

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
 Data File : VX014527.D
 Acq On : 10 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Quant Time: Jan 10 12:29:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	729210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	647718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	263302	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	5.48	113	218671	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	843828	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	299565	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	120914	20.077	ug/l	96
3) Chloromethane	1.32	50	124887	20.044	ug/l	95
4) Vinyl Chloride	1.40	62	143756	20.705	ug/l	96
5) Bromomethane	1.63	94	81841	17.783	ug/l	100
6) Chloroethane	1.72	64	78851	20.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	155222	19.709	ug/l	100
8) Diethyl Ether	2.18	74	67675	18.835	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93044	19.418	ug/l	99
10) Methyl Iodide	2.50	142	112254	19.565	ug/l	100
11) Tert butyl alcohol	3.02	59	113071	99.243	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91290	18.910	ug/l	96
13) Acrolein	2.28	56	69271	75.855	ug/l	99
14) Allyl chloride	2.72	41	160210	18.902	ug/l	96
15) Acrylonitrile	3.12	53	271626	98.780	ug/l	98
16) Acetone	2.43	43	268612	95.598	ug/l	99
17) Carbon Disulfide	2.56	76	245111	18.196	ug/l	99
18) Methyl Acetate	2.76	43	161569	20.601	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	301736	19.470	ug/l	98
20) Methylene Chloride	2.85	84	107918	19.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98945	18.774	ug/l	99
22) Diisopropyl ether	3.84	45	330882	20.201	ug/l	93
23) Vinyl Acetate	3.80	43	1294341	102.067	ug/l	99
24) 1,1-Dichloroethane	3.69	63	178690	20.054	ug/l	99
25) 2-Butanone	4.65	43	390542	95.816	ug/l	100
26) 2,2-Dichloropropane	4.58	77	144329	19.121	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113183	19.211	ug/l	97
28) Bromochloromethane	5.00	49	72450	19.296	ug/l	97
29) Tetrahydrofuran	5.11	42	237827	98.689	ug/l	99
30) Chloroform	5.19	83	175723	20.182	ug/l	100
31) Cyclohexane	5.57	56	169125	20.278	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149124	20.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133188	19.422	ug/l	100
37) Ethyl Acetate	4.81	43	145570	19.543	ug/l	98
38) Carbon Tetrachloride	5.78	117	125243	19.847	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011020\
 Data File : VX014527.D
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 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Quant Time: Jan 10 12:29:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	170181	19.753	ug/l	95
40) Benzene	6.13	78	409005	20.095	ug/l	98
41) Methacrylonitrile	5.03	41	77045	19.396	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141092	19.827	ug/l	99
43) Isopropyl Acetate	6.43	43	238761	19.842	ug/l	99
44) Trichloroethene	7.20	130	116029	19.837	ug/l	96
45) 1,2-Dichloropropane	7.51	63	105911	20.411	ug/l	97
46) Dibromomethane	7.65	93	69037	19.062	ug/l	98
47) Bromodichloromethane	7.89	83	132012	20.032	ug/l	94
48) Methyl methacrylate	7.76	41	115678	20.072	ug/l	98
49) 1,4-Dioxane	7.73	88	49369	404.285	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	743101	101.344	ug/l	99
52) Toluene	8.78	92	259016	19.880	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145895	19.016	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165152	19.927	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103526	19.783	ug/l	94
56) Ethyl methacrylate	9.17	69	158560	19.777	ug/l	98
57) 1,3-Dichloropropane	9.36	76	173769	19.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	261543	95.880	ug/l	100
59) 2-Hexanone	9.48	43	572421	98.663	ug/l	99
60) Dibromochloromethane	9.57	129	105607	20.077	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106745	19.256	ug/l	100
64) Tetrachloroethene	9.33	164	123173	18.974	ug/l	99
65) Chlorobenzene	10.14	112	279122	19.857	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99821	19.899	ug/l	99
67) Ethyl Benzene	10.25	91	488904	20.406	ug/l	98
68) m/p-Xylenes	10.35	106	370508	40.085	ug/l	99
69) o-Xylene	10.69	106	182117	20.650	ug/l	97
70) Styrene	10.71	104	303479	19.940	ug/l	99
71) Bromoform	10.85	173	77757	18.945	ug/l #	98
73) Isopropylbenzene	11.01	105	475962	20.699	ug/l	99
74) N-amyl acetate	10.89	43	202944	20.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151465	20.540	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	177157	26.148	ug/l	82
77) Bromobenzene	11.25	156	122930	19.277	ug/l	99
78) n-propylbenzene	11.35	91	541334	20.556	ug/l	99
79) 2-Chlorotoluene	11.42	91	320126	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	397925	20.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46973	18.330	ug/l	91
82) 4-Chlorotoluene	11.51	91	366172	19.876	ug/l	99
83) tert-Butylbenzene	11.76	119	375220	20.801	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	397374	20.599	ug/l	100
85) sec-Butylbenzene	11.94	105	461315	20.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	423385	20.347	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218061	19.054	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	219552	20.069	ug/l	98
89) n-Butylbenzene	12.38	91	360283	18.936	ug/l	99
90) Hexachloroethane	12.59	117	70961	19.414	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	220893	19.701	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31265	18.849	ug/l	97

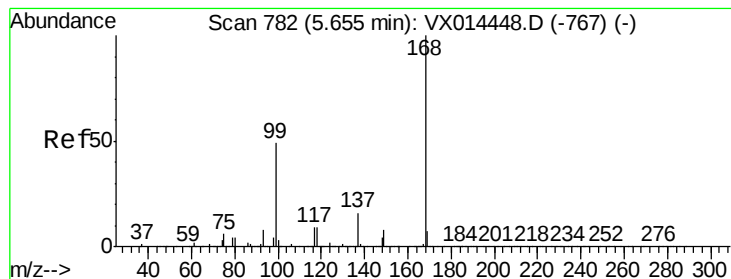
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
Data File : VX014527.D
Acq On : 10 Jan 2020 11:14
Operator : JC/SP
Sample : VX0110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Quant Time: Jan 10 12:29:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149262	18.898	ug/l	99
94) Hexachlorobutadiene	13.77	225	73441	19.963	ug/l	97
95) Naphthalene	13.83	128	432671	17.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145501	18.671	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

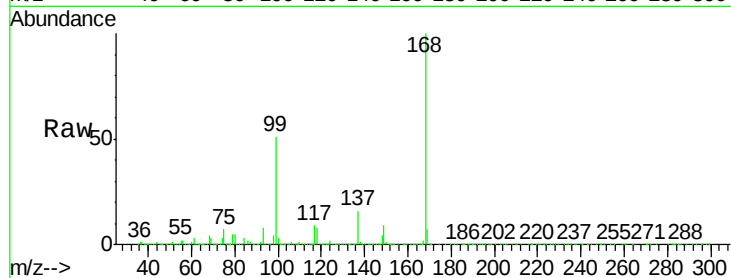
VX0110WBSD01

Tgt Ion:168 Resp: 488795

Ion Ratio Lower Upper

168 100

99 51.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

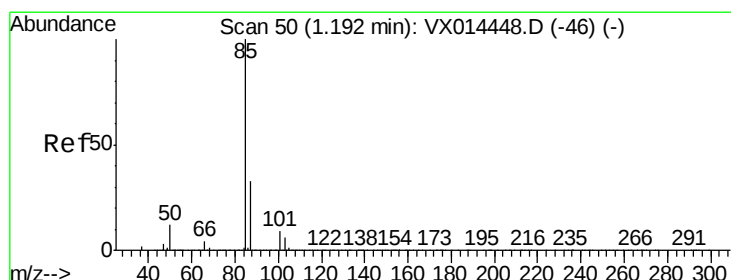
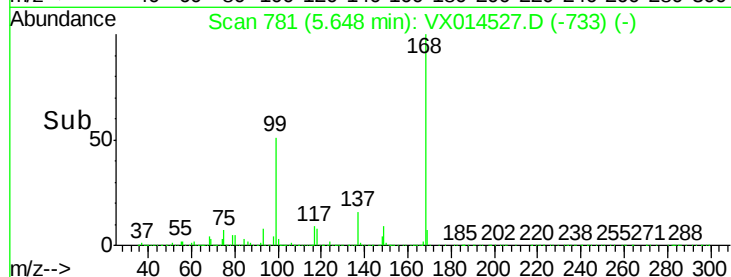
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.077 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014527.D

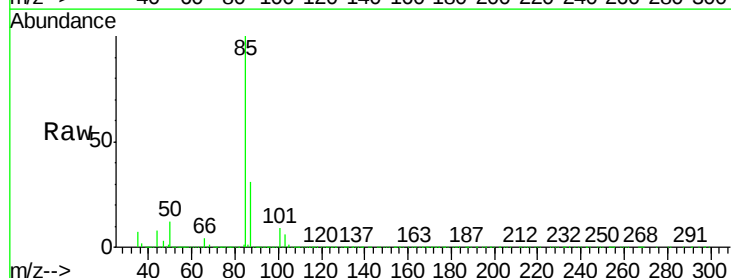
Acq: 10 Jan 2020 11:14

Tgt Ion: 85 Resp: 120914

Ion Ratio Lower Upper

85 100

87 30.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

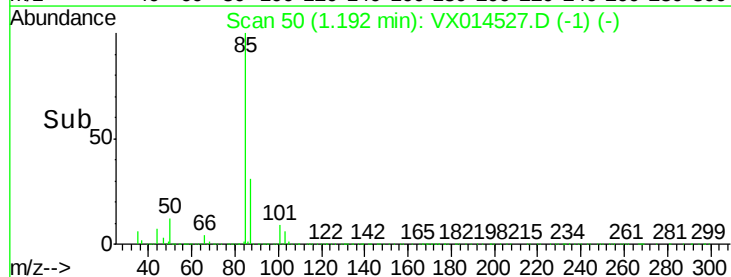
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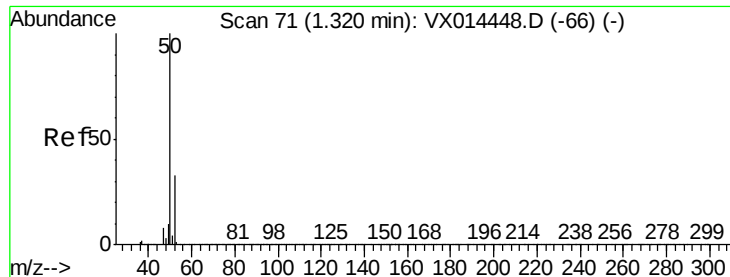
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.044 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

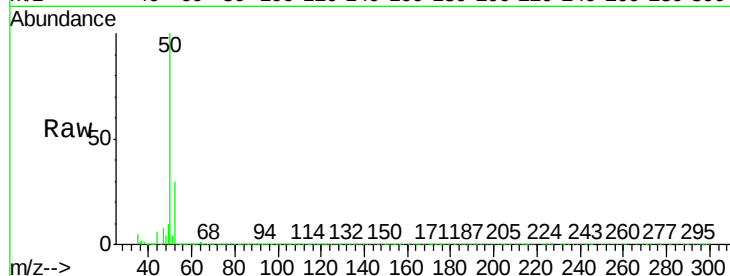
VX0110WBSD01

Tgt Ion: 50 Resp: 124887

Ion Ratio Lower Upper

50 100

52 30.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

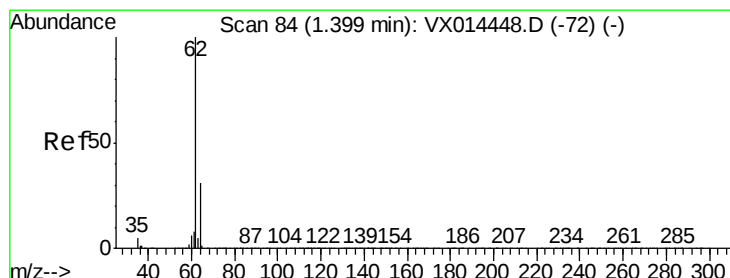
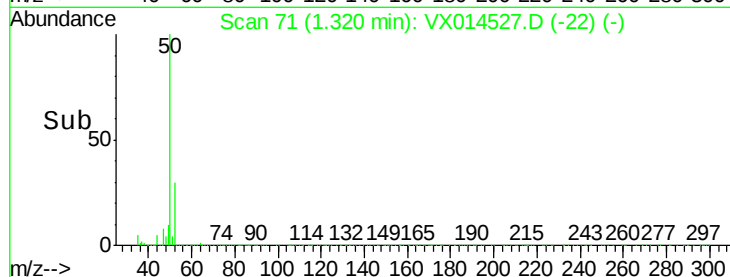
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 20.705 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014527.D

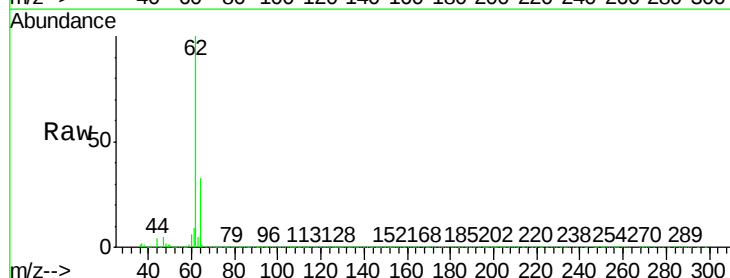
Acq: 10 Jan 2020 11:14

Tgt Ion: 62 Resp: 143756

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

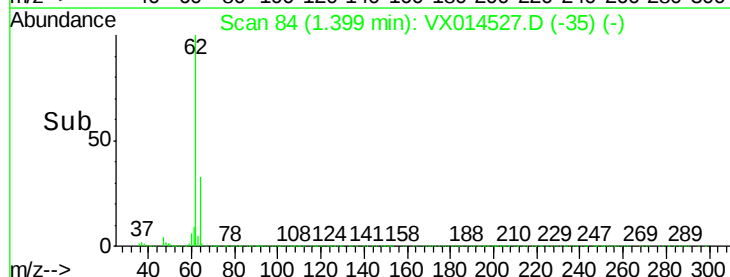
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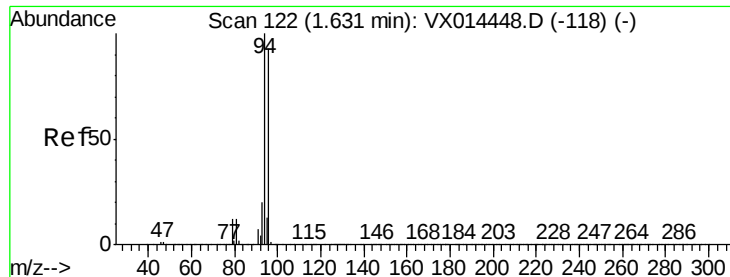
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 17.783 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

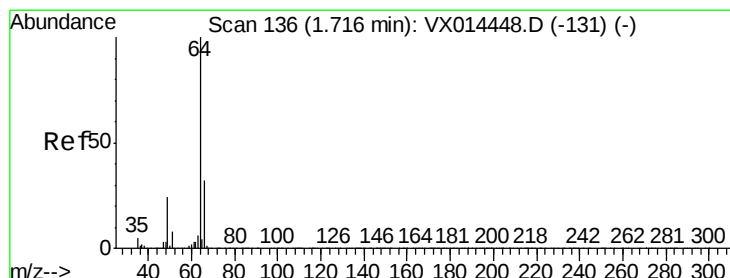
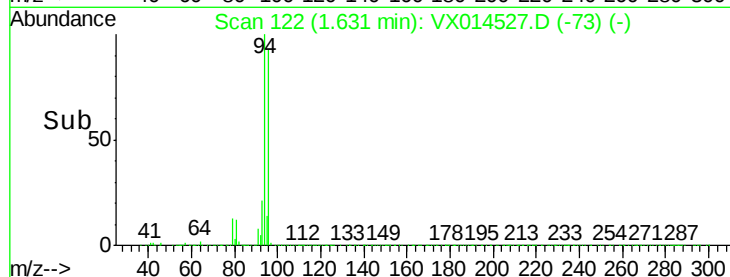
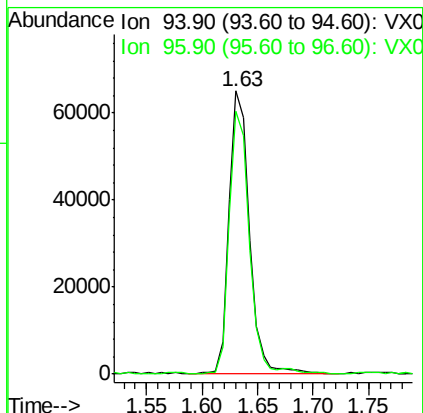
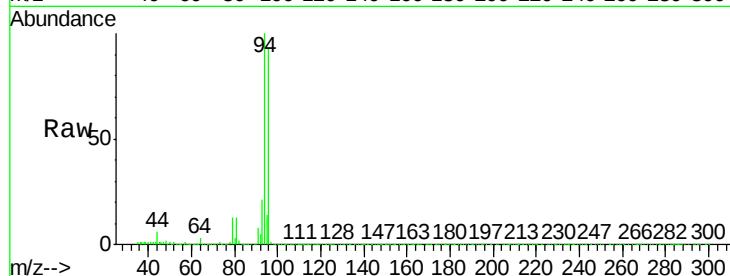
VX0110WBSD01

Tgt Ion: 94 Resp: 81841

Ion Ratio Lower Upper

94 100

96 92.9 74.2 111.2



#6

Chloroethane

Concen: 20.071 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014527.D

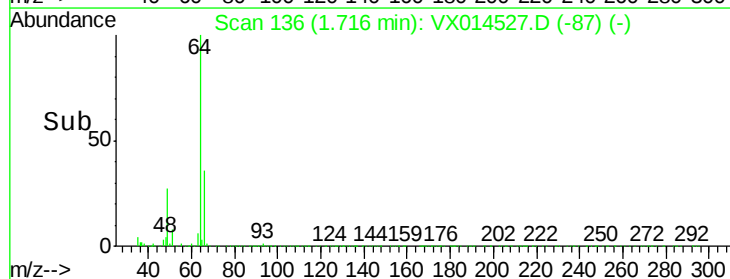
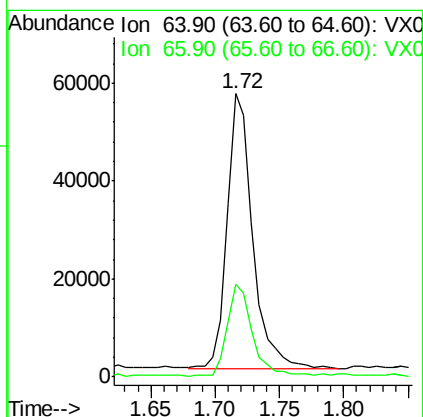
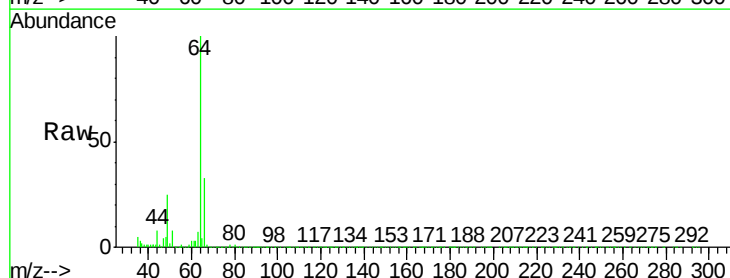
Acq: 10 Jan 2020 11:14

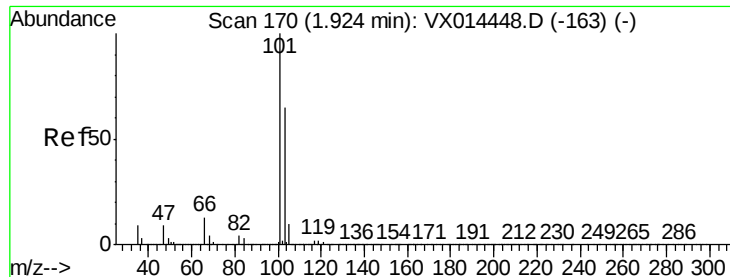
Tgt Ion: 64 Resp: 78851

Ion Ratio Lower Upper

64 100

66 33.5 25.3 37.9



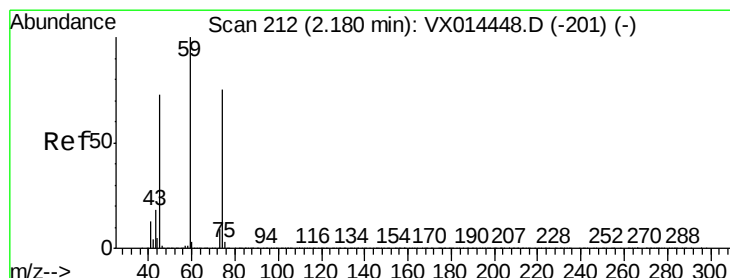
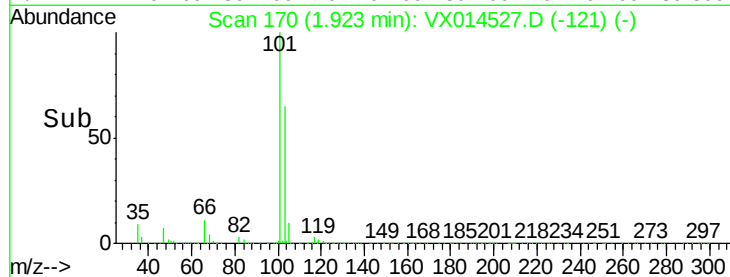
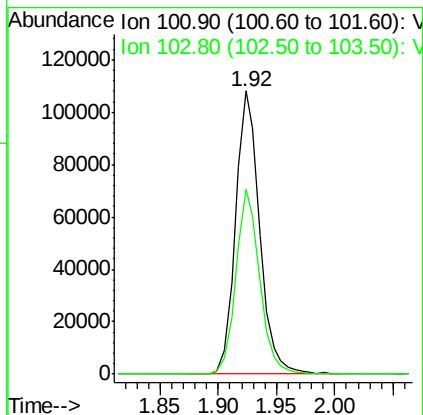
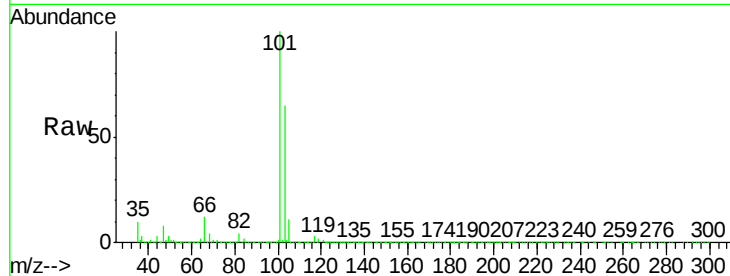


#7

Trichlorofluoromethane
Concen: 19.709 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

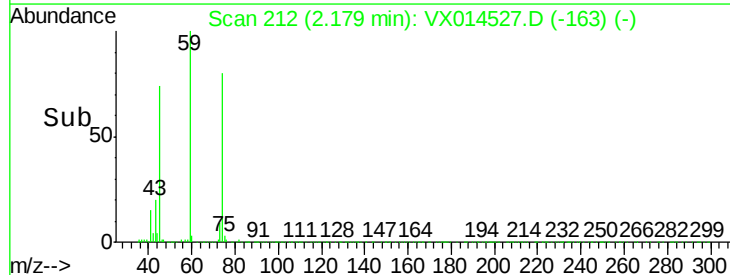
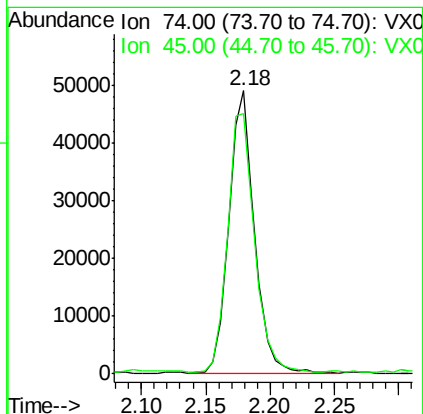
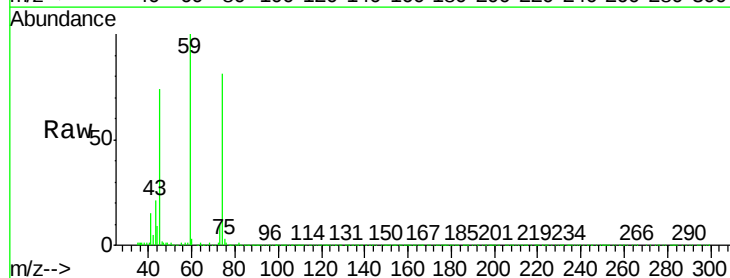
Tgt Ion:101 Resp: 155222
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

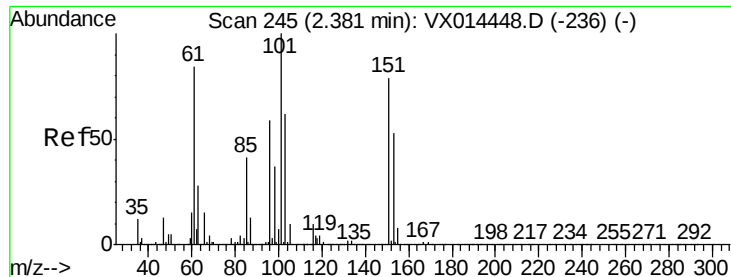


#8

Diethyl Ether
Concen: 18.835 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 74 Resp: 67675
Ion Ratio Lower Upper
74 100
45 97.2 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.418 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

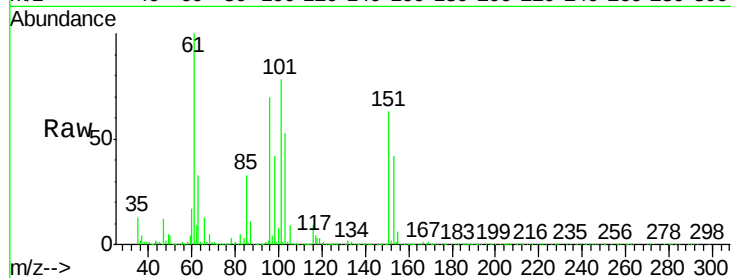
Tgt Ion:101 Resp: 93044

Ion Ratio Lower Upper

101 100

85 43.0 33.8 50.8

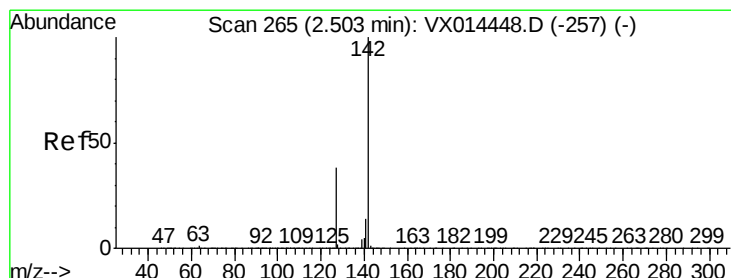
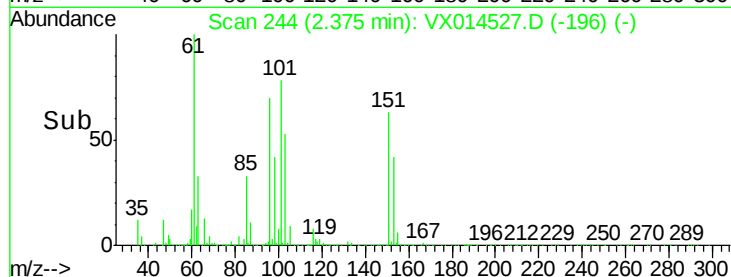
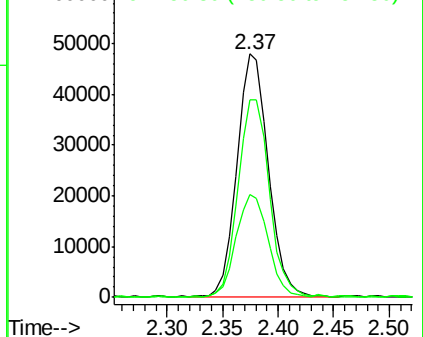
151 82.7 65.3 97.9



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: 19.565 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

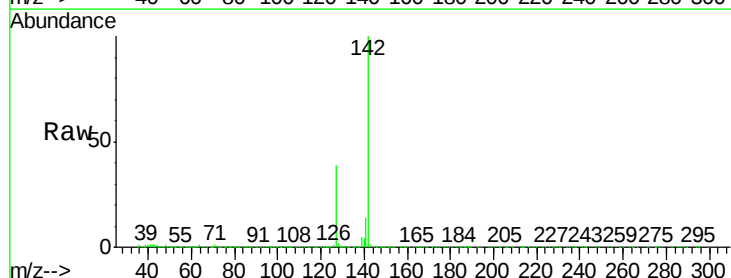
Tgt Ion:142 Resp: 112254

Ion Ratio Lower Upper

142 100

127 38.8 31.2 46.8

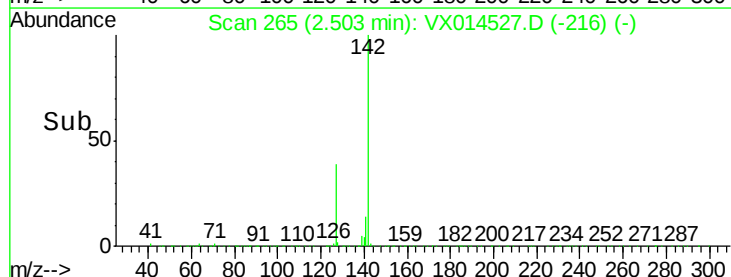
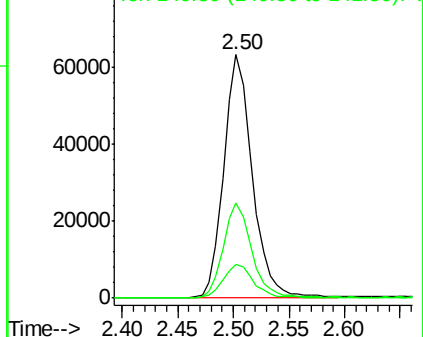
141 14.7 11.4 17.2

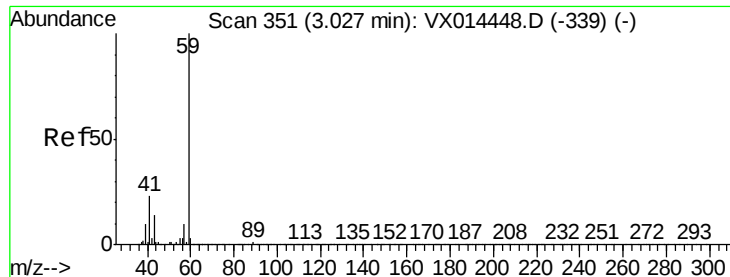


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

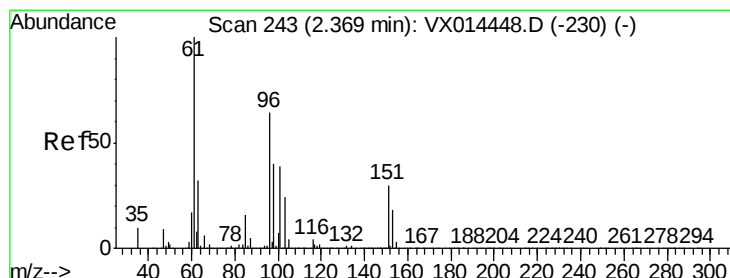
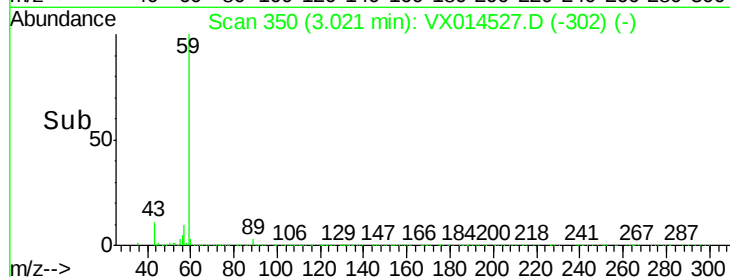
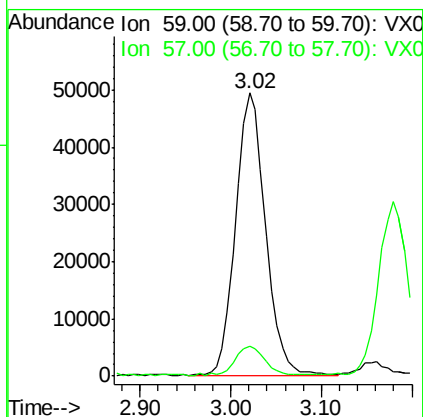
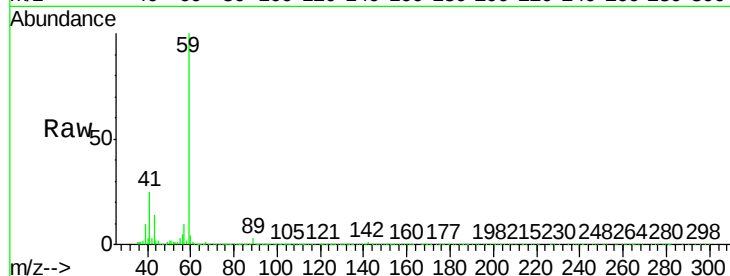




#11
Tert butyl alcohol
Concen: 99.243 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

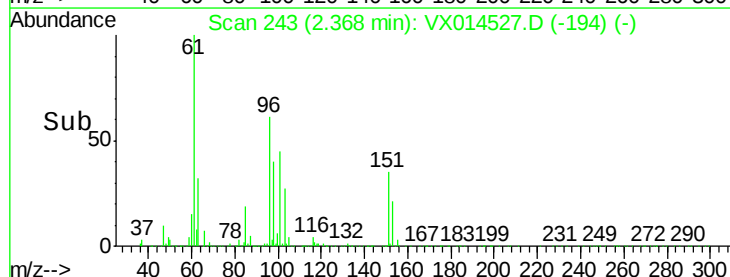
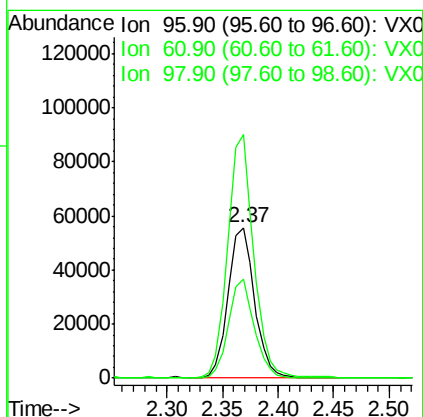
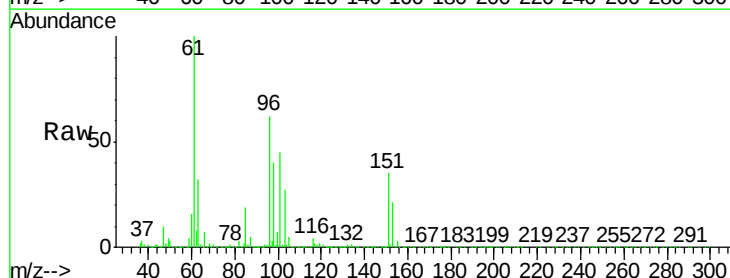
Instrument :
MSVOA_X
ClientSampled :
VX0110WBSD01

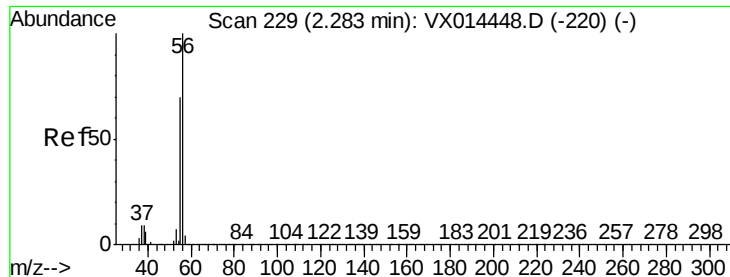
Tgt Ion: 59 Resp: 113071
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.910 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 96 Resp: 91290
Ion Ratio Lower Upper
96 100
61 162.0 125.0 187.6
98 65.5 50.2 75.2





#13

Acrolein

Concen: 75.855 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

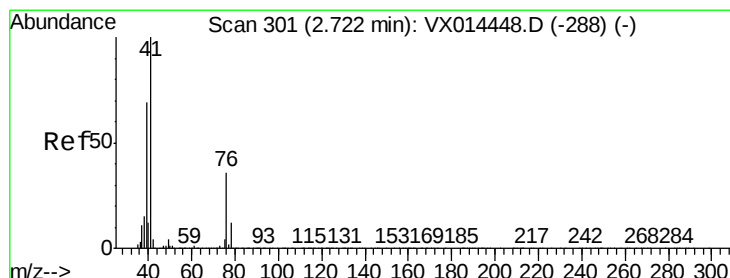
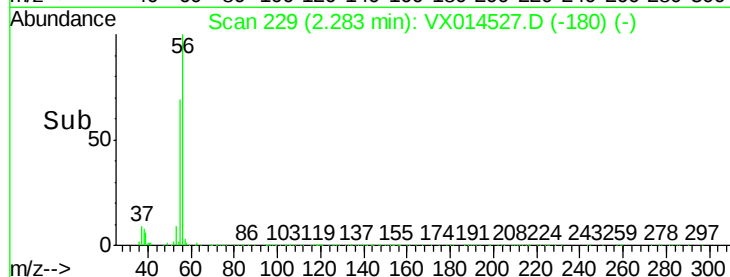
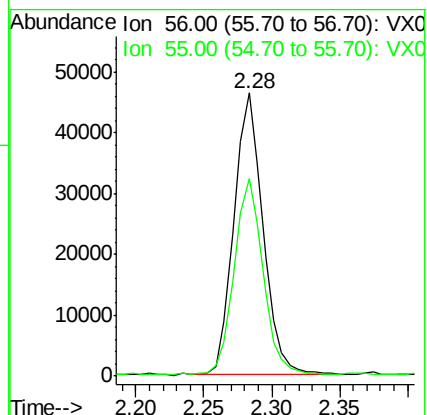
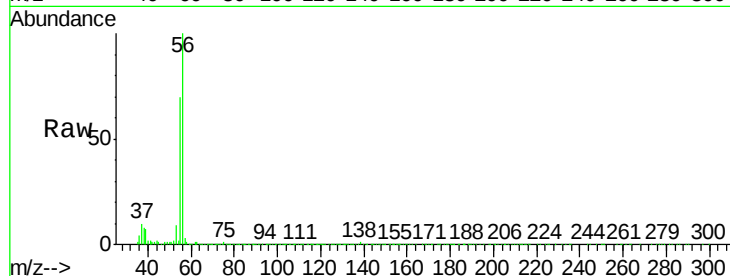
VX0110WBSD01

Tgt Ion: 56 Resp: 69271

Ion Ratio Lower Upper

56 100

55 69.6 55.0 82.6



#14

Allyl chloride

Concen: 18.902 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

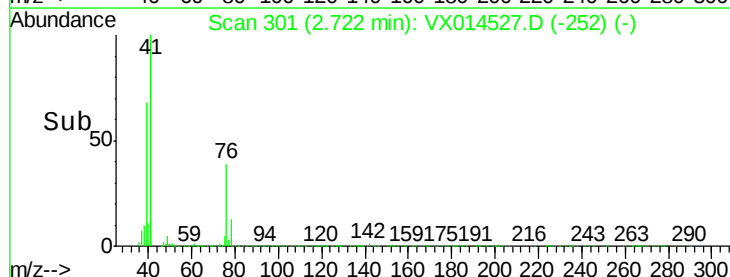
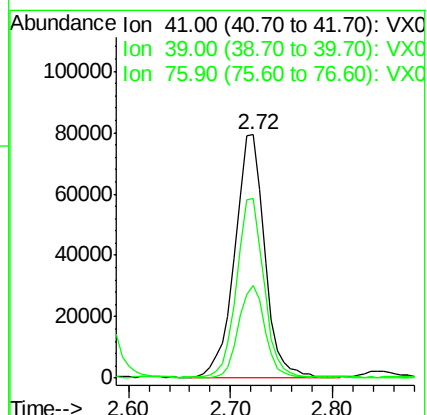
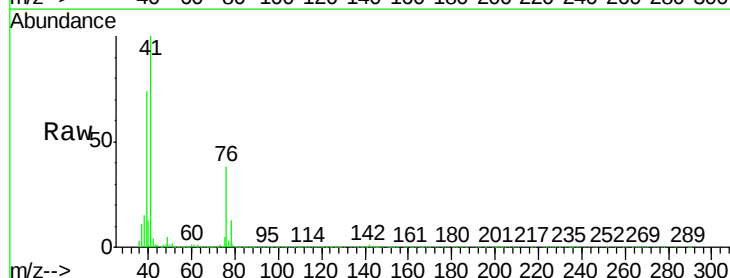
Tgt Ion: 41 Resp: 160210

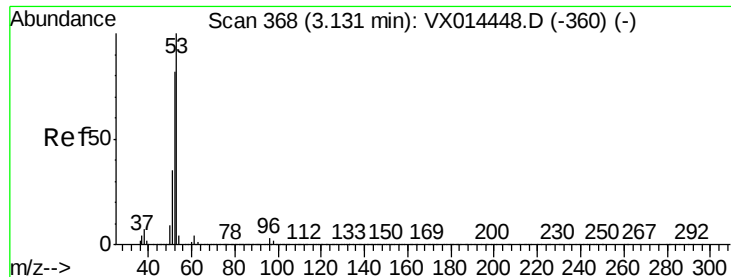
Ion Ratio Lower Upper

41 100

39 68.9 51.7 77.5

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 98.780 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

VX0110WBSD01

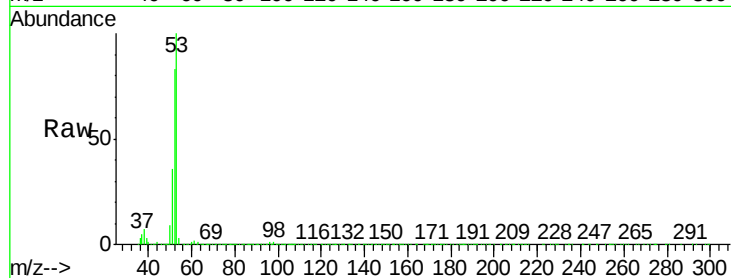
Tgt Ion: 53 Resp: 271626

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

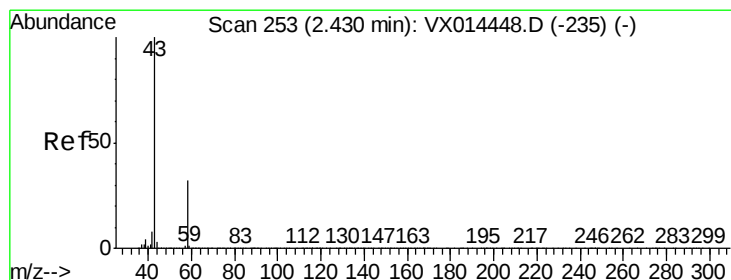
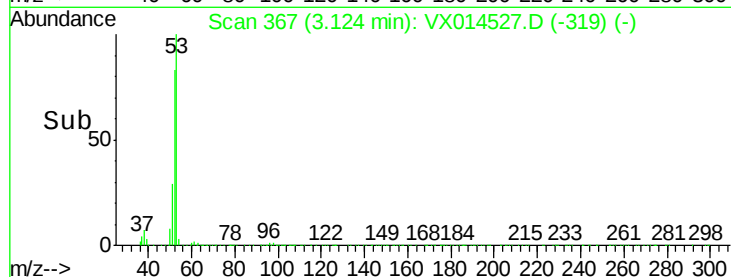
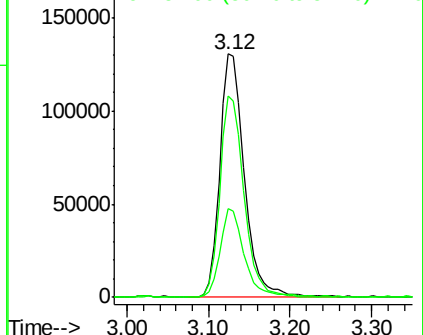
51 36.5 28.5 42.7



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: 95.598 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014527.D

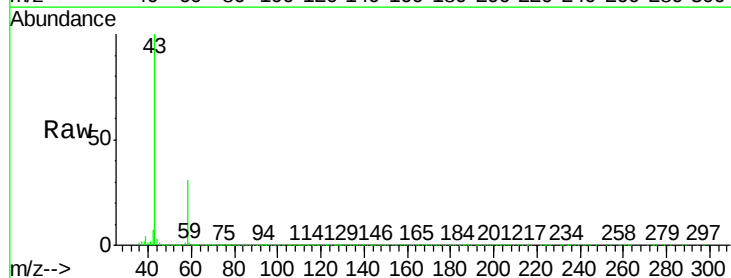
Acq: 10 Jan 2020 11:14

Tgt Ion: 43 Resp: 268612

Ion Ratio Lower Upper

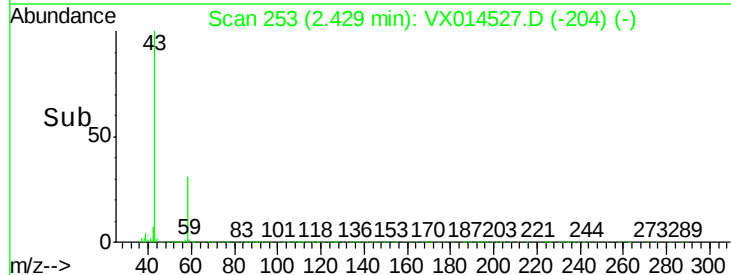
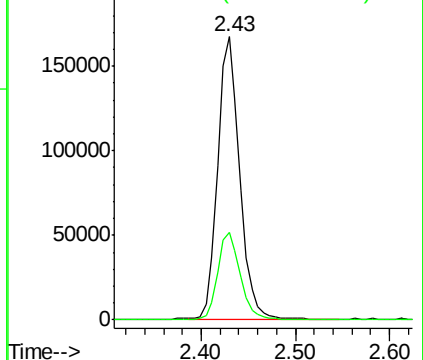
43 100

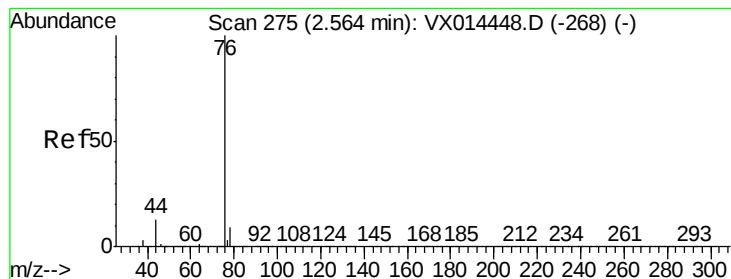
58 30.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.196 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

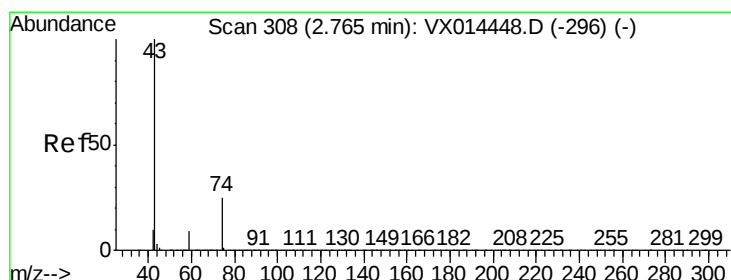
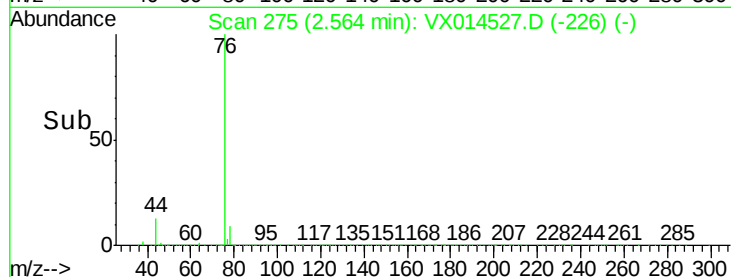
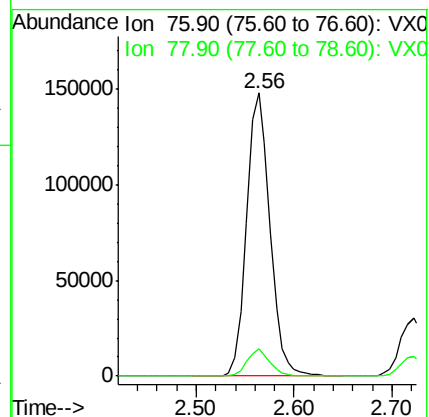
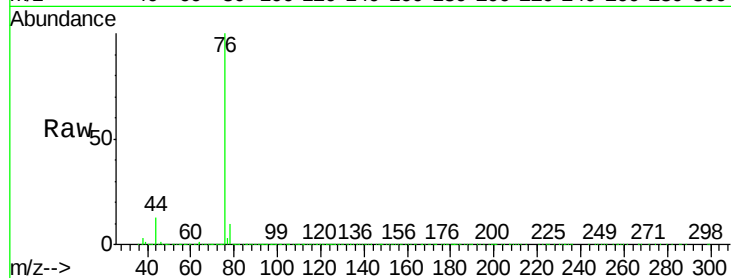
VX0110WBSD01

Tgt Ion: 76 Resp: 245111

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



#18

Methyl Acetate

Concen: 20.601 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014527.D

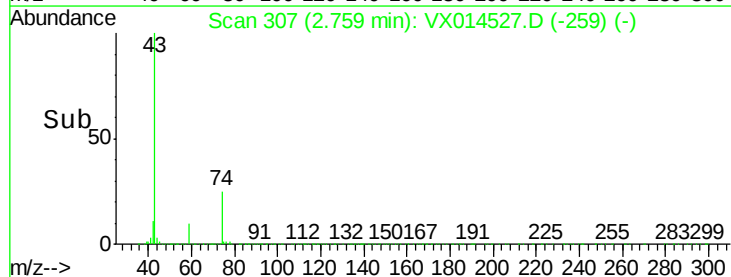
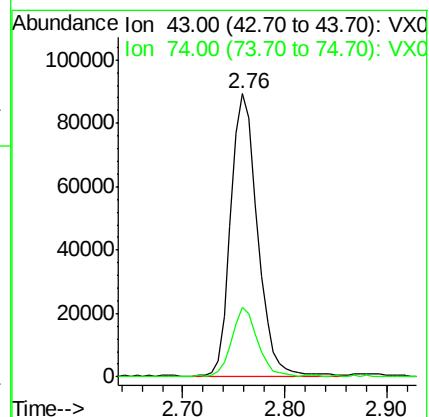
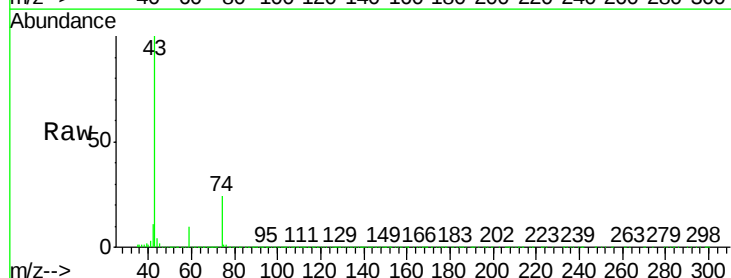
Acq: 10 Jan 2020 11:14

Tgt Ion: 43 Resp: 161569

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2



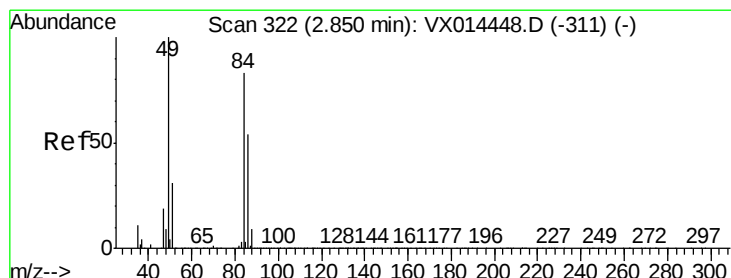
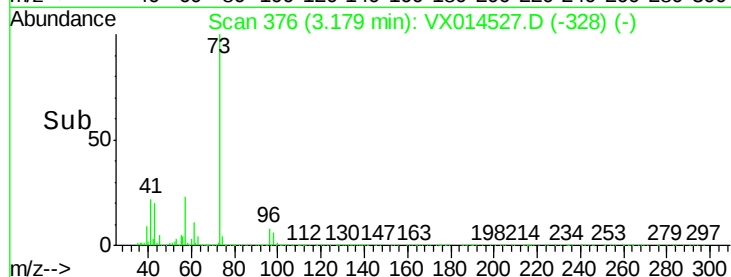
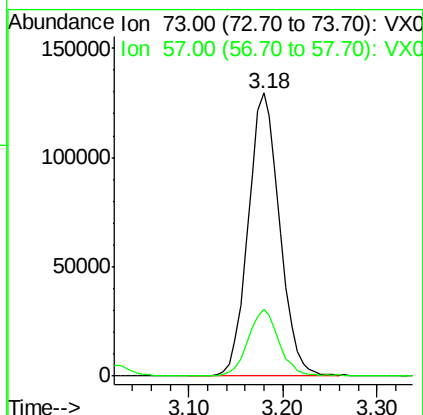
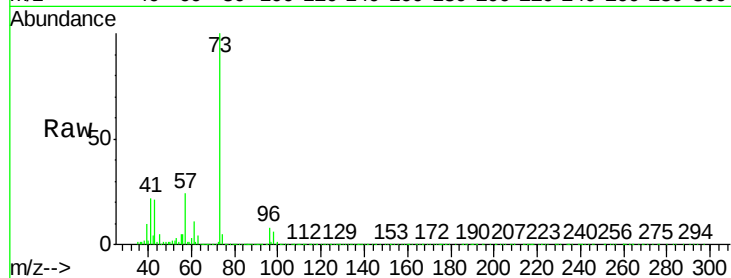


#19

Methyl tert-butyl Ether
Concen: 19.470 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

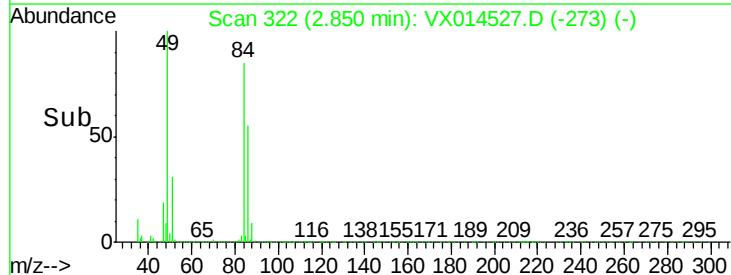
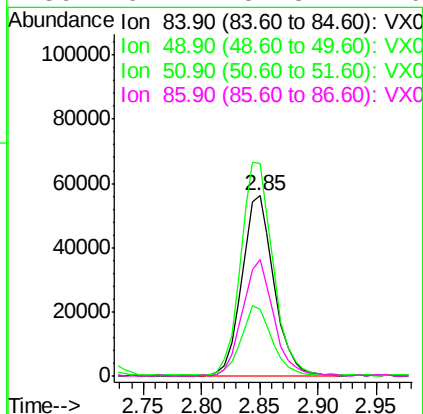
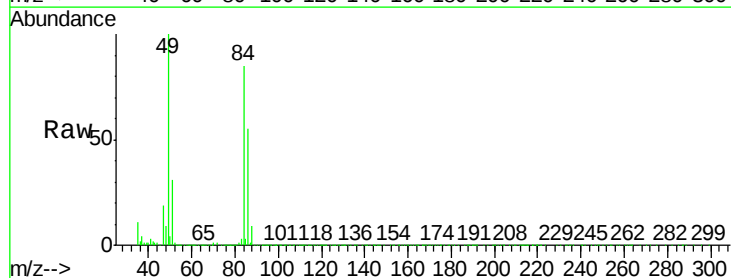
Tgt Ion: 73 Resp: 301736
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.8

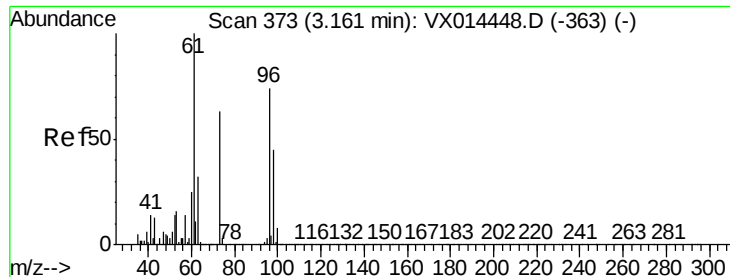


#20

Methylene Chloride
Concen: 19.660 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 84 Resp: 107918
Ion Ratio Lower Upper
84 100
49 117.8 95.8 143.8
51 36.3 30.2 45.4
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.774 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

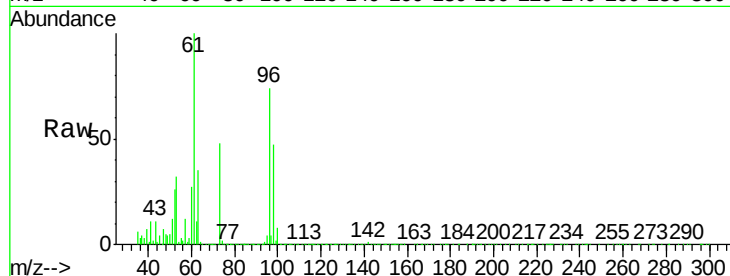
Tgt Ion: 96 Resp: 98945

Ion Ratio Lower Upper

96 100

61 135.4 108.2 162.4

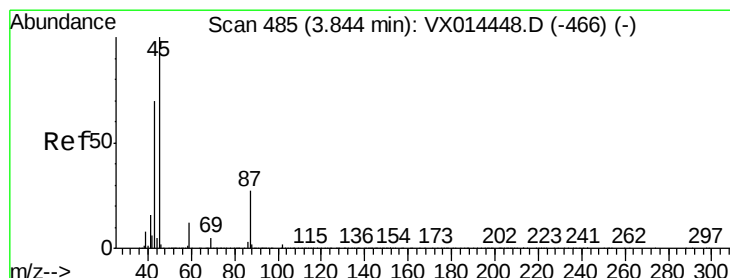
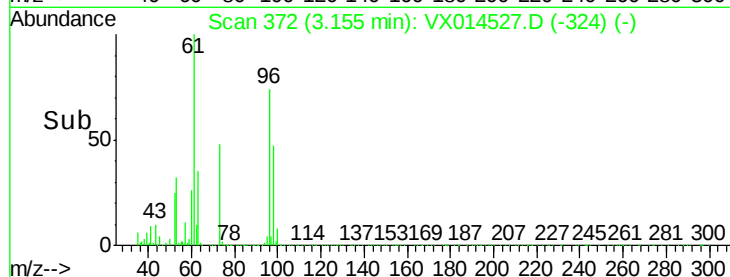
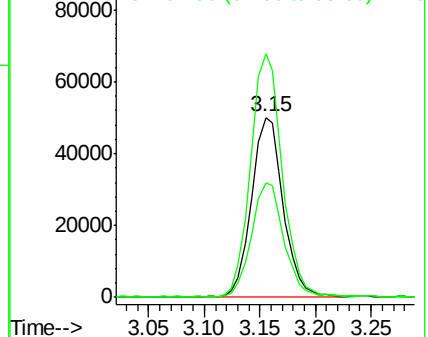
98 63.1 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.201 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion: 45 Resp: 330882

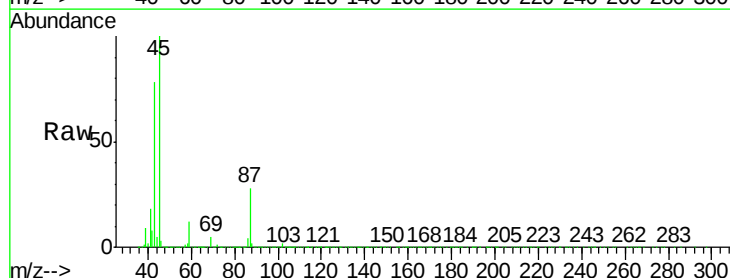
Ion Ratio Lower Upper

45 100

43 77.9 55.8 83.6

87 27.7 21.8 32.8

59 11.9 9.1 13.7

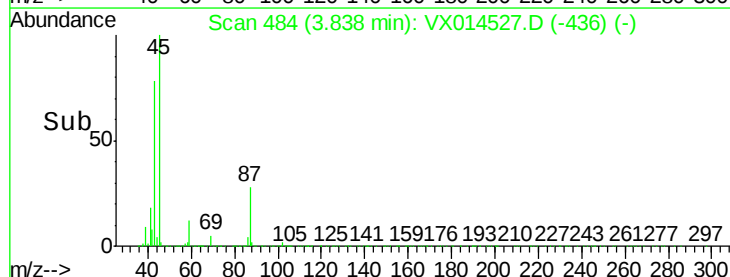
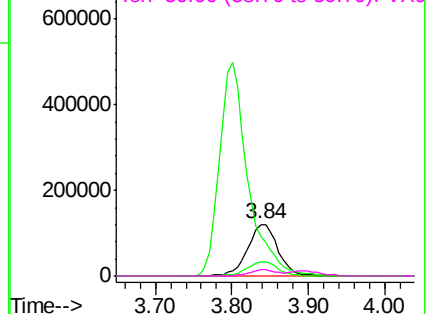


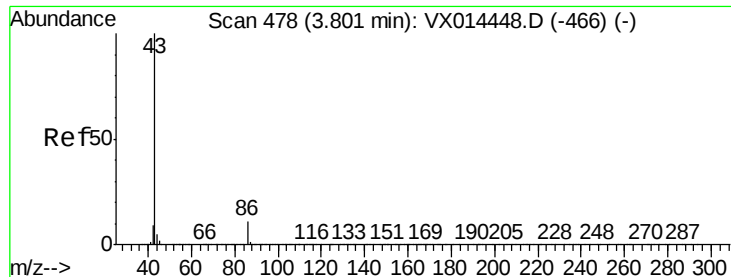
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.067 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

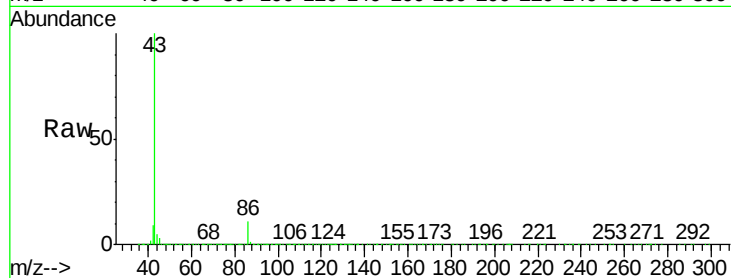
VX0110WBSD01

Tgt Ion: 43 Resp: 1294341

Ion Ratio Lower Upper

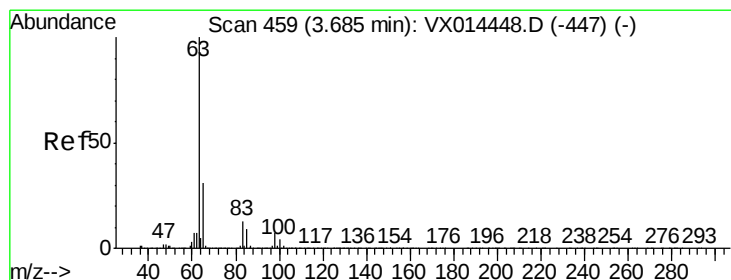
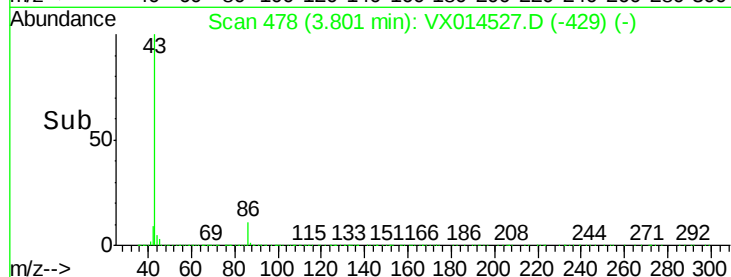
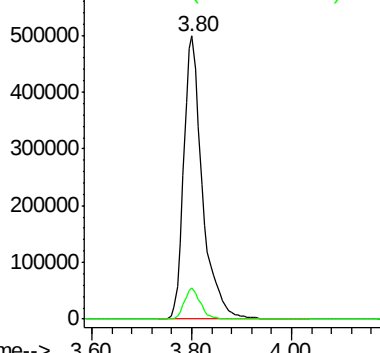
43 100

86 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.054 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

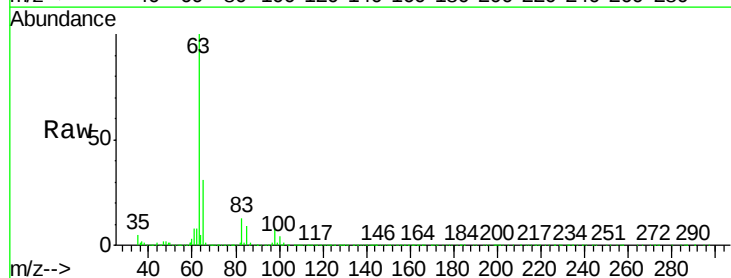
Tgt Ion: 63 Resp: 178690

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

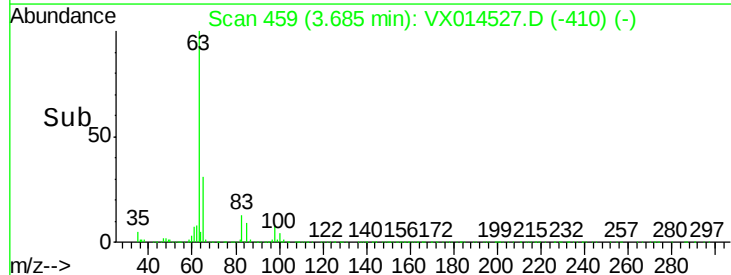
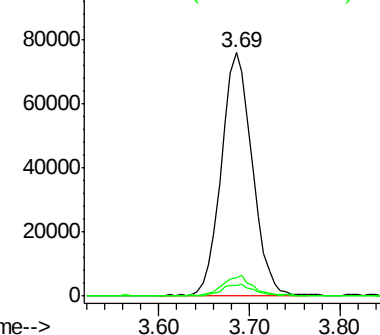
100 4.1 2.3 6.8

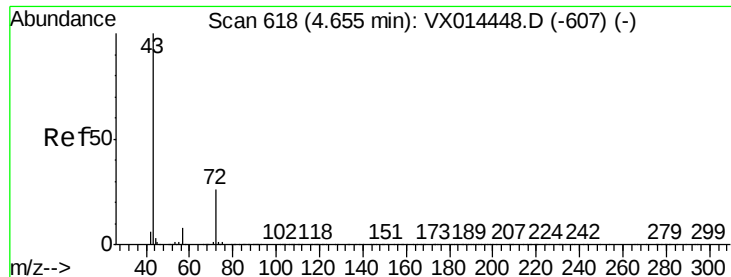


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.816 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

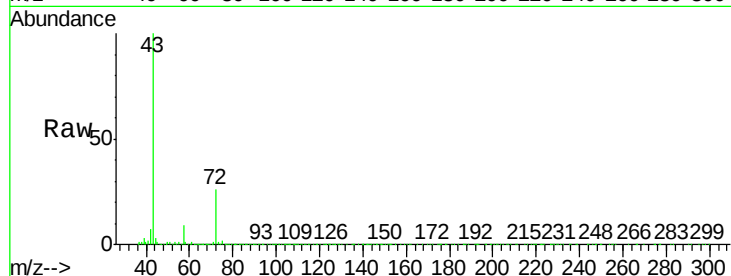
VX0110WBSD01

Tgt Ion: 43 Resp: 390542

Ion Ratio Lower Upper

43 100

72 25.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

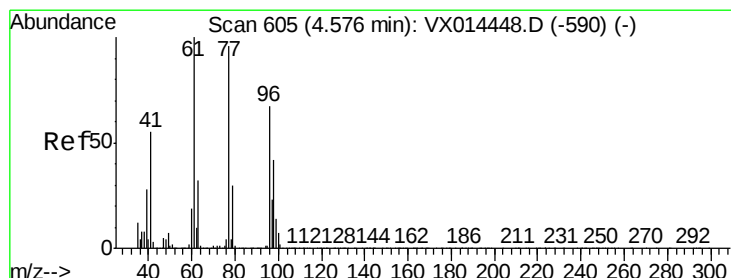
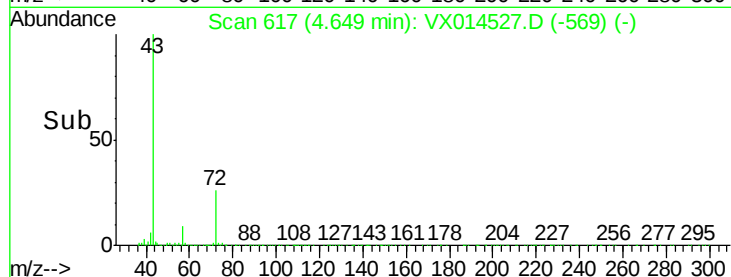
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.121 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014527.D

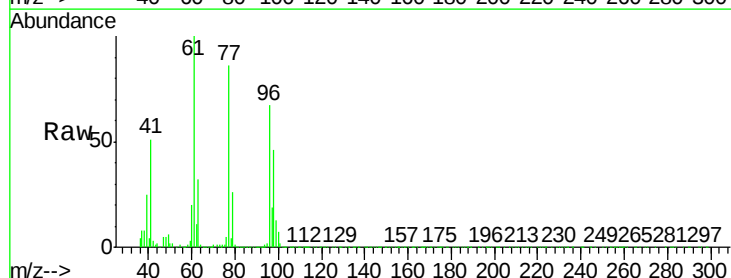
Acq: 10 Jan 2020 11:14

Tgt Ion: 77 Resp: 144329

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

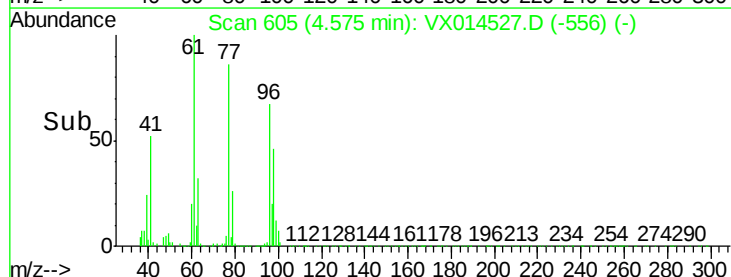
20000

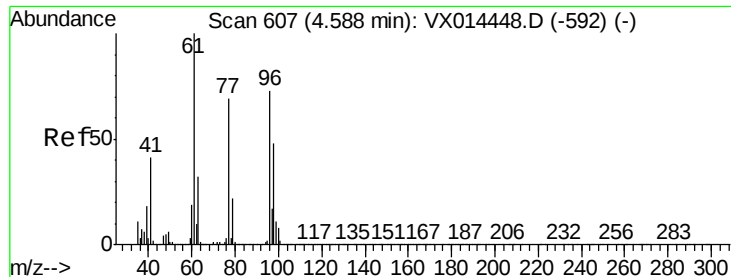
10000

0

4.40 4.50 4.60 4.70

Time-->



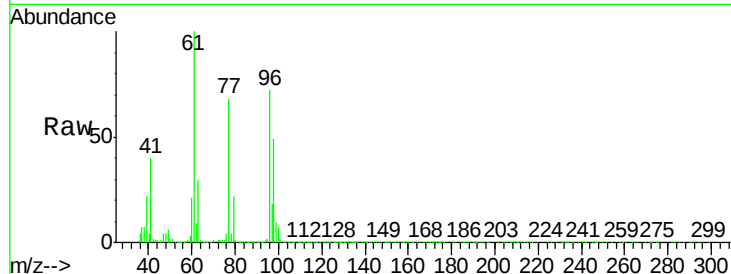


#27

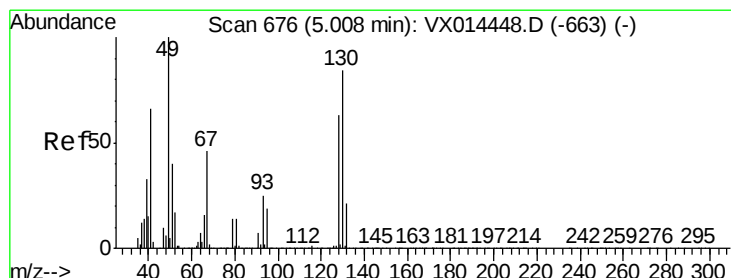
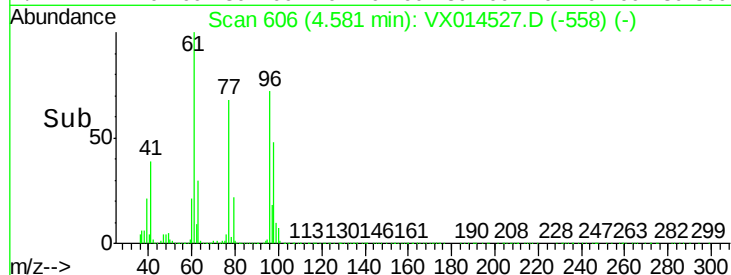
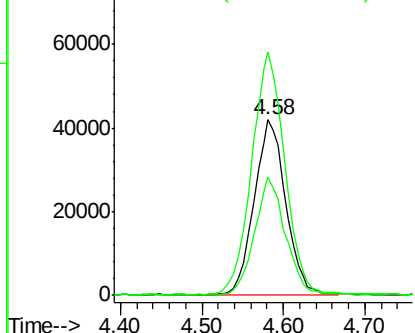
cis-1,2-Dichloroethene
Concen: 19.211 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tgt Ion: 96 Resp: 113183
Ion Ratio Lower Upper
96 100
61 147.7 0.0 285.4
98 65.2 0.0 130.6



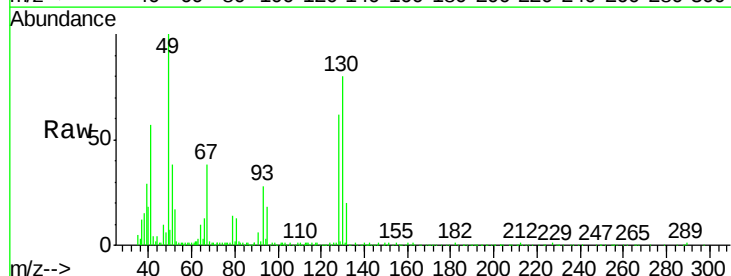
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



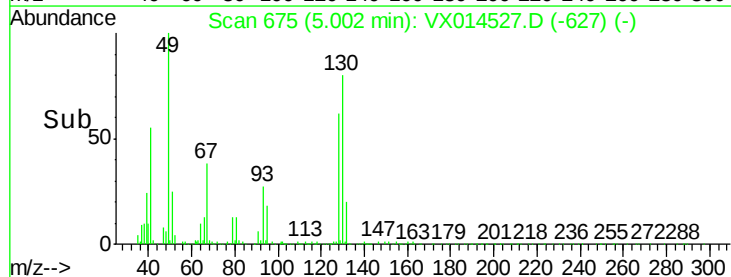
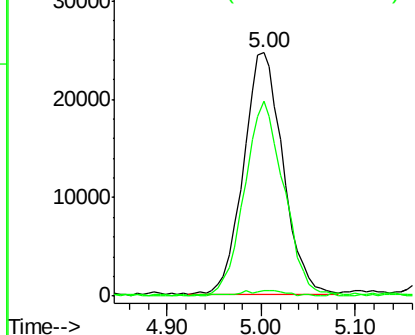
#28

Bromochloromethane
Concen: 19.296 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 49 Resp: 72450
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.4
130 80.7 67.0 100.4



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





#29

Tetrahydrofuran

Concen: 98.689 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

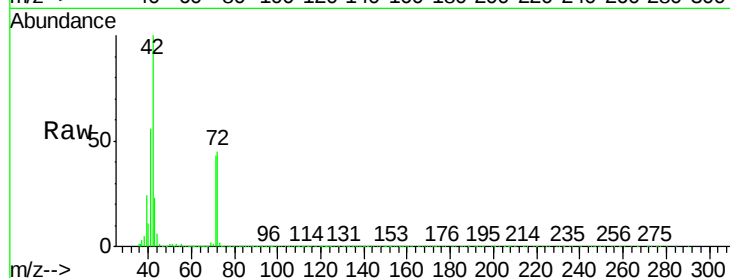
Tgt Ion: 42 Resp: 237827

Ion Ratio Lower Upper

42 100

72 45.1 36.2 54.4

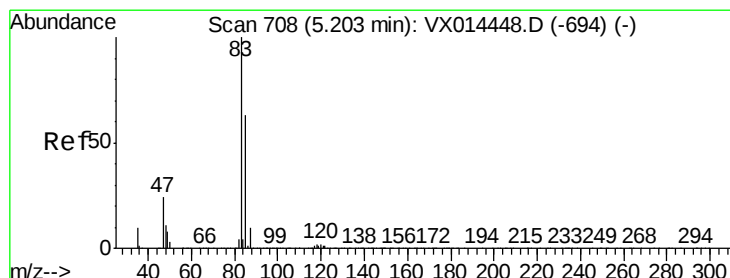
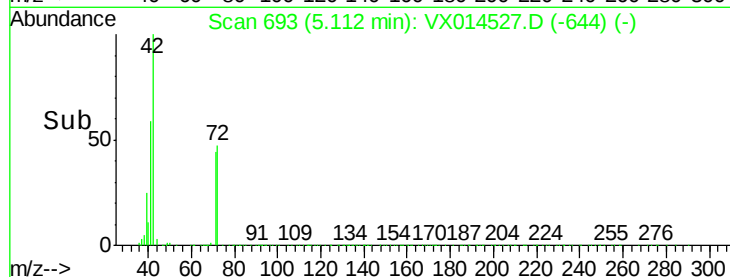
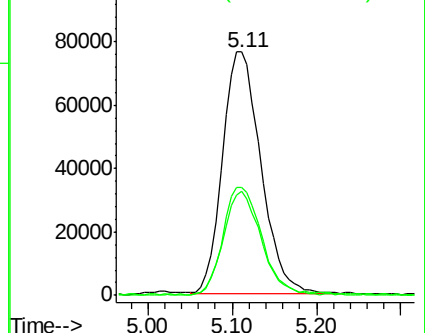
71 41.9 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.182 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014527.D

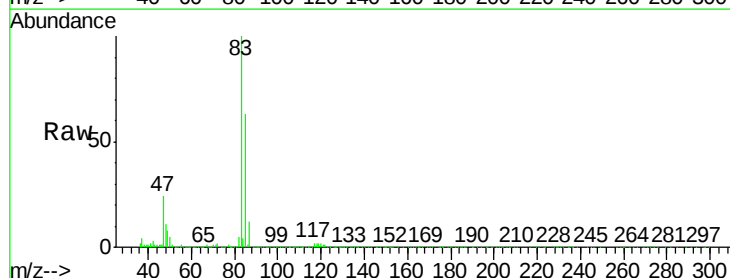
Acq: 10 Jan 2020 11:14

Tgt Ion: 83 Resp: 175723

Ion Ratio Lower Upper

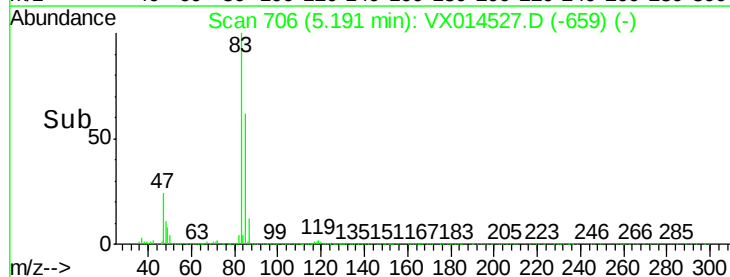
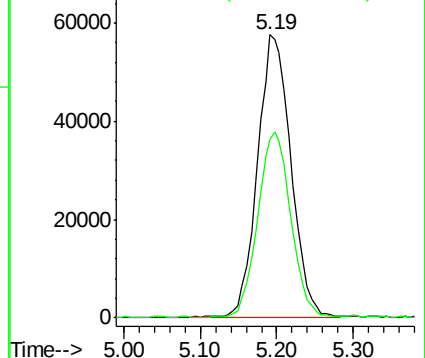
83 100

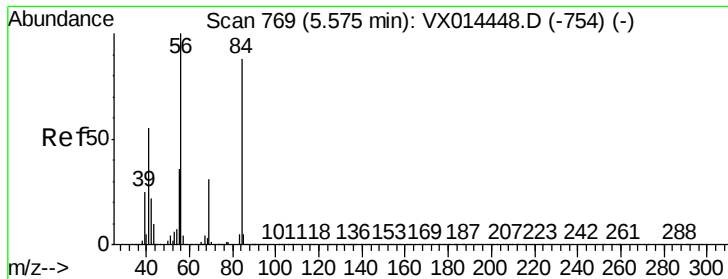
85 62.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

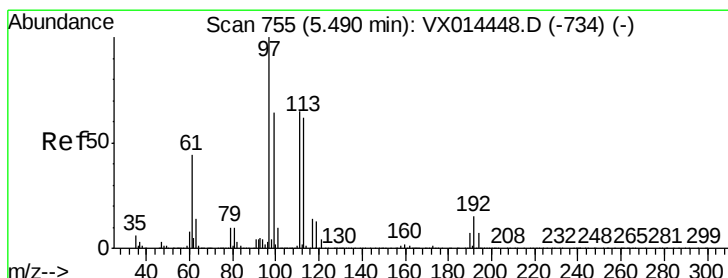
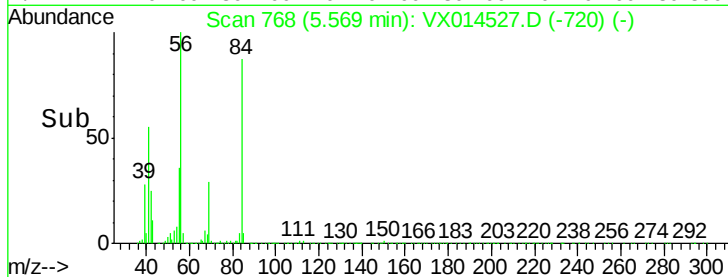
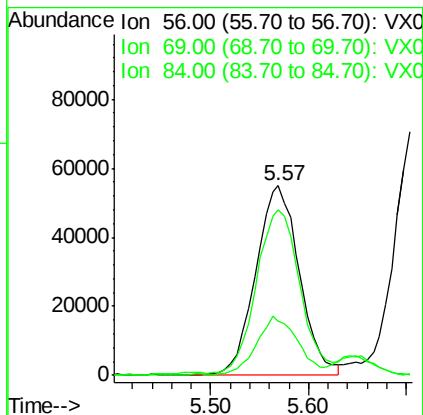
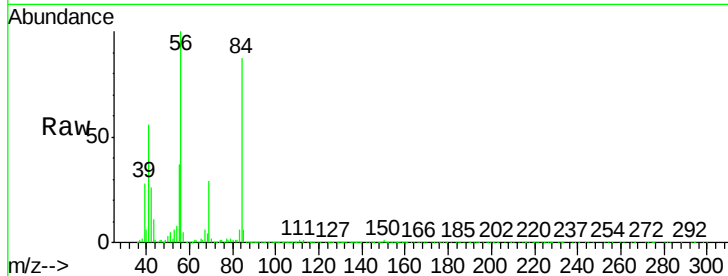




#31
Cyclohexane
Concen: 20.278 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

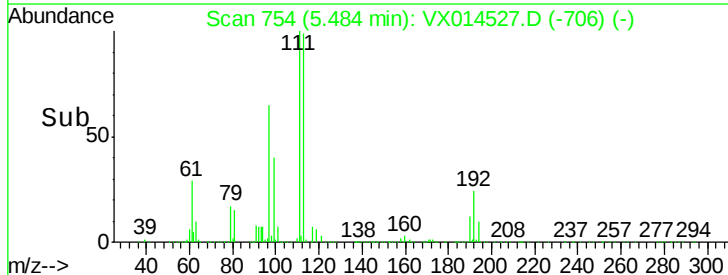
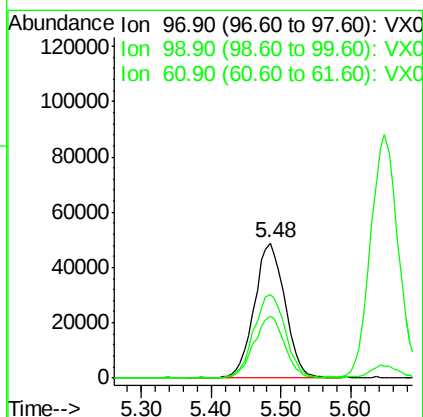
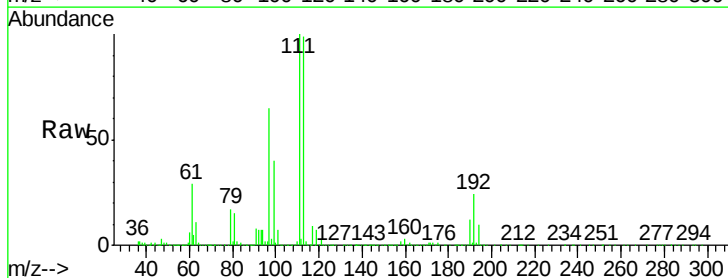
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

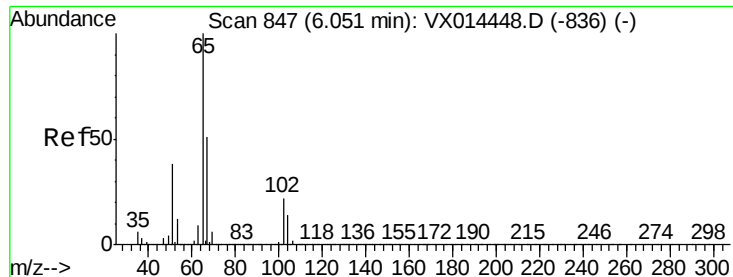
Tgt Ion: 56 Resp: 169125
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 85.7 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 20.009 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 97 Resp: 149124
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 44.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

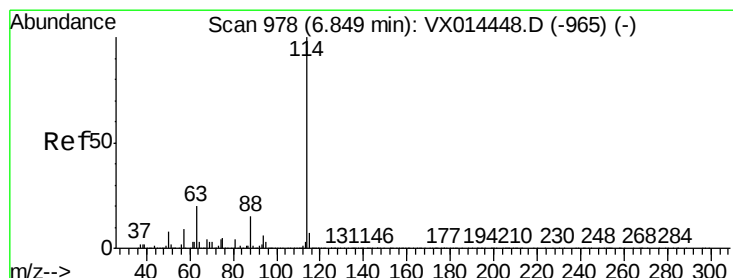
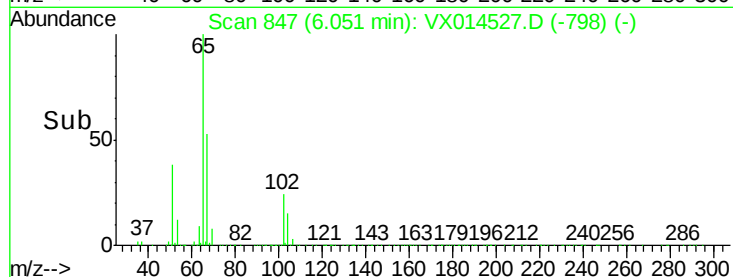
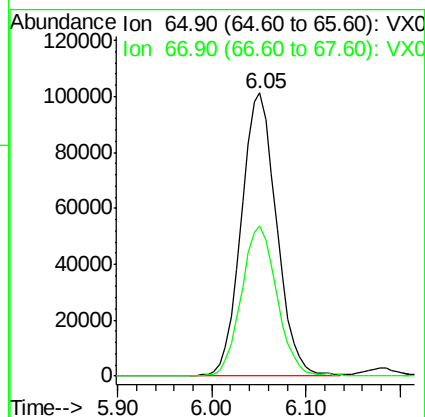
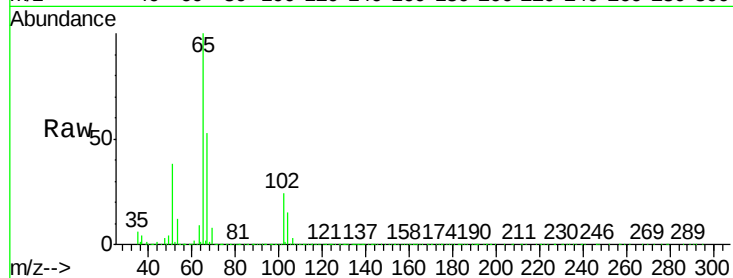
VX0110WBSD01

Tgt Ion: 65 Resp: 263302

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

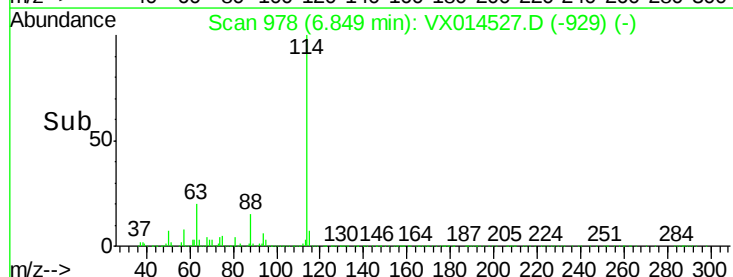
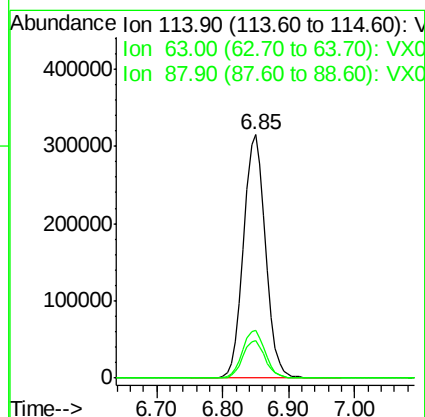
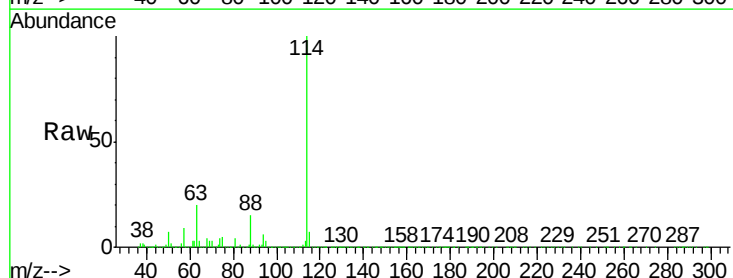
Tgt Ion: 114 Resp: 729210

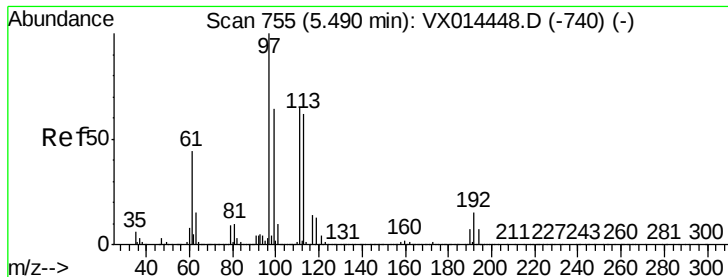
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

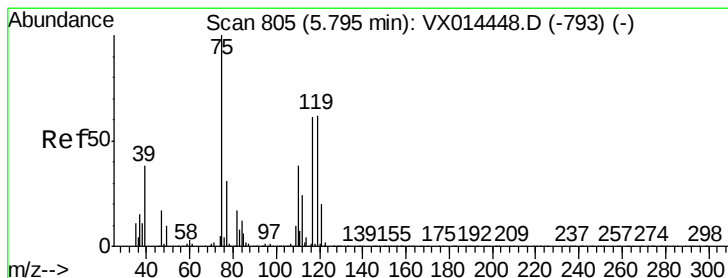
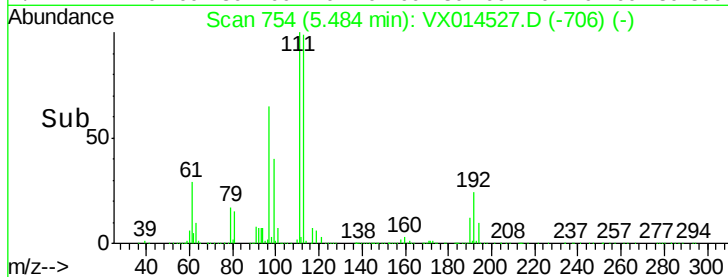
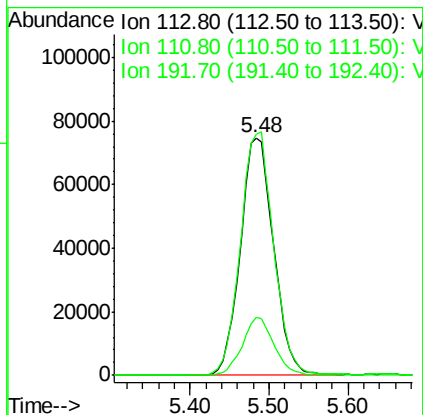
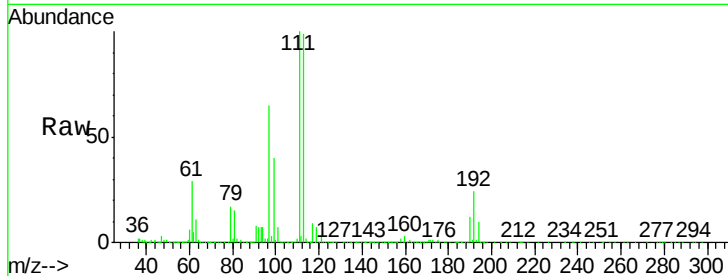
Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tgt Ion:	113	Resp:	218671
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.3	19.2	28.8



#36

1,1-Dichloropropene

Concen: 19.422 ug/l

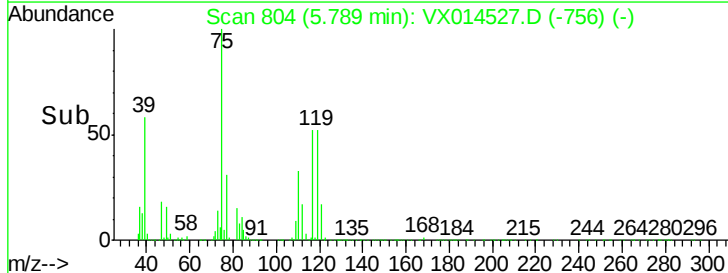
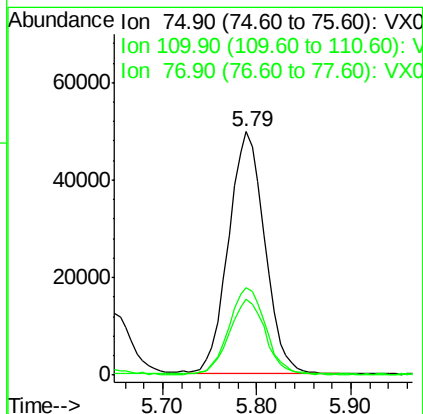
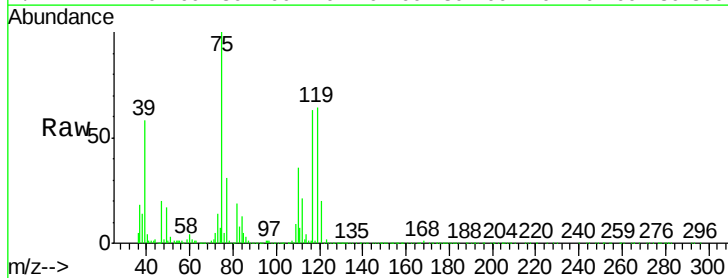
RT: 5.79 min Scan# 804

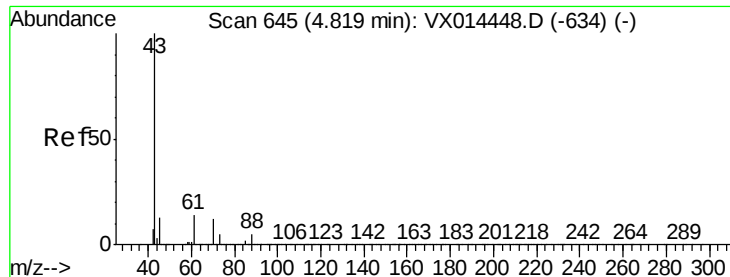
Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:	75	Resp:	133188
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	30.7	24.5	36.7

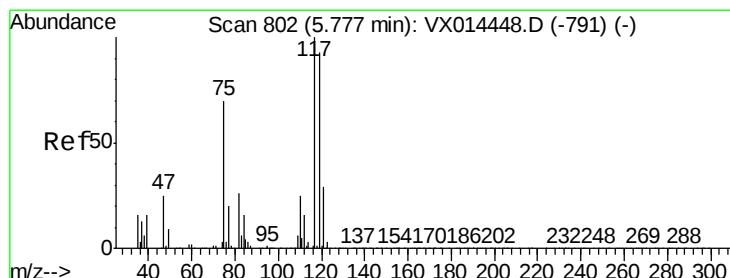
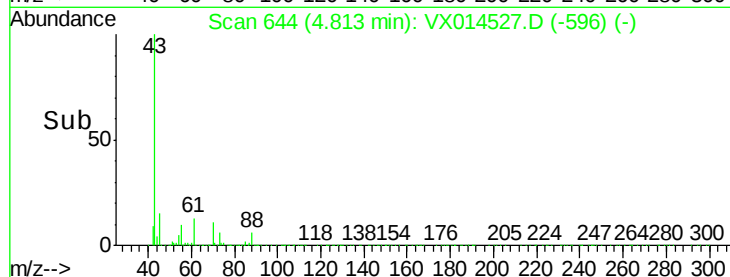
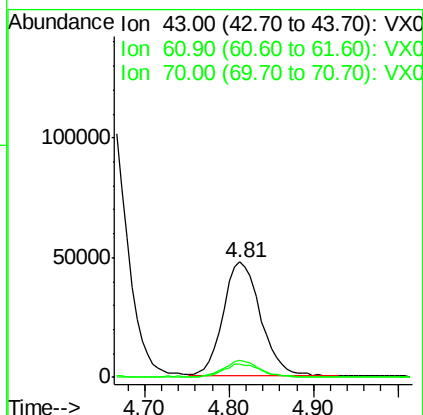
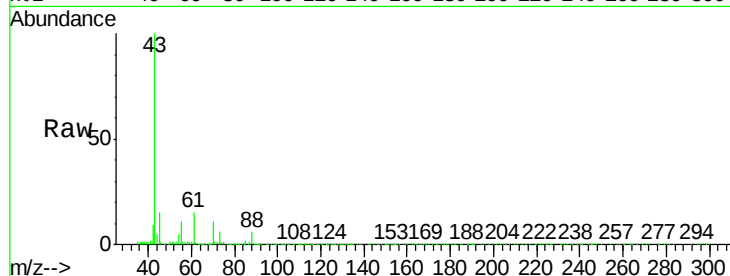




#37
Ethyl Acetate
Concen: 19.543 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

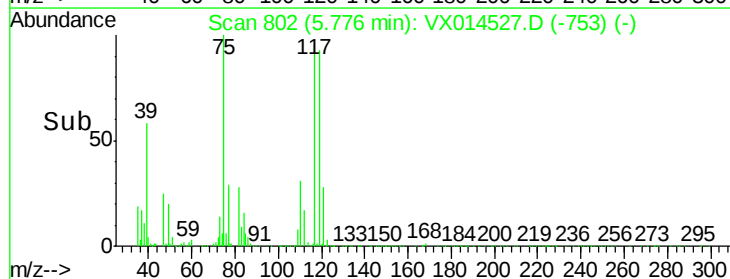
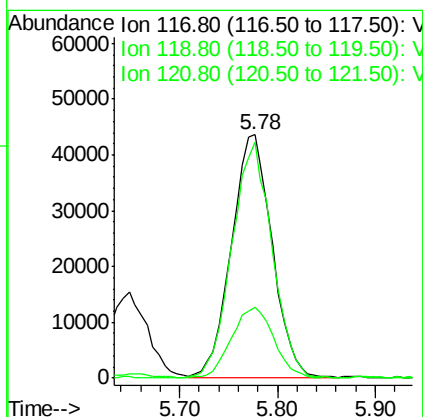
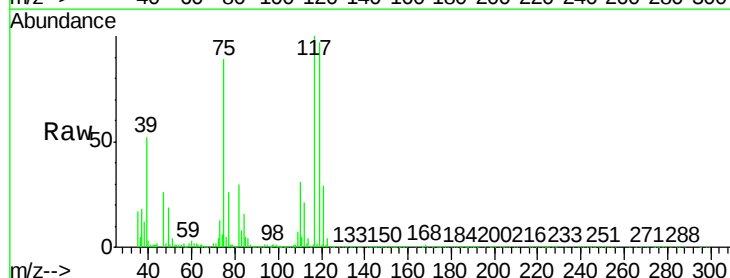
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

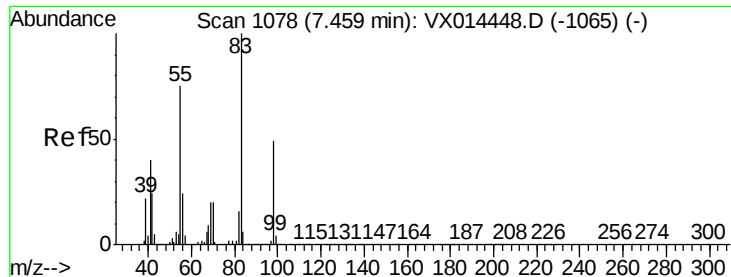
Tgt Ion: 43 Resp: 145570
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.847 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 117 Resp: 125243
Ion Ratio Lower Upper
117 100
119 97.0 73.8 110.8
121 28.7 23.4 35.0

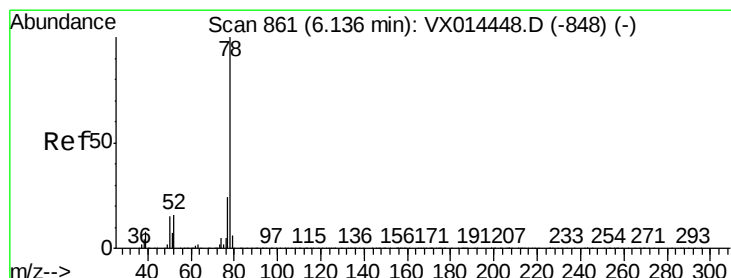
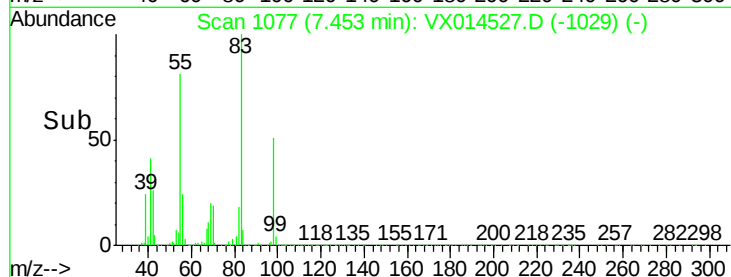
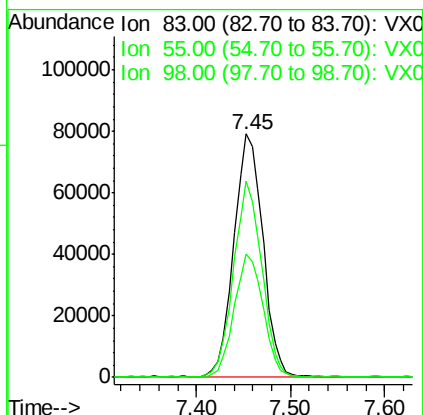
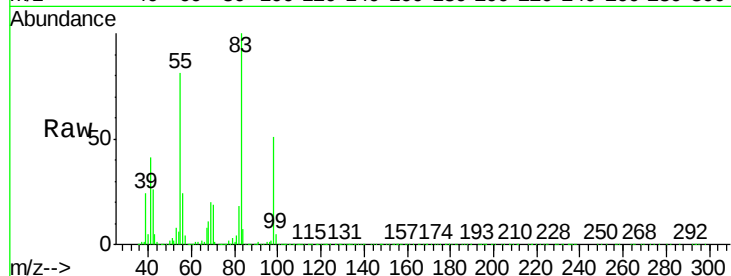




#39
Methylcyclohexane
Concen: 19.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

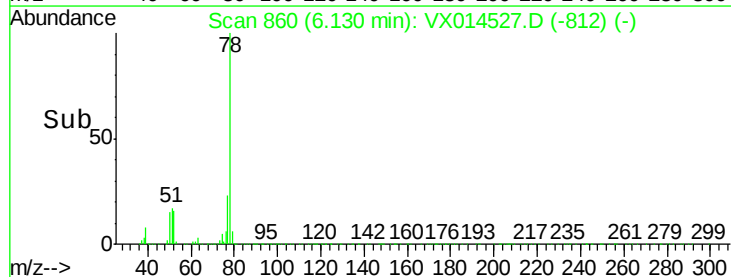
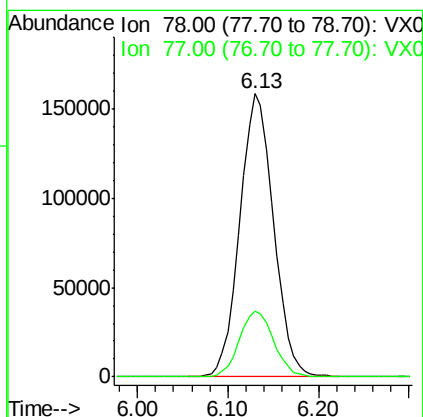
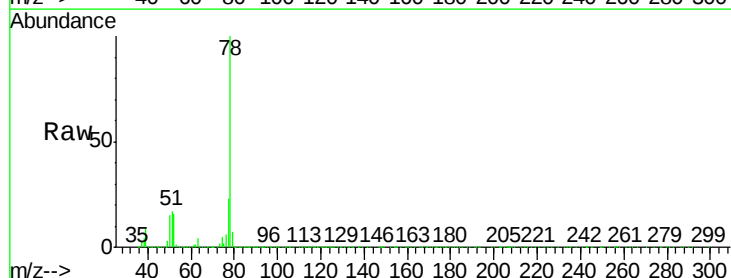
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

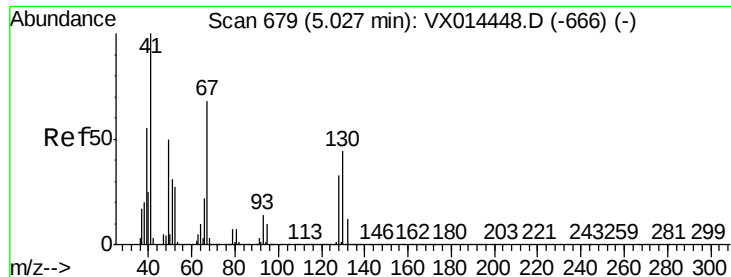
Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.3	59.7	89.5
98	50.6	39.1	58.7



#40
Benzene
Concen: 20.095 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





#41

Methacrylonitrile

Concen: 19.396 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tgt Ion: 41 Resp: 77045

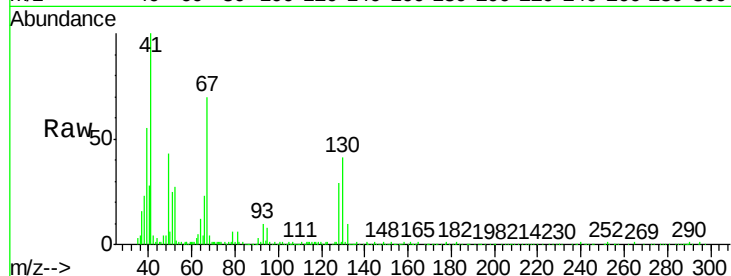
Ion Ratio Lower Upper

41 100

39 56.9 43.6 65.4

67 72.8 57.9 86.9

52 33.2 23.0 34.6

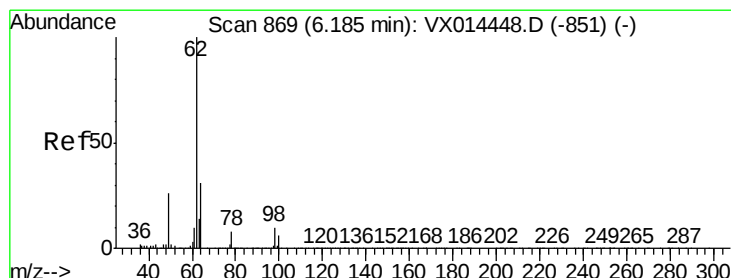
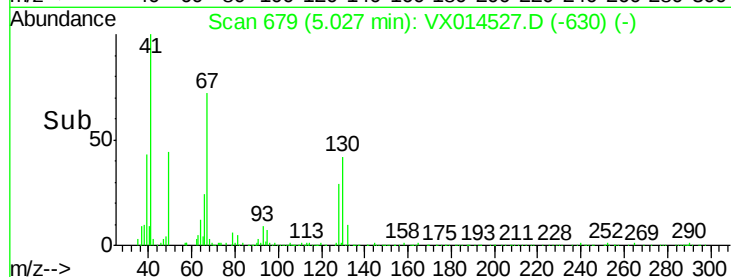
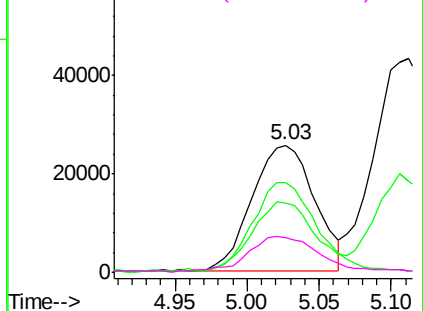


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.827 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014527.D

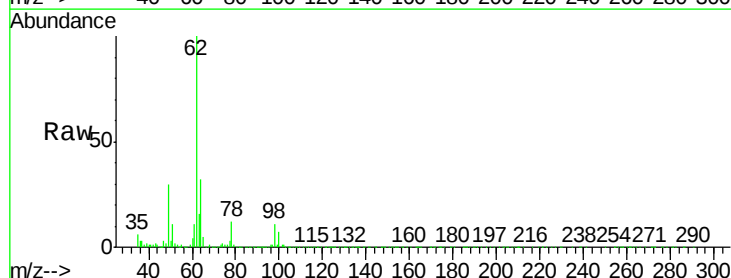
Acq: 10 Jan 2020 11:14

Tgt Ion: 62 Resp: 141092

Ion Ratio Lower Upper

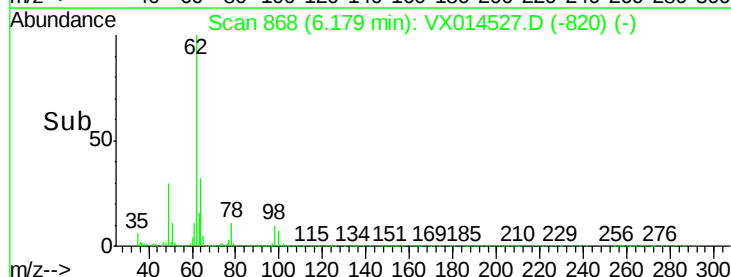
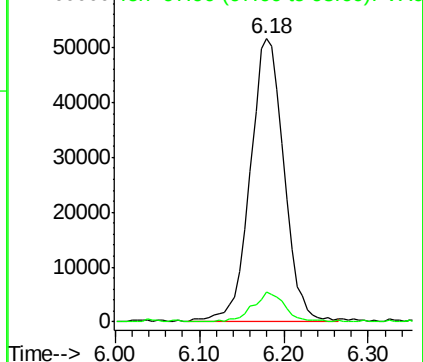
62 100

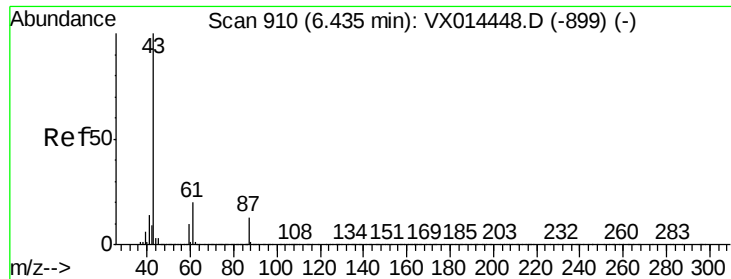
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.842 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

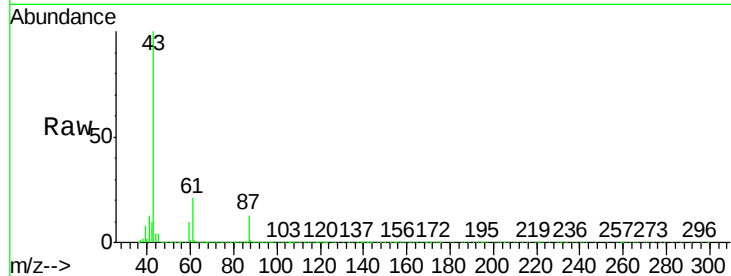
Tgt Ion: 43 Resp: 238761

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

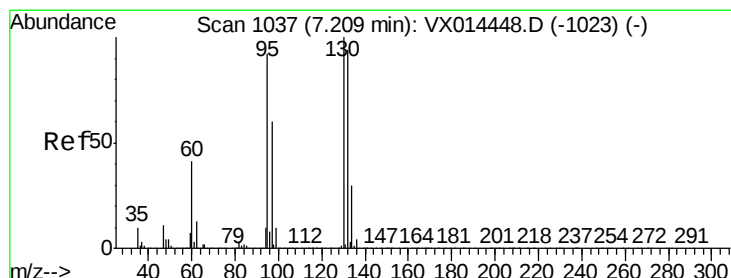
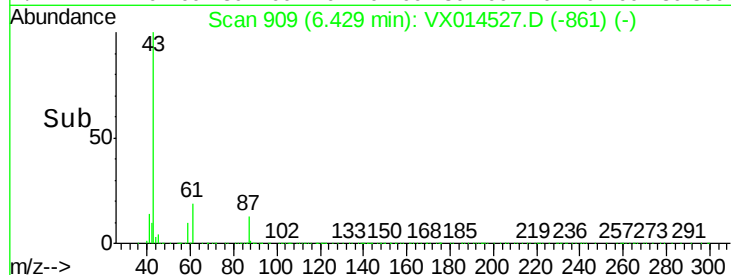
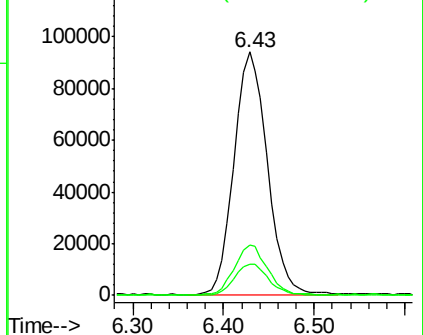
87 13.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.837 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014527.D

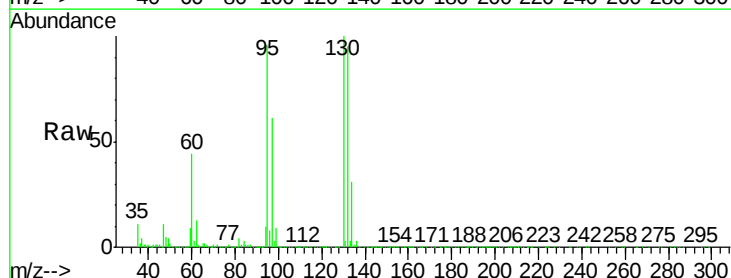
Acq: 10 Jan 2020 11:14

Tgt Ion: 130 Resp: 116029

Ion Ratio Lower Upper

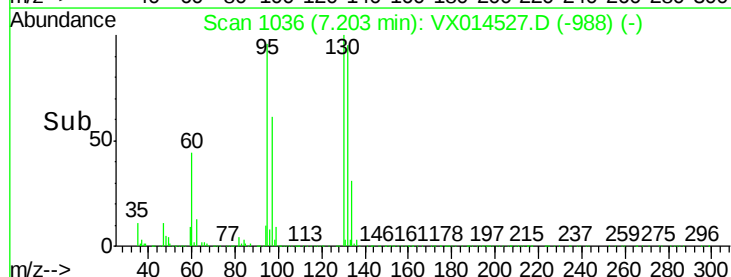
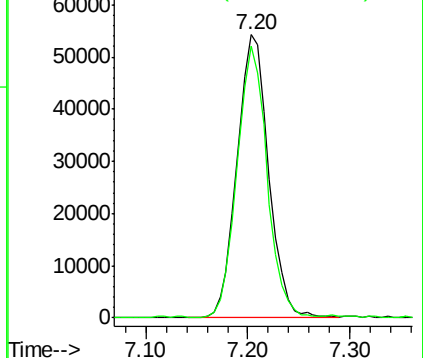
130 100

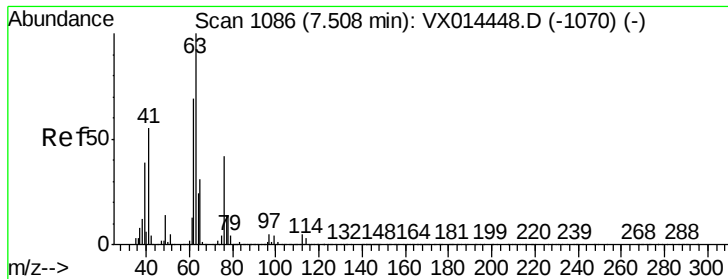
95 95.8 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

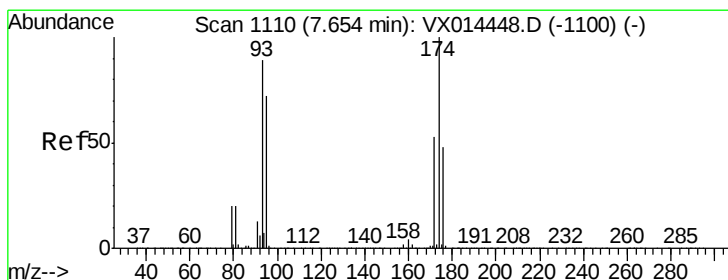
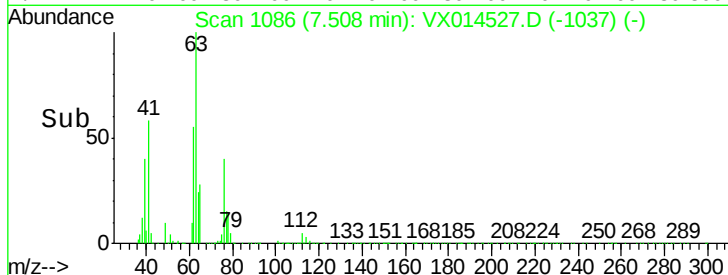
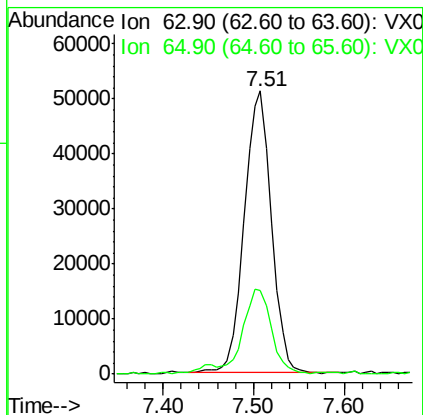
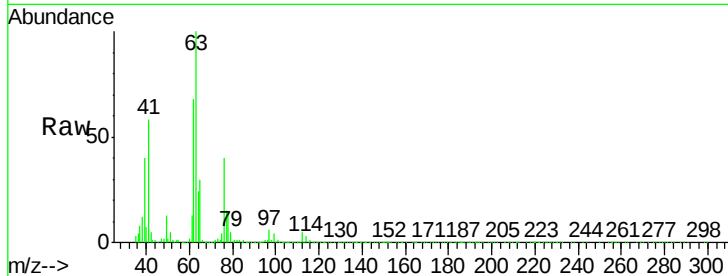




#45
 1,2-Dichloropropane
 Concen: 20.411 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

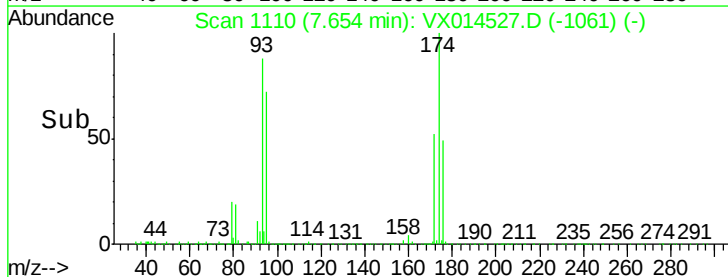
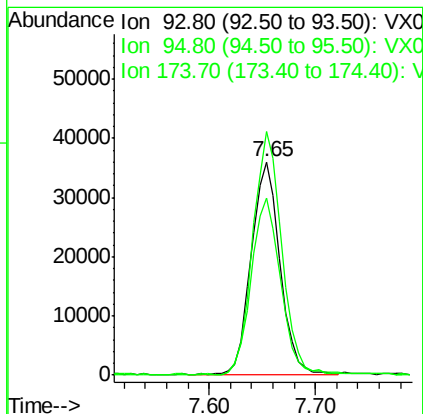
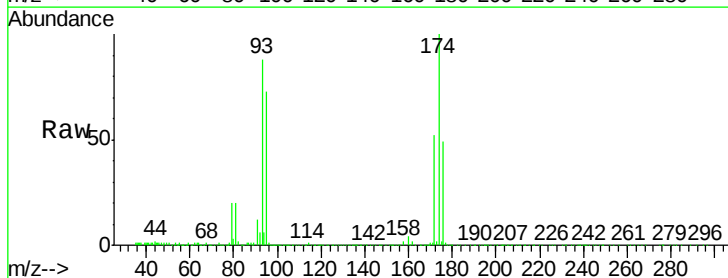
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

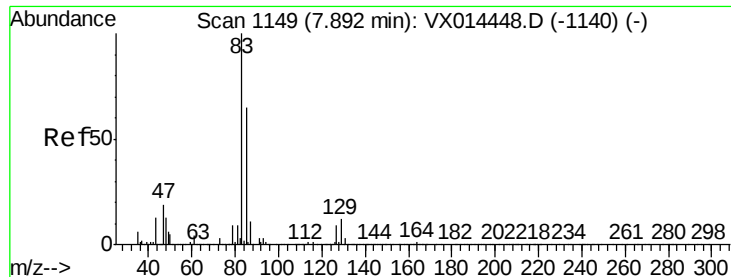
Tgt Ion: 63 Resp: 105911
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.8 37.2



#46
 Dibromomethane
 Concen: 19.062 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion: 93 Resp: 69037
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.4 98.2
 174 114.5 93.0 139.4





#47

Bromodichloromethane

Concen: 20.032 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

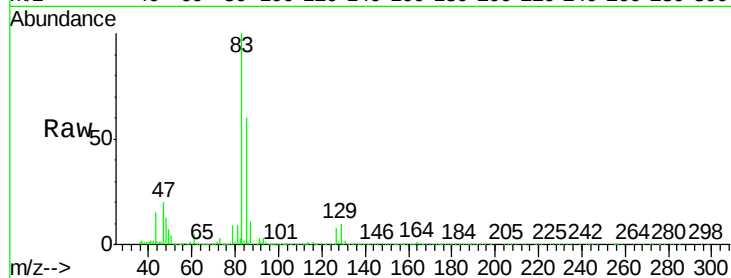
Tgt Ion: 83 Resp: 132012

Ion Ratio Lower Upper

83 100

85 59.7 51.7 77.5

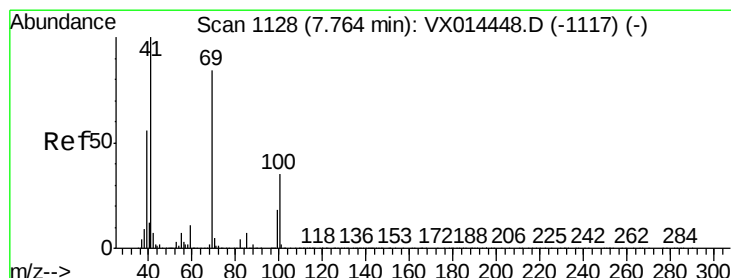
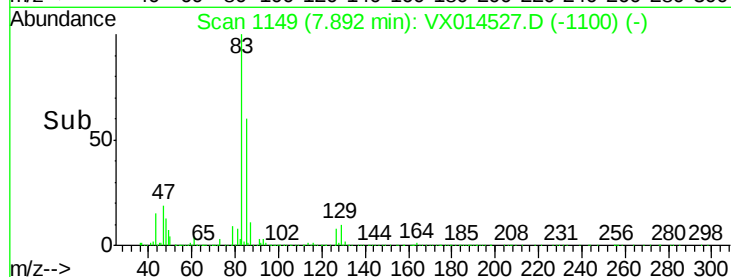
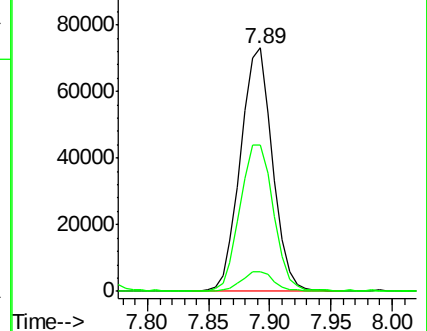
127 7.8 7.1 10.7



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: 20.072 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

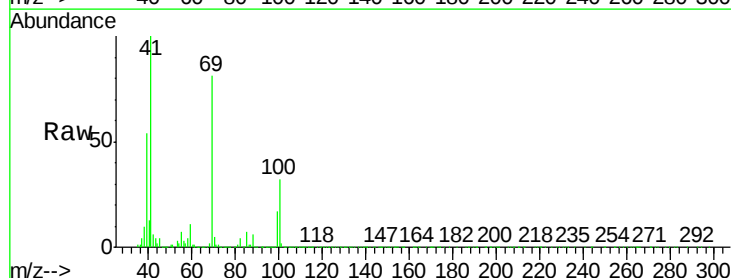
Tgt Ion: 41 Resp: 115678

Ion Ratio Lower Upper

41 100

69 83.0 65.5 98.3

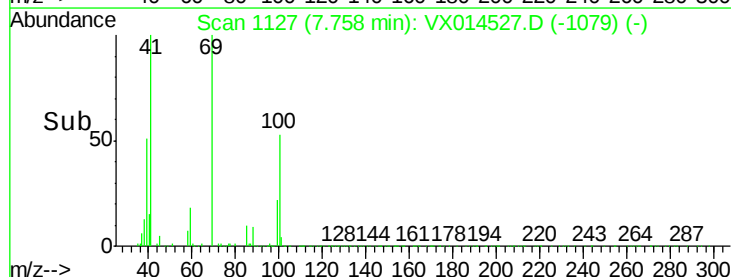
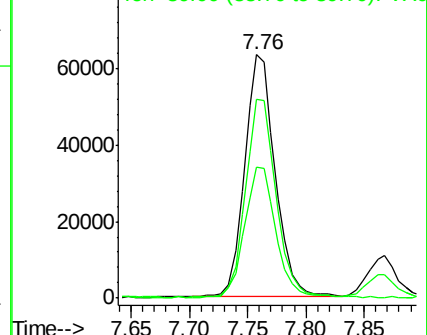
39 56.5 43.9 65.9

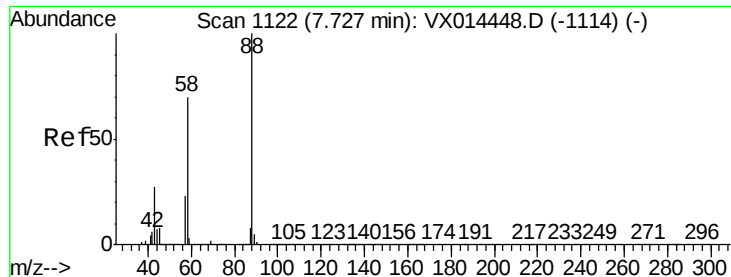


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.285 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

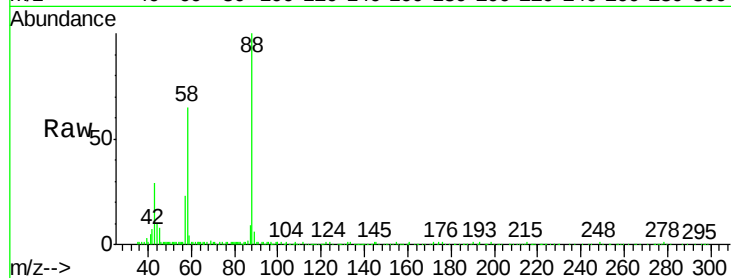
Tgt Ion: 88 Resp: 49369

Ion Ratio Lower Upper

88 100

43 33.1 27.4 41.0

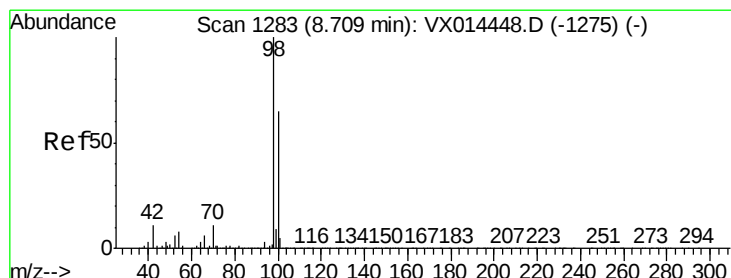
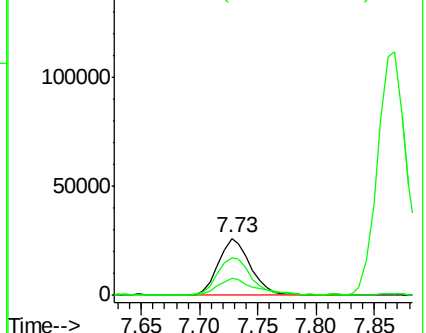
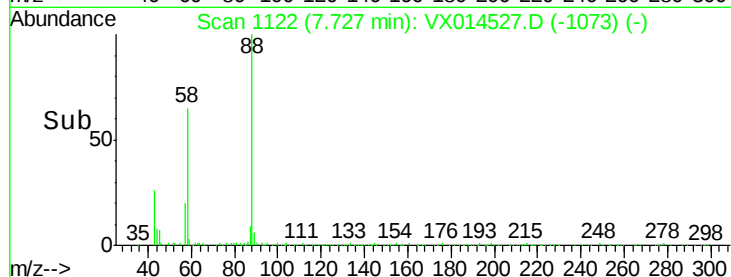
58 69.2 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.260 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014527.D

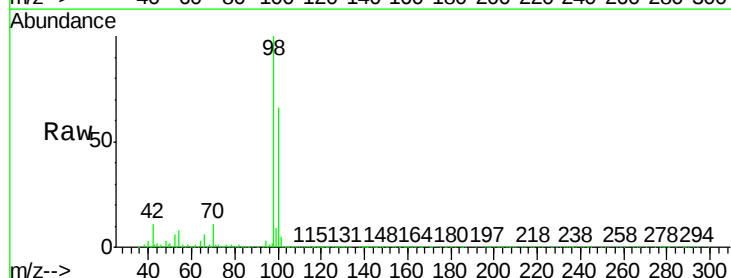
Acq: 10 Jan 2020 11:14

Tgt Ion: 98 Resp: 843828

Ion Ratio Lower Upper

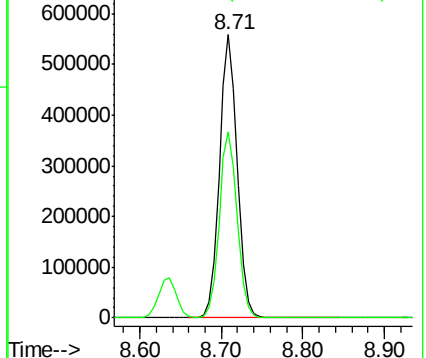
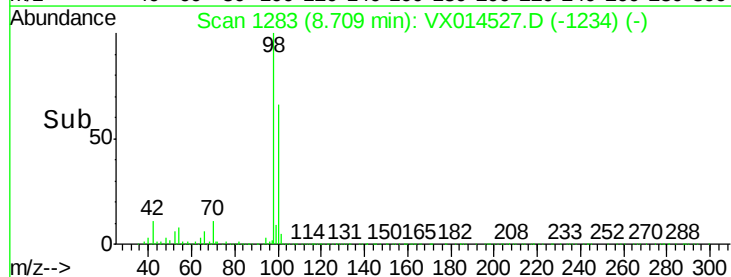
98 100

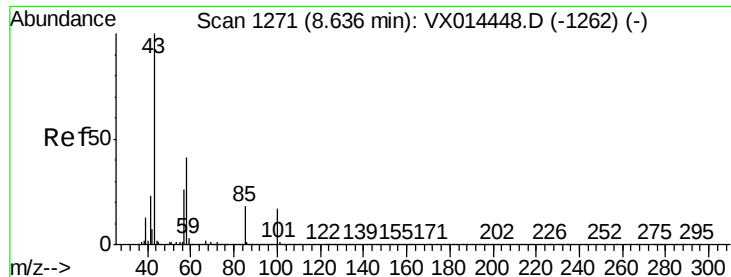
100 66.4 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

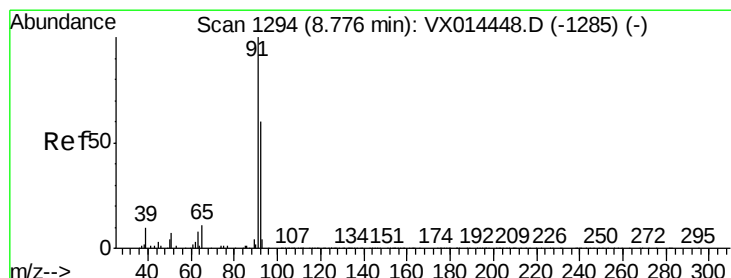
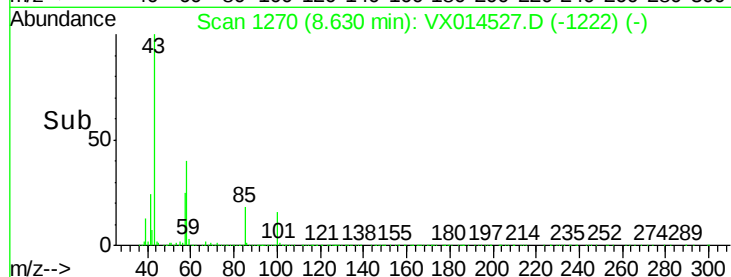
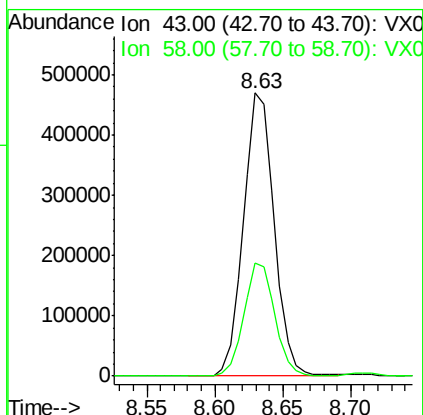
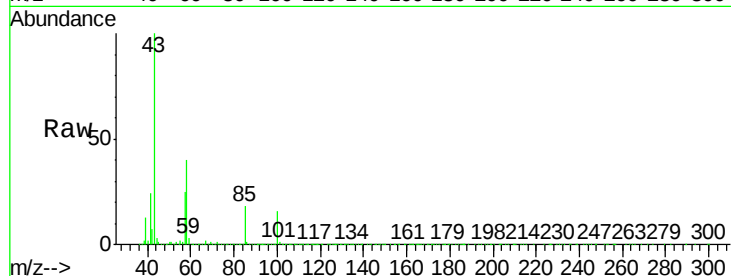




#51
4-Methyl-2-Pentanone
Concen: 101.344 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

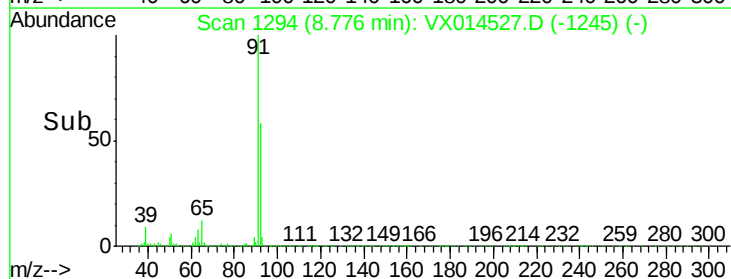
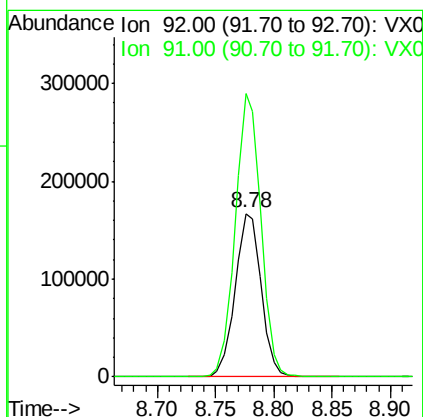
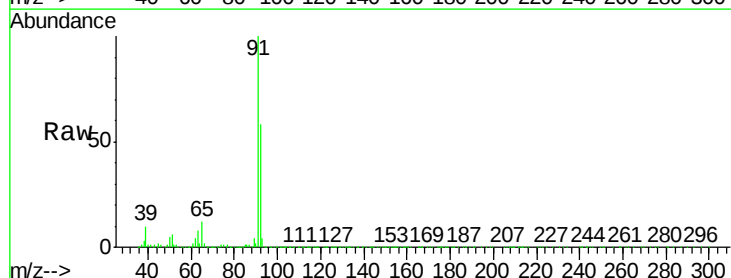
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tgt Ion: 43 Resp: 743101
Ion Ratio Lower Upper
43 100
58 39.9 32.4 48.6



#52
Toluene
Concen: 19.880 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 92 Resp: 259016
Ion Ratio Lower Upper
92 100
91 171.4 135.7 203.5

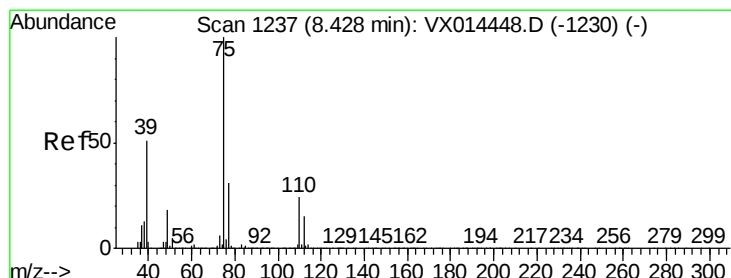
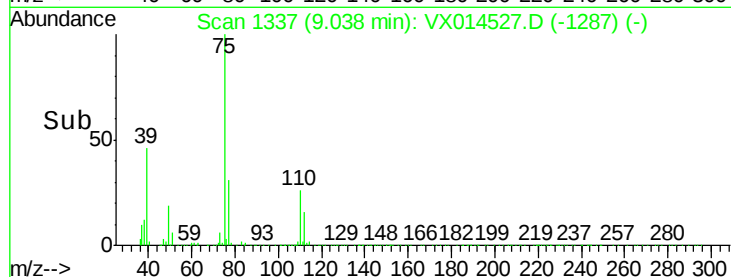
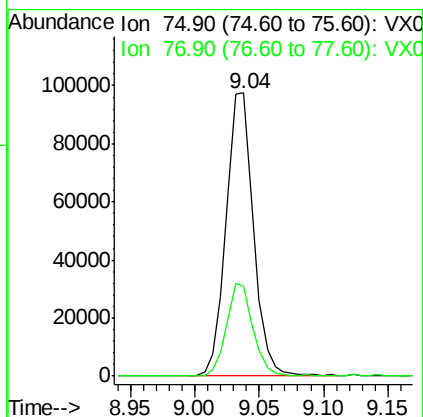
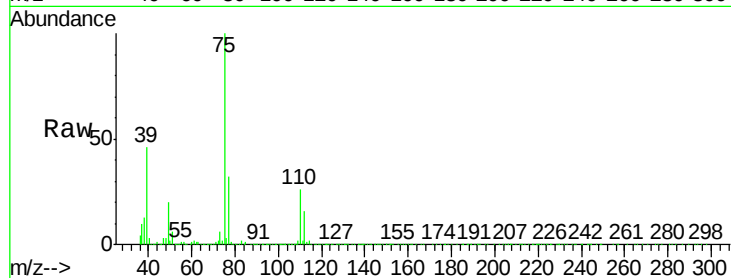




#53
t-1,3-Dichloropropene
Concen: 19.016 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

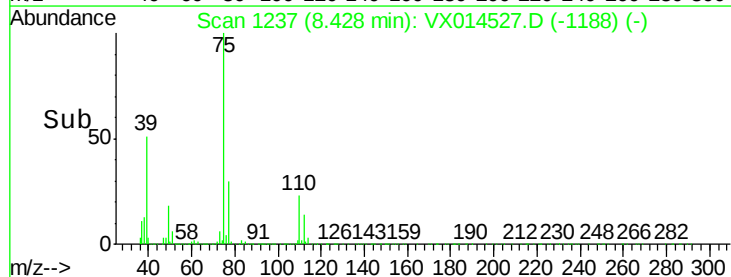
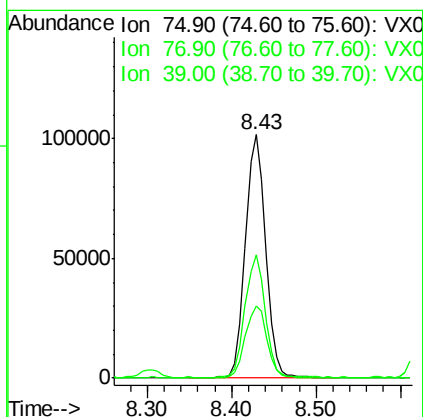
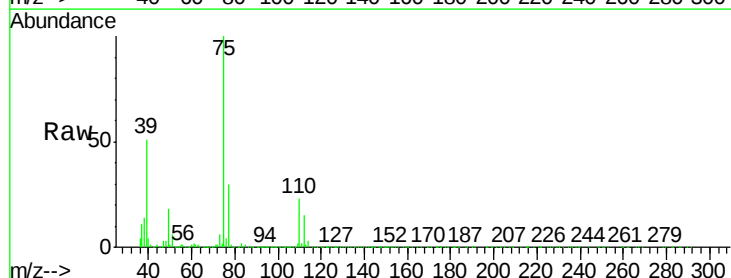
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

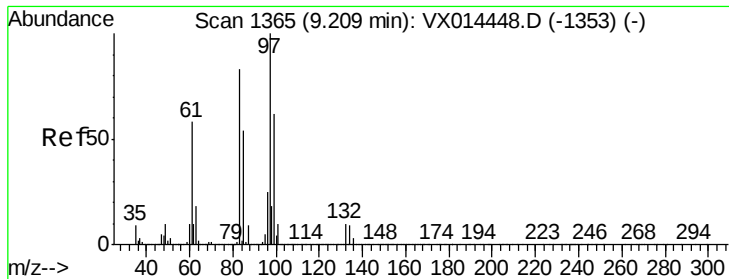
Tgt Ion: 75 Resp: 145895
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.927 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 75 Resp: 165152
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.4
39 50.2 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 19.783 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

Tgt Ion: 97 Resp: 103526

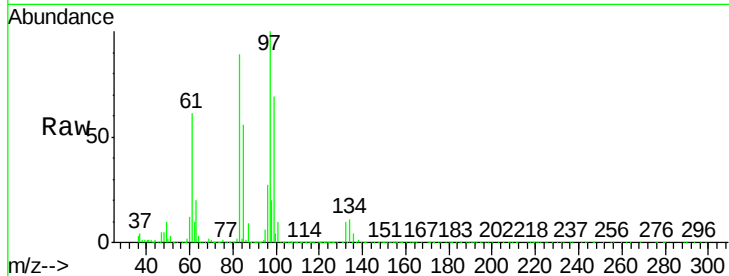
Ion Ratio Lower Upper

97 100

83 88.9 66.4 99.6

85 55.3 43.4 65.2

99 68.7 49.6 74.4

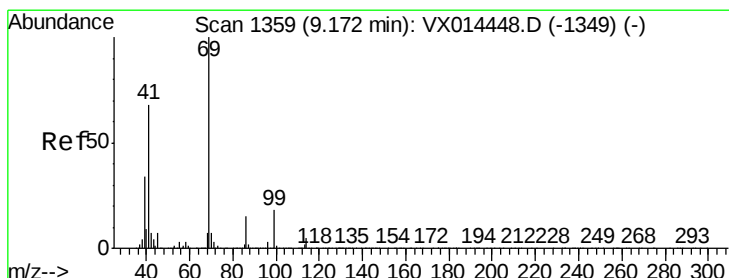
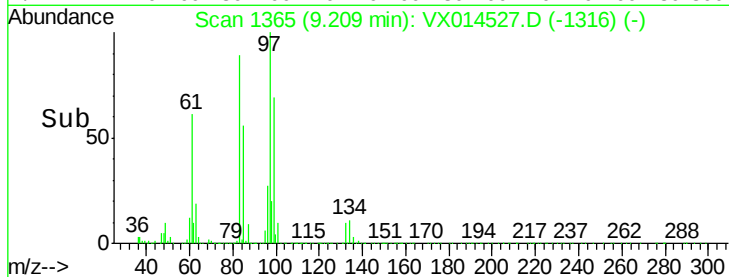
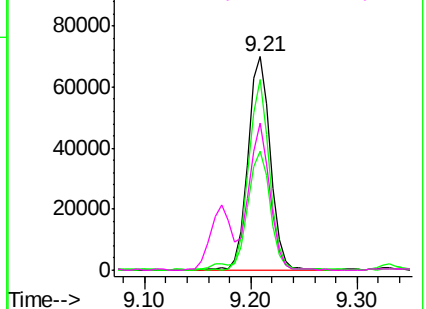


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.777 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

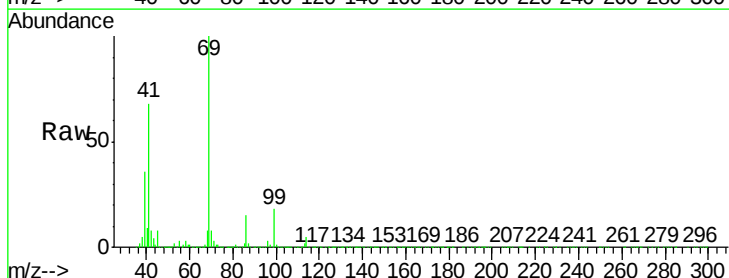
Tgt Ion: 69 Resp: 158560

Ion Ratio Lower Upper

69 100

41 69.1 54.2 81.2

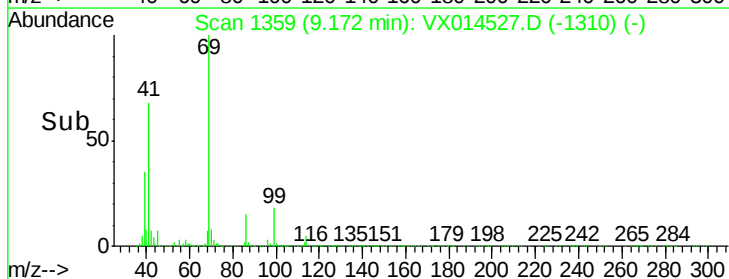
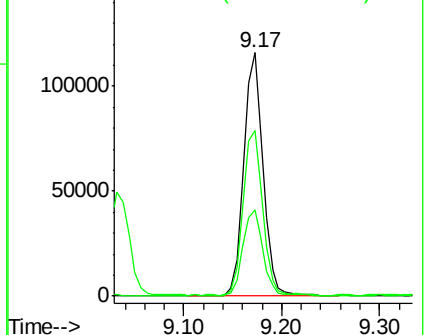
39 37.1 28.2 42.2

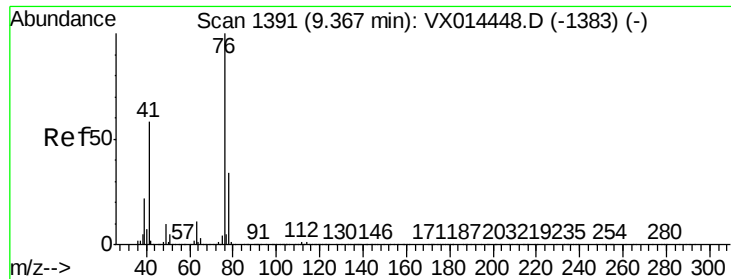


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.859 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

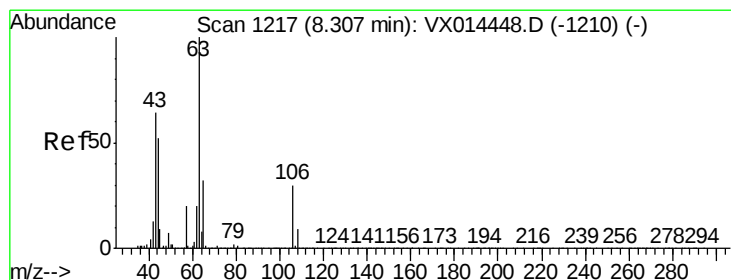
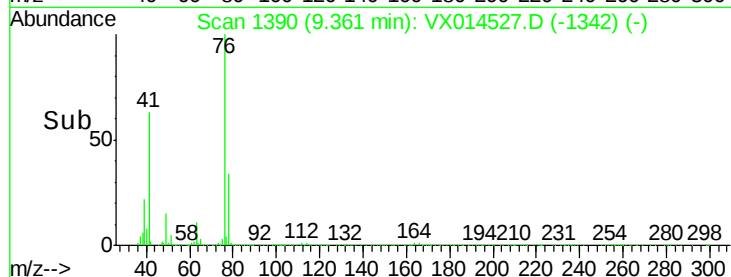
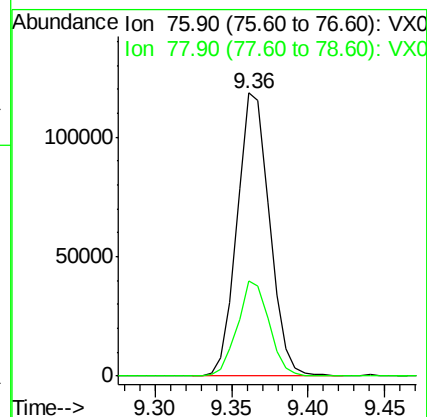
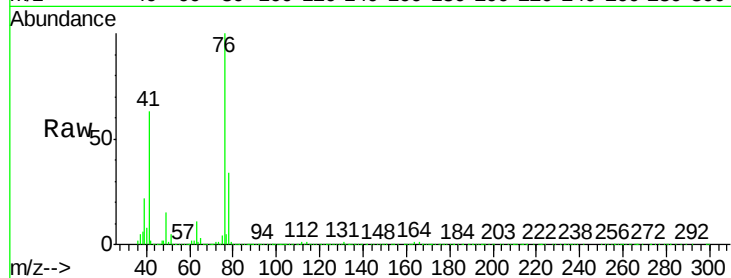
VX0110WBSD01

Tgt Ion: 76 Resp: 173769

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.880 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014527.D

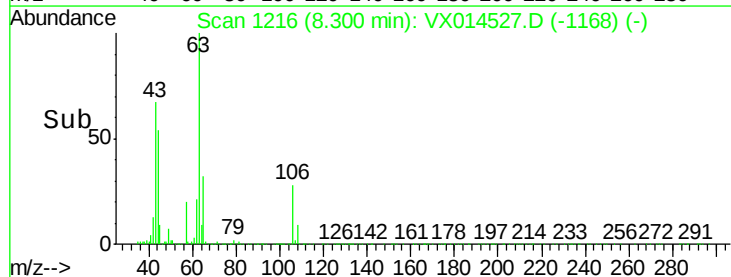
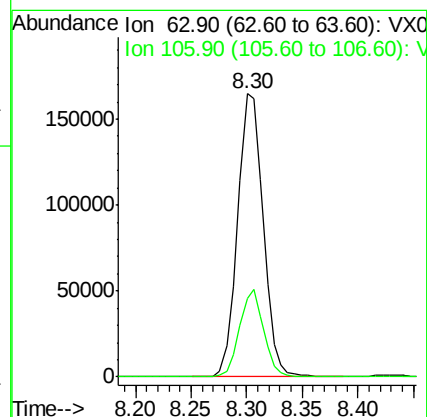
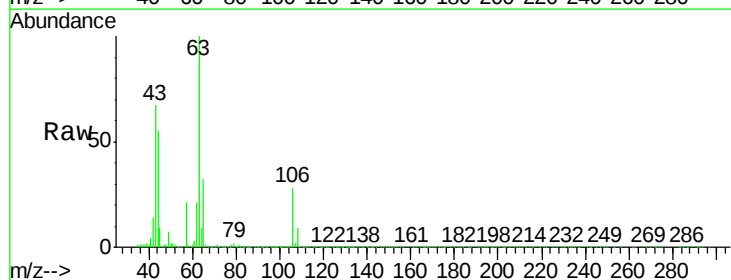
Acq: 10 Jan 2020 11:14

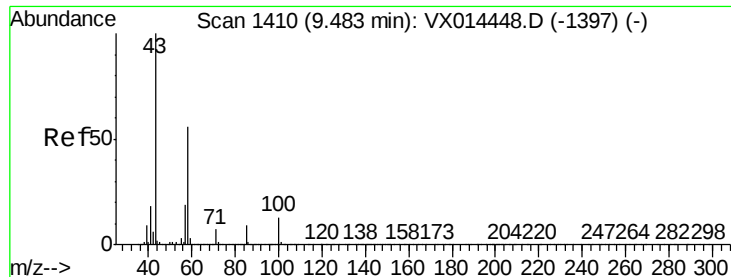
Tgt Ion: 63 Resp: 261543

Ion Ratio Lower Upper

63 100

106 29.3 23.6 35.4

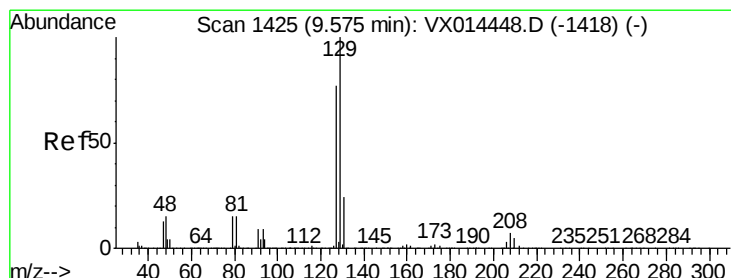
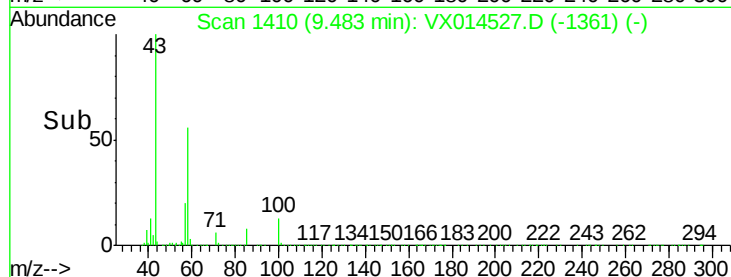
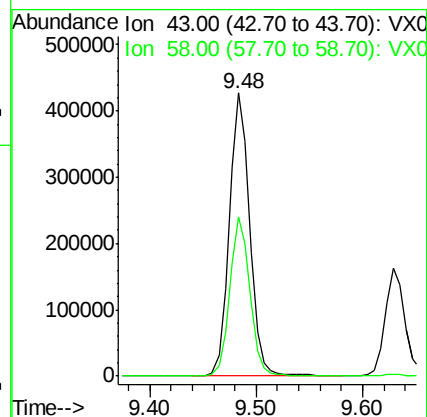
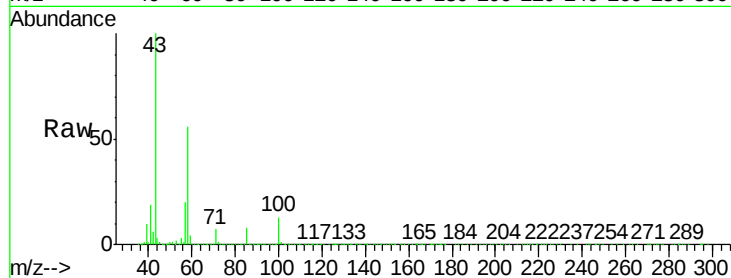




#59
2-Hexanone
Concen: 98.663 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

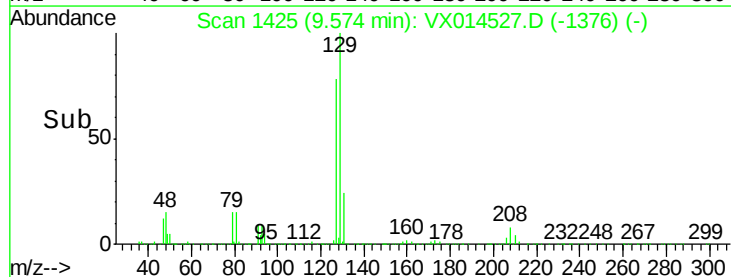
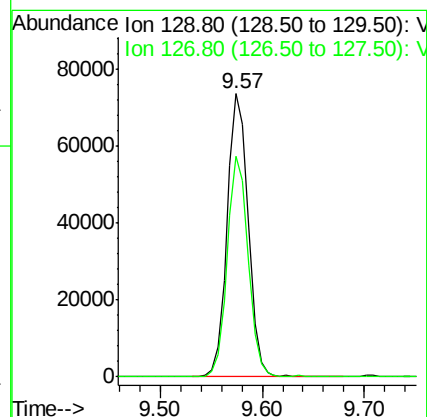
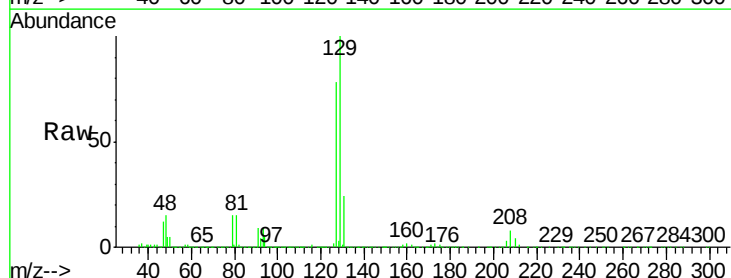
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

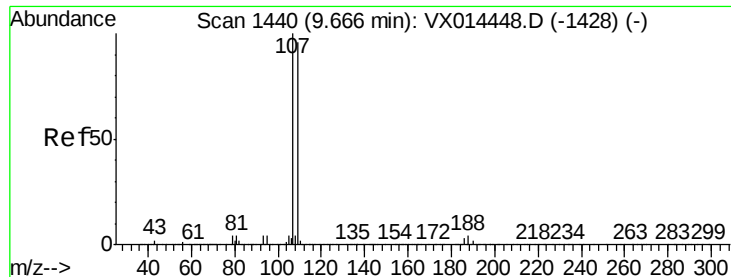
Tgt Ion: 43 Resp: 572421
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7



#60
Dibromochloromethane
Concen: 20.077 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion: 129 Resp: 105607
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.256 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

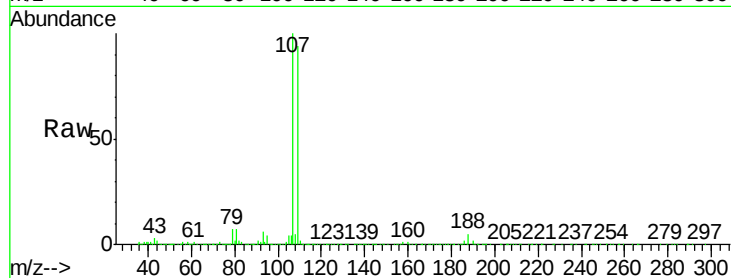
VX0110WBSD01

Tgt Ion: 107 Resp: 106745

Ion Ratio Lower Upper

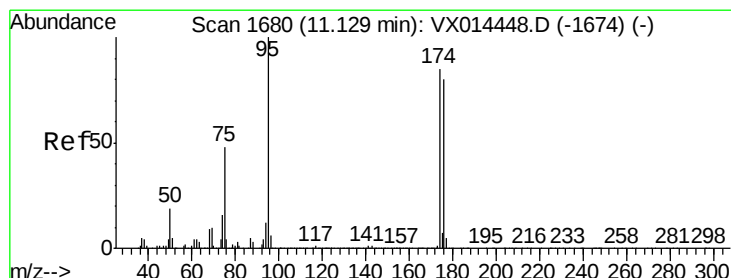
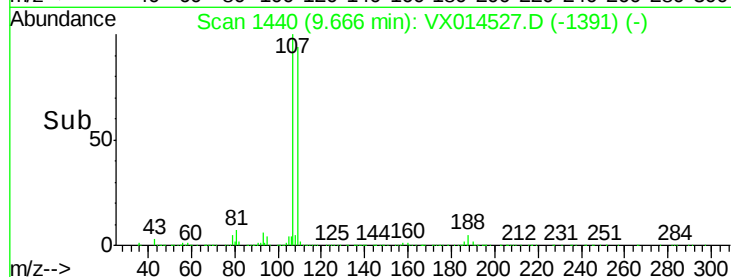
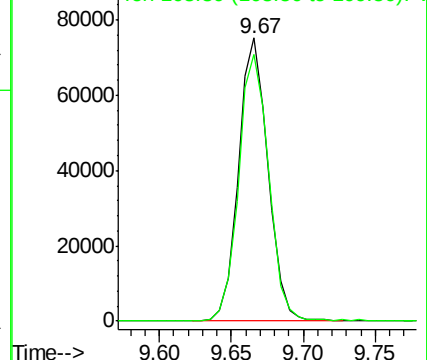
107 100

109 95.8 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.636 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

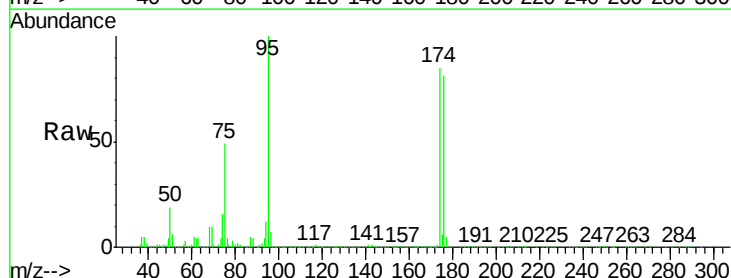
Tgt Ion: 95 Resp: 299565

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

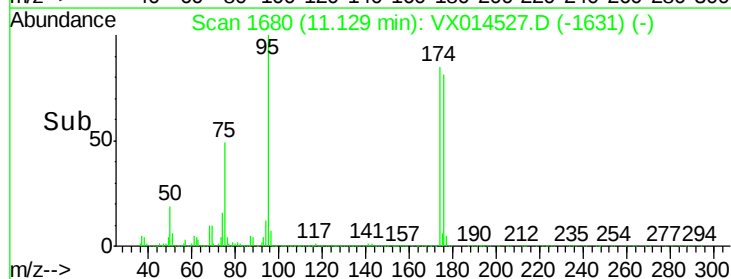
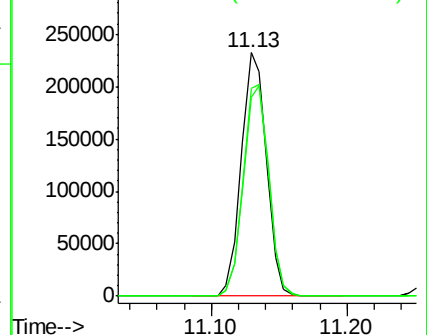
176 86.8 0.0 172.8

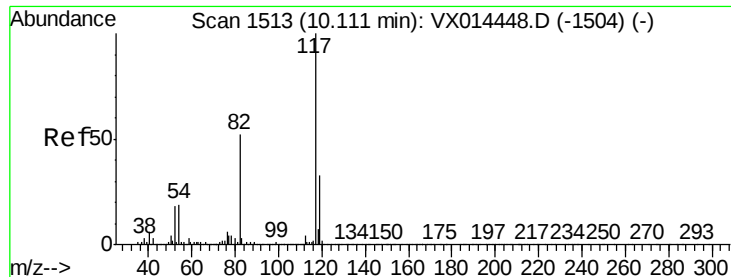


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

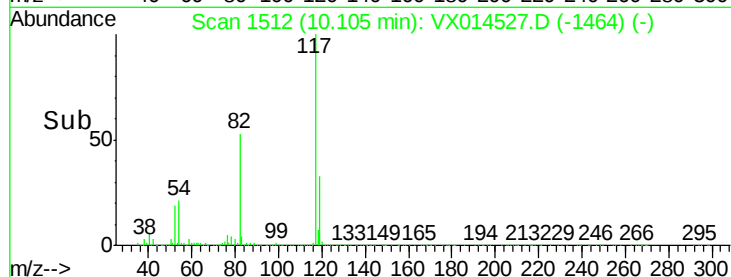
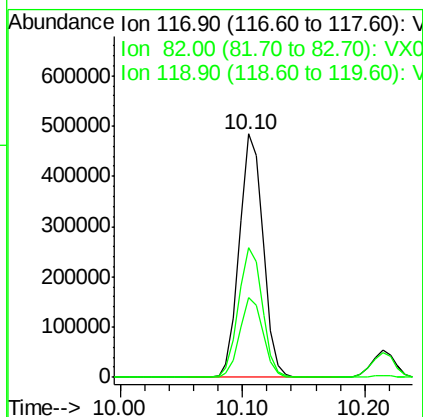
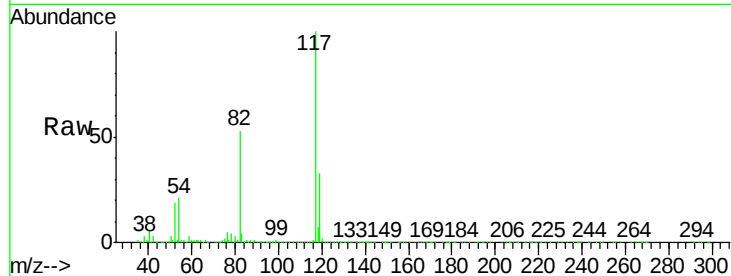




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

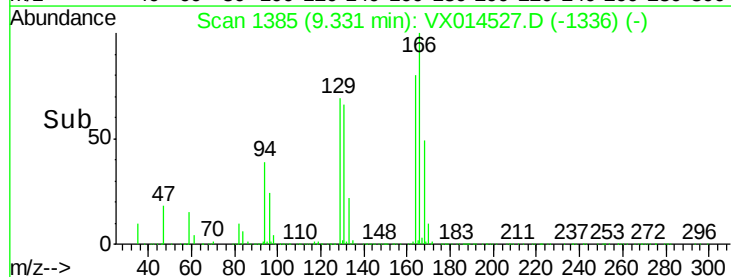
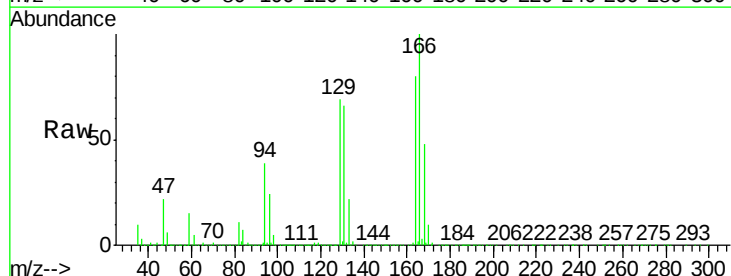
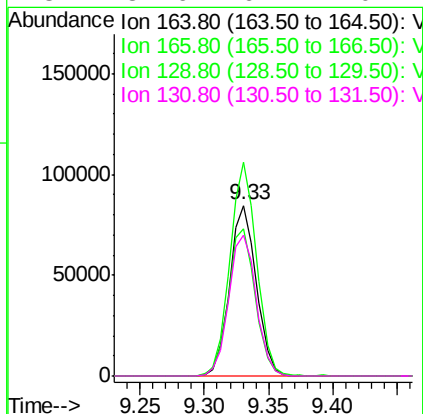
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

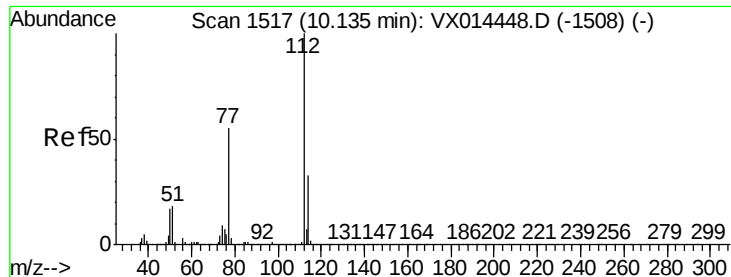
Tgt Ion:117 Resp: 647718
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 18.974 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion:164 Resp: 123173
Ion Ratio Lower Upper
164 100
166 125.1 101.2 151.8
129 86.2 68.3 102.5
131 82.6 67.4 101.2

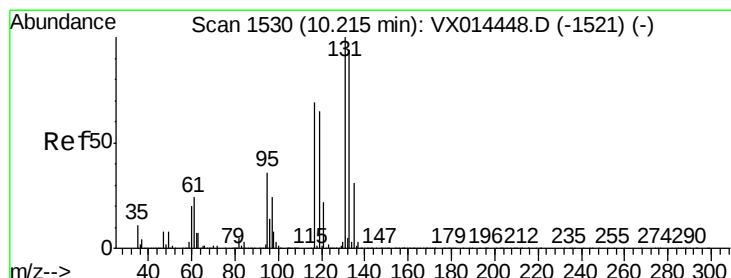
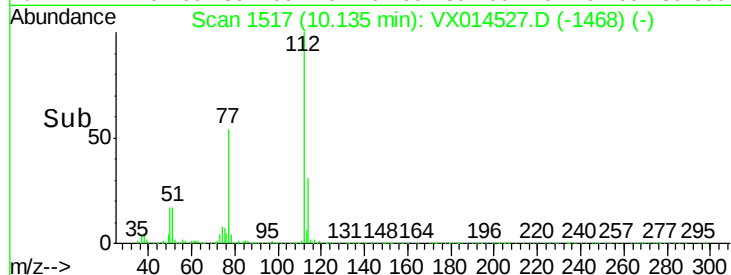
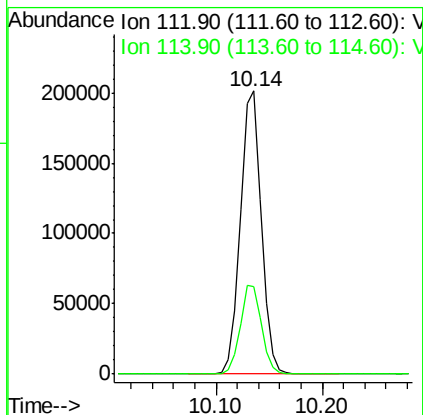
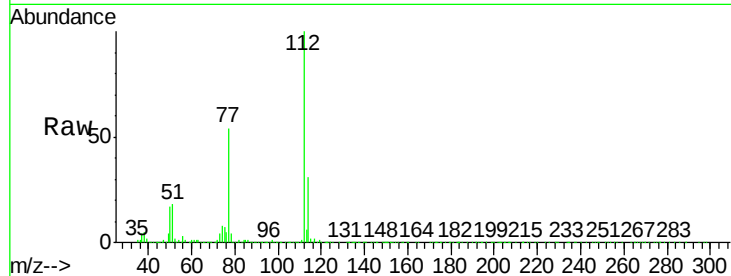




#65
Chlorobenzene
Concen: 19.857 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

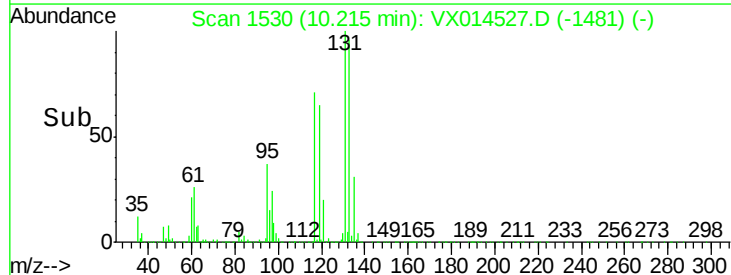
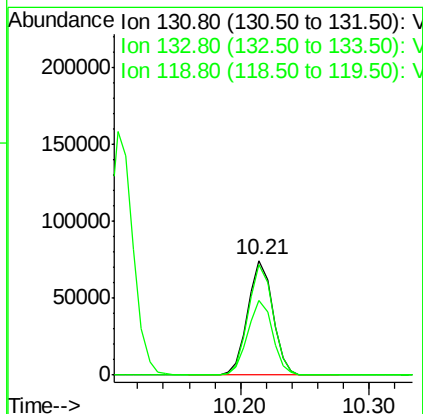
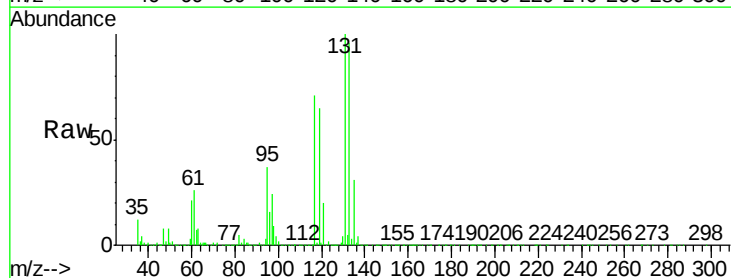
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

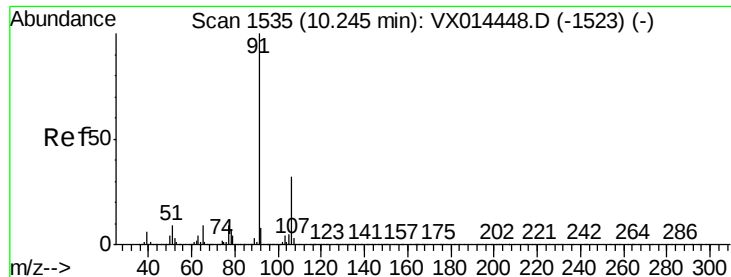
Tgt Ion:112 Resp: 279122
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.899 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion:131 Resp: 99821
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 64.7 32.8 98.4





#67

Ethyl Benzene

Concen: 20.406 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

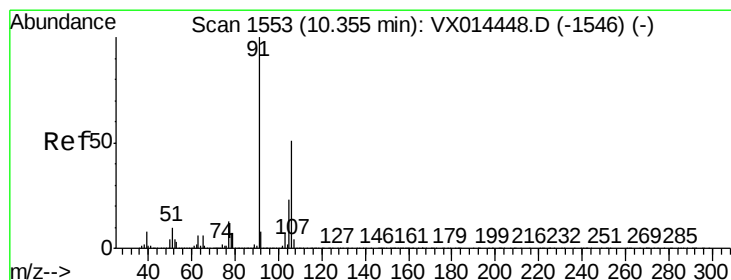
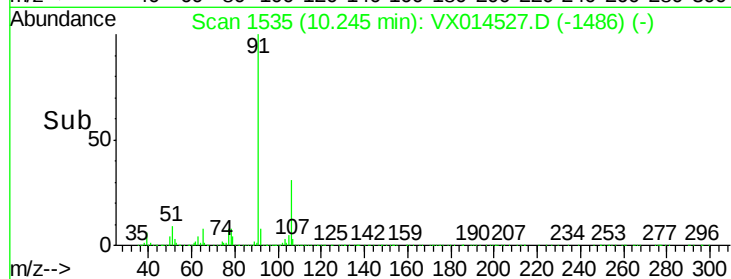
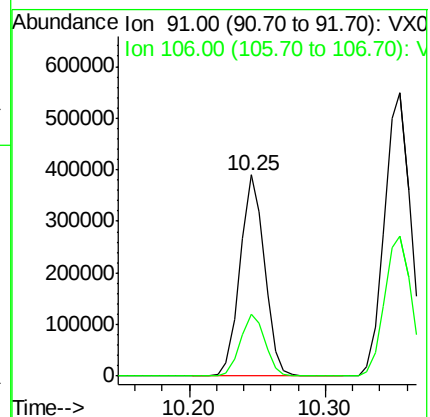
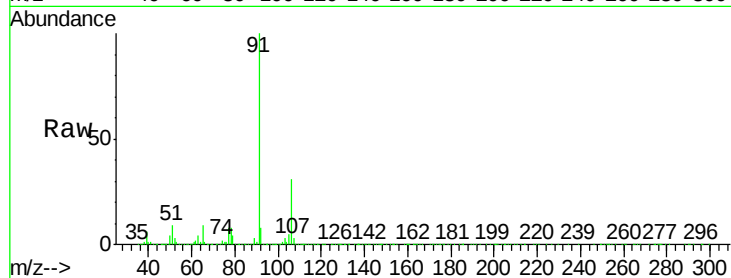
VX0110WBSD01

Tgt Ion: 91 Resp: 488904

Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4



#68

m/p-Xylenes

Concen: 40.085 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014527.D

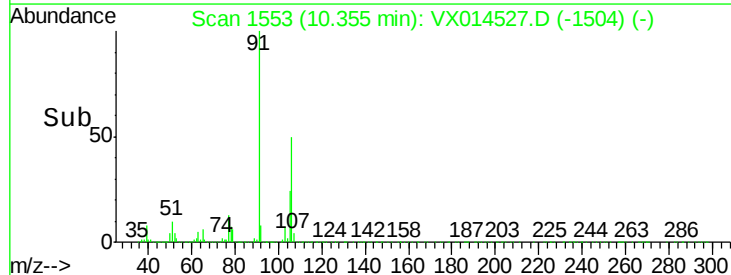
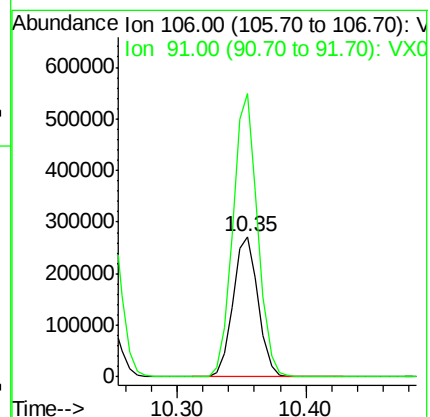
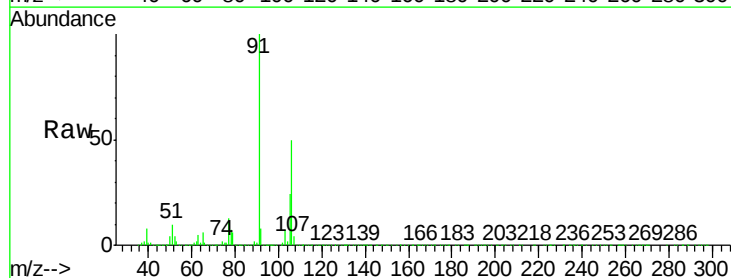
Acq: 10 Jan 2020 11:14

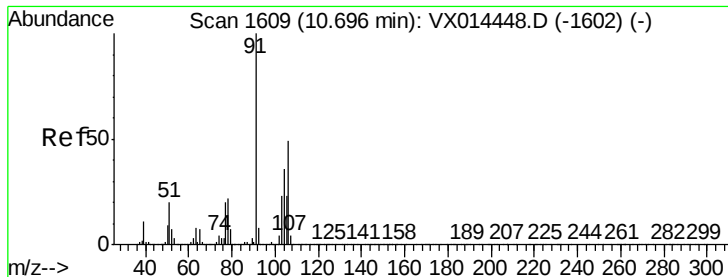
Tgt Ion: 106 Resp: 370508

Ion Ratio Lower Upper

106 100

91 198.6 157.4 236.0

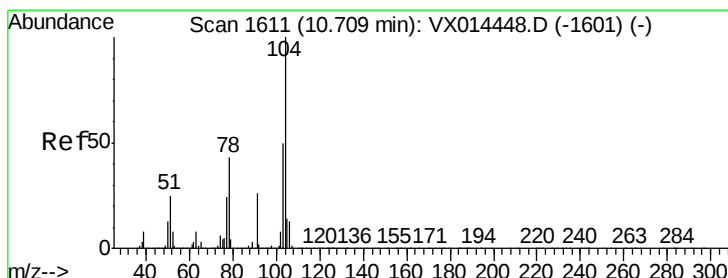
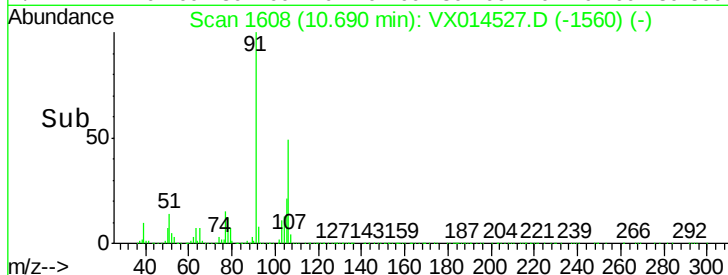
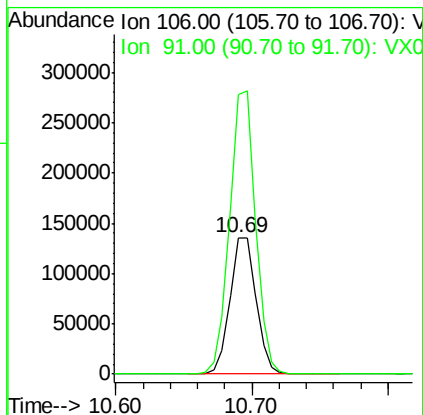
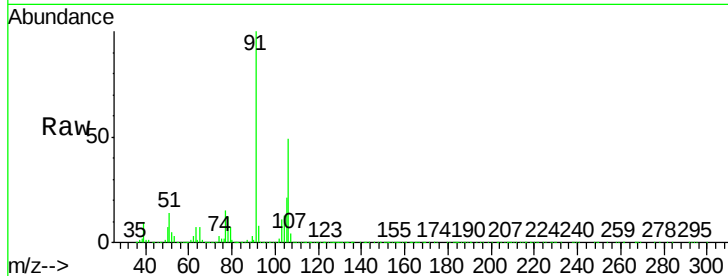




#69
o-Xylene
Concen: 20.650 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

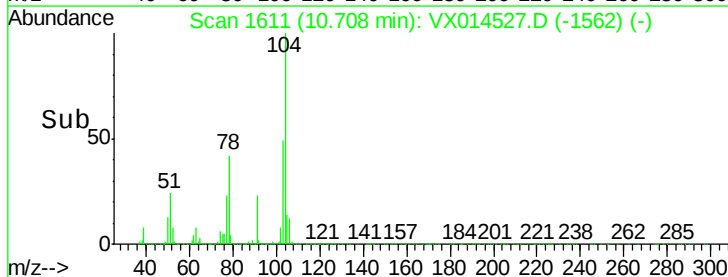
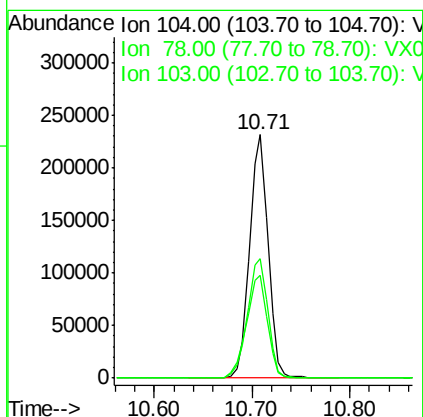
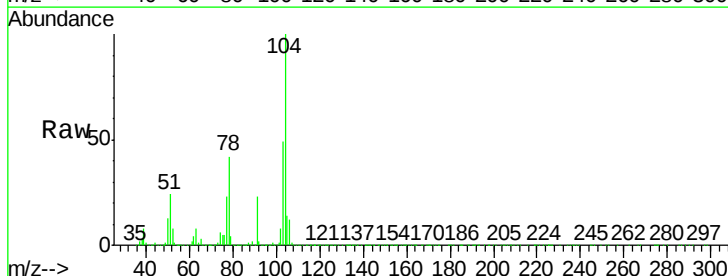
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

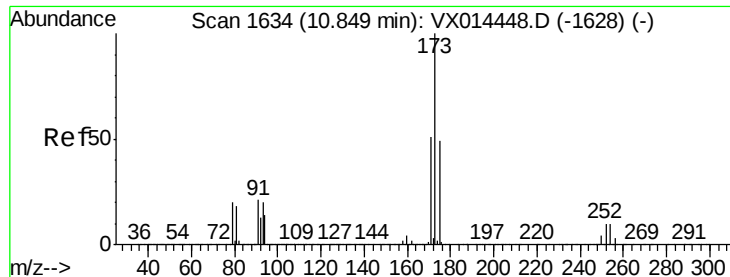
Tgt Ion:106 Resp: 182117
Ion Ratio Lower Upper
106 100
91 205.1 105.1 315.1



#70
Styrene
Concen: 19.940 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion:104 Resp: 303479
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 54.5 43.7 65.5

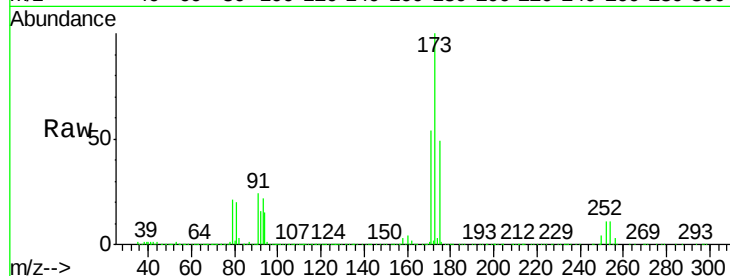




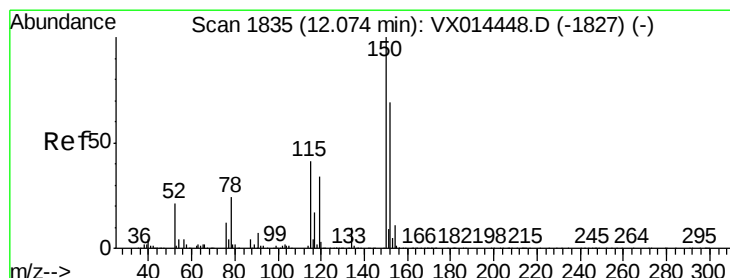
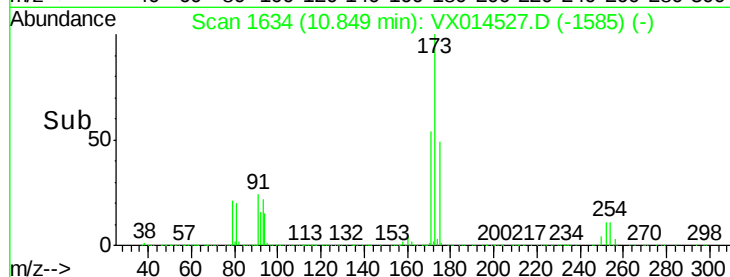
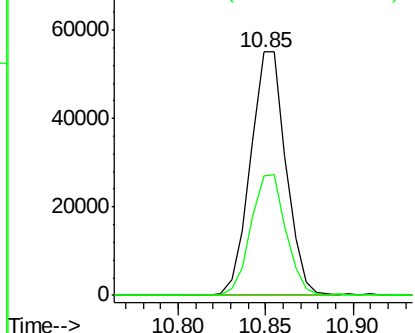
#71
Bromoform
Concen: 18.945 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tgt Ion:173 Resp: 77757
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.3 0.2 0.2#

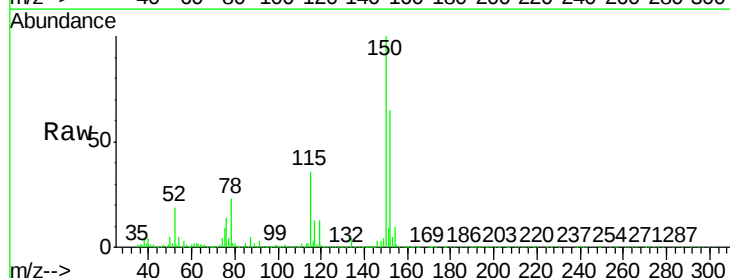


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

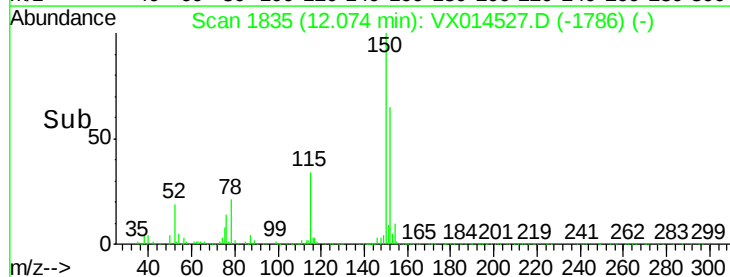
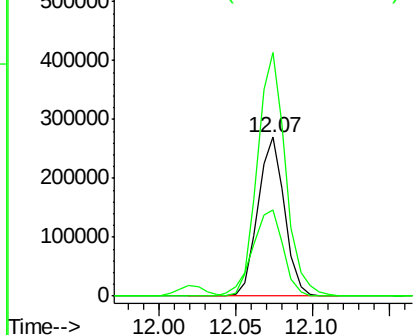


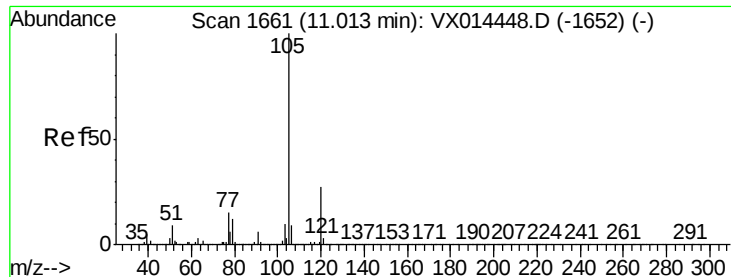
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion:152 Resp: 327457
Ion Ratio Lower Upper
152 100
115 63.2 39.5 118.3
150 161.2 0.0 350.2



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: 20.699 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

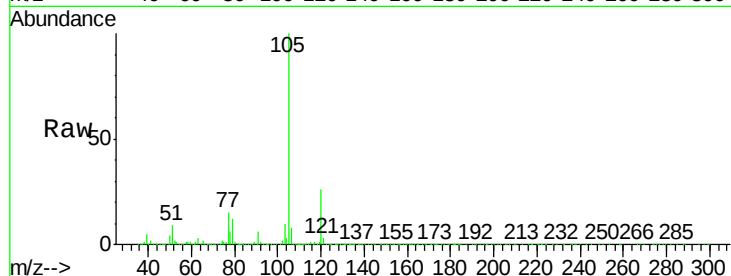
VX0110WBSD01

Tgt Ion: 105 Resp: 475962

Ion Ratio Lower Upper

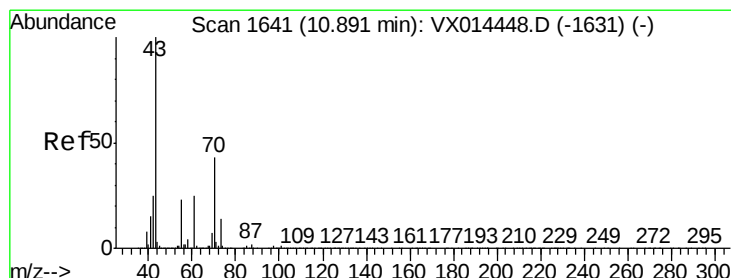
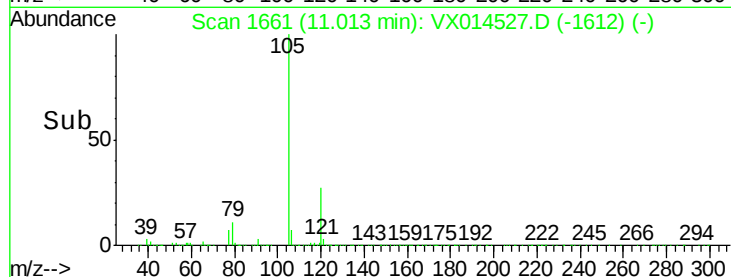
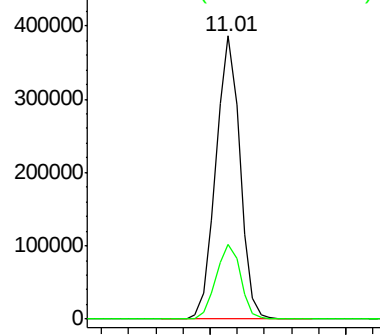
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.005 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion: 43 Resp: 202944

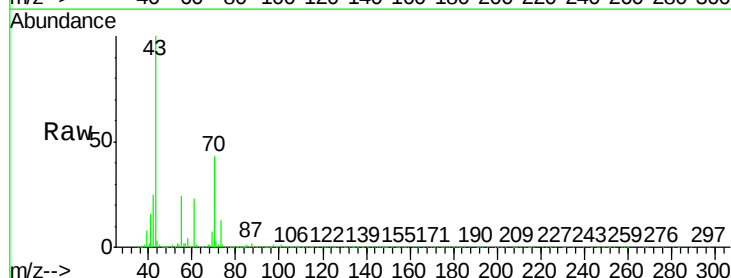
Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 24.1 19.3 28.9

61 24.2 20.0 30.0

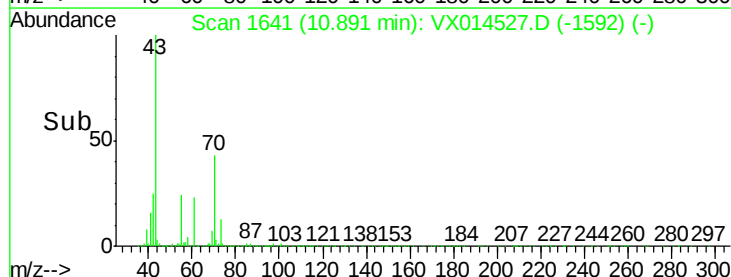
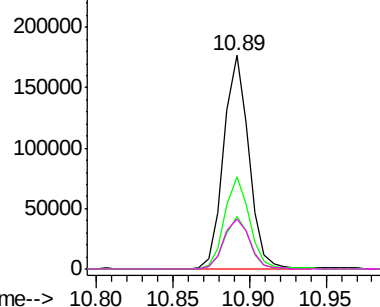


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.540 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

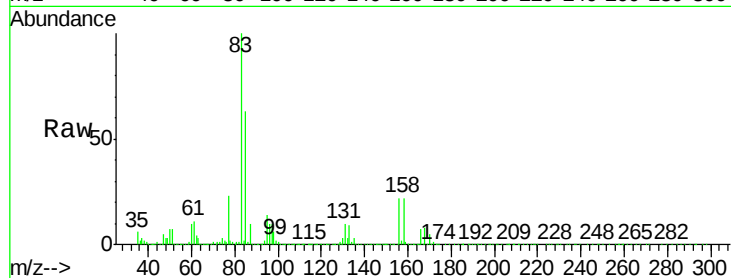
Tgt Ion: 83 Resp: 151465

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

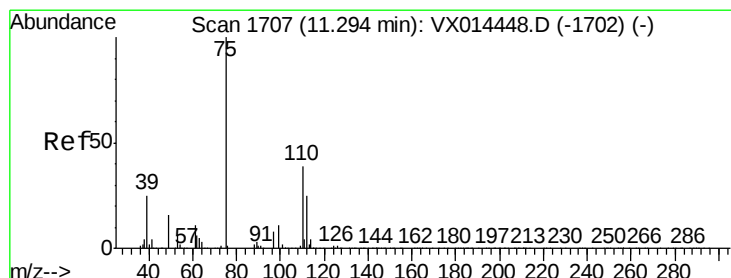
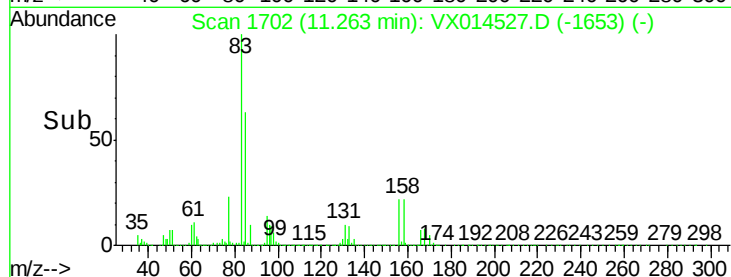
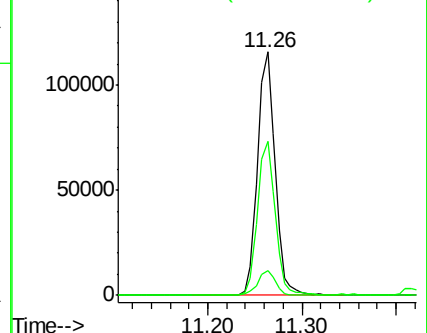
85 63.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.148 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014527.D

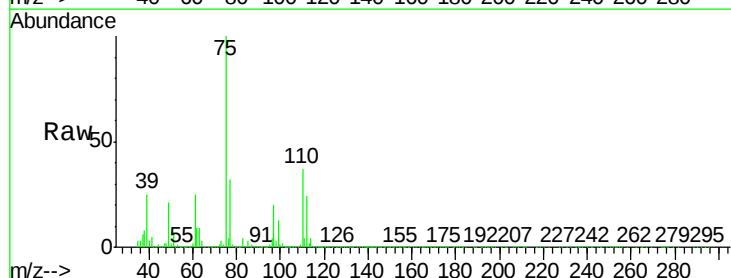
Acq: 10 Jan 2020 11:14

Tgt Ion: 75 Resp: 177157

Ion Ratio Lower Upper

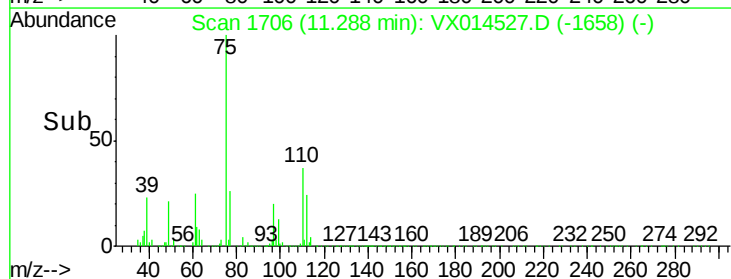
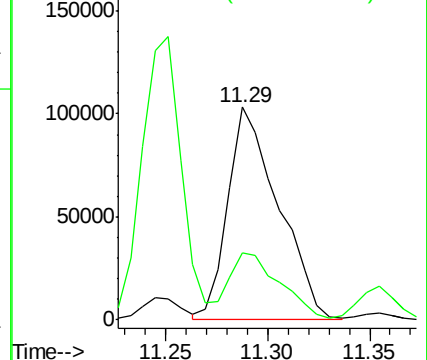
75 100

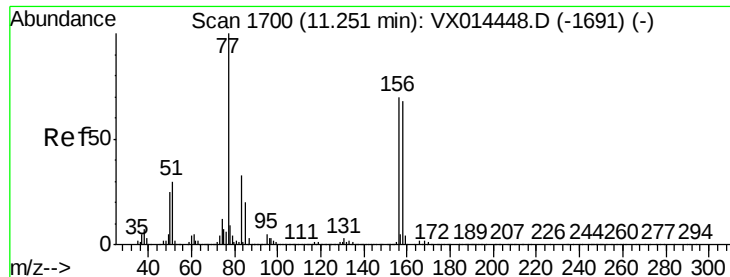
77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.277 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

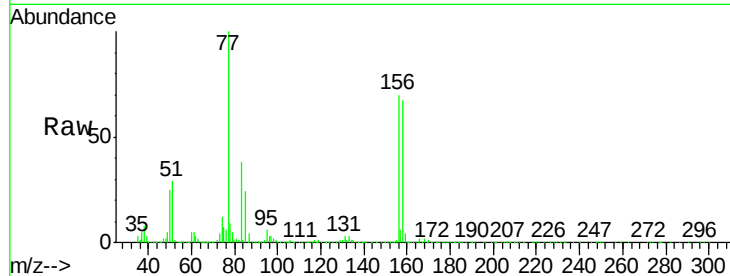
Tgt Ion:156 Resp: 122930

Ion Ratio Lower Upper

156 100

77 149.0 75.4 226.3

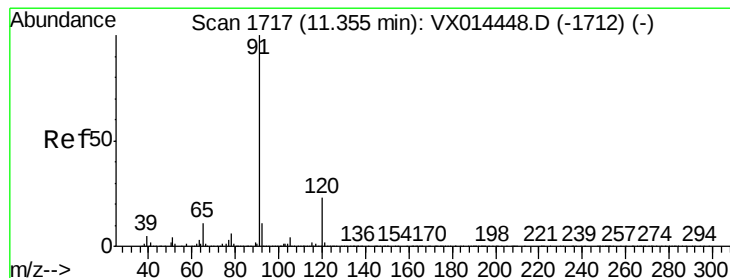
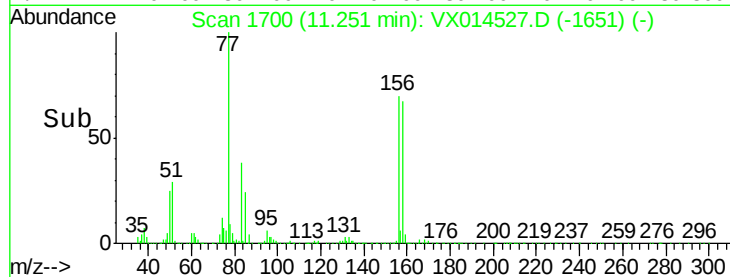
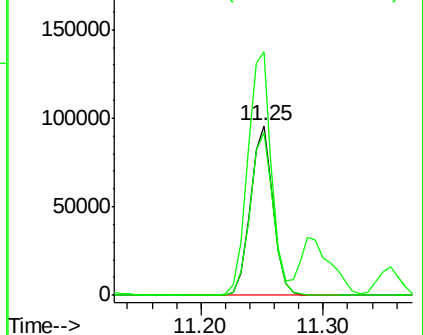
158 98.2 48.8 146.3



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: 20.556 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014527.D

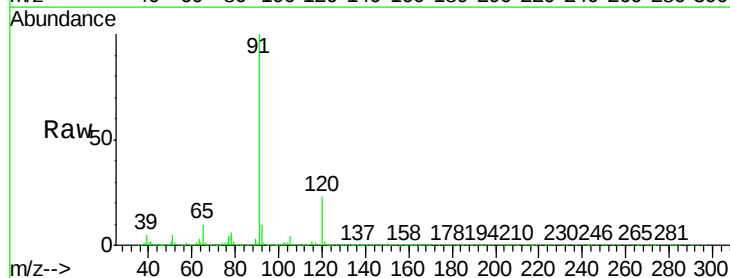
Acq: 10 Jan 2020 11:14

Tgt Ion: 91 Resp: 541334

Ion Ratio Lower Upper

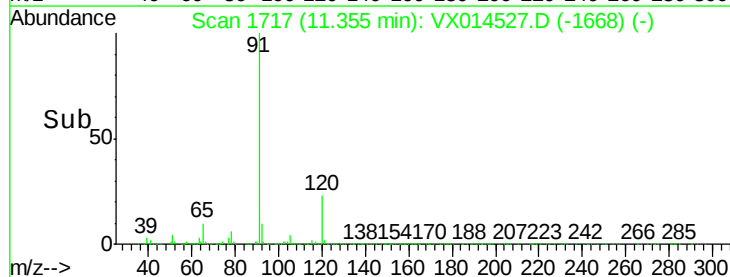
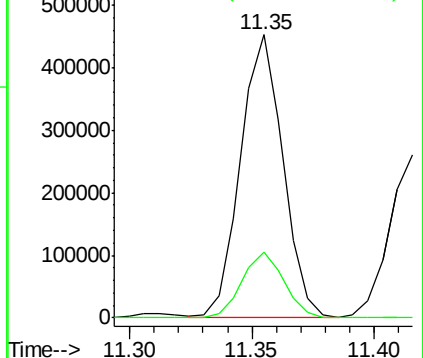
91 100

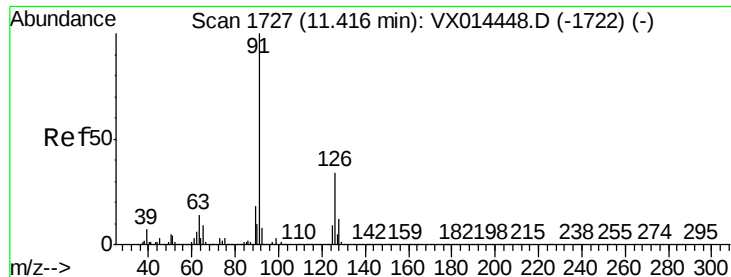
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.397 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

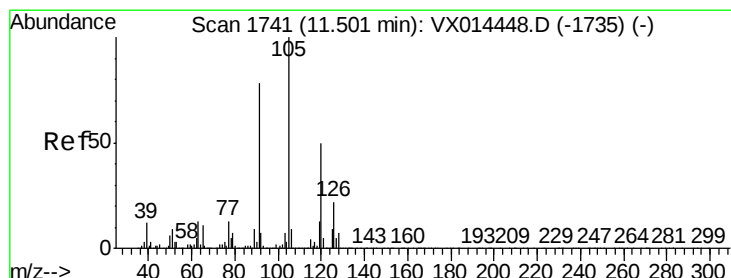
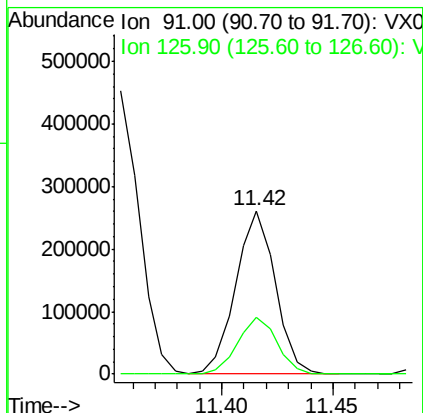
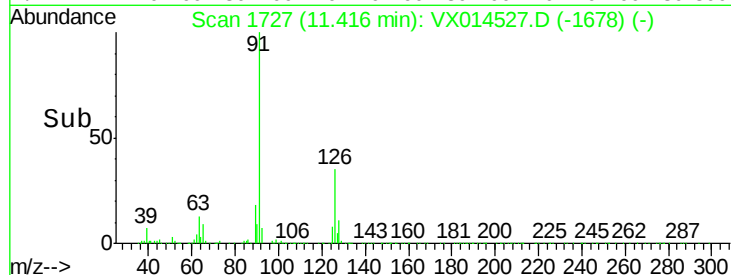
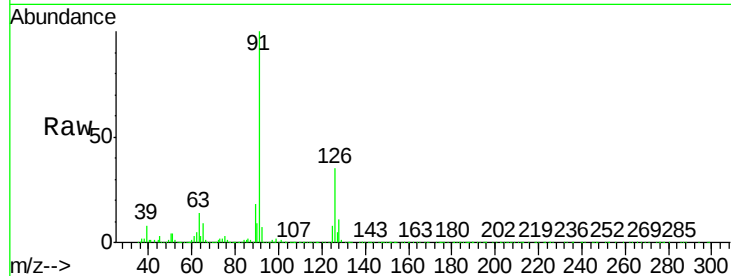
VX0110WBSD01

Tgt Ion: 91 Resp: 320126

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.844 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014527.D

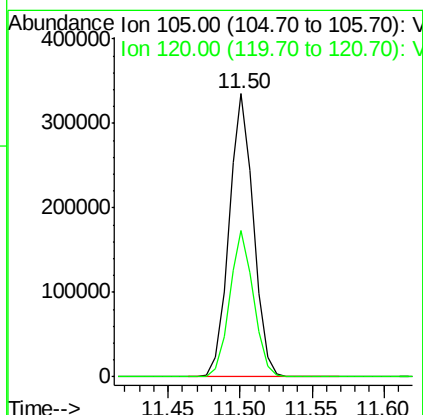
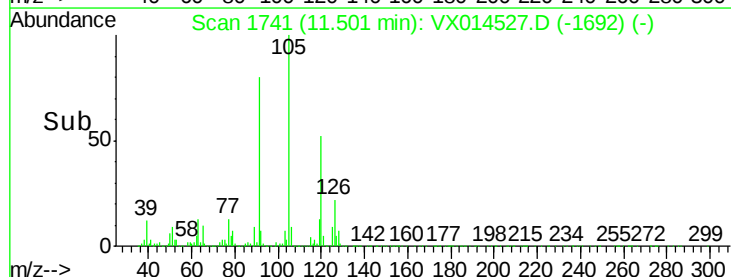
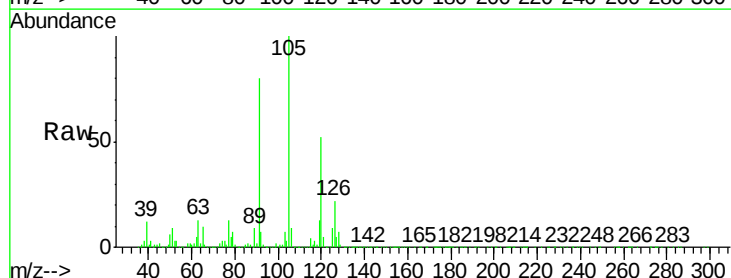
Acq: 10 Jan 2020 11:14

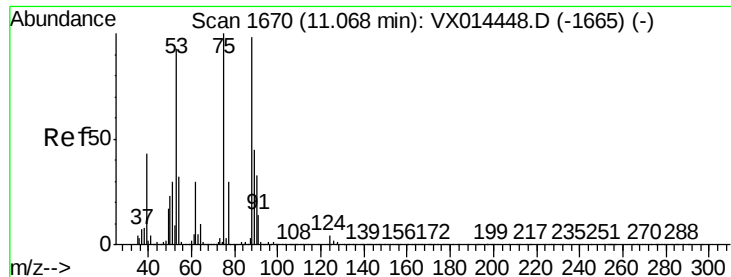
Tgt Ion: 105 Resp: 397925

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.330 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

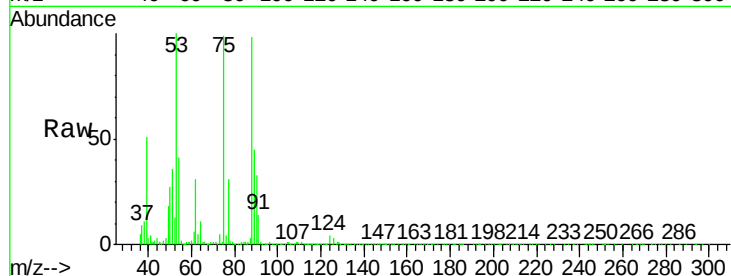
Tgt Ion: 75 Resp: 46973

Ion Ratio Lower Upper

75 100

53 105.0 74.8 112.2

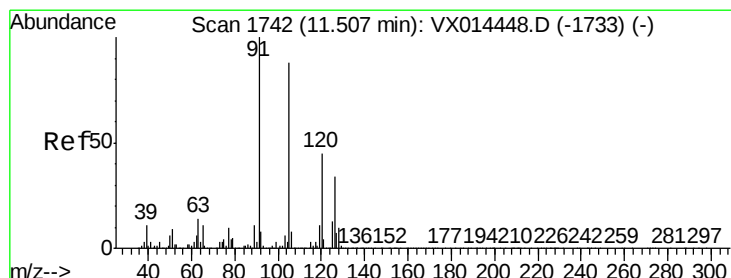
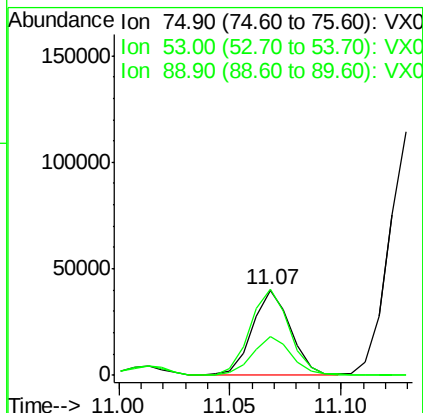
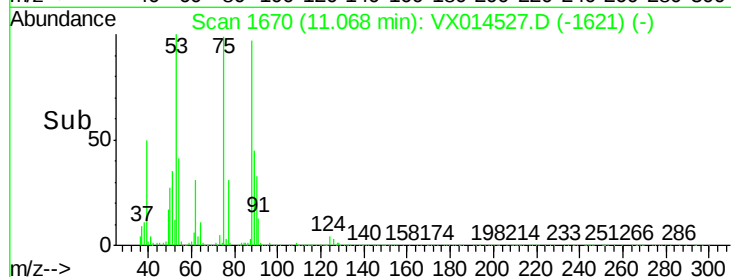
89 47.6 36.3 54.5



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: 19.876 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014527.D

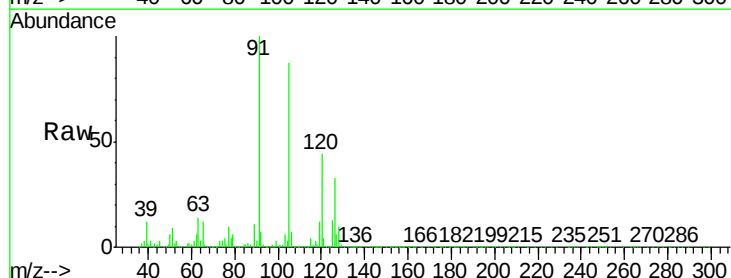
Acq: 10 Jan 2020 11:14

Tgt Ion: 91 Resp: 366172

Ion Ratio Lower Upper

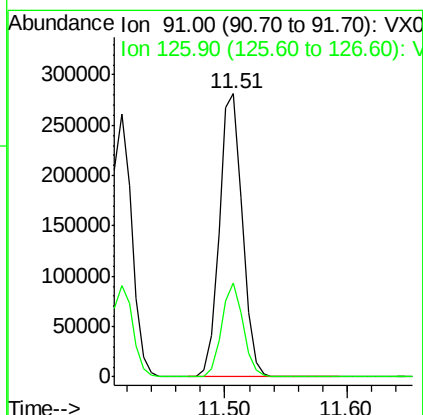
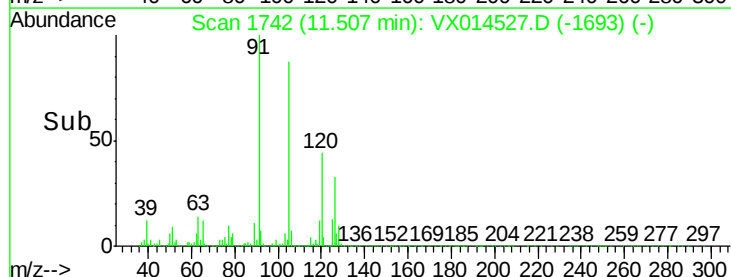
91 100

126 31.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.801 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

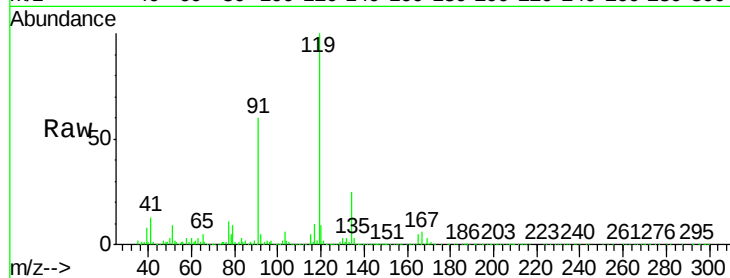
Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

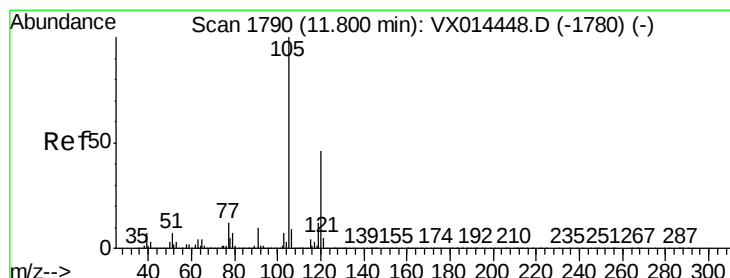
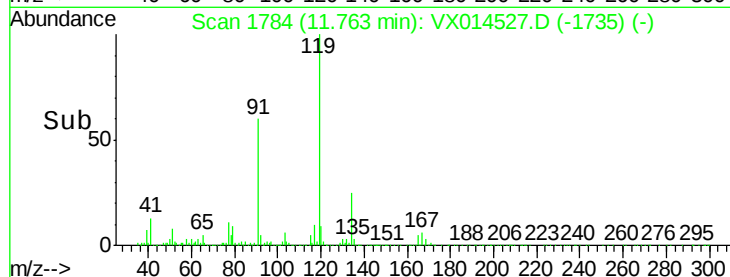
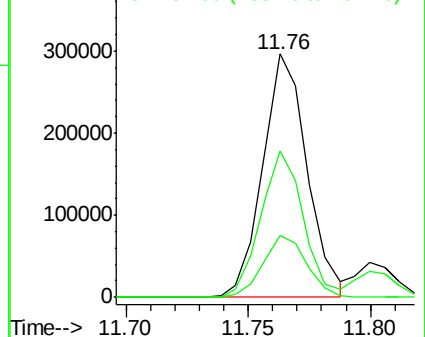
Tgt Ion:	119	Resp:	375220
Ion Ratio	Lower	Upper	
119	100		
91	57.8	29.3	88.0
134	25.2	12.4	37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.599 ug/l

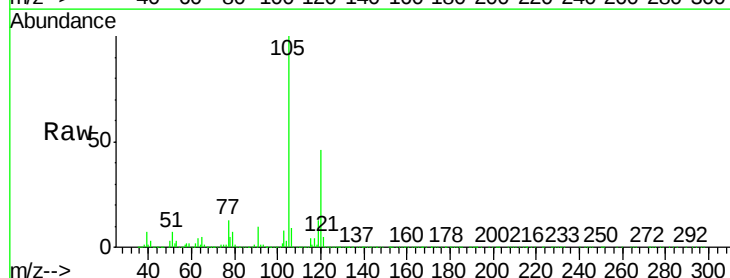
RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014527.D

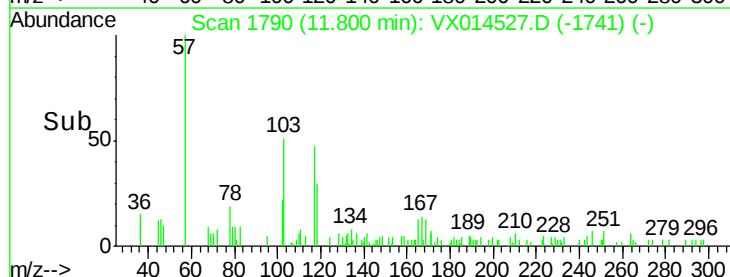
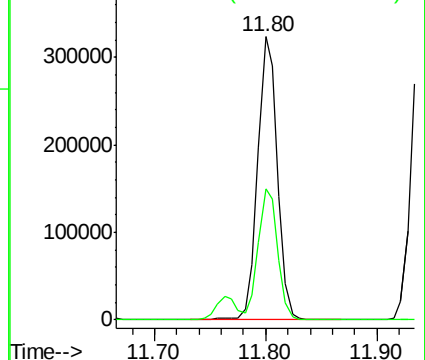
Acq: 10 Jan 2020 11:14

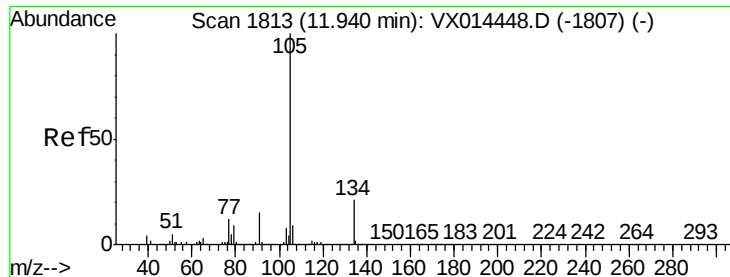
Tgt Ion:	105	Resp:	397374
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

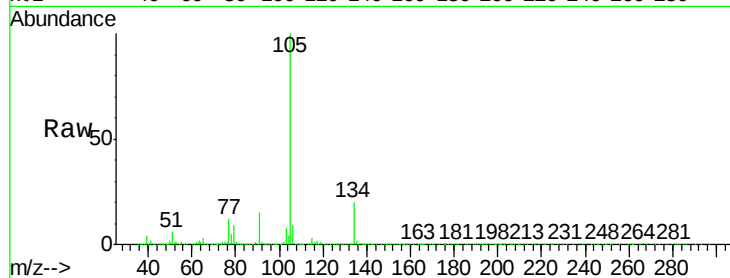
VX0110WBSD01

Tgt Ion:105 Resp: 461315

Ion Ratio Lower Upper

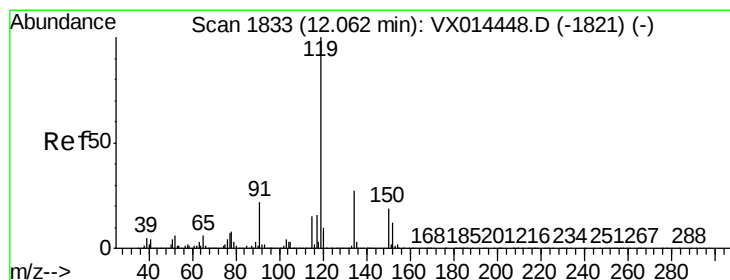
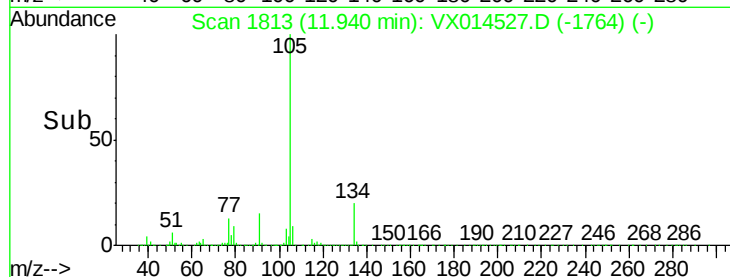
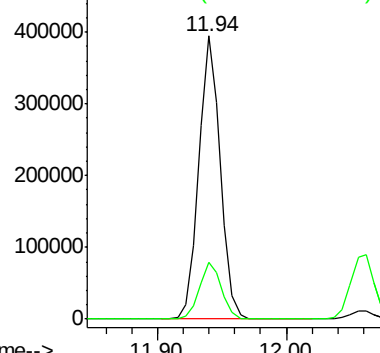
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.347 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

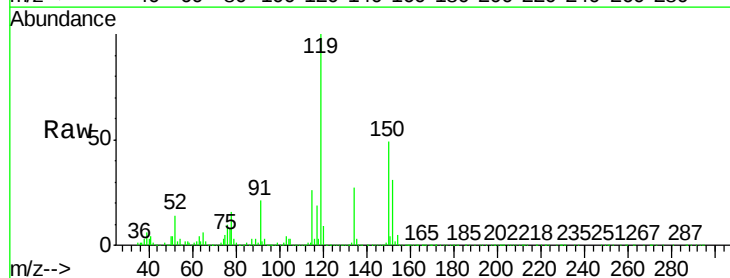
Tgt Ion:119 Resp: 423385

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

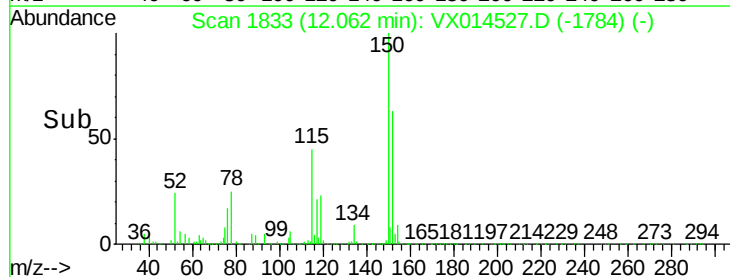
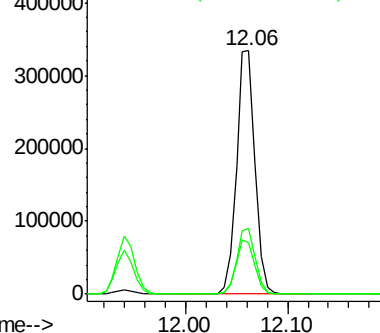
91 22.3 11.1 33.3

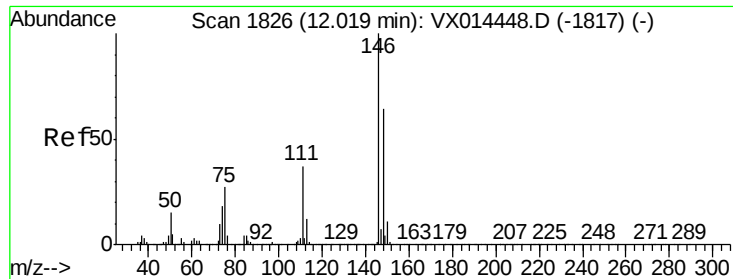


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.054 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

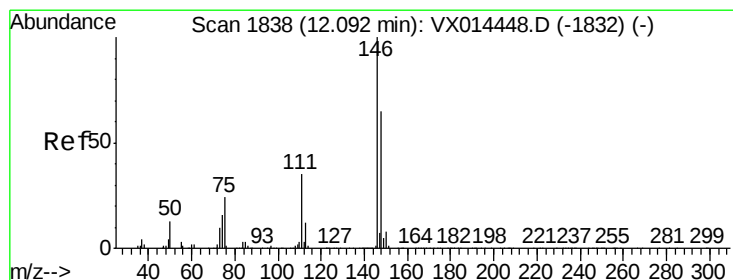
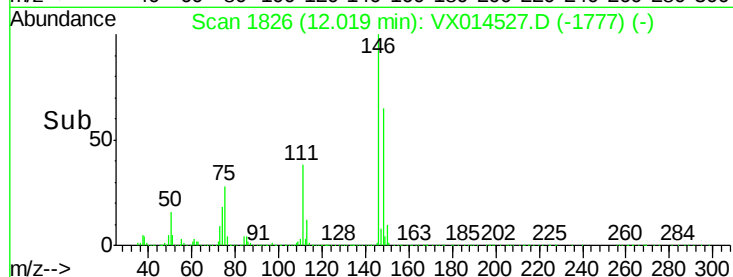
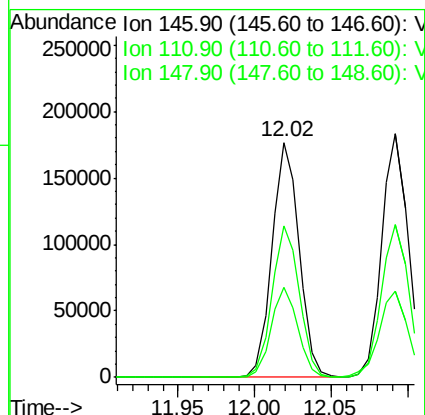
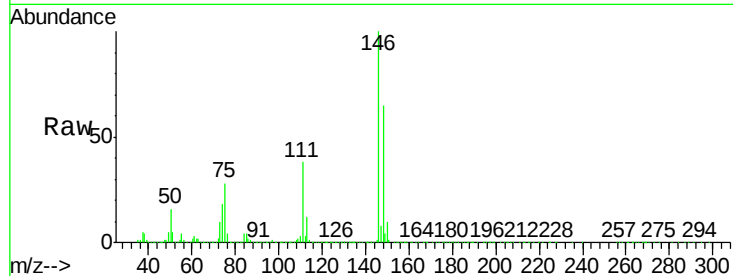
Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tgt Ion:146 Resp: 218061

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	65.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.069 ug/l

RT: 12.09 min Scan# 1838

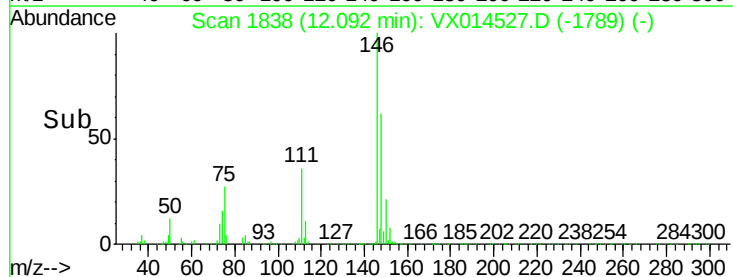
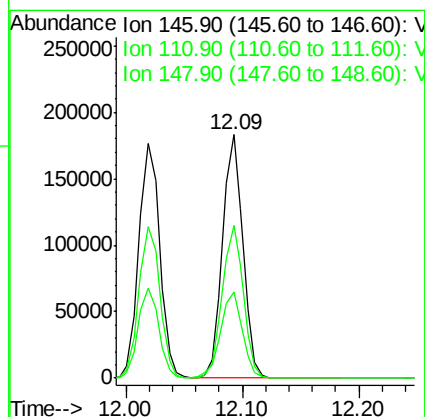
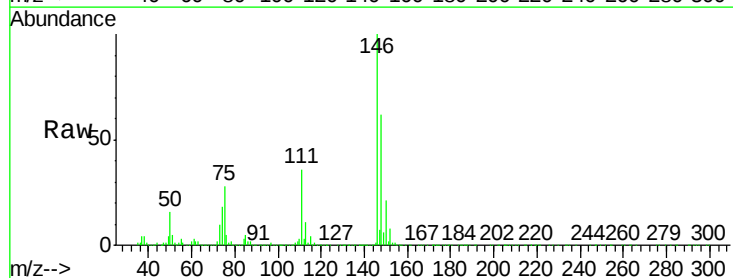
Delta R.T. 0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Tgt Ion:146 Resp: 219552

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.8	32.1	96.3





#89

n-Butylbenzene

Concen: 18.936 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014527.D

Acq: 10 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD01

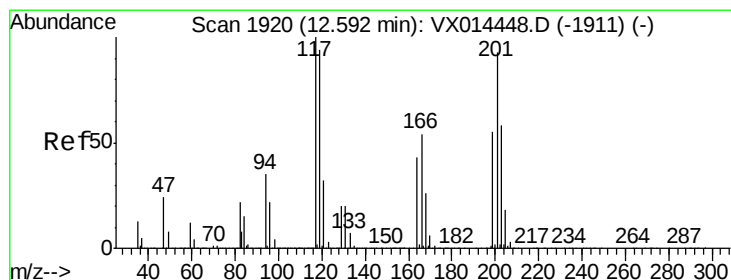
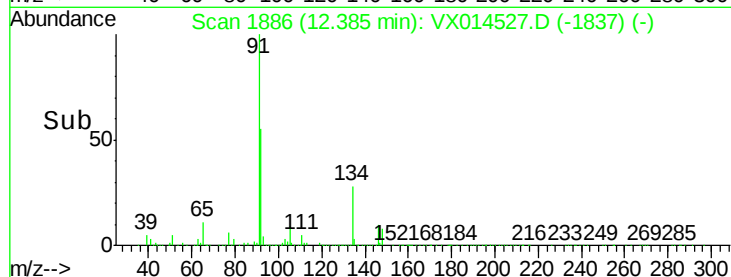
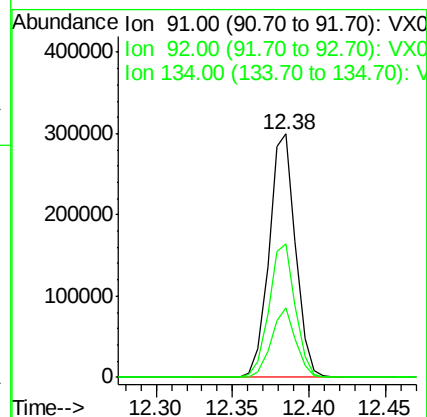
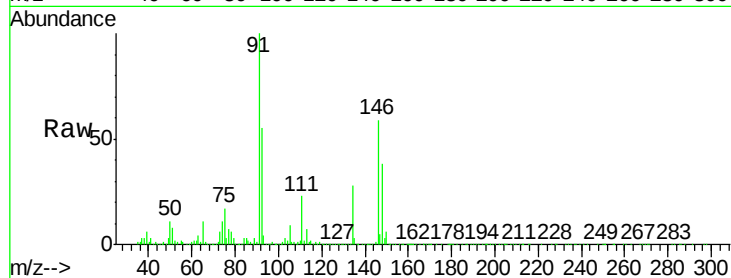
Tgt Ion: 91 Resp: 360283

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 26.7 13.9 41.7



#90

Hexachloroethane

Concen: 19.414 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014527.D

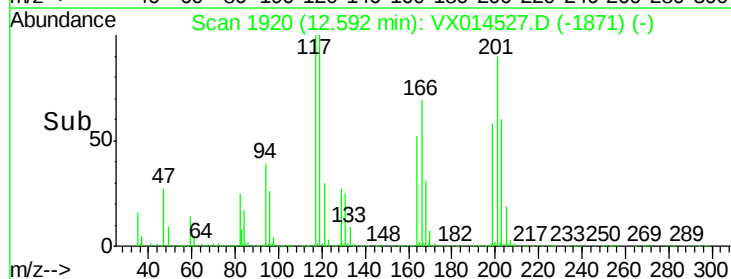
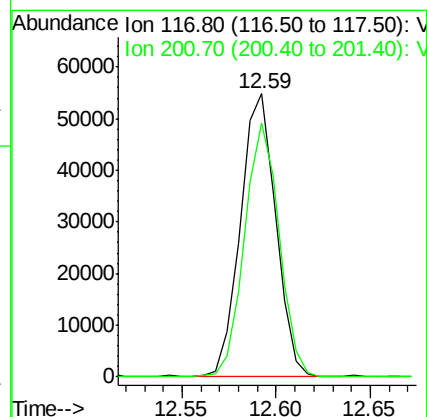
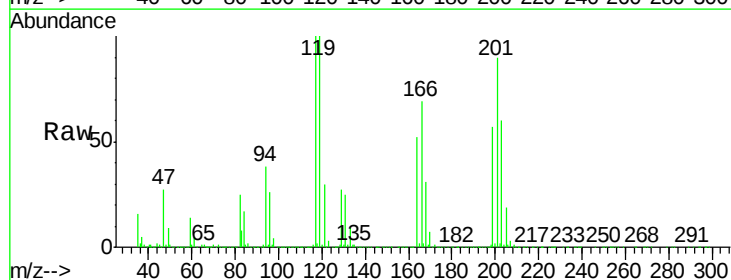
Acq: 10 Jan 2020 11:14

Tgt Ion: 117 Resp: 70961

Ion Ratio Lower Upper

117 100

201 88.4 44.8 134.3

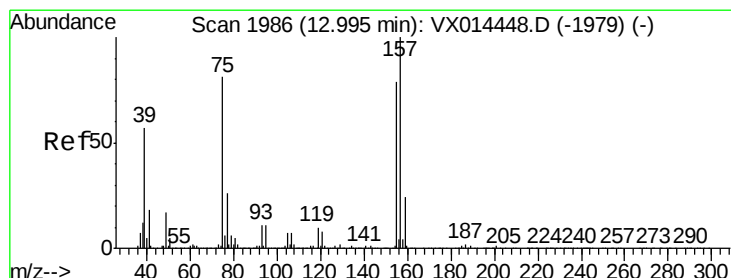
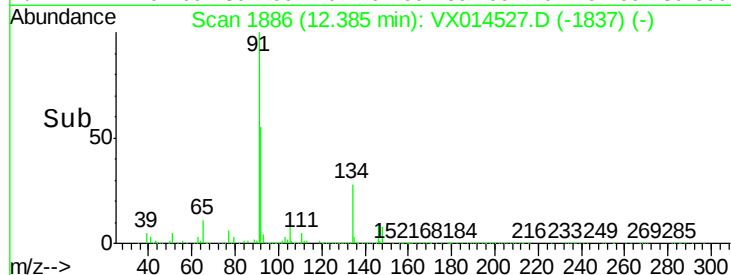
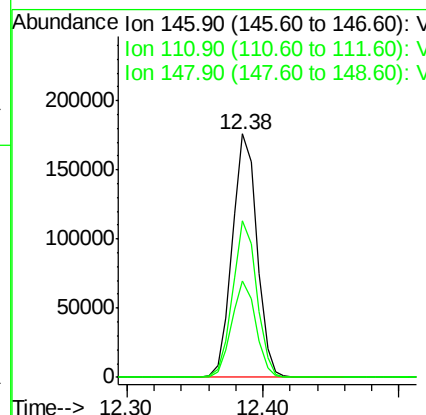
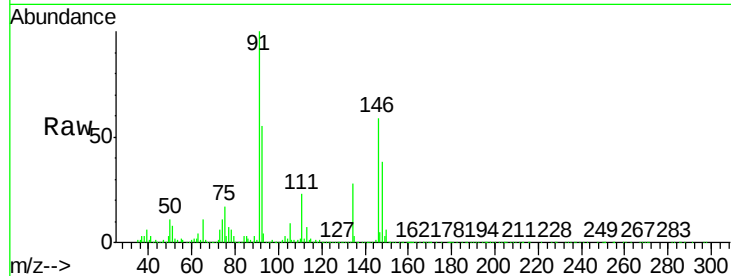




#91
 1,2-Dichlorobenzene
 Concen: 19.701 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

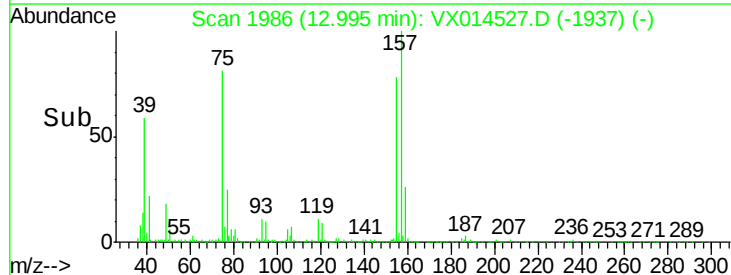
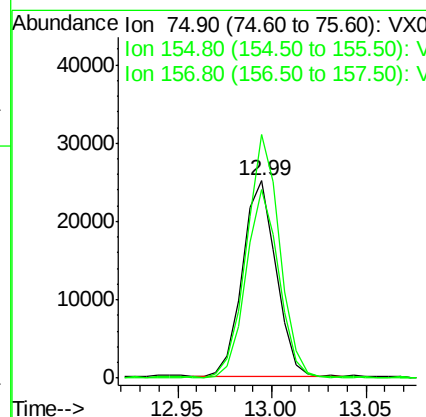
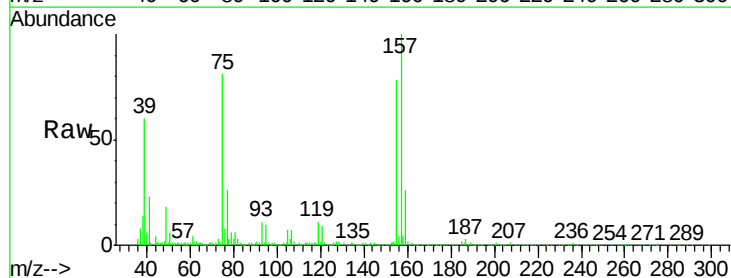
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.4
148	63.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.849 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	48.7	146.1
157	122.3	62.0	185.9

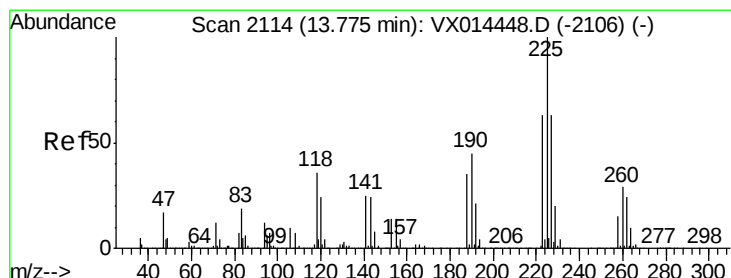
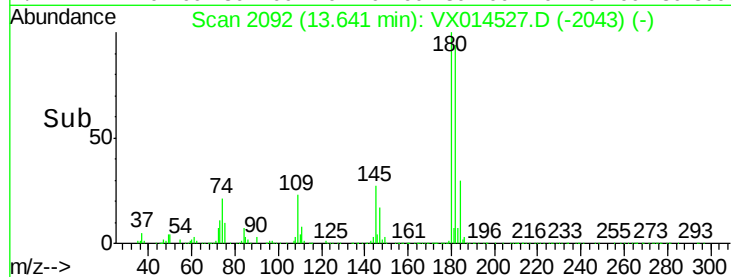
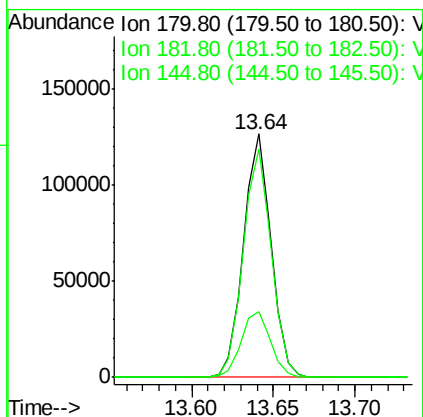
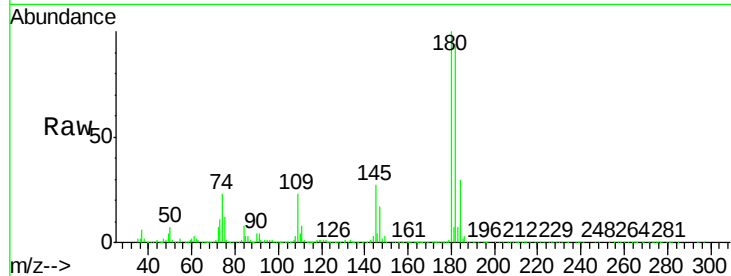




#93
 1,2,4-Trichlorobenzene
 Concen: 18.898 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

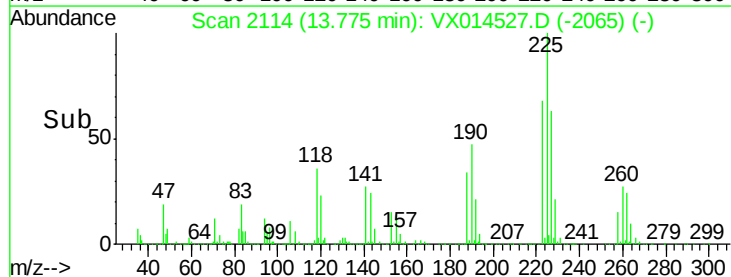
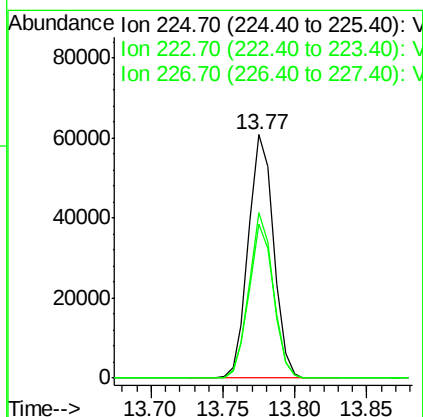
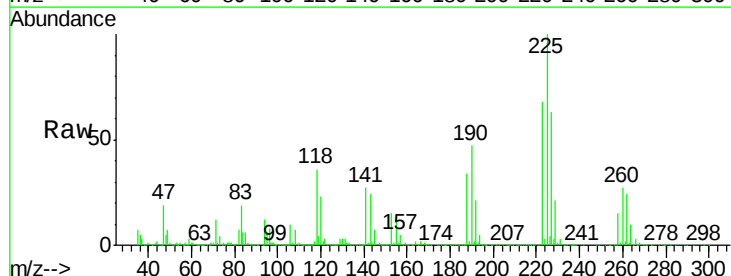
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

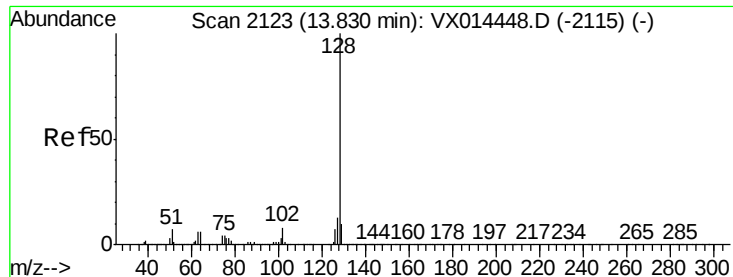
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	28.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.963 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014527.D
 Acq: 10 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.1	93.2
227	62.2	31.4	94.2

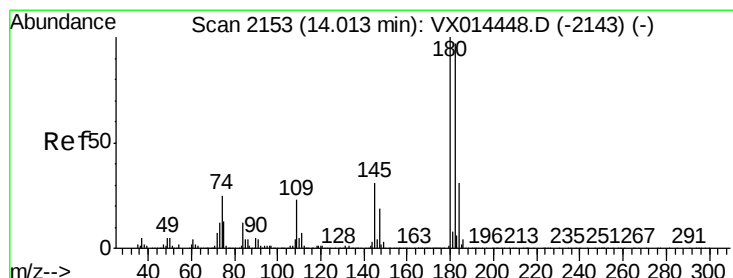
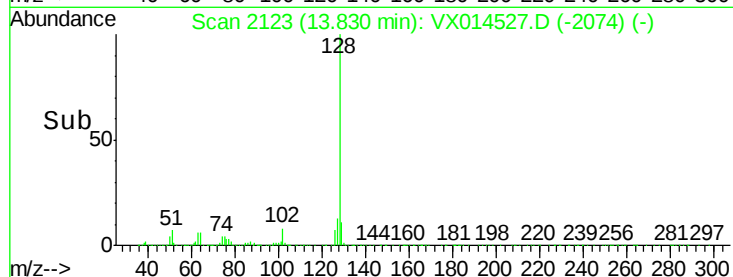
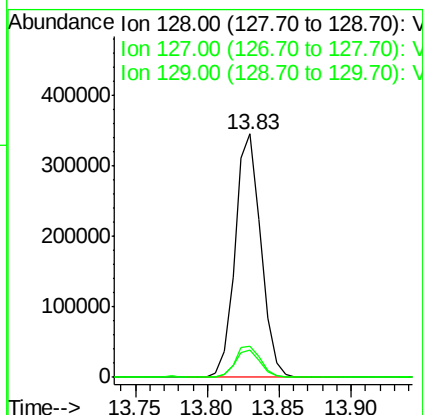
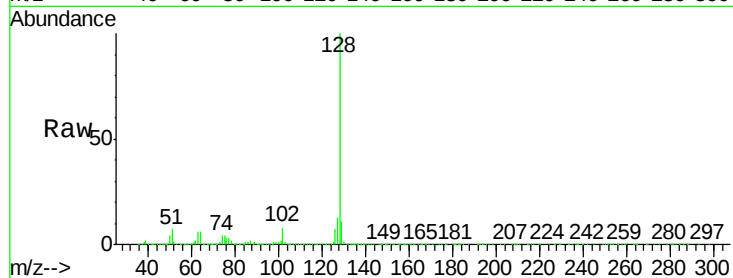




#95
Naphthalene
Concen: 17.714 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD01

Tgt Ion:128 Resp: 432671
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014527.D
Acq: 10 Jan 2020 11:14

Tgt Ion:180 Resp: 145501
Ion Ratio Lower Upper
180 100
182 98.4 47.9 143.6
145 30.4 14.8 44.3

