

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX013120\
 Data File : VX014779.D
 Acq On : 31 Jan 2020 13:08
 Operator : JC/SP
 Sample : VX0131WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Quant Time: Jan 31 15:37:00 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	458629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	609059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	253399	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.48	113	210119	49.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	807388	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	283633	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	108544	17.98	ug/l	99
3) Chloromethane	1.32	50	107084	17.26	ug/l	98
4) Vinyl Chloride	1.40	62	121993	18.18	ug/l	99
5) Bromomethane	1.63	94	71868	15.77	ug/l	98
6) Chloroethane	1.72	64	70408	17.44	ug/l	98
7) Trichlorofluoromethane	1.92	101	142690	18.27	ug/l	100
8) Diethyl Ether	2.18	74	61223	17.96	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87678	19.12	ug/l	99
10) Methyl Iodide	2.50	142	107831	17.92	ug/l	99
11) Tert butyl alcohol	3.02	59	92795	77.17	ug/l	96
12) 1,1-Dichloroethene	2.37	96	80835	17.73	ug/l	95
13) Acrolein	2.28	56	58276	61.47	ug/l	96
14) Allyl chloride	2.72	41	147155	17.96	ug/l	98
15) Acrylonitrile	3.12	53	237782	85.47	ug/l	100
16) Acetone	2.43	43	255586	87.17	ug/l	99
17) Carbon Disulfide	2.56	76	205744	16.51	ug/l	100
18) Methyl Acetate	2.76	43	145983	17.42	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	272400	18.24	ug/l	98
20) Methylene Chloride	2.85	84	96065	17.69	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	87562	17.44	ug/l	96
22) Diisopropyl ether	3.84	45	304295	18.66	ug/l	93
23) Vinyl Acetate	3.80	43	1149224	92.47	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162159	18.31	ug/l	98
25) 2-Butanone	4.65	43	347303	82.58	ug/l	99
26) 2,2-Dichloropropane	4.57	77	135427	19.11	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	100873	17.95	ug/l	98
28) Bromochloromethane	5.00	49	64458	16.57	ug/l	99
29) Tetrahydrofuran	5.11	42	207206	83.01	ug/l	98
30) Chloroform	5.20	83	159650	18.20	ug/l	94
31) Cyclohexane	5.57	56	148402	17.82	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	137299	18.52	ug/l	97
36) 1,1-Dichloropropene	5.79	75	119868	19.21	ug/l	100
37) Ethyl Acetate	4.81	43	128351	17.96	ug/l	99
38) Carbon Tetrachloride	5.77	117	115652	19.41	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150105	19.20	ug/l	98
40) Benzene	6.13	78	361457	18.75	ug/l	99
41) Methacrylonitrile	5.02	41	70484	17.12	ug/l	96
42) 1,2-Dichloroethane	6.18	62	129954	19.52	ug/l	98
43) Isopropyl Acetate	6.43	43	209415	17.89	ug/l	100
44) Trichloroethene	7.20	130	100074	18.37	ug/l	90
45) 1,2-Dichloropropane	7.50	63	96363	19.40	ug/l	99
46) Dibromomethane	7.65	93	61013	18.97	ug/l	96
47) Bromodichloromethane	7.89	83	121713	19.29	ug/l	98
48) Methyl methacrylate	7.76	41	101586	18.17	ug/l	96
49) 1,4-Dioxane	7.73	88	41673	351.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	660528	89.42	ug/l	100
52) Toluene	8.78	92	227967	19.23	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	131555	19.36	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148665	19.89	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95988	19.78	ug/l	97
56) Ethyl methacrylate	9.17	69	139982	18.19	ug/l	100
57) 1,3-Dichloropropane	9.36	76	157143	18.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	239139	97.99	ug/l	100
59) 2-Hexanone	9.48	43	501590	87.50	ug/l	99
60) Dibromochloromethane	9.57	129	97891	19.33	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96483	18.81	ug/l	99
64) Tetrachloroethene	9.33	164	107652	17.86	ug/l	97
65) Chlorobenzene	10.14	112	245509	18.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	92246	19.20	ug/l	99
67) Ethyl Benzene	10.25	91	431093	19.38	ug/l	100
68) m/p-Xylenes	10.36	106	331527	39.34	ug/l	98
69) o-Xylene	10.70	106	155601	19.13	ug/l	100
70) Styrene	10.71	104	271276	19.88	ug/l	99
71) Bromoform	10.85	173	71314	18.67	ug/l #	99
73) Isopropylbenzene	11.01	105	430587	19.81	ug/l	100
74) N-amyl acetate	10.89	43	174736	18.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137770	17.75	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154178	21.44	ug/l	91
77) Bromobenzene	11.25	156	112065	19.19	ug/l	97
78) n-propylbenzene	11.35	91	484023	19.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	286842	19.21	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	358829	19.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42496	16.81	ug/l	94
82) 4-Chlorotoluene	11.51	91	335572	19.75	ug/l	99
83) tert-Butylbenzene	11.76	119	337953	19.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	358037	19.79	ug/l	99
85) sec-Butylbenzene	11.94	105	412249	19.85	ug/l	99
86) p-Isopropyltoluene	12.06	119	379985	19.80	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201322	19.18	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199462	18.97	ug/l	99
89) n-Butylbenzene	12.38	91	323920	19.38	ug/l	99
90) Hexachloroethane	12.59	117	66859	18.76	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197734	18.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28747	17.24	ug/l	96

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Response via : Initial Calibration

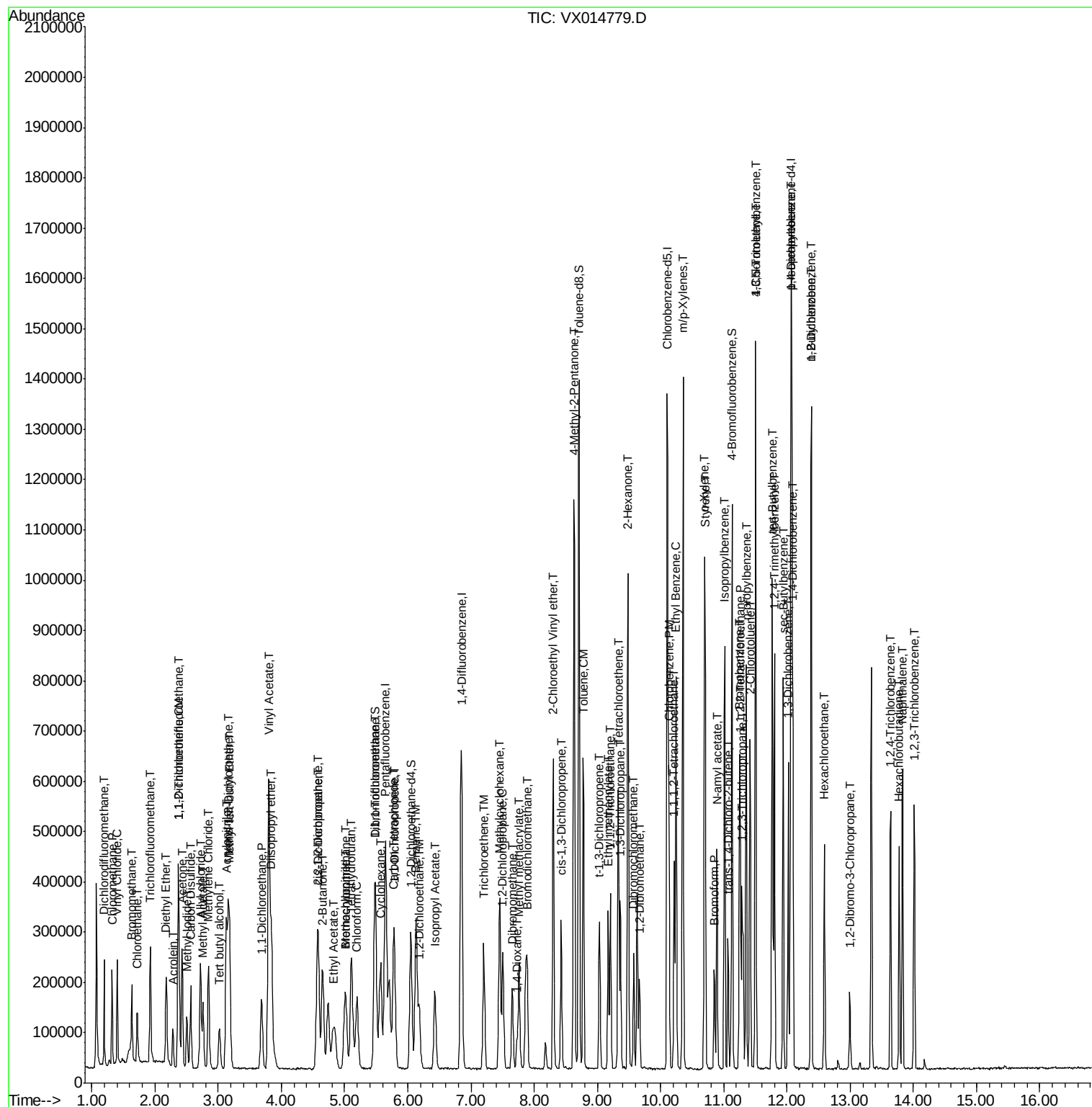
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131356	19.55	ug/l	99
94) Hexachlorobutadiene	13.78	225	68813	19.90	ug/l	98
95) Naphthalene	13.83	128	368814	17.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133950	19.71	ug/l	99

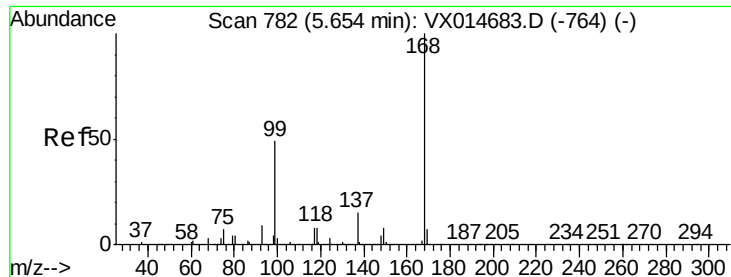
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

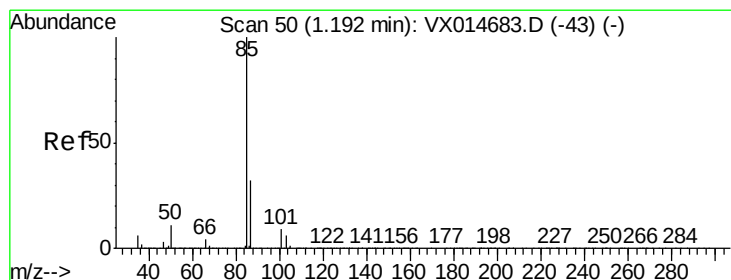
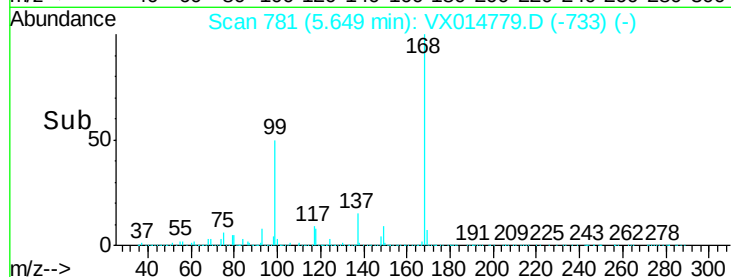
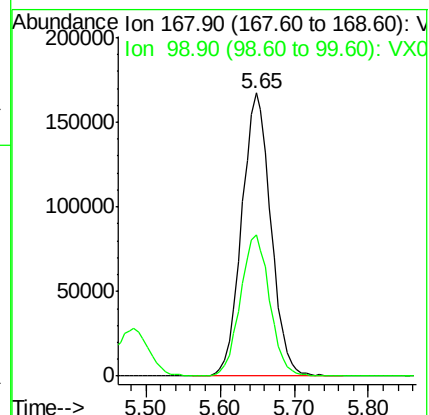
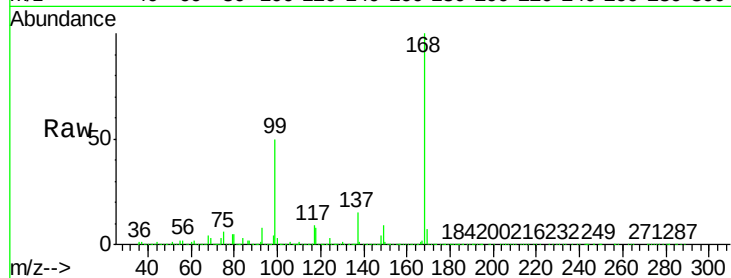
VX0131WBSD02

Tgt Ion:168 Resp: 458629

Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.6



#2

Dichlorodifluoromethane

Concen: 17.98 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014779.D

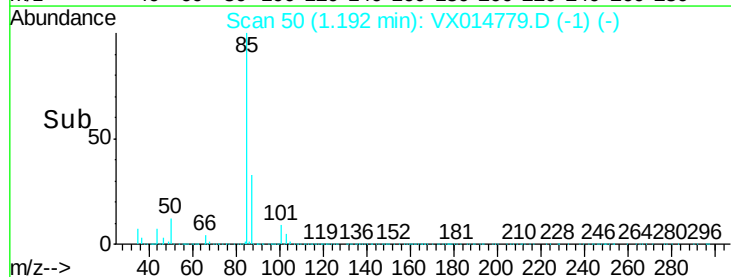
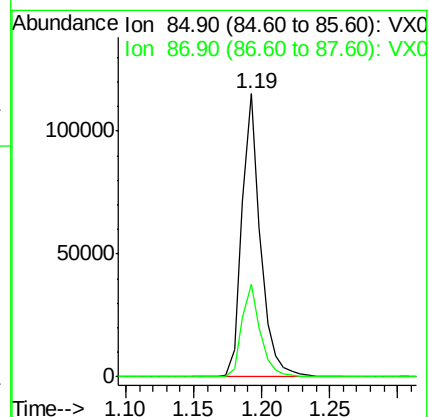
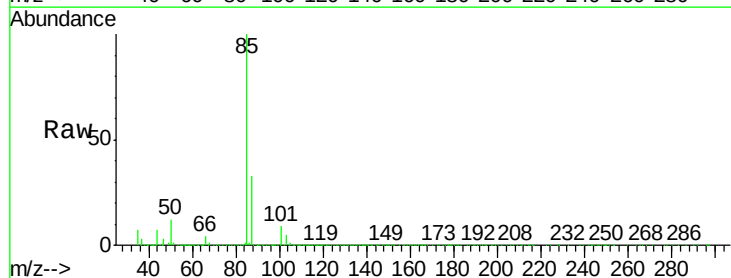
Acq: 31 Jan 2020 13:08

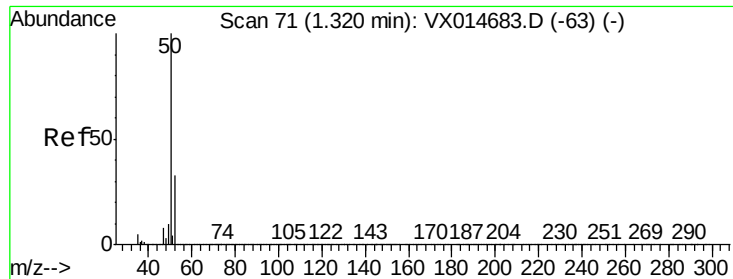
Tgt Ion: 85 Resp: 108544

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5

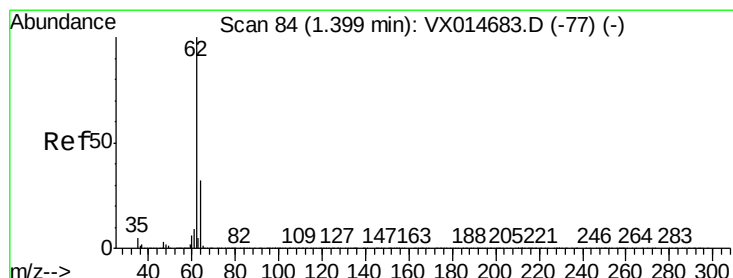
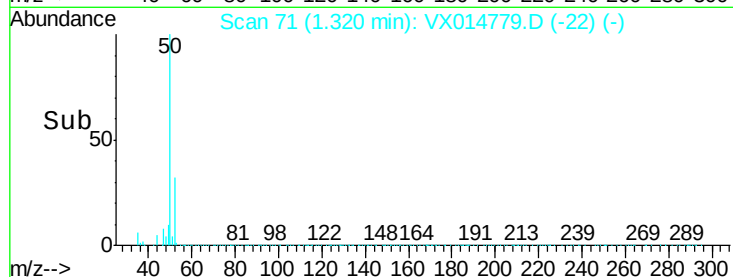
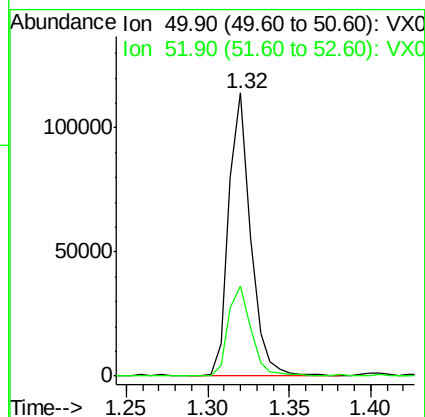
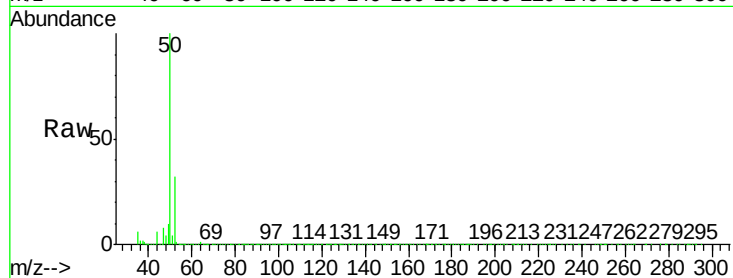




#3
Chloromethane
Concen: 17.26 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

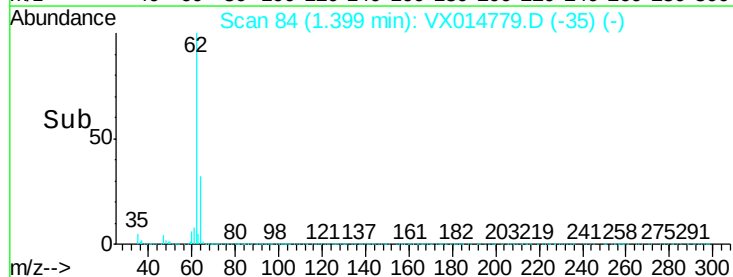
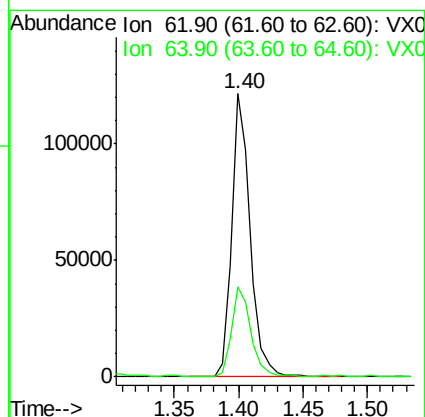
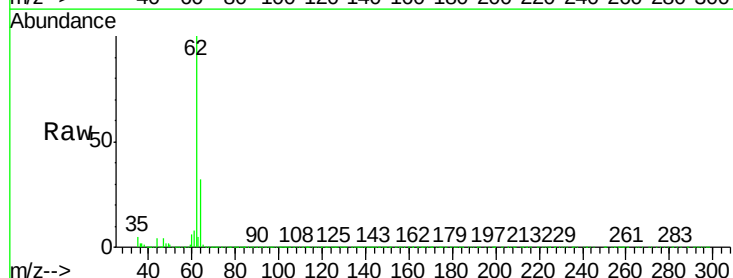
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

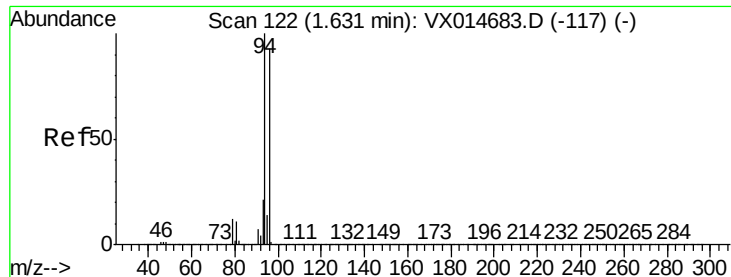
Tgt Ion: 50 Resp: 107084
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 18.18 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 62 Resp: 121993
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





#5

Bromomethane

Concen: 15.77 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

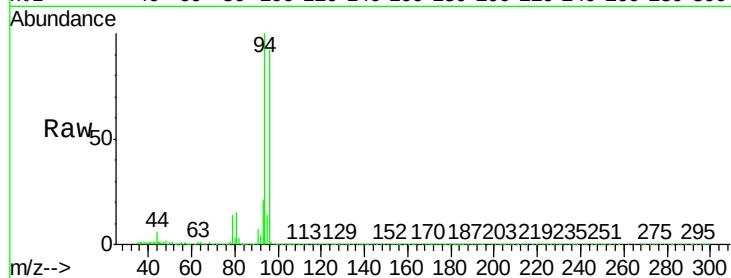
VX0131WBSD02

Tgt Ion: 94 Resp: 71868

Ion Ratio Lower Upper

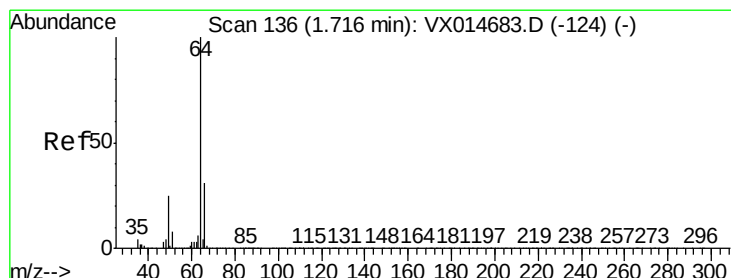
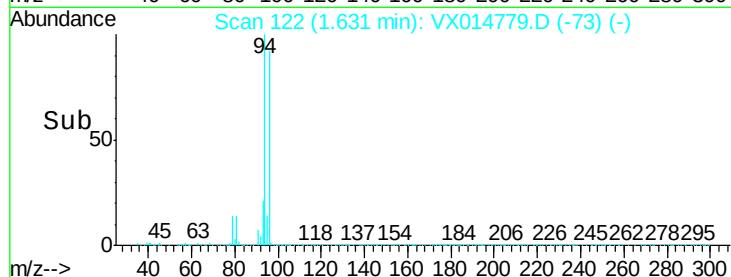
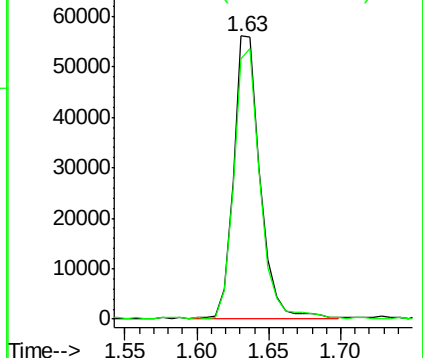
94 100

96 91.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.44 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014779.D

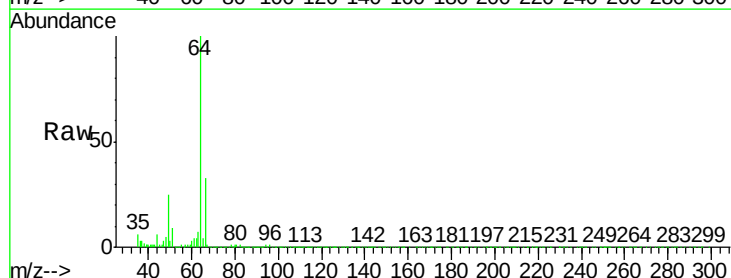
Acq: 31 Jan 2020 13:08

Tgt Ion: 64 Resp: 70408

Ion Ratio Lower Upper

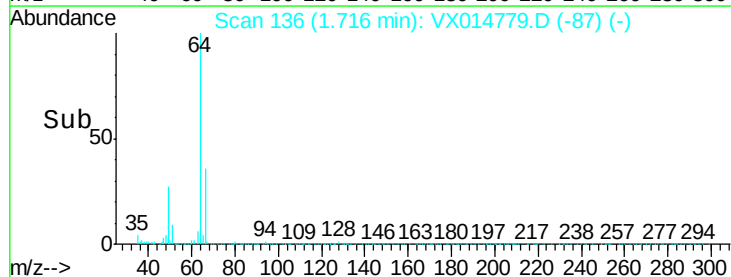
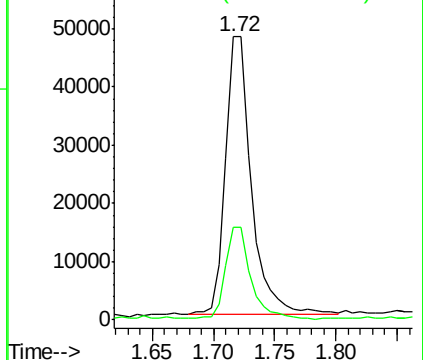
64 100

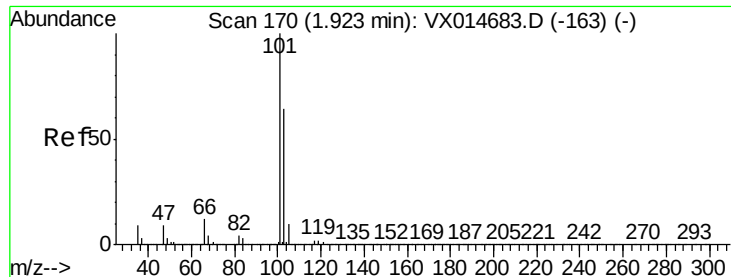
66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



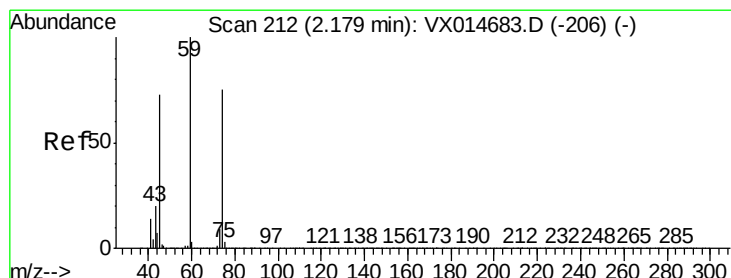
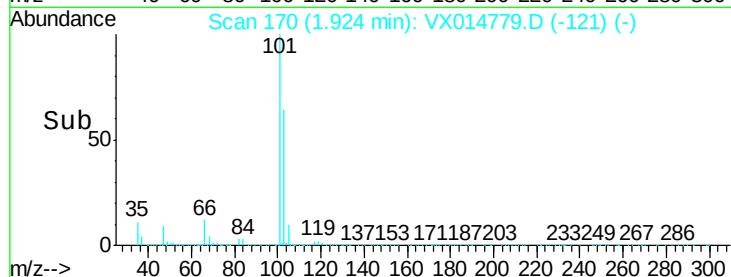
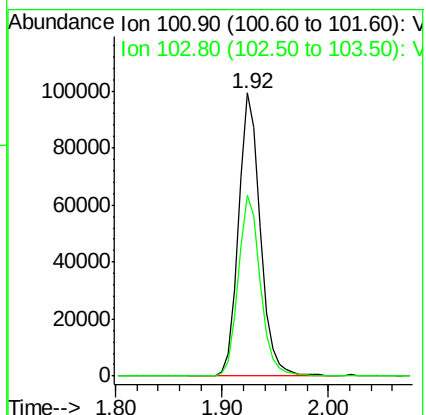
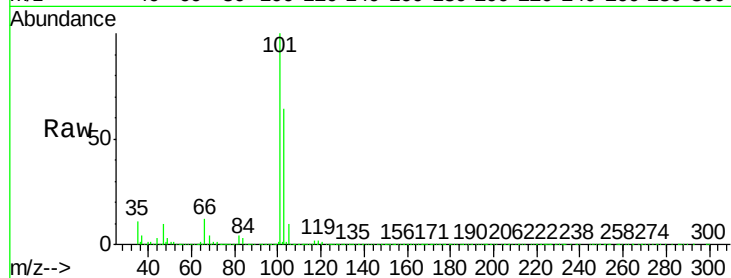


#7

Trichlorofluoromethane
Concen: 18.27 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
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VX0131WBSD02

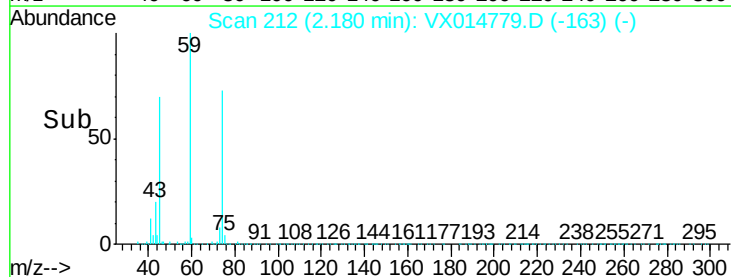
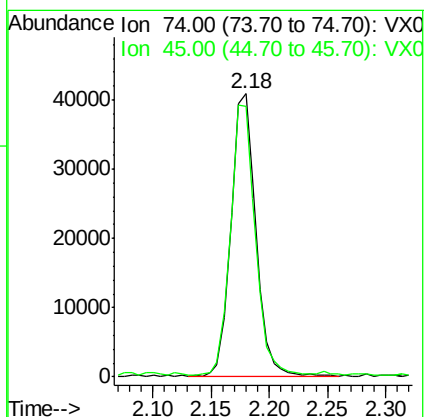
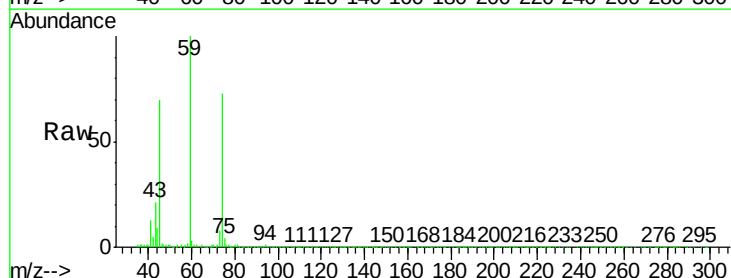
Tgt Ion: 101 Resp: 142690
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

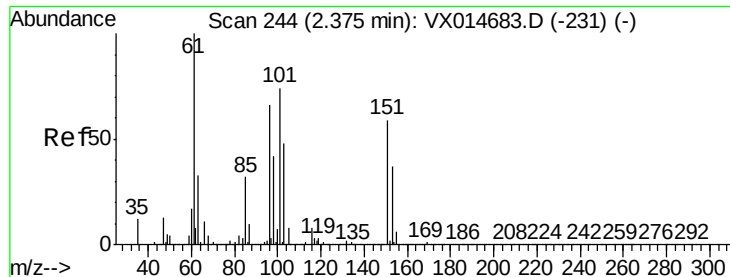


#8

Diethyl Ether
Concen: 17.96 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 74 Resp: 61223
Ion Ratio Lower Upper
74 100
45 94.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.12 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

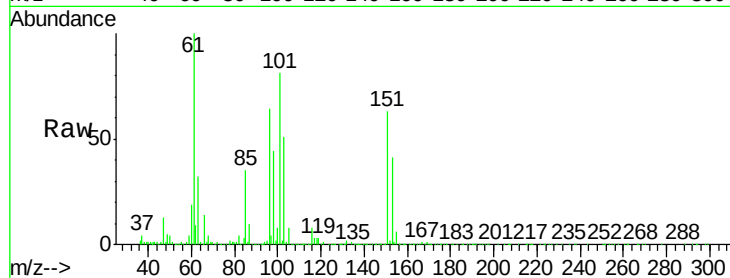
Tgt Ion:101 Resp: 87678

Ion Ratio Lower Upper

101 100

85 42.1 34.7 52.1

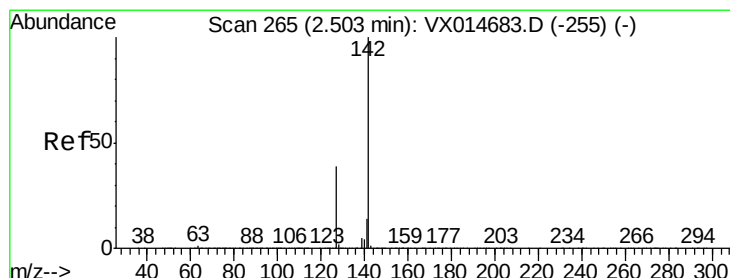
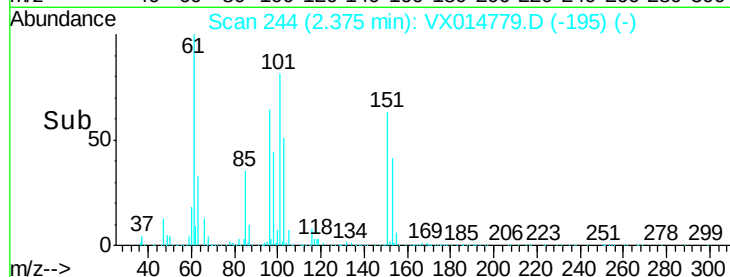
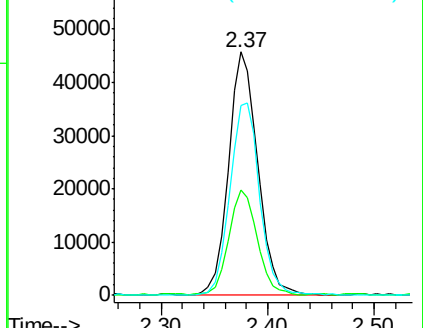
151 81.3 64.7 97.1



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: 17.92 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

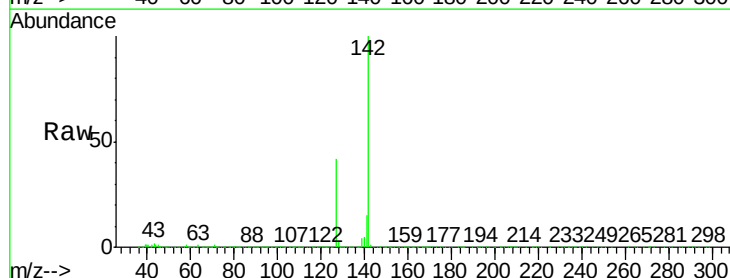
Tgt Ion:142 Resp: 107831

Ion Ratio Lower Upper

142 100

127 39.2 31.1 46.7

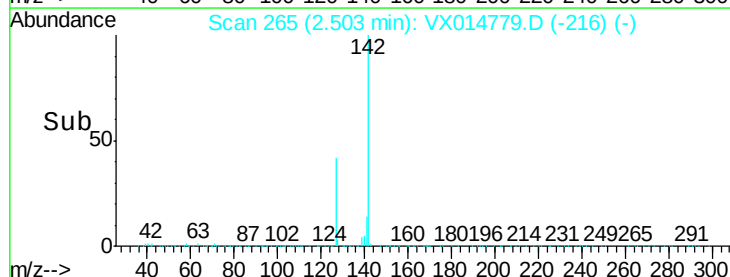
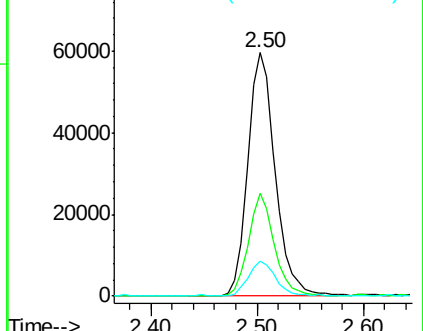
141 14.7 11.3 16.9

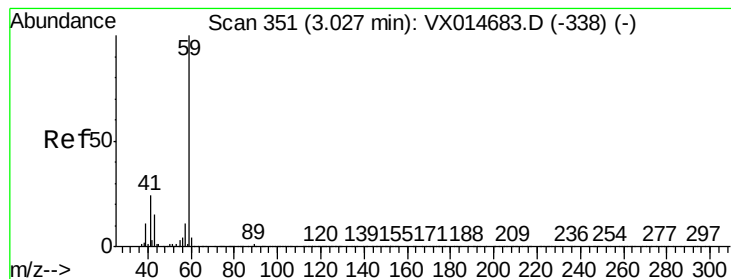


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 77.17 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

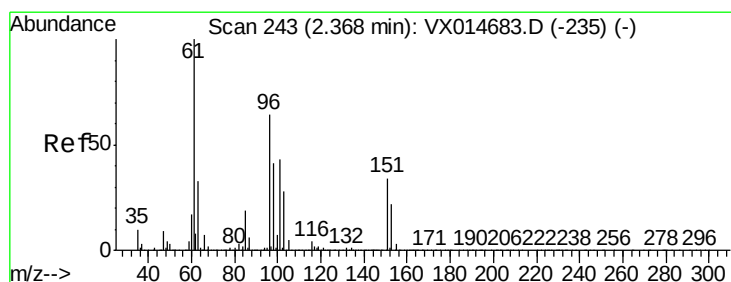
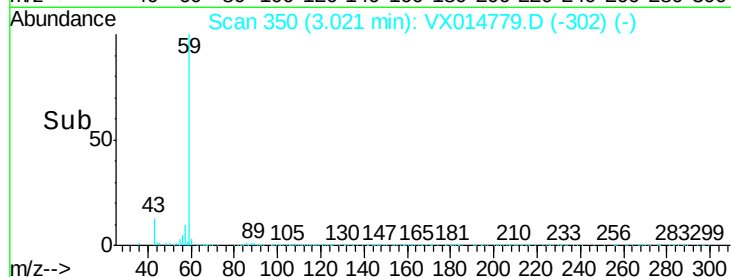
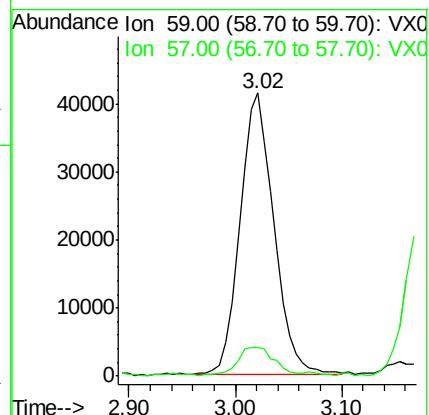
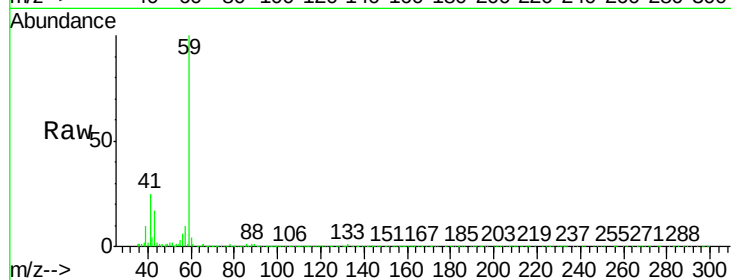
VX0131WBSD02

Tgt Ion: 59 Resp: 92795

Ion Ratio Lower Upper

59 100

57 12.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 17.73 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

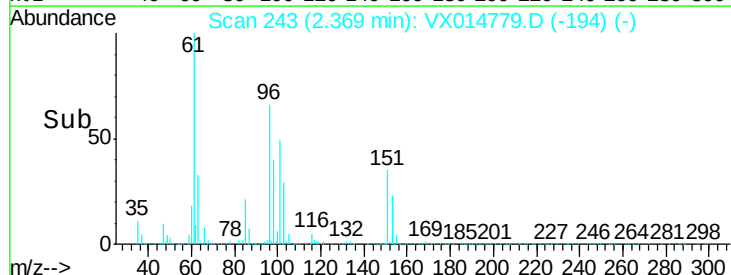
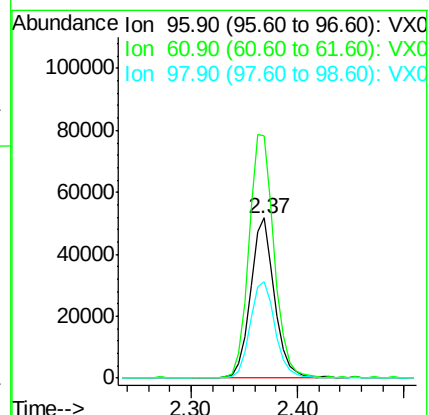
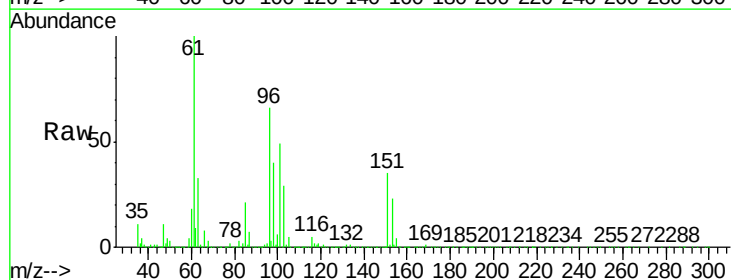
Tgt Ion: 96 Resp: 80835

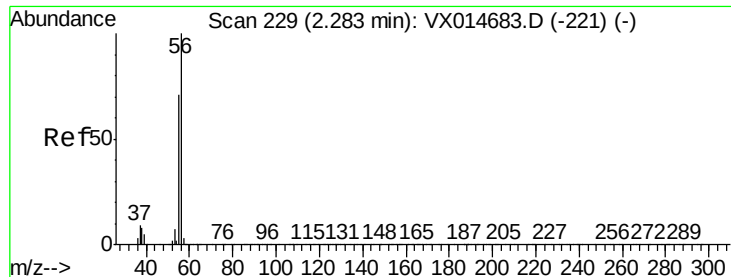
Ion Ratio Lower Upper

96 100

61 151.6 125.8 188.8

98 60.1 51.5 77.3





#13

Acrolein

Concen: 61.47 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

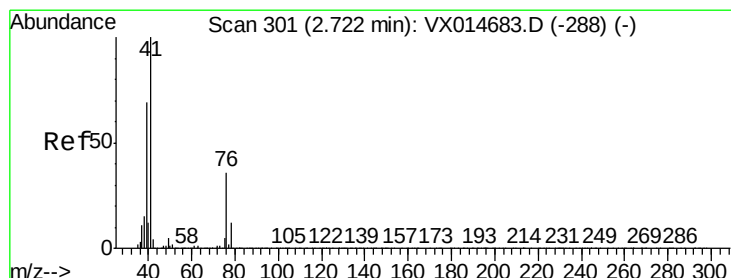
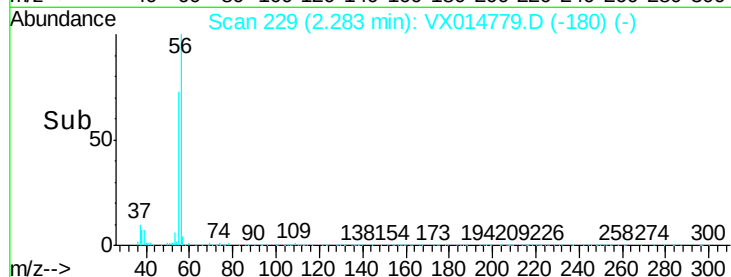
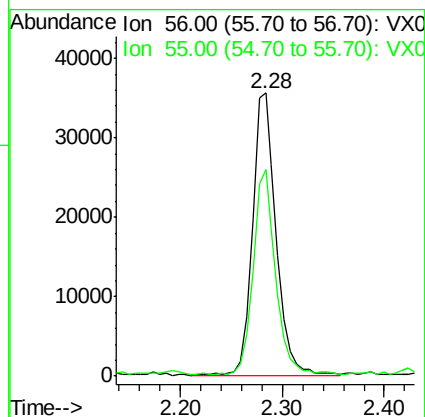
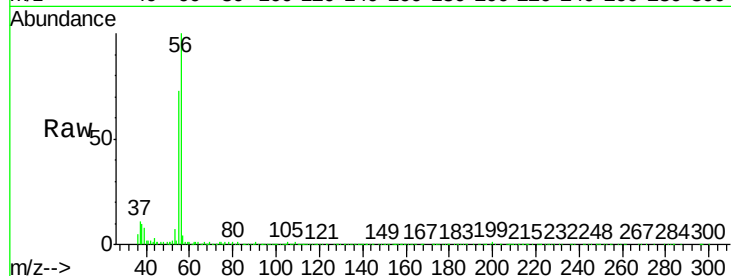
VX0131WBSD02

Tgt Ion: 56 Resp: 58276

Ion Ratio Lower Upper

56 100

55 67.0 56.6 84.8



#14

Allyl chloride

Concen: 17.96 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

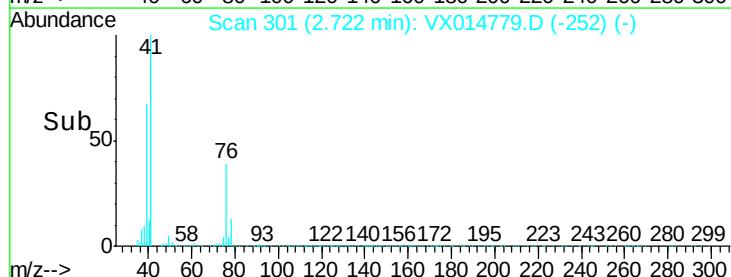
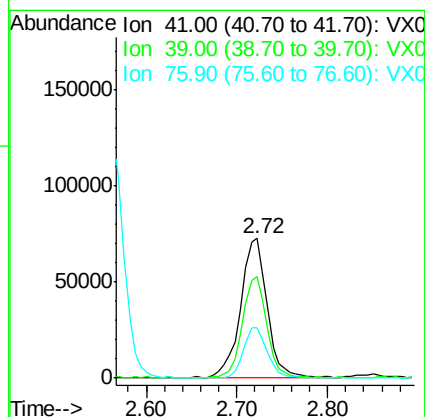
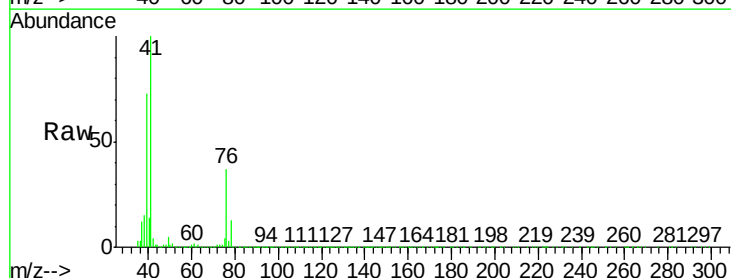
Tgt Ion: 41 Resp: 147155

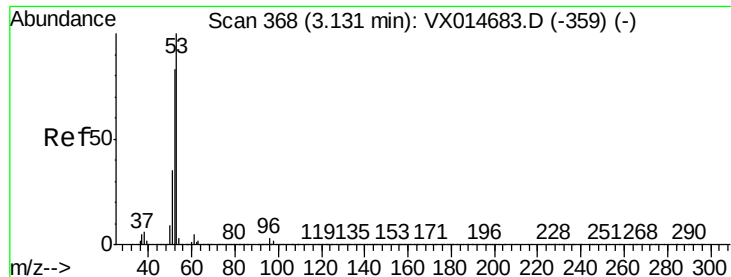
Ion Ratio Lower Upper

41 100

39 67.4 52.0 78.0

76 32.1 26.0 39.0





#15

Acrylonitrile

Concen: 85.47 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

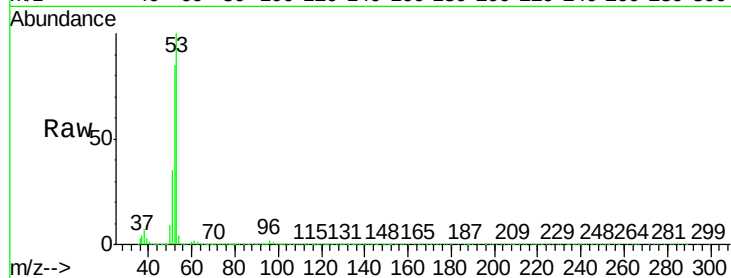
Tgt Ion: 53 Resp: 237782

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

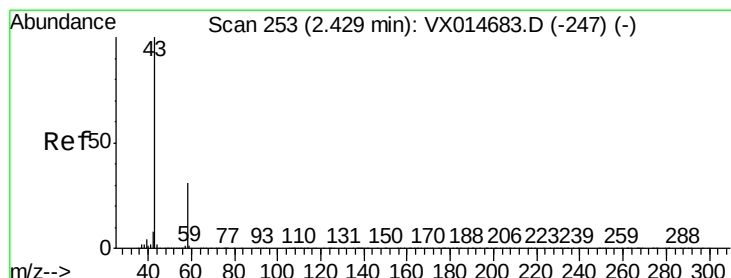
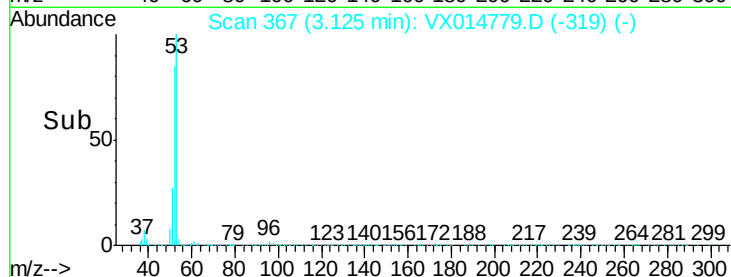
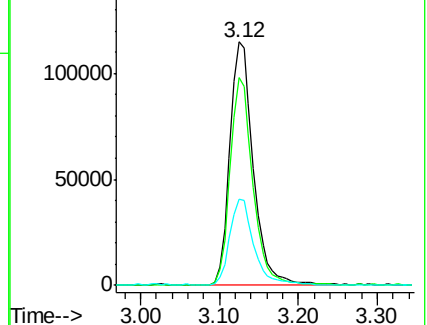
51 36.3 28.7 43.1



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: 87.17 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014779.D

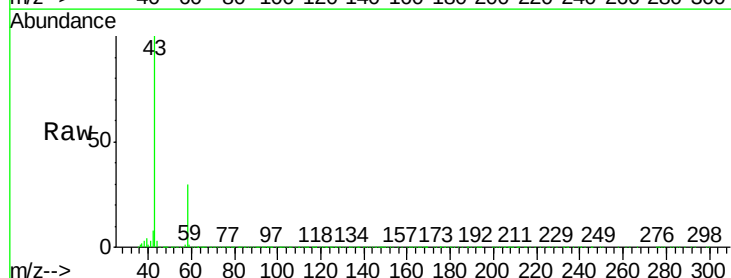
Acq: 31 Jan 2020 13:08

Tgt Ion: 43 Resp: 255586

Ion Ratio Lower Upper

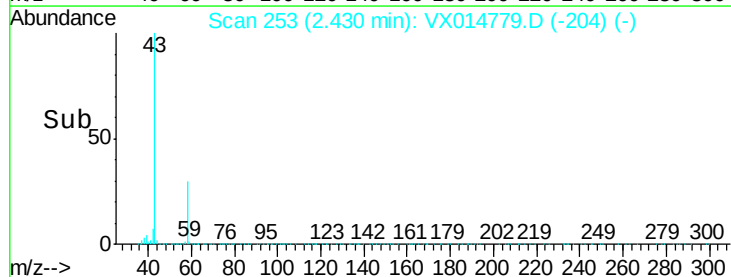
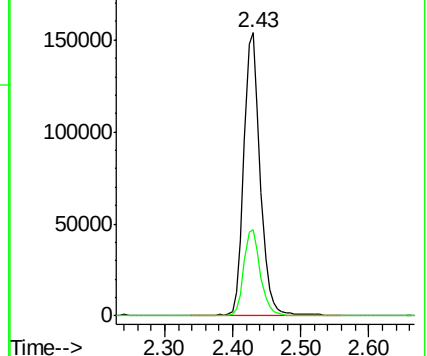
43 100

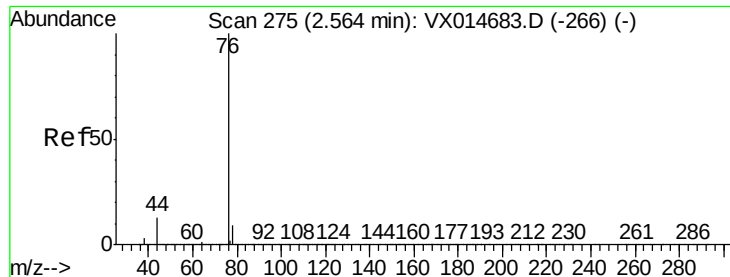
58 30.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.51 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

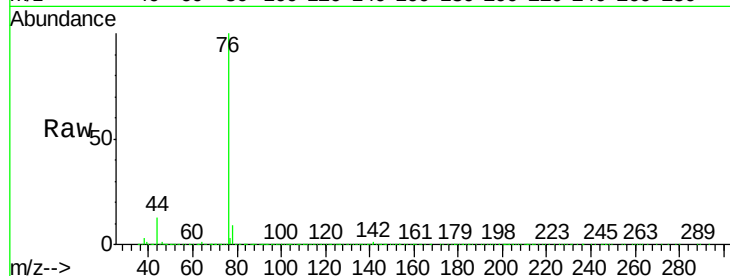
VX0131WBSD02

Tgt Ion: 76 Resp: 205744

Ion Ratio Lower Upper

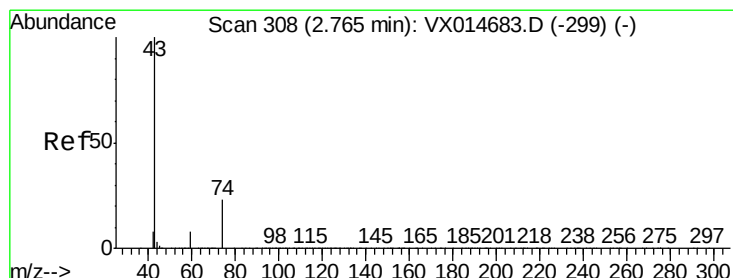
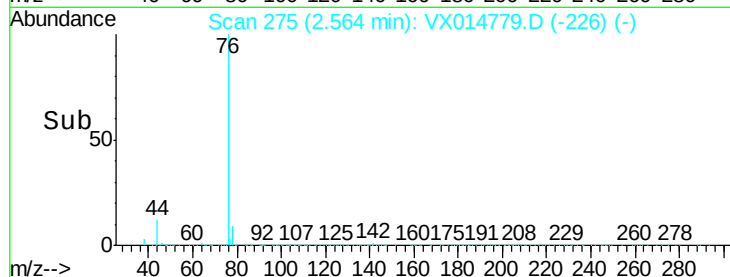
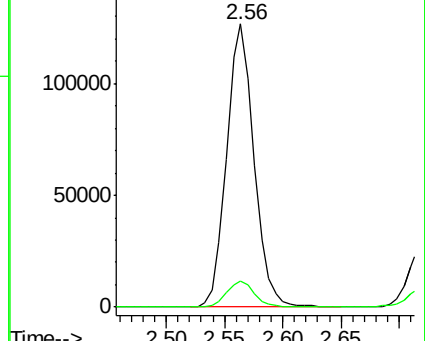
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.42 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014779.D

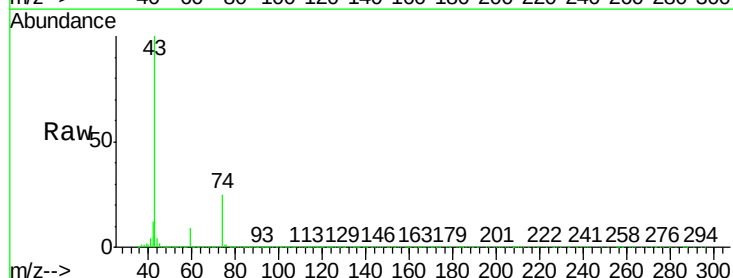
Acq: 31 Jan 2020 13:08

Tgt Ion: 43 Resp: 145983

Ion Ratio Lower Upper

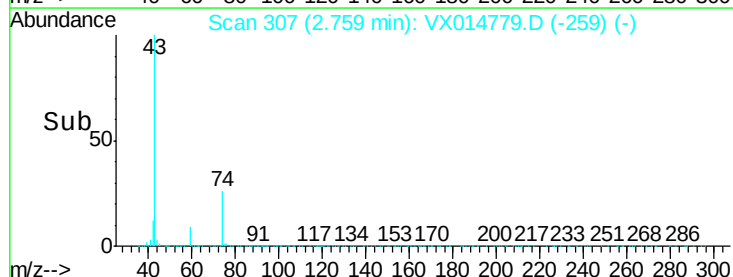
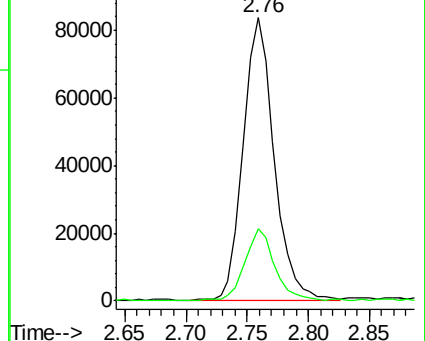
43 100

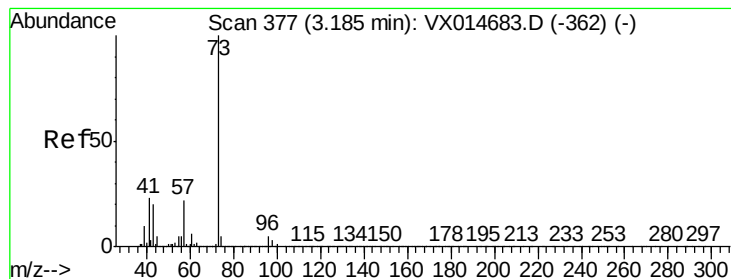
74 24.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.24 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

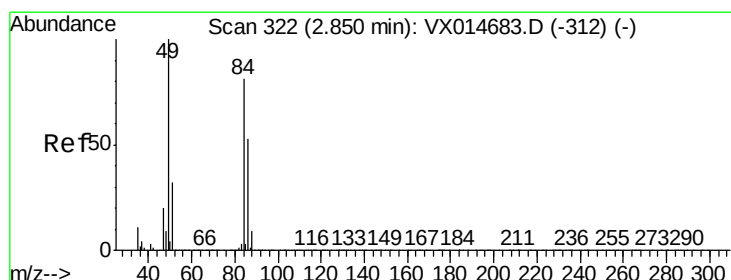
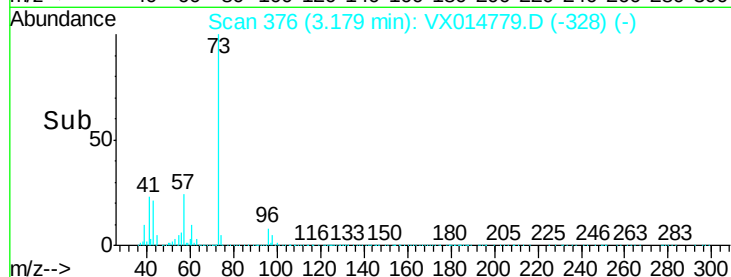
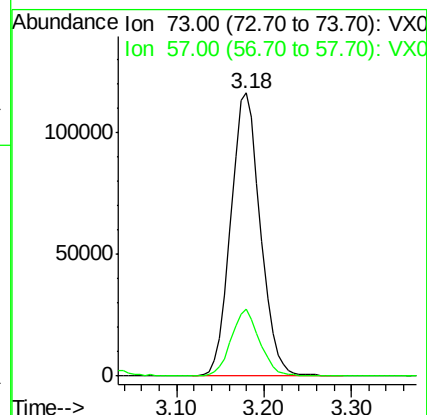
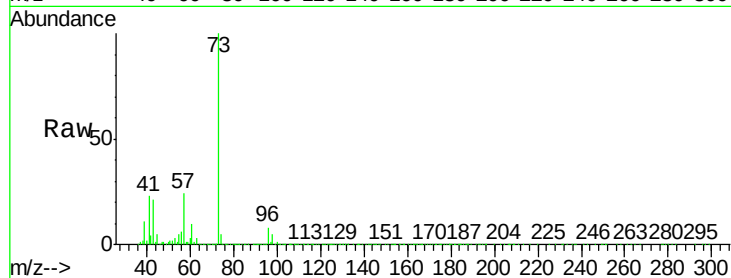
VX0131WBSD02

Tgt Ion: 73 Resp: 272400

Ion Ratio Lower Upper

73 100

57 23.4 18.0 27.0



#20

Methylene Chloride

Concen: 17.69 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion: 84 Resp: 96065

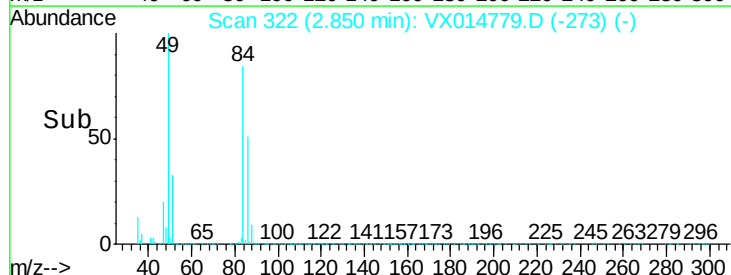
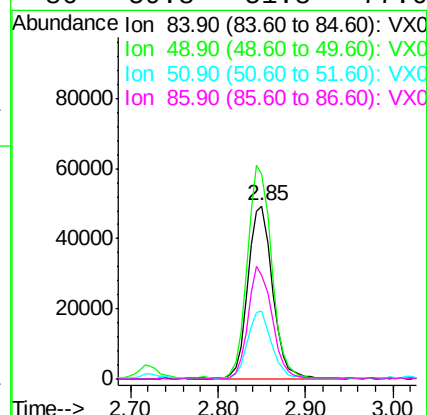
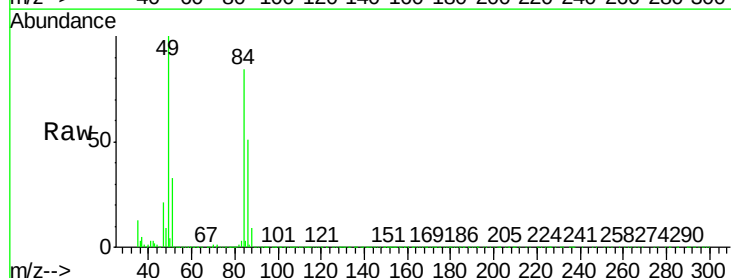
Ion Ratio Lower Upper

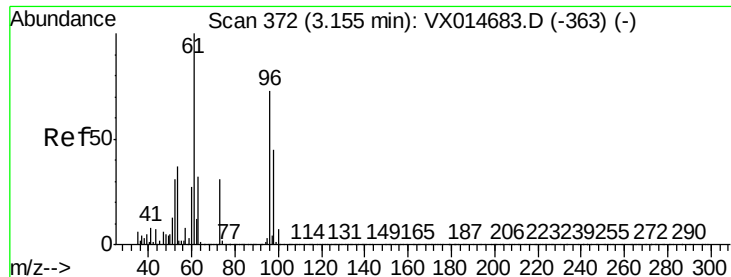
84 100

49 118.1 98.2 147.4

51 39.4 31.3 46.9

86 59.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.44 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

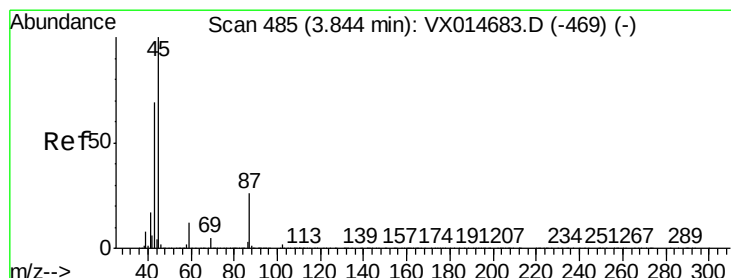
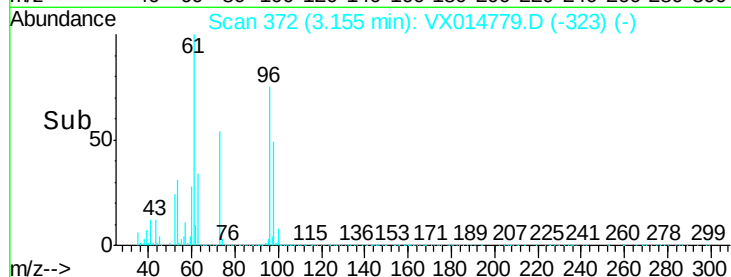
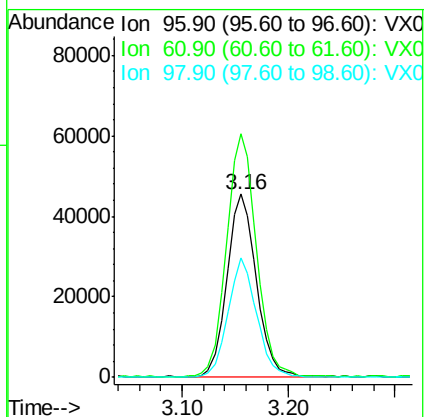
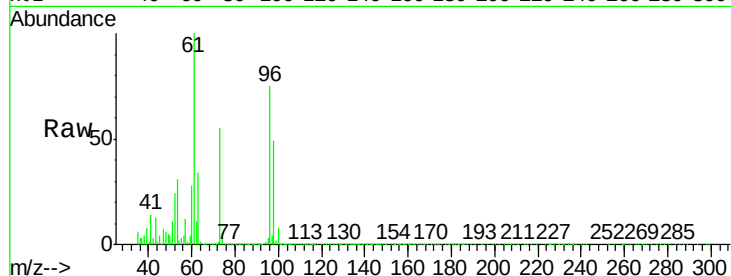
Tgt Ion: 96 Resp: 87562

Ion Ratio Lower Upper

96 100

61 132.5 109.8 164.6

98 65.1 49.6 74.4



#22

Diisopropyl ether

Concen: 18.66 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion: 45 Resp: 304295

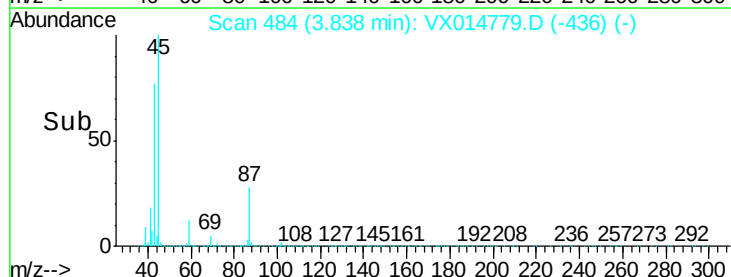
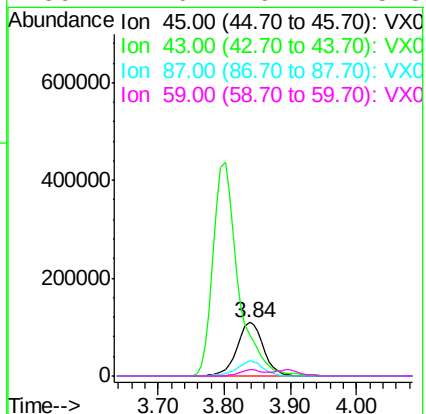
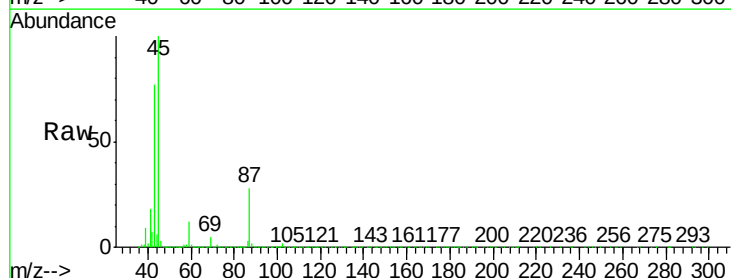
Ion Ratio Lower Upper

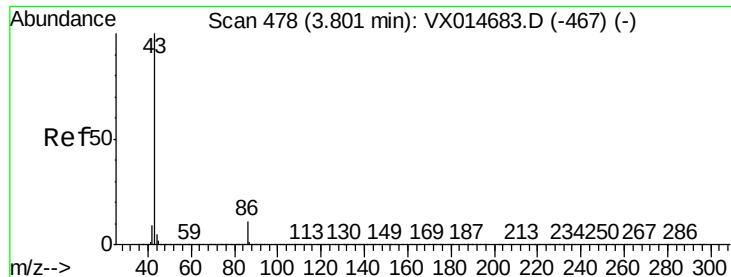
45 100

43 76.3 55.1 82.7

87 27.9 20.7 31.1

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 92.47 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

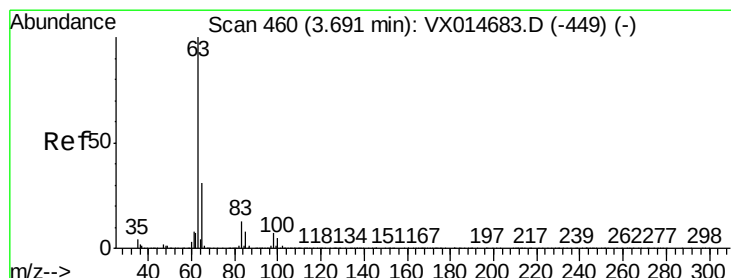
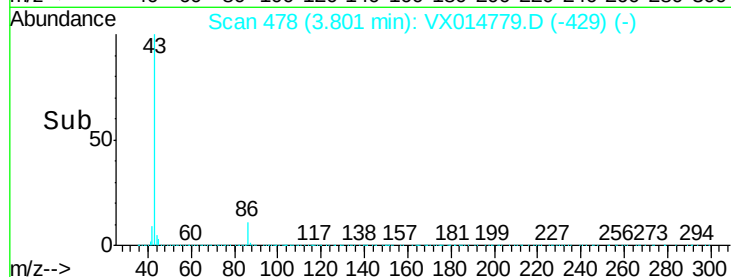
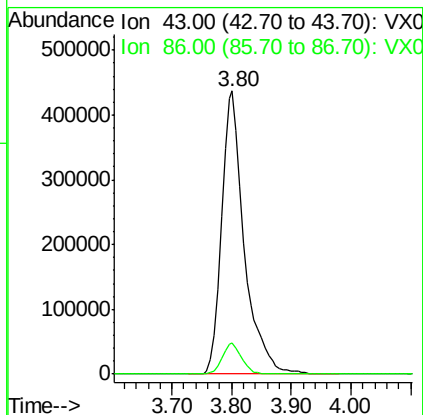
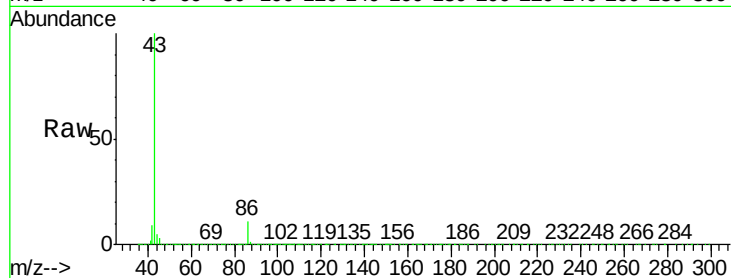
VX0131WBSD02

Tgt Ion: 43 Resp: 1149224

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.31 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

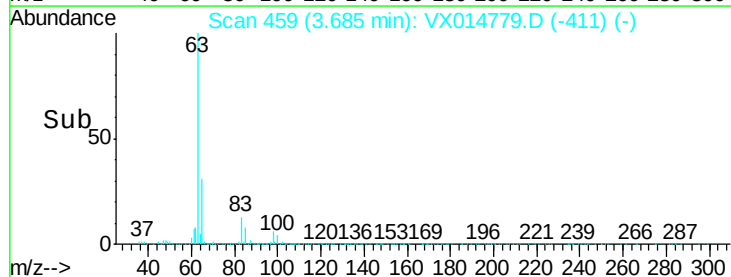
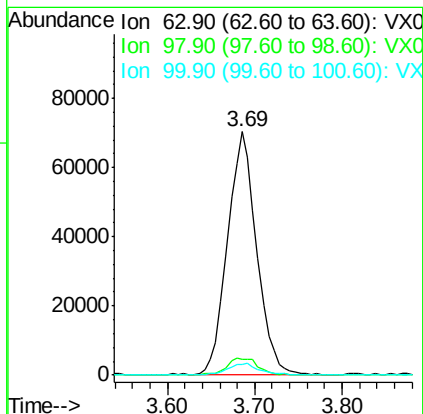
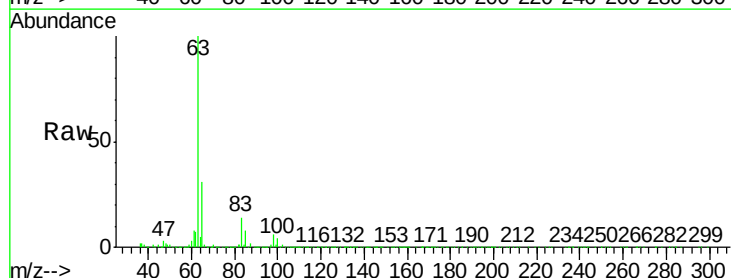
Tgt Ion: 63 Resp: 162159

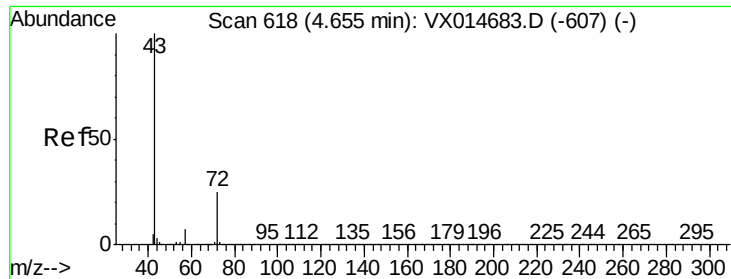
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.0 2.2 6.6

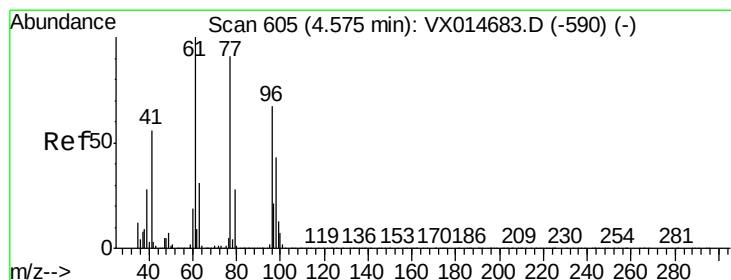
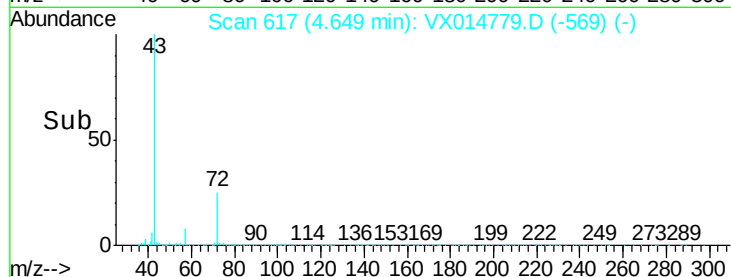
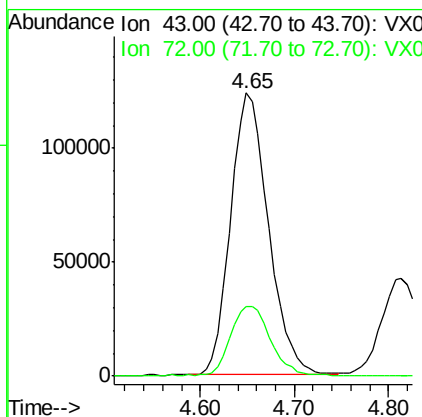
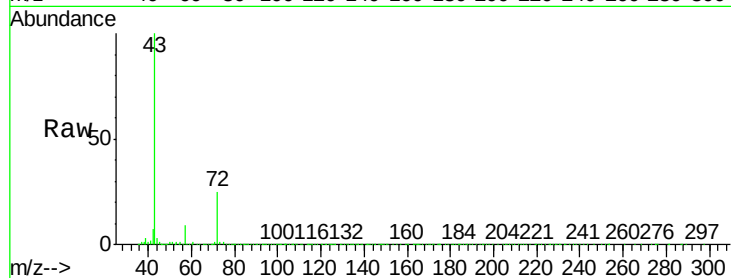




#25
2-Butanone
Concen: 82.58 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

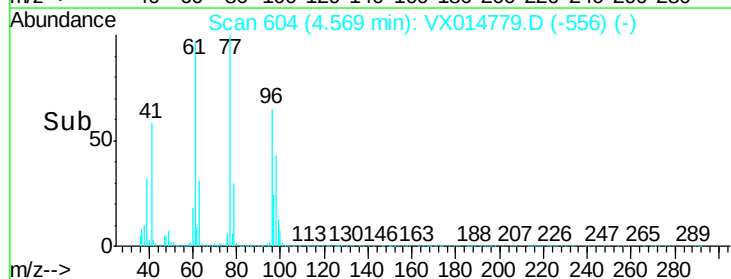
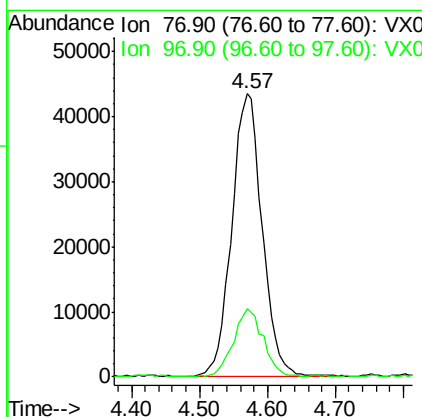
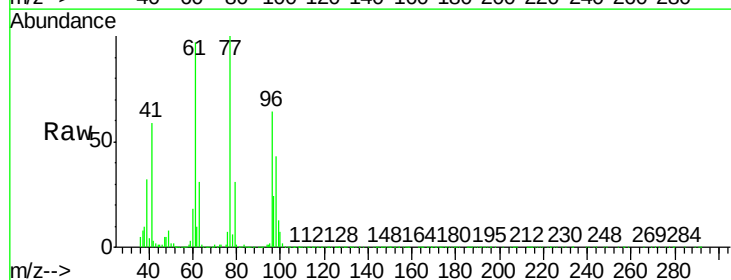
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

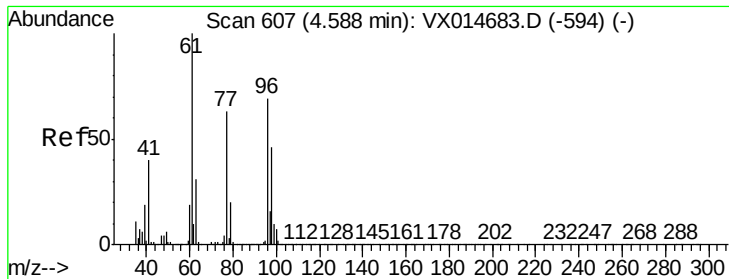
Tgt Ion: 43 Resp: 347303
Ion Ratio Lower Upper
43 100
72 24.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.11 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 77 Resp: 135427
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.95 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

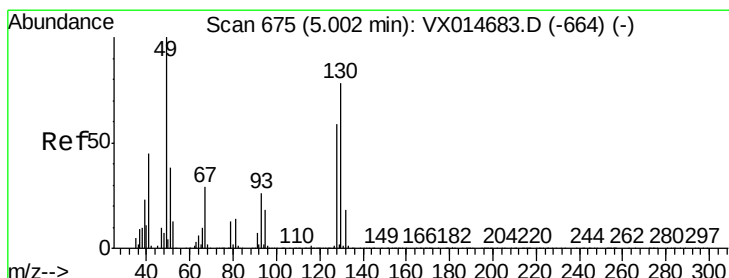
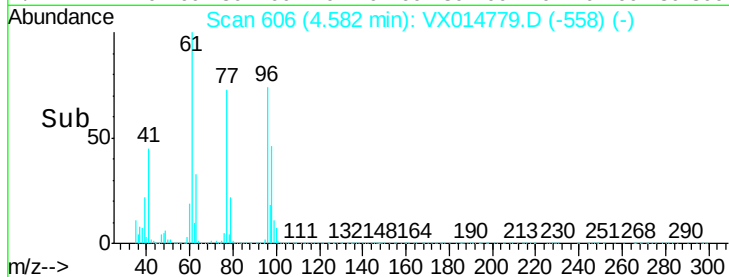
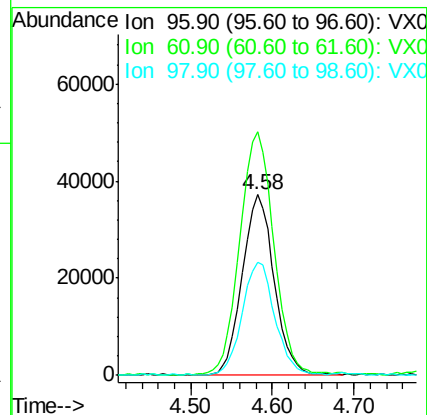
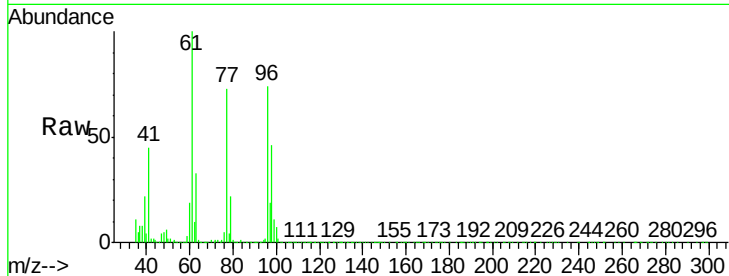
Tgt Ion: 96 Resp: 100873

Ion Ratio Lower Upper

96 100

61 143.7 0.0 291.0

98 63.3 0.0 129.8



#28

Bromochloromethane

Concen: 16.57 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

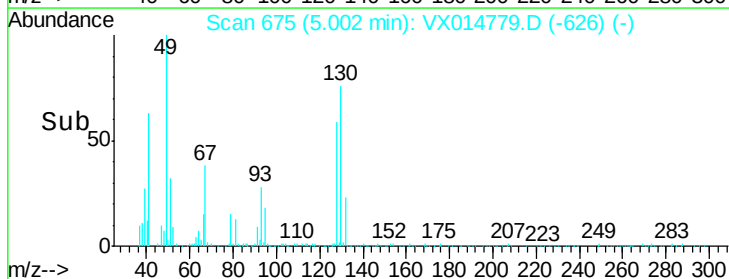
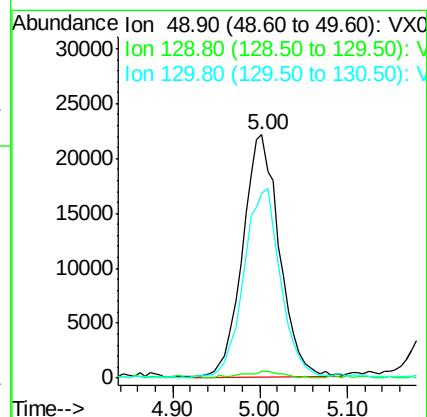
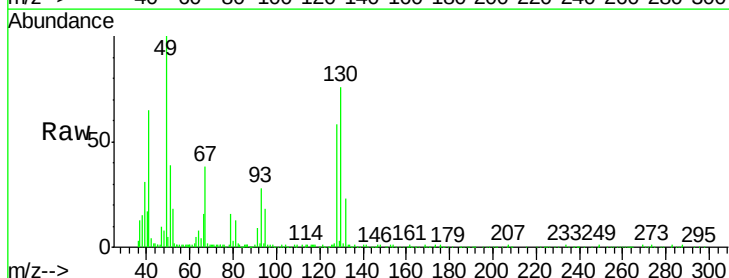
Tgt Ion: 49 Resp: 64458

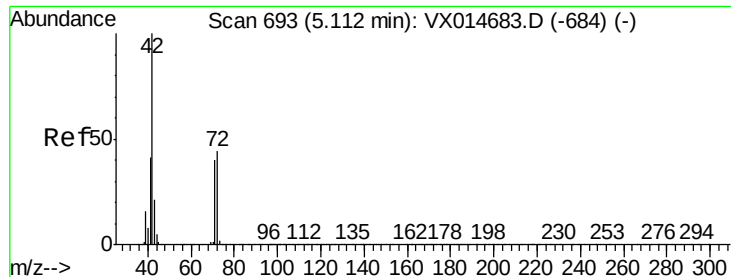
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.8

130 78.8 62.4 93.6





#29

Tetrahydrofuran

Concen: 83.01 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

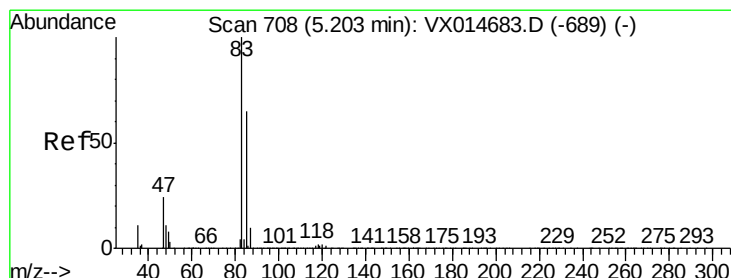
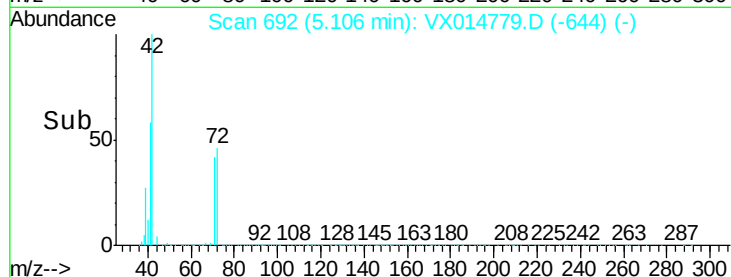
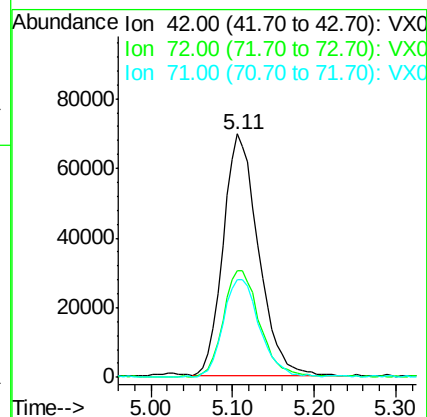
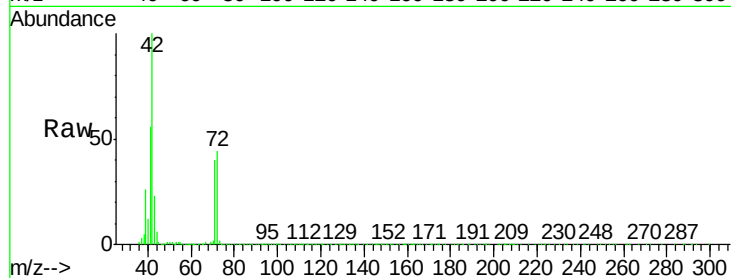
Tgt Ion: 42 Resp: 207206

Ion Ratio Lower Upper

42 100

72 45.4 35.3 52.9

71 42.1 33.1 49.7



#30

Chloroform

Concen: 18.20 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014779.D

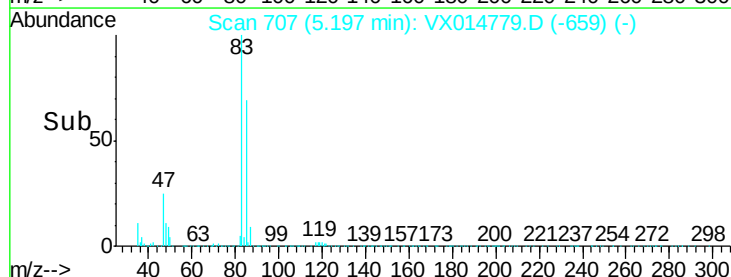
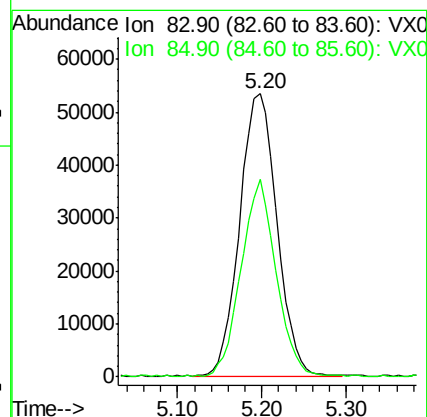
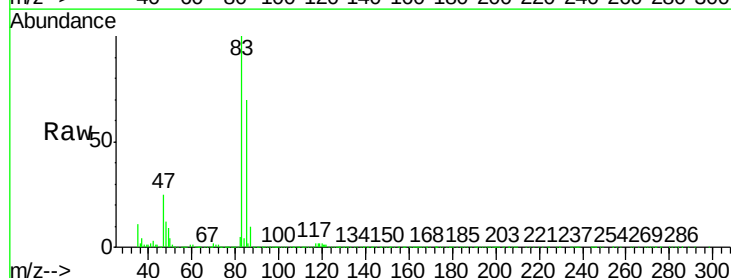
Acq: 31 Jan 2020 13:08

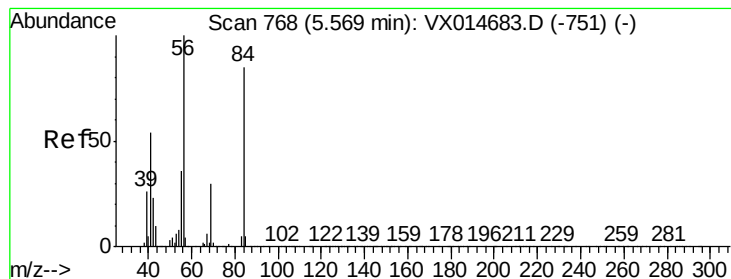
Tgt Ion: 83 Resp: 159650

Ion Ratio Lower Upper

83 100

85 69.7 51.7 77.5





#31

Cyclohexane

Concen: 17.82 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

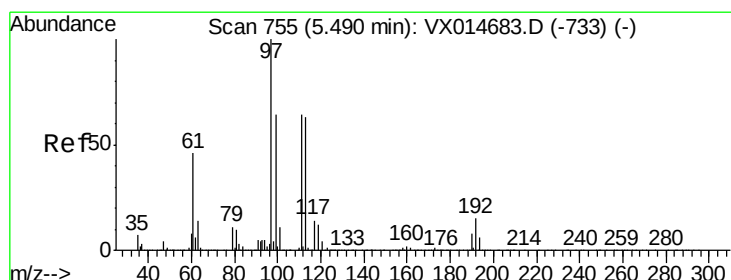
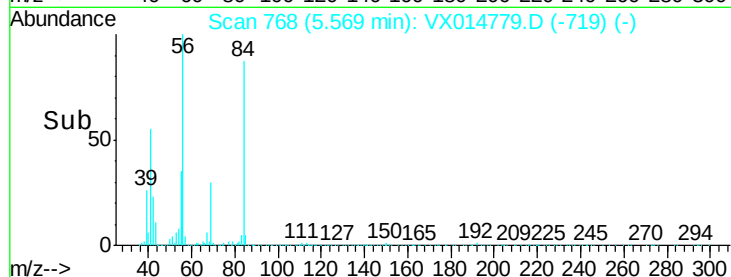
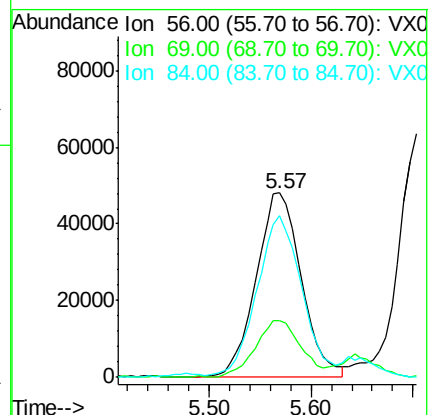
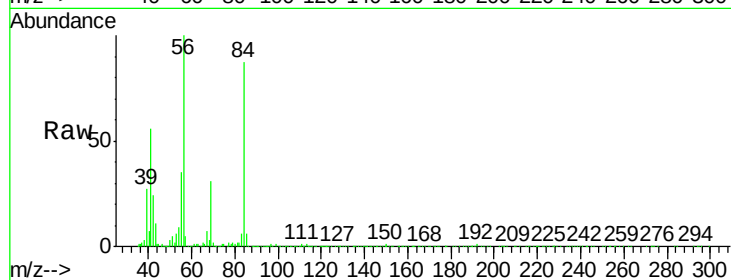
Tgt Ion: 56 Resp: 148402

Ion Ratio Lower Upper

56 100

69 30.6 23.4 35.2

84 85.7 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 18.52 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

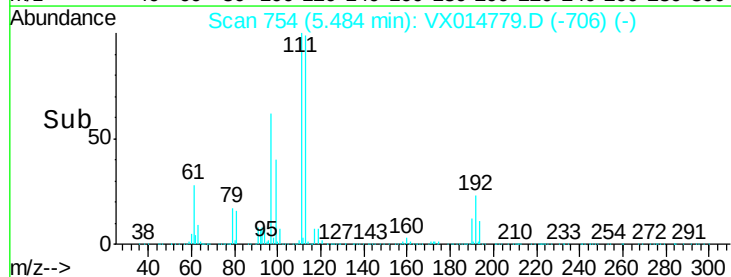
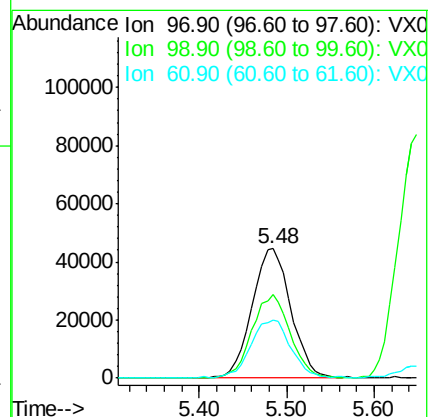
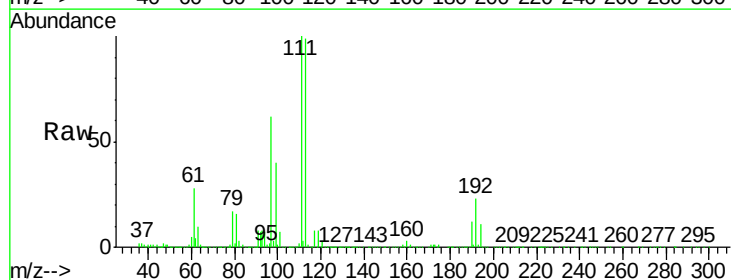
Tgt Ion: 97 Resp: 137299

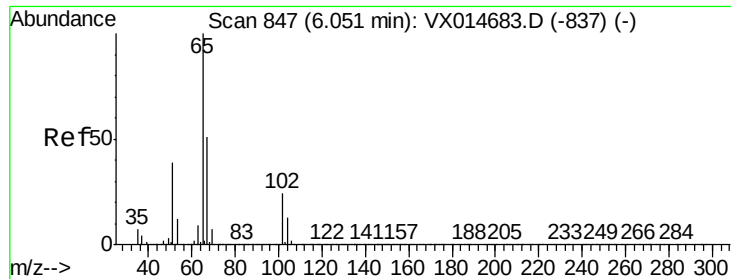
Ion Ratio Lower Upper

97 100

99 62.5 52.3 78.5

61 45.4 37.2 55.8

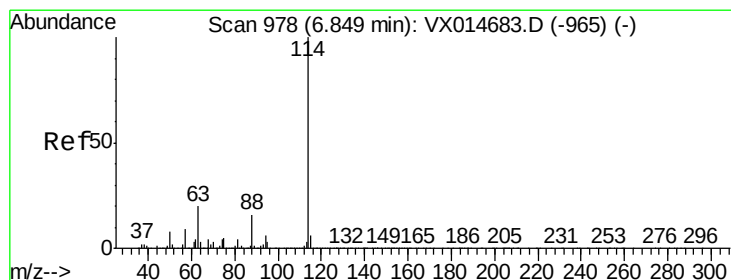
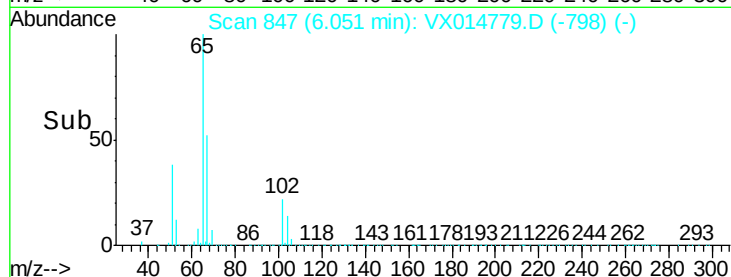
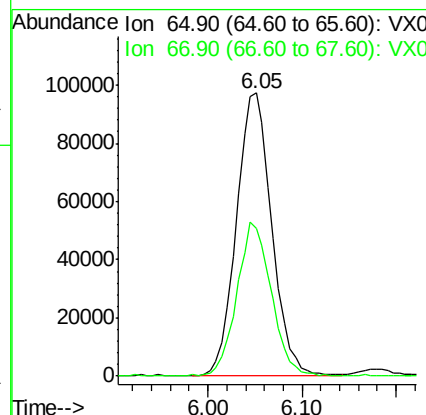
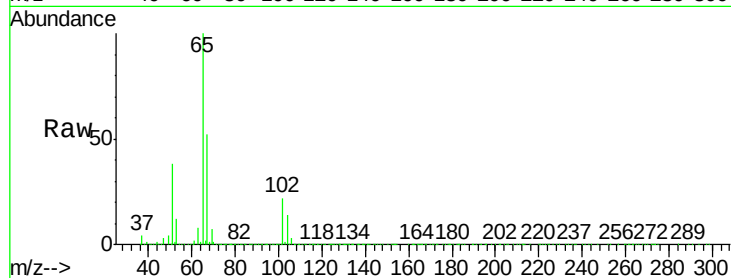




#33
 1,2-Dichloroethane-d4
 Concen: 47.31 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

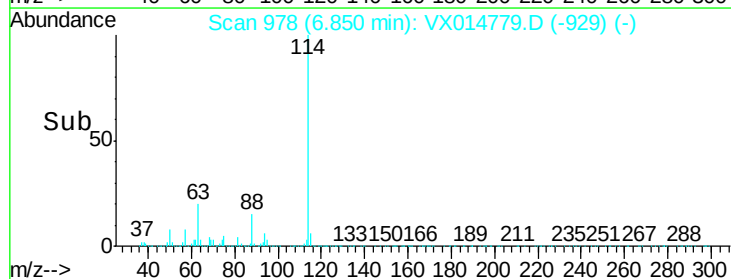
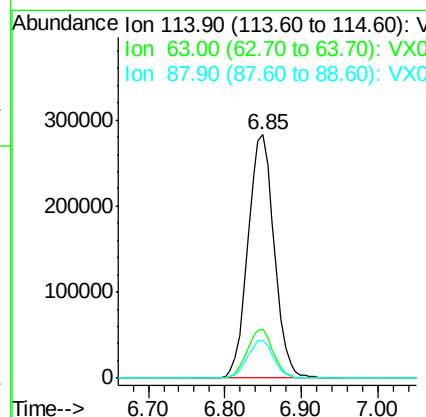
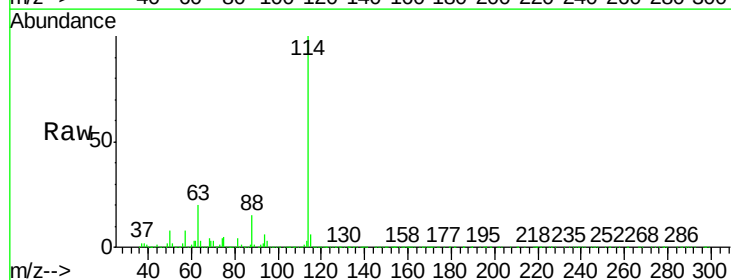
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

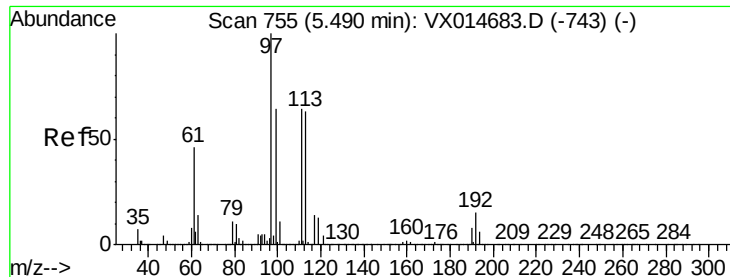
Tgt Ion: 65 Resp: 253399
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion: 114 Resp: 671579
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.2 0.0 31.2

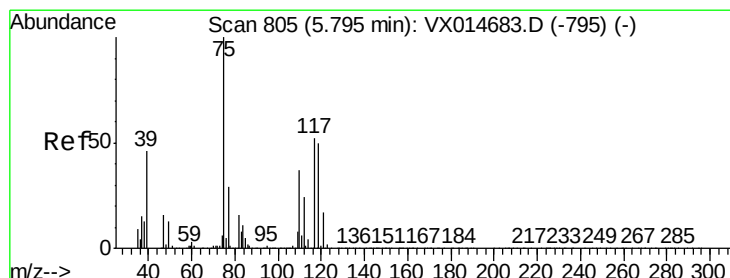
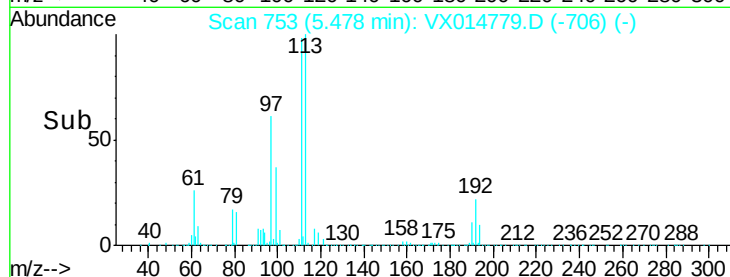
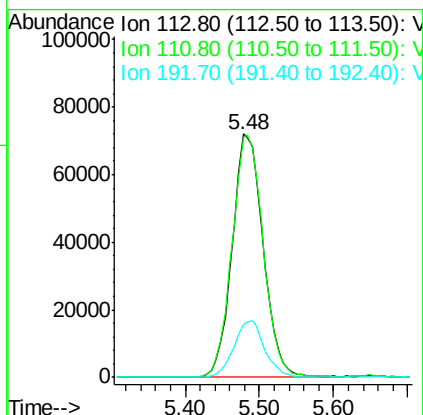
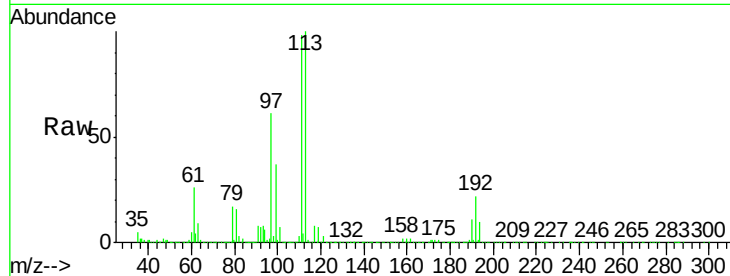




#35
 Dibromofluoromethane
 Concen: 49.58 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

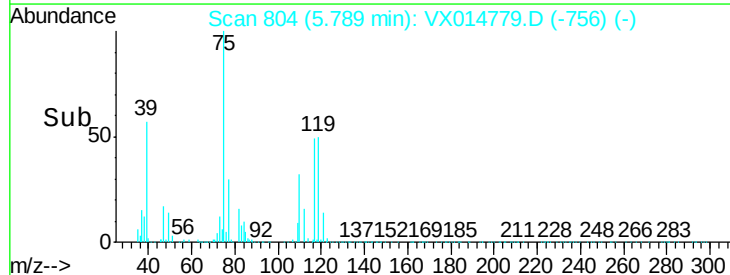
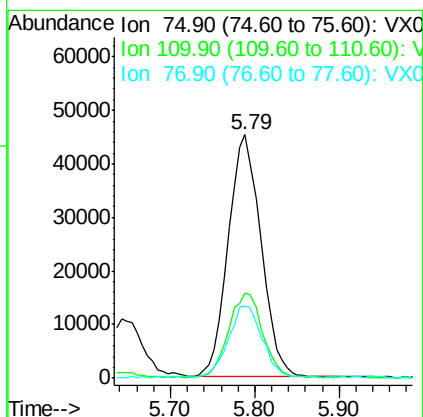
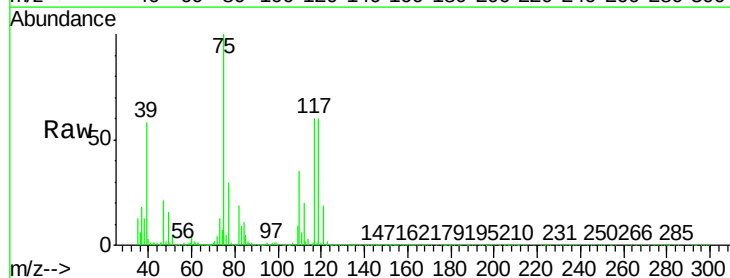
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

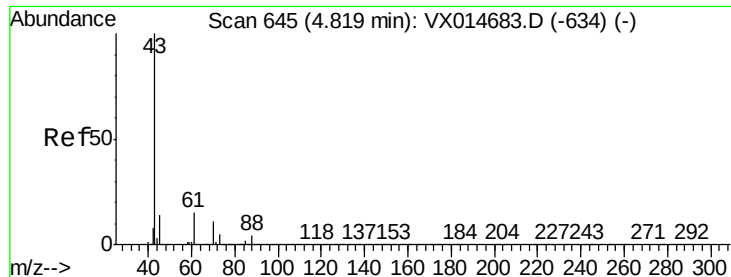
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.1	80.7	121.1
192	23.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.21 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.0	24.1	36.1

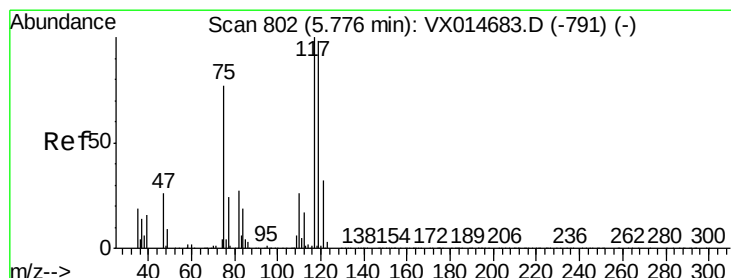
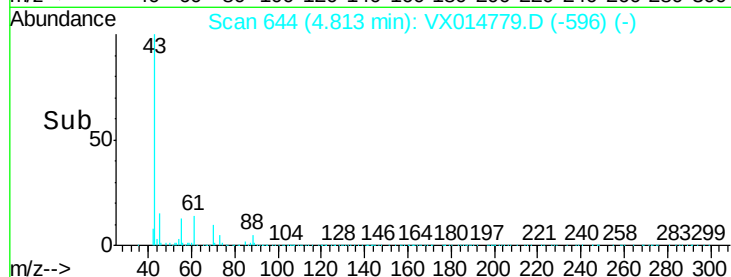
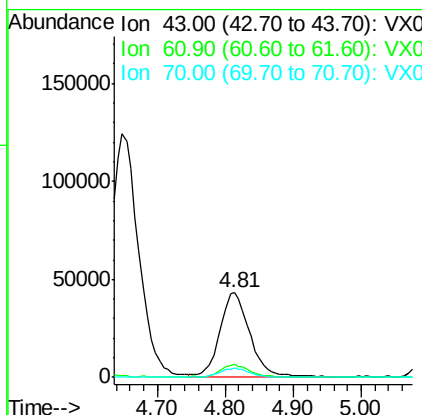
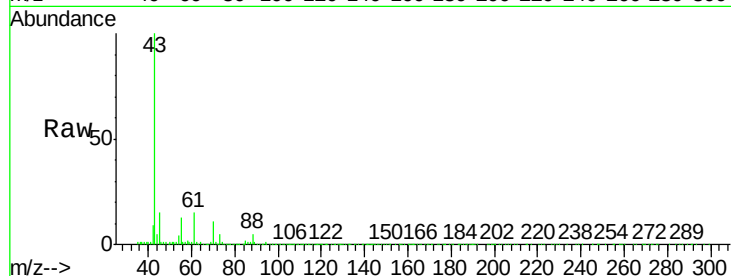




#37
Ethyl Acetate
Concen: 17.96 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

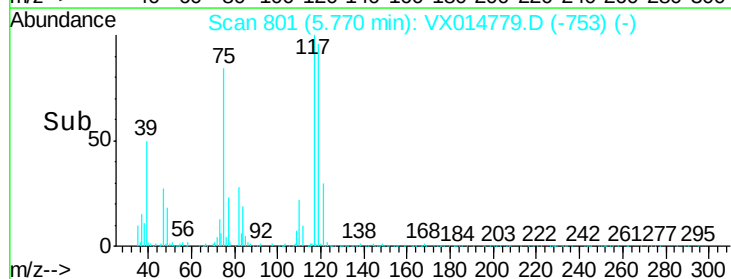
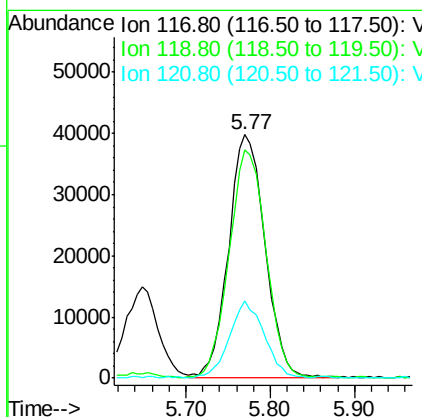
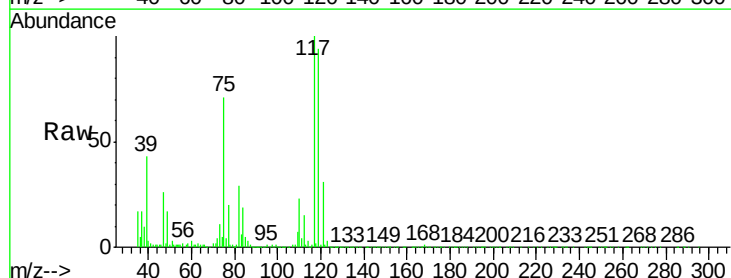
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

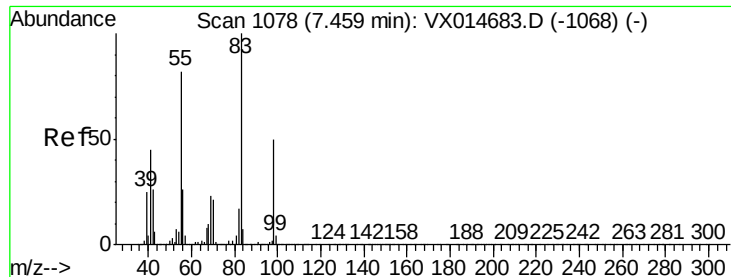
Tgt Ion: 43 Resp: 128351
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.41 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 117 Resp: 115652
Ion Ratio Lower Upper
117 100
119 93.7 77.9 116.9
121 31.3 25.4 38.2

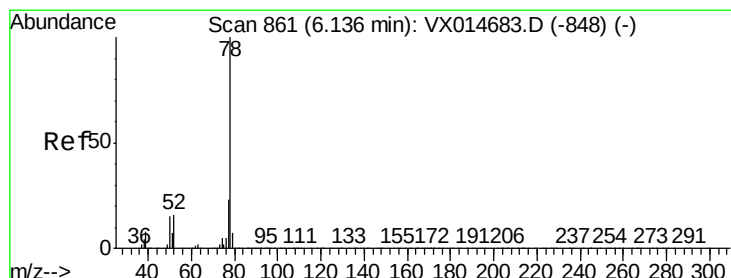
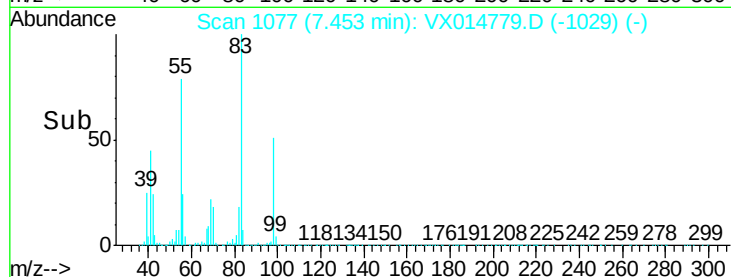
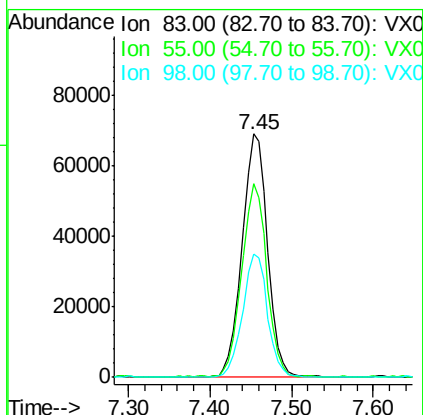
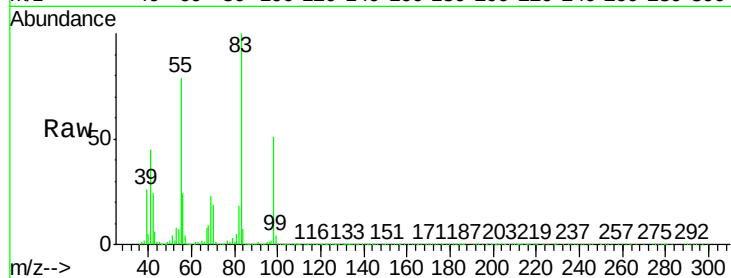




#39
Methylcyclohexane
Concen: 19.20 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

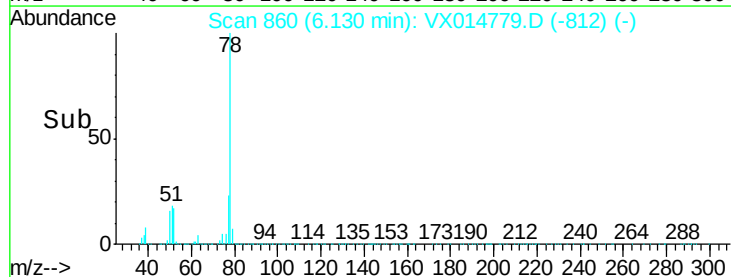
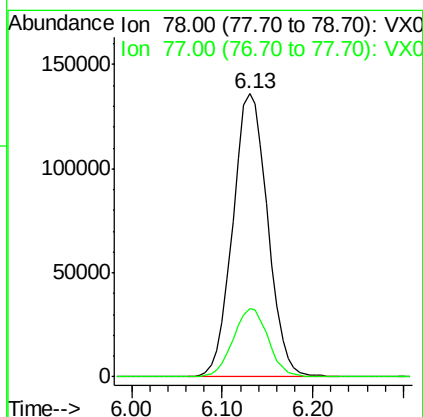
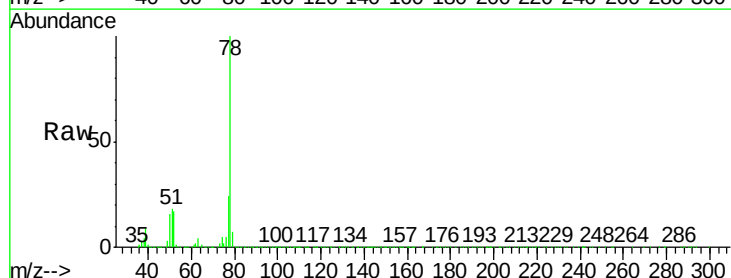
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

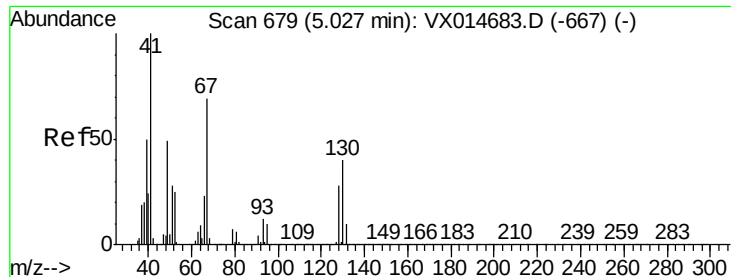
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.6	98.4
98	50.7	40.2	60.4



#40
Benzene
Concen: 18.75 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1

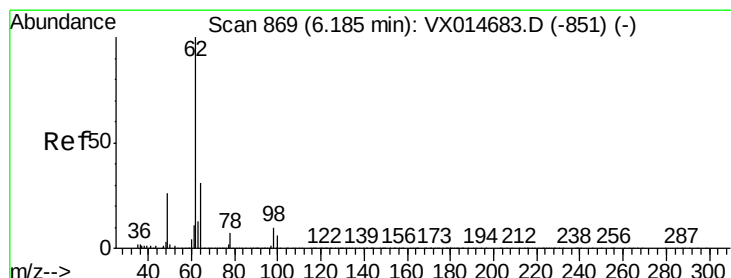
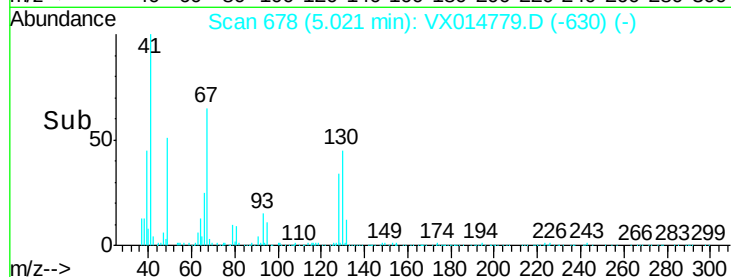
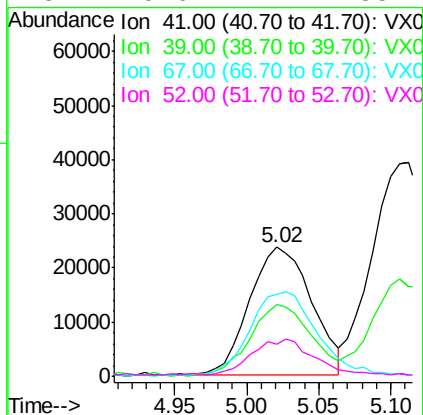
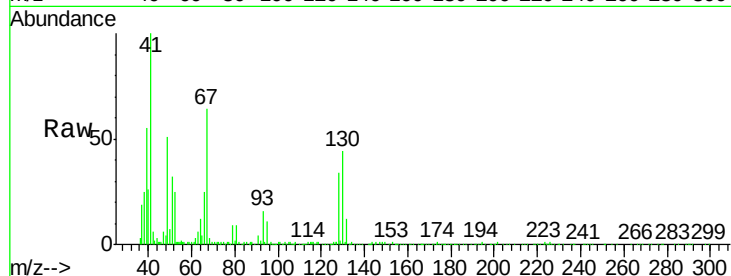




#41
Methacrylonitrile
Concen: 17.12 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

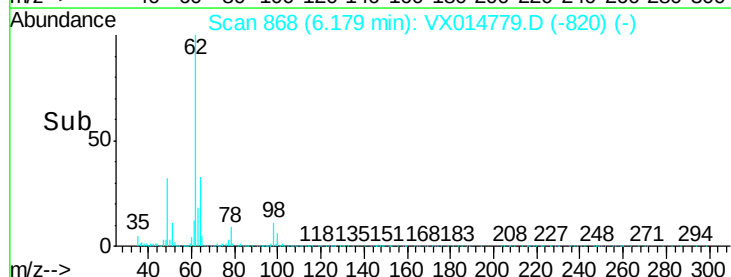
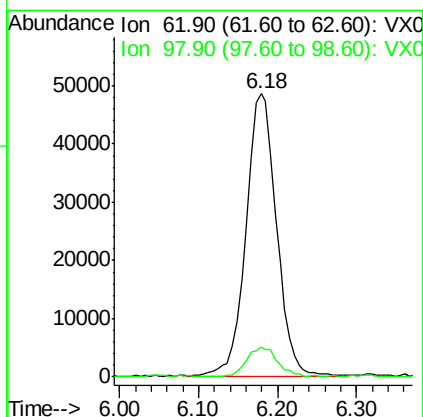
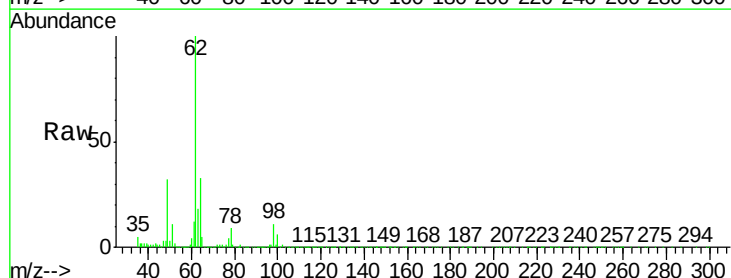
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

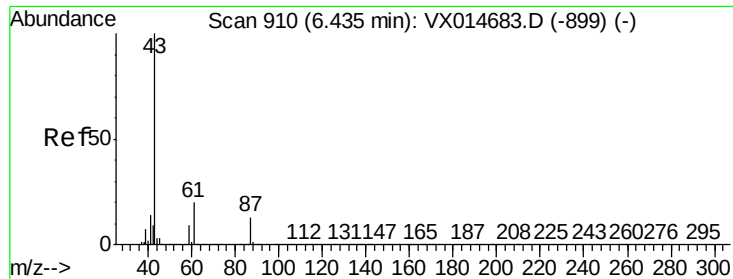
Tgt Ion:	41	Resp:	70484
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.2	63.2
67	72.9	55.4	83.0
52	29.6	22.1	33.1



#42
1,2-Dichloroethane
Concen: 19.52 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion:	62	Resp:	129954
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 17.89 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

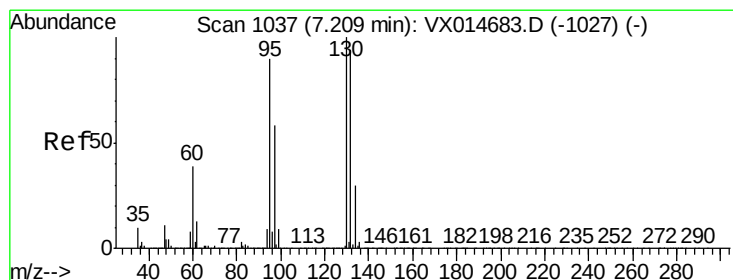
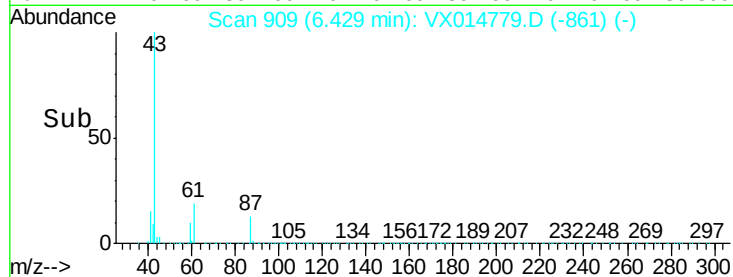
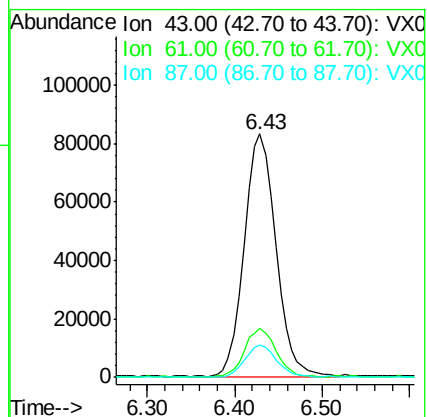
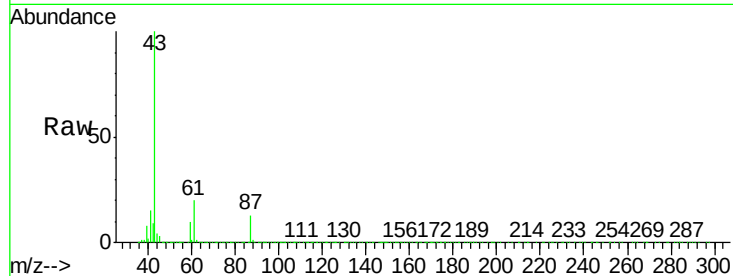
Tgt Ion: 43 Resp: 209415

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.4

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 18.37 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014779.D

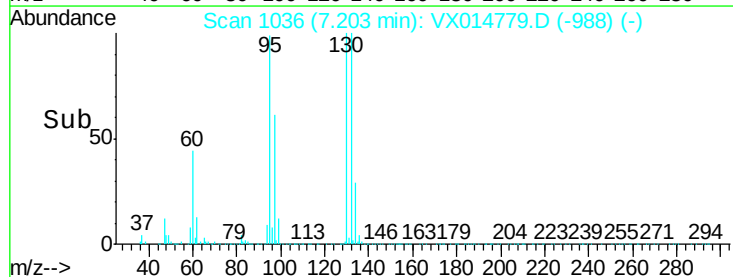
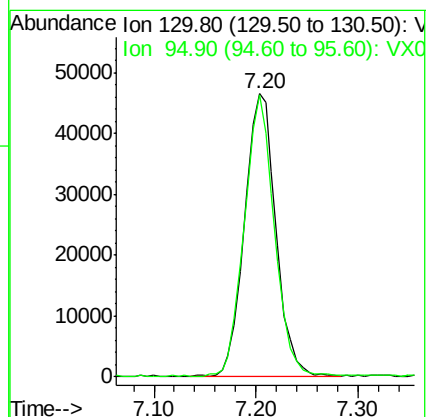
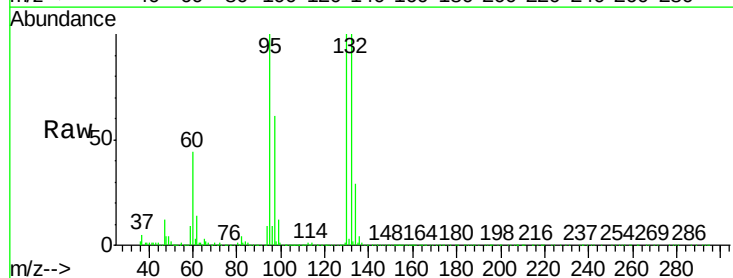
Acq: 31 Jan 2020 13:08

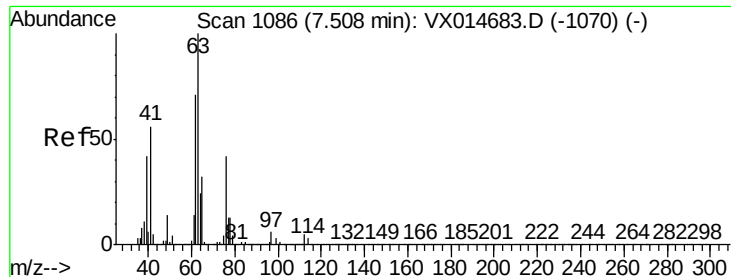
Tgt Ion: 130 Resp: 100074

Ion Ratio Lower Upper

130 100

95 99.4 0.0 179.8

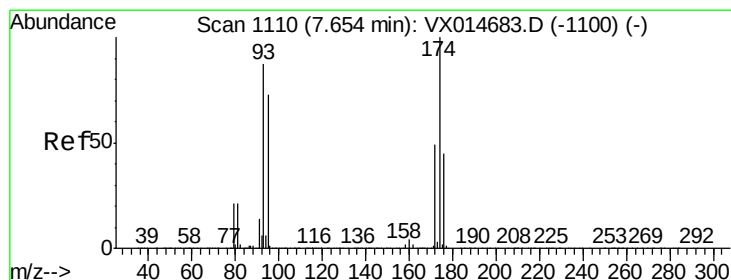
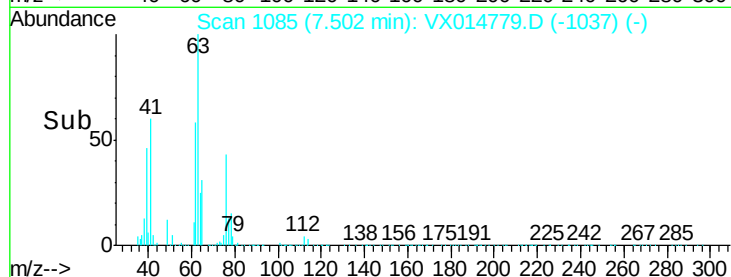
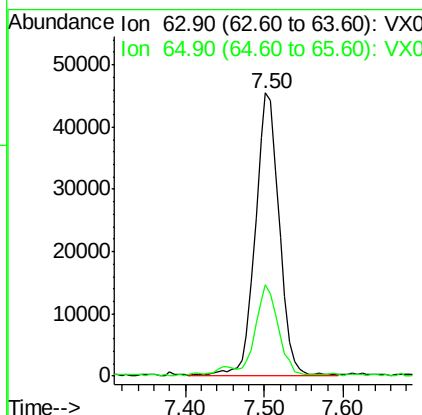
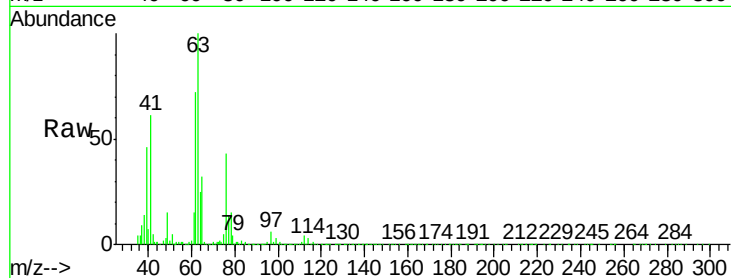




#45
 1,2-Dichloropropane
 Concen: 19.40 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

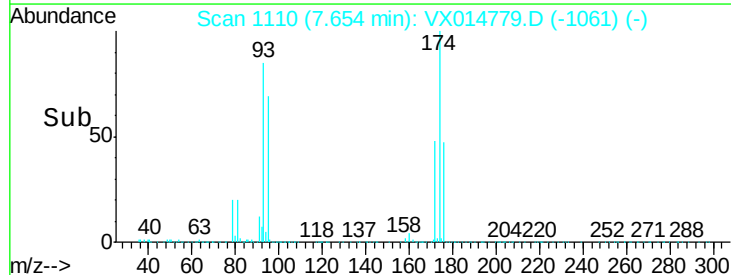
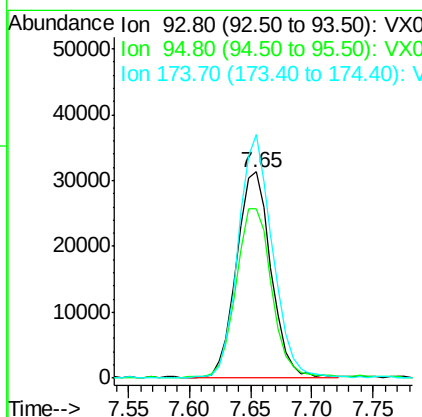
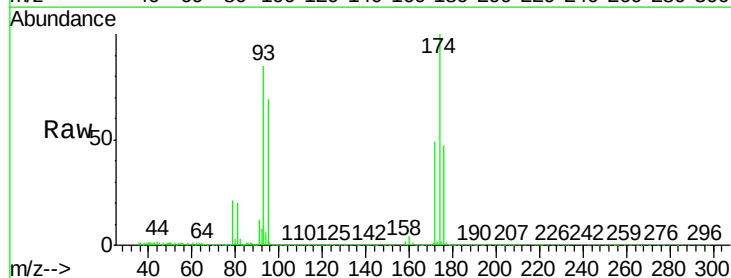
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0131WBSD02

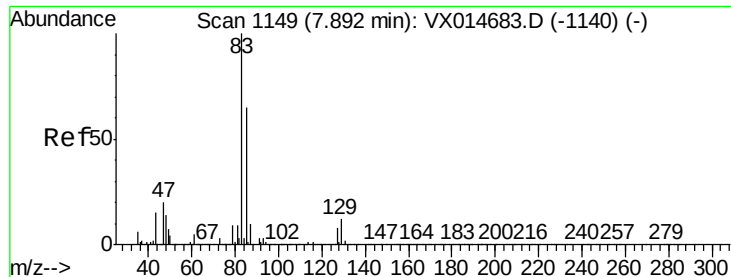
Tgt Ion: 63 Resp: 96363
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.2 37.8



#46
 Dibromomethane
 Concen: 18.97 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion: 93 Resp: 61013
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.0 100.4
 174 117.7 90.2 135.2





#47

Bromodichloromethane

Concen: 19.29 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

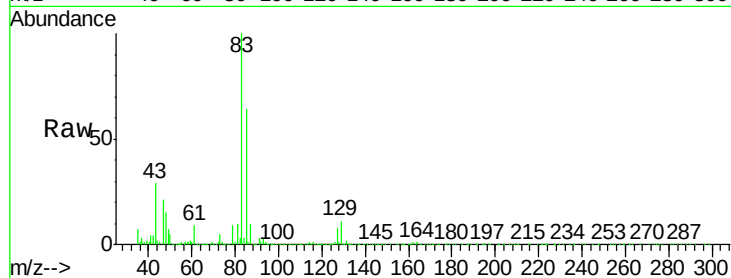
Tgt Ion: 83 Resp: 121713

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.2

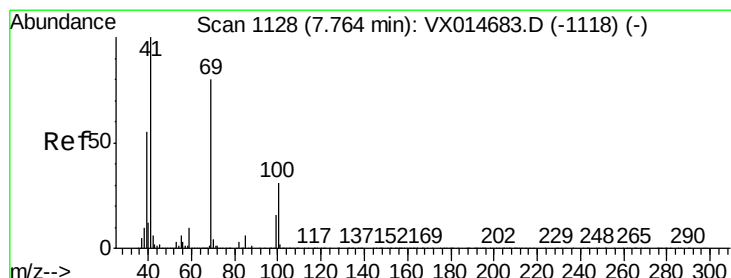
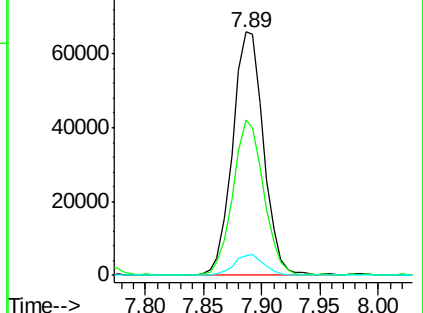
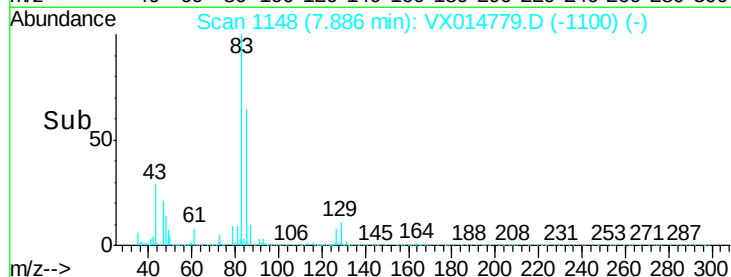
127 7.9 6.4 9.6



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: 18.17 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

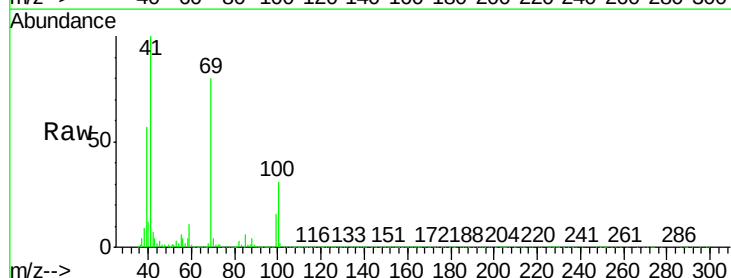
Tgt Ion: 41 Resp: 101586

Ion Ratio Lower Upper

41 100

69 81.7 63.5 95.3

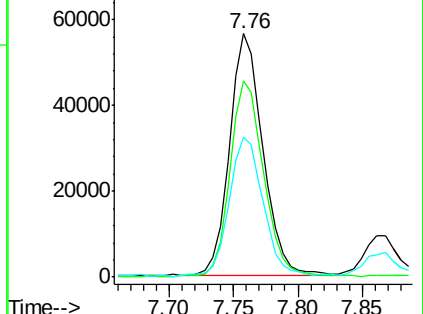
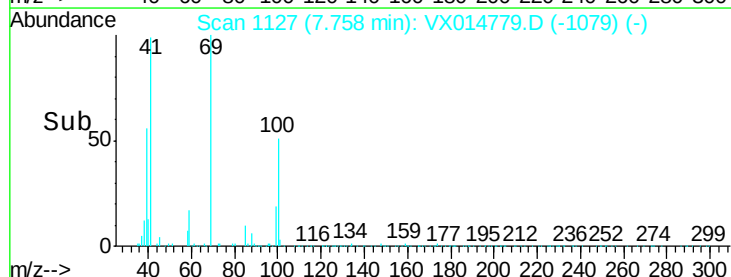
39 58.7 43.7 65.5

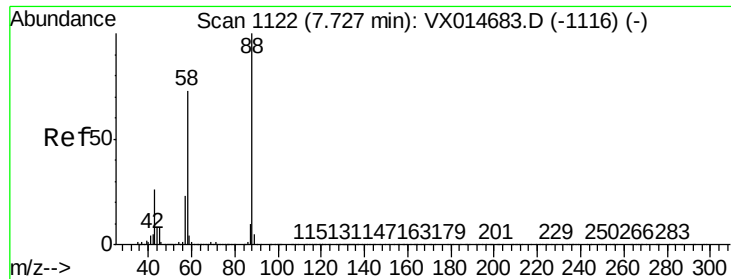


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 351.56 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

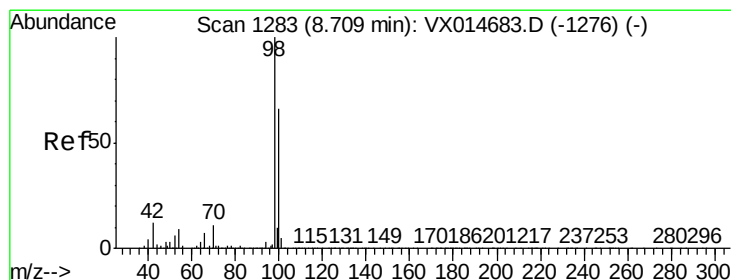
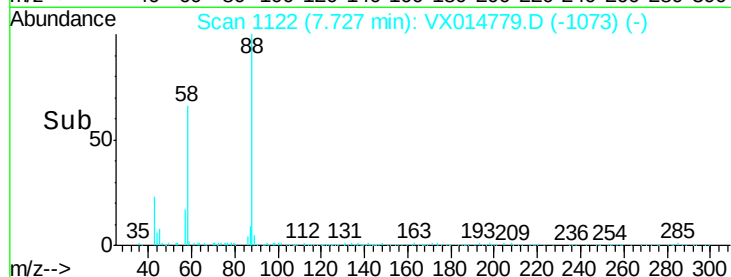
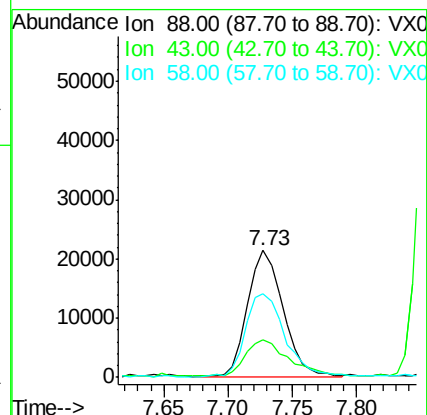
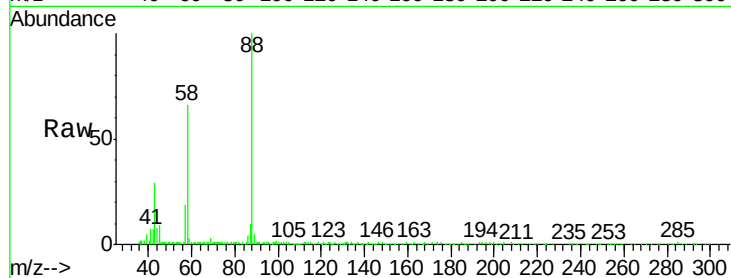
Tgt Ion: 88 Resp: 41673

Ion Ratio Lower Upper

88 100

43 33.6 26.2 39.2

58 73.3 56.6 85.0



#50

Toluene-d8

Concen: 49.56 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014779.D

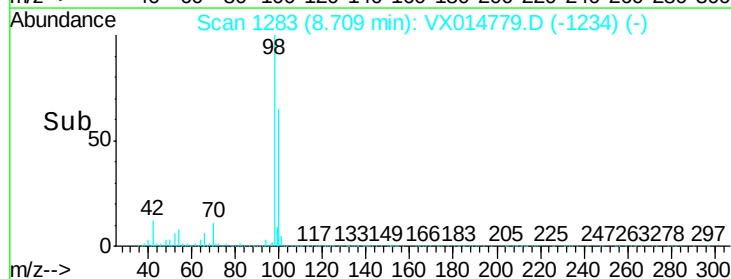
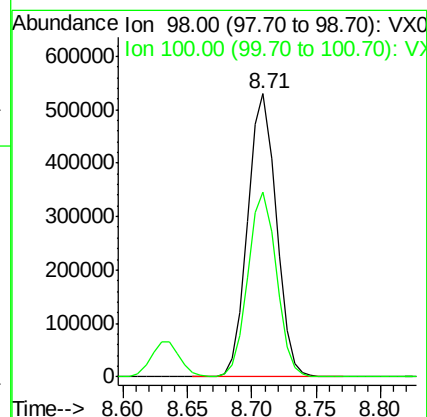
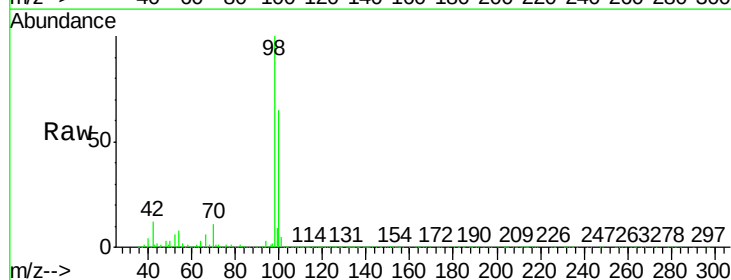
Acq: 31 Jan 2020 13:08

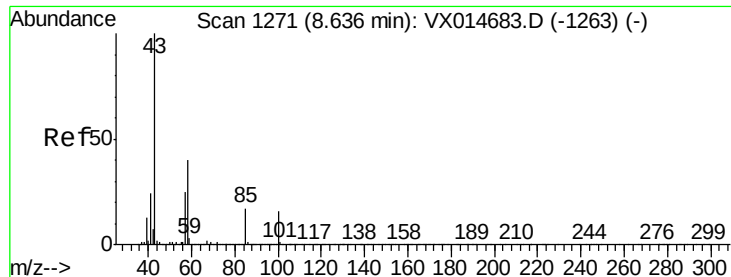
Tgt Ion: 98 Resp: 807388

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6

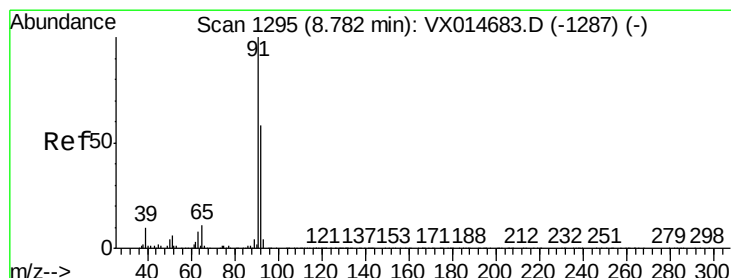
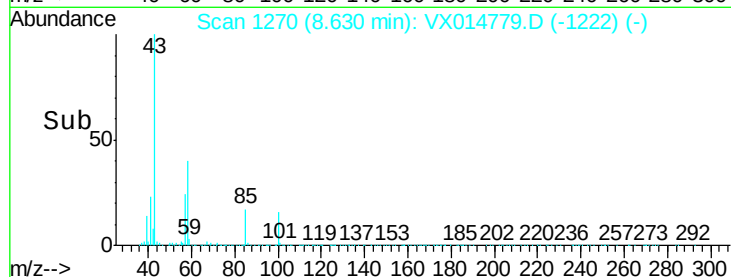
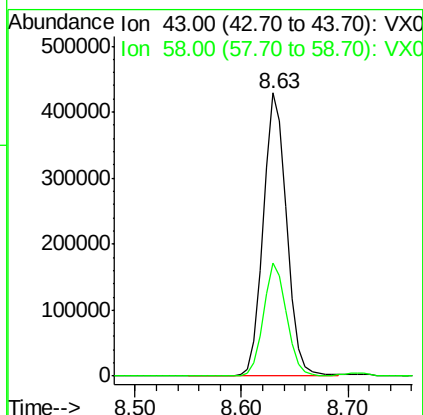
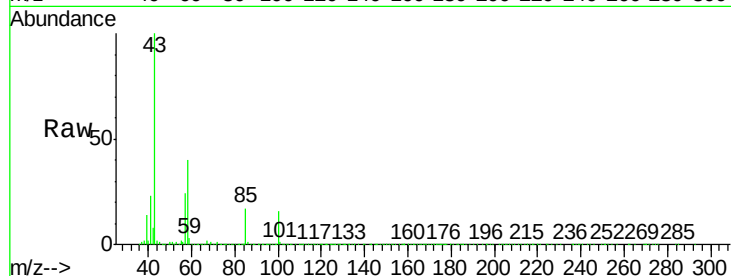




#51
 4-Methyl-2-Pentanone
 Concen: 89.42 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

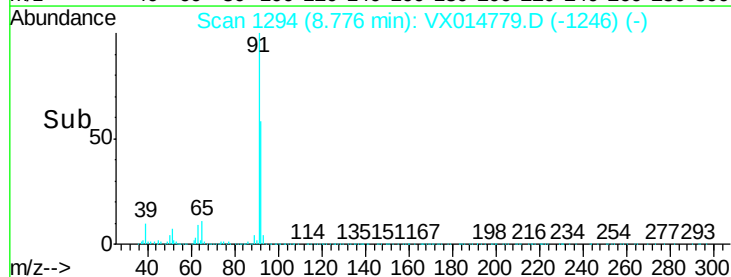
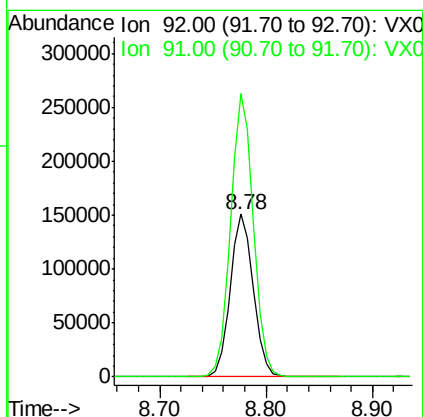
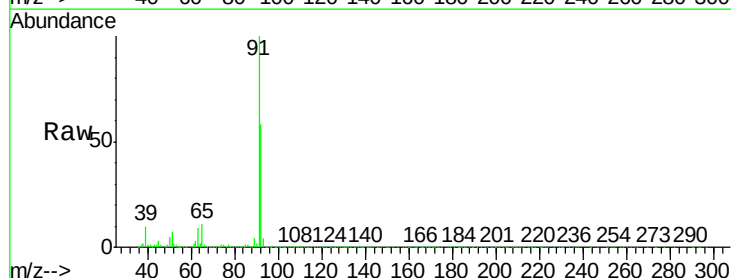
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

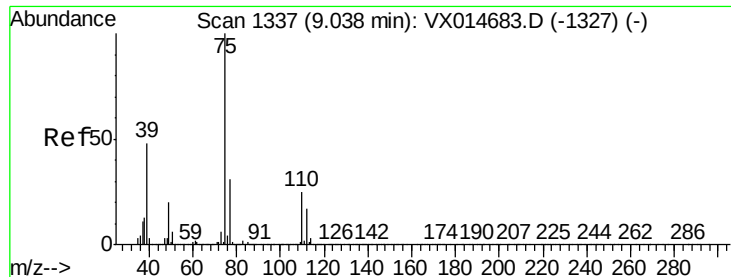
Tgt Ion: 43 Resp: 660528
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4



#52
 Toluene
 Concen: 19.23 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion: 92 Resp: 227967
 Ion Ratio Lower Upper
 92 100
 91 172.4 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.36 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

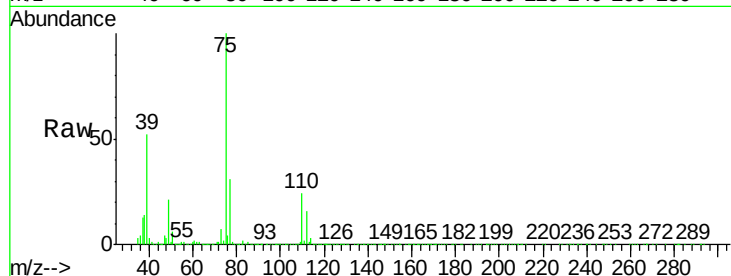
VX0131WBSD02

Tgt Ion: 75 Resp: 131555

Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

100000

80000

60000

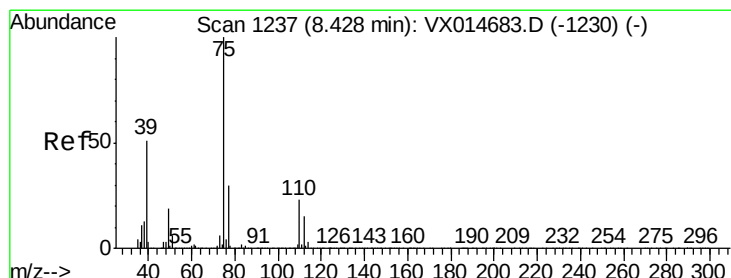
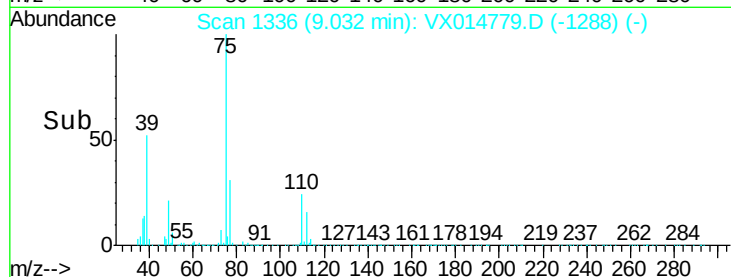
40000

20000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

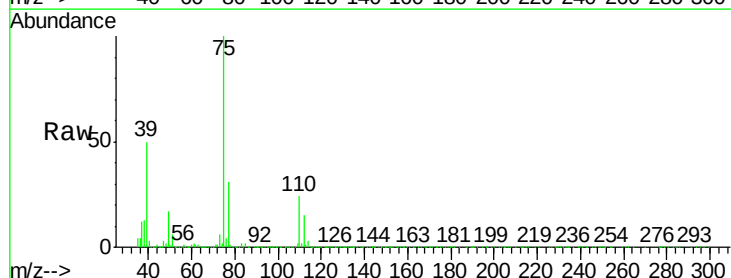
Tgt Ion: 75 Resp: 148665

Ion Ratio Lower Upper

75 100

77 30.5 23.9 35.9

39 50.1 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

120000

100000

80000

60000

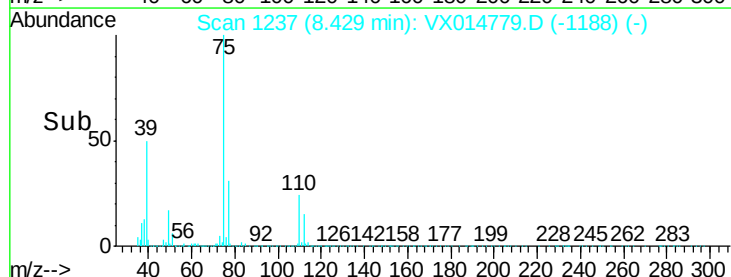
40000

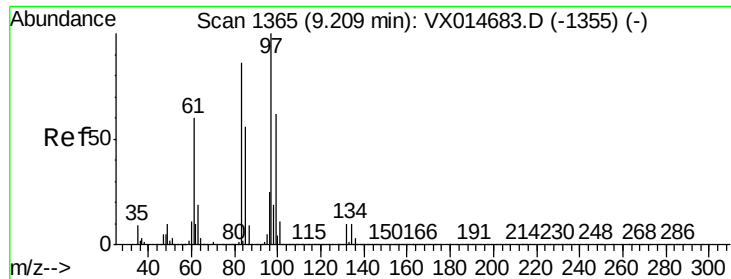
20000

0

8.35 8.40 8.45 8.50

Time-->

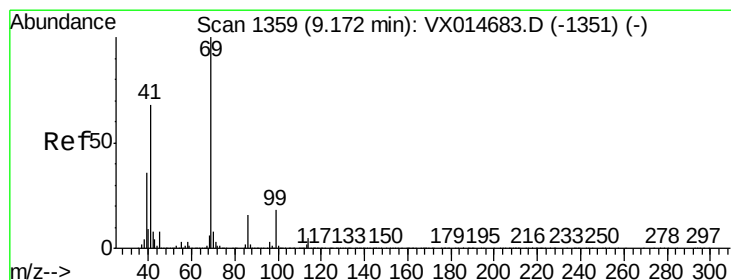
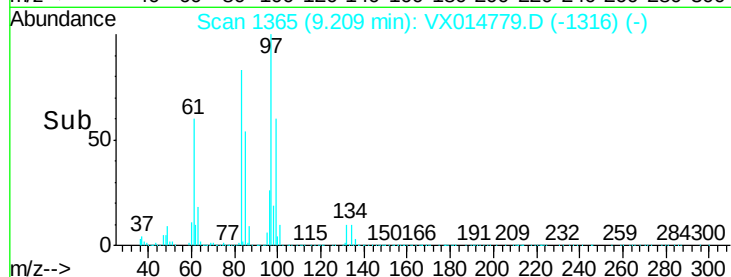
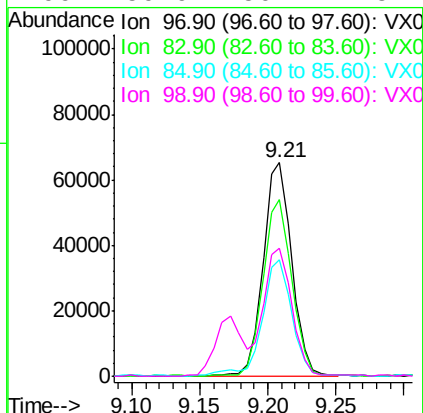
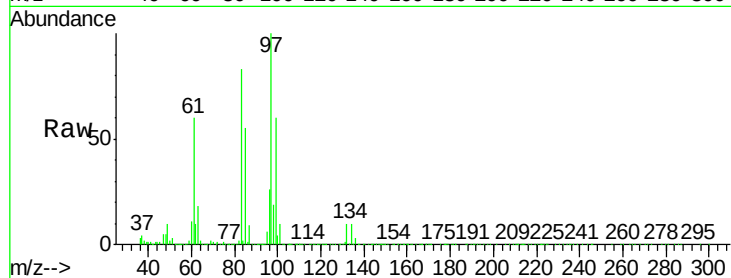




#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

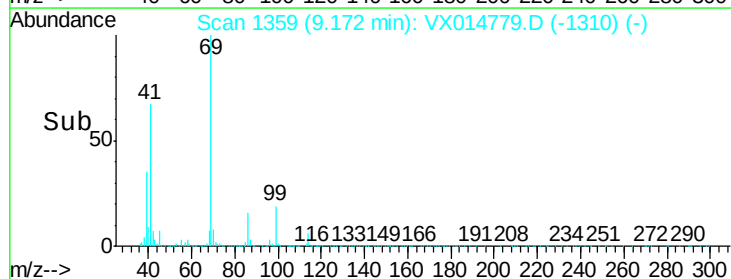
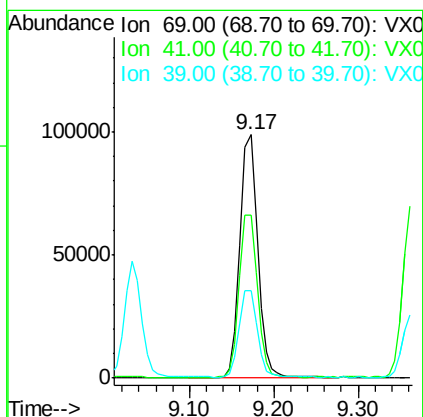
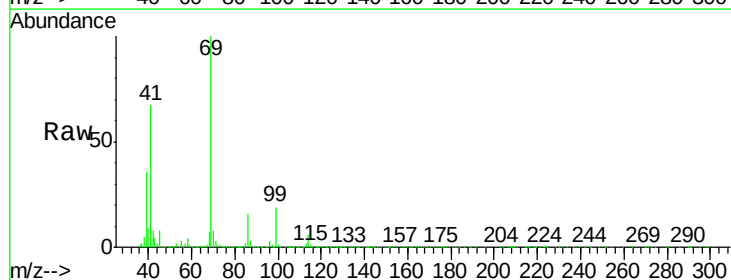
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

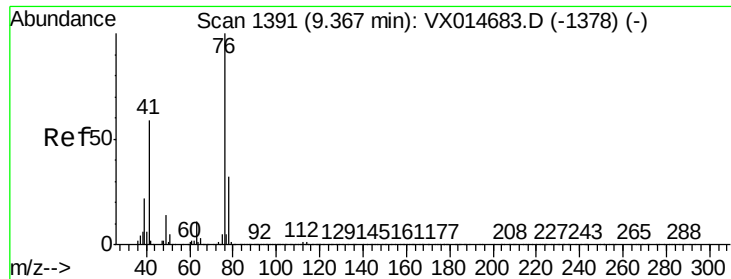
Tgt Ion:	97	Resp:	95988
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.2	103.8
85	54.4	44.6	67.0
99	59.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.19 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion:	69	Resp:	139982
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.9	82.3
39	36.1	29.3	43.9

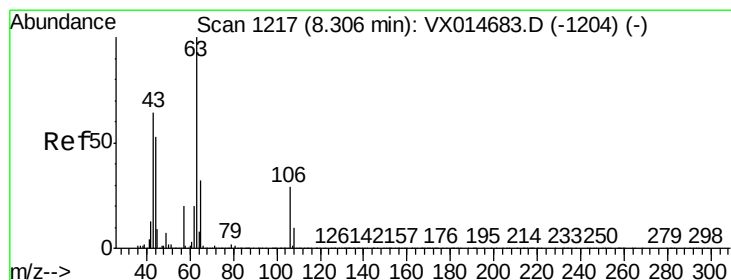
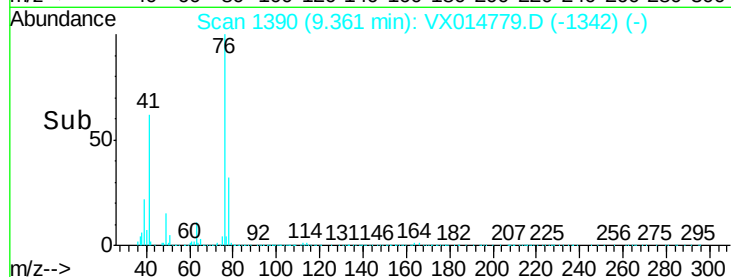
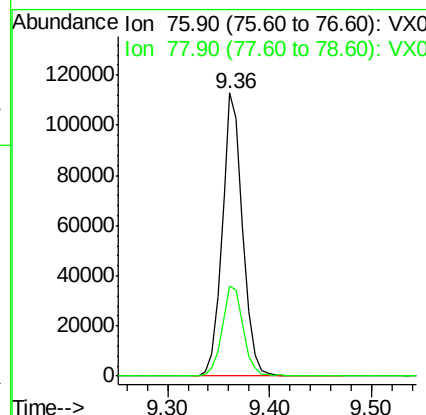
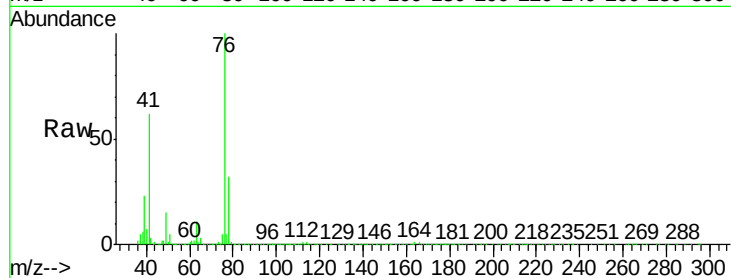




#57
 1,3-Dichloropropane
 Concen: 18.94 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

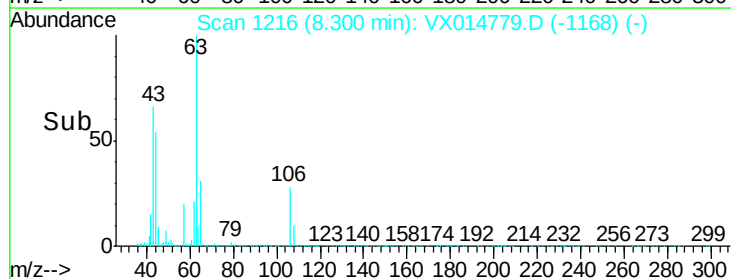
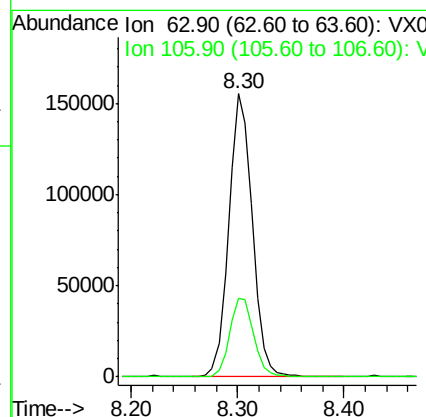
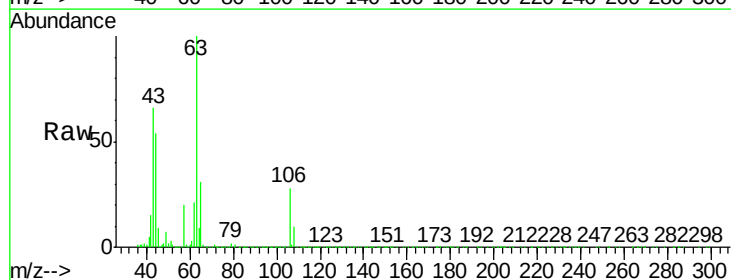
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

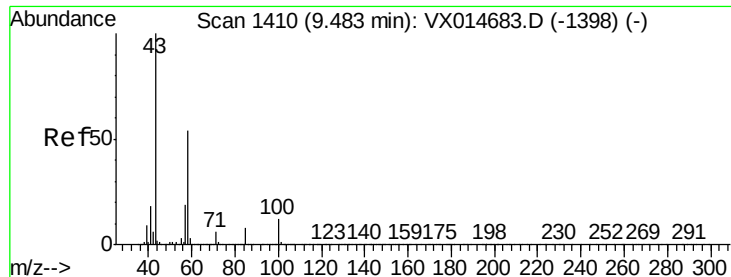
Tgt Ion: 76 Resp: 157143
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.99 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion: 63 Resp: 239139
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

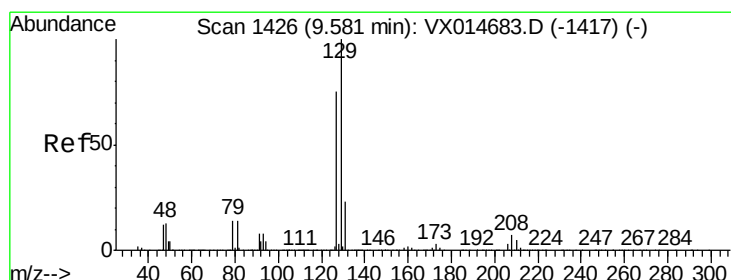
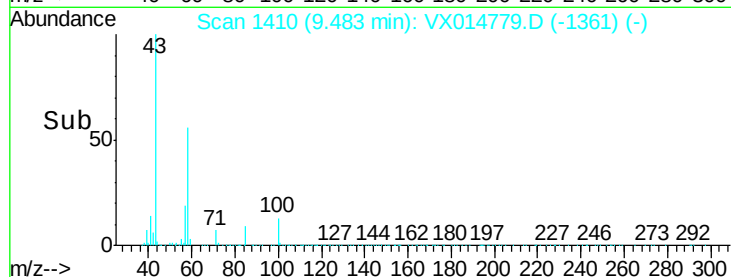
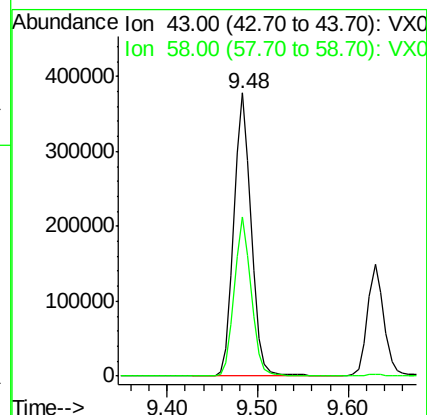
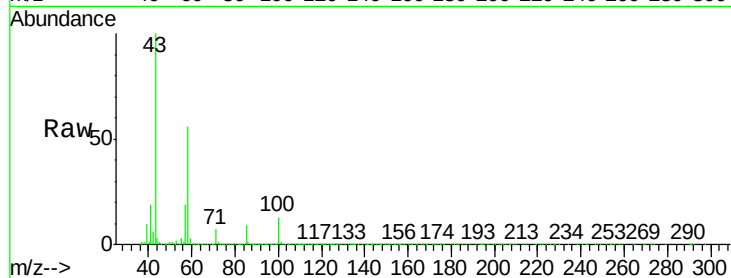




#59
2-Hexanone
Concen: 87.50 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

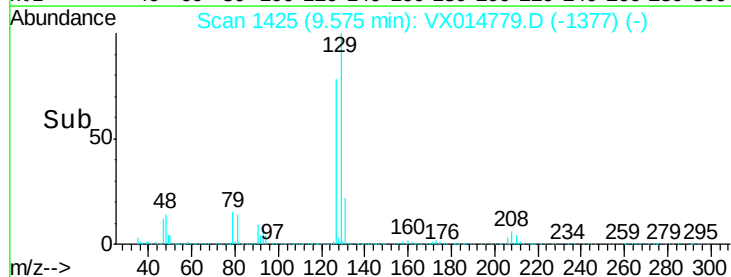
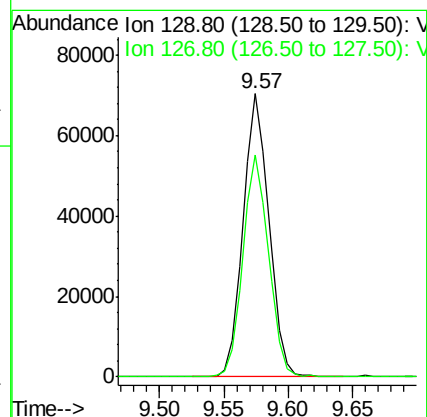
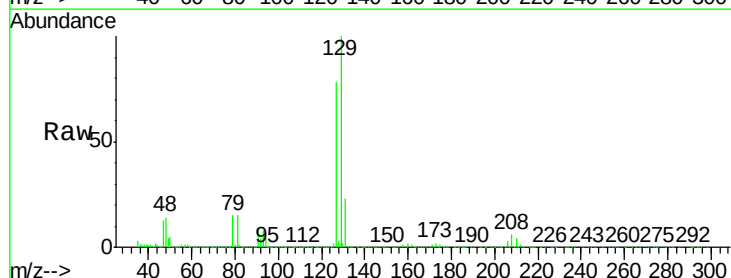
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

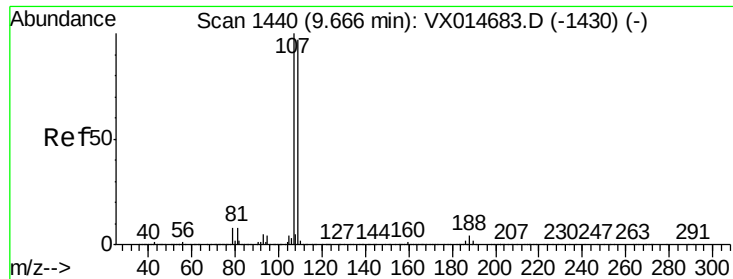
Tgt Ion: 43 Resp: 501590
Ion Ratio Lower Upper
43 100
58 55.0 27.2 81.5



#60
Dibromochloromethane
Concen: 19.33 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 129 Resp: 97891
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.81 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

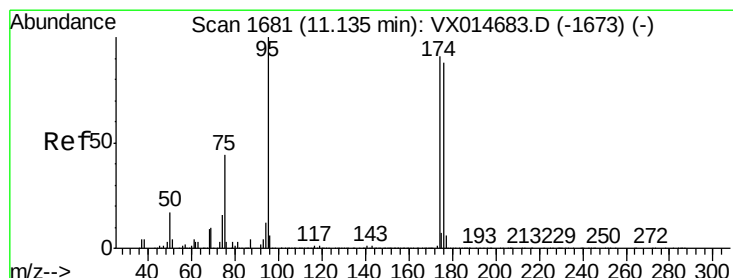
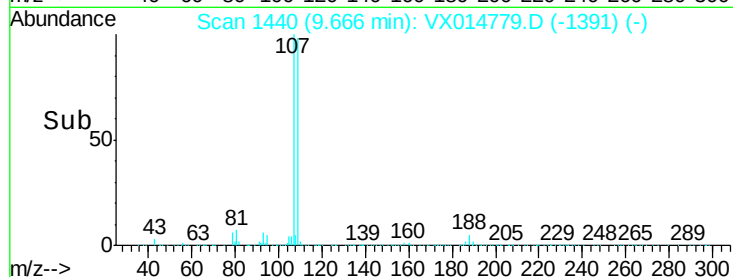
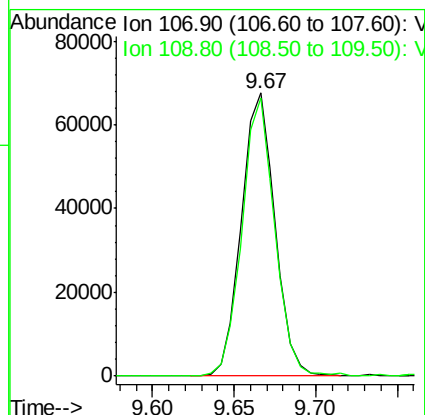
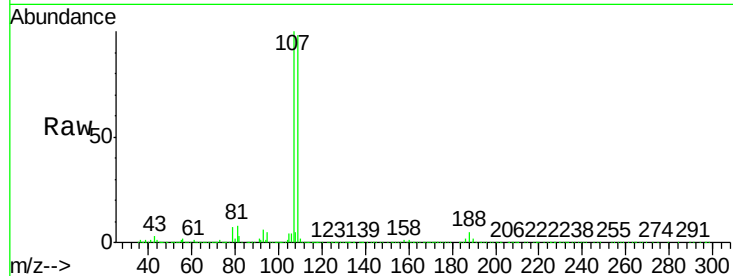
VX0131WBSD02

Tgt Ion: 107 Resp: 96483

Ion Ratio Lower Upper

107 100

109 95.9 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 48.87 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

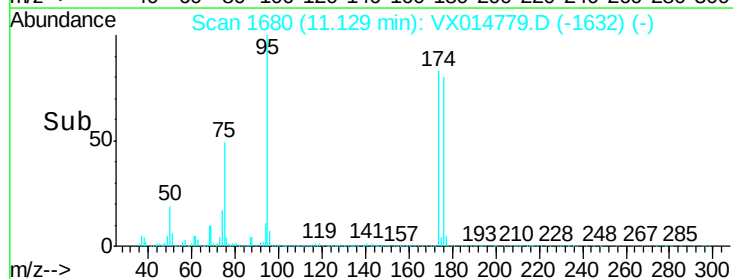
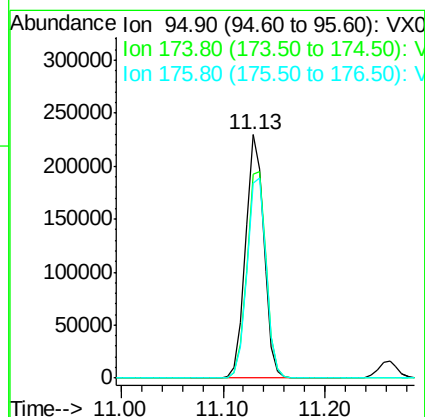
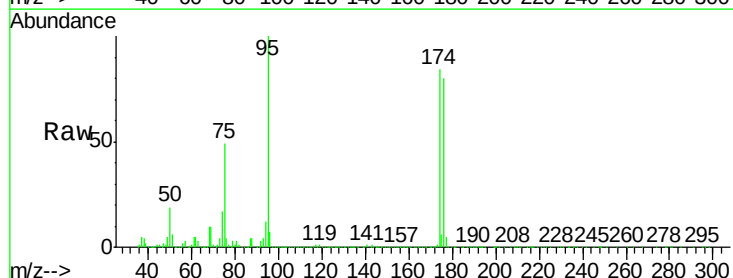
Tgt Ion: 95 Resp: 283633

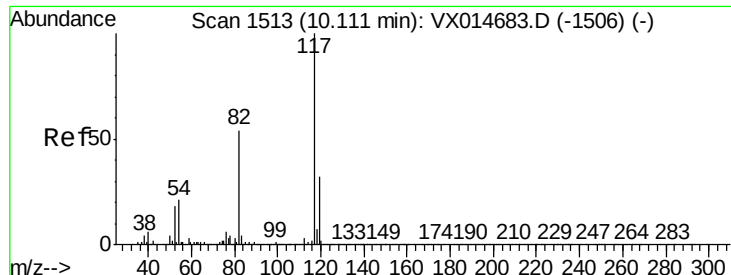
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.0

176 86.5 0.0 172.2

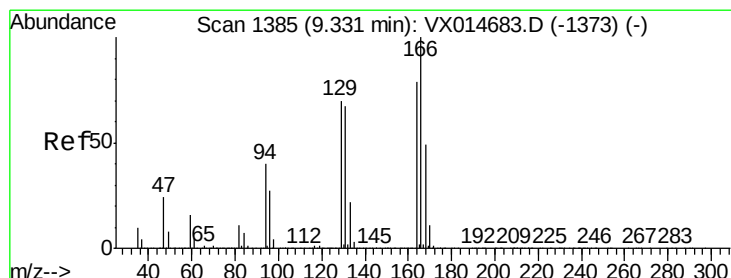
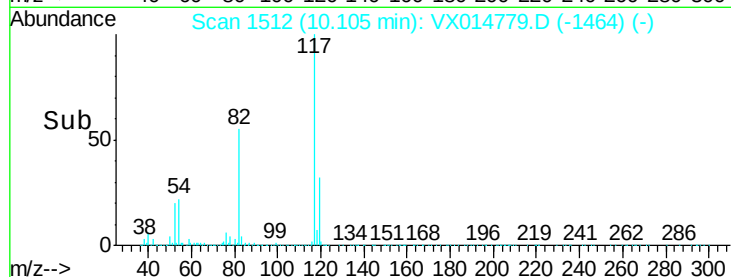
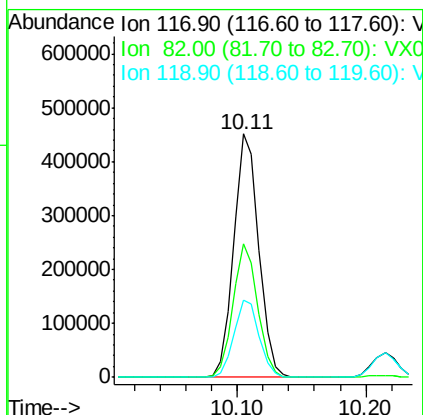
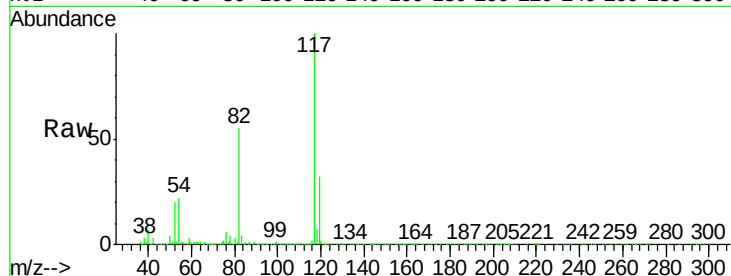




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

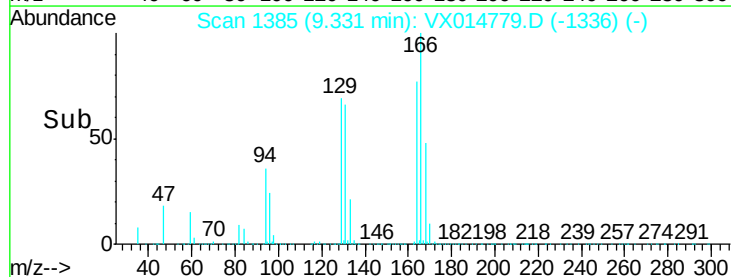
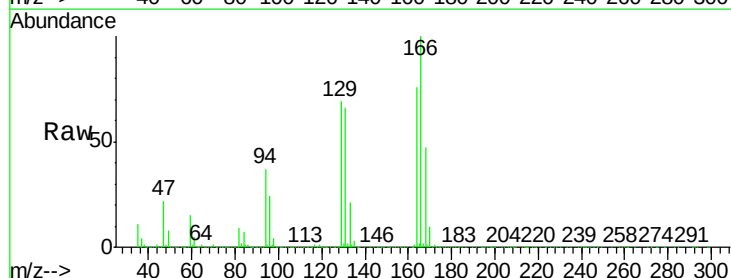
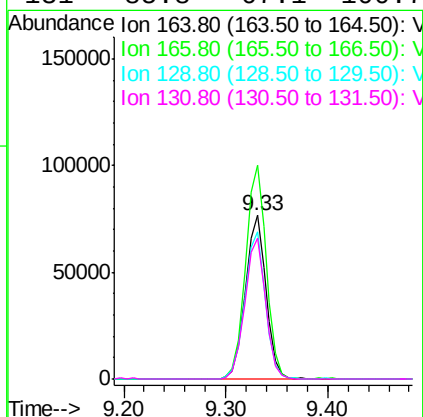
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

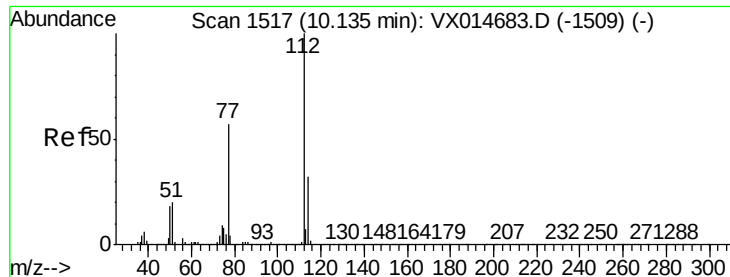
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.2	64.8
119	31.6	25.8	38.6



#64
Tetrachloroethene
Concen: 17.86 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.9	151.3
129	90.1	71.0	106.6
131	85.8	67.1	100.7





#65

Chlorobenzene

Concen: 18.85 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

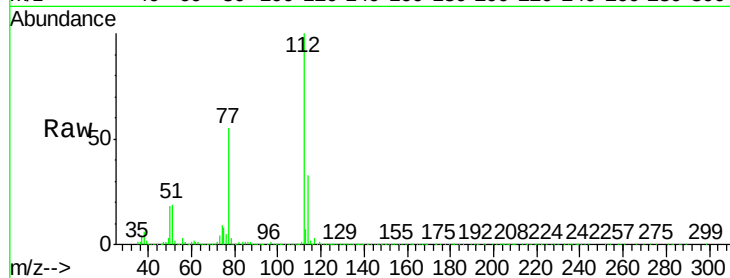
VX0131WBSD02

Tgt Ion:112 Resp: 245509

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

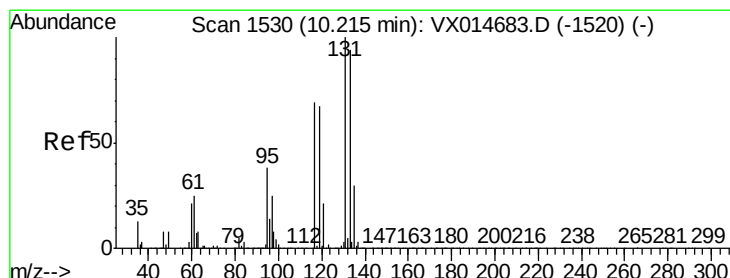
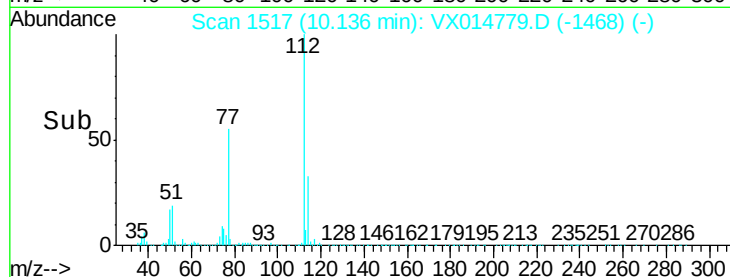
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.20 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

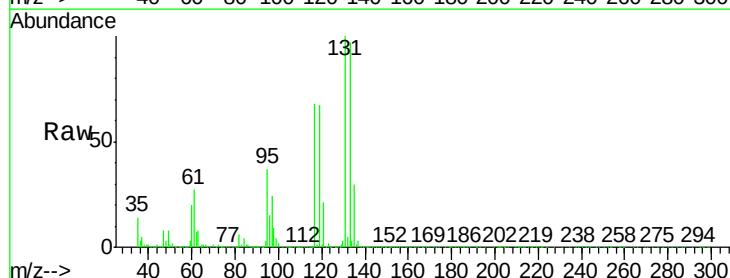
Tgt Ion:131 Resp: 92246

Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.3

119 64.9 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

150000

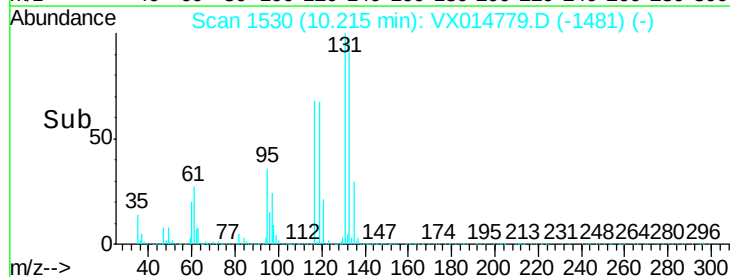
100000

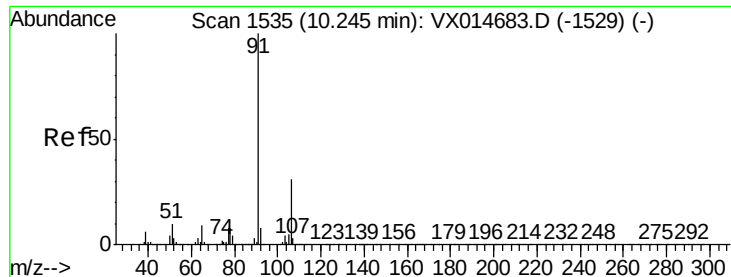
50000

0

10.20 10.21 10.22

Time-->

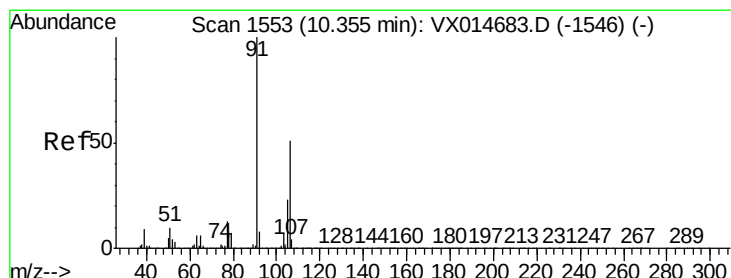
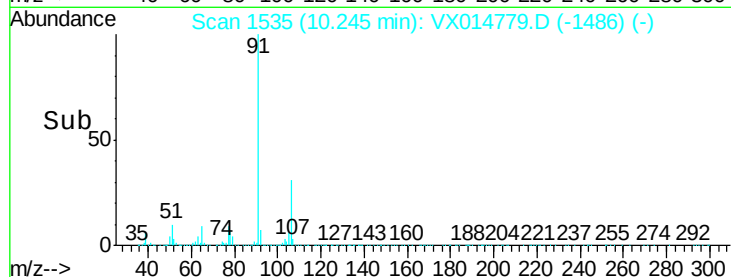
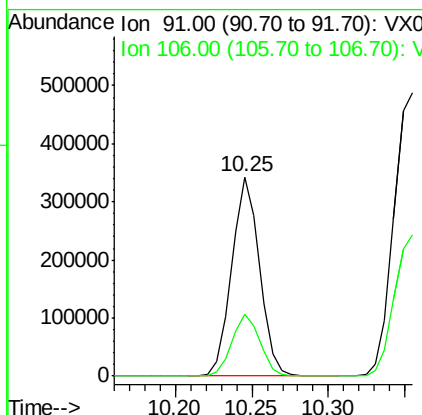
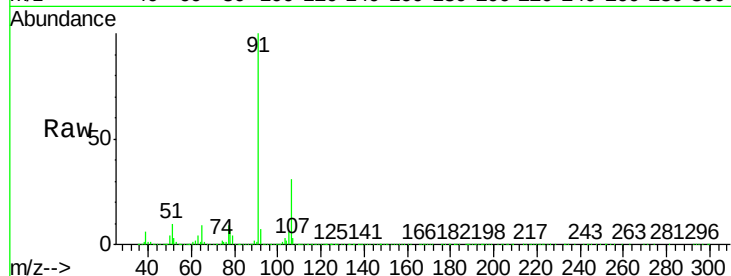




#67
Ethyl Benzene
Concen: 19.38 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

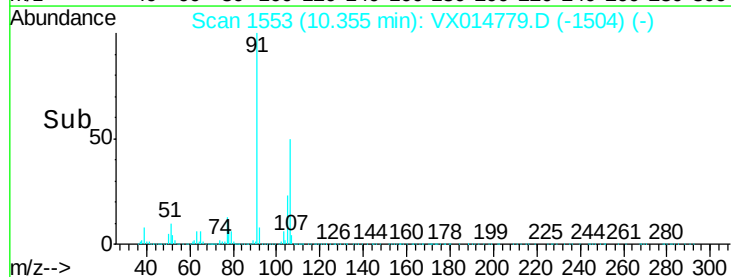
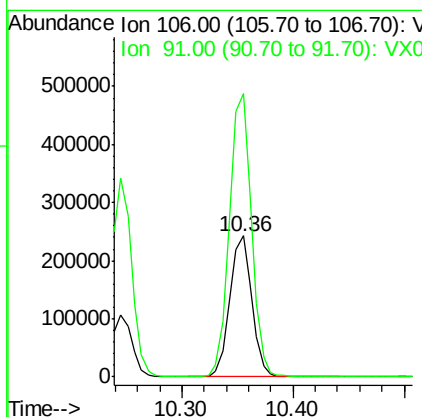
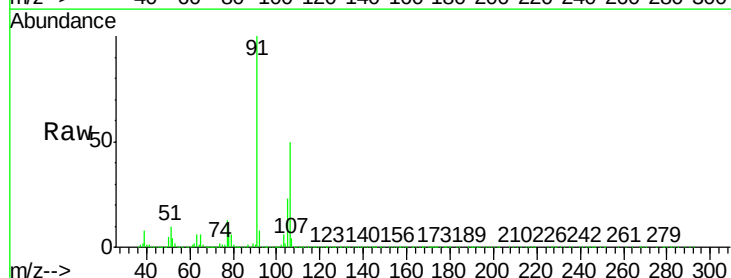
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

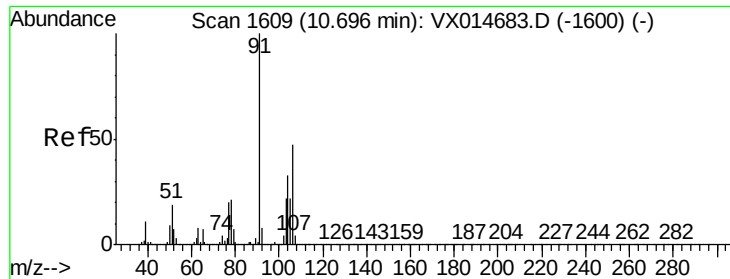
Tgt Ion: 91 Resp: 431093
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 39.34 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 106 Resp: 331527
Ion Ratio Lower Upper
106 100
91 201.6 159.4 239.2

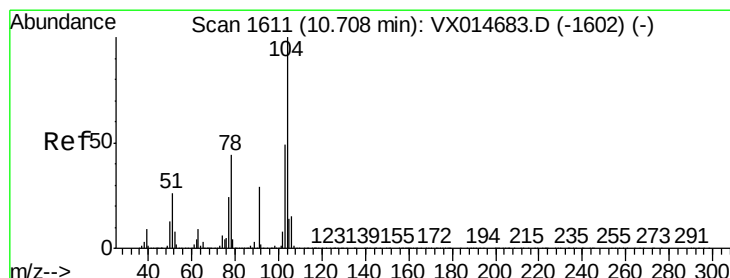
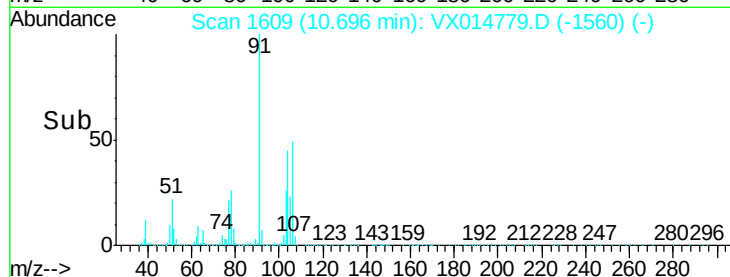
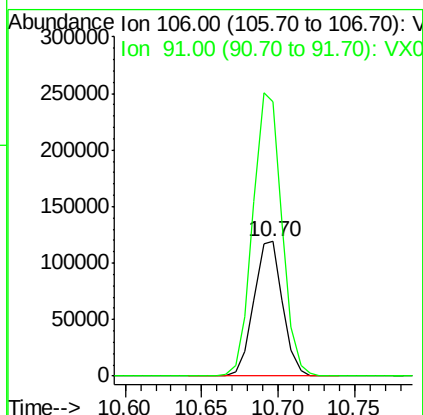
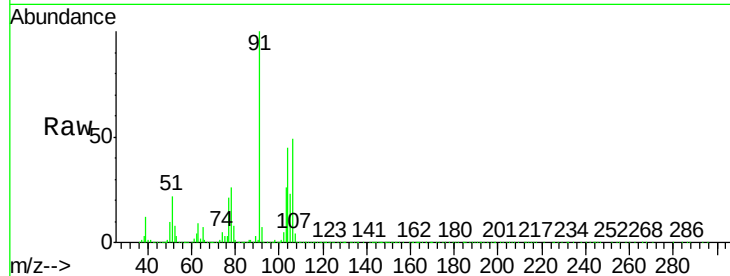




#69
o-Xylene
Concen: 19.13 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

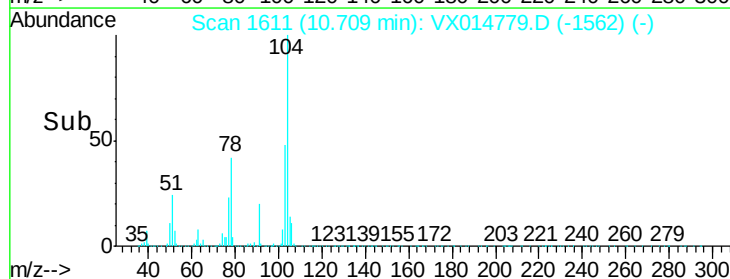
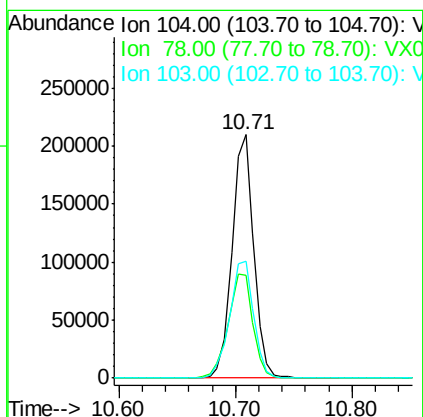
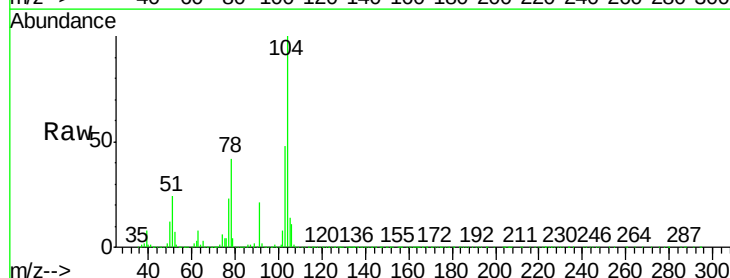
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

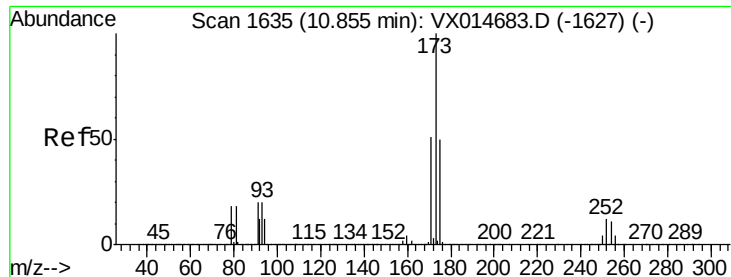
Tgt Ion:106 Resp: 155601
Ion Ratio Lower Upper
106 100
91 212.7 106.2 318.6



#70
Styrene
Concen: 19.88 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion:104 Resp: 271276
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 54.0 43.5 65.3





#71

Bromoform

Concen: 18.67 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

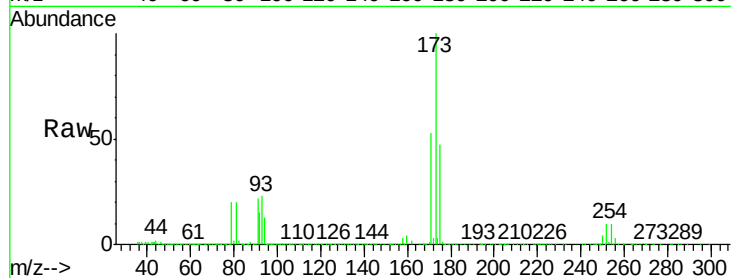
Tgt Ion:173 Resp: 71314

Ion Ratio Lower Upper

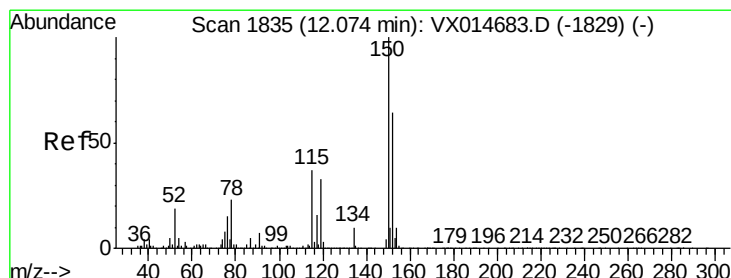
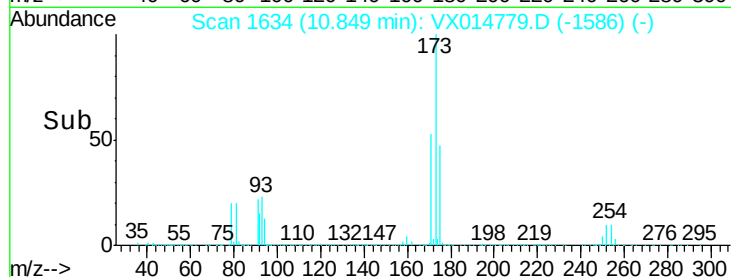
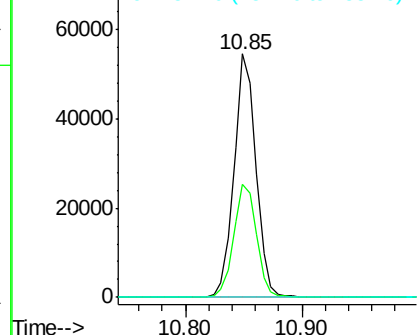
173 100

175 48.3 24.6 73.6

254 0.5 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: VX014779.D

Acq: 31 Jan 2020 13:08

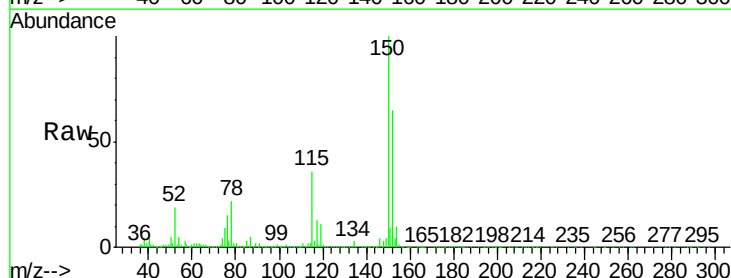
Tgt Ion:152 Resp: 309130

Ion Ratio Lower Upper

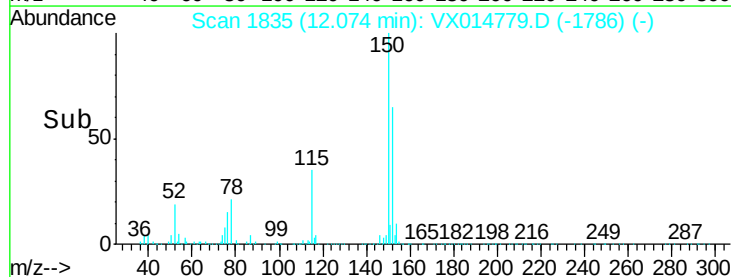
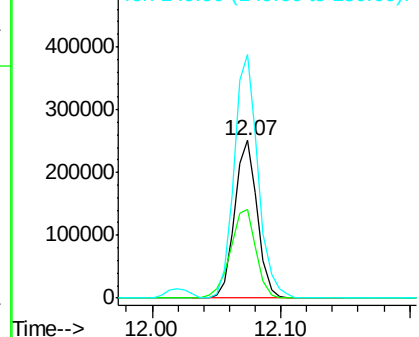
152 100

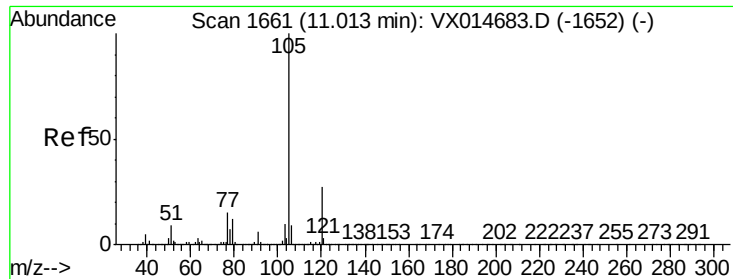
115 64.2 39.4 118.1

150 162.4 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

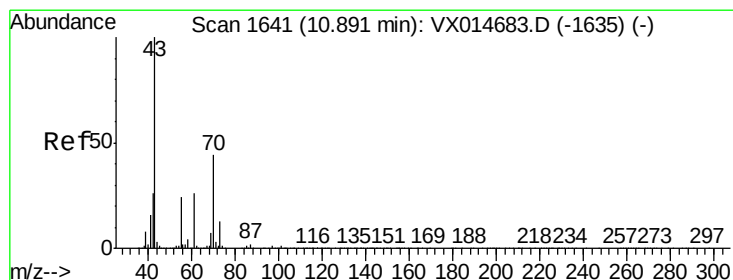
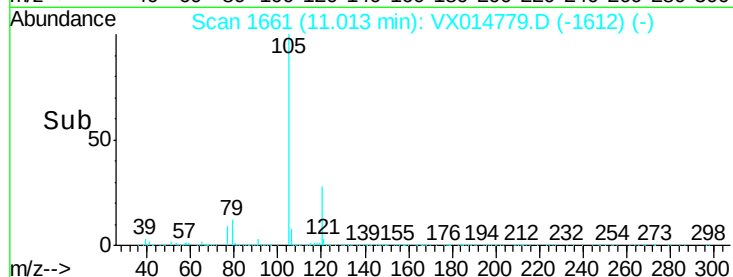
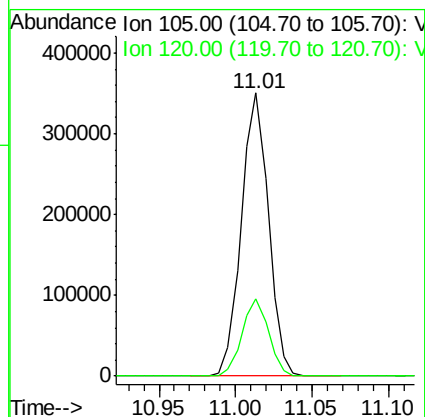
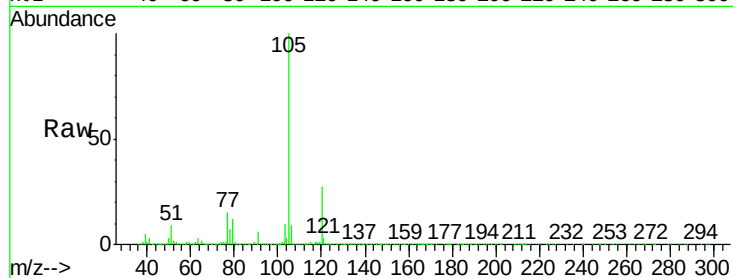




#73
Isopropylbenzene
Concen: 19.81 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

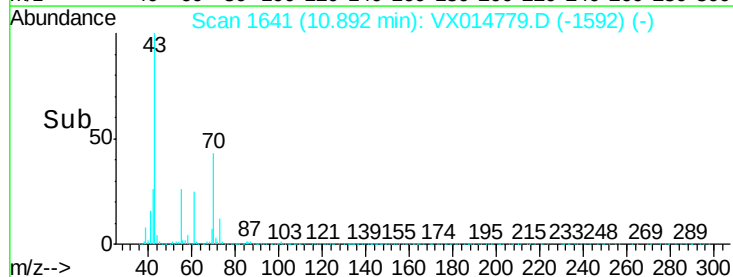
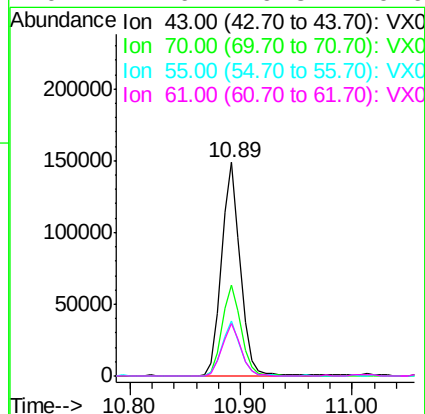
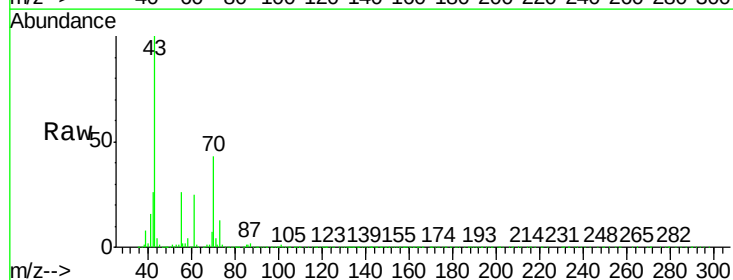
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

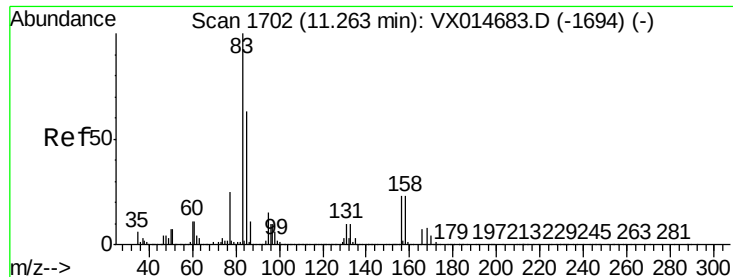
Tgt Ion: 105 Resp: 430587
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 18.35 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 43 Resp: 174736
Ion Ratio Lower Upper
43 100
70 42.8 34.6 52.0
55 24.9 19.4 29.2
61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.75 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

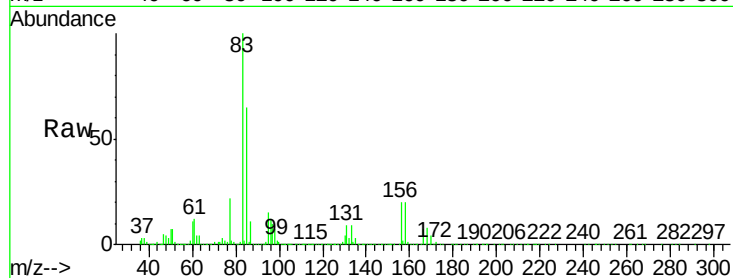
Tgt Ion: 83 Resp: 137770

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

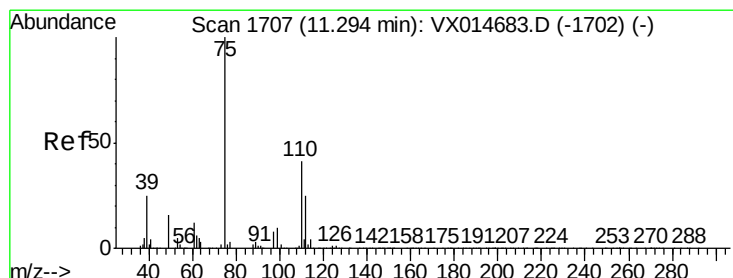
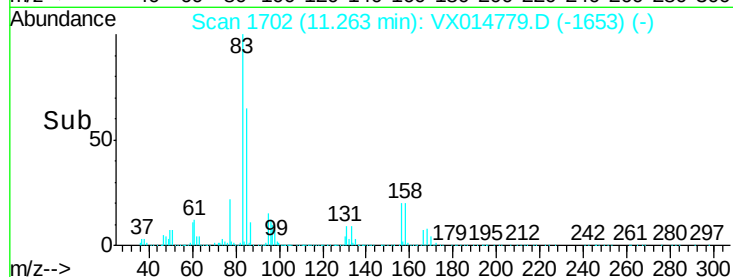
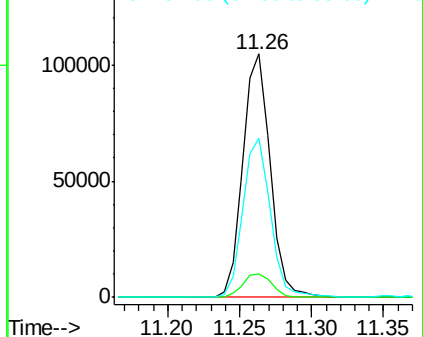
85 65.1 31.7 95.1



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: 21.44 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014779.D

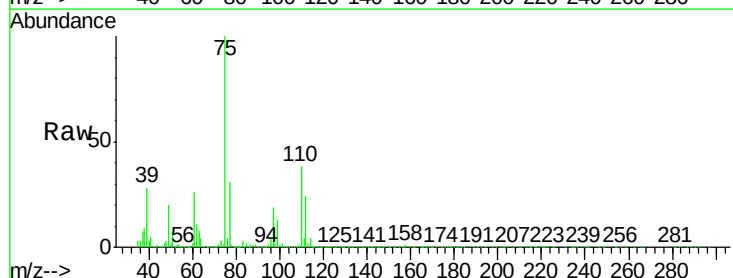
Acq: 31 Jan 2020 13:08

Tgt Ion: 75 Resp: 154178

Ion Ratio Lower Upper

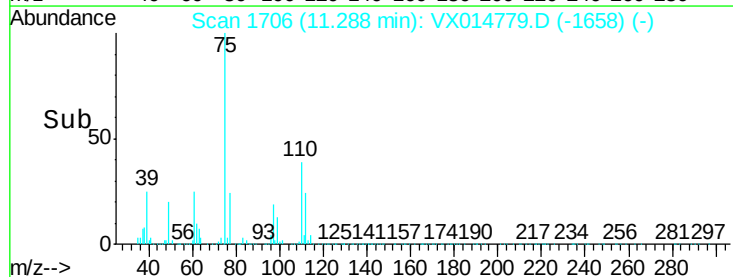
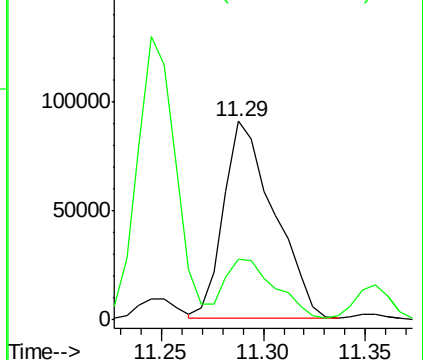
75 100

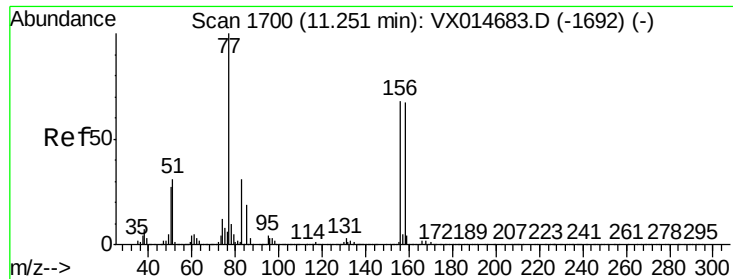
77 32.1 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.19 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

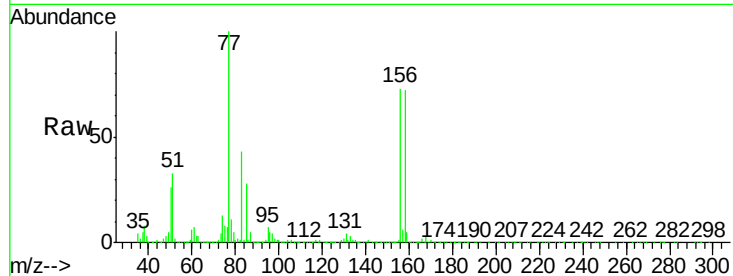
Tgt Ion:156 Resp: 112065

Ion Ratio Lower Upper

156 100

77 149.2 77.5 232.5

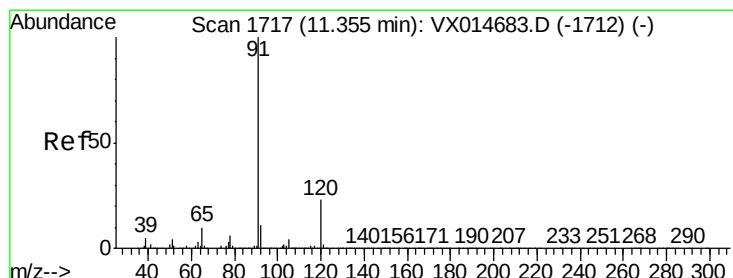
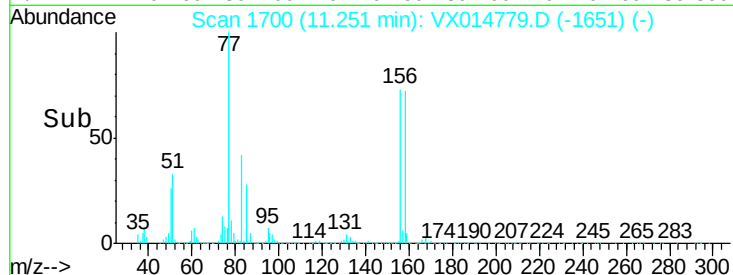
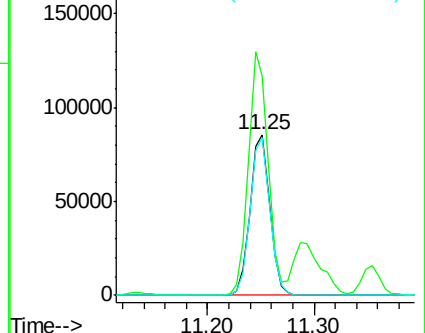
158 97.2 49.1 147.3



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: 19.62 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014779.D

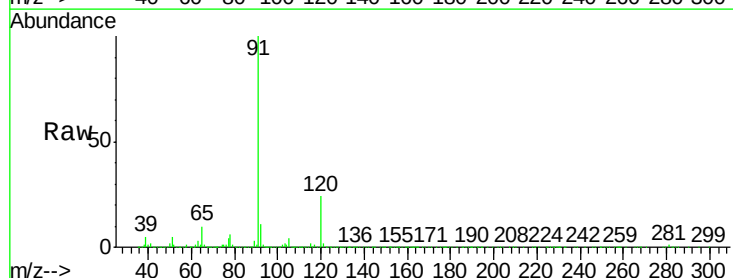
Acq: 31 Jan 2020 13:08

Tgt Ion: 91 Resp: 484023

Ion Ratio Lower Upper

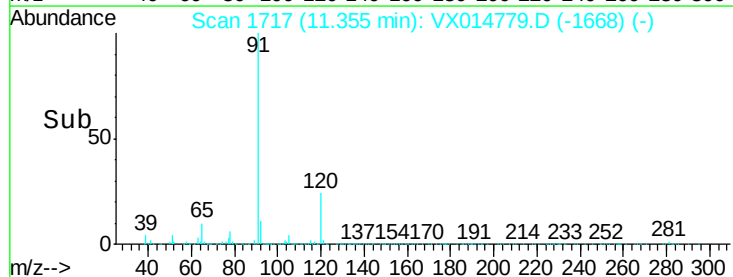
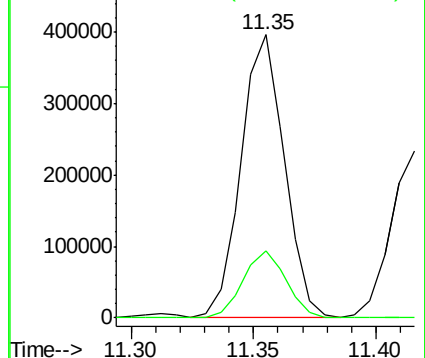
91 100

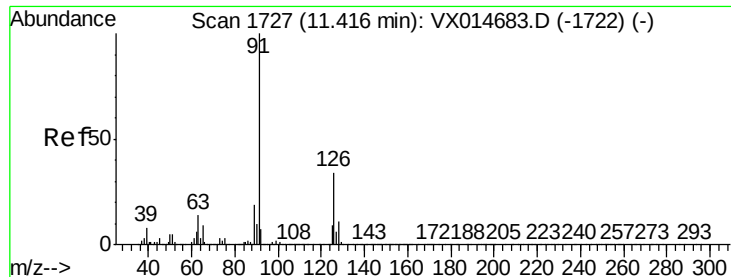
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

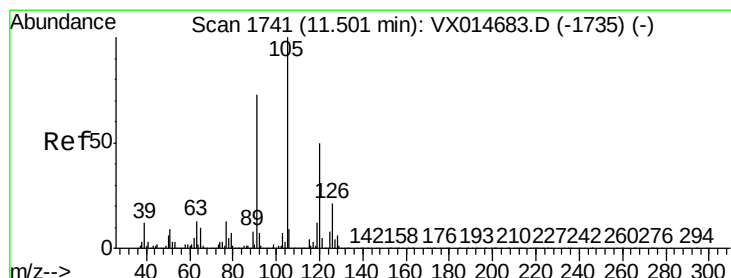
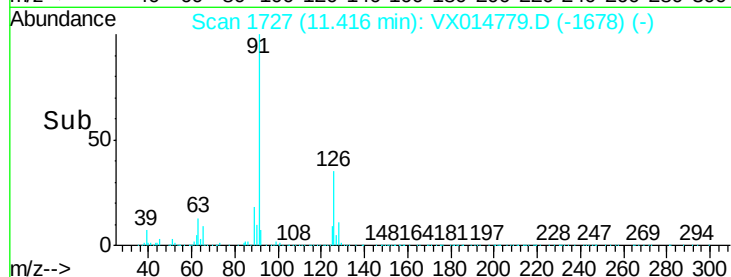
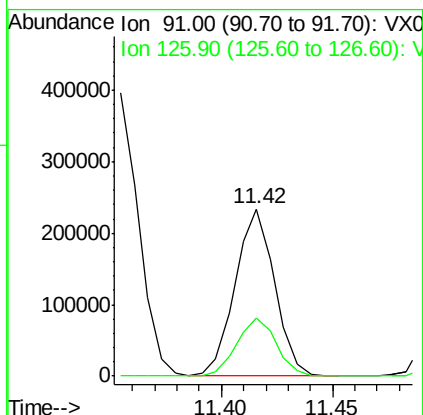
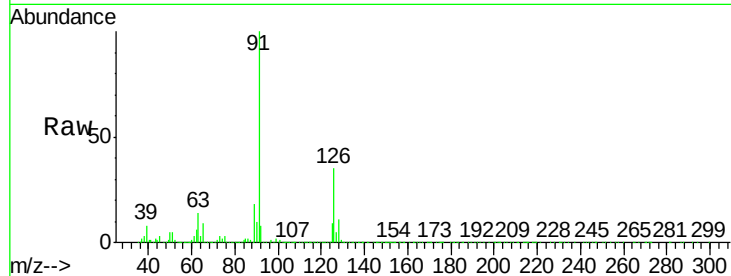




#79
 2-Chlorotoluene
 Concen: 19.21 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

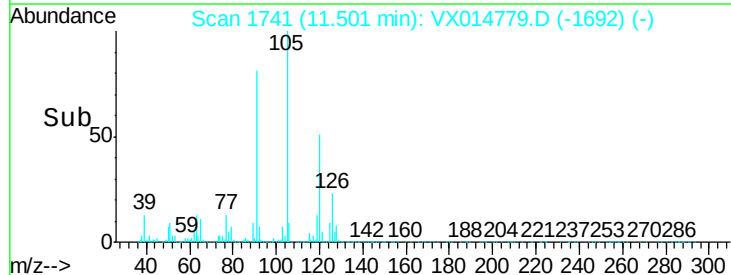
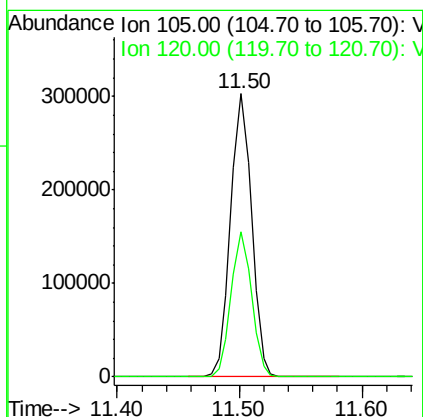
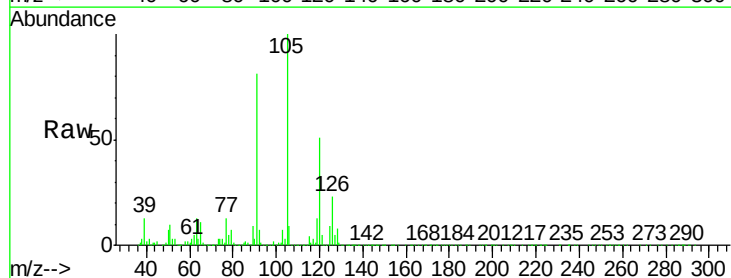
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

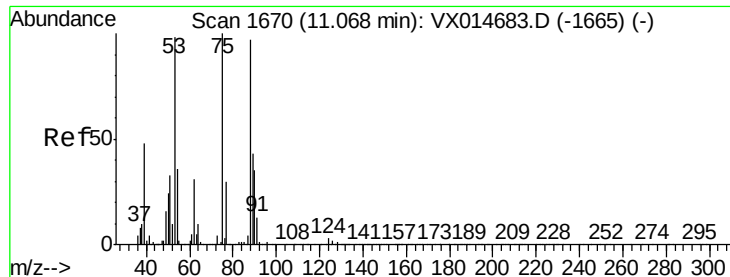
Tgt Ion: 91 Resp: 286842
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.89 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion: 105 Resp: 358829
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.81 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

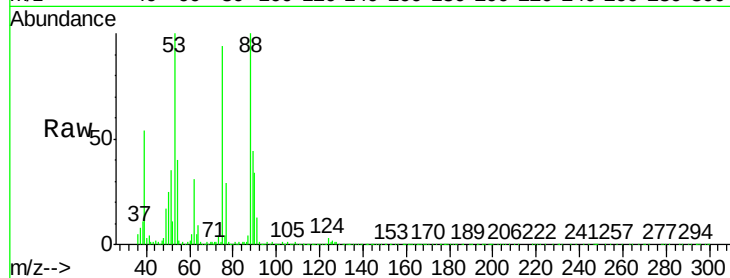
Tgt Ion: 75 Resp: 42496

Ion Ratio Lower Upper

75 100

53 105.2 78.8 118.2

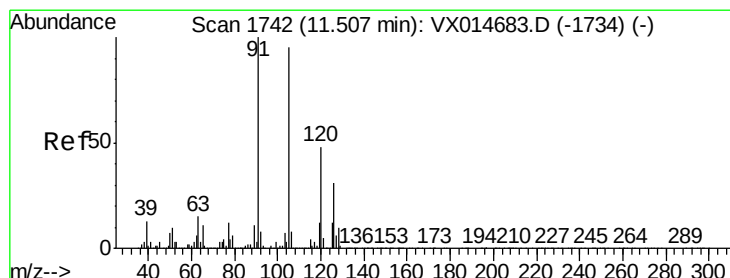
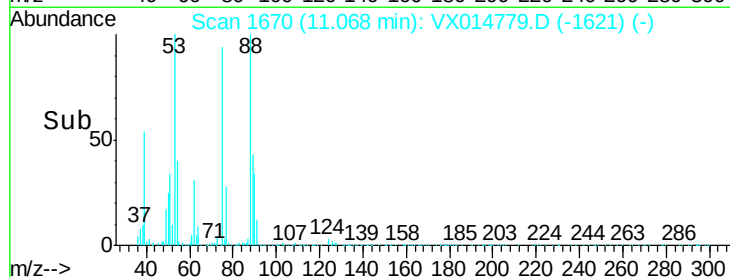
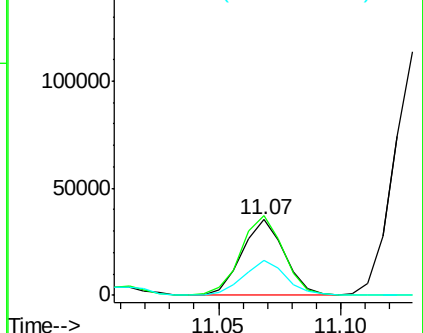
89 47.4 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.75 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014779.D

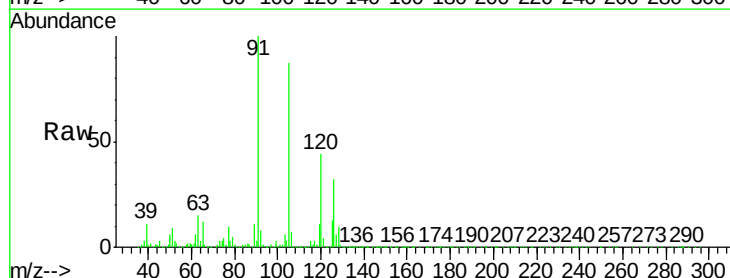
Acq: 31 Jan 2020 13:08

Tgt Ion: 91 Resp: 335572

Ion Ratio Lower Upper

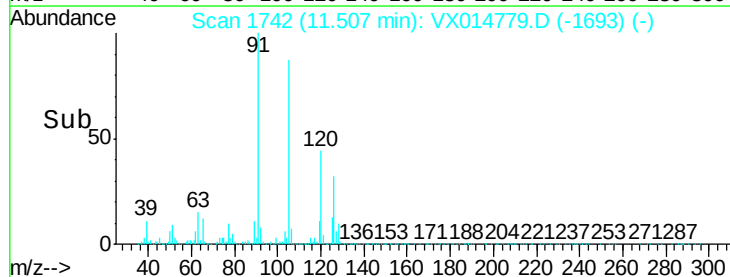
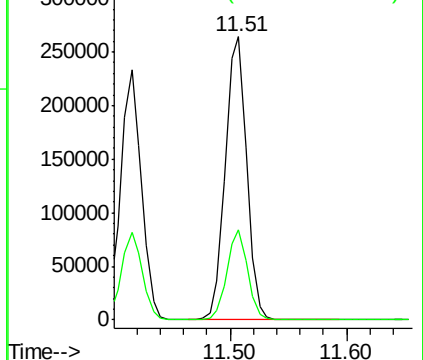
91 100

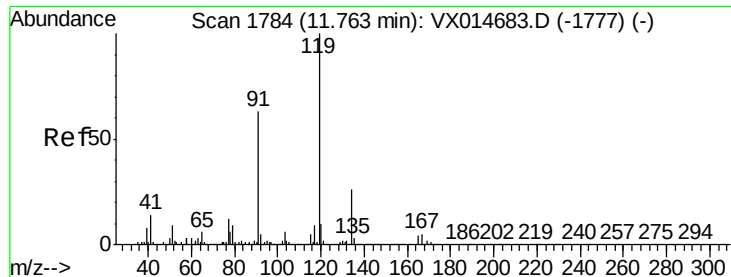
126 30.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

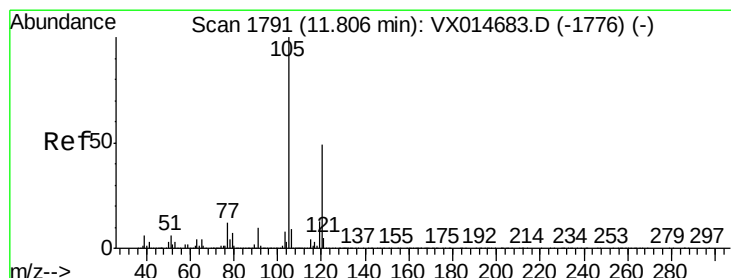
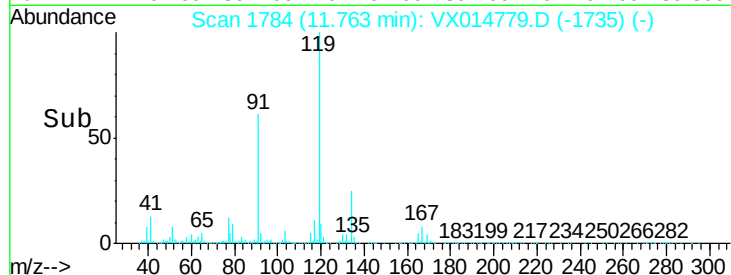
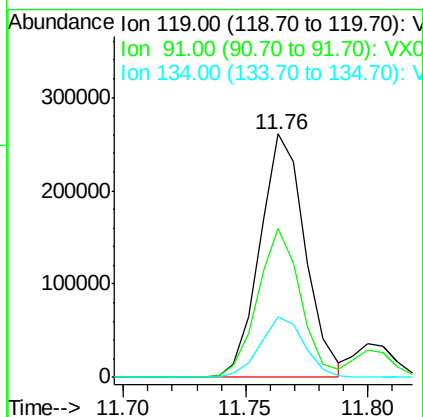
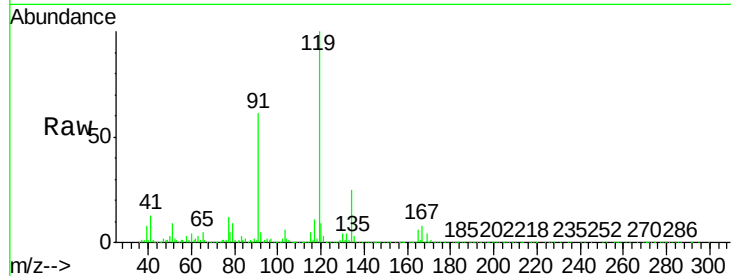




#83
 tert-Butylbenzene
 Concen: 19.94 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

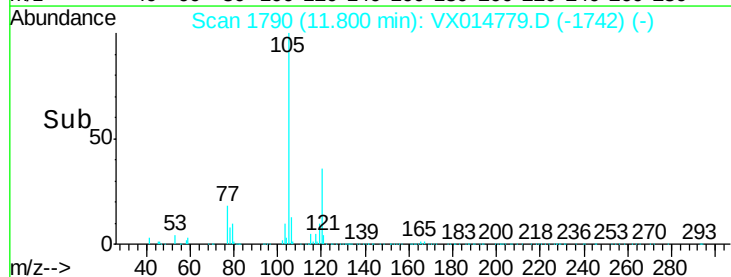
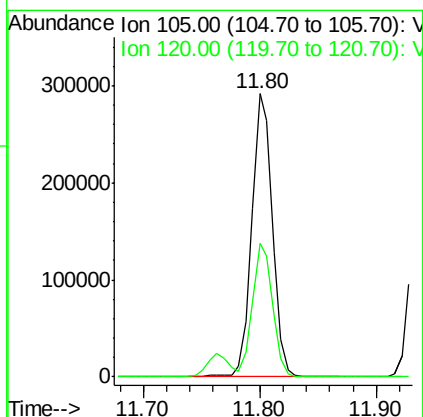
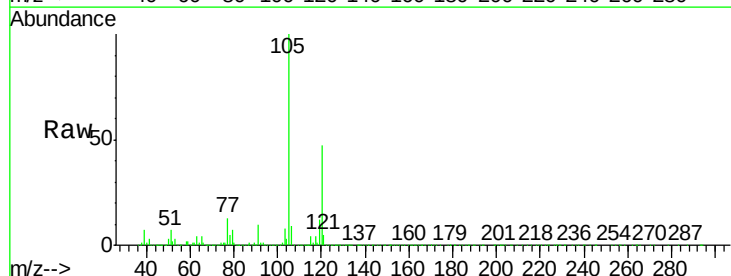
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBSD02

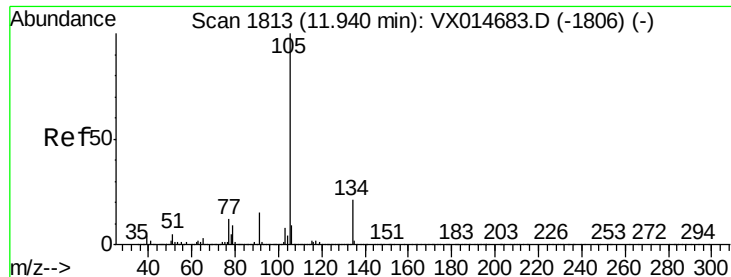
Tgt Ion:119 Resp: 337953
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.0 90.0
 134 24.6 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.79 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion:105 Resp: 358037
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.85 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

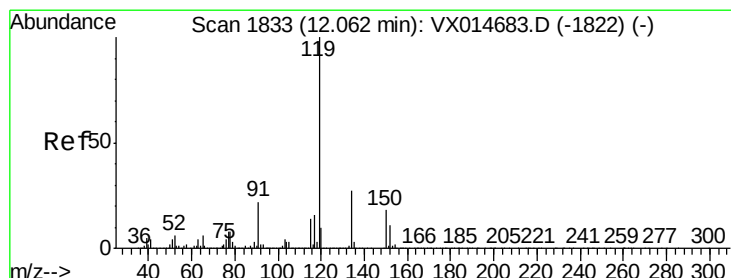
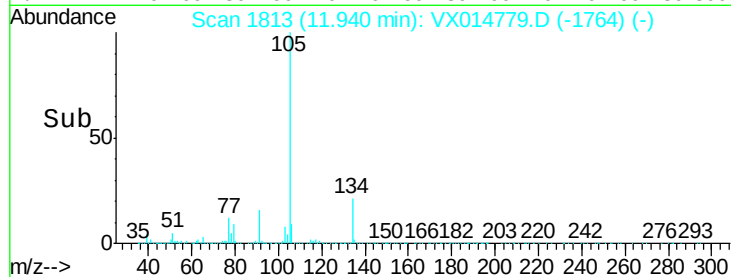
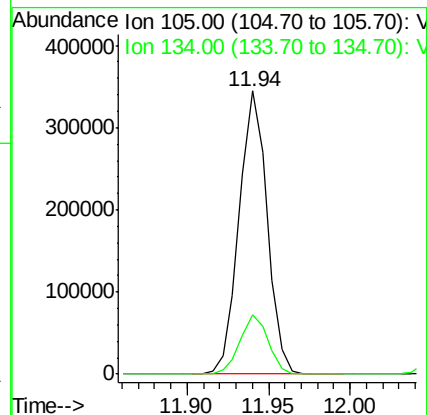
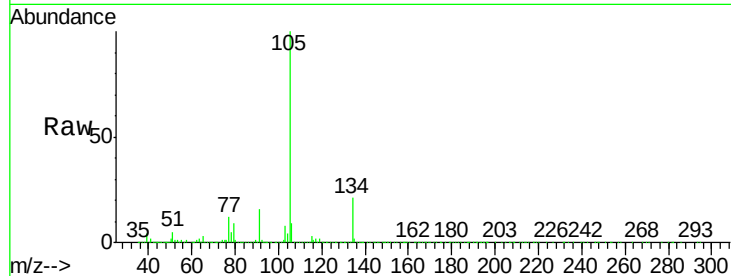
VX0131WBSD02

Tgt Ion:105 Resp: 412249

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.80 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

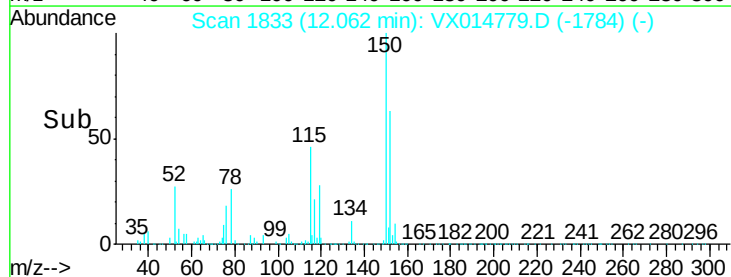
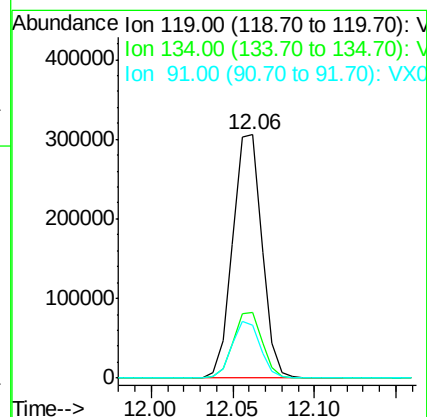
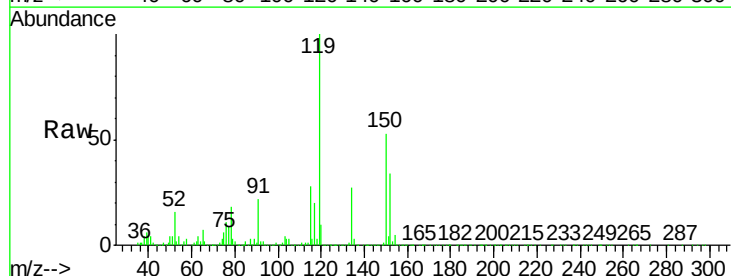
Tgt Ion:119 Resp: 379985

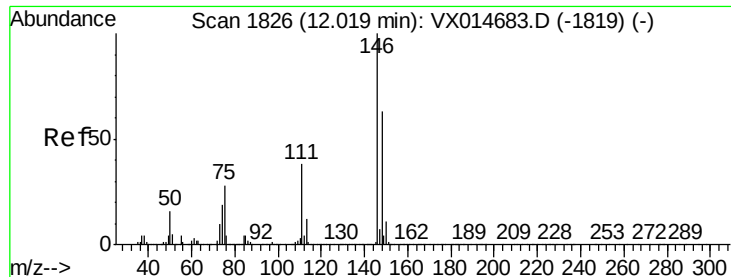
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.7 11.3 33.8

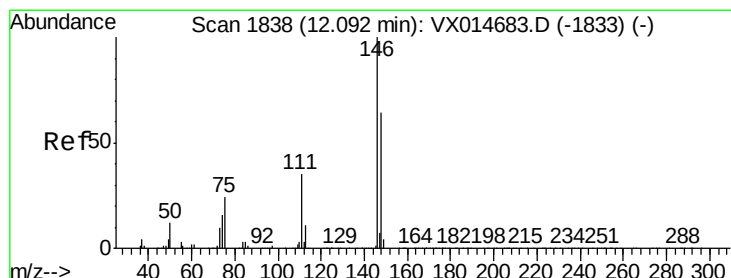
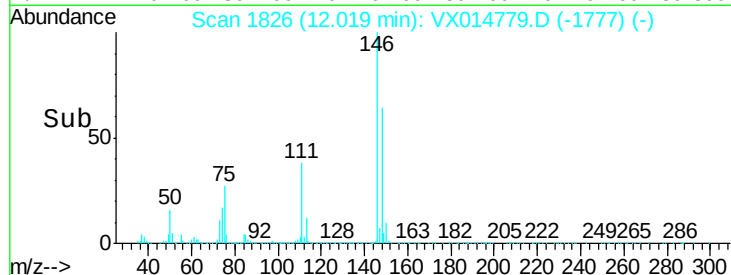
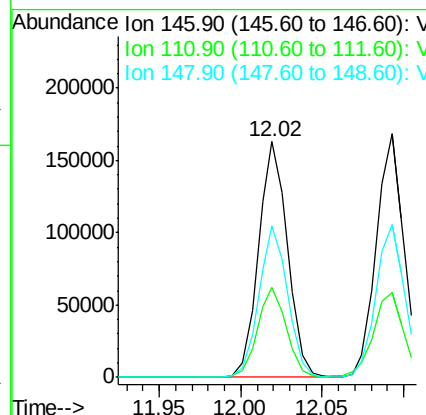
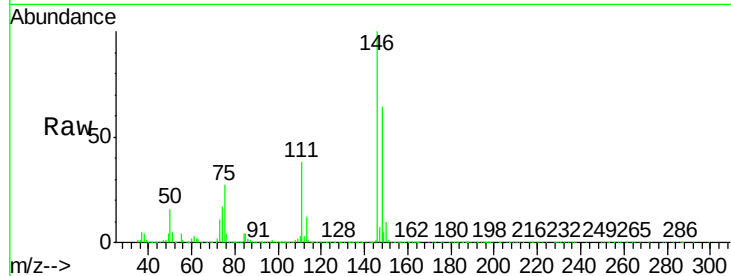




#87
 1,3-Dichlorobenzene
 Concen: 19.18 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

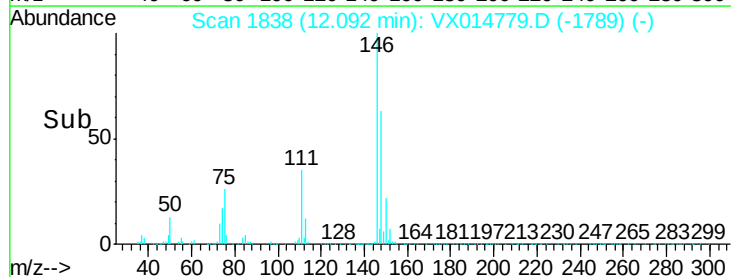
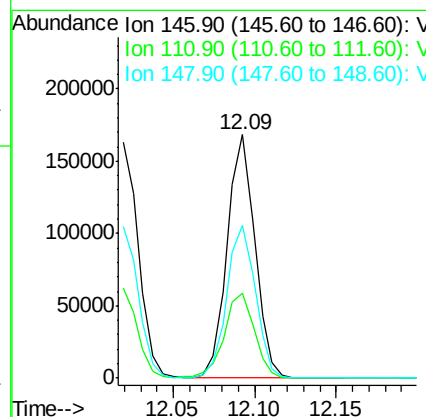
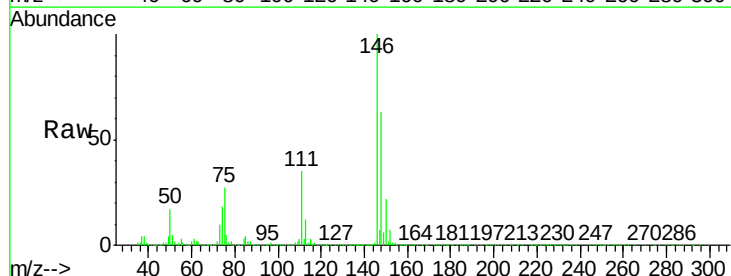
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

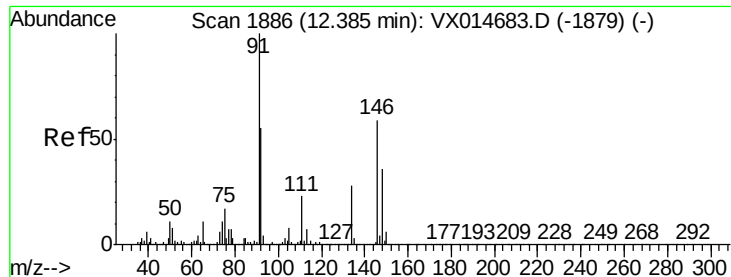
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.4	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	65.1	32.0	96.2





#89

n-Butylbenzene

Concen: 19.38 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

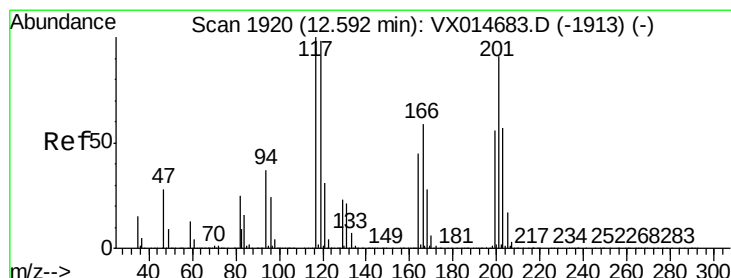
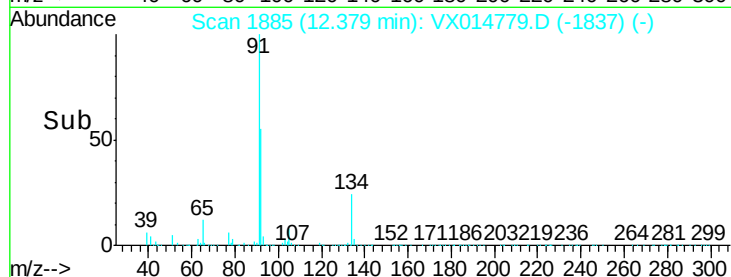
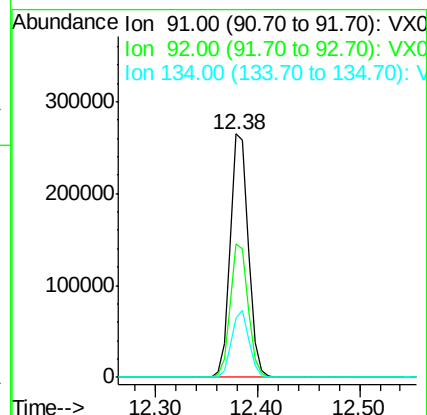
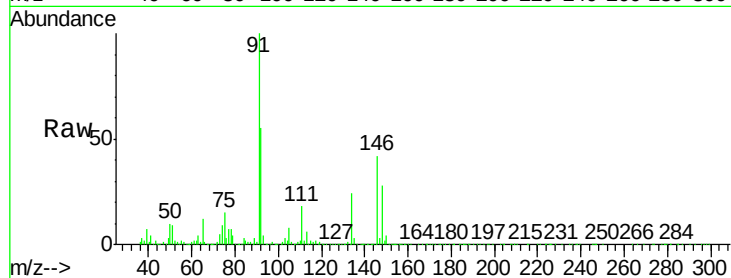
Tgt Ion: 91 Resp: 323920

Ion Ratio Lower Upper

91 100

92 53.9 27.6 82.7

134 26.4 13.3 39.8



#90

Hexachloroethane

Concen: 18.76 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014779.D

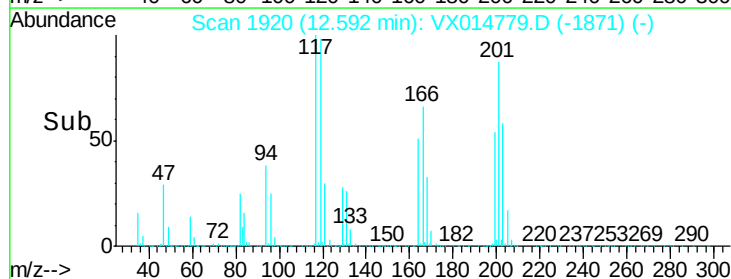
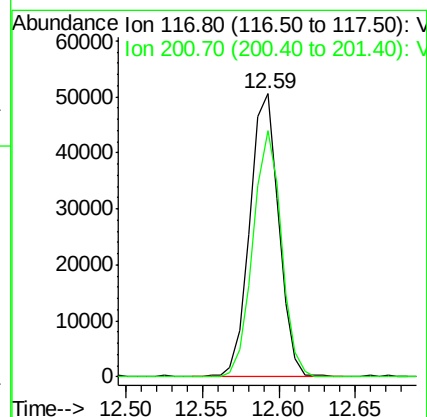
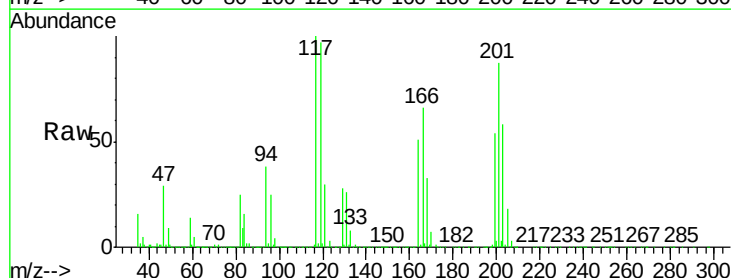
Acq: 31 Jan 2020 13:08

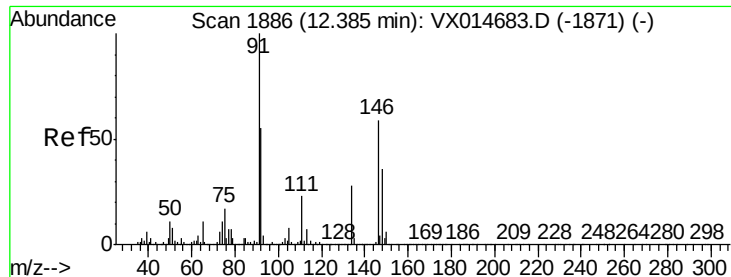
Tgt Ion: 117 Resp: 66859

Ion Ratio Lower Upper

117 100

201 85.2 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 18.97 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

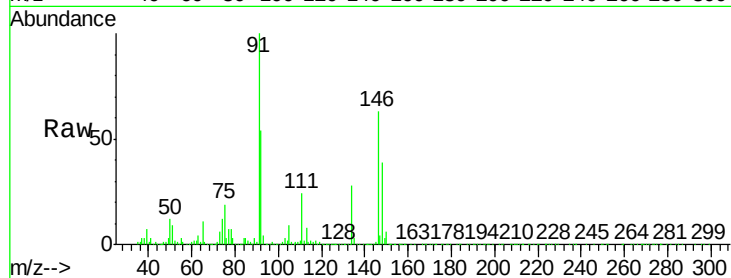
Tgt Ion:146 Resp: 197734

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

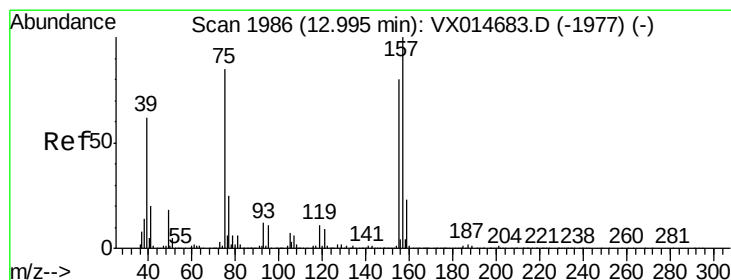
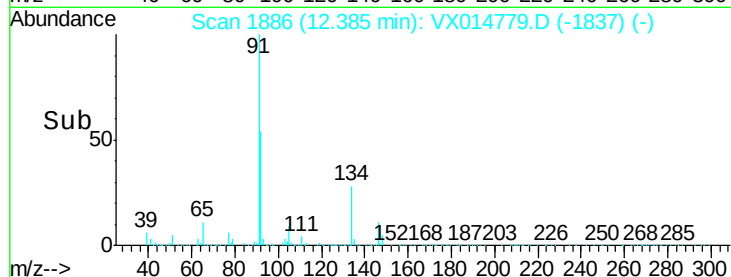
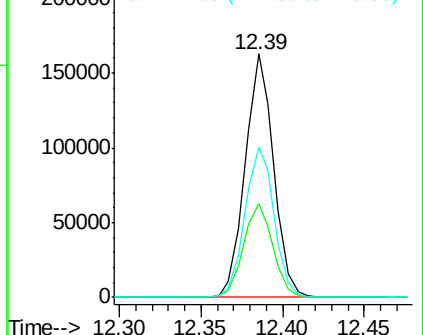
148 63.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.24 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

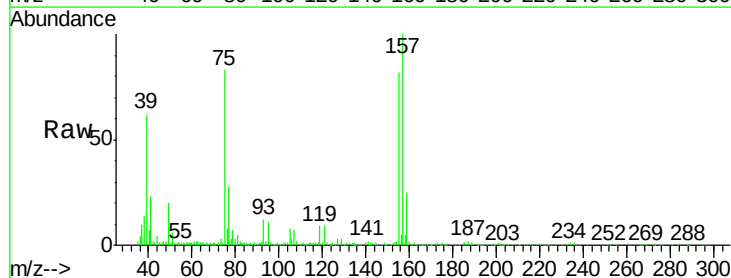
Tgt Ion: 75 Resp: 28747

Ion Ratio Lower Upper

75 100

155 95.0 45.6 136.9

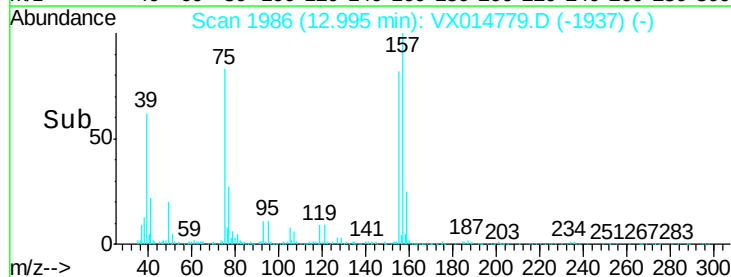
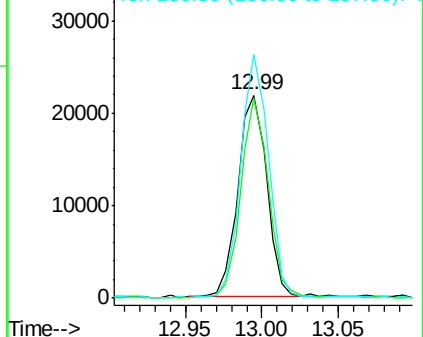
157 115.4 60.3 180.9

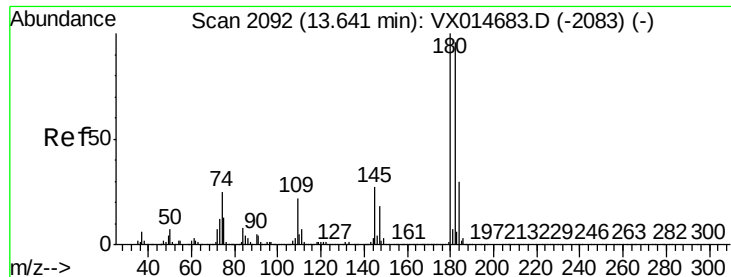


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

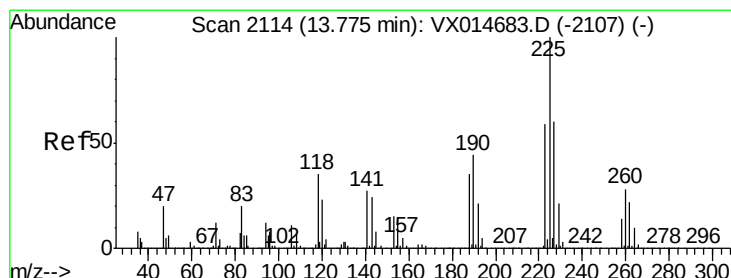
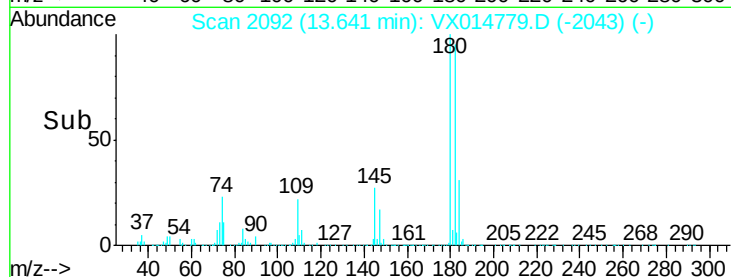
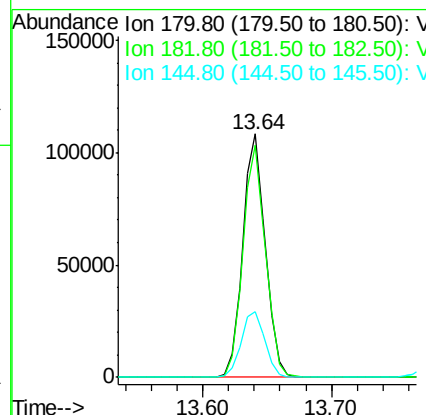
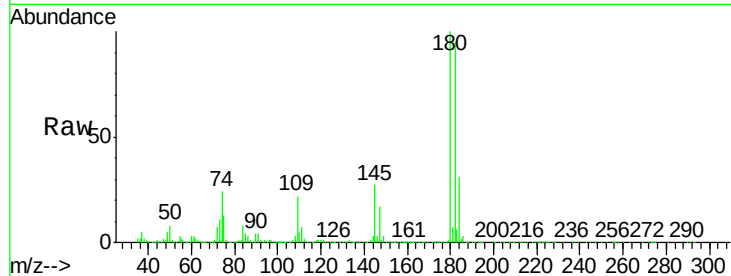




#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

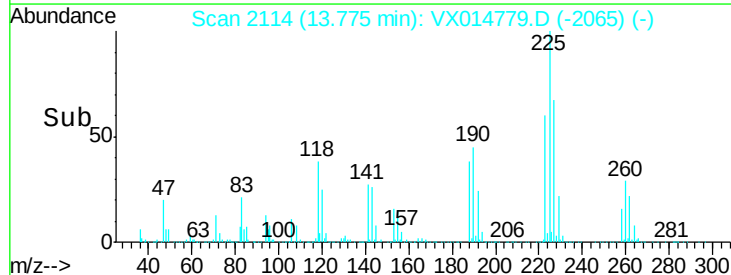
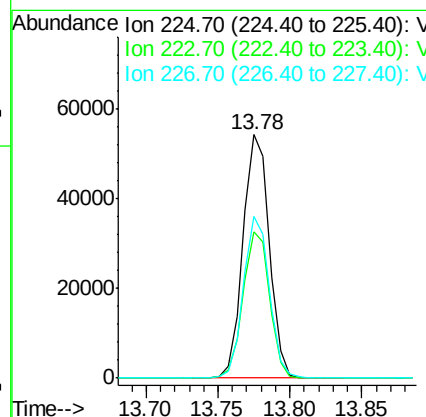
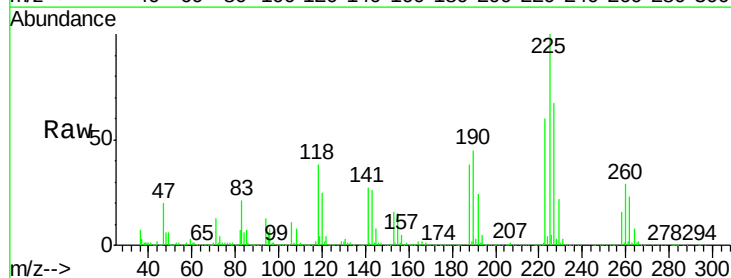
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

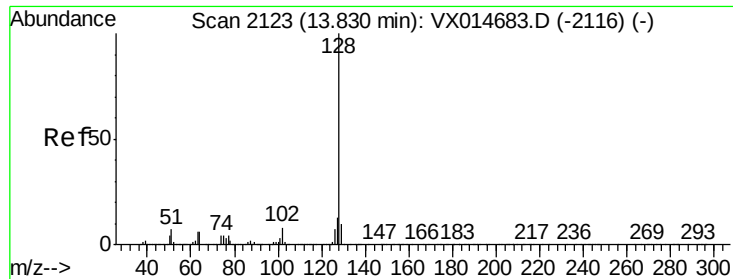
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.6
145	28.2	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 19.90 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.6	91.8
227	65.6	31.4	94.0

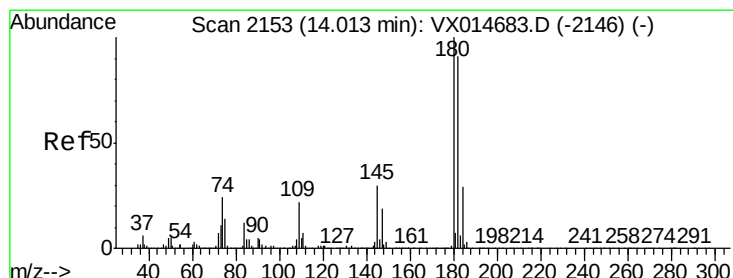
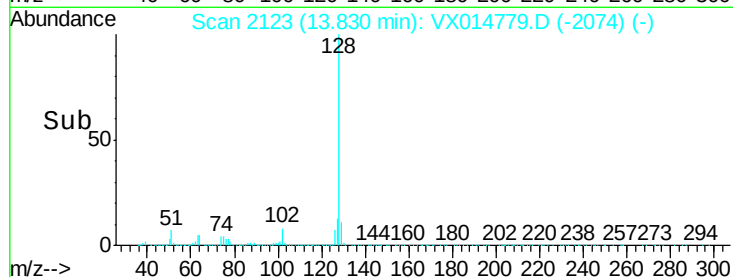
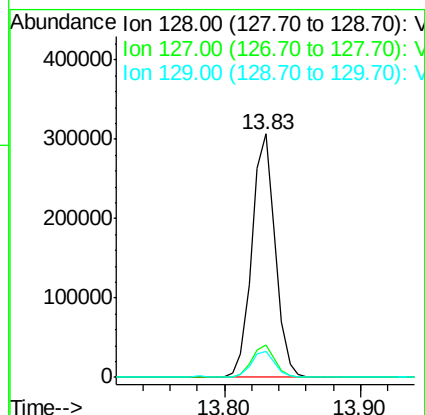
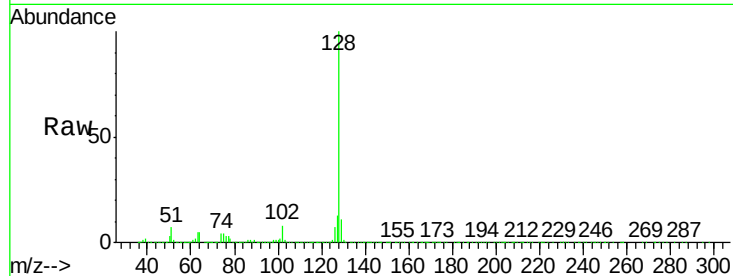




#95
Naphthalene
Concen: 17.63 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tgt Ion:128 Resp: 368814
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.71 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion:180 Resp: 133950
Ion Ratio Lower Upper
180 100
182 93.3 46.6 139.7
145 30.9 14.7 44.1

