

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012778.D
 Acq On : 03 Oct 2019 13:07
 Operator : JC/SP
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Quant Time: Oct 04 06:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113606	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	5.48	113	88680	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	330561	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	128430	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	31075	15.945	ug/l 99
3) Chloromethane	1.32	50	35878	16.032	ug/l 97
4) Vinyl Chloride	1.40	62	36184	16.267	ug/l 93
5) Bromomethane	1.63	94	16950	19.381	ug/l 91
6) Chloroethane	1.72	64	22882	15.260	ug/l 98
7) Trichlorofluoromethane	1.92	101	53009	16.974	ug/l 100
8) Diethyl Ether	2.18	74	21306	16.647	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35504	18.665	ug/l 98
10) Methyl Iodide	2.50	142	24657	16.039	ug/l 94
11) Tert butyl alcohol	3.03	59	53337	84.638	ug/l 99
12) 1,1-Dichloroethene	2.36	96	33817	18.156	ug/l 95
13) Acrolein	2.28	56	22139	70.717	ug/l 96
14) Allyl chloride	2.72	41	60194	16.289	ug/l 96
15) Acrylonitrile	3.13	53	108860	85.147	ug/l 98
16) Acetone	2.43	43	105199	78.729	ug/l 93
17) Carbon Disulfide	2.56	76	79535	15.232	ug/l 98
18) Methyl Acetate	2.76	43	55595	17.670	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	126206	17.901	ug/l 99
20) Methylene Chloride	2.84	84	40377	17.866	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	36099	17.494	ug/l 94
22) Diisopropyl ether	3.84	45	127031	17.790	ug/l 97
23) Vinyl Acetate	3.80	43	526214	84.034	ug/l 98
24) 1,1-Dichloroethane	3.69	63	70233	18.095	ug/l 97
25) 2-Butanone	4.65	43	154012	80.385	ug/l 96
26) 2,2-Dichloropropane	4.57	77	56922	16.489	ug/l 96
27) cis-1,2-Dichloroethene	4.58	96	43242	18.060	ug/l 92
28) Bromochloromethane	5.00	49	27253	19.337	ug/l 95
29) Tetrahydrofuran	5.12	42	96465	82.607	ug/l 96
30) Chloroform	5.19	83	71060	17.895	ug/l 96
31) Cyclohexane	5.57	56	60271	17.164	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	61641	17.515	ug/l 98
36) 1,1-Dichloropropene	5.78	75	50073	17.848	ug/l 95
37) Ethyl Acetate	4.82	43	57339	17.482	ug/l 97
38) Carbon Tetrachloride	5.77	117	51886	18.206	ug/l 99

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 ALS Vial : 4 Sample Multiplier: 1

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 MSVOA_X
 ClientSampleId :
 VX1003WBS01

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	60047	17.779	ug/l	96
40) Benzene	6.13	78	156845	19.001	ug/l	97
41) Methacrylonitrile	5.03	41	32390	17.601	ug/l	94
42) 1,2-Dichloroethane	6.18	62	58393	18.629	ug/l	98
43) Isopropyl Acetate	6.43	43	93915	17.122	ug/l	97
44) Trichloroethene	7.21	130	40838	19.352	ug/l	93
45) 1,2-Dichloropropane	7.51	63	40804	19.308	ug/l	96
46) Dibromomethane	7.65	93	26462	18.390	ug/l	98
47) Bromodichloromethane	7.89	83	52090	18.113	ug/l	98
48) Methyl methacrylate	7.76	41	44784	17.028	ug/l	93
49) 1,4-Dioxane	7.73	88	20973	351.575	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	298140	88.055	ug/l	96
52) Toluene	8.78	92	100963	19.461	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	56339	17.707	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62376	17.955	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	40599	19.683	ug/l	99
56) Ethyl methacrylate	9.17	69	61497	17.747	ug/l	92
57) 1,3-Dichloropropane	9.37	76	68141	18.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	156223	100.436	ug/l	100
59) 2-Hexanone	9.48	43	223948	86.411	ug/l	95
60) Dibromochloromethane	9.58	129	38831	18.597	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42550	19.822	ug/l	98
64) Tetrachloroethene	9.33	164	38562	21.089	ug/l	94
65) Chlorobenzene	10.14	112	105096	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37226	18.604	ug/l	97
67) Ethyl Benzene	10.24	91	187683	18.737	ug/l	98
68) m/p-Xylenes	10.35	106	141172	37.623	ug/l	98
69) o-Xylene	10.70	106	67834	18.683	ug/l	100
70) Styrene	10.71	104	117619	19.324	ug/l	97
71) Bromoform	10.85	173	24919	17.885	ug/l #	97
73) Isopropylbenzene	11.01	105	186047	18.871	ug/l	100
74) N-amyl acetate	10.89	43	75783	16.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	59903	18.346	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67881	21.199	ug/l	87
77) Bromobenzene	11.25	156	42466	19.031	ug/l	96
78) n-propylbenzene	11.35	91	202535	18.247	ug/l	100
79) 2-Chlorotoluene	11.42	91	122143	17.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157757	19.081	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	16799	15.035	ug/l	99
82) 4-Chlorotoluene	11.51	91	141395	17.913	ug/l	100
83) tert-Butylbenzene	11.76	119	145258	18.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	156790	18.799	ug/l	99
85) sec-Butylbenzene	11.94	105	174876	18.852	ug/l	99
86) p-Isopropyltoluene	12.06	119	159581	19.066	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78922	19.654	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	77060	18.991	ug/l	99
89) n-Butylbenzene	12.38	91	130904	17.748	ug/l	100
90) Hexachloroethane	12.59	117	24952	16.721	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	76969	19.145	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13390	16.394	ug/l	97

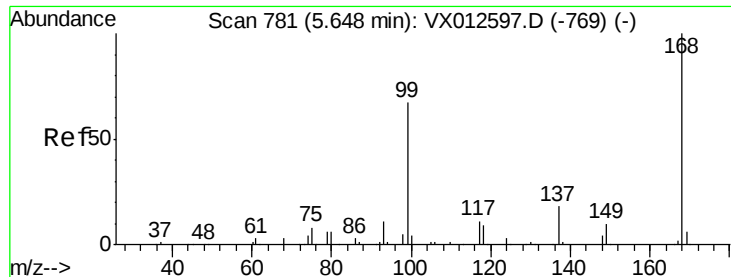
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45551	18.579	ug/l	98
94) Hexachlorobutadiene	13.78	225	20218	19.169	ug/l	99
95) Naphthalene	13.83	128	161360	18.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	45832	18.661	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

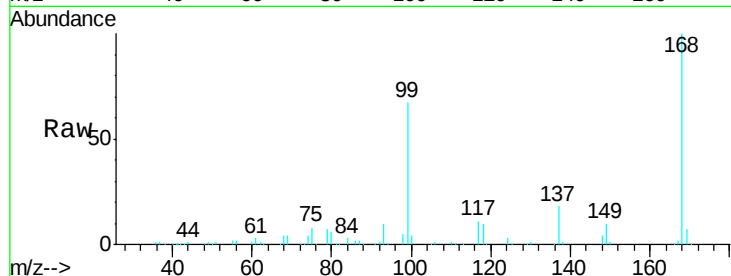
VX1003WBS01

Tgt Ion:168 Resp: 173237

Ion Ratio Lower Upper

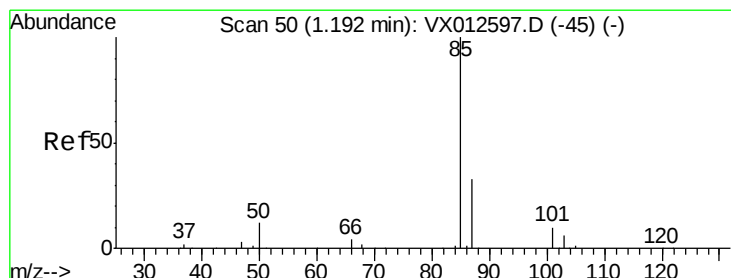
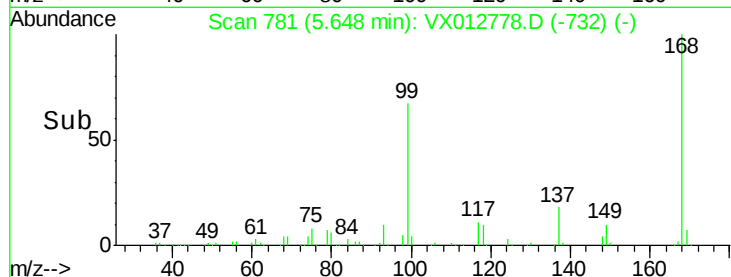
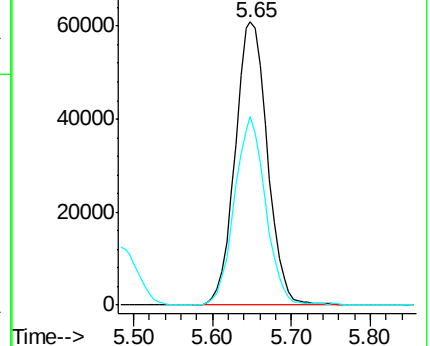
168 100

99 66.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.945 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012778.D

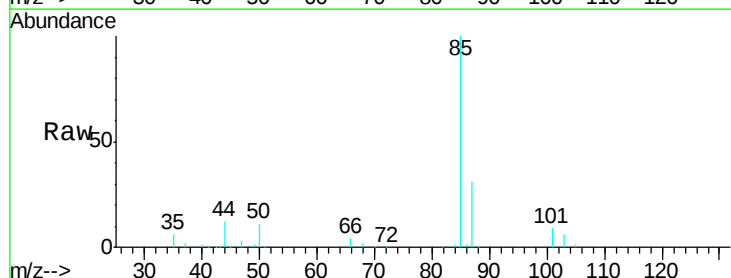
Acq: 03 Oct 2019 13:07

Tgt Ion: 85 Resp: 31075

Ion Ratio Lower Upper

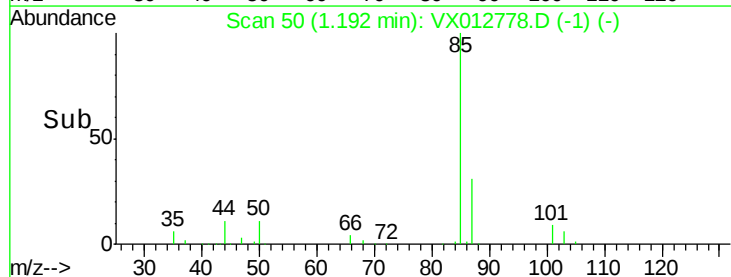
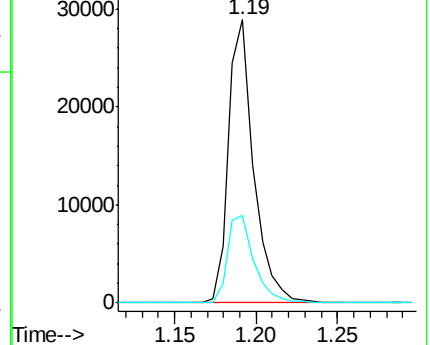
85 100

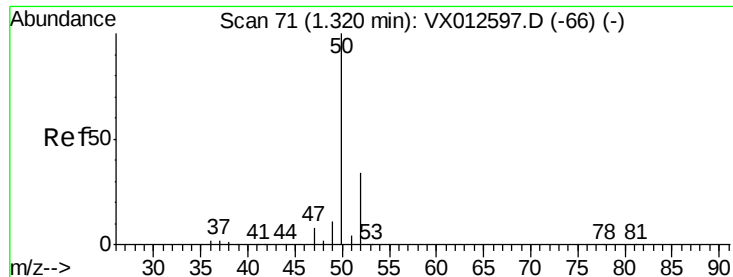
87 30.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.032 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

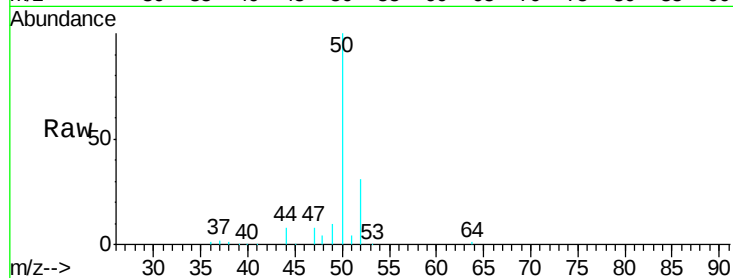
VX1003WBS01

Tgt Ion: 50 Resp: 35878

Ion Ratio Lower Upper

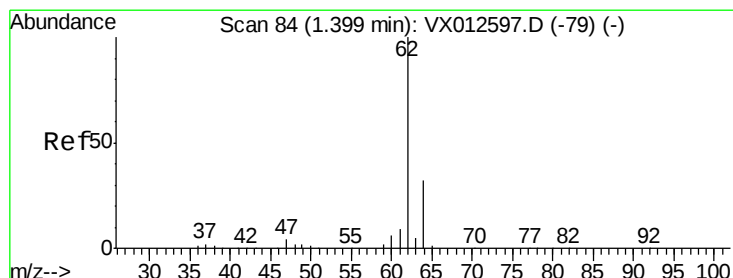
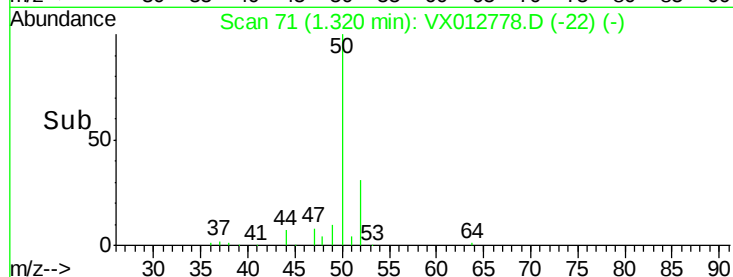
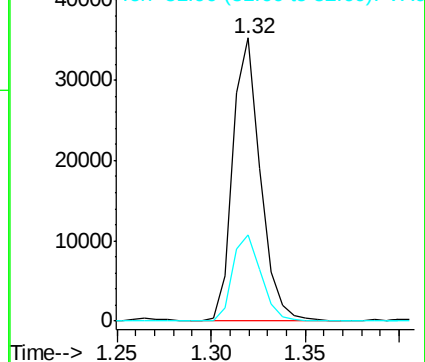
50 100

52 30.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.267 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012778.D

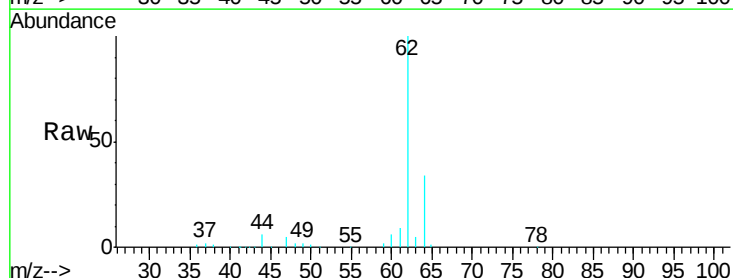
Acq: 03 Oct 2019 13:07

Tgt Ion: 62 Resp: 36184

Ion Ratio Lower Upper

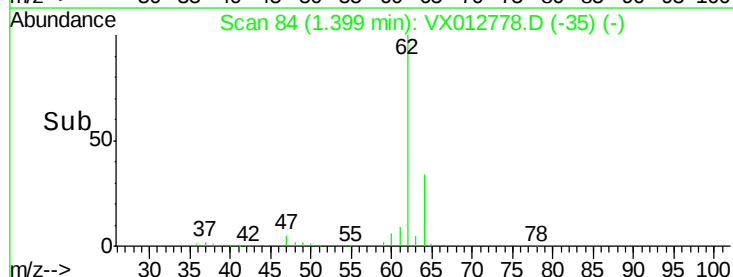
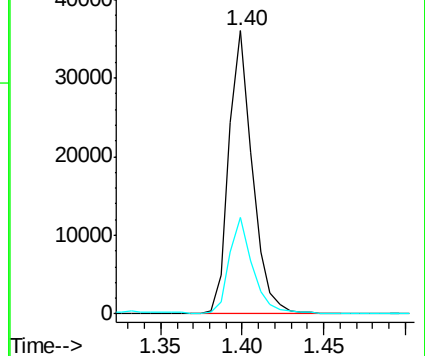
62 100

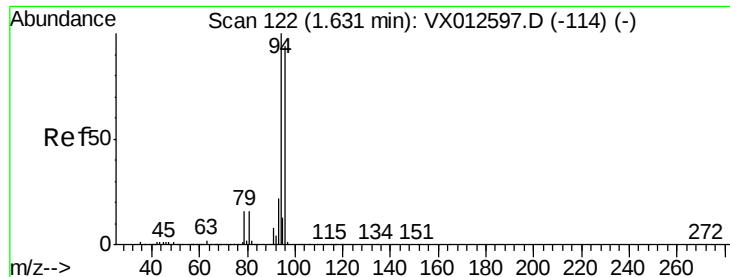
64 34.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.381 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

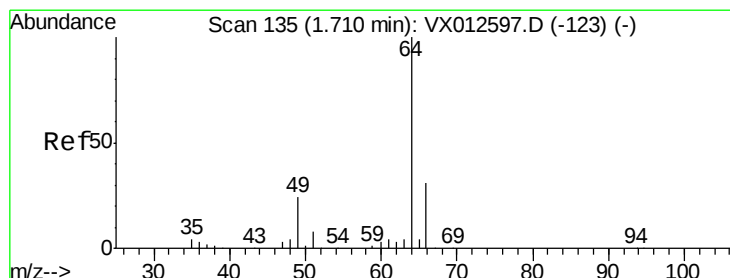
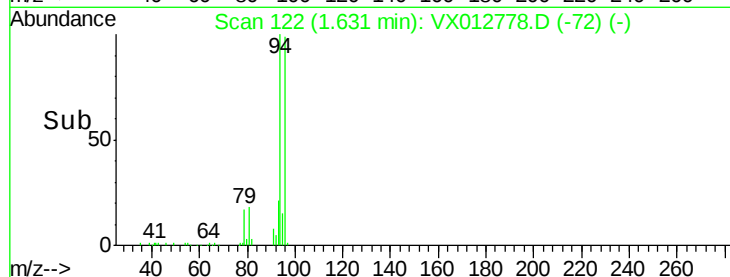
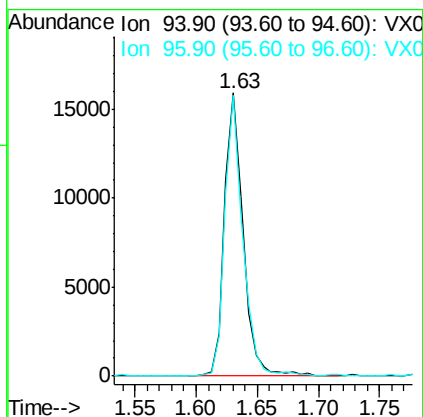
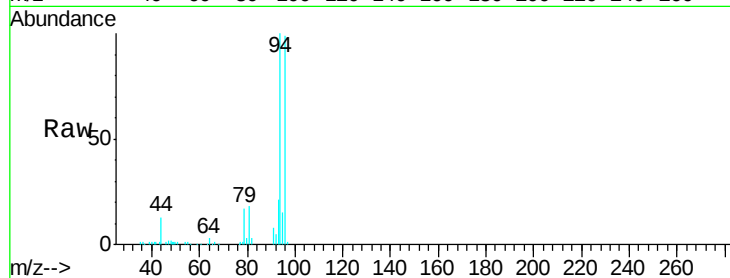
VX1003WBS01

Tgt Ion: 94 Resp: 16950

Ion Ratio Lower Upper

94 100

96 99.4 72.8 109.2



#6

Chloroethane

Concen: 15.260 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012778.D

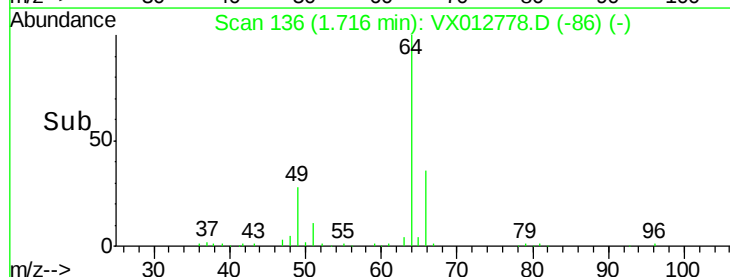
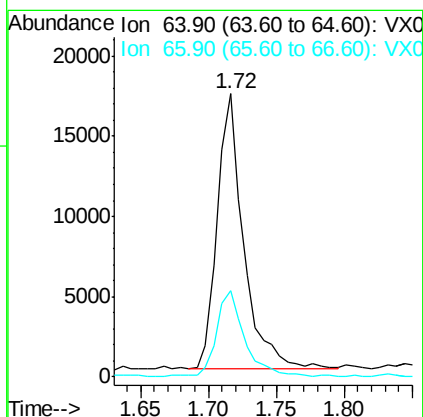
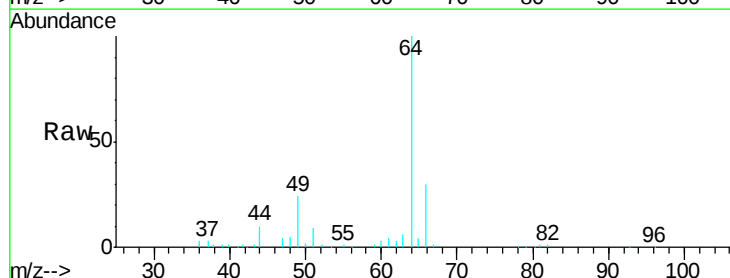
Acq: 03 Oct 2019 13:07

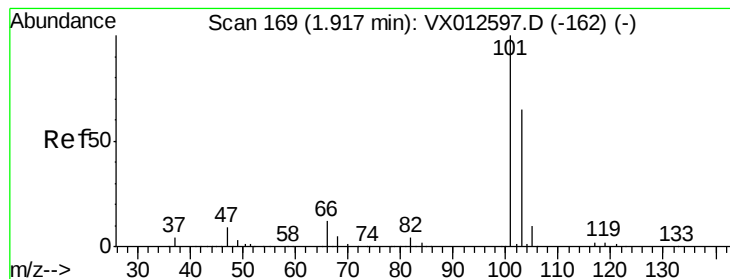
Tgt Ion: 64 Resp: 22882

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0



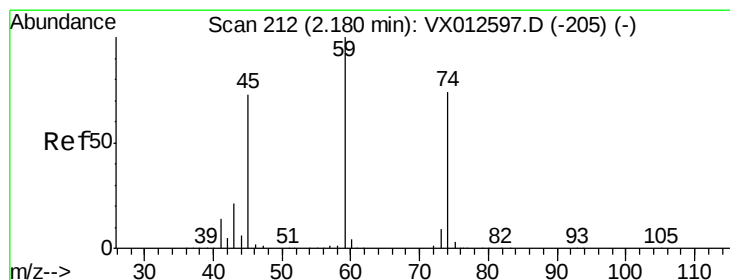
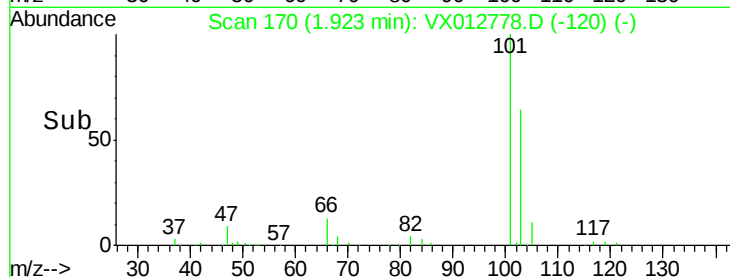
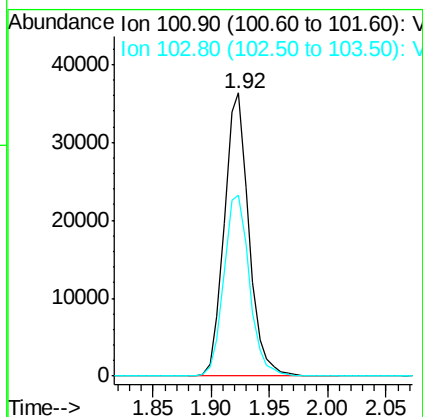
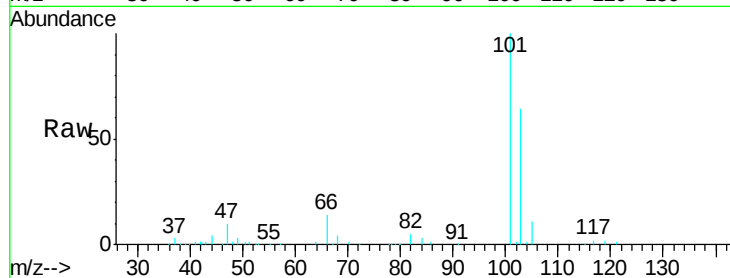


#7

Trichlorofluoromethane
 Concen: 16.974 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

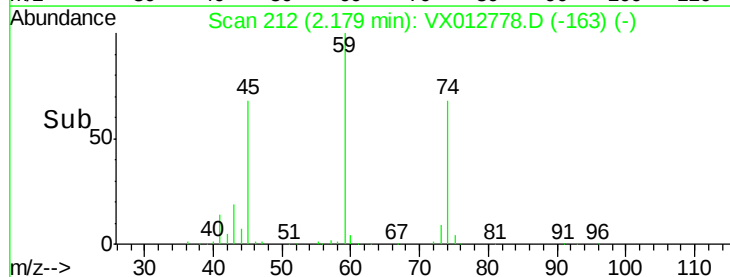
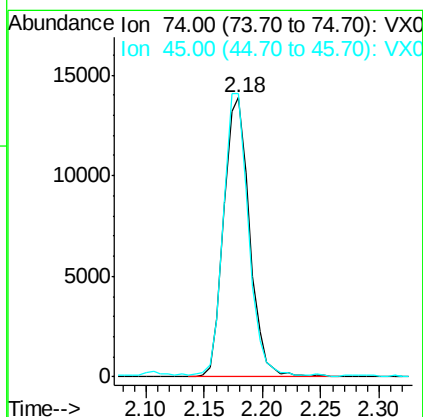
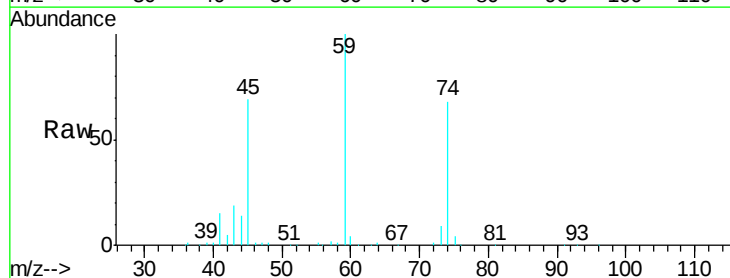
Tgt Ion:101 Resp: 53009
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.4

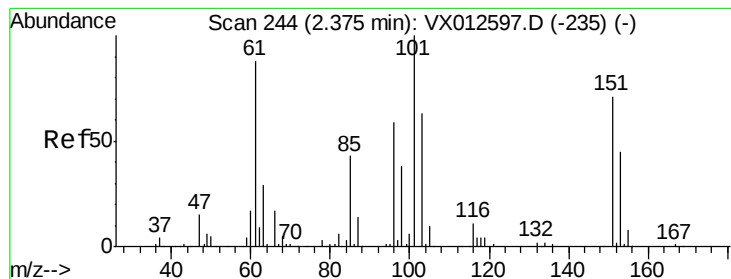


#8

Diethyl Ether
 Concen: 16.647 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 74 Resp: 21306
 Ion Ratio Lower Upper
 74 100
 45 97.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.665 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

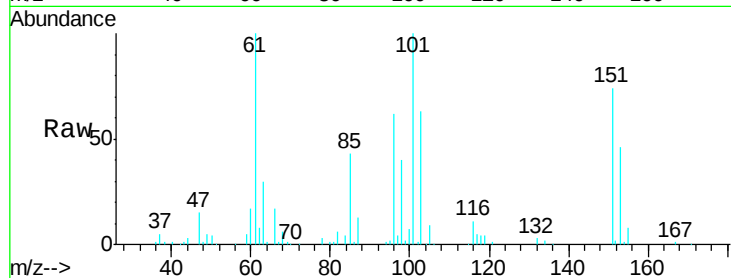
Tgt Ion:101 Resp: 35504

Ion Ratio Lower Upper

101 100

85 44.2 37.3 55.9

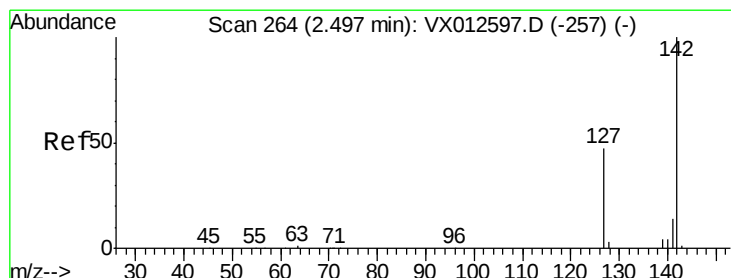
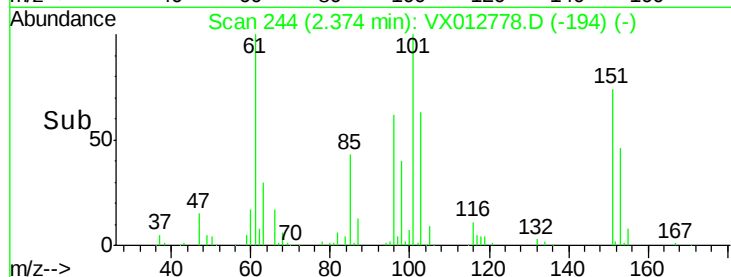
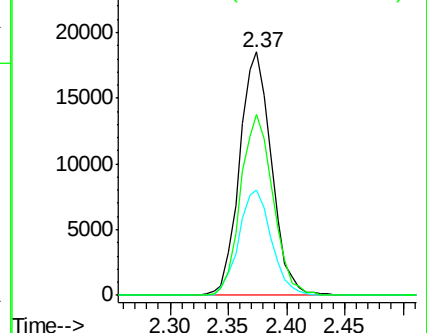
151 75.3 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.039 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

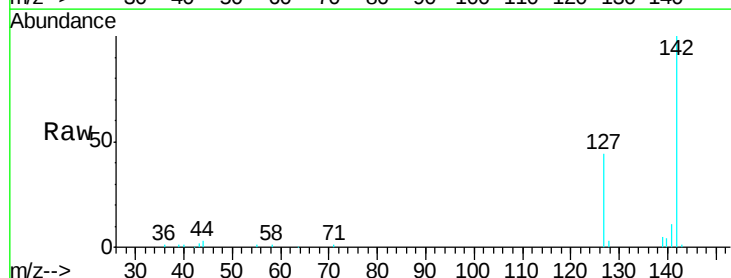
Tgt Ion:142 Resp: 24657

Ion Ratio Lower Upper

142 100

127 46.1 40.8 61.2

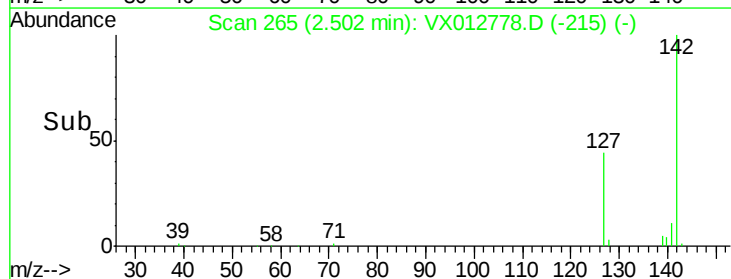
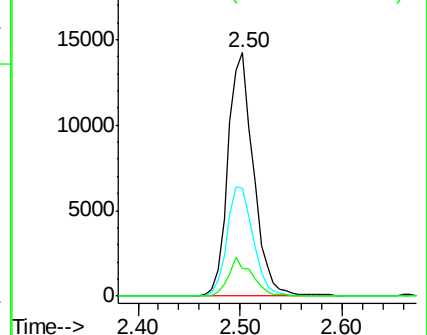
141 14.4 12.1 18.1

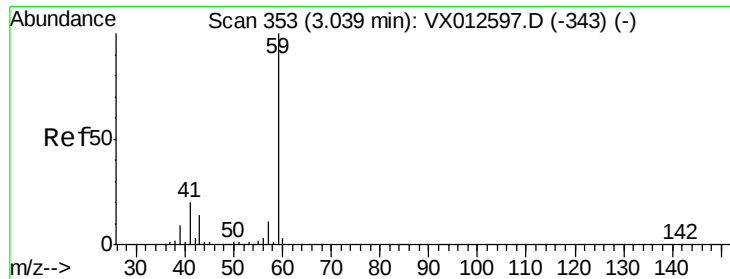


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

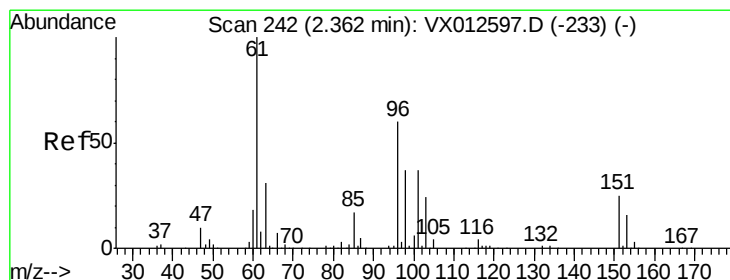
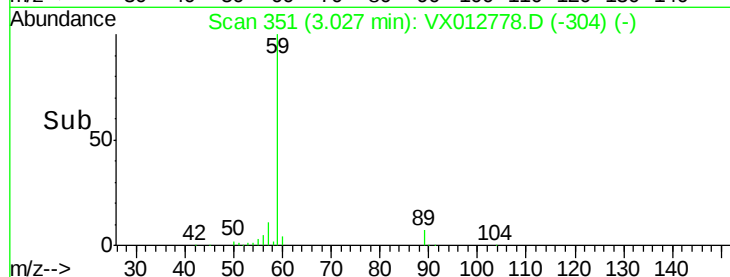
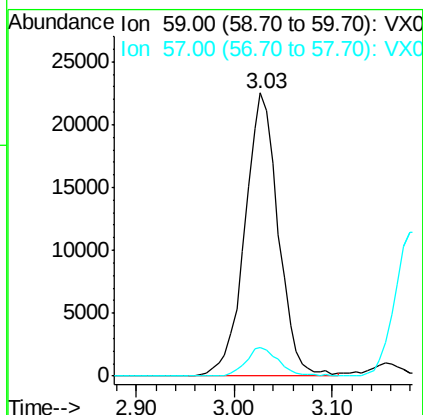
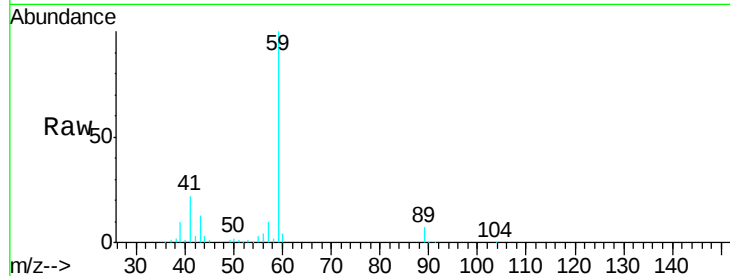




#11
Tert butyl alcohol
Concen: 84.638 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

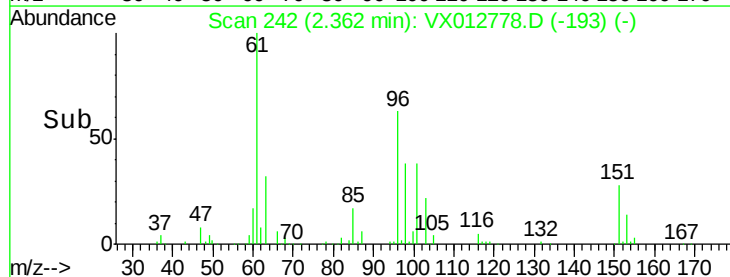
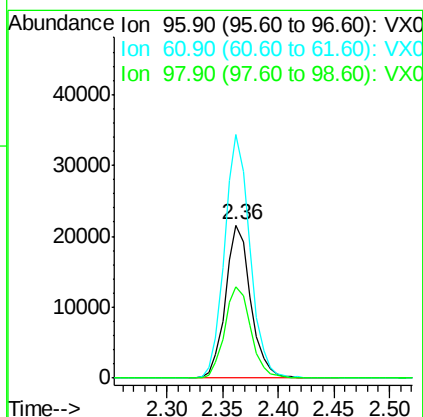
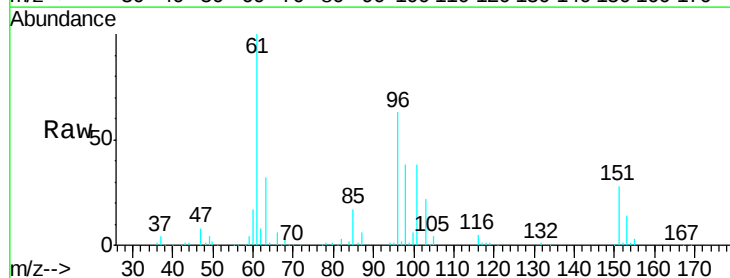
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

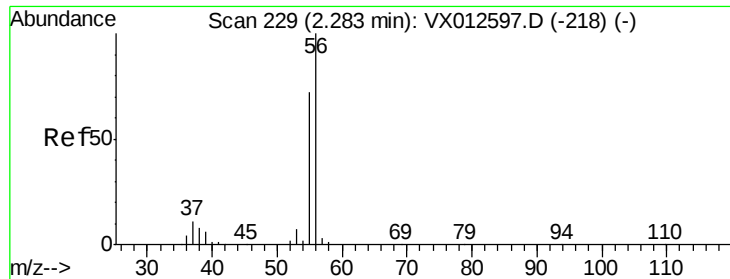
Tgt Ion: 59 Resp: 53337
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.156 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 96 Resp: 33817
Ion Ratio Lower Upper
96 100
61 159.4 133.8 200.6
98 60.0 49.9 74.9





#13

Acrolein

Concen: 70.717 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

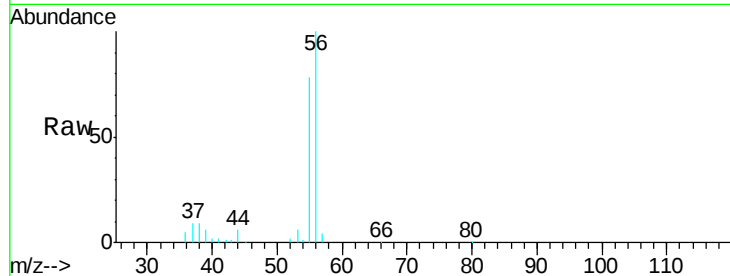
VX1003WBS01

Tgt Ion: 56 Resp: 22139

Ion Ratio Lower Upper

56 100

55 73.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

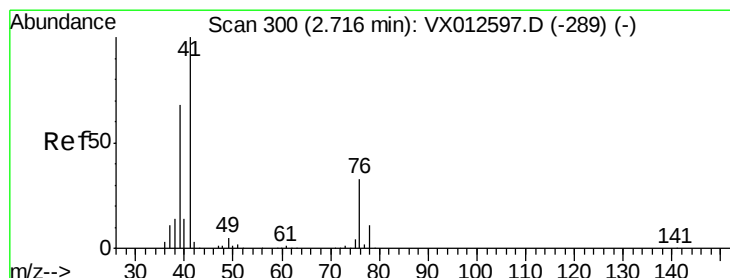
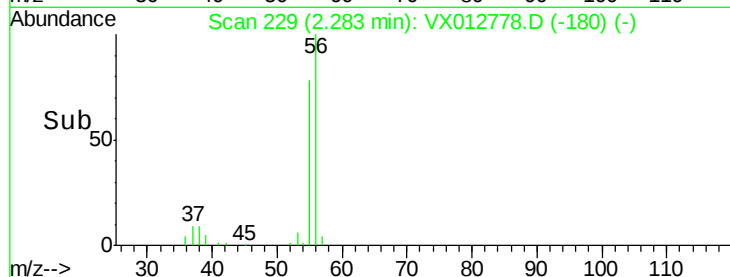
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 16.289 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

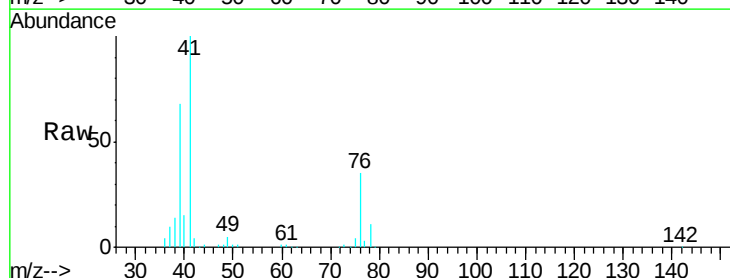
Tgt Ion: 41 Resp: 60194

Ion Ratio Lower Upper

41 100

39 64.8 51.3 76.9

76 33.5 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

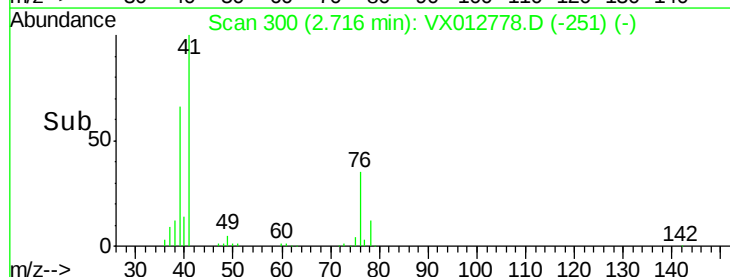
30000

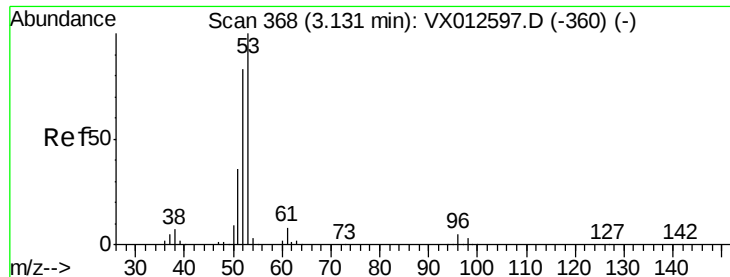
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 85.147 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

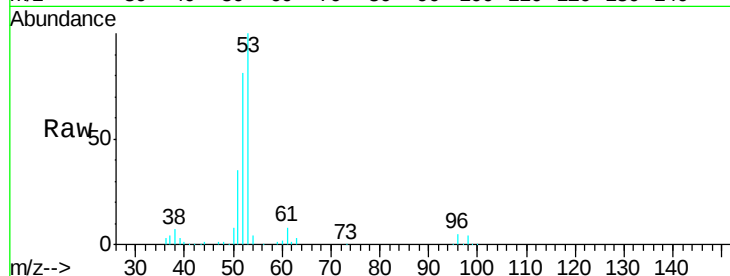
Tgt Ion: 53 Resp: 108860

Ion Ratio Lower Upper

53 100

52 82.0 67.0 100.4

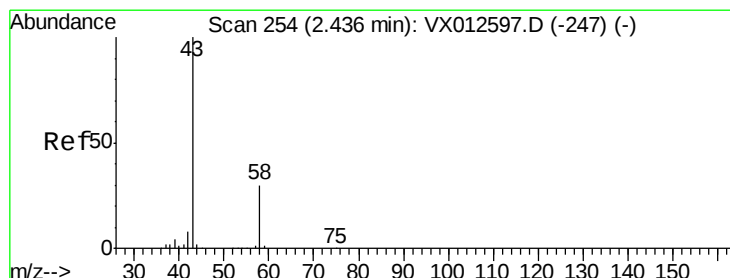
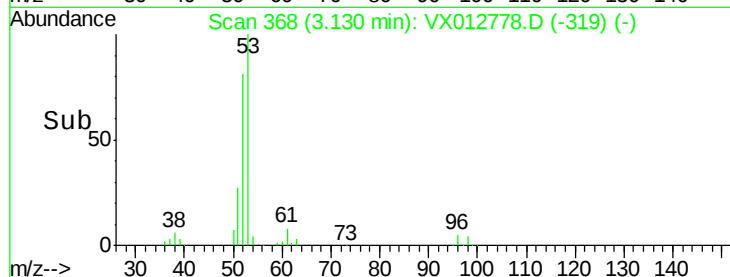
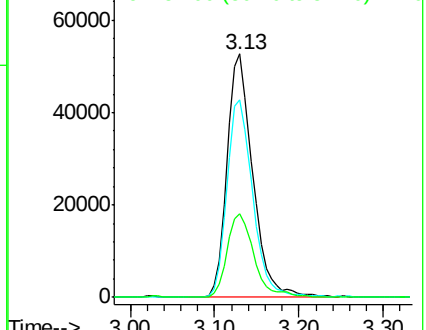
51 36.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX012597.D (-360) (-)

Ion 52.00 (51.70 to 52.70): VX012597.D (-360) (-)

Ion 51.00 (50.70 to 51.70): VX012597.D (-360) (-)



#16

Acetone

Concen: 78.729 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012778.D

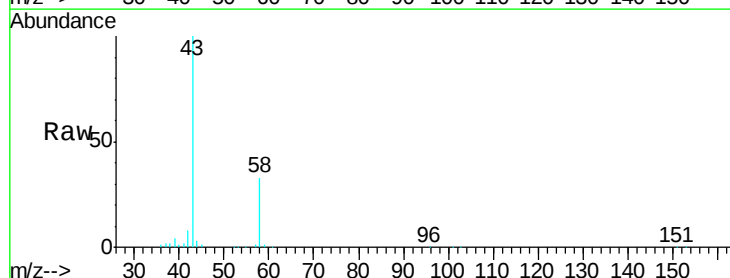
Acq: 03 Oct 2019 13:07

Tgt Ion: 43 Resp: 105199

Ion Ratio Lower Upper

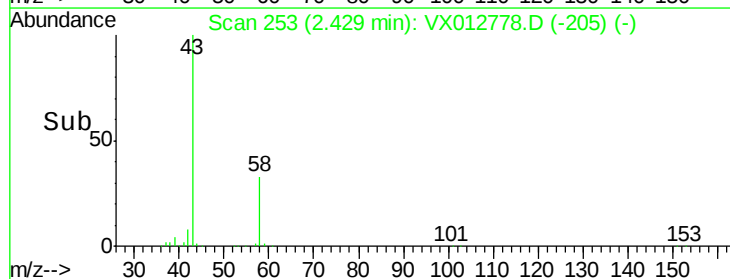
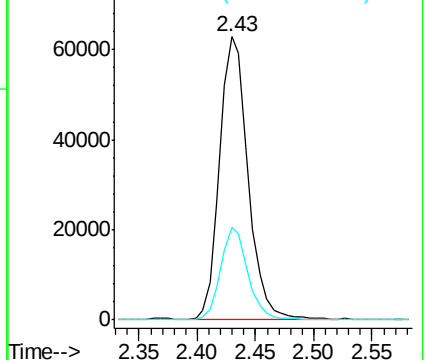
43 100

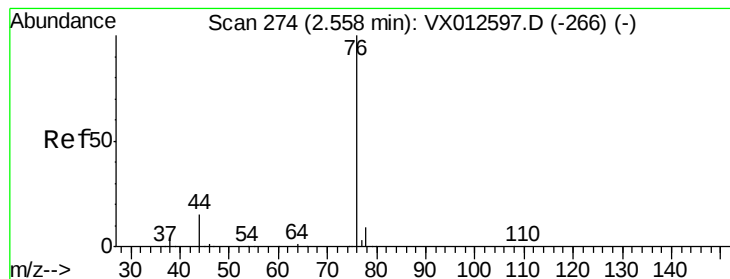
58 32.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX012597.D (-247) (-)





#17

Carbon Disulfide

Concen: 15.232 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

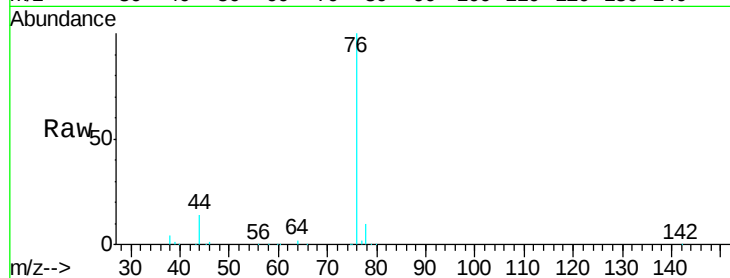
VX1003WBS01

Tgt Ion: 76 Resp: 79535

Ion Ratio Lower Upper

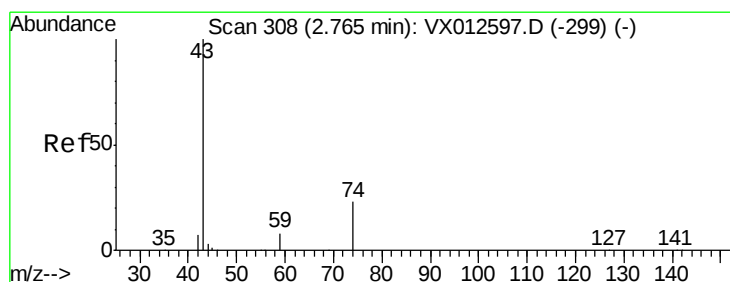
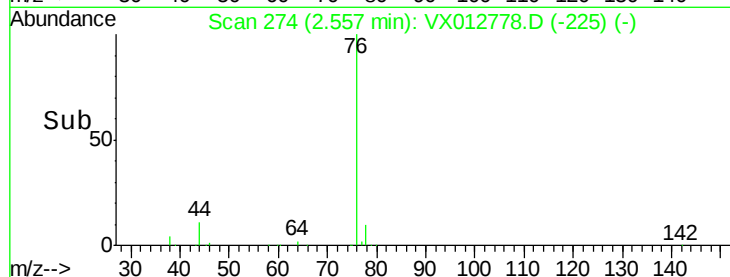
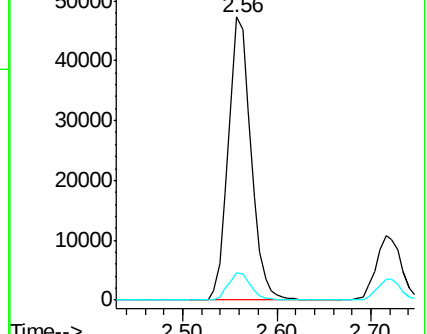
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.670 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012778.D

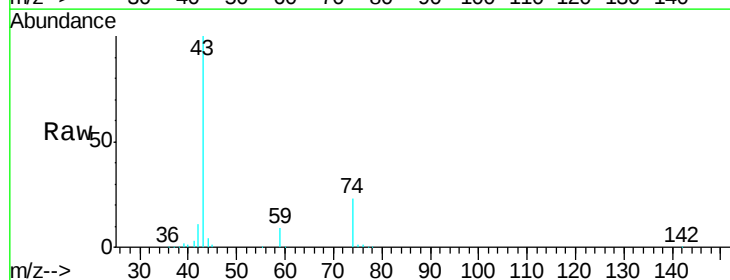
Acq: 03 Oct 2019 13:07

Tgt Ion: 43 Resp: 55595

Ion Ratio Lower Upper

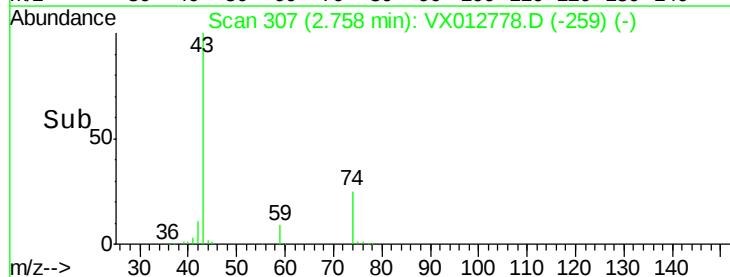
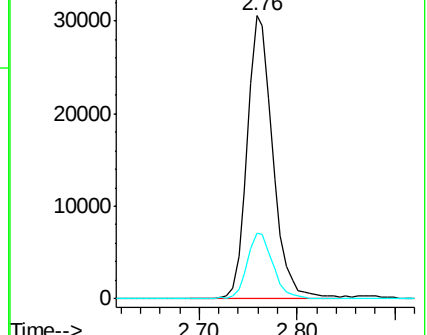
43 100

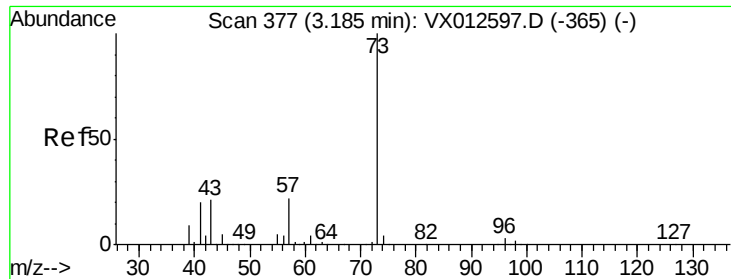
74 23.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

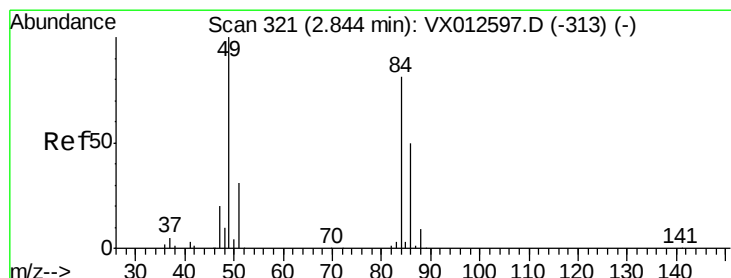
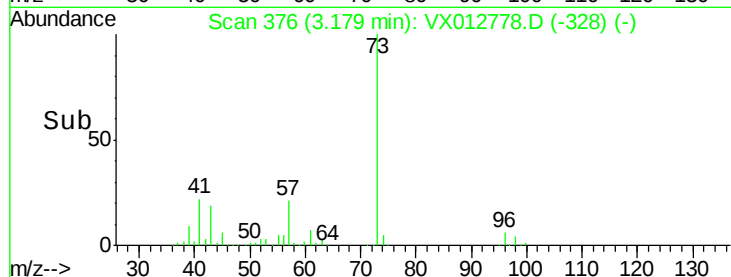
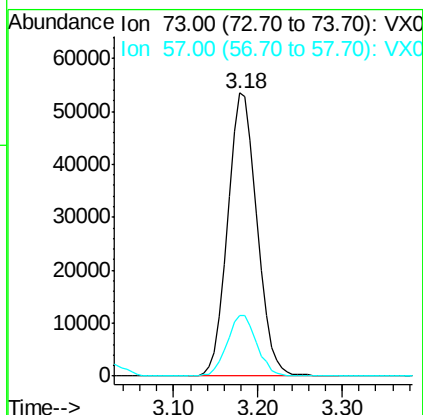
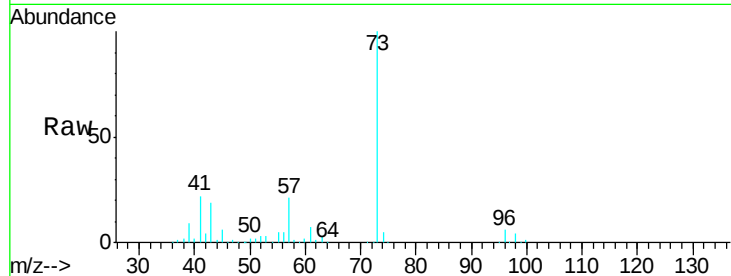




#19
Methyl tert-butyl Ether
Concen: 17.901 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

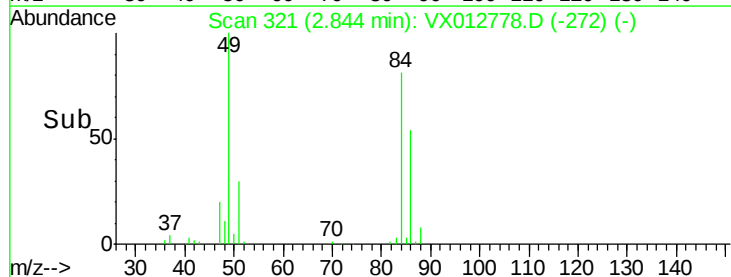
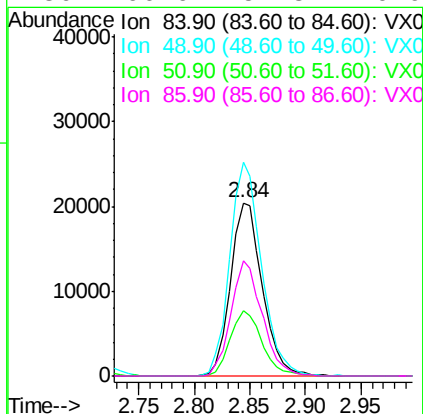
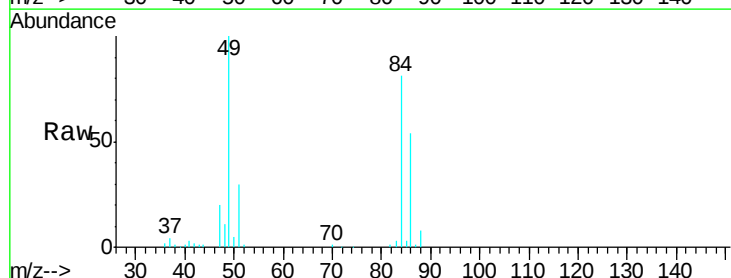
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

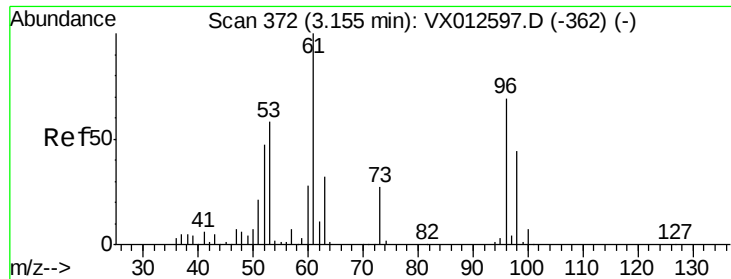
Tgt Ion: 73 Resp: 126206
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#20
Methylene Chloride
Concen: 17.866 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 84 Resp: 40377
Ion Ratio Lower Upper
84 100
49 123.3 106.8 160.2
51 37.6 32.3 48.5
86 66.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.494 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

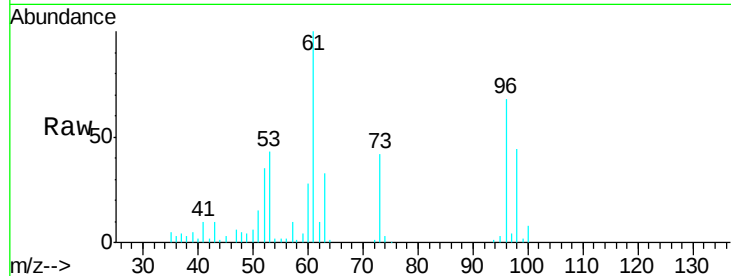
Tgt Ion: 96 Resp: 36099

Ion Ratio Lower Upper

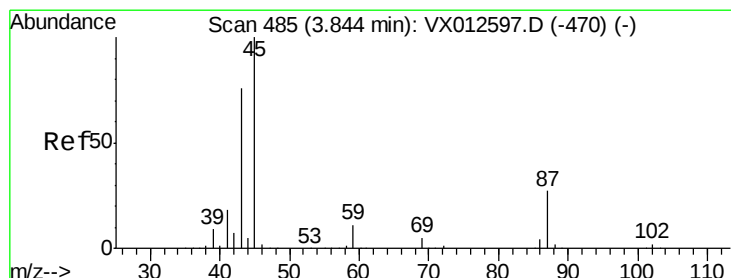
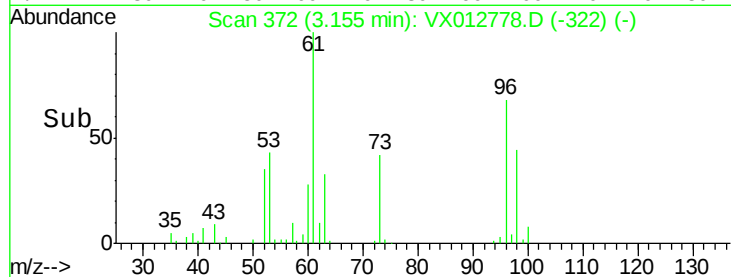
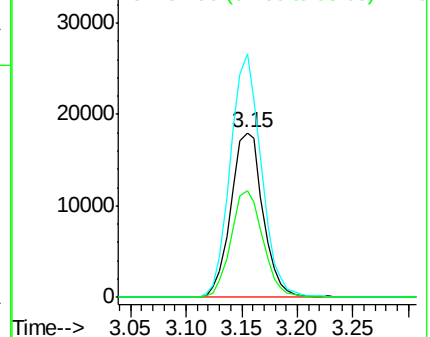
96 100

61 147.6 112.0 168.0

98 64.9 47.8 71.8



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



#22

Diisopropyl ether

Concen: 17.790 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion: 45 Resp: 127031

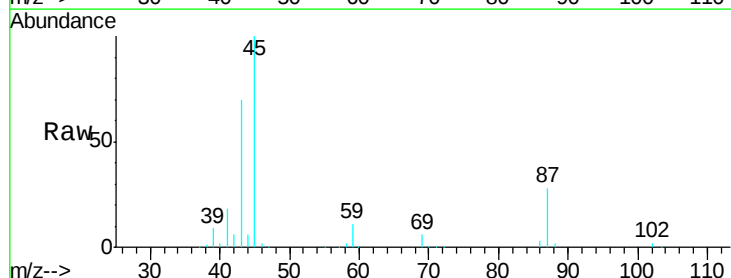
Ion Ratio Lower Upper

45 100

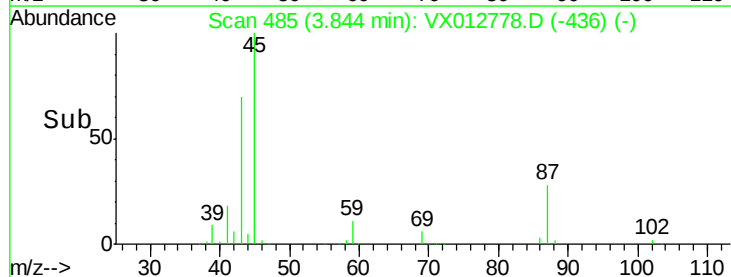
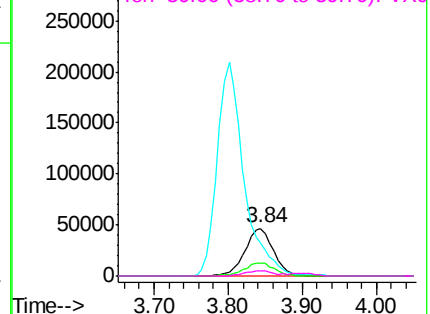
43 69.3 57.8 86.8

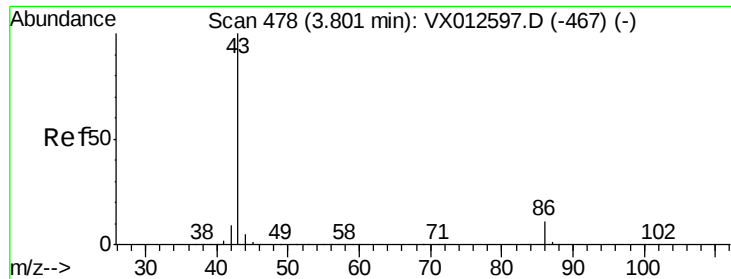
87 28.2 21.3 31.9

59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 84.034 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

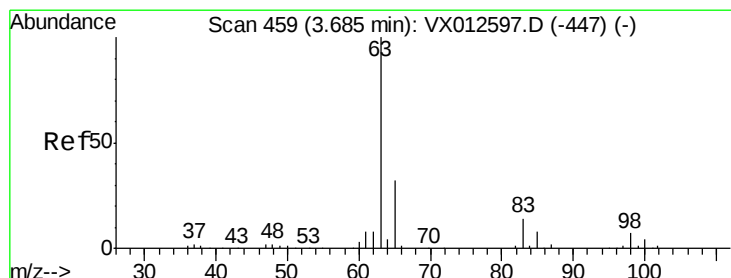
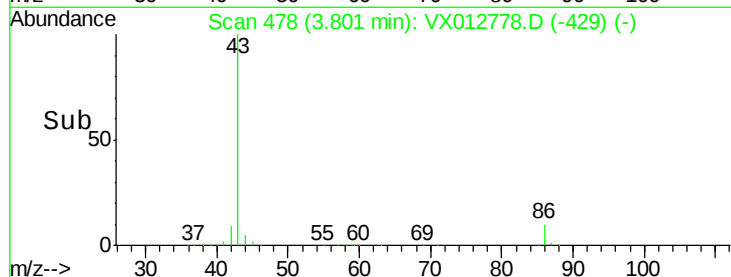
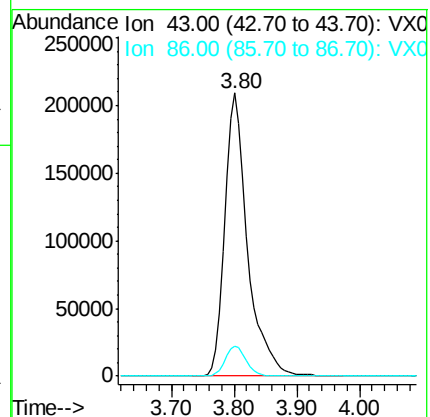
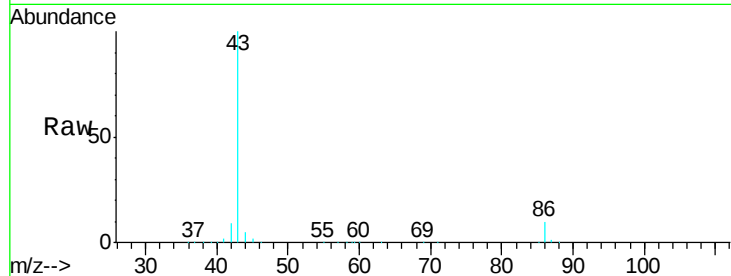
VX1003WBS01

Tgt Ion: 43 Resp: 526214

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 18.095 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

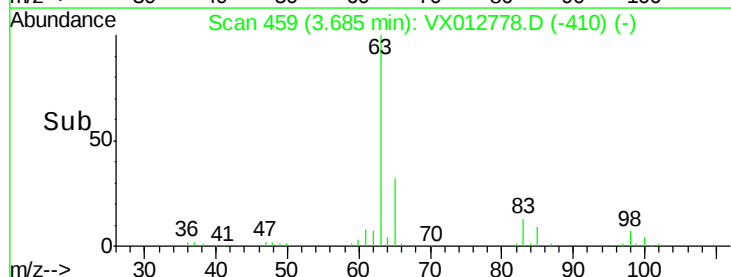
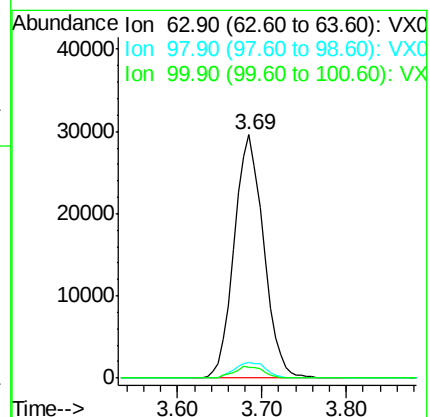
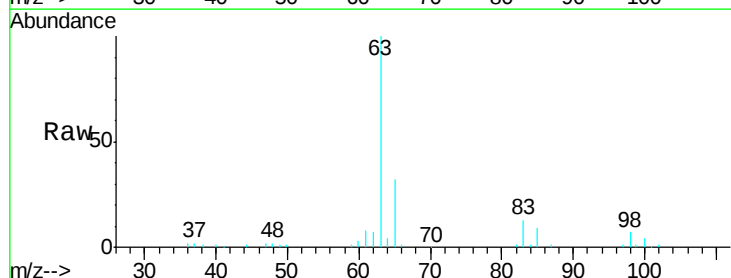
Tgt Ion: 63 Resp: 70233

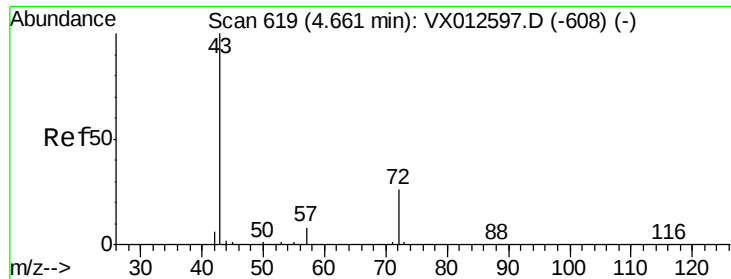
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 80.385 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

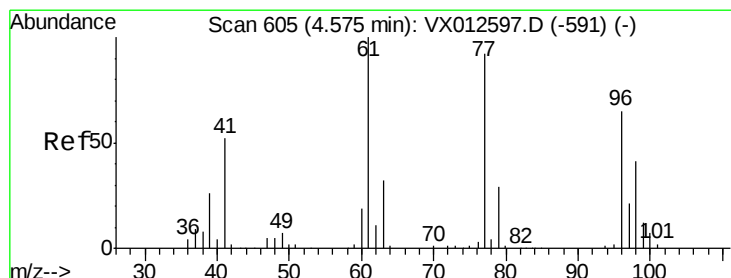
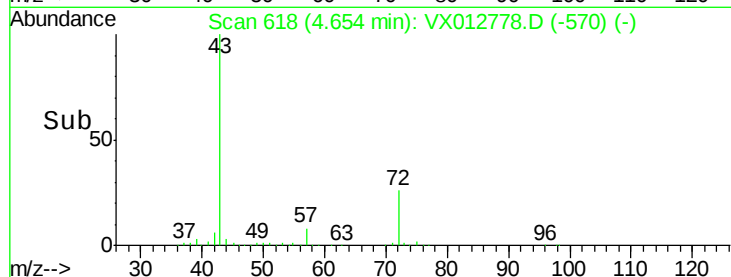
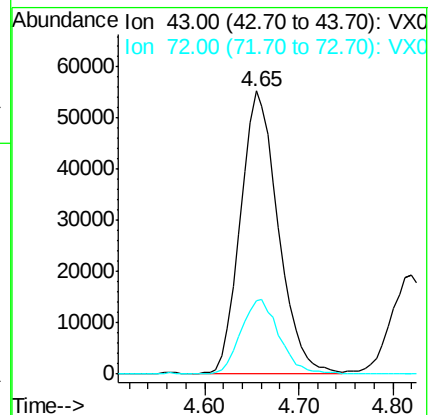
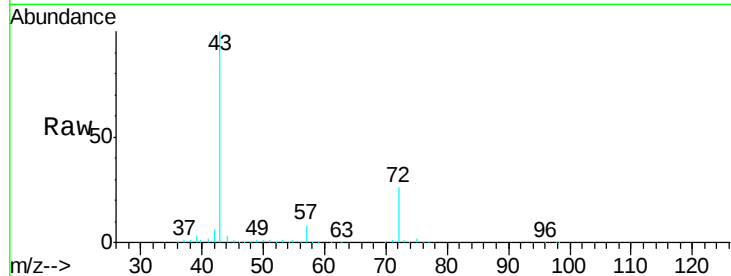
VX1003WBS01

Tgt Ion: 43 Resp: 154012

Ion Ratio Lower Upper

43 100

72 25.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 16.489 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012778.D

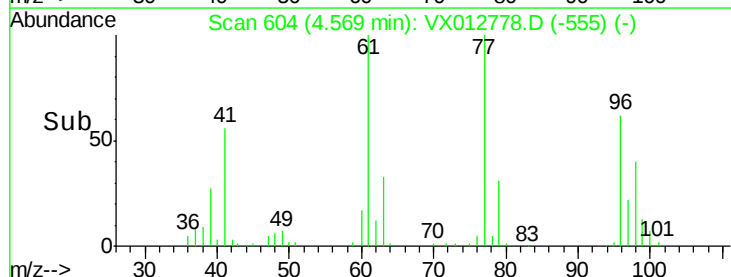
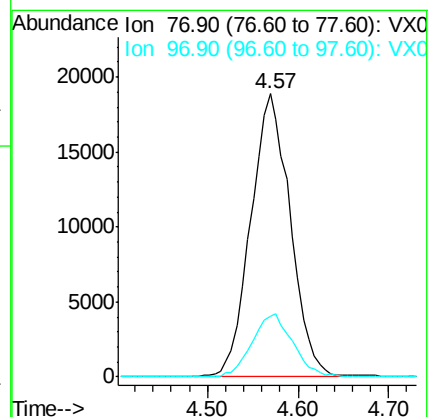
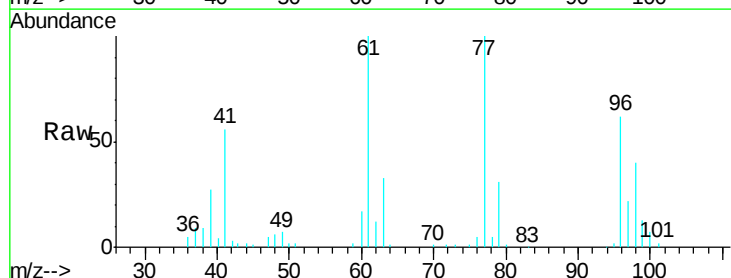
Acq: 03 Oct 2019 13:07

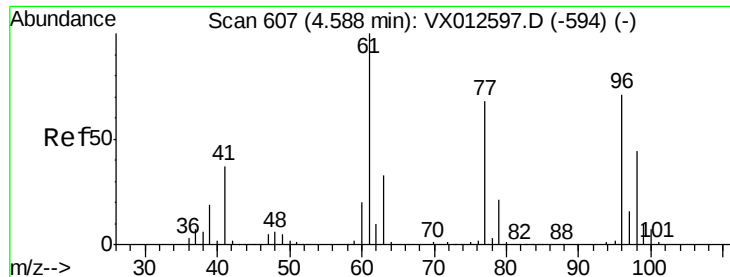
Tgt Ion: 77 Resp: 56922

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.6



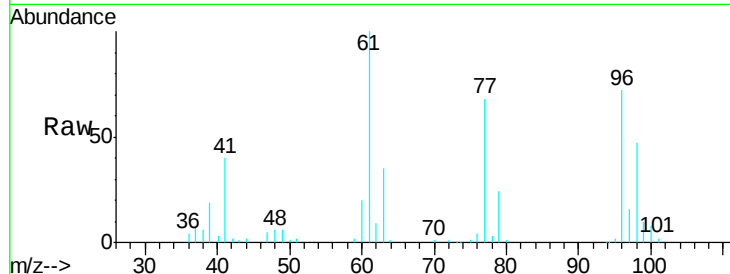


#27

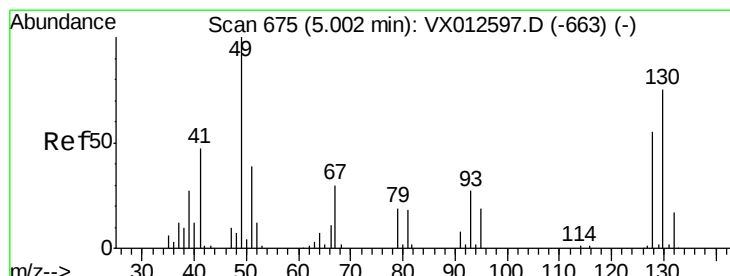
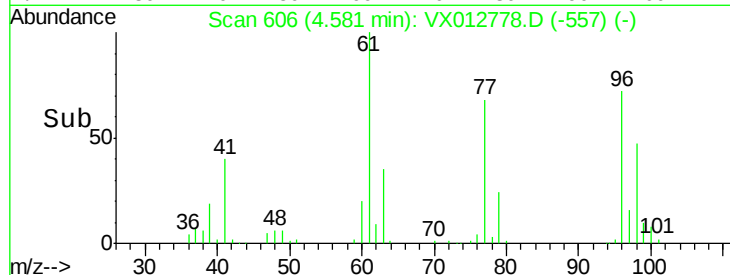
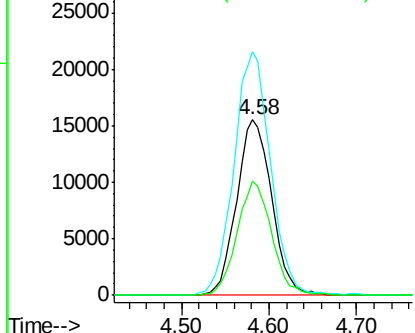
cis-1,2-Dichloroethene
Concen: 18.060 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tgt Ion: 96 Resp: 43242
Ion Ratio Lower Upper
96 100
61 145.0 0.0 319.4
98 64.0 0.0 130.6



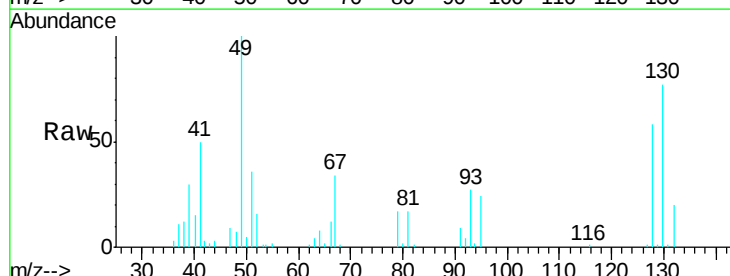
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



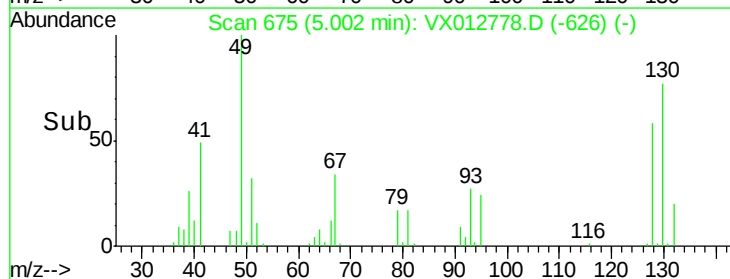
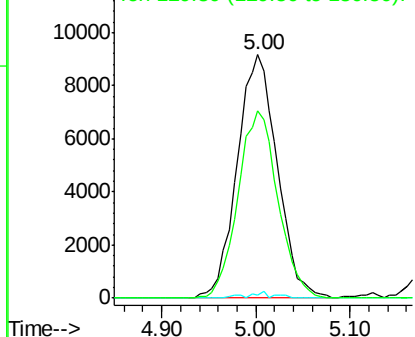
#28

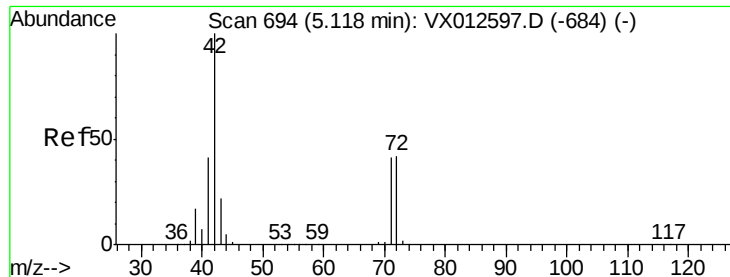
Bromochloromethane
Concen: 19.337 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 49 Resp: 27253
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.8
130 76.7 58.2 87.4



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

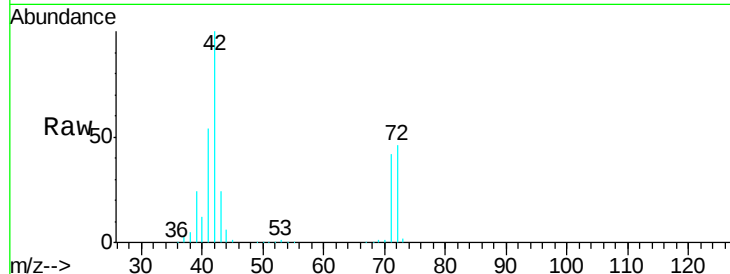




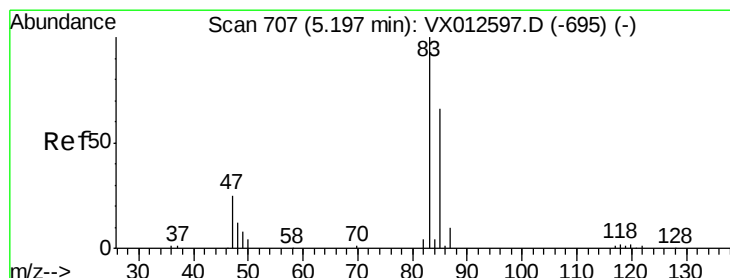
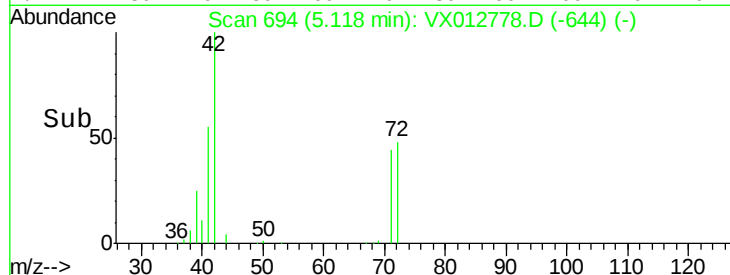
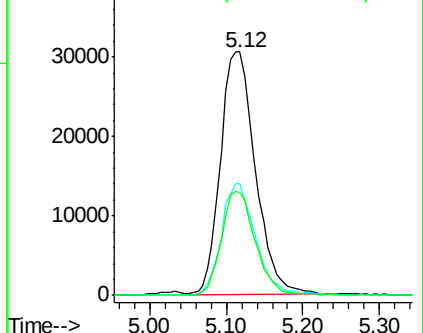
#29
Tetrahydrofuran
Concen: 82.607 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tgt Ion: 42 Resp: 96465
Ion Ratio Lower Upper
42 100
72 45.2 34.0 51.0
71 41.7 31.5 47.3

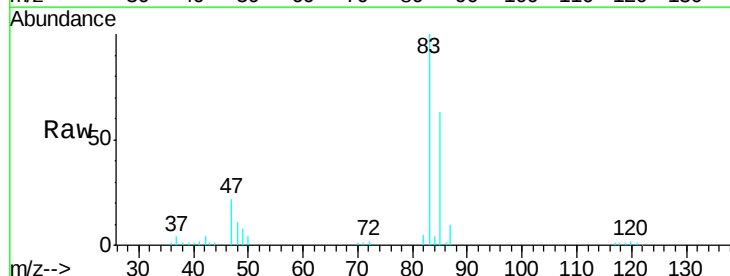


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

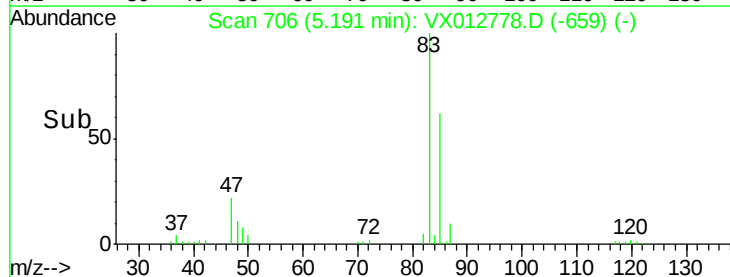
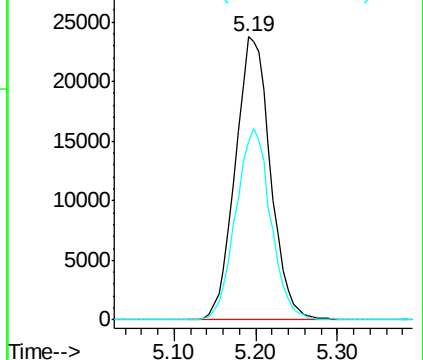


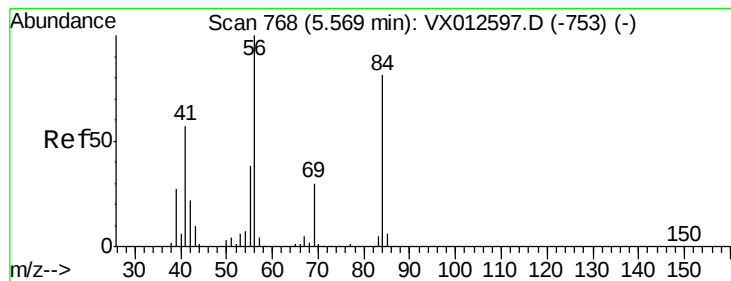
#30
Chloroform
Concen: 17.895 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 83 Resp: 71060
Ion Ratio Lower Upper
83 100
85 62.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.164 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

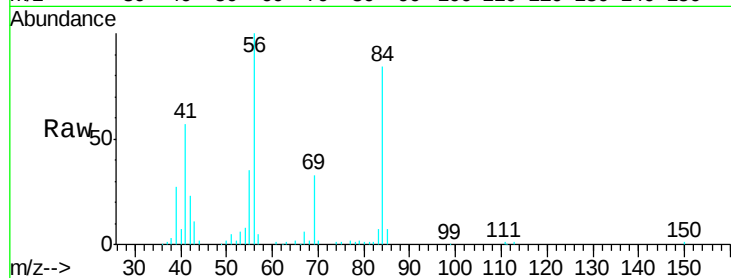
Tgt Ion: 56 Resp: 60271

Ion Ratio Lower Upper

56 100

69 33.1 25.0 37.6

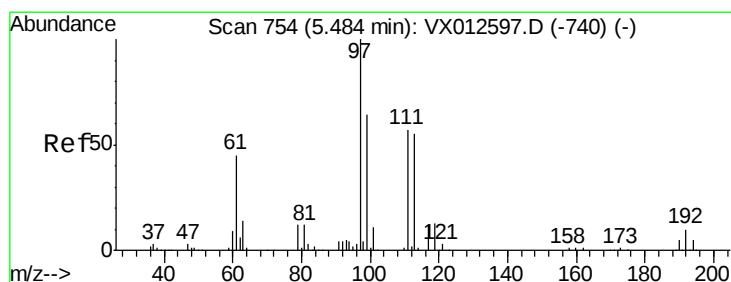
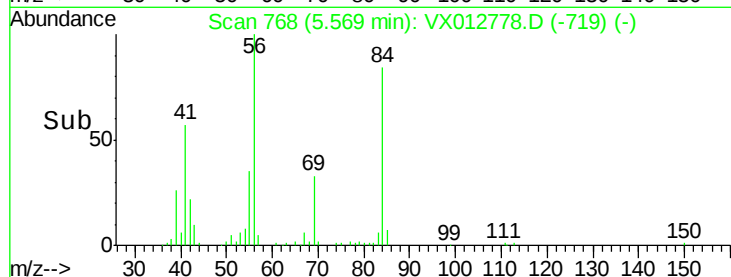
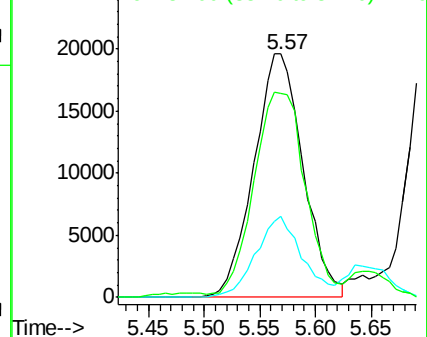
84 82.2 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.515 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

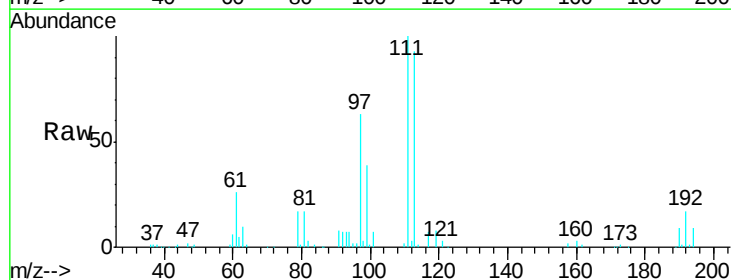
Tgt Ion: 97 Resp: 61641

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

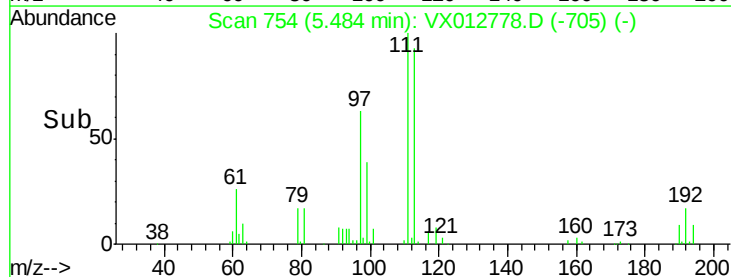
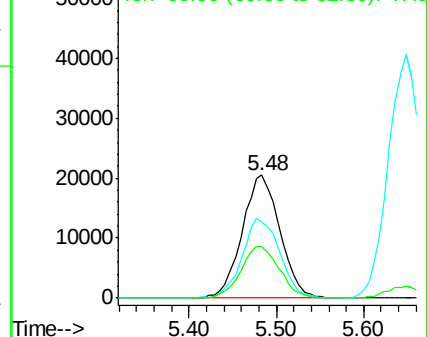
61 42.7 36.1 54.1

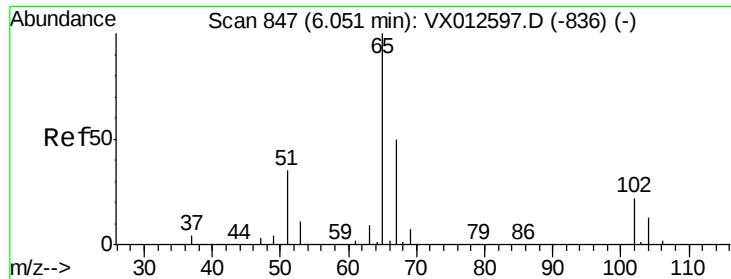


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.034 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

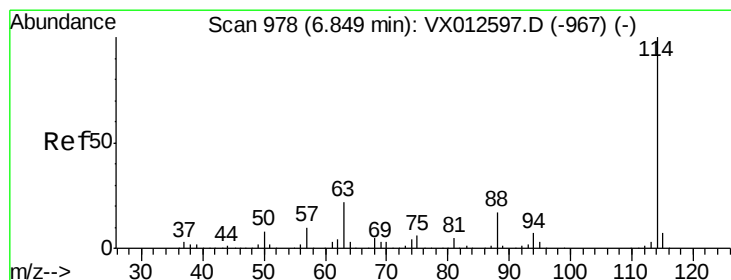
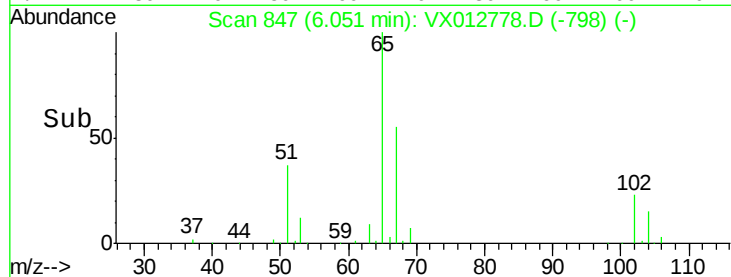
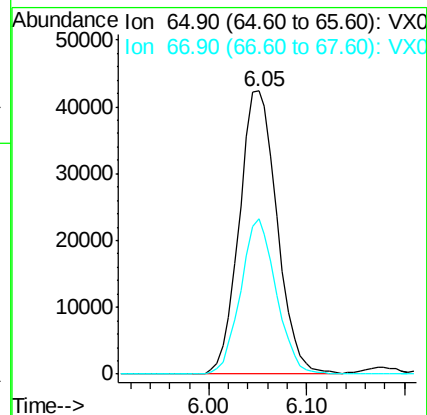
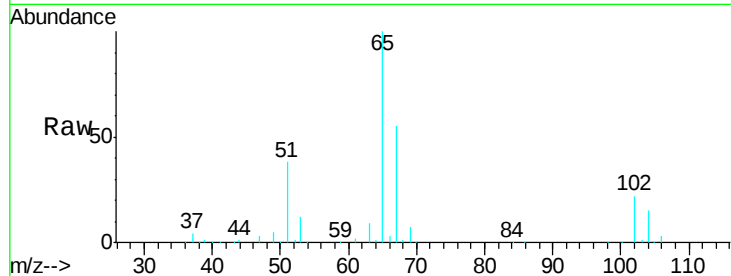
VX1003WBS01

Tgt Ion: 65 Resp: 113606

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

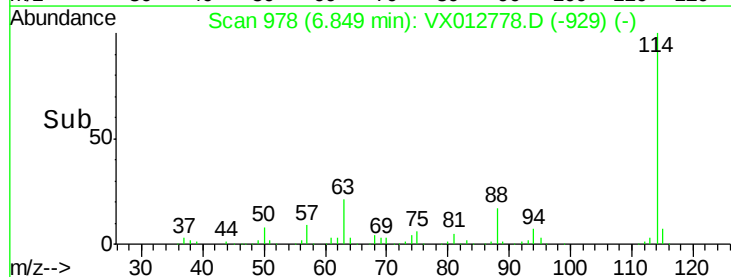
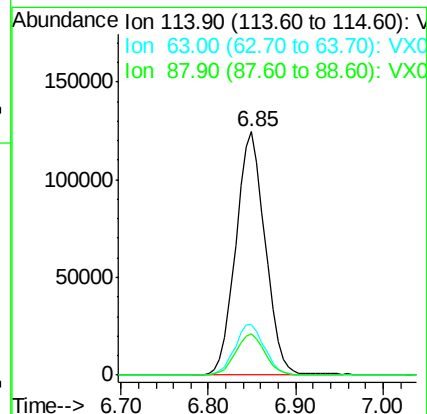
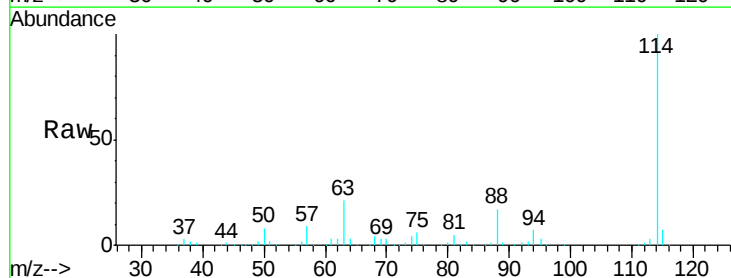
Tgt Ion: 114 Resp: 291060

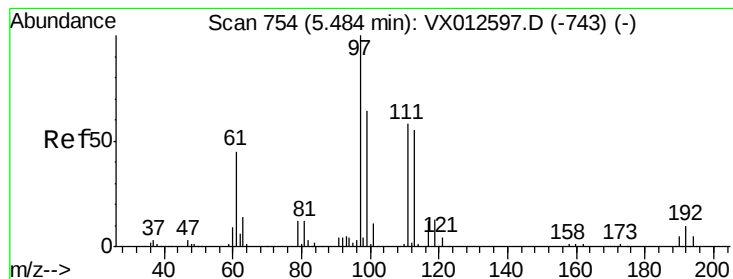
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.160 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

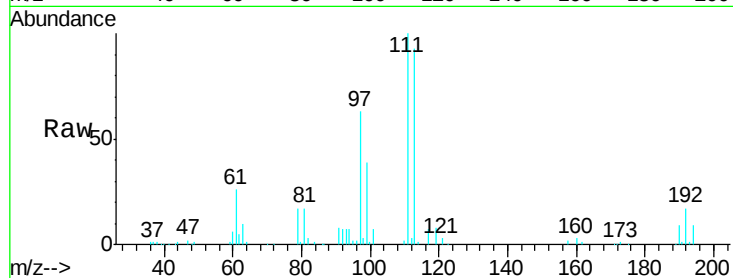
Tgt Ion:113 Resp: 88680

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

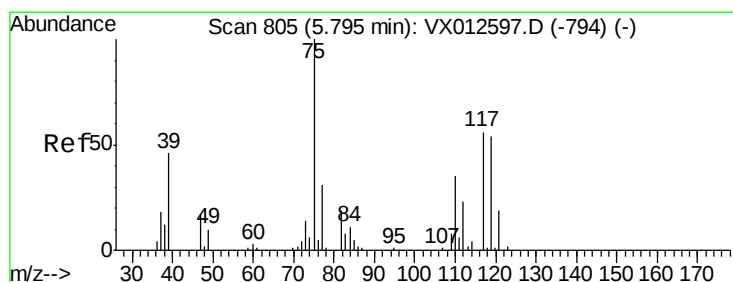
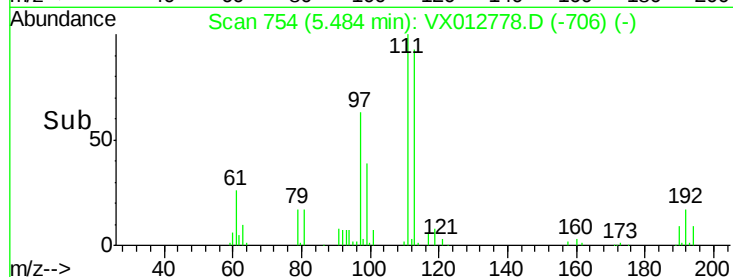
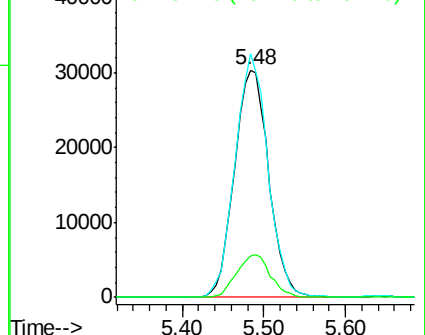
192 18.2 14.4 21.6



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: 17.848 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

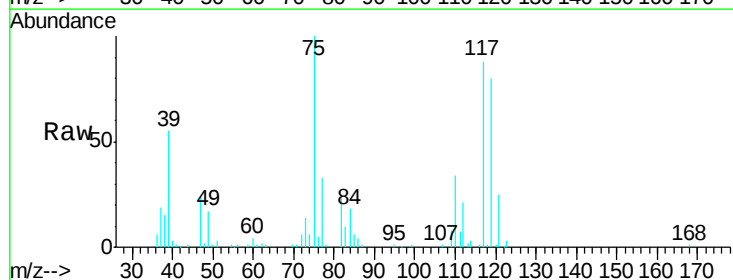
Tgt Ion: 75 Resp: 50073

Ion Ratio Lower Upper

75 100

110 36.4 16.7 50.0

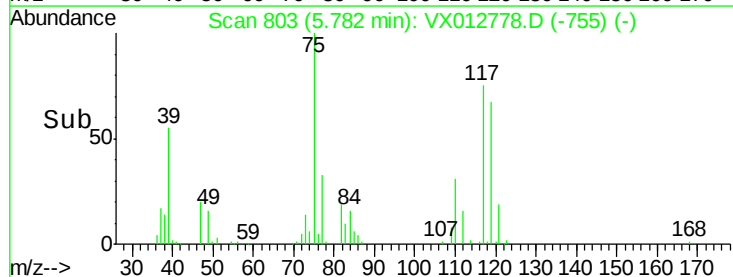
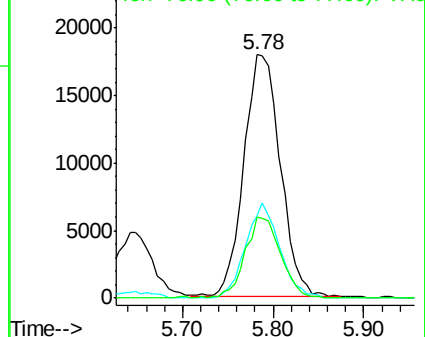
77 32.7 24.2 36.2

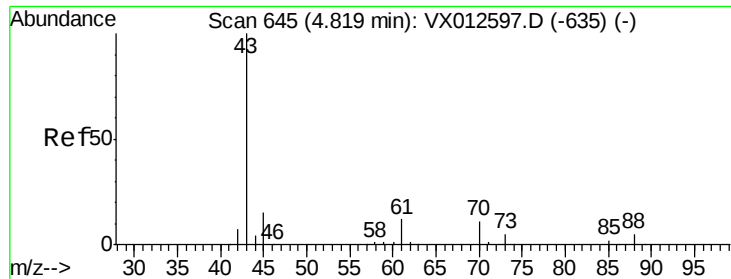


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

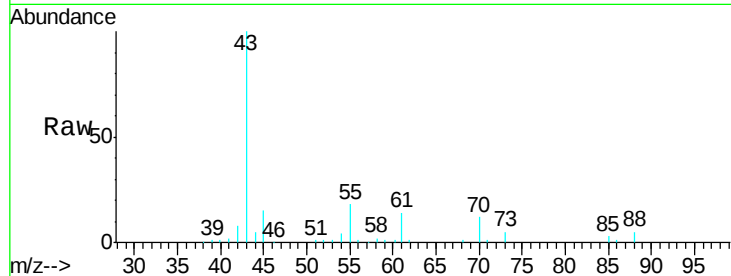




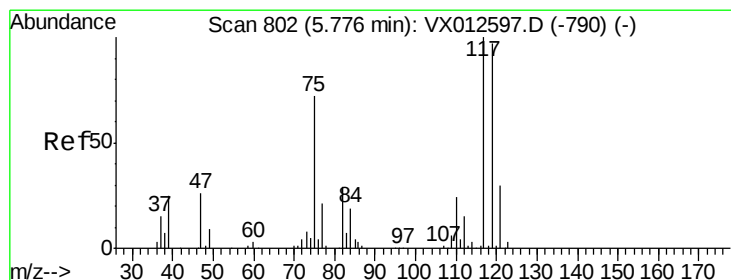
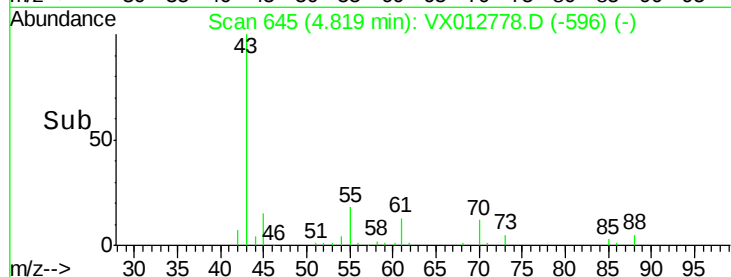
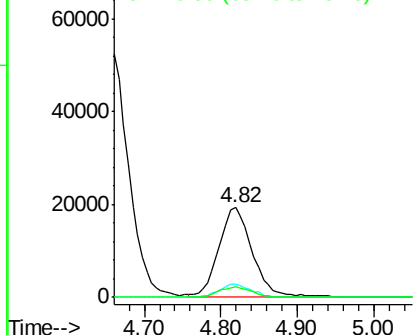
#37
Ethyl Acetate
Concen: 17.482 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tgt Ion: 43 Resp: 57339
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.4
70 11.5 8.7 13.1

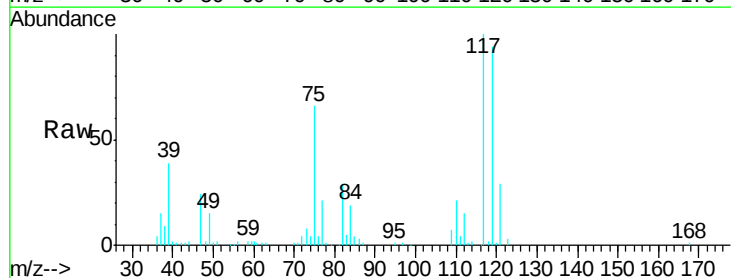


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

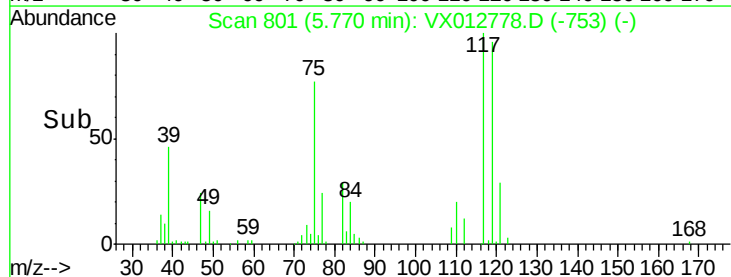
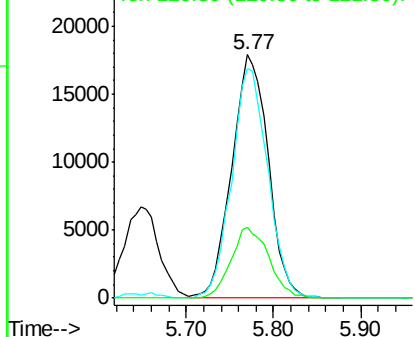


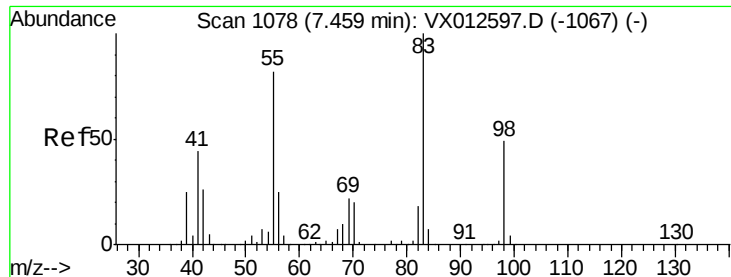
#38
Carbon Tetrachloride
Concen: 18.206 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 117 Resp: 51886
Ion Ratio Lower Upper
117 100
119 94.2 75.7 113.5
121 28.9 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

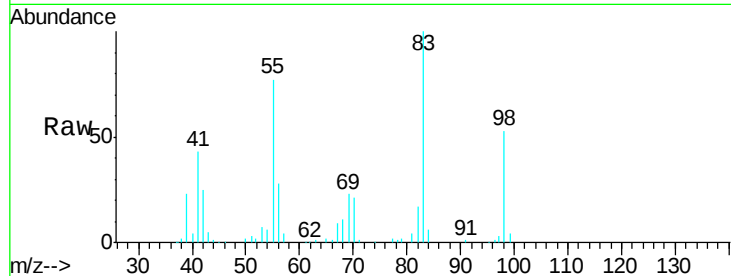




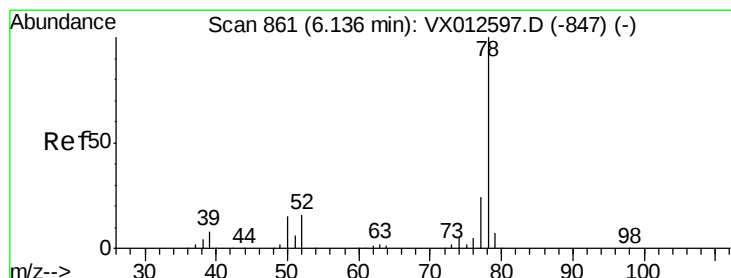
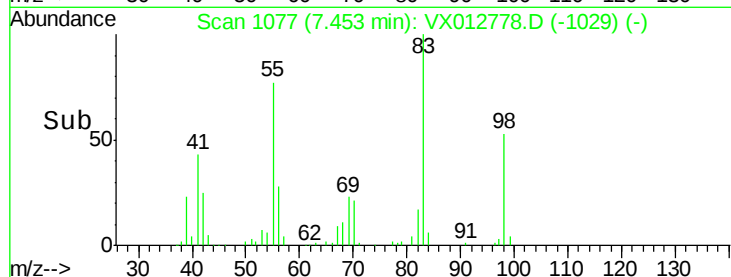
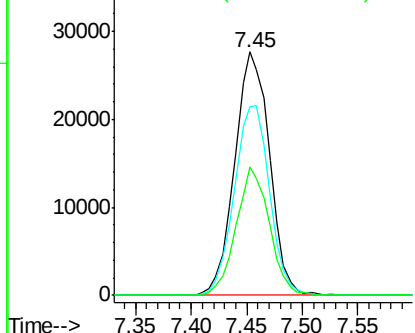
#39
Methylcyclohexane
Concen: 17.779 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tgt Ion: 83 Resp: 60047
Ion Ratio Lower Upper
83 100
55 77.3 64.4 96.6
98 52.5 40.1 60.1

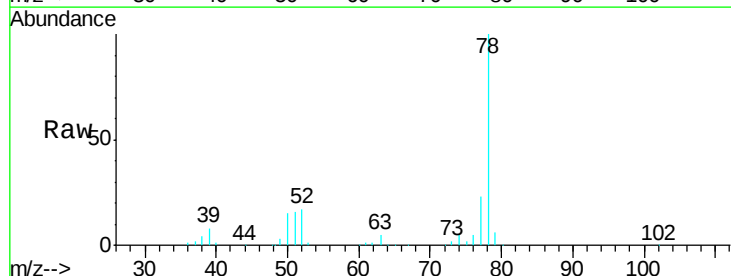


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

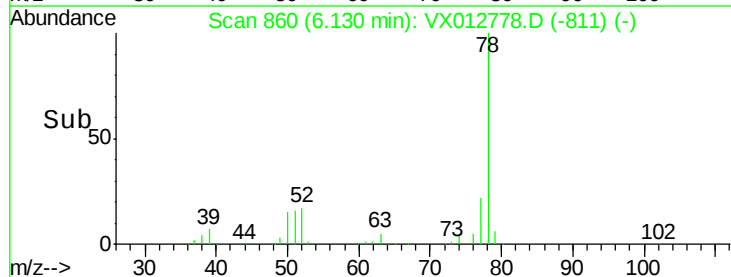
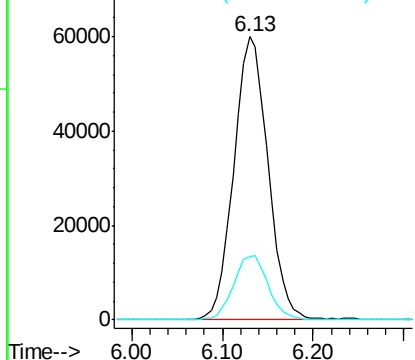


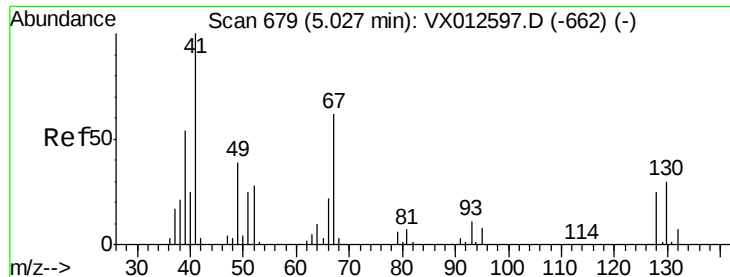
#40
Benzene
Concen: 19.001 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 78 Resp: 156845
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8



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





#41

Methacrylonitrile

Concen: 17.601 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tgt Ion: 41 Resp: 32390

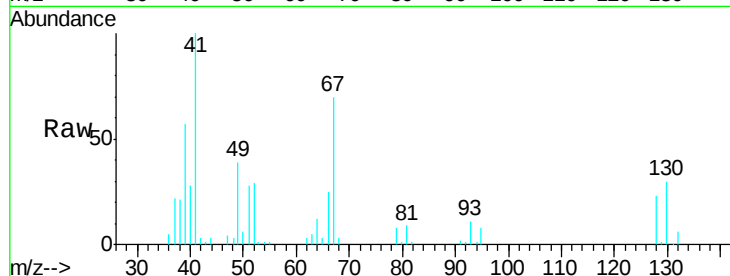
Ion Ratio Lower Upper

41 100

39 54.4 46.0 69.0

67 71.1 52.2 78.2

52 31.2 22.7 34.1

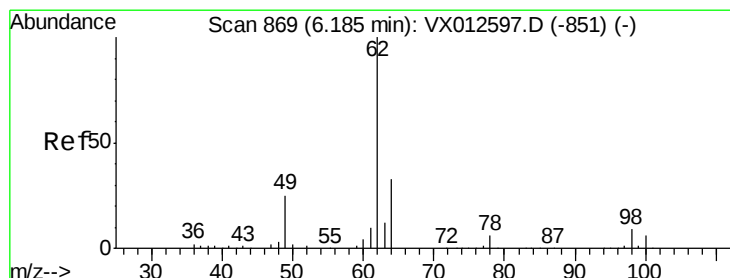
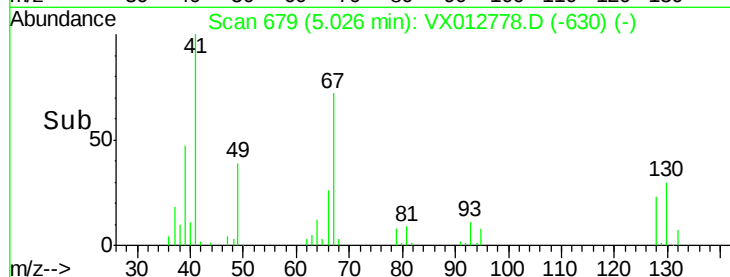
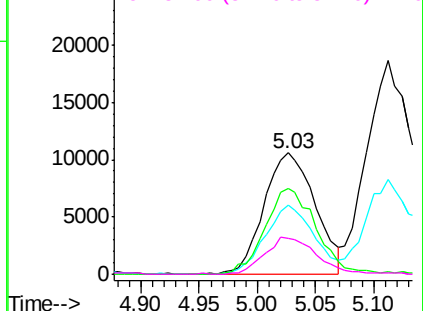


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.629 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012778.D

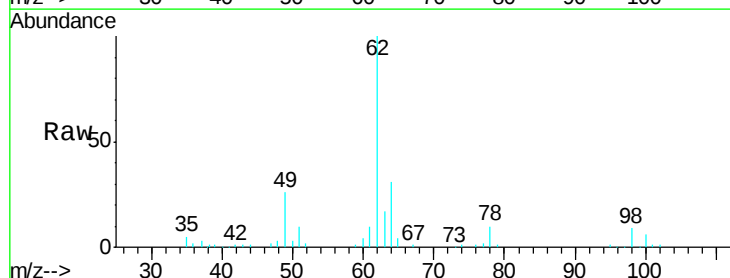
Acq: 03 Oct 2019 13:07

Tgt Ion: 62 Resp: 58393

Ion Ratio Lower Upper

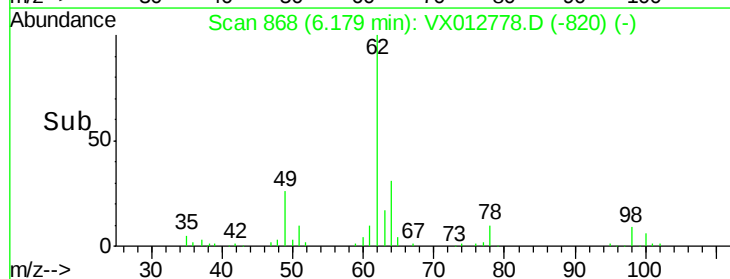
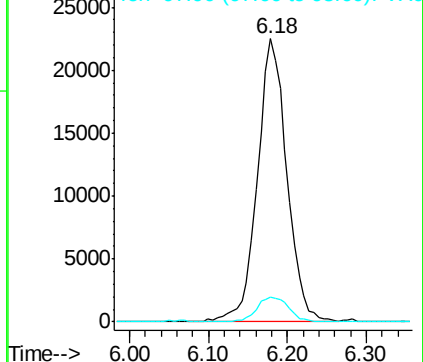
62 100

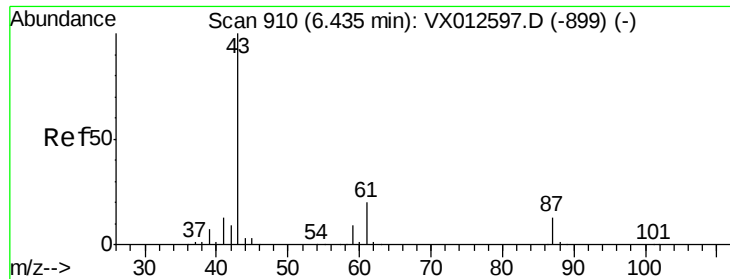
98 9.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

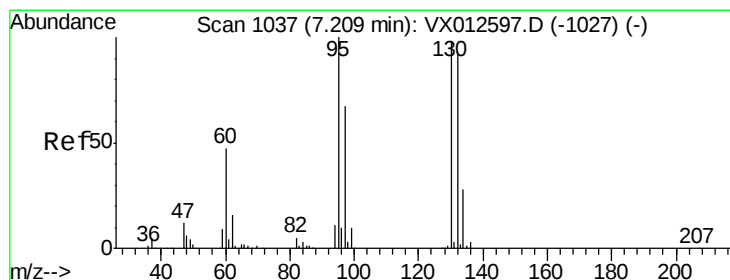
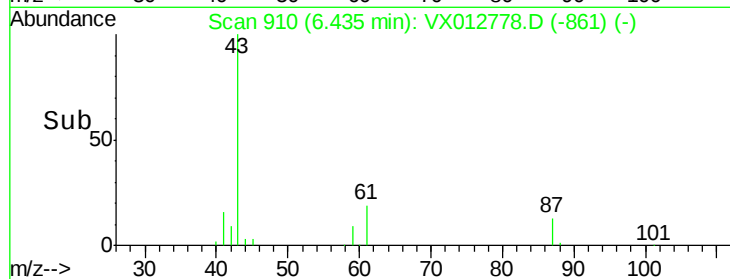
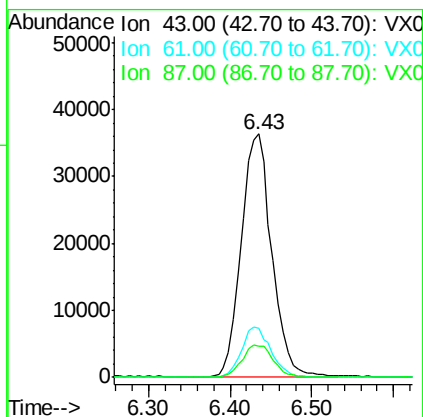
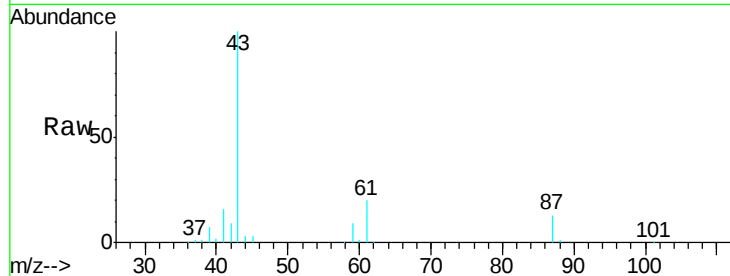




#43
Isopropyl Acetate
Concen: 17.122 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

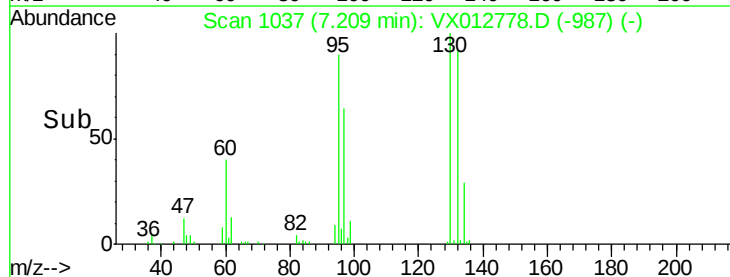
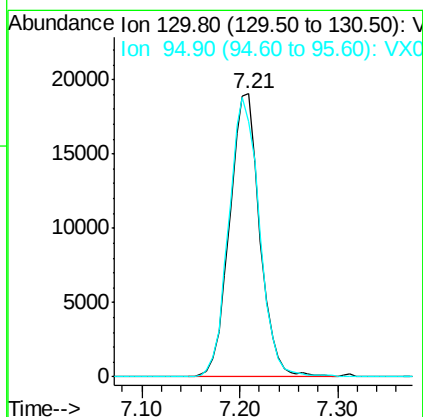
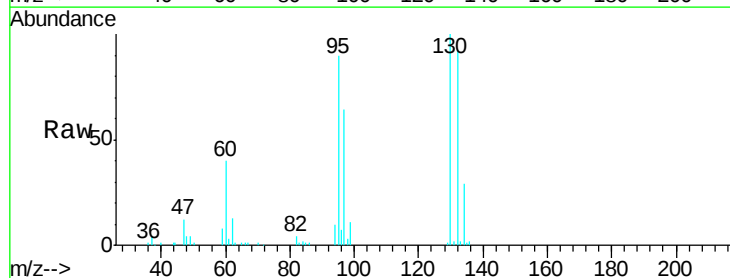
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

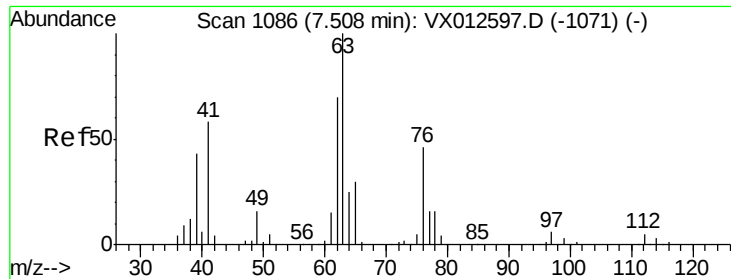
Tgt Ion: 43 Resp: 93915
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 13.7 9.8 14.8



#44
Trichloroethene
Concen: 19.352 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 130 Resp: 40838
Ion Ratio Lower Upper
130 100
95 90.1 0.0 193.0

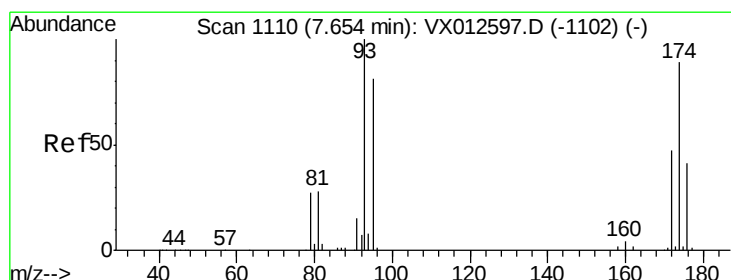
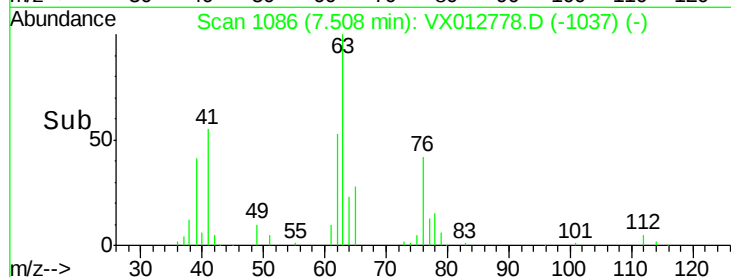
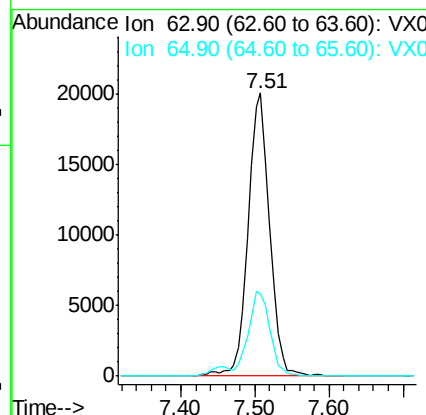
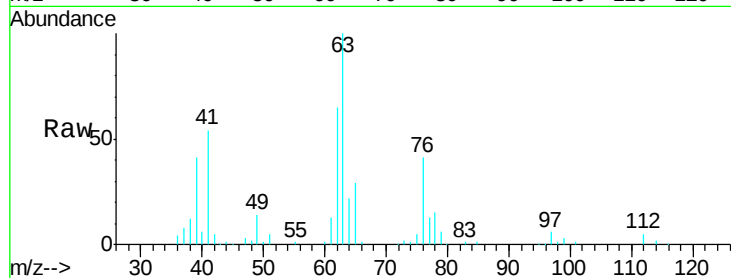




#45
 1,2-Dichloropropane
 Concen: 19.308 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

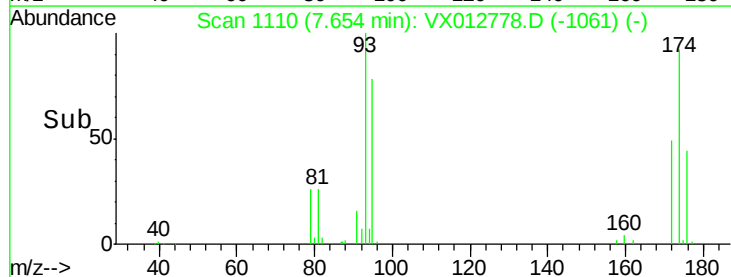
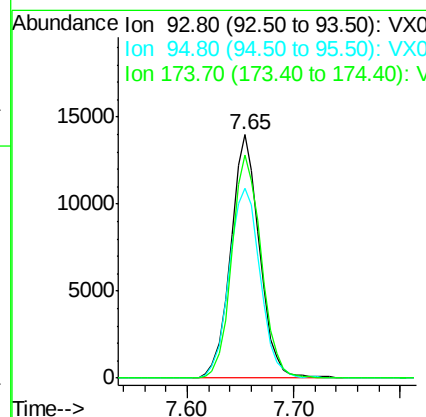
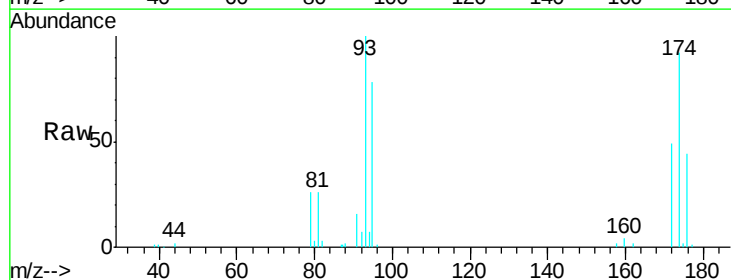
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

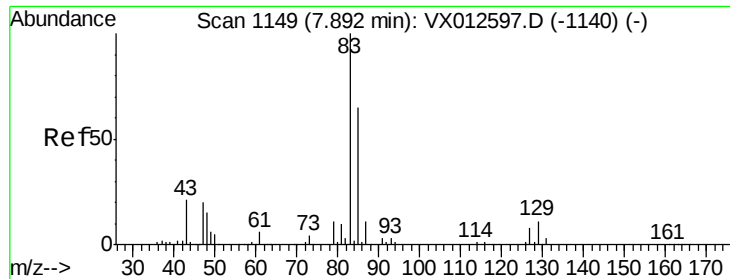
Tgt Ion: 63 Resp: 40804
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.0 37.6



#46
 Dibromomethane
 Concen: 18.390 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 93 Resp: 26462
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.6 100.0
 174 93.7 77.4 116.0





#47

Bromodichloromethane

Concen: 18.113 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

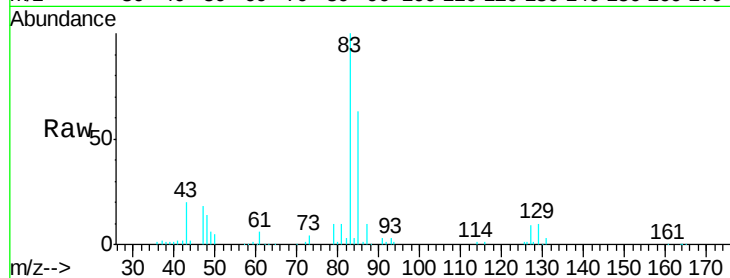
Tgt Ion: 83 Resp: 52090

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

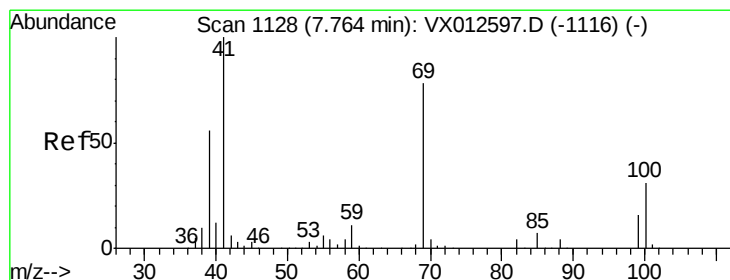
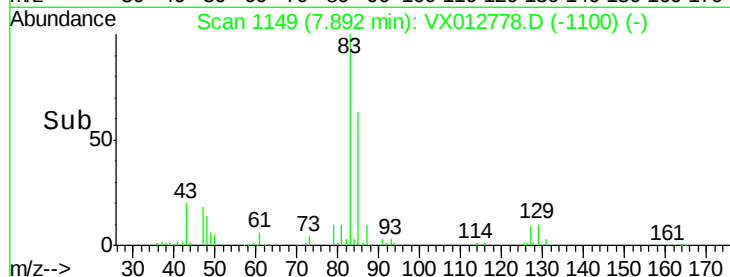
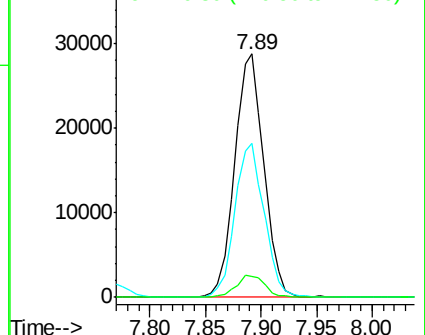
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.028 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

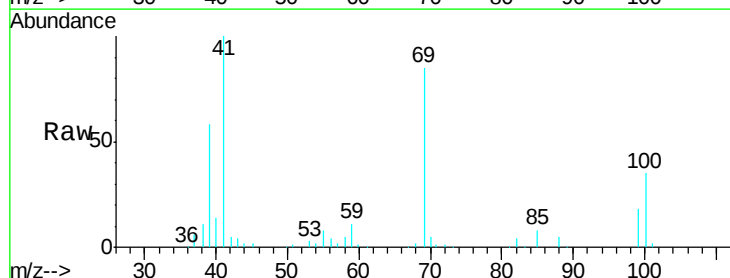
Tgt Ion: 41 Resp: 44784

Ion Ratio Lower Upper

41 100

69 82.9 59.9 89.9

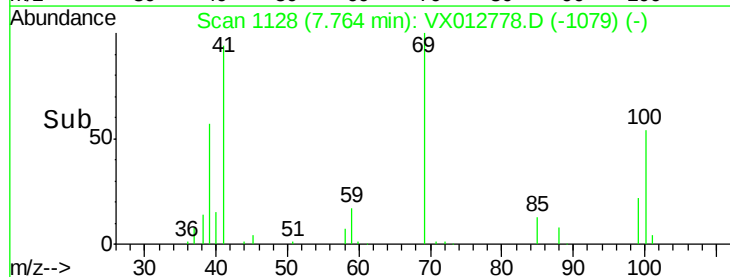
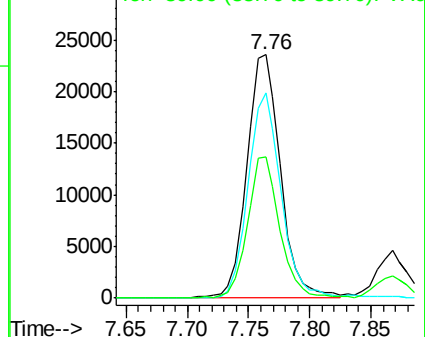
39 56.3 47.8 71.6

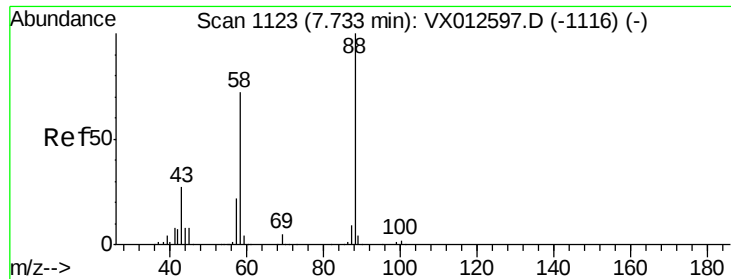


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

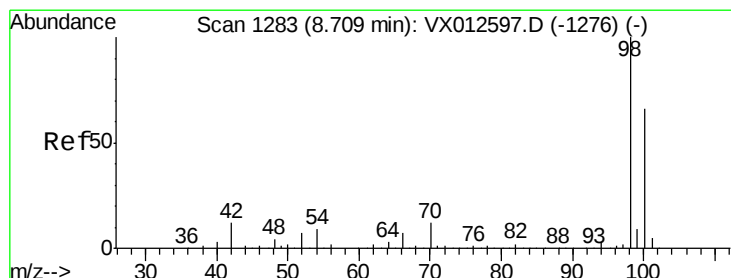
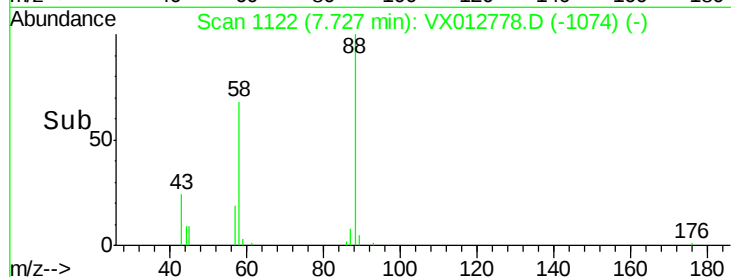
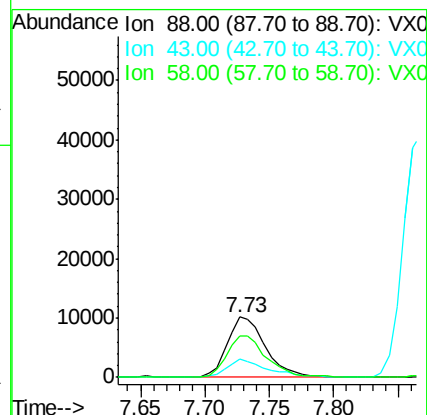
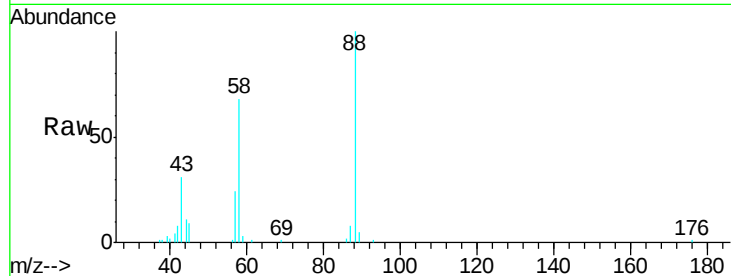




#49
1,4-Dioxane
Concen: 351.575 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

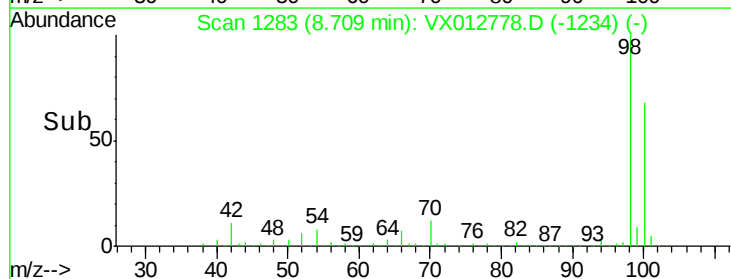
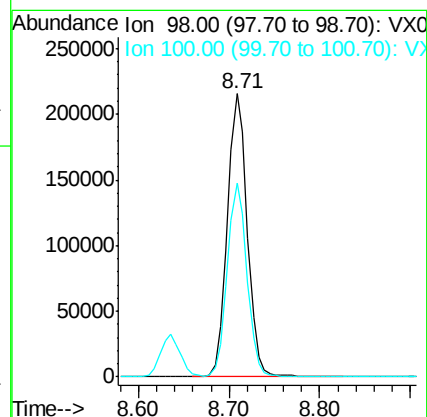
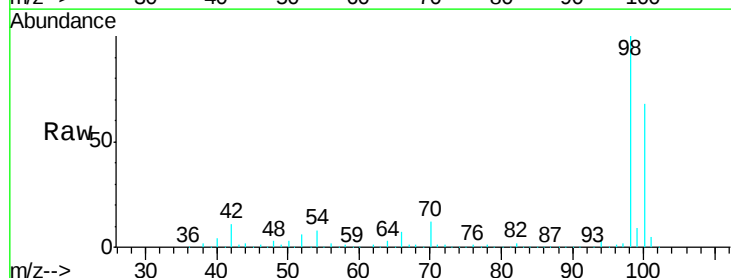
Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

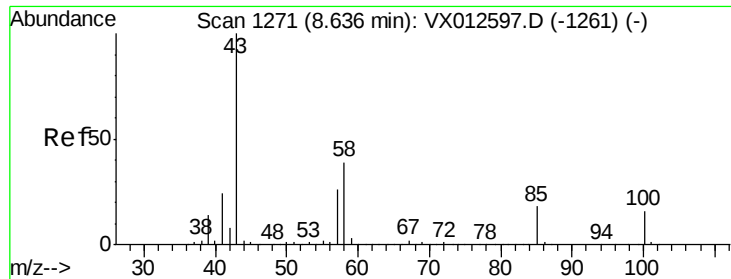
Tgt Ion: 88 Resp: 20973
Ion Ratio Lower Upper
88 100
43 33.4 29.4 44.0
58 71.0 57.5 86.3



#50
Toluene-d8
Concen: 49.519 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 98 Resp: 330561
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 88.055 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

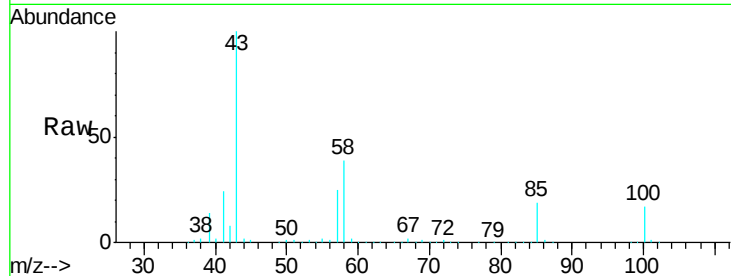
VX1003WBS01

Tgt Ion: 43 Resp: 298140

Ion Ratio Lower Upper

43 100

58 39.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

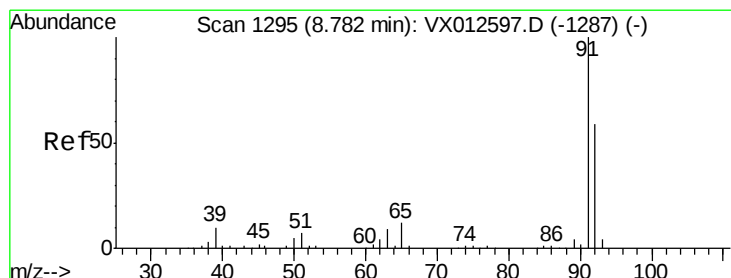
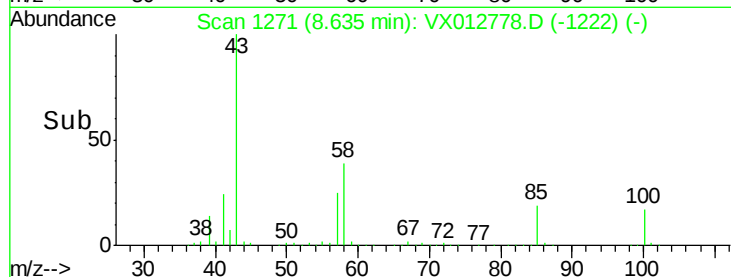
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.461 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012778.D

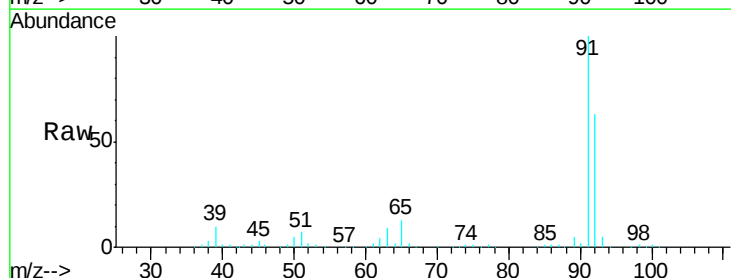
Acq: 03 Oct 2019 13:07

Tgt Ion: 92 Resp: 100963

Ion Ratio Lower Upper

92 100

91 163.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

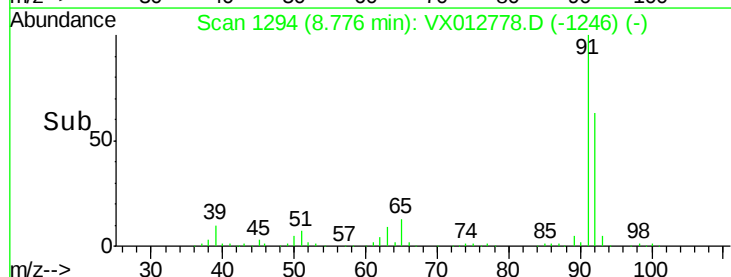
60000

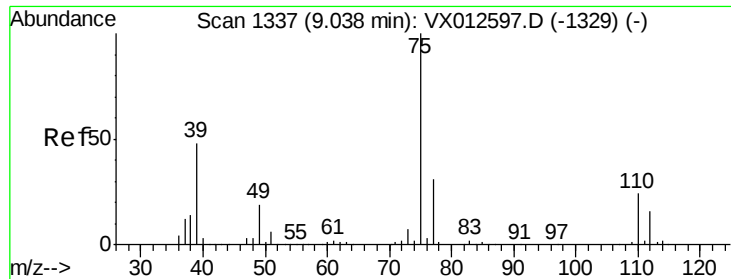
40000

20000

0

Time--> 8.70 8.80 8.90

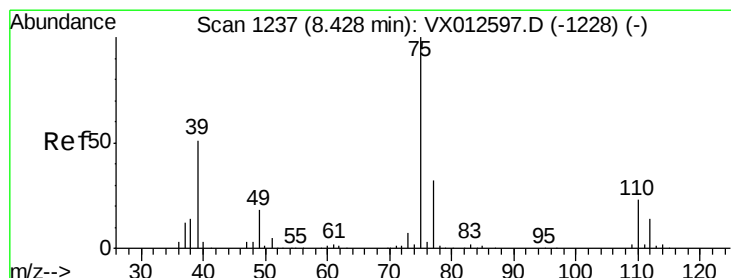
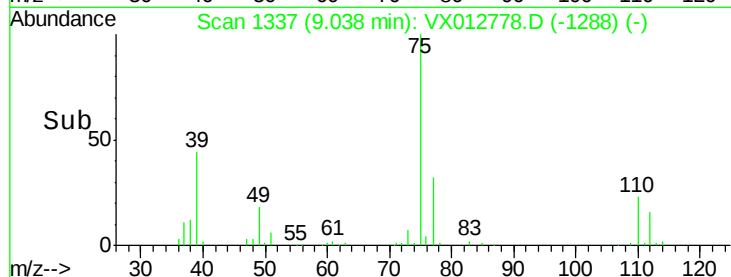
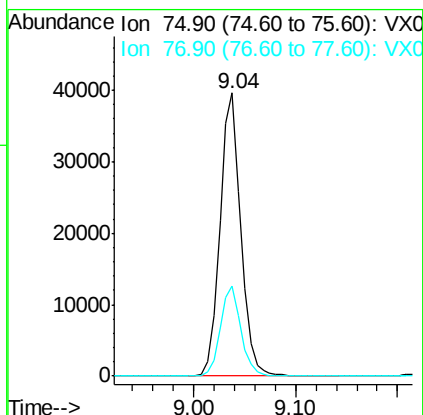
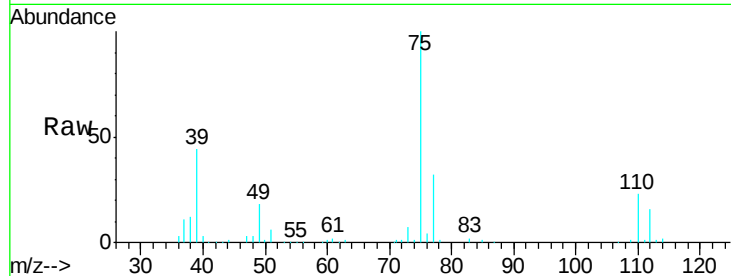




#53
 t-1,3-Dichloropropene
 Concen: 17.707 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

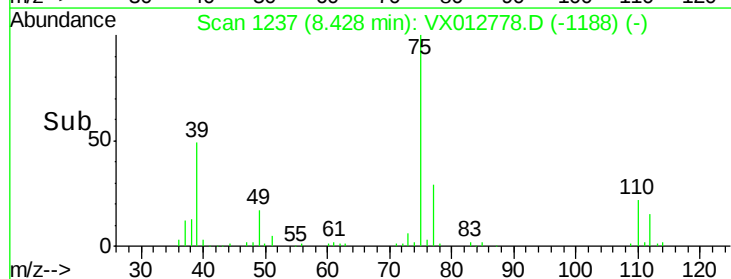
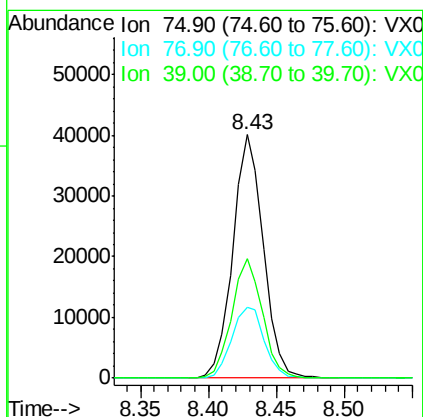
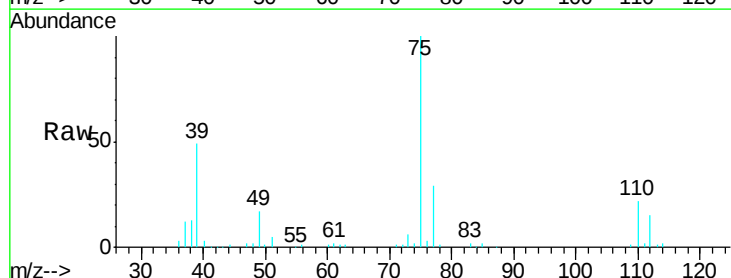
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

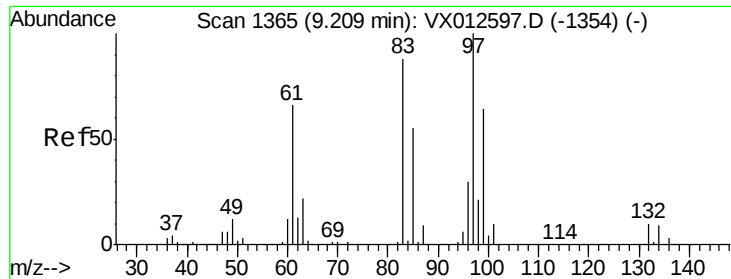
Tgt Ion: 75 Resp: 56339
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.955 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 75 Resp: 62376
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.8 38.8
 39 49.0 45.5 68.3

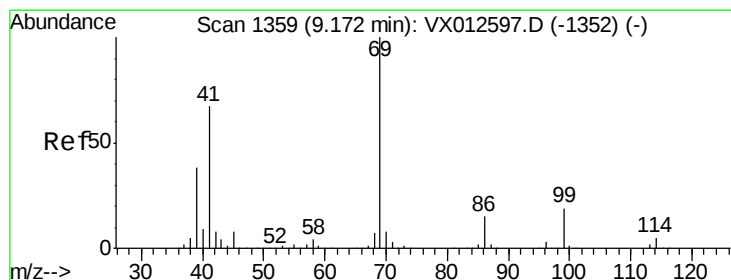
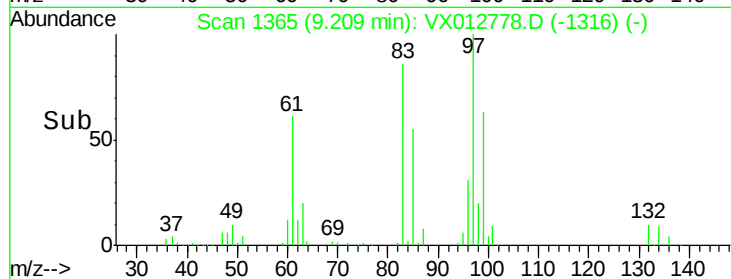
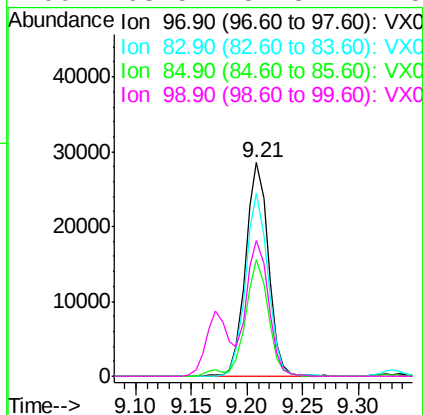
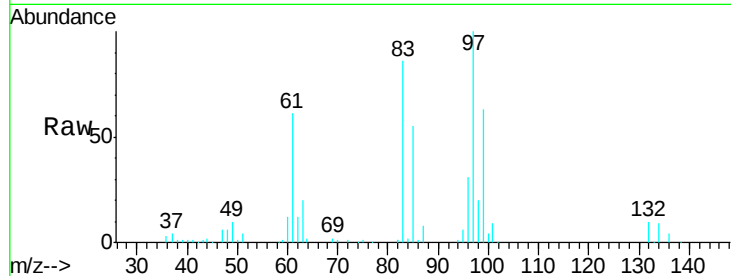




#55
 1,1,2-Trichloroethane
 Concen: 19.683 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

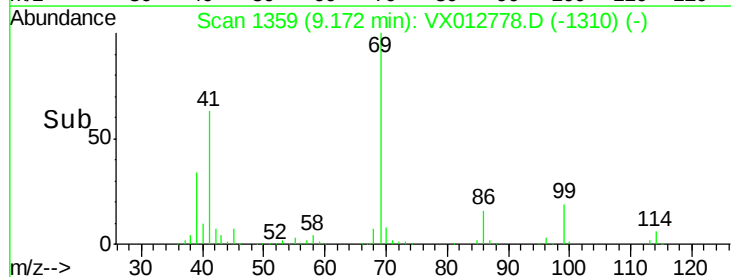
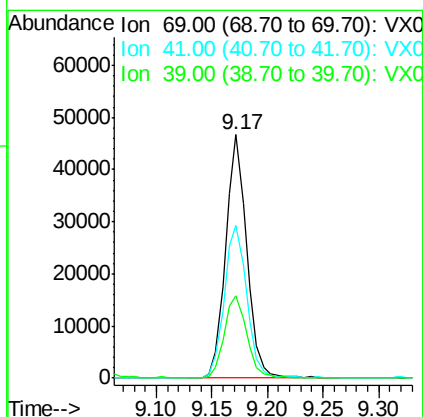
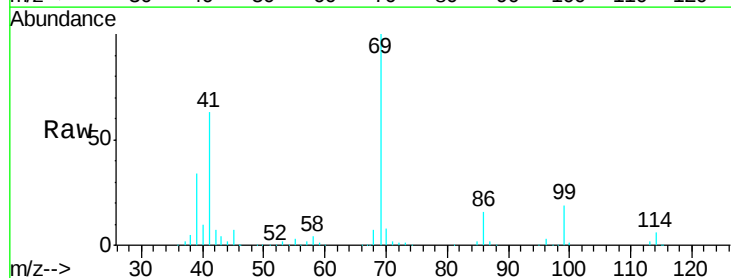
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

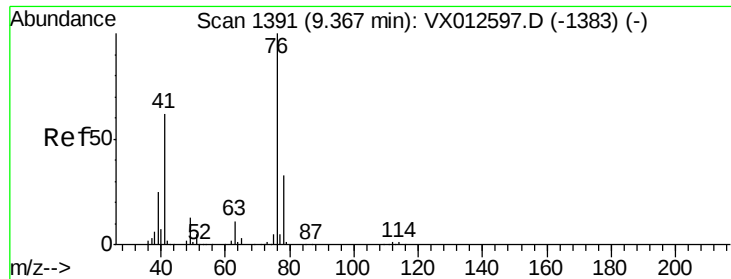
Tgt Ion: 97 Resp: 40599
 Ion Ratio Lower Upper
 97 100
 83 85.9 67.4 101.2
 85 54.7 43.5 65.3
 99 63.5 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 17.747 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 69 Resp: 61497
 Ion Ratio Lower Upper
 69 100
 41 67.2 58.4 87.6
 39 35.7 33.4 50.0





#57

1,3-Dichloropropane

Concen: 18.876 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

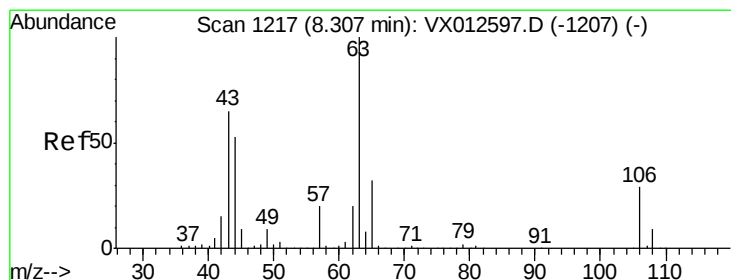
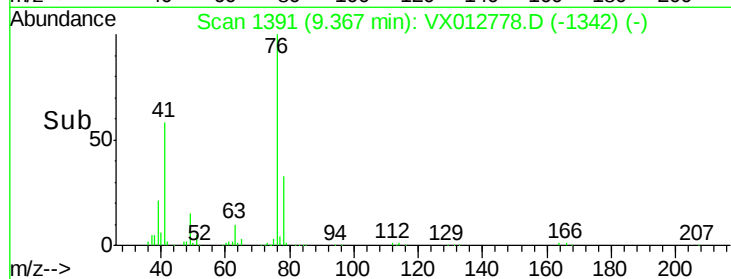
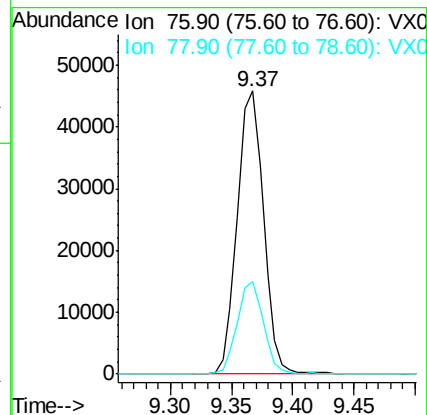
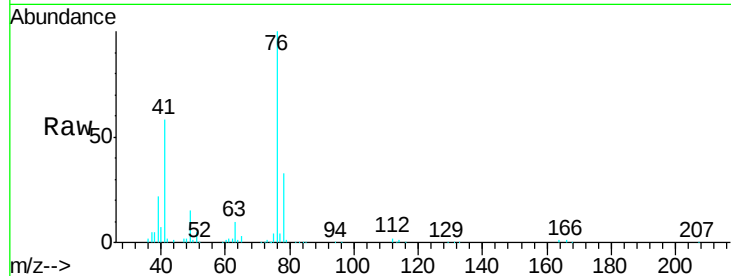
VX1003WBS01

Tgt Ion: 76 Resp: 68141

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 100.436 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012778.D

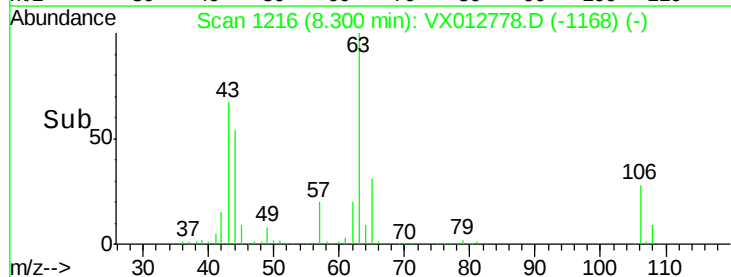
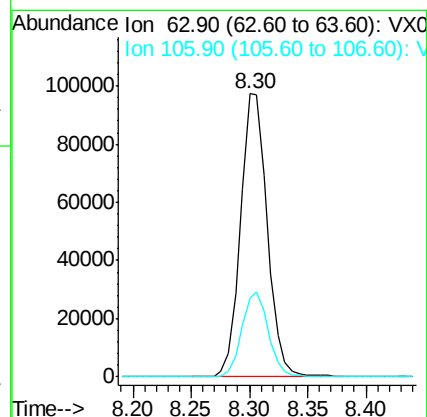
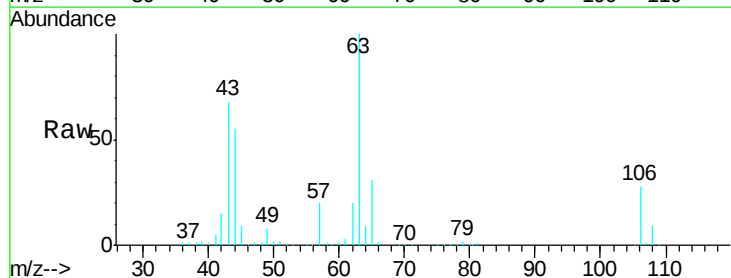
Acq: 03 Oct 2019 13:07

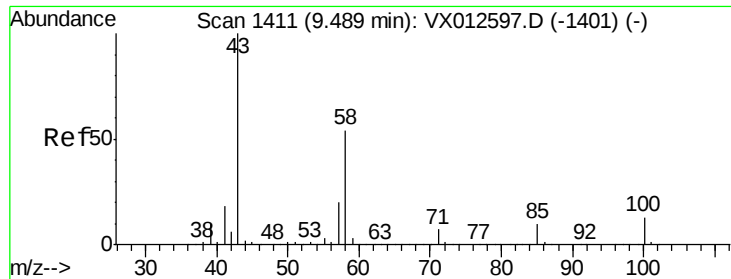
Tgt Ion: 63 Resp: 156223

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.6

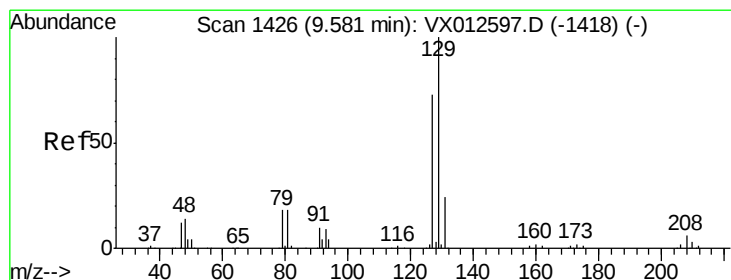
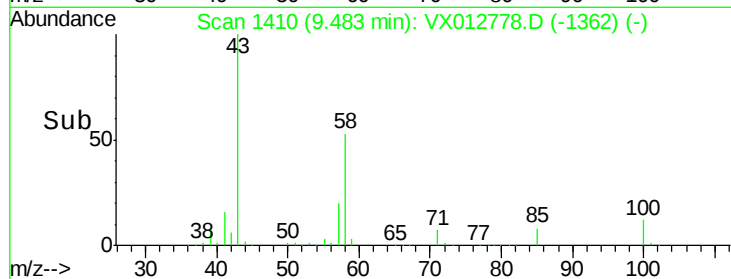
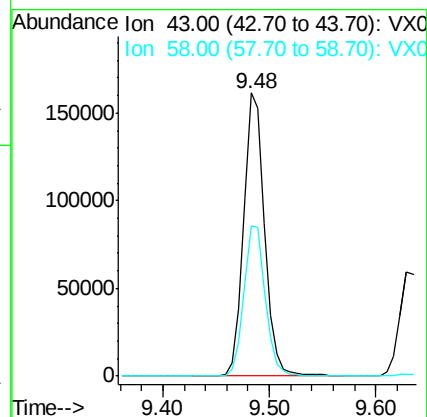
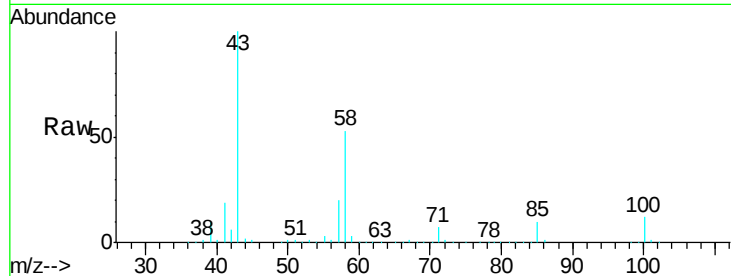




#59
2-Hexanone
Concen: 86.411 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

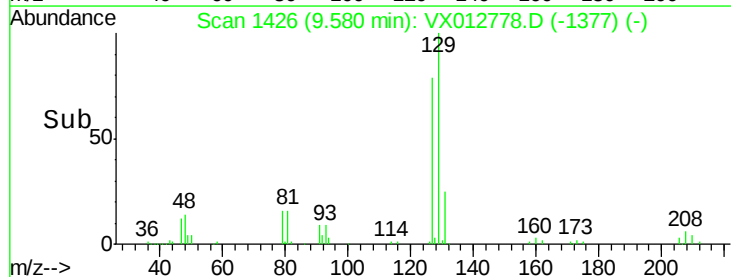
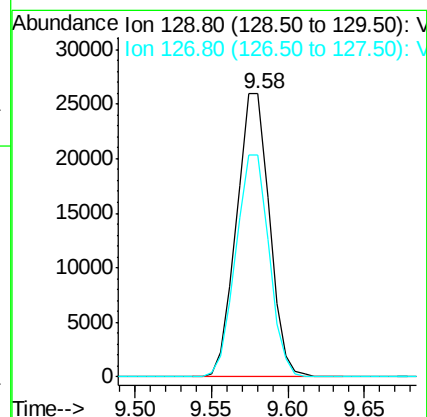
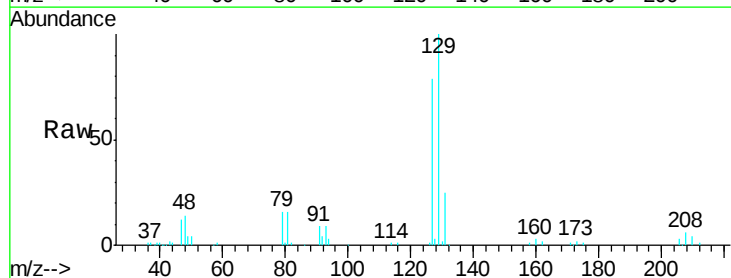
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

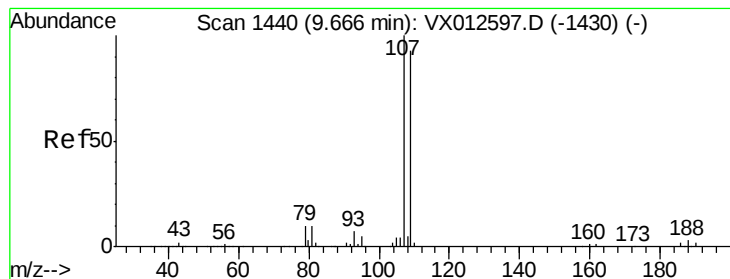
Tgt Ion: 43 Resp: 223948
Ion Ratio Lower Upper
43 100
58 54.8 25.7 77.1



#60
Dibromochloromethane
Concen: 18.597 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 129 Resp: 38831
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.822 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

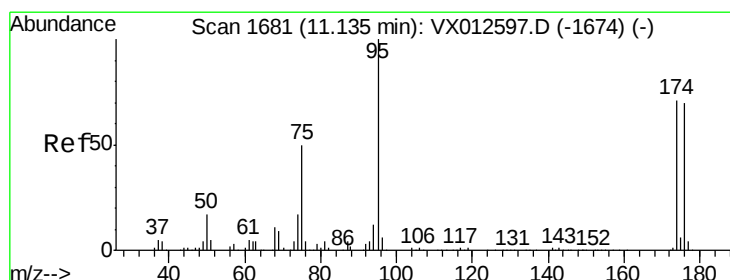
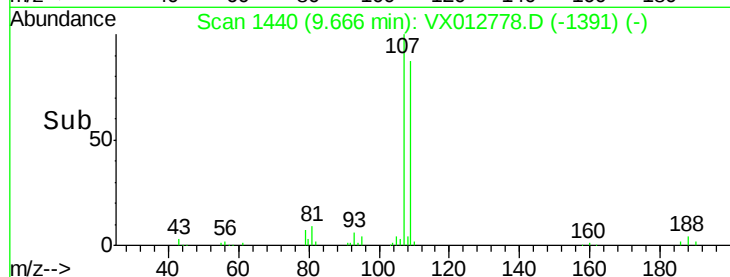
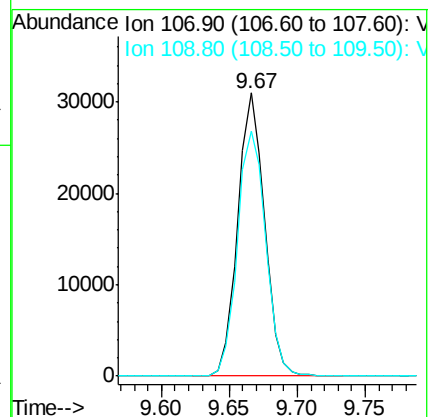
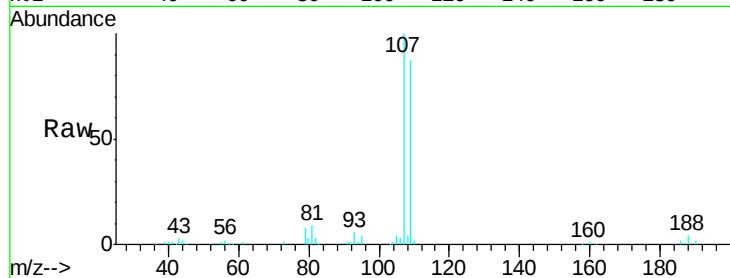
VX1003WBS01

Tgt Ion: 107 Resp: 42550

Ion Ratio Lower Upper

107 100

109 91.2 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 48.930 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

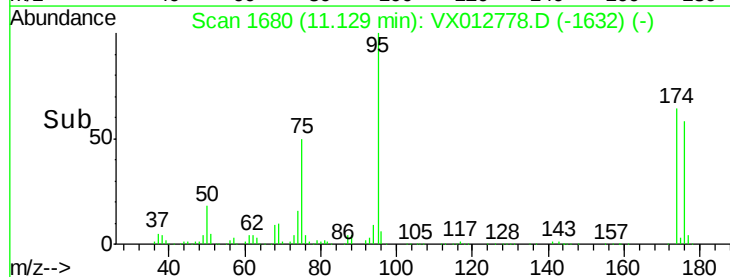
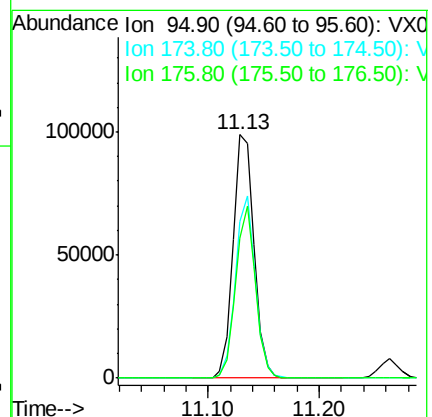
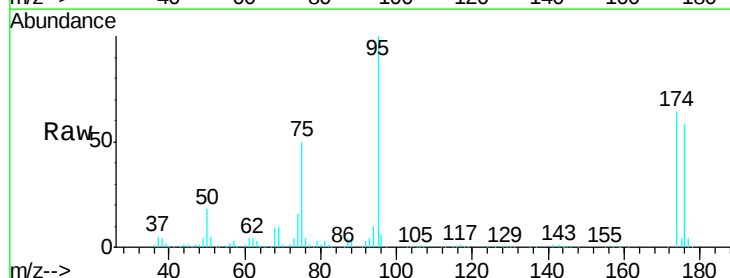
Tgt Ion: 95 Resp: 128430

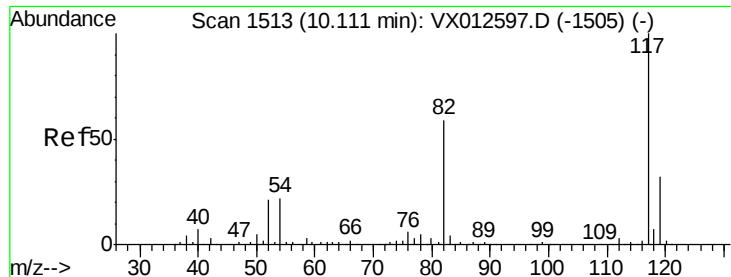
Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.0

176 66.5 0.0 135.4

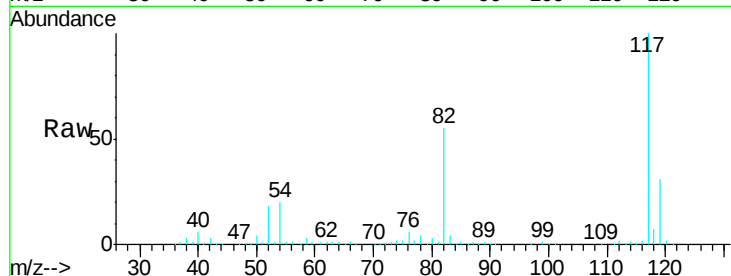




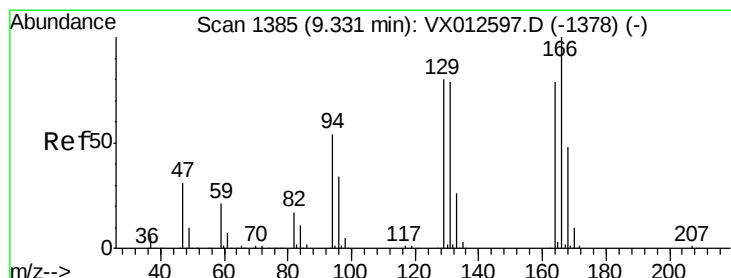
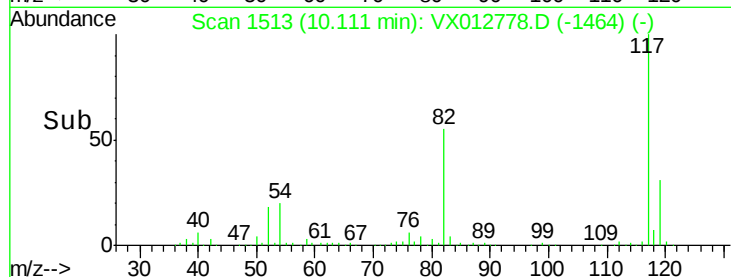
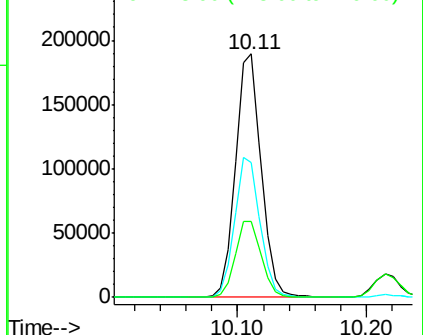
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tgt Ion:117 Resp: 262259
Ion Ratio Lower Upper
117 100
82 55.1 45.9 68.9
119 31.1 25.3 37.9



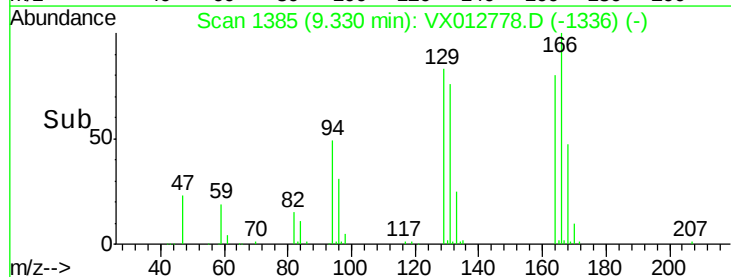
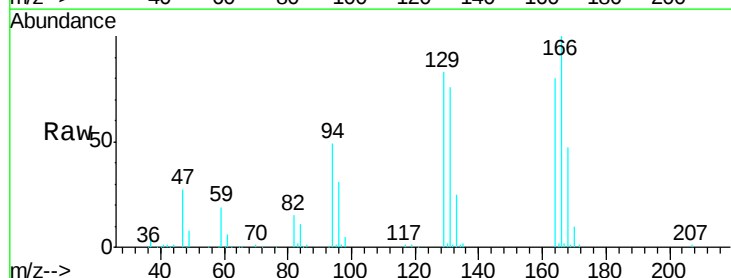
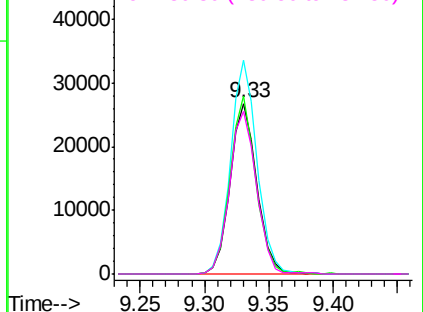
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

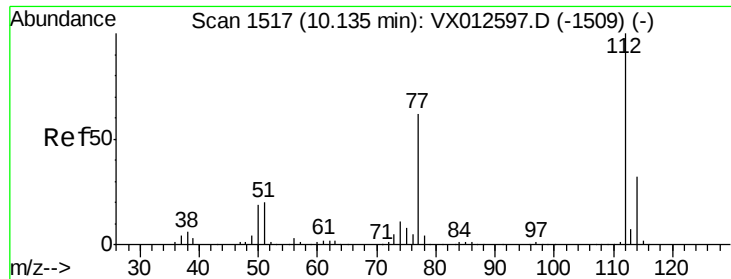


#64
Tetrachloroethene
Concen: 21.089 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:164 Resp: 38562
Ion Ratio Lower Upper
164 100
166 125.1 107.8 161.6
129 104.0 86.2 129.2
131 95.1 80.4 120.6

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

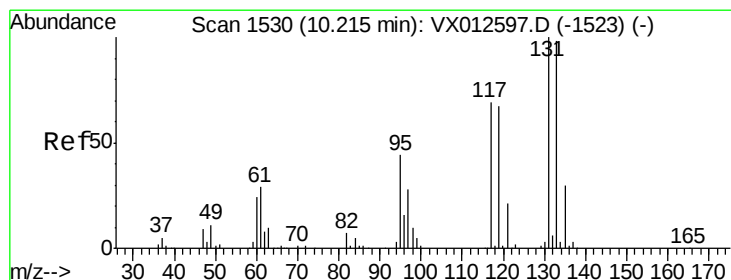
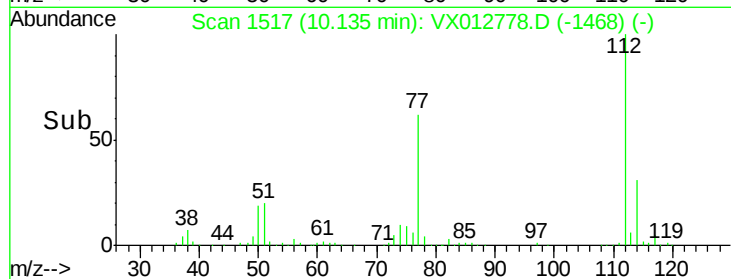
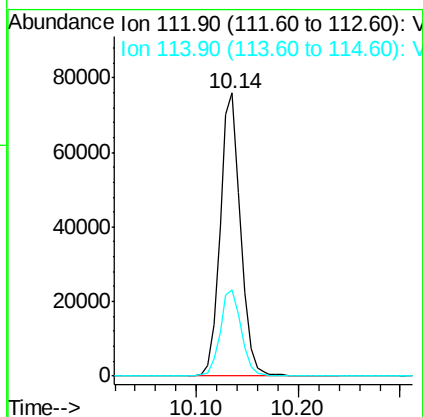
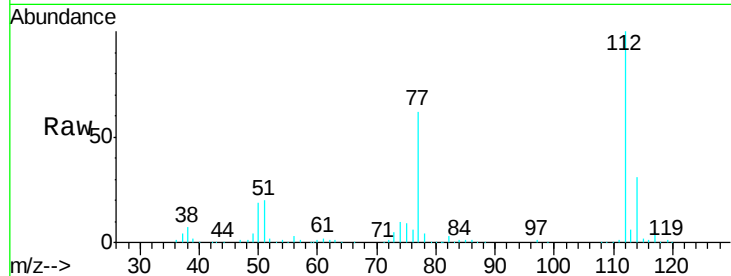




#65
Chlorobenzene
Concen: 19.030 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

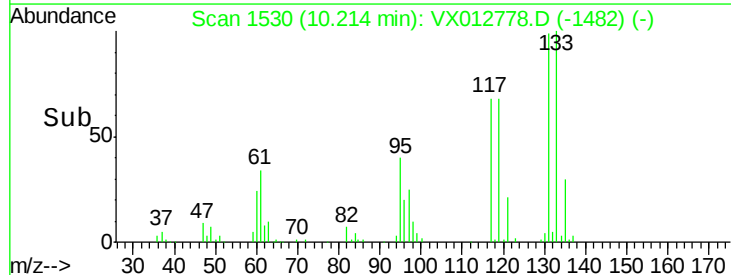
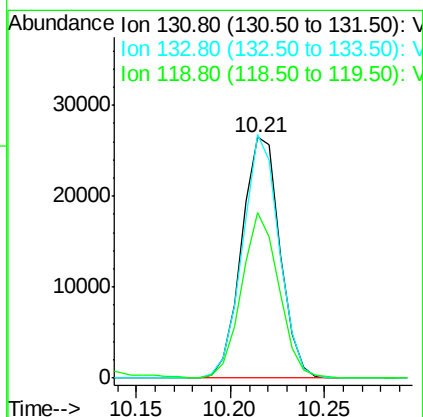
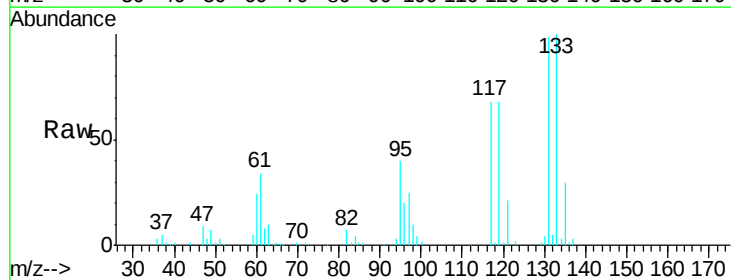
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

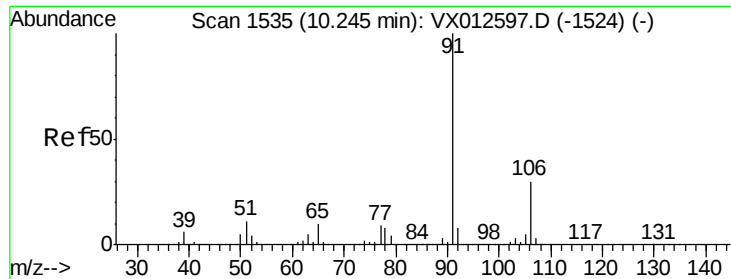
Tgt Ion:112 Resp: 105096
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.604 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:131 Resp: 37226
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 66.9 31.3 93.8

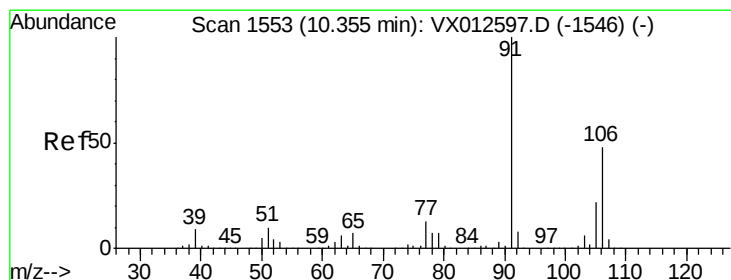
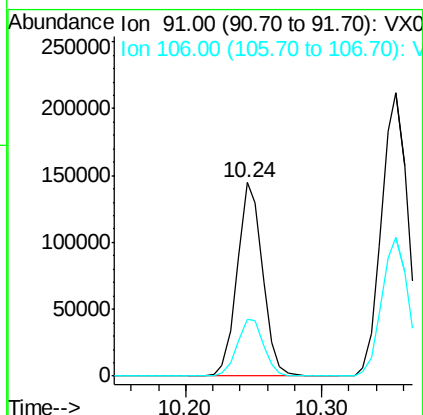
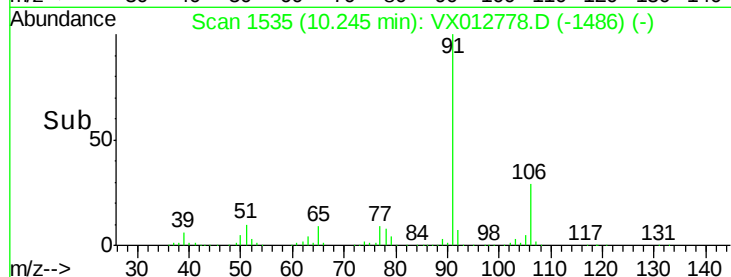
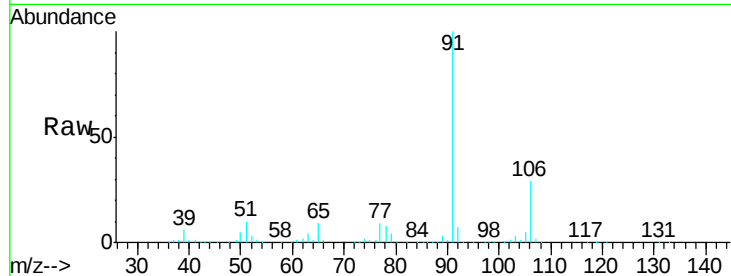




#67
Ethyl Benzene
Concen: 18.737 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

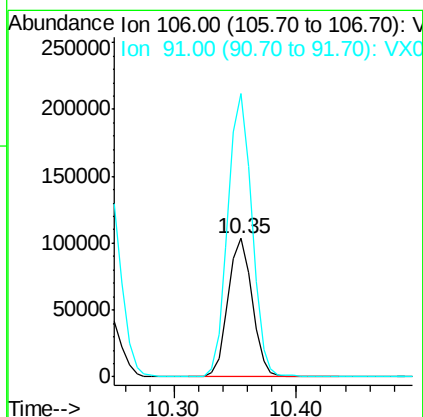
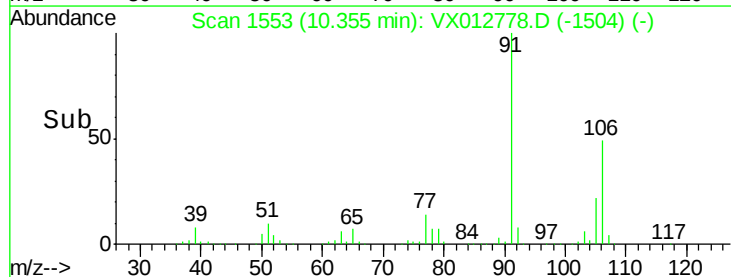
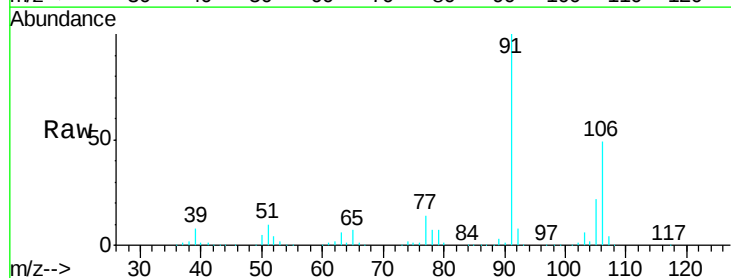
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

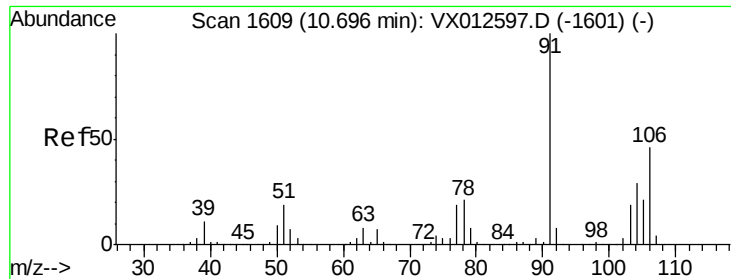
Tgt Ion: 91 Resp: 187683
Ion Ratio Lower Upper
91 100
106 29.5 24.6 37.0



#68
m/p-Xylenes
Concen: 37.623 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 106 Resp: 141172
Ion Ratio Lower Upper
106 100
91 204.8 166.6 250.0

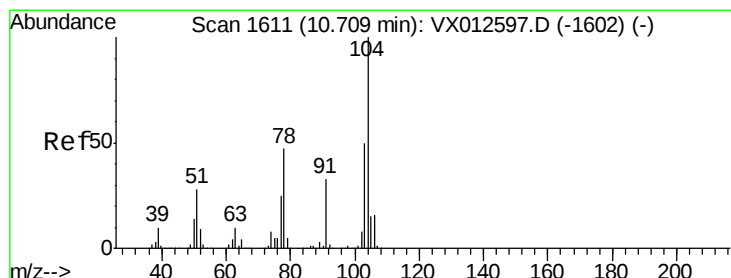
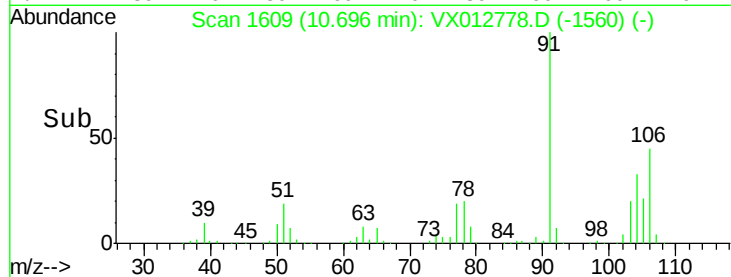
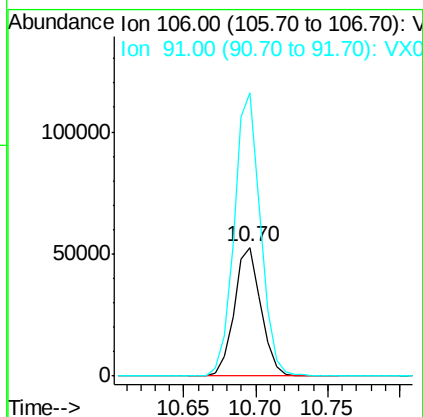
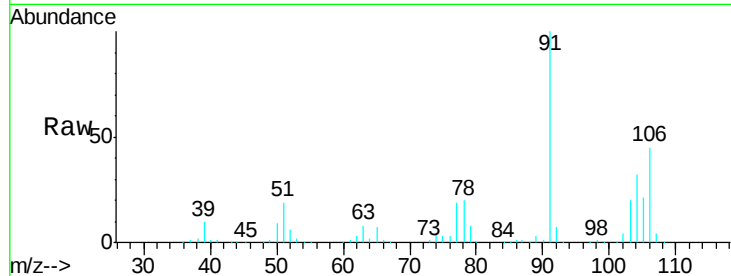




#69
o-Xylene
Concen: 18.683 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

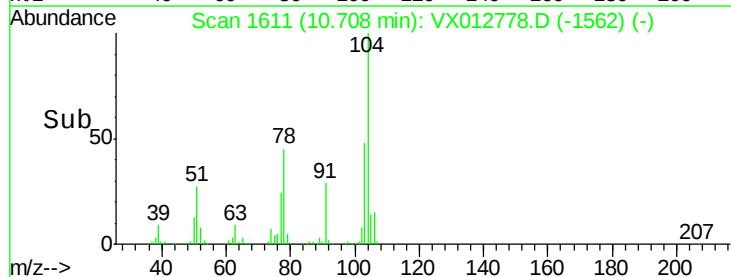
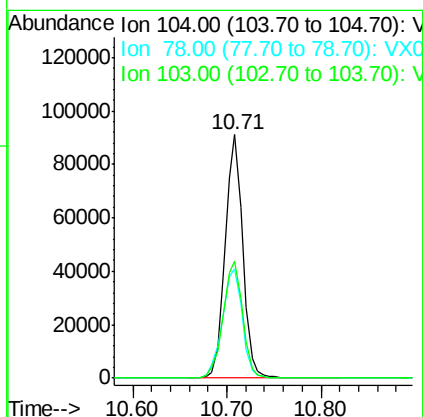
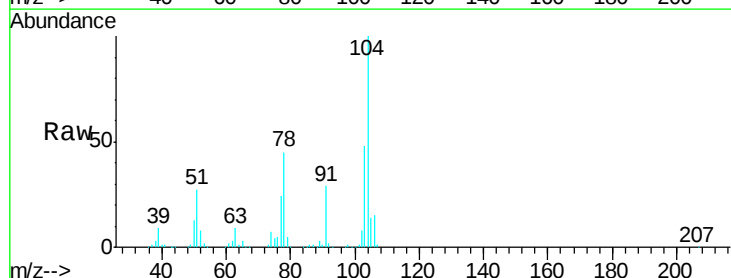
Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

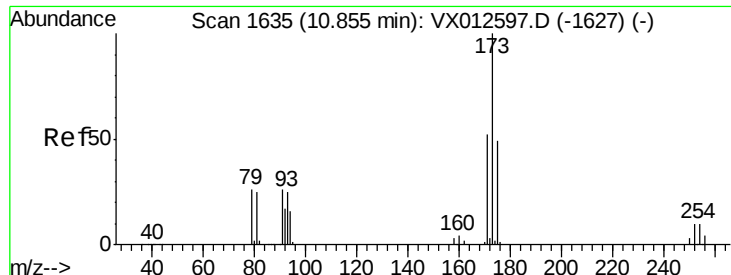
Tgt Ion:106 Resp: 67834
Ion Ratio Lower Upper
106 100
91 218.0 109.4 328.2



#70
Styrene
Concen: 19.324 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:104 Resp: 117619
Ion Ratio Lower Upper
104 100
78 51.3 43.4 65.2
103 53.5 43.3 64.9





#71

Bromoform

Concen: 17.885 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

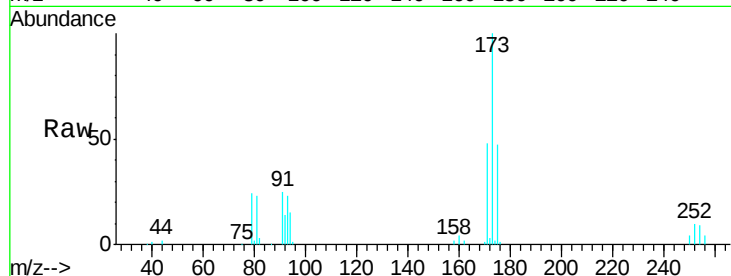
Tgt Ion:173 Resp: 24919

Ion Ratio Lower Upper

173 100

175 49.2 23.7 71.1

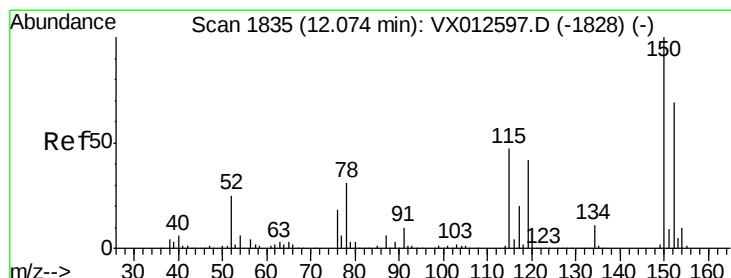
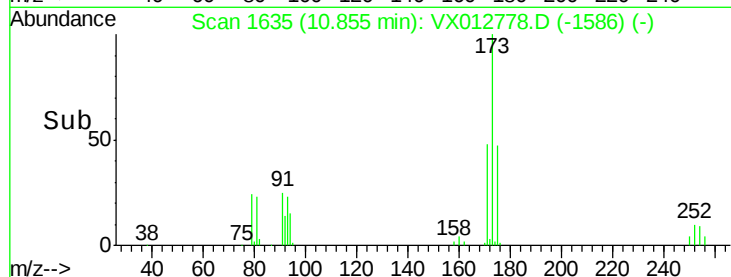
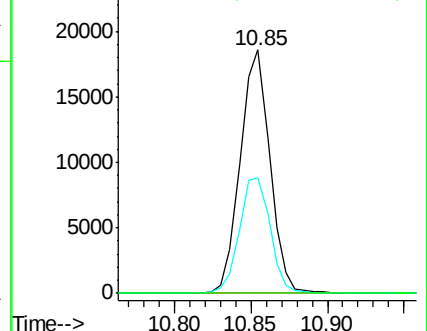
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

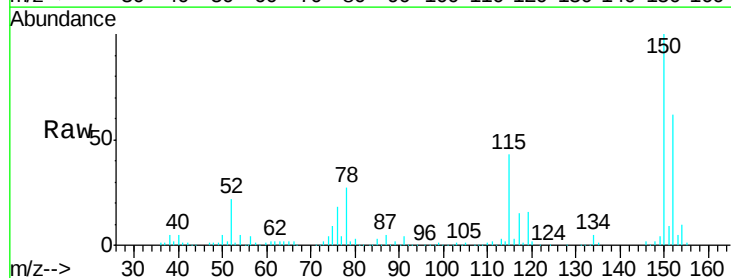
Tgt Ion:152 Resp: 121050

Ion Ratio Lower Upper

152 100

115 73.4 44.1 132.3

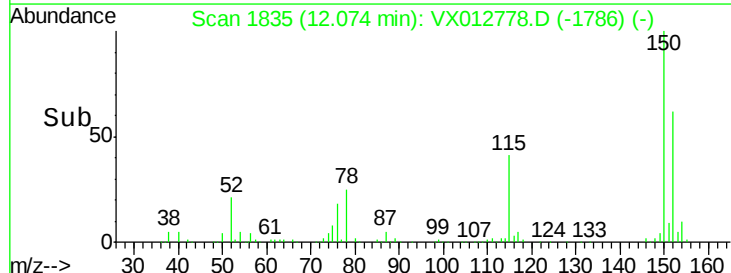
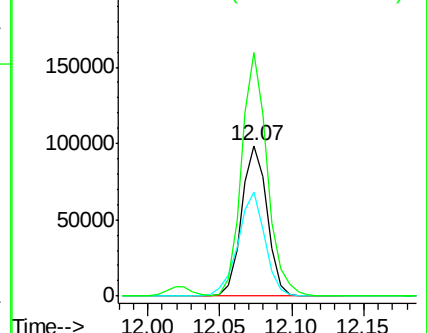
150 162.8 0.0 343.8

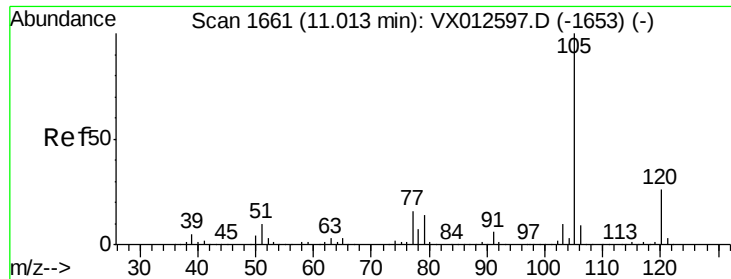


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.871 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

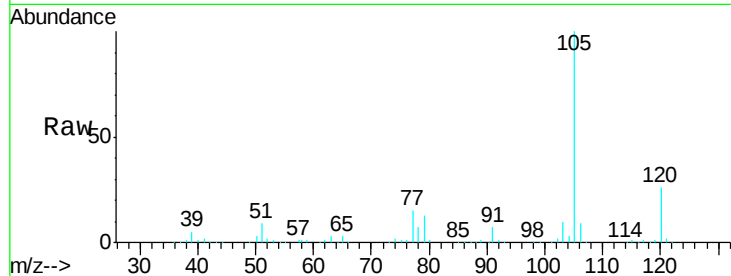
VX1003WBS01

Tgt Ion: 105 Resp: 186047

Ion Ratio Lower Upper

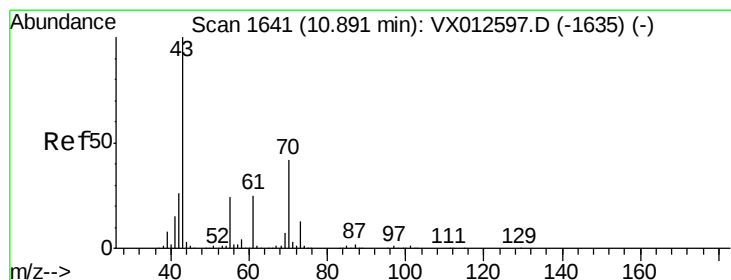
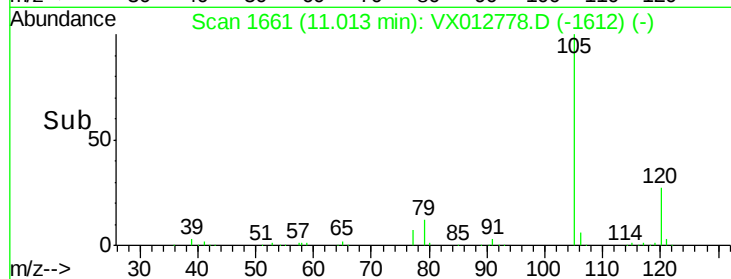
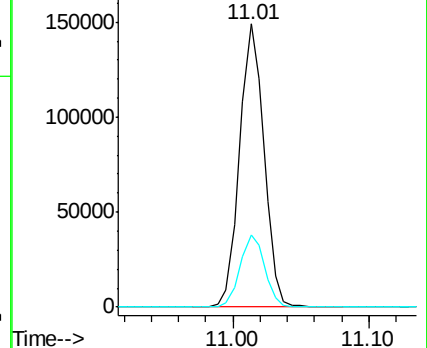
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.112 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion: 43 Resp: 75783

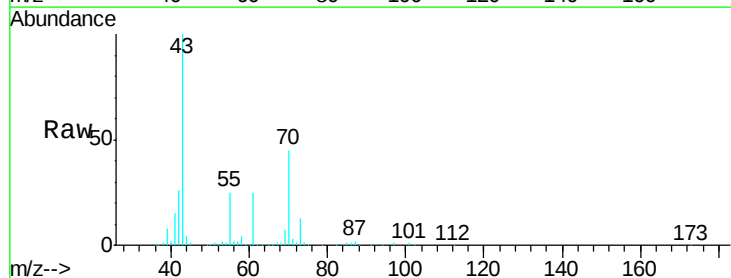
Ion Ratio Lower Upper

43 100

70 45.6 32.4 48.6

55 25.4 18.2 27.4

61 24.3 18.5 27.7

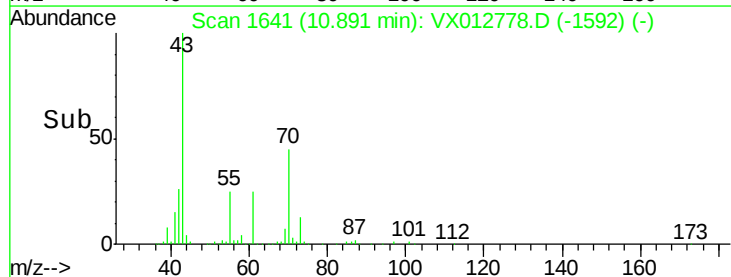
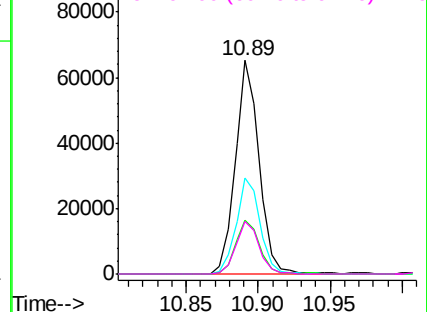


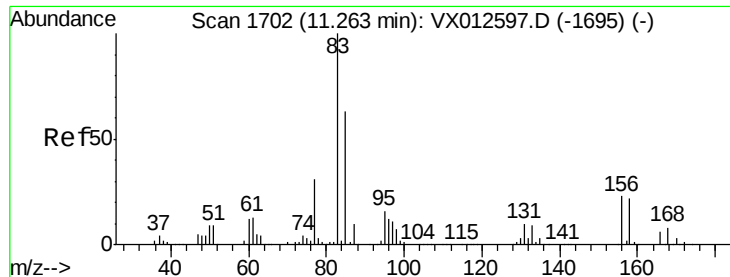
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.346 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

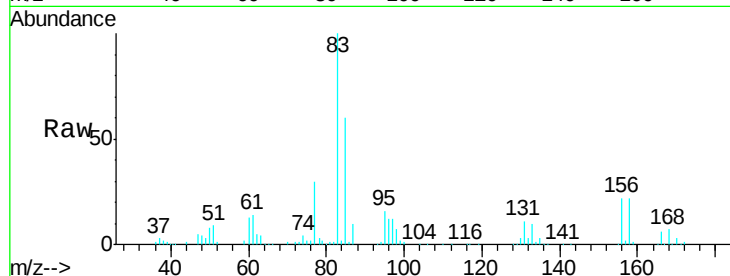
Tgt Ion: 83 Resp: 59903

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

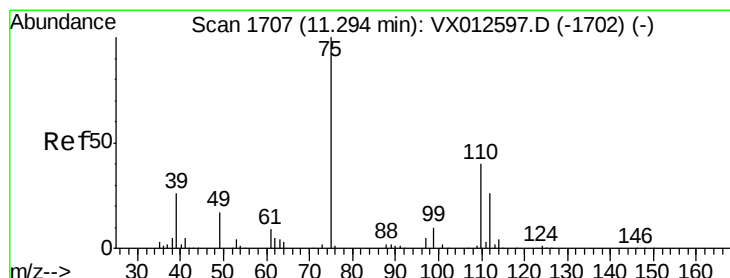
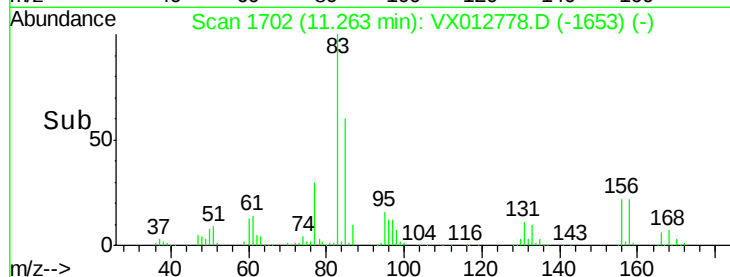
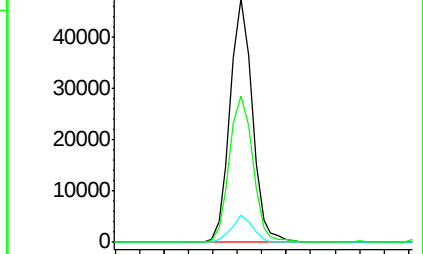
85 63.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.199 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012778.D

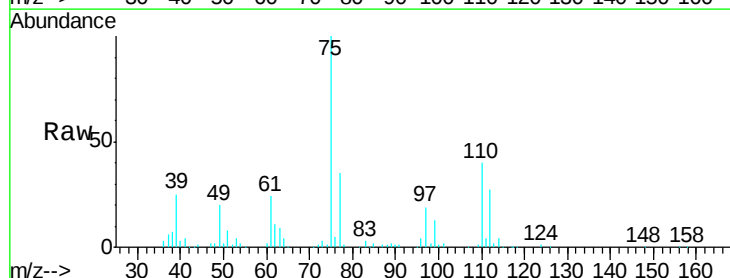
Acq: 03 Oct 2019 13:07

Tgt Ion: 75 Resp: 67881

Ion Ratio Lower Upper

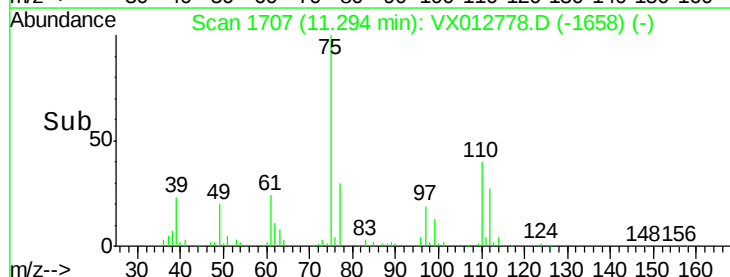
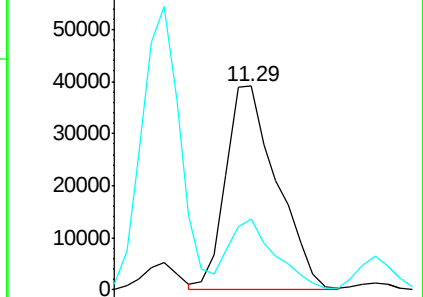
75 100

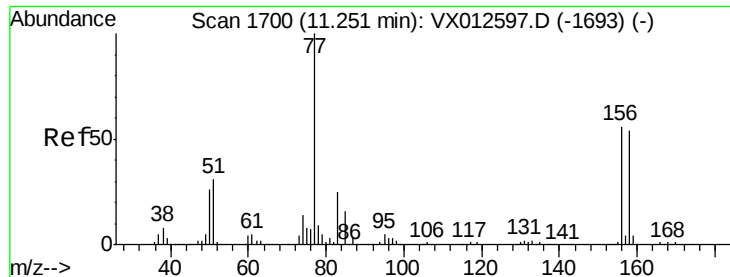
77 31.5 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.031 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

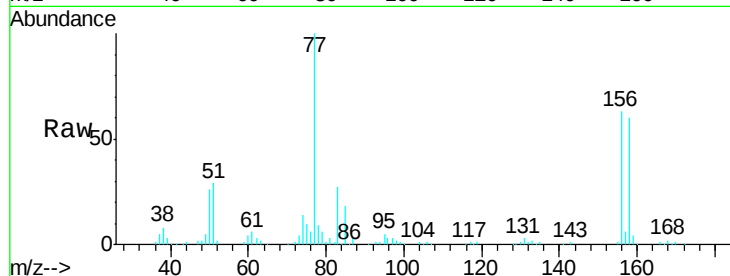
Tgt Ion:156 Resp: 42466

Ion Ratio Lower Upper

156 100

77 167.5 87.3 261.8

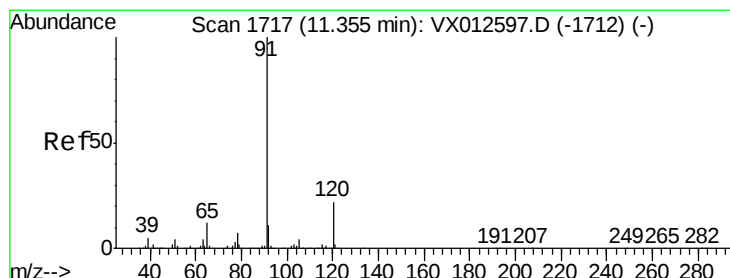
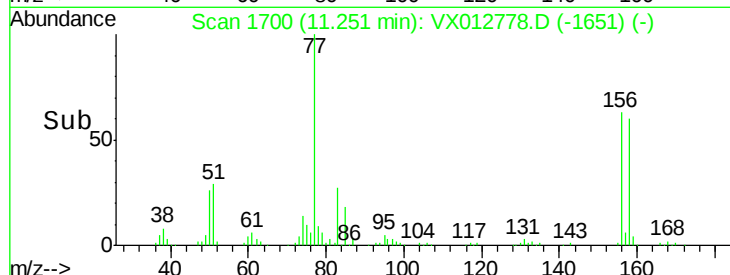
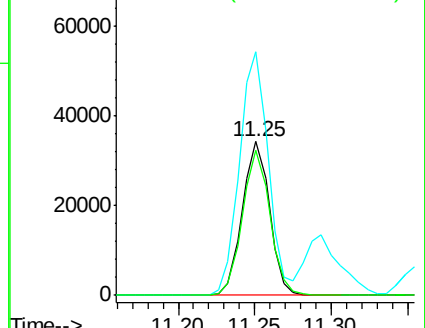
158 95.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.247 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012778.D

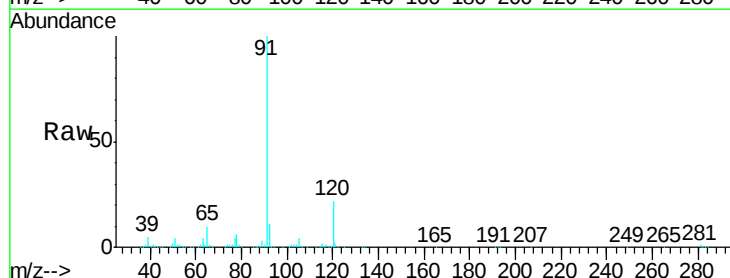
Acq: 03 Oct 2019 13:07

Tgt Ion: 91 Resp: 202535

Ion Ratio Lower Upper

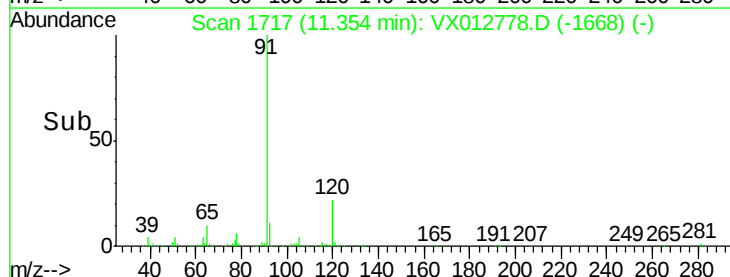
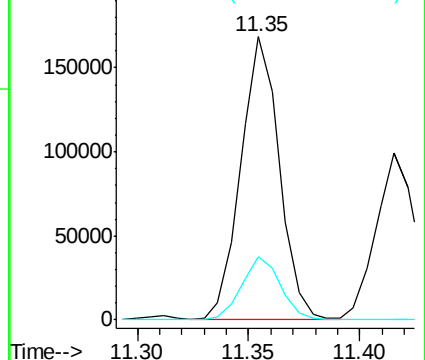
91 100

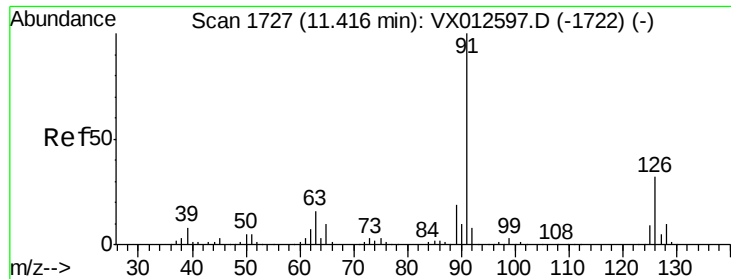
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

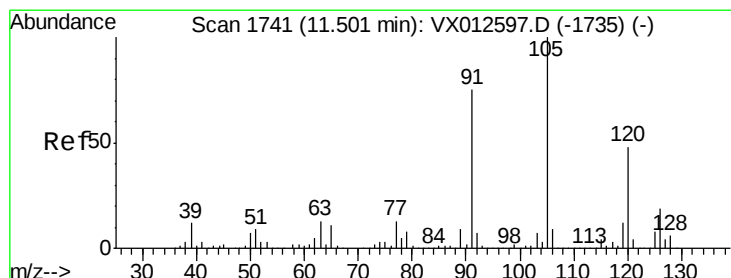
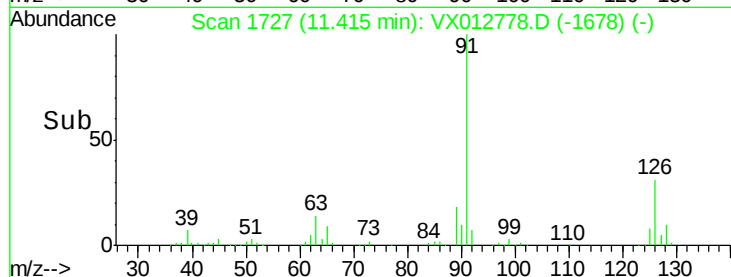
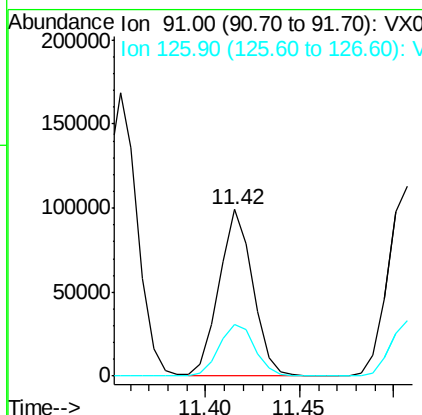
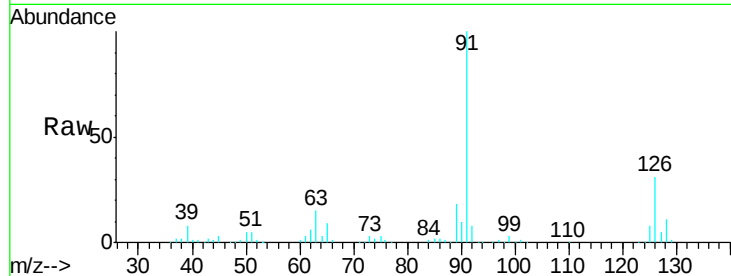




#79
 2-Chlorotoluene
 Concen: 17.640 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

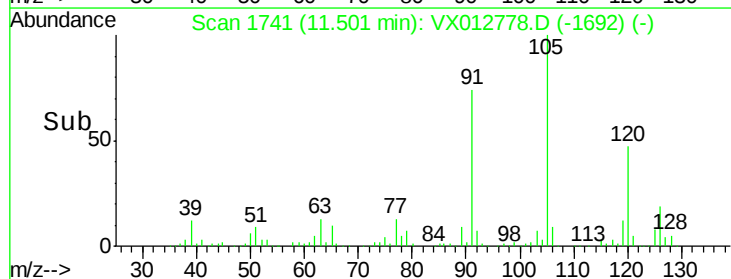
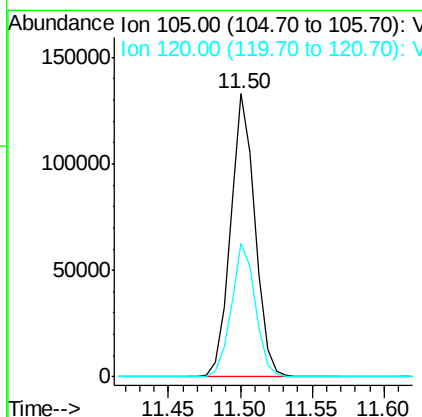
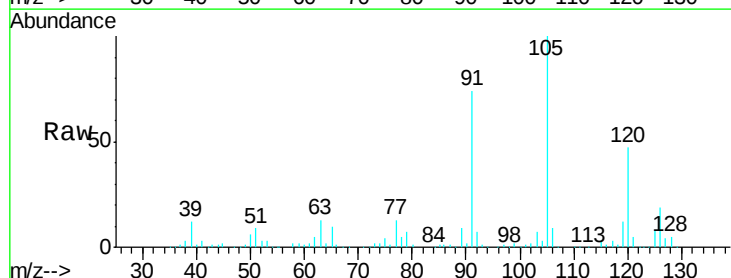
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

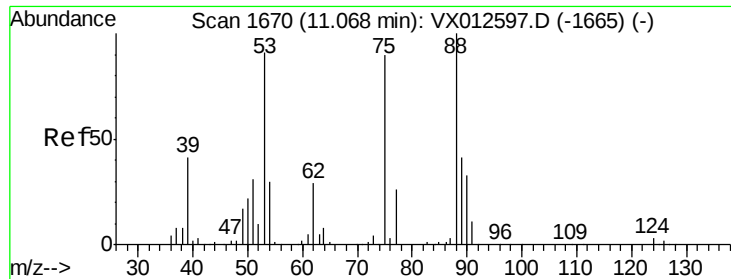
Tgt Ion: 91 Resp: 122143
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.081 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 105 Resp: 157757
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.035 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

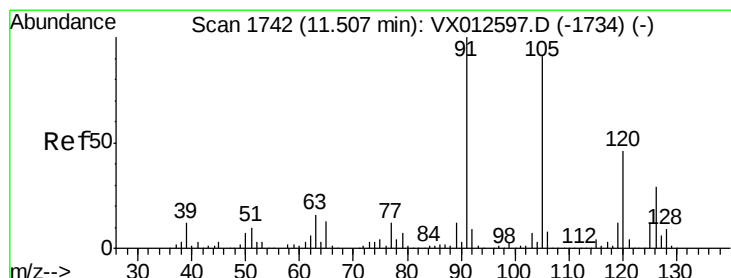
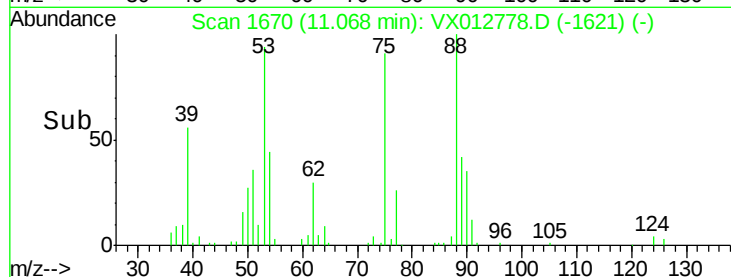
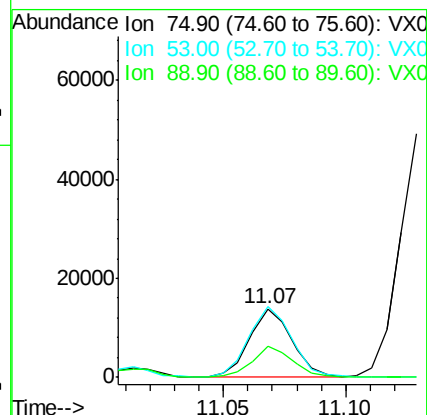
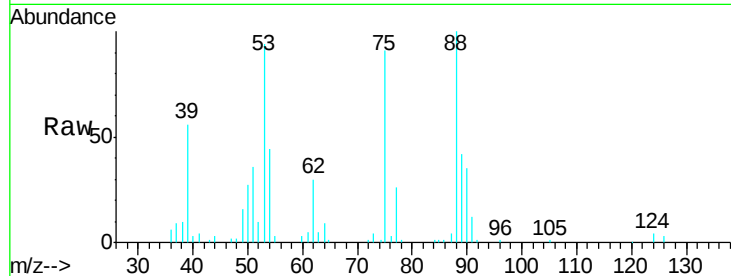
Tgt Ion: 75 Resp: 16799

Ion Ratio Lower Upper

75 100

53 105.1 83.6 125.4

89 43.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.913 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012778.D

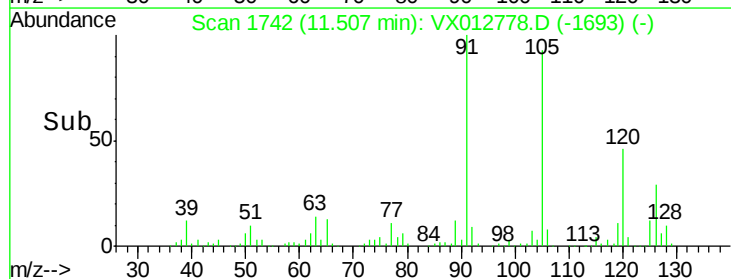
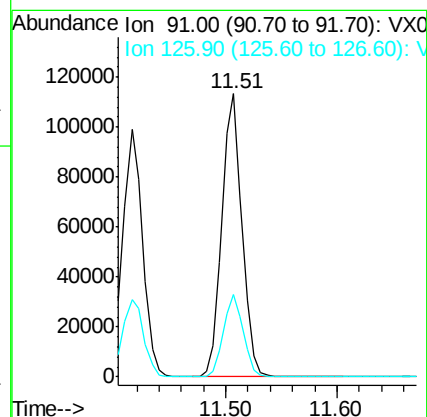
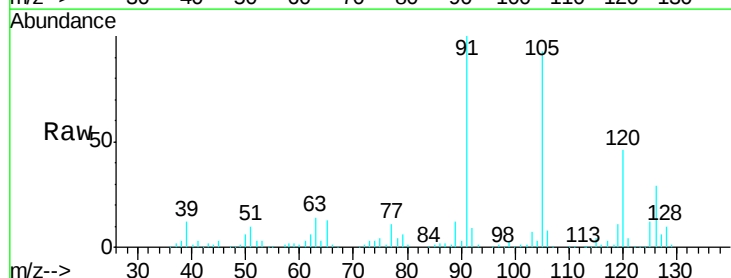
Acq: 03 Oct 2019 13:07

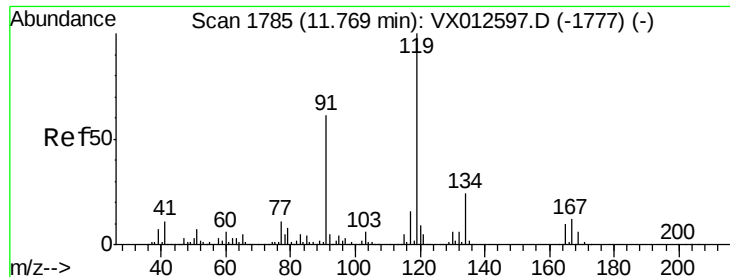
Tgt Ion: 91 Resp: 141395

Ion Ratio Lower Upper

91 100

126 28.8 14.4 43.0

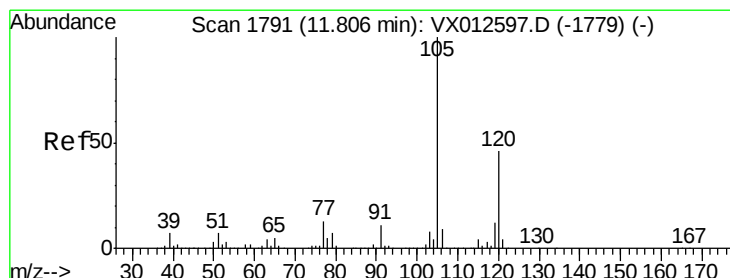
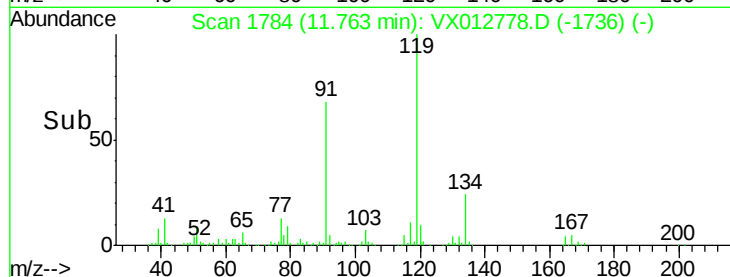
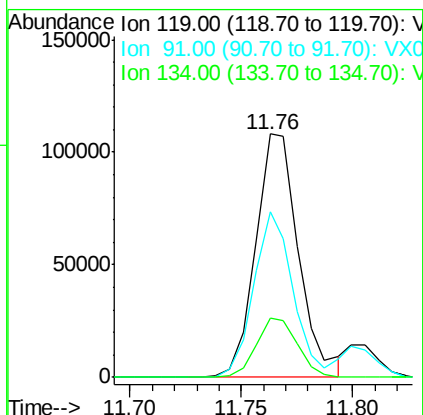
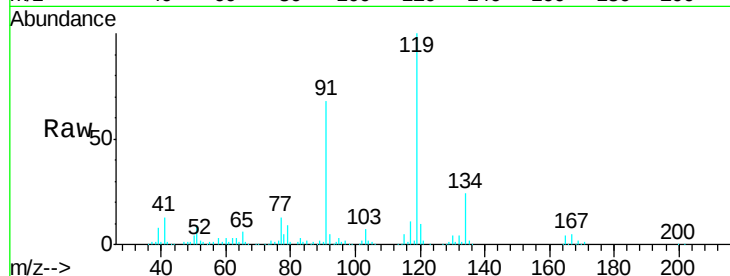




#83
 tert-Butylbenzene
 Concen: 18.213 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

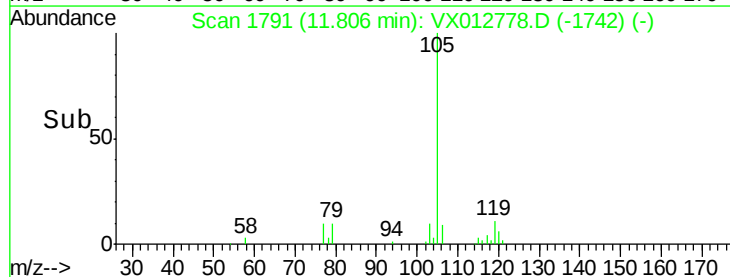
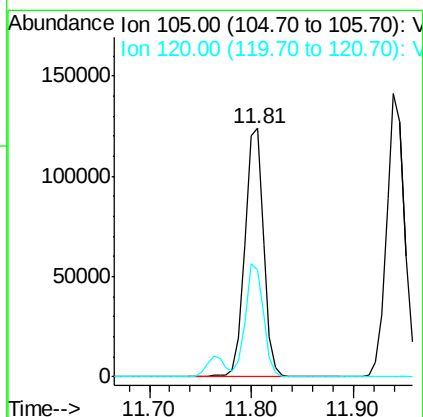
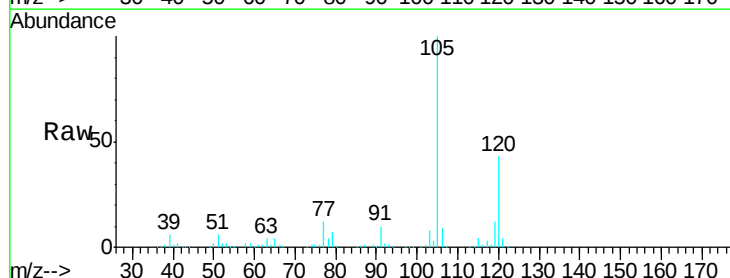
Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

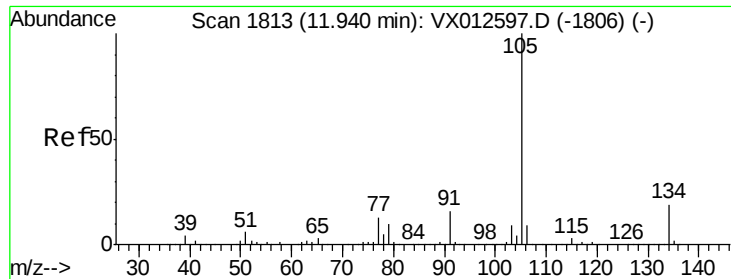
Tgt Ion:119 Resp: 145258
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.0 90.0
 134 23.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.799 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion:105 Resp: 156790
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.852 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

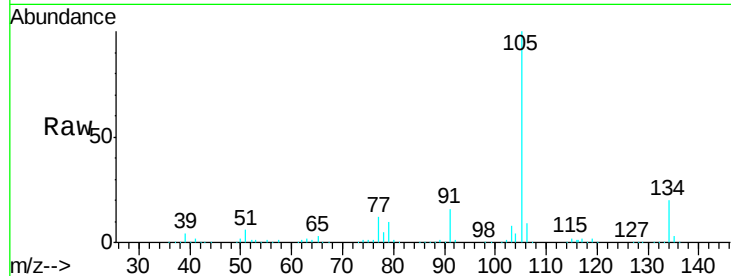
VX1003WBS01

Tgt Ion:105 Resp: 174876

Ion Ratio Lower Upper

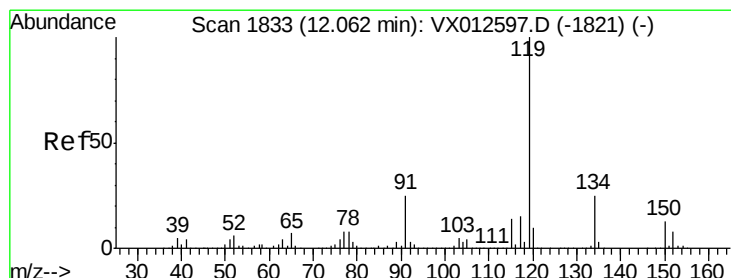
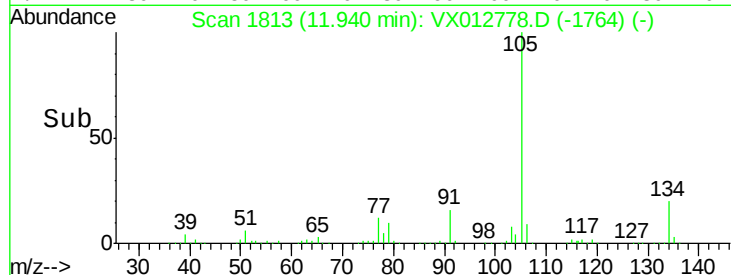
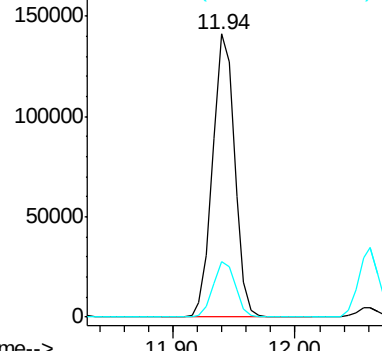
105 100

134 19.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.066 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

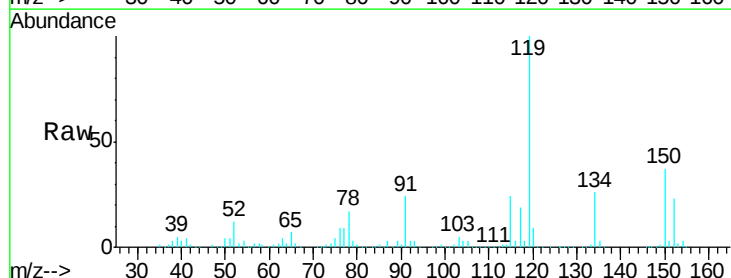
Tgt Ion:119 Resp: 159581

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

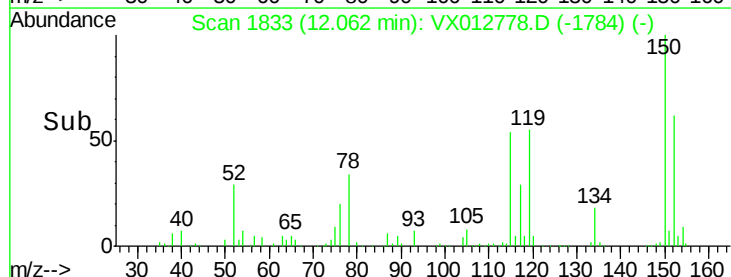
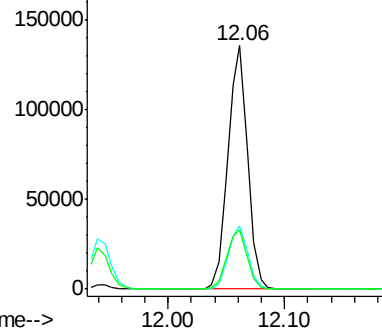
91 25.0 12.8 38.4

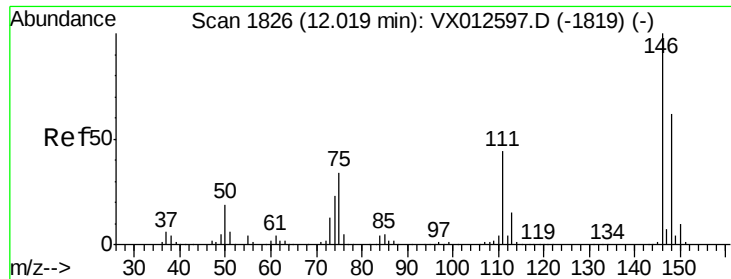


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

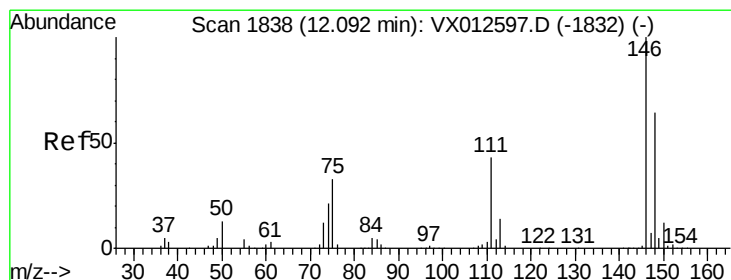
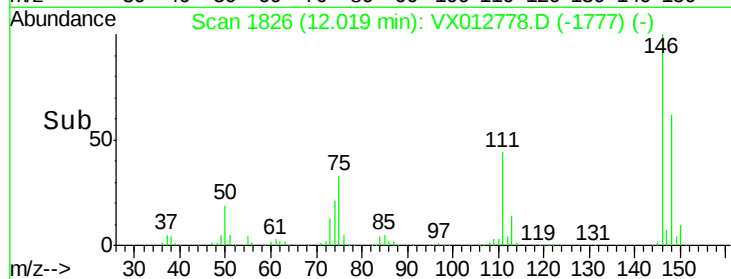
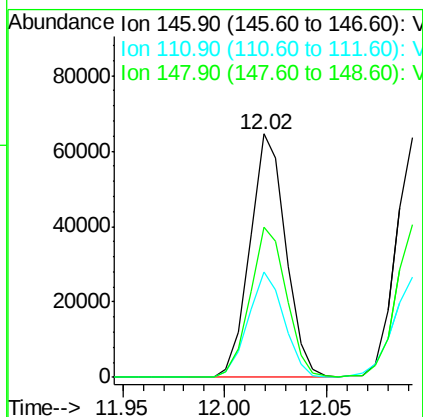
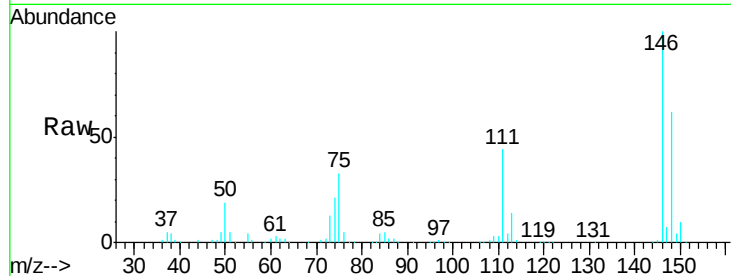




#87
 1,3-Dichlorobenzene
 Concen: 19.654 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

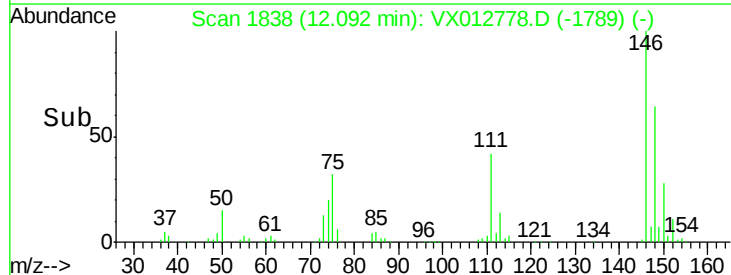
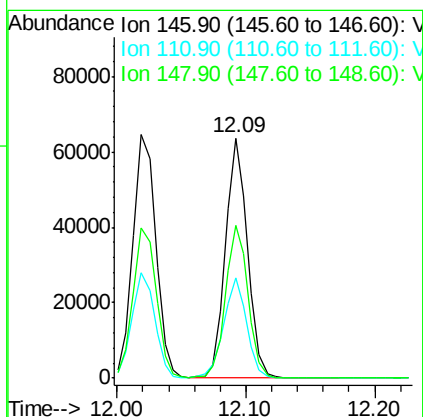
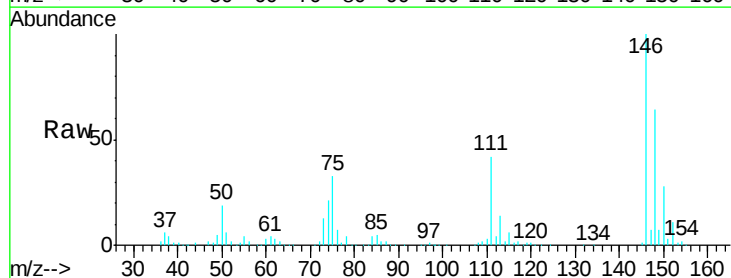
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

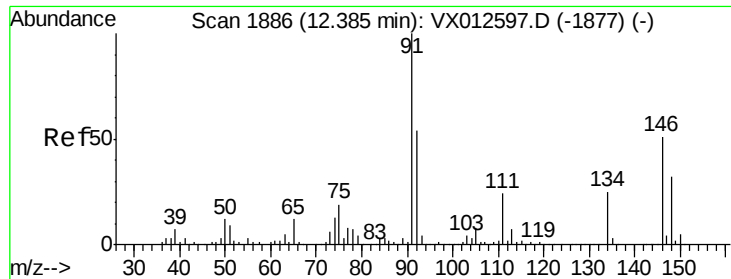
Tgt Ion:146 Resp: 78922
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 64.0
 148 62.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 18.991 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion:146 Resp: 77060
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.3
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 17.748 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

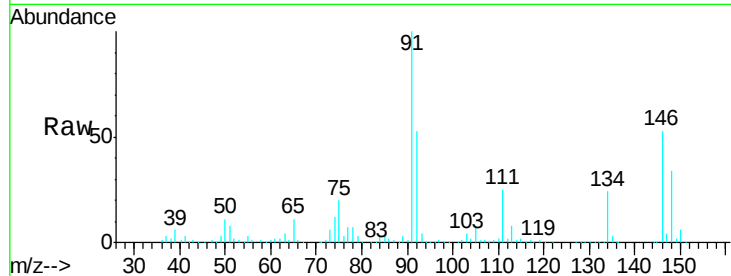
Tgt Ion: 91 Resp: 130904

Ion Ratio Lower Upper

91 100

92 55.0 27.7 83.0

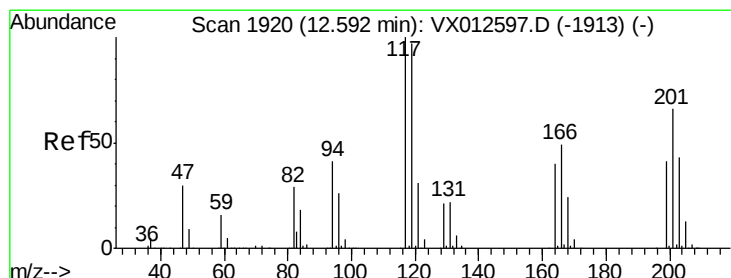
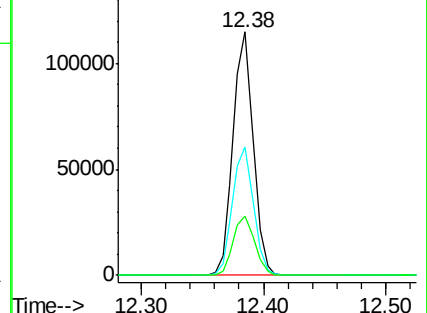
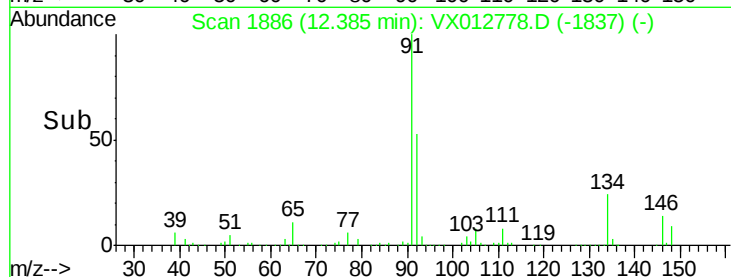
134 25.6 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)



#90

Hexachloroethane

Concen: 16.721 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012778.D

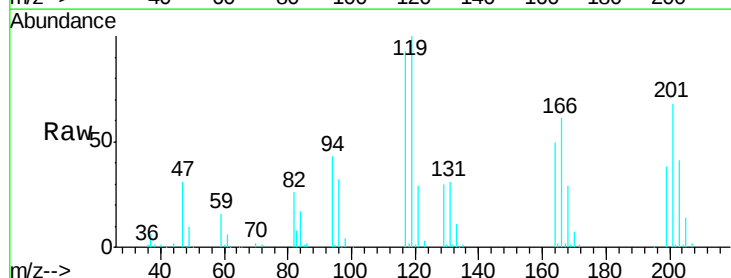
Acq: 03 Oct 2019 13:07

Tgt Ion: 117 Resp: 24952

Ion Ratio Lower Upper

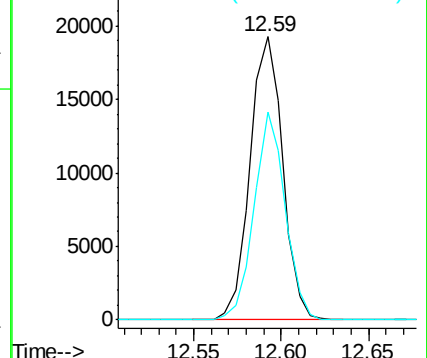
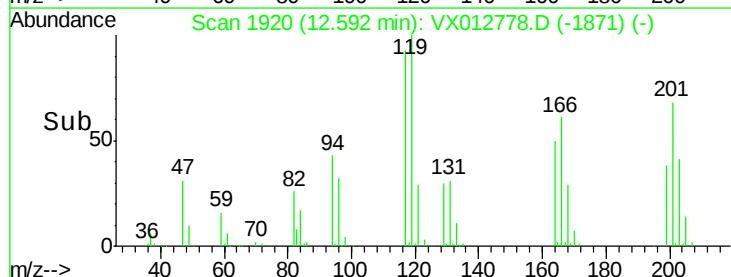
117 100

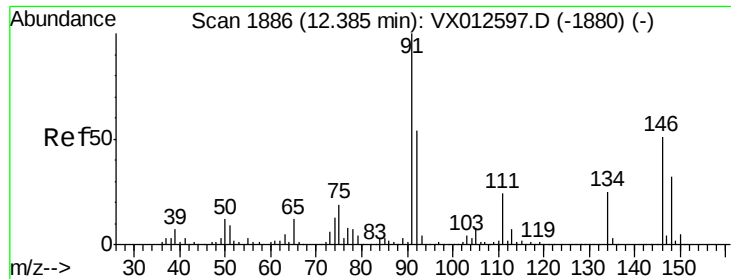
201 70.0 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)

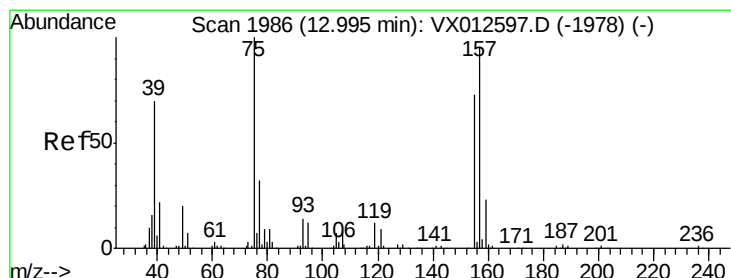
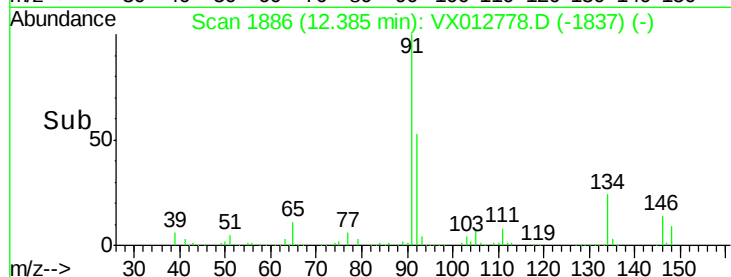
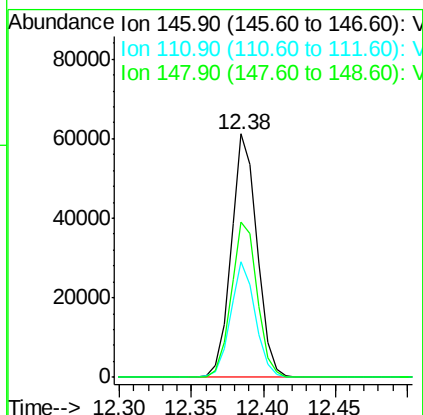
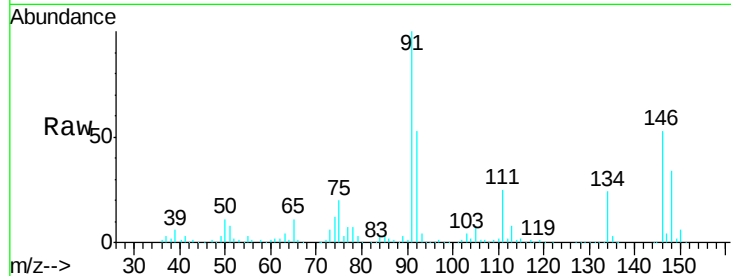




#91
 1,2-Dichlorobenzene
 Concen: 19.145 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

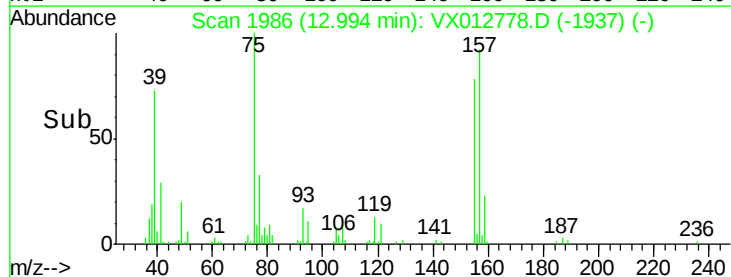
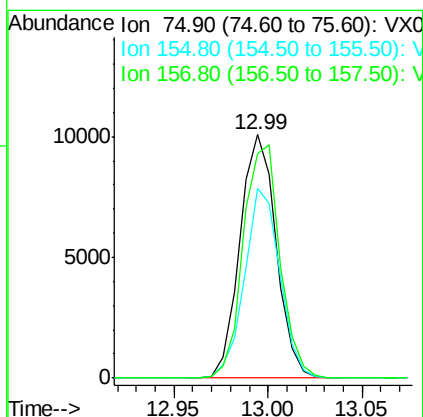
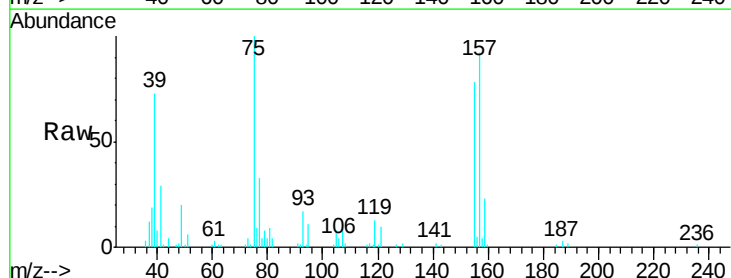
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

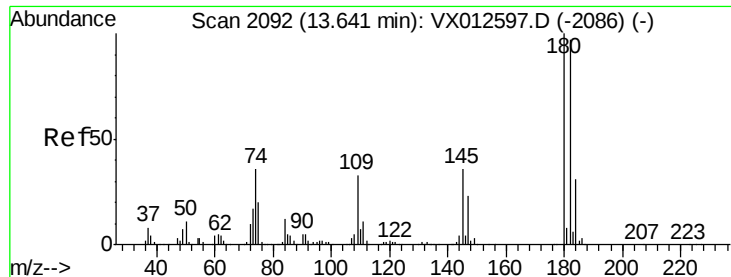
Tgt Ion: 146 Resp: 76969
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.1 66.1
 148 64.3 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.394 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 75 Resp: 13390
 Ion Ratio Lower Upper
 75 100
 155 76.2 38.6 115.8
 157 96.8 50.6 151.9

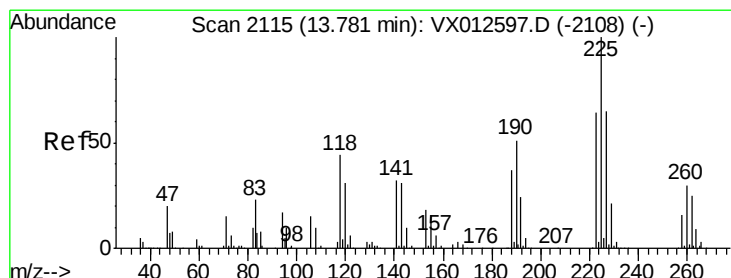
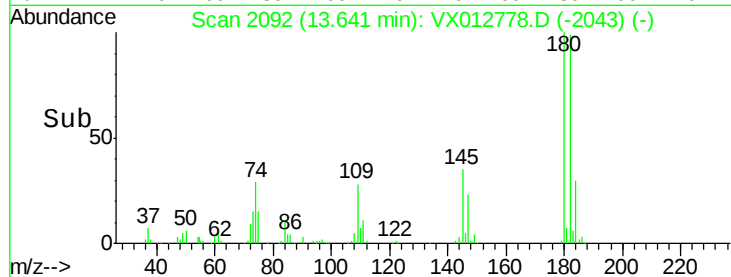
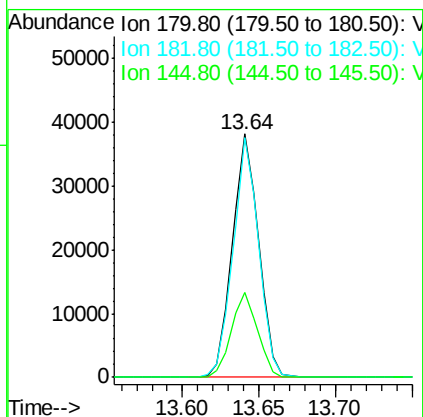
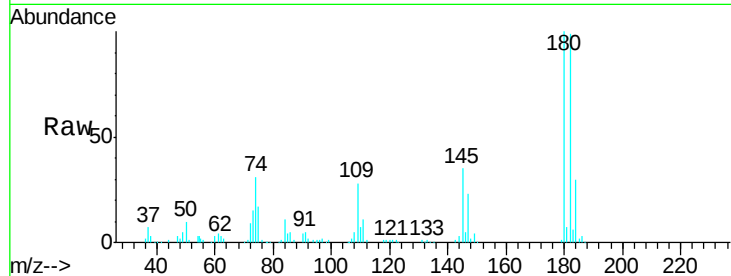




#93
 1,2,4-Trichlorobenzene
 Concen: 18.579 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

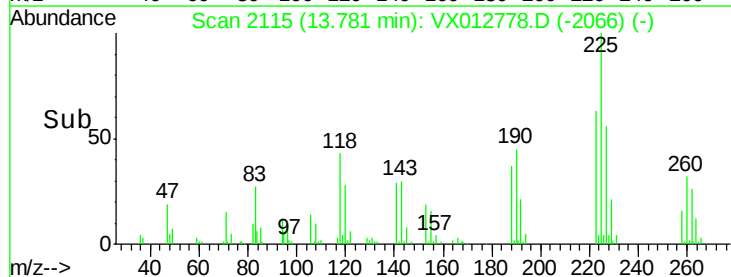
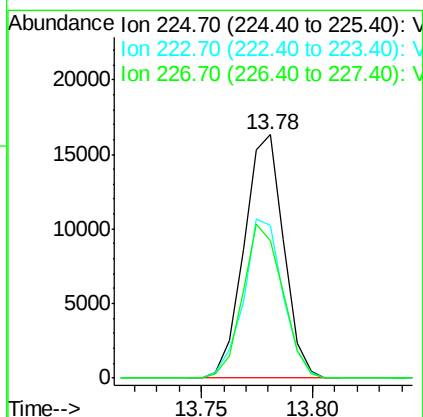
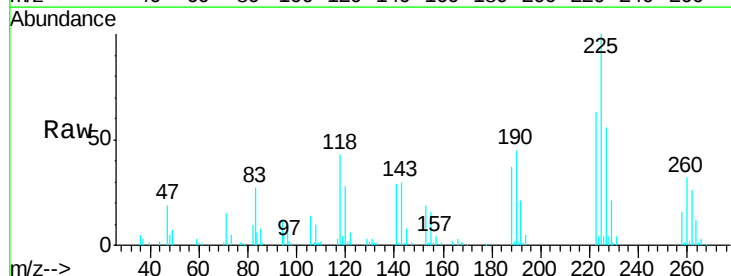
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

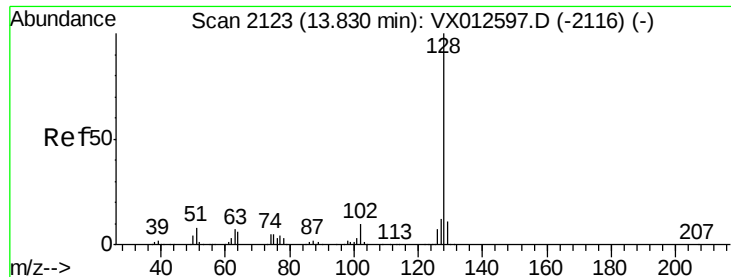
Tgt Ion:180 Resp: 45551
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.0 141.0
 145 34.5 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 19.169 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion:225 Resp: 20218
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.0 96.2
 227 63.1 31.9 95.5

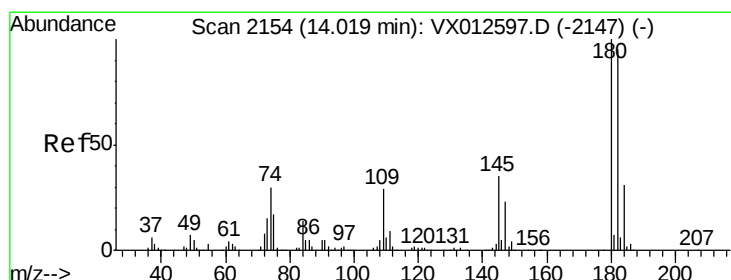
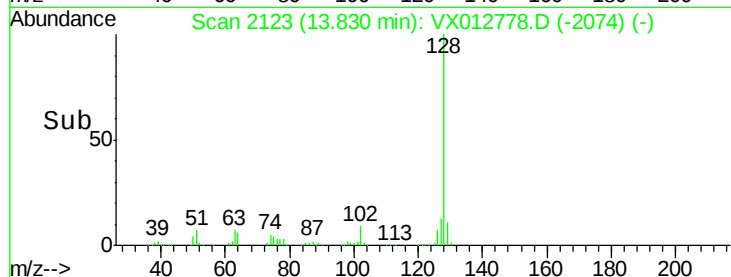
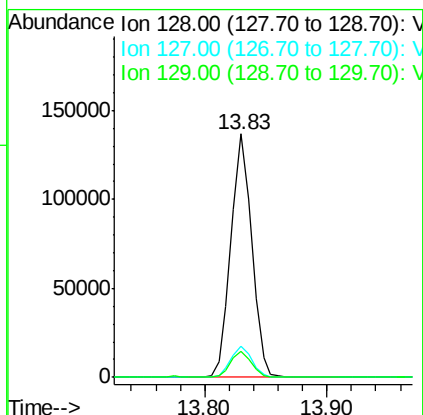
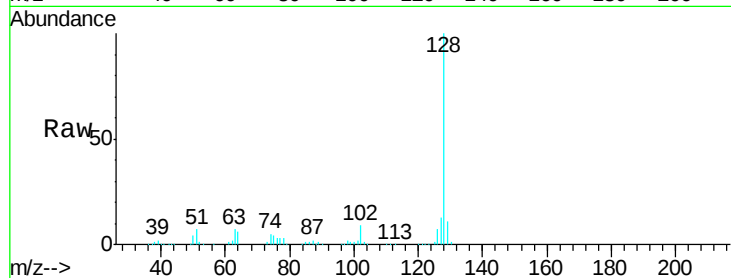




#95
Naphthalene
Concen: 18.191 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tgt Ion:128 Resp: 161360
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.661 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:180 Resp: 45832
Ion Ratio Lower Upper
180 100
182 98.2 47.1 141.3
145 36.4 18.0 54.0

