

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091820\
 Data File : VX018490.D
 Acq On : 18 Sep 2020 14:19
 Operator : JC/SP
 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Quant Time: Sep 18 15:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	417187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	289298	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.46	113	221141	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.70	98	763612	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	304353	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	77825	19.676	ug/l	96
3) Chloromethane	1.31	50	82894	17.902	ug/l	99
4) Vinyl Chloride	1.39	62	86110	17.565	ug/l	99
5) Bromomethane	1.64	94	61018	20.280	ug/l	95
6) Chloroethane	1.72	64	51679	18.420	ug/l	96
7) Trichlorofluoromethane	1.92	101	149063	20.016	ug/l	95
8) Diethyl Ether	2.17	74	48837	18.691	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75466	18.827	ug/l	98
10) Methyl Iodide	2.49	142	85752	20.504	ug/l	95
11) Tert butyl alcohol	3.01	59	93681	91.229	ug/l	99
12) 1,1-Dichloroethene	2.36	96	73561	18.207	ug/l	95
13) Acrolein	2.27	56	46392	71.350	ug/l	99
14) Allyl chloride	2.71	41	133369	17.035	ug/l	96
15) Acrylonitrile	3.11	53	233245	95.195	ug/l	100
16) Acetone	2.42	43	200259	88.726	ug/l	98
17) Carbon Disulfide	2.55	76	209530	17.365	ug/l	99
18) Methyl Acetate	2.75	43	112102	20.046	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	277939	19.597	ug/l	98
20) Methylene Chloride	2.84	84	86716	17.413	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	83171	17.713	ug/l	97
22) Diisopropyl ether	3.82	45	269344	18.302	ug/l	98
23) Vinyl Acetate	3.78	43	1202750	92.232	ug/l	99
24) 1,1-Dichloroethane	3.67	63	152074	17.918	ug/l	98
25) 2-Butanone	4.63	43	316615	90.080	ug/l	97
26) 2,2-Dichloropropane	4.55	77	135843	17.323	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	93668	17.798	ug/l	99
28) Bromochloromethane	4.98	49	71420	17.983	ug/l	95
29) Tetrahydrofuran	5.09	42	198111	89.427	ug/l	96
30) Chloroform	5.17	83	160539	18.643	ug/l	99
31) Cyclohexane	5.54	56	125068	17.511	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	153968	19.059	ug/l	98
36) 1,1-Dichloropropene	5.77	75	113945	18.386	ug/l	99
37) Ethyl Acetate	4.79	43	128271	19.382	ug/l	99
38) Carbon Tetrachloride	5.76	117	141880	20.671	ug/l	98

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 Data File : VX018490.D
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 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Quant Time: Sep 18 15:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	126409	18.155	ug/l	98
40) Benzene	6.12	78	330383	18.602	ug/l	97
41) Methacrylonitrile	5.00	41	69017	18.768	ug/l	99
42) 1,2-Dichloroethane	6.17	62	143992	20.839	ug/l	98
43) Isopropyl Acetate	6.41	43	204706	18.640	ug/l	100
44) Trichloroethene	7.18	130	99192	19.292	ug/l	98
45) 1,2-Dichloropropane	7.49	63	89450	18.349	ug/l	99
46) Dibromomethane	7.63	93	65196	19.466	ug/l	98
47) Bromodichloromethane	7.87	83	134148	19.874	ug/l	95
48) Methyl methacrylate	7.74	41	101755	19.036	ug/l	99
49) 1,4-Dioxane	7.71	88	31502	356.664	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	644158	98.512	ug/l	99
52) Toluene	8.76	92	212248	18.990	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143801	18.749	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	151483	19.172	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	90485	19.511	ug/l	98
56) Ethyl methacrylate	9.16	69	129406	18.818	ug/l	98
57) 1,3-Dichloropropane	9.35	76	146362	18.784	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	339558	92.876	ug/l	99
59) 2-Hexanone	9.47	43	478340	96.177	ug/l	100
60) Dibromochloromethane	9.56	129	110966	20.066	ug/l	100
61) 1,2-Dibromoethane	9.65	107	100304	20.327	ug/l	97
64) Tetrachloroethene	9.32	164	100859	21.214	ug/l	96
65) Chlorobenzene	10.12	112	237530	19.102	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	97443	19.534	ug/l	100
67) Ethyl Benzene	10.24	91	415267	19.294	ug/l	98
68) m/p-Xylenes	10.34	106	311172	38.218	ug/l	100
69) o-Xylene	10.68	106	146523	19.004	ug/l	99
70) Styrene	10.70	104	258637	19.428	ug/l	98
71) Bromoform	10.84	173	84234	20.112	ug/l #	95
73) Isopropylbenzene	11.00	105	412928	18.951	ug/l	97
74) N-amyl acetate	10.88	43	176492	17.992	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	128642	17.837	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	164746	24.036	ug/l	84
77) Bromobenzene	11.24	156	109643	18.237	ug/l	98
78) n-propylbenzene	11.34	91	472854	18.540	ug/l	99
79) 2-Chlorotoluene	11.40	91	287520	18.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	348791	18.718	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	48454	18.115	ug/l	95
82) 4-Chlorotoluene	11.49	91	341838	18.627	ug/l	99
83) tert-Butylbenzene	11.76	119	338225	18.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	359210	19.141	ug/l	98
85) sec-Butylbenzene	11.93	105	396826	18.589	ug/l	99
86) p-Isopropyltoluene	12.05	119	379593	19.348	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	201593	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	203293	18.548	ug/l	98
89) n-Butylbenzene	12.37	91	328357	18.079	ug/l	99
90) Hexachloroethane	12.58	117	71791	18.329	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	188940	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34490	19.699	ug/l	97

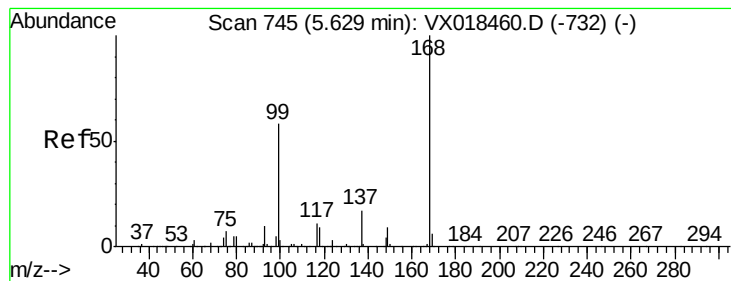
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091820\
Data File : VX018490.D
Acq On : 18 Sep 2020 14:19
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	130757	18.570	ug/l	96
94) Hexachlorobutadiene	13.76	225	56770	19.213	ug/l	97
95) Naphthalene	13.82	128	394106	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130981	19.464	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

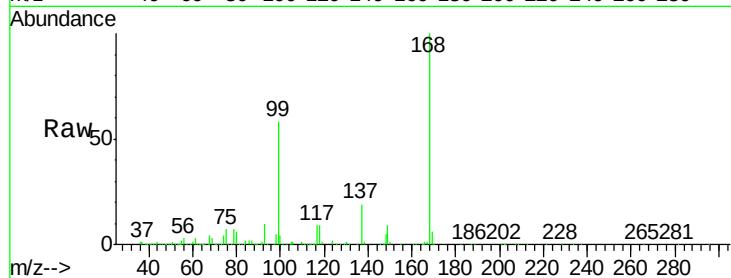
VX0918WBSD02

Tgt Ion:168 Resp: 417187

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

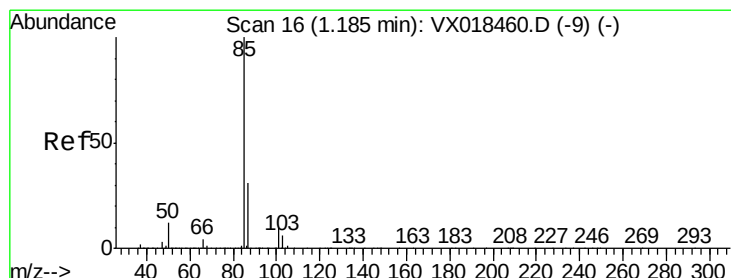
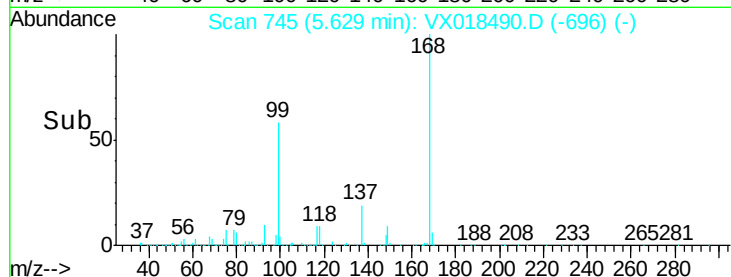
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.676 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018490.D

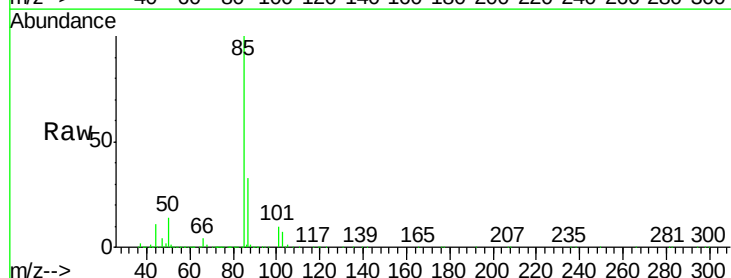
Acq: 18 Sep 2020 14:19

Tgt Ion: 85 Resp: 77825

Ion Ratio Lower Upper

85 100

87 33.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

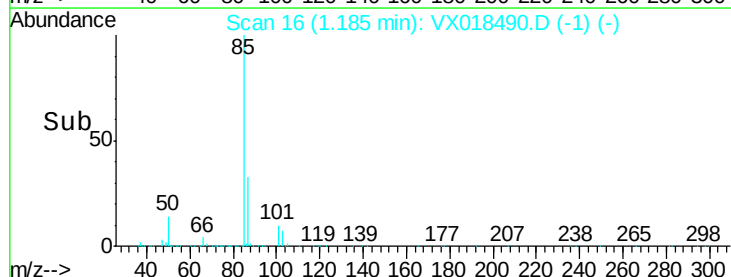
40000

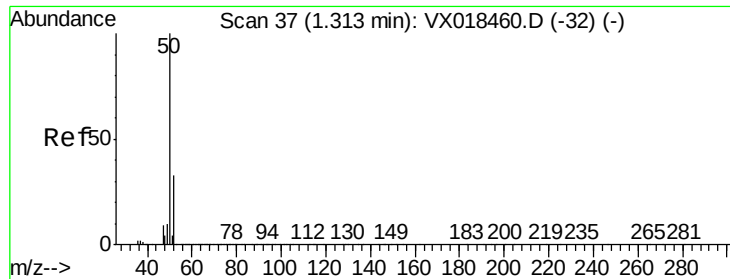
20000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.902 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

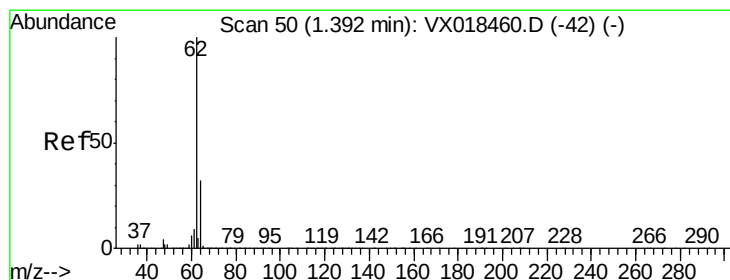
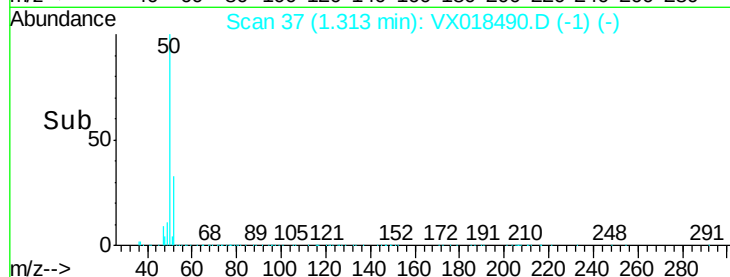
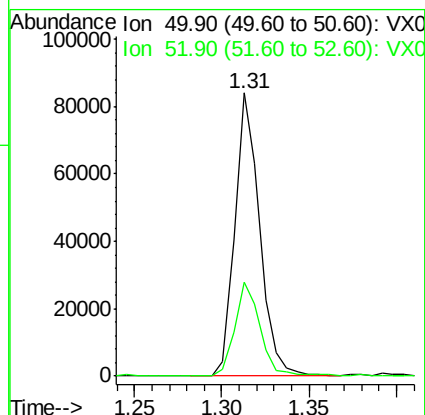
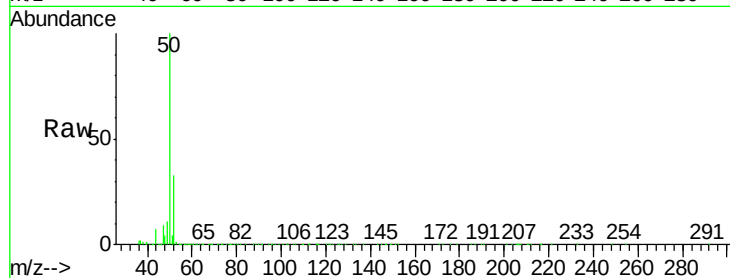
VX0918WBSD02

Tgt Ion: 50 Resp: 82894

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



#4

Vinyl Chloride

Concen: 17.565 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018490.D

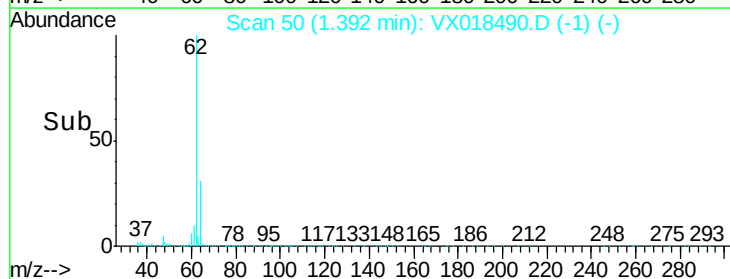
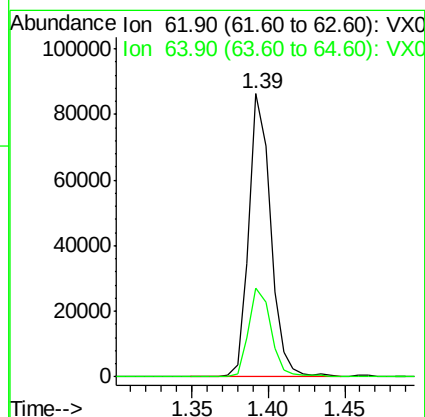
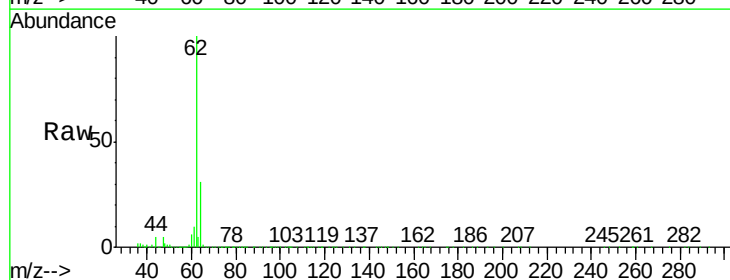
Acq: 18 Sep 2020 14:19

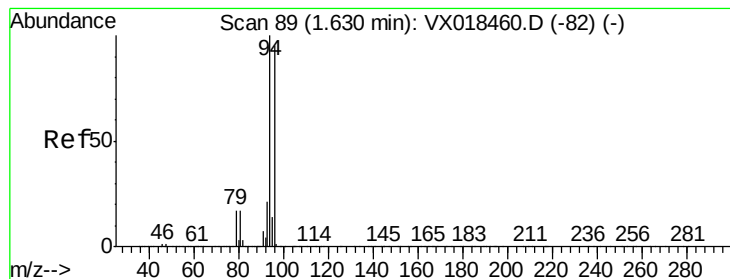
Tgt Ion: 62 Resp: 86110

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 20.280 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

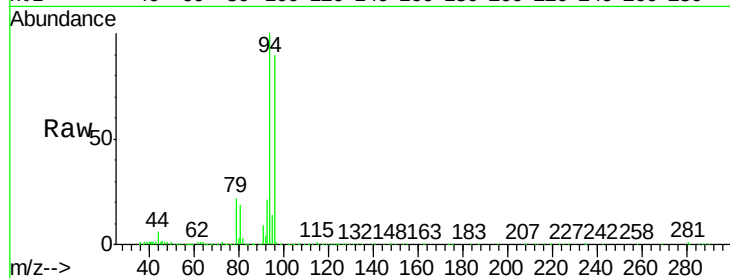
VX0918WBSD02

Tgt Ion: 94 Resp: 61018

Ion Ratio Lower Upper

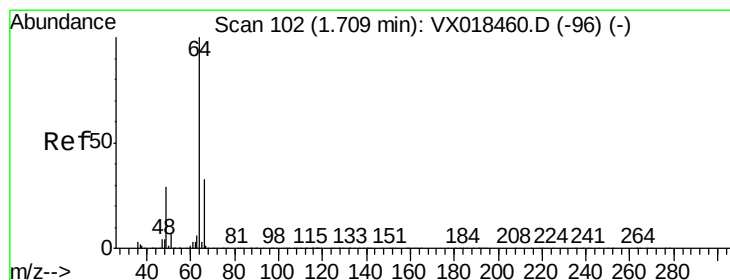
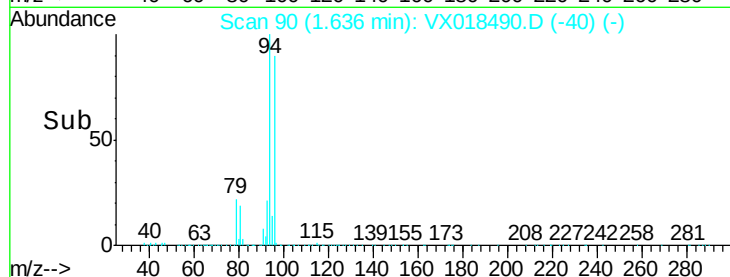
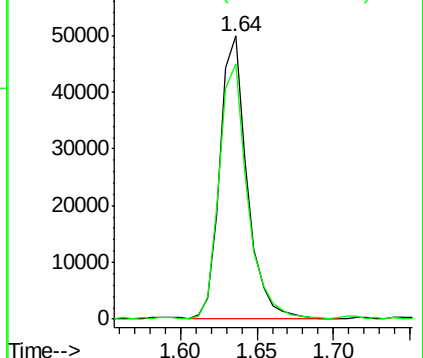
94 100

96 89.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.420 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018490.D

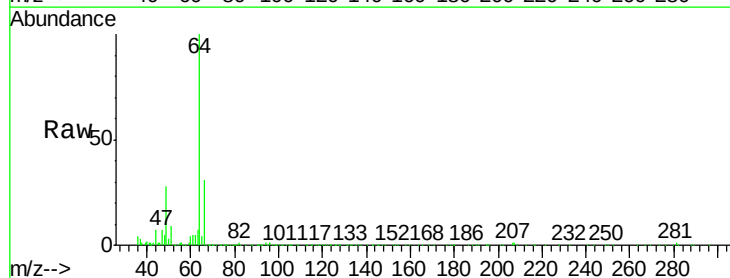
Acq: 18 Sep 2020 14:19

Tgt Ion: 64 Resp: 51679

Ion Ratio Lower Upper

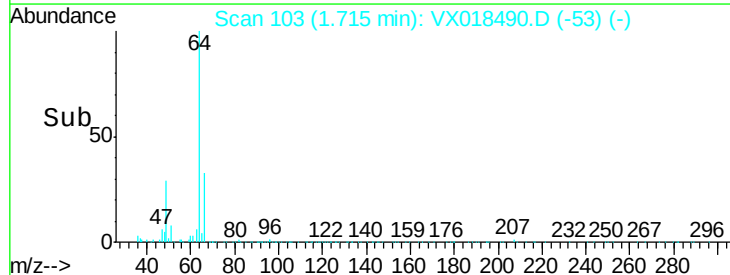
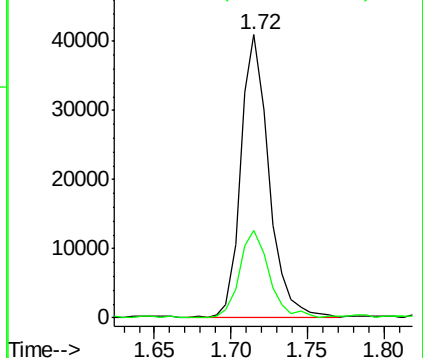
64 100

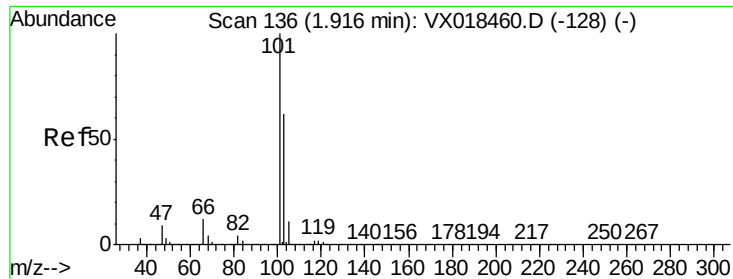
66 30.5 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



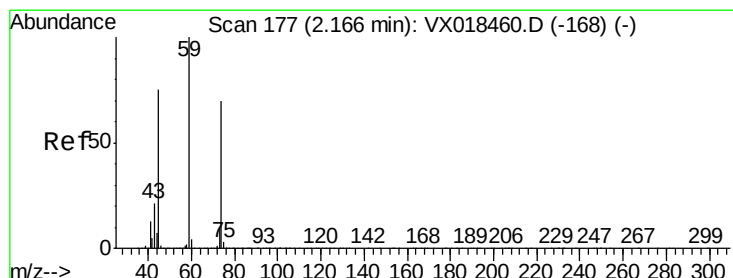
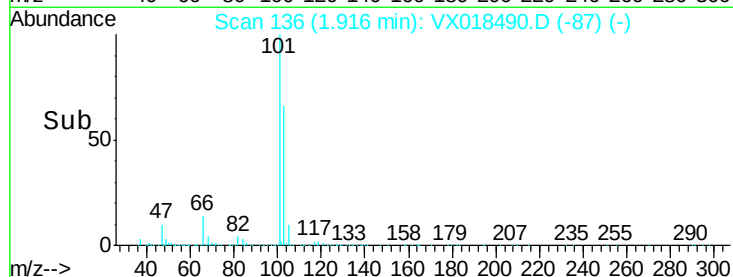
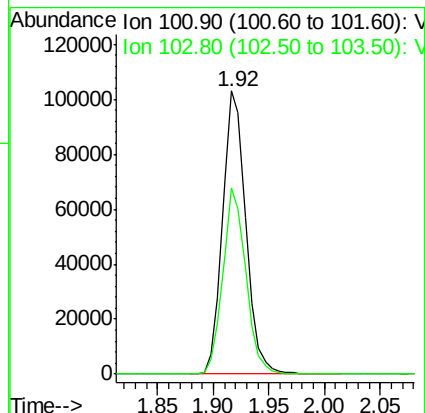
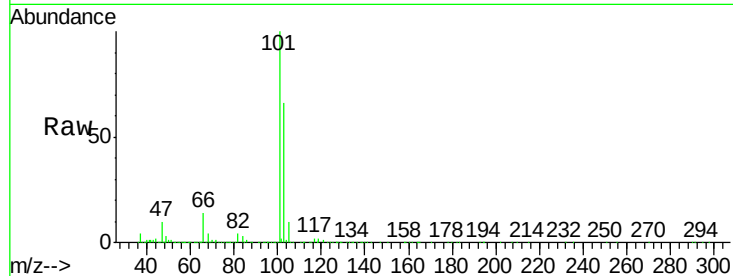


#7

Trichlorofluoromethane
Concen: 20.016 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

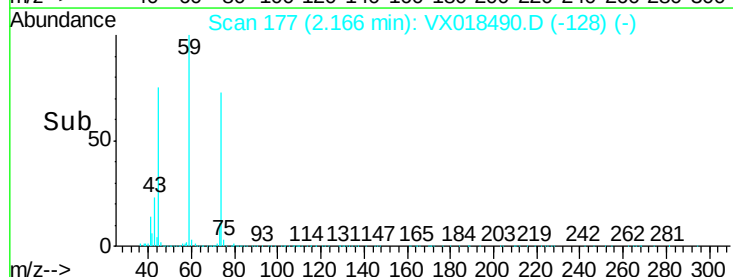
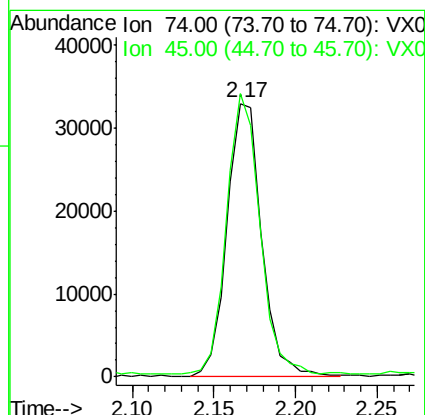
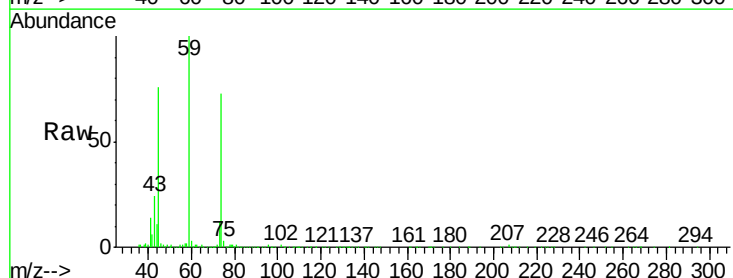
Tgt Ion:101 Resp: 149063
Ion Ratio Lower Upper
101 100
103 65.6 49.6 74.4

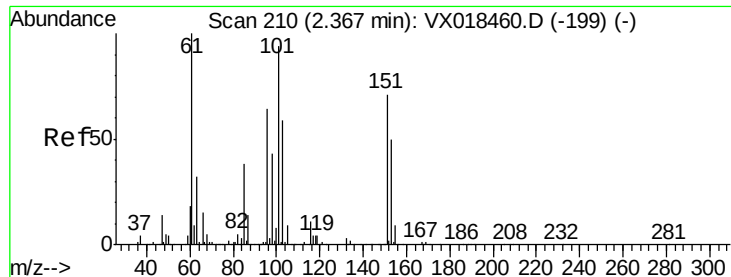


#8

Diethyl Ether
Concen: 18.691 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 74 Resp: 48837
Ion Ratio Lower Upper
74 100
45 97.6 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.827 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

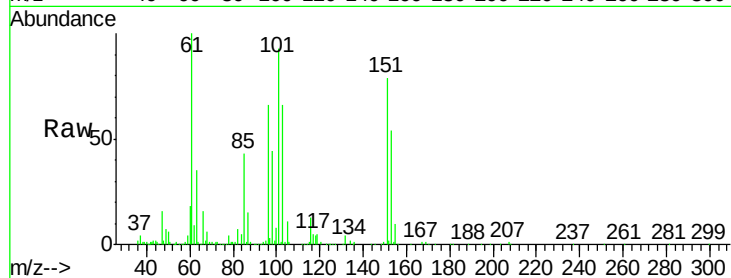
Tgt Ion:101 Resp: 75466

Ion Ratio Lower Upper

101 100

85 46.2 34.7 52.1

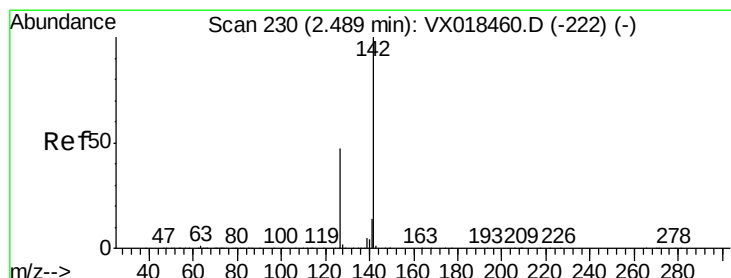
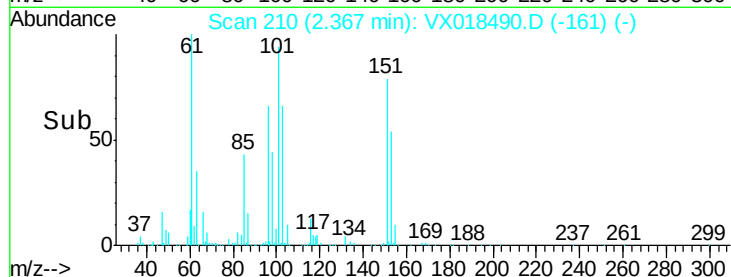
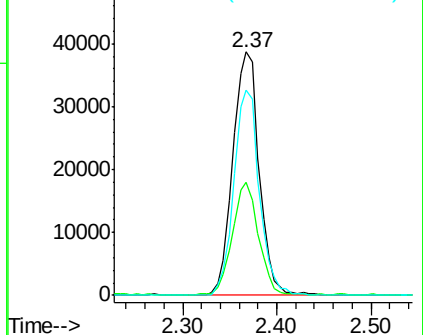
151 82.0 64.9 97.3



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: 20.504 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

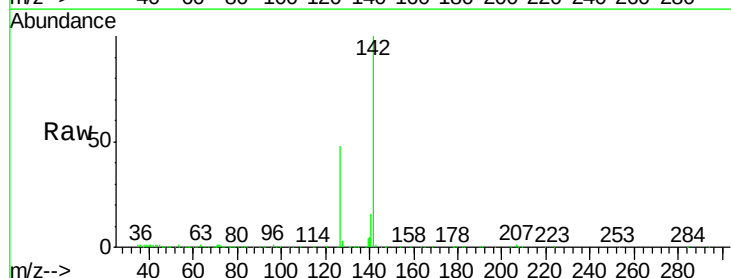
Tgt Ion:142 Resp: 85752

Ion Ratio Lower Upper

142 100

127 49.1 36.0 54.0

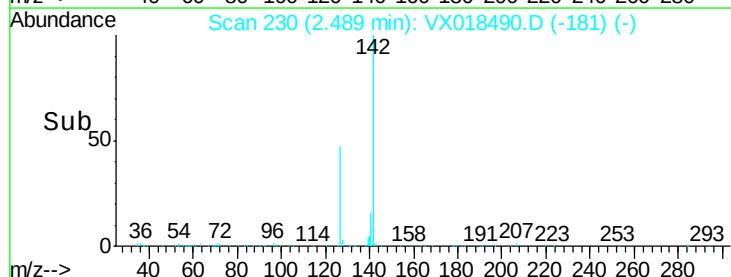
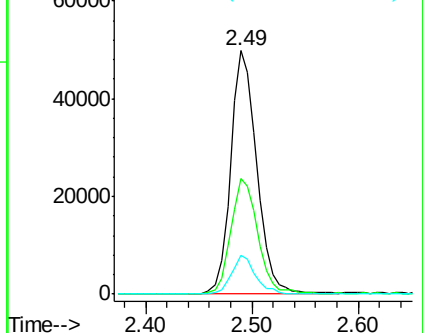
141 14.8 11.9 17.9

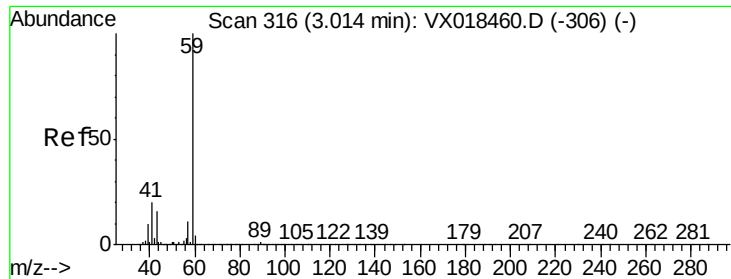


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

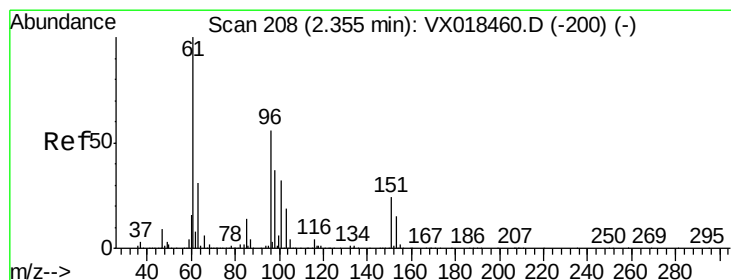
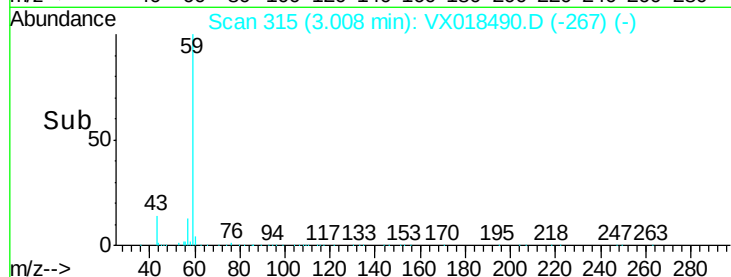
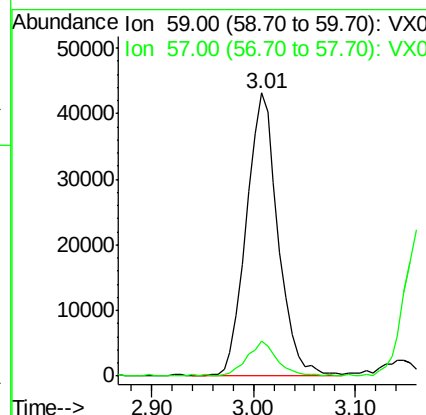
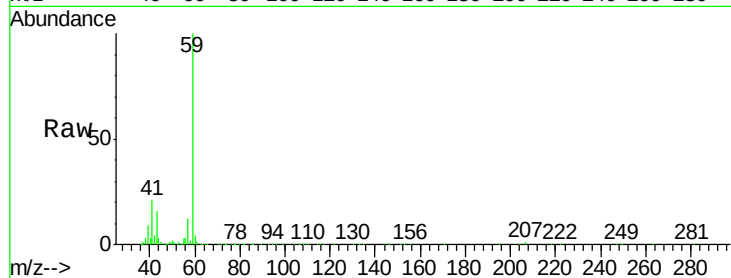




#11
Tert butyl alcohol
Concen: 91.229 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

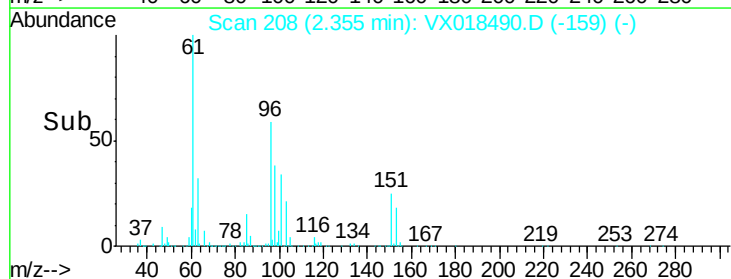
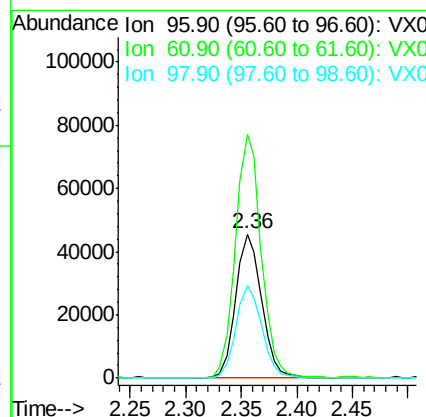
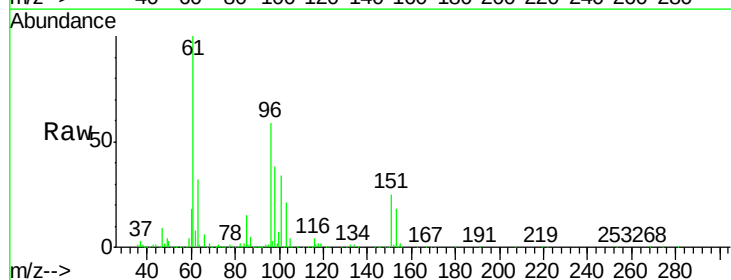
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

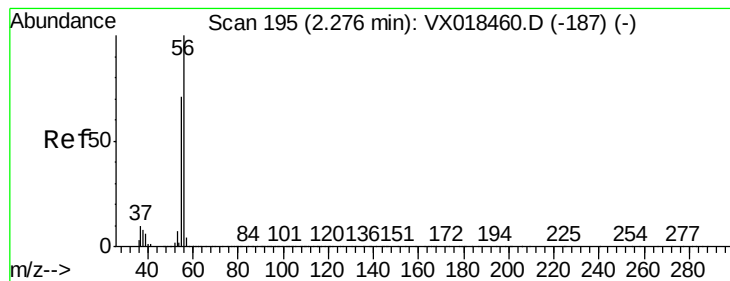
Tgt Ion: 59 Resp: 93681
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.207 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 96 Resp: 73561
Ion Ratio Lower Upper
96 100
61 169.2 142.2 213.4
98 64.6 52.4 78.6





#13

Acrolein

Concen: 71.350 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

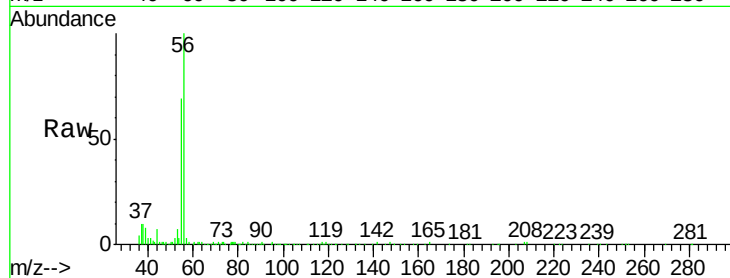
VX0918WBSD02

Tgt Ion: 56 Resp: 46392

Ion Ratio Lower Upper

56 100

55 73.9 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

30000

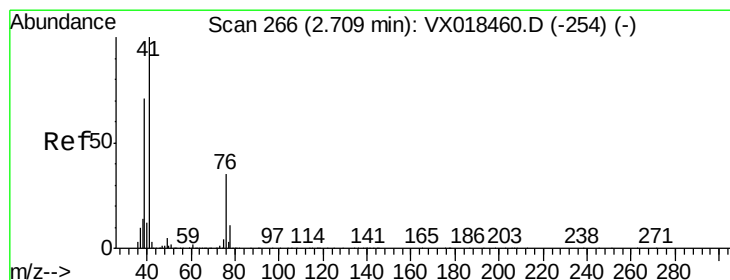
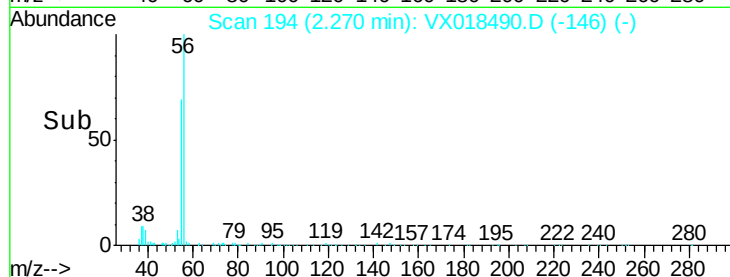
20000

10000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.035 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

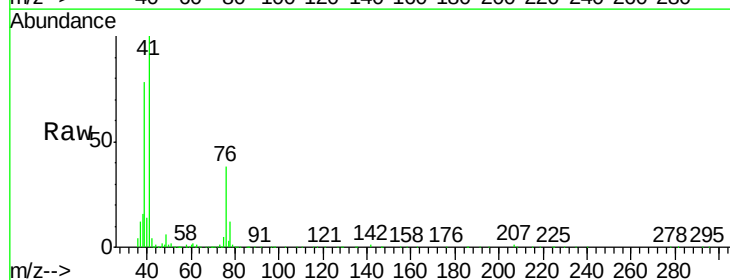
Tgt Ion: 41 Resp: 133369

Ion Ratio Lower Upper

41 100

39 67.3 51.1 76.7

76 34.0 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

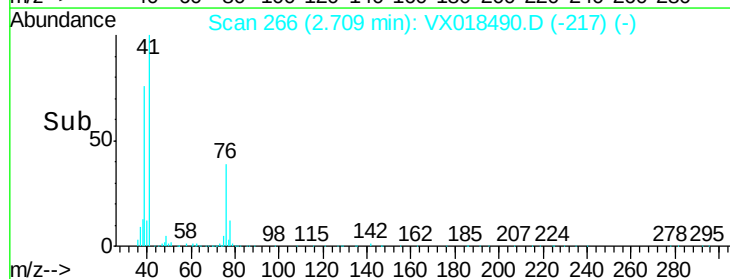
100000

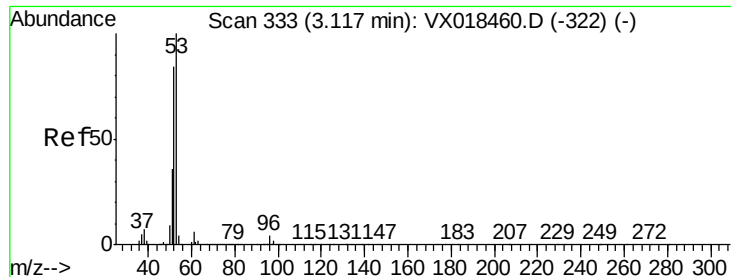
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 95.195 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

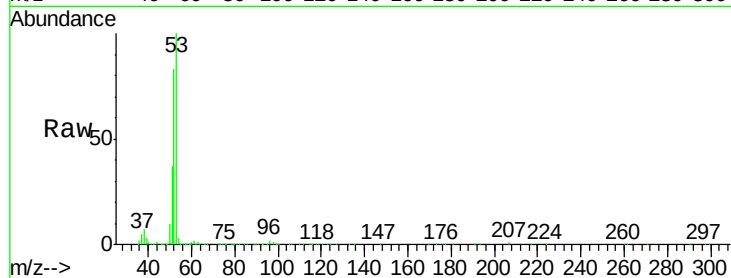
Tgt Ion: 53 Resp: 233245

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

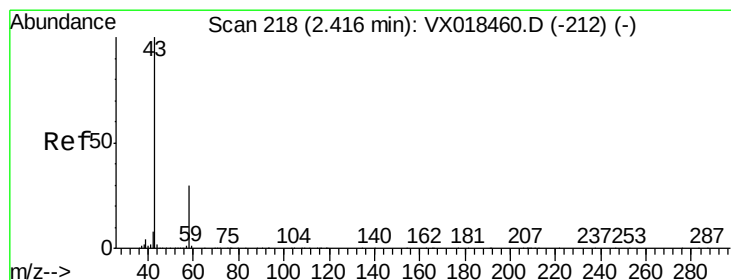
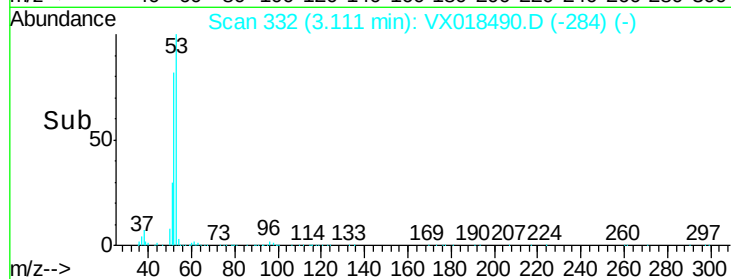
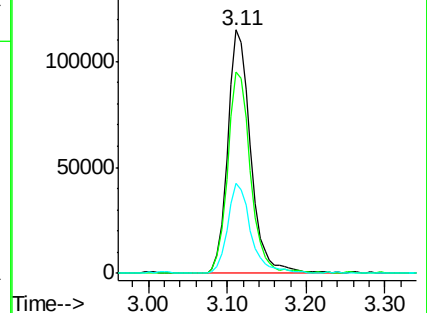
51 36.9 29.2 43.8



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: 88.726 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018490.D

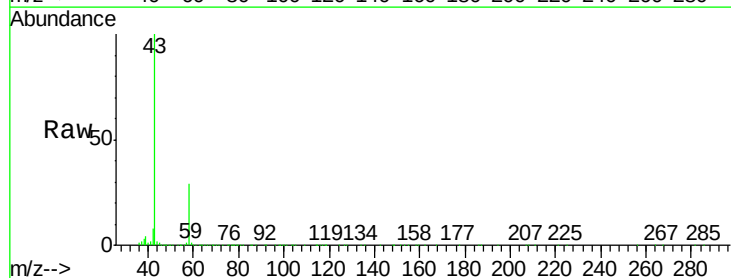
Acq: 18 Sep 2020 14:19

Tgt Ion: 43 Resp: 200259

Ion Ratio Lower Upper

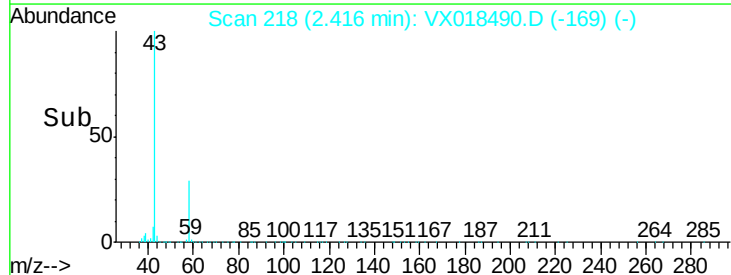
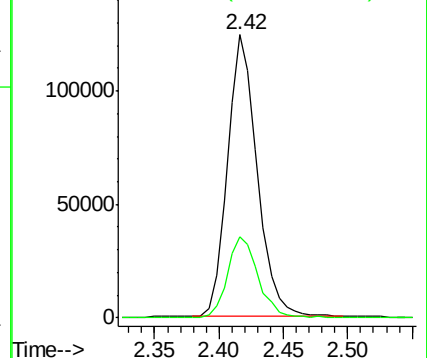
43 100

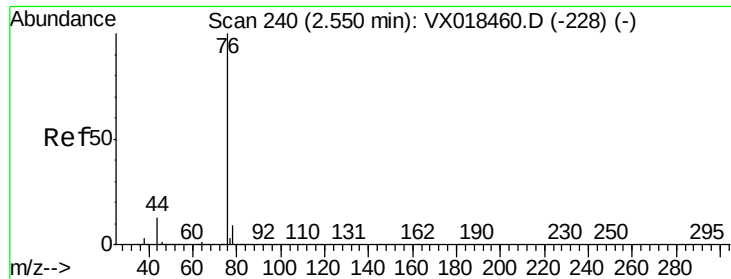
58 28.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.365 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

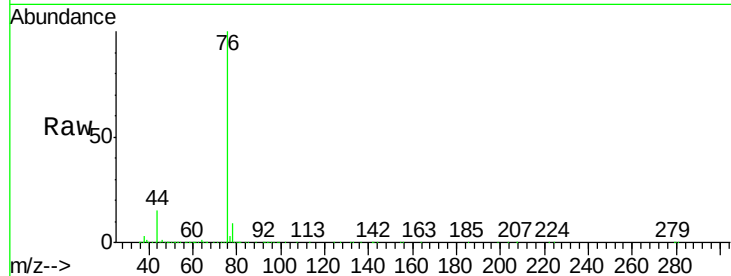
VX0918WBSD02

Tgt Ion: 76 Resp: 209530

Ion Ratio Lower Upper

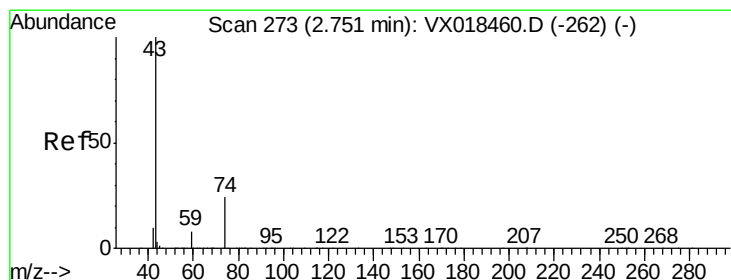
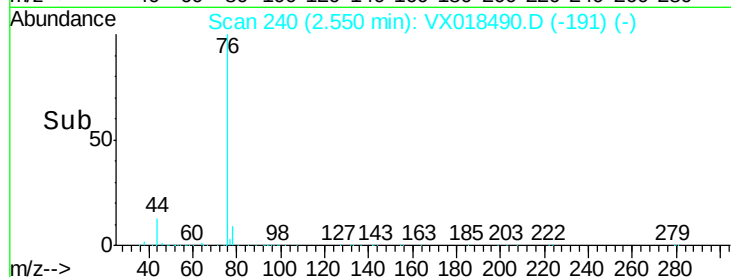
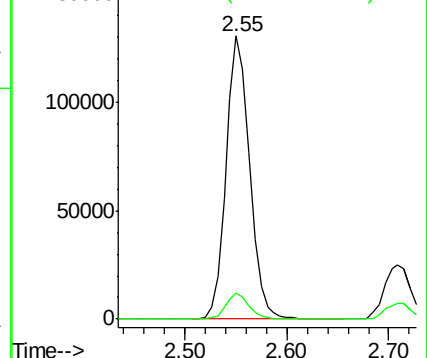
76 100

78 9.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.046 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018490.D

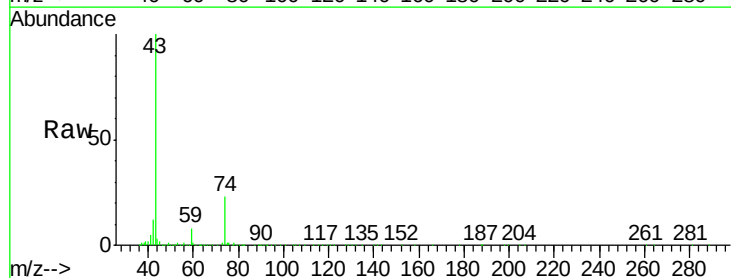
Acq: 18 Sep 2020 14:19

Tgt Ion: 43 Resp: 112102

Ion Ratio Lower Upper

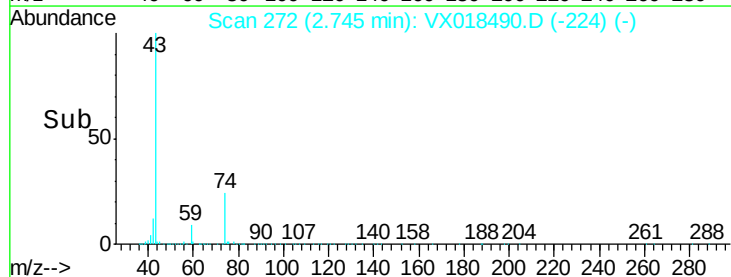
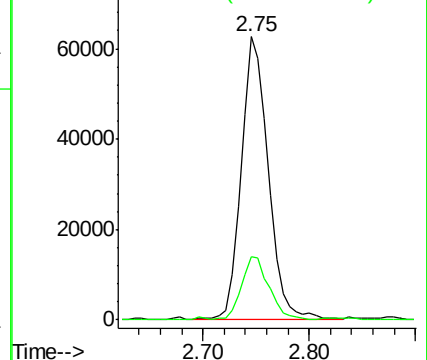
43 100

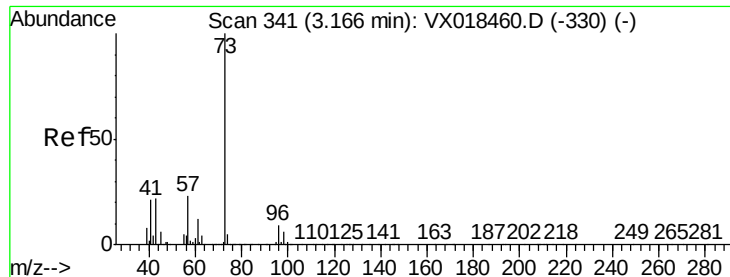
74 22.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.597 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

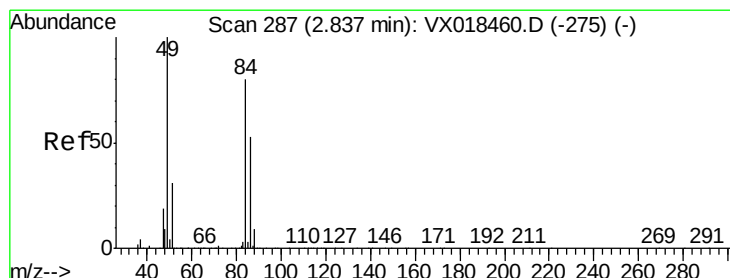
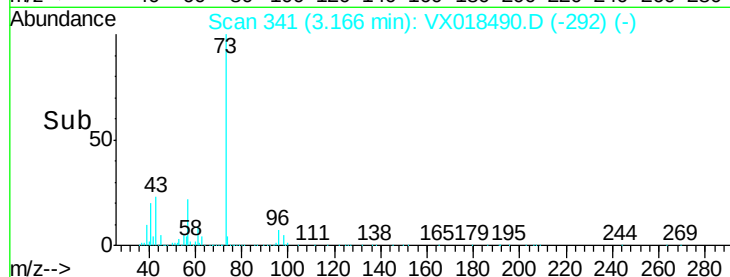
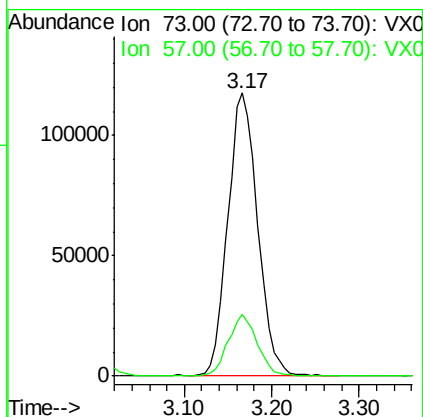
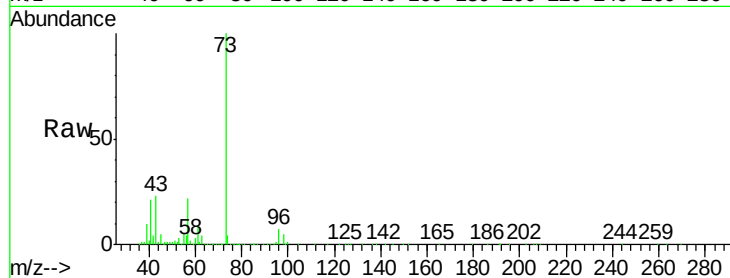
VX0918WBSD02

Tgt Ion: 73 Resp: 277939

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



#20

Methylene Chloride

Concen: 17.413 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion: 84 Resp: 86716

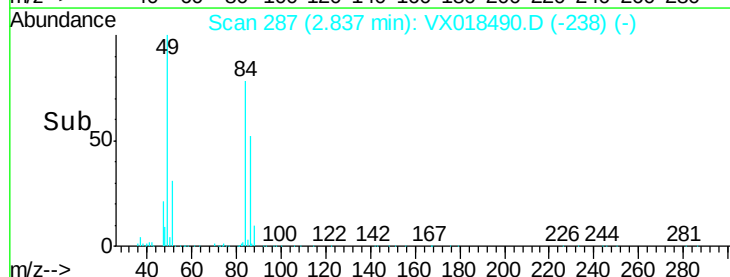
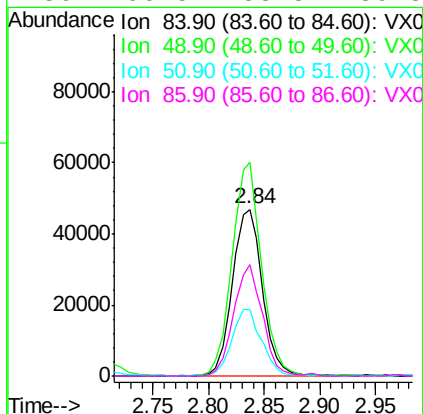
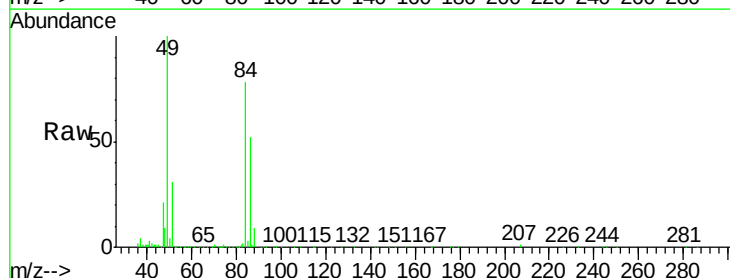
Ion Ratio Lower Upper

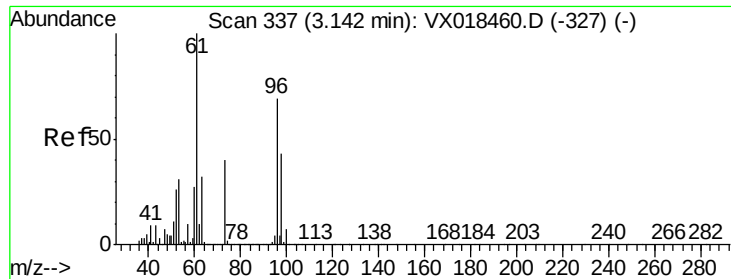
84 100

49 128.3 100.6 151.0

51 39.6 30.9 46.3

86 66.5 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 17.713 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

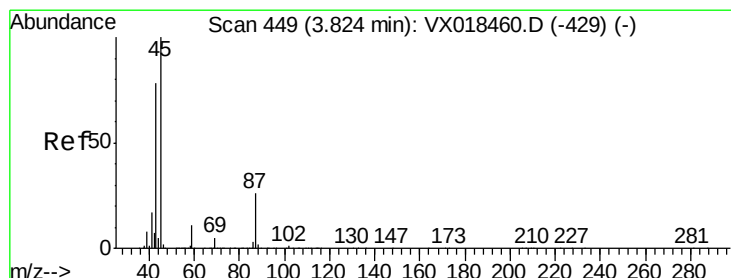
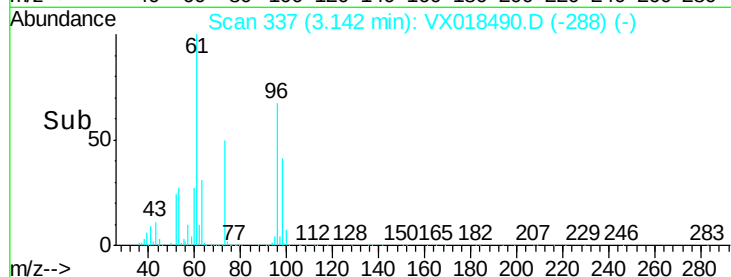
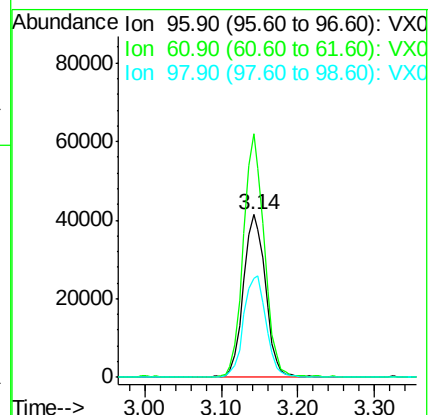
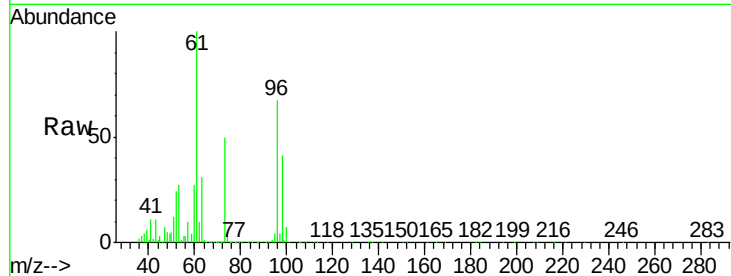
Tgt Ion: 96 Resp: 83171

Ion Ratio Lower Upper

96 100

61 149.4 115.6 173.4

98 61.1 50.2 75.4



#22

Diisopropyl ether

Concen: 18.302 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion: 45 Resp: 269344

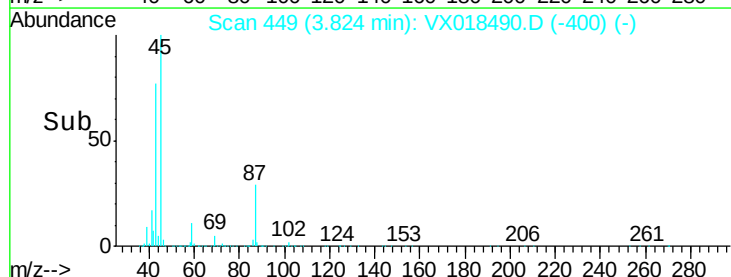
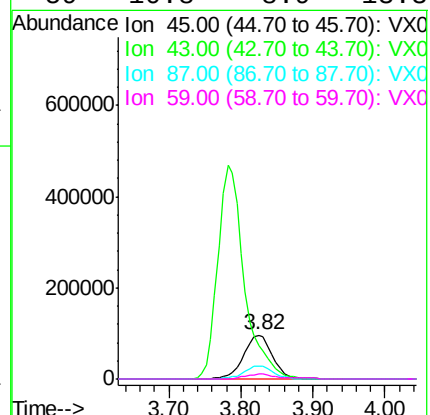
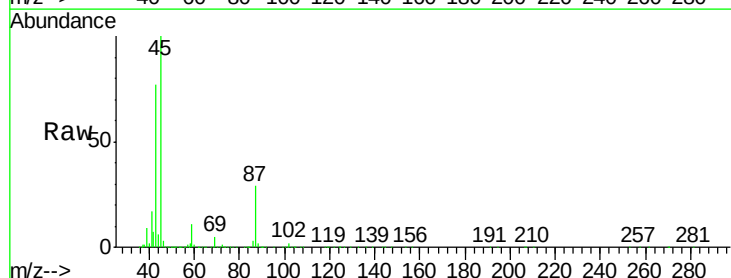
Ion Ratio Lower Upper

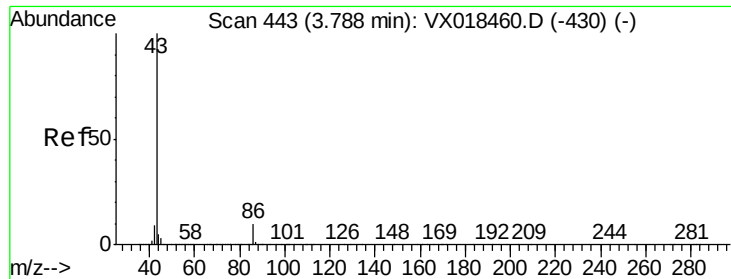
45 100

43 76.3 62.4 93.6

87 28.5 21.2 31.8

59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 92.232 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

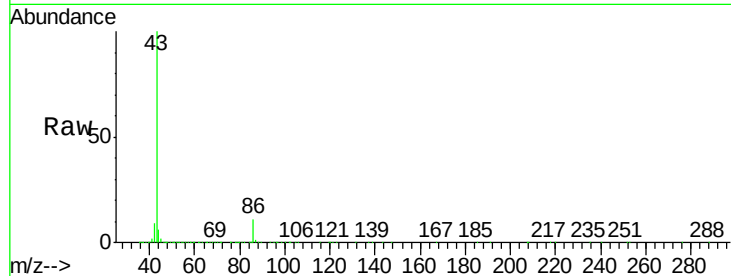
VX0918WBSD02

Tgt Ion: 43 Resp: 1202750

Ion Ratio Lower Upper

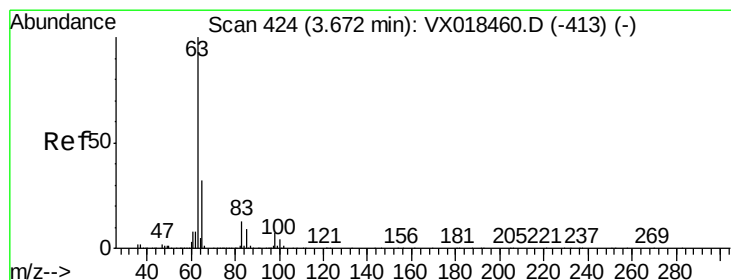
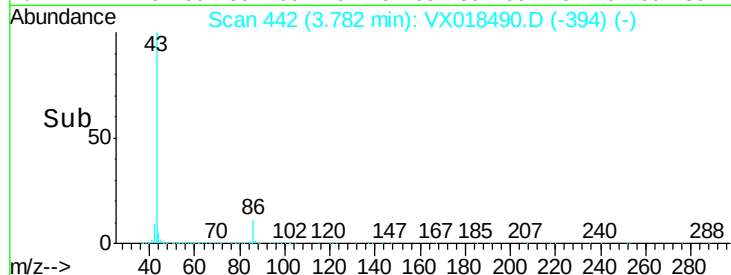
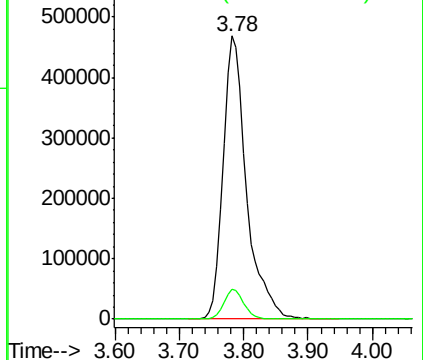
43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.918 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

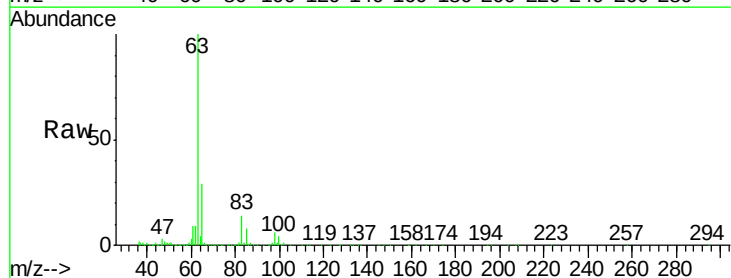
Tgt Ion: 63 Resp: 152074

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

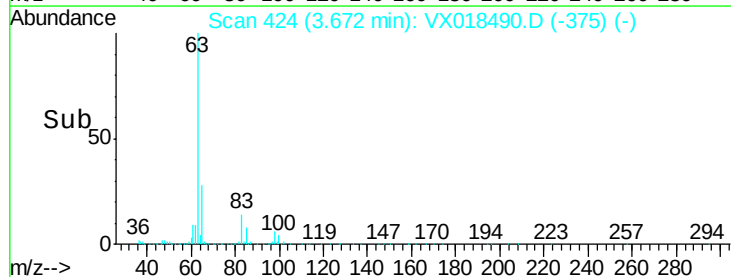
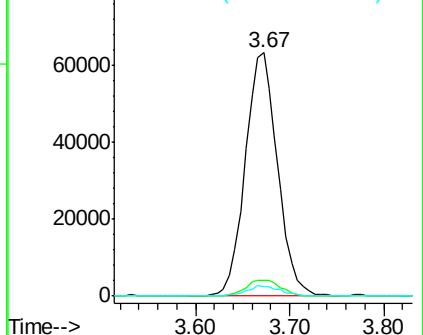
100 4.0 1.9 5.7

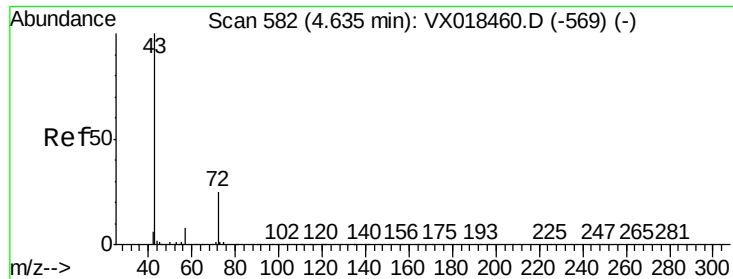


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.080 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

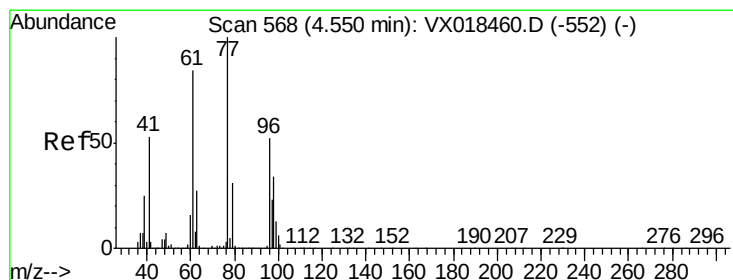
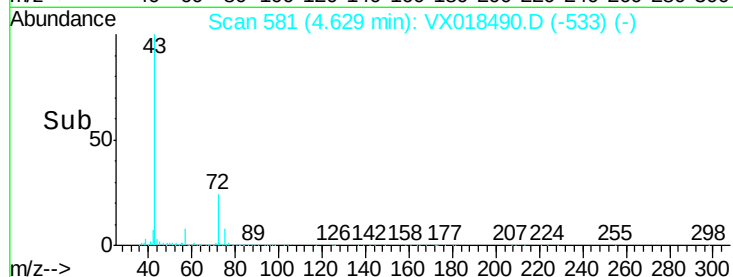
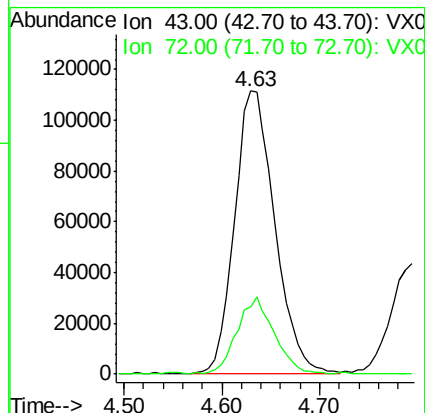
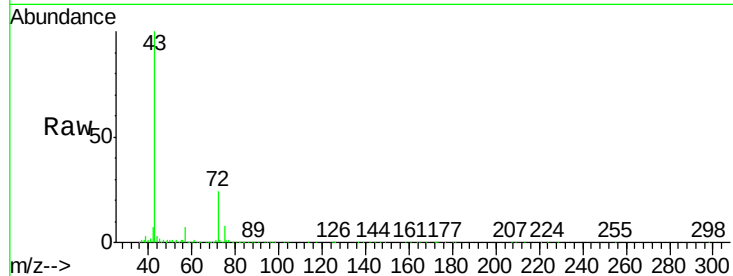
VX0918WBSD02

Tgt Ion: 43 Resp: 316615

Ion Ratio Lower Upper

43 100

72 23.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 17.323 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018490.D

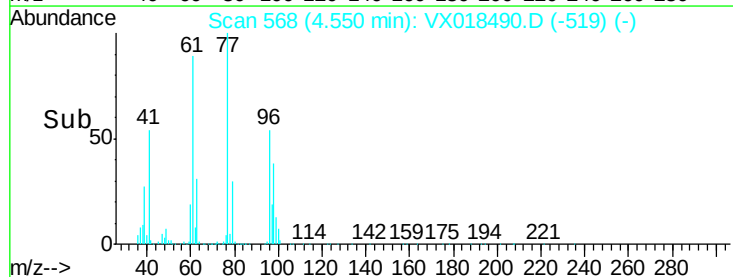
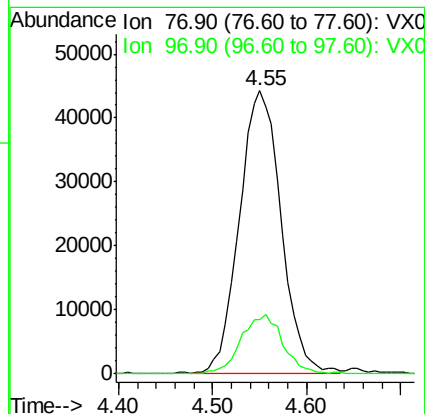
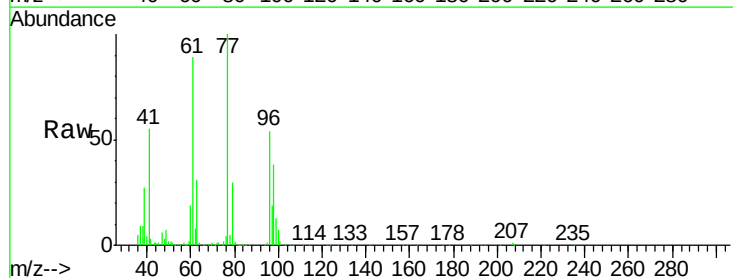
Acq: 18 Sep 2020 14:19

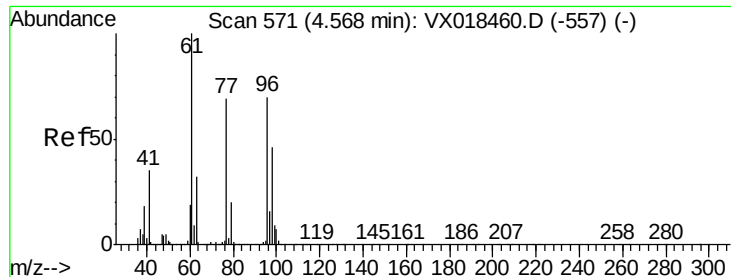
Tgt Ion: 77 Resp: 135843

Ion Ratio Lower Upper

77 100

97 21.1 11.2 33.5



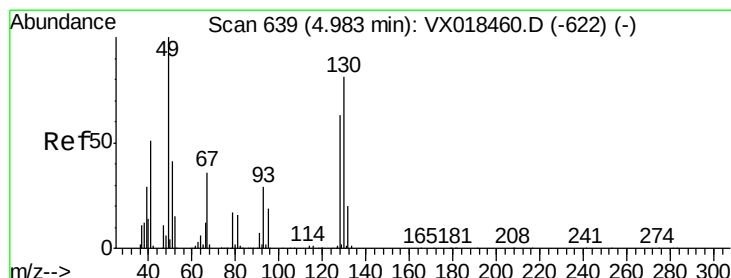
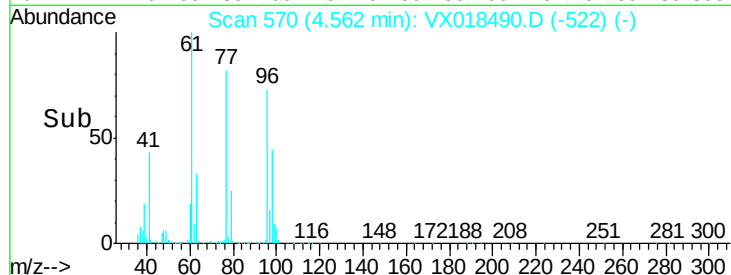
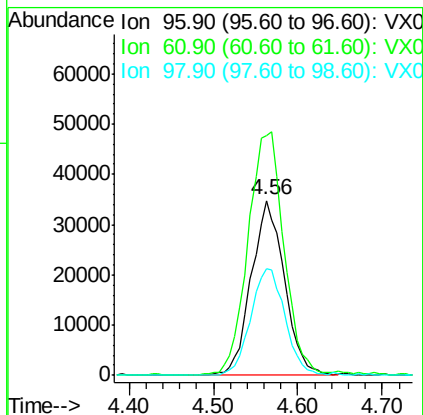
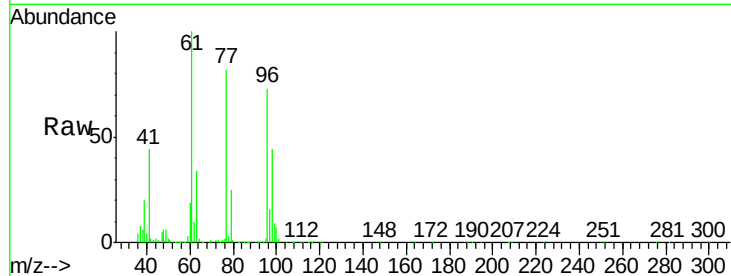


#27

cis-1,2-Dichloroethene
Concen: 17.798 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

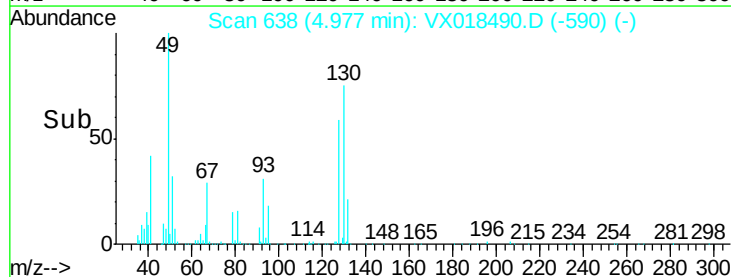
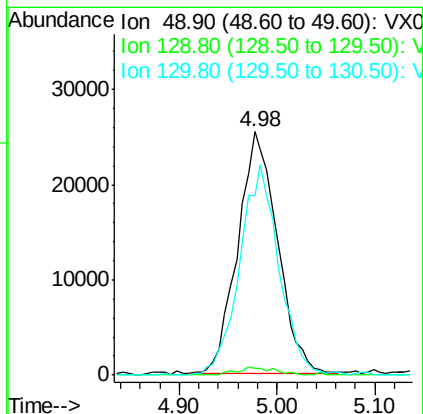
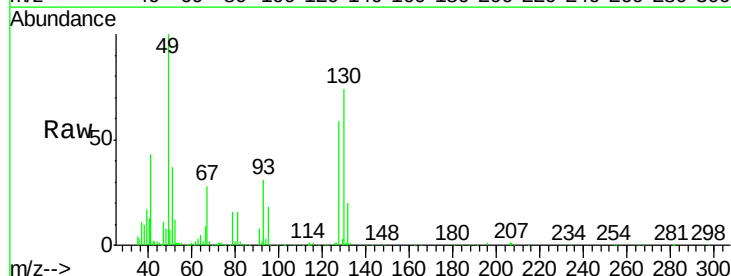
Tgt Ion: 96 Resp: 93668
Ion Ratio Lower Upper
96 100
61 150.3 0.0 300.0
98 62.6 0.0 130.4

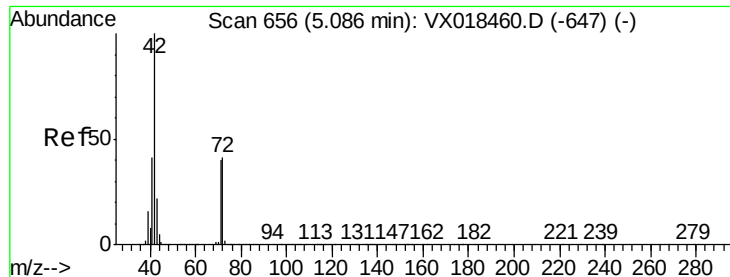


#28

Bromochloromethane
Concen: 17.983 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 49 Resp: 71420
Ion Ratio Lower Upper
49 100
129 3.2 0.0 4.6
130 86.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 89.427 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

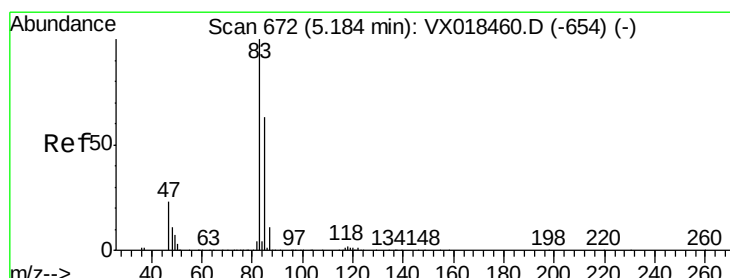
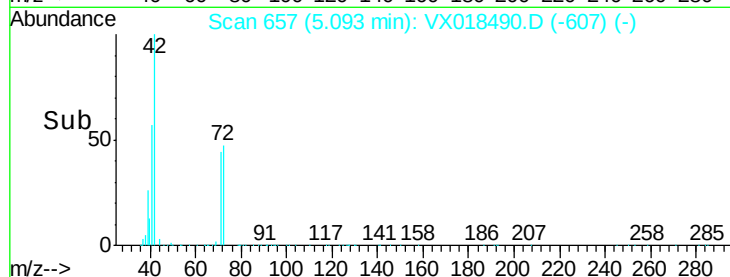
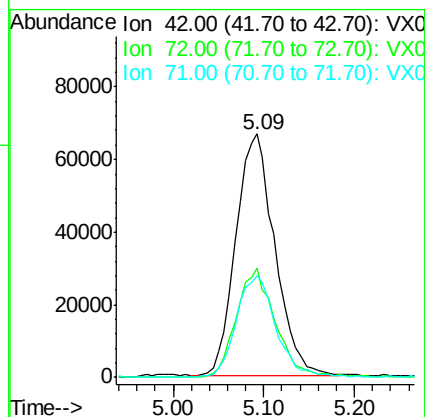
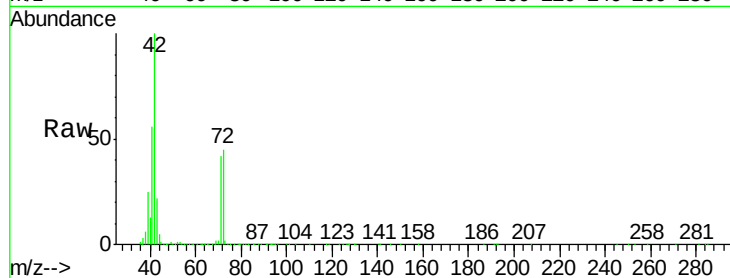
Tgt Ion: 42 Resp: 198111

Ion Ratio Lower Upper

42 100

72 45.4 34.3 51.5

71 43.1 32.1 48.1



#30

Chloroform

Concen: 18.643 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018490.D

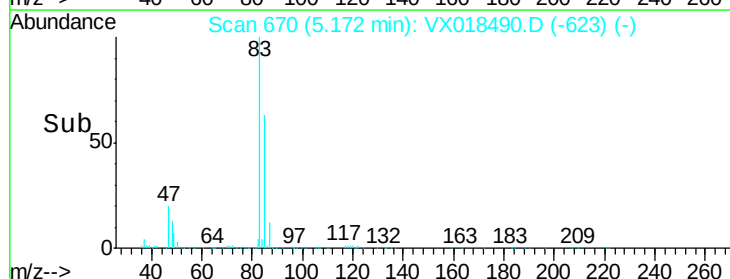
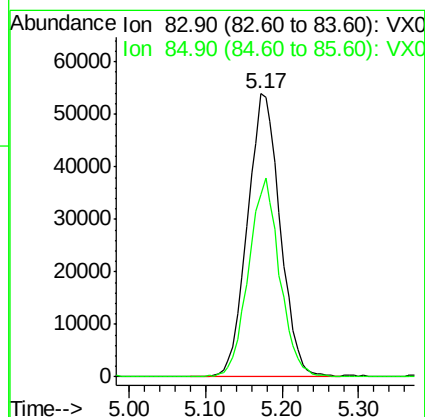
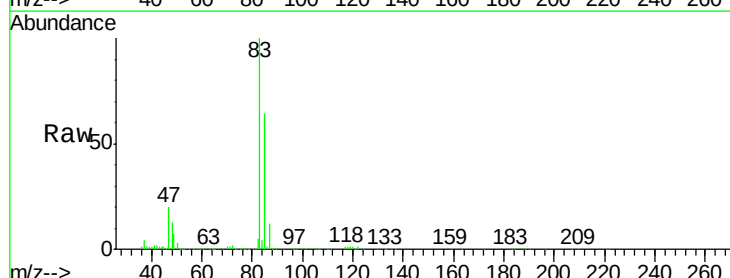
Acq: 18 Sep 2020 14:19

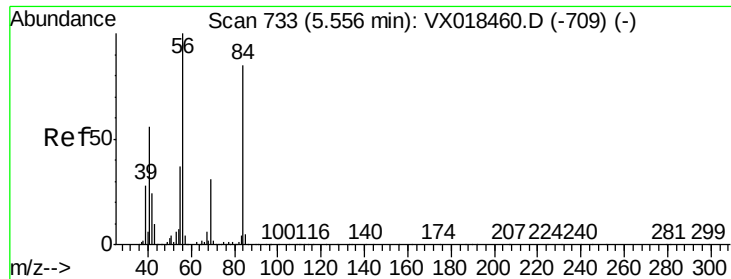
Tgt Ion: 83 Resp: 160539

Ion Ratio Lower Upper

83 100

85 64.0 50.6 76.0

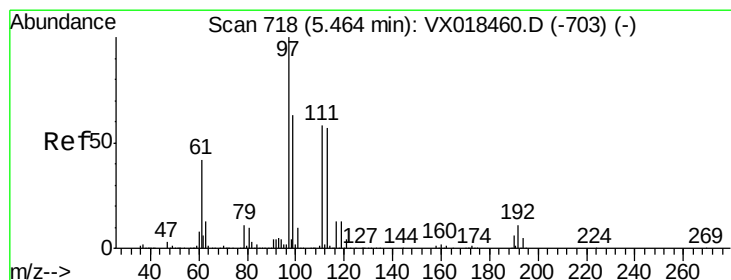
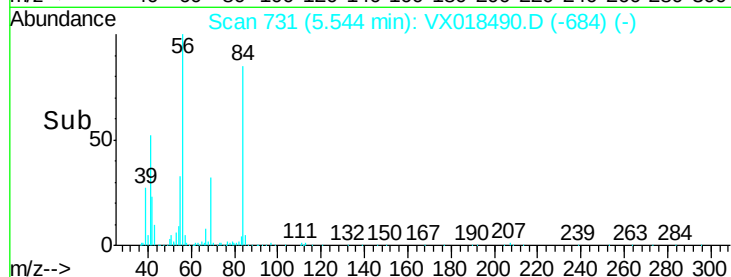
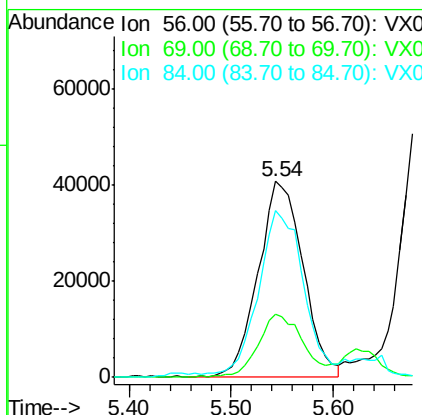
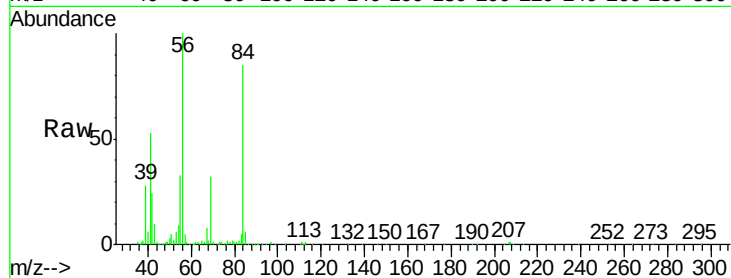




#31
Cyclohexane
Concen: 17.511 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

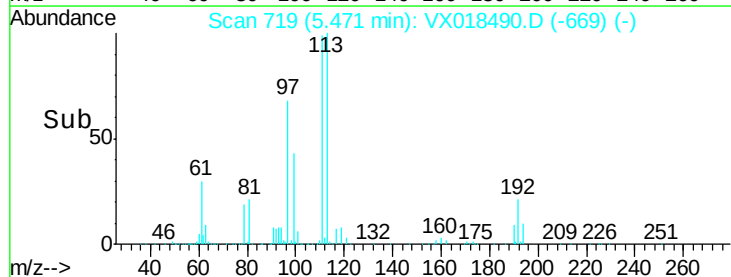
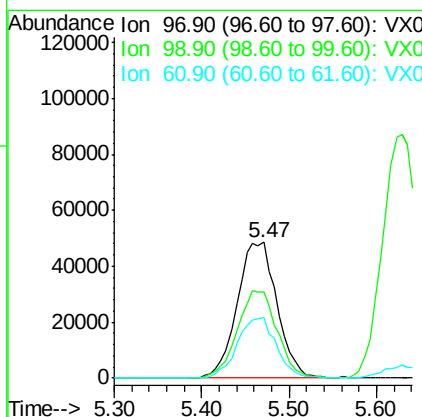
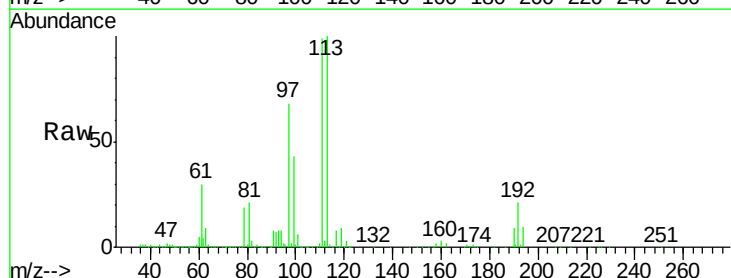
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

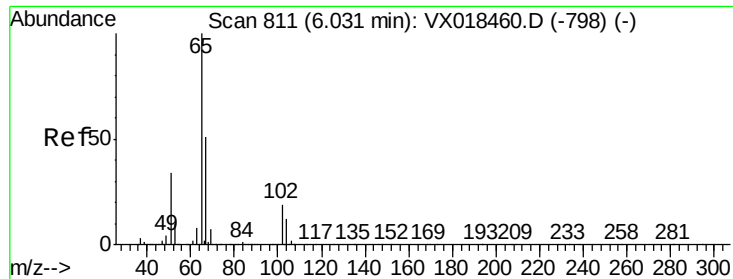
Tgt Ion: 56 Resp: 125068
Ion Ratio Lower Upper
56 100
69 32.2 24.8 37.2
84 83.0 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.059 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 97 Resp: 153968
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 43.6 33.4 50.2

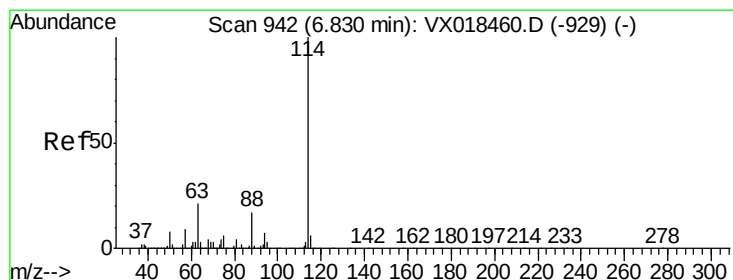
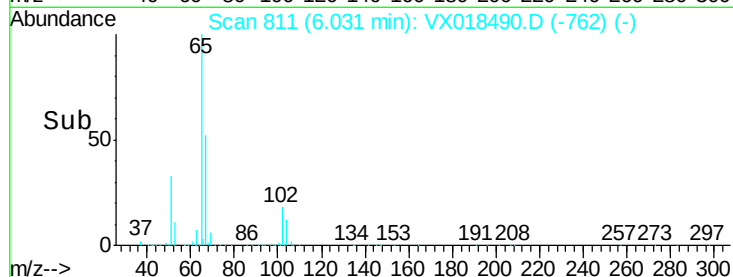
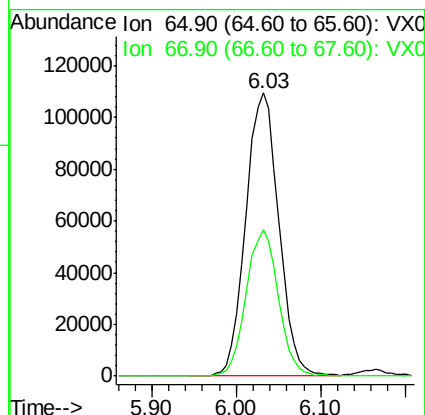
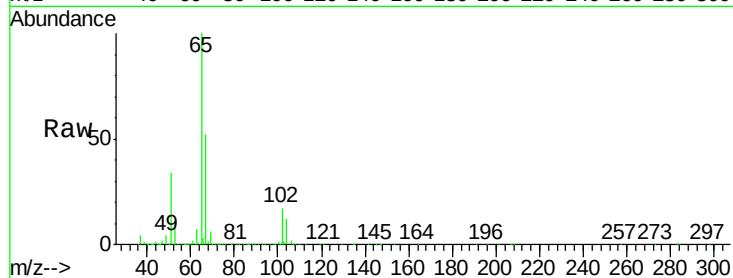




#33
 1,2-Dichloroethane-d4
 Concen: 49.019 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

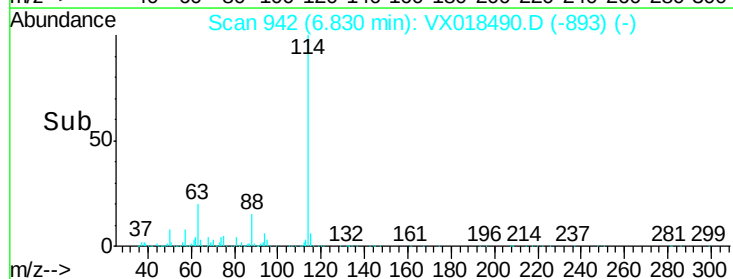
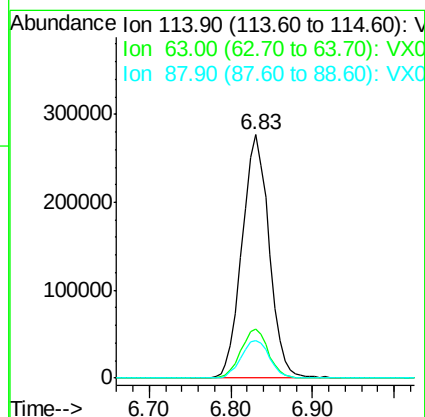
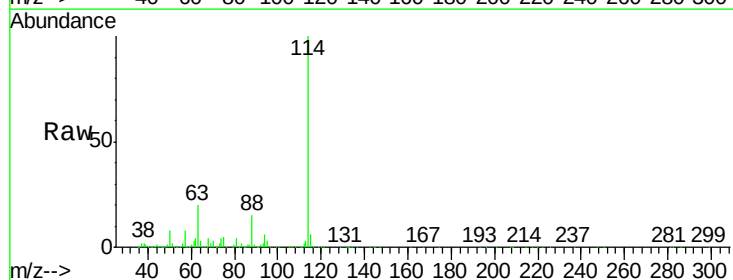
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

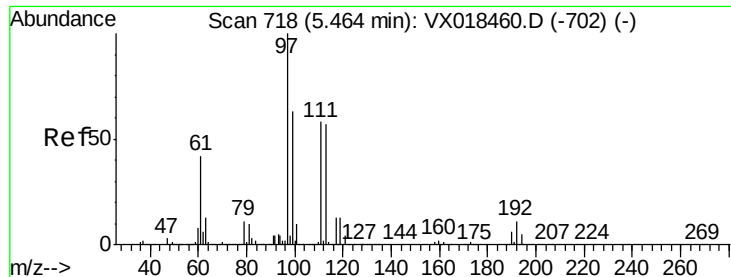
Tgt Ion: 65 Resp: 289298
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion: 114 Resp: 638514
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 15.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

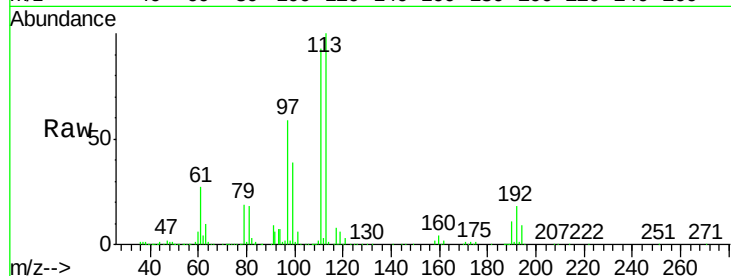
Tgt Ion:113 Resp: 221141

Ion Ratio Lower Upper

113 100

111 99.1 81.4 122.2

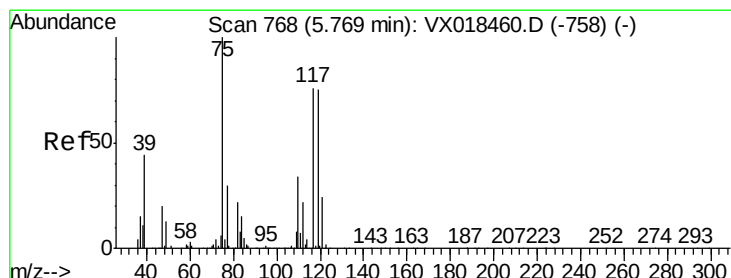
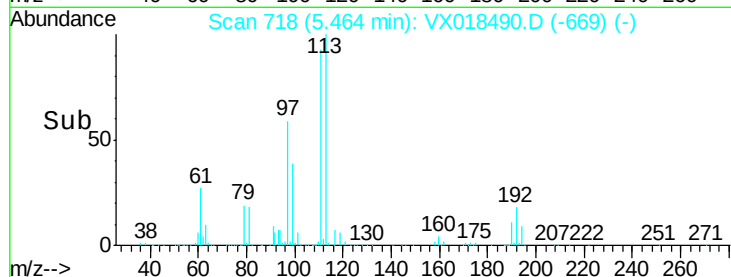
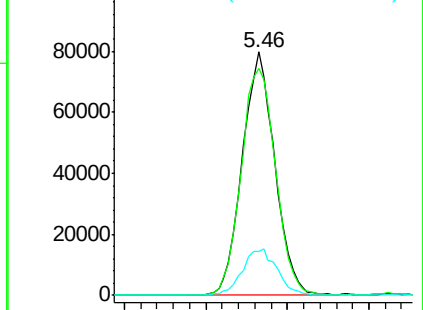
192 20.1 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.386 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

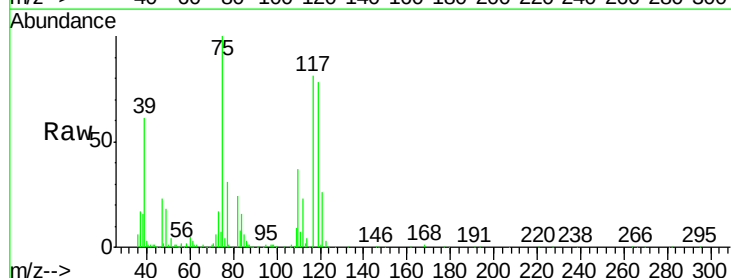
Tgt Ion: 75 Resp: 113945

Ion Ratio Lower Upper

75 100

110 35.8 17.6 52.8

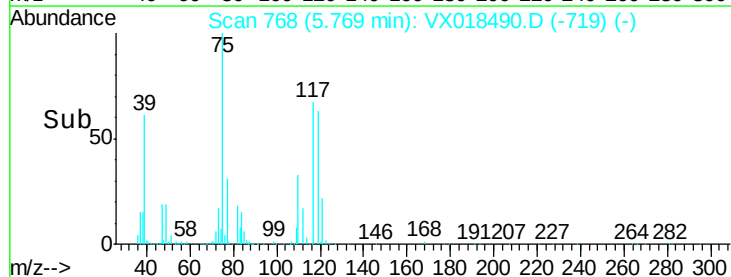
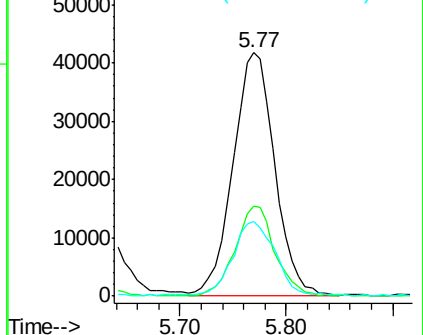
77 32.0 25.0 37.6

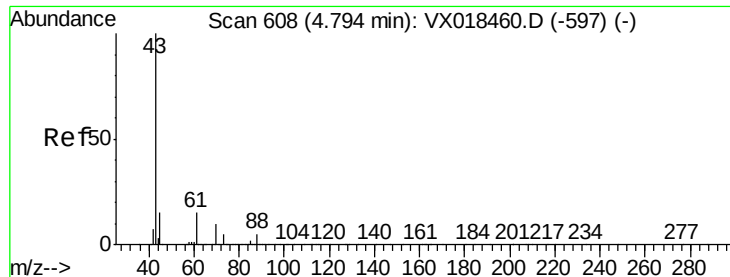


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

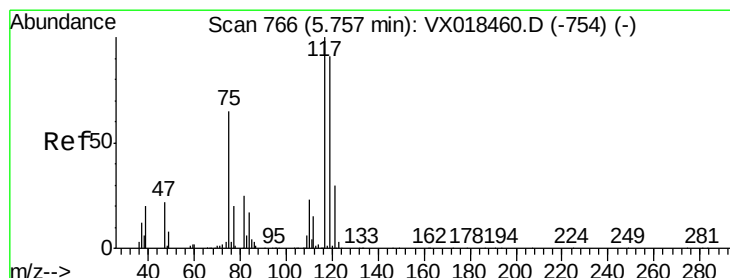
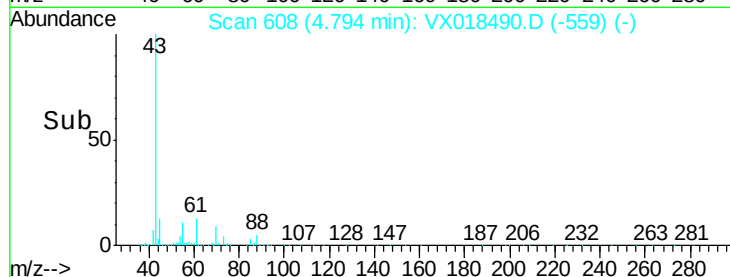
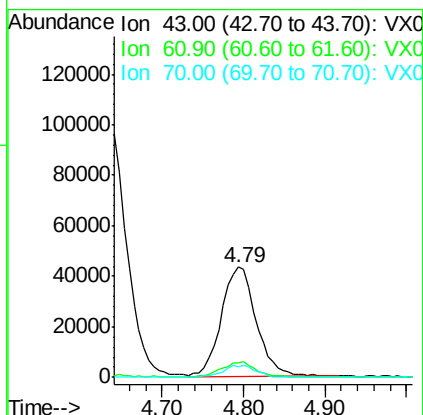
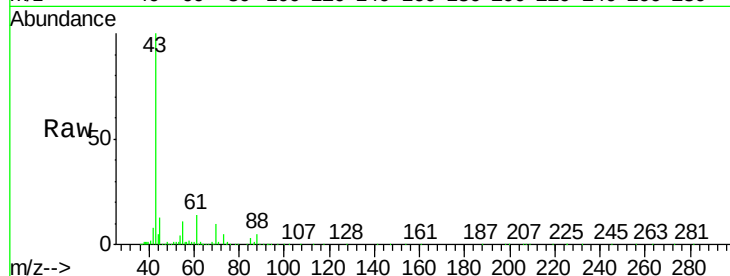




#37
Ethyl Acetate
Concen: 19.382 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

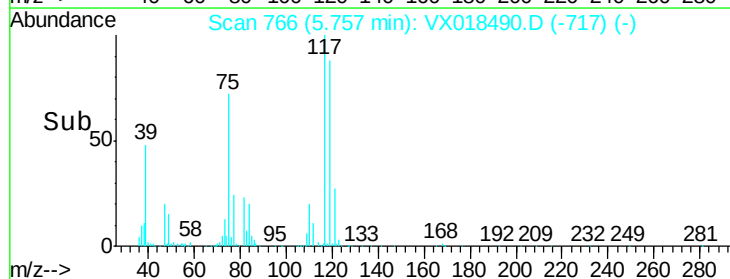
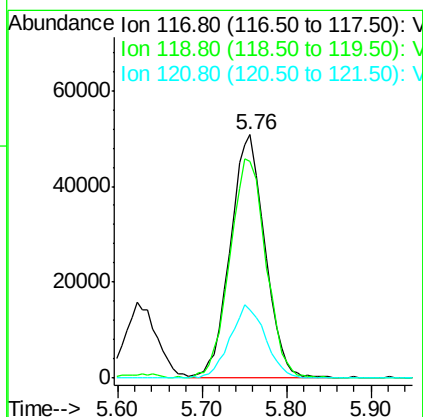
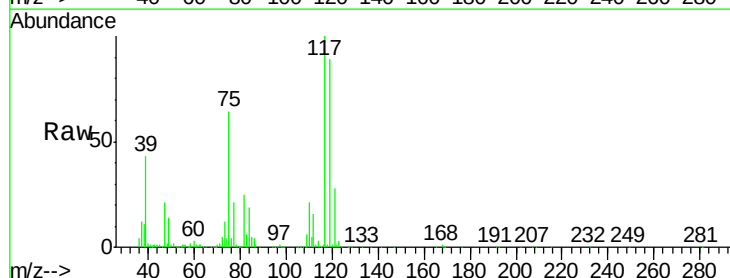
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

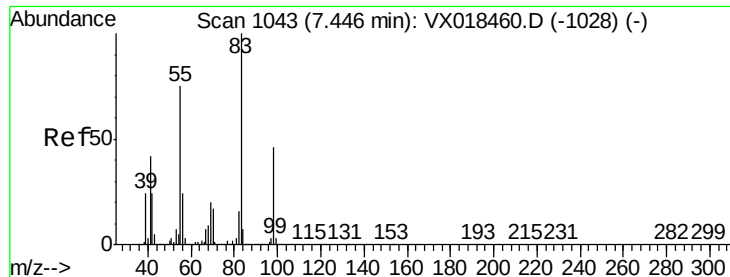
Tgt Ion: 43 Resp: 128271
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.671 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 117 Resp: 141880
Ion Ratio Lower Upper
117 100
119 88.8 72.3 108.5
121 28.2 23.8 35.8

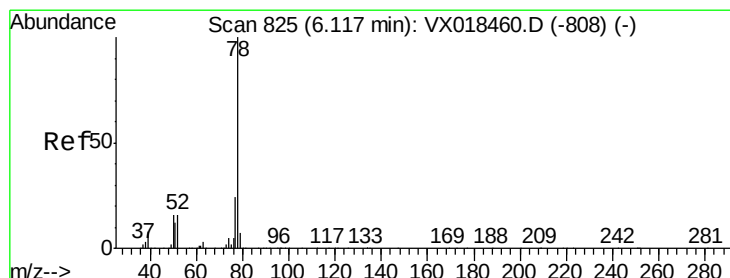
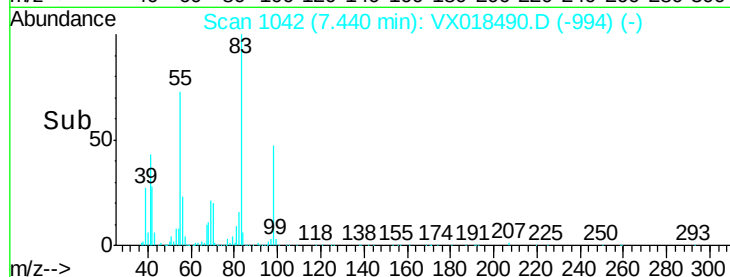
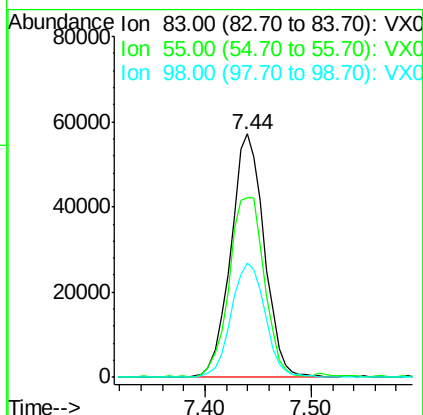
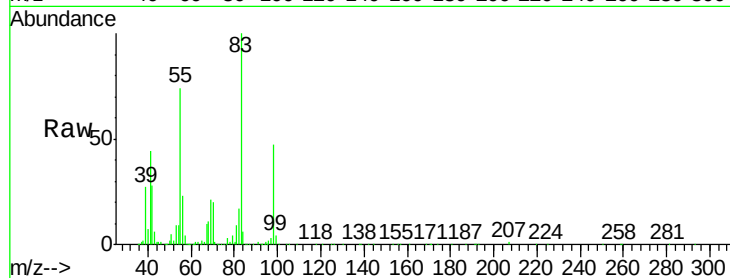




#39
Methylcyclohexane
Concen: 18.155 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

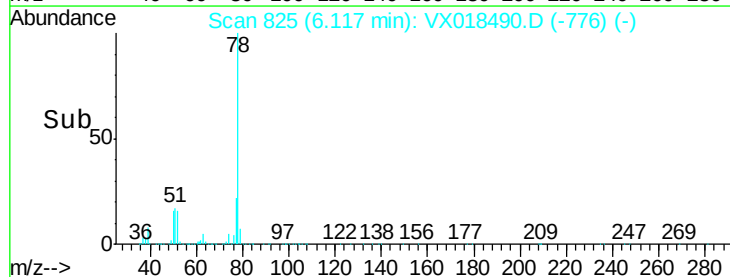
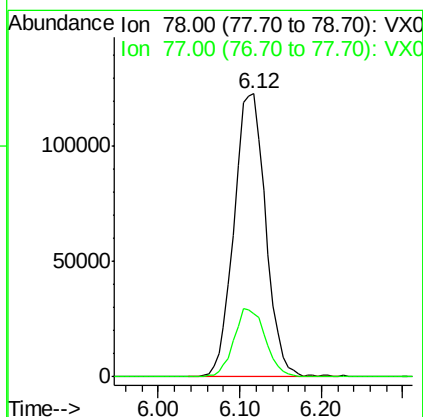
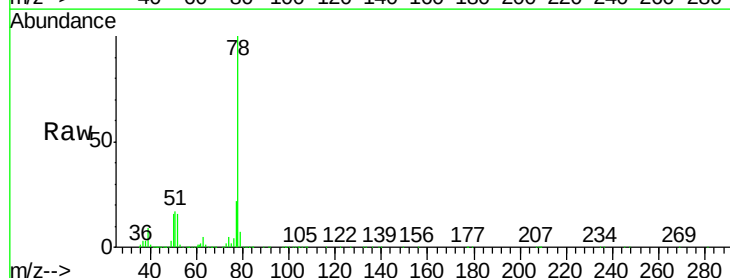
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

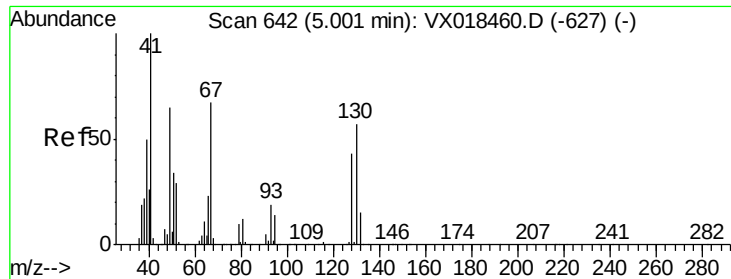
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.2	90.4
98	46.8	36.4	54.6



#40
Benzene
Concen: 18.602 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4

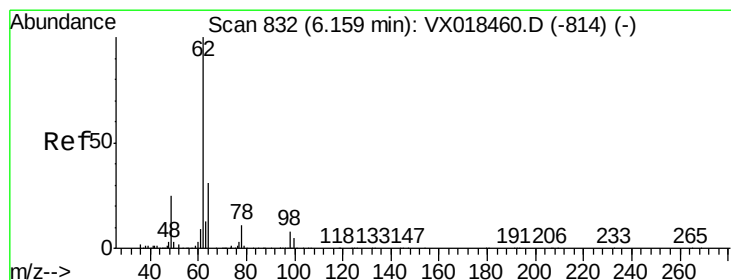
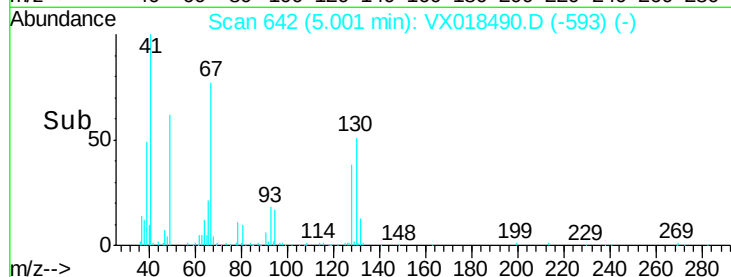
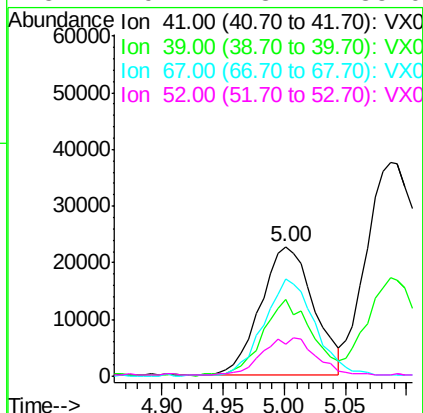
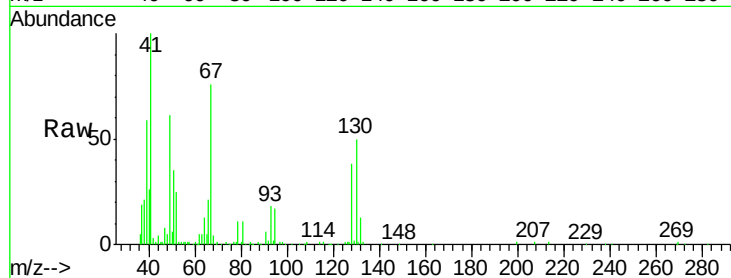




#41
Methacrylonitrile
Concen: 18.768 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

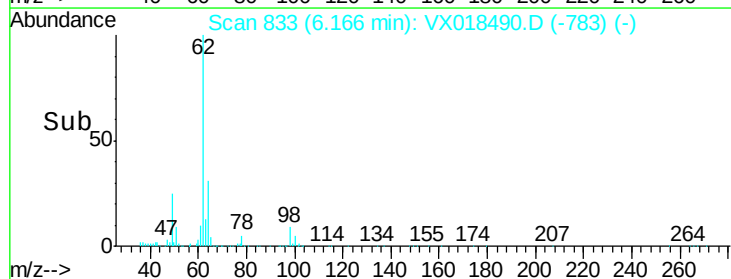
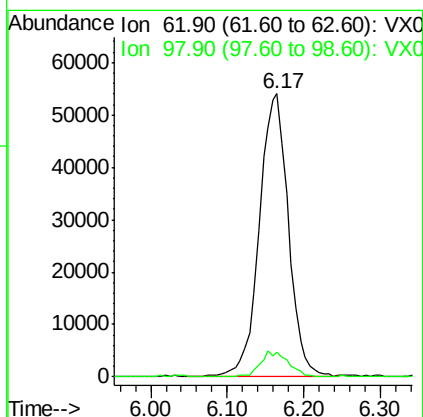
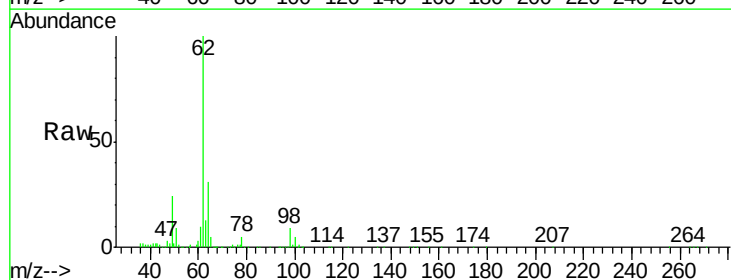
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

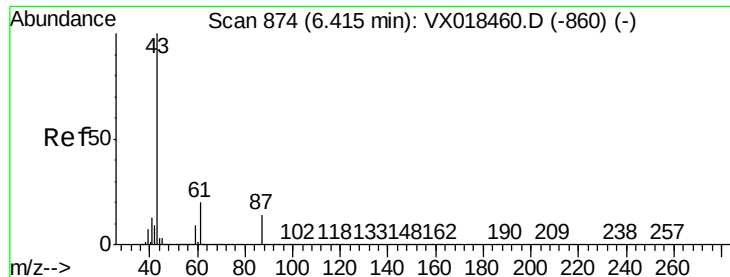
Tgt Ion:	41	Resp:	69017
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.3	67.9
67	72.1	56.7	85.1
52	29.4	23.4	35.0



#42
1,2-Dichloroethane
Concen: 20.839 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion:	62	Resp:	143992
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.640 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

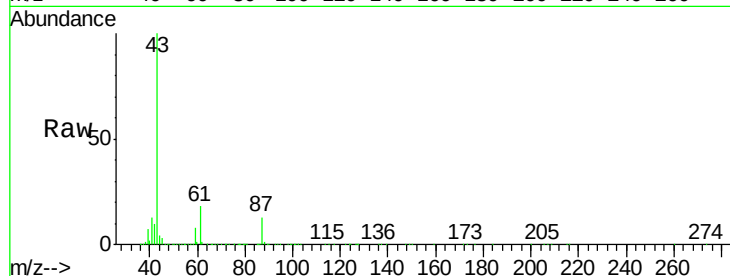
Tgt Ion: 43 Resp: 204706

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

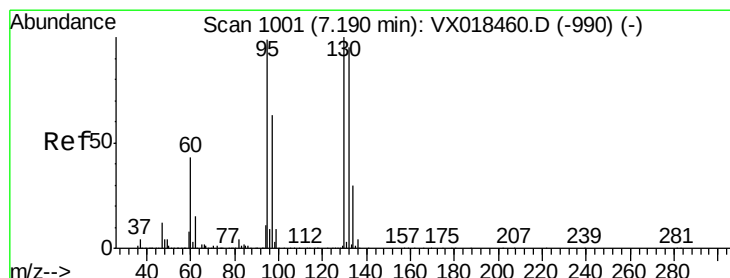
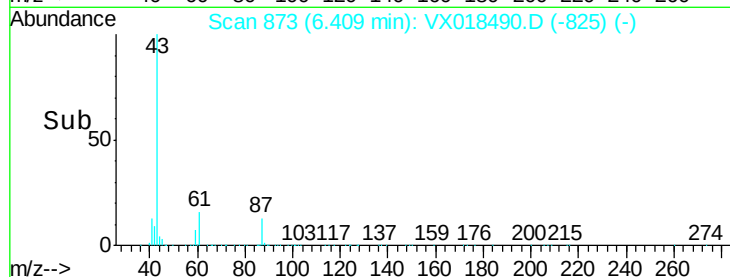
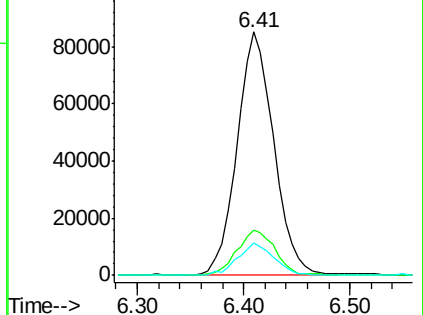
87 13.4 10.4 15.6



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: 19.292 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018490.D

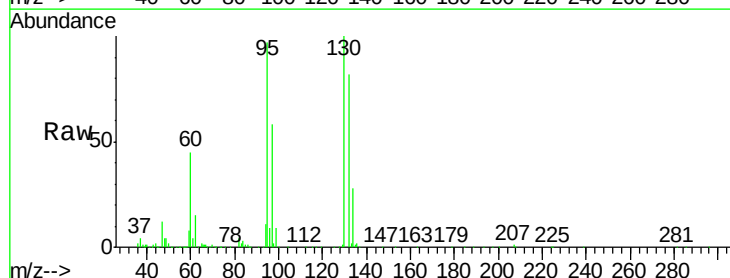
Acq: 18 Sep 2020 14:19

Tgt Ion: 130 Resp: 99192

Ion Ratio Lower Upper

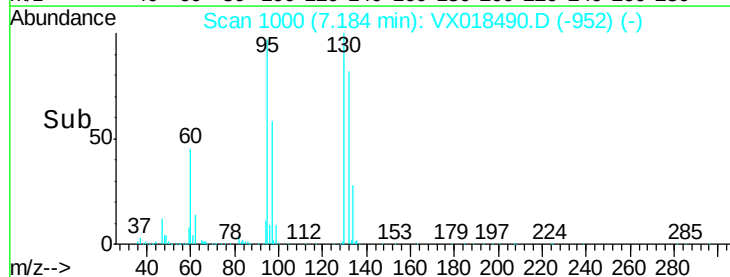
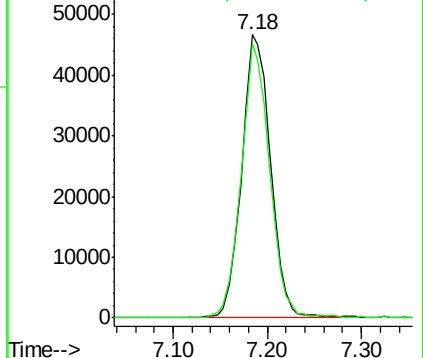
130 100

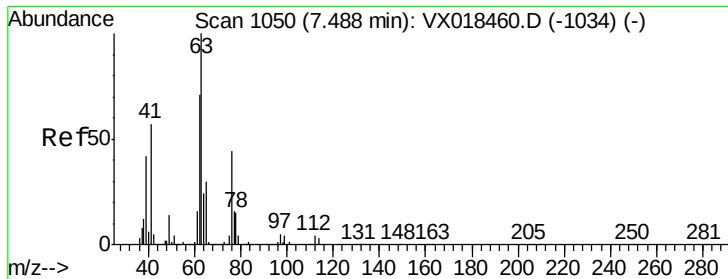
95 96.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

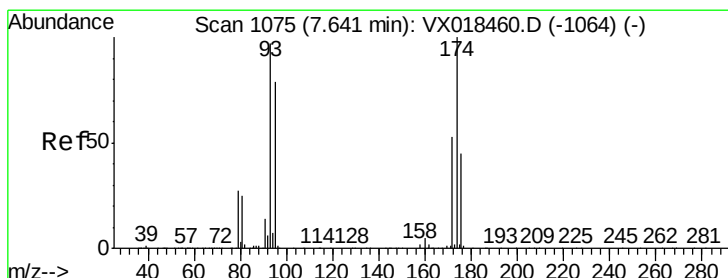
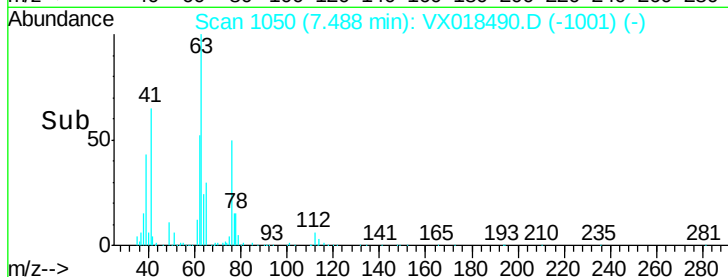
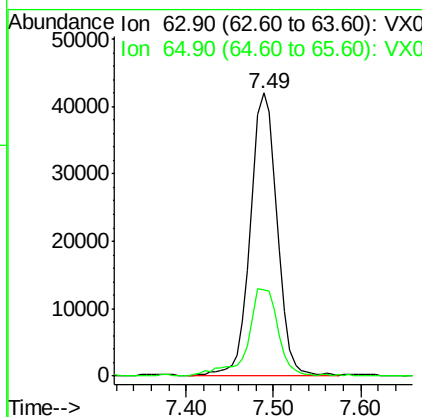
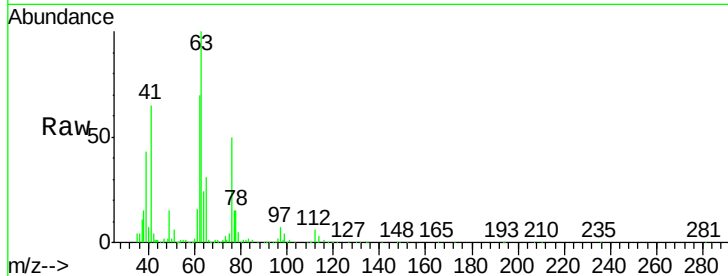




#45
 1,2-Dichloropropane
 Concen: 18.349 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

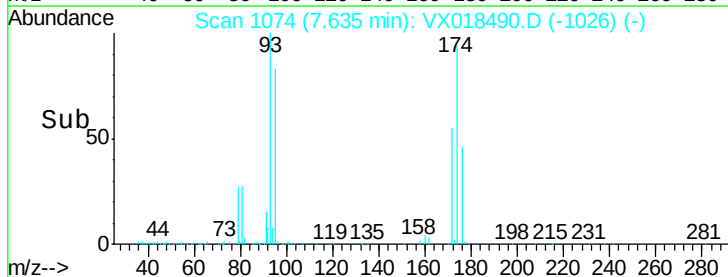
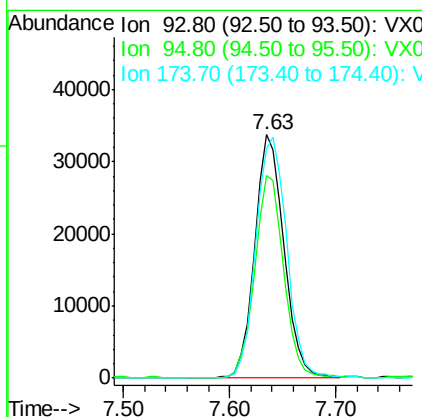
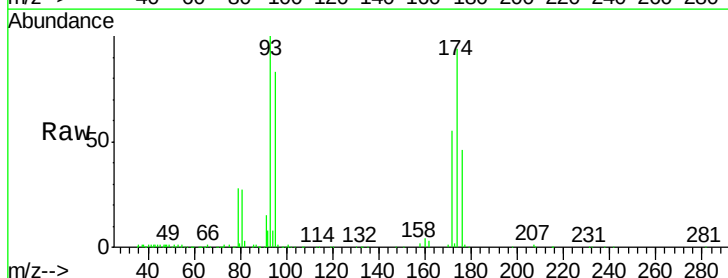
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

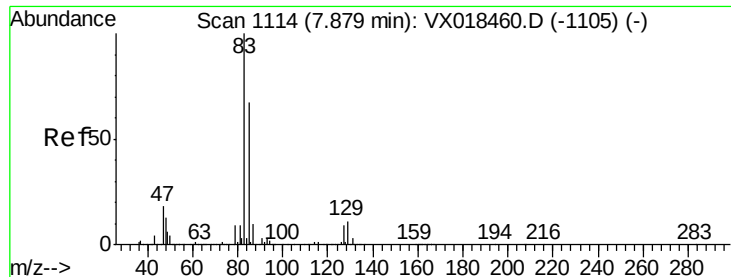
Tgt Ion: 63 Resp: 89450
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.1 36.1



#46
 Dibromomethane
 Concen: 19.466 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion: 93 Resp: 65196
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.0 97.4
 174 104.5 82.0 123.0





#47

Bromodichloromethane

Concen: 19.874 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

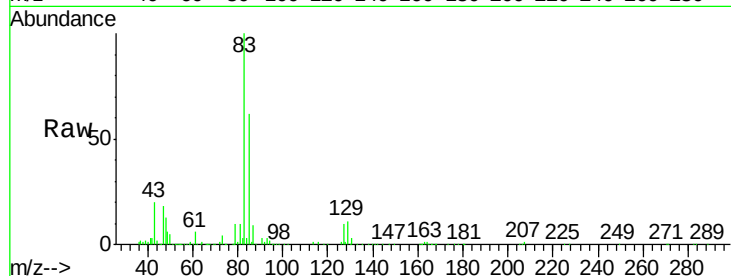
Tgt Ion: 83 Resp: 134148

Ion Ratio Lower Upper

83 100

85 62.3 53.3 79.9

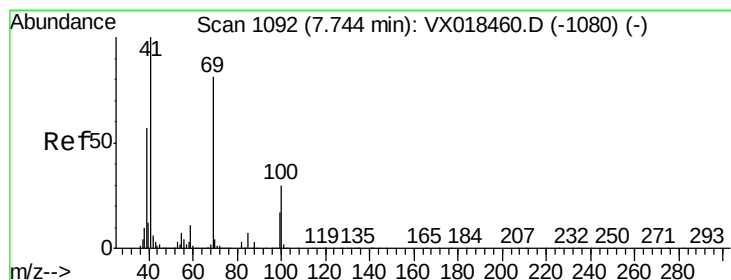
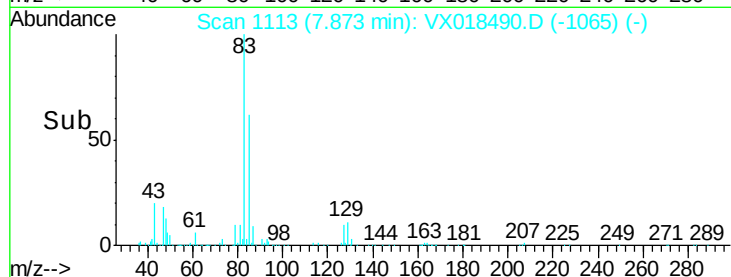
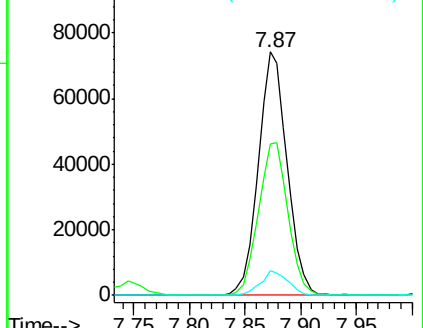
127 10.3 7.4 11.2



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: 19.036 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

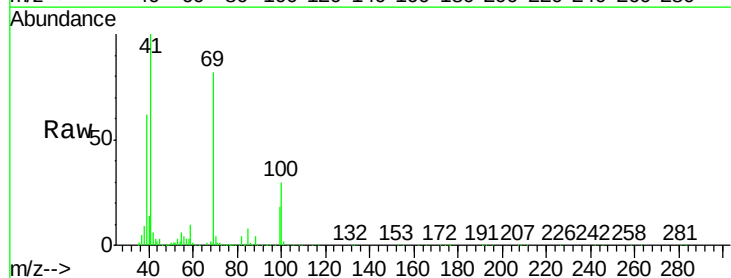
Tgt Ion: 41 Resp: 101755

Ion Ratio Lower Upper

41 100

69 79.6 63.7 95.5

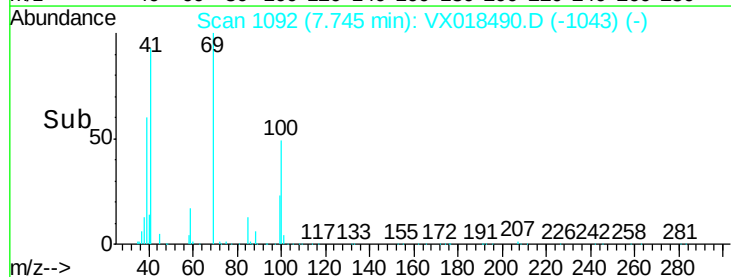
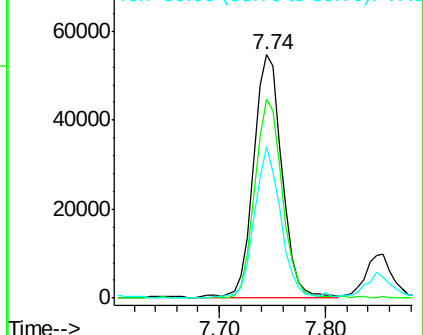
39 58.0 45.0 67.4

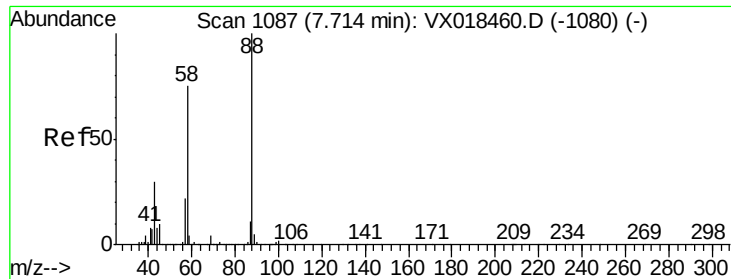


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 356.664 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

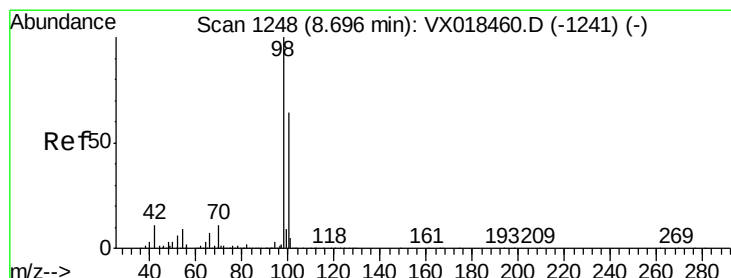
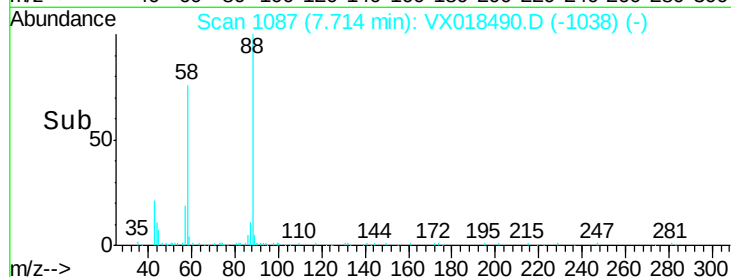
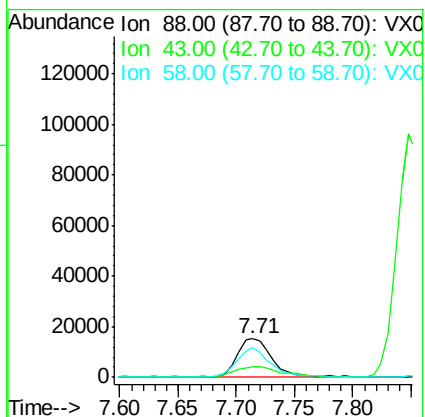
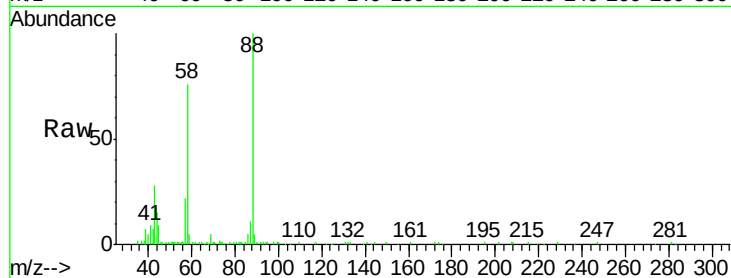
Tgt Ion: 88 Resp: 31502

Ion Ratio Lower Upper

88 100

43 35.9 29.9 44.9

58 78.2 59.0 88.6



#50

Toluene-d8

Concen: 47.612 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018490.D

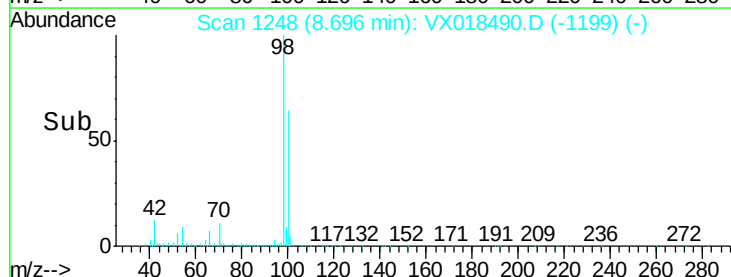
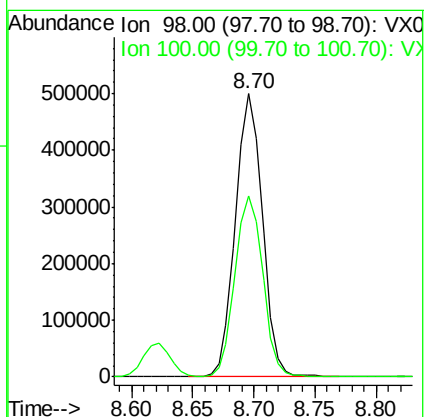
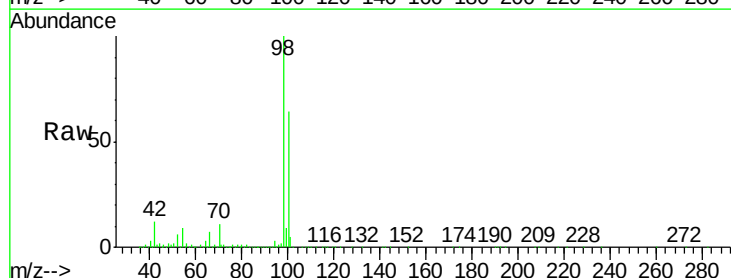
Acq: 18 Sep 2020 14:19

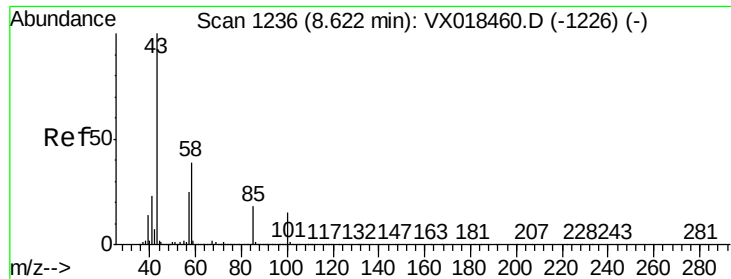
Tgt Ion: 98 Resp: 763612

Ion Ratio Lower Upper

98 100

100 65.7 51.7 77.5

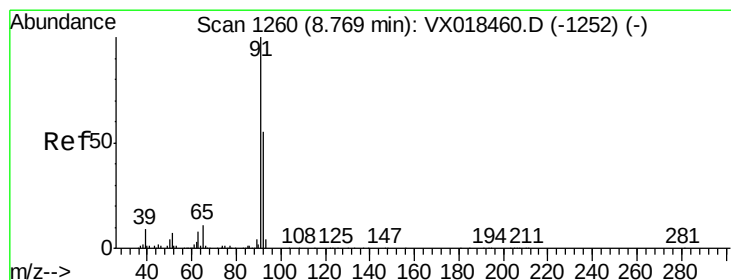
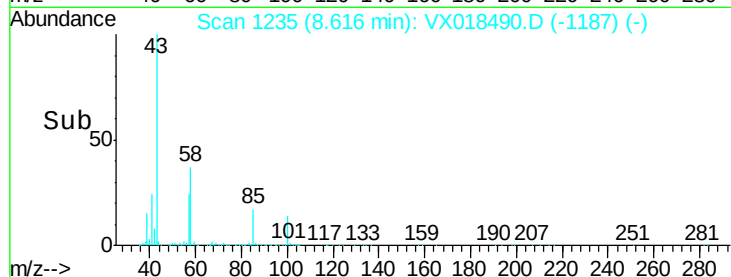
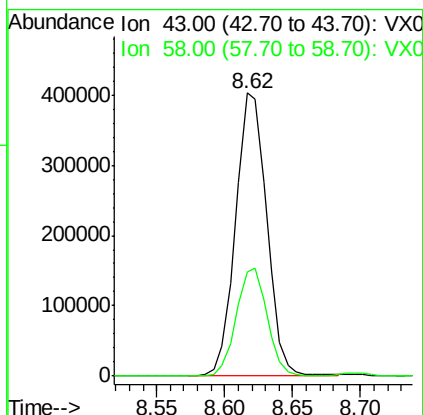
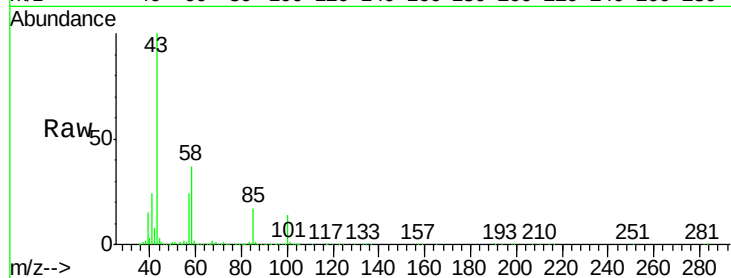




#51
 4-Methyl-2-Pentanone
 Concen: 98.512 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

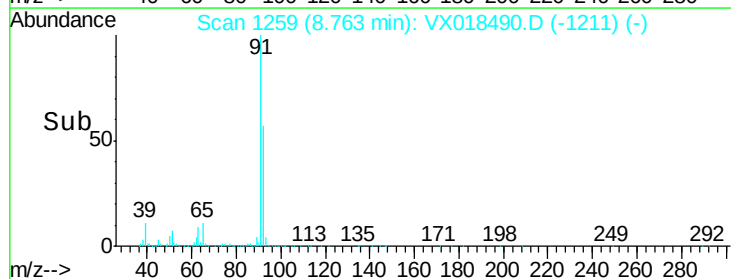
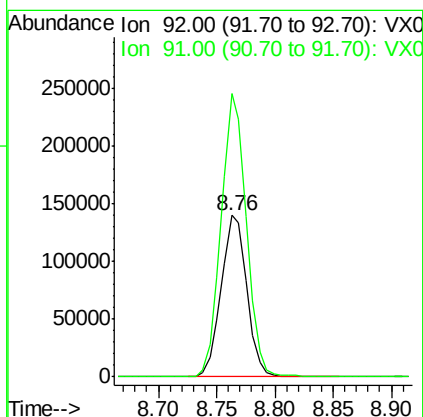
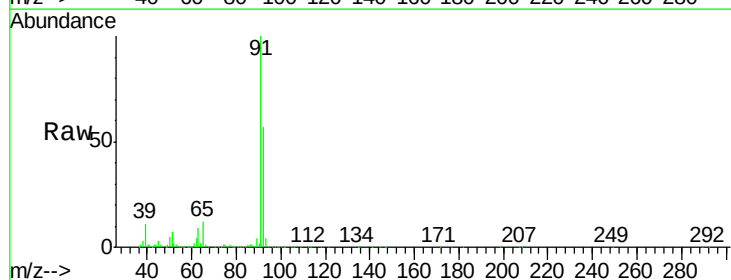
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

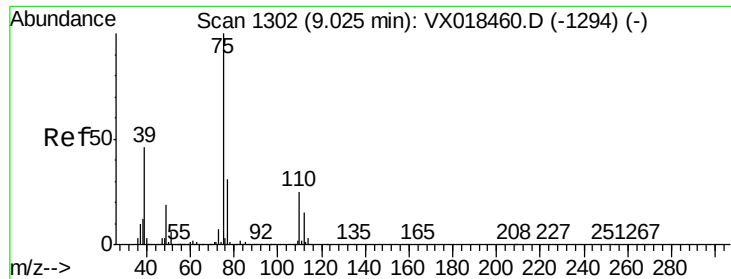
Tgt Ion: 43 Resp: 644158
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.9 46.3



#52
 Toluene
 Concen: 18.990 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion: 92 Resp: 212248
 Ion Ratio Lower Upper
 92 100
 91 173.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.749 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

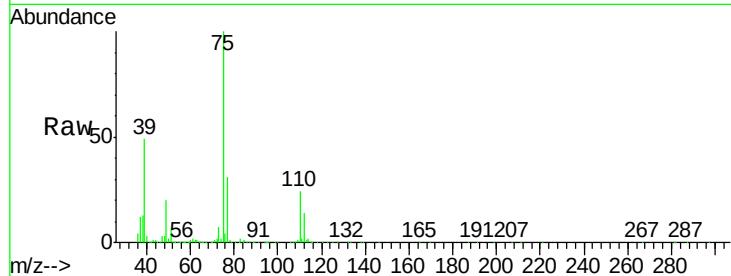
VX0918WBSD02

Tgt Ion: 75 Resp: 143801

Ion Ratio Lower Upper

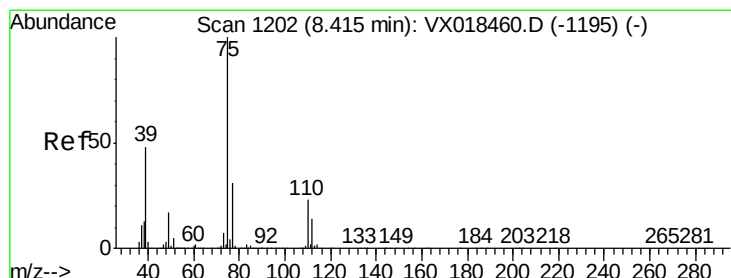
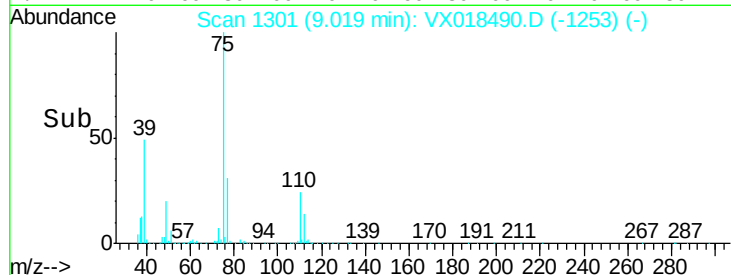
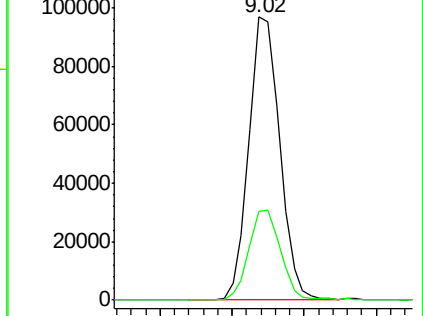
75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.172 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

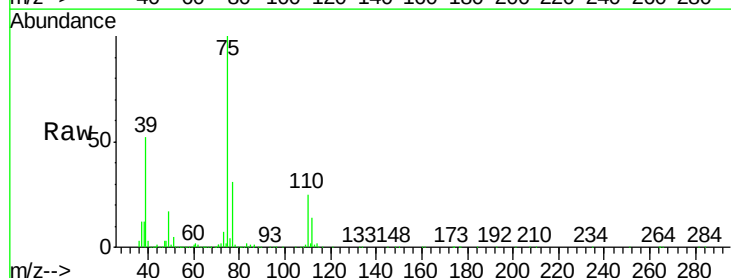
Tgt Ion: 75 Resp: 151483

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

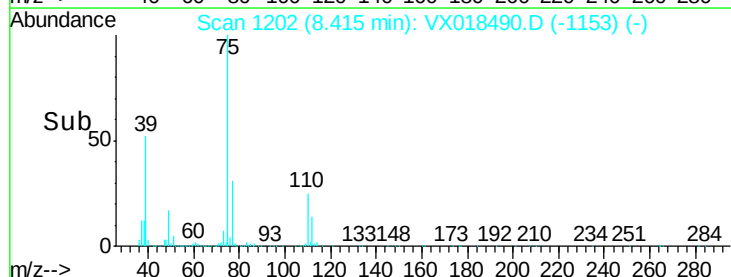
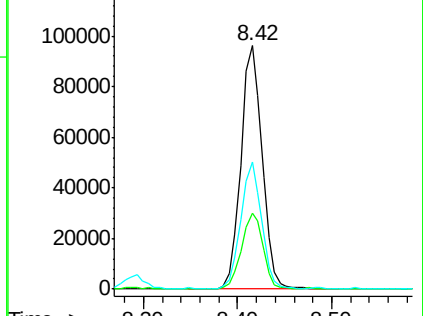
39 51.8 38.6 58.0

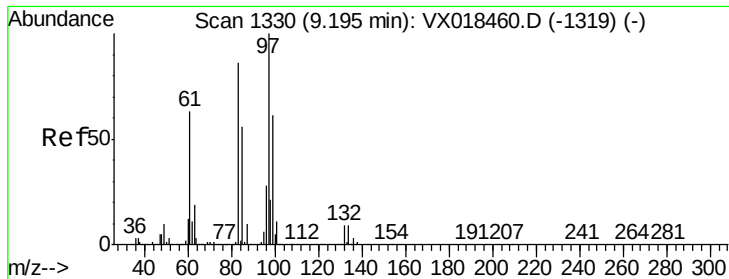


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.511 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

Tgt Ion: 97 Resp: 90485

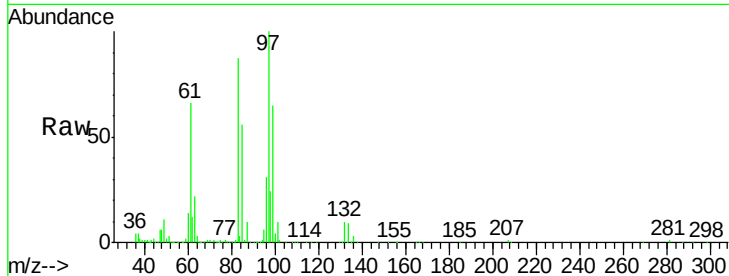
Ion Ratio Lower Upper

97 100

83 87.4 68.5 102.7

85 56.2 44.8 67.2

99 64.9 48.9 73.3

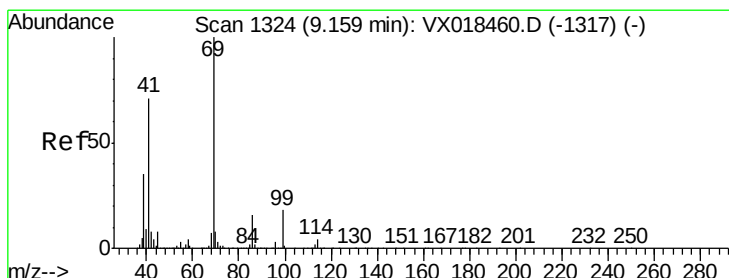
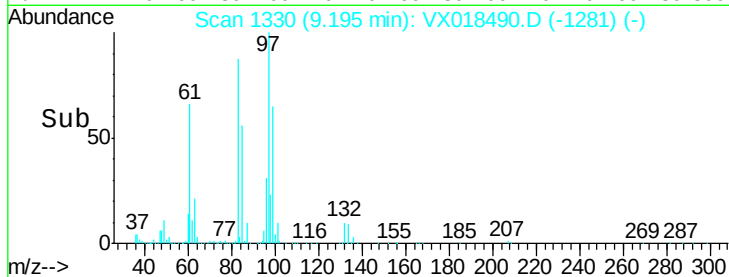
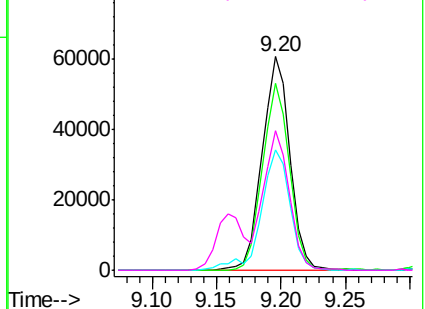


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.818 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

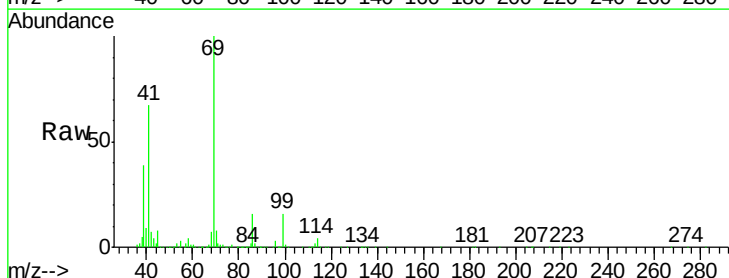
Tgt Ion: 69 Resp: 129406

Ion Ratio Lower Upper

69 100

41 68.3 54.6 81.8

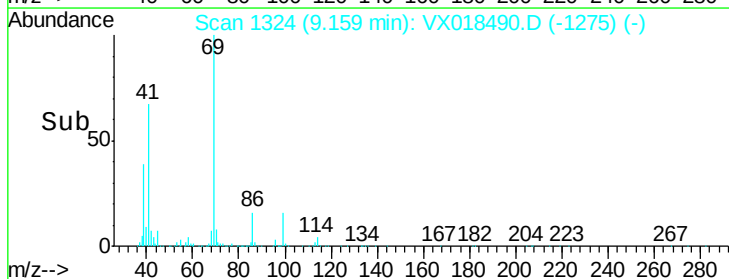
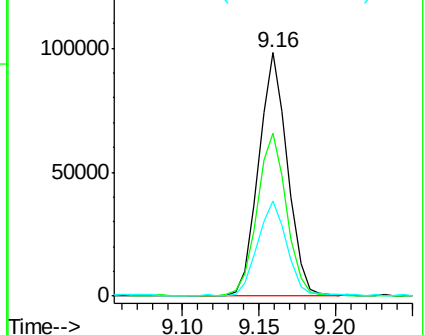
39 40.3 29.3 43.9

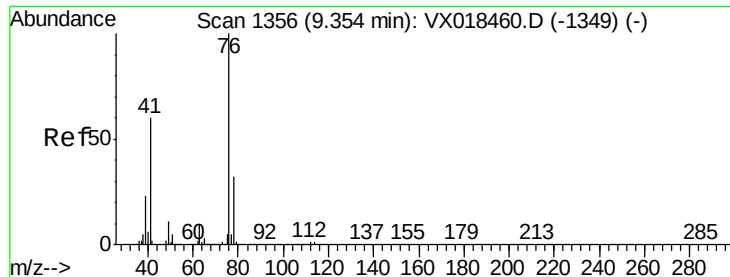


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.784 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

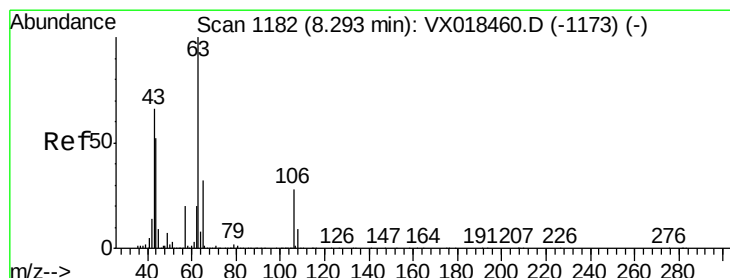
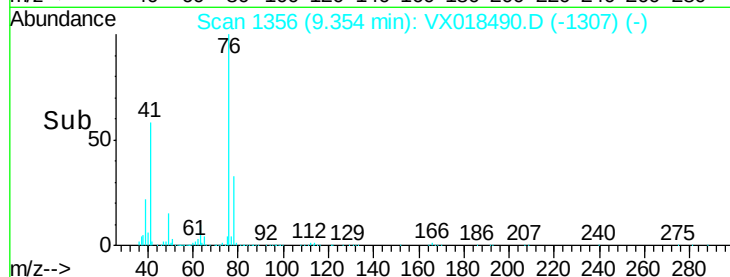
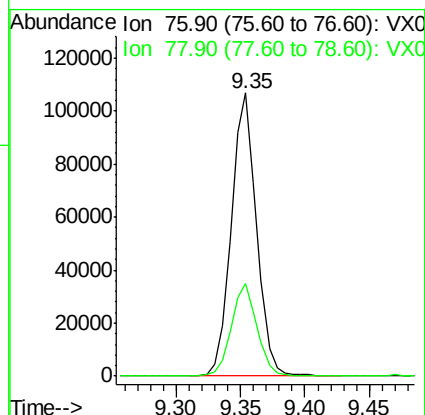
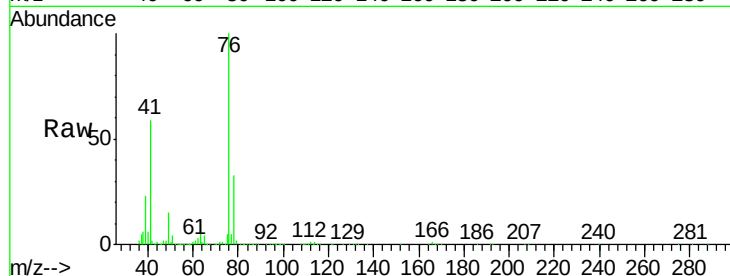
VX0918WBSD02

Tgt Ion: 76 Resp: 146362

Ion Ratio Lower Upper

76 100

78 33.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.876 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018490.D

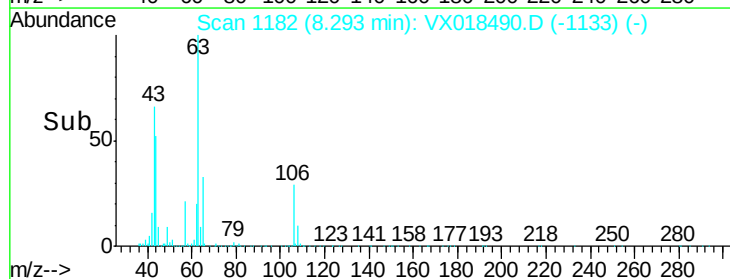
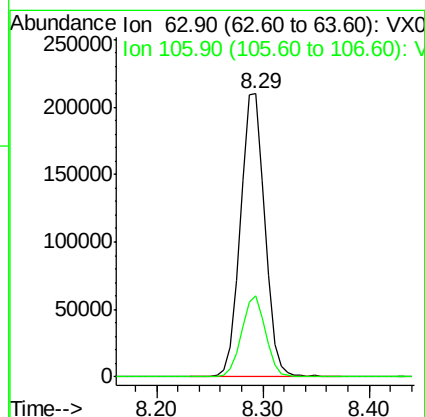
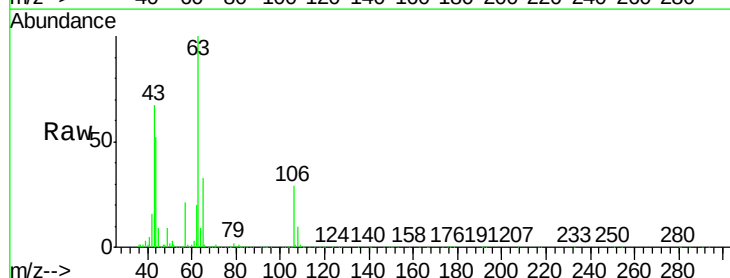
Acq: 18 Sep 2020 14:19

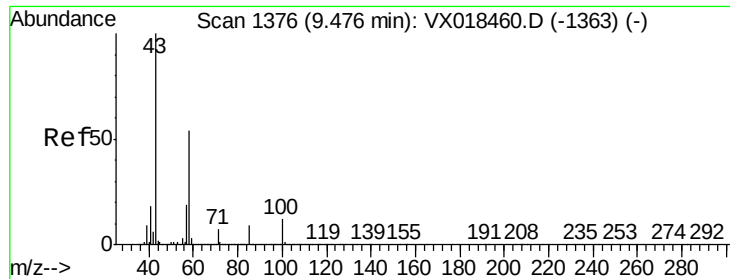
Tgt Ion: 63 Resp: 339558

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2

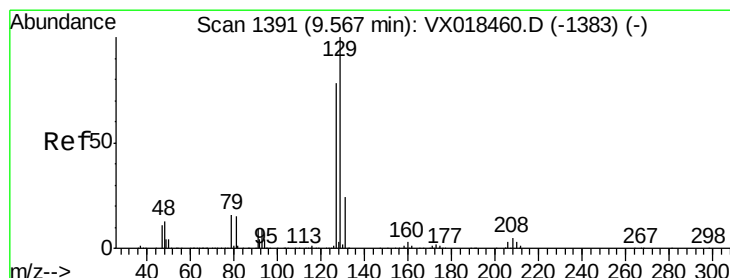
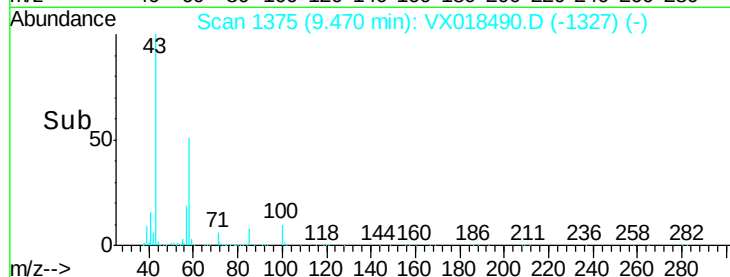
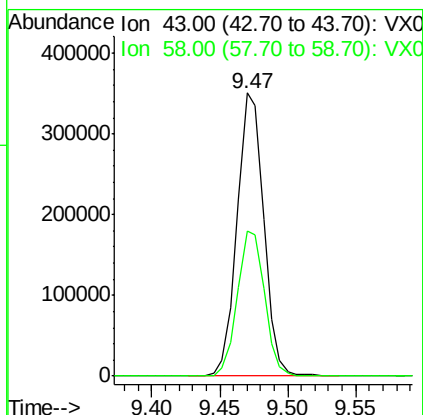
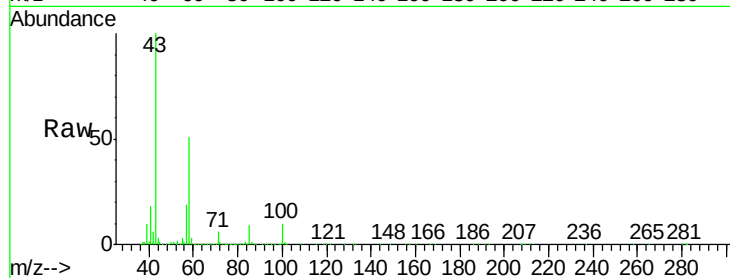




#59
2-Hexanone
Concen: 96.177 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

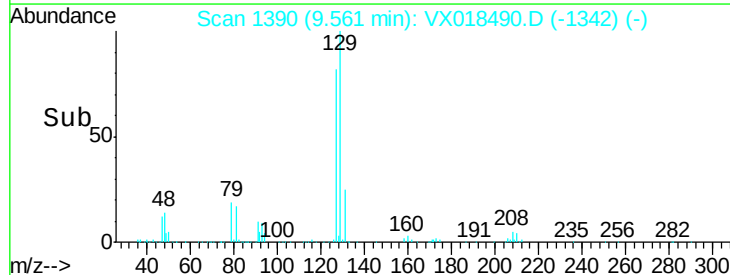
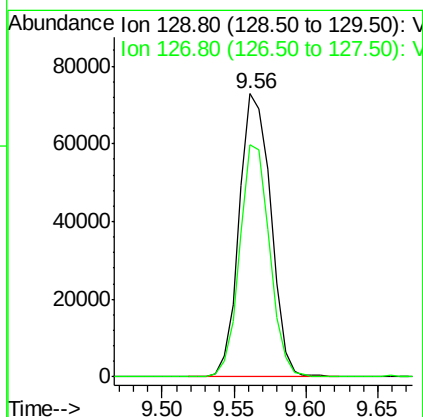
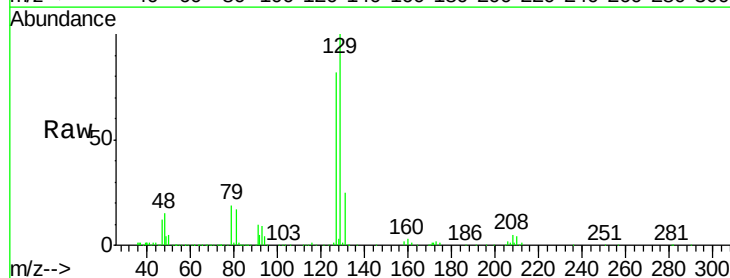
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

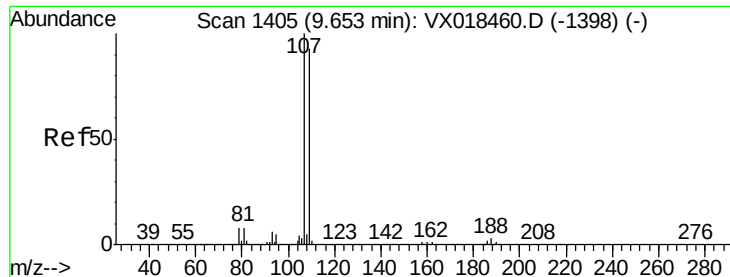
Tgt Ion: 43 Resp: 478340
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.4



#60
Dibromochloromethane
Concen: 20.066 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 129 Resp: 110966
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.327 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

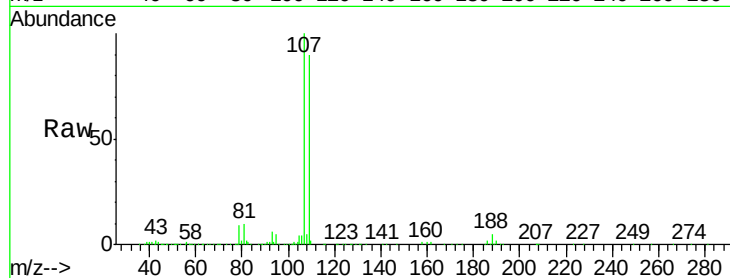
VX0918WBSD02

Tgt Ion: 107 Resp: 100304

Ion Ratio Lower Upper

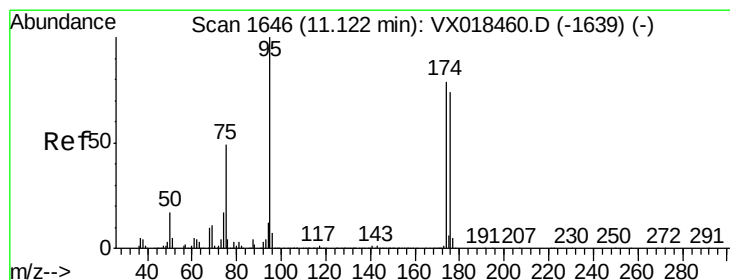
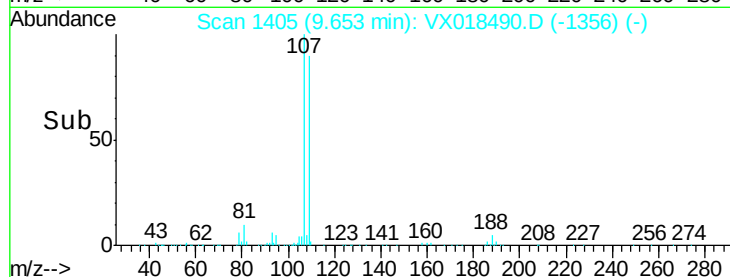
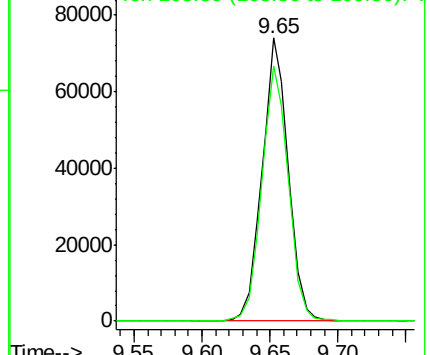
107 100

109 91.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.707 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

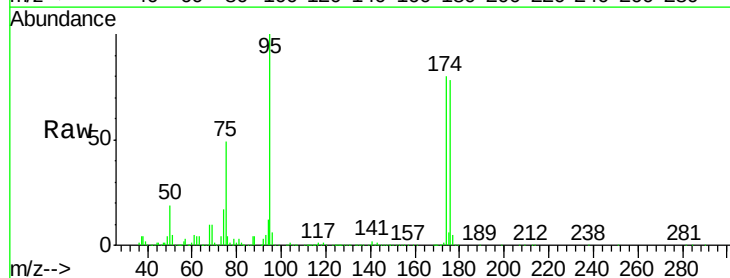
Tgt Ion: 95 Resp: 304353

Ion Ratio Lower Upper

95 100

174 79.3 0.0 161.4

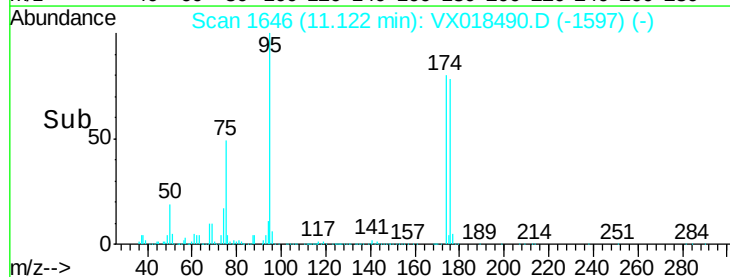
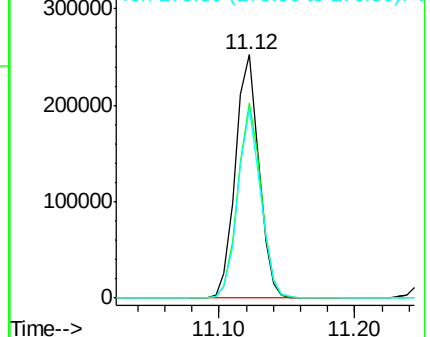
176 76.0 0.0 151.4

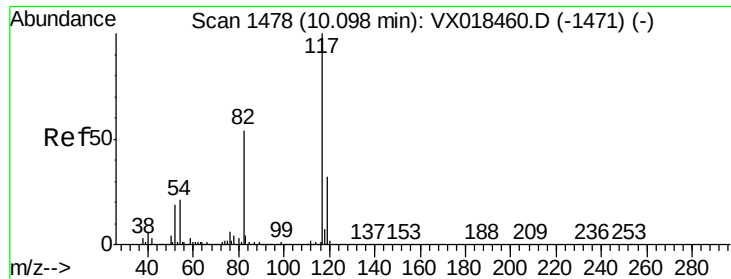


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

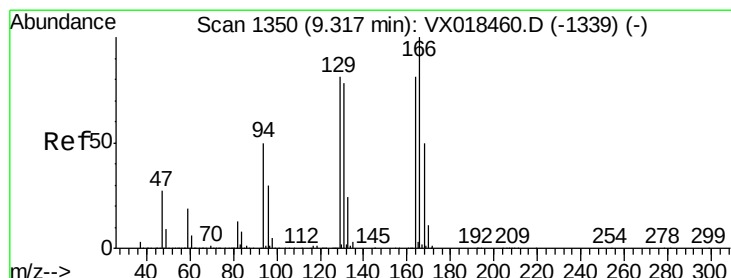
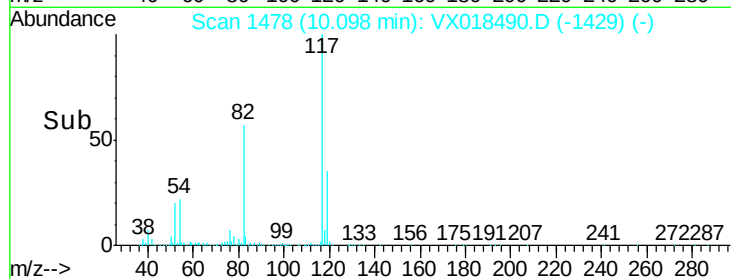
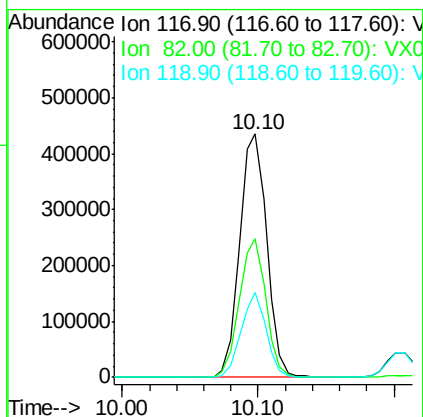
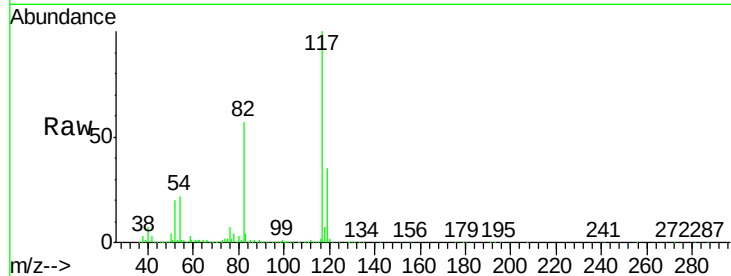




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

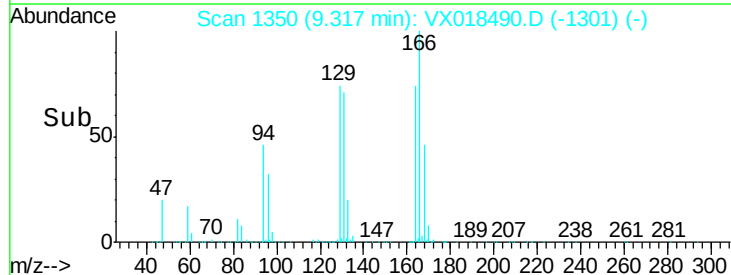
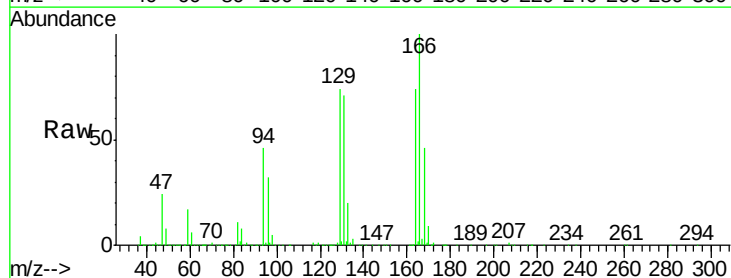
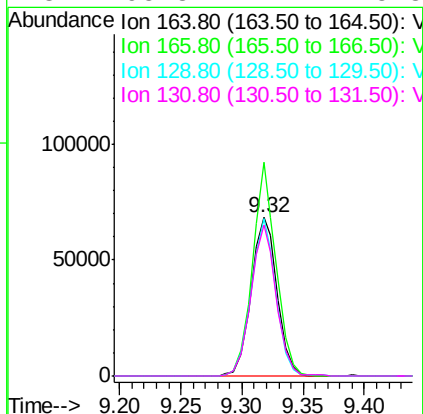
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

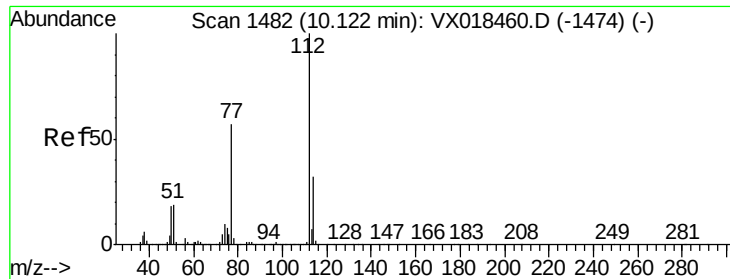
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.3	64.9
119	35.1	25.9	38.9



#64
Tetrachloroethene
Concen: 21.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.8	99.3	148.9
129	99.2	80.7	121.1
131	95.8	77.2	115.8

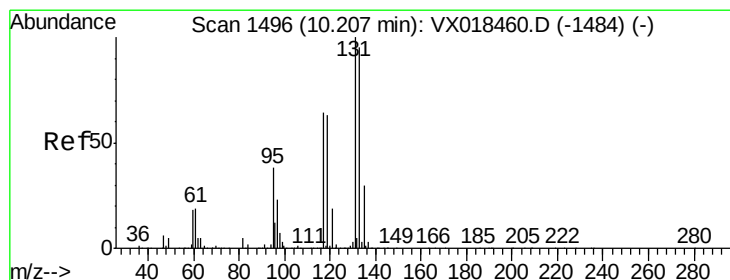
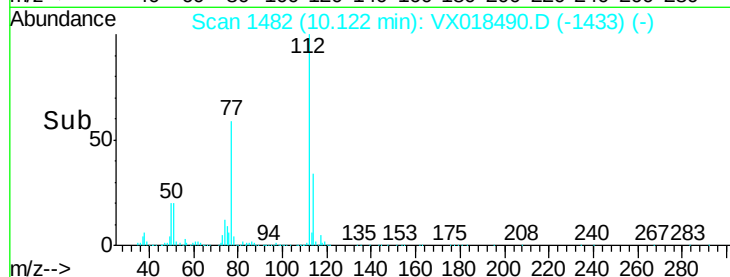
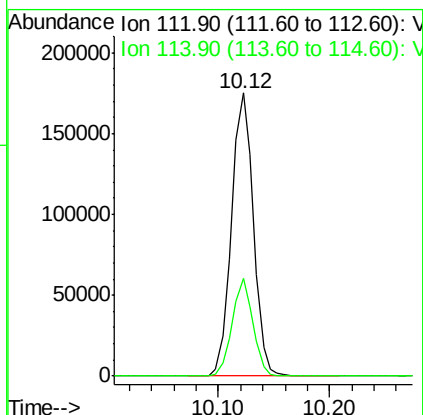
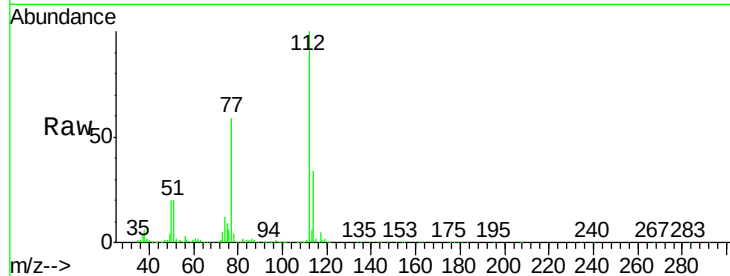




#65
Chlorobenzene
Concen: 19.102 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

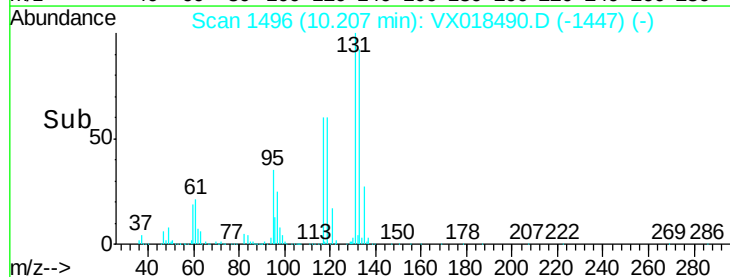
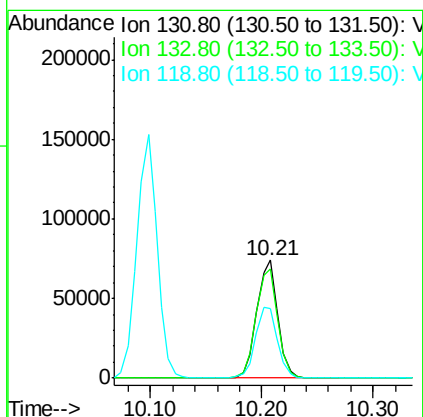
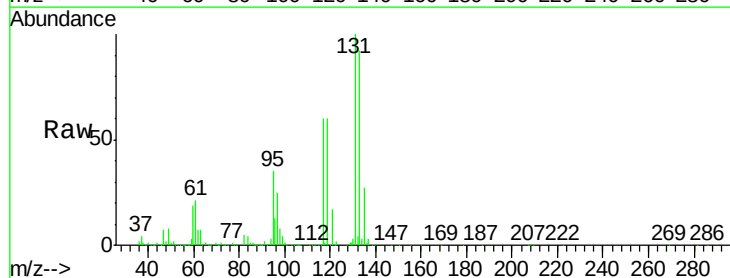
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

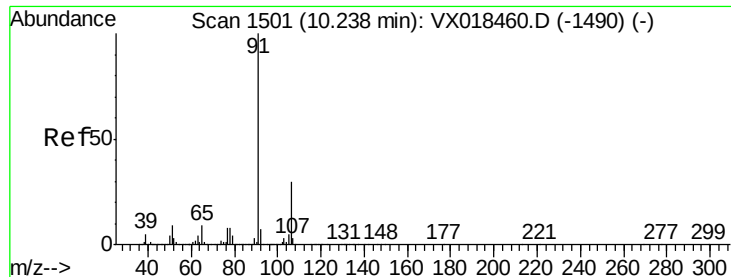
Tgt Ion:112 Resp: 237530
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.534 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion:131 Resp: 97443
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 63.6 31.9 95.7





#67

Ethyl Benzene

Concen: 19.294 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

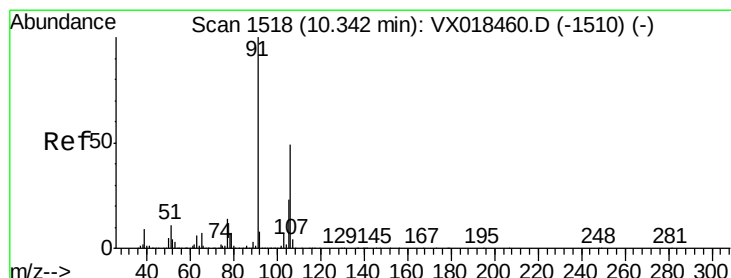
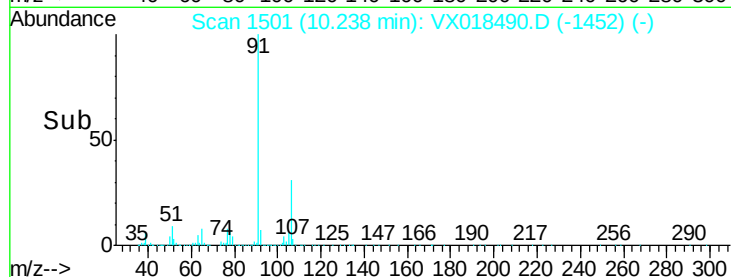
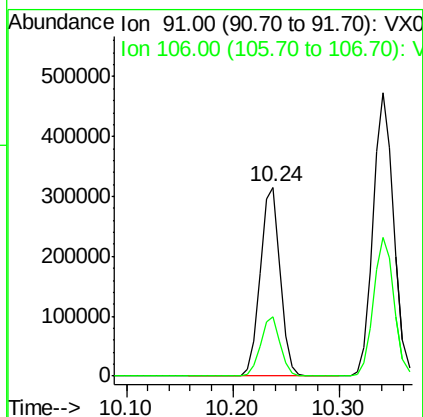
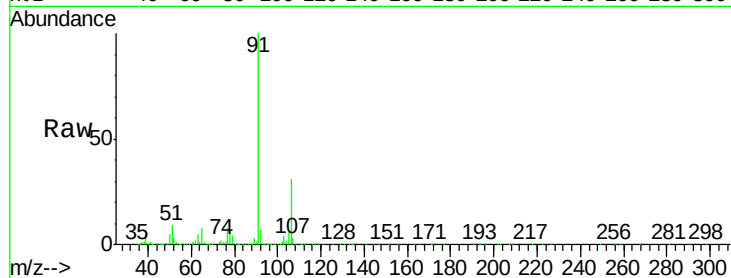
VX0918WBSD02

Tgt Ion: 91 Resp: 415267

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 38.218 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018490.D

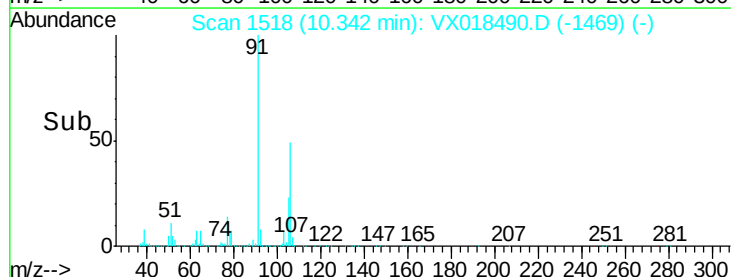
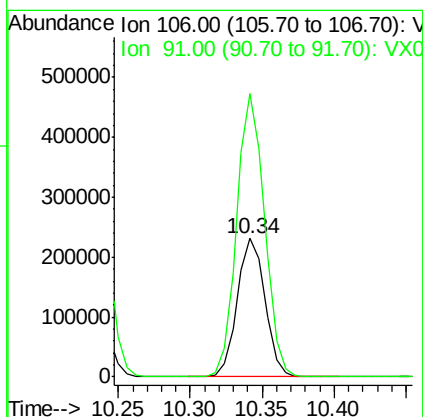
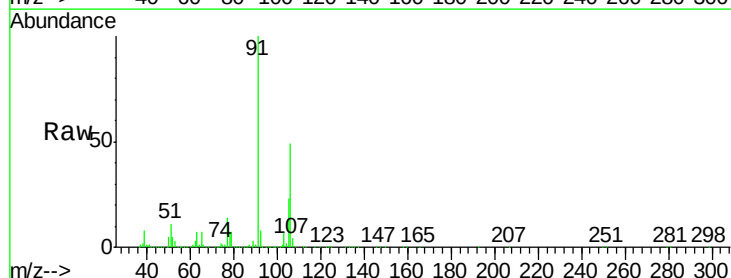
Acq: 18 Sep 2020 14:19

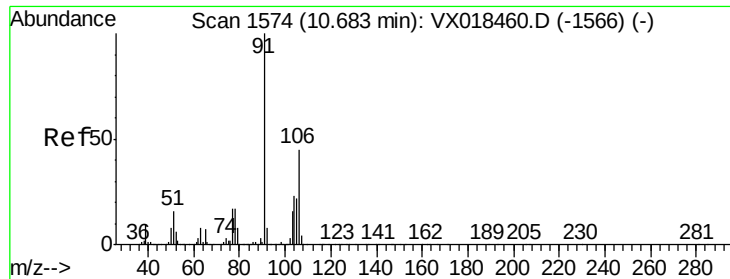
Tgt Ion: 106 Resp: 311172

Ion Ratio Lower Upper

106 100

91 204.4 163.8 245.6

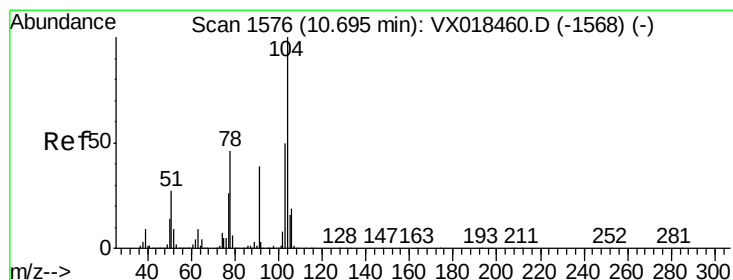
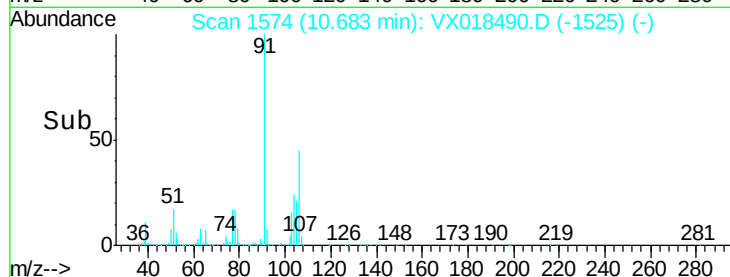
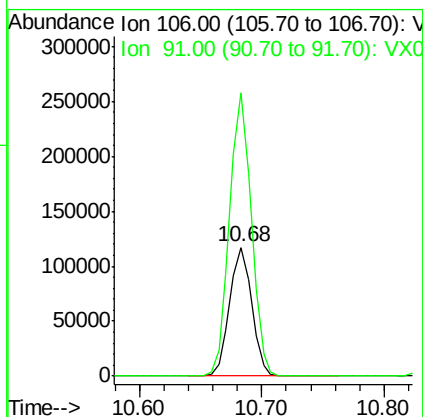
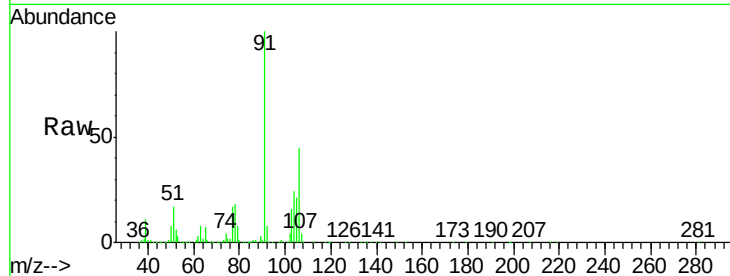




#69
o-Xylene
Concen: 19.004 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

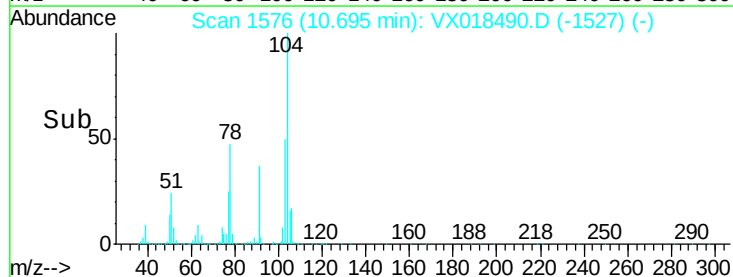
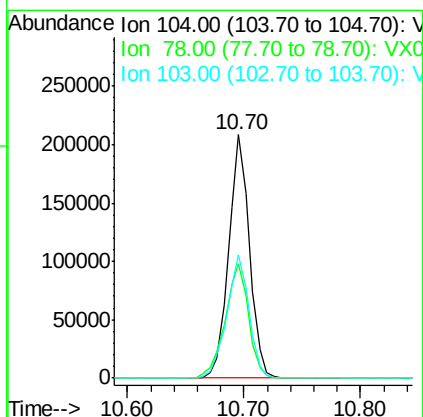
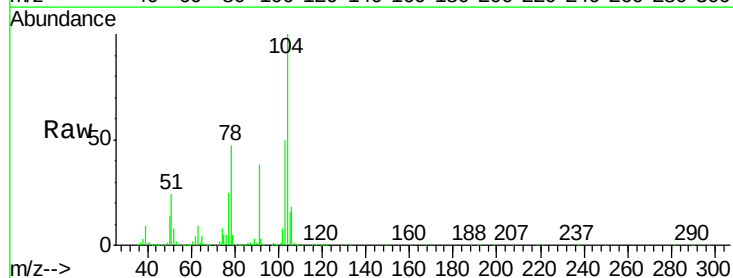
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

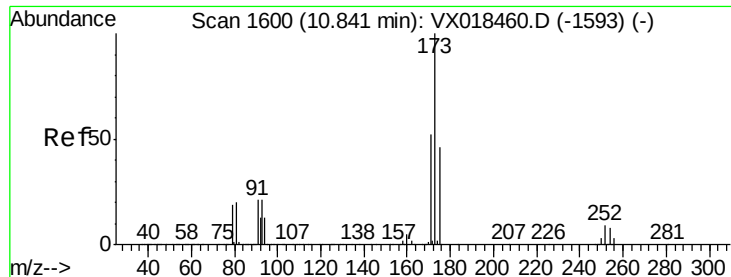
Tgt Ion:106 Resp: 146523
Ion Ratio Lower Upper
106 100
91 217.1 109.7 329.0



#70
Styrene
Concen: 19.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion:104 Resp: 258637
Ion Ratio Lower Upper
104 100
78 52.5 40.5 60.7
103 54.3 43.2 64.8





#71

Bromoform

Concen: 20.112 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

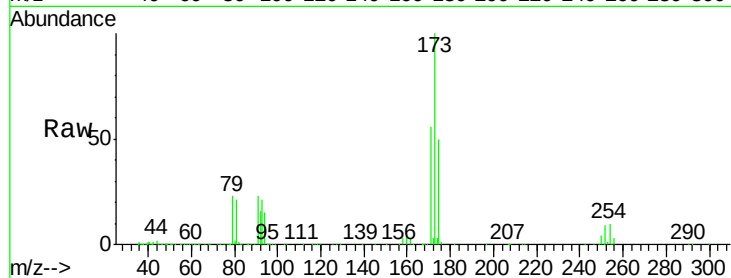
Tgt Ion:173 Resp: 84234

Ion Ratio Lower Upper

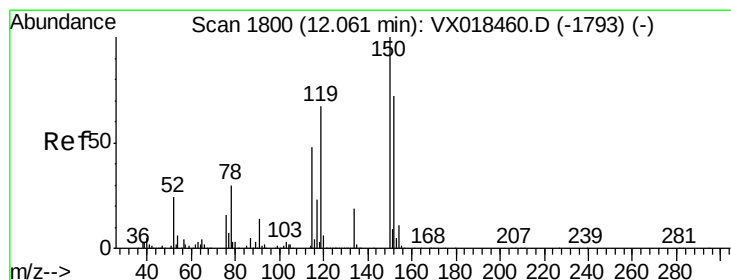
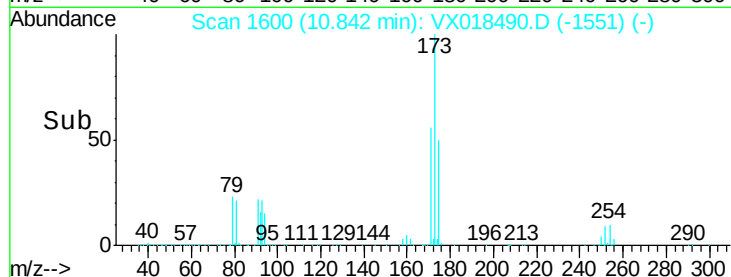
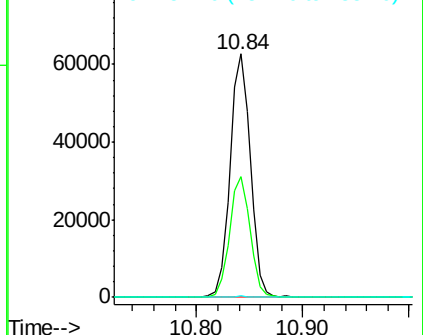
173 100

175 50.4 23.6 70.8

254 0.3 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

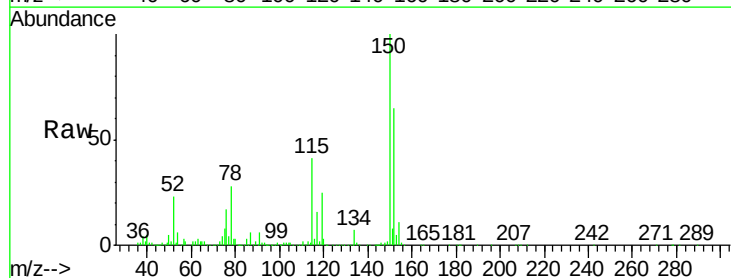
Tgt Ion:152 Resp: 326164

Ion Ratio Lower Upper

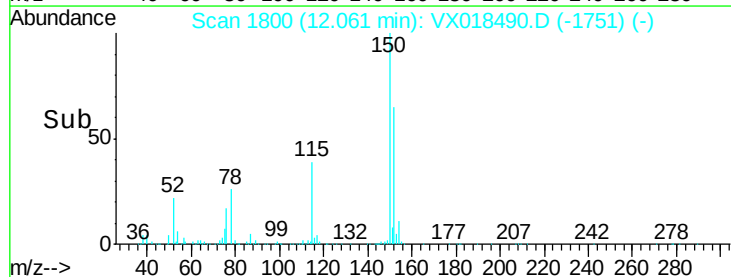
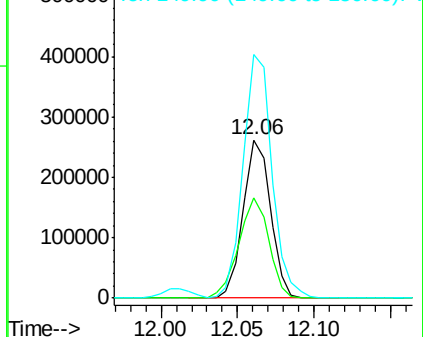
152 100

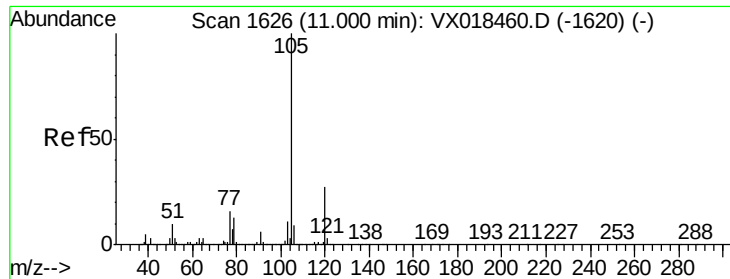
115 70.1 41.8 125.4

150 162.2 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.951 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

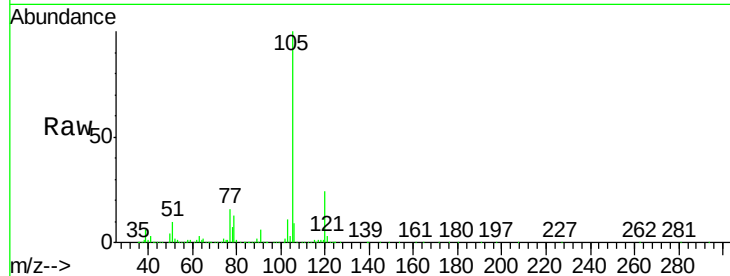
VX0918WBSD02

Tgt Ion: 105 Resp: 412928

Ion Ratio Lower Upper

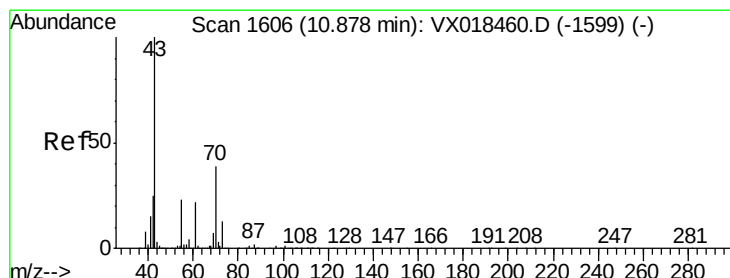
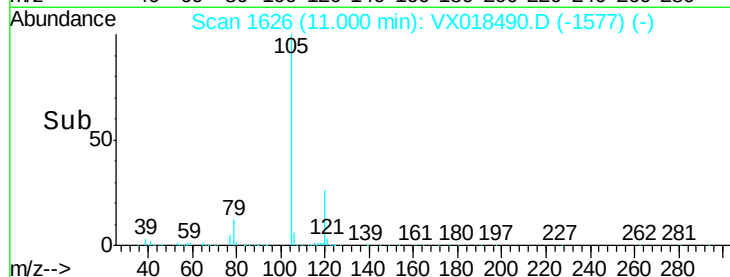
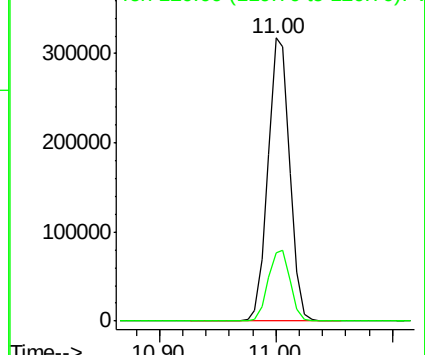
105 100

120 25.5 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-amyl acetate

Concen: 17.992 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Tgt Ion: 43 Resp: 176492

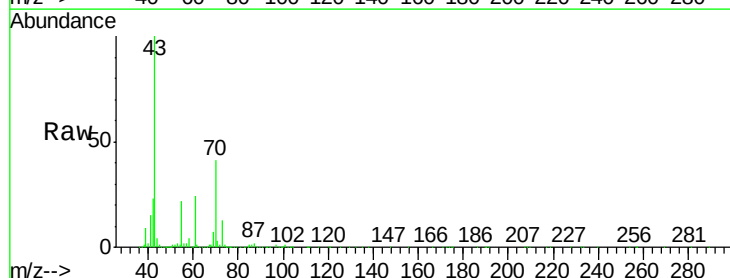
Ion Ratio Lower Upper

43 100

70 41.1 32.2 48.4

55 25.0 18.8 28.2

61 23.3 19.0 28.4

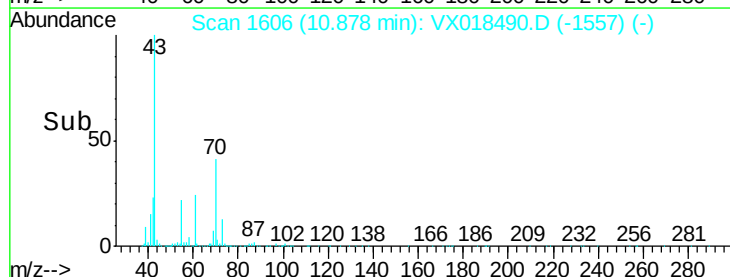
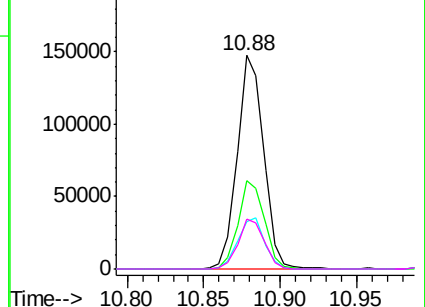


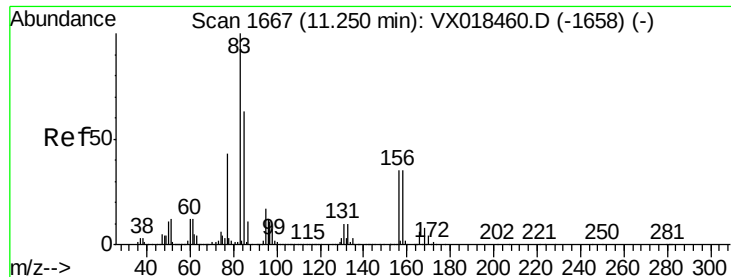
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.837 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

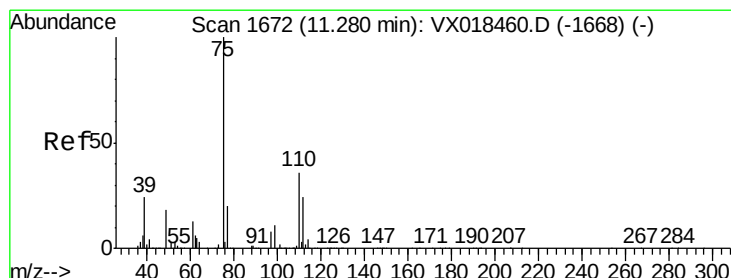
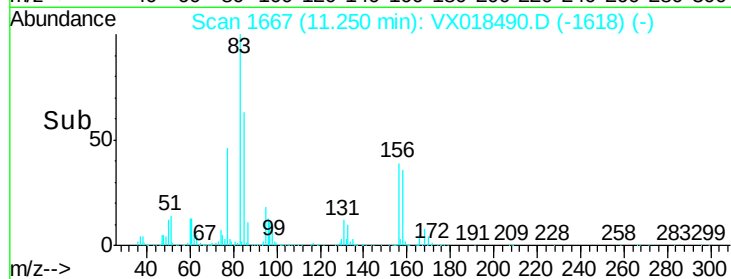
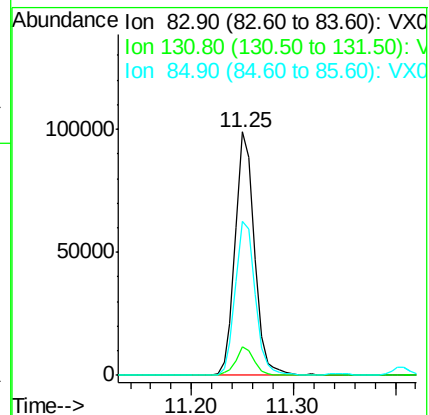
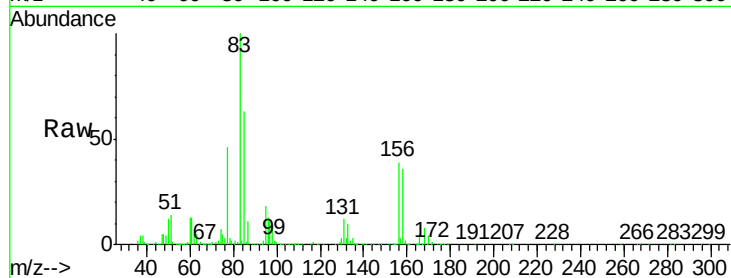
Tgt Ion: 83 Resp: 128642

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 24.036 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018490.D

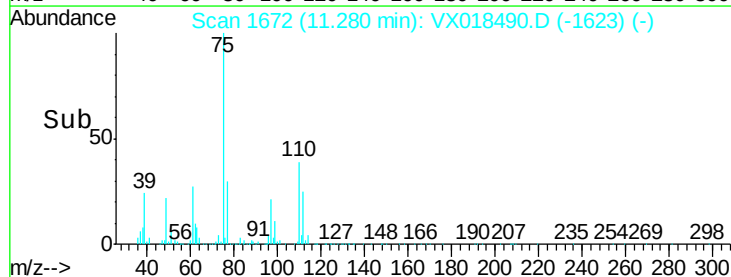
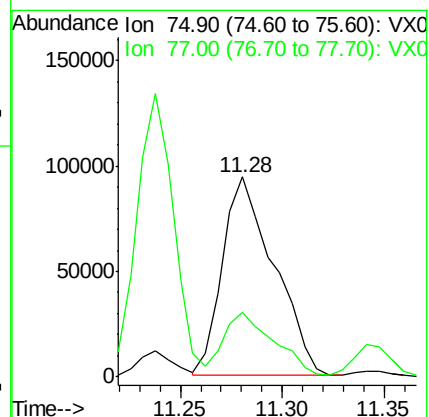
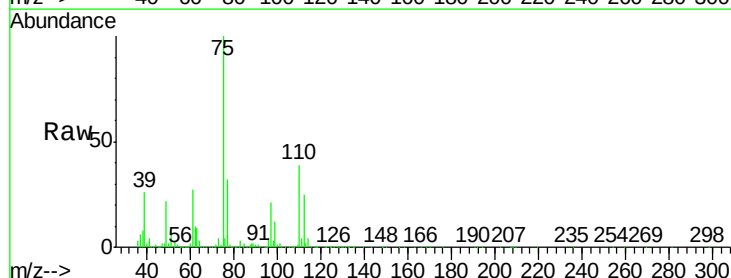
Acq: 18 Sep 2020 14:19

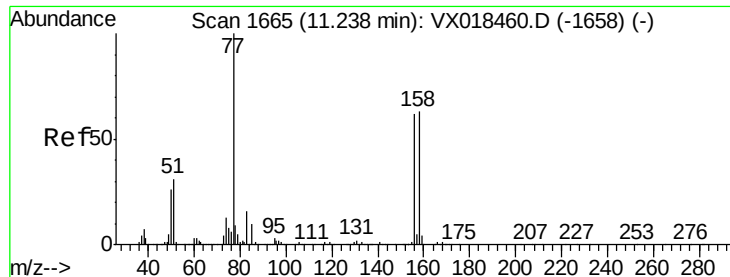
Tgt Ion: 75 Resp: 164746

Ion Ratio Lower Upper

75 100

77 32.0 20.9 62.7





#77

Bromobenzene

Concen: 18.237 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD02

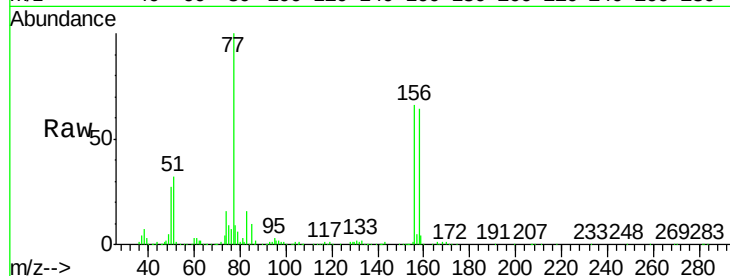
Tgt Ion:156 Resp: 109643

Ion Ratio Lower Upper

156 100

77 154.9 78.8 236.5

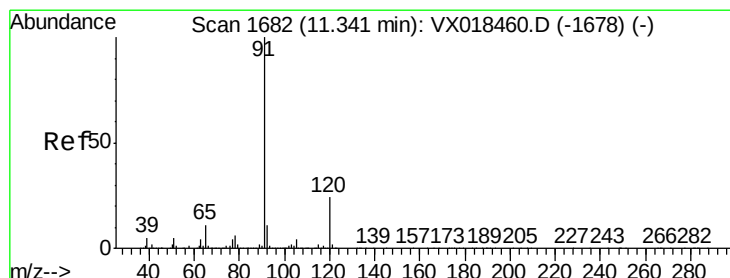
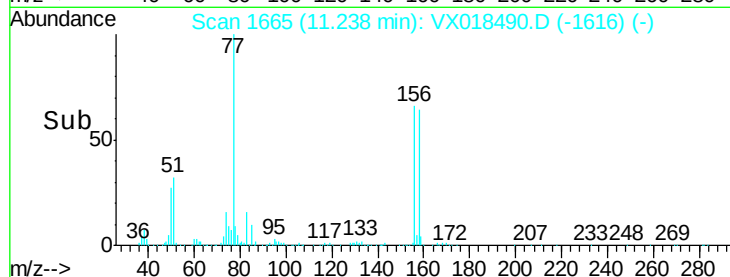
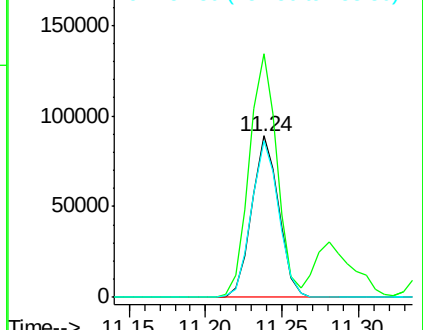
158 98.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.540 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018490.D

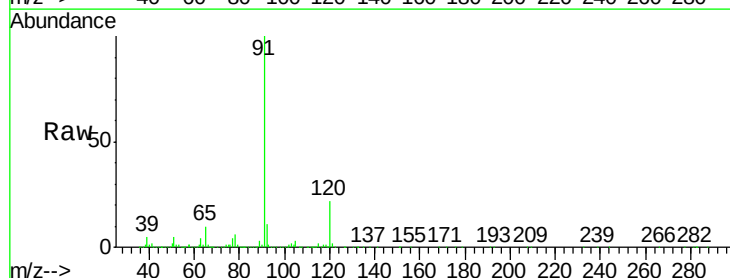
Acq: 18 Sep 2020 14:19

Tgt Ion: 91 Resp: 472854

Ion Ratio Lower Upper

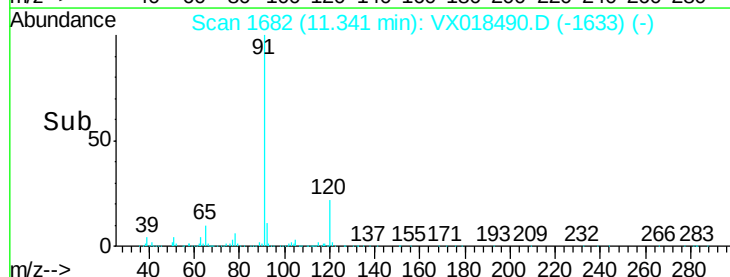
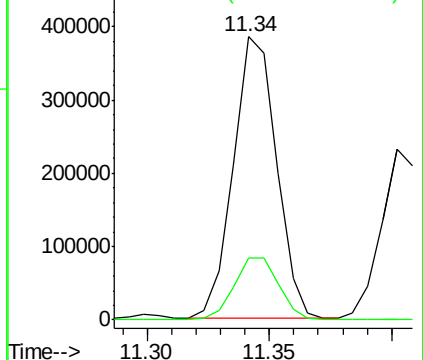
91 100

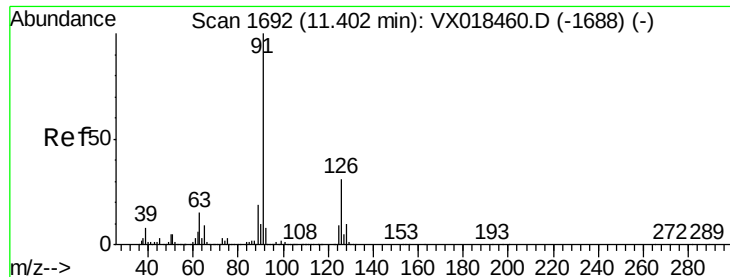
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.624 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

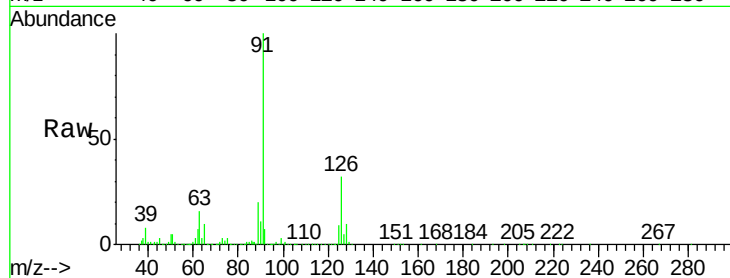
VX0918WBSD02

Tgt Ion: 91 Resp: 287520

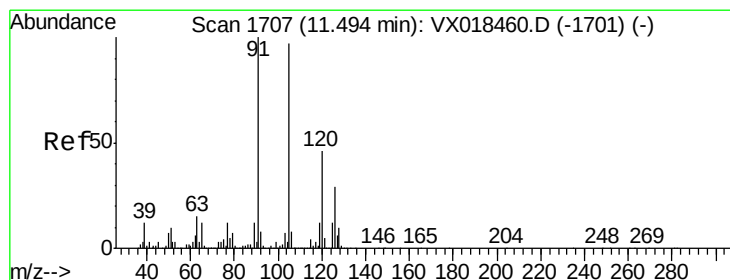
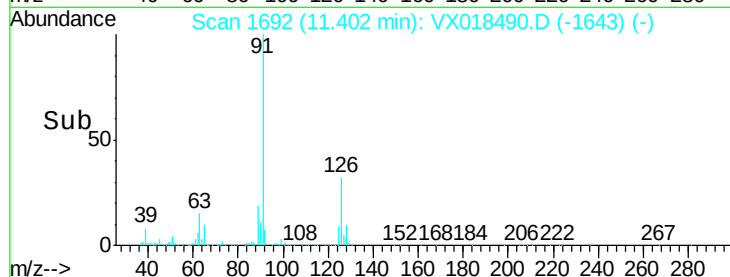
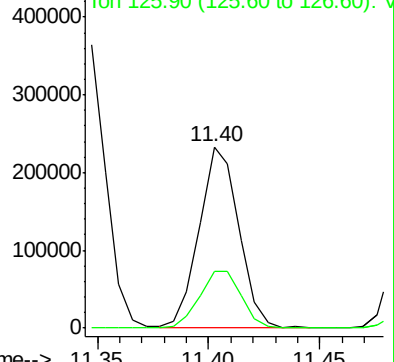
Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VX018460.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.718 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018490.D

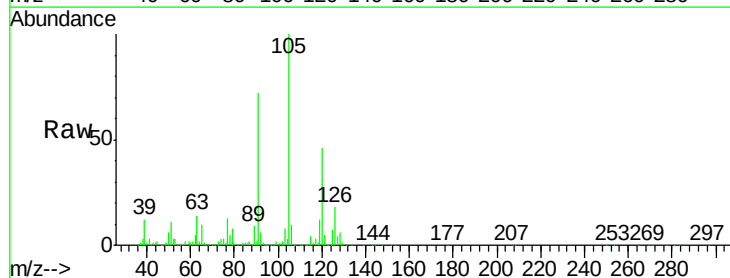
Acq: 18 Sep 2020 14:19

Tgt Ion: 105 Resp: 348791

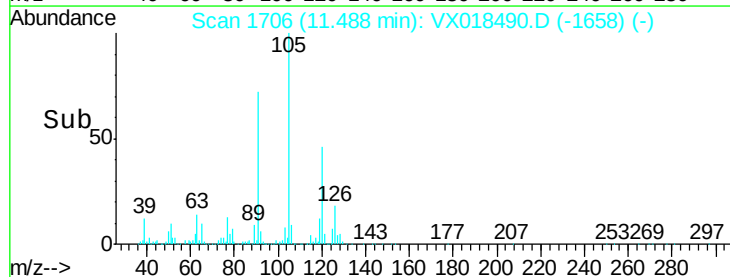
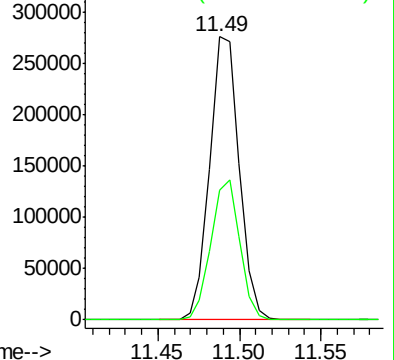
Ion Ratio Lower Upper

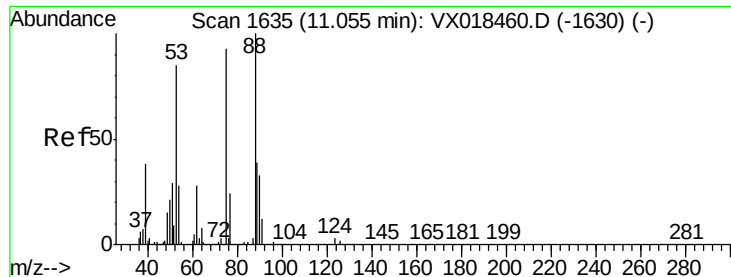
105 100

120 48.4 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VX018460.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.115 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

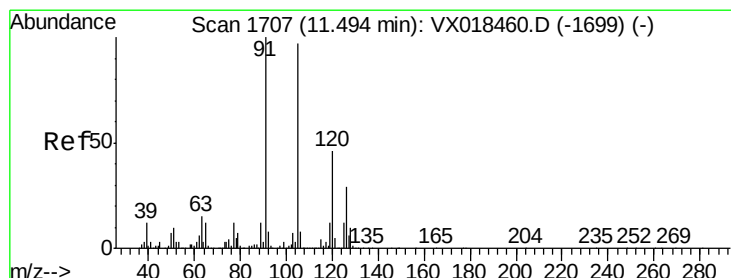
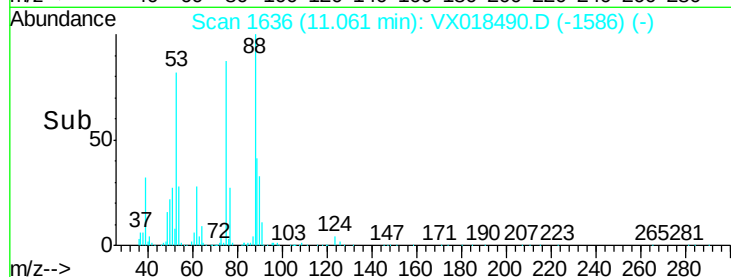
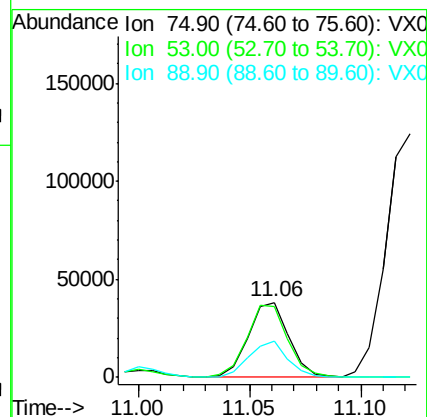
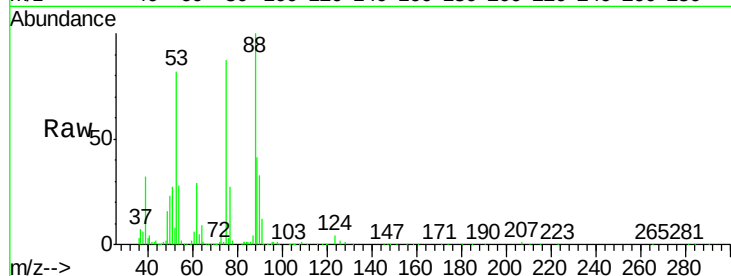
Tgt Ion: 75 Resp: 48454

Ion Ratio Lower Upper

75 100

53 98.5 74.6 111.8

89 47.0 36.2 54.4



#82

4-Chlorotoluene

Concen: 18.627 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018490.D

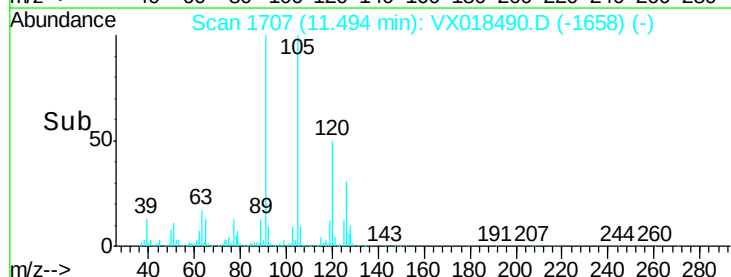
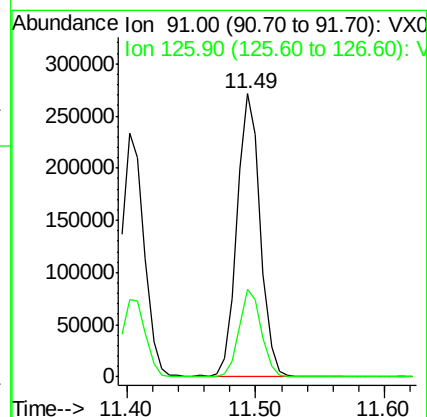
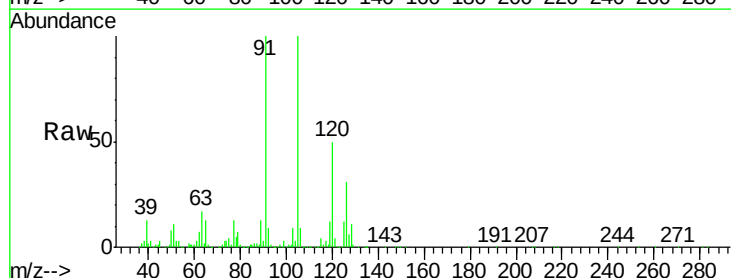
Acq: 18 Sep 2020 14:19

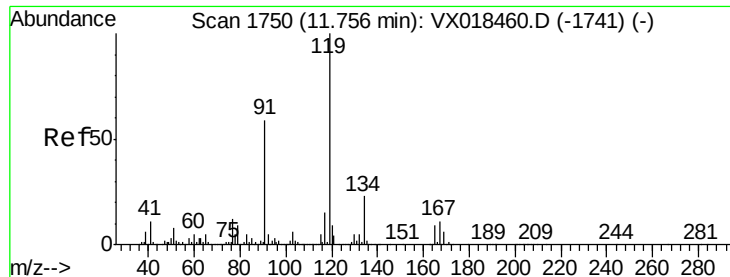
Tgt Ion: 91 Resp: 341838

Ion Ratio Lower Upper

91 100

126 29.5 15.0 45.0

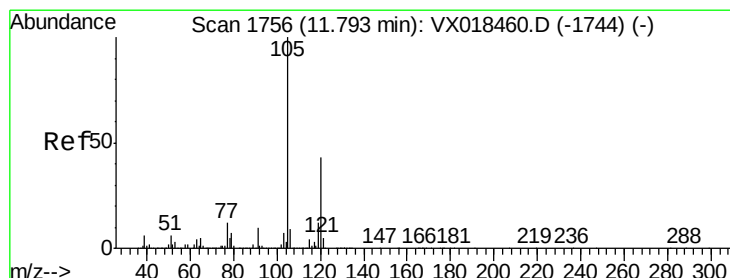
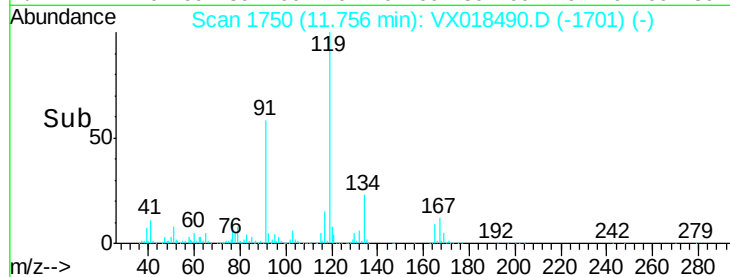
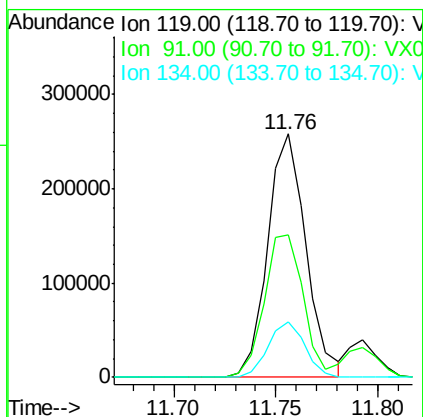
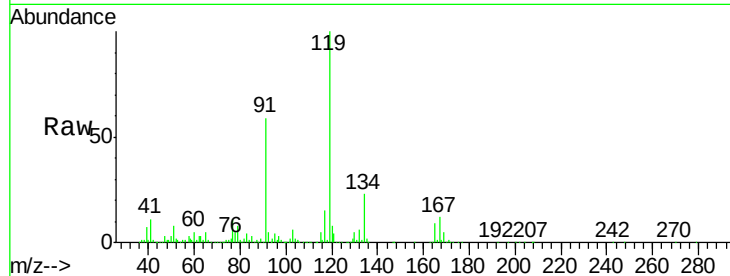




#83
 tert-Butylbenzene
 Concen: 18.694 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

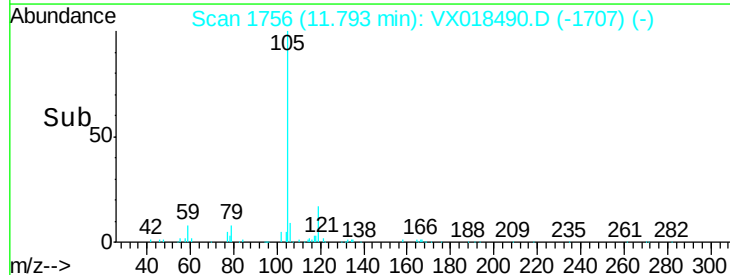
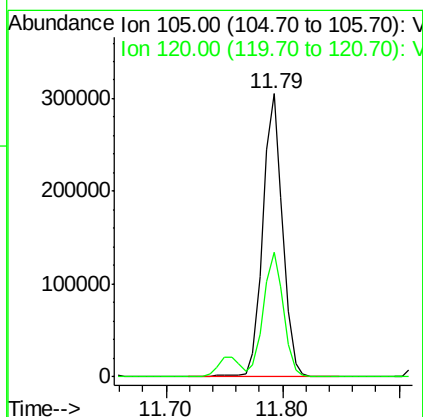
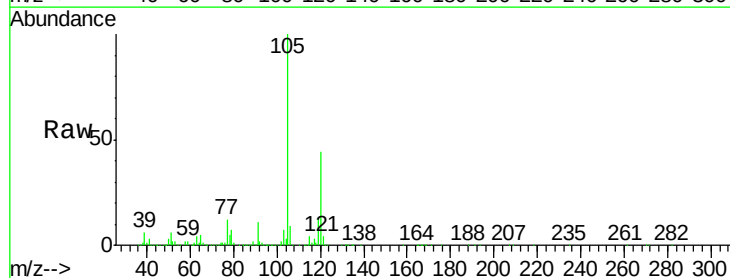
Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBSD02

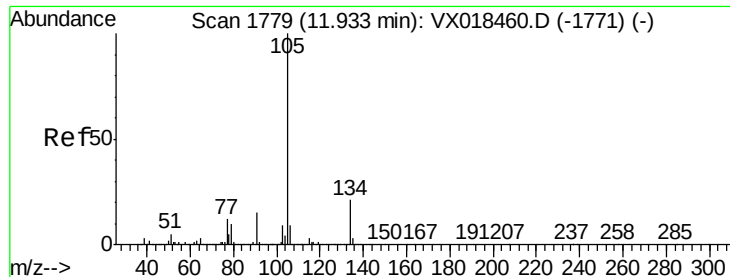
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.3	28.9	86.7
134	22.1	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.141 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.6	65.0





#85

sec-Butylbenzene

Concen: 18.589 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

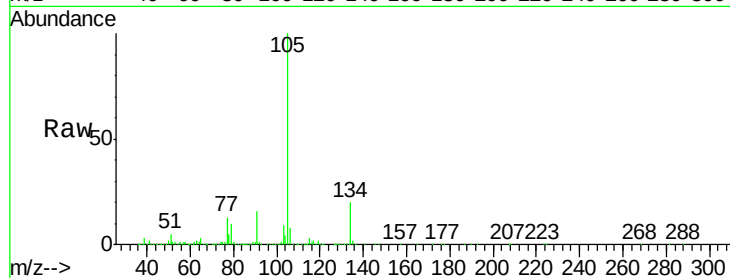
VX0918WBSD02

Tgt Ion:105 Resp: 396826

Ion Ratio Lower Upper

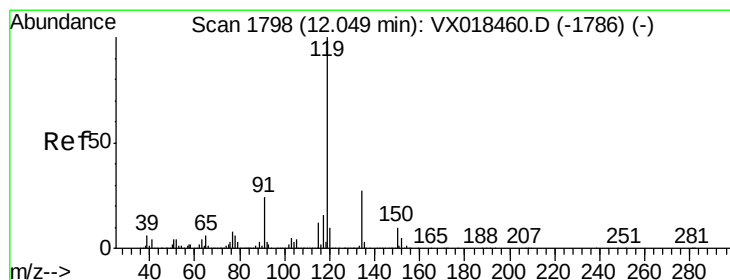
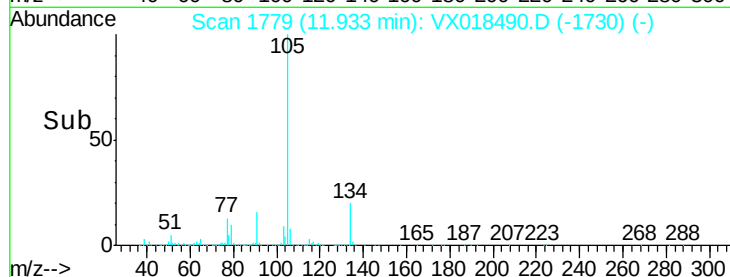
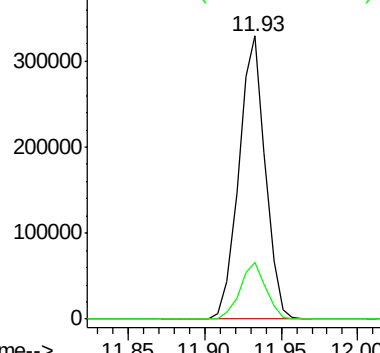
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.348 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

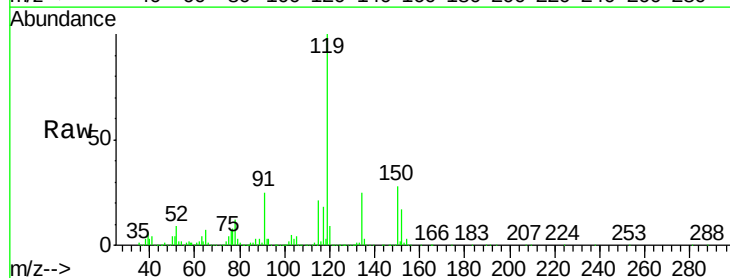
Tgt Ion:119 Resp: 379593

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

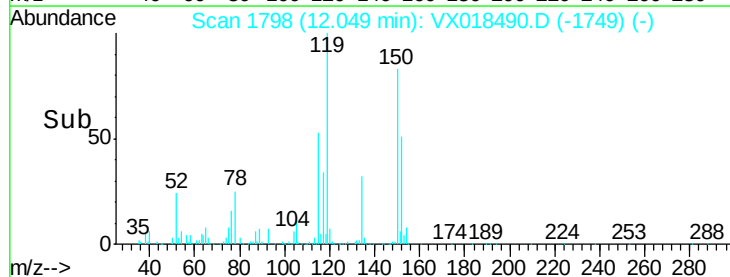
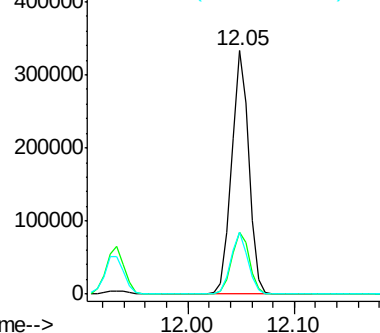
91 25.2 11.9 35.9

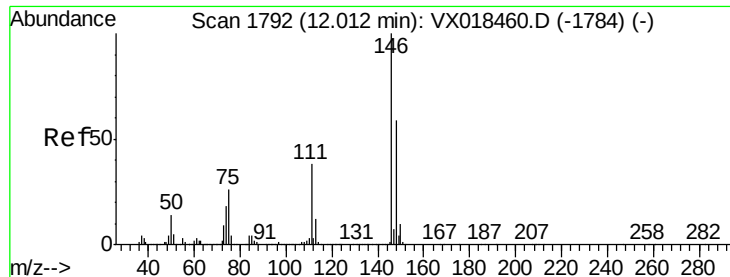


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

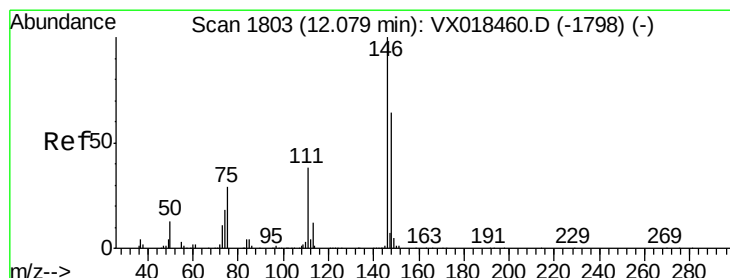
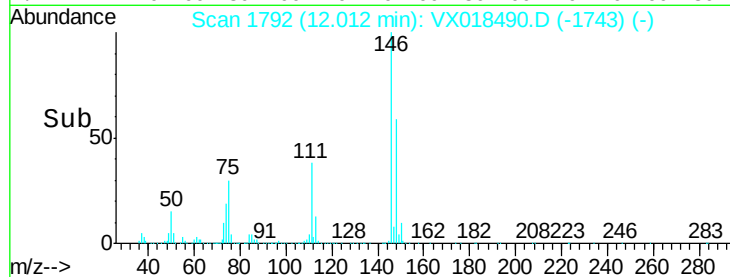
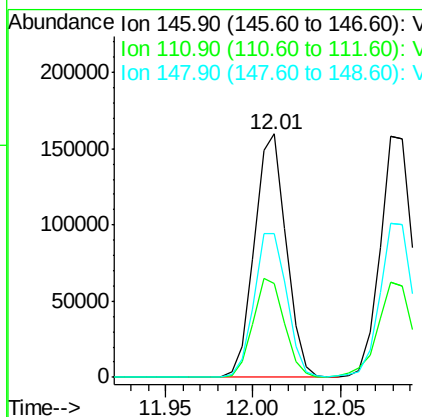
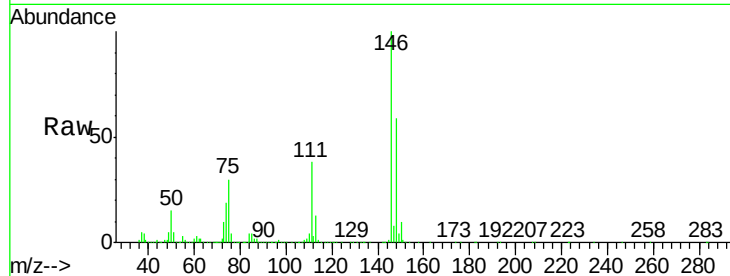




#87
 1,3-Dichlorobenzene
 Concen: 18.650 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

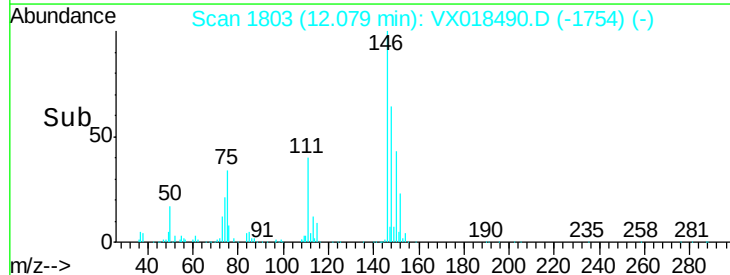
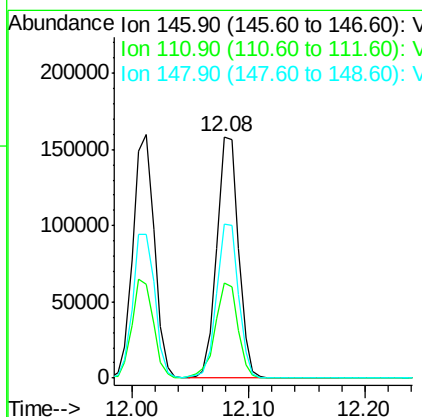
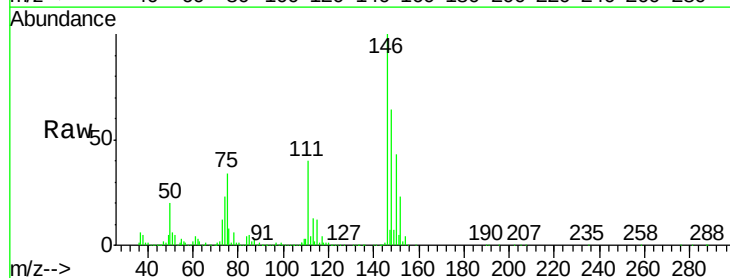
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

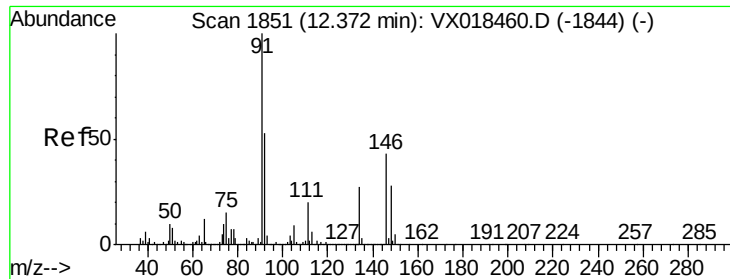
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	61.1	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 18.548 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.4	58.4
148	64.2	31.8	95.4

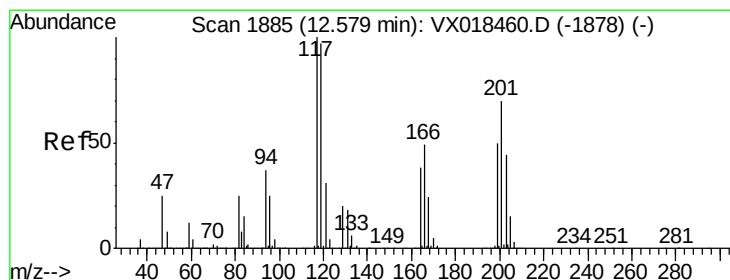
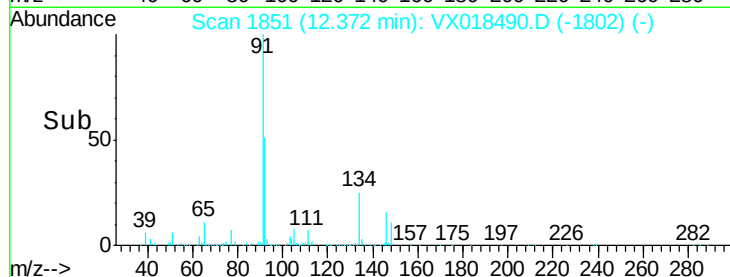
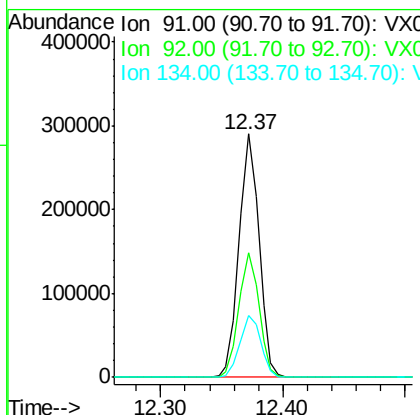
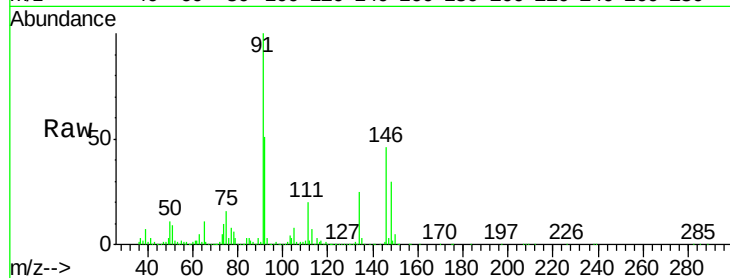




#89
n-Butylbenzene
Concen: 18.079 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

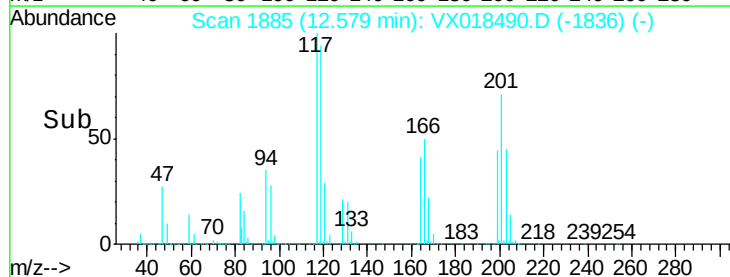
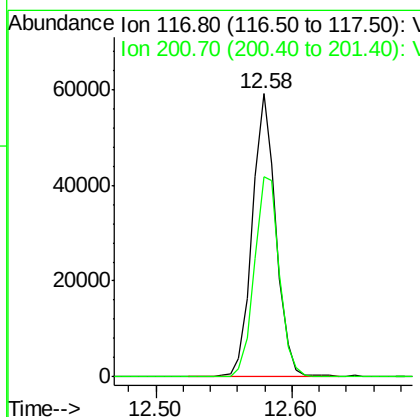
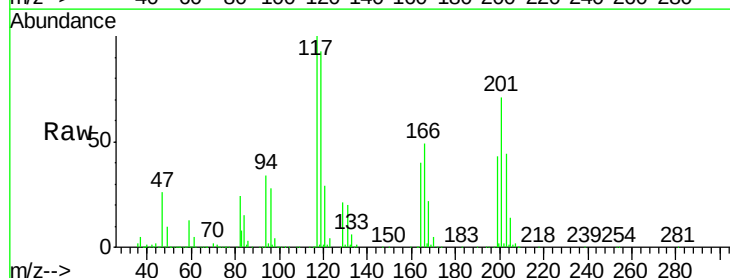
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD02

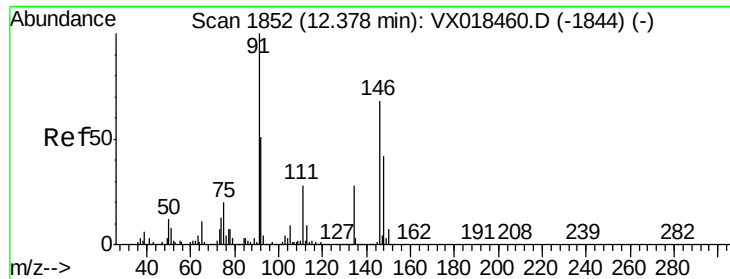
Tgt Ion: 91 Resp: 328357
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 18.329 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018490.D
Acq: 18 Sep 2020 14:19

Tgt Ion: 117 Resp: 71791
Ion Ratio Lower Upper
117 100
201 75.2 36.2 108.6

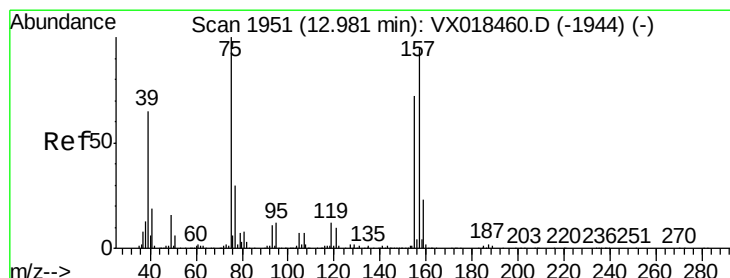
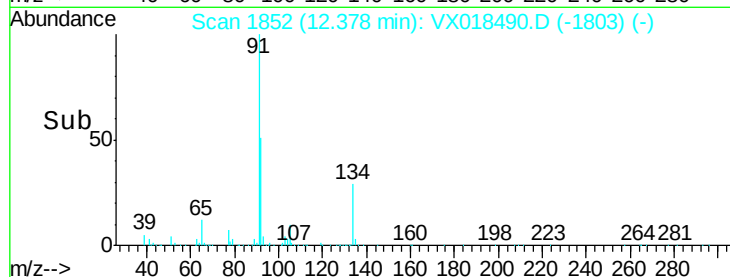
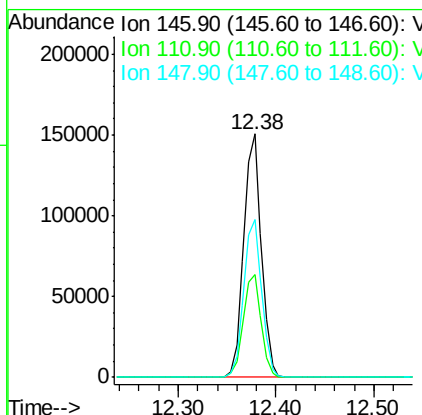
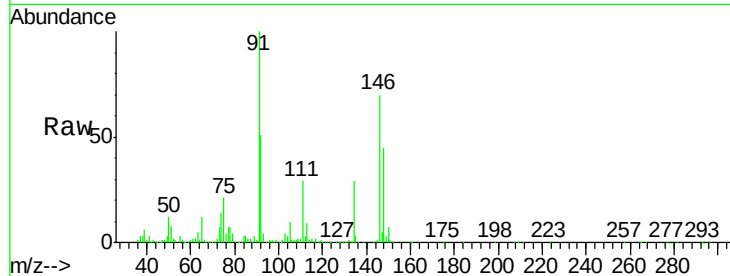




#91
 1,2-Dichlorobenzene
 Concen: 18.675 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

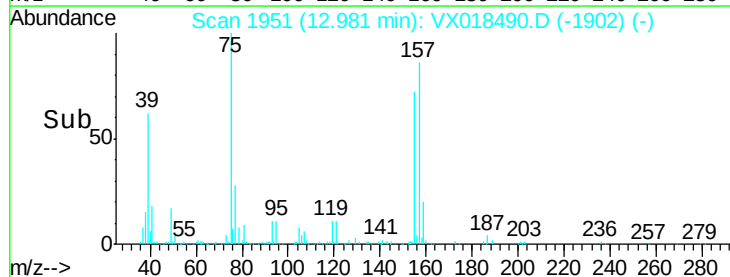
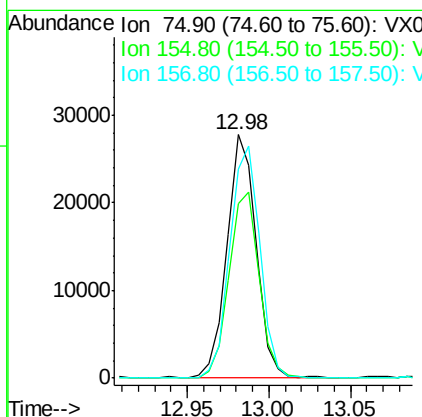
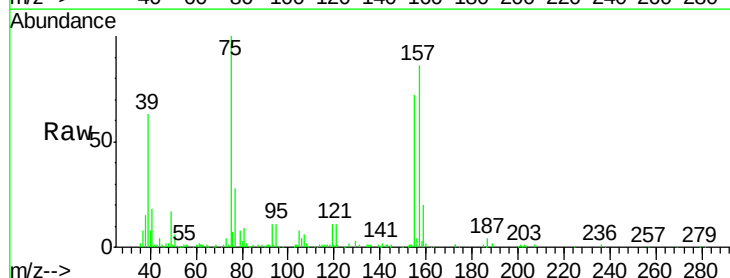
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

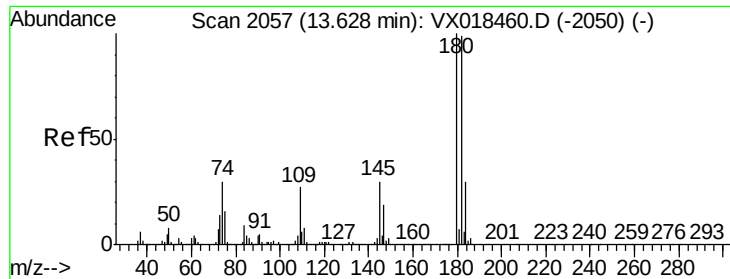
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	66.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.699 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	38.8	116.4
157	98.3	51.1	153.3

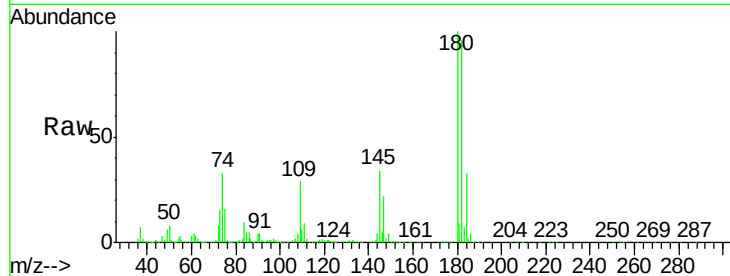




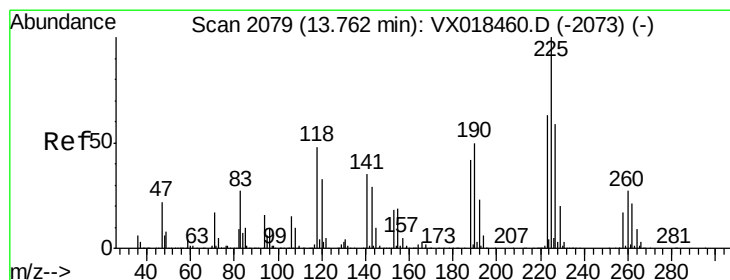
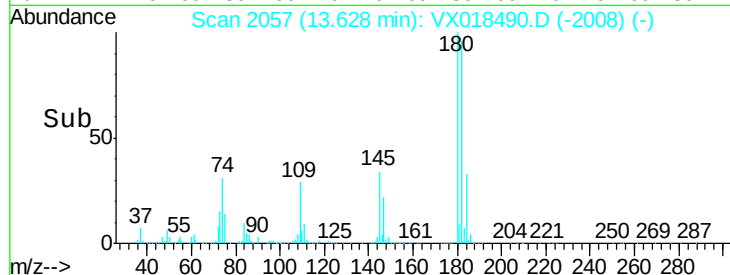
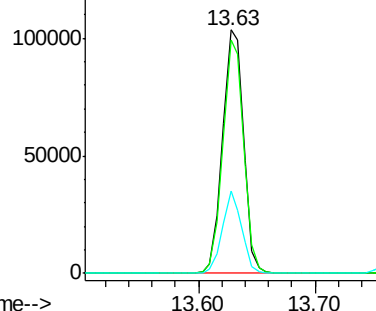
#93
 1,2,4-Trichlorobenzene
 Concen: 18.570 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	50.2	150.6
145	31.3	15.7	47.1

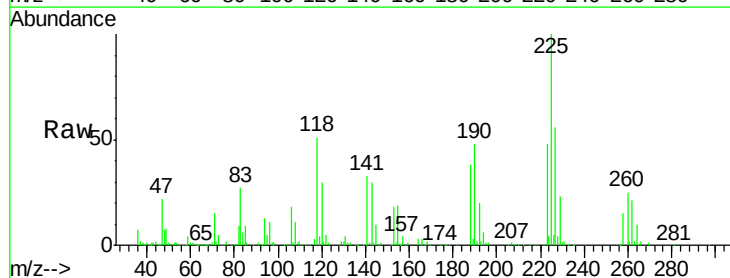


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

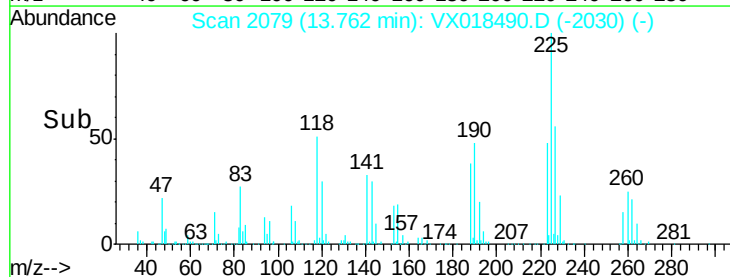
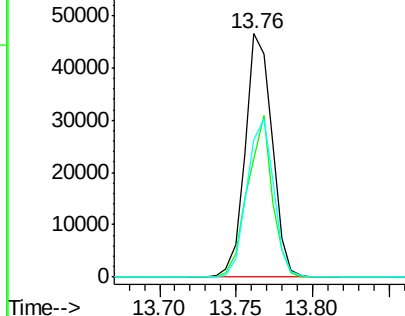


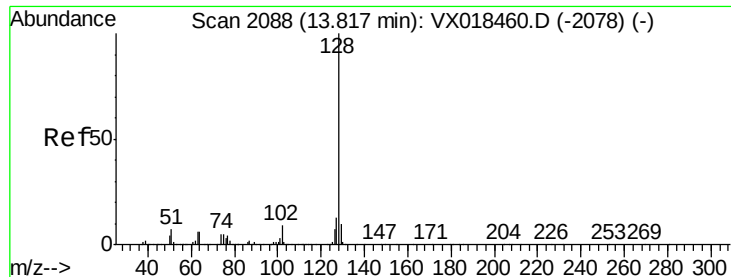
#94
 Hexachlorobutadiene
 Concen: 19.213 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018490.D
 Acq: 18 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	32.0	96.2
227	64.5	31.7	95.1



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





#95

Naphthalene

Concen: 18.533 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD02

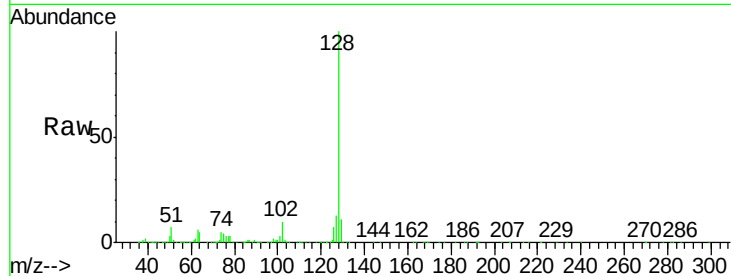
Tgt Ion:128 Resp: 394106

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

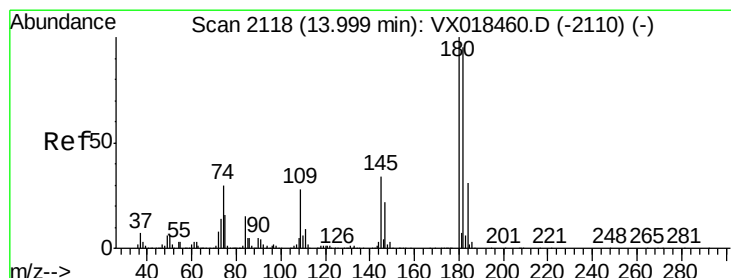
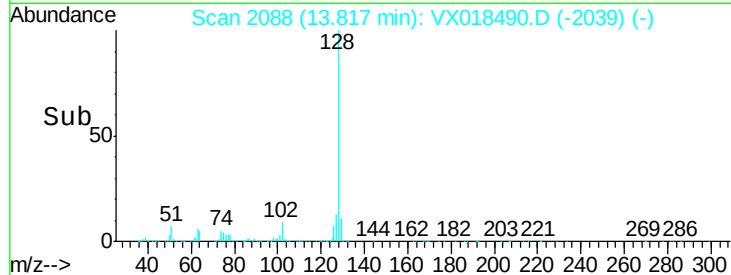
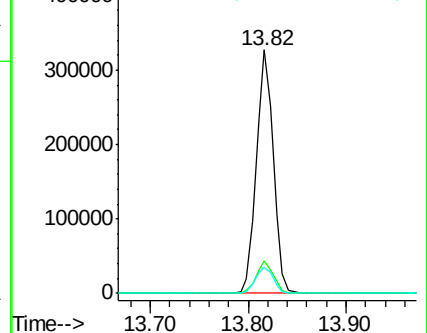
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.464 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018490.D

Acq: 18 Sep 2020 14:19

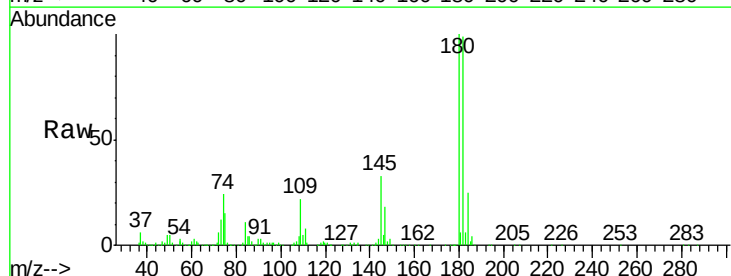
Tgt Ion:180 Resp: 130981

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 34.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

