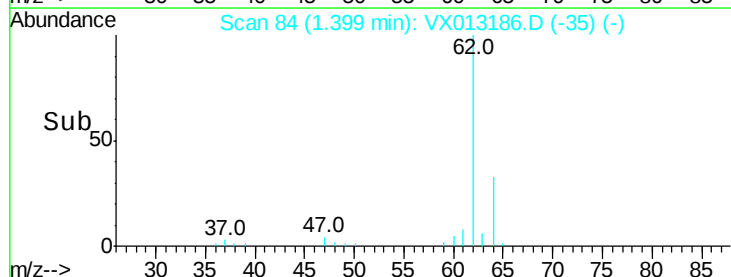
4000

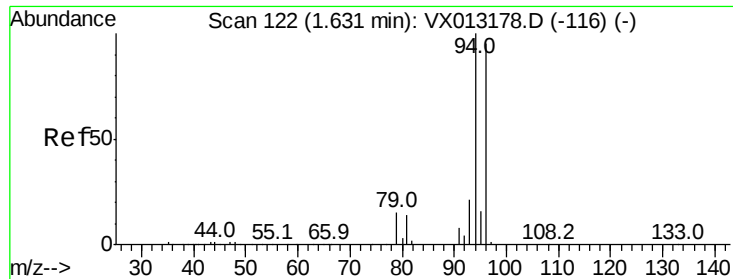
2000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 5.857 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

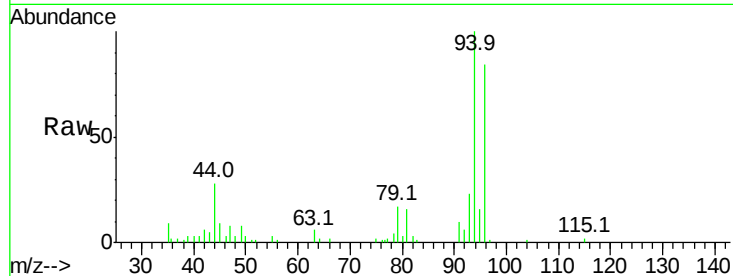
VSTDIC005

Tgt Ion: 94 Resp: 5221

Ion Ratio Lower Upper

94 100

96 84.2 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

6000

5000

4000

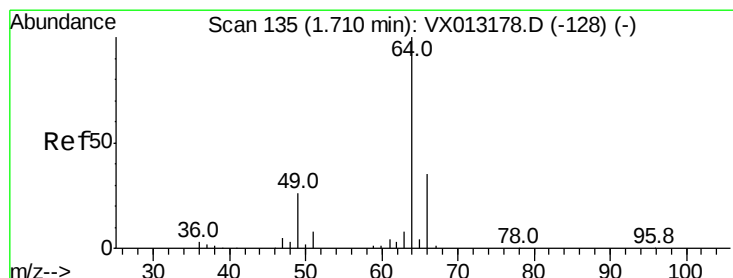
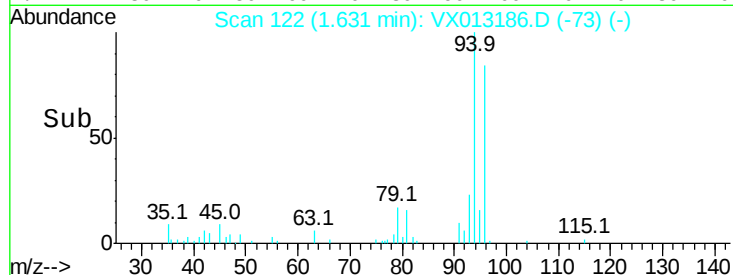
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 4.537 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013186.D

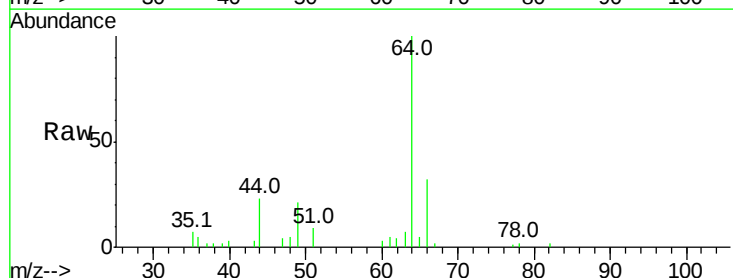
Acq: 23 Oct 2019 13:31

Tgt Ion: 64 Resp: 5137

Ion Ratio Lower Upper

64 100

66 32.9 27.8 41.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

4000

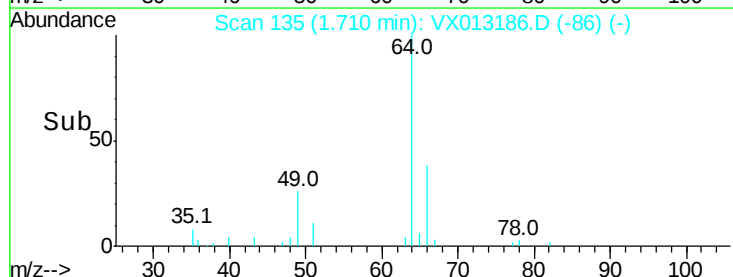
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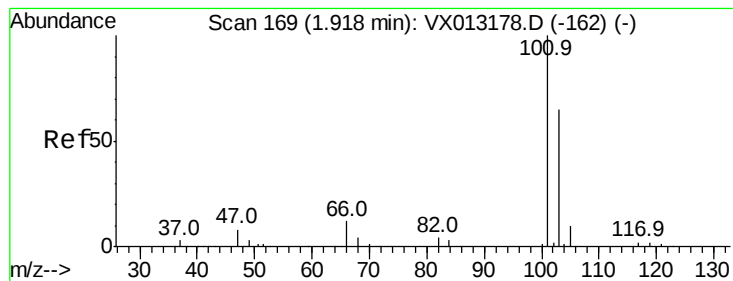
2000

1000

0

Time-->





#7

Trichlorofluoromethane

Concen: 5.113 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

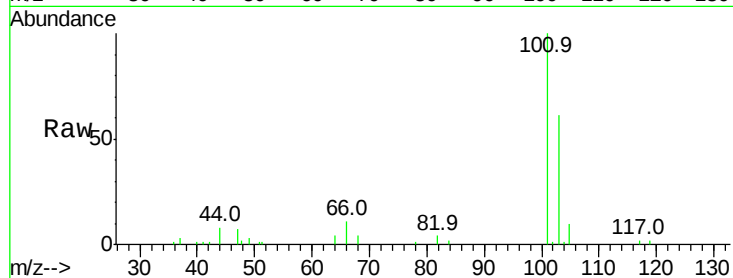
VSTDIC005

Tgt Ion:101 Resp: 13880

Ion Ratio Lower Upper

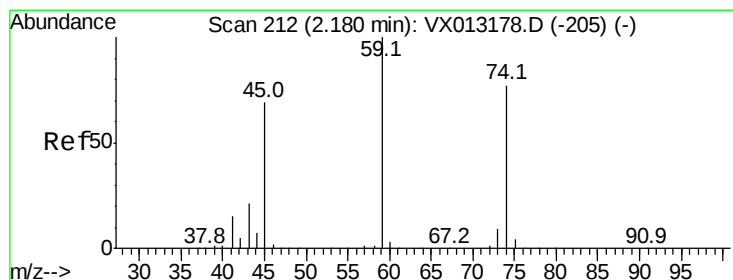
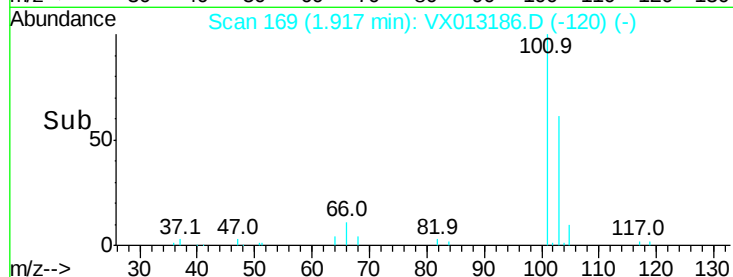
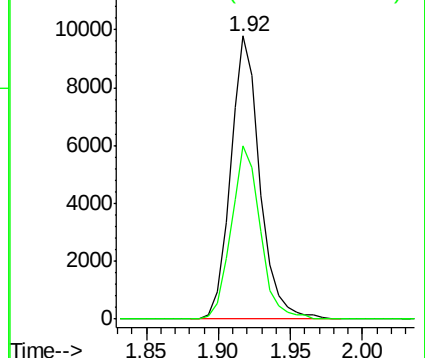
101 100

103 61.1 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: 4.680 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX013186.D

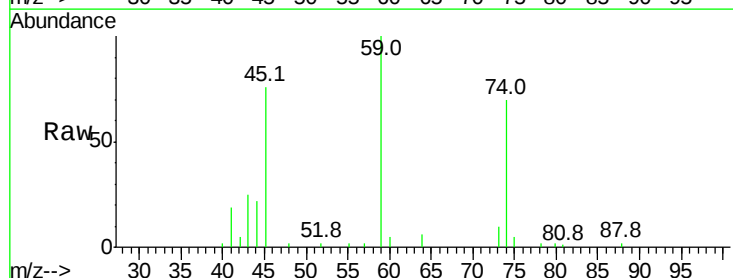
Acq: 23 Oct 2019 13:31

Tgt Ion: 74 Resp: 4360

Ion Ratio Lower Upper

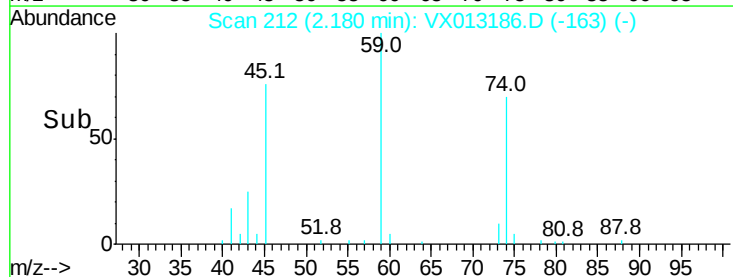
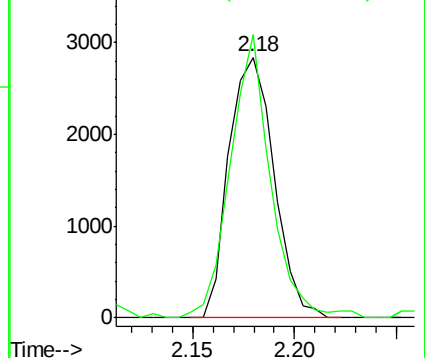
74 100

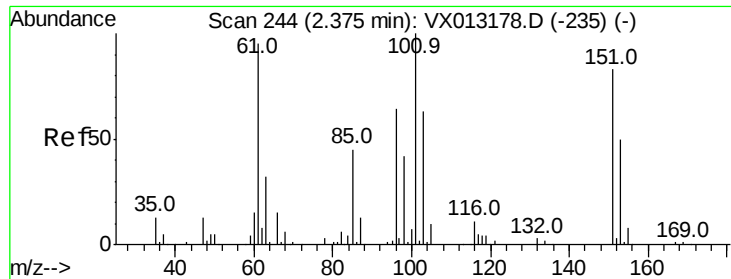
45 96.8 44.1 132.4



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: 4.832 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

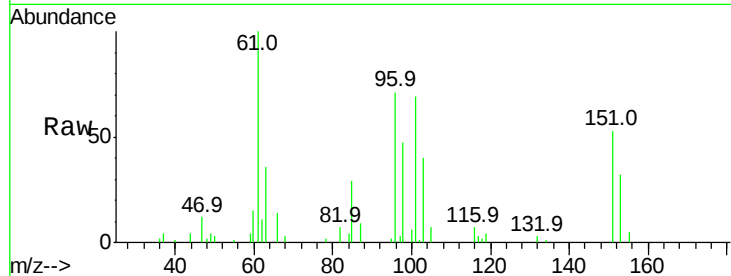
Tgt Ion:101 Resp: 7928

Ion Ratio Lower Upper

101 100

85 47.3 35.0 52.4

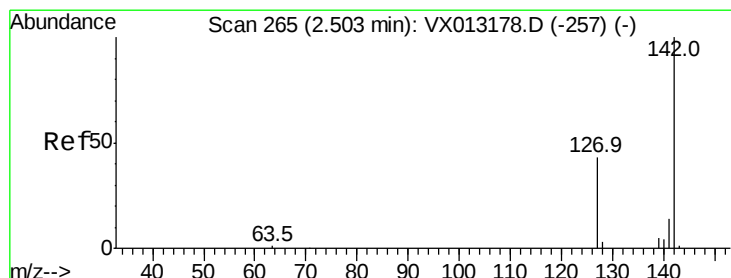
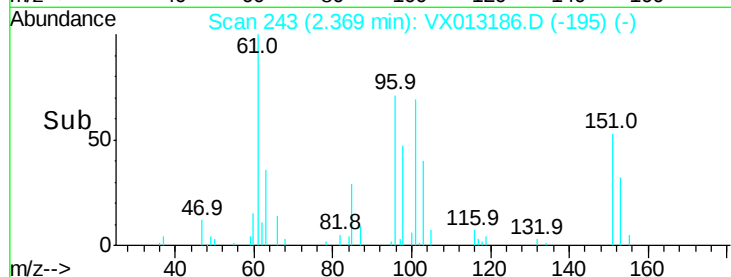
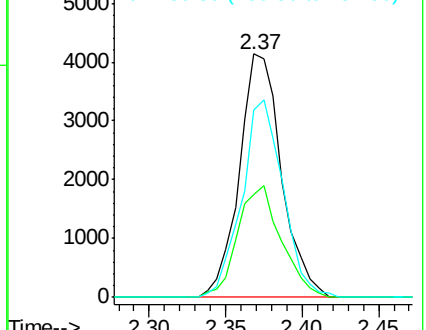
151 79.4 62.5 93.7



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: 3.487 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

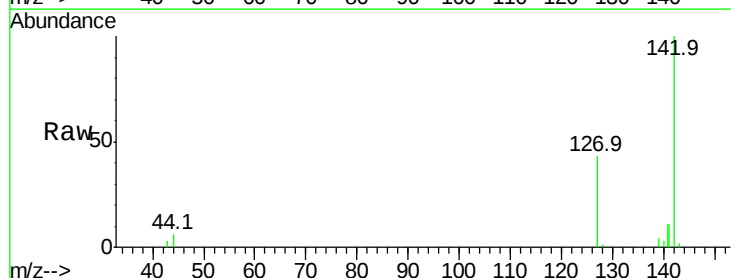
Tgt Ion:142 Resp: 6887

Ion Ratio Lower Upper

142 100

127 42.9 36.2 54.4

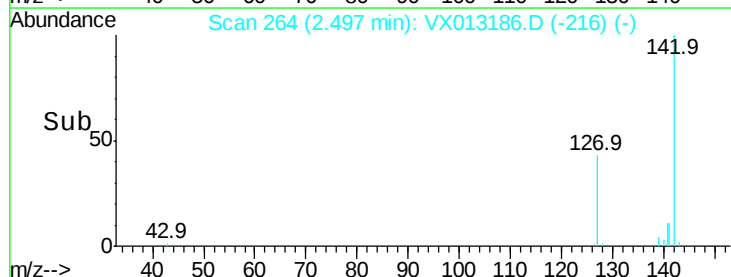
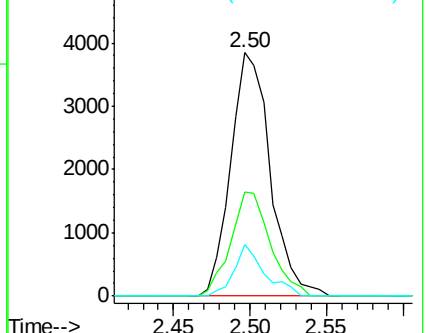
141 16.3 11.8 17.6

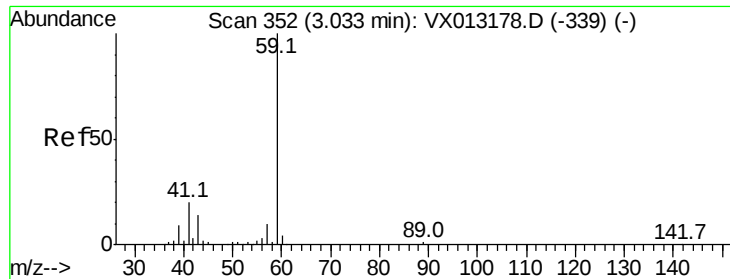


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

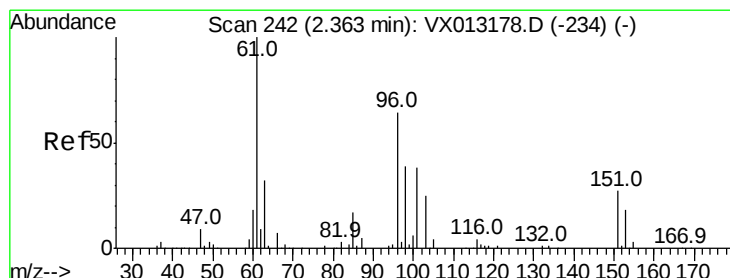
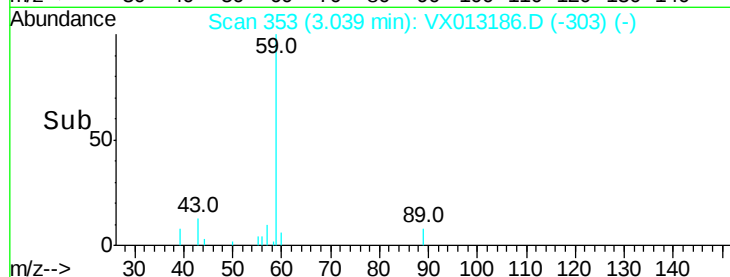
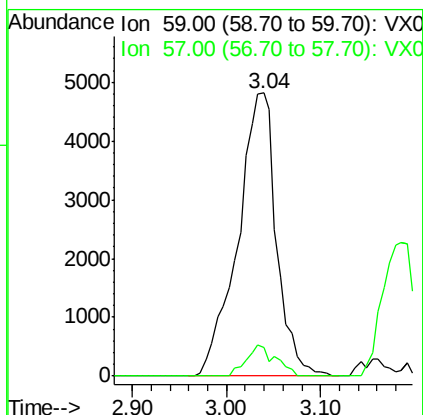
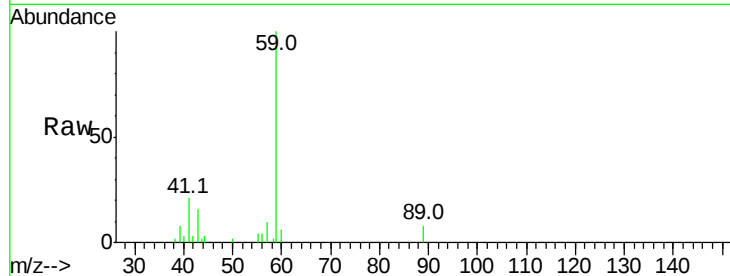




#11
Tert butyl alcohol
Concen: 29.171 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

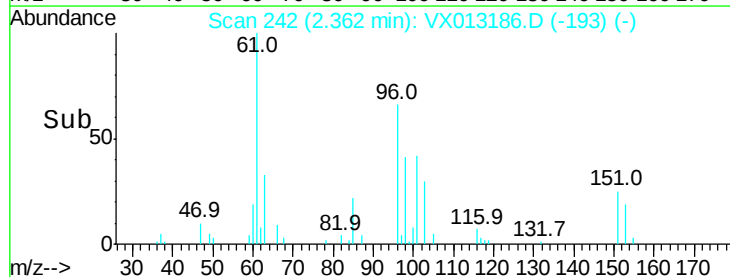
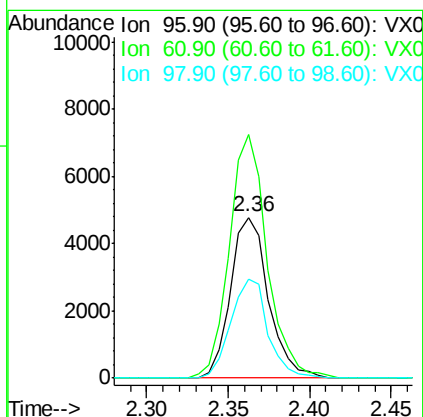
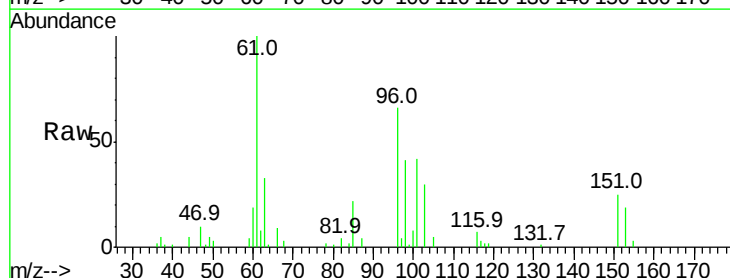
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

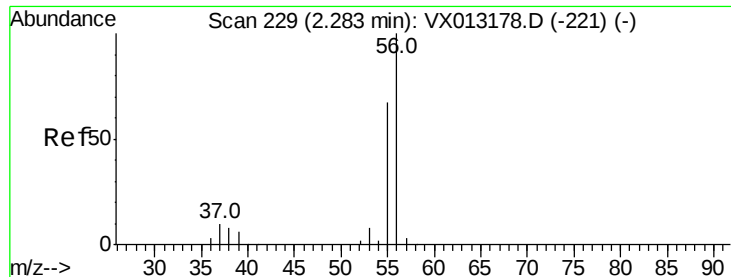
Tgt Ion: 59 Resp: 13866
Ion Ratio Lower Upper
59 100
57 8.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 4.954 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 96 Resp: 7724
Ion Ratio Lower Upper
96 100
61 151.8 125.4 188.2
98 61.7 49.0 73.6





#13

Acrolein

Concen: 18.623 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

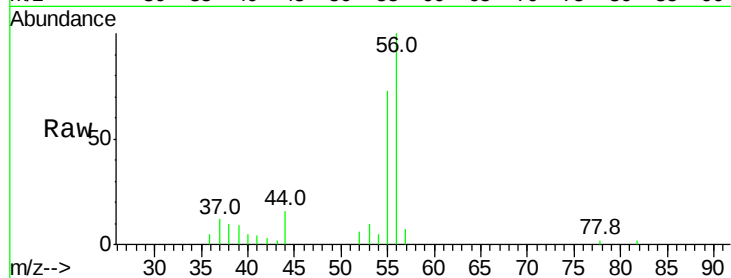
VSTDIC005

Tgt Ion: 56 Resp: 5084

Ion Ratio Lower Upper

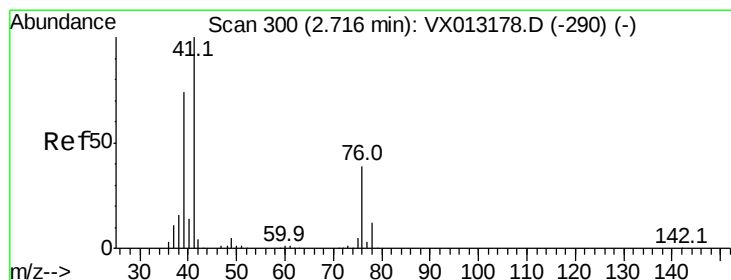
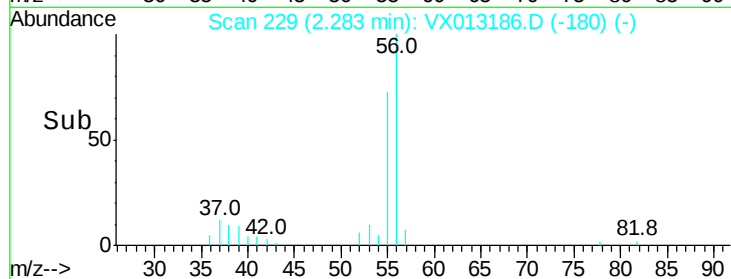
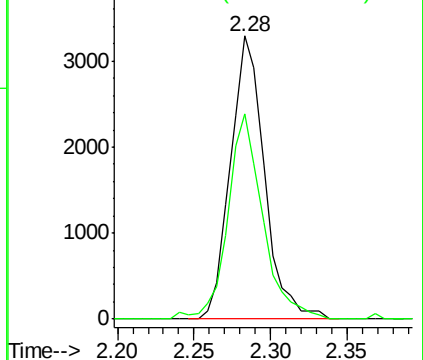
56 100

55 74.6 55.0 82.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.970 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

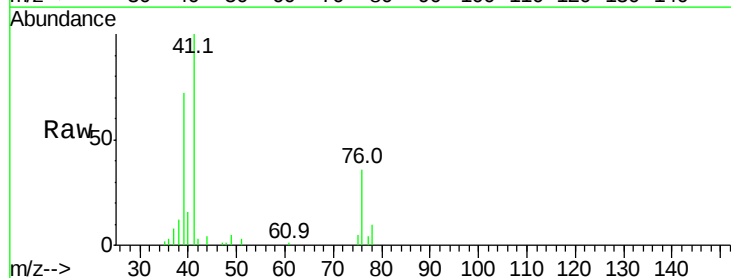
Tgt Ion: 41 Resp: 12101

Ion Ratio Lower Upper

41 100

39 68.8 54.2 81.4

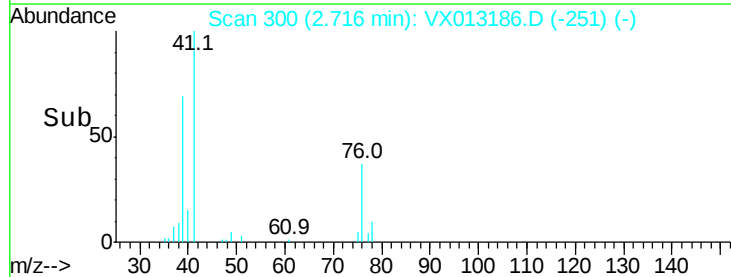
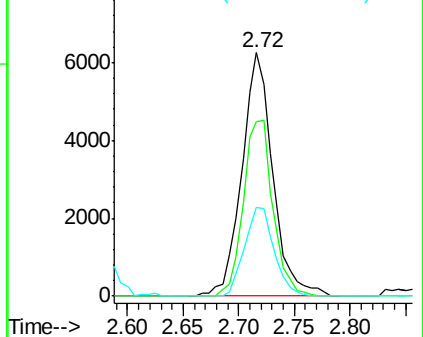
76 34.7 29.1 43.7

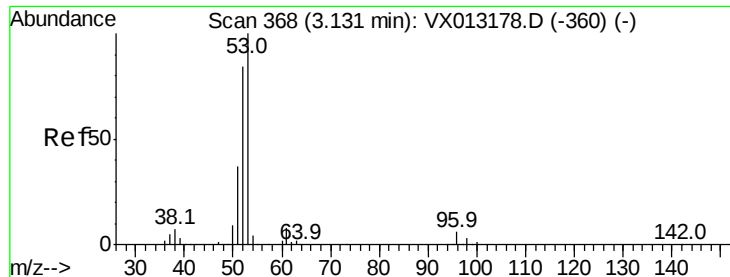


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 24.498 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

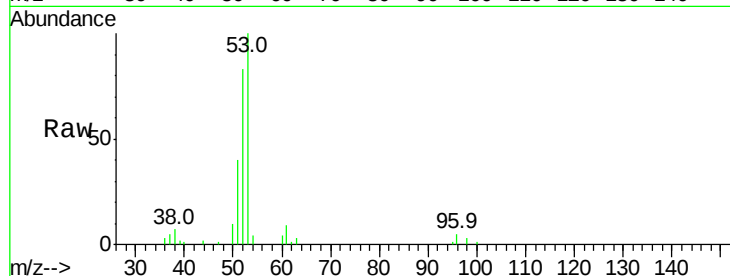
Tgt Ion: 53 Resp: 21162

Ion Ratio Lower Upper

53 100

52 81.2 66.9 100.3

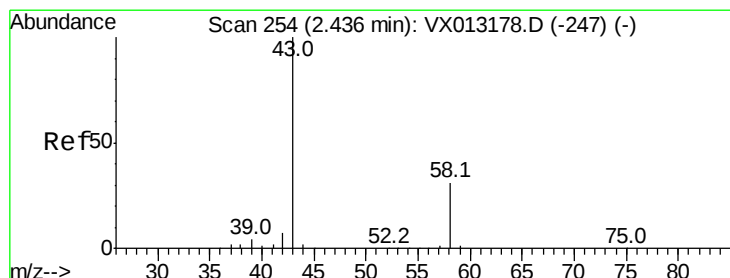
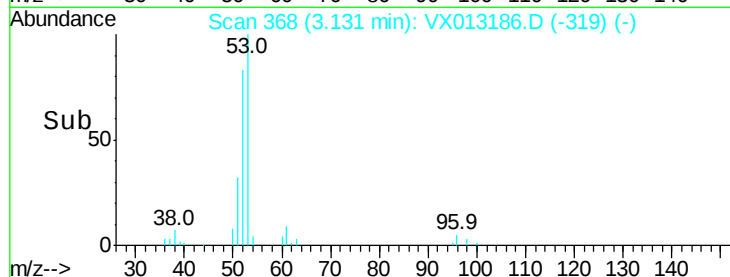
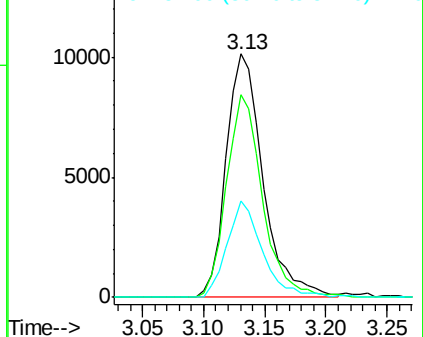
51 37.9 29.9 44.9



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: 23.611 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013186.D

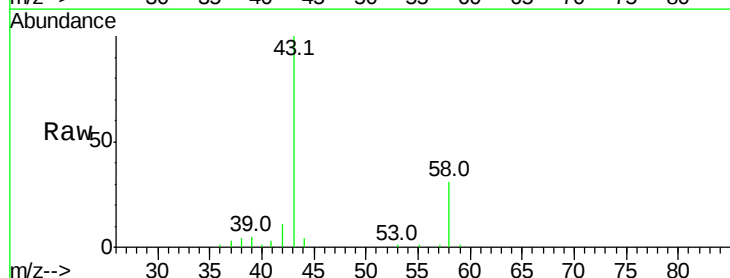
Acq: 23 Oct 2019 13:31

Tgt Ion: 43 Resp: 21347

Ion Ratio Lower Upper

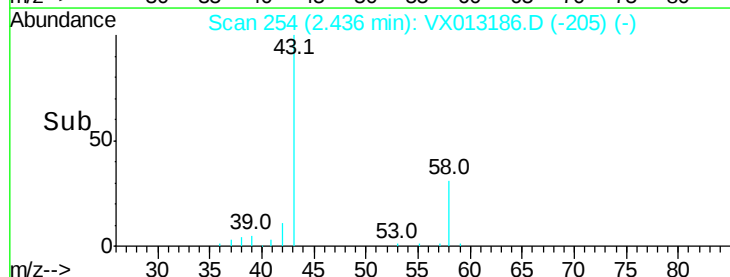
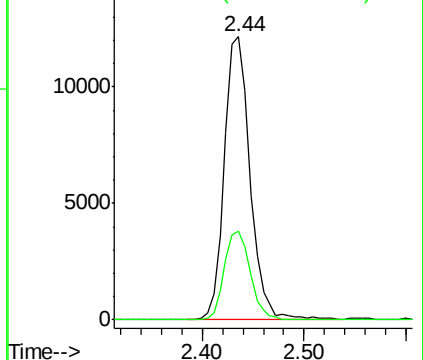
43 100

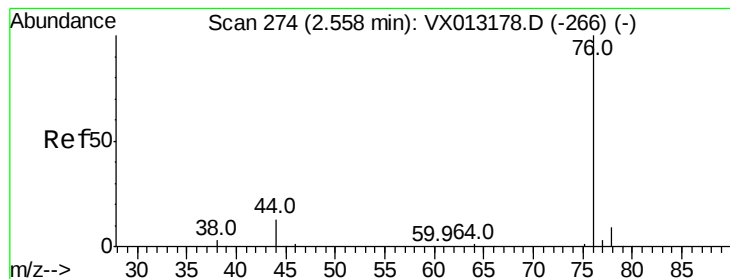
58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.753 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

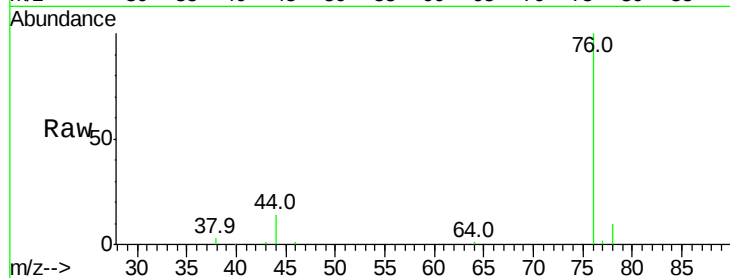
VSTDIC005

Tgt Ion: 76 Resp: 19828

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

15000

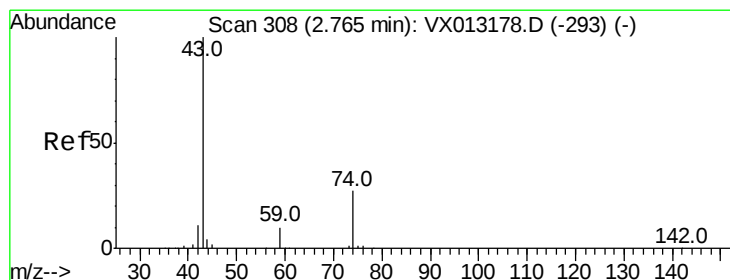
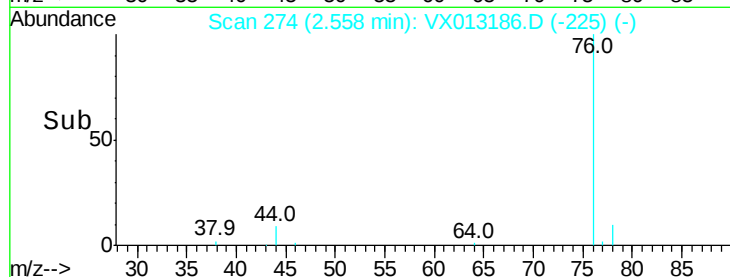
10000

5000

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 4.911 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013186.D

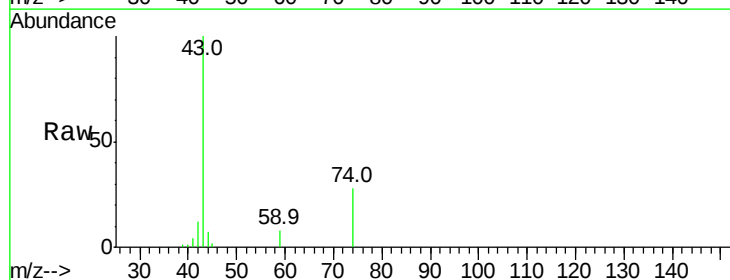
Acq: 23 Oct 2019 13:31

Tgt Ion: 43 Resp: 10122

Ion Ratio Lower Upper

43 100

74 26.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

6000

5000

4000

3000

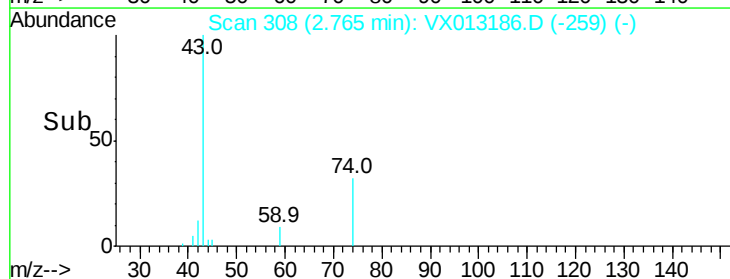
2000

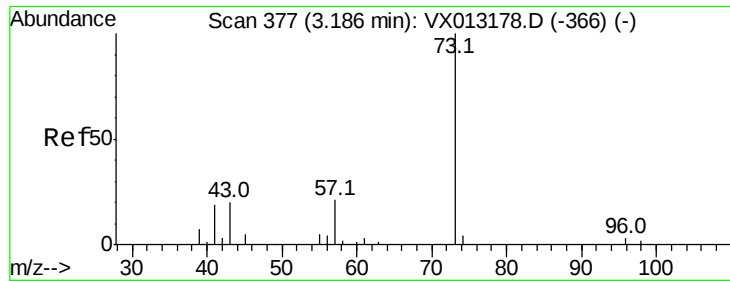
1000

0

Time-->

2.70 2.75 2.80 2.85

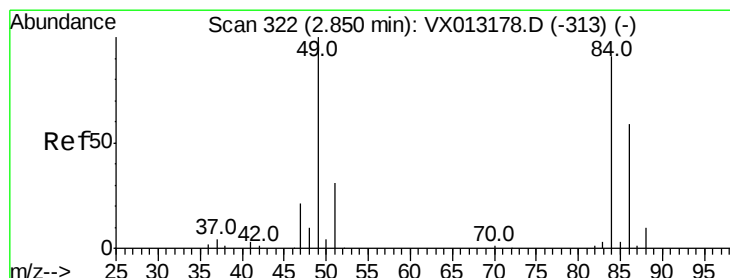
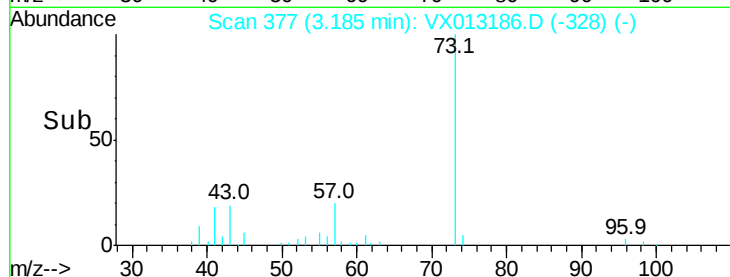
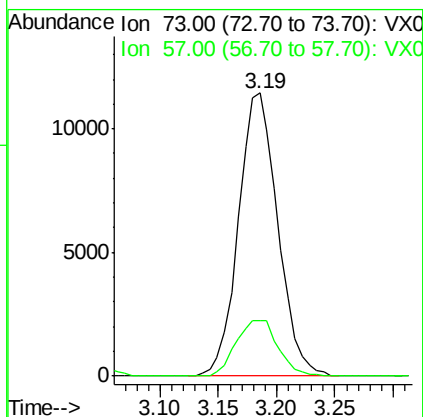
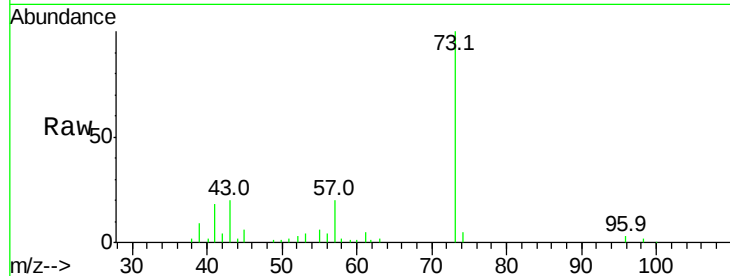




#19
Methyl tert-butyl Ether
Concen: 4.978 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

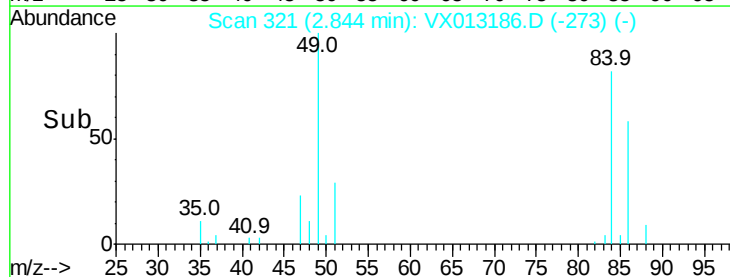
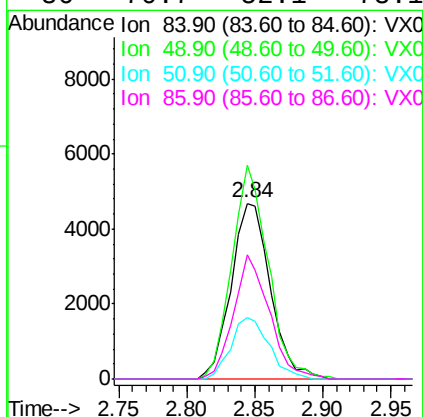
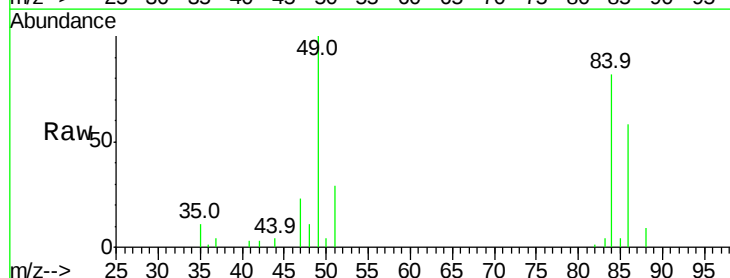
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

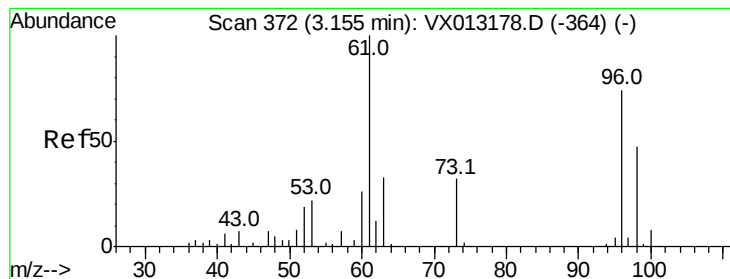
Tgt Ion: 73 Resp: 26892
Ion Ratio Lower Upper
73 100
57 19.8 17.1 25.7



#20
Methylene Chloride
Concen: 4.967 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 84 Resp: 9399
Ion Ratio Lower Upper
84 100
49 121.6 87.8 131.6
51 34.8 27.0 40.6
86 70.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 4.932 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

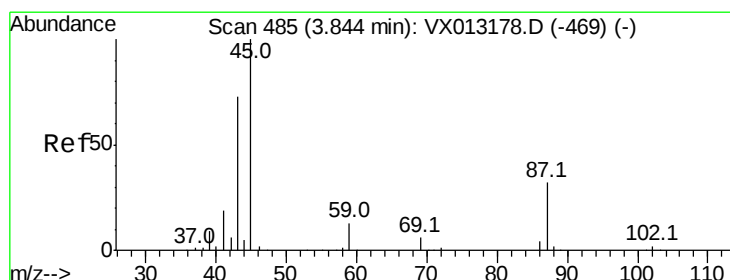
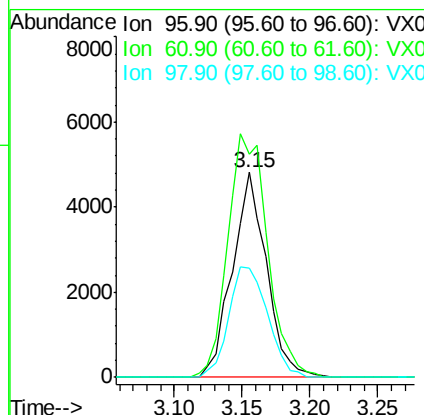
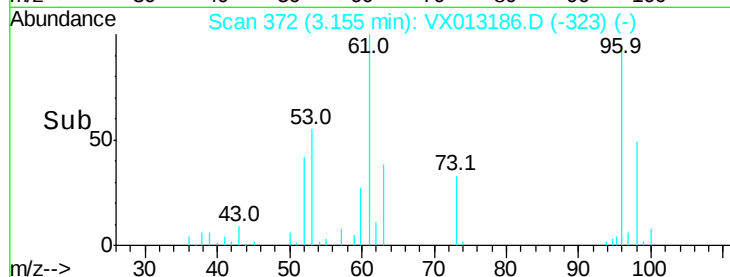
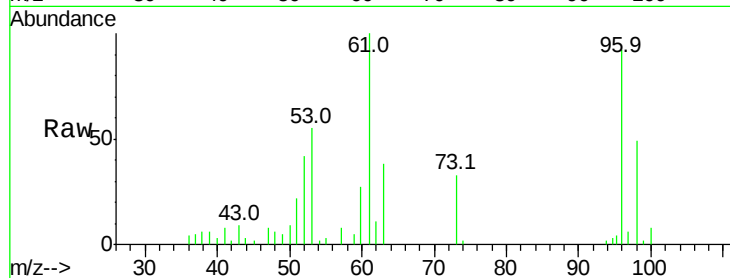
Tgt Ion: 96 Resp: 8449

Ion Ratio Lower Upper

96 100

61 109.1 108.1 162.1

98 53.6 51.1 76.7



#22

Diisopropyl ether

Concen: 4.964 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Tgt Ion: 45 Resp: 23556

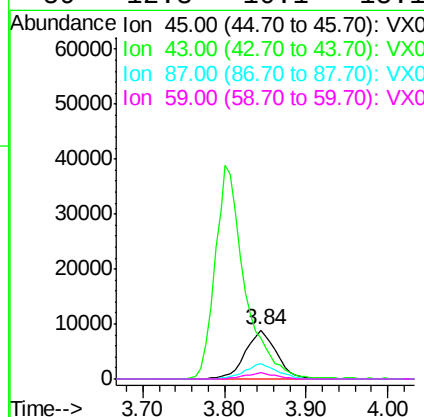
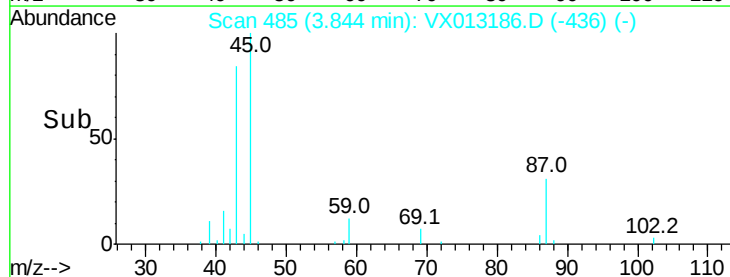
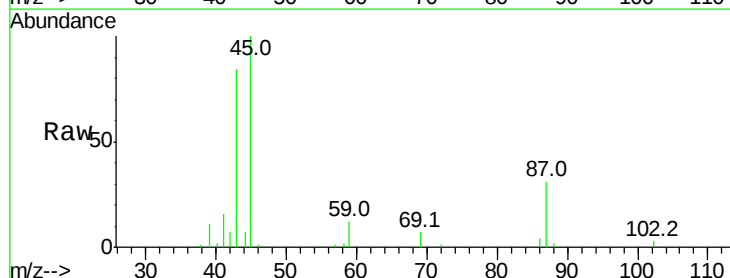
Ion Ratio Lower Upper

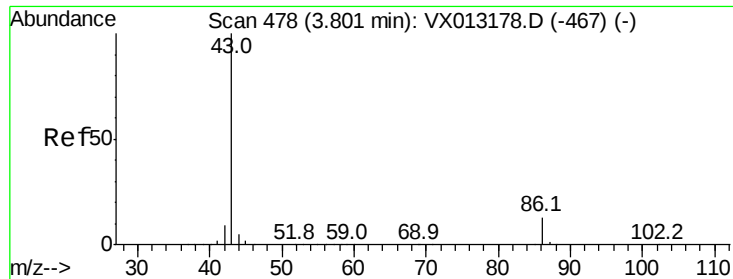
45 100

43 82.3 58.1 87.1

87 31.4 25.9 38.9

59 12.3 10.1 15.1





#23

Vinyl Acetate

Concen: 23.945 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

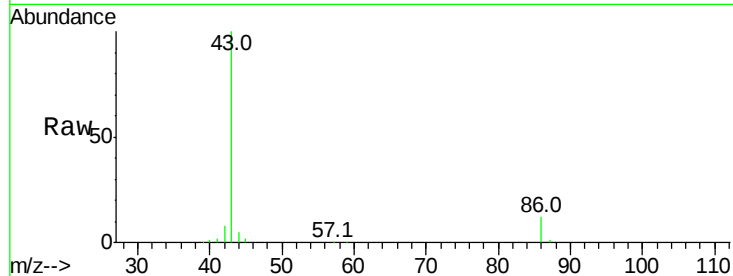
VSTDIC005

Tgt Ion: 43 Resp: 98889

Ion Ratio Lower Upper

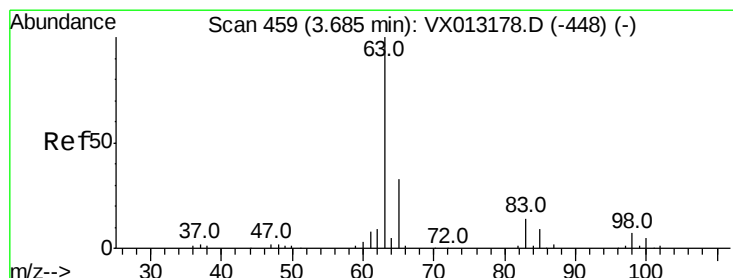
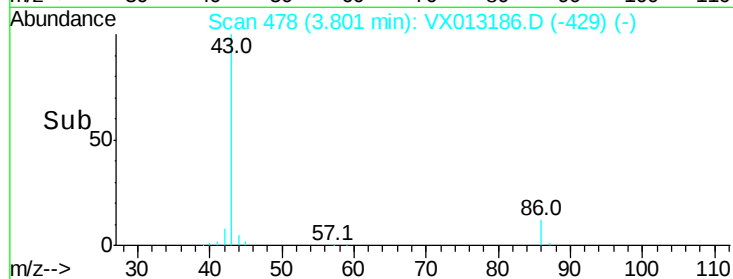
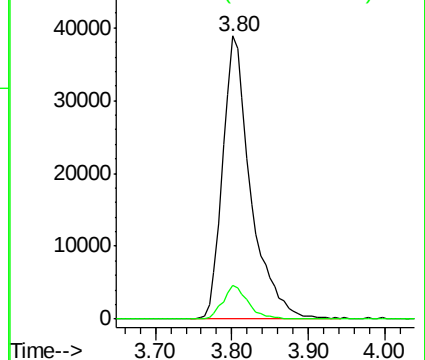
43 100

86 12.0 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: 5.022 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

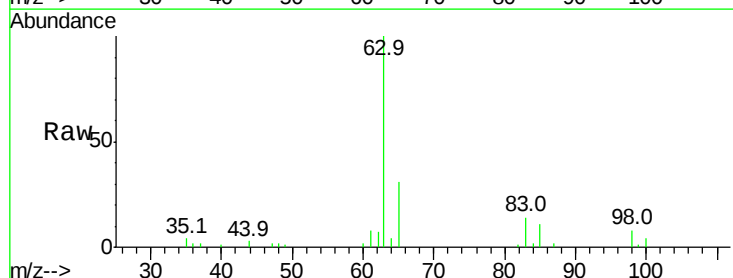
Tgt Ion: 63 Resp: 14602

Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

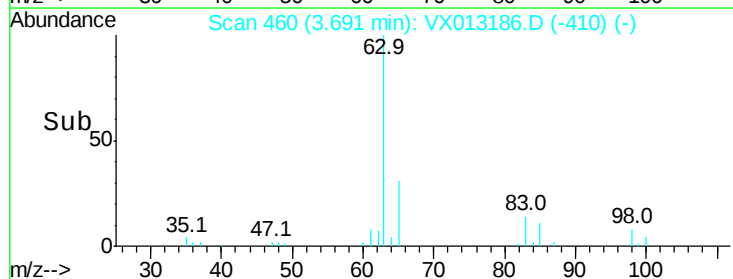
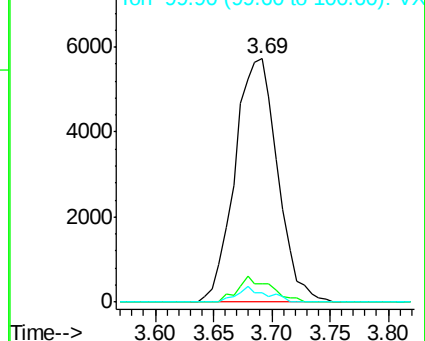
100 4.0 2.5 7.4

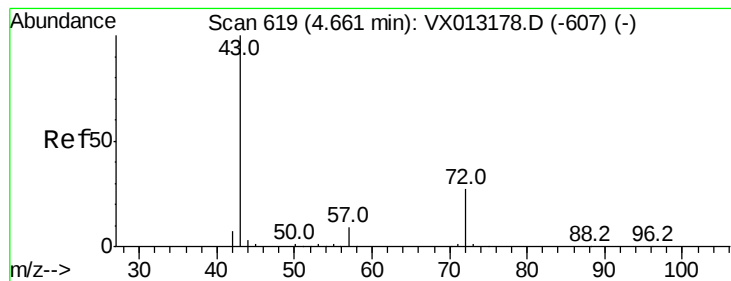


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.552 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

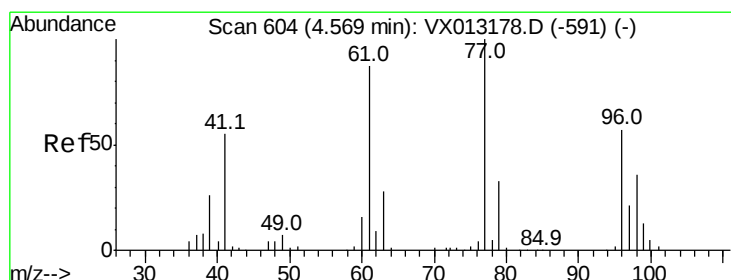
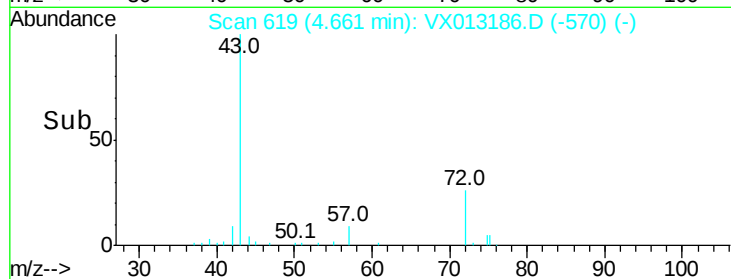
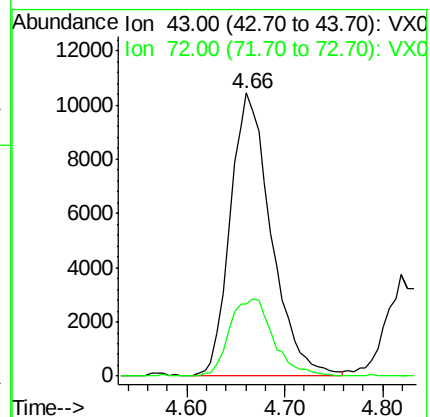
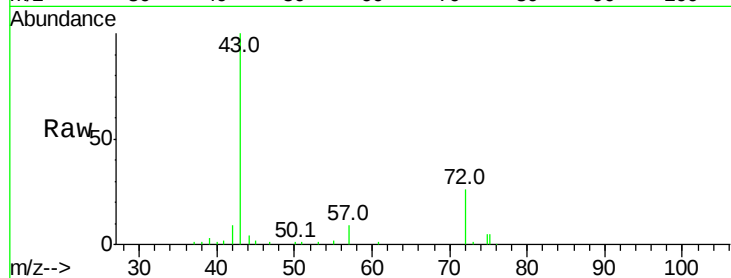
VSTDIC005

Tgt Ion: 43 Resp: 30276

Ion Ratio Lower Upper

43 100

72 25.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 5.026 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013186.D

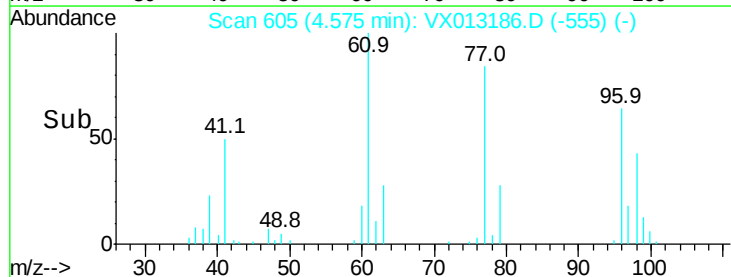
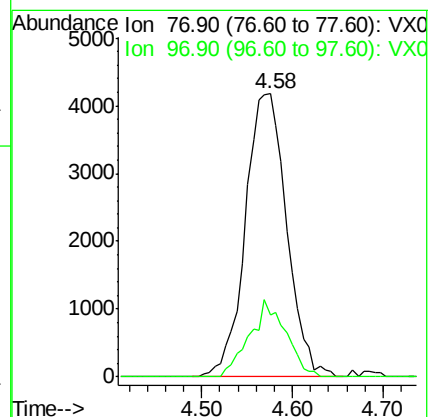
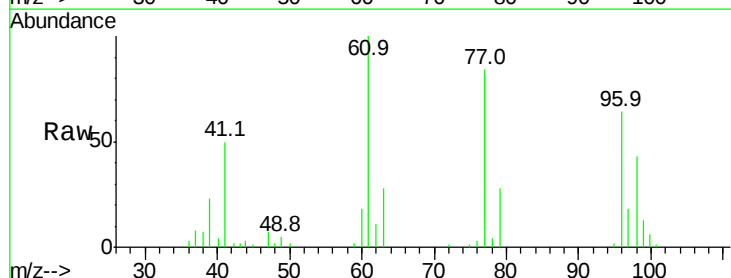
Acq: 23 Oct 2019 13:31

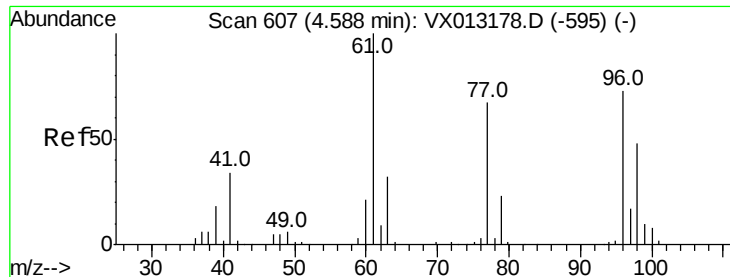
Tgt Ion: 77 Resp: 13167

Ion Ratio Lower Upper

77 100

97 23.8 11.1 33.3



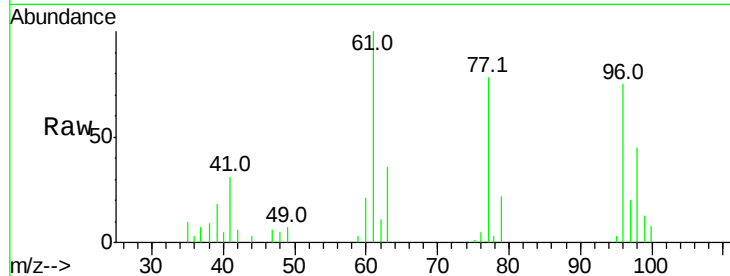


#27

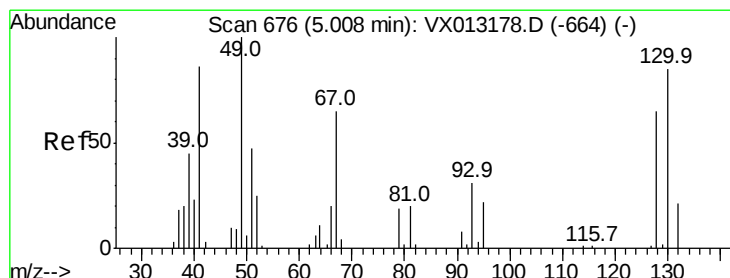
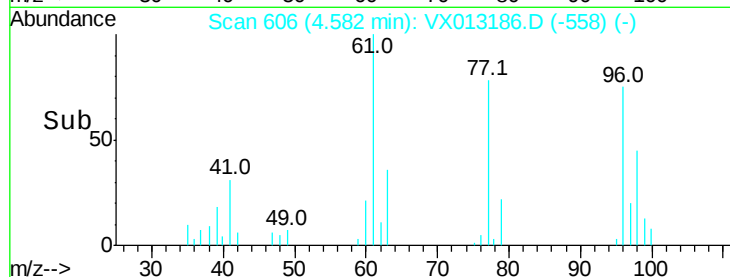
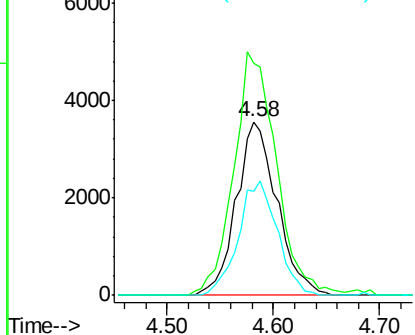
cis-1,2-Dichloroethene
Concen: 4.989 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 9555
Ion Ratio Lower Upper
96 100
61 146.7 0.0 288.0
98 63.3 0.0 131.2



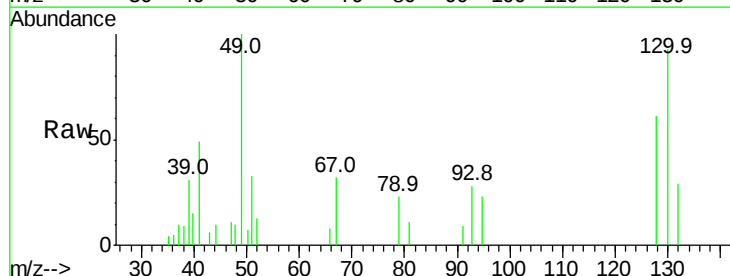
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



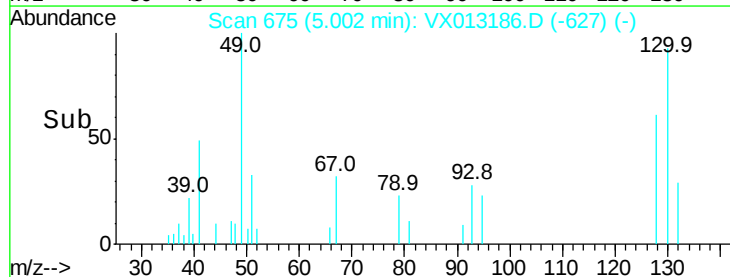
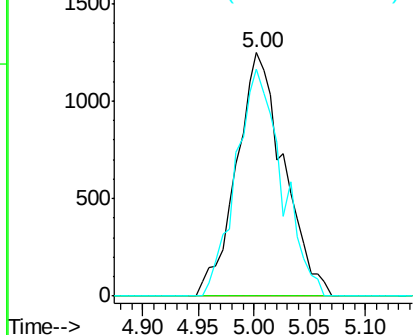
#28

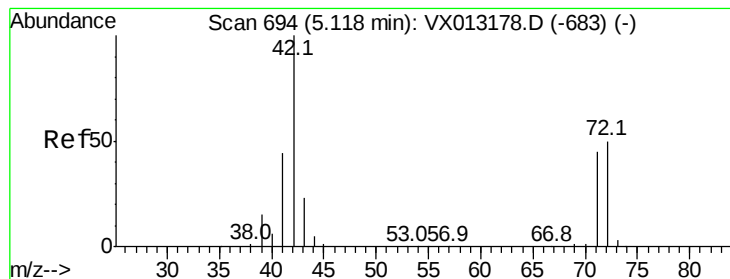
Bromochloromethane
Concen: 4.735 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 49 Resp: 3681
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.8
130 90.6 71.5 107.3



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





#29

Tetrahydrofuran

Concen: 25.093 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

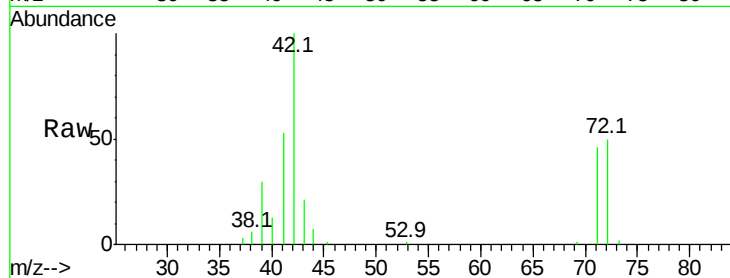
Tgt Ion: 42 Resp: 18565

Ion Ratio Lower Upper

42 100

72 50.1 40.2 60.2

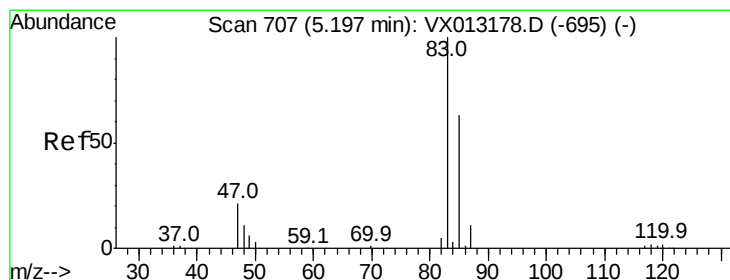
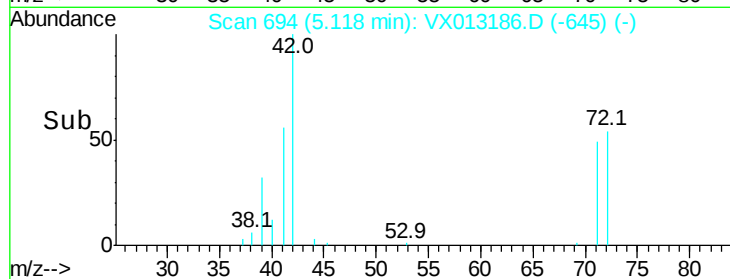
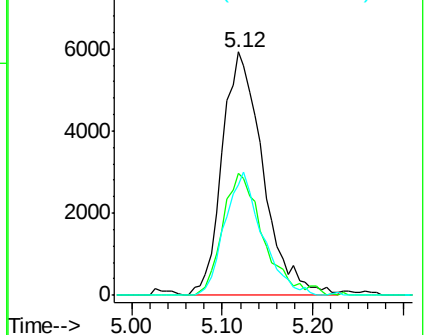
71 46.4 37.0 55.6



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: 5.085 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013186.D

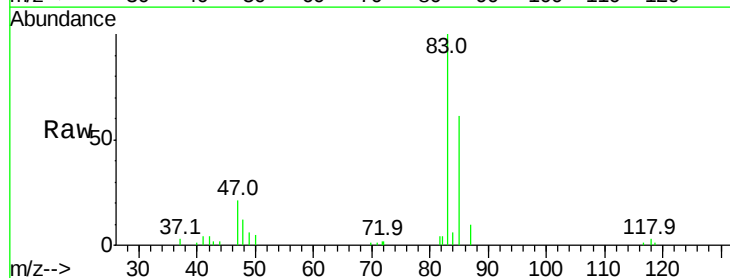
Acq: 23 Oct 2019 13:31

Tgt Ion: 83 Resp: 15977

Ion Ratio Lower Upper

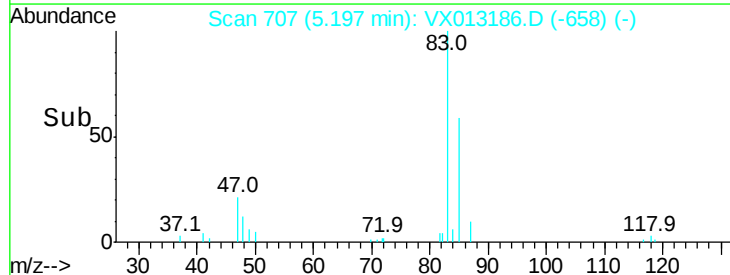
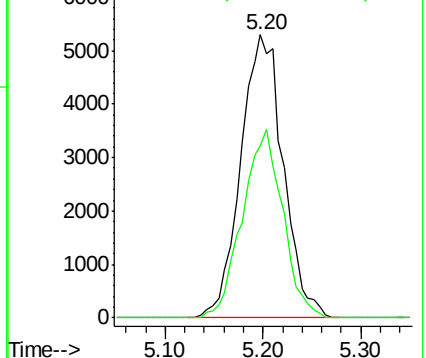
83 100

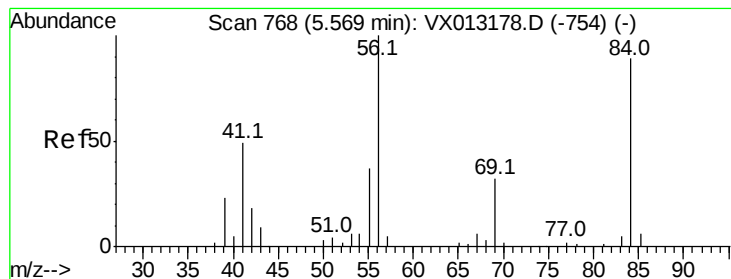
85 60.7 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.143 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

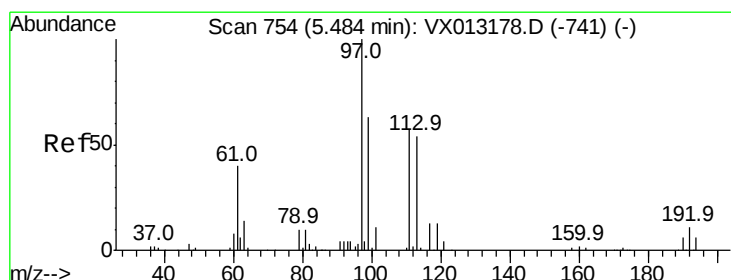
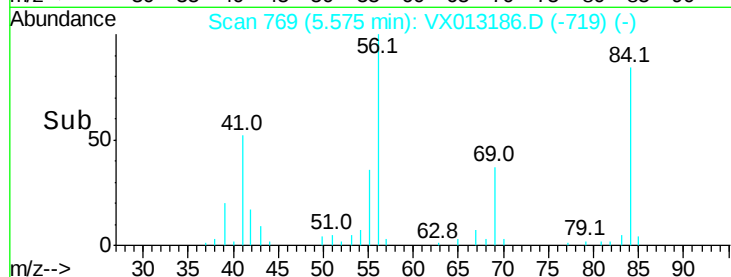
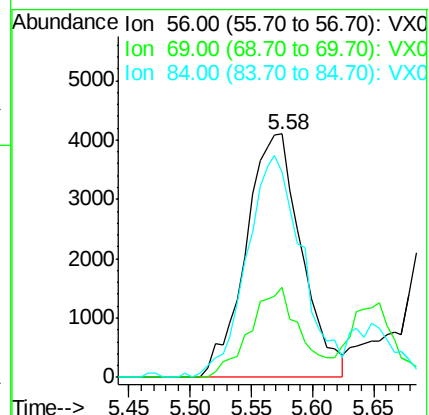
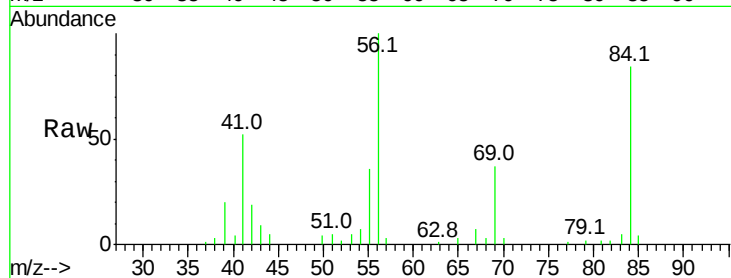
Tgt Ion: 56 Resp: 12971

Ion Ratio Lower Upper

56 100

69 36.9 25.9 38.9

84 84.4 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 4.732 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

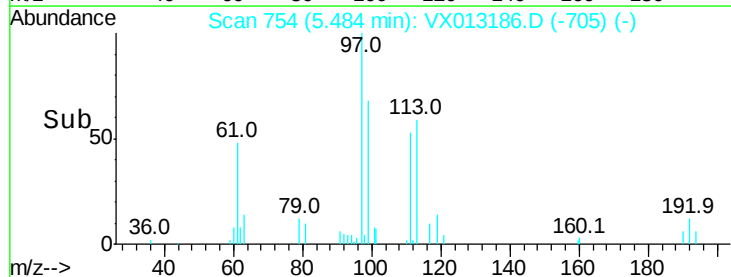
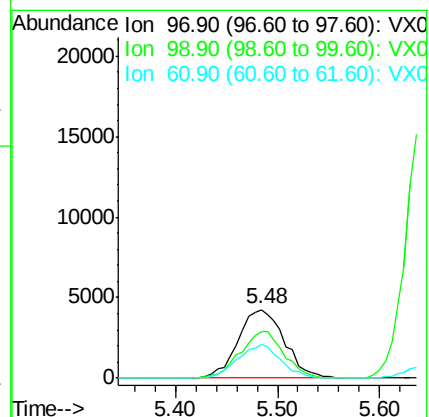
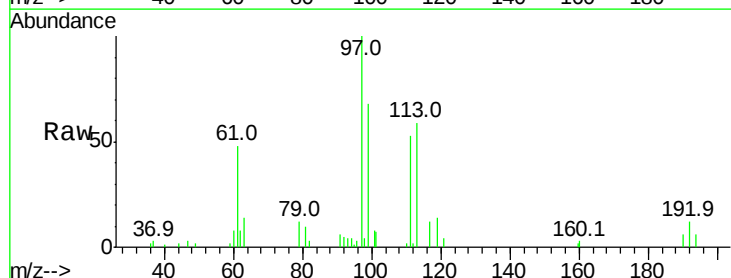
Tgt Ion: 97 Resp: 13340

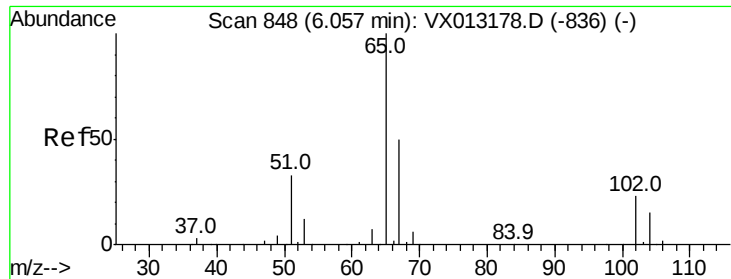
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 45.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 5.313 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

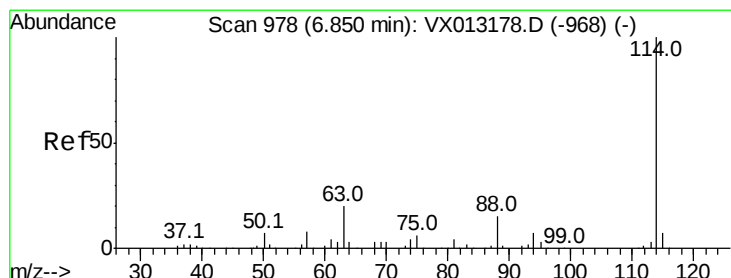
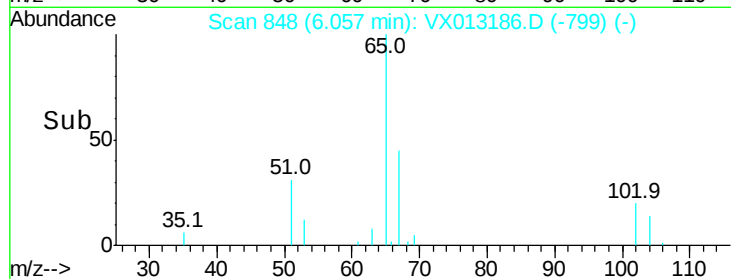
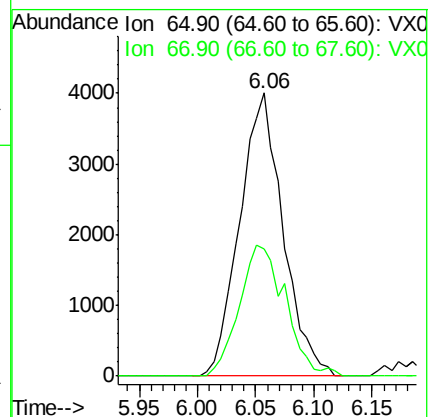
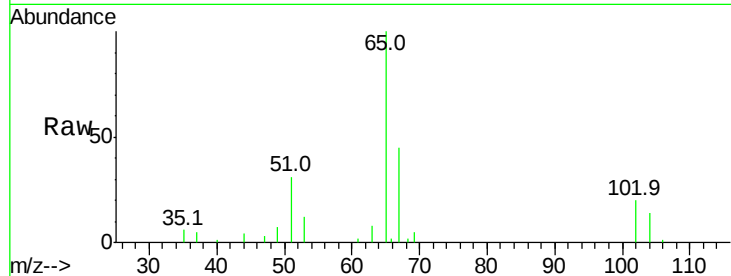
VSTDIC005

Tgt Ion: 65 Resp: 10347

Ion Ratio Lower Upper

65 100

67 49.2 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: VX013186.D

Acq: 23 Oct 2019 13:31

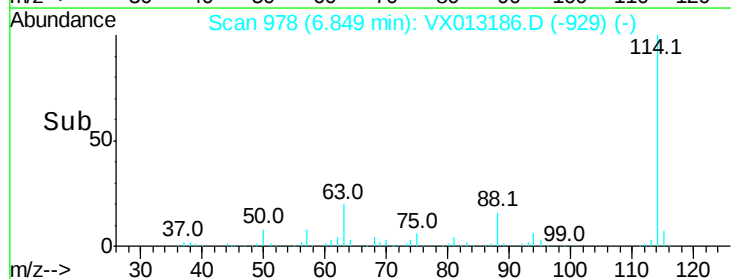
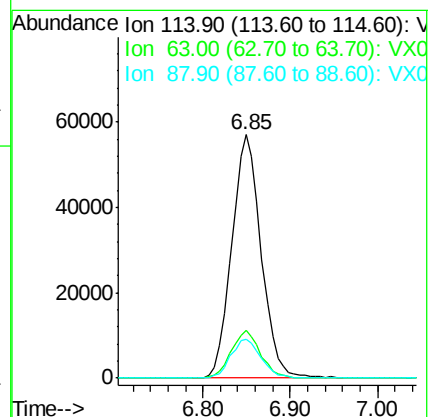
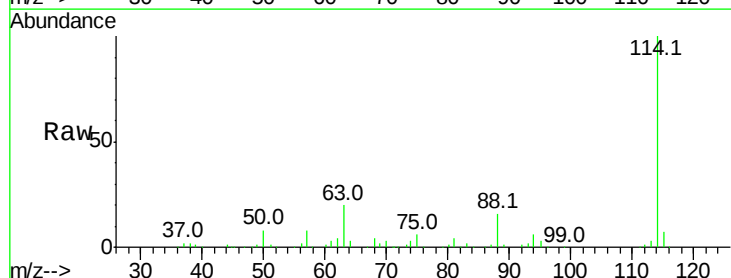
Tgt Ion: 114 Resp: 132684

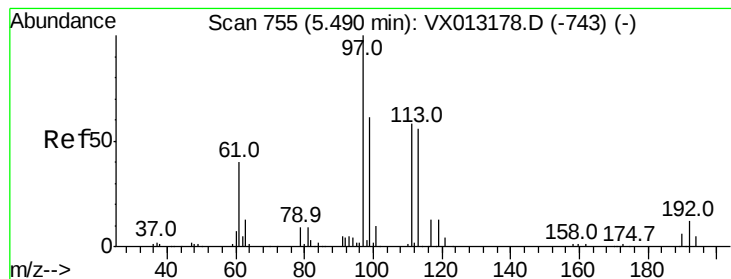
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 4.678 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

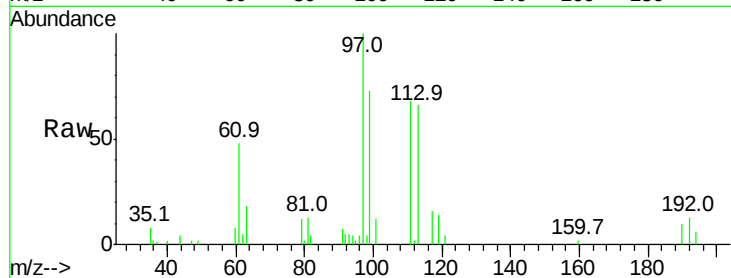
Tgt Ion:113 Resp: 7240

Ion Ratio Lower Upper

113 100

111 104.9 82.0 123.0

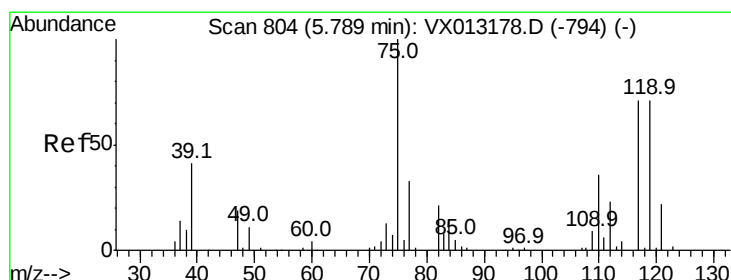
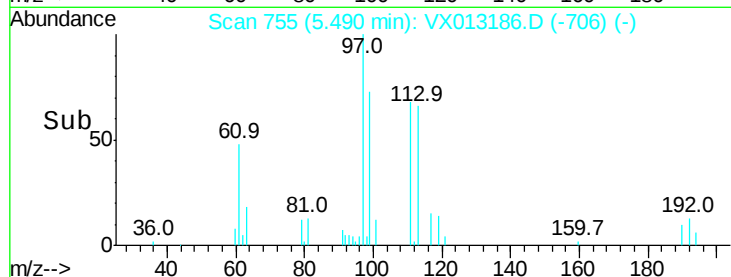
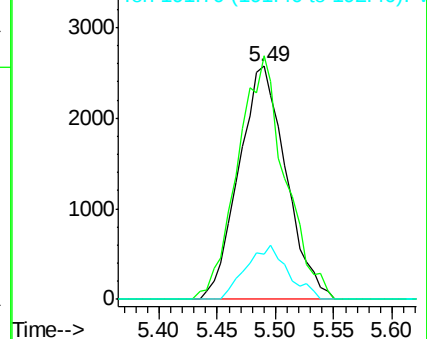
192 20.7 16.2 24.2



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: 4.780 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

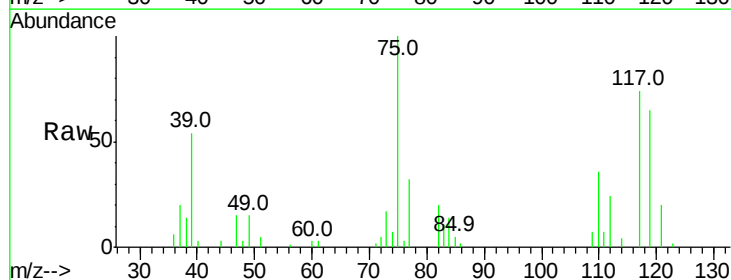
Tgt Ion: 75 Resp: 11365

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

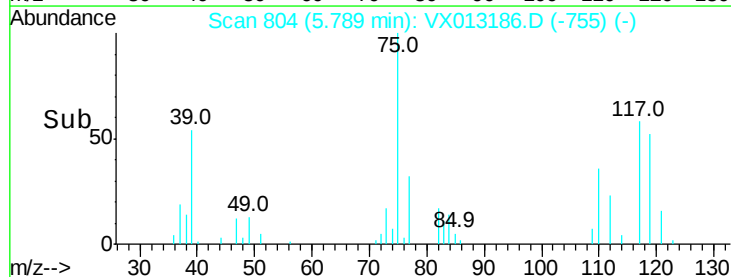
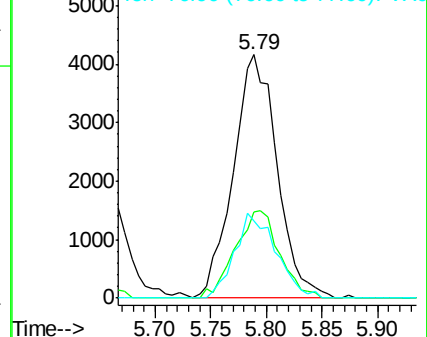
77 32.8 25.2 37.8

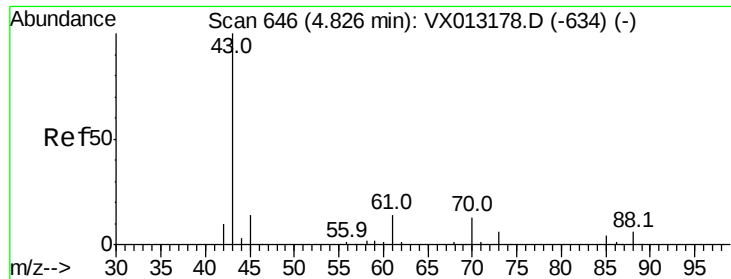


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.404 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

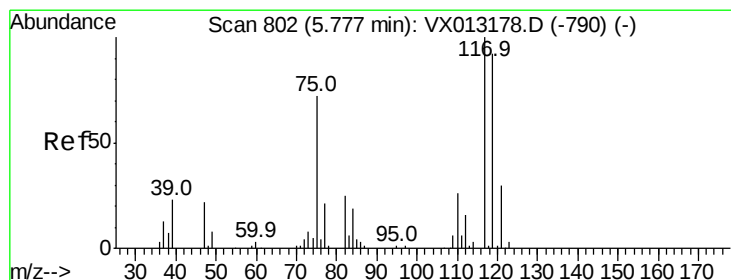
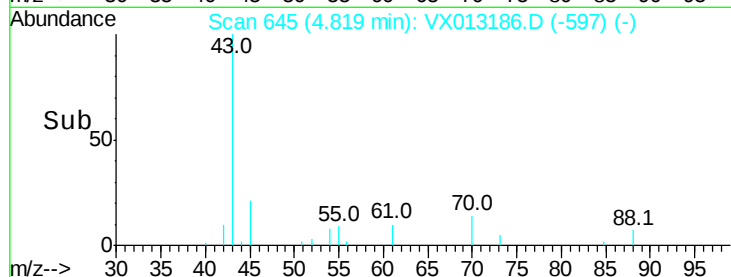
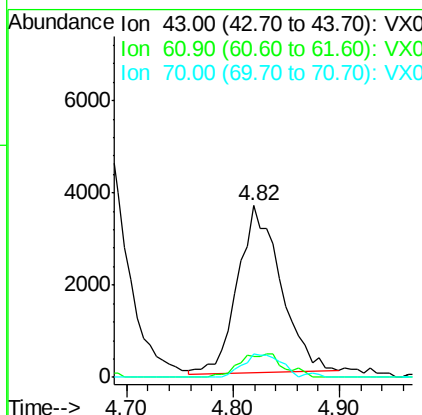
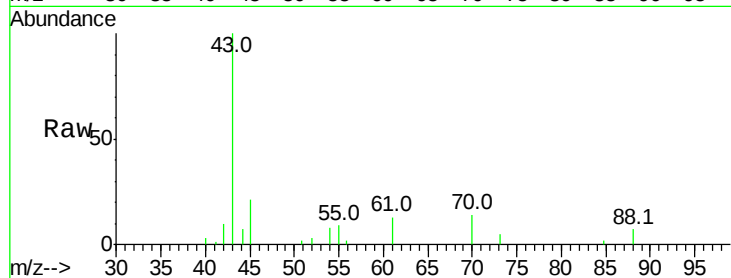
Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 10346

Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	12.4	10.0	15.0



#38

Carbon Tetrachloride

Concen: 4.718 ug/l

RT: 5.78 min Scan# 802

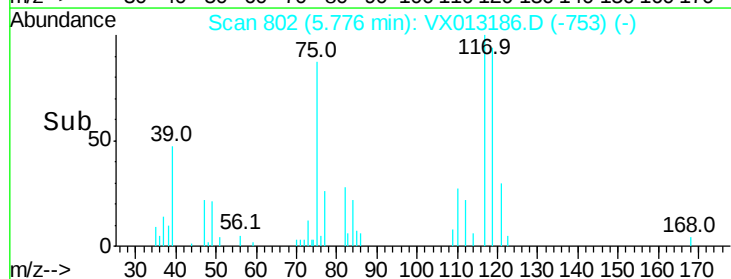
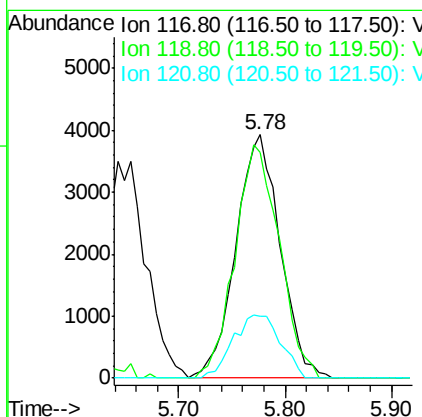
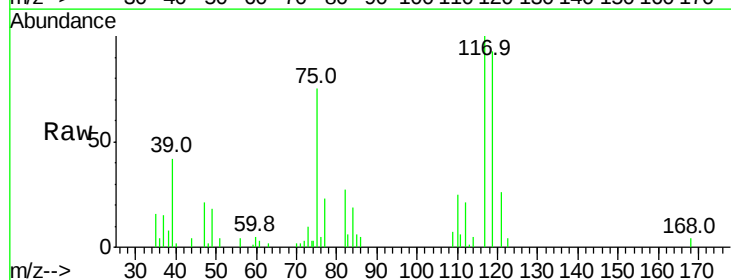
Delta R.T. -0.00 min

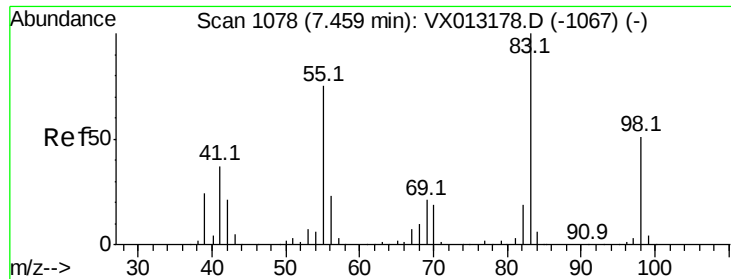
Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Tgt Ion: 117 Resp: 11440

Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.8	110.6
121	25.7	24.3	36.5

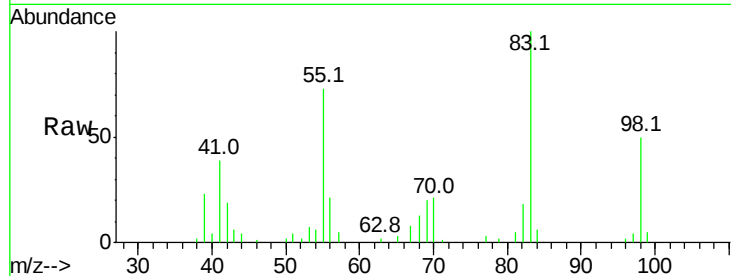




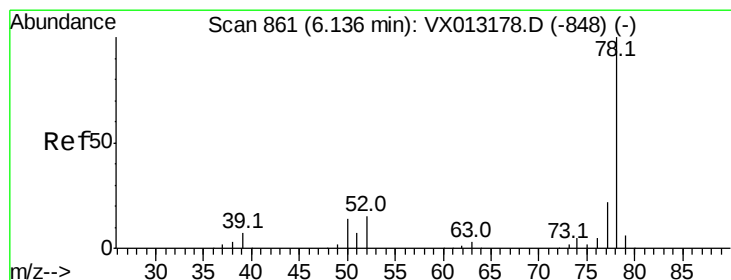
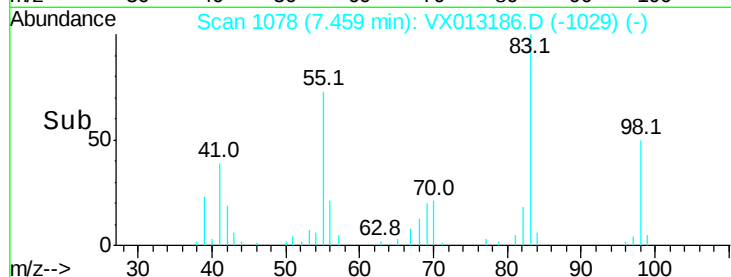
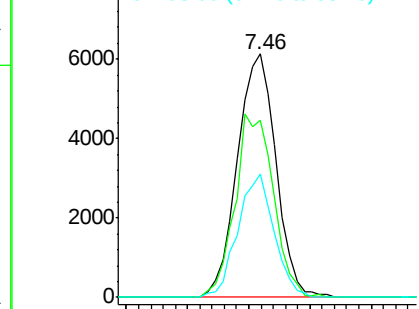
#39
Methylcyclohexane
Concen: 4.768 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 13441
Ion Ratio Lower Upper
83 100
55 72.8 60.3 90.5
98 50.4 40.6 61.0

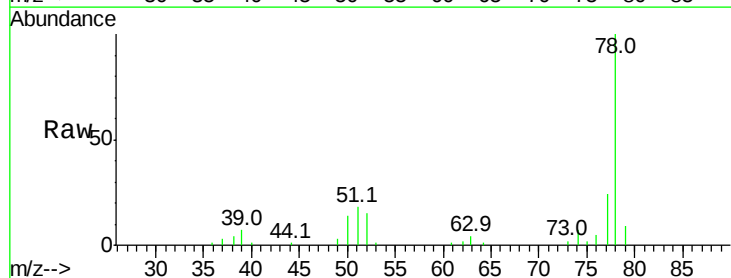


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

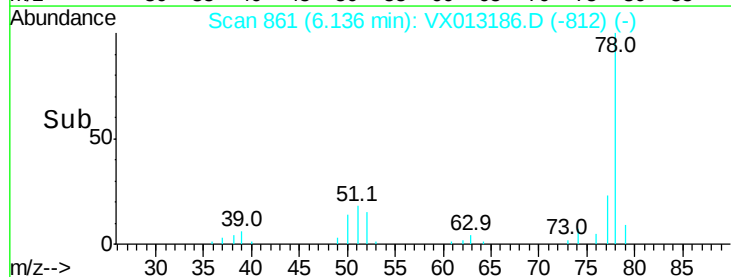
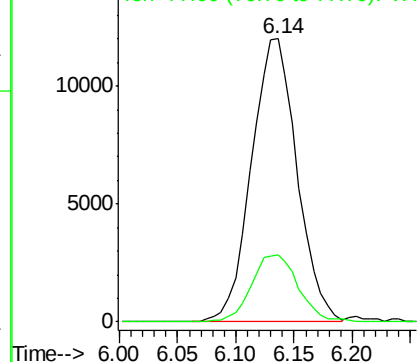


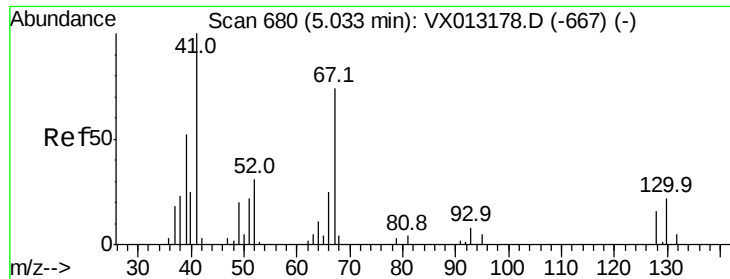
#40
Benzene
Concen: 4.839 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 78 Resp: 32711
Ion Ratio Lower Upper
78 100
77 23.7 18.0 27.0



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





#41

Methacrylonitrile

Concen: 4.565 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 5680

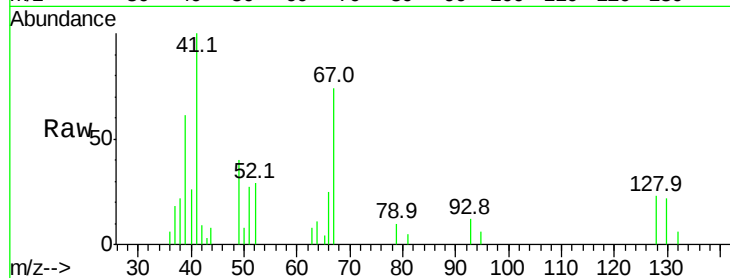
Ion Ratio Lower Upper

41 100

39 64.5 43.3 64.9

67 79.3 62.5 93.7

52 32.7 25.4 38.0

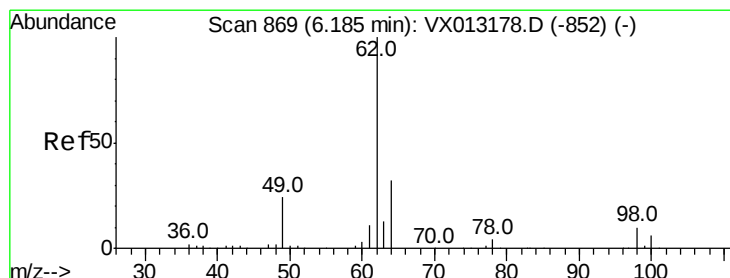
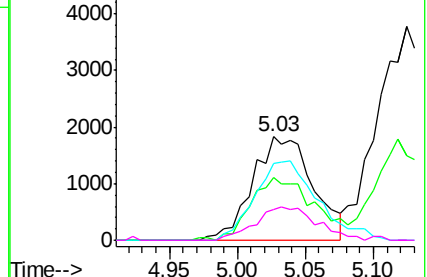
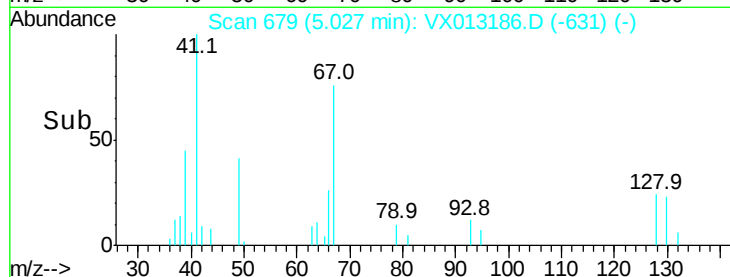


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 4.927 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013186.D

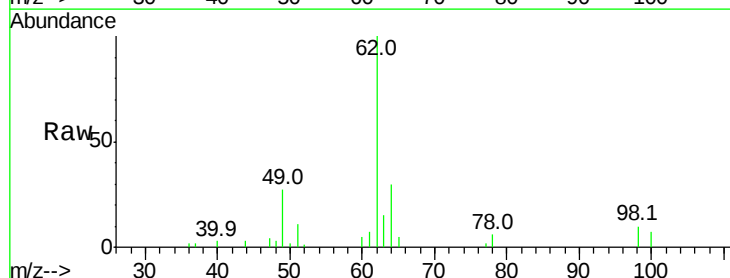
Acq: 23 Oct 2019 13:31

Tgt Ion: 62 Resp: 12515

Ion Ratio Lower Upper

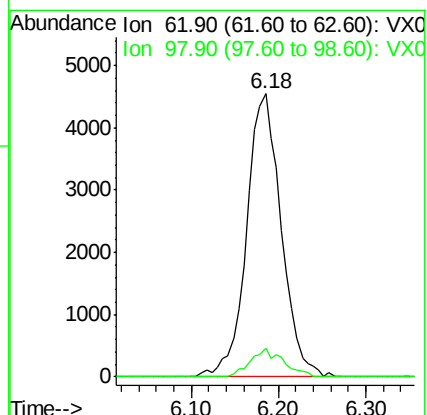
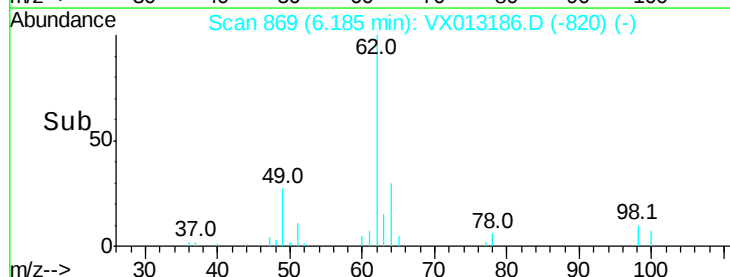
62 100

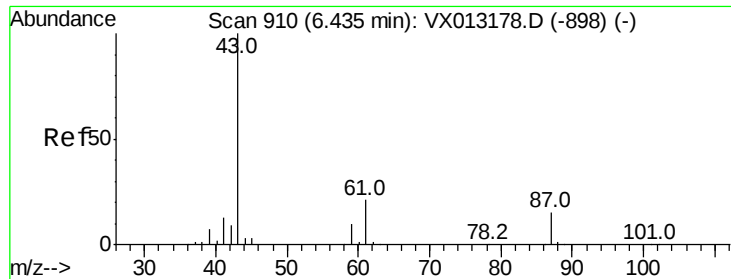
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.763 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

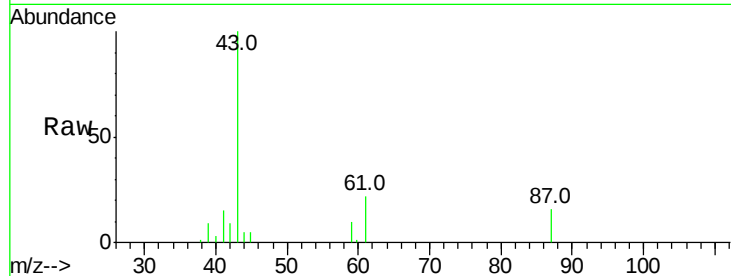
MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 17850

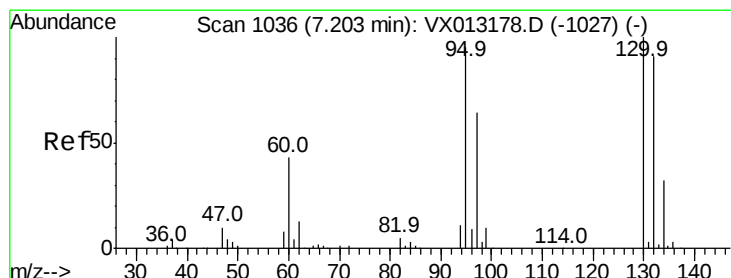
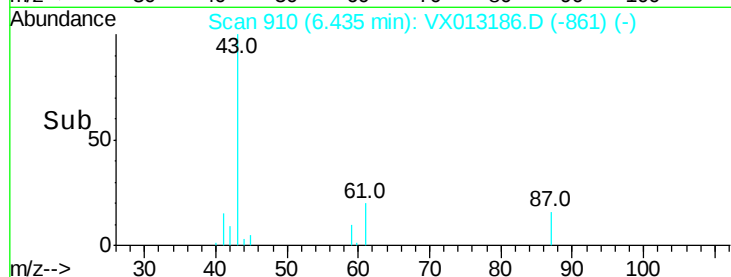
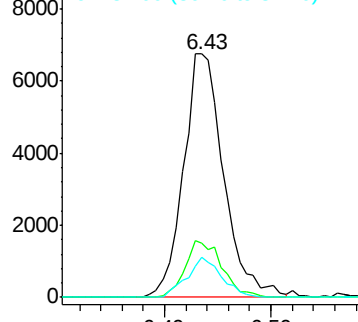
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	14.1	12.2	18.2



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: 4.805 ug/l

RT: 7.21 min Scan# 1037

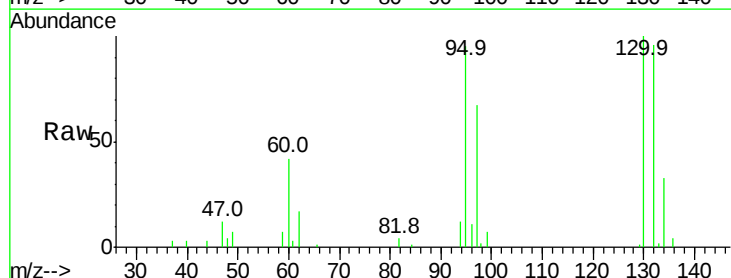
Delta R.T. 0.01 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

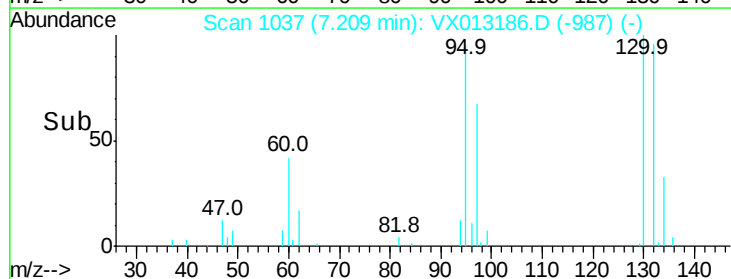
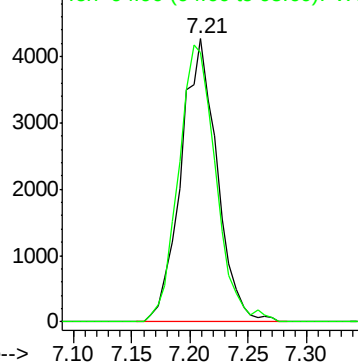
Tgt Ion: 130 Resp: 9203

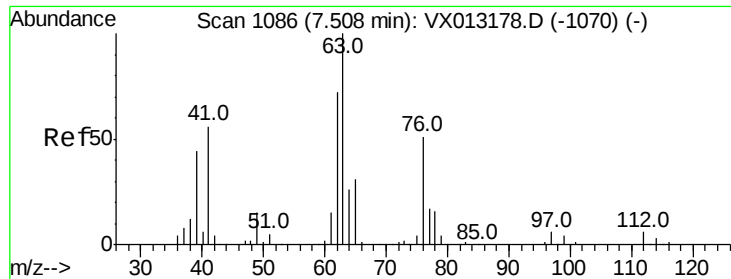
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

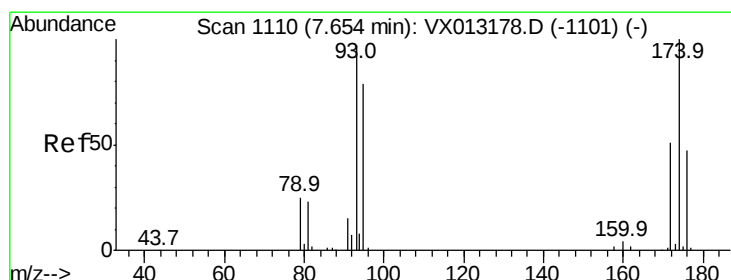
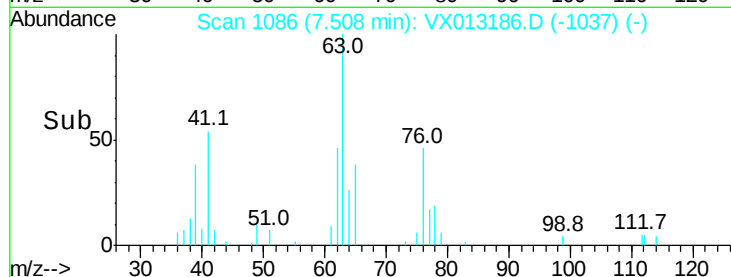
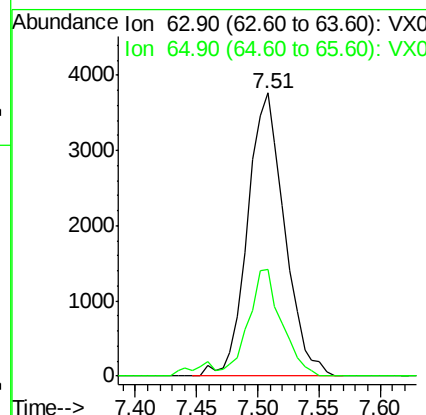
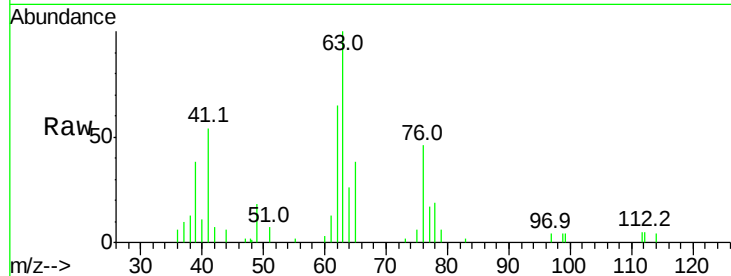




#45
 1,2-Dichloropropane
 Concen: 4.719 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

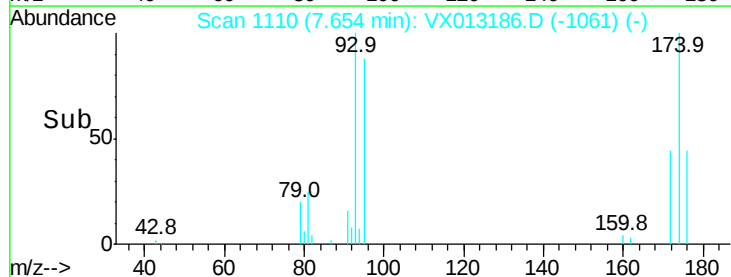
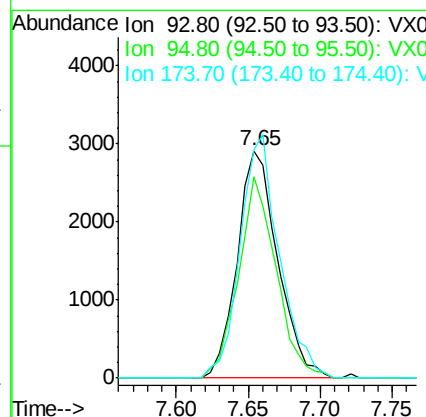
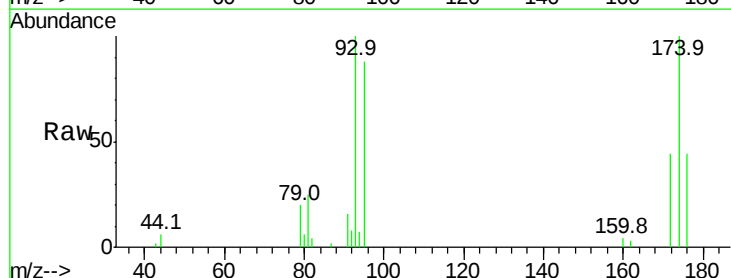
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

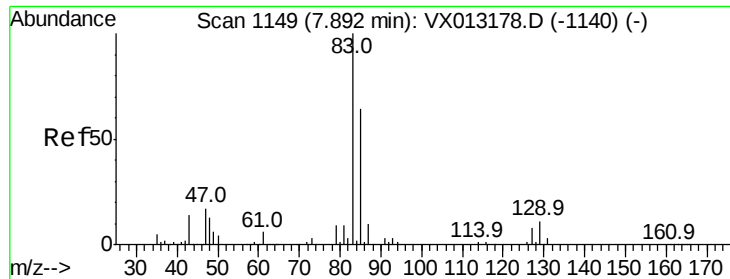
Tgt Ion: 63 Resp: 7918
 Ion Ratio Lower Upper
 63 100
 65 37.5 25.0 37.6



#46
 Dibromomethane
 Concen: 4.808 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion: 93 Resp: 5694
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.1 99.1
 174 103.5 83.0 124.4





#47

Bromodichloromethane

Concen: 4.675 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

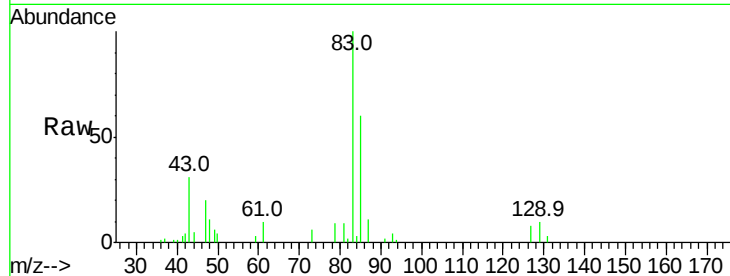
Tgt Ion: 83 Resp: 10910

Ion Ratio Lower Upper

83 100

85 59.5 50.9 76.3

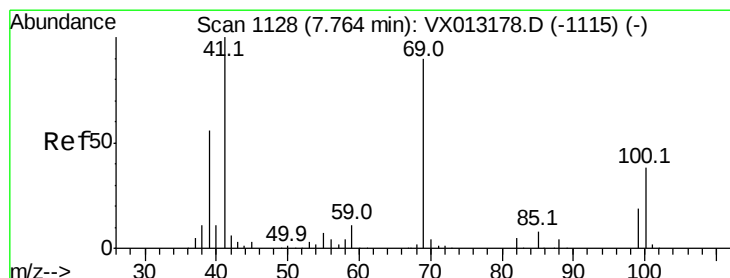
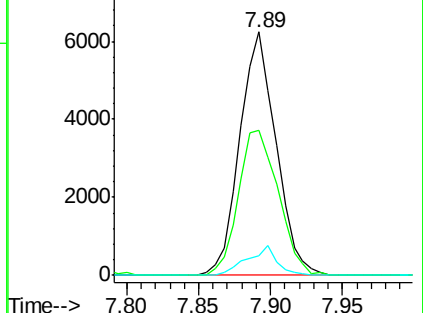
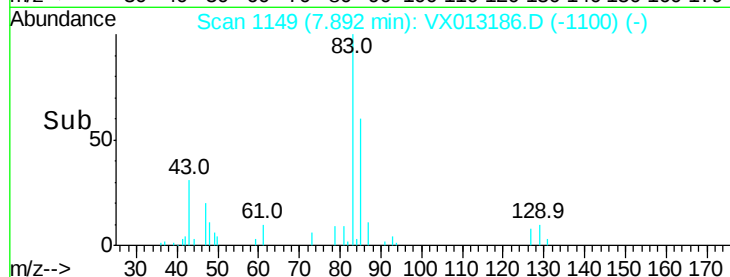
127 8.3 6.7 10.1



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: 4.927 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

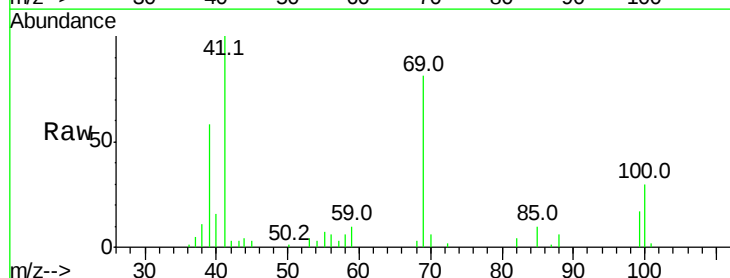
Tgt Ion: 41 Resp: 8954

Ion Ratio Lower Upper

41 100

69 82.2 72.2 108.4

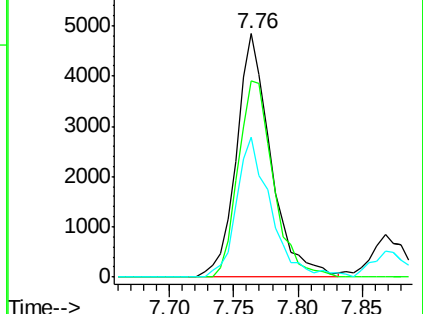
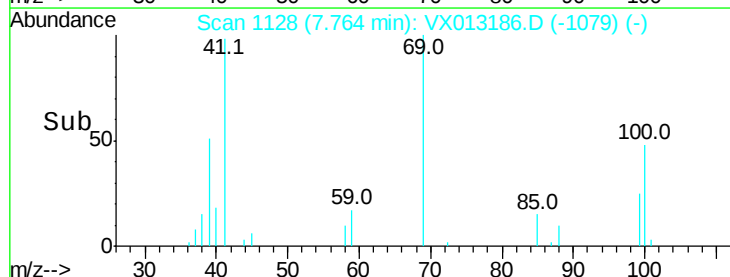
39 57.1 45.6 68.4

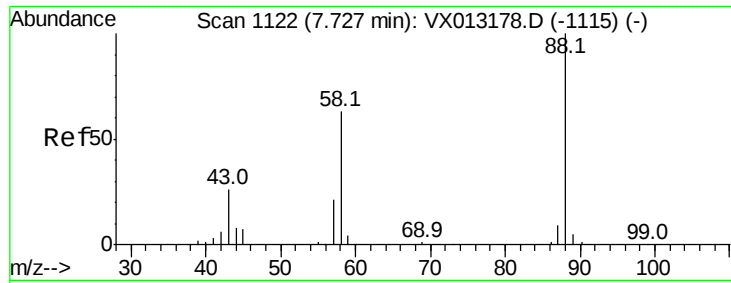


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

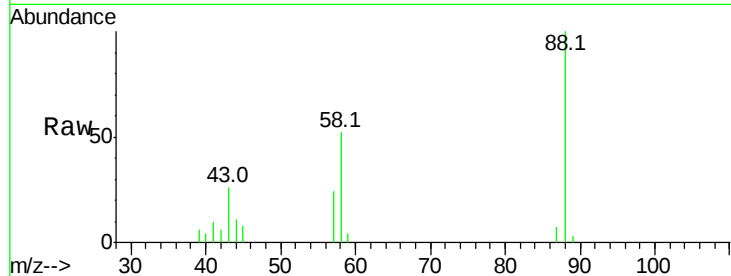




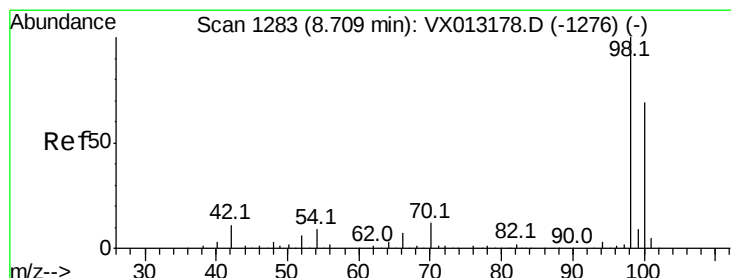
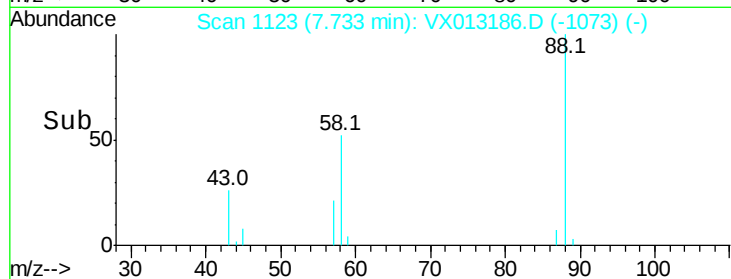
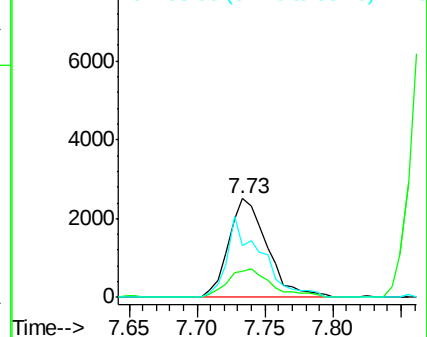
#49
 1,4-Dioxane
 Concen: 100.037 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 4952
 Ion Ratio Lower Upper
 88 100
 43 33.1 24.4 36.6
 58 72.1 52.2 78.4

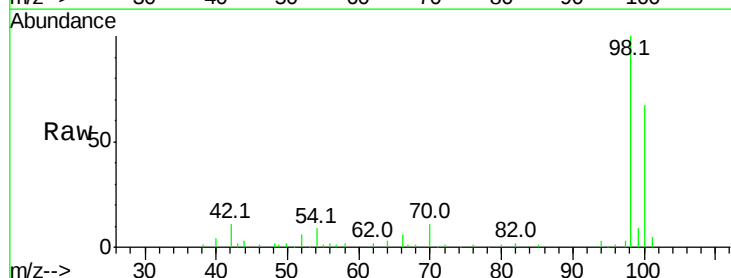


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

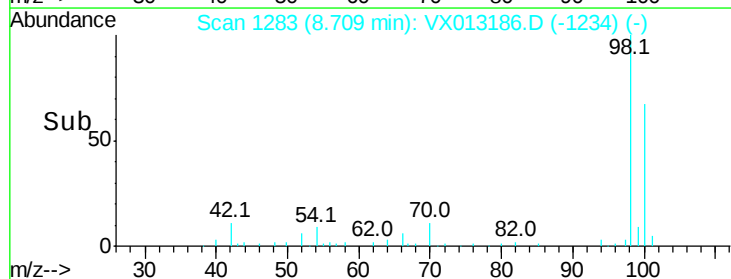
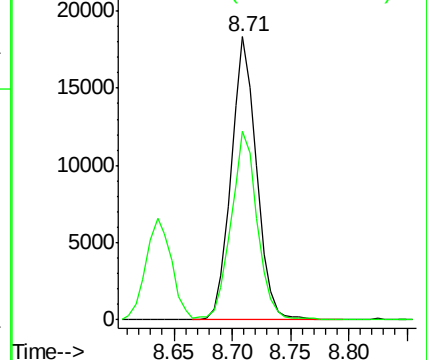


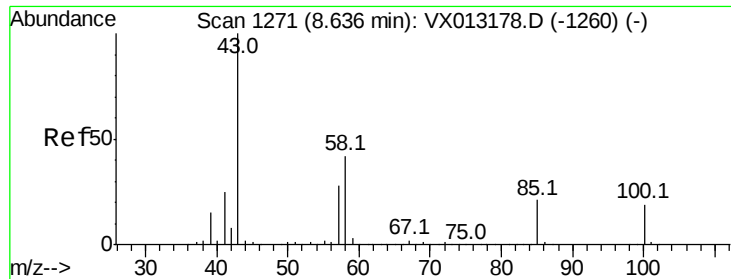
#50
 Toluene-d8
 Concen: 4.903 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion: 98 Resp: 27721
 Ion Ratio Lower Upper
 98 100
 100 68.6 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 24.281 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

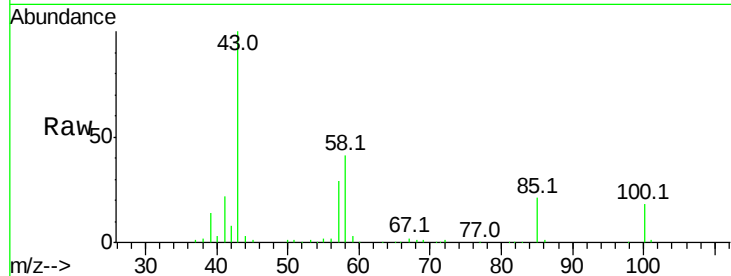
VSTDIC005

Tgt Ion: 43 Resp: 55768

Ion Ratio Lower Upper

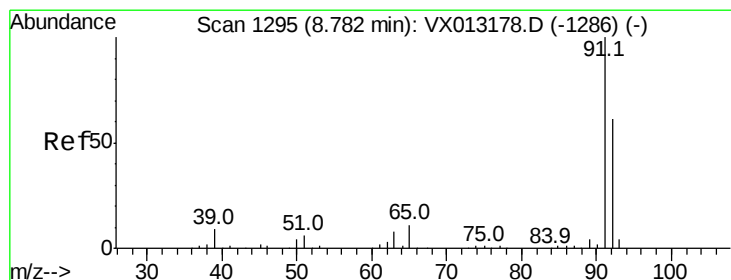
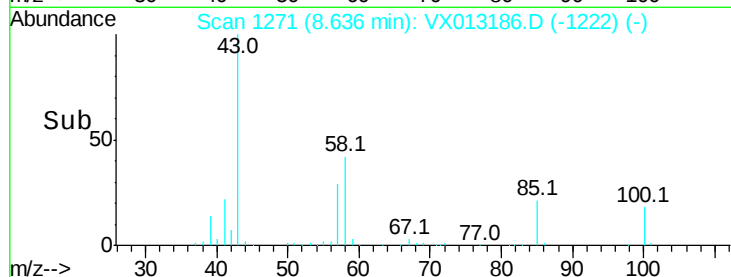
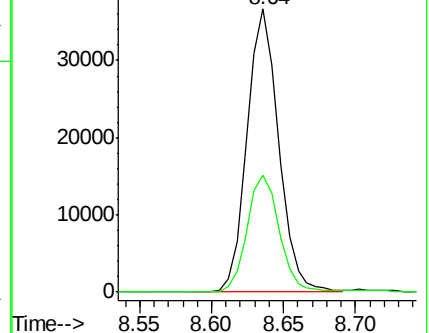
43 100

58 41.8 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.899 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013186.D

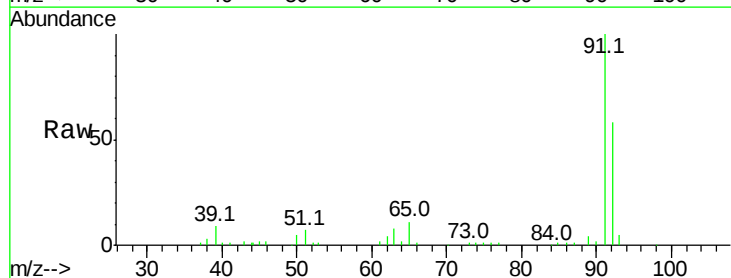
Acq: 23 Oct 2019 13:31

Tgt Ion: 92 Resp: 21371

Ion Ratio Lower Upper

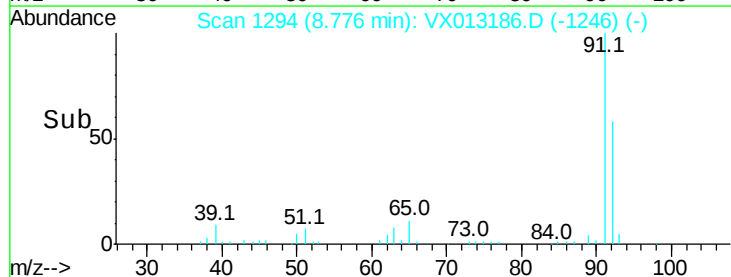
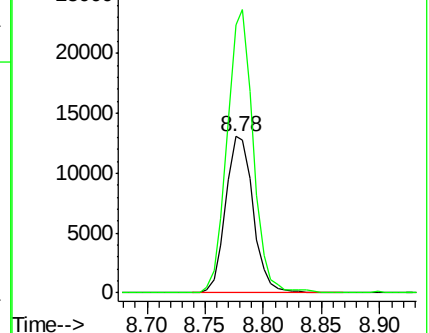
92 100

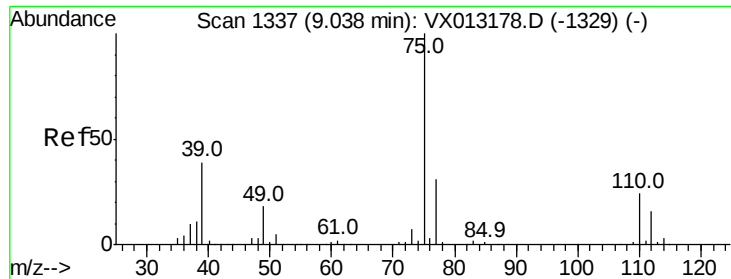
91 171.8 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.157 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

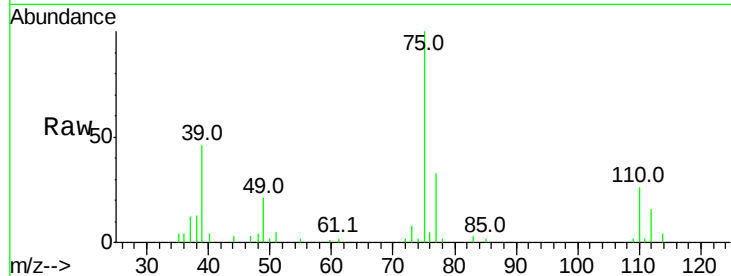
VSTDIC005

Tgt Ion: 75 Resp: 10388

Ion Ratio Lower Upper

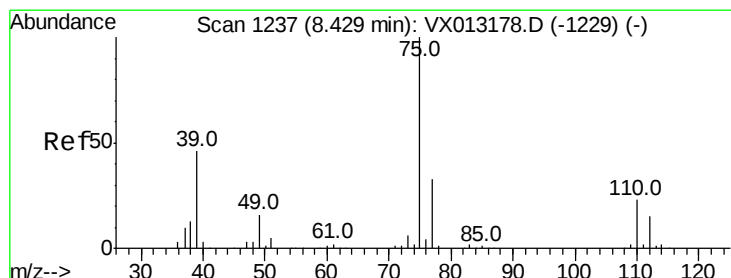
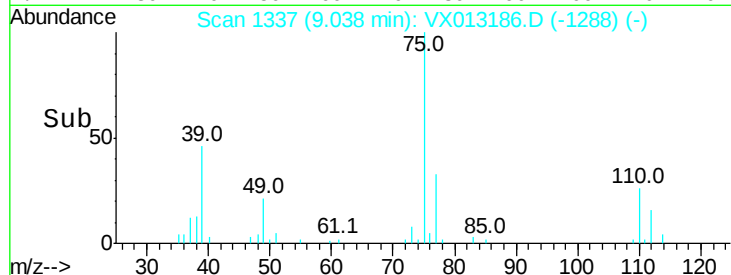
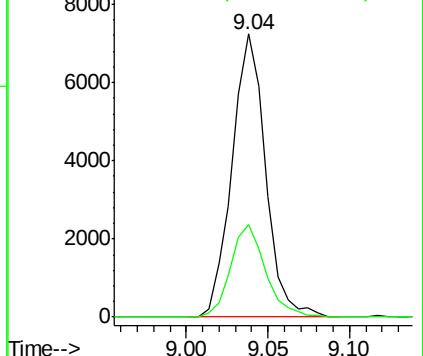
75 100

77 32.7 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.412 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

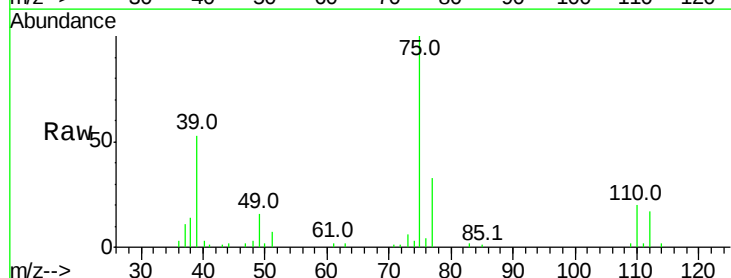
Tgt Ion: 75 Resp: 12161

Ion Ratio Lower Upper

75 100

77 32.9 26.4 39.6

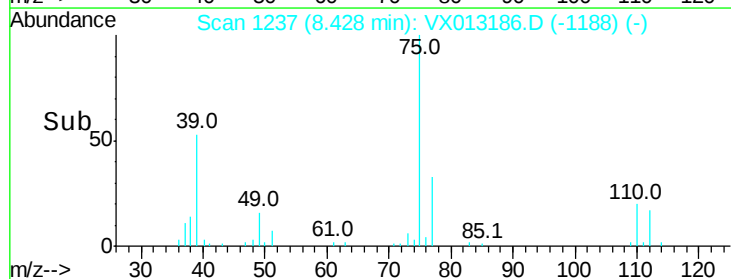
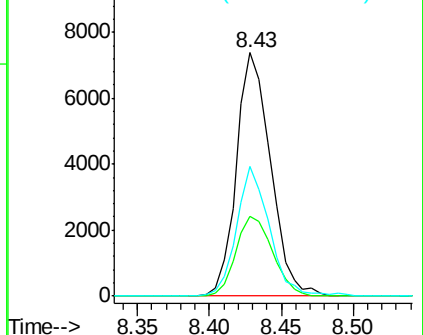
39 53.3 36.6 55.0

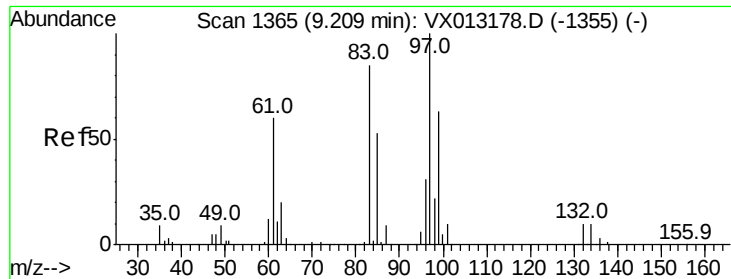


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

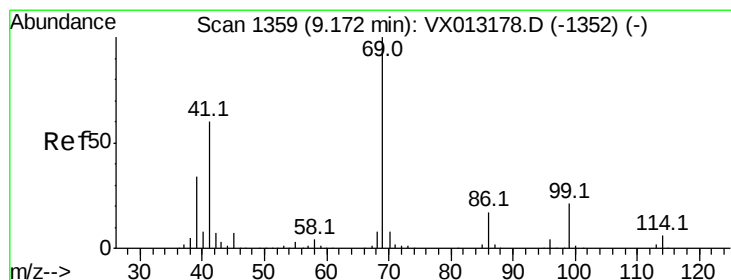
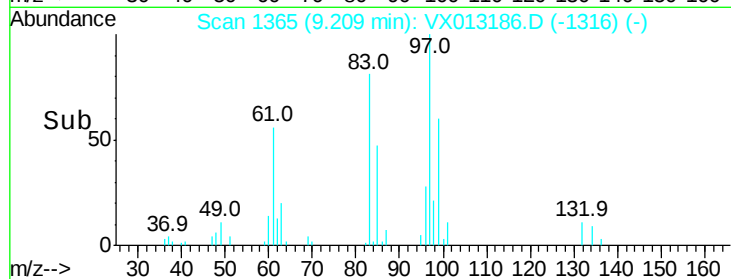
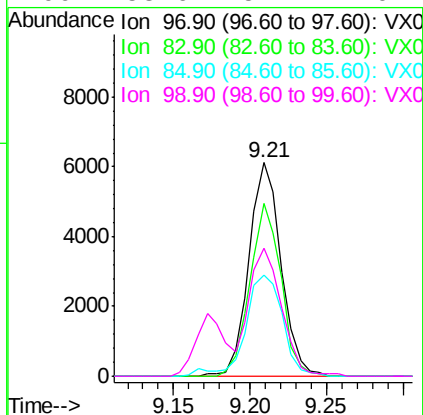
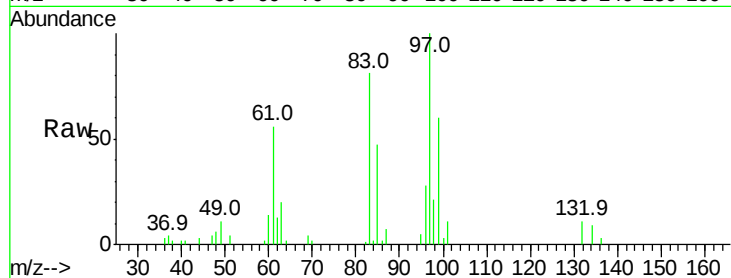




#55
 1,1,2-Trichloroethane
 Concen: 5.064 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

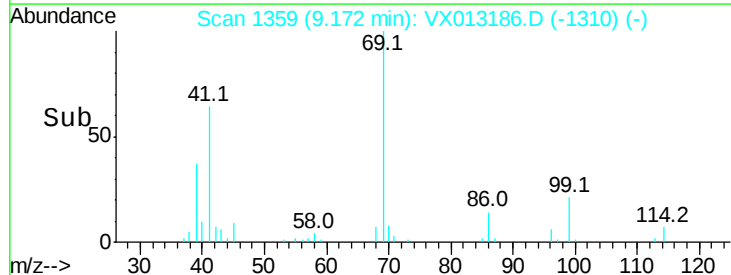
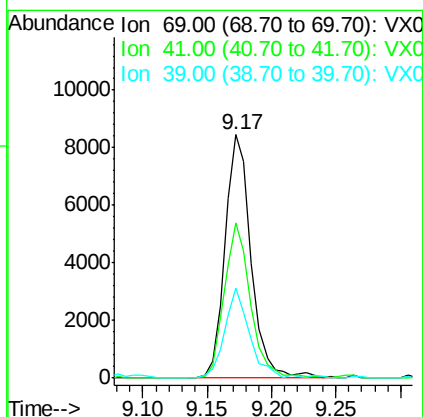
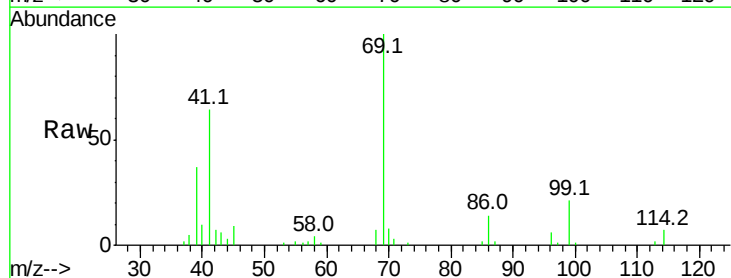
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

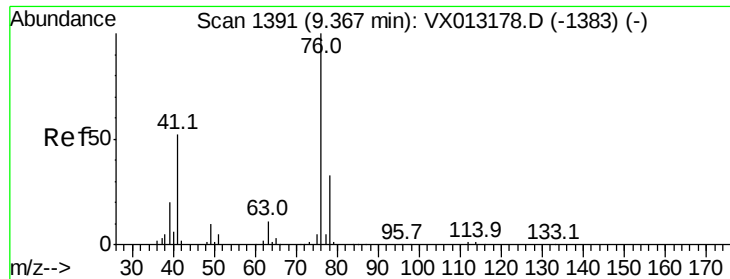
Tgt Ion:	97	Resp:	8932
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.8	101.6
85	47.3	42.7	64.1
99	58.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 4.451 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion:	69	Resp:	12015
Ion	Ratio	Lower	Upper
69	100		
41	64.4	48.5	72.7
39	35.5	27.8	41.6

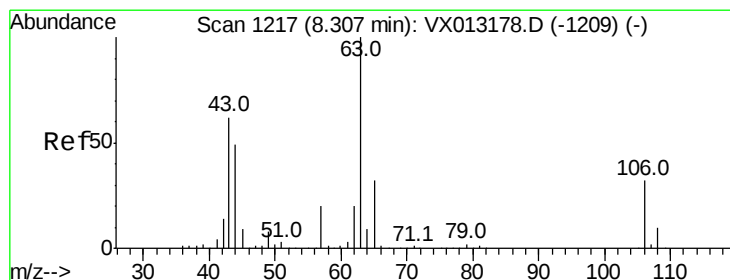
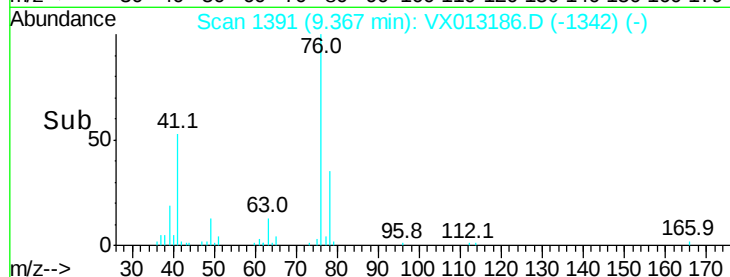
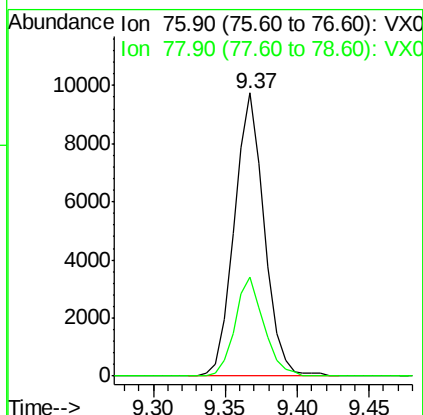
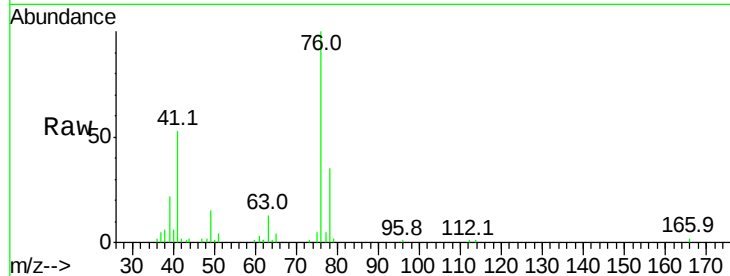




#57
 1,3-Dichloropropane
 Concen: 4.827 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

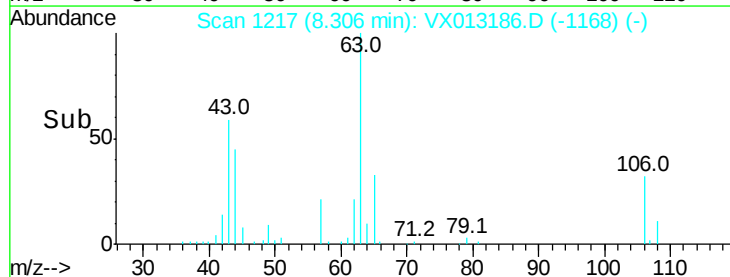
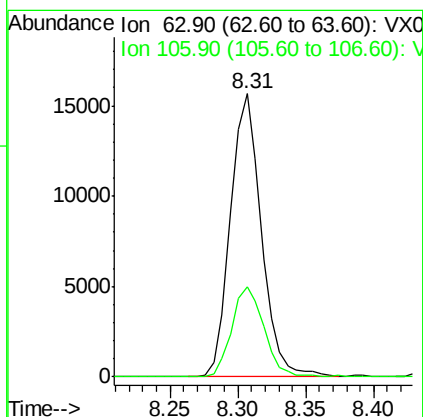
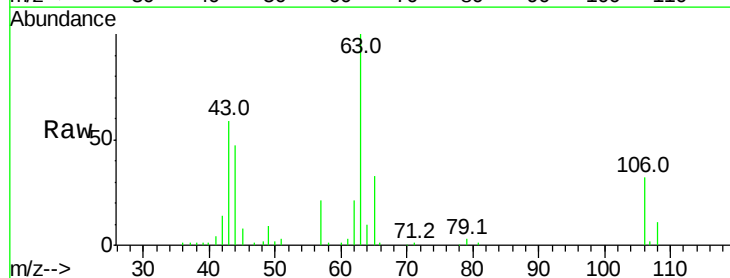
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

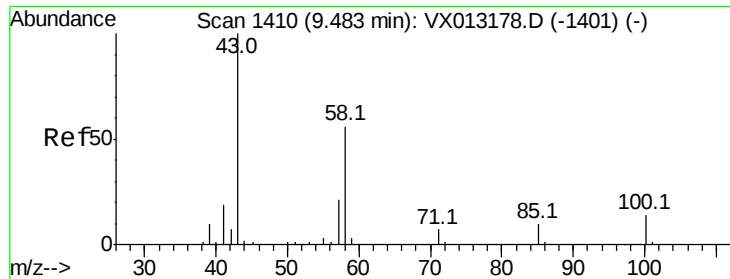
Tgt Ion: 76 Resp: 14083
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.466 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion: 63 Resp: 24862
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.0 37.6

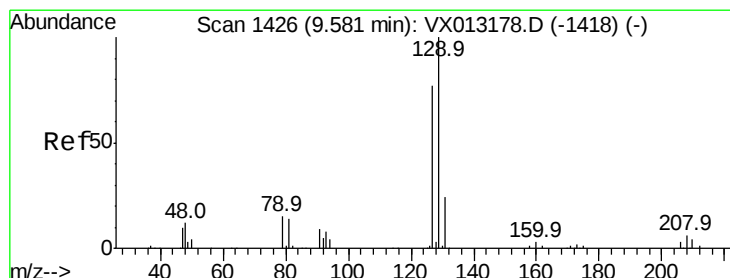
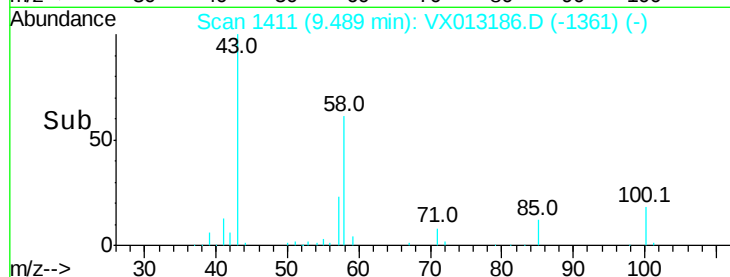
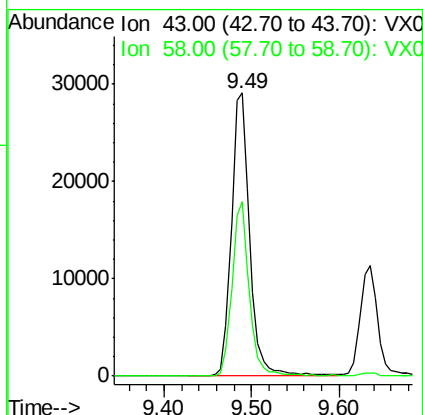
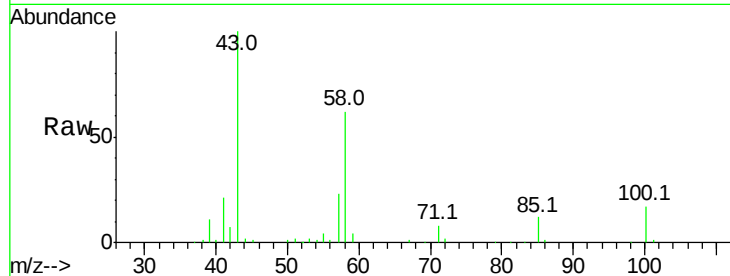




#59
2-Hexanone
Concen: 23.716 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

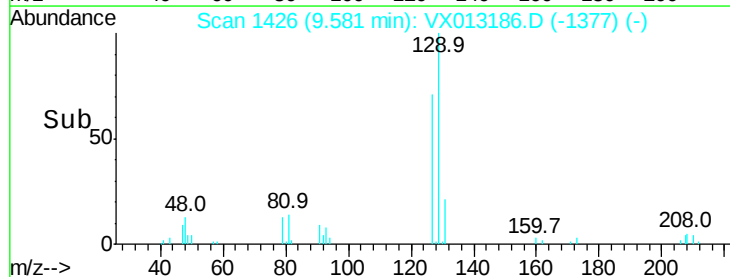
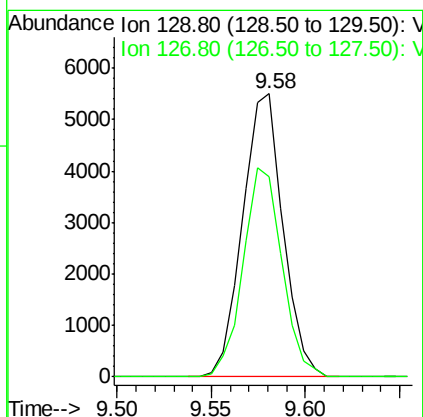
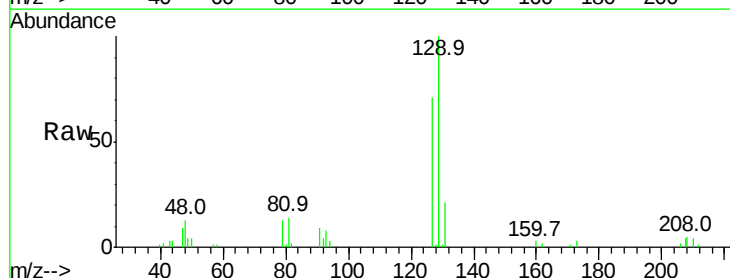
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

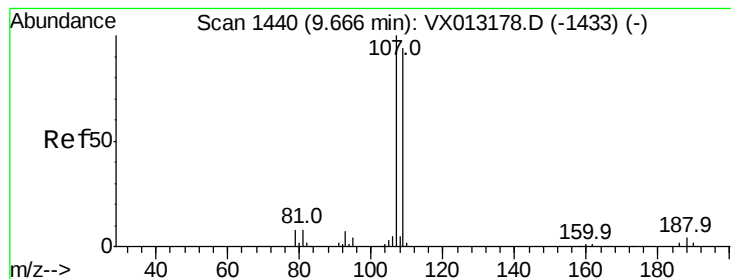
Tgt Ion: 43 Resp: 42726
Ion Ratio Lower Upper
43 100
58 57.9 28.4 85.3



#60
Dibromochloromethane
Concen: 4.506 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 129 Resp: 8157
Ion Ratio Lower Upper
129 100
127 71.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 4.791 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

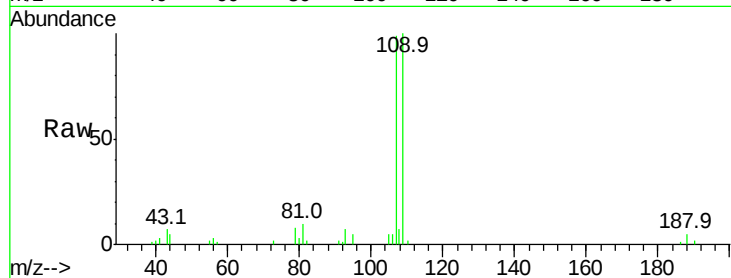
VSTDIC005

Tgt Ion: 107 Resp: 9032

Ion Ratio Lower Upper

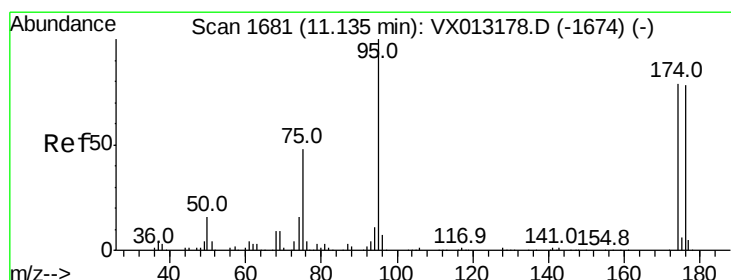
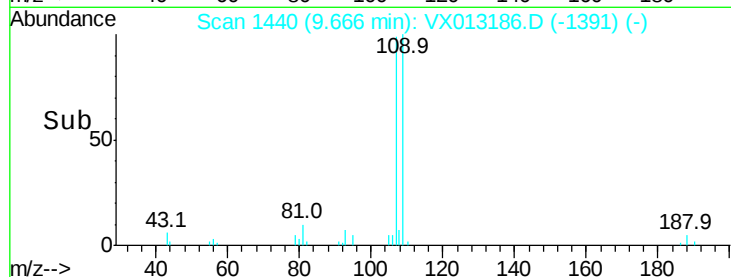
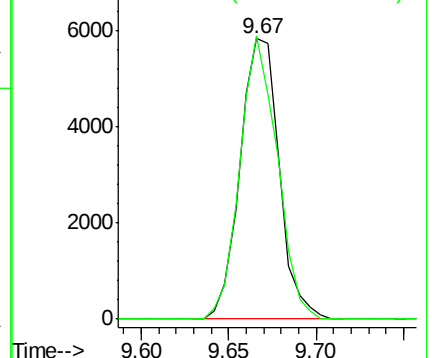
107 100

109 96.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.553 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

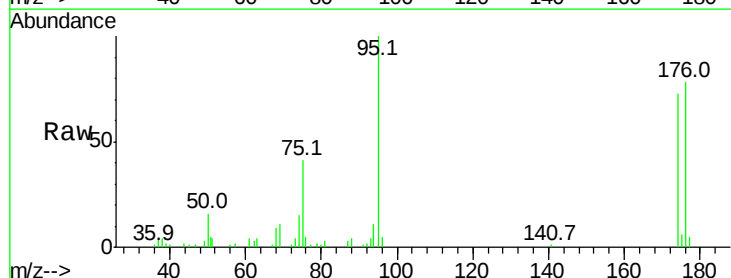
Tgt Ion: 95 Resp: 10605

Ion Ratio Lower Upper

95 100

174 74.7 0.0 155.6

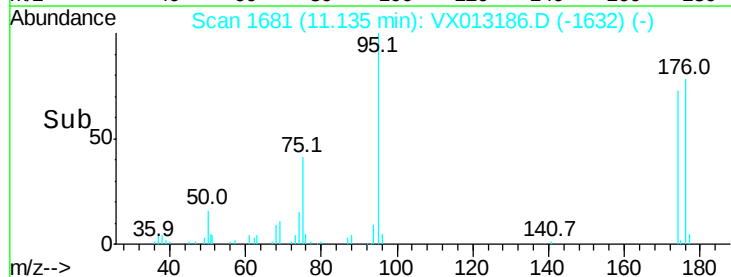
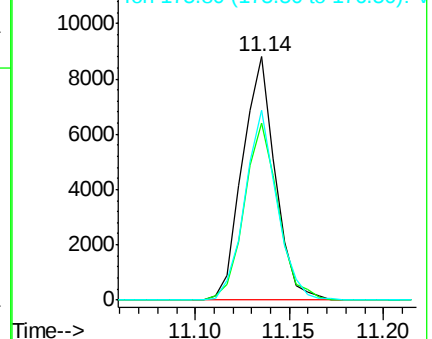
176 76.7 0.0 151.2

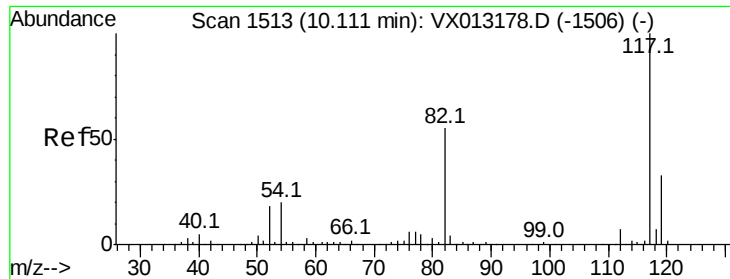


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

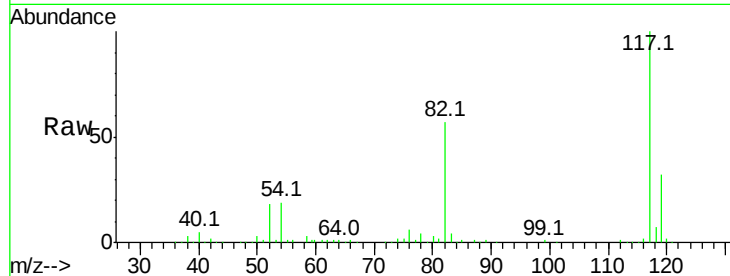




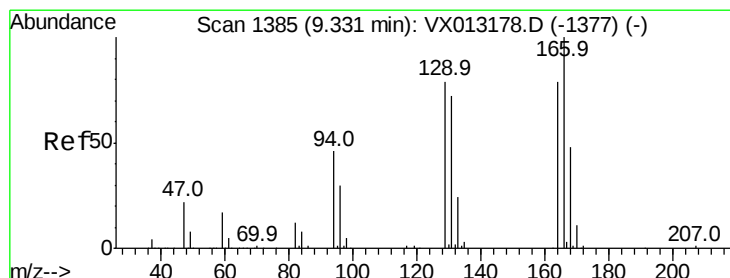
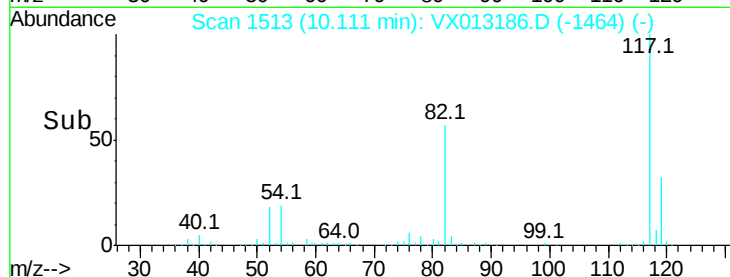
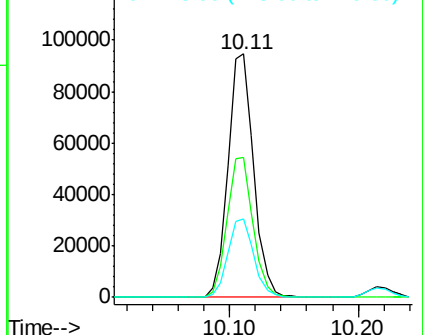
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 132363
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.3 26.3 39.5



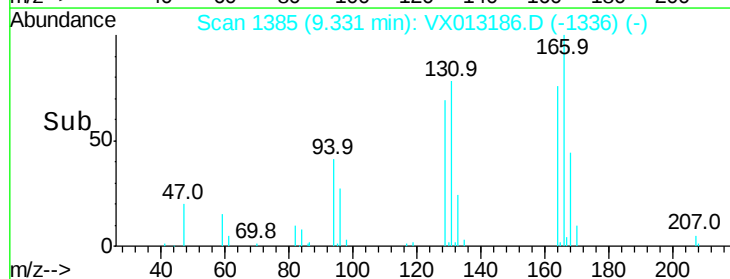
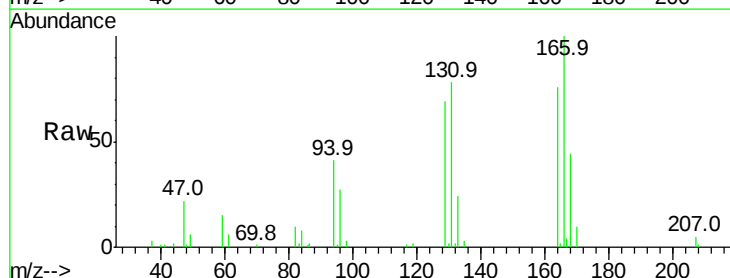
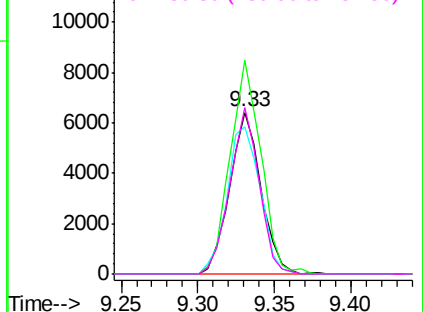
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

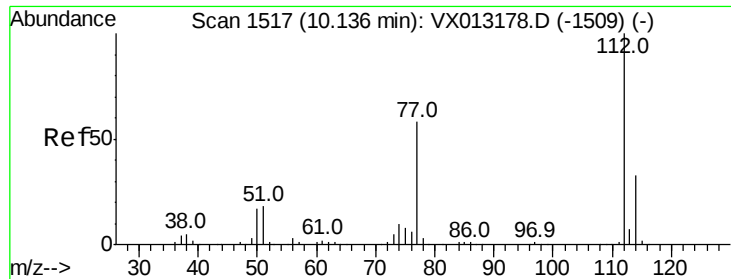


#64
Tetrachloroethene
Concen: 5.059 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion:164 Resp: 9094
Ion Ratio Lower Upper
164 100
166 132.3 101.3 151.9
129 91.2 79.9 119.9
131 102.7 72.5 108.7

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

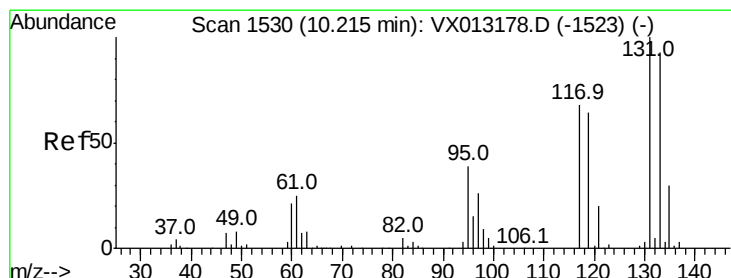
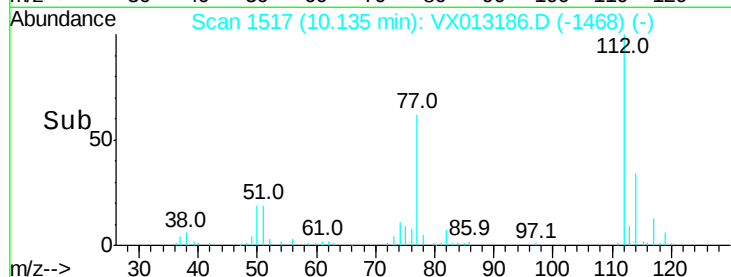
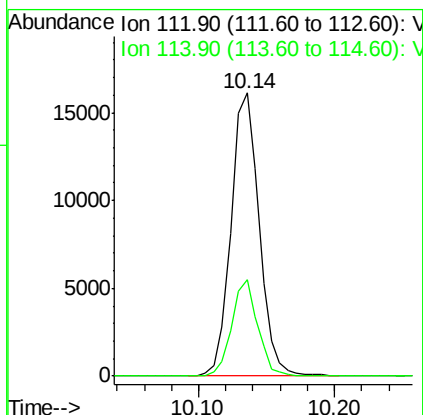
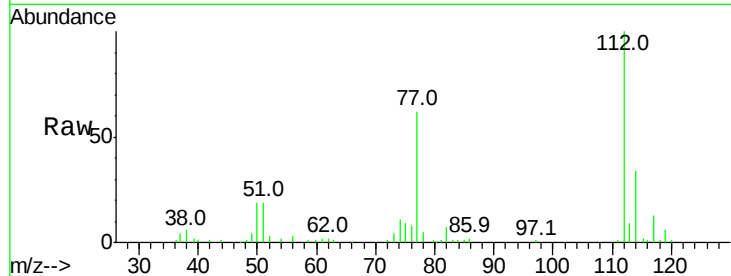




#65
Chlorobenzene
Concen: 5.006 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

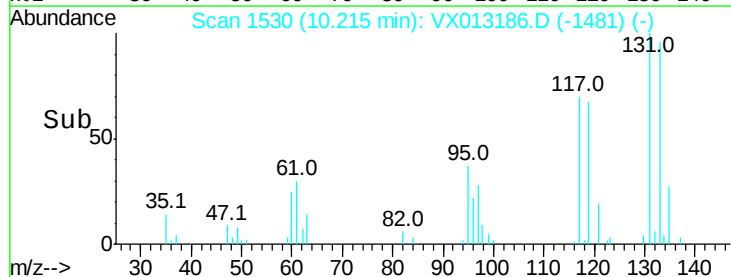
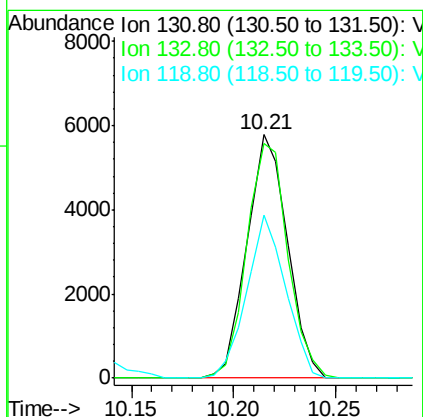
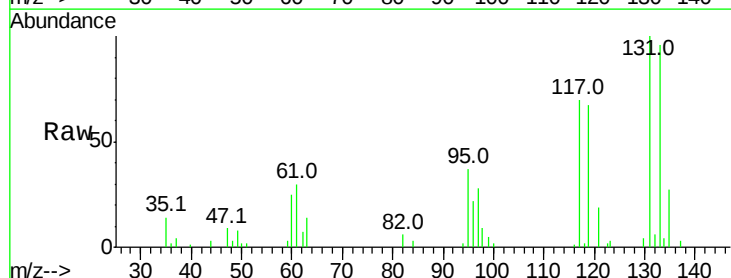
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

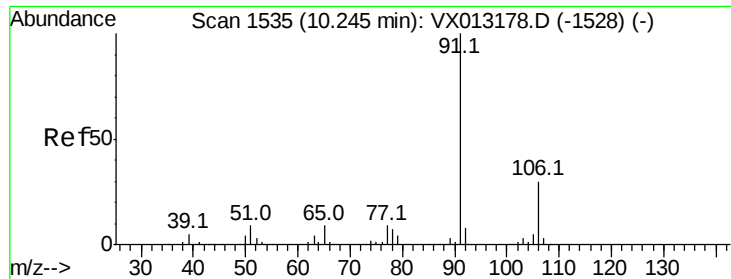
Tgt Ion:112 Resp: 23148
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.720 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion:131 Resp: 7994
Ion Ratio Lower Upper
131 100
133 97.7 47.3 141.9
119 64.6 31.6 94.8

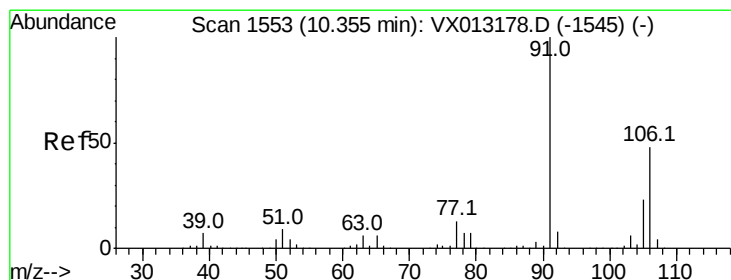
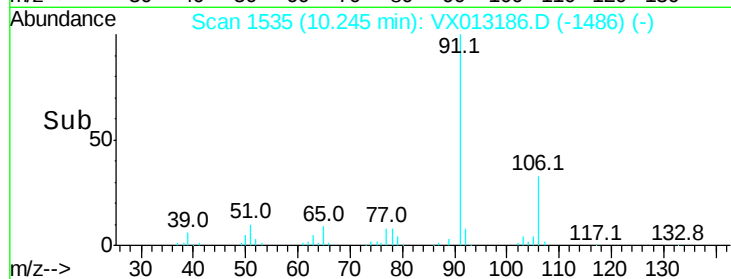
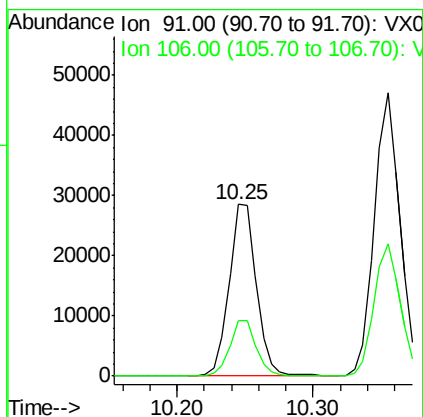
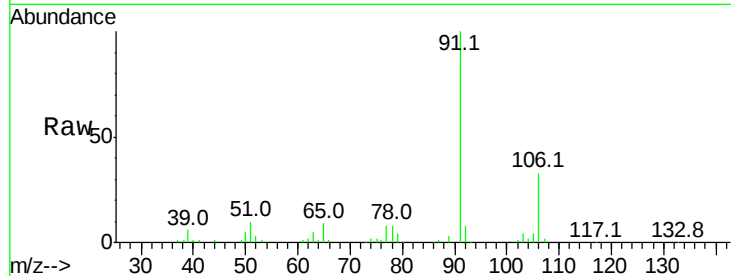




#67
Ethyl Benzene
Concen: 4.838 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

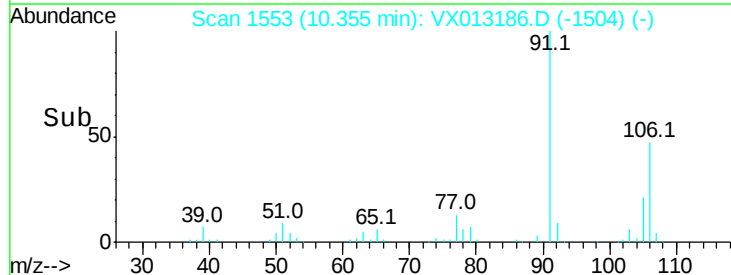
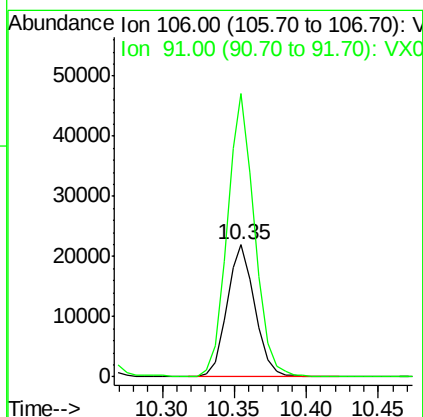
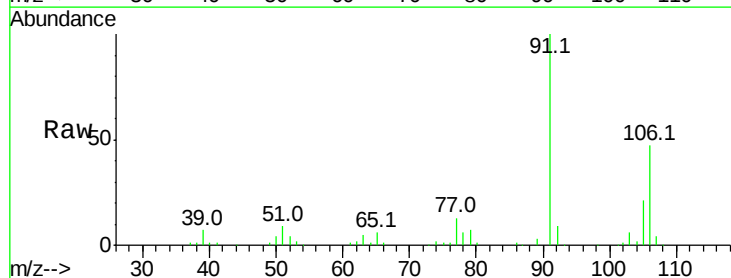
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

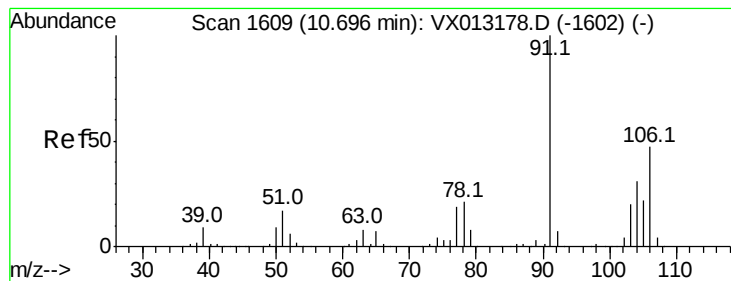
Tgt Ion: 91 Resp: 39988
Ion Ratio Lower Upper
91 100
106 32.6 24.4 36.6



#68
m/p-Xylenes
Concen: 9.583 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 106 Resp: 29940
Ion Ratio Lower Upper
106 100
91 207.1 166.3 249.5





#69

o-Xylene

Concen: 4.854 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

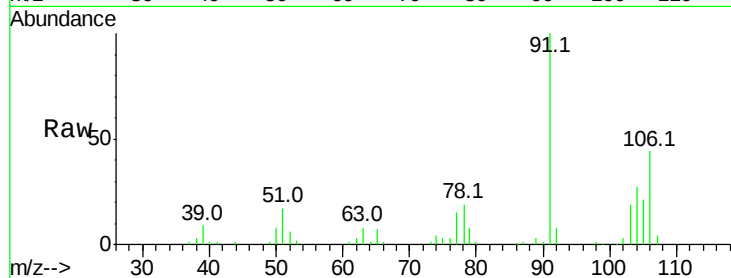
VSTDIC005

Tgt Ion:106 Resp: 14774

Ion Ratio Lower Upper

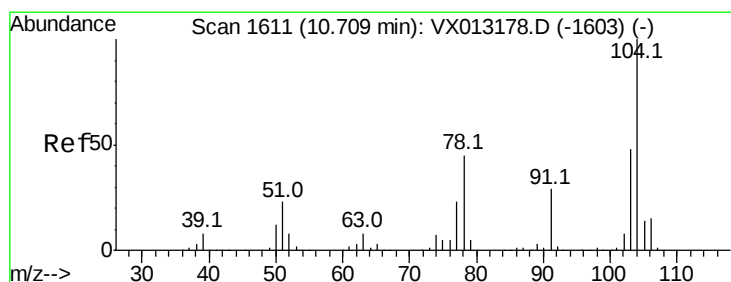
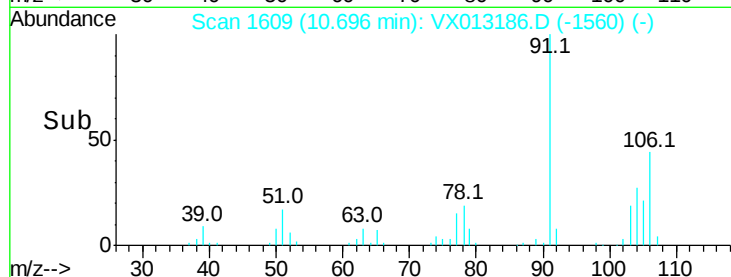
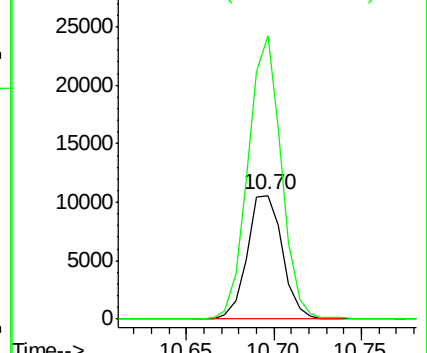
106 100

91 216.8 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 4.672 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

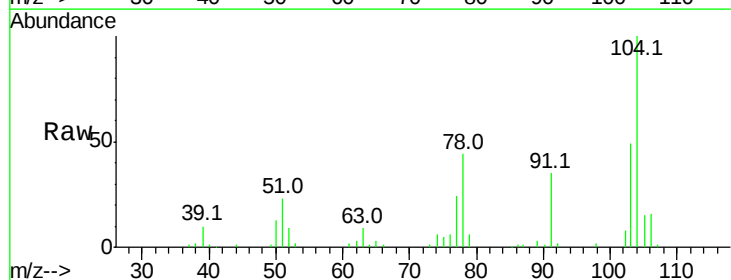
Tgt Ion:104 Resp: 23928

Ion Ratio Lower Upper

104 100

78 51.8 42.2 63.2

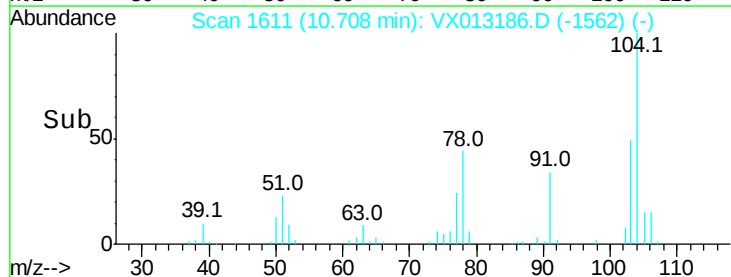
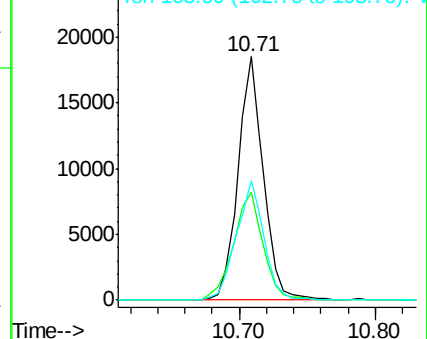
103 53.7 43.0 64.6

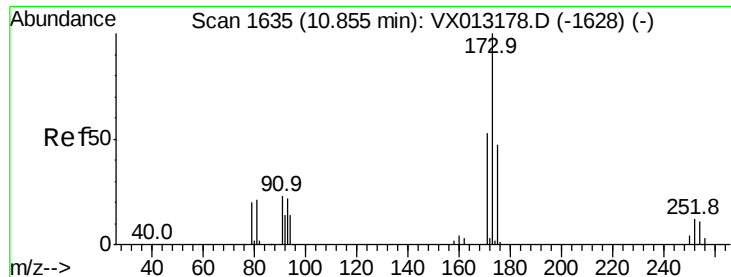


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.149 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

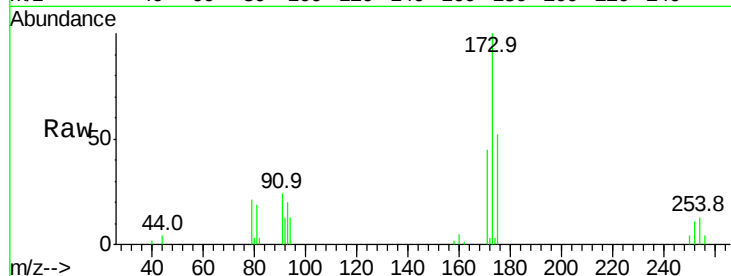
Tgt Ion:173 Resp: 5076

Ion Ratio Lower Upper

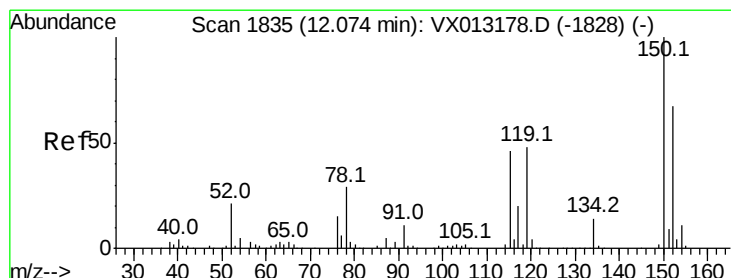
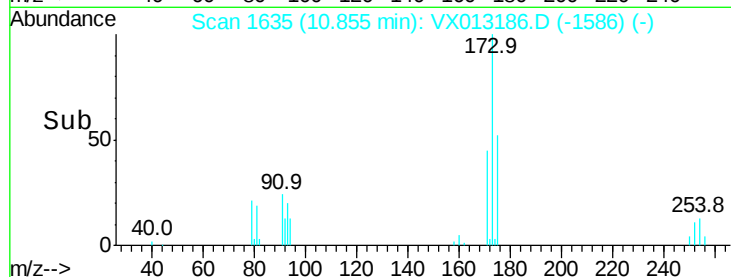
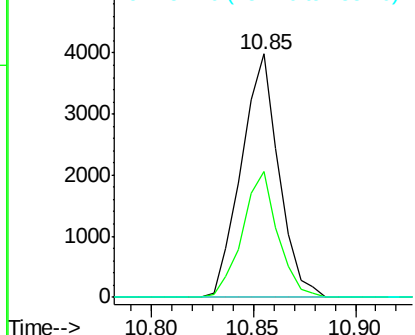
173 100

175 48.9 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

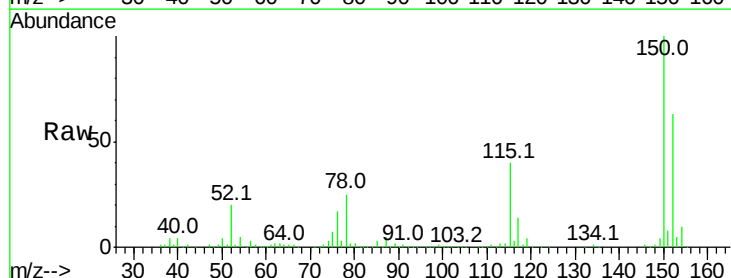
Tgt Ion:152 Resp: 88415

Ion Ratio Lower Upper

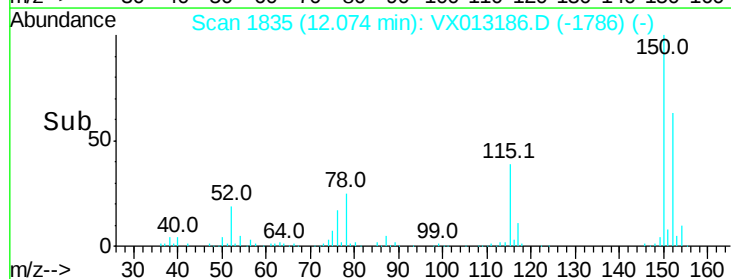
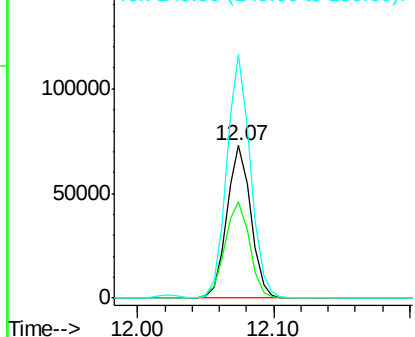
152 100

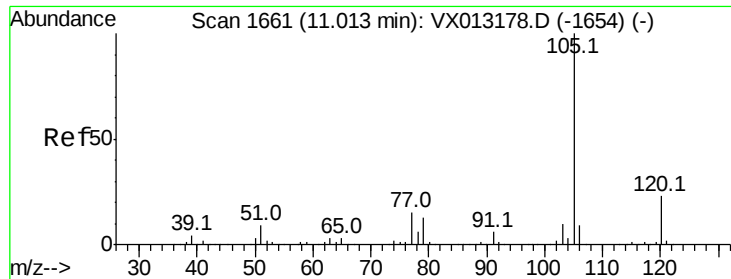
115 65.7 46.3 138.9

150 157.4 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: 5.086 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

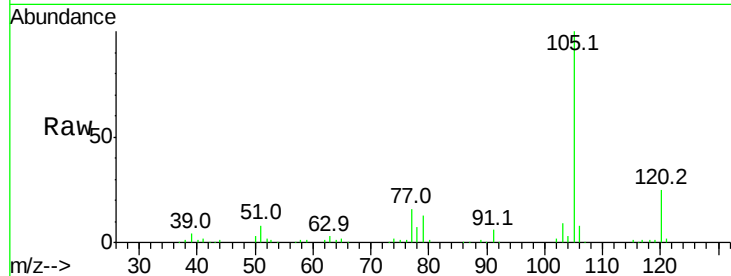
VSTDIC005

Tgt Ion:105 Resp: 40296

Ion Ratio Lower Upper

105 100

120 26.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

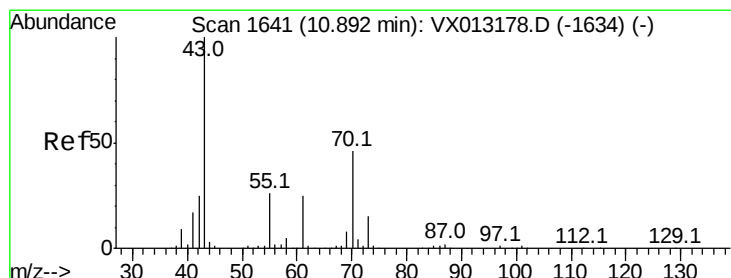
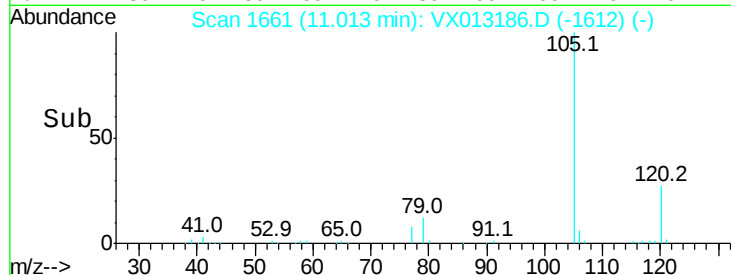
30000

20000

10000

0

Time-->



#74

N-ethyl acetate

Concen: 4.669 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Tgt Ion: 43 Resp: 13820

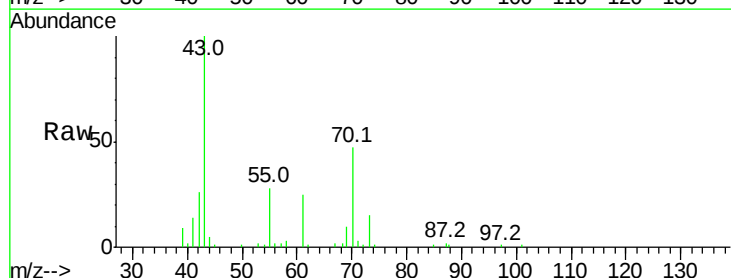
Ion Ratio Lower Upper

43 100

70 48.7 37.8 56.8

55 29.2 20.6 31.0

61 25.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

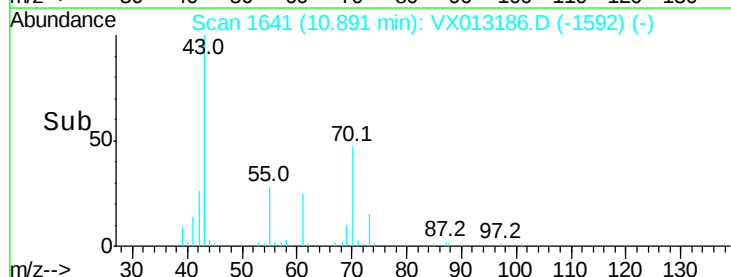
15000

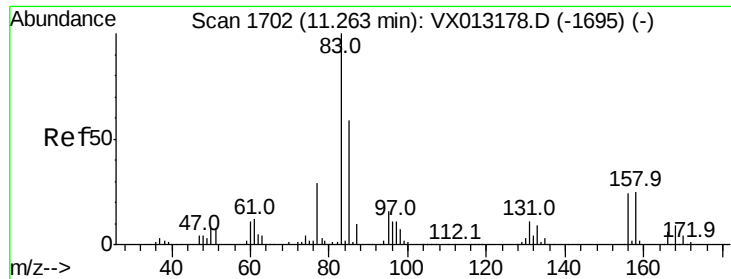
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.978 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

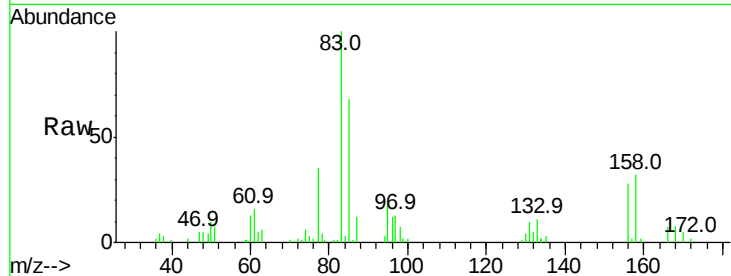
Tgt Ion: 83 Resp: 12214

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

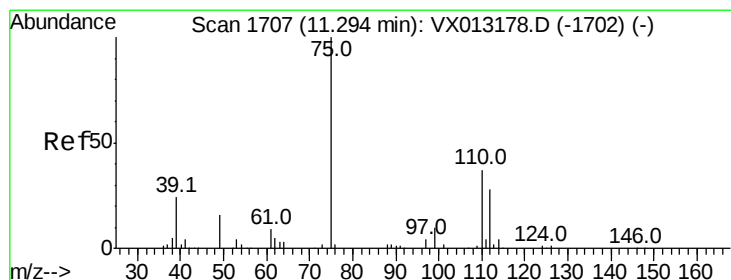
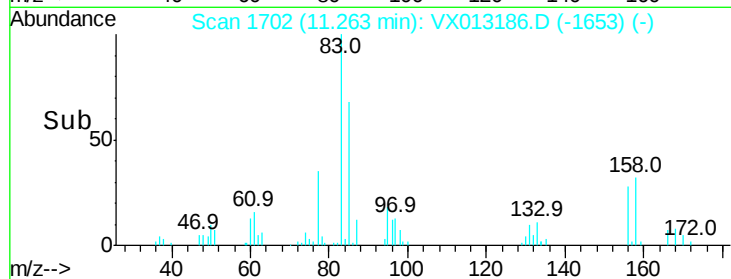
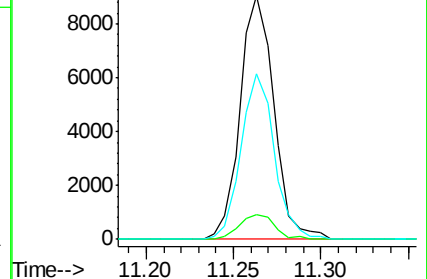
85 66.9 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.885 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013186.D

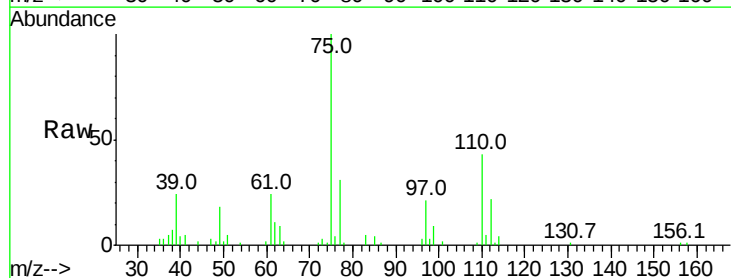
Acq: 23 Oct 2019 13:31

Tgt Ion: 75 Resp: 14094

Ion Ratio Lower Upper

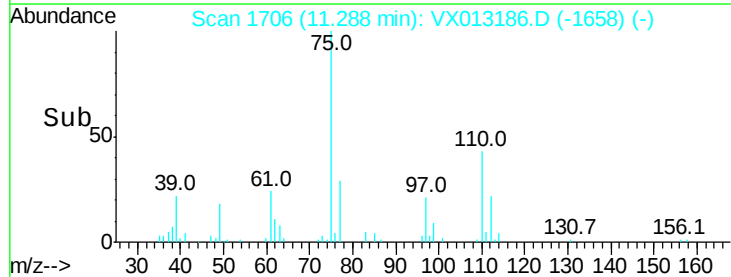
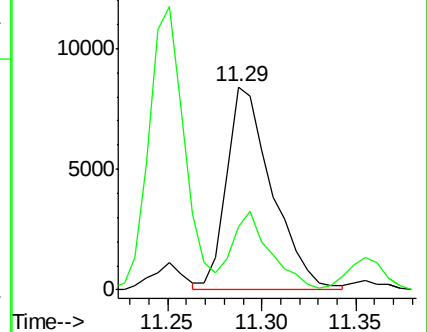
75 100

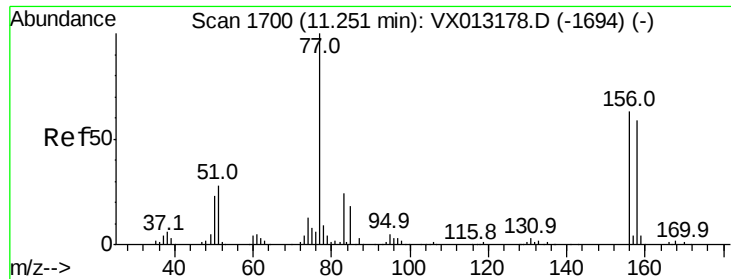
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.212 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

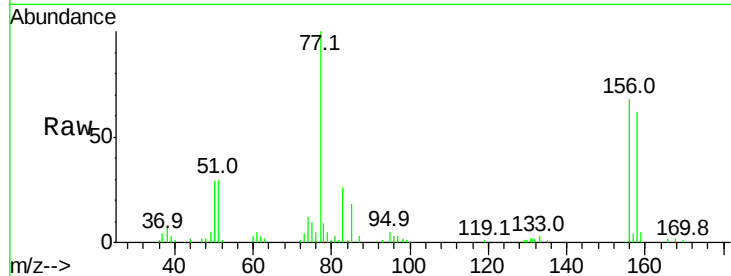
Tgt Ion:156 Resp: 9769

Ion Ratio Lower Upper

156 100

77 156.9 81.5 244.4

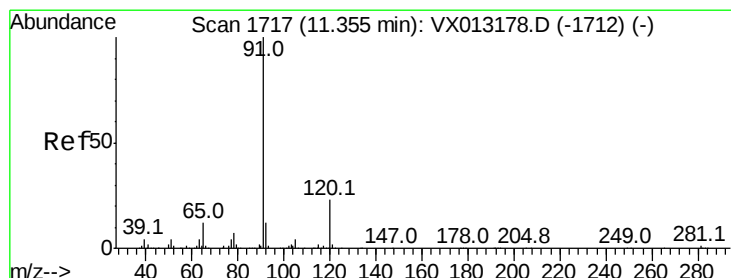
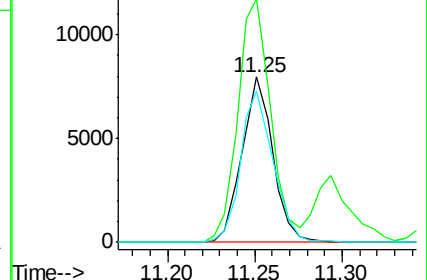
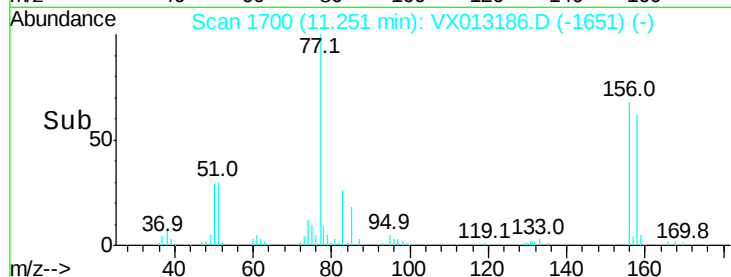
158 96.4 49.0 147.2



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: 4.931 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013186.D

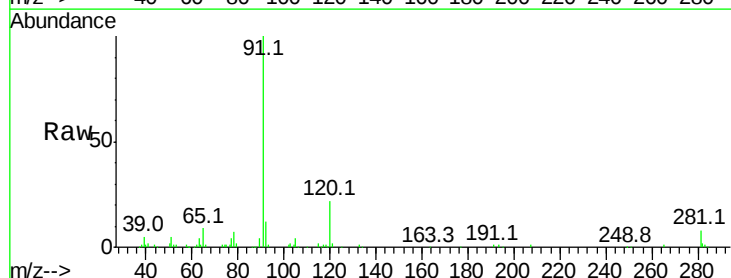
Acq: 23 Oct 2019 13:31

Tgt Ion: 91 Resp: 41859

Ion Ratio Lower Upper

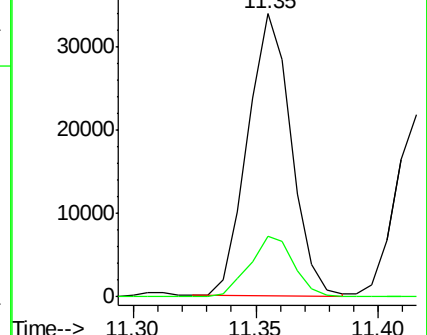
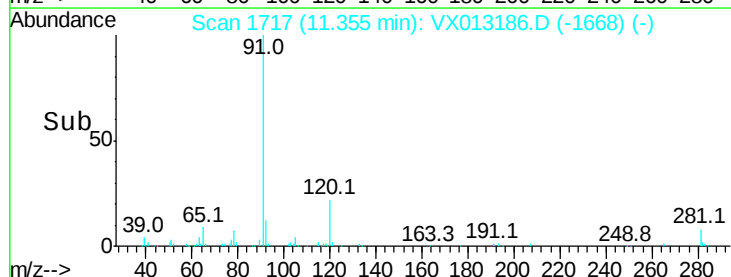
91 100

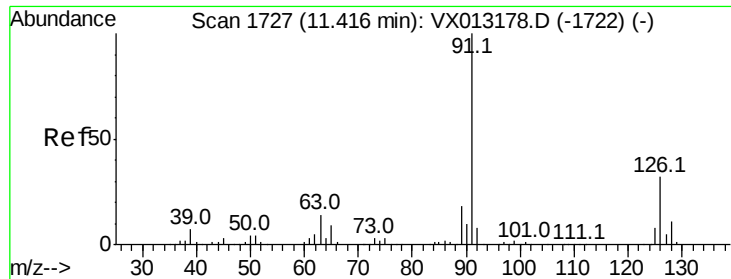
120 22.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.979 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

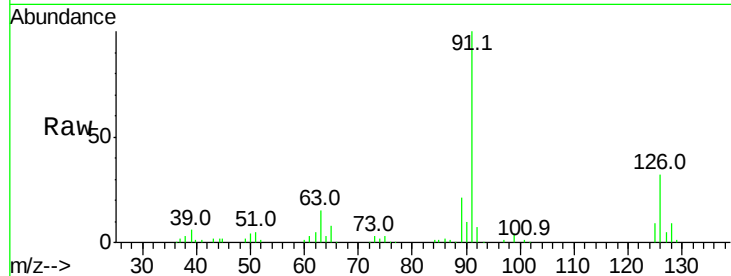
VSTDIC005

Tgt Ion: 91 Resp: 27196

Ion Ratio Lower Upper

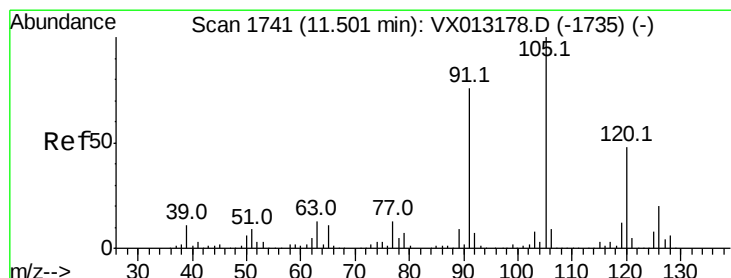
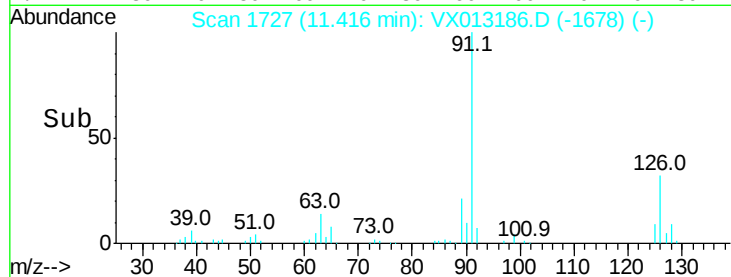
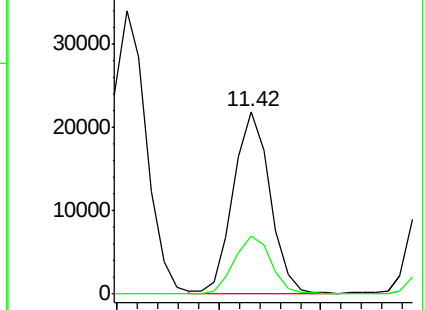
91 100

126 32.6 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX013186.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013186.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.806 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013186.D

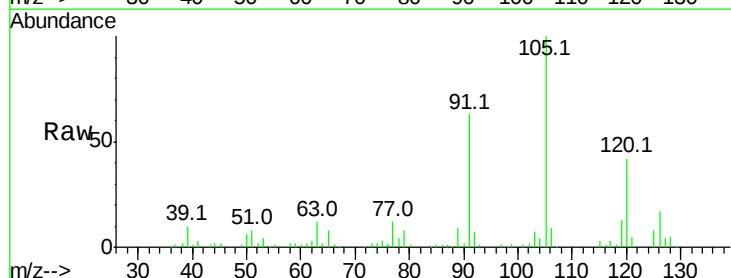
Acq: 23 Oct 2019 13:31

Tgt Ion: 105 Resp: 31860

Ion Ratio Lower Upper

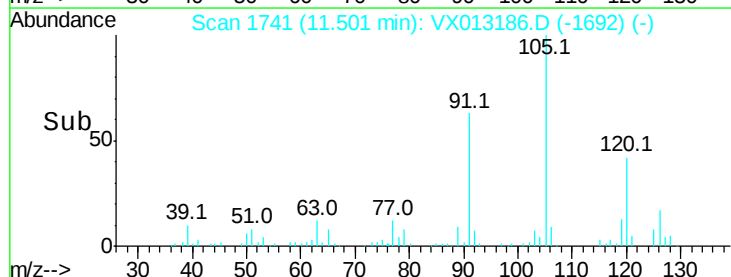
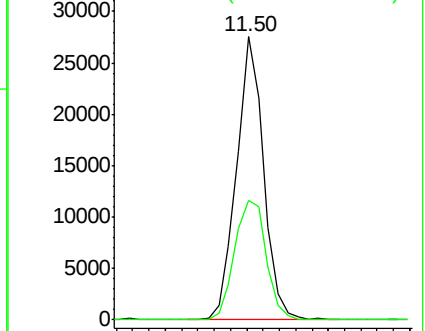
105 100

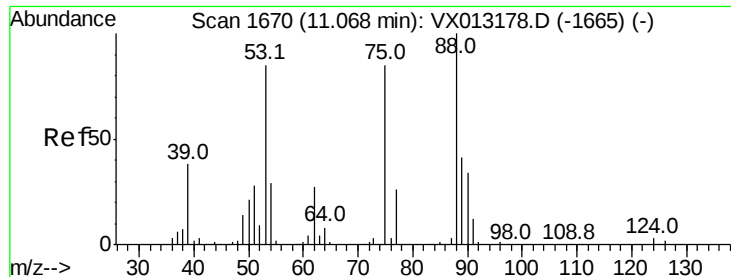
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX013186.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013186.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.096 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013186.D

Acq: 23 Oct 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

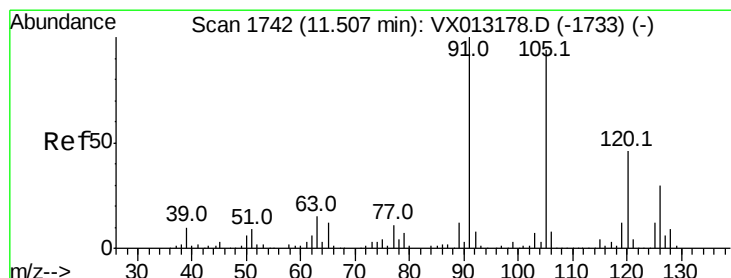
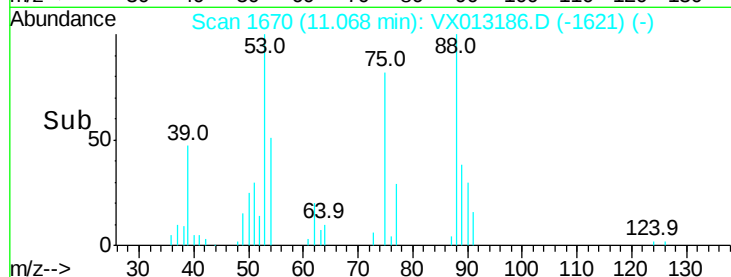
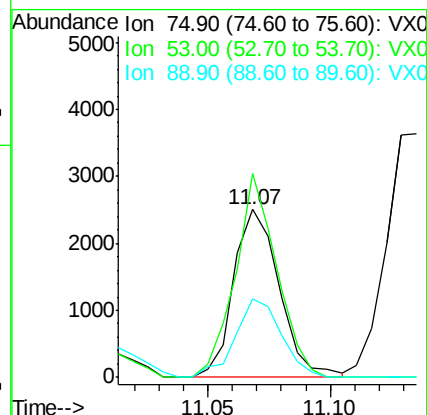
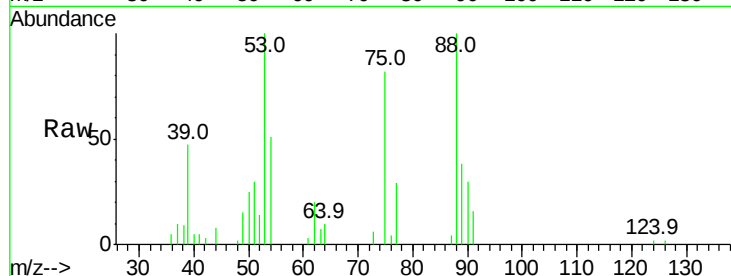
Tgt Ion: 75 Resp: 3279

Ion Ratio Lower Upper

75 100

53 109.4 76.0 114.0

89 46.7 37.7 56.5



#82

4-Chlorotoluene

Concen: 4.864 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013186.D

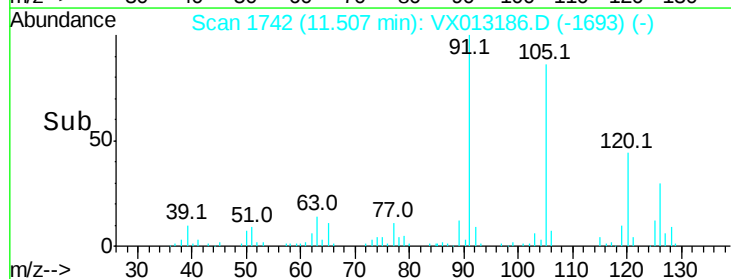
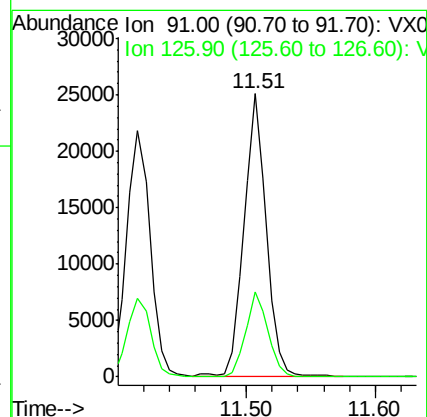
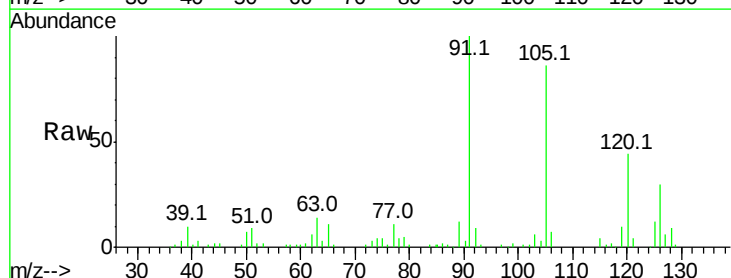
Acq: 23 Oct 2019 13:31

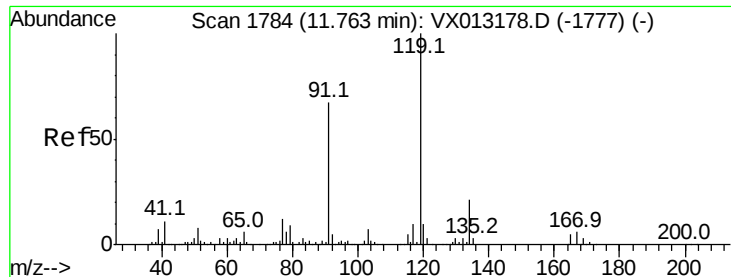
Tgt Ion: 91 Resp: 30285

Ion Ratio Lower Upper

91 100

126 29.5 14.5 43.6

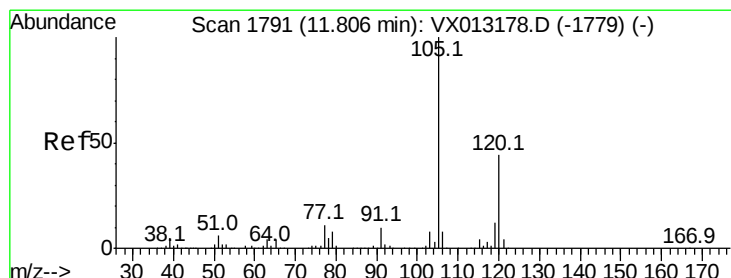
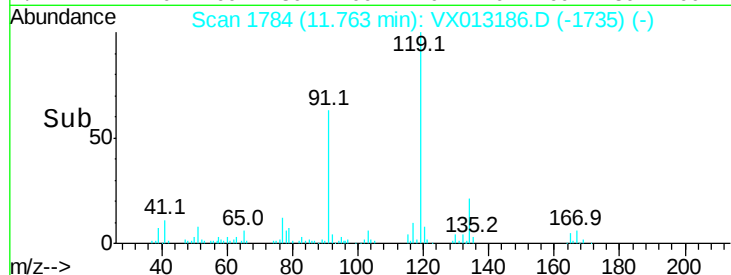
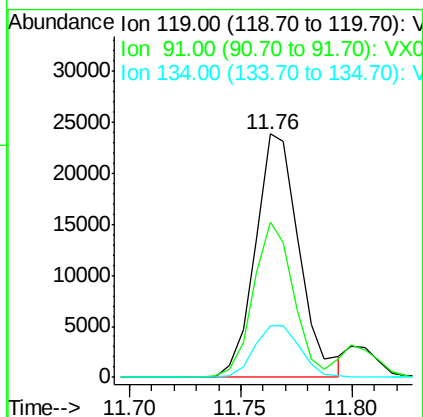
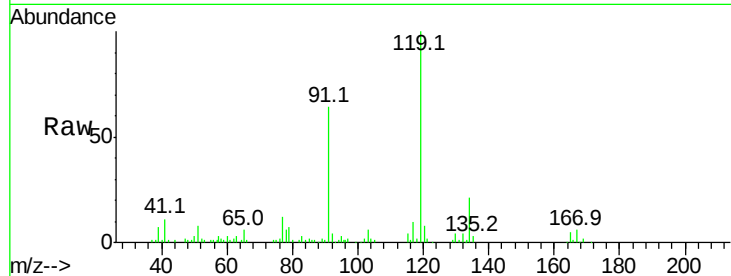




#83
 tert-Butylbenzene
 Concen: 5.041 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

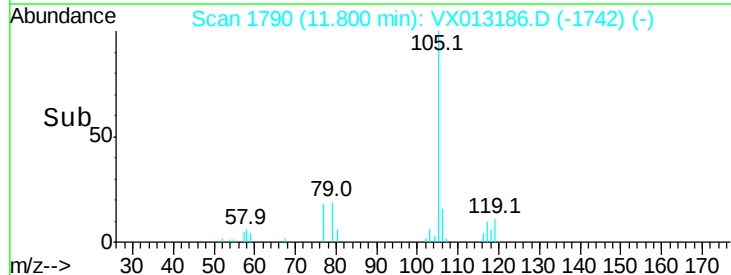
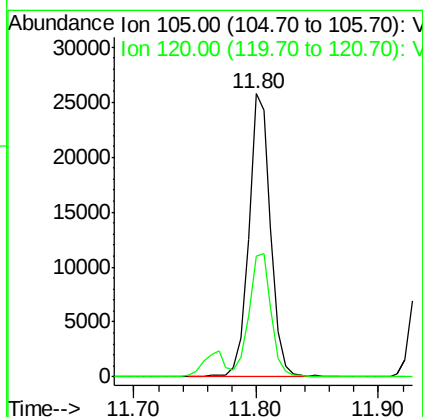
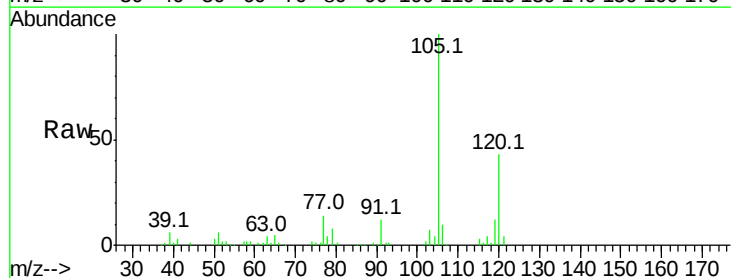
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

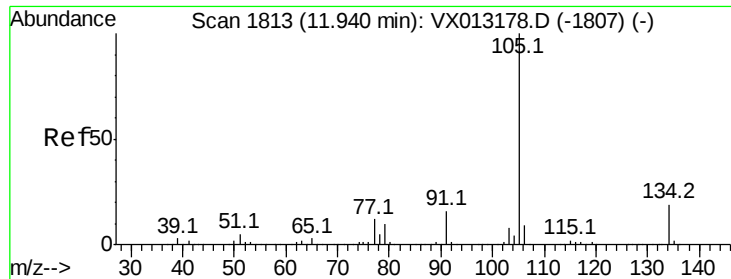
Tgt Ion:119 Resp: 32640
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.4 91.2
 134 22.1 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.673 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion:105 Resp: 31750
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 64.8

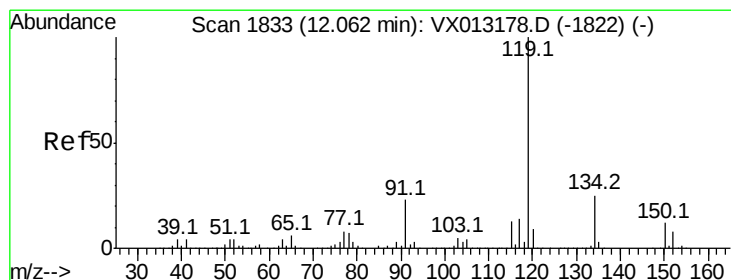
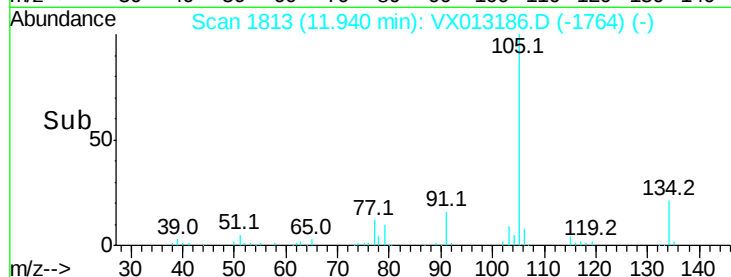
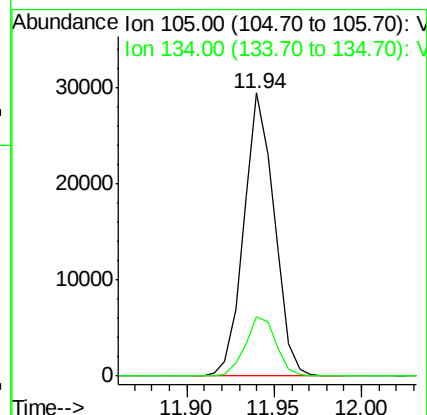
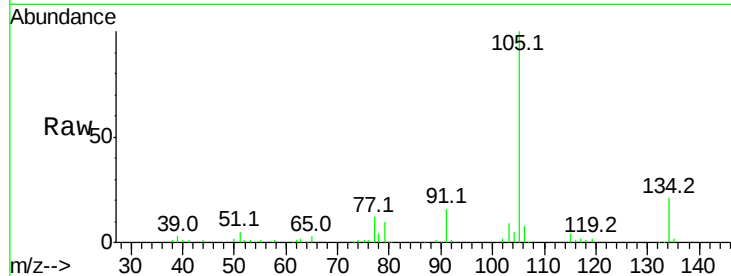




#85
 sec-Butylbenzene
 Concen: 4.775 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

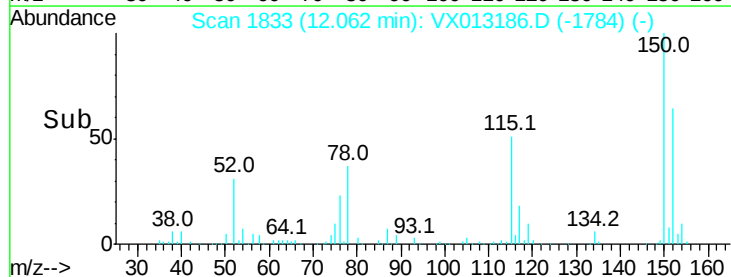
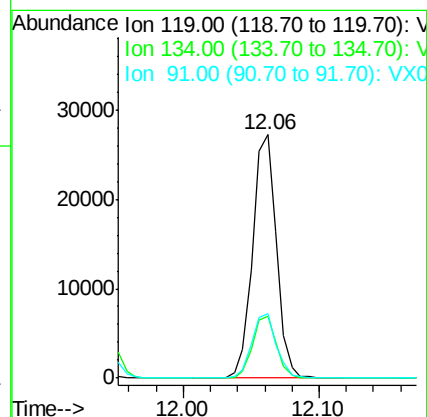
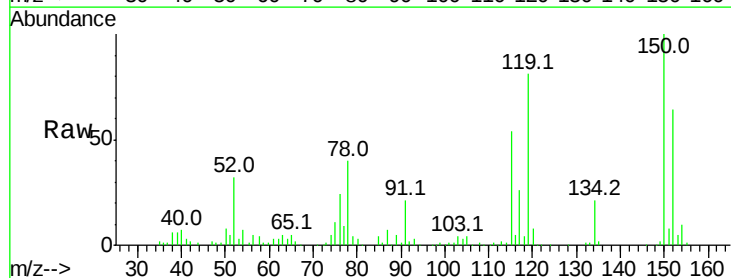
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

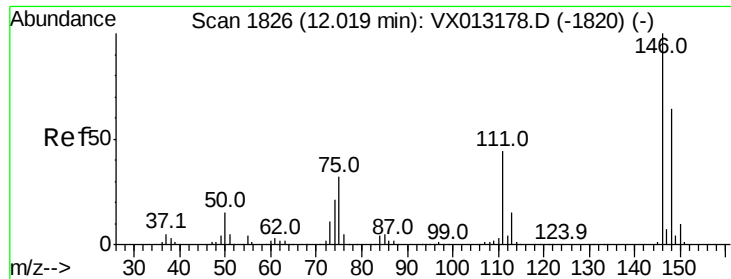
Tgt Ion:105 Resp: 35577
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.777 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion:119 Resp: 33457
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.3 36.9
 91 27.2 12.4 37.0

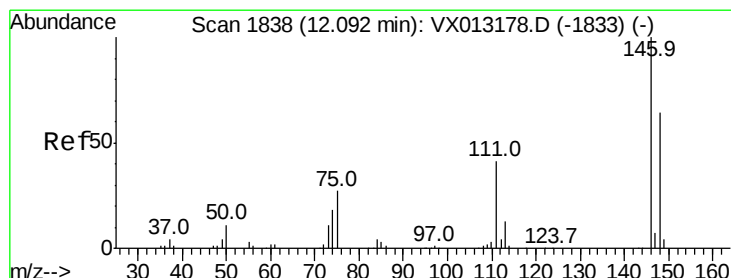
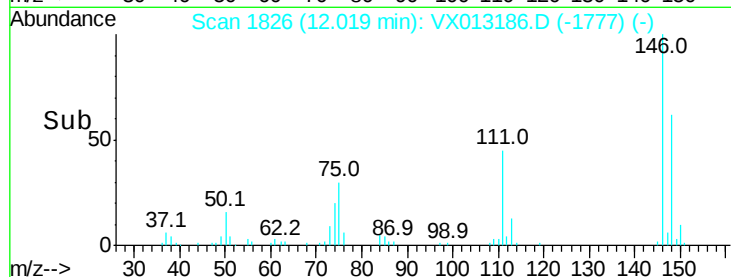
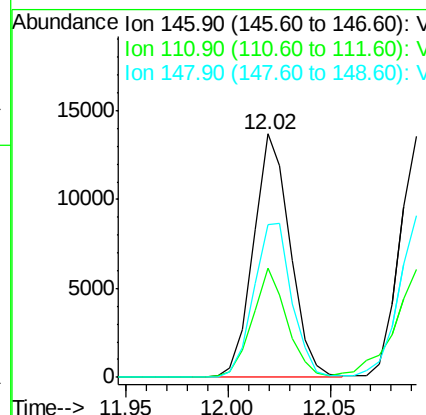
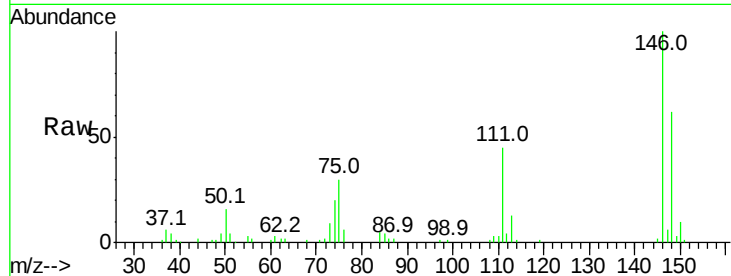




#87
 1,3-Dichlorobenzene
 Concen: 4.896 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

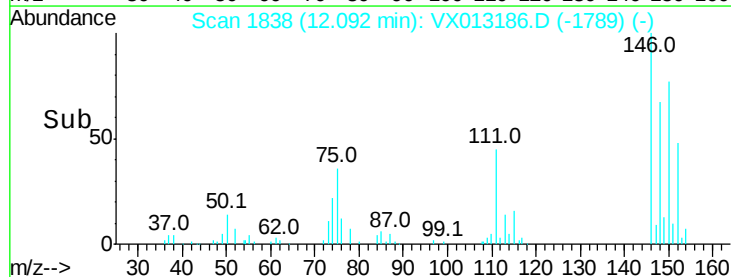
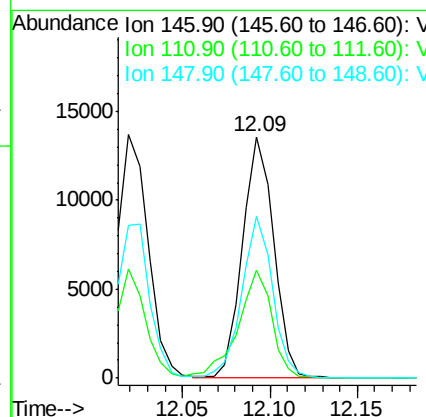
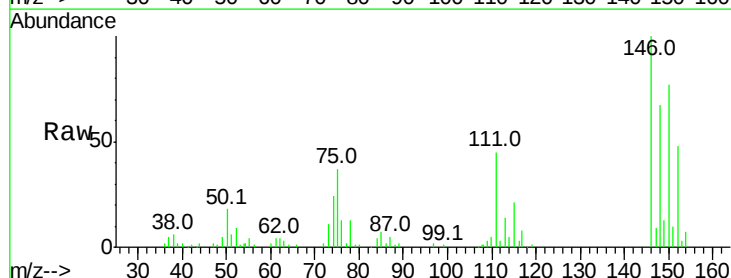
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

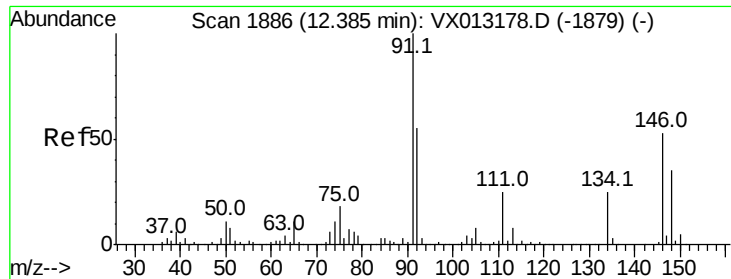
Tgt Ion:146 Resp: 17120
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.6 64.8
 148 65.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 4.784 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion:146 Resp: 16984
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.1 63.1
 148 66.4 32.5 97.5

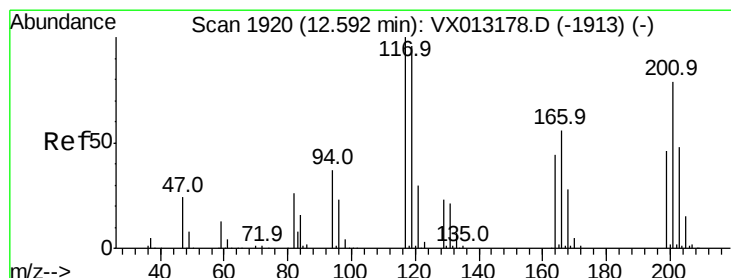
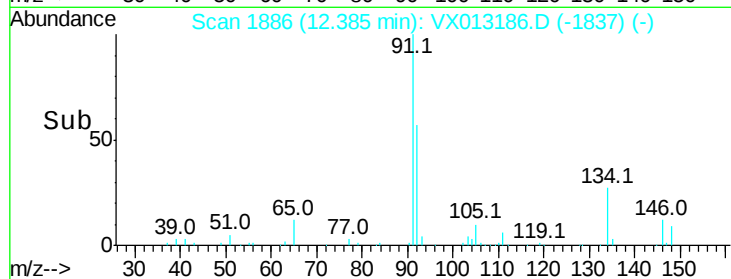
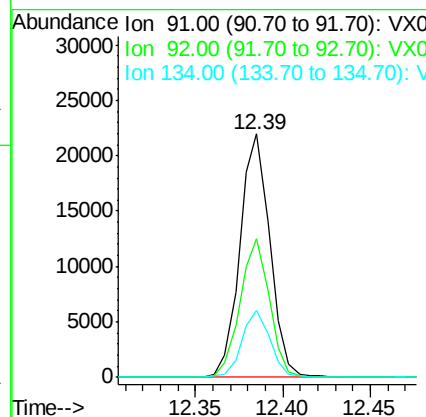
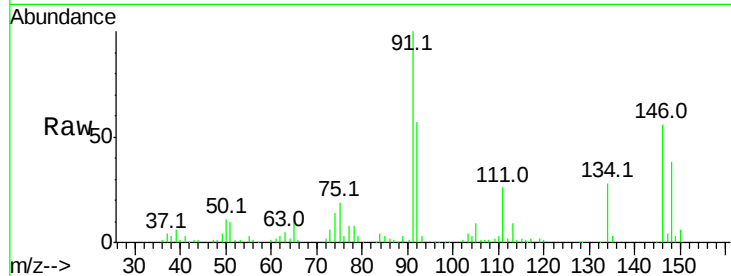




#89
n-Butylbenzene
Concen: 4.515 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

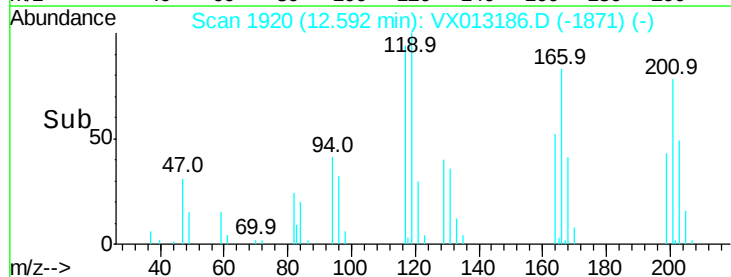
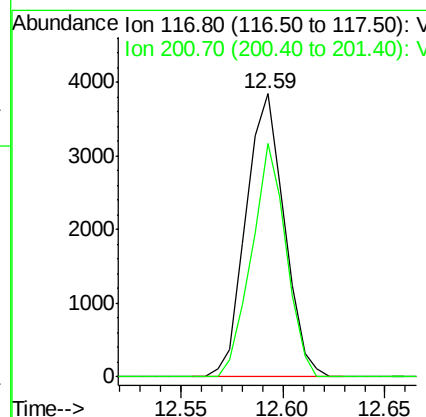
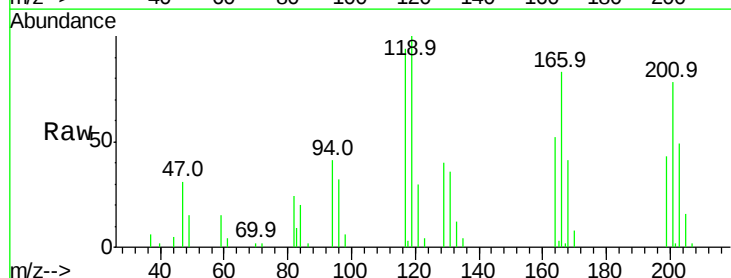
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

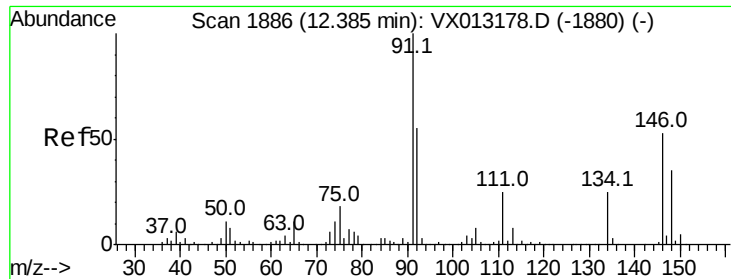
Tgt Ion: 91 Resp: 26147
Ion Ratio Lower Upper
91 100
92 56.0 27.3 81.8
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 4.225 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion: 117 Resp: 5036
Ion Ratio Lower Upper
117 100
201 73.9 38.5 115.3

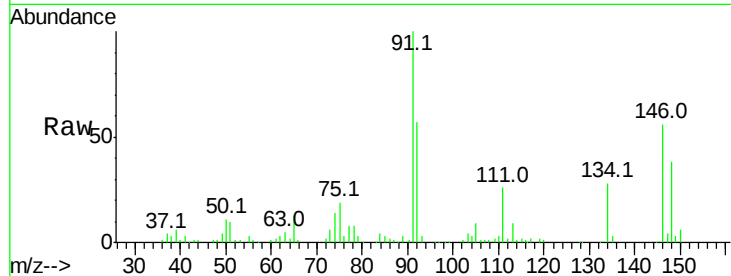




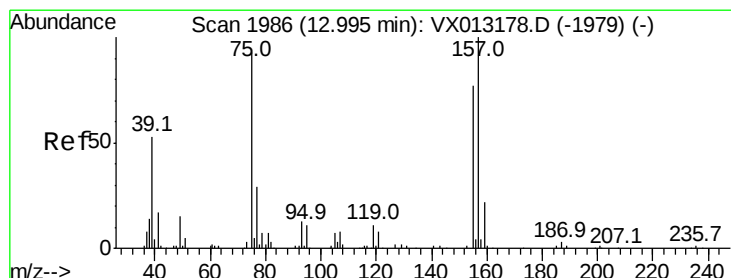
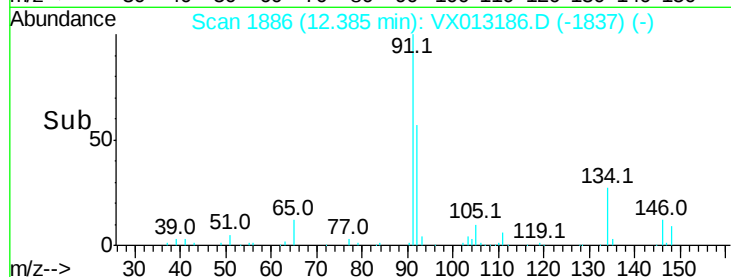
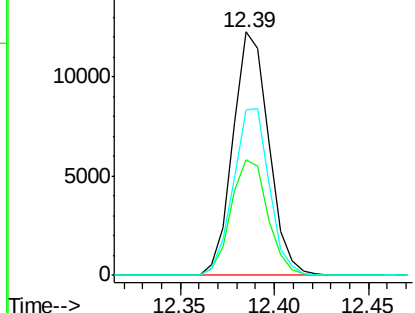
#91
 1,2-Dichlorobenzene
 Concen: 4.757 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 16172
 Ion Ratio Lower Upper
 146 100
 111 48.6 22.4 67.0
 148 68.5 32.4 97.0

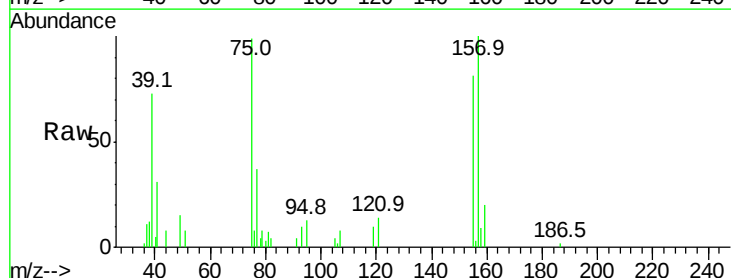


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

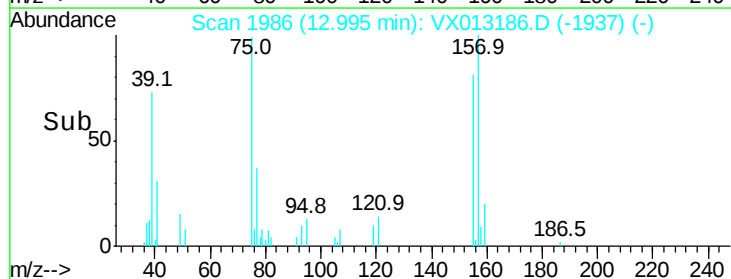
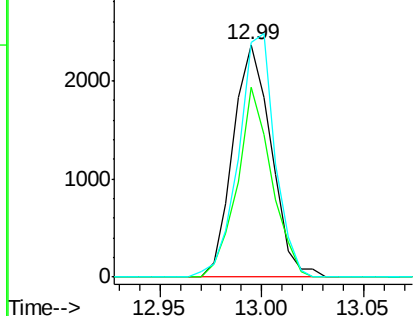


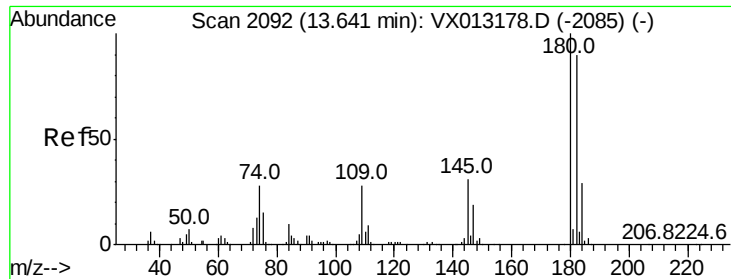
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.175 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion: 75 Resp: 3067
 Ion Ratio Lower Upper
 75 100
 155 73.2 42.4 127.2
 157 99.9 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

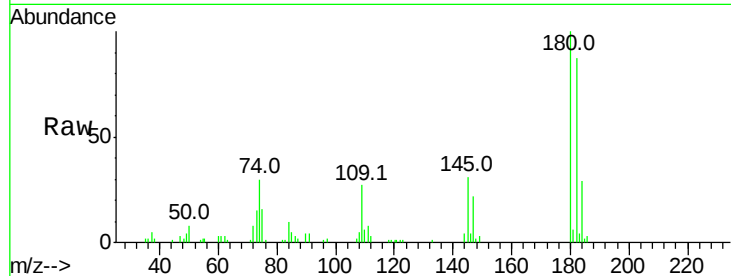




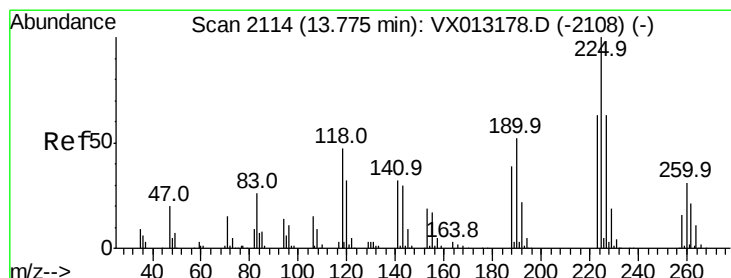
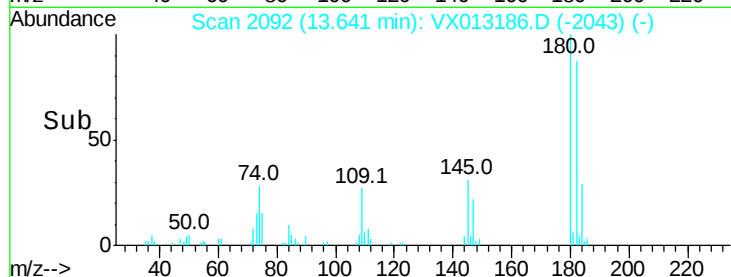
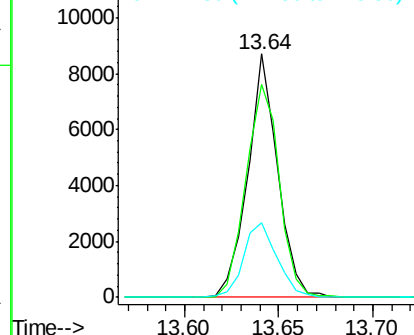
#93
 1,2,4-Trichlorobenzene
 Concen: 4.447 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 9597
 Ion Ratio Lower Upper
 180 100
 182 96.9 46.3 138.9
 145 34.0 16.4 49.2

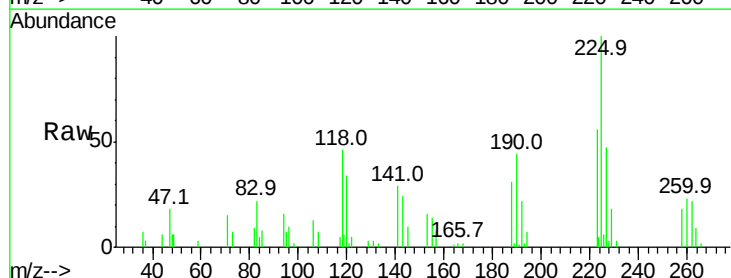


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

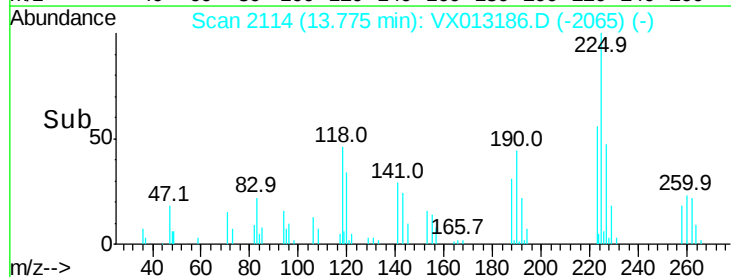
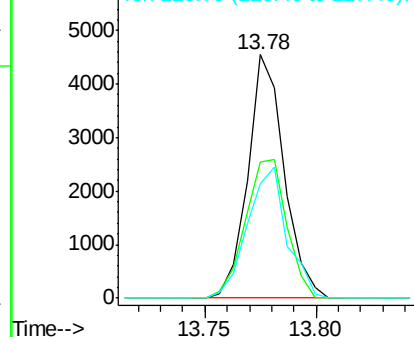


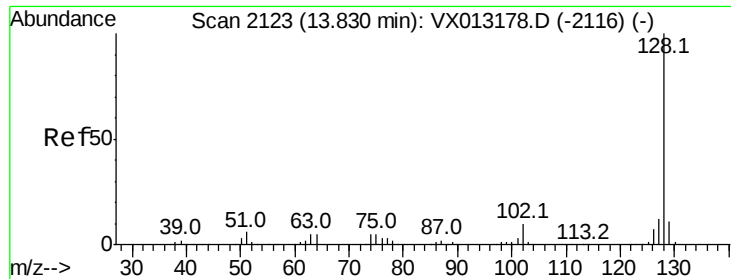
#94
 Hexachlorobutadiene
 Concen: 4.722 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013186.D
 Acq: 23 Oct 2019 13:31

Tgt Ion:225 Resp: 5166
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.0 96.2
 227 58.5 33.0 98.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

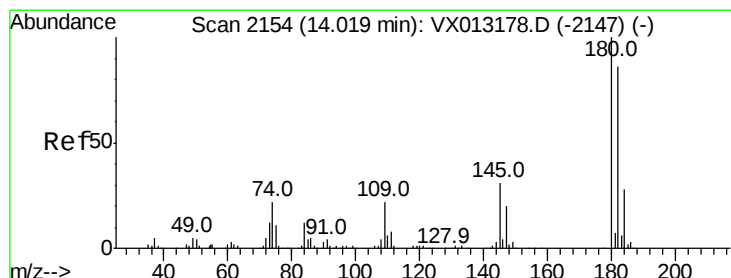
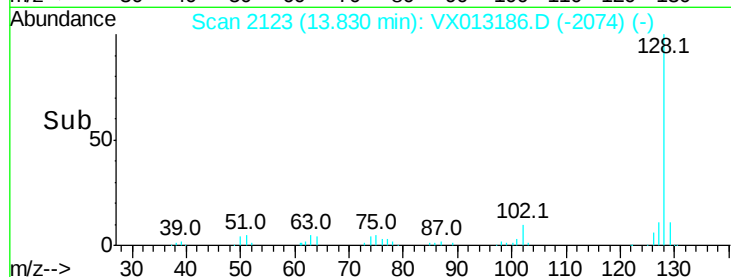
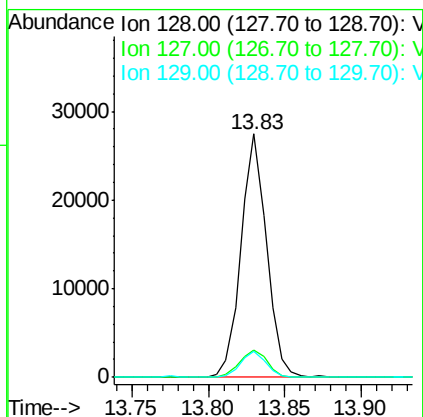
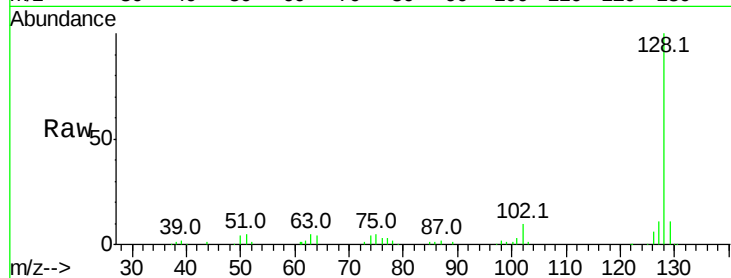




#95
Naphthalene
Concen: 4.712 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 31788
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.506 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013186.D
Acq: 23 Oct 2019 13:31

Tgt Ion:180 Resp: 9765
Ion Ratio Lower Upper
180 100
182 102.3 48.1 144.4
145 35.5 17.1 51.3

