

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX013120\
 Data File : VX014778.D
 Acq On : 31 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0131WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

Quant Time: Jan 31 15:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	404233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	552841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	233597	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.48	113	185385	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	708495	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	249932	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	89403	16.83	ug/l	99
3) Chloromethane	1.32	50	92363	16.89	ug/l	99
4) Vinyl Chloride	1.40	62	105418	17.83	ug/l	99
5) Bromomethane	1.64	94	63942	15.92	ug/l	99
6) Chloroethane	1.72	64	62610	17.61	ug/l	96
7) Trichlorofluoromethane	1.92	101	121823	17.69	ug/l	99
8) Diethyl Ether	2.18	74	53796	17.90	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73557	18.20	ug/l	98
10) Methyl Iodide	2.50	142	92043	17.36	ug/l	98
11) Tert butyl alcohol	3.02	59	88606	83.61	ug/l	98
12) 1,1-Dichloroethene	2.37	96	67979	16.92	ug/l	95
13) Acrolein	2.28	56	55502	66.42	ug/l	98
14) Allyl chloride	2.72	41	128452	17.78	ug/l	99
15) Acrylonitrile	3.12	53	220158	89.78	ug/l	99
16) Acetone	2.43	43	253010	97.89	ug/l	99
17) Carbon Disulfide	2.56	76	175082	15.94	ug/l	99
18) Methyl Acetate	2.76	43	137579	18.63	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	247826	18.83	ug/l	98
20) Methylene Chloride	2.84	84	84195	17.59	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	73063	16.51	ug/l	98
22) Diisopropyl ether	3.84	45	268488	18.68	ug/l	92
23) Vinyl Acetate	3.80	43	1012266	92.41	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141198	18.09	ug/l	98
25) 2-Butanone	4.65	43	331958	89.56	ug/l	99
26) 2,2-Dichloropropane	4.57	77	112990	18.09	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	89181	18.01	ug/l	98
28) Bromochloromethane	5.00	49	64644	18.85	ug/l	97
29) Tetrahydrofuran	5.11	42	191950	87.25	ug/l	99
30) Chloroform	5.19	83	142559	18.44	ug/l	99
31) Cyclohexane	5.57	56	124444	16.95	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	116623	17.85	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101637	18.09	ug/l	98
37) Ethyl Acetate	4.81	43	118198	18.36	ug/l	99
38) Carbon Tetrachloride	5.77	117	98949	18.44	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	125129	17.77	ug/l	97
40) Benzene	6.13	78	319309	18.39	ug/l	100
41) Methacrylonitrile	5.02	41	65637	17.71	ug/l	97
42) 1,2-Dichloroethane	6.18	62	119458	19.92	ug/l	100
43) Isopropyl Acetate	6.43	43	191552	18.17	ug/l	98
44) Trichloroethene	7.20	130	88627	18.07	ug/l	99
45) 1,2-Dichloropropane	7.50	63	84263	18.84	ug/l	97
46) Dibromomethane	7.65	93	55421	19.13	ug/l	98
47) Bromodichloromethane	7.89	83	107216	18.87	ug/l	97
48) Methyl methacrylate	7.76	41	92706	18.41	ug/l	96
49) 1,4-Dioxane	7.73	88	39398	369.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	605491	91.02	ug/l	100
52) Toluene	8.78	92	197967	18.55	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	117101	19.14	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129101	19.18	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85641	19.60	ug/l	96
56) Ethyl methacrylate	9.17	69	124316	17.97	ug/l	99
57) 1,3-Dichloropropane	9.36	76	142108	19.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	215687	98.15	ug/l	99
59) 2-Hexanone	9.48	43	478992	92.79	ug/l	99
60) Dibromochloromethane	9.57	129	86455	18.95	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87234	18.88	ug/l	99
64) Tetrachloroethene	9.33	164	98129	17.93	ug/l	97
65) Chlorobenzene	10.13	112	216309	18.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	80922	18.56	ug/l	99
67) Ethyl Benzene	10.25	91	371409	18.39	ug/l	100
68) m/p-Xylenes	10.36	106	286158	37.41	ug/l	100
69) o-Xylene	10.69	106	138883	18.81	ug/l	96
70) Styrene	10.71	104	232595	18.78	ug/l	99
71) Bromoform	10.85	173	65414	18.87	ug/l #	97
73) Isopropylbenzene	11.01	105	365806	18.78	ug/l	99
74) N-amyl acetate	10.89	43	158198	18.54	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	124899	17.96	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140228	21.76	ug/l	94
77) Bromobenzene	11.25	156	99672	19.05	ug/l	95
78) n-propylbenzene	11.35	91	415906	18.81	ug/l	98
79) 2-Chlorotoluene	11.42	91	247534	18.51	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	306717	18.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38495	17.00	ug/l	95
82) 4-Chlorotoluene	11.51	91	286992	18.85	ug/l	100
83) tert-Butylbenzene	11.76	119	286572	18.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	308790	19.05	ug/l	98
85) sec-Butylbenzene	11.94	105	356830	19.18	ug/l	99
86) p-Isopropyltoluene	12.06	119	329407	19.16	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	173570	18.46	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	173204	18.39	ug/l	99
89) n-Butylbenzene	12.39	91	272302	18.18	ug/l	100
90) Hexachloroethane	12.59	117	55562	17.40	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	174491	18.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26173	17.52	ug/l	98

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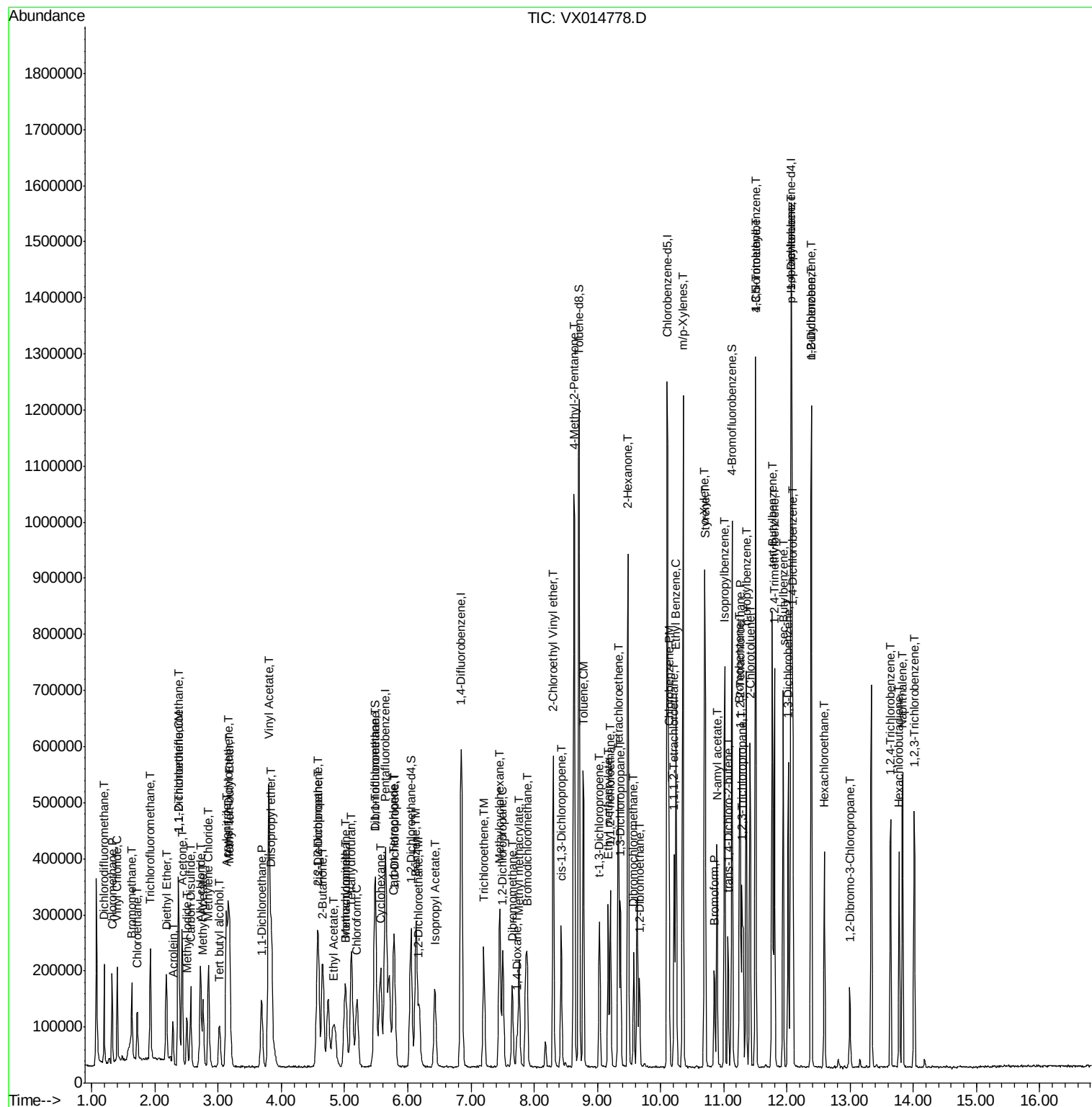
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114429	19.01	ug/l	99
94) Hexachlorobutadiene	13.78	225	58062	18.74	ug/l	97
95) Naphthalene	13.83	128	328930	17.56	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	115822	19.03	ug/l	99

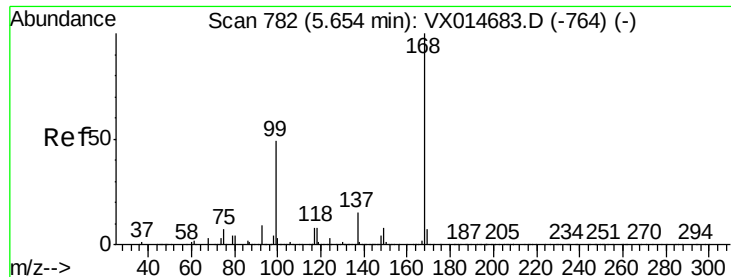
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
Client Sampled :
VX0131WBS02

Quant Time: Jan 31 15:36:17 2020
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

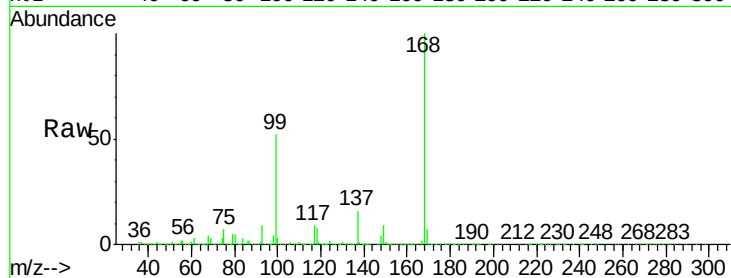
VX0131WBS02

Tgt Ion:168 Resp: 404233

Ion Ratio Lower Upper

168 100

99 51.9 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

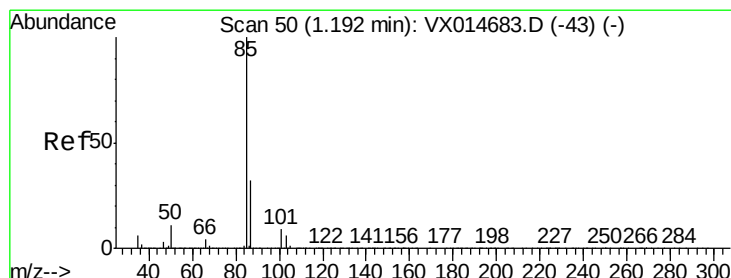
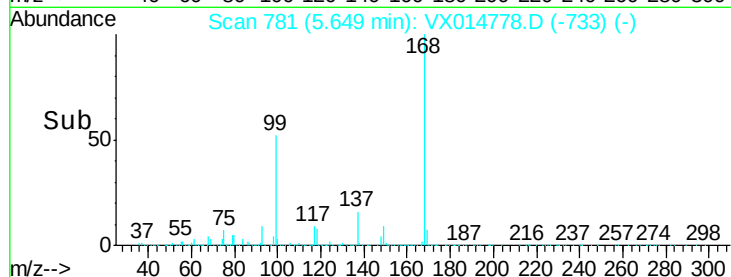
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.83 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014778.D

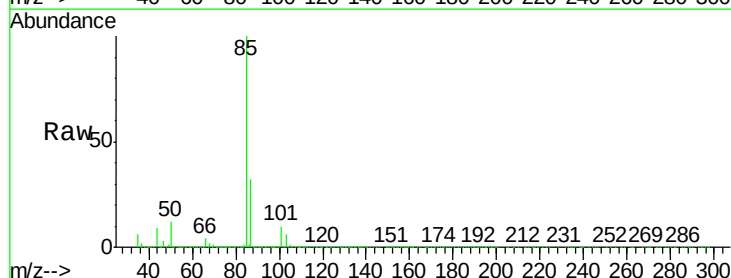
Acq: 31 Jan 2020 12:35

Tgt Ion: 85 Resp: 89403

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

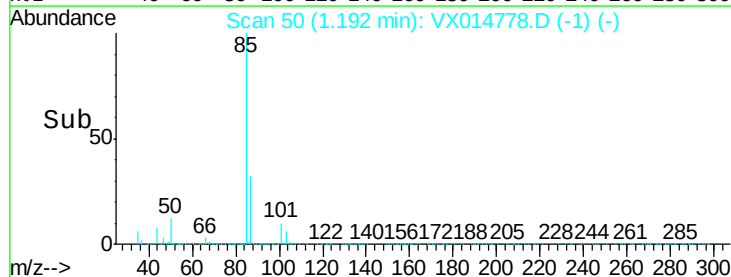
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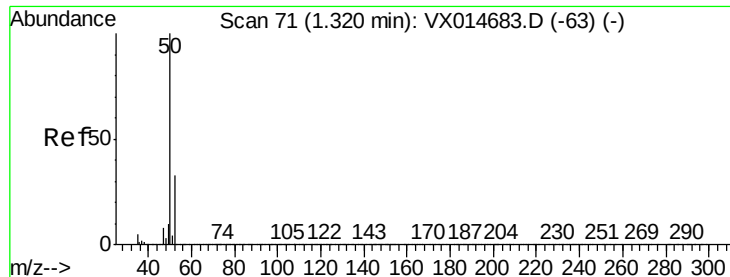
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Time-->

1.10 1.15 1.20 1.25

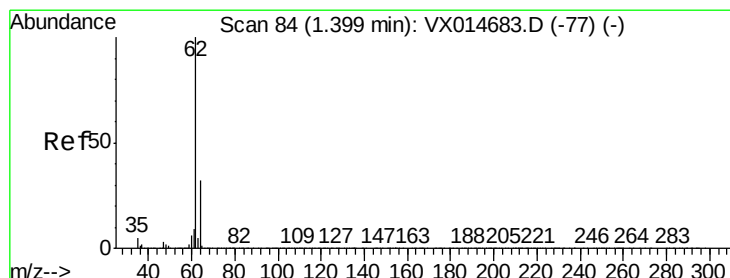
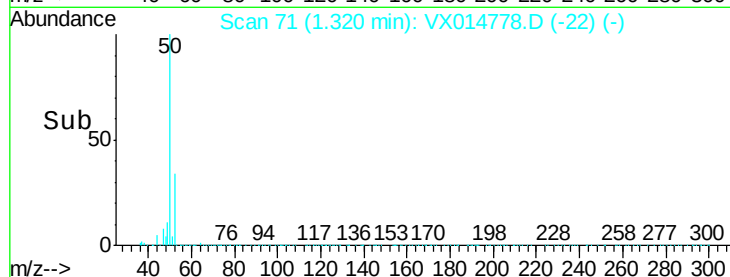
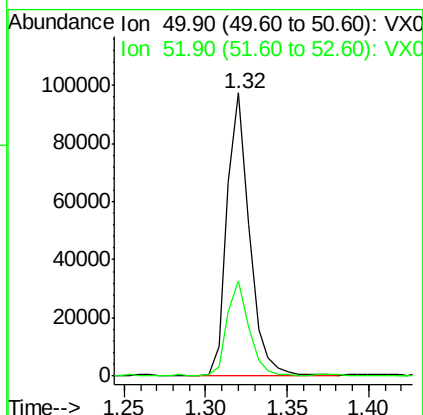
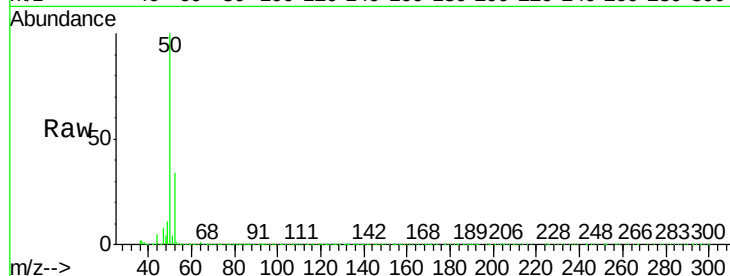




#3
Chloromethane
Concen: 16.89 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

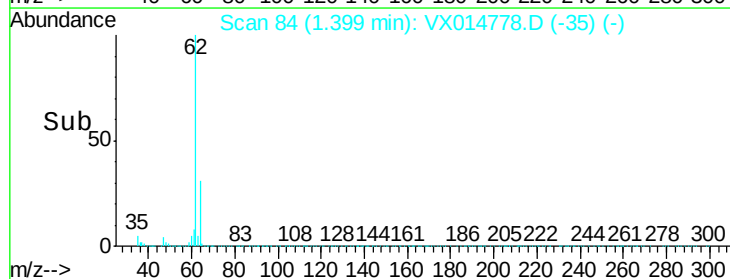
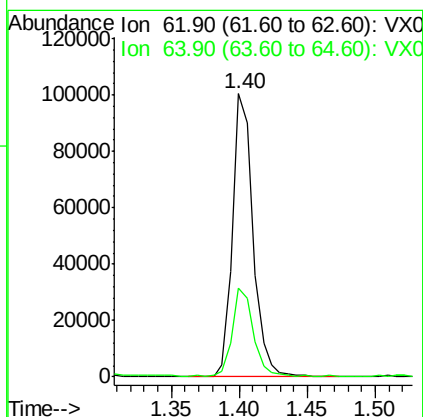
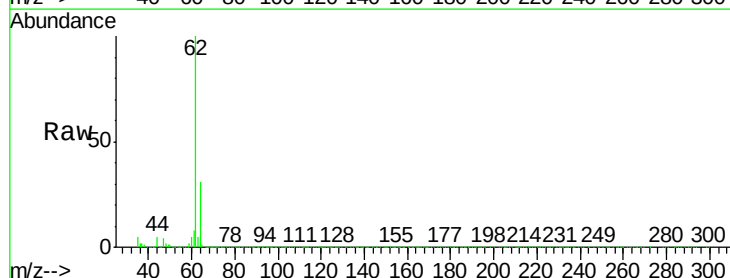
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

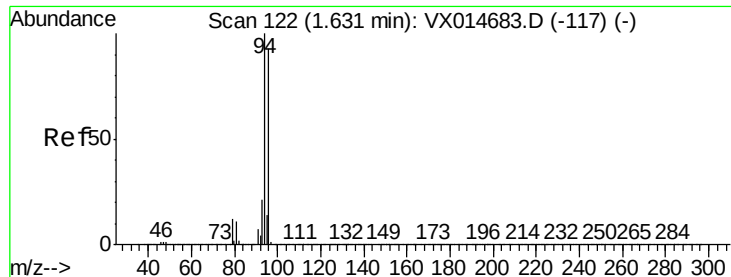
Tgt Ion: 50 Resp: 92363
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 17.83 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 62 Resp: 105418
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5

Bromomethane

Concen: 15.92 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

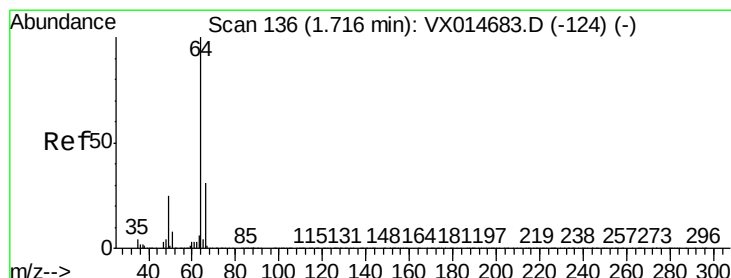
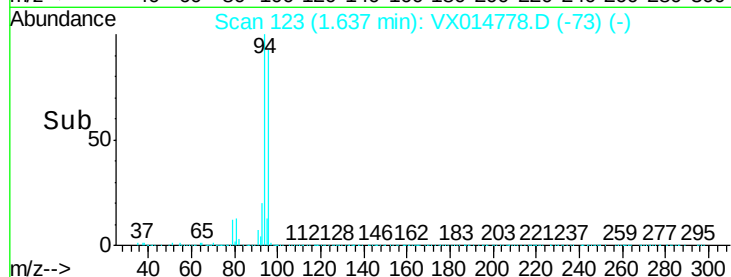
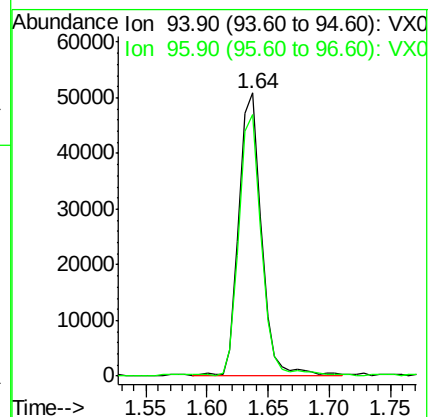
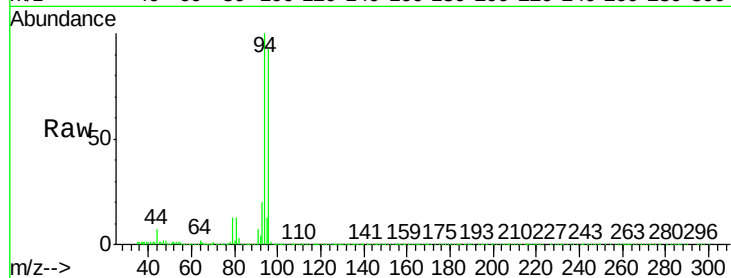
VX0131WBS02

Tgt Ion: 94 Resp: 63942

Ion Ratio Lower Upper

94 100

96 92.4 74.7 112.1



#6

Chloroethane

Concen: 17.61 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014778.D

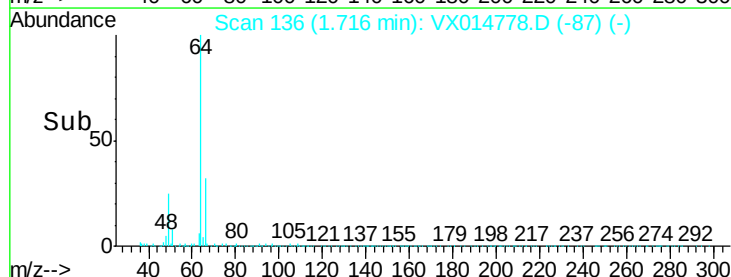
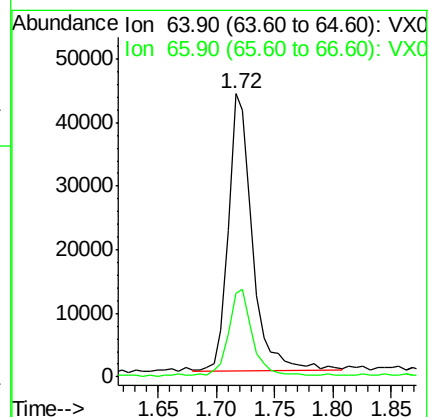
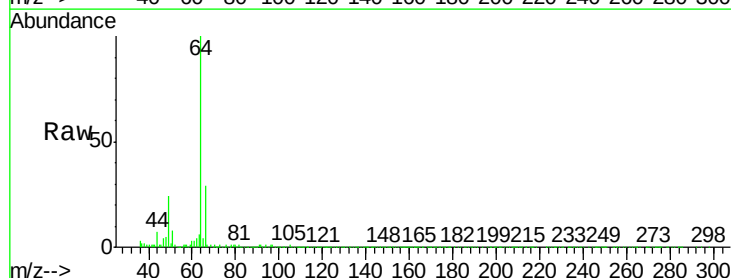
Acq: 31 Jan 2020 12:35

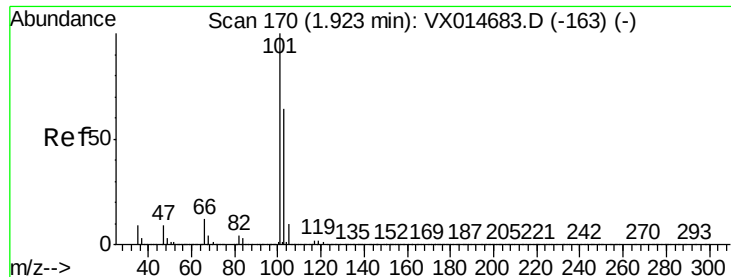
Tgt Ion: 64 Resp: 62610

Ion Ratio Lower Upper

64 100

66 29.5 25.2 37.8



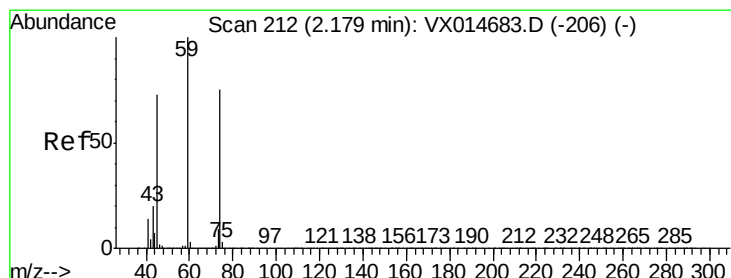
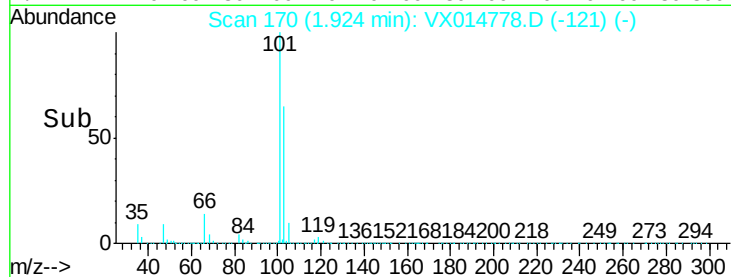
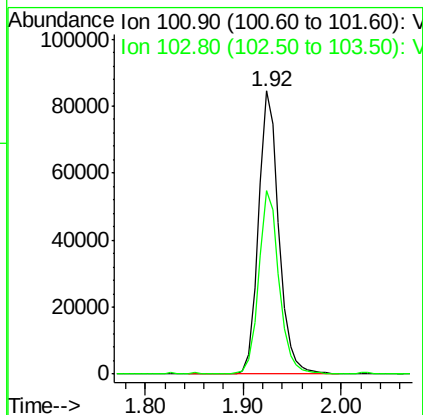
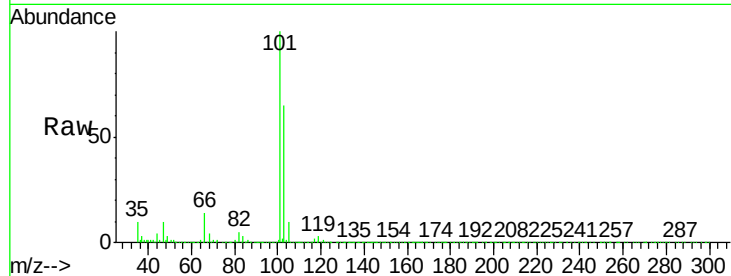


#7

Trichlorofluoromethane
Concen: 17.69 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

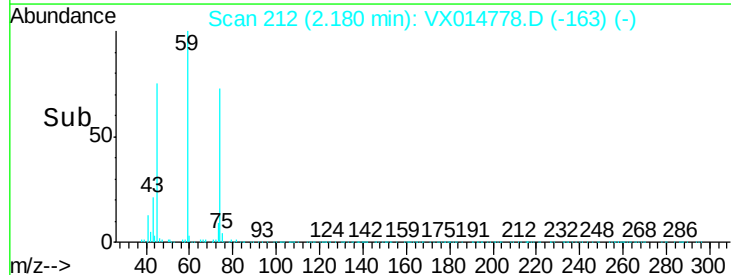
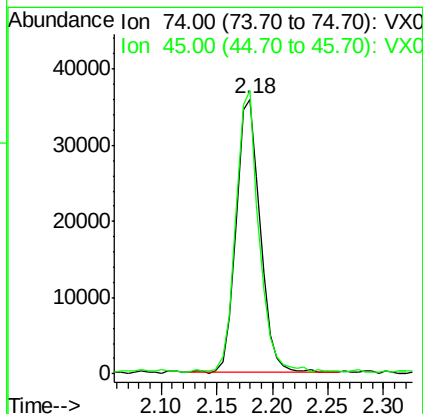
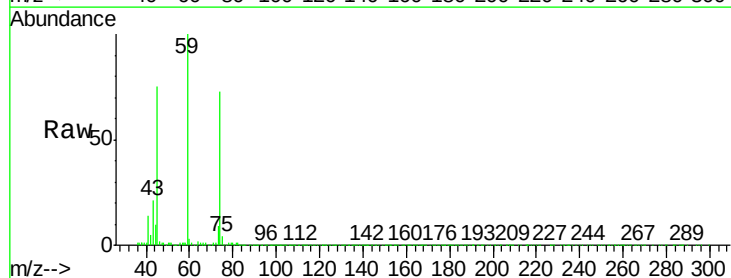
Tgt Ion:101 Resp: 121823
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

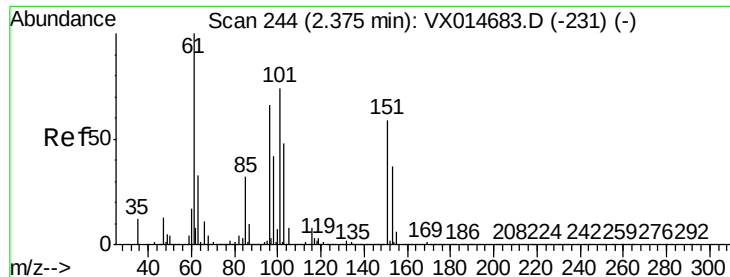


#8

Diethyl Ether
Concen: 17.90 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 74 Resp: 53796
Ion Ratio Lower Upper
74 100
45 99.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.20 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

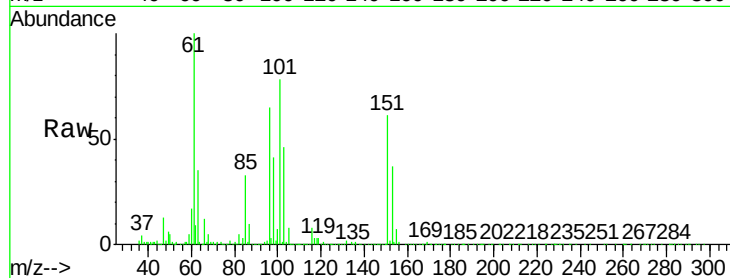
Tgt Ion:101 Resp: 73557

Ion Ratio Lower Upper

101 100

85 41.7 34.7 52.1

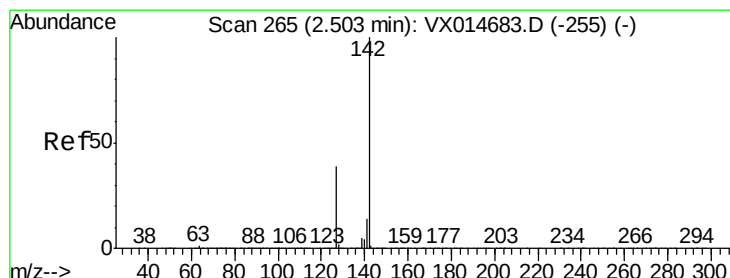
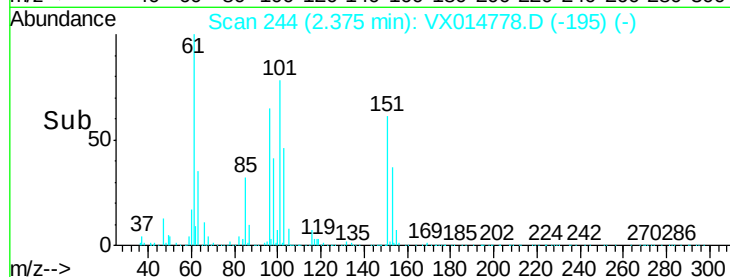
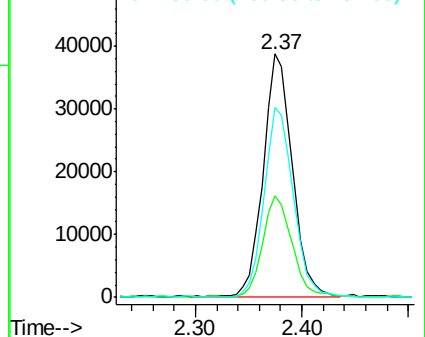
151 78.9 64.7 97.1



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: 17.36 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

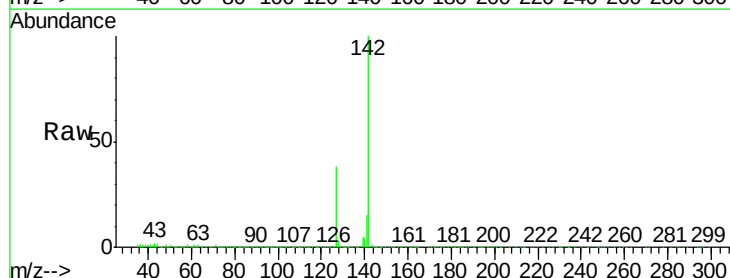
Tgt Ion:142 Resp: 92043

Ion Ratio Lower Upper

142 100

127 38.0 31.1 46.7

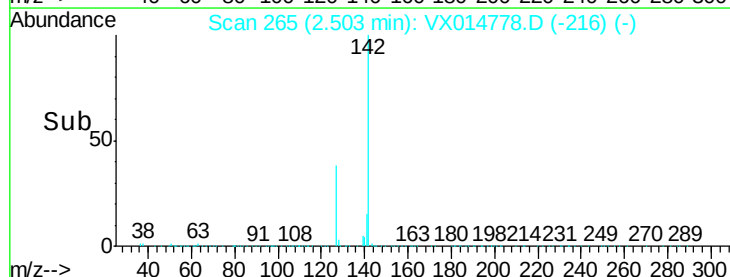
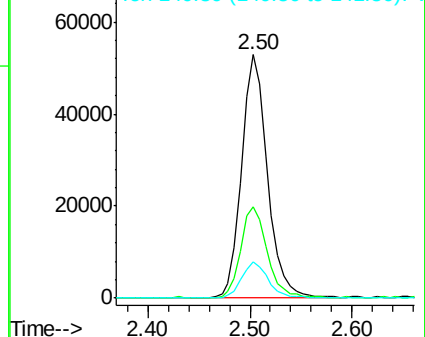
141 14.7 11.3 16.9

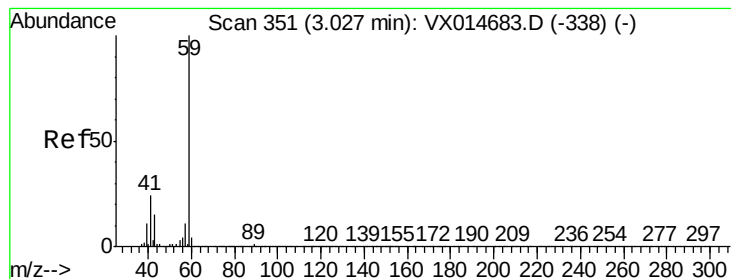


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 83.61 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

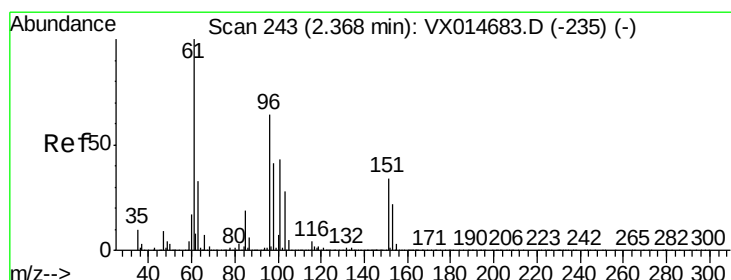
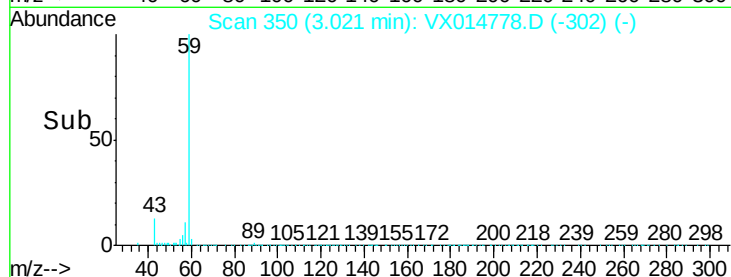
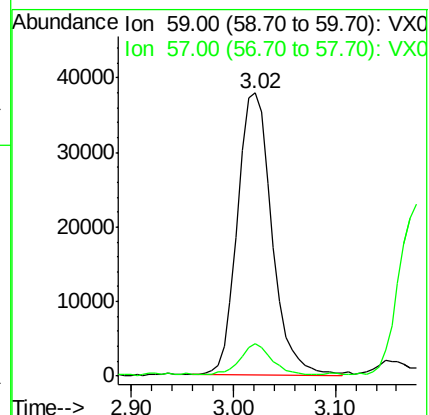
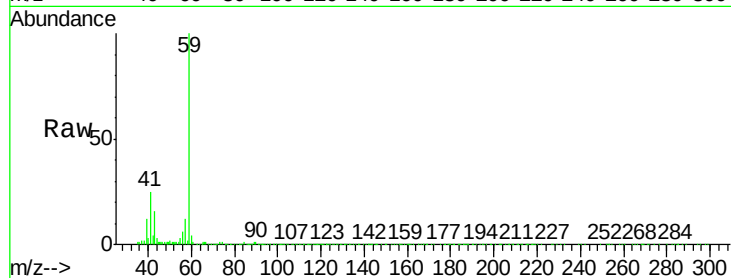
VX0131WBS02

Tgt Ion: 59 Resp: 88606

Ion Ratio Lower Upper

59 100

57 9.8 8.3 12.5



#12

1,1-Dichloroethene

Concen: 16.92 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

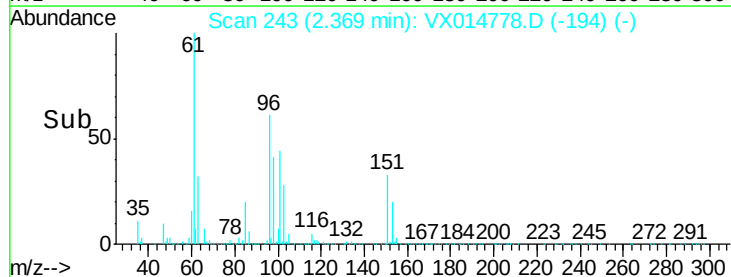
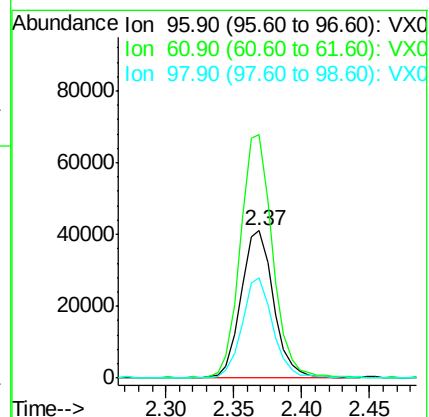
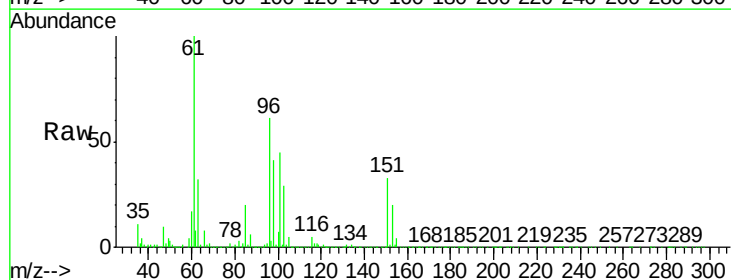
Tgt Ion: 96 Resp: 67979

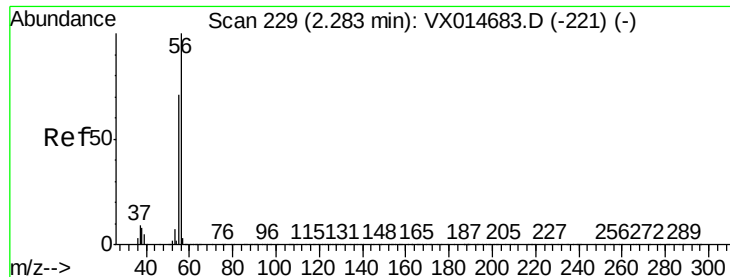
Ion Ratio Lower Upper

96 100

61 164.8 125.8 188.8

98 67.7 51.5 77.3





#13

Acrolein

Concen: 66.42 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

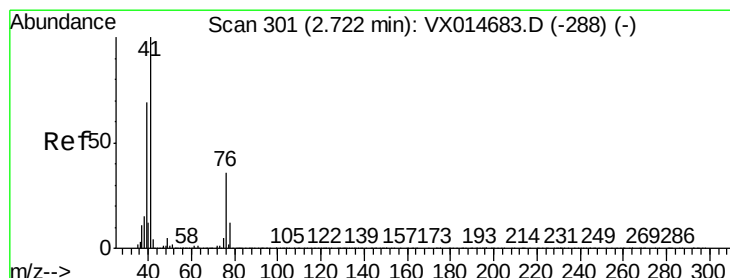
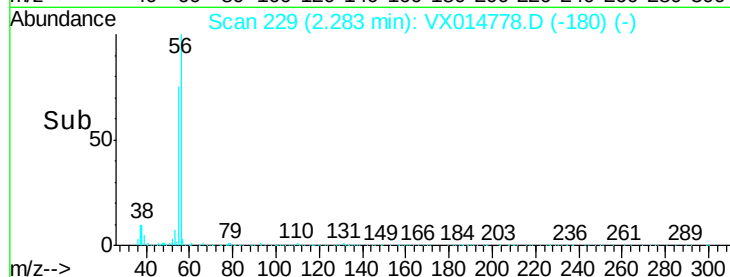
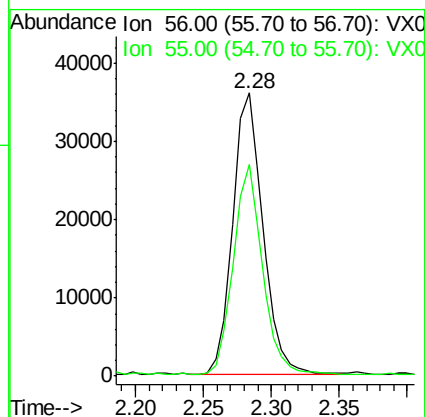
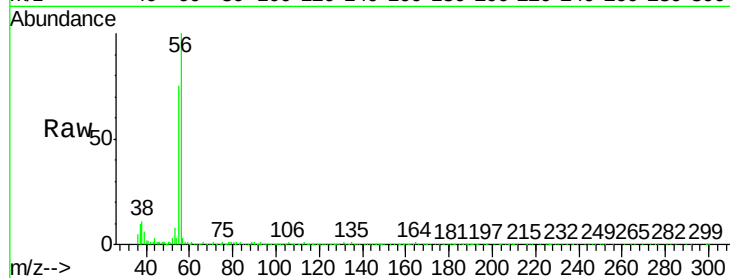
VX0131WBS02

Tgt Ion: 56 Resp: 55502

Ion Ratio Lower Upper

56 100

55 72.7 56.6 84.8



#14

Allyl chloride

Concen: 17.78 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

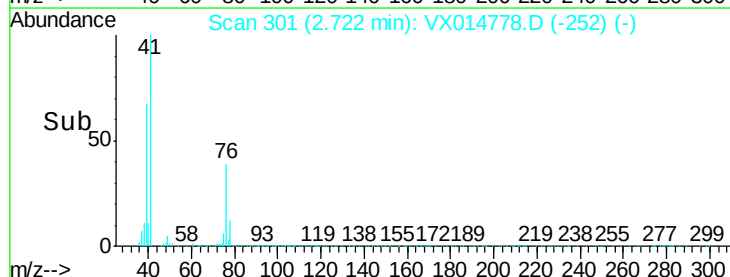
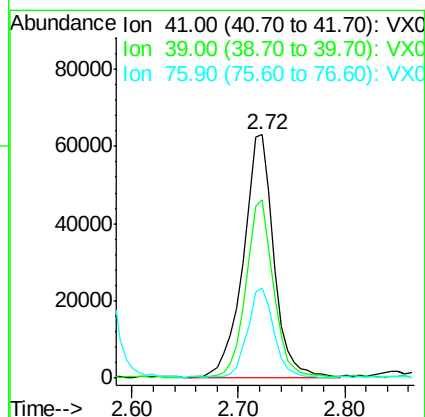
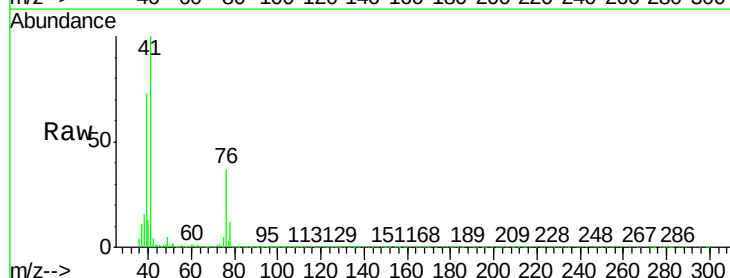
Tgt Ion: 41 Resp: 128452

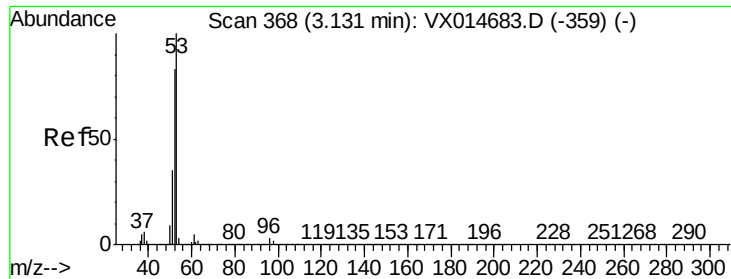
Ion Ratio Lower Upper

41 100

39 65.1 52.0 78.0

76 31.2 26.0 39.0





#15

Acrylonitrile

Concen: 89.78 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS02

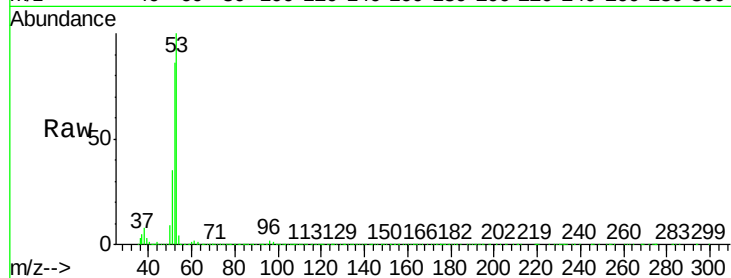
Tgt Ion: 53 Resp: 220158

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

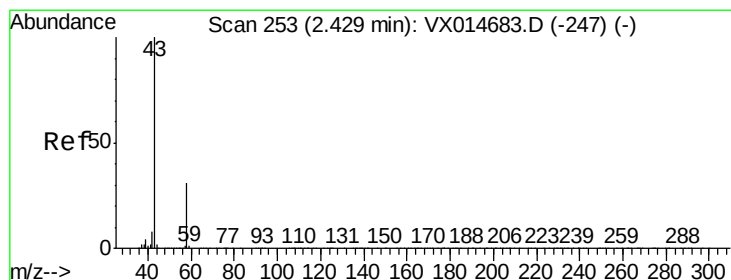
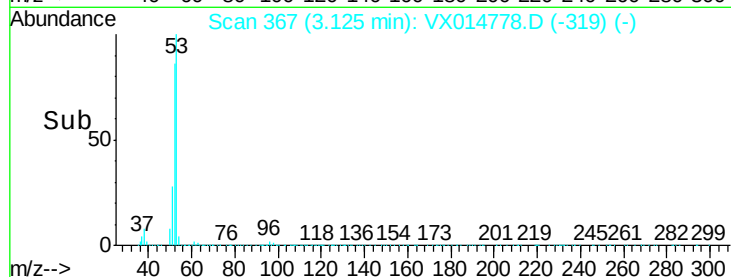
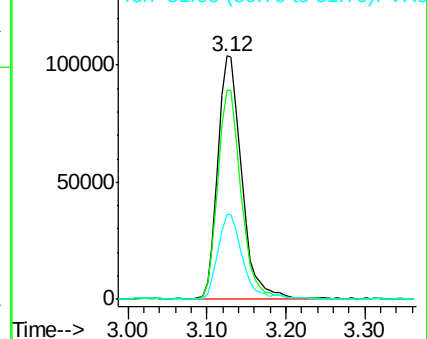
51 35.8 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.89 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014778.D

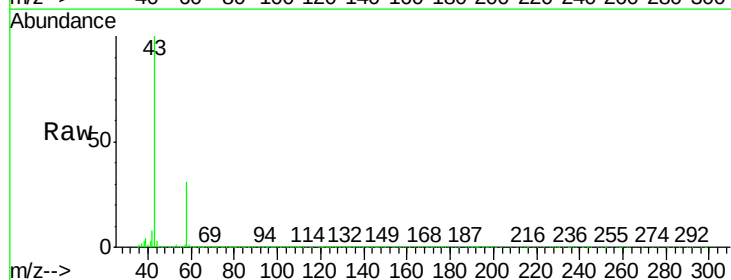
Acq: 31 Jan 2020 12:35

Tgt Ion: 43 Resp: 253010

Ion Ratio Lower Upper

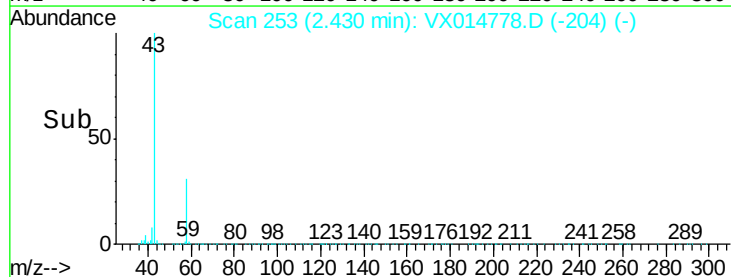
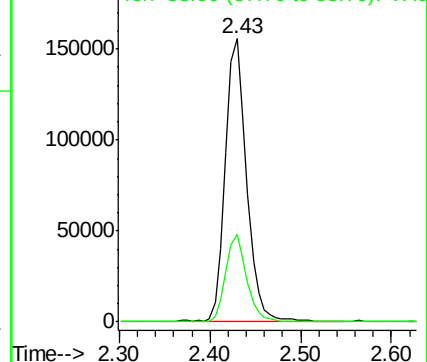
43 100

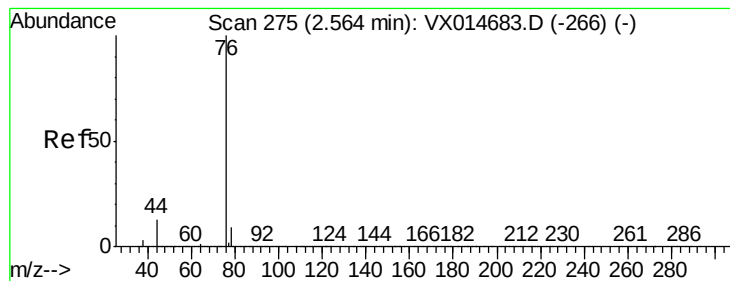
58 31.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.94 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

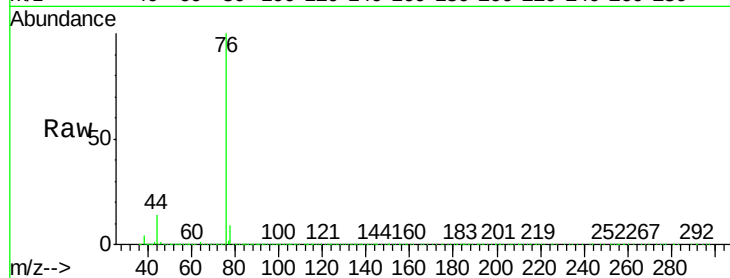
VX0131WBS02

Tgt Ion: 76 Resp: 175082

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

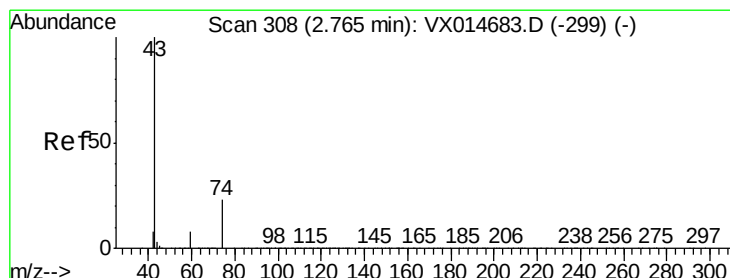
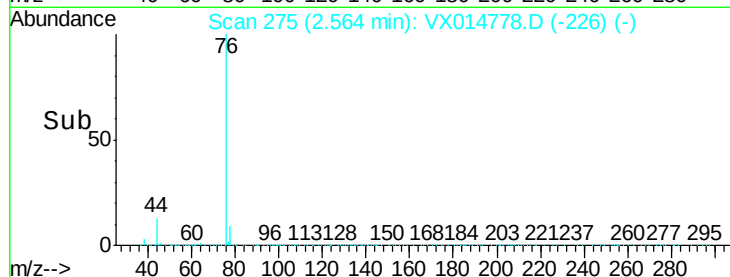
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.63 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014778.D

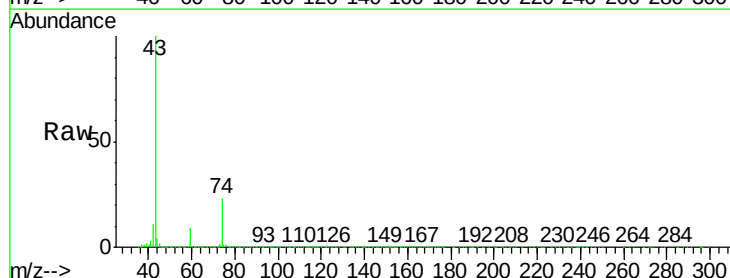
Acq: 31 Jan 2020 12:35

Tgt Ion: 43 Resp: 137579

Ion Ratio Lower Upper

43 100

74 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

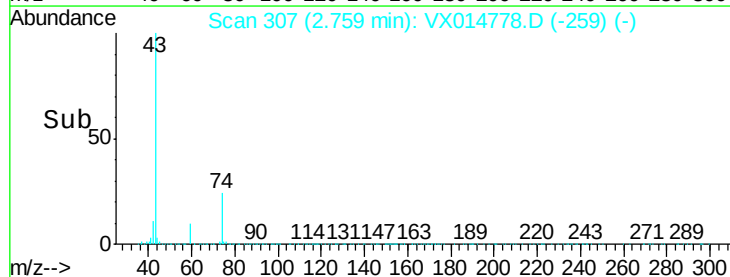
60000

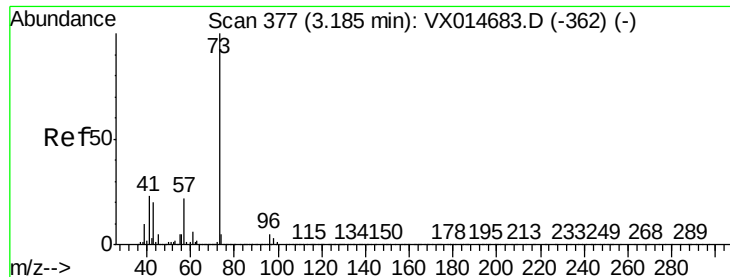
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.83 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

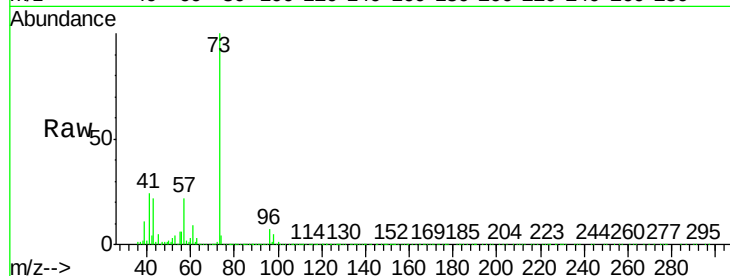
VX0131WBS02

Tgt Ion: 73 Resp: 247826

Ion Ratio Lower Upper

73 100

57 21.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

120000

100000

80000

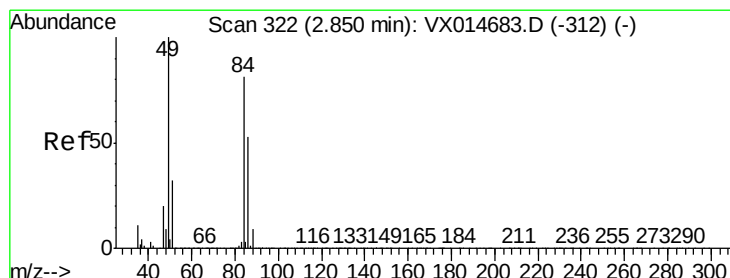
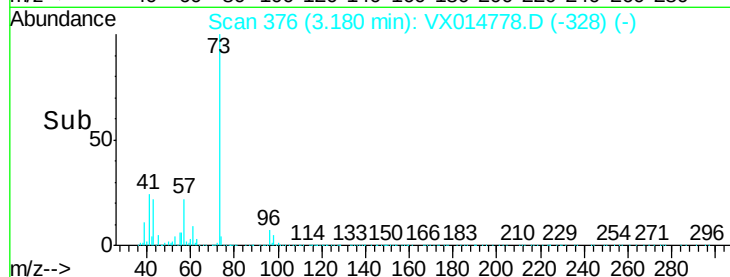
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 17.59 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Tgt Ion: 84 Resp: 84195

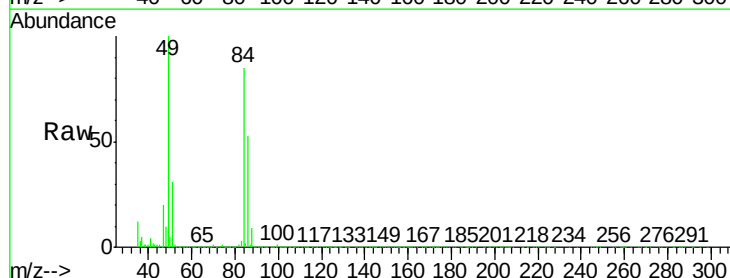
Ion Ratio Lower Upper

84 100

49 117.5 98.2 147.4

51 36.8 31.3 46.9

86 62.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

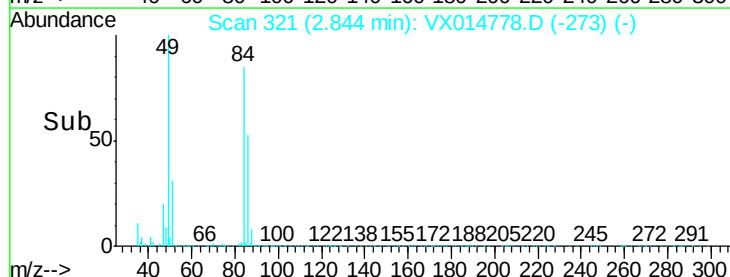
60000

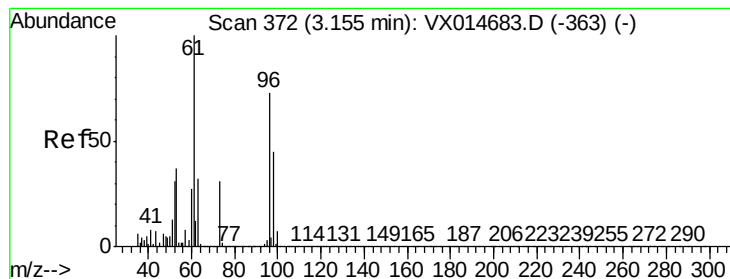
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 16.51 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

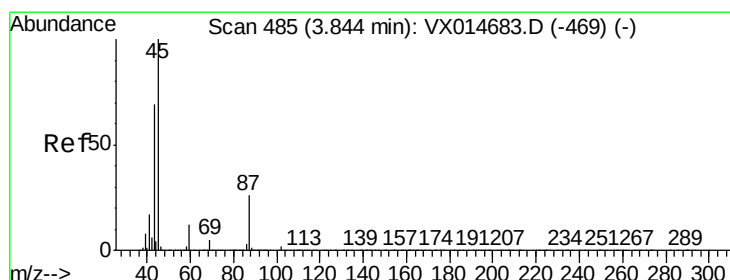
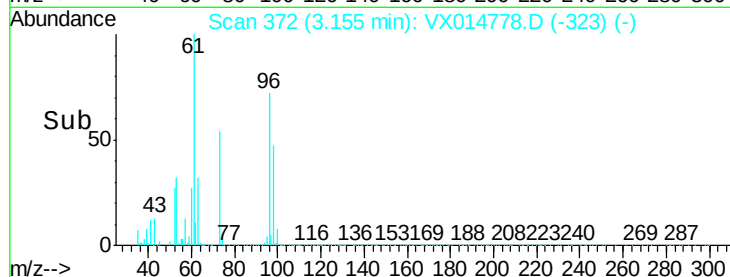
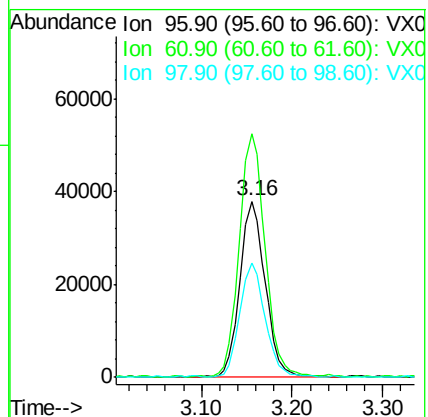
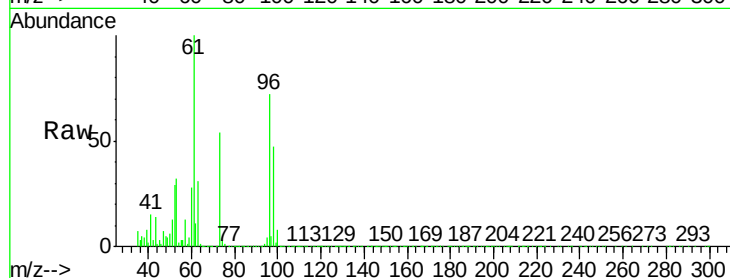
Tgt Ion: 96 Resp: 73063

Ion Ratio Lower Upper

96 100

61 138.6 109.8 164.6

98 64.8 49.6 74.4



#22

Diisopropyl ether

Concen: 18.68 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Tgt Ion: 45 Resp: 268488

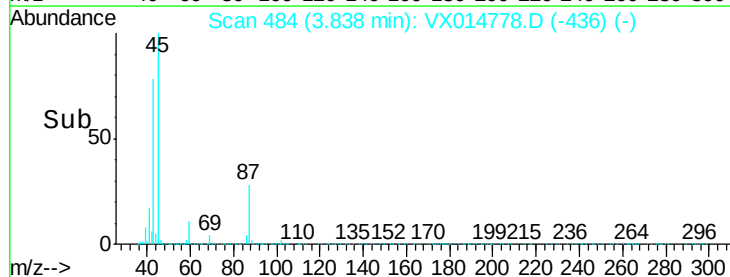
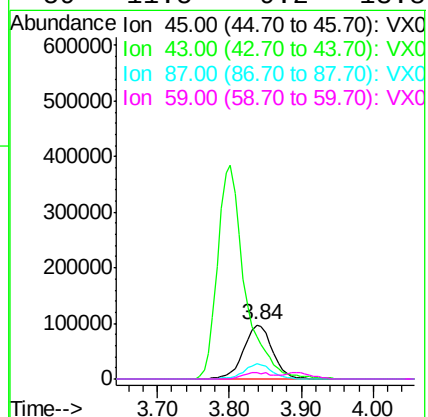
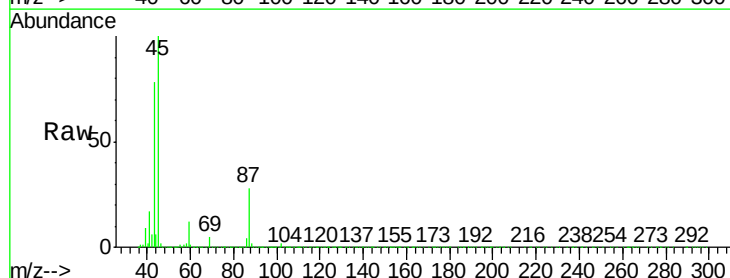
Ion Ratio Lower Upper

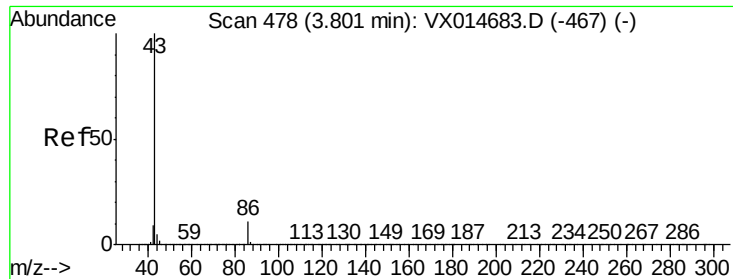
45 100

43 77.7 55.1 82.7

87 27.5 20.7 31.1

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 92.41 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

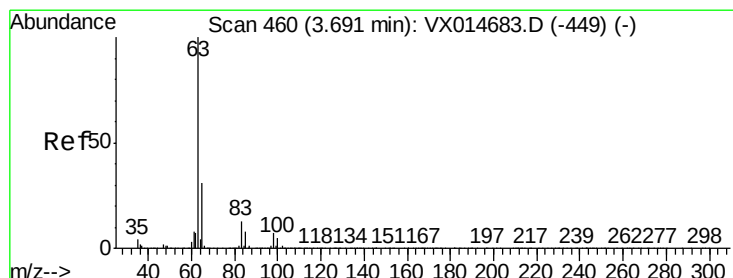
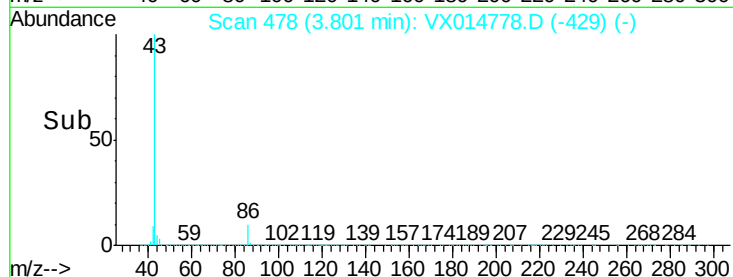
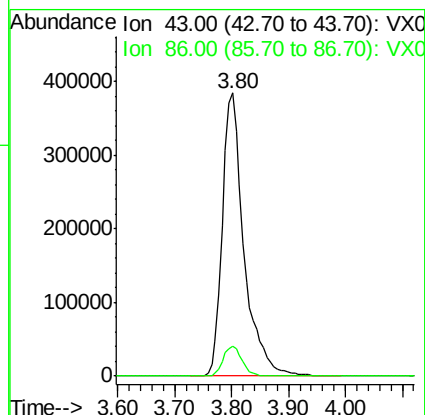
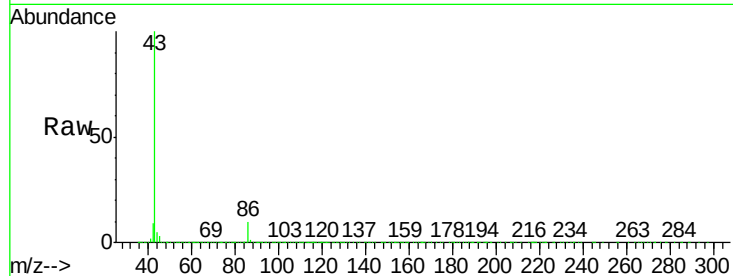
VX0131WBS02

Tgt Ion: 43 Resp: 1012266

Ion Ratio Lower Upper

43 100

86 10.4 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.09 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

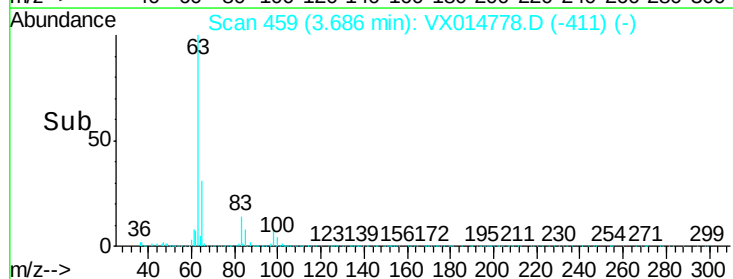
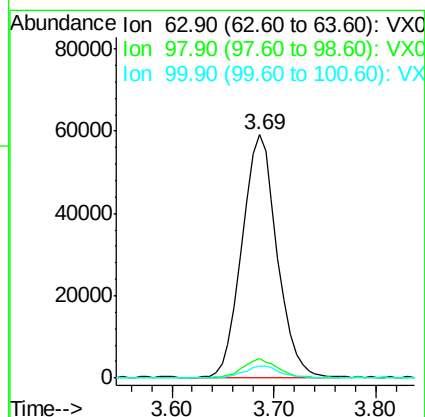
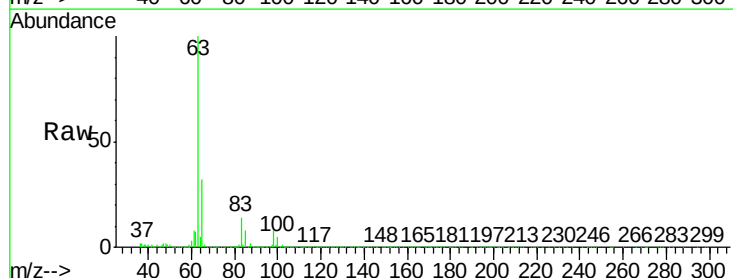
Tgt Ion: 63 Resp: 141198

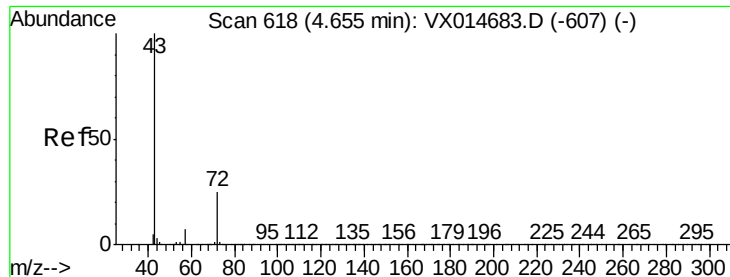
Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 89.56 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

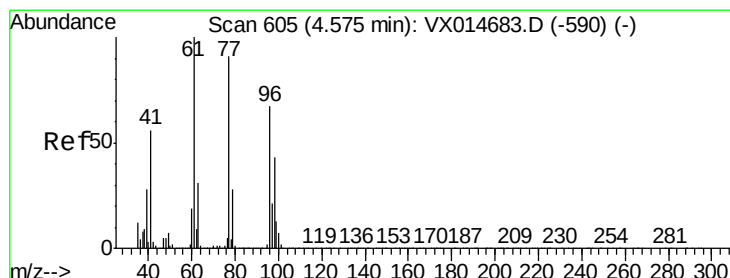
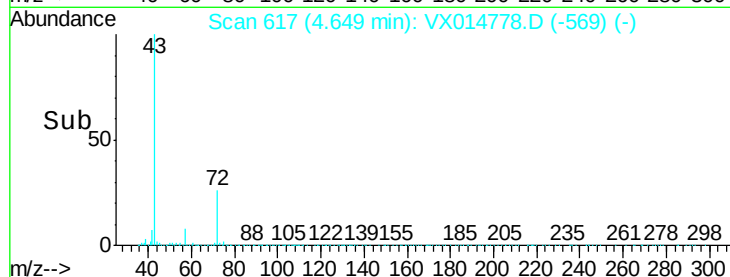
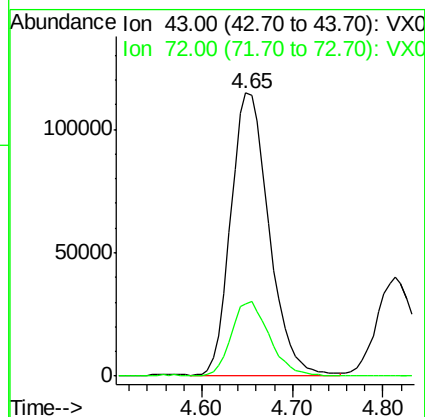
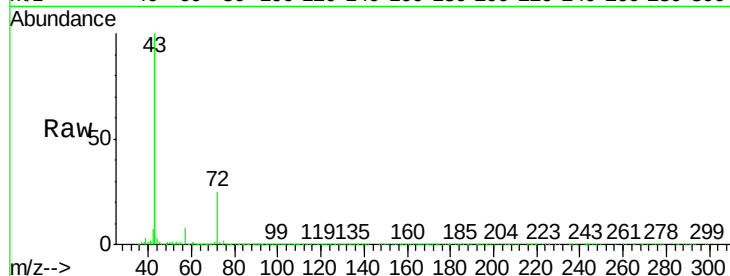
VX0131WBS02

Tgt Ion: 43 Resp: 331958

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.09 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014778.D

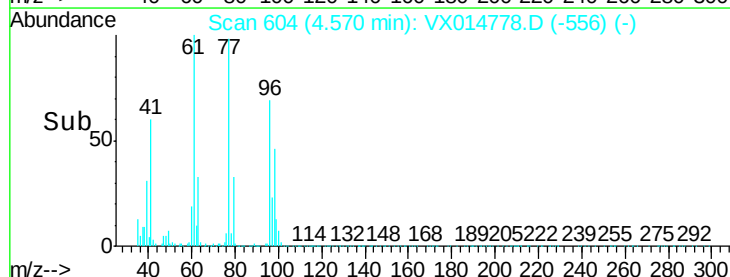
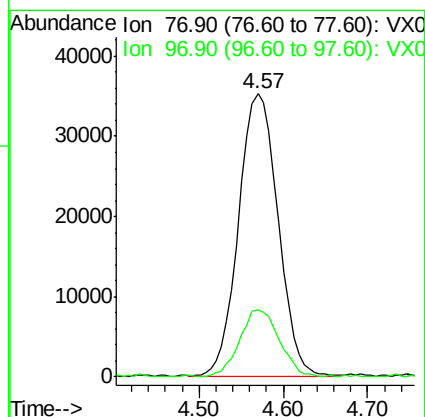
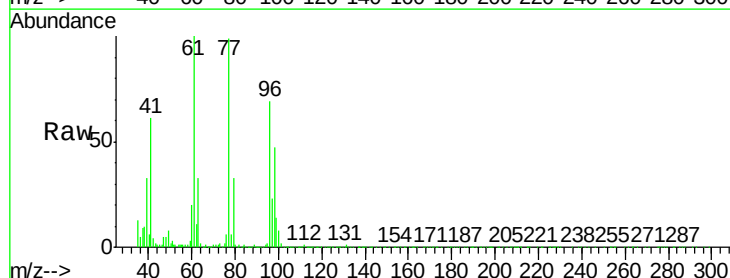
Acq: 31 Jan 2020 12:35

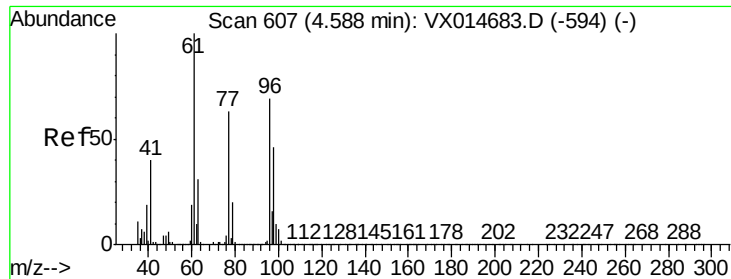
Tgt Ion: 77 Resp: 112990

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3



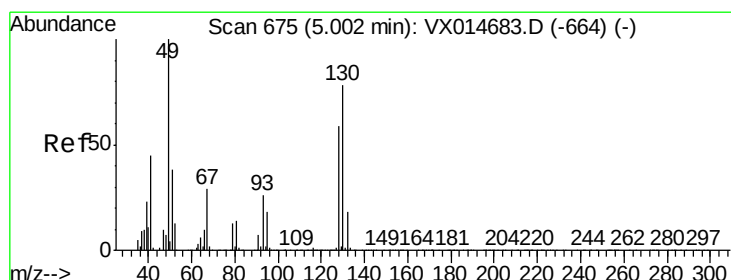
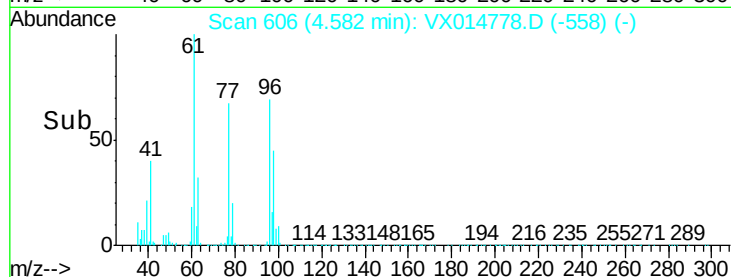
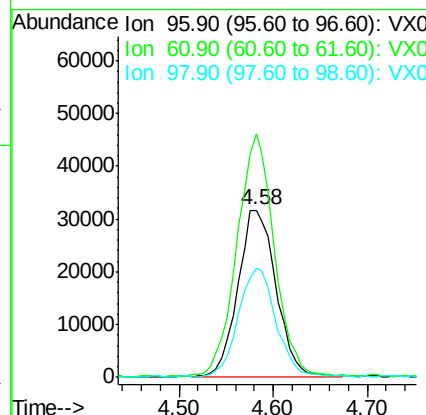
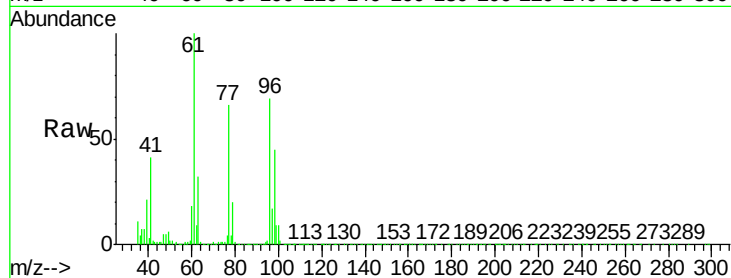


#27

cis-1,2-Dichloroethene
Concen: 18.01 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

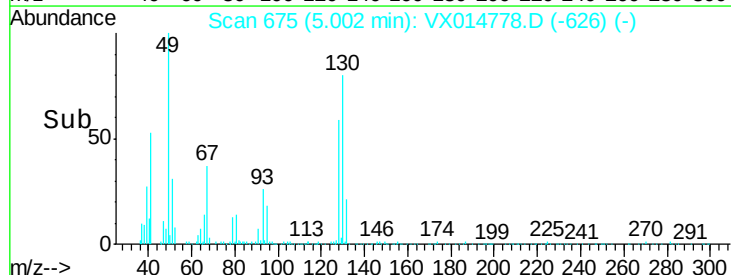
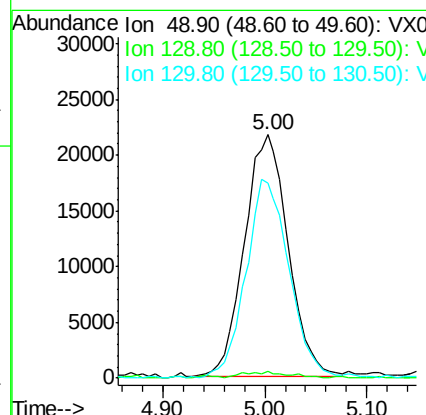
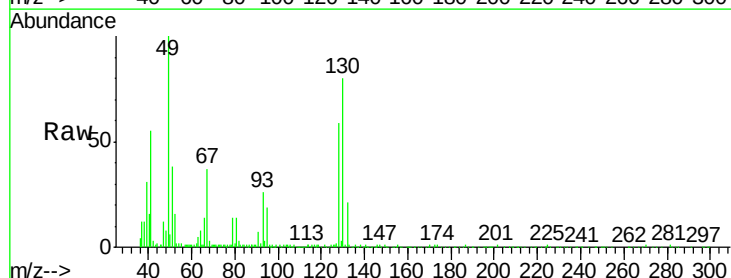
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	291.0
98	64.5	0.0	129.8

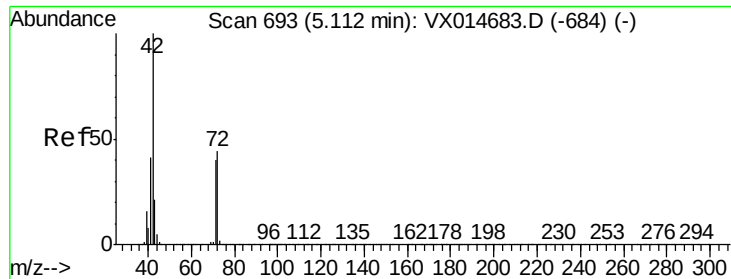


#28

Bromochloromethane
Concen: 18.85 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	80.3	62.4	93.6





#29

Tetrahydrofuran

Concen: 87.25 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

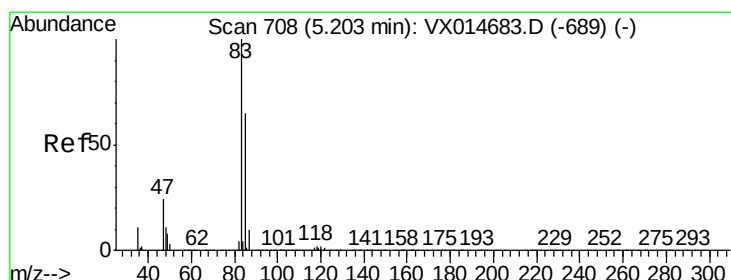
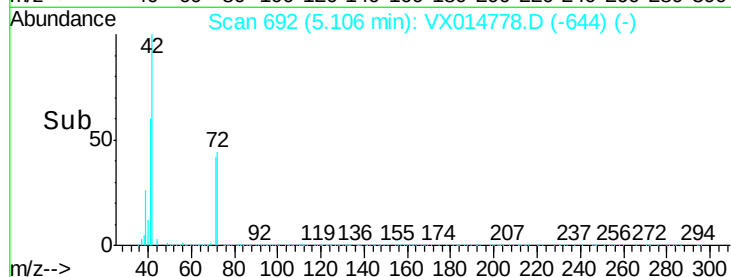
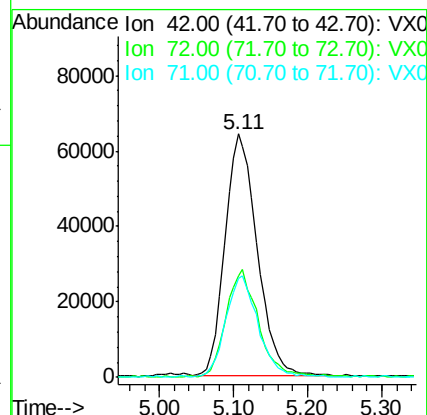
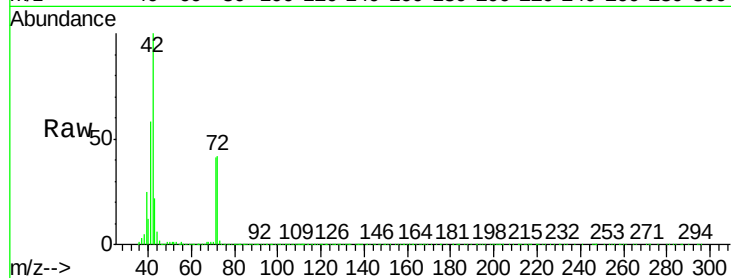
Tgt Ion: 42 Resp: 191950

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

71 42.4 33.1 49.7



#30

Chloroform

Concen: 18.44 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014778.D

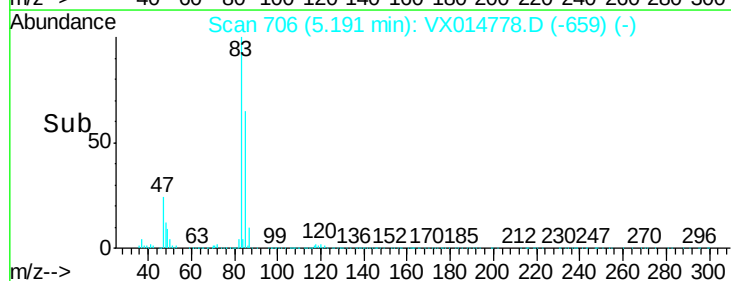
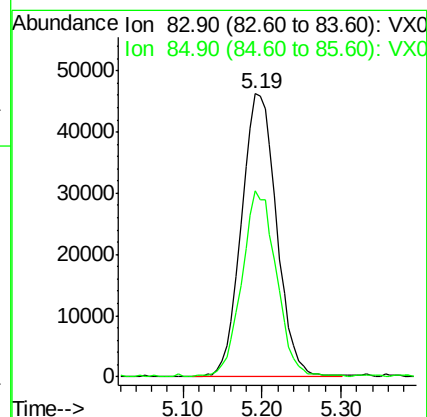
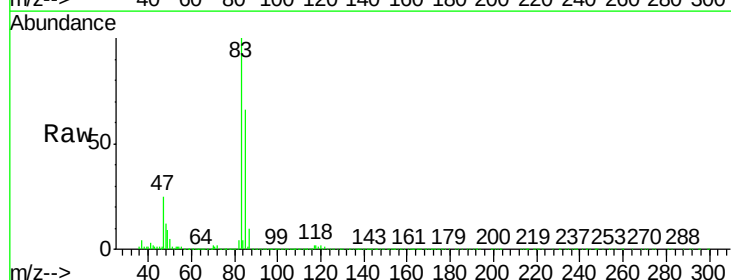
Acq: 31 Jan 2020 12:35

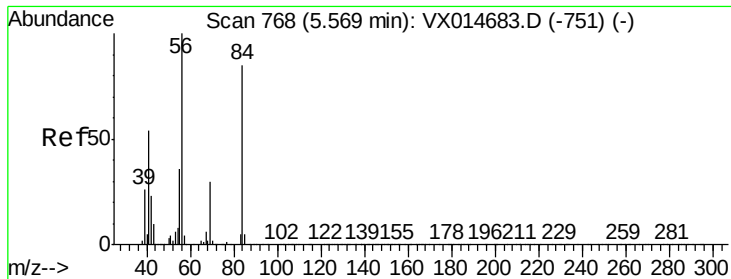
Tgt Ion: 83 Resp: 142559

Ion Ratio Lower Upper

83 100

85 65.6 51.7 77.5

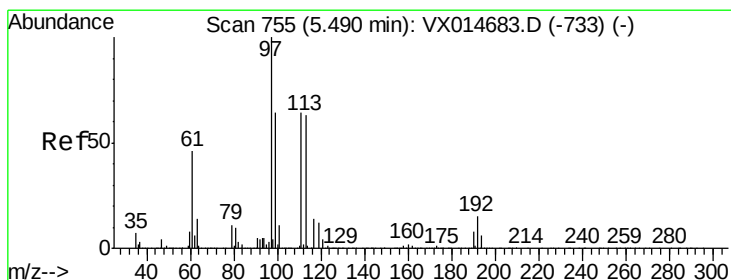
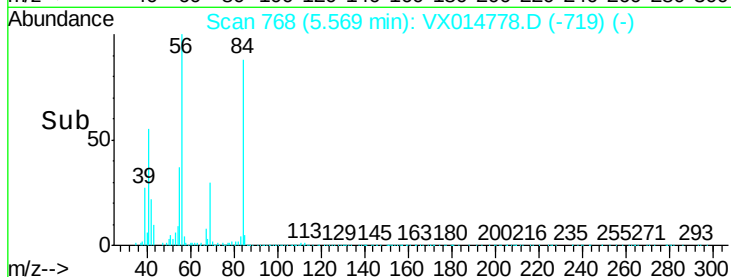
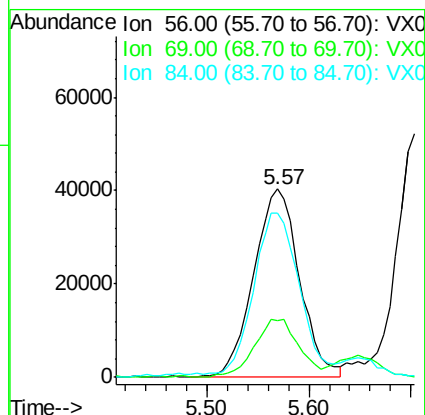
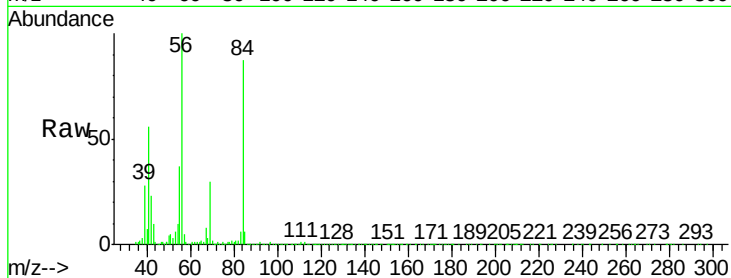




#31
Cyclohexane
Concen: 16.95 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

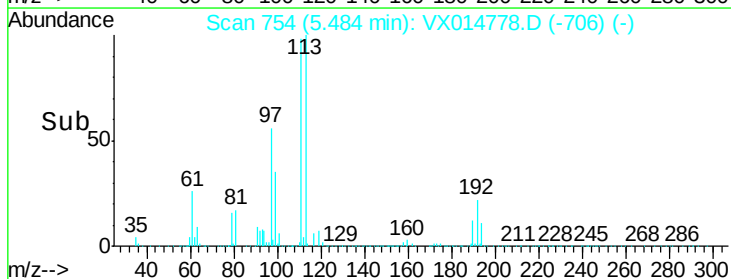
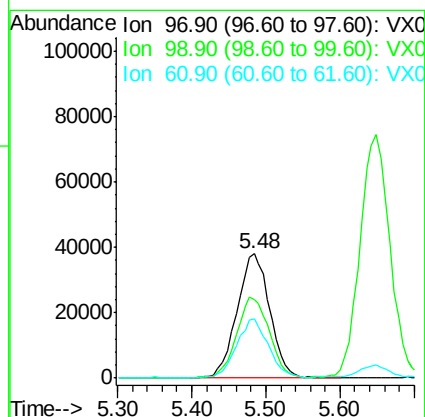
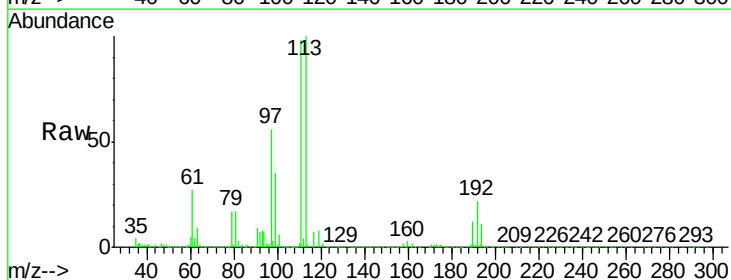
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

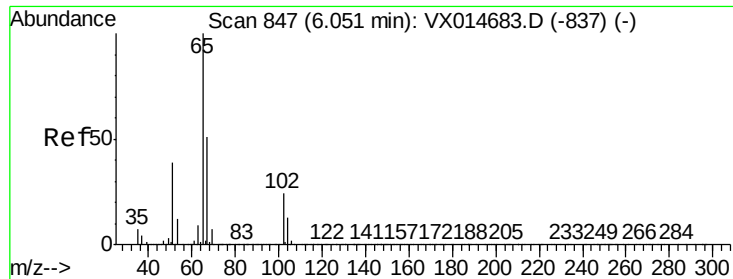
Tgt Ion: 56 Resp: 124444
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 85.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 17.85 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 97 Resp: 116623
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 46.0 37.2 55.8

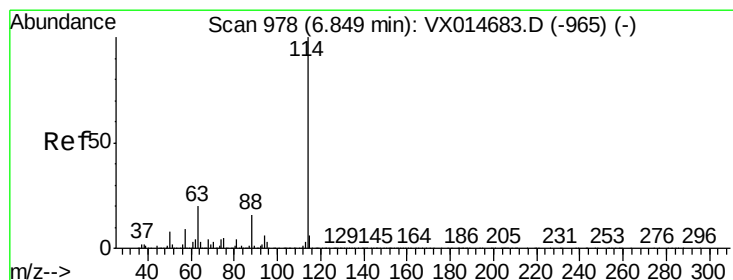
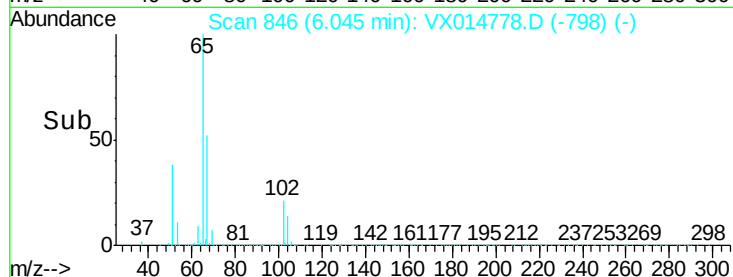
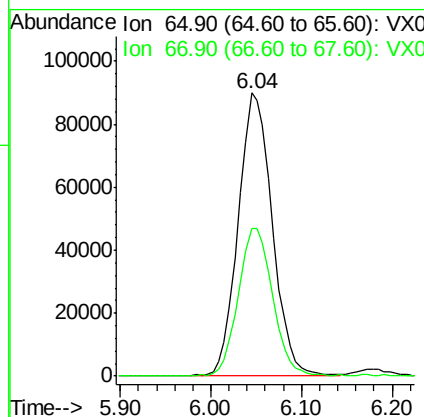
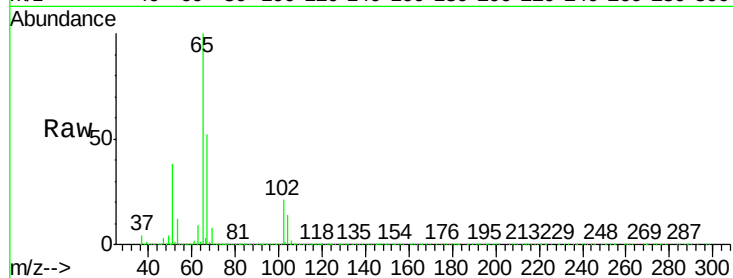




#33
 1,2-Dichloroethane-d4
 Concen: 49.49 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

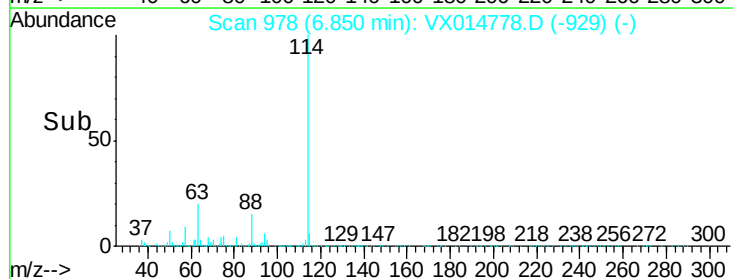
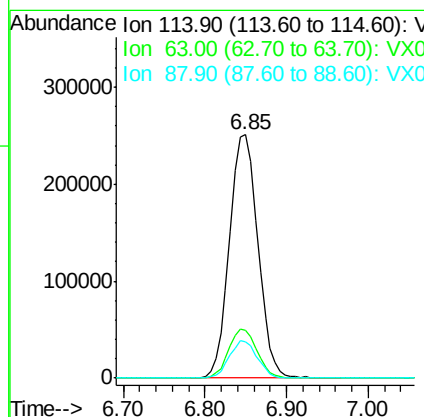
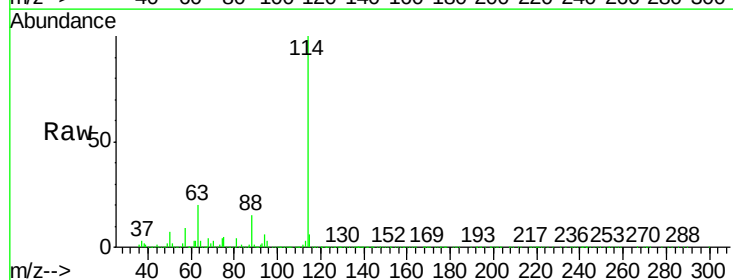
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

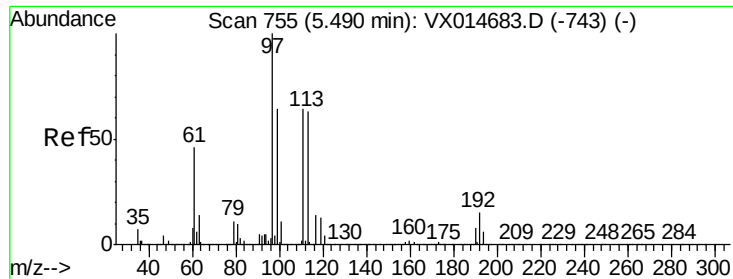
Tgt Ion: 65 Resp: 233597
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion: 114 Resp: 604766
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.0 0.0 31.2

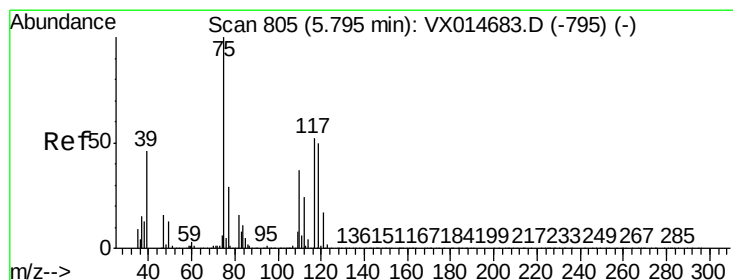
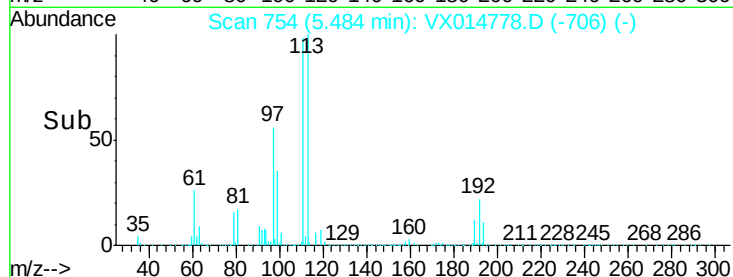
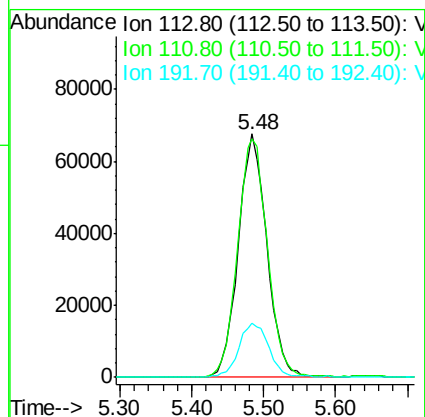
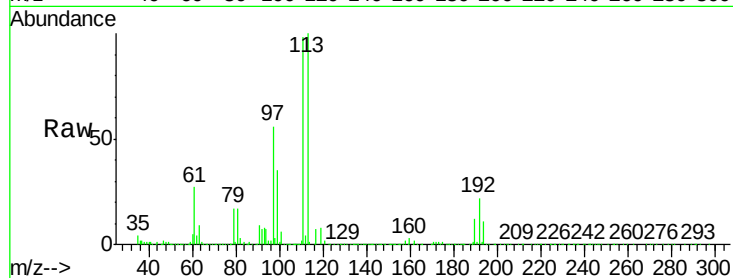




#35
 Dibromofluoromethane
 Concen: 48.58 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

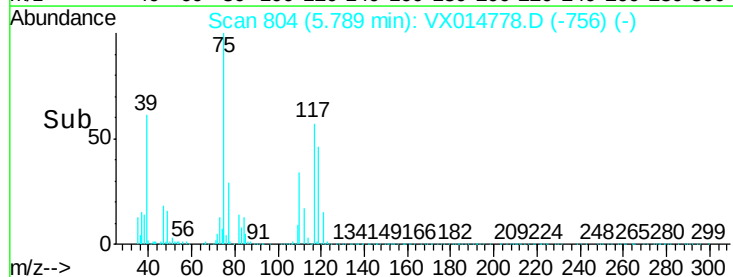
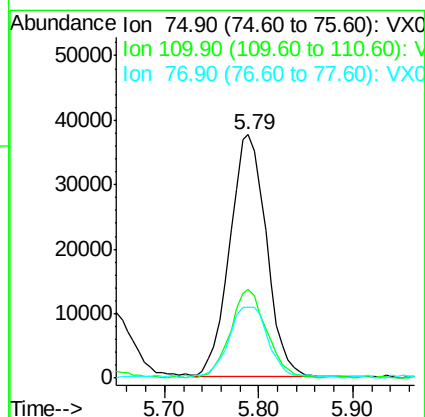
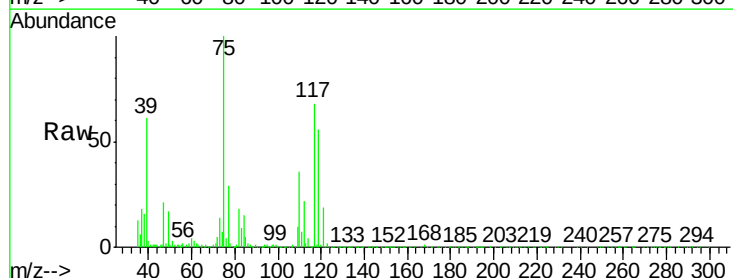
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

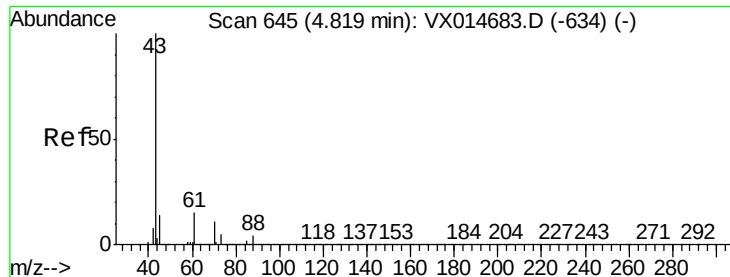
Tgt Ion:113 Resp: 185385
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 23.6 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 18.09 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion: 75 Resp: 101637
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.9 53.7
 77 31.9 24.1 36.1

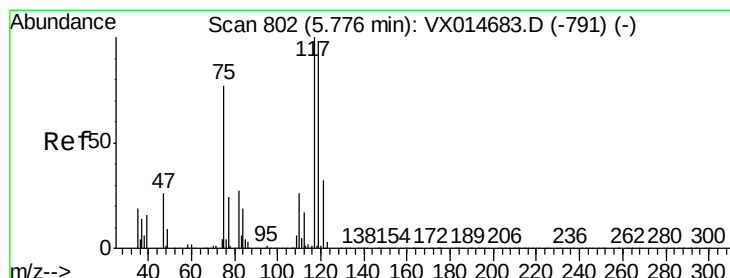
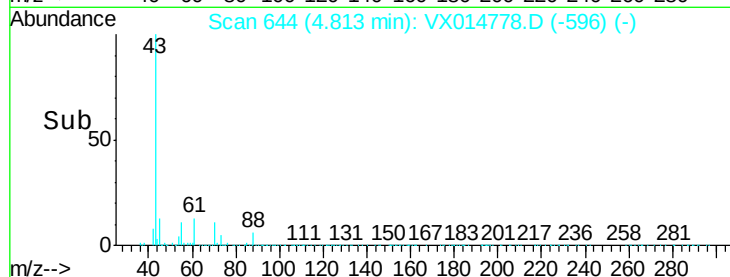
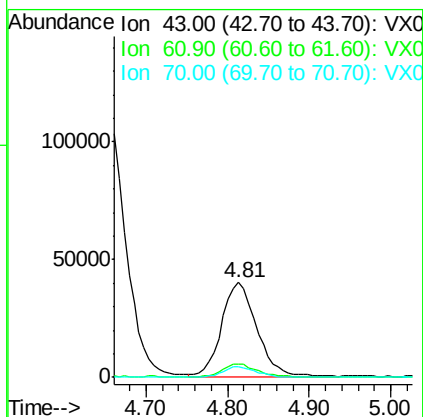
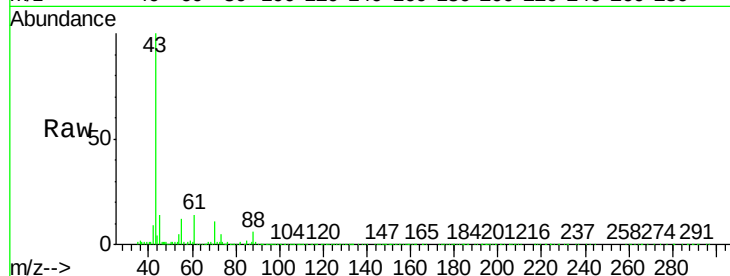




#37
Ethyl Acetate
 Concen: 18.36 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

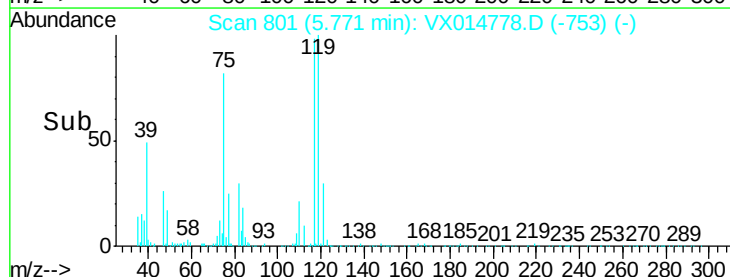
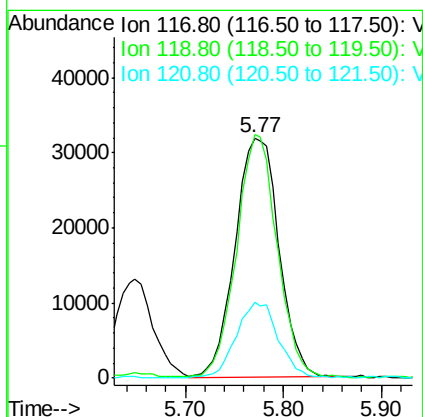
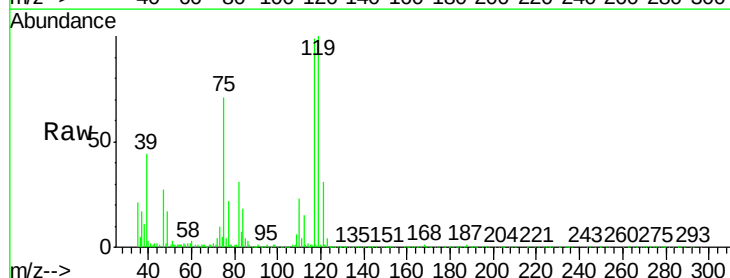
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

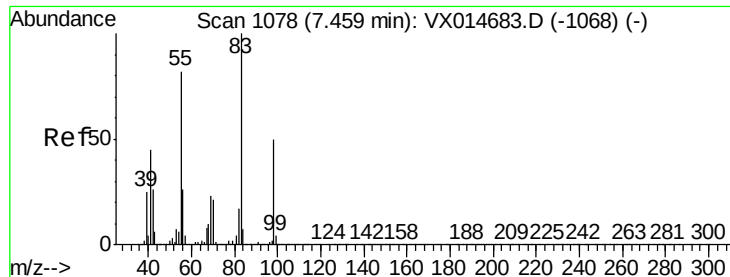
Tgt Ion:	43	Resp:	118198
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.4
70	10.2	8.5	12.7



#38
Carbon Tetrachloride
 Concen: 18.44 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion:	117	Resp:	98949
Ion	Ratio	Lower	Upper
117	100		
119	101.3	77.9	116.9
121	31.5	25.4	38.2

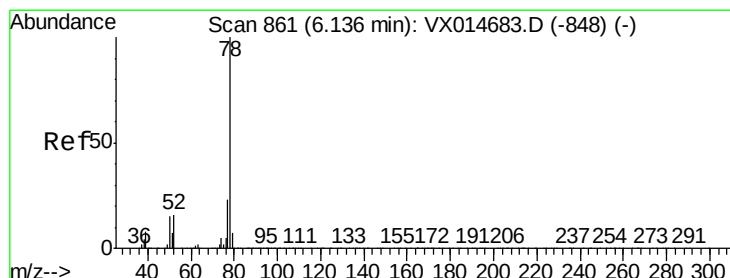
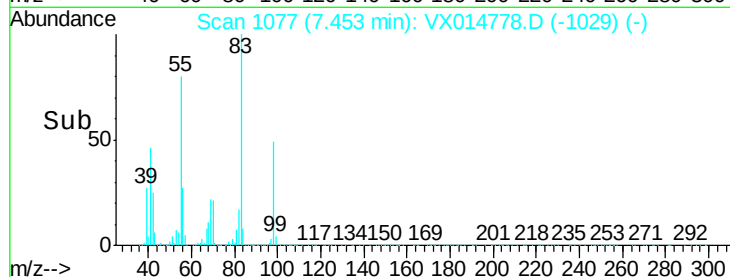
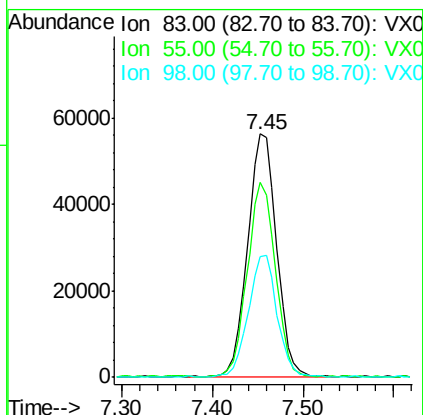
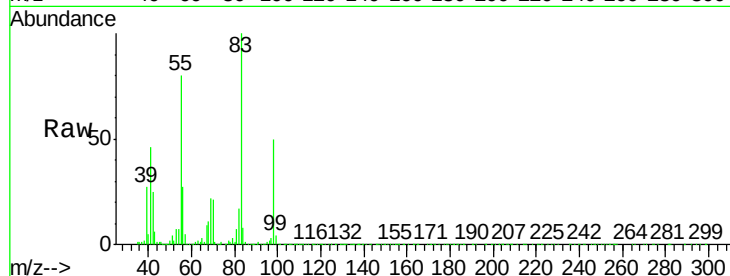




#39
Methylcyclohexane
Concen: 17.77 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

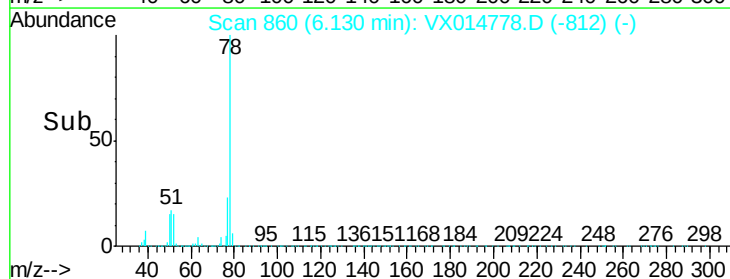
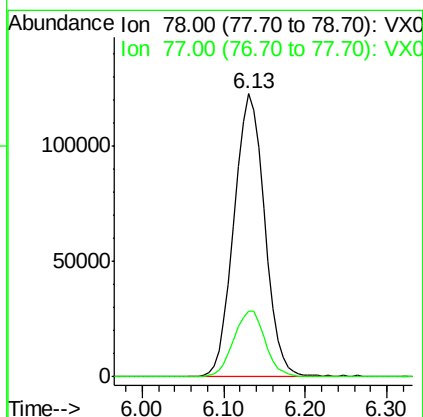
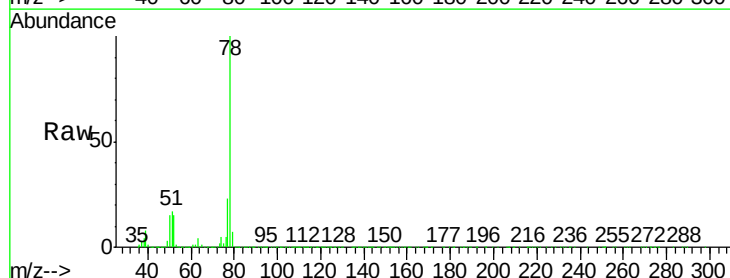
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

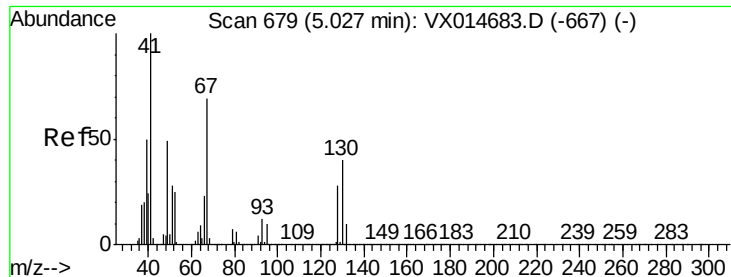
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	65.6	98.4
98	49.2	40.2	60.4



#40
Benzene
Concen: 18.39 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1





#41

Methacrylonitrile

Concen: 17.71 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

Tgt Ion: 41 Resp: 65637

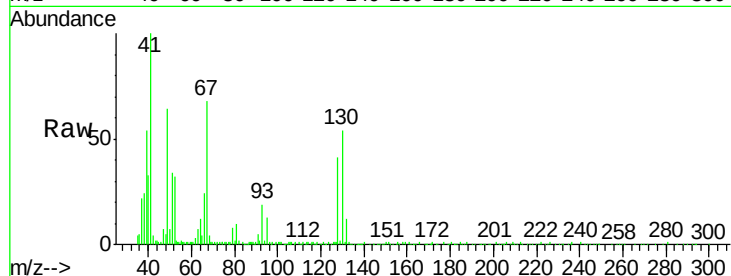
Ion Ratio Lower Upper

41 100

39 57.1 42.2 63.2

67 69.0 55.4 83.0

52 30.6 22.1 33.1

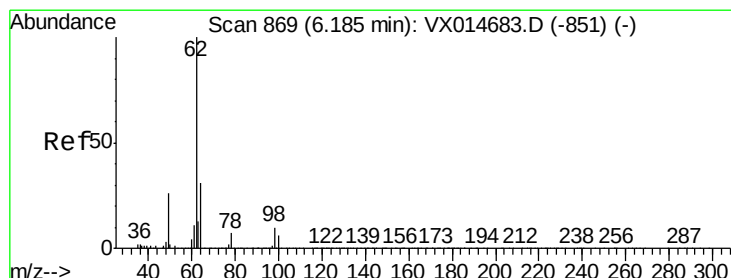
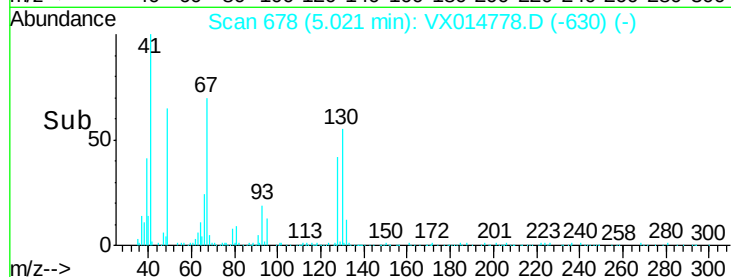
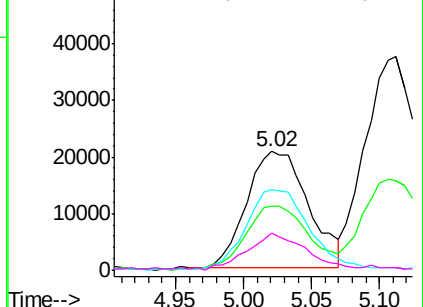


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.92 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014778.D

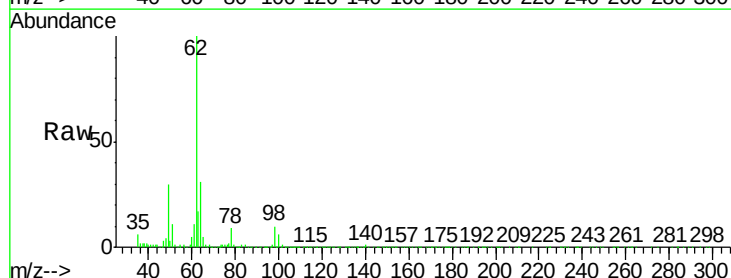
Acq: 31 Jan 2020 12:35

Tgt Ion: 62 Resp: 119458

Ion Ratio Lower Upper

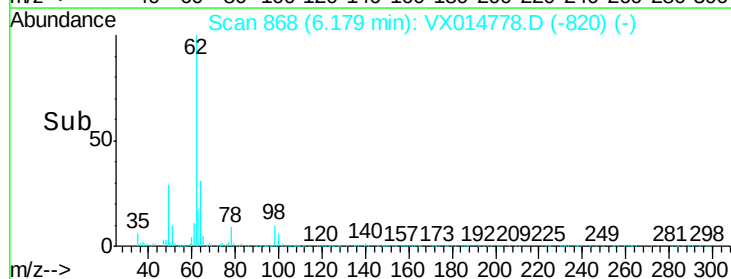
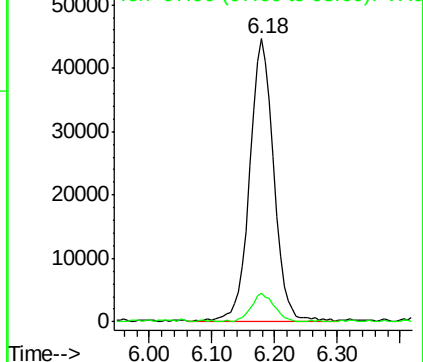
62 100

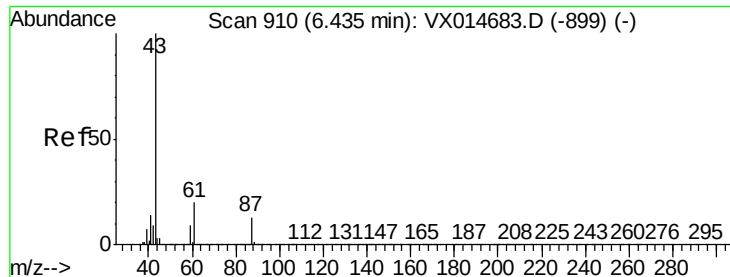
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.17 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

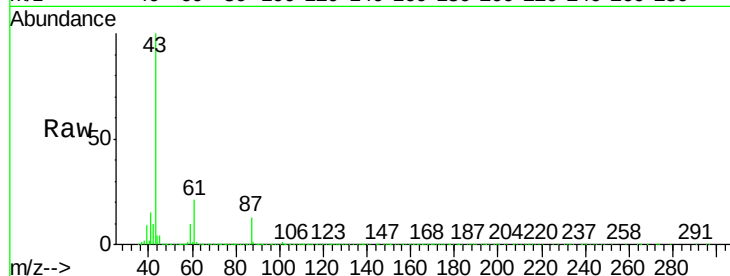
Tgt Ion: 43 Resp: 191552

Ion Ratio Lower Upper

43 100

61 19.6 16.2 24.4

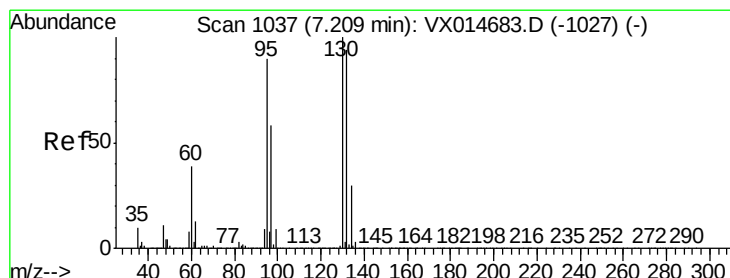
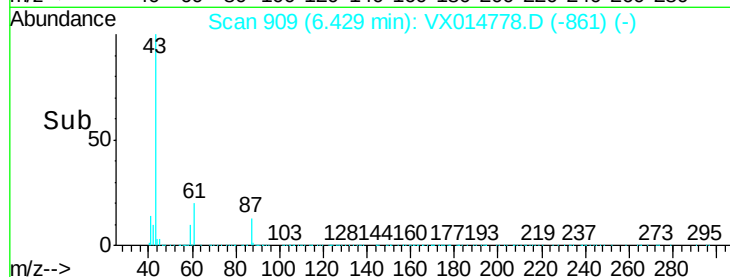
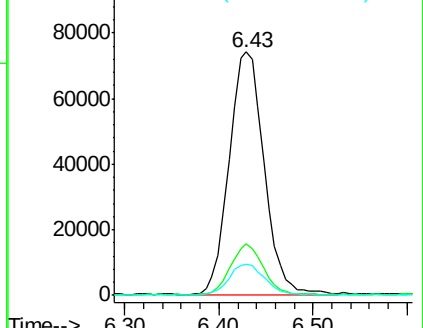
87 13.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.07 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014778.D

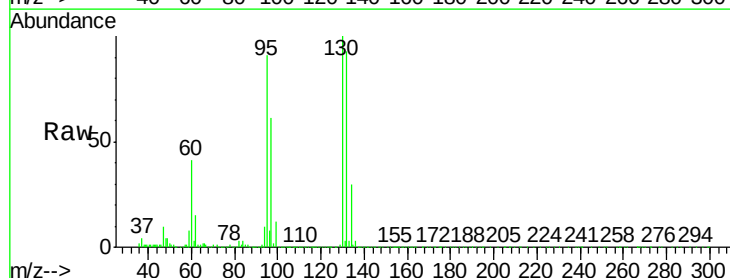
Acq: 31 Jan 2020 12:35

Tgt Ion: 130 Resp: 88627

Ion Ratio Lower Upper

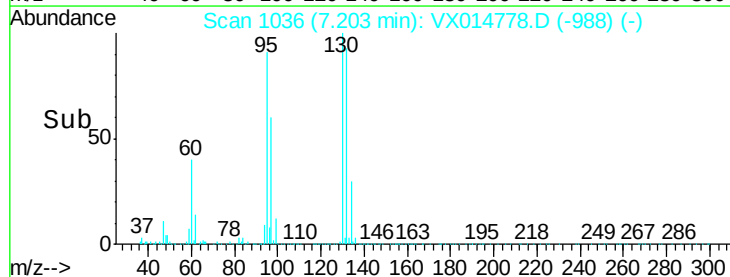
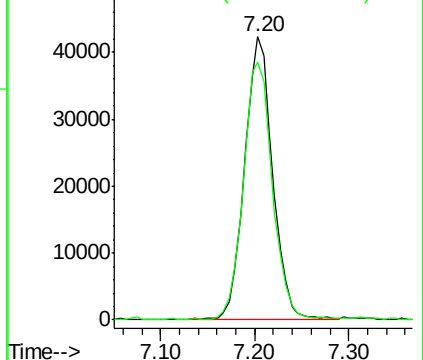
130 100

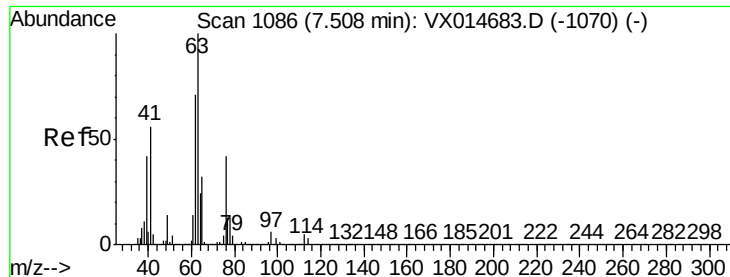
95 90.9 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.84 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

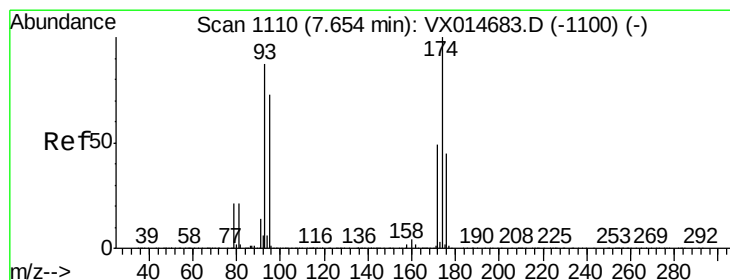
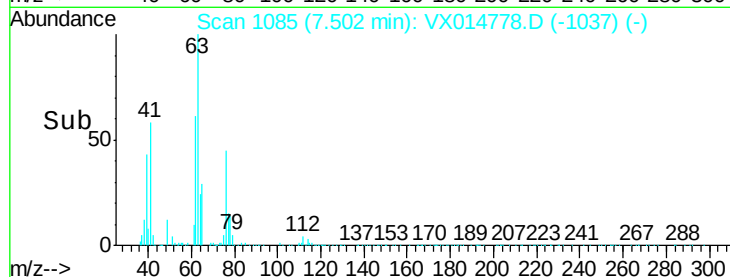
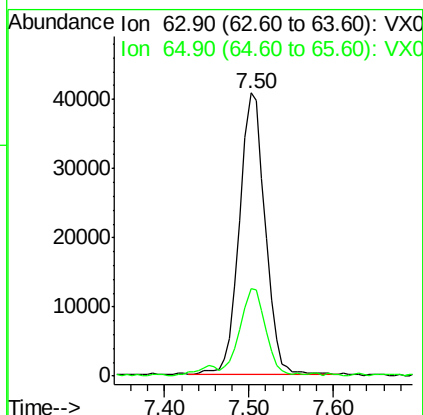
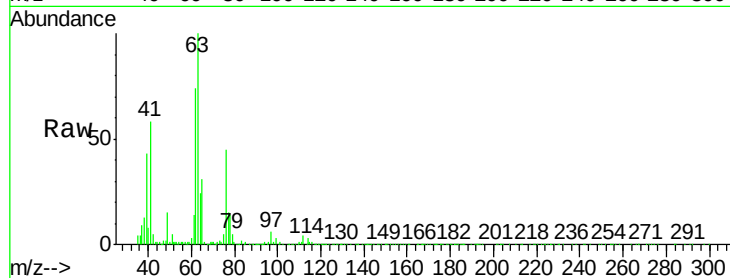
VX0131WBS02

Tgt Ion: 63 Resp: 84263

Ion Ratio Lower Upper

63 100

65 30.1 25.2 37.8



#46

Dibromomethane

Concen: 19.13 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

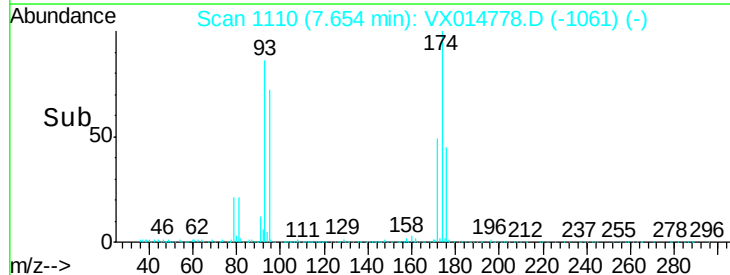
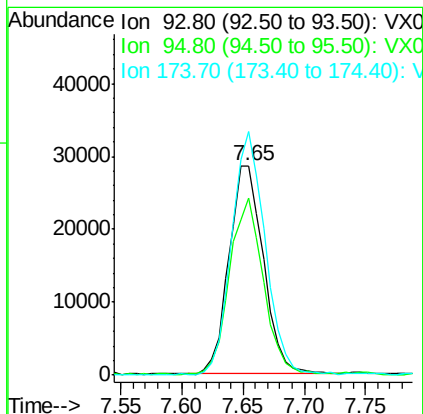
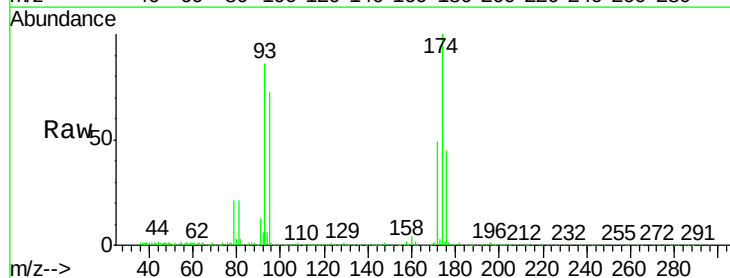
Tgt Ion: 93 Resp: 55421

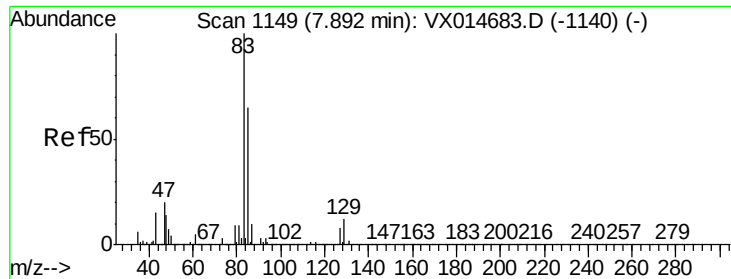
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 115.3 90.2 135.2





#47

Bromodichloromethane

Concen: 18.87 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

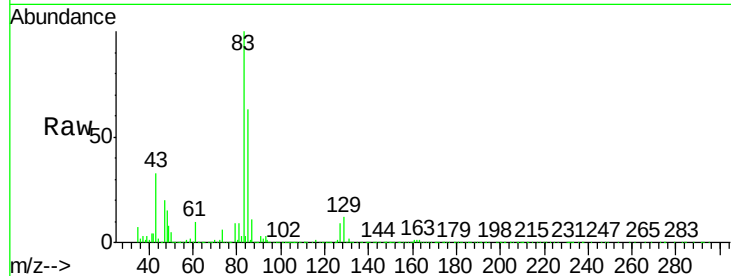
Tgt Ion: 83 Resp: 107216

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.2

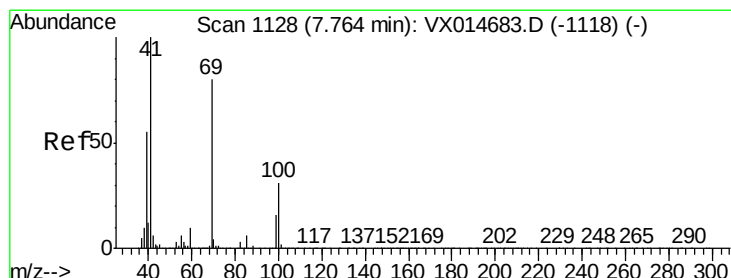
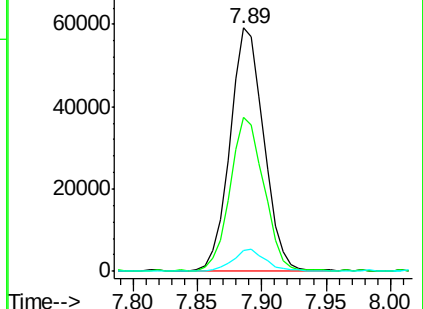
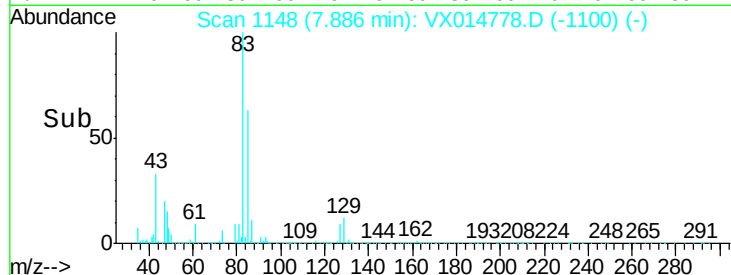
127 8.7 6.4 9.6



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: 18.41 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

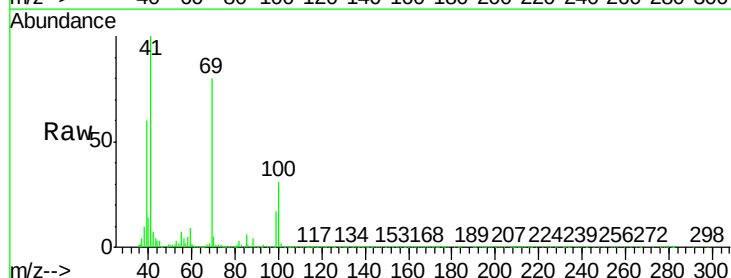
Tgt Ion: 41 Resp: 92706

Ion Ratio Lower Upper

41 100

69 83.1 63.5 95.3

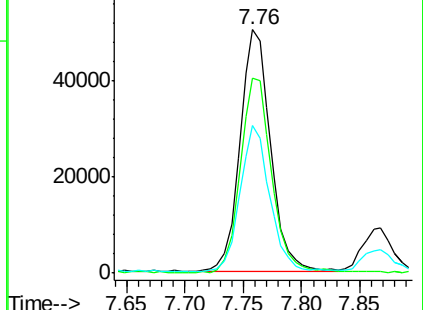
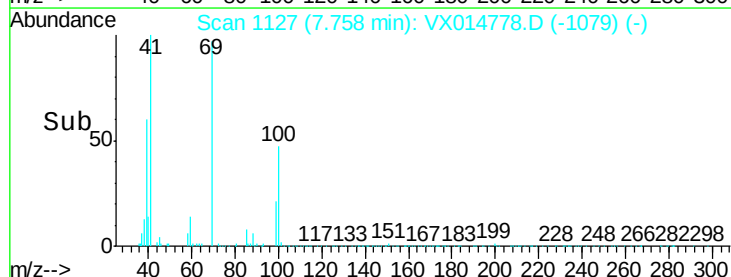
39 58.0 43.7 65.5

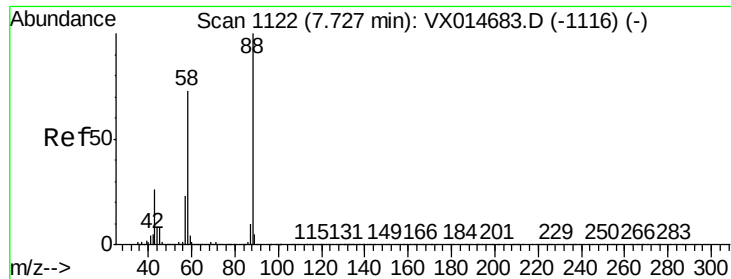


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 369.08 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

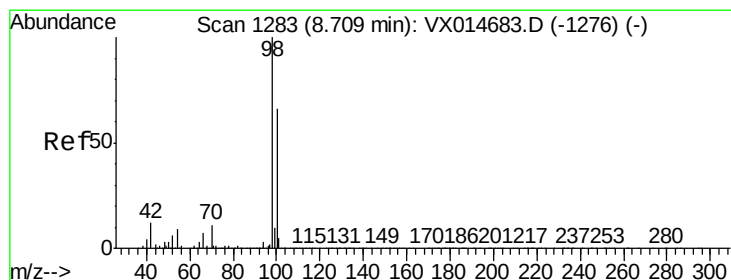
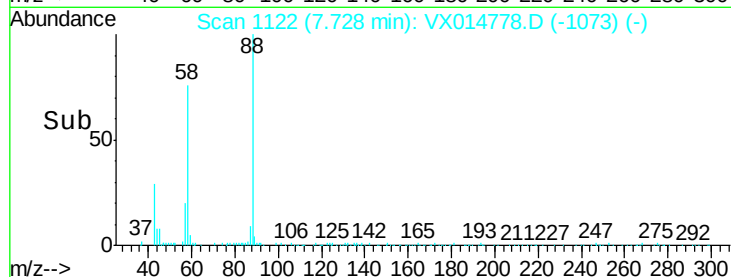
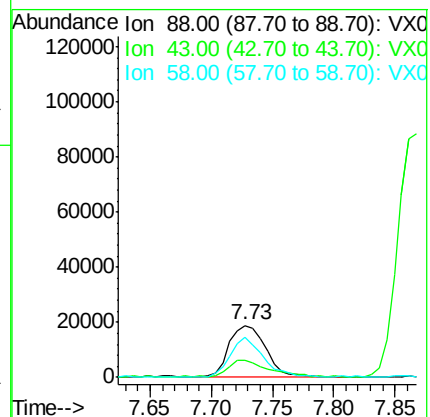
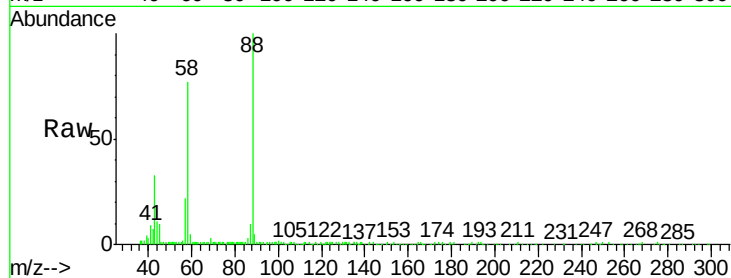
Tgt Ion: 88 Resp: 39398

Ion Ratio Lower Upper

88 100

43 34.4 26.2 39.2

58 68.0 56.6 85.0



#50

Toluene-d8

Concen: 48.29 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014778.D

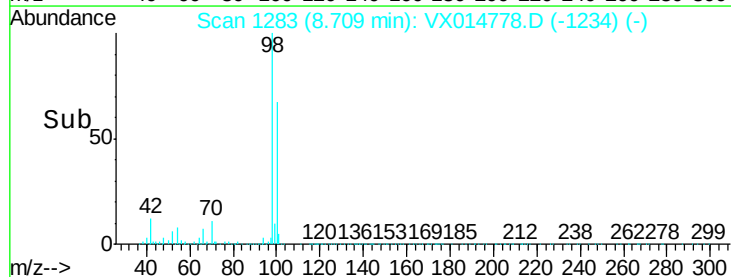
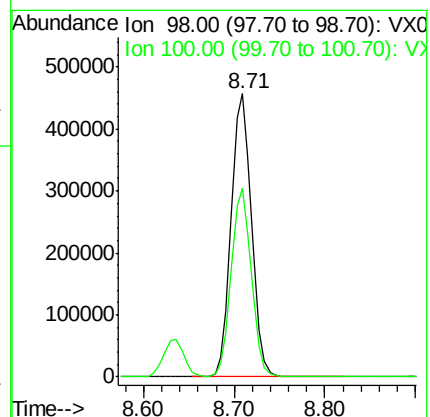
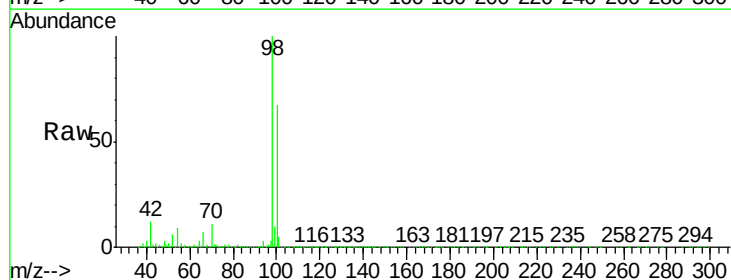
Acq: 31 Jan 2020 12:35

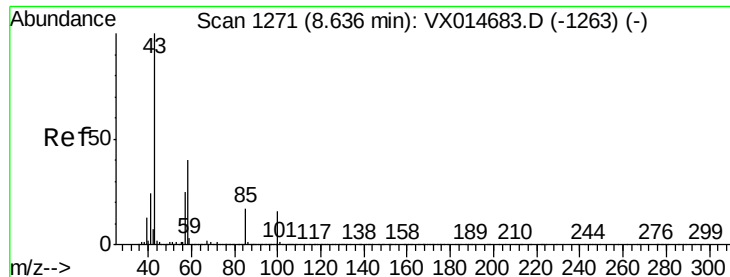
Tgt Ion: 98 Resp: 708495

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6

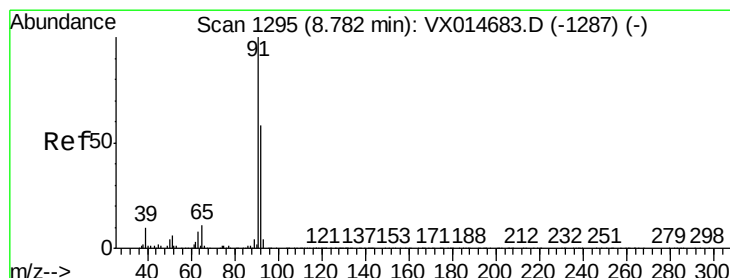
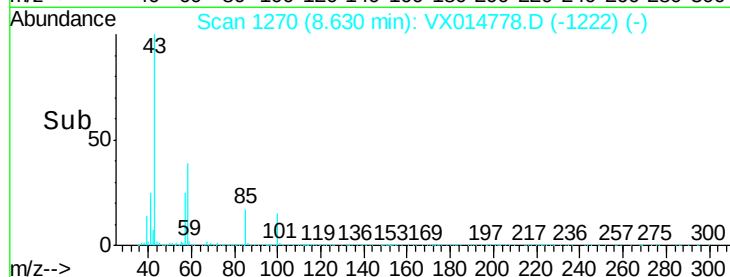
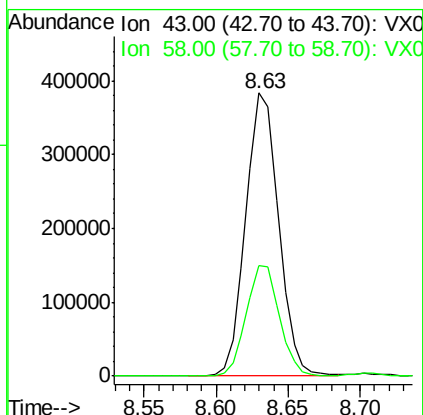
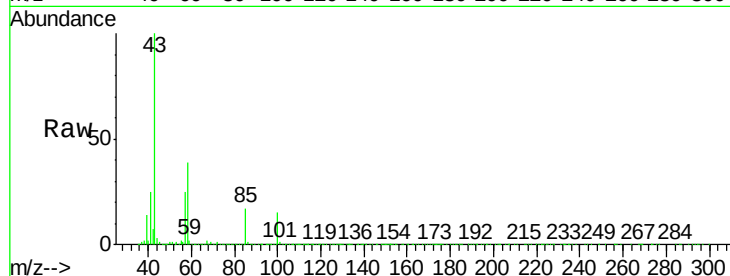




#51
4-Methyl-2-Pentanone
Concen: 91.02 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

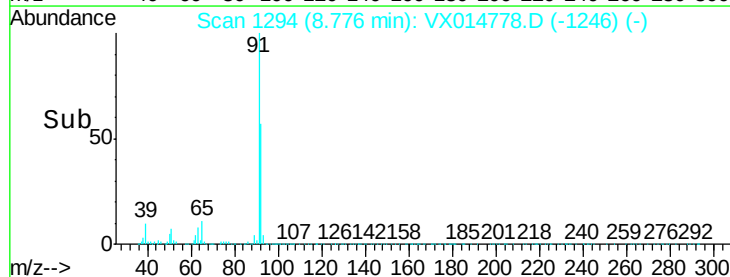
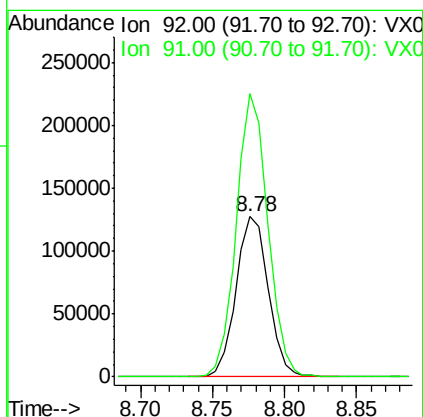
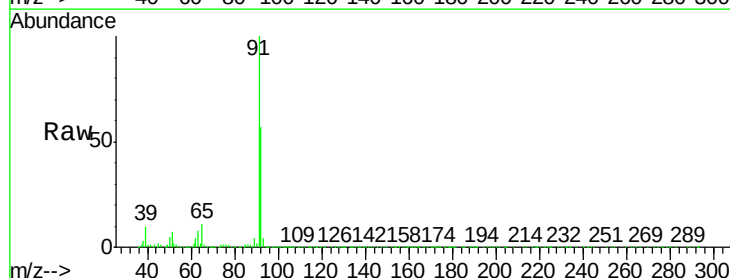
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

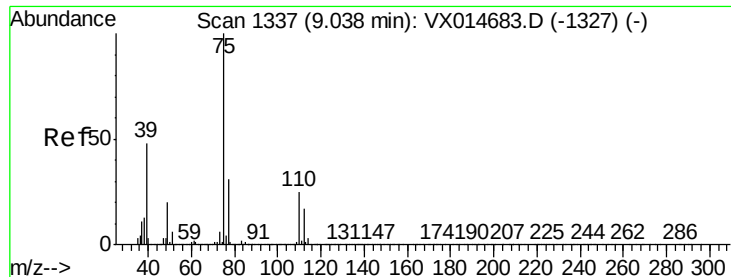
Tgt Ion: 43 Resp: 605491
Ion Ratio Lower Upper
43 100
58 39.6 31.6 47.4



#52
Toluene
Concen: 18.55 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 92 Resp: 197967
Ion Ratio Lower Upper
92 100
91 173.1 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.14 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

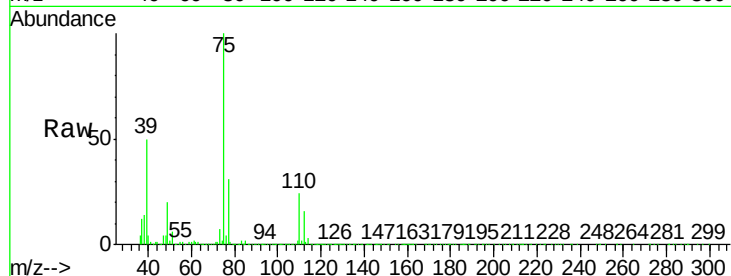
VX0131WBS02

Tgt Ion: 75 Resp: 117101

Ion Ratio Lower Upper

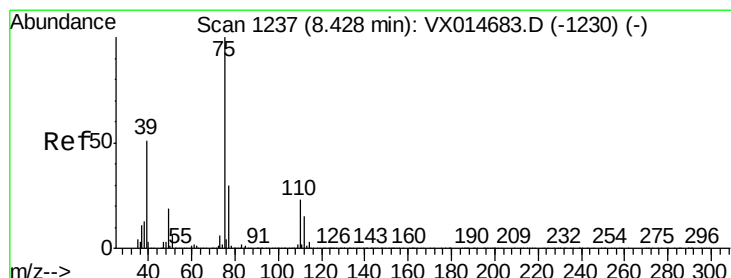
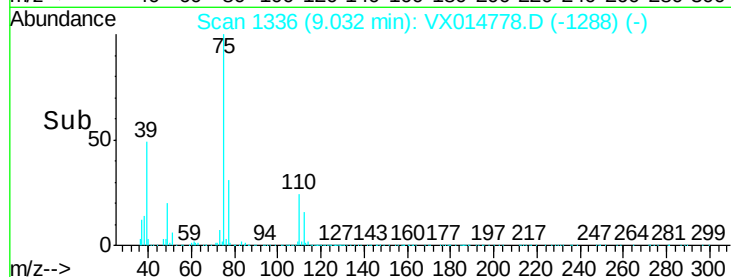
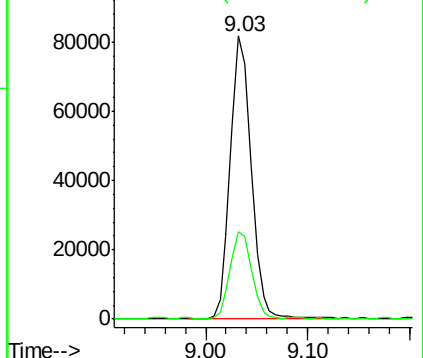
75 100

77 30.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.18 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

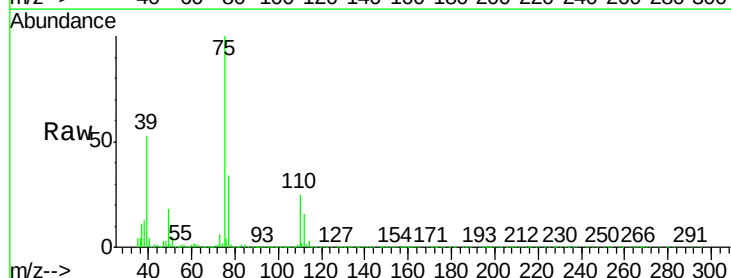
Tgt Ion: 75 Resp: 129101

Ion Ratio Lower Upper

75 100

77 33.3 23.9 35.9

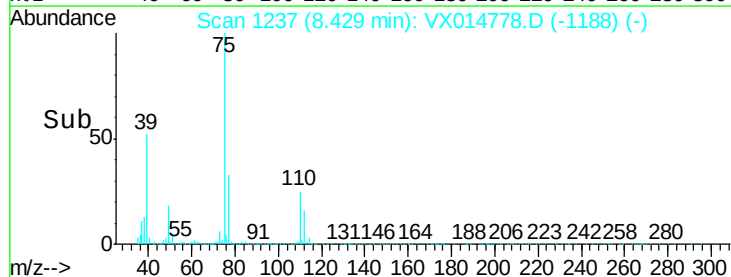
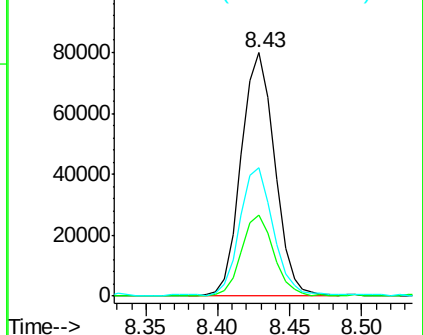
39 52.0 40.9 61.3

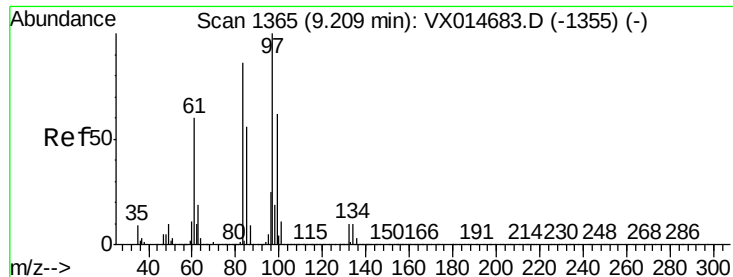


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

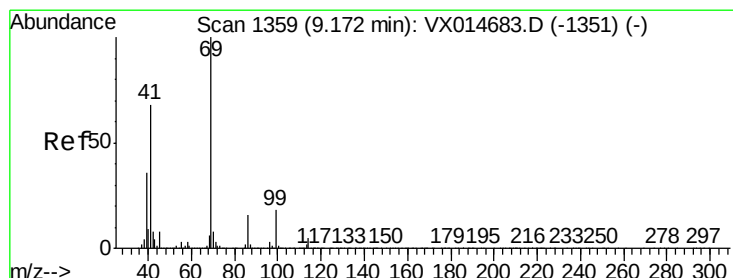
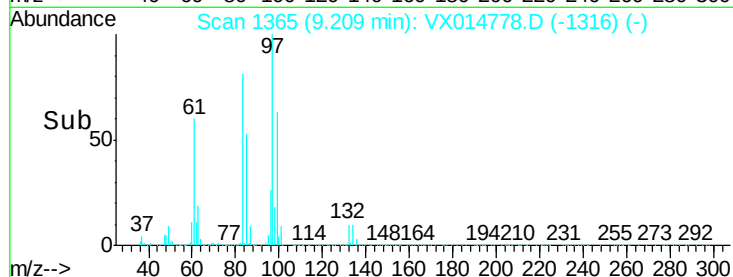
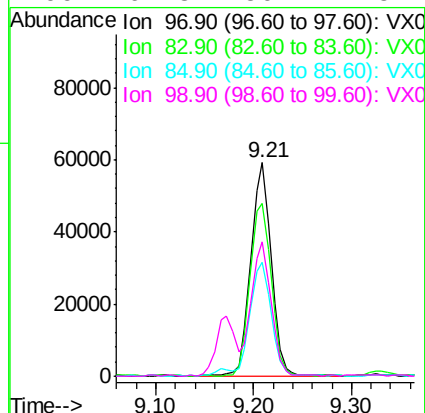
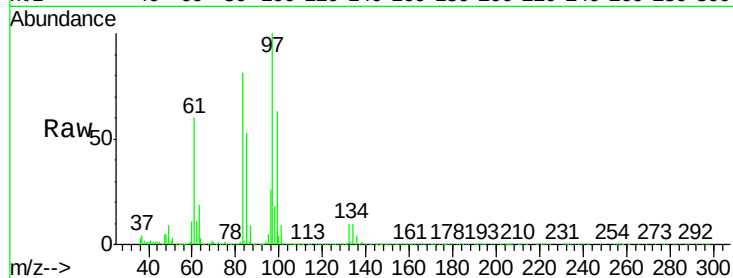




#55
 1,1,2-Trichloroethane
 Concen: 19.60 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

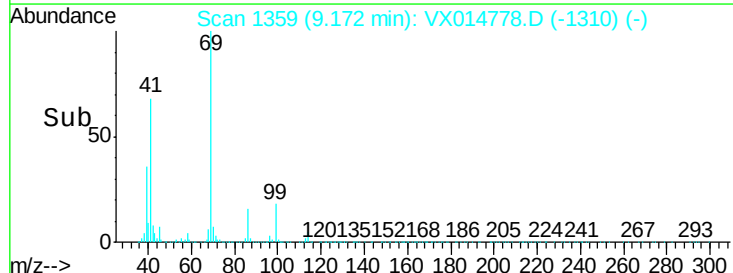
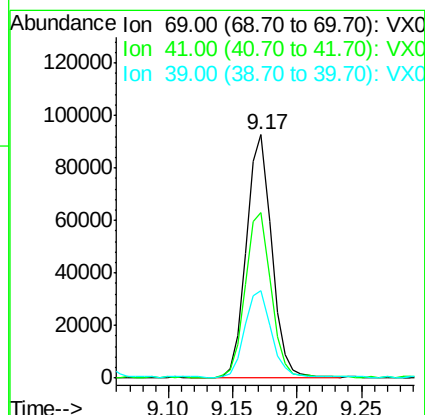
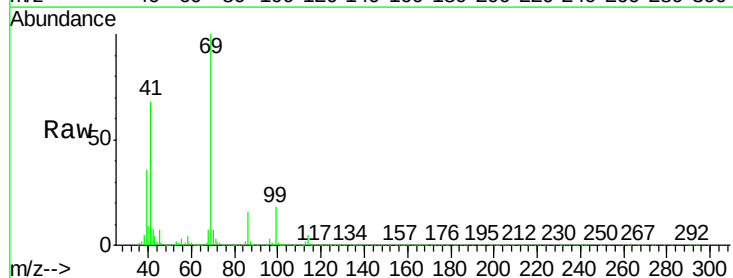
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

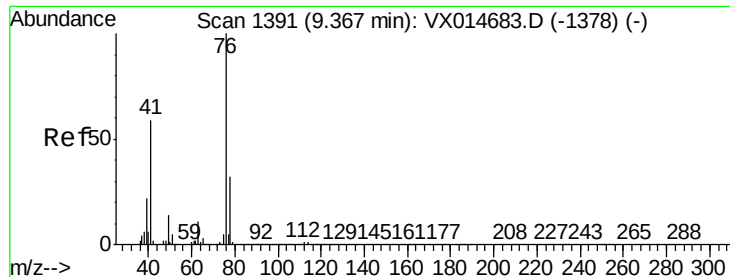
Tgt Ion:	97	Resp:	85641
Ion	Ratio	Lower	Upper
97	100		
83	80.8	69.2	103.8
85	53.0	44.6	67.0
99	62.8	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 17.97 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion:	69	Resp:	124316
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.9	82.3
39	37.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.02 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

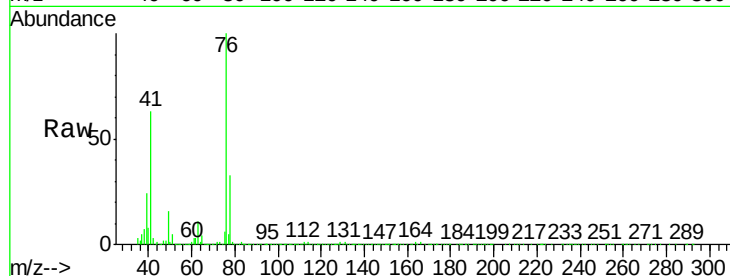
VX0131WBS02

Tgt Ion: 76 Resp: 142108

Ion Ratio Lower Upper

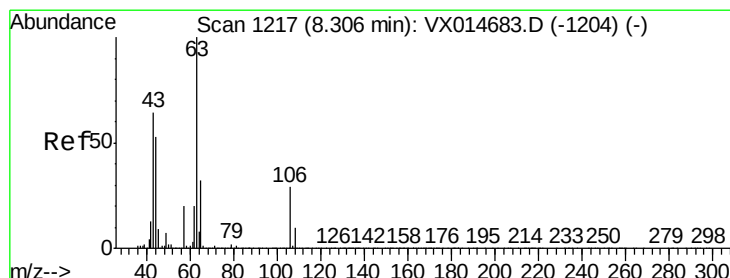
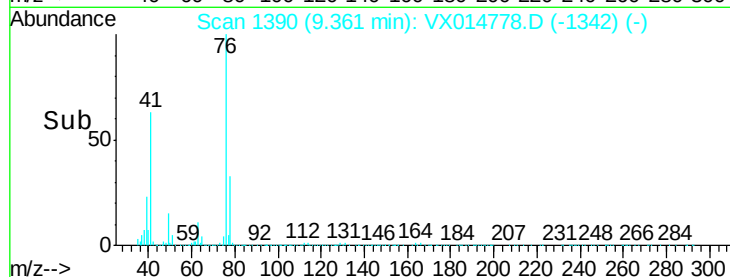
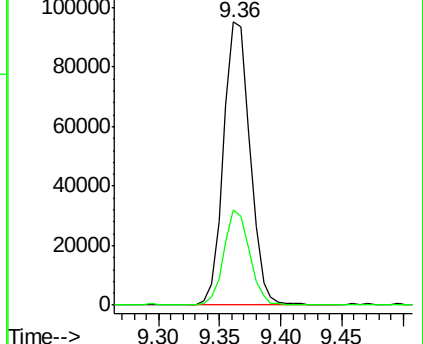
76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.15 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014778.D

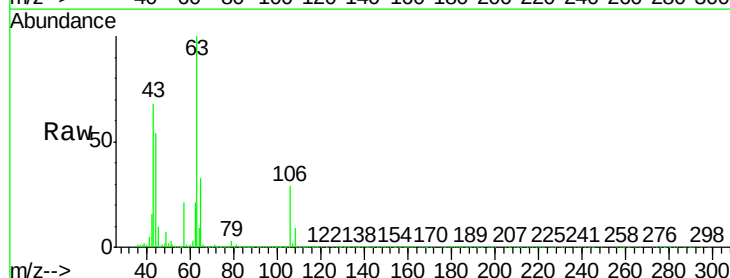
Acq: 31 Jan 2020 12:35

Tgt Ion: 63 Resp: 215687

Ion Ratio Lower Upper

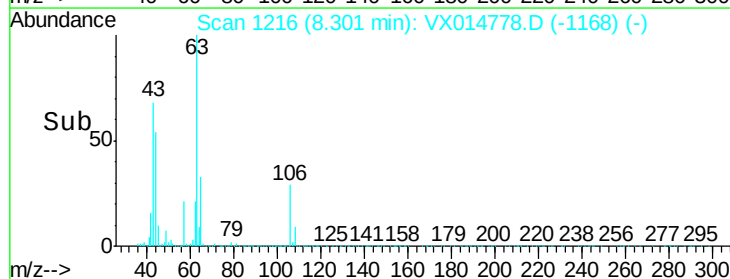
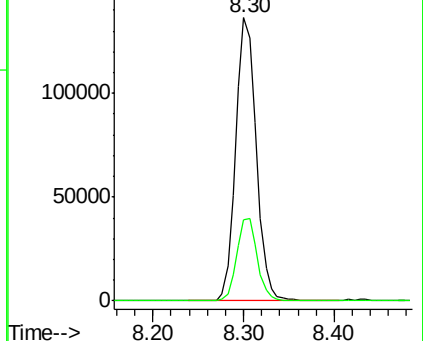
63 100

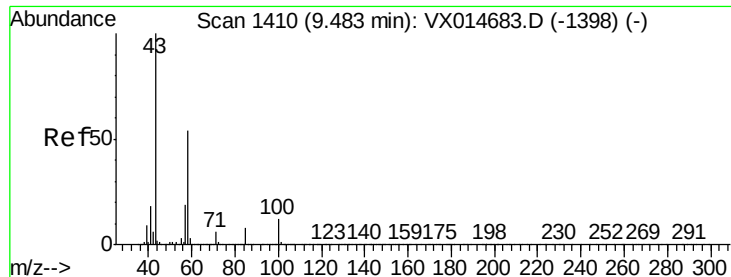
106 29.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

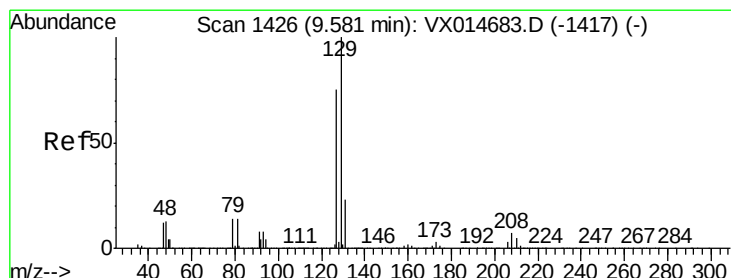
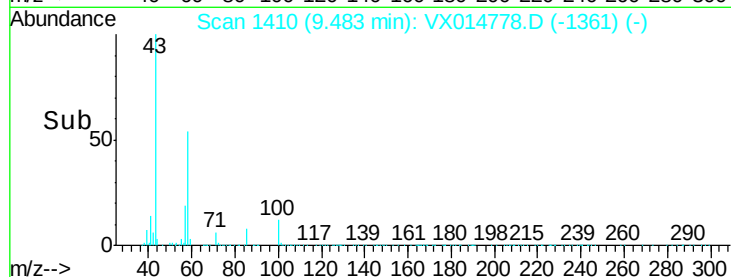
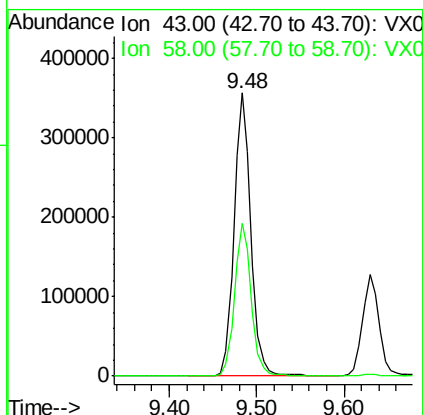
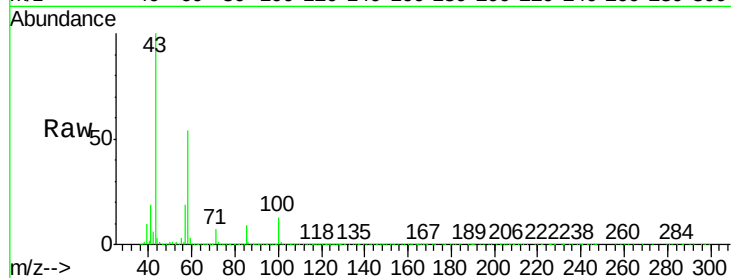




#59
2-Hexanone
Concen: 92.79 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

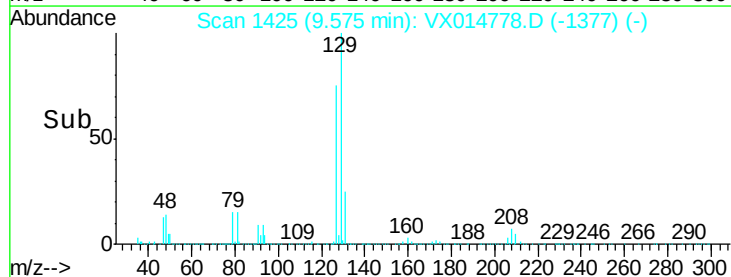
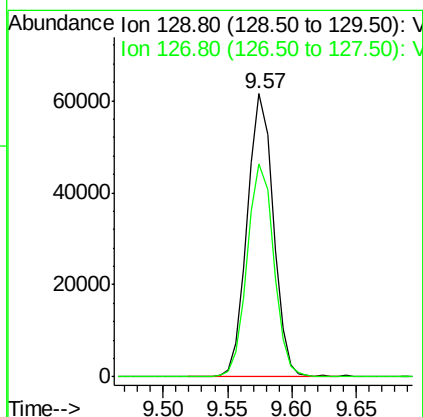
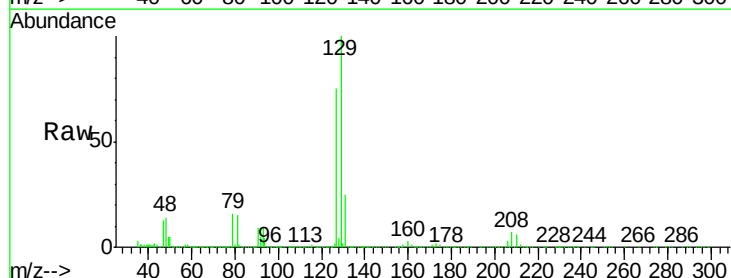
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

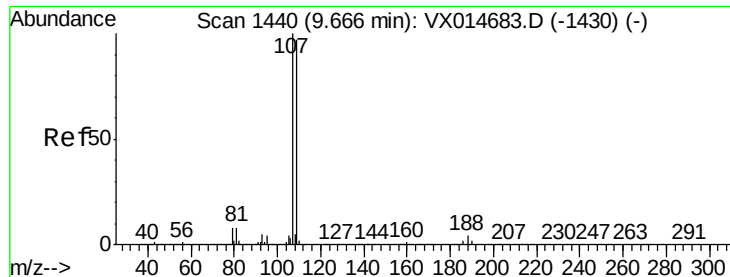
Tgt Ion: 43 Resp: 478992
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5



#60
Dibromochloromethane
Concen: 18.95 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 129 Resp: 86455
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.88 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

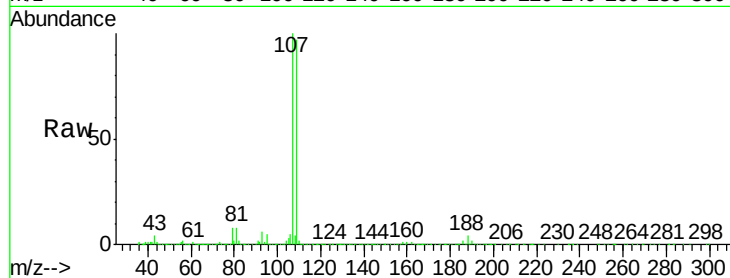
VX0131WBS02

Tgt Ion: 107 Resp: 87234

Ion Ratio Lower Upper

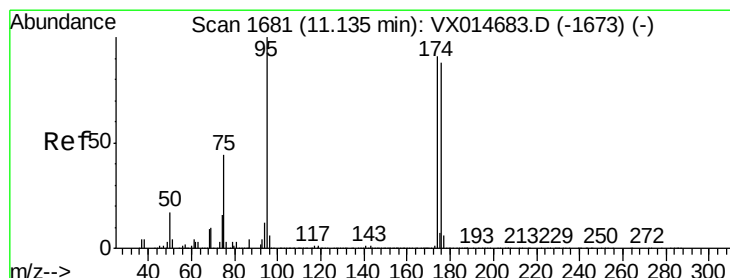
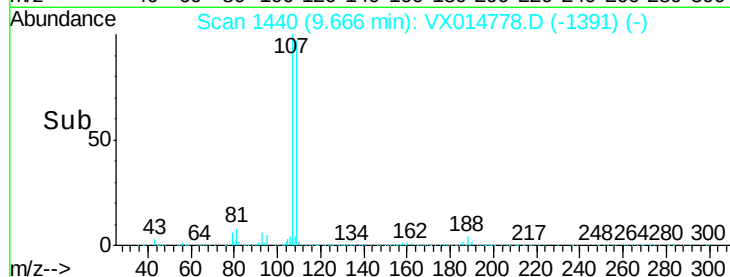
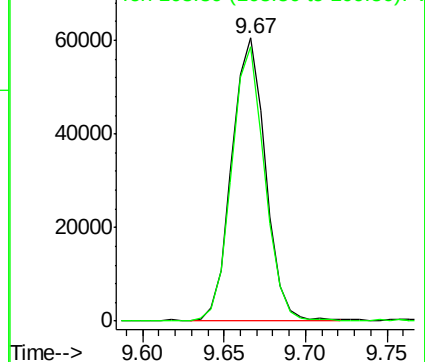
107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.83 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

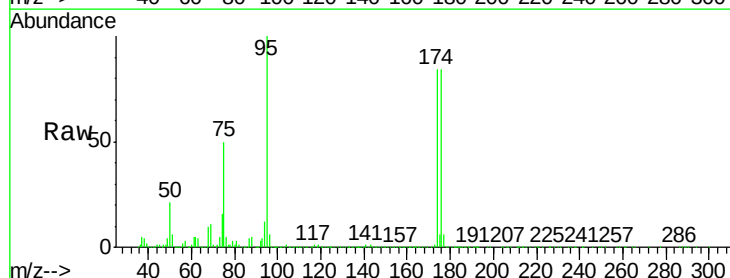
Tgt Ion: 95 Resp: 249932

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

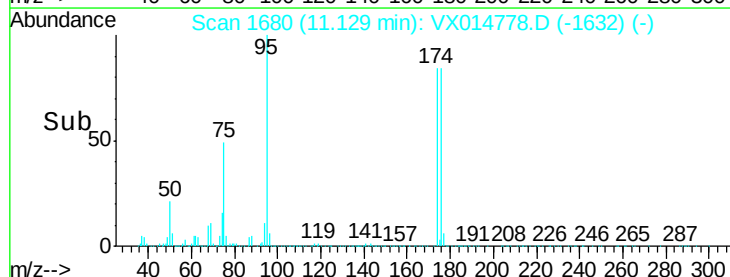
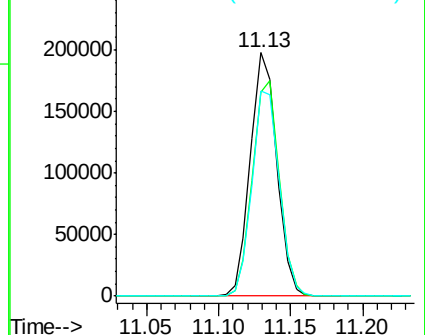
176 87.1 0.0 172.2

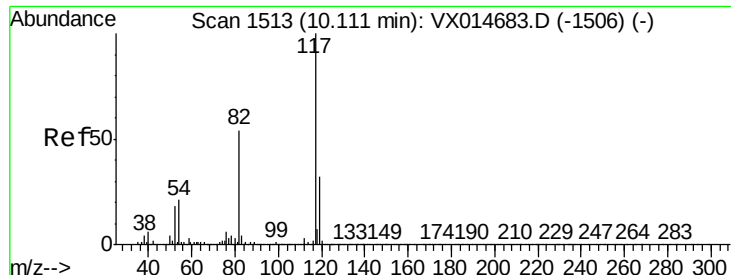


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS02

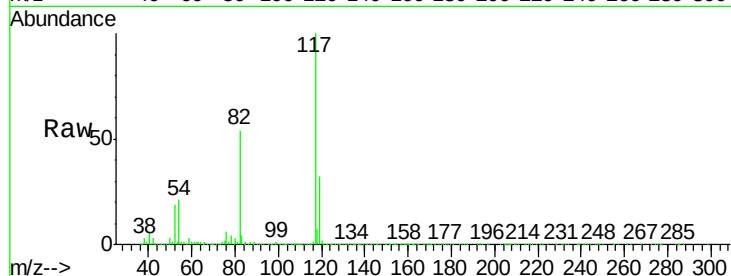
Tgt Ion:117 Resp: 552841

Ion Ratio Lower Upper

117 100

82 54.0 43.2 64.8

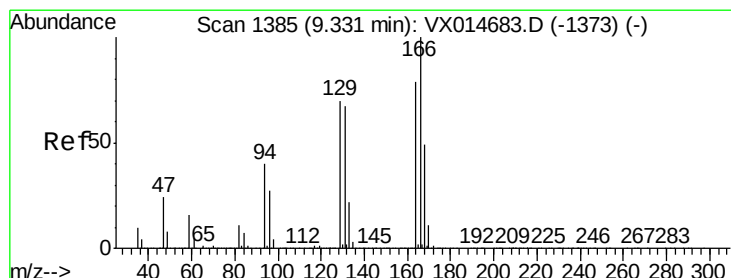
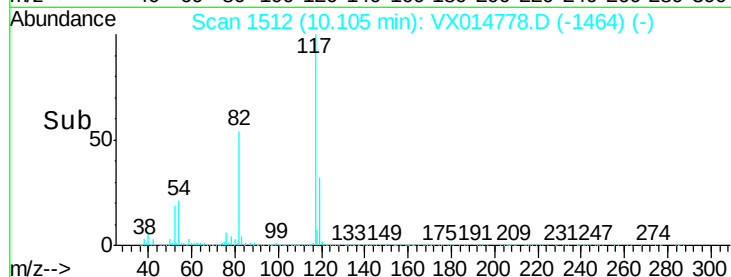
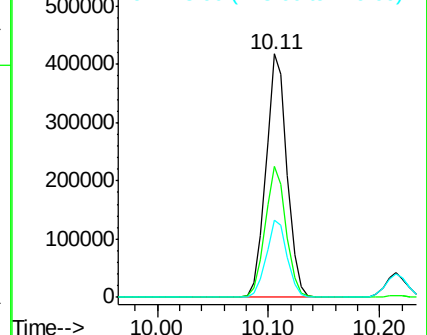
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.93 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Tgt Ion:164 Resp: 98129

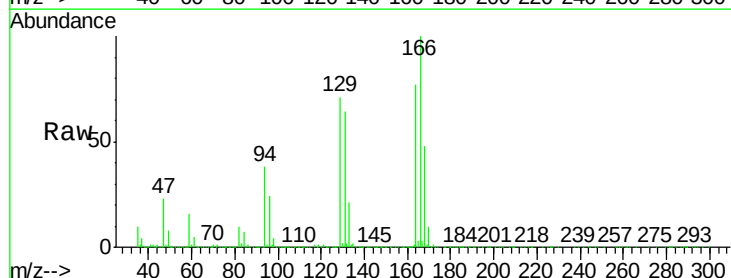
Ion Ratio Lower Upper

164 100

166 129.6 100.9 151.3

129 92.1 71.0 106.6

131 83.0 67.1 100.7

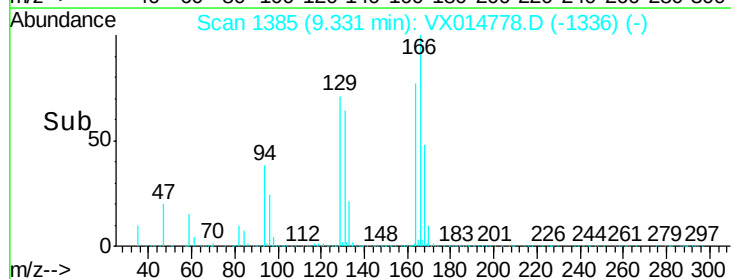
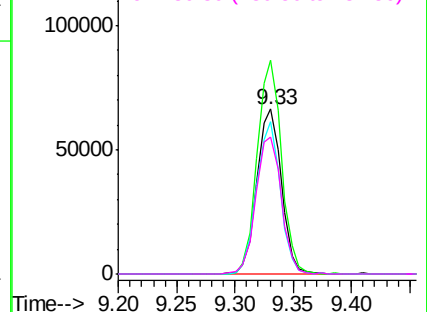


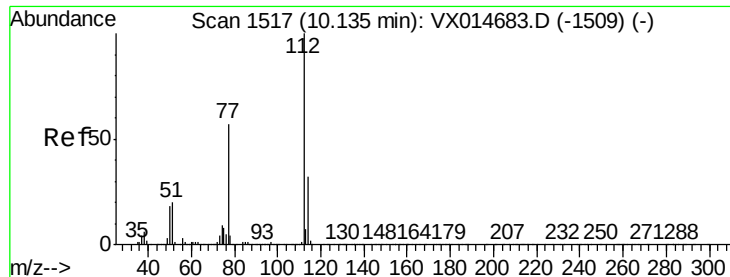
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.29 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

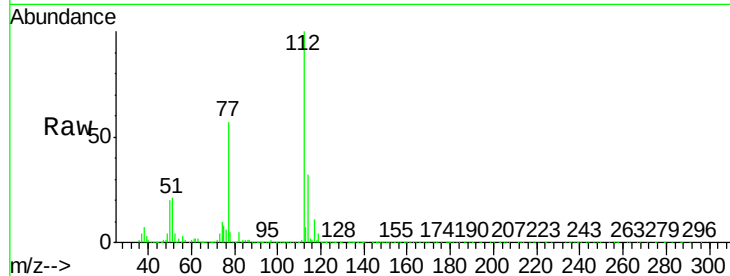
VX0131WBS02

Tgt Ion:112 Resp: 216309

Ion Ratio Lower Upper

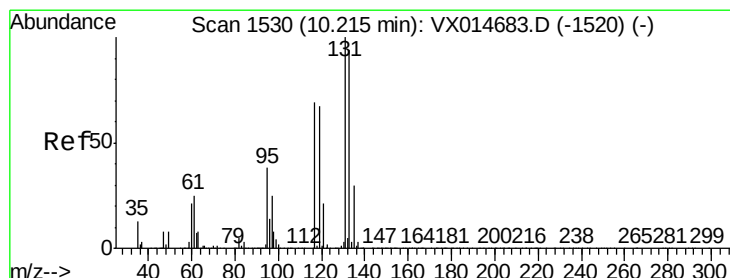
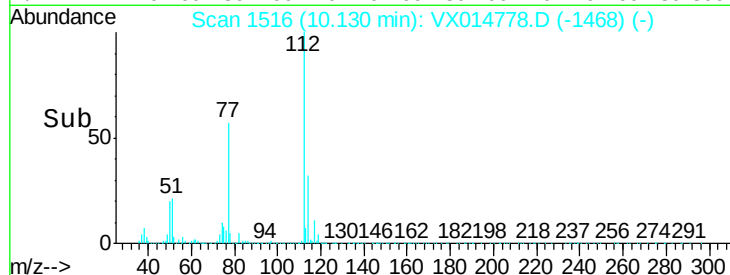
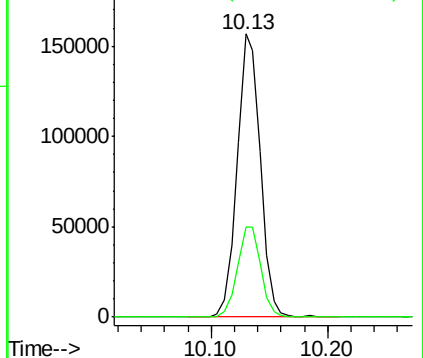
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.56 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

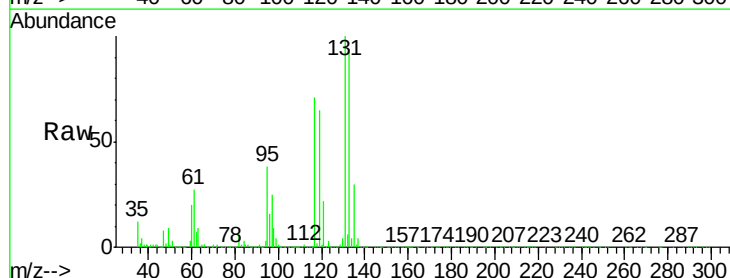
Tgt Ion:131 Resp: 80922

Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.3

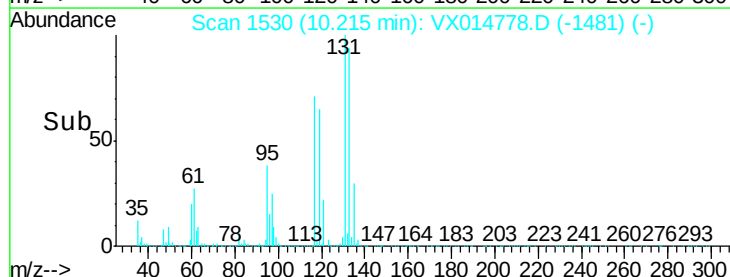
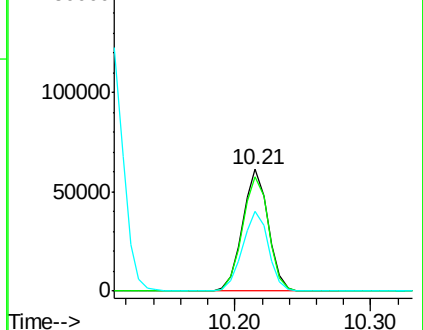
119 66.5 33.3 99.8

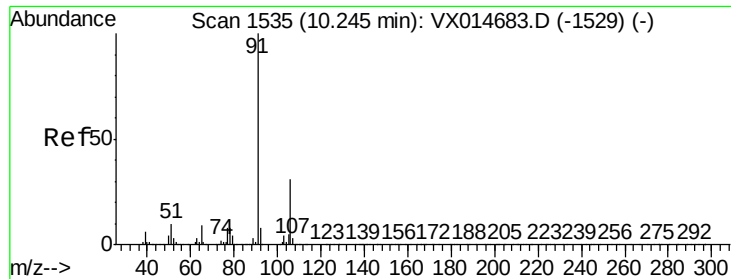


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.39 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

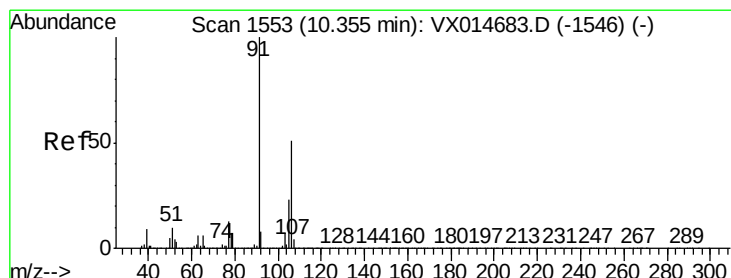
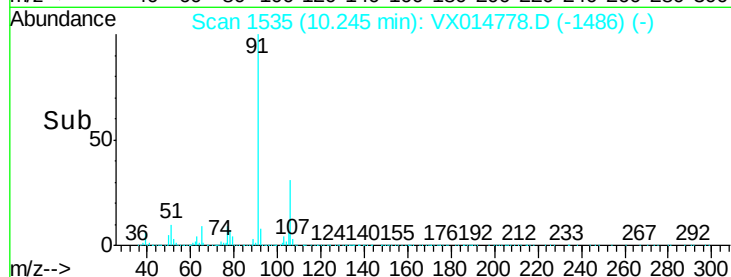
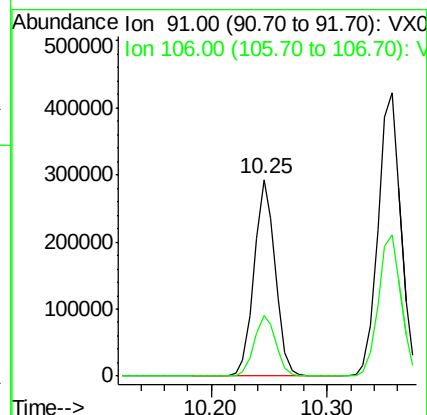
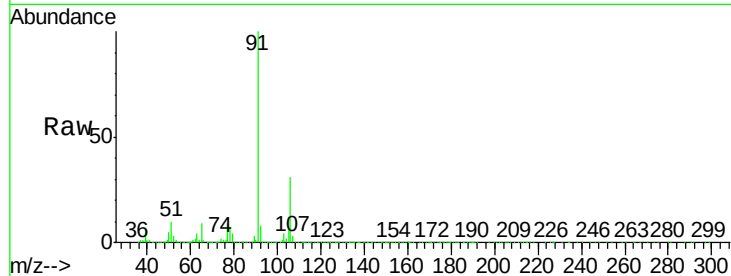
VX0131WBS02

Tgt Ion: 91 Resp: 371409

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 37.41 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014778.D

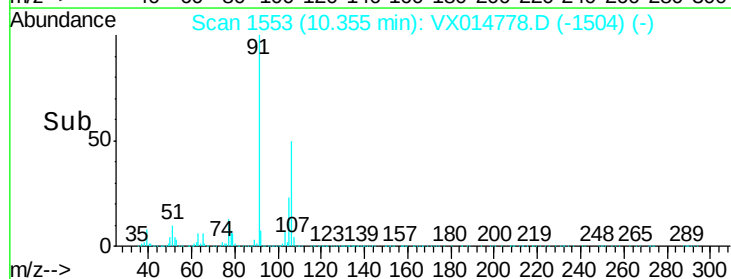
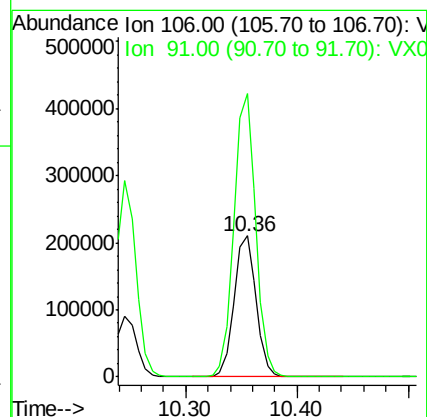
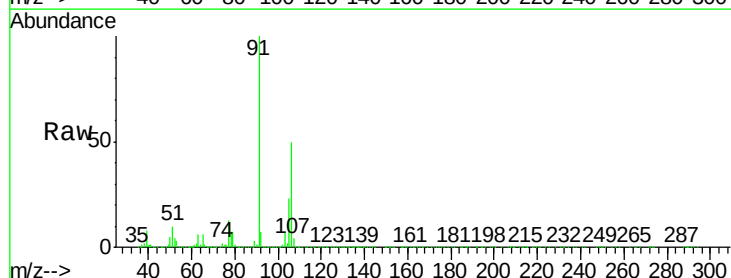
Acq: 31 Jan 2020 12:35

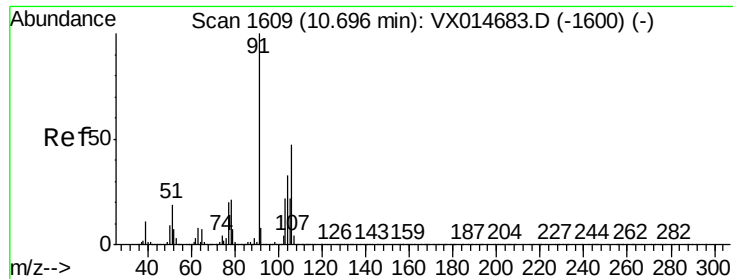
Tgt Ion: 106 Resp: 286158

Ion Ratio Lower Upper

106 100

91 198.7 159.4 239.2

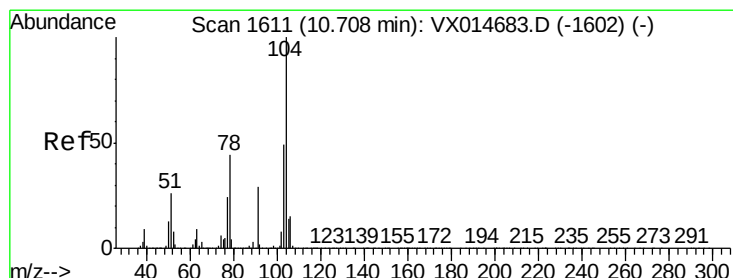
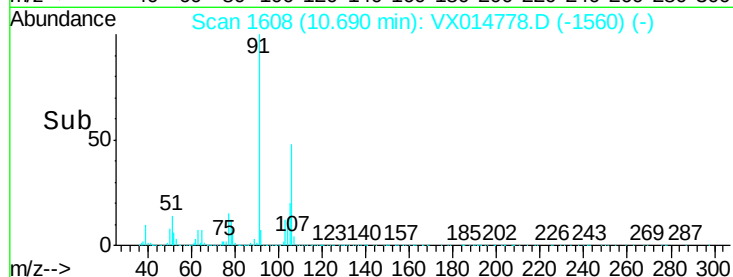
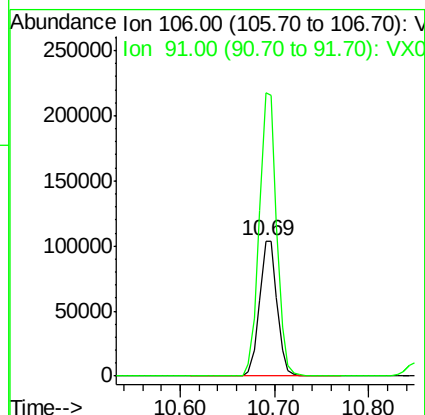
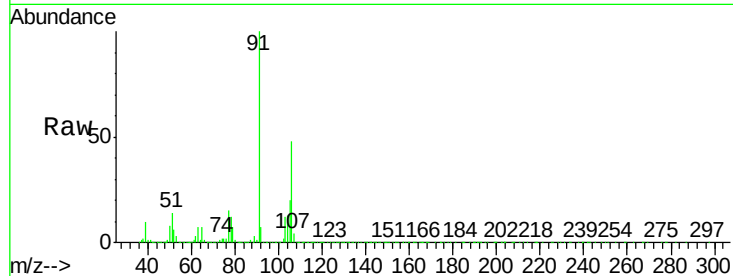




#69
o-Xylene
Concen: 18.81 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

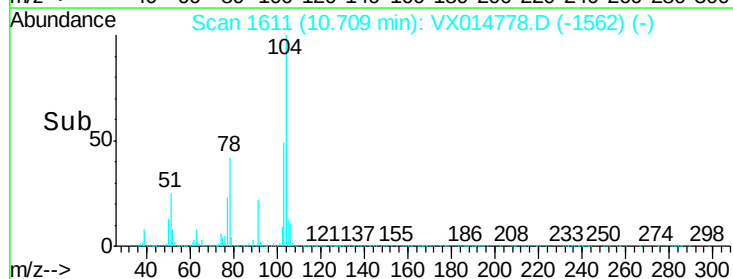
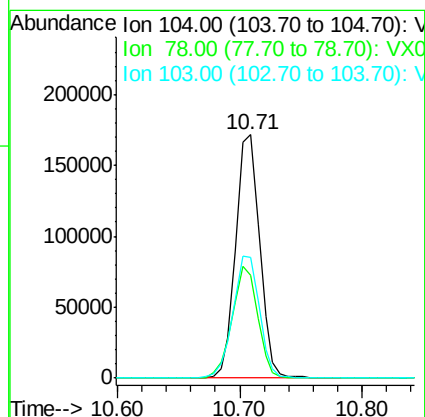
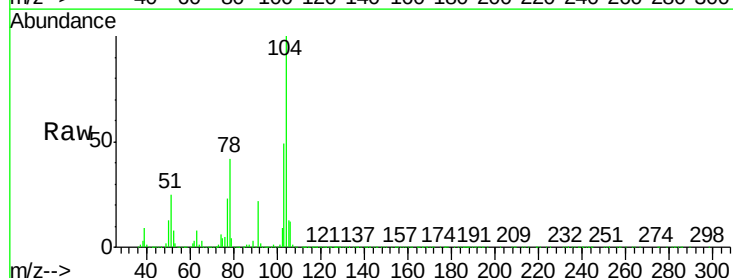
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

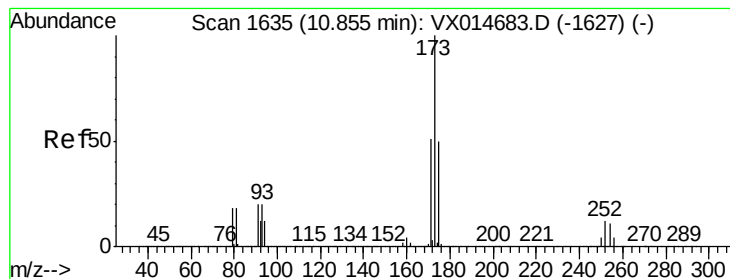
Tgt Ion:106 Resp: 138883
Ion Ratio Lower Upper
106 100
91 206.4 106.2 318.6



#70
Styrene
Concen: 18.78 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion:104 Resp: 232595
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 55.0 43.5 65.3





#71

Bromoform

Concen: 18.87 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

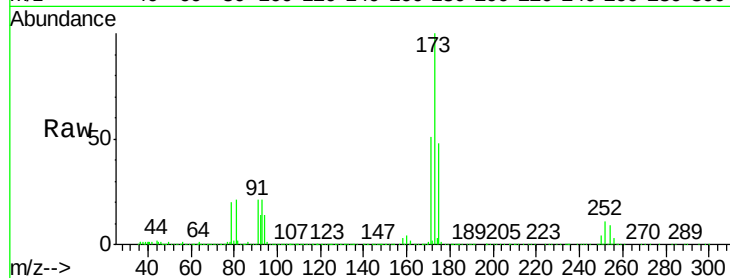
Tgt Ion:173 Resp: 65414

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.6

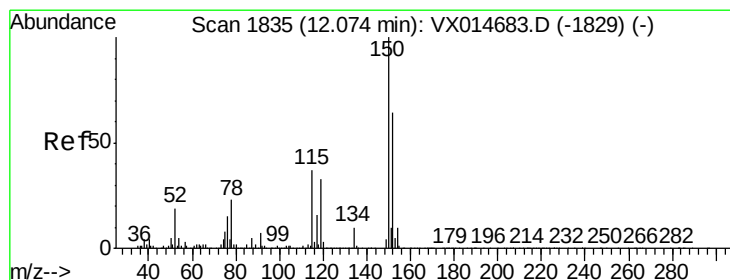
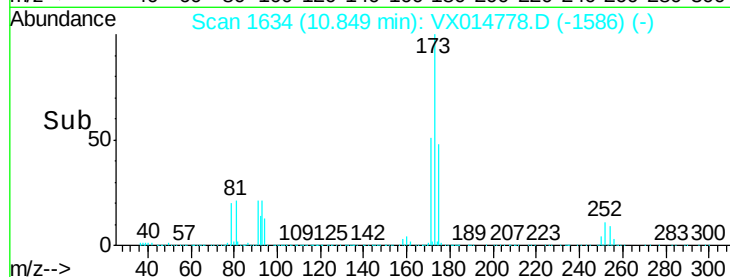
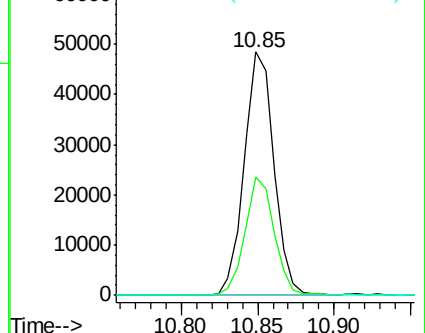
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

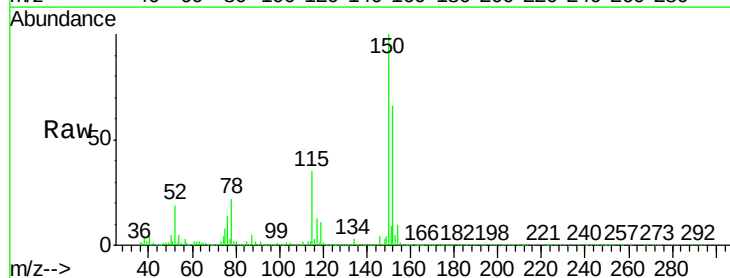
Tgt Ion:152 Resp: 276965

Ion Ratio Lower Upper

152 100

115 63.6 39.4 118.1

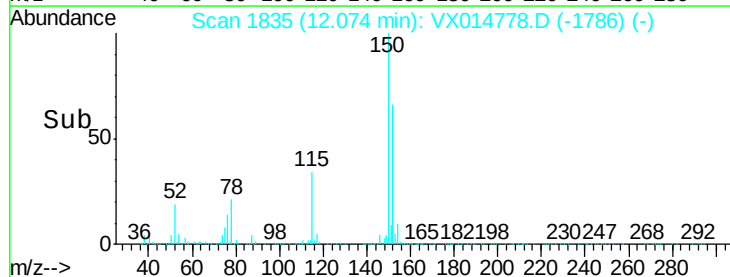
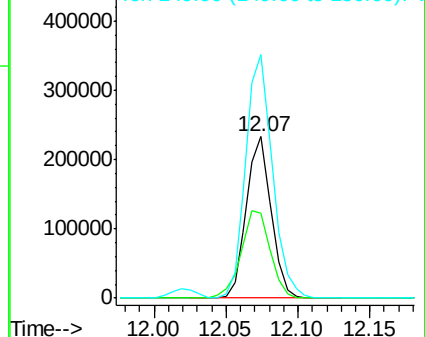
150 162.7 0.0 351.2

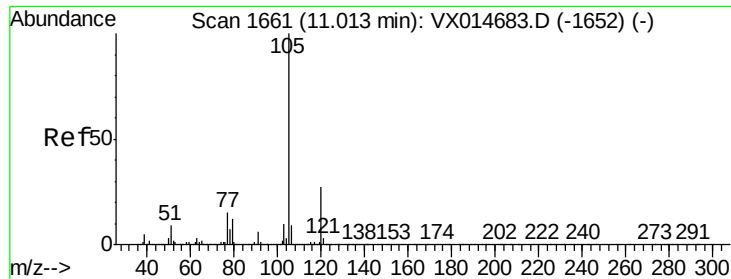


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

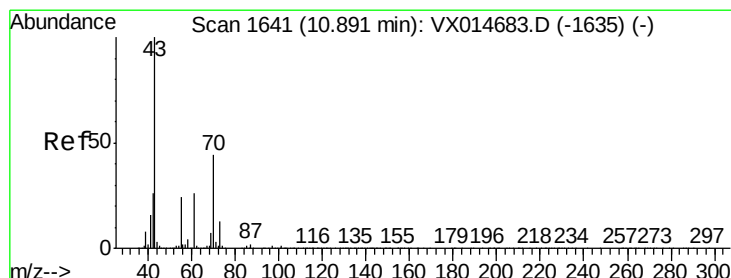
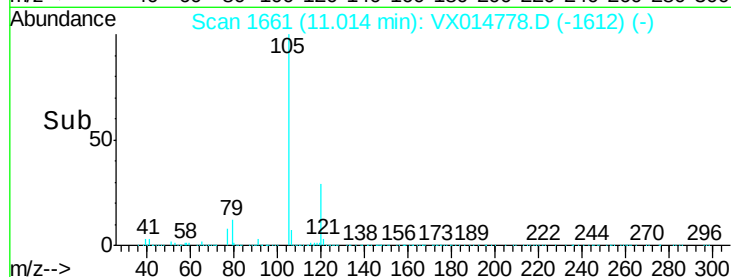
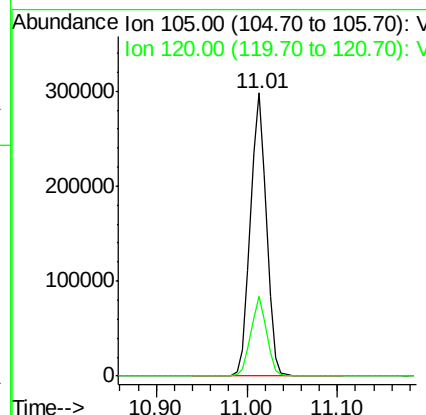
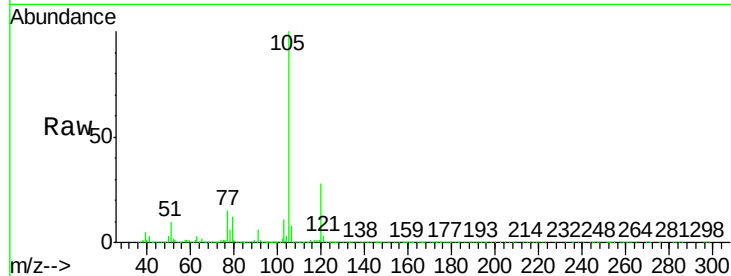




#73
Isopropylbenzene
Concen: 18.78 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

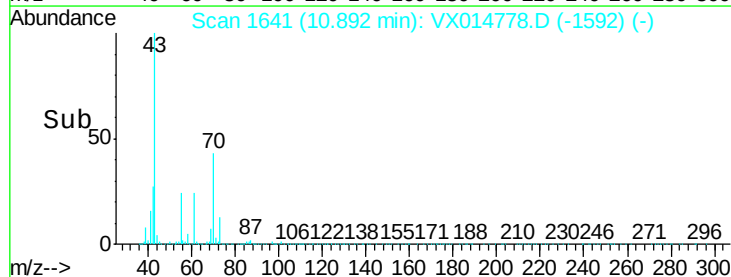
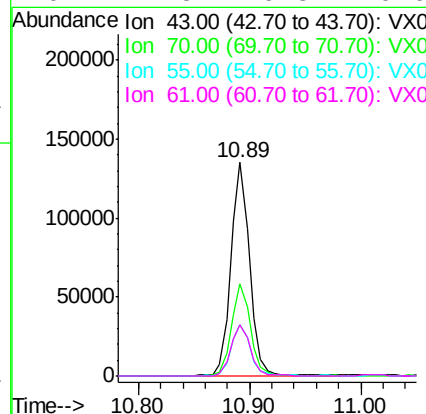
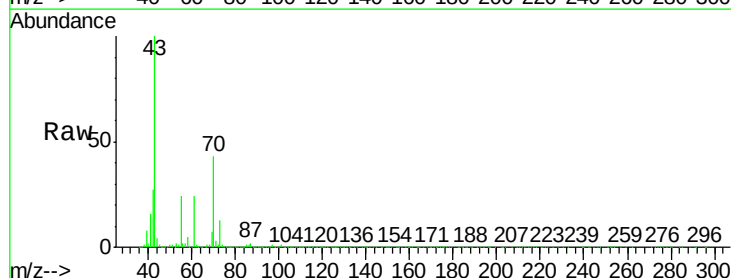
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

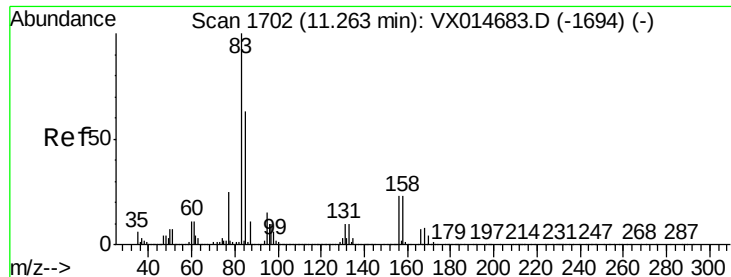
Tgt Ion: 105 Resp: 365806
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.5



#74
N-ethyl acetate
Concen: 18.54 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 43 Resp: 158198
Ion Ratio Lower Upper
43 100
70 43.1 34.6 52.0
55 24.1 19.4 29.2
61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.96 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

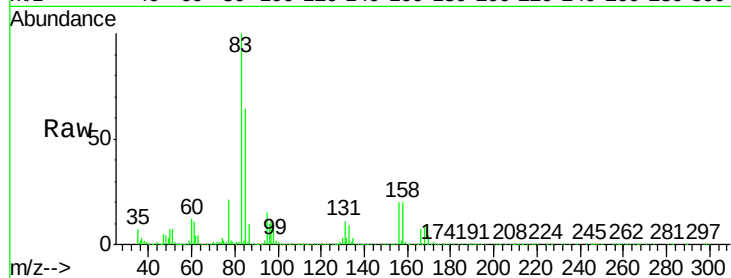
Tgt Ion: 83 Resp: 124899

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

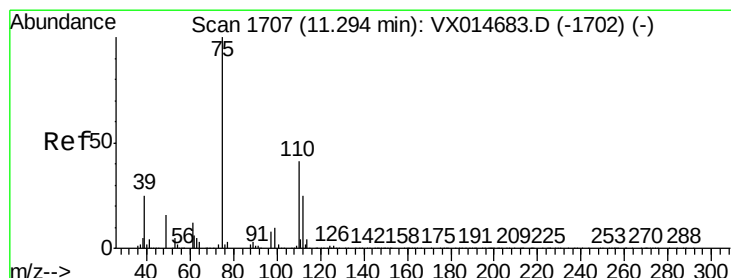
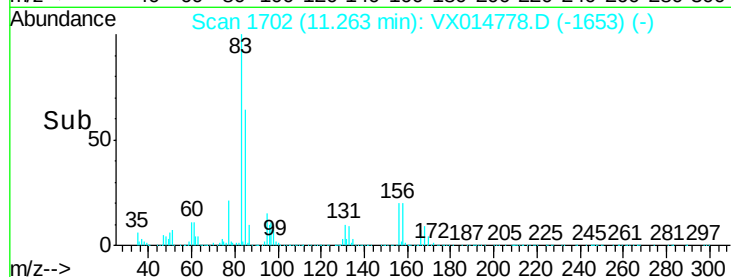
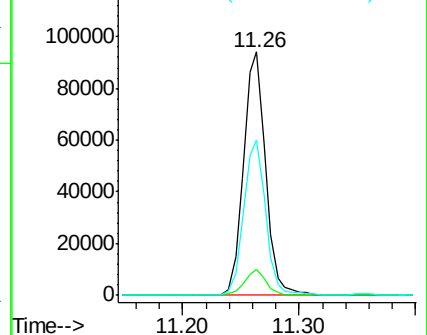
85 63.1 31.7 95.1



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: 21.76 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014778.D

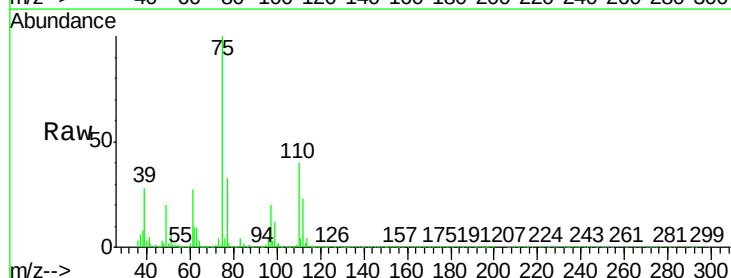
Acq: 31 Jan 2020 12:35

Tgt Ion: 75 Resp: 140228

Ion Ratio Lower Upper

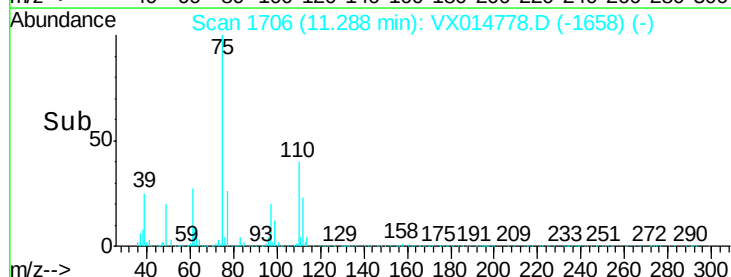
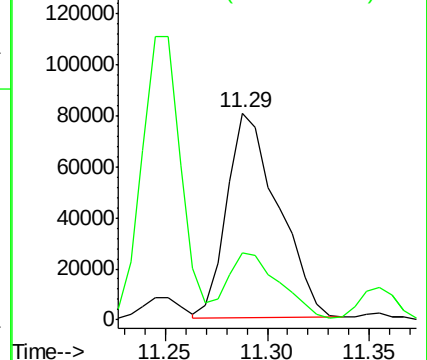
75 100

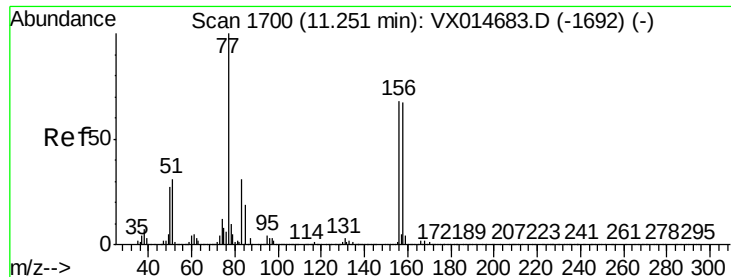
77 33.6 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.05 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS02

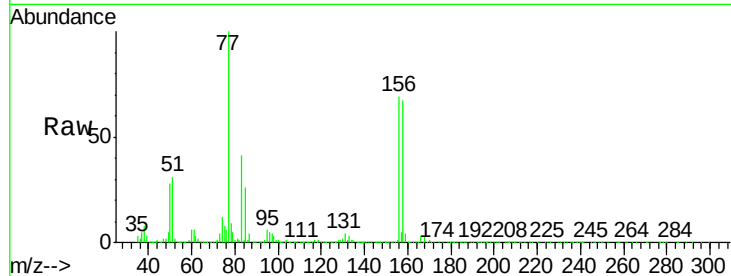
Tgt Ion:156 Resp: 99672

Ion Ratio Lower Upper

156 100

77 147.6 77.5 232.5

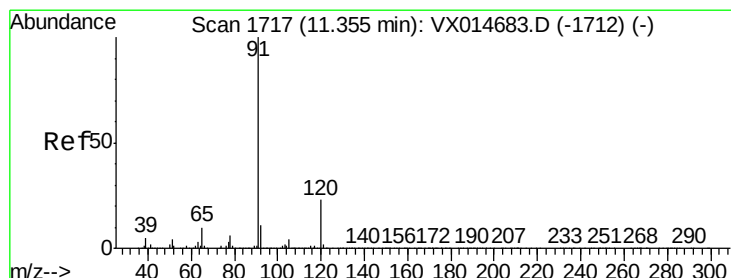
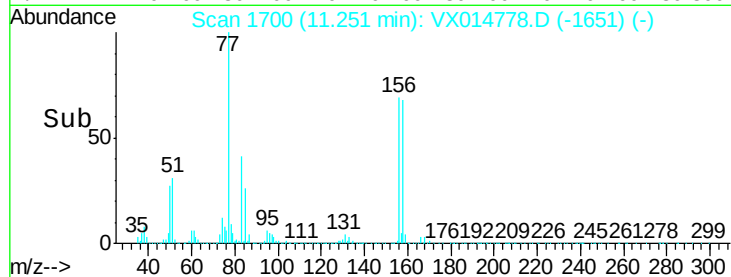
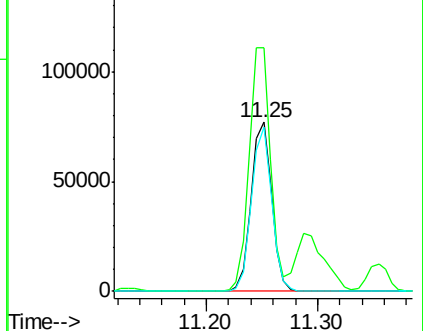
158 95.3 49.1 147.3



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: 18.81 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014778.D

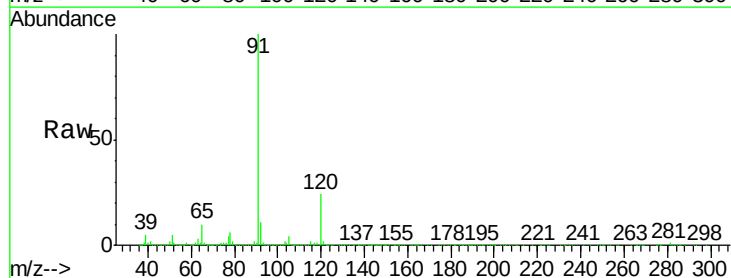
Acq: 31 Jan 2020 12:35

Tgt Ion: 91 Resp: 415906

Ion Ratio Lower Upper

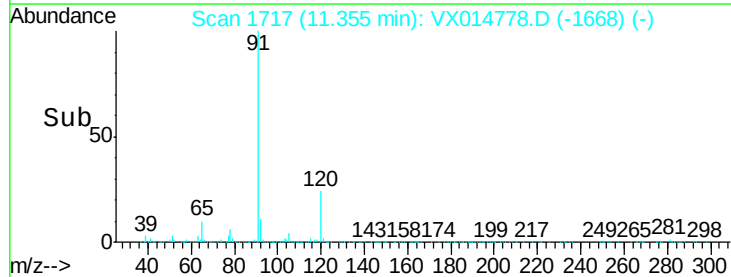
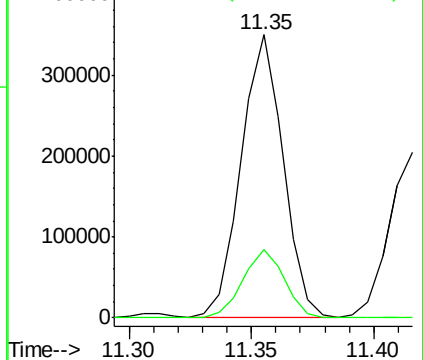
91 100

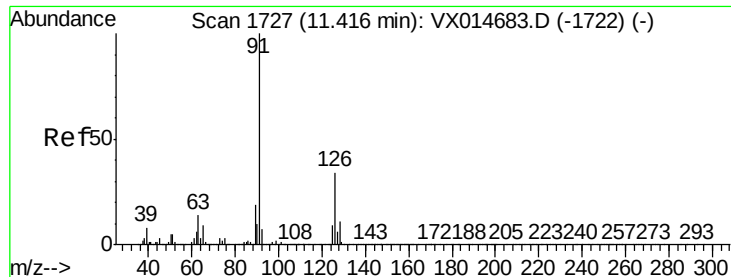
120 24.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

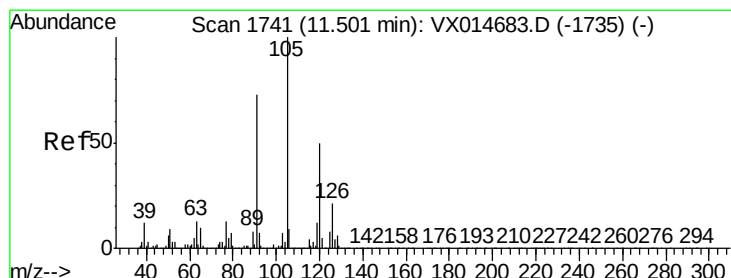
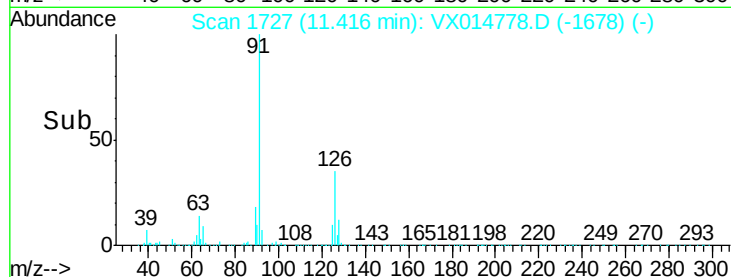
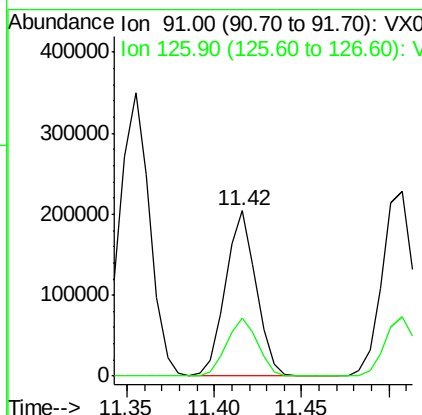
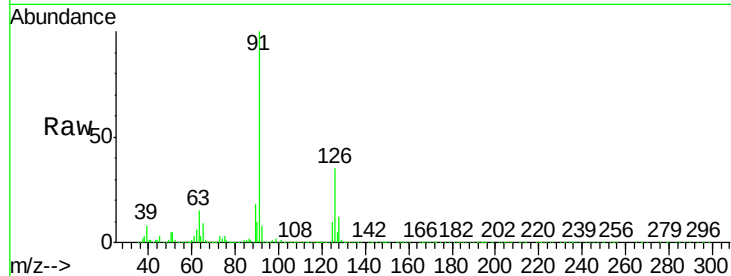




#79
 2-Chlorotoluene
 Concen: 18.51 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

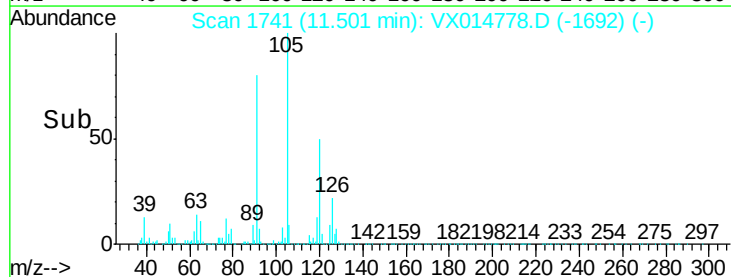
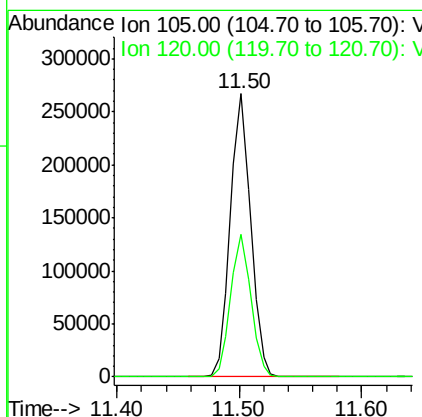
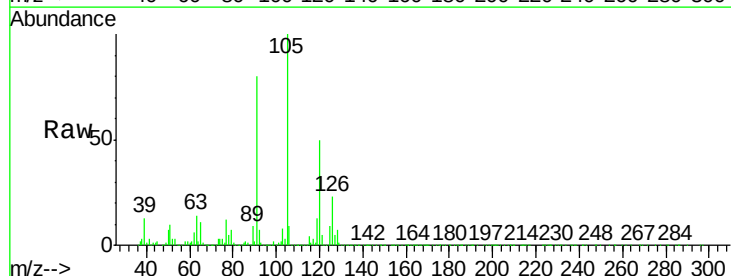
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

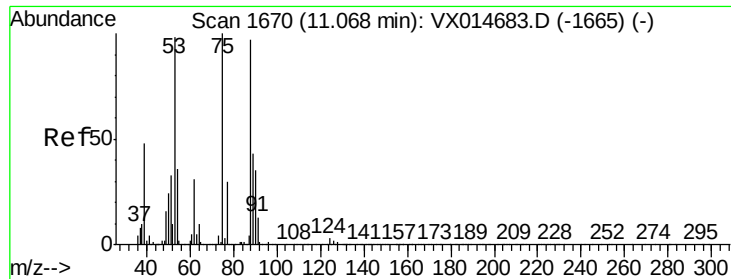
Tgt Ion: 91 Resp: 247534
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.98 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion: 105 Resp: 306717
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6

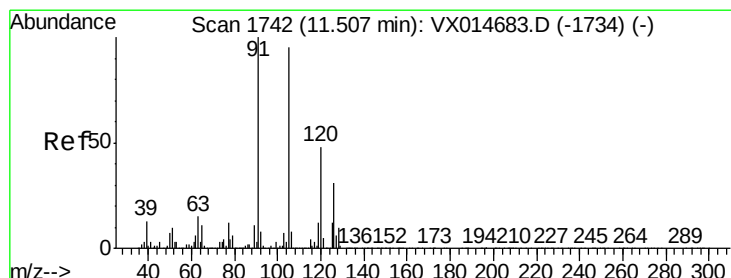
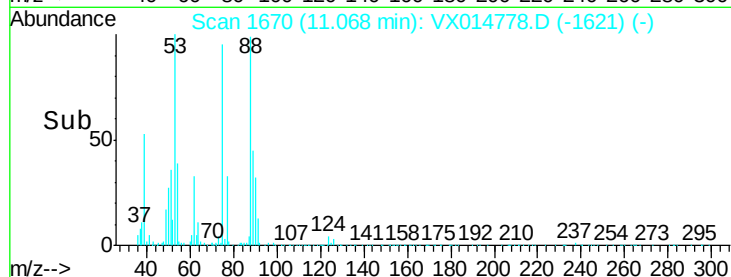
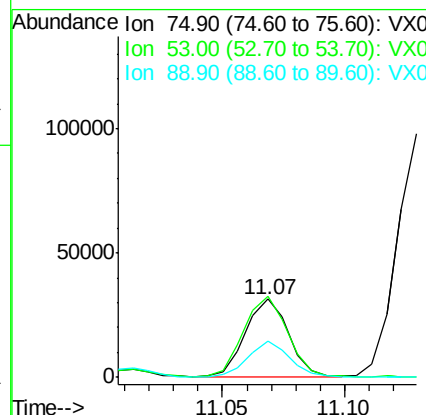
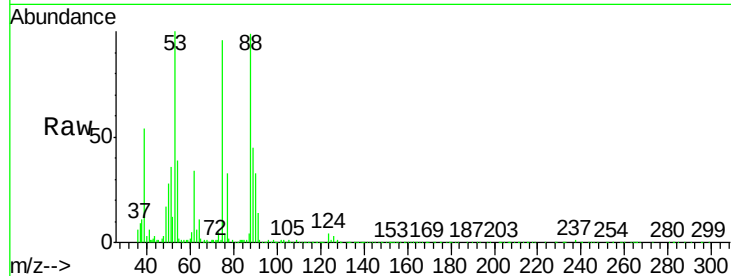




#81
trans-1,4-Dichloro-2-butene
Concen: 17.00 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

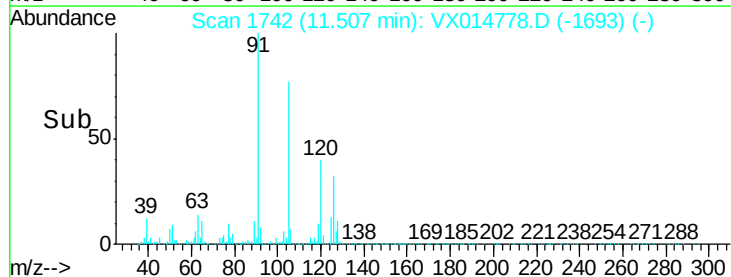
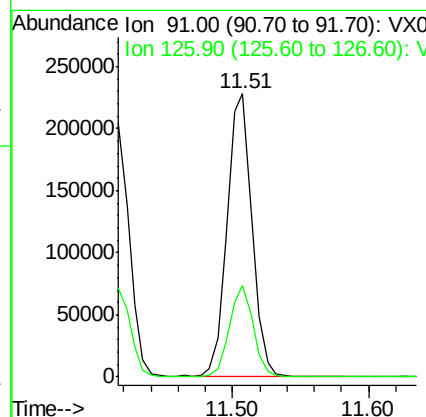
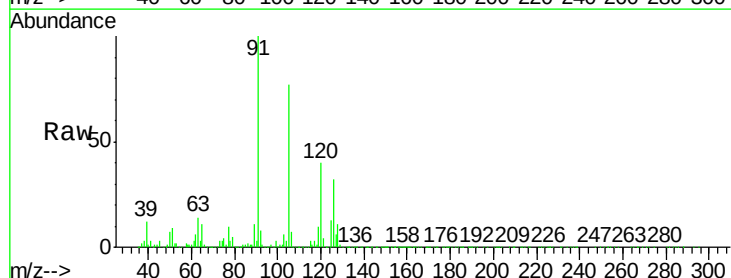
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

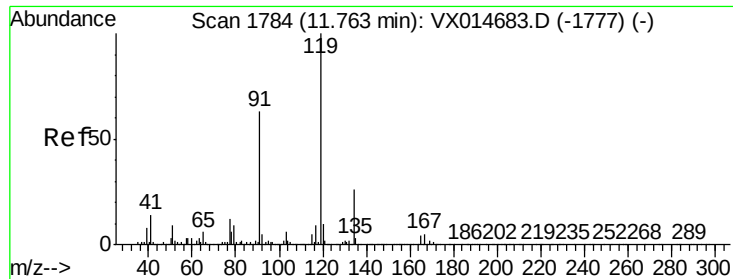
Tgt Ion: 75 Resp: 38495
Ion Ratio Lower Upper
75 100
53 104.9 78.8 118.2
89 45.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.85 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 91 Resp: 286992
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4

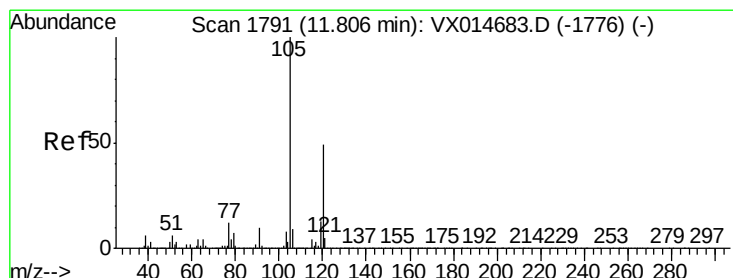
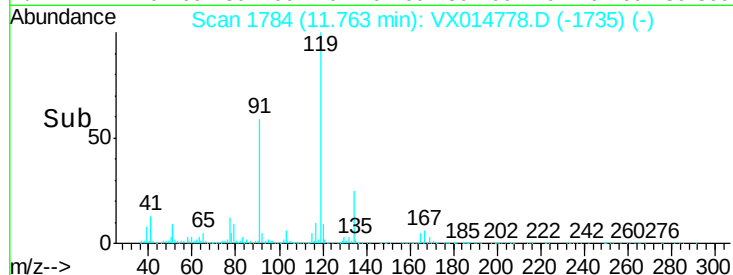
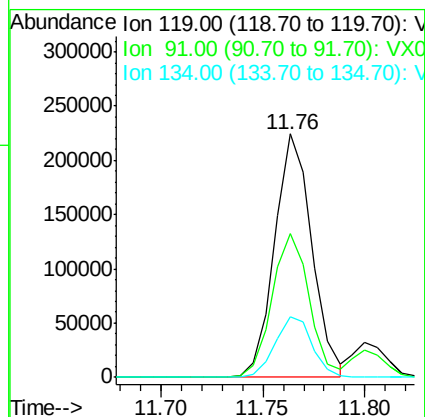
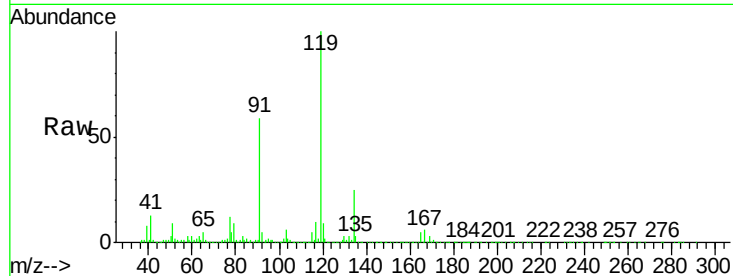




#83
 tert-Butylbenzene
 Concen: 18.87 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

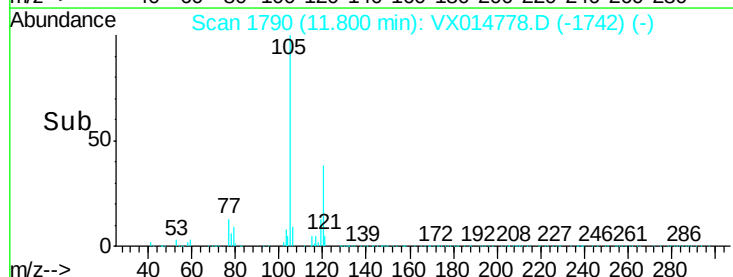
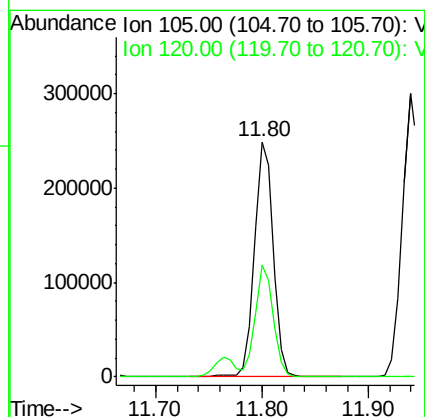
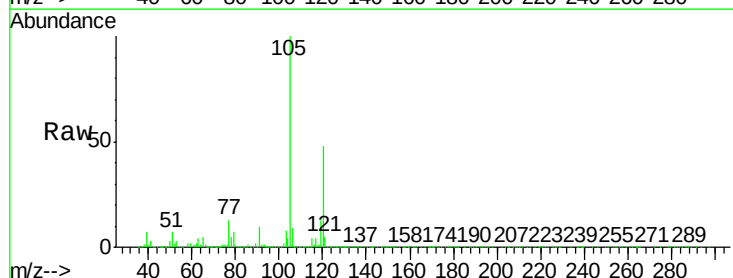
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

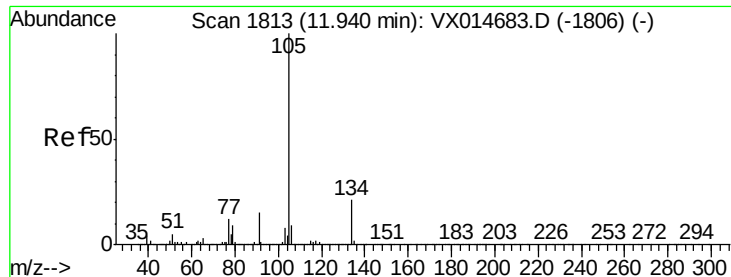
Tgt Ion:119 Resp: 286572
 Ion Ratio Lower Upper
 119 100
 91 58.8 30.0 90.0
 134 24.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.05 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion:105 Resp: 308790
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.4 70.0

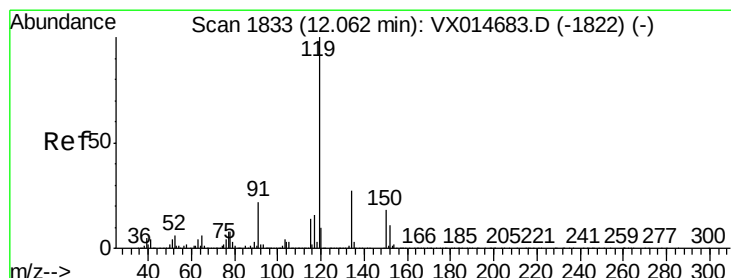
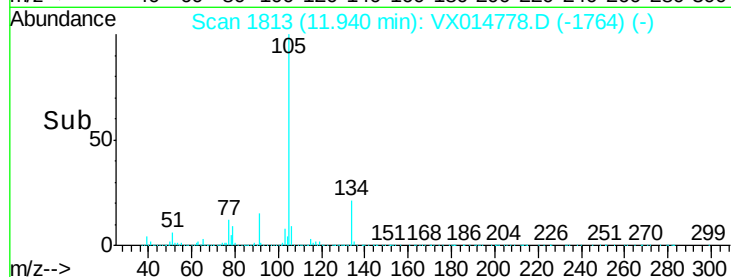
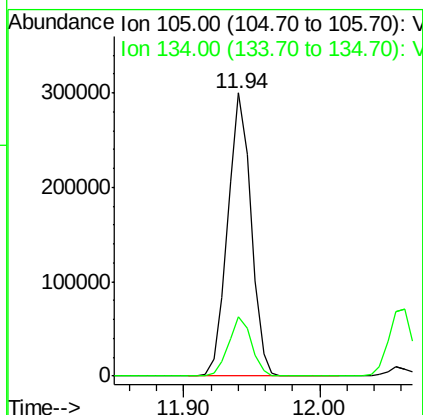
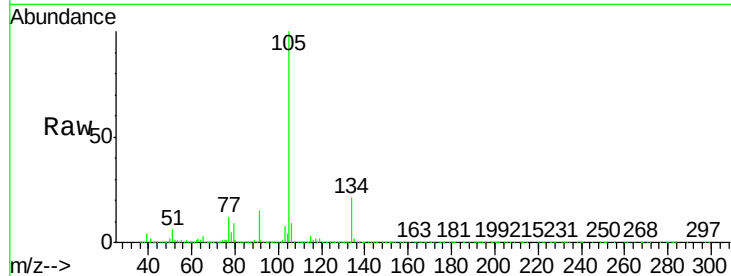




#85
 sec-Butylbenzene
 Concen: 19.18 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

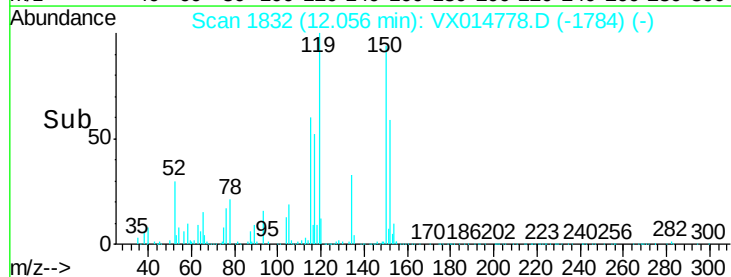
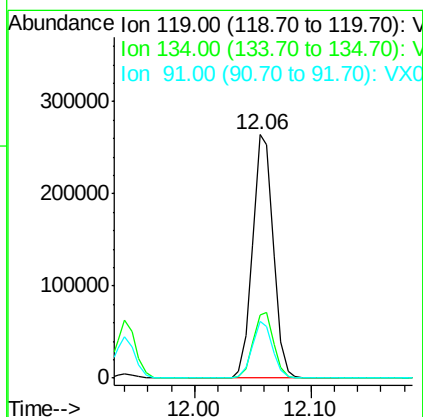
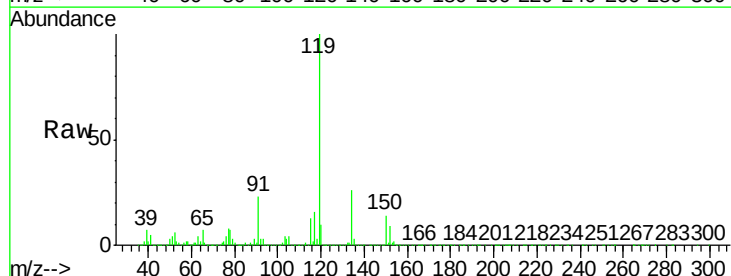
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

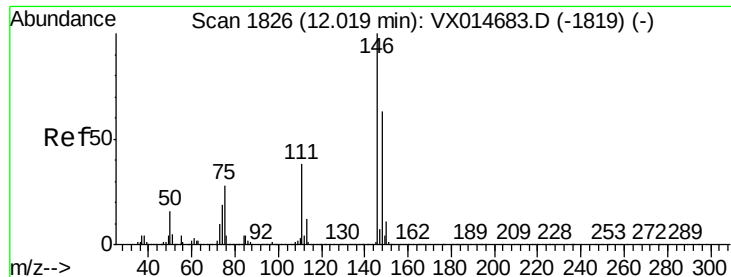
Tgt Ion:105 Resp: 356830
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.16 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion:119 Resp: 329407
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.7 11.3 33.8

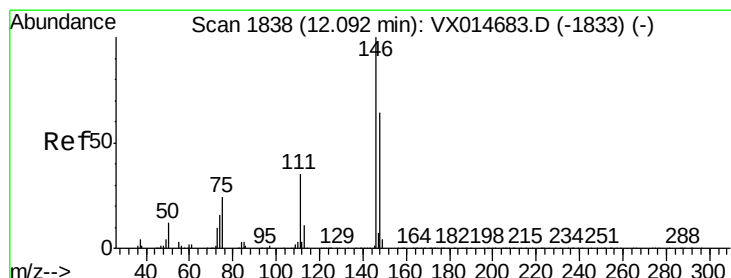
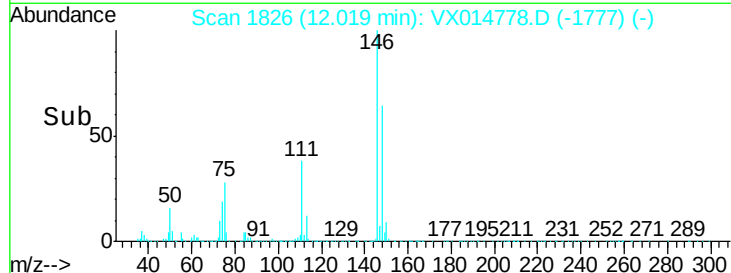
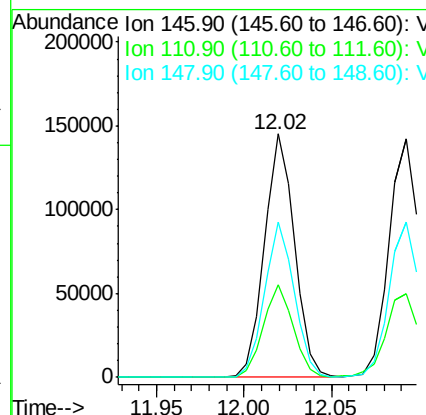
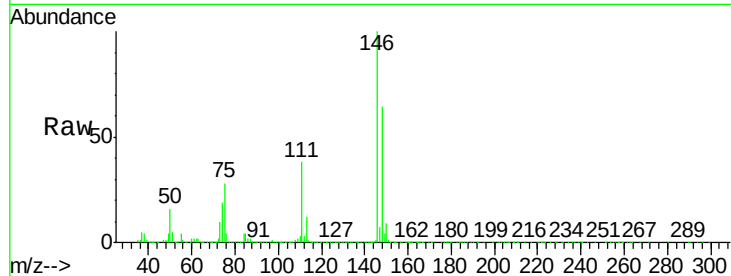




#87
 1,3-Dichlorobenzene
 Concen: 18.46 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

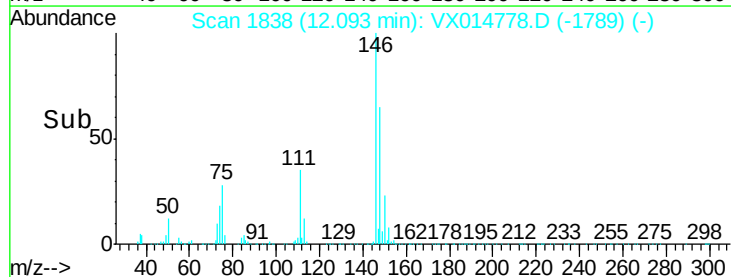
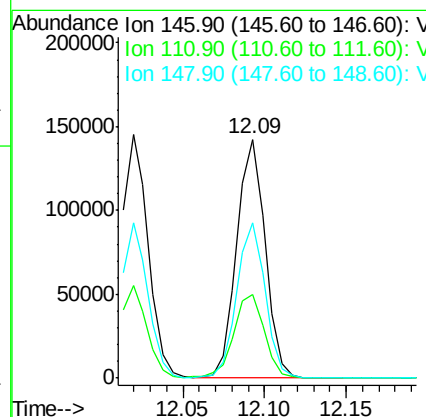
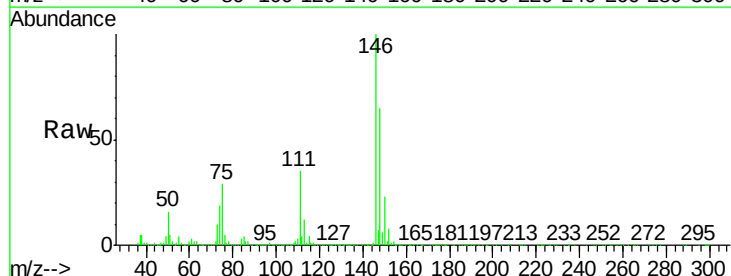
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

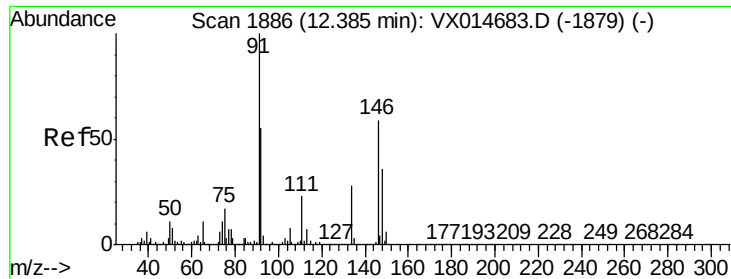
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	63.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.39 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.7	32.0	96.2

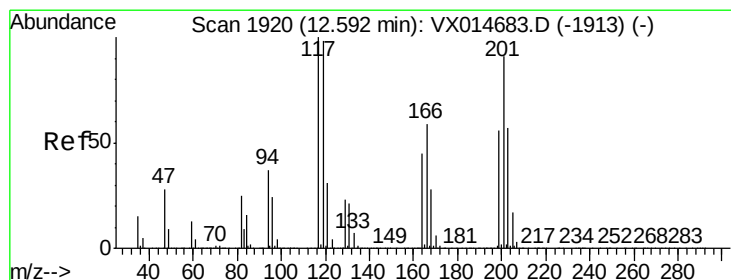
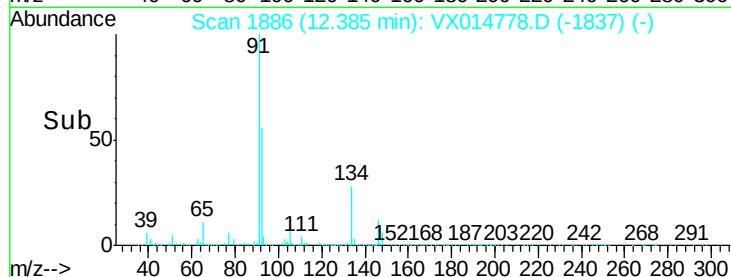
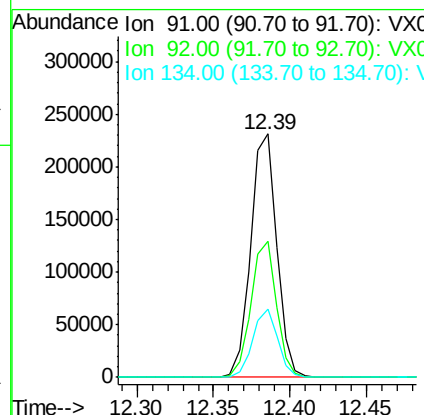
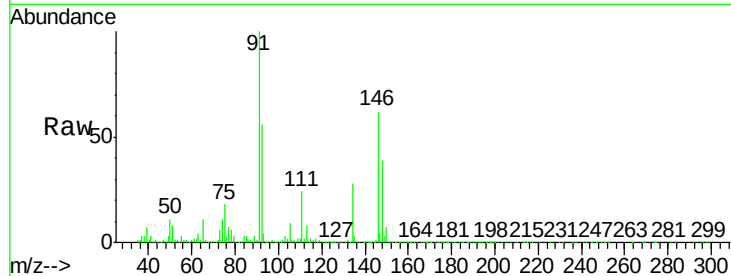




#89
n-Butylbenzene
Concen: 18.18 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

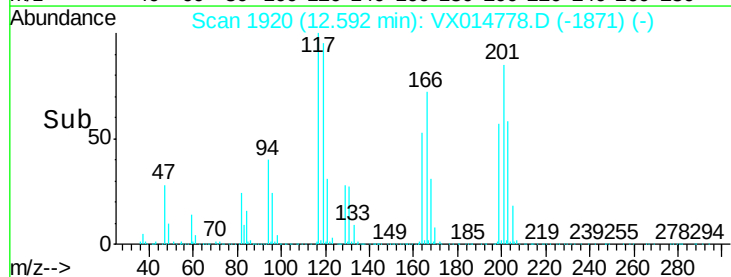
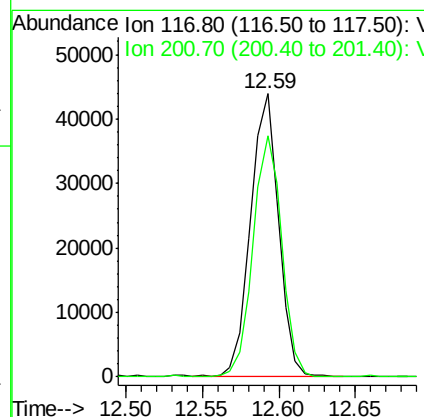
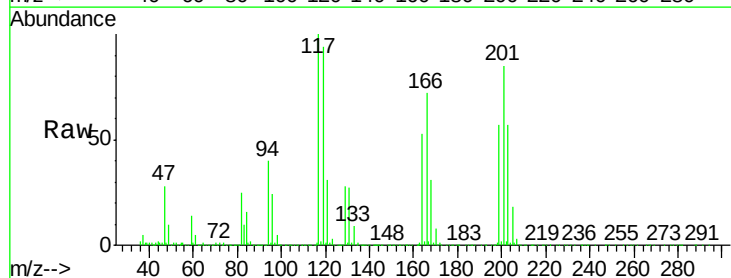
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS02

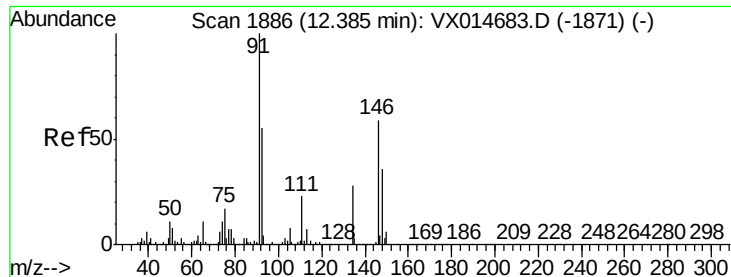
Tgt Ion: 91 Resp: 272302
Ion Ratio Lower Upper
91 100
92 55.0 27.6 82.7
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 17.40 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014778.D
Acq: 31 Jan 2020 12:35

Tgt Ion: 117 Resp: 55562
Ion Ratio Lower Upper
117 100
201 87.8 44.4 133.1

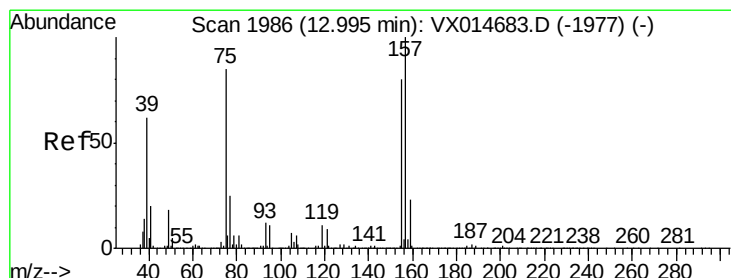
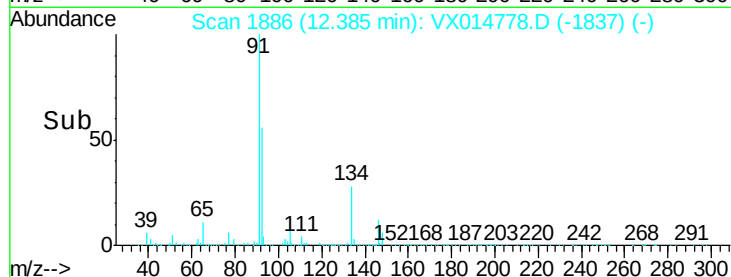
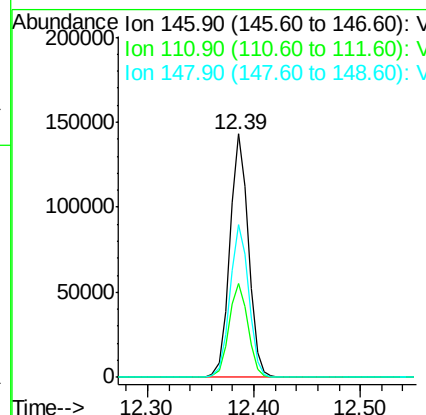
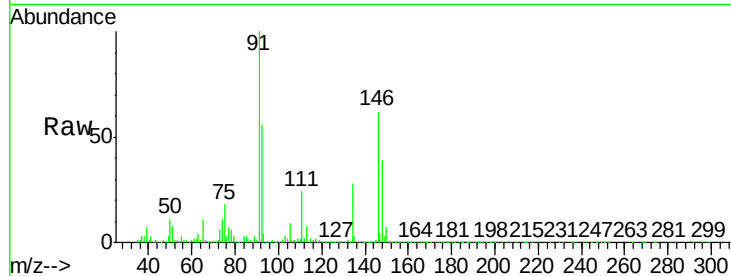




#91
 1,2-Dichlorobenzene
 Concen: 18.69 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

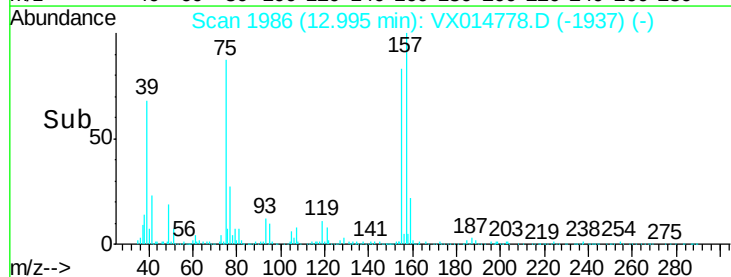
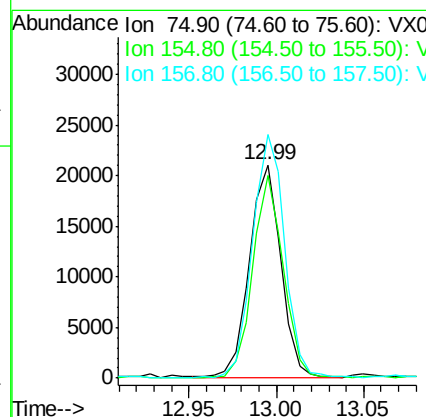
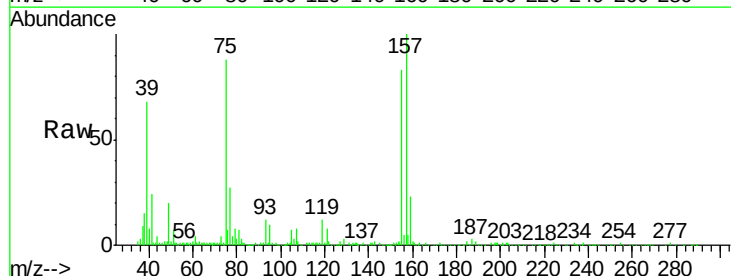
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

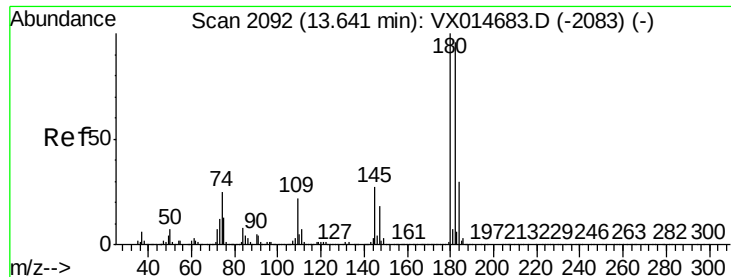
Tgt Ion: 146 Resp: 174491
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.52 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion: 75 Resp: 26173
 Ion Ratio Lower Upper
 75 100
 155 93.0 45.6 136.9
 157 117.9 60.3 180.9

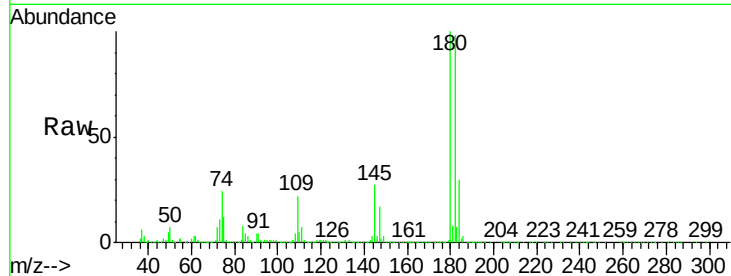




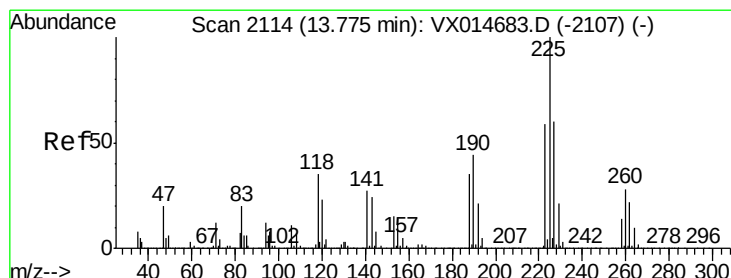
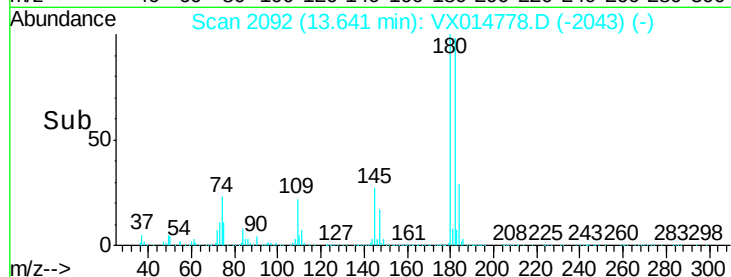
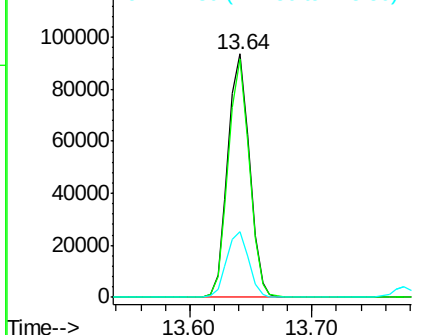
#93
 1,2,4-Trichlorobenzene
 Concen: 19.01 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS02

Tgt Ion:180 Resp: 114429
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.5 145.6
 145 27.4 14.0 41.9

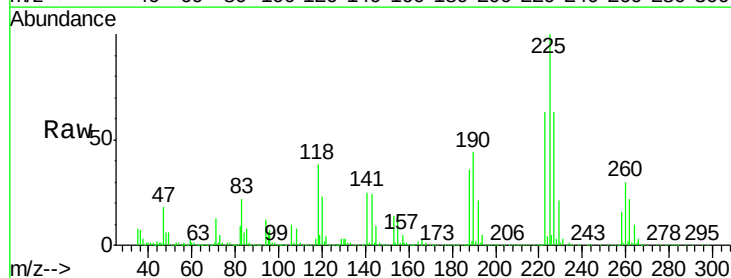


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

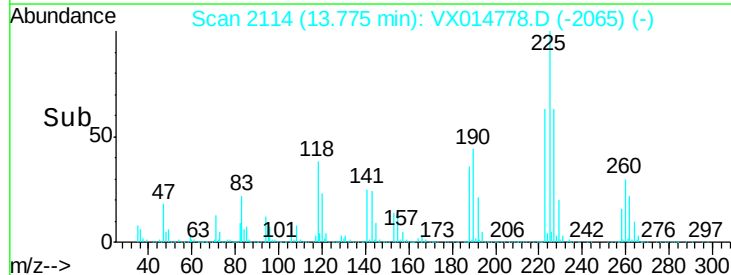
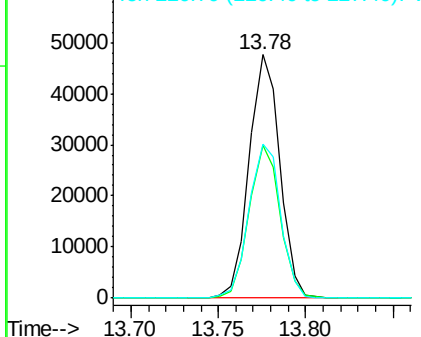


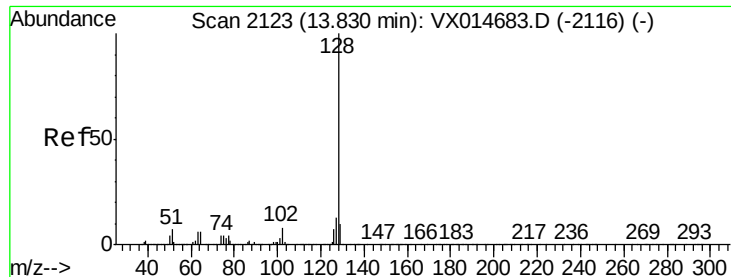
#94
 Hexachlorobutadiene
 Concen: 18.74 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014778.D
 Acq: 31 Jan 2020 12:35

Tgt Ion:225 Resp: 58062
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.6 91.8
 227 65.6 31.4 94.0



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





#95

Naphthalene

Concen: 17.56 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS02

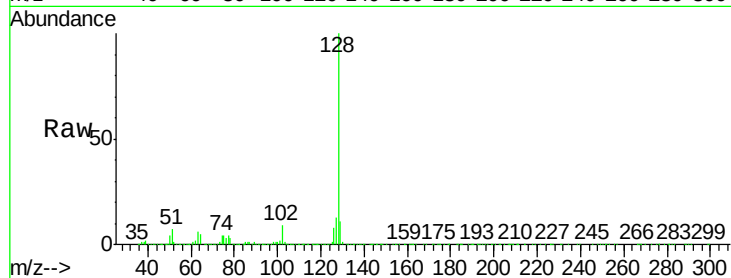
Tgt Ion:128 Resp: 328930

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

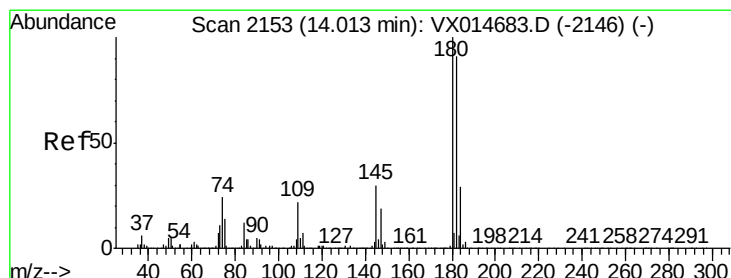
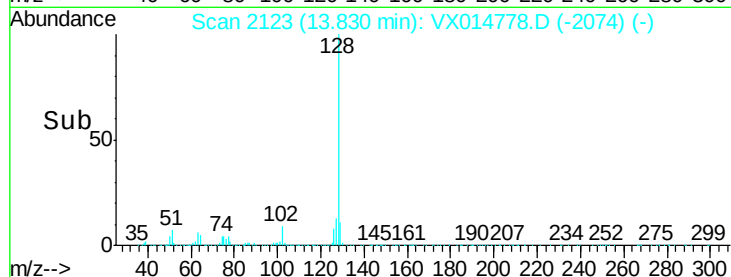
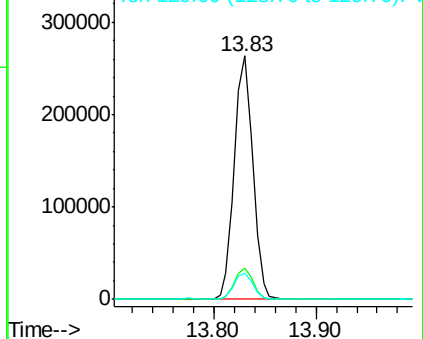
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.03 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

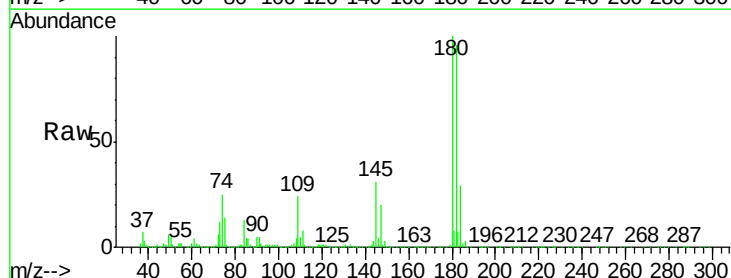
Tgt Ion:180 Resp: 115822

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.7

145 30.0 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

