

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018055.D
 Acq On : 21 Aug 2020 13:50
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 21 23:52:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1067042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1002980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	494744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	491782	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	5.47	113	386768	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.70	98	1421161	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.12	95	554507	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156632	19.576	ug/l	98
3) Chloromethane	1.31	50	159553	18.914	ug/l	99
4) Vinyl Chloride	1.39	62	157840	18.796	ug/l	100
5) Bromomethane	1.63	94	98682	24.364	ug/l	97
6) Chloroethane	1.72	64	94543	20.962	ug/l	97
7) Trichlorofluoromethane	1.92	101	237011	20.699	ug/l	98
8) Diethyl Ether	2.17	74	79882	20.571	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127701	20.629	ug/l	96
10) Methyl Iodide	2.49	142	123861	22.011	ug/l	100
11) Tert butyl alcohol	3.02	59	169333	95.457	ug/l	96
12) 1,1-Dichloroethene	2.36	96	123335	19.204	ug/l	95
13) Acrolein	2.28	56	69683	94.736	ug/l	98
14) Allyl chloride	2.71	41	249910	21.659	ug/l	99
15) Acrylonitrile	3.12	53	416047	103.393	ug/l	98
16) Acetone	2.42	43	404967	113.913	ug/l	99
17) Carbon Disulfide	2.55	76	385023	19.831	ug/l	99
18) Methyl Acetate	2.75	43	178884	20.852	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	463744	21.055	ug/l	100
20) Methylene Chloride	2.84	84	153668	20.450	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143501	20.168	ug/l	98
22) Diisopropyl ether	3.83	45	490462	21.536	ug/l	98
23) Vinyl Acetate	3.79	43	2206212	108.872	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268886	20.741	ug/l	98
25) 2-Butanone	4.64	43	621477	106.370	ug/l	99
26) 2,2-Dichloropropane	4.56	77	243158	23.053	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	163962	20.000	ug/l	98
28) Bromochloromethane	4.98	49	126470	20.211	ug/l	96
29) Tetrahydrofuran	5.10	42	381647	102.613	ug/l	99
30) Chloroform	5.18	83	277638	20.683	ug/l	98
31) Cyclohexane	5.55	56	229553	21.021	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	253270	20.560	ug/l	100
36) 1,1-Dichloropropene	5.77	75	202367	20.562	ug/l	99
37) Ethyl Acetate	4.80	43	230449	20.160	ug/l	99
38) Carbon Tetrachloride	5.76	117	226697	20.439	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	221657	20.597	ug/l	98
40) Benzene	6.12	78	593301	20.516	ug/l	97
41) Methacrylonitrile	5.00	41	124934	19.906	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228599	20.632	ug/l	100
43) Isopropyl Acetate	6.42	43	374460	20.282	ug/l	100
44) Trichloroethene	7.19	130	160068	19.589	ug/l	93
45) 1,2-Dichloropropane	7.49	63	160784	20.629	ug/l	94
46) Dibromomethane	7.64	93	110702	20.197	ug/l	94
47) Bromodichloromethane	7.88	83	220949	20.189	ug/l	99
48) Methyl methacrylate	7.74	41	180365	19.624	ug/l	99
49) 1,4-Dioxane	7.72	88	62531	375.596	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1154870	101.264	ug/l	100
52) Toluene	8.77	92	372371	20.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	246428	20.317	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	262536	20.433	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	154154	19.711	ug/l	97
56) Ethyl methacrylate	9.16	69	231700	19.929	ug/l	99
57) 1,3-Dichloropropane	9.35	76	261009	20.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	537039	102.682	ug/l	99
59) 2-Hexanone	9.48	43	898925	103.660	ug/l	99
60) Dibromochloromethane	9.57	129	182913	19.937	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162771	19.170	ug/l	99
64) Tetrachloroethene	9.32	164	148683	20.173	ug/l	92
65) Chlorobenzene	10.12	112	405586	20.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	154458	19.564	ug/l	97
67) Ethyl Benzene	10.24	91	711034	20.872	ug/l	99
68) m/p-Xylenes	10.34	106	525355	41.318	ug/l	97
69) o-Xylene	10.68	106	254712	20.665	ug/l	99
70) Styrene	10.70	104	434096	20.680	ug/l	98
71) Bromoform	10.84	173	130212	19.336	ug/l #	97
73) Isopropylbenzene	11.00	105	684614	20.979	ug/l	99
74) N-amyl acetate	10.88	43	325556	21.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	229580	19.943	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	279319	25.379	ug/l	85
77) Bromobenzene	11.24	156	183246	20.314	ug/l	97
78) n-propylbenzene	11.34	91	788811	21.288	ug/l	99
79) 2-Chlorotoluene	11.40	91	478584	20.905	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	576732	21.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	82335	20.205	ug/l	97
82) 4-Chlorotoluene	11.49	91	565477	20.778	ug/l	100
83) tert-Butylbenzene	11.76	119	559574	21.144	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	577637	21.068	ug/l	99
85) sec-Butylbenzene	11.93	105	655251	21.772	ug/l	100
86) p-Isopropyltoluene	12.05	119	603802	21.841	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309709	19.555	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	314219	19.815	ug/l	96
89) n-Butylbenzene	12.37	91	530847	21.039	ug/l	99
90) Hexachloroethane	12.58	117	112692	20.719	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	311551	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54485	18.929	ug/l	97

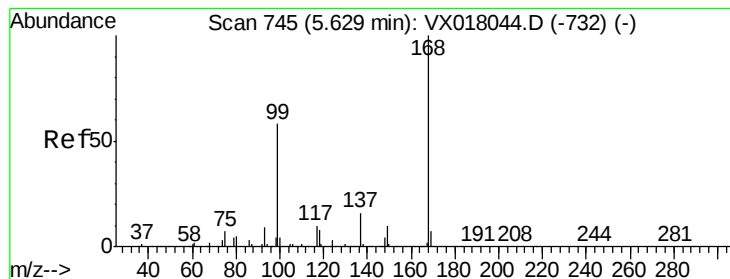
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018055.D
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	192042	19.317	ug/l	99
94) Hexachlorobutadiene	13.77	225	73069	18.634	ug/l	98
95) Naphthalene	13.82	128	642280	19.631	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193990	19.748	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: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

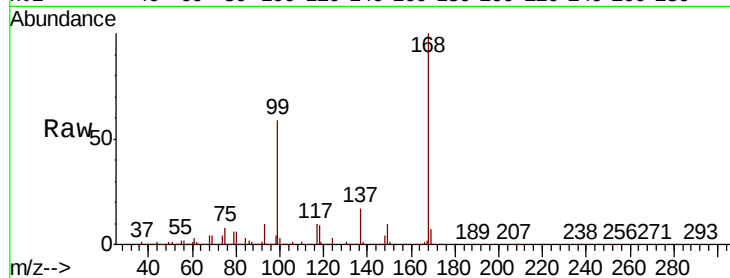
VX0821WBSD02

Tot Ion:168 Resp: 657187

Ion Ratio Lower Upper

168 100

99 59.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

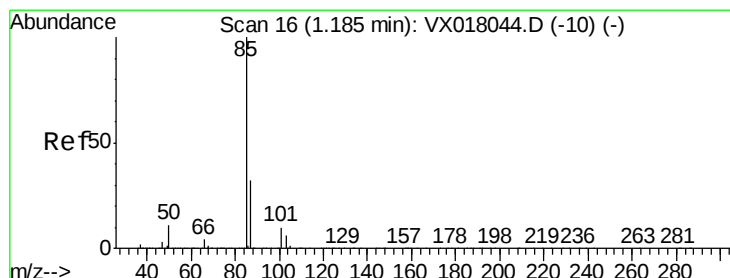
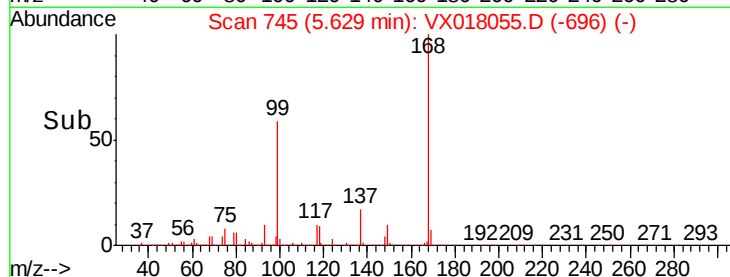
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.576 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018055.D

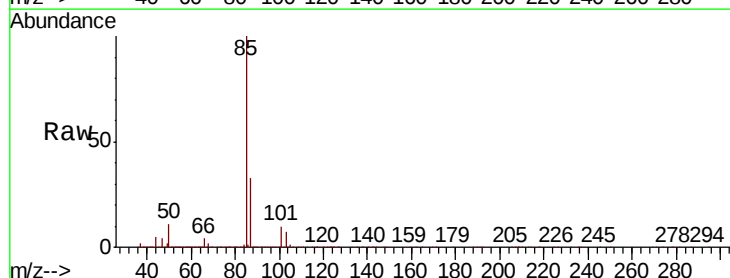
Acq: 21 Aug 2020 13:50

Tgt Ion: 85 Resp: 156632

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

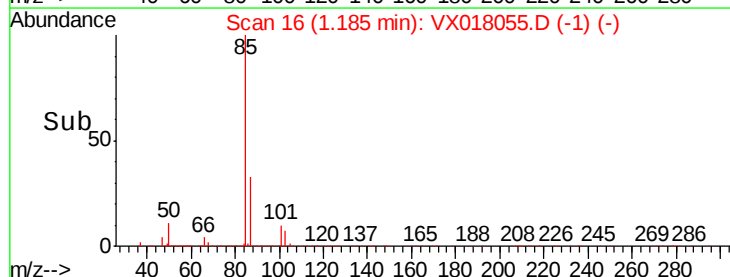
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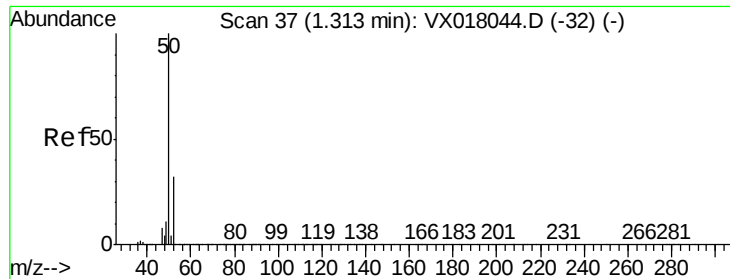
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Time-->

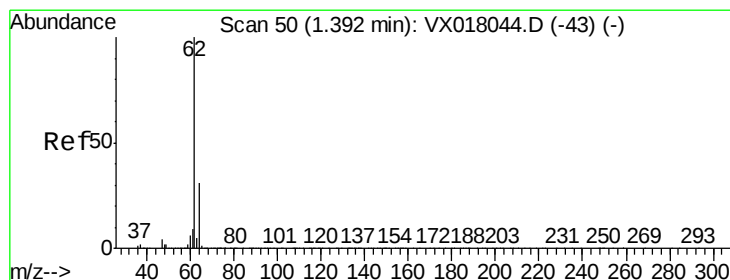
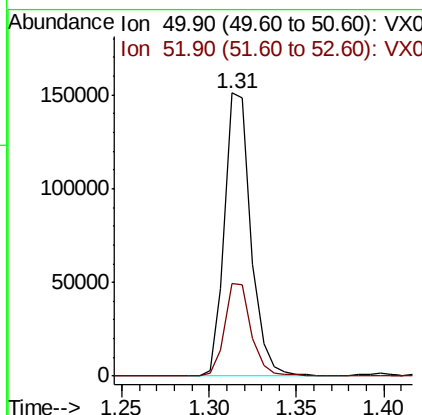
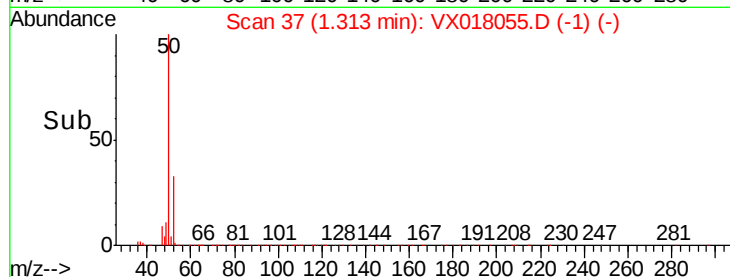
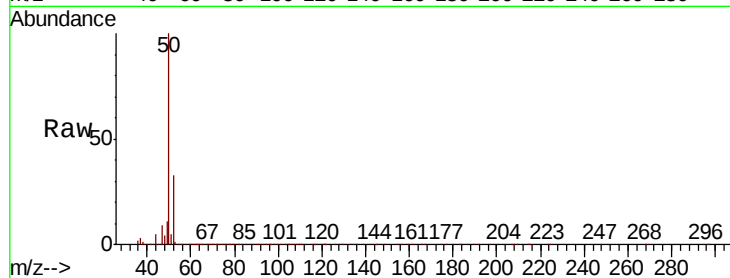




#3
Chloromethane
Concen: 18.914 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

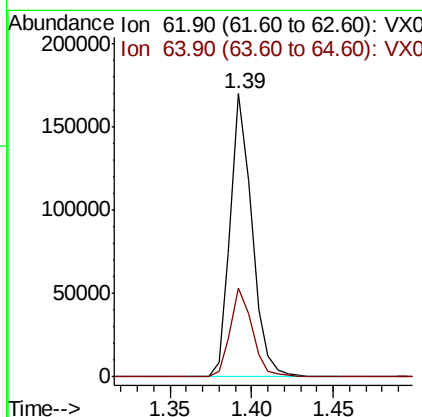
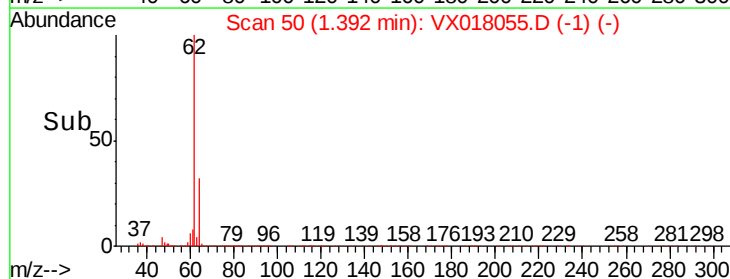
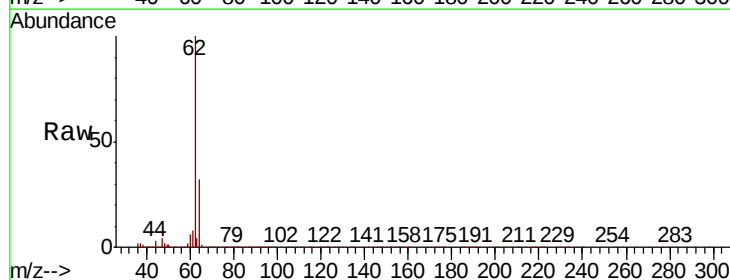
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

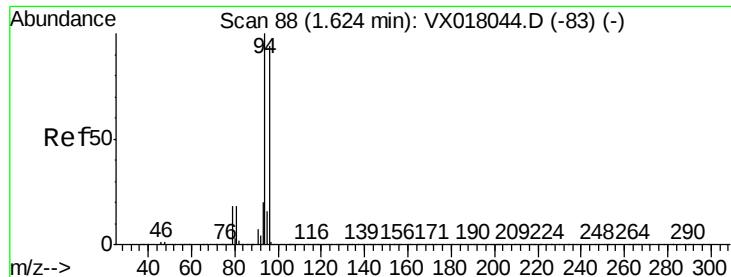
Tot Ion: 50 Resp: 159553
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 18.796 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 62 Resp: 157840
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5

Bromomethane

Concen: 24.364 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

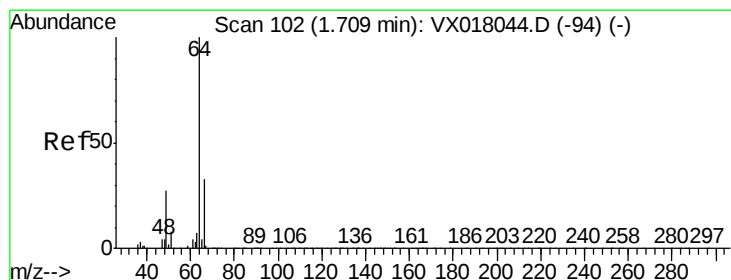
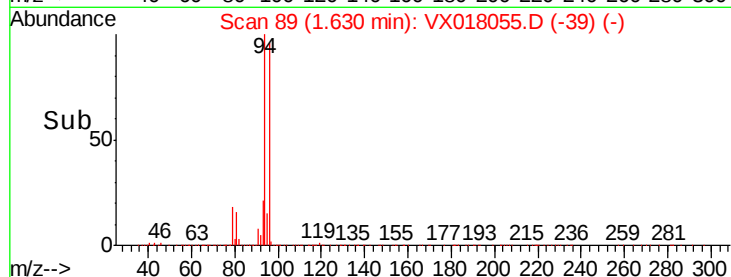
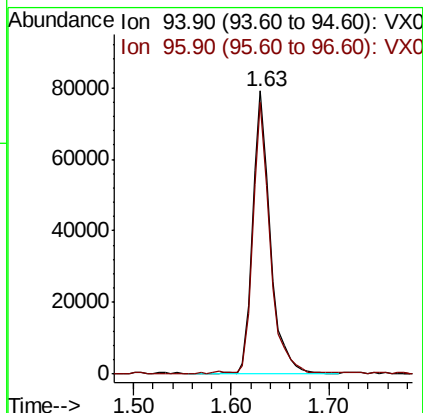
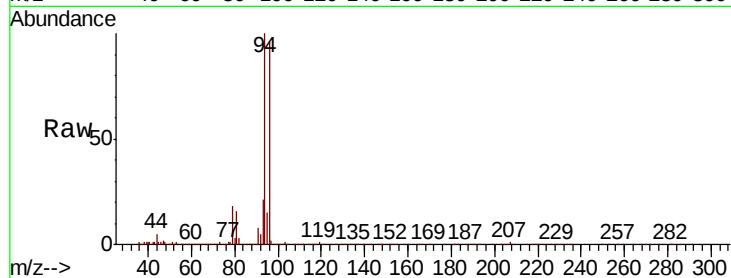
VX0821WBSD02

Tot Ion: 94 Resp: 98682

Ion Ratio Lower Upper

94 100

96 96.0 74.8 112.2



#6

Chloroethane

Concen: 20.962 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018055.D

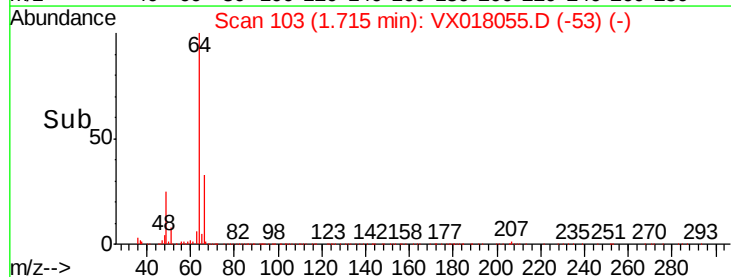
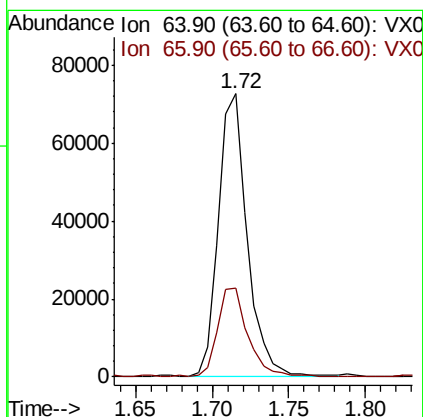
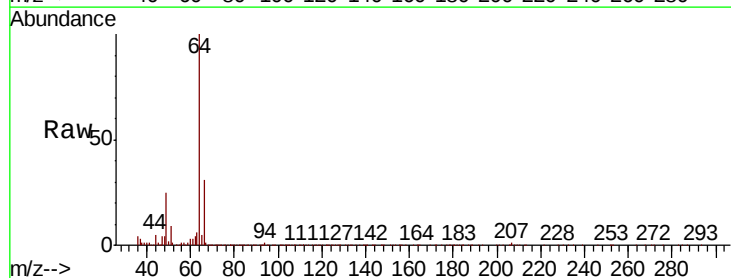
Acq: 21 Aug 2020 13:50

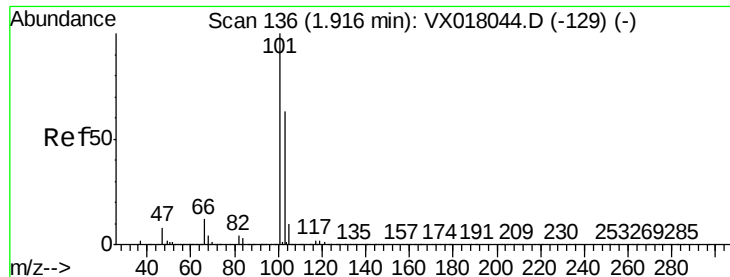
Tgt Ion: 64 Resp: 94543

Ion Ratio Lower Upper

64 100

66 31.2 26.6 39.8



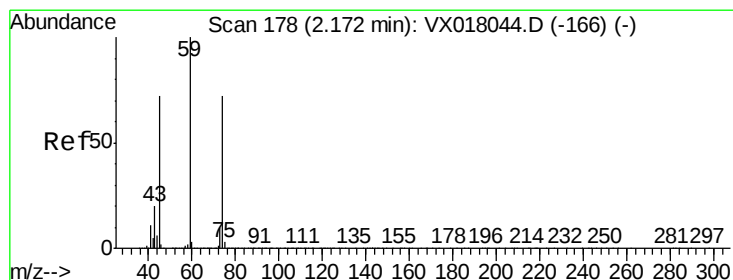
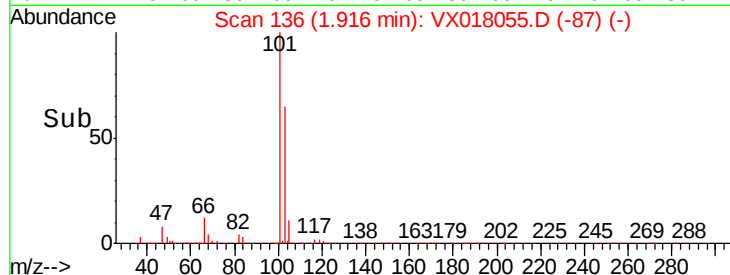
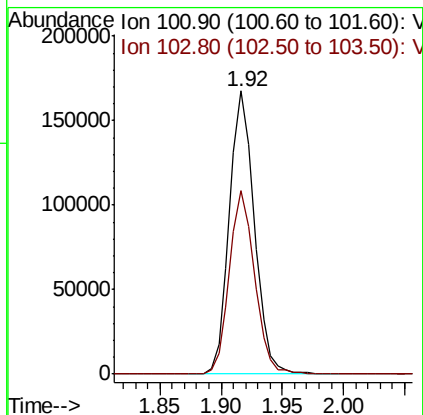
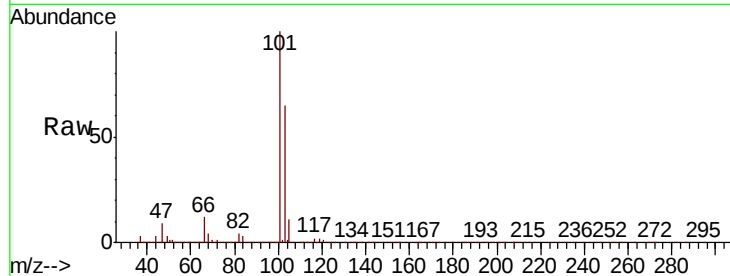


#7

Trichlorofluoromethane
 Concen: 20.699 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

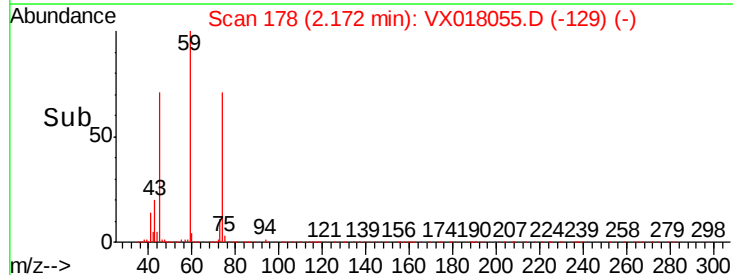
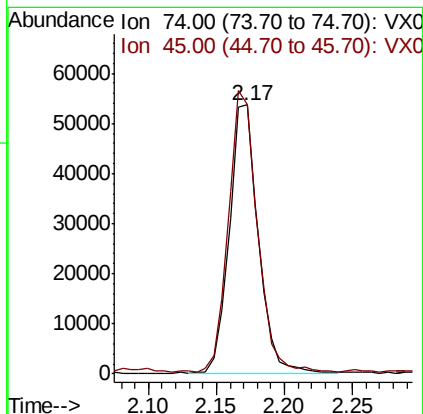
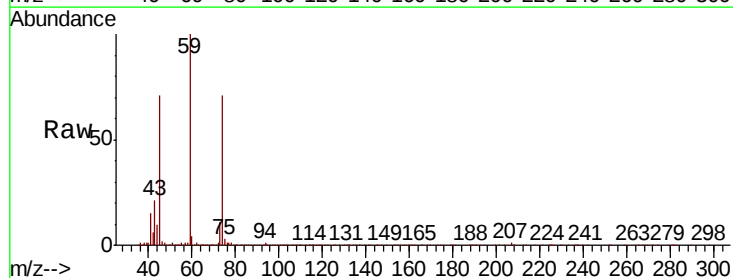
Tot Ion:101 Resp: 237011
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

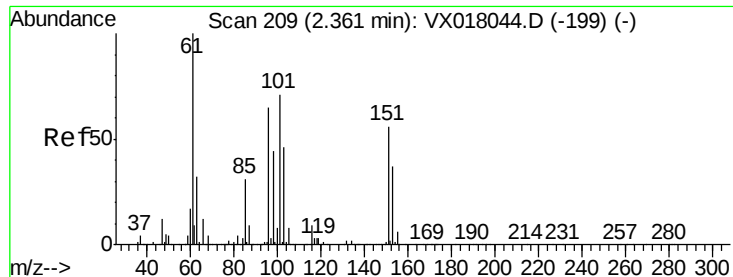


#8

Diethyl Ether
 Concen: 20.571 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion: 74 Resp: 79882
 Ion Ratio Lower Upper
 74 100
 45 104.2 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.629 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

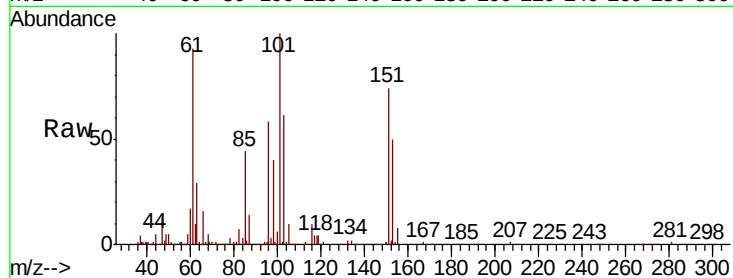
Tot Ion:101 Resp: 127701

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

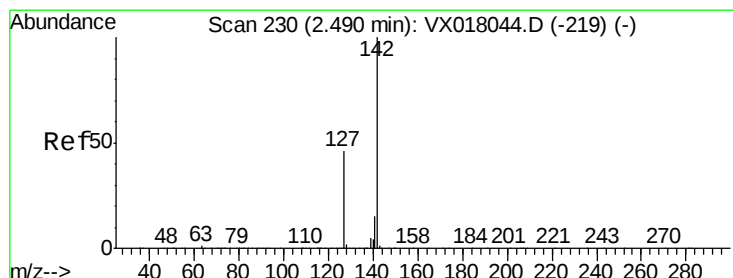
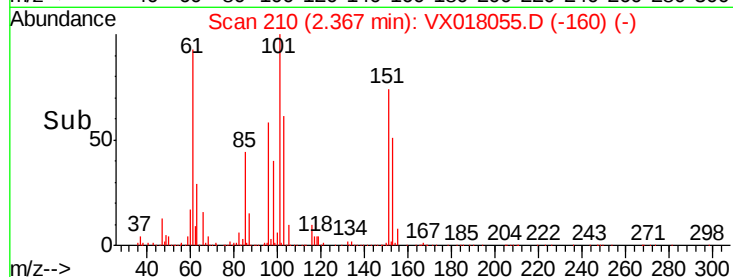
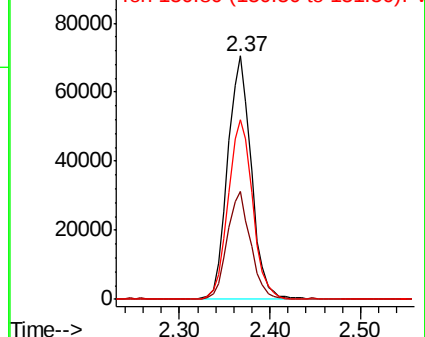
151 76.3 65.2 97.8



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: 22.011 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

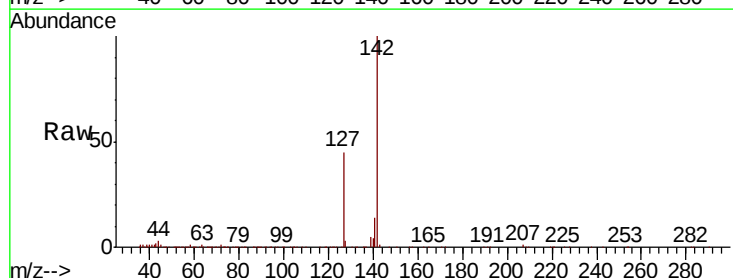
Tgt Ion:142 Resp: 123861

Ion Ratio Lower Upper

142 100

127 46.3 37.0 55.6

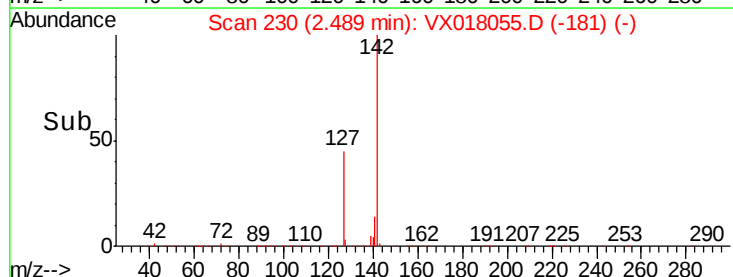
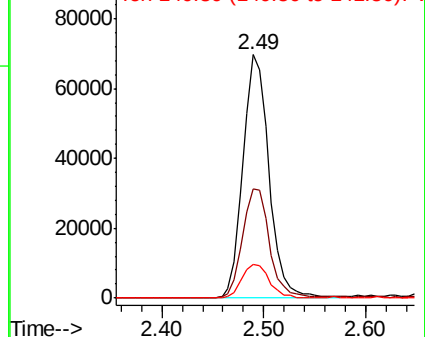
141 14.7 11.5 17.3

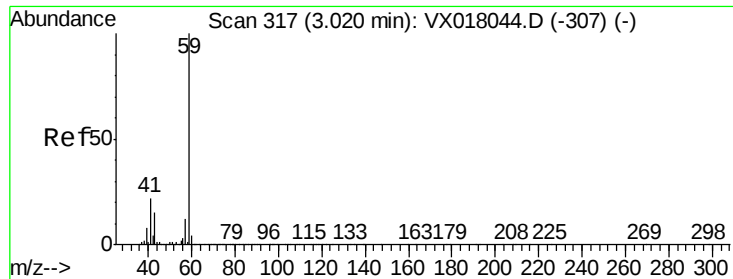


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



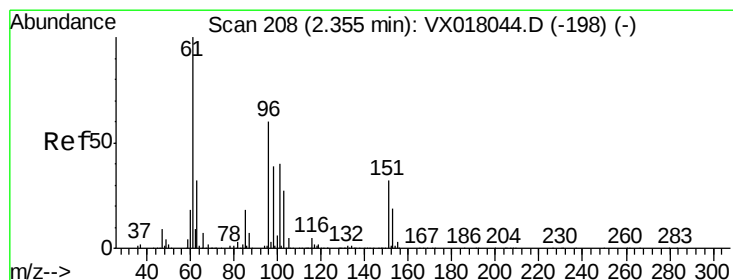
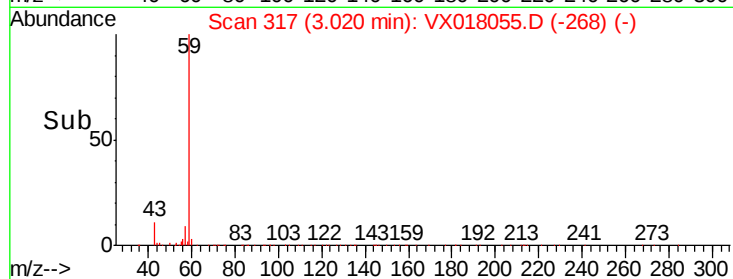
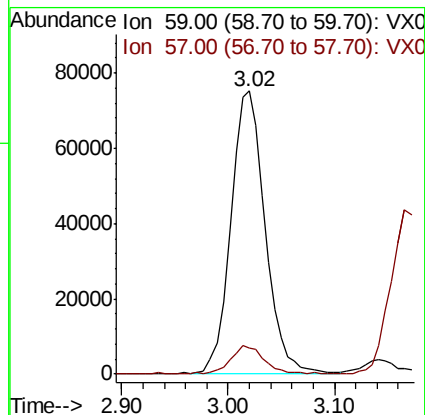
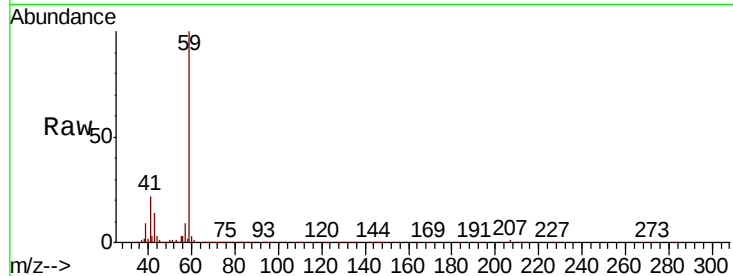


#11

Tert butyl alcohol
 Concen: 95.457 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

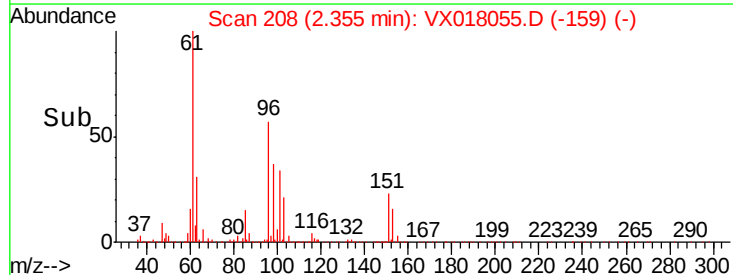
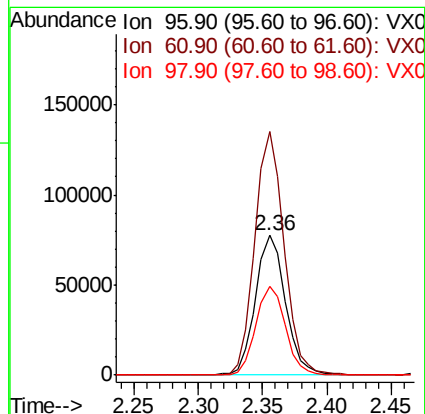
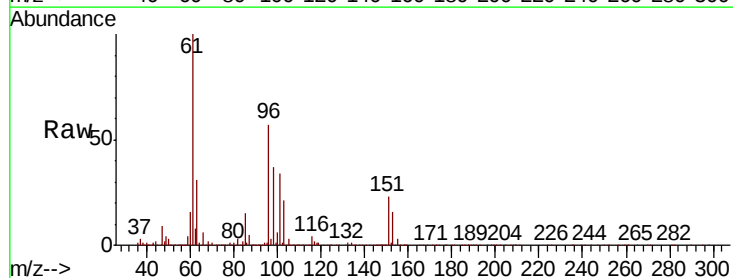
Tot Ion: 59 Resp: 169333
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.9 13.3

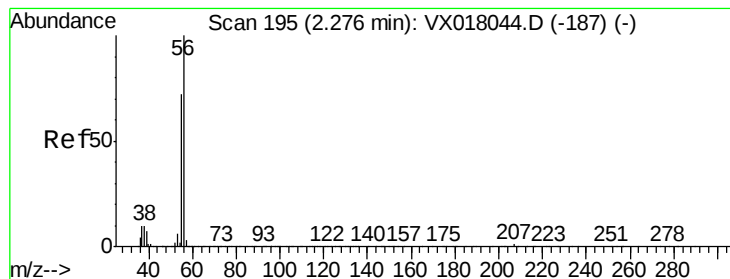


#12

1,1-Dichloroethene
 Concen: 19.204 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion: 96 Resp: 123335
 Ion Ratio Lower Upper
 96 100
 61 175.0 133.0 199.4
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 94.736 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

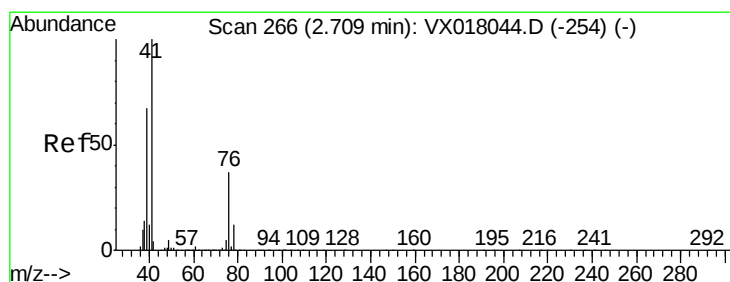
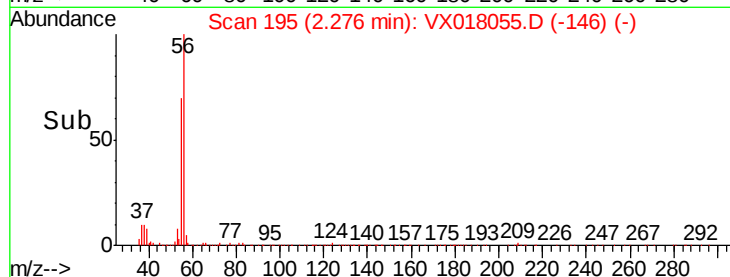
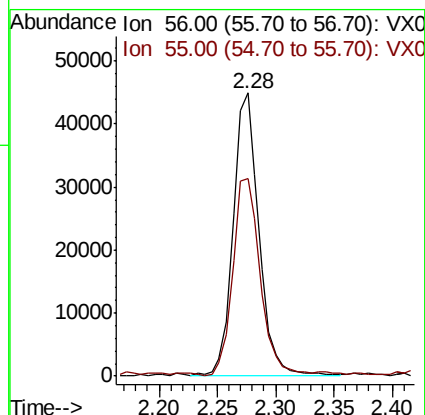
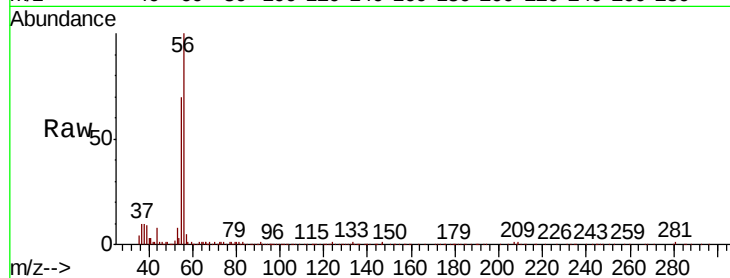
VX0821WBSD02

Tot Ion: 56 Resp: 69683

Ion Ratio Lower Upper

56 100

55 73.1 57.0 85.6



#14

Allyl chloride

Concen: 21.659 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

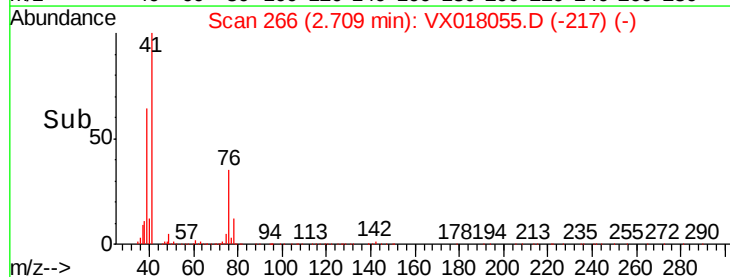
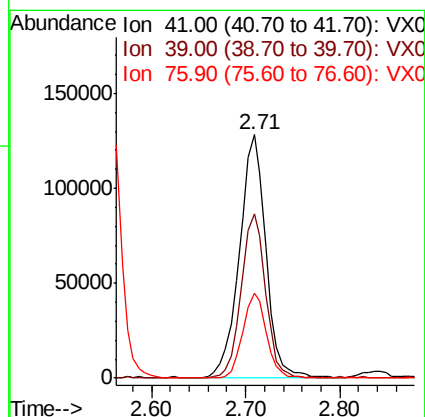
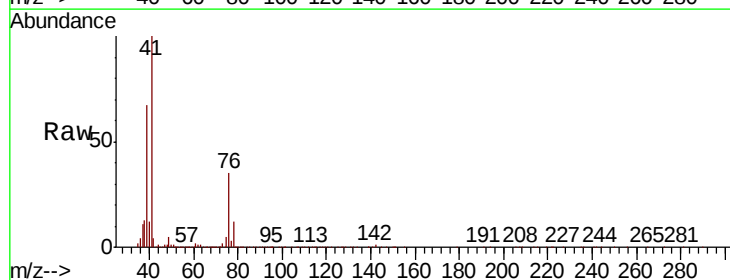
Tgt Ion: 41 Resp: 249910

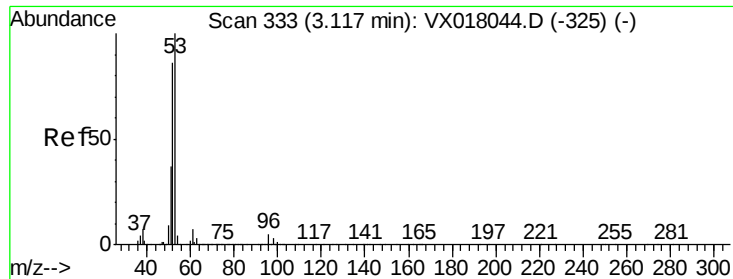
Ion Ratio Lower Upper

41 100

39 63.0 50.6 76.0

76 31.0 26.2 39.2





#15

Acrylonitrile

Concen: 103.393 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

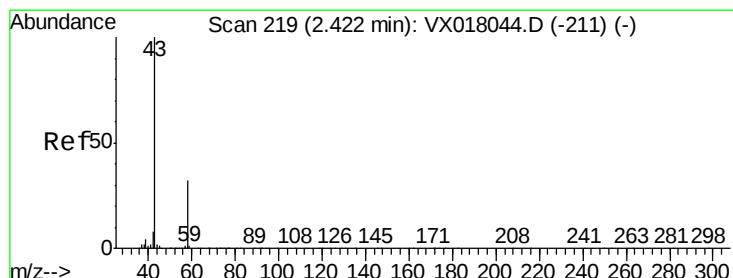
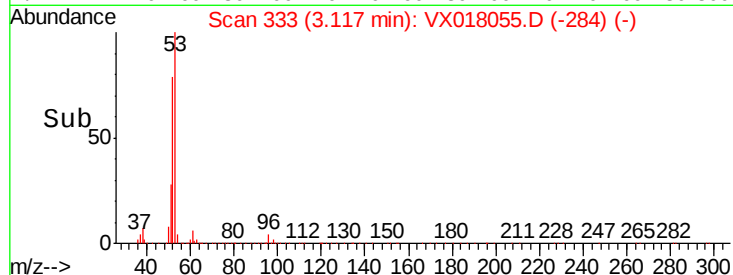
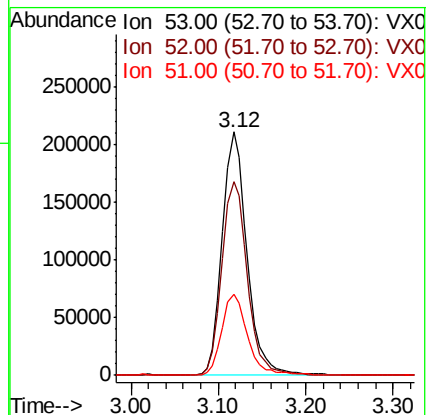
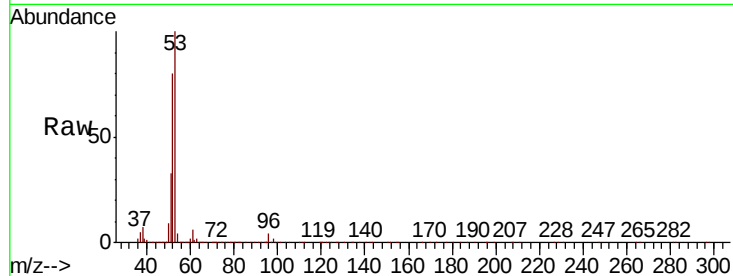
Tot Ion: 53 Resp: 416047

Ion Ratio Lower Upper

53 100

52 82.4 66.9 100.3

51 34.6 28.7 43.1



#16

Acetone

Concen: 113.913 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018055.D

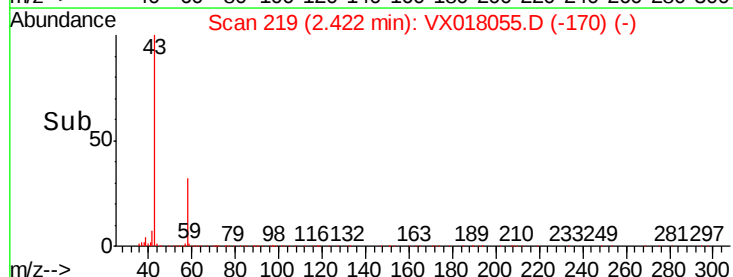
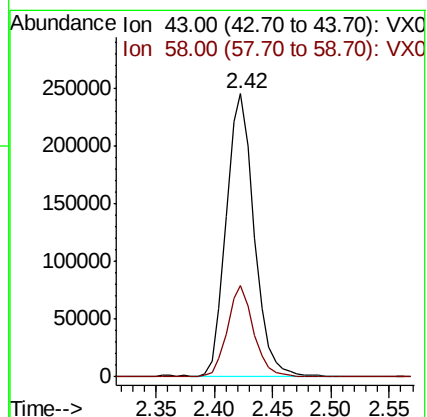
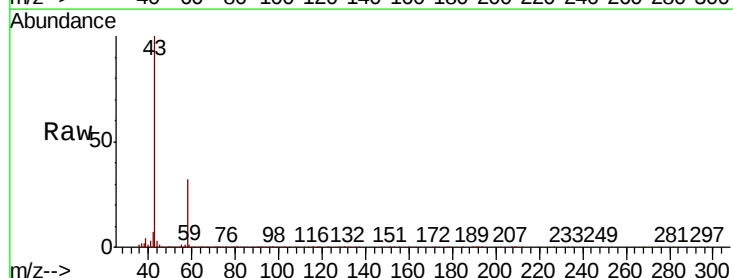
Acq: 21 Aug 2020 13:50

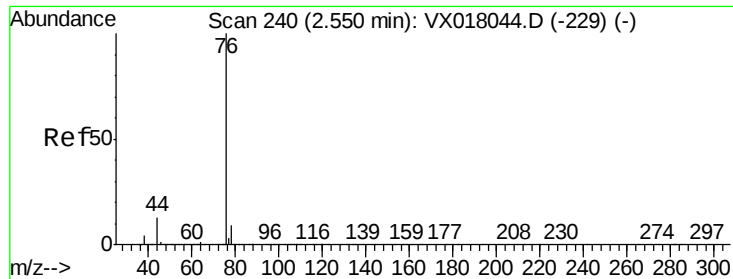
Tgt Ion: 43 Resp: 404967

Ion Ratio Lower Upper

43 100

58 32.3 25.5 38.3

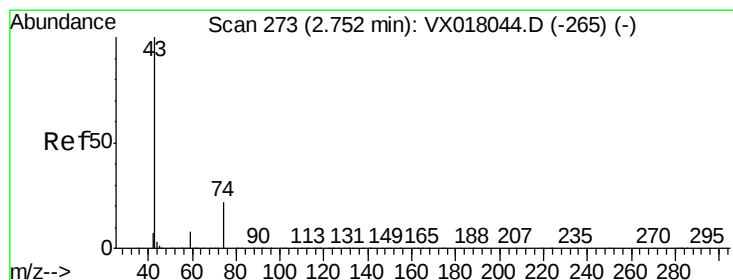
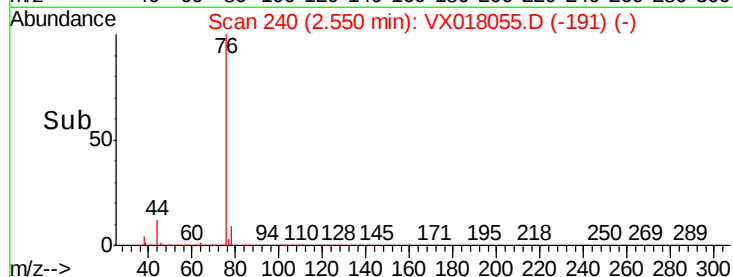
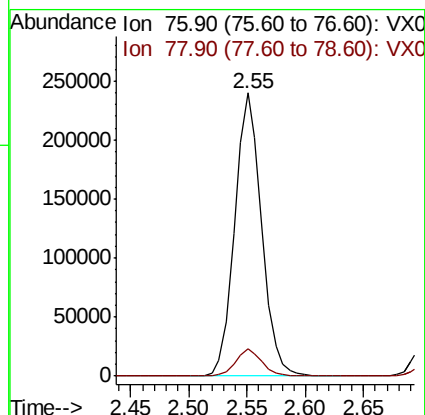
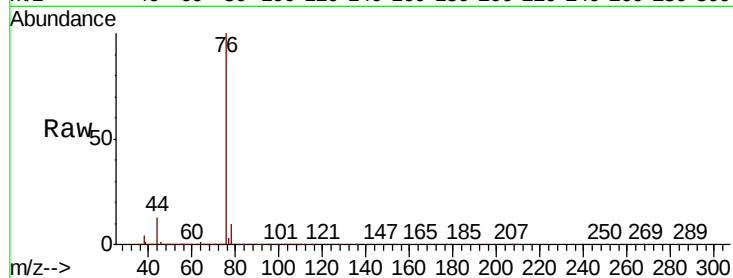




#17
Carbon Disulfide
Concen: 19.831 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

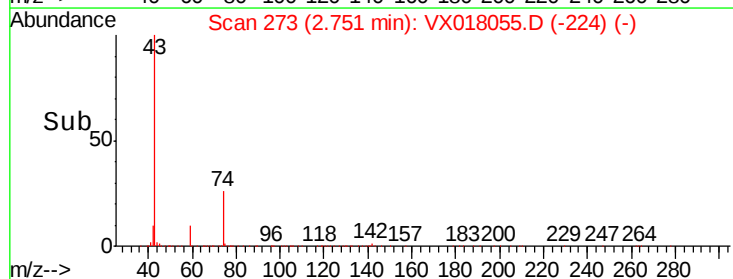
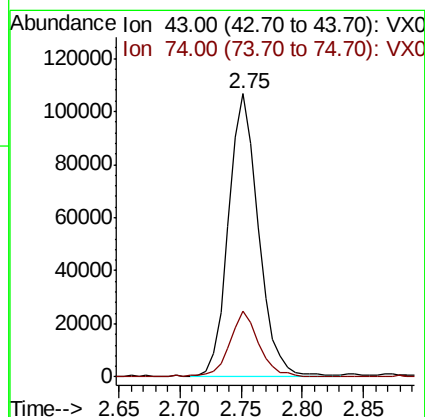
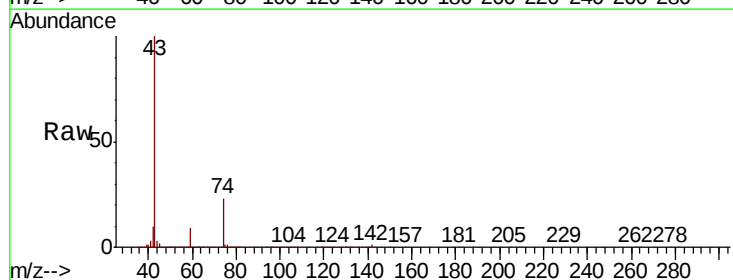
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

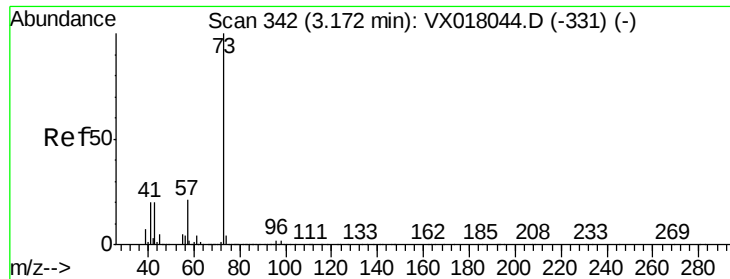
Tot Ion: 76 Resp: 385023
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.852 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 43 Resp: 178884
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4

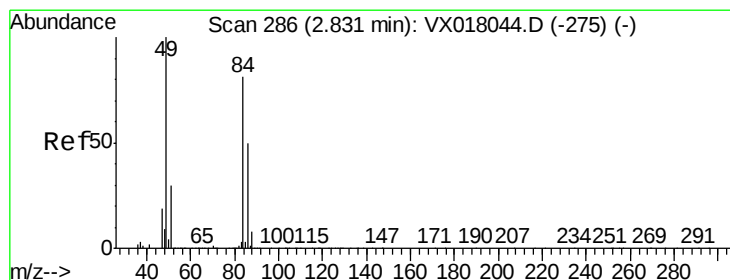
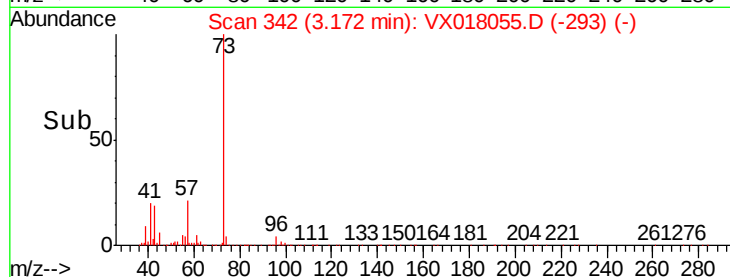
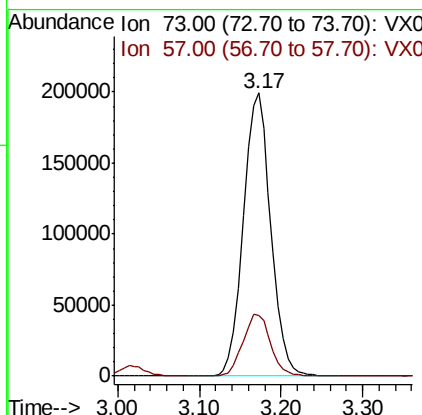
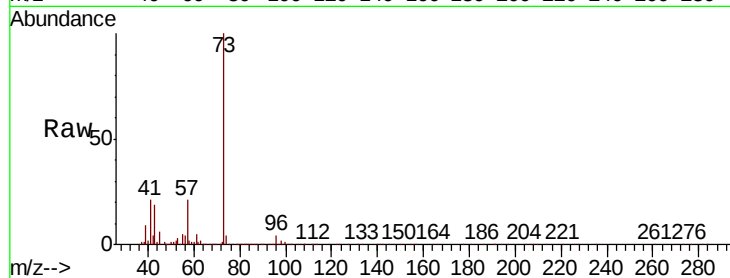




#19
Methvl tert-butvl Ether
Concen: 21.055 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

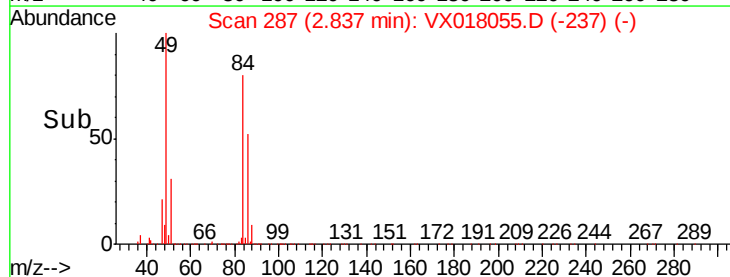
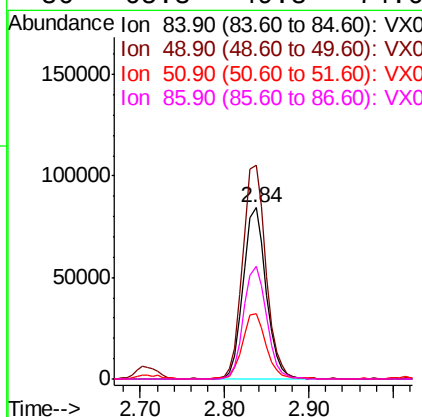
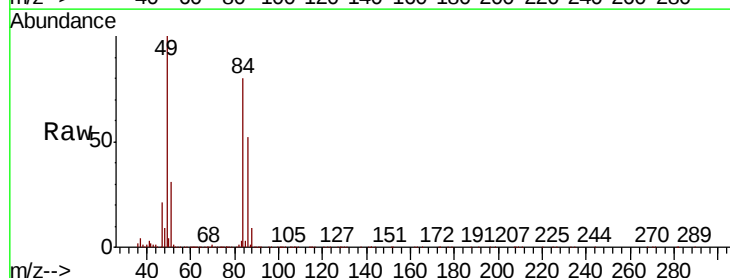
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion: 73 Resp: 463744
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#20
Methylene Chloride
Concen: 20.450 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 84 Resp: 153668
Ion Ratio Lower Upper
84 100
49 124.5 98.6 148.0
51 38.4 29.6 44.4
86 65.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.168 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

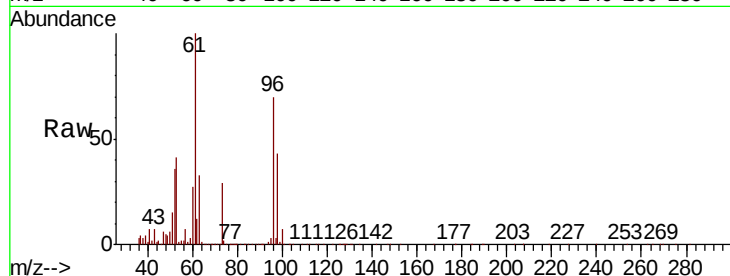
Tot Ion: 96 Resp: 143501

Ion Ratio Lower Upper

96 100

61 142.6 115.4 173.0

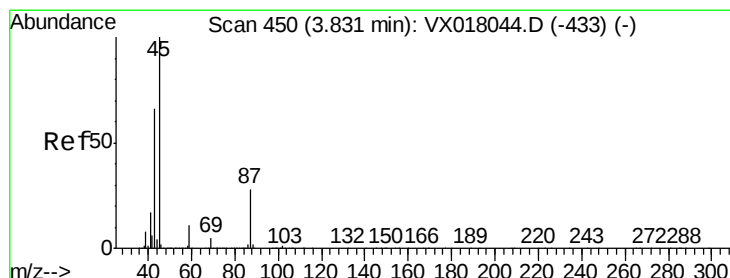
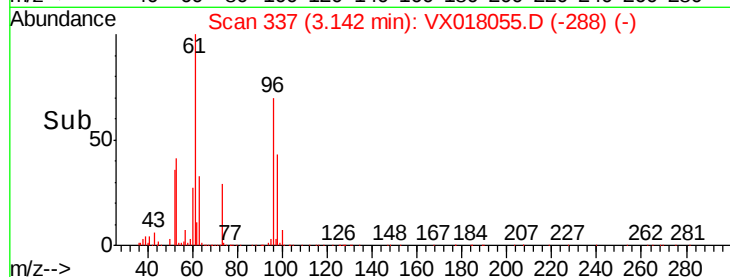
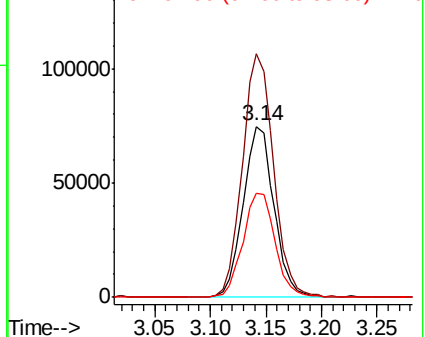
98 60.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.536 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion: 45 Resp: 490462

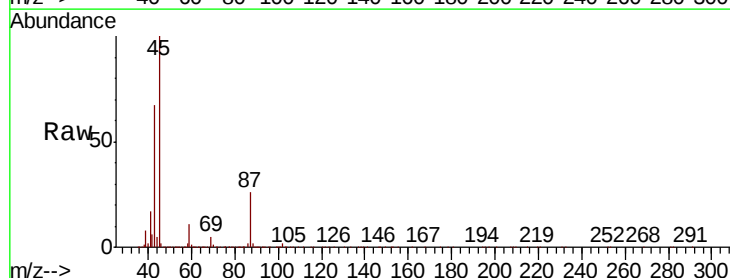
Ion Ratio Lower Upper

45 100

43 66.9 52.8 79.2

87 26.5 22.5 33.7

59 11.2 9.0 13.6

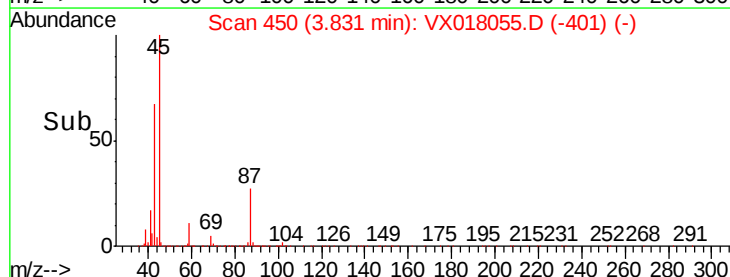
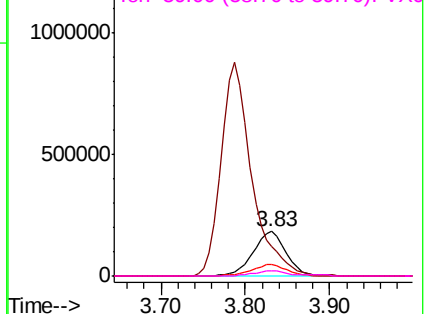


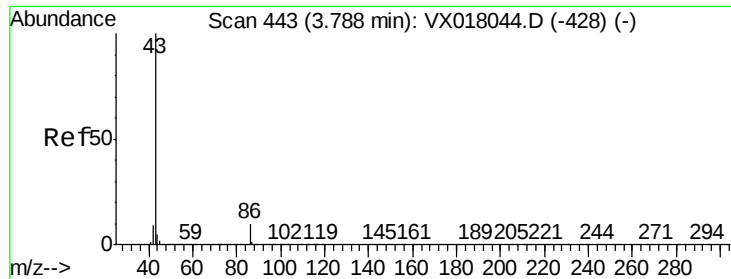
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.872 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

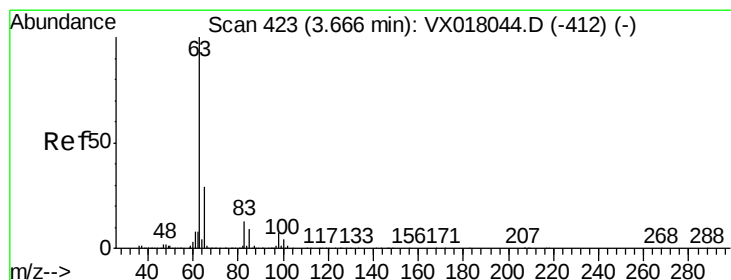
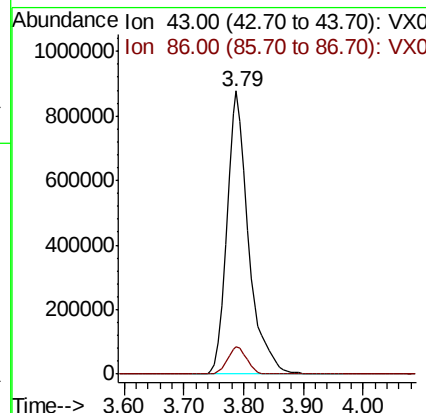
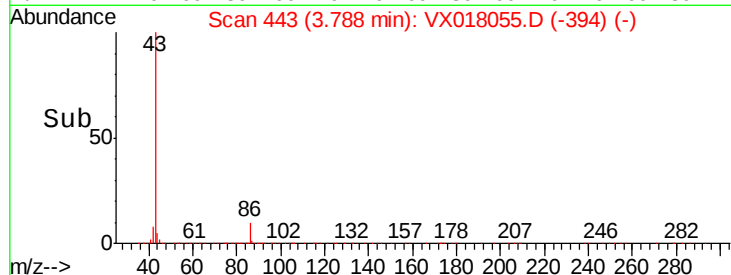
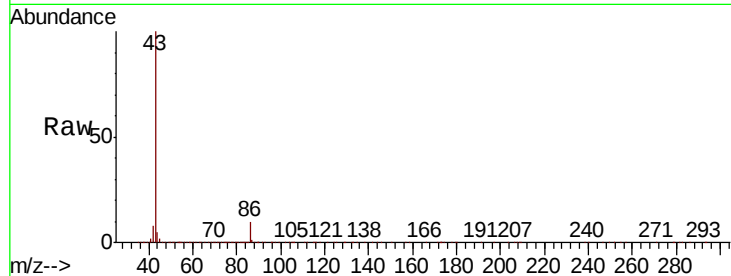
VX0821WBSD02

Tot Ion: 43 Resp: 2206212

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.741 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

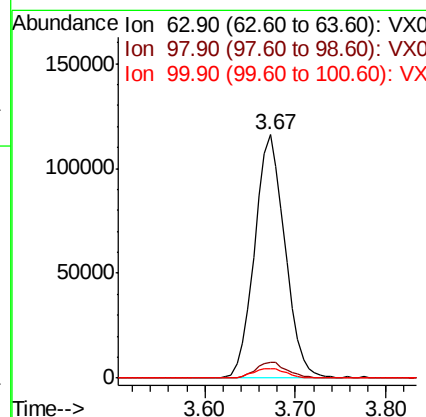
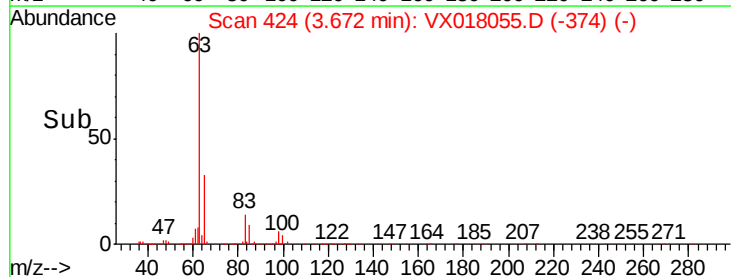
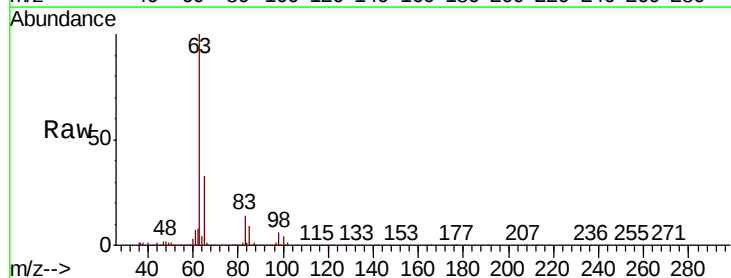
Tgt Ion: 63 Resp: 268886

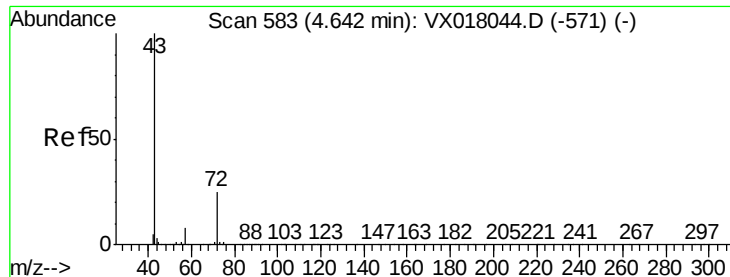
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 106.370 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

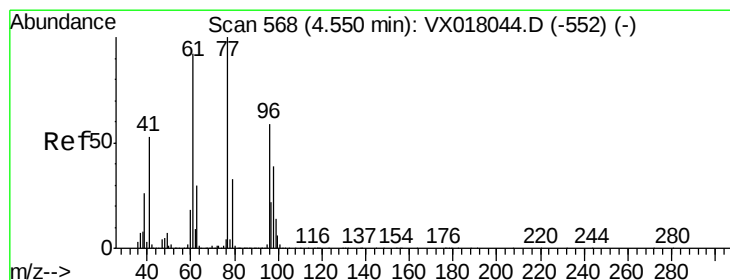
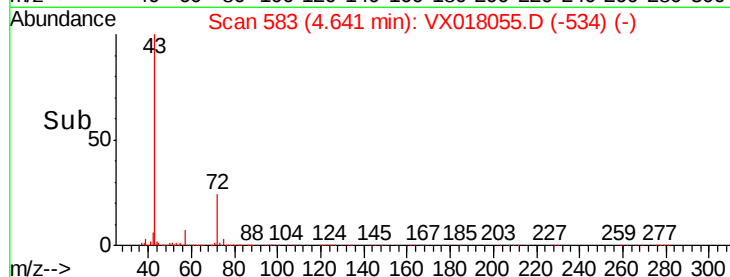
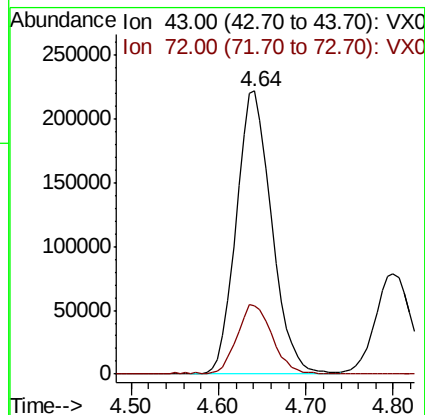
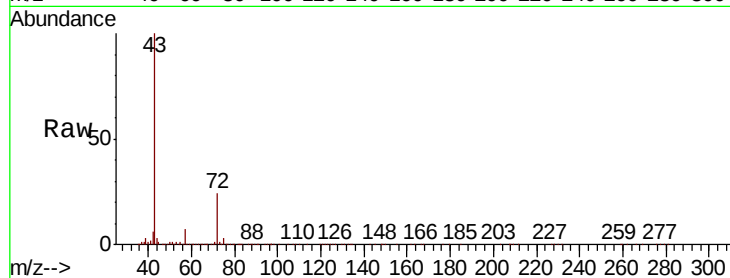
VX0821WBSD02

Tot Ion: 43 Resp: 621477

Ion Ratio Lower Upper

43 100

72 24.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 23.053 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018055.D

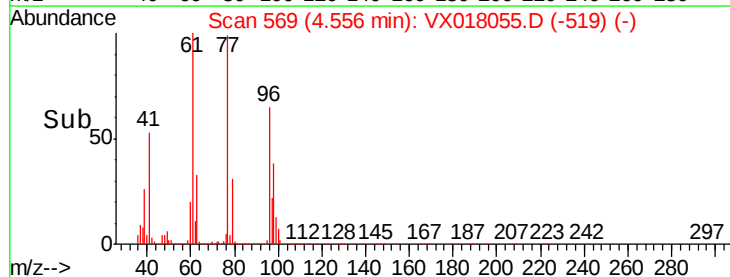
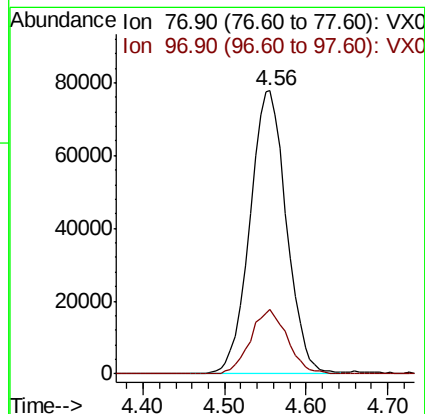
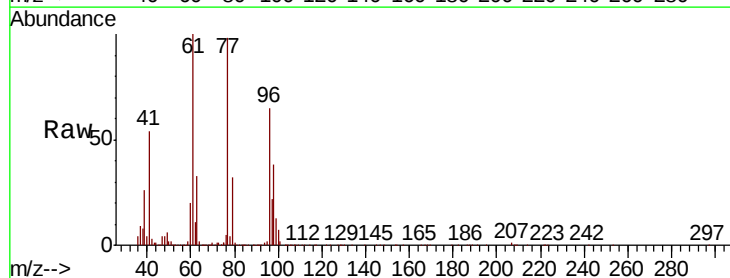
Acq: 21 Aug 2020 13:50

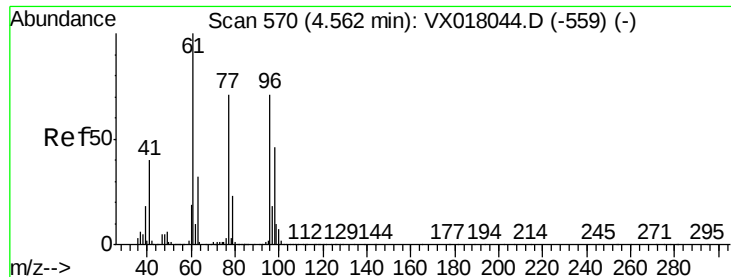
Tgt Ion: 77 Resp: 243158

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



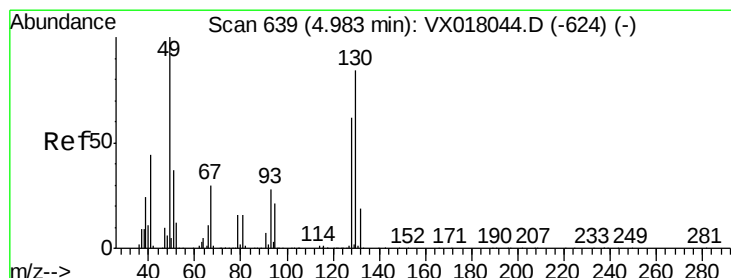
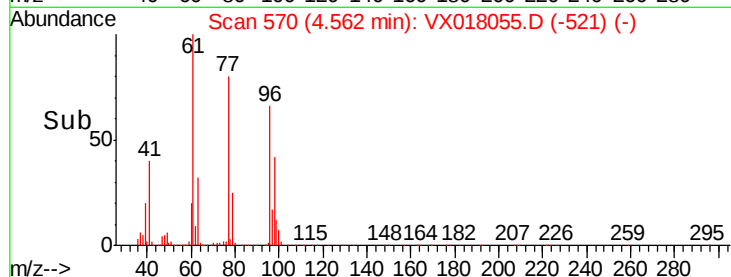
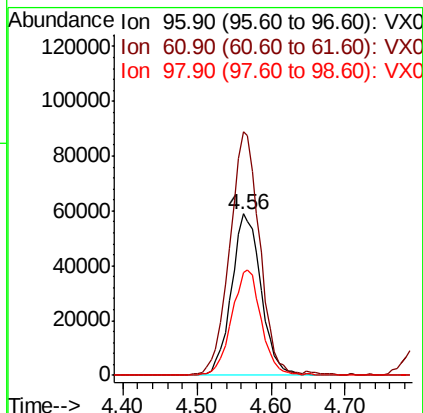
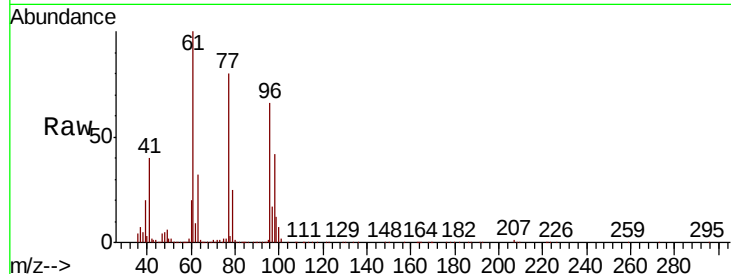


#27

cis-1,2-Dichloroethene
 Concen: 20.000 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

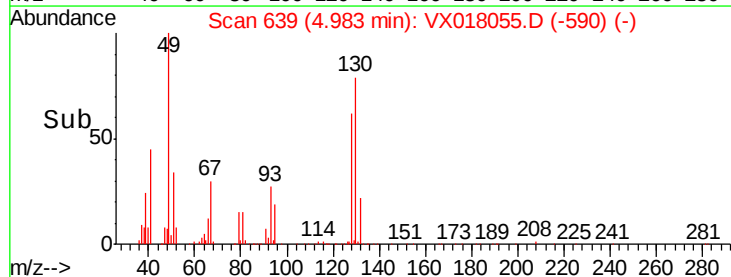
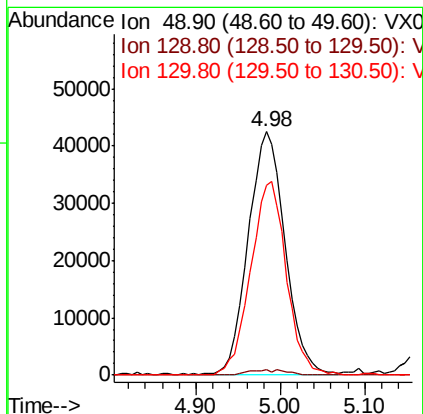
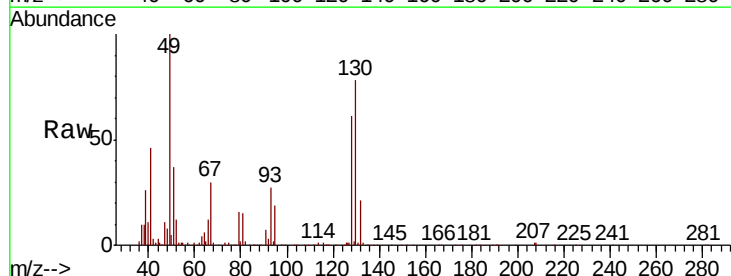
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	296.6
98	64.6	0.0	130.2

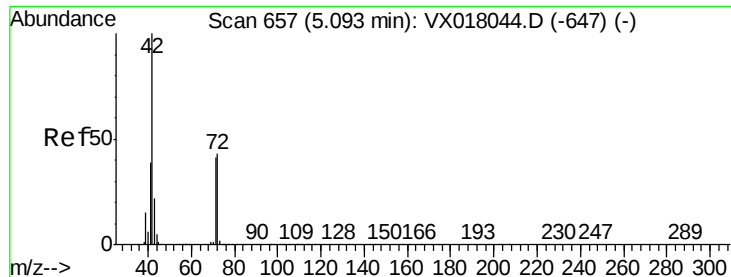


#28

Bromochloromethane
 Concen: 20.211 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	77.3	64.6	96.8





#29

Tetrahydrofuran

Concen: 102.613 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

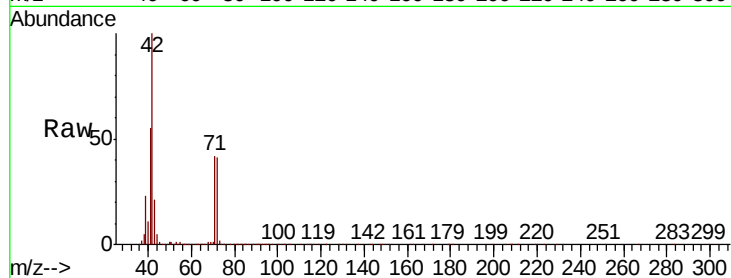
Tot Ion: 42 Resp: 381647

Ion Ratio Lower Upper

42 100

72 42.0 34.2 51.4

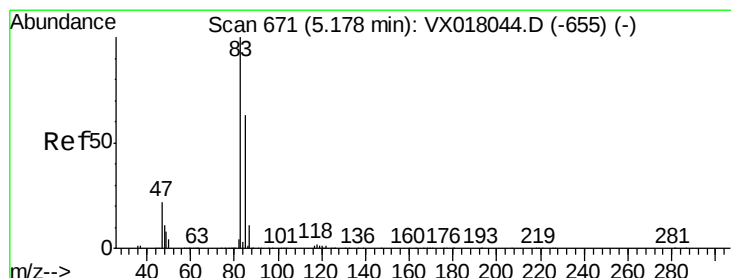
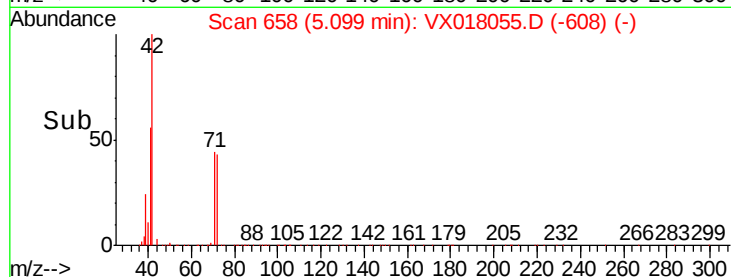
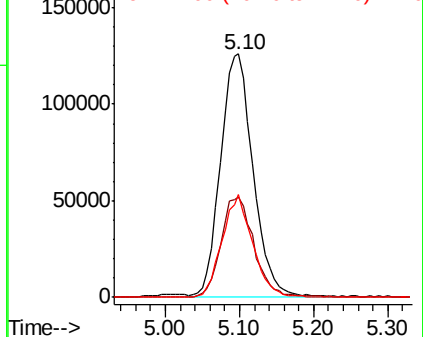
71 40.2 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.683 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX018055.D

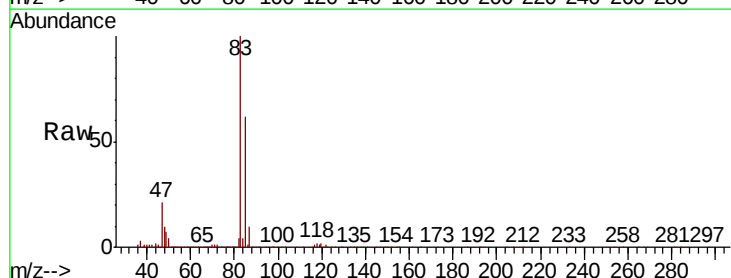
Acq: 21 Aug 2020 13:50

Tgt Ion: 83 Resp: 277638

Ion Ratio Lower Upper

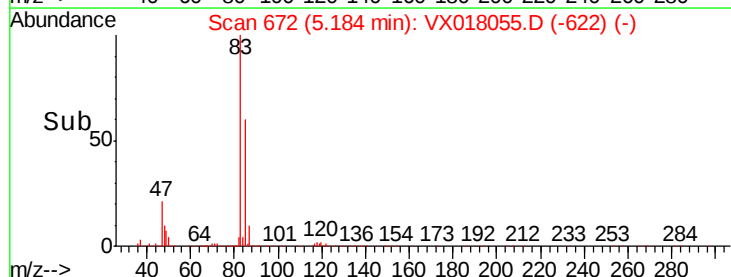
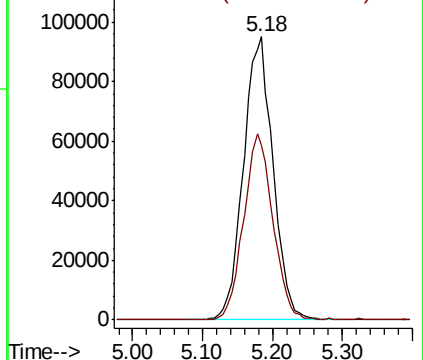
83 100

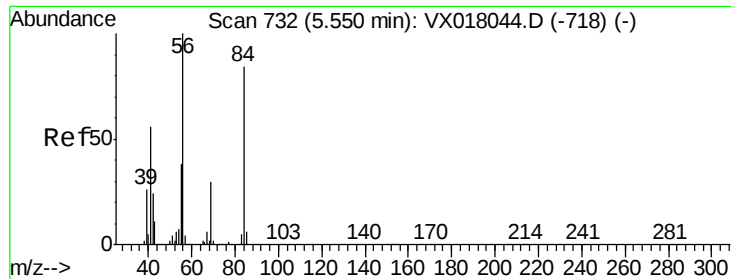
85 61.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

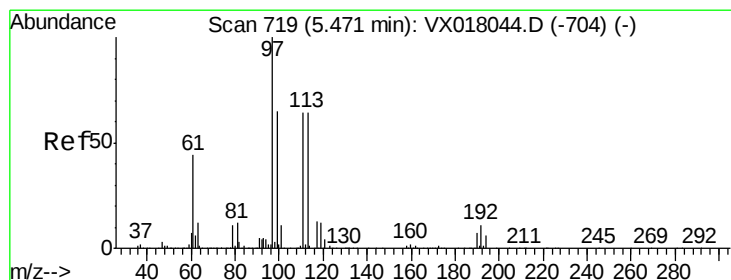
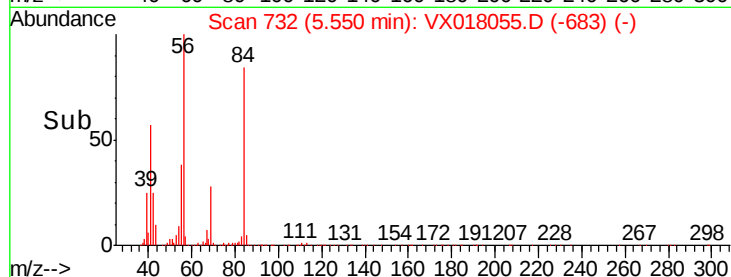
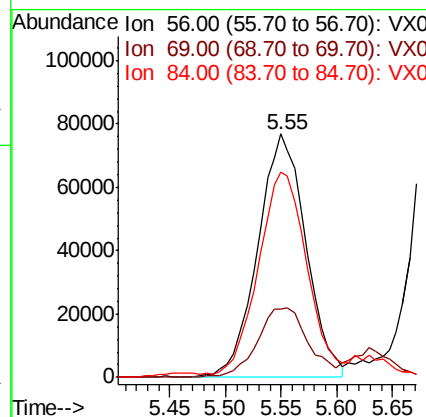
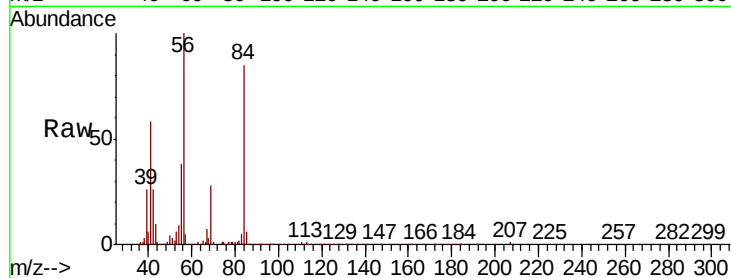




#31
Cyclohexane
Concen: 21.021 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

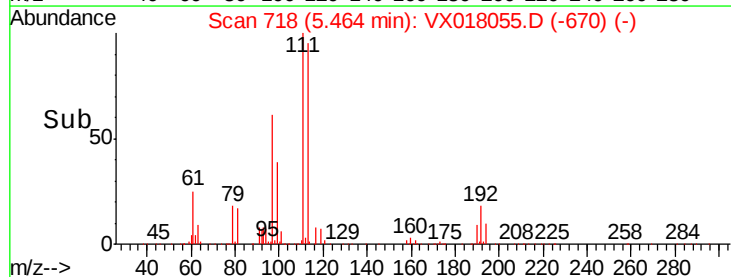
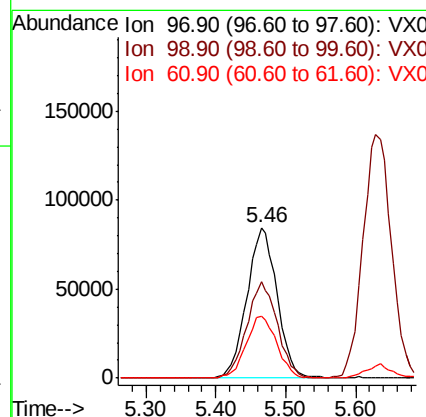
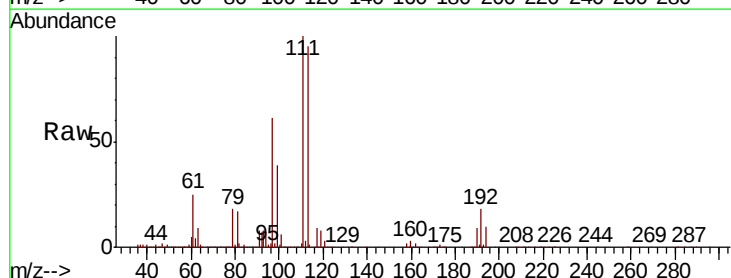
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

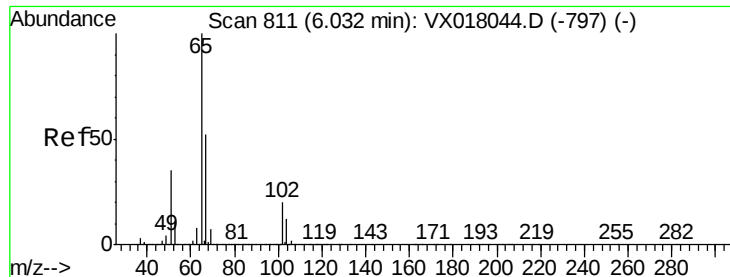
Tot Ion: 56 Resp: 229553
Ion Ratio Lower Upper
56 100
69 28.1 23.9 35.9
84 83.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 20.560 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 97 Resp: 253270
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 42.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 53.903 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

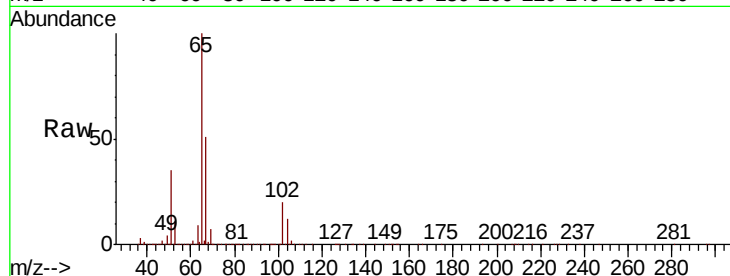
VX0821WBSD02

Tot Ion: 65 Resp: 491782

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

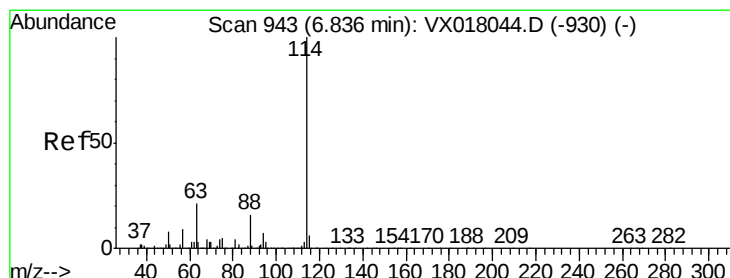
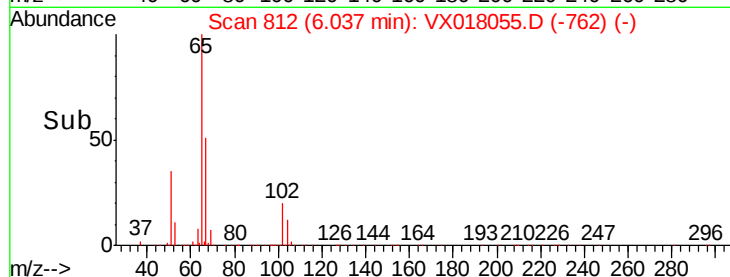
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

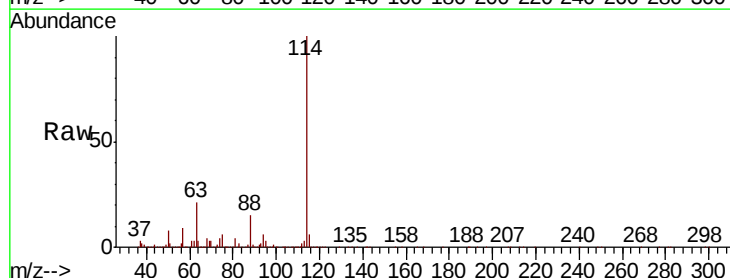
Tgt Ion: 114 Resp: 1067042

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 15.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

300000

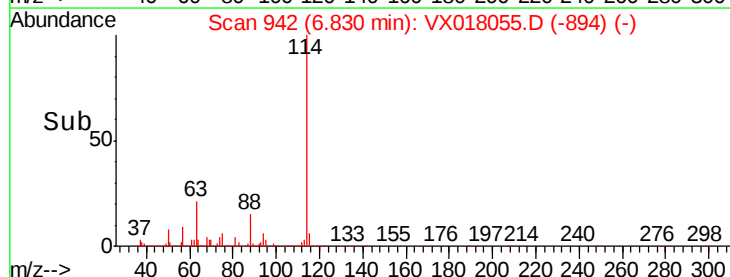
200000

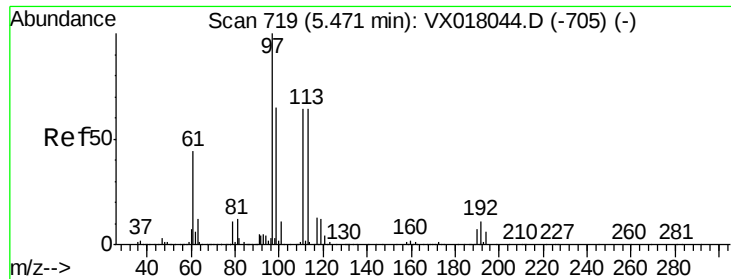
100000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

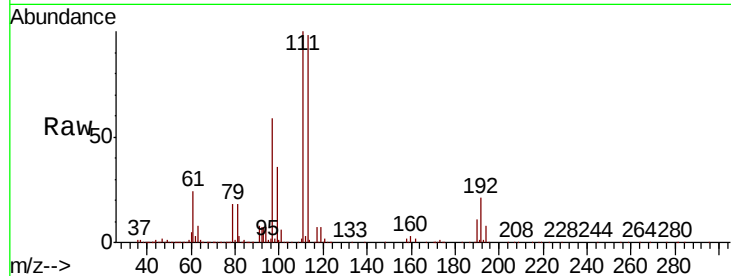
Tot Ion:113 Resp: 386768

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

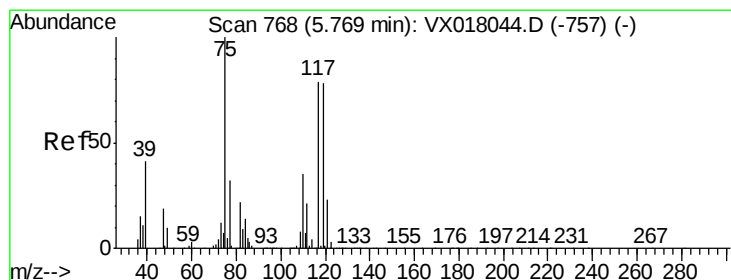
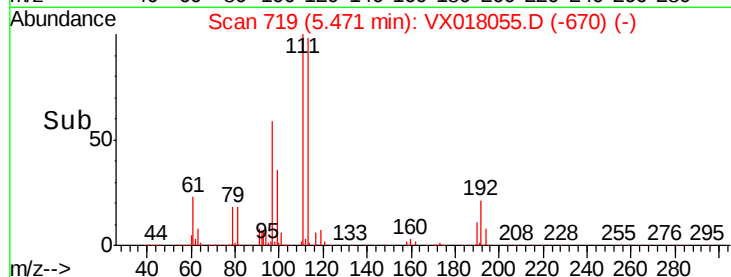
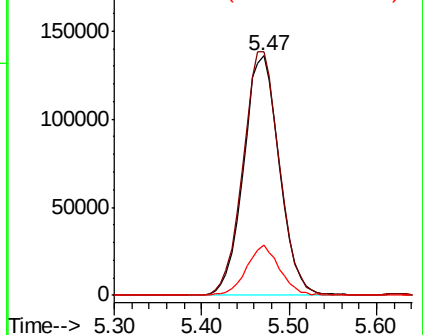
192 19.5 15.8 23.8



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: 20.562 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

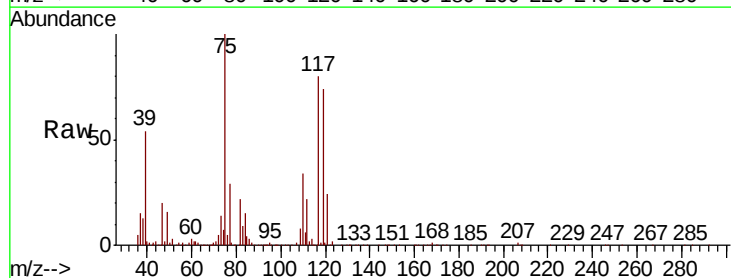
Tgt Ion: 75 Resp: 202367

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

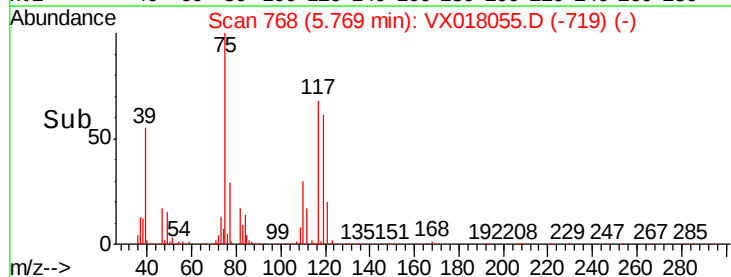
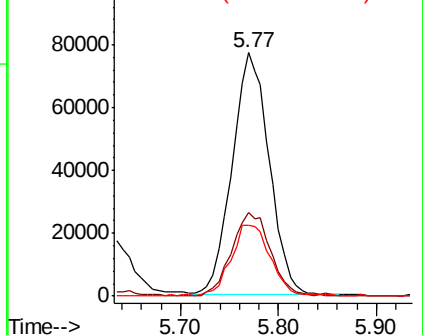
77 31.5 24.4 36.6

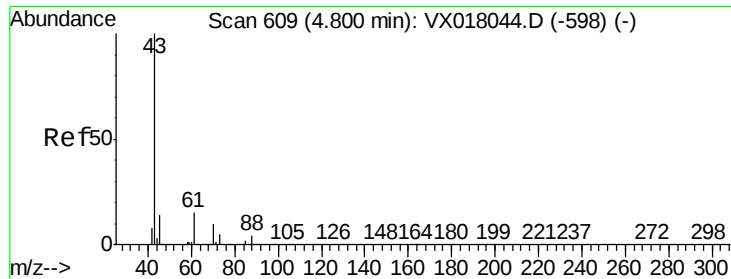


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

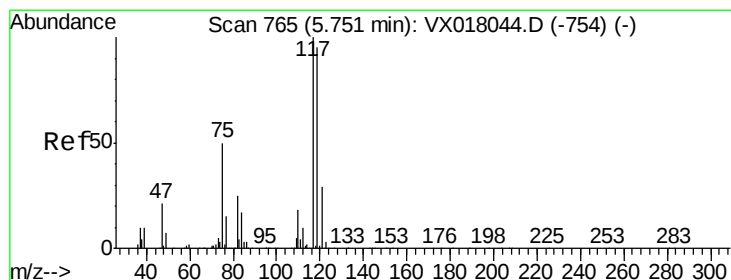
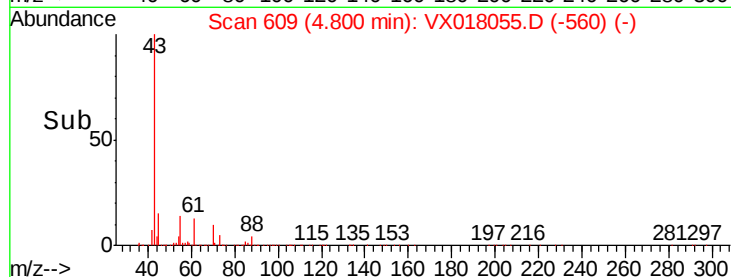
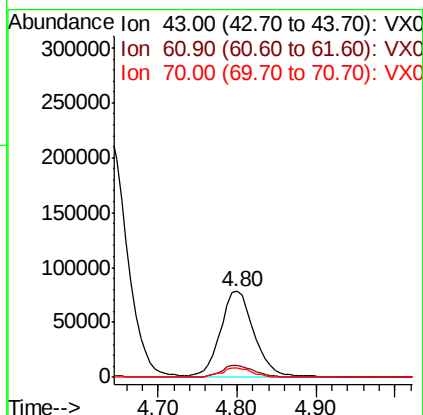
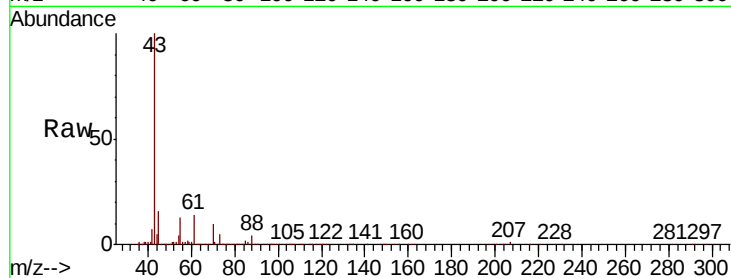




#37
Ethyl Acetate
Concen: 20.160 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

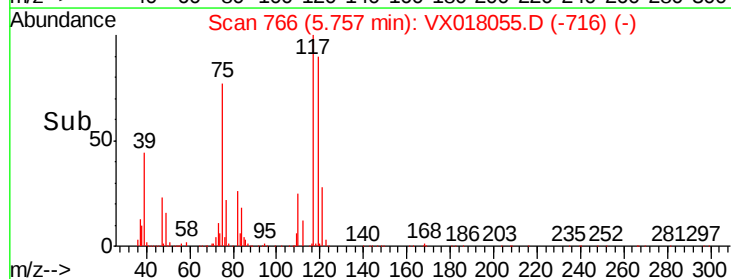
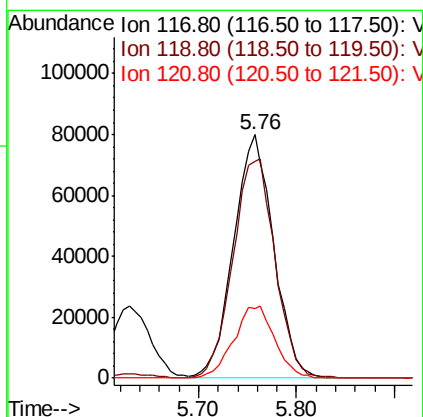
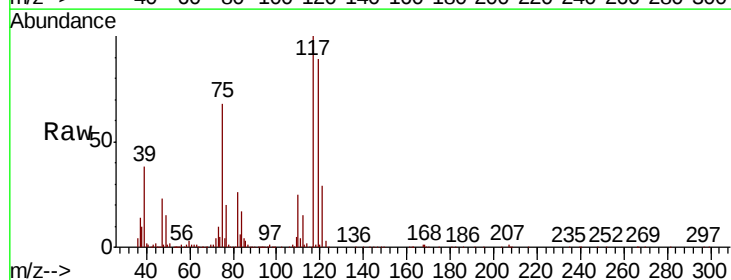
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

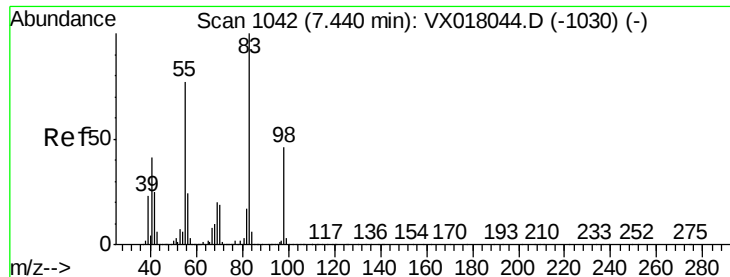
Tot Ion: 43 Resp: 230449
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.439 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 117 Resp: 226697
Ion Ratio Lower Upper
117 100
119 88.7 75.8 113.6
121 28.6 23.4 35.0

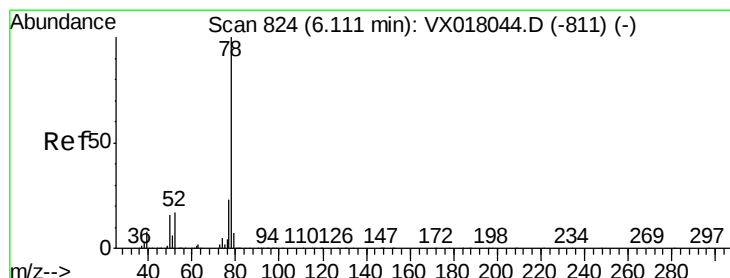
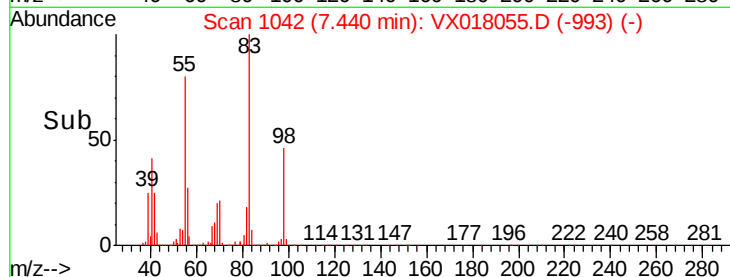
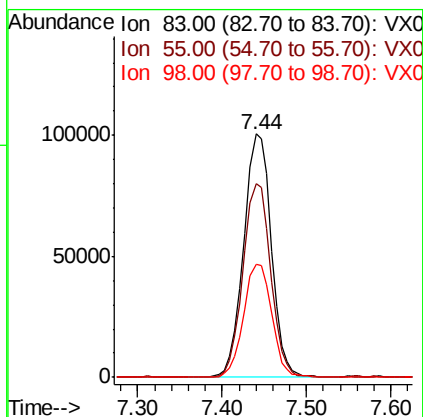
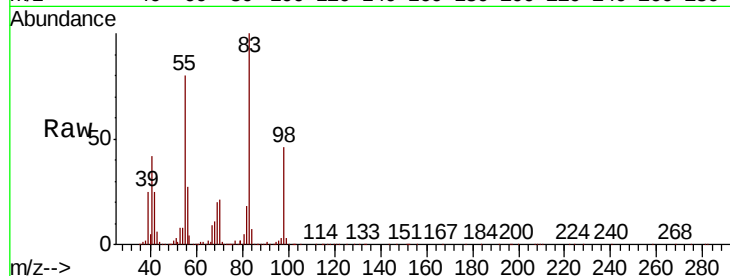




#39
Methvlcvclohexane
Concen: 20.597 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

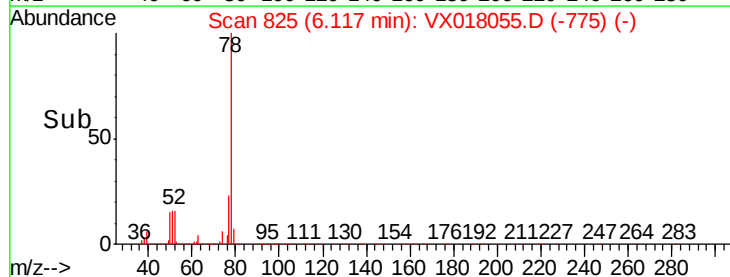
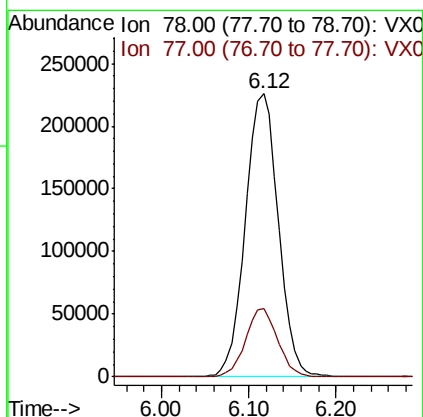
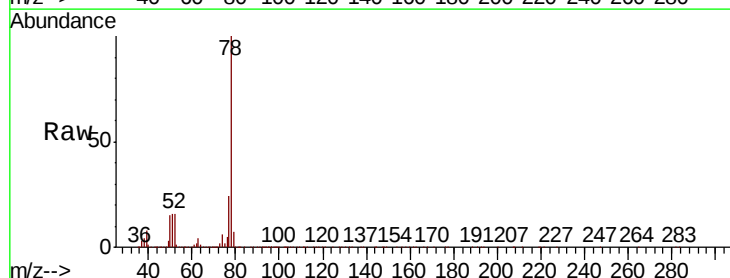
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

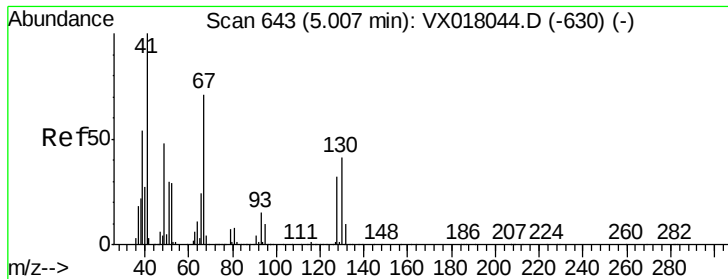
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.8	92.6
98	46.3	36.6	55.0



#40
Benzene
Concen: 20.516 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2





#41

Methacrylonitrile

Concen: 19.906 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleID :

VX0821WBSD02

Tot Ion: 41 Resp: 124934

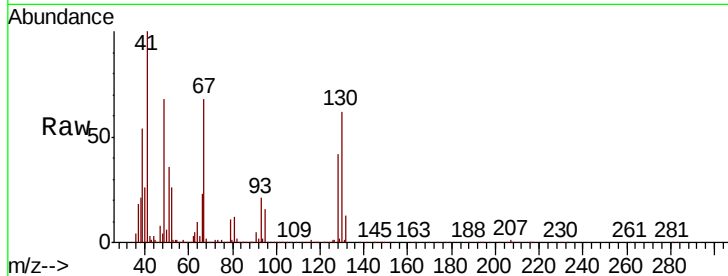
Ion Ratio Lower Upper

41 100

39 53.4 43.1 64.7

67 69.9 56.0 84.0

52 26.8 22.7 34.1

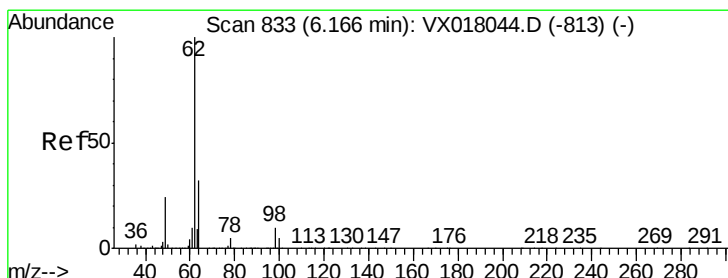
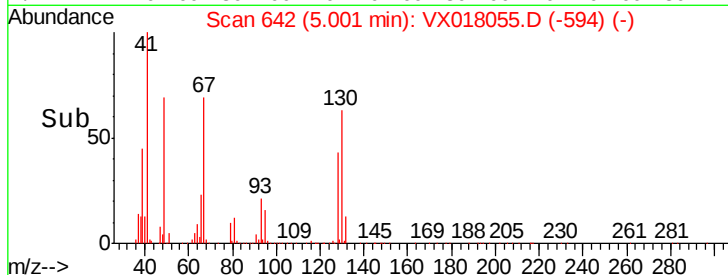
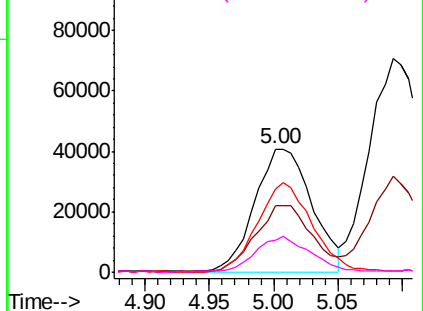


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.632 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018055.D

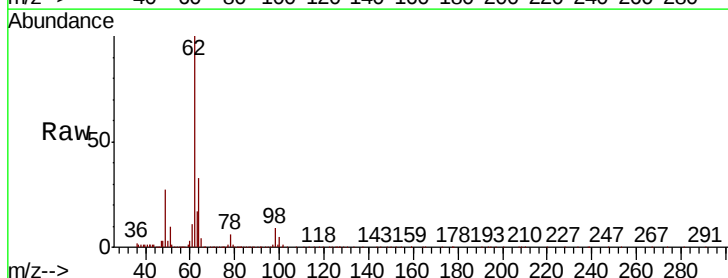
Acq: 21 Aug 2020 13:50

Tgt Ion: 62 Resp: 228599

Ion Ratio Lower Upper

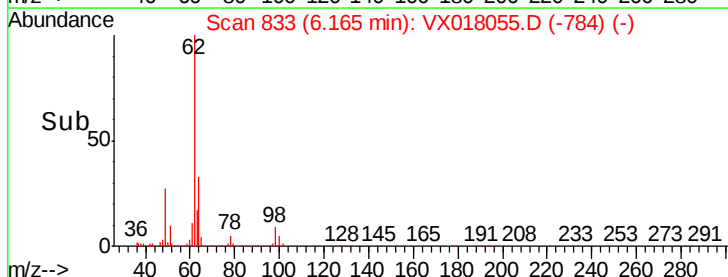
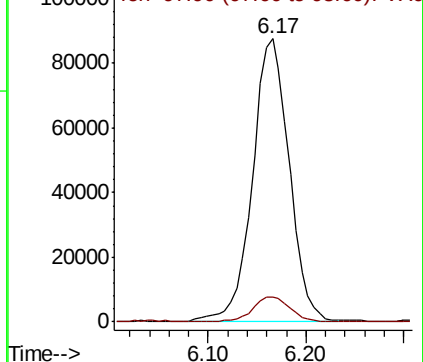
62 100

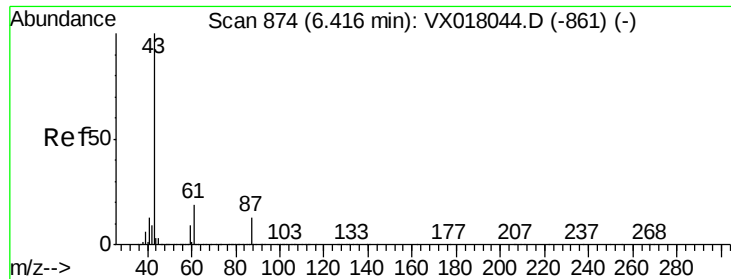
98 9.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

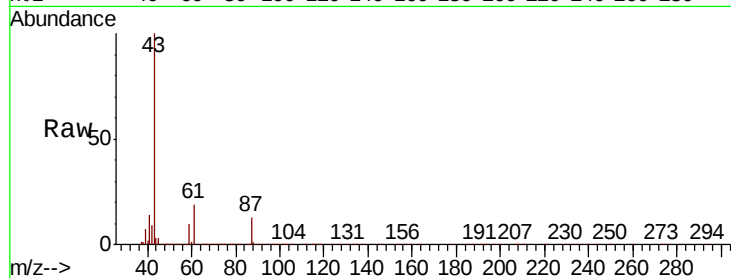




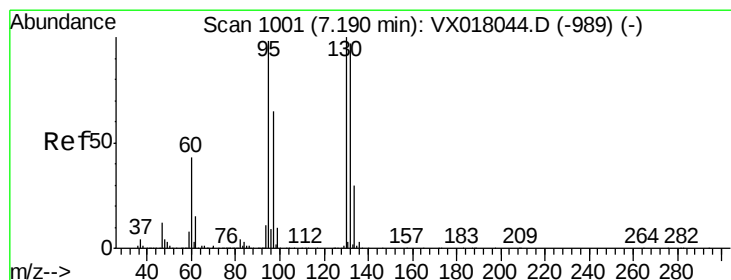
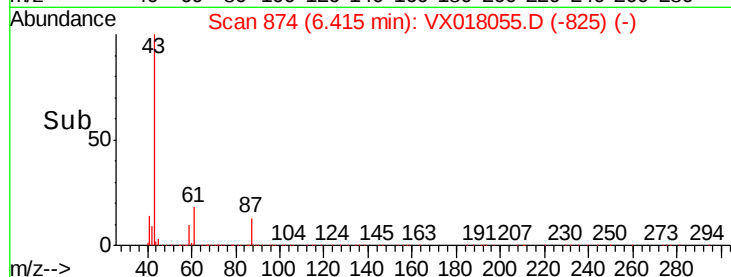
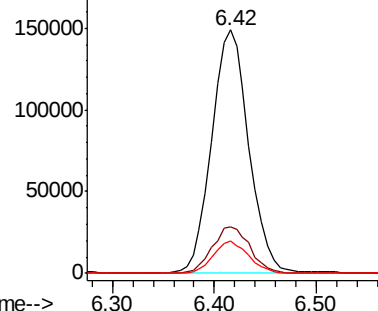
#43
Isopropyl Acetate
Concen: 20.282 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion: 43 Resp: 374460
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 12.8 10.3 15.5

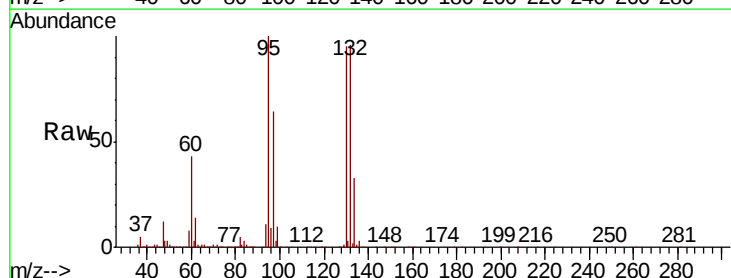


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

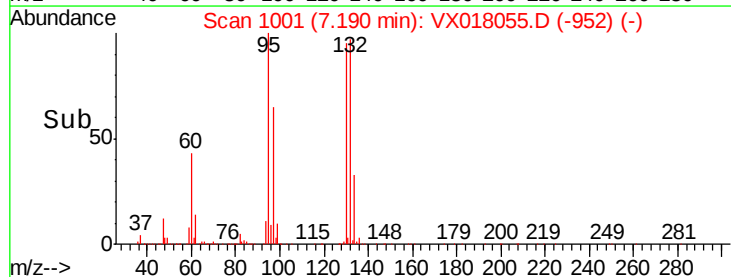
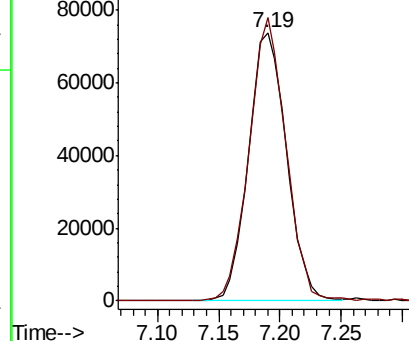


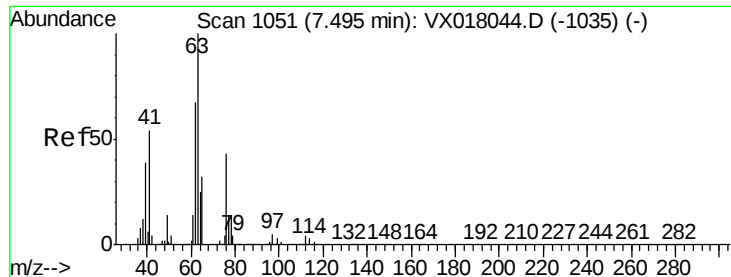
#44
Trichloroethene
Concen: 19.589 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:130 Resp: 160068
Ion Ratio Lower Upper
130 100
95 105.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

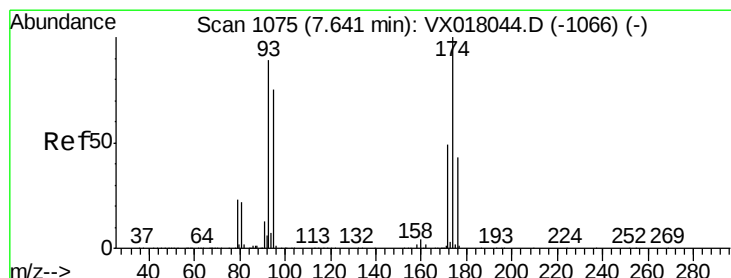
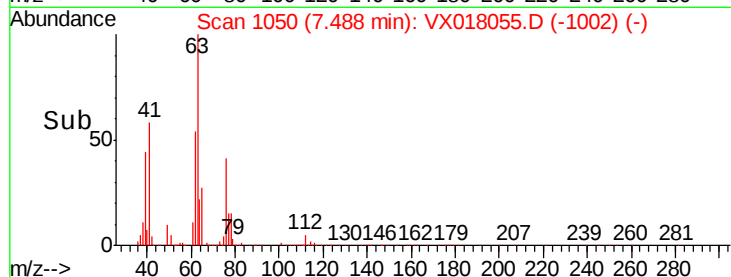
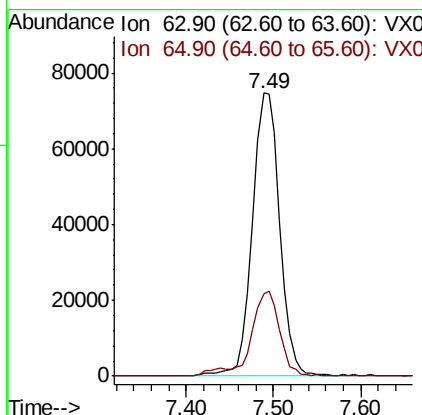
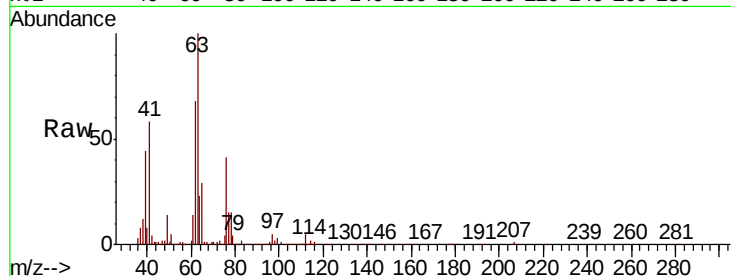




#45
 1,2-Dichloropropane
 Concen: 20.629 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

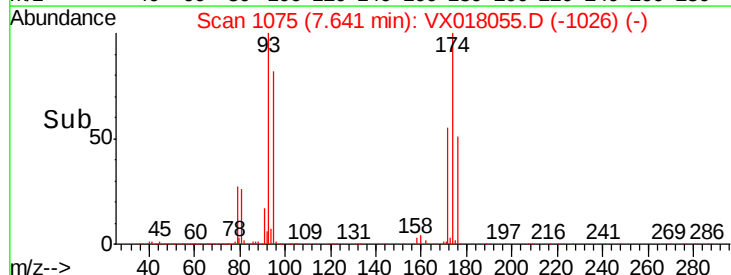
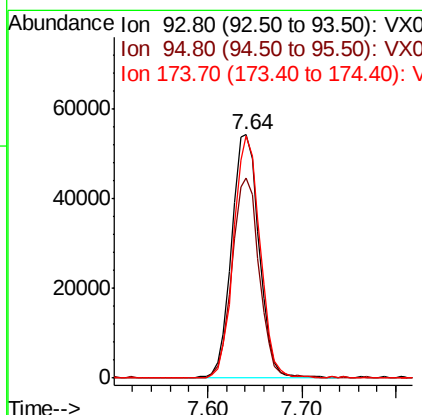
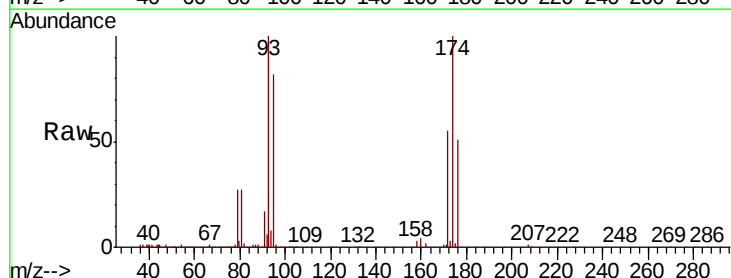
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

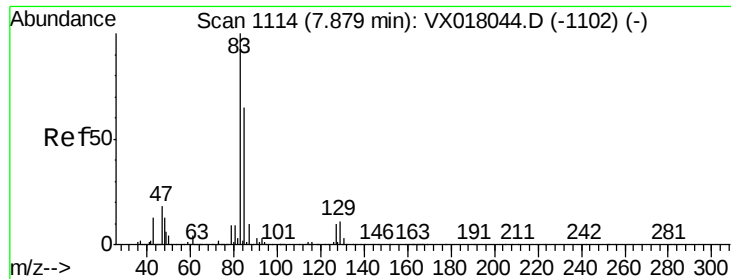
Tot Ion: 63 Resp: 160784
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.7 38.5



#46
 Dibromomethane
 Concen: 20.197 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion: 93 Resp: 110702
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.3 100.9
 174 95.1 82.2 123.2





#47

Bromodichloromethane

Concen: 20.189 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

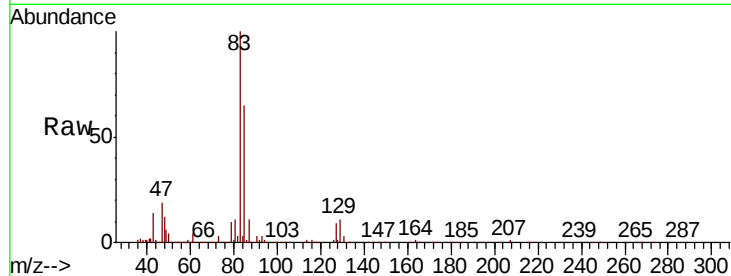
Tot Ion: 83 Resp: 220949

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

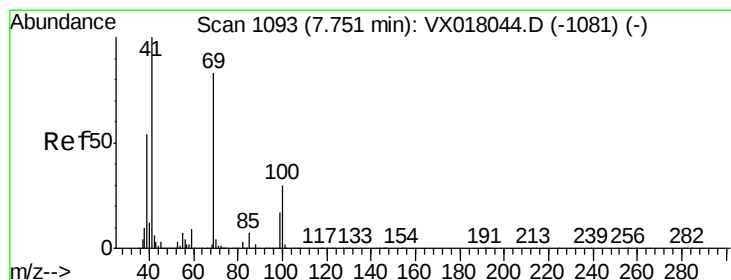
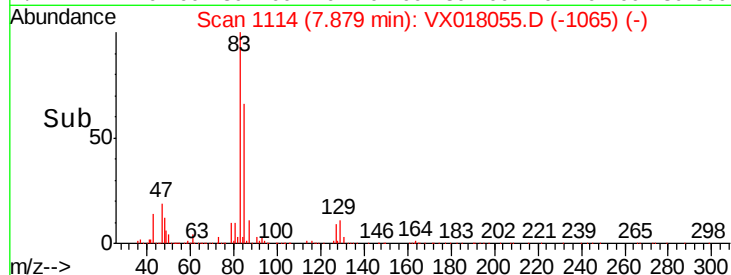
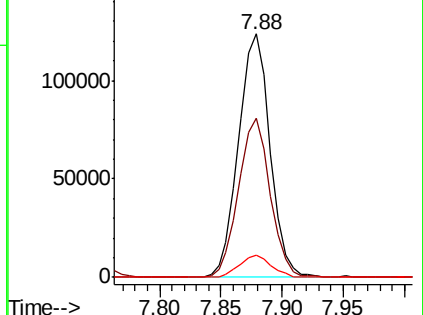
127 9.2 7.7 11.5



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: 19.624 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

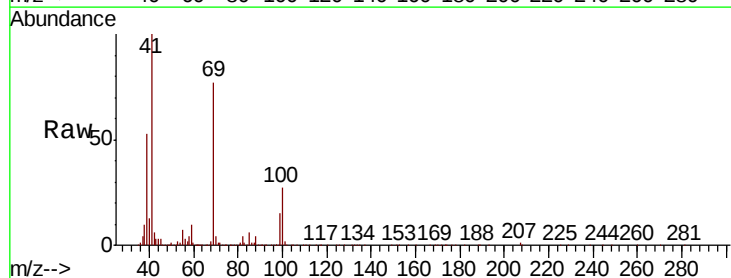
Tgt Ion: 41 Resp: 180365

Ion Ratio Lower Upper

41 100

69 81.1 65.5 98.3

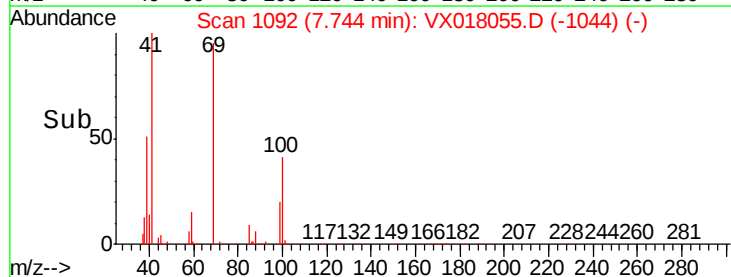
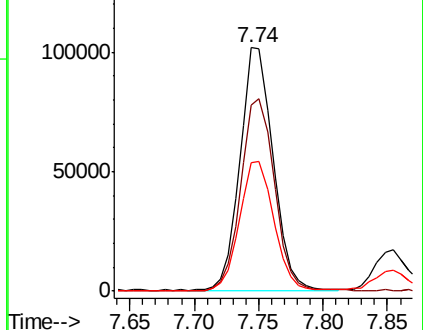
39 55.5 44.5 66.7

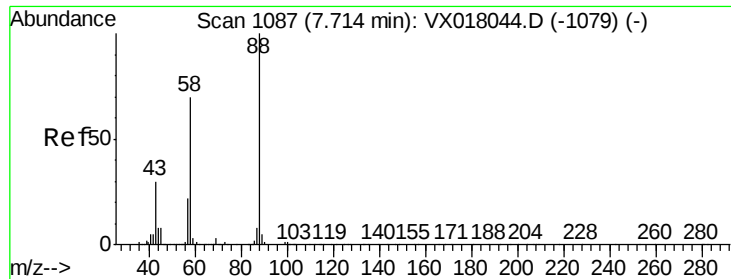


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 375.596 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

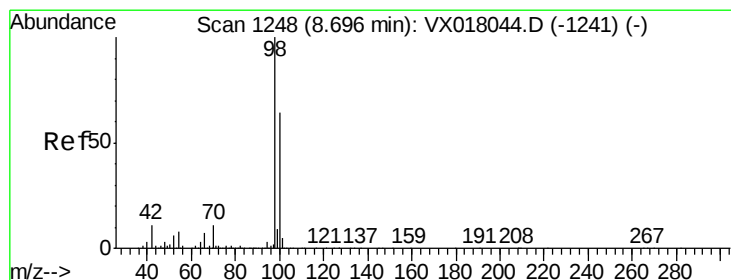
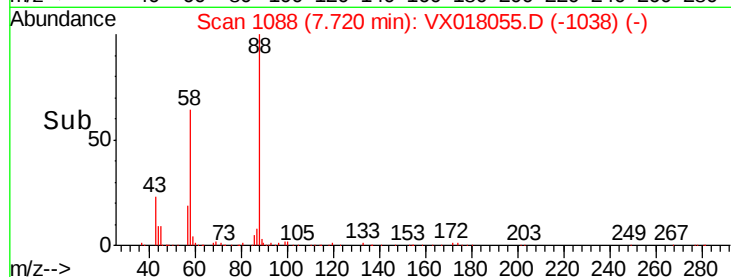
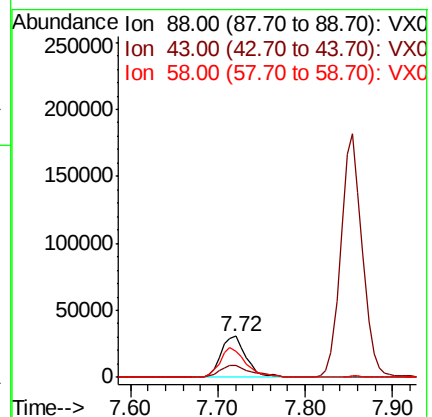
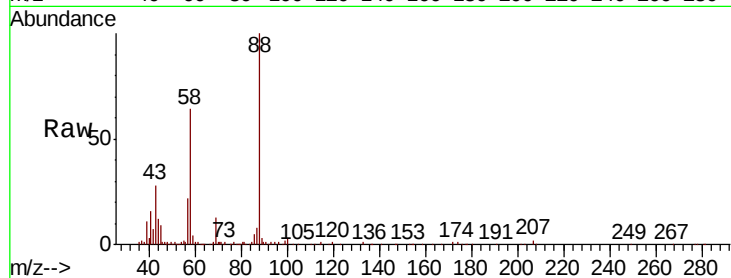
Tot Ion: 88 Resp: 62531

Ion Ratio Lower Upper

88 100

43 33.1 27.4 41.0

58 74.5 56.4 84.6



#50

Toluene-d8

Concen: 52.506 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018055.D

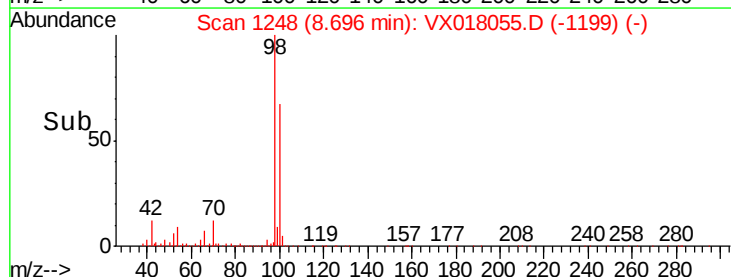
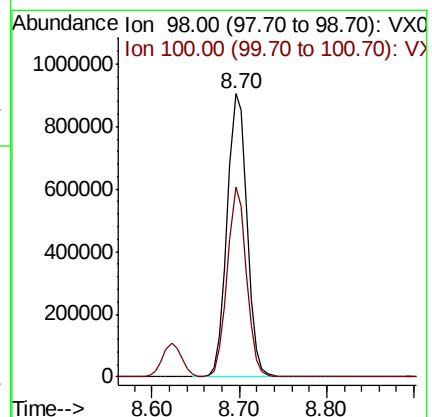
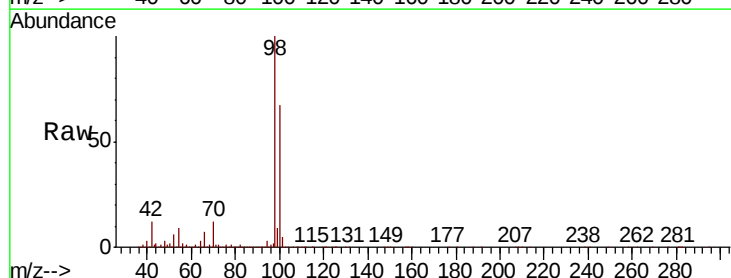
Acq: 21 Aug 2020 13:50

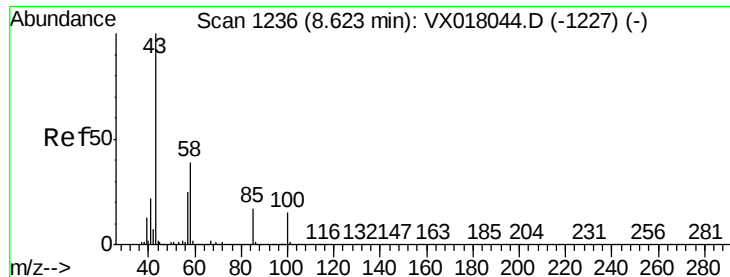
Tgt Ion: 98 Resp: 1421161

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 101.264 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

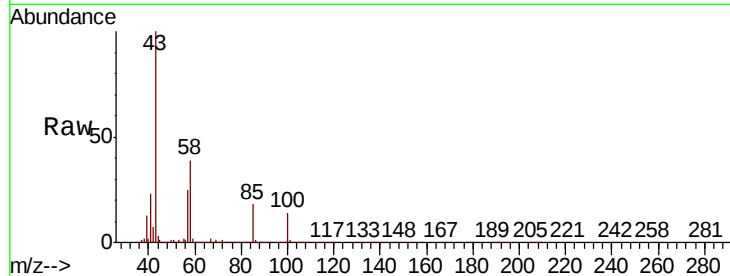
VX0821WBSD02

Tot Ion: 43 Resp: 1154870

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

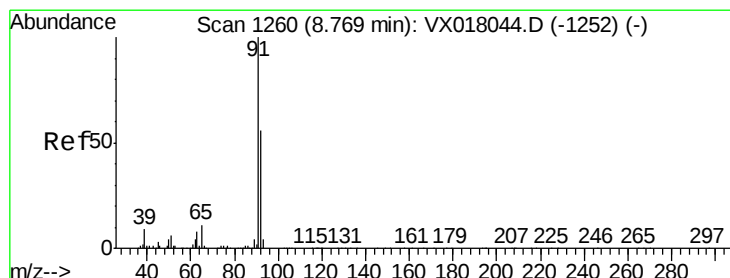
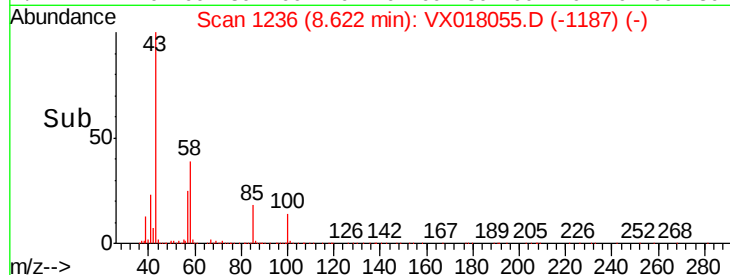
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.306 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018055.D

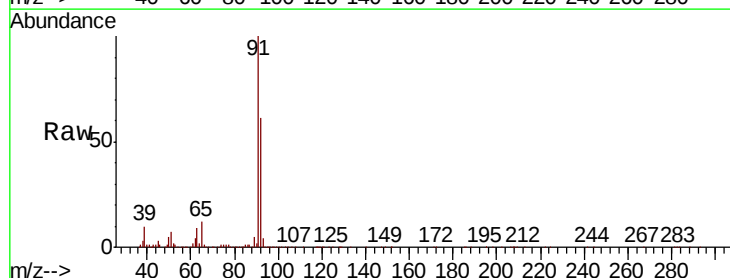
Acq: 21 Aug 2020 13:50

Tgt Ion: 92 Resp: 372371

Ion Ratio Lower Upper

92 100

91 170.5 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

400000

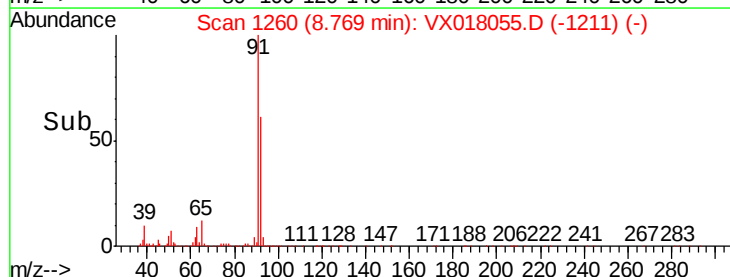
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.317 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

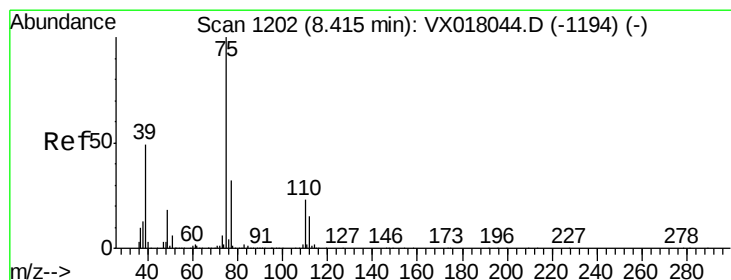
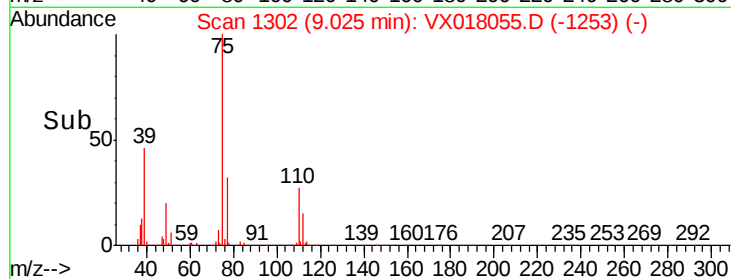
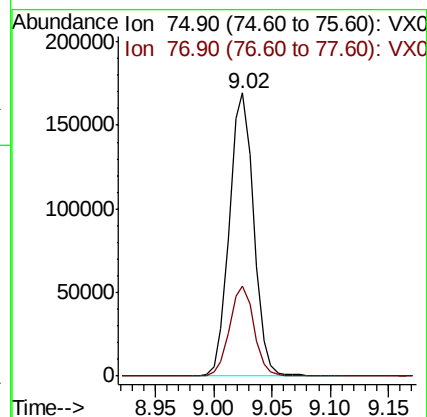
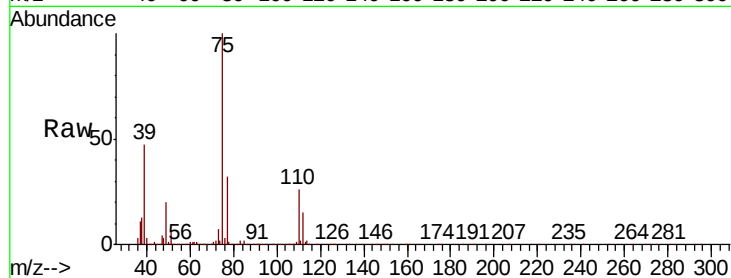
VX0821WBSD02

Tot Ion: 75 Resp: 246428

Ion Ratio Lower Upper

75 100

77 32.0 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 20.433 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

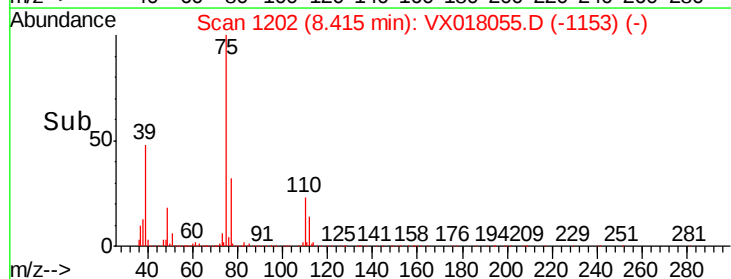
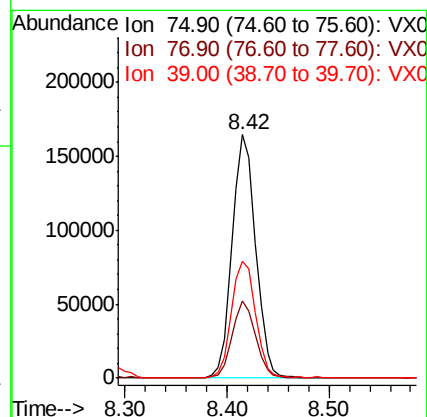
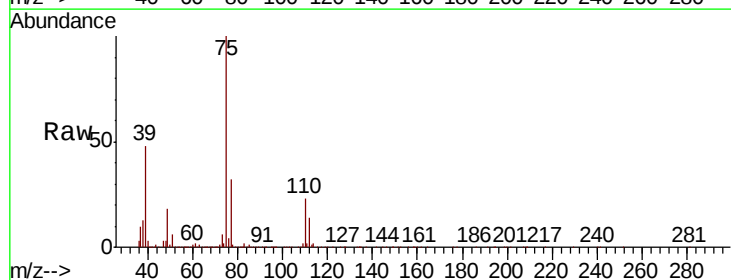
Tgt Ion: 75 Resp: 262536

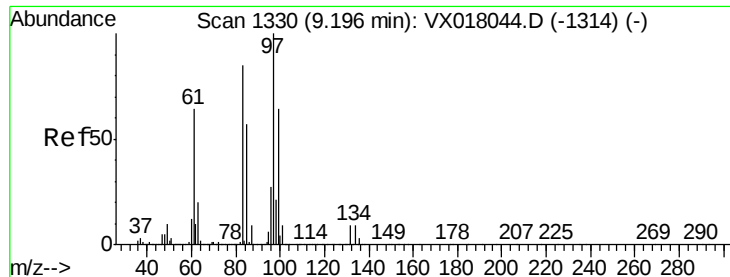
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 47.6 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.711 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 97 Resp: 154154

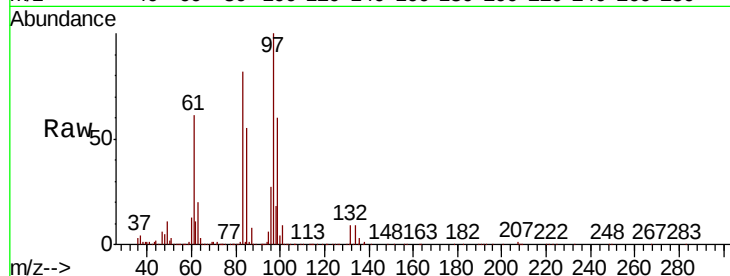
Ion Ratio Lower Upper

97 100

83 81.6 67.8 101.6

85 55.2 45.3 67.9

99 60.2 50.9 76.3

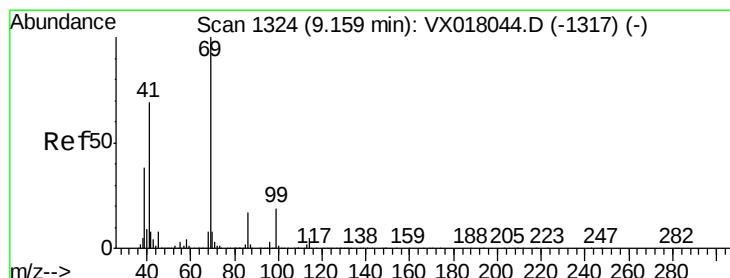
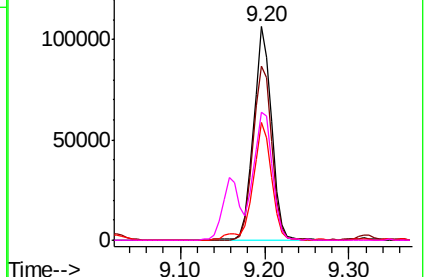
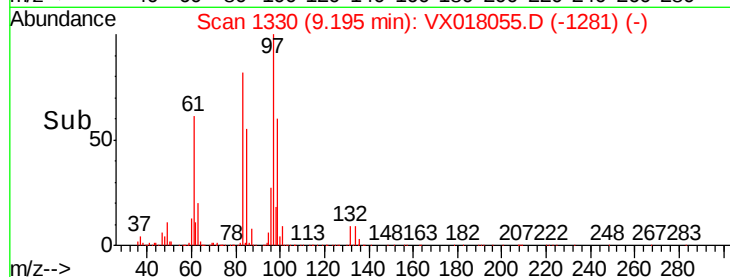


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.929 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

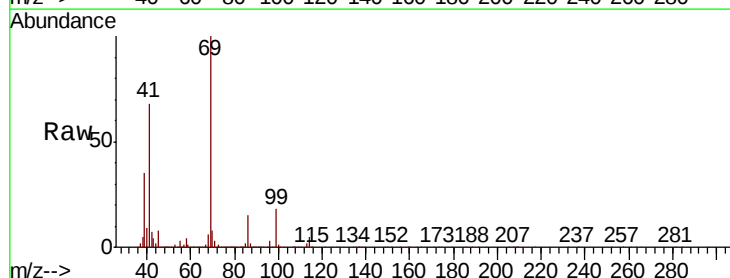
Tgt Ion: 69 Resp: 231700

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

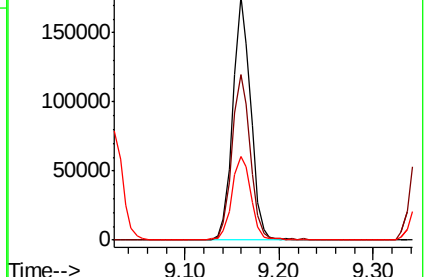
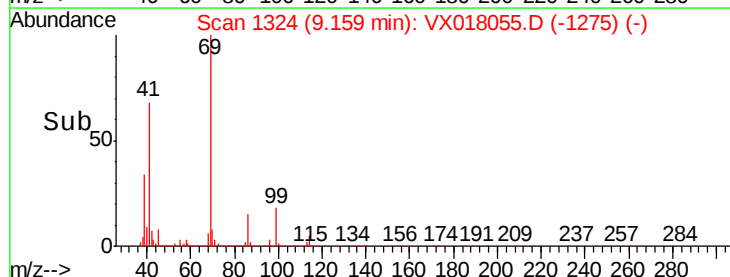
39 36.3 29.1 43.7

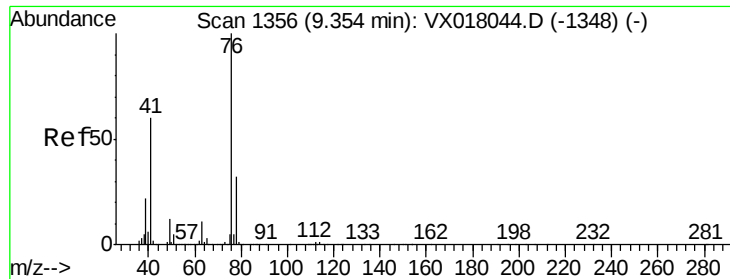


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.234 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

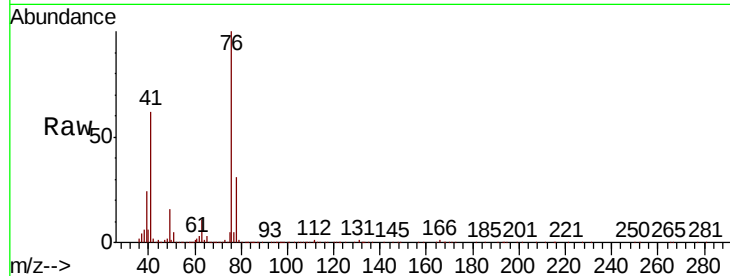
VX0821WBSD02

Tot Ion: 76 Resp: 261009

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

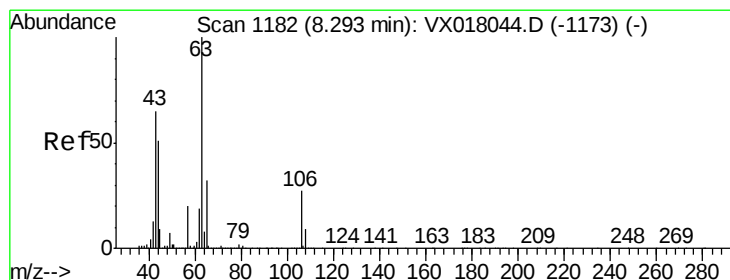
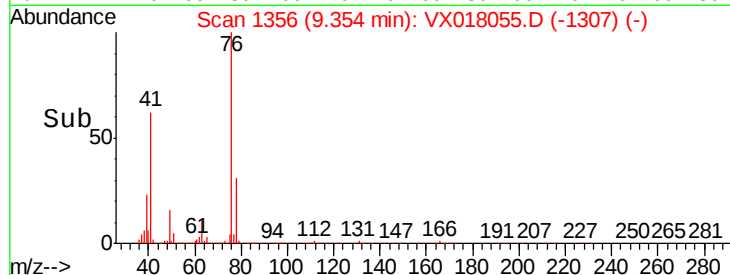
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.682 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018055.D

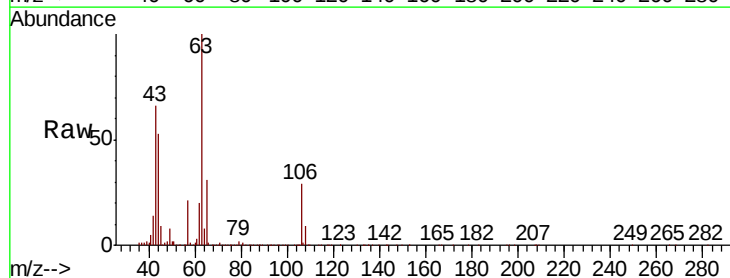
Acq: 21 Aug 2020 13:50

Tgt Ion: 63 Resp: 537039

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

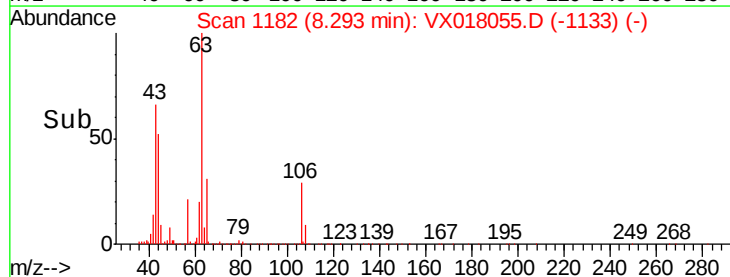
300000

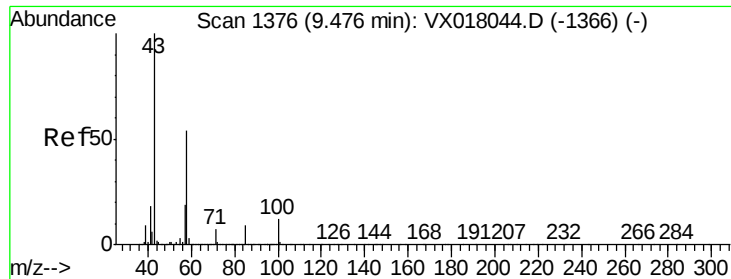
200000

100000

0

Time-->

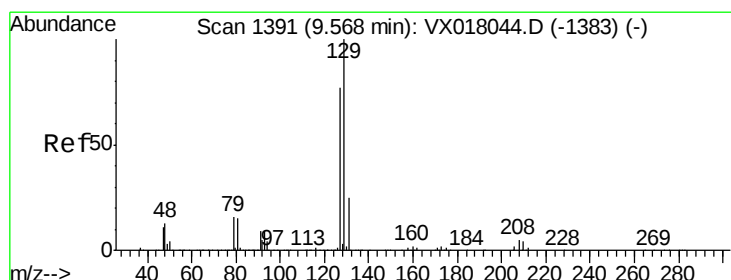
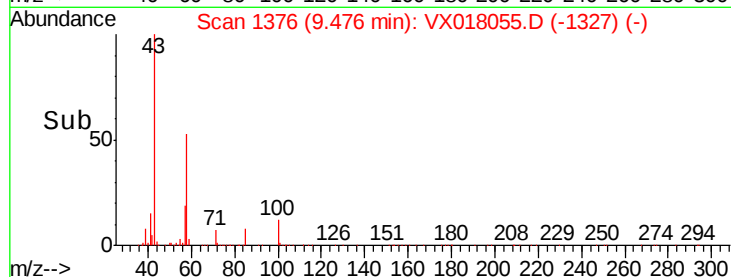
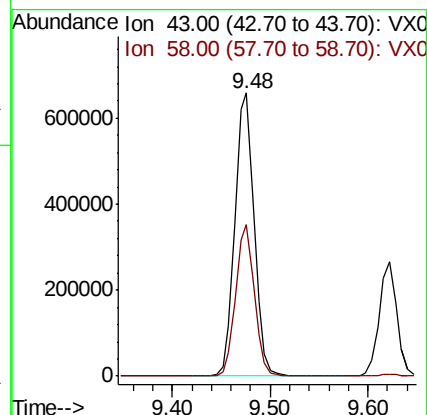
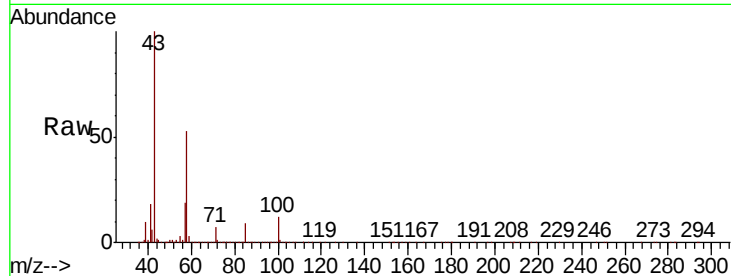




#59
2-Hexanone
Concen: 103.660 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

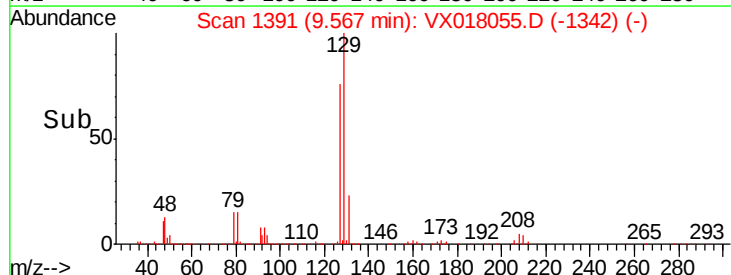
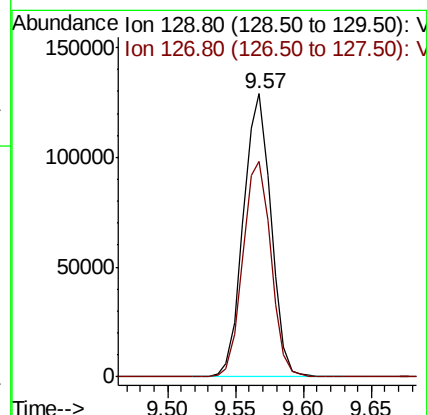
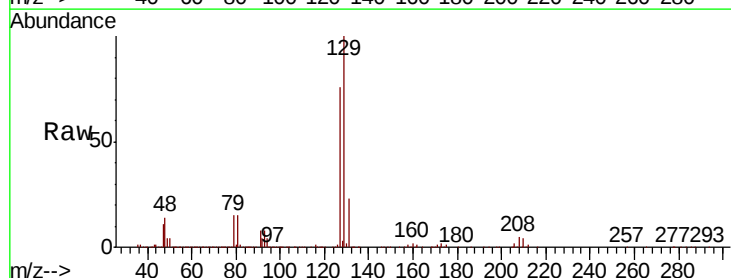
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

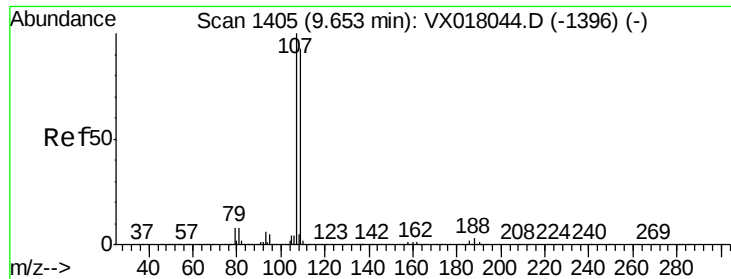
Tot Ion: 43 Resp: 898925
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 129 Resp: 182913
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.170 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

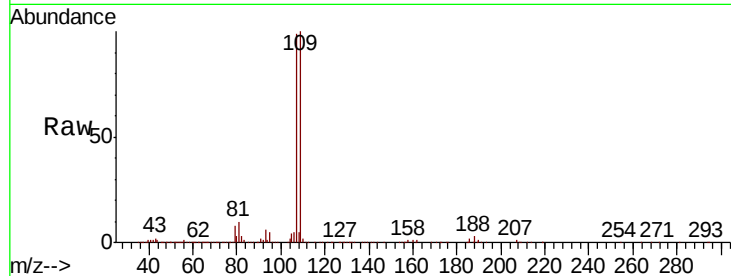
VX0821WBSD02

Tot Ion:107 Resp: 162771

Ion Ratio Lower Upper

107 100

109 96.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

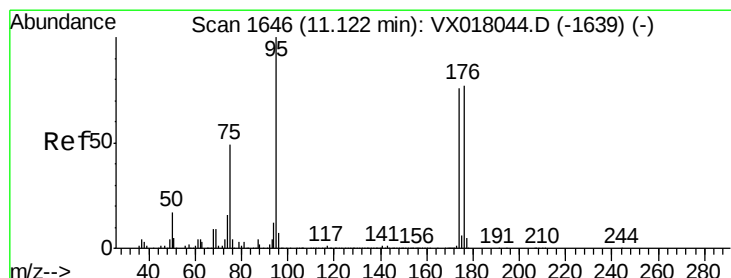
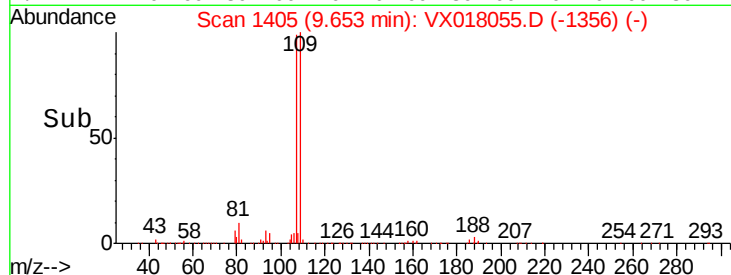
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.071 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

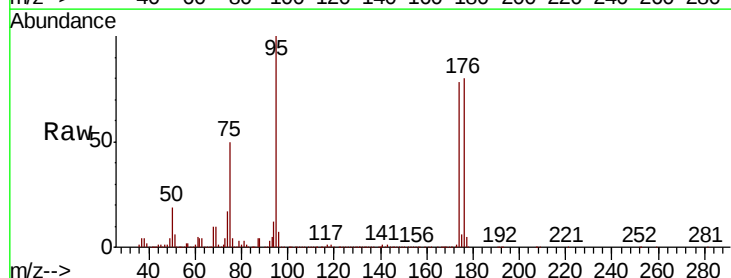
Tgt Ion: 95 Resp: 554507

Ion Ratio Lower Upper

95 100

174 77.0 0.0 160.2

176 76.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

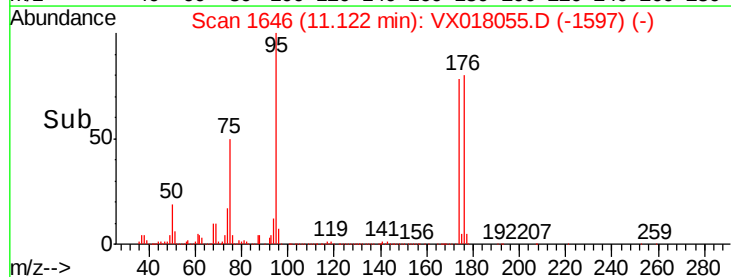
300000

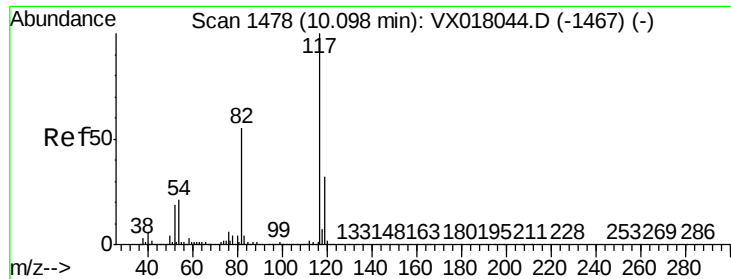
200000

100000

0

Time-->

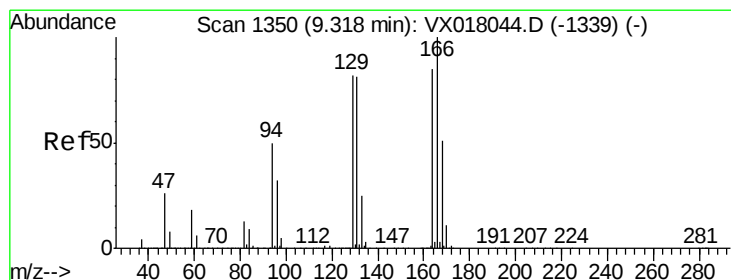
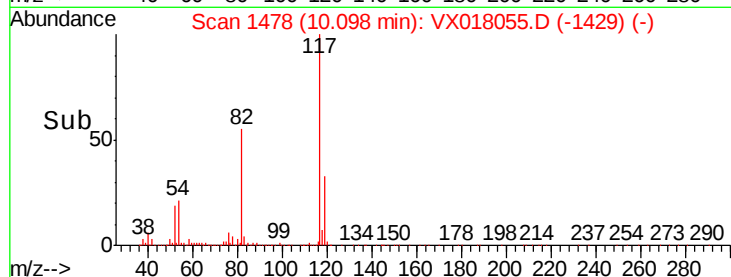
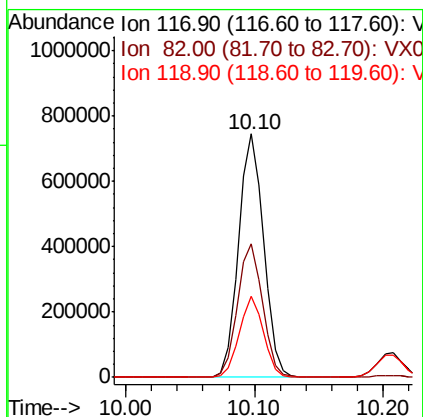
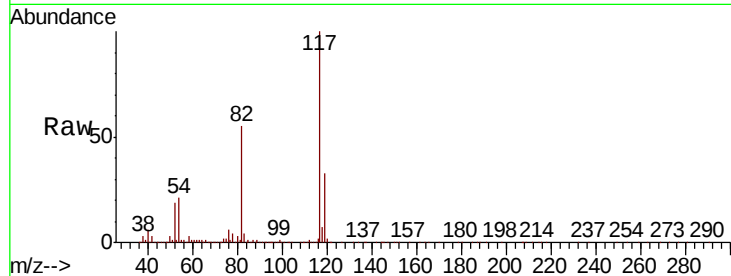




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

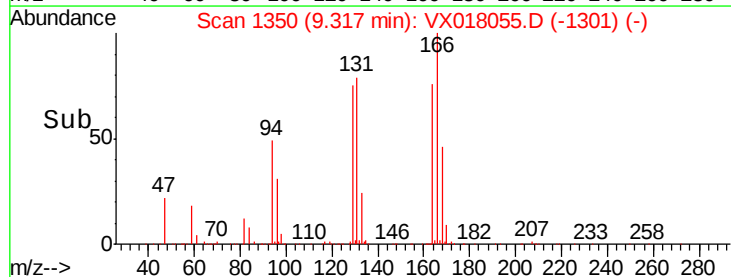
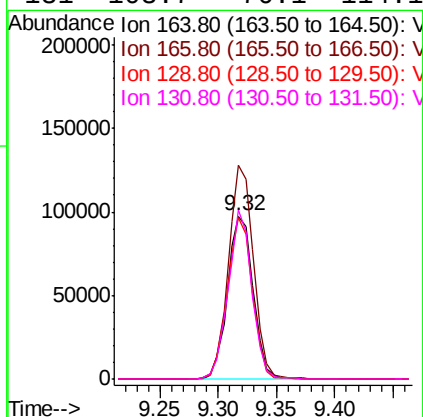
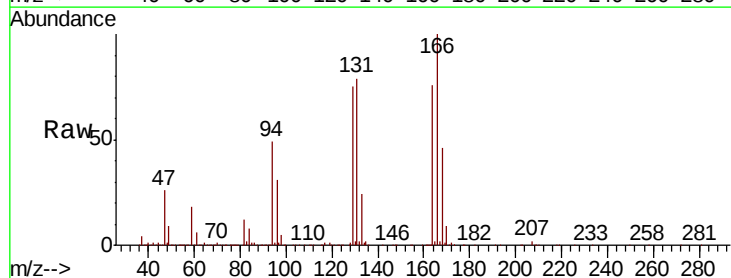
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

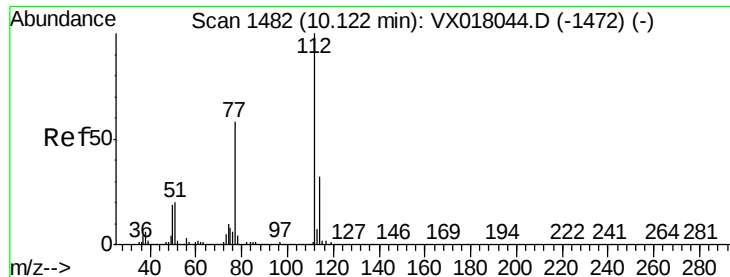
Tot Ion:117 Resp: 1002980
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 20.173 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:164 Resp: 148683
Ion Ratio Lower Upper
164 100
166 131.2 94.2 141.2
129 98.8 76.9 115.3
131 103.7 76.1 114.1

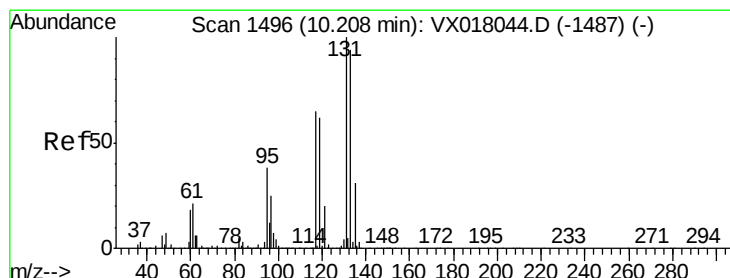
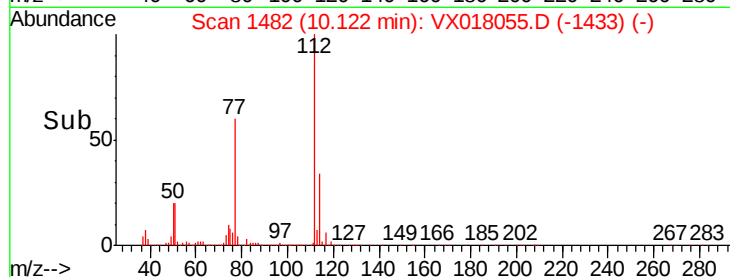
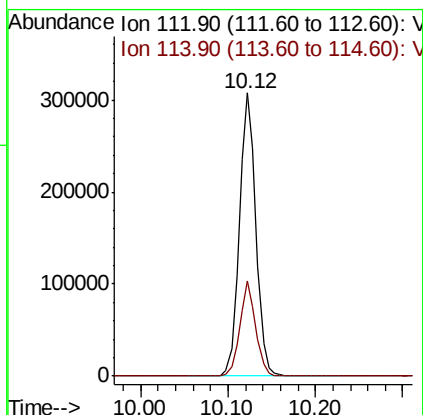
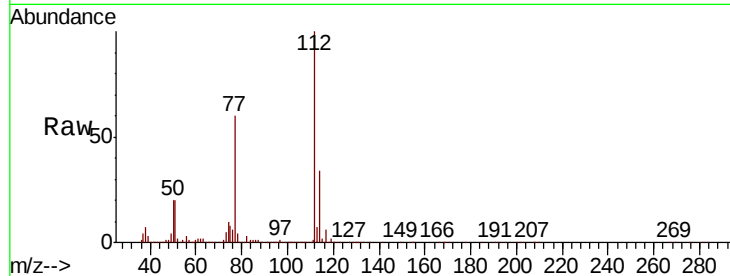




#65
Chlorobenzene
Concen: 20.247 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

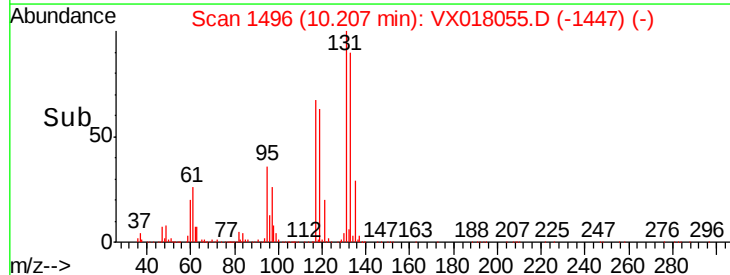
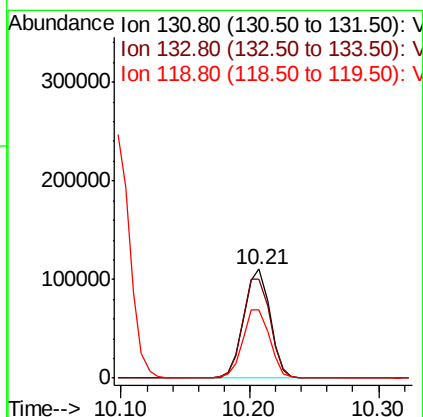
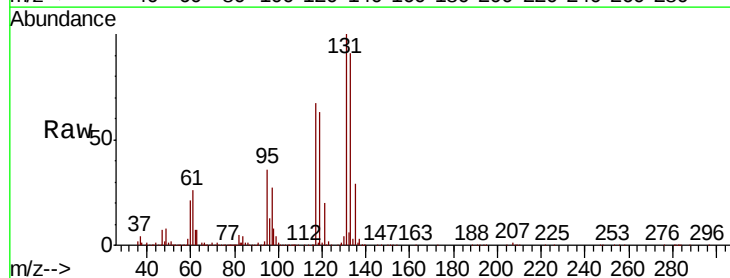
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

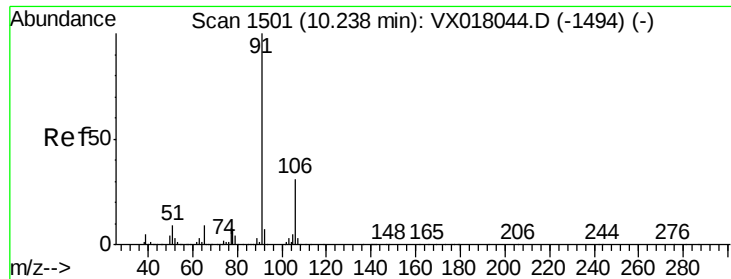
Tot Ion:112 Resp: 405586
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.564 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:131 Resp: 154458
Ion Ratio Lower Upper
131 100
133 96.7 46.7 140.1
119 65.4 31.8 95.4





#67

Ethyl Benzene

Concen: 20.872 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleID :

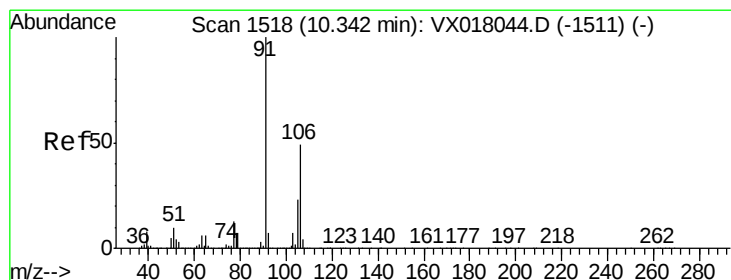
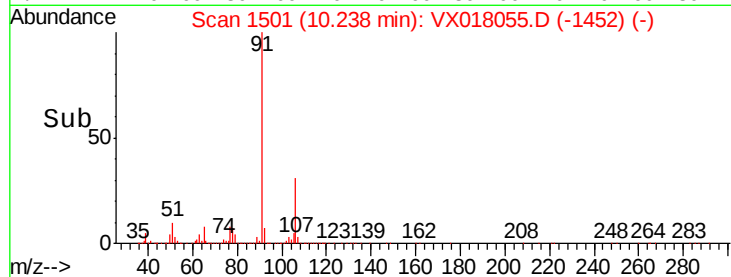
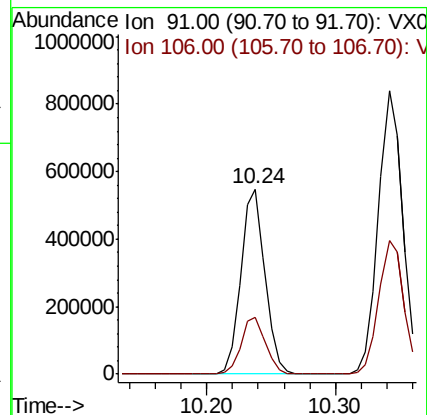
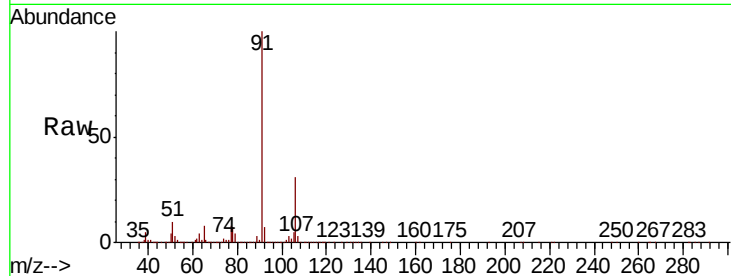
VX0821WBSD02

Tot Ion: 91 Resp: 711034

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 41.318 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018055.D

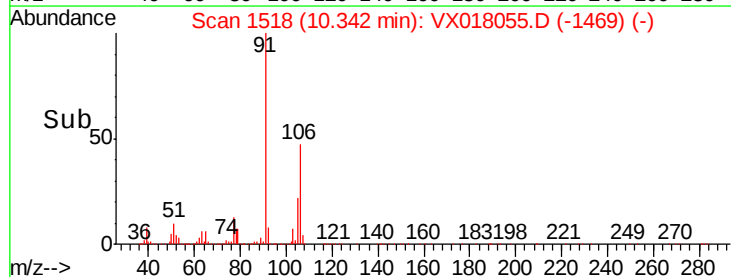
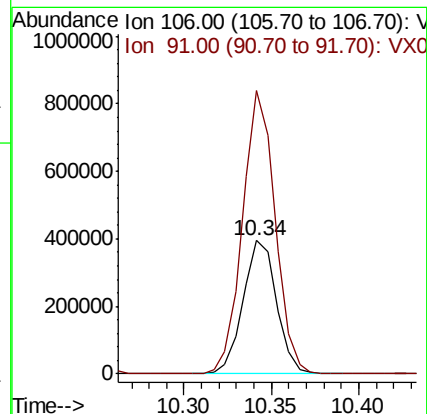
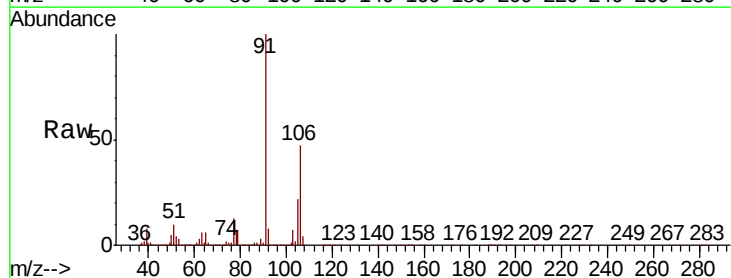
Acq: 21 Aug 2020 13:50

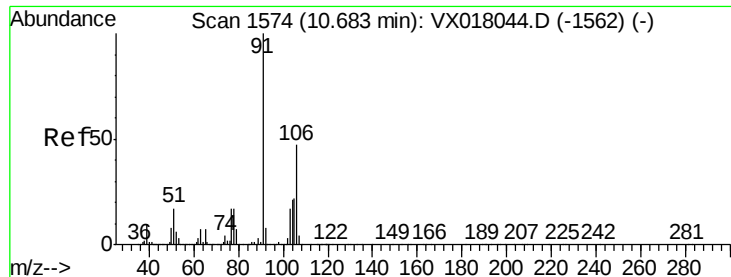
Tgt Ion:106 Resp: 525355

Ion Ratio Lower Upper

106 100

91 207.2 162.2 243.2

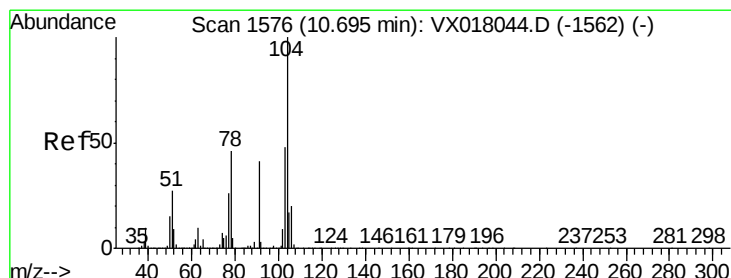
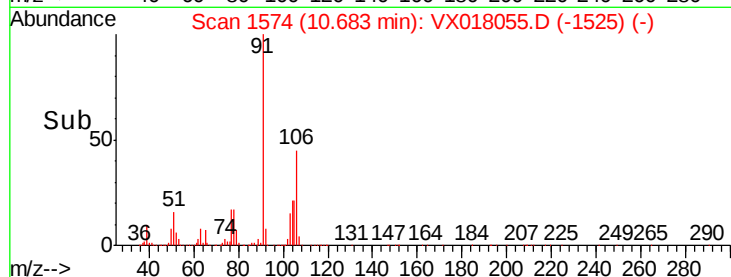
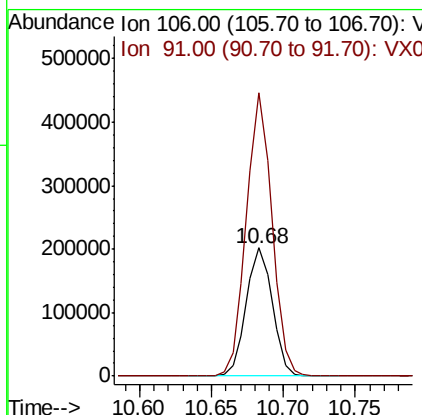
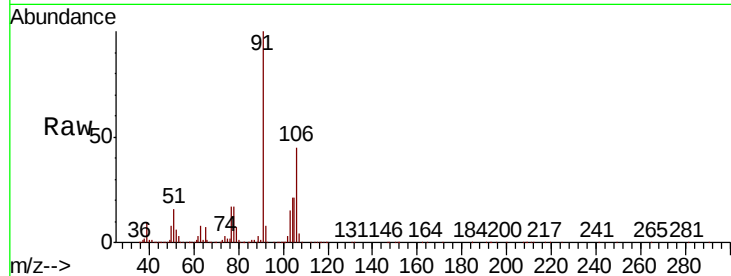




#69
o-Xylene
Concen: 20.665 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

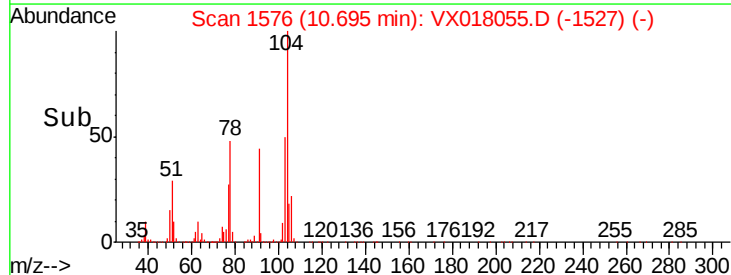
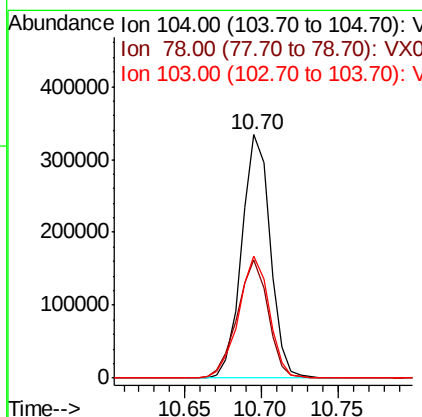
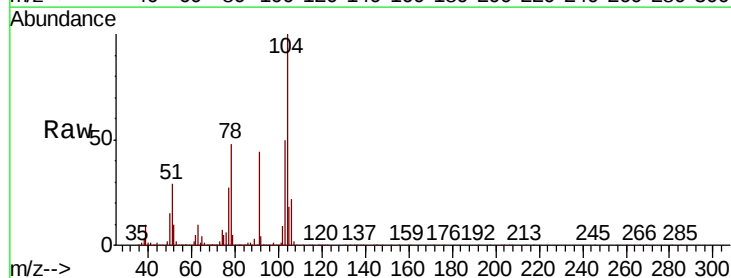
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

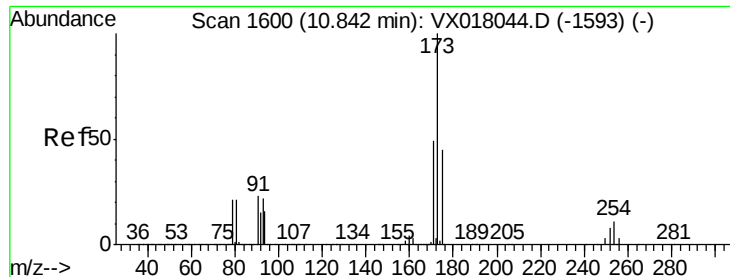
Tot Ion:106 Resp: 254712
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.3



#70
Styrene
Concen: 20.680 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:104 Resp: 434096
Ion Ratio Lower Upper
104 100
78 52.8 40.9 61.3
103 54.0 43.6 65.4

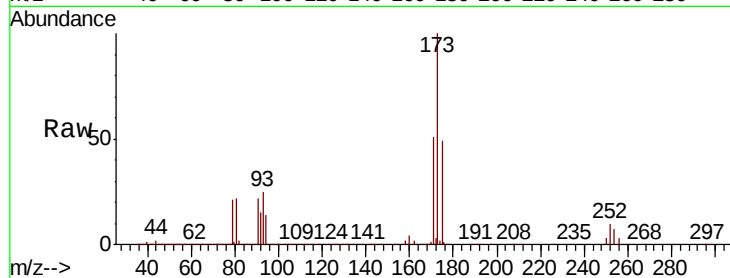




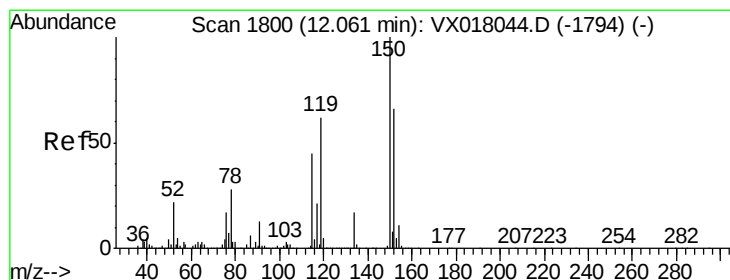
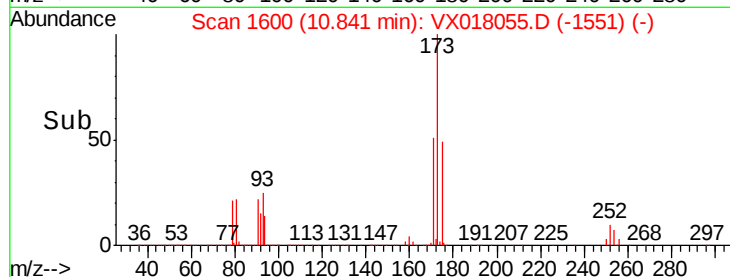
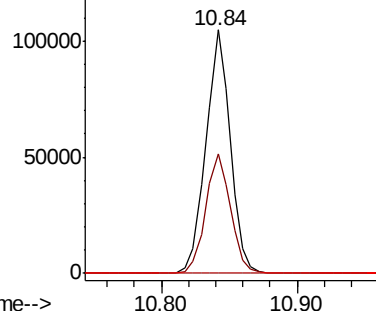
#71
Bromoform
Concen: 19.336 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:173 Resp: 130212
Ion Ratio Lower Upper
173 100
175 50.0 23.9 71.8
254 0.2 0.2 0.2#

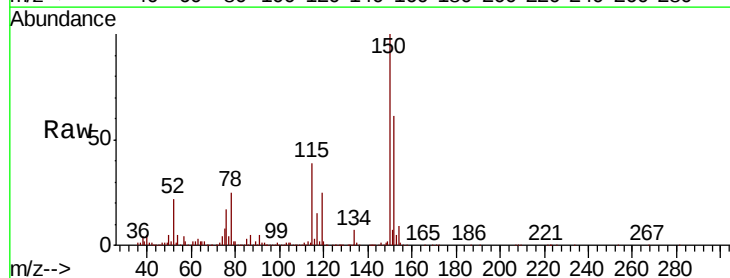


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

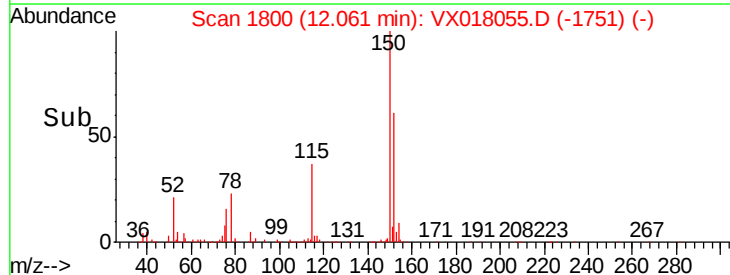
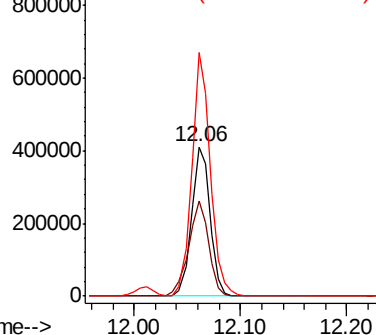


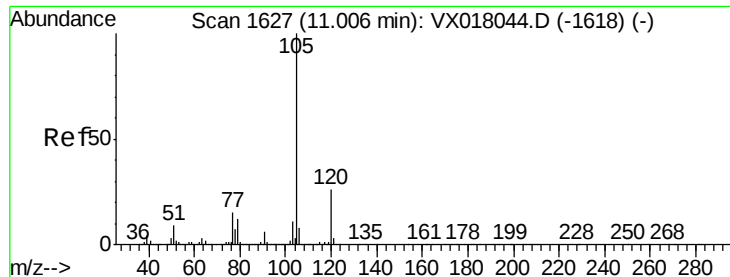
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:152 Resp: 494744
Ion Ratio Lower Upper
152 100
115 68.7 41.5 124.5
150 163.1 0.0 343.8



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





#73

Isopropylbenzene

Concen: 20.979 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

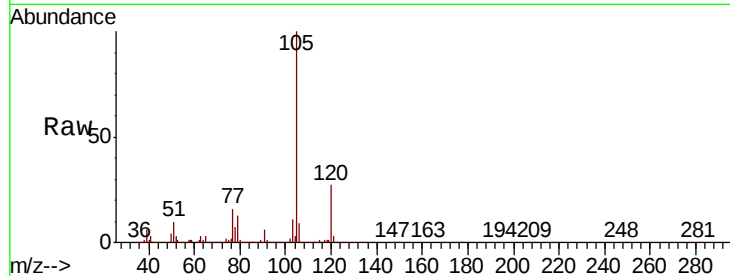
VX0821WBSD02

Tot Ion:105 Resp: 684614

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

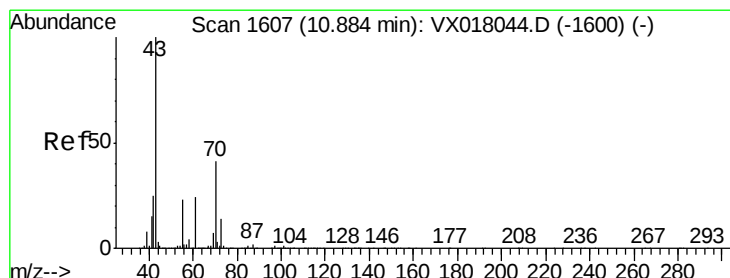
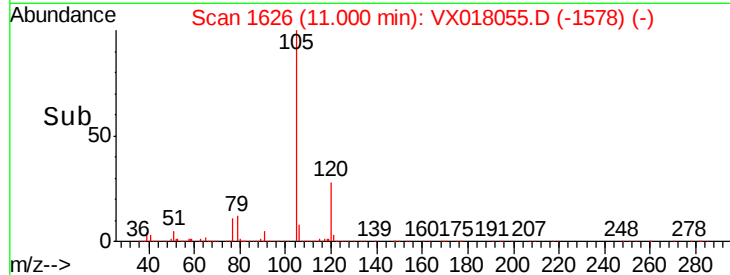
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.026 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Tgt Ion: 43 Resp: 325556

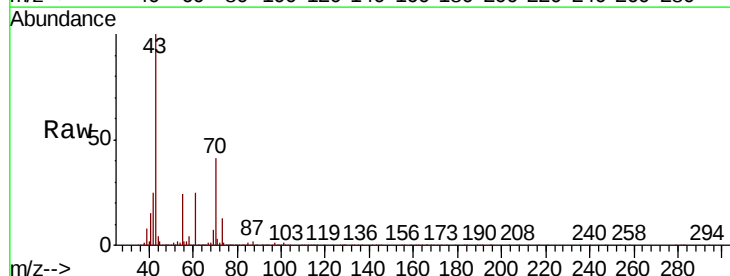
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.0 18.2 27.2

61 24.0 18.9 28.3



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

400000

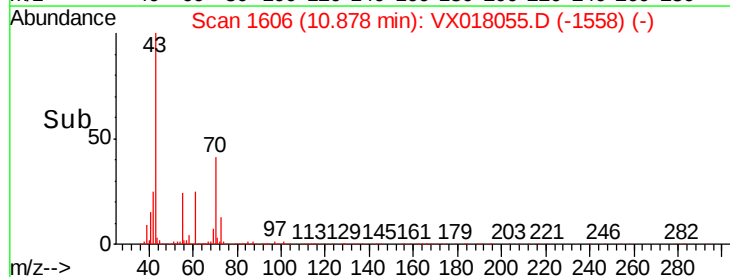
300000

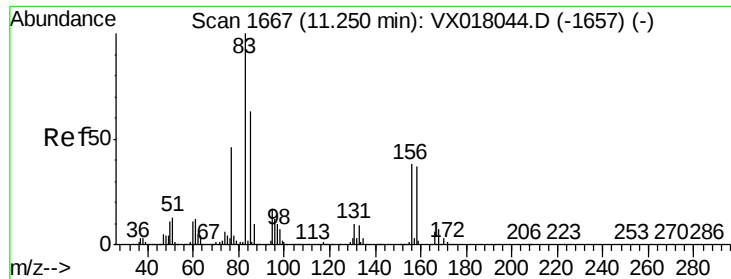
200000

100000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

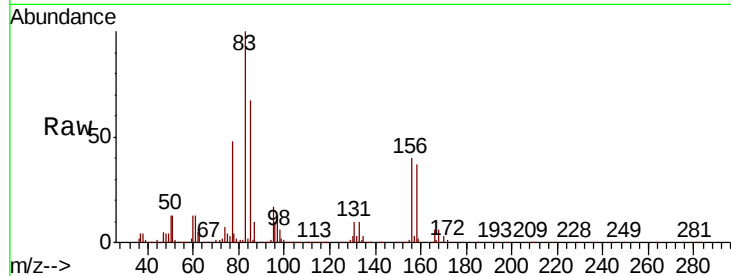
Tot Ion: 83 Resp: 229580

Ion Ratio Lower Upper

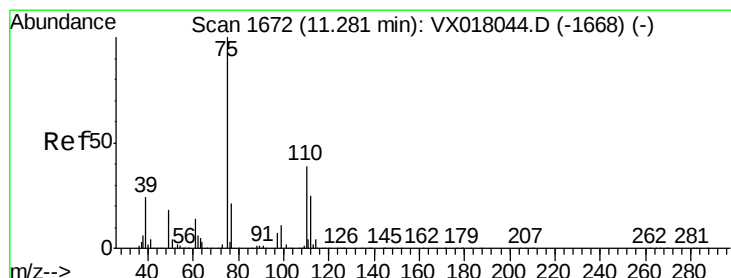
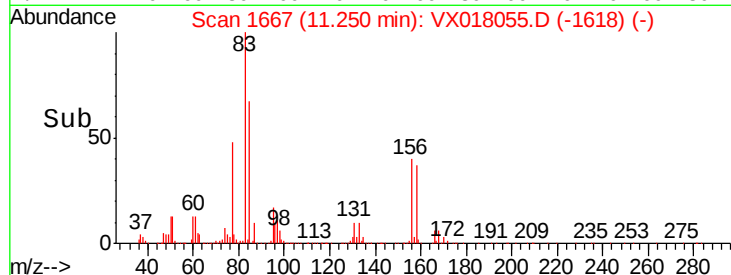
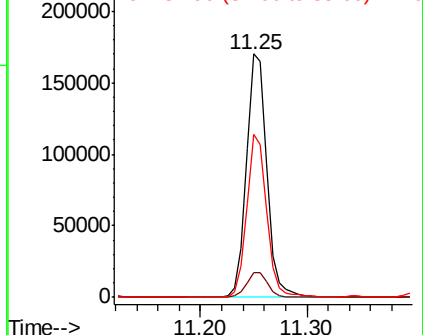
83 100

131 10.6 5.1 15.4

85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.379 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018055.D

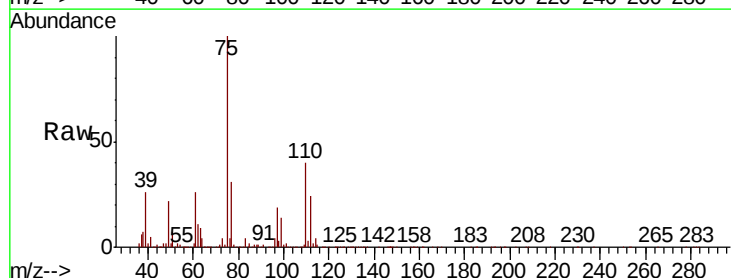
Acq: 21 Aug 2020 13:50

Tgt Ion: 75 Resp: 279319

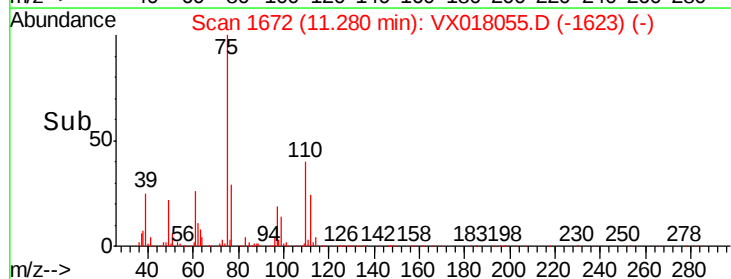
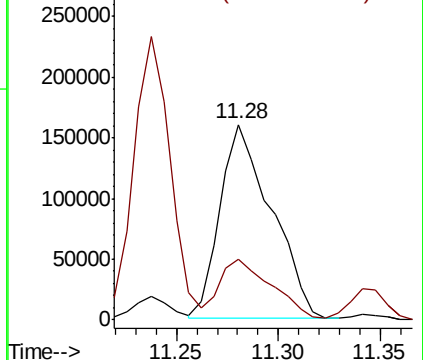
Ion Ratio Lower Upper

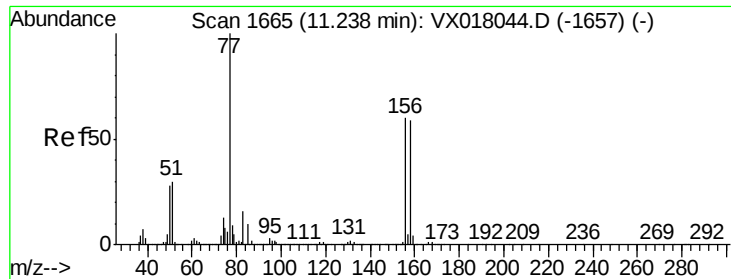
75 100

77 31.8 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

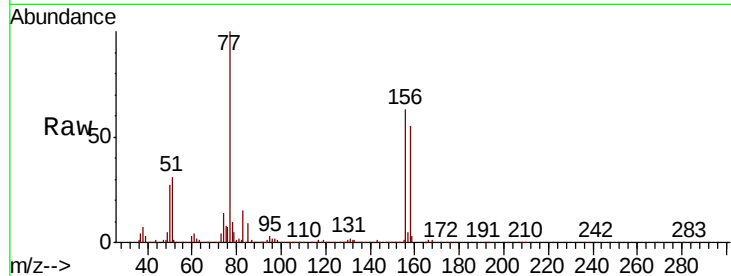
Tot Ion:156 Resp: 183246

Ion Ratio Lower Upper

156 100

77 158.7 80.0 240.2

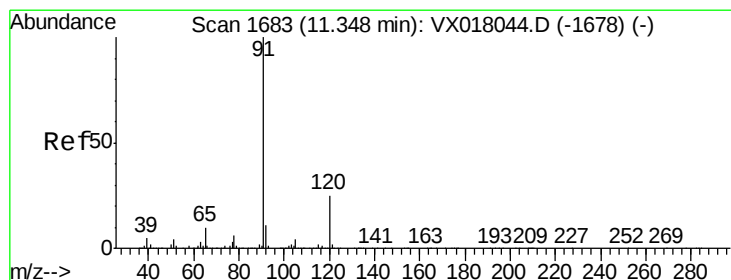
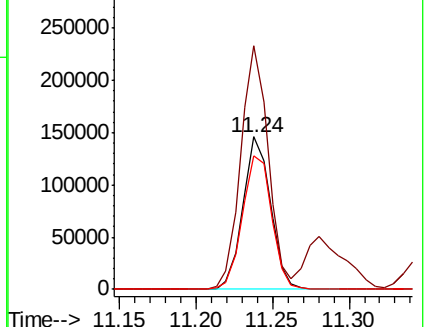
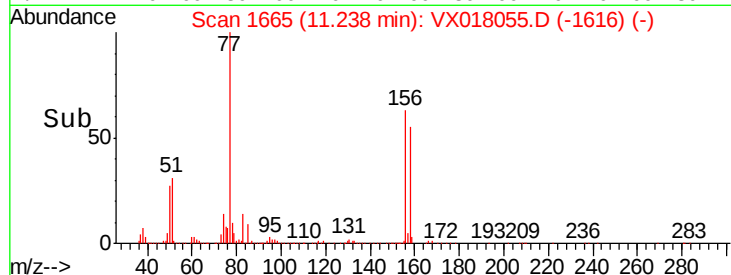
158 92.8 49.5 148.7



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: 21.288 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018055.D

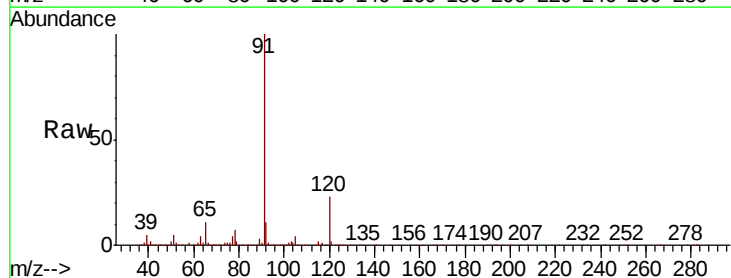
Acq: 21 Aug 2020 13:50

Tgt Ion: 91 Resp: 788811

Ion Ratio Lower Upper

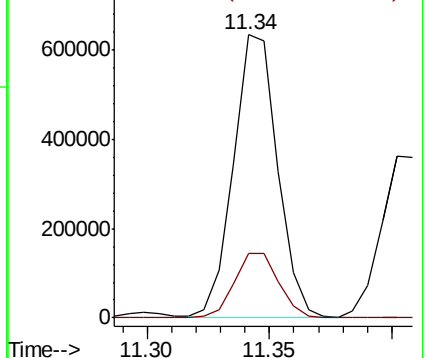
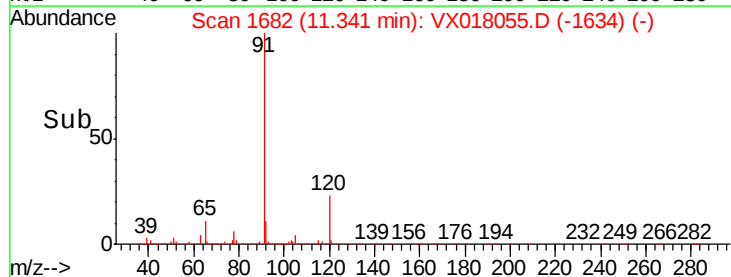
91 100

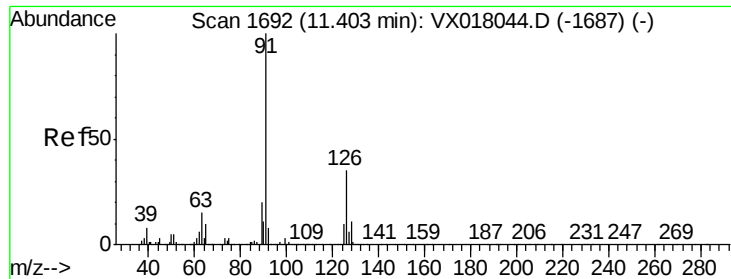
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.905 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

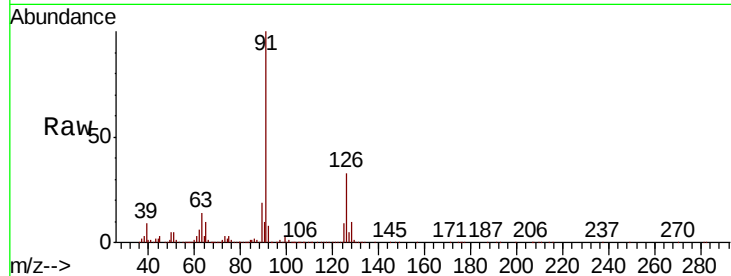
VX0821WBSD02

Tot Ion: 91 Resp: 478584

Ion Ratio Lower Upper

91 100

126 33.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)

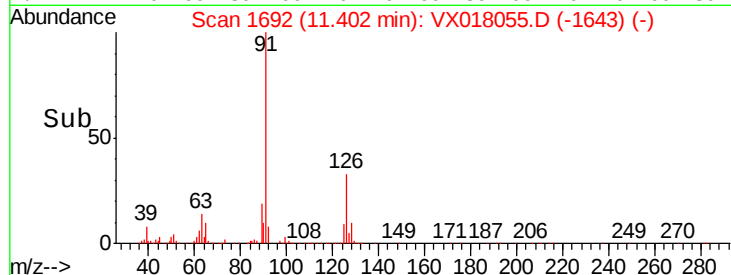
600000

400000

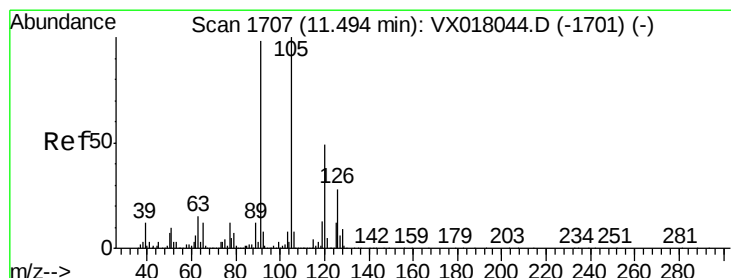
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.506 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018055.D

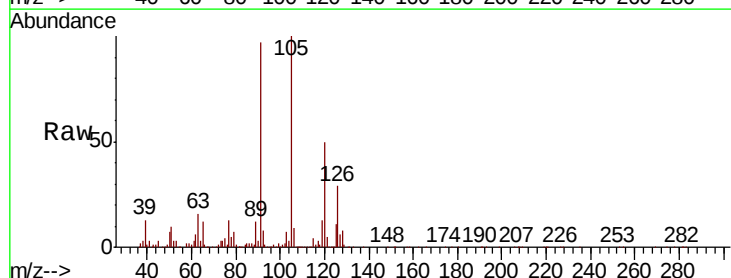
Acq: 21 Aug 2020 13:50

Tgt Ion: 105 Resp: 576732

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)

500000

400000

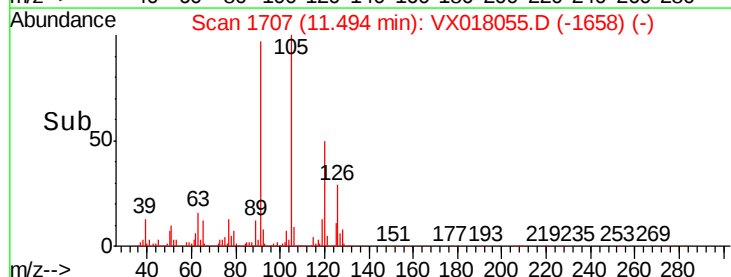
300000

200000

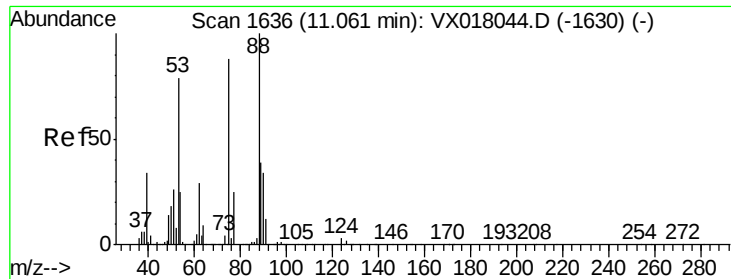
100000

0

11.40 11.50



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 20.205 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

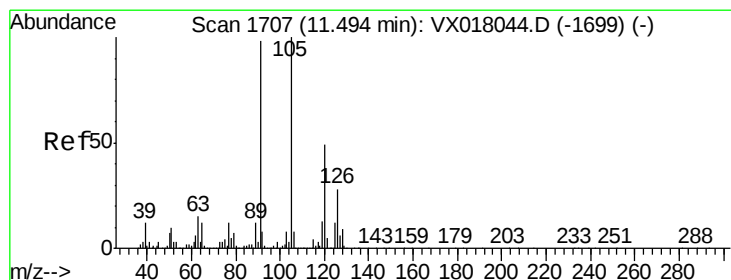
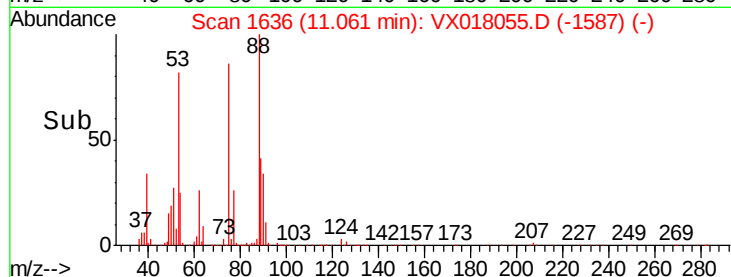
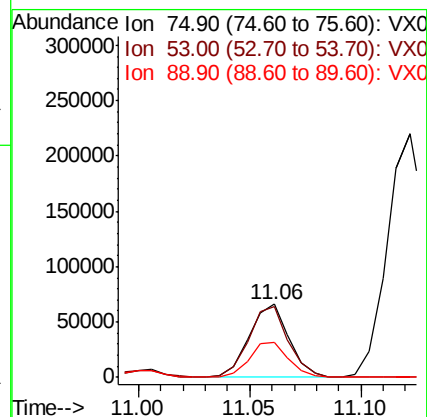
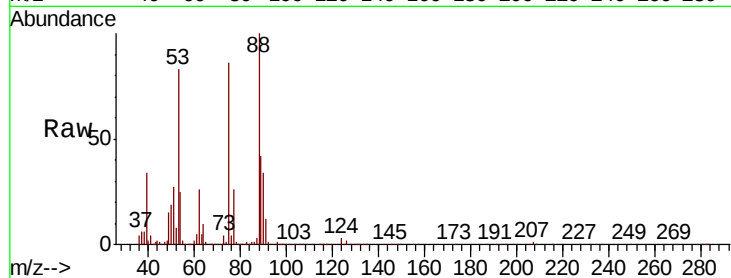
Tot Ion: 75 Resp: 82335

Ion Ratio Lower Upper

75 100

53 96.0 74.7 112.1

89 48.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.778 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018055.D

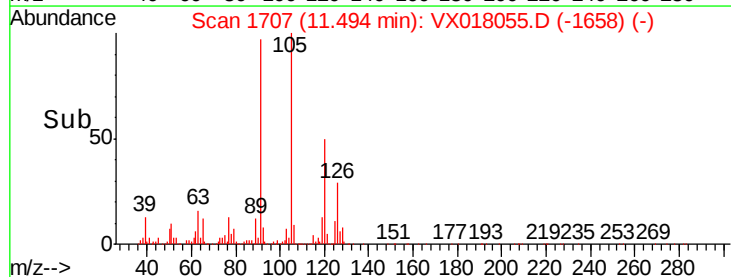
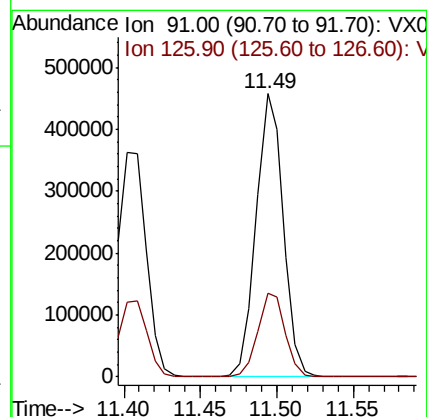
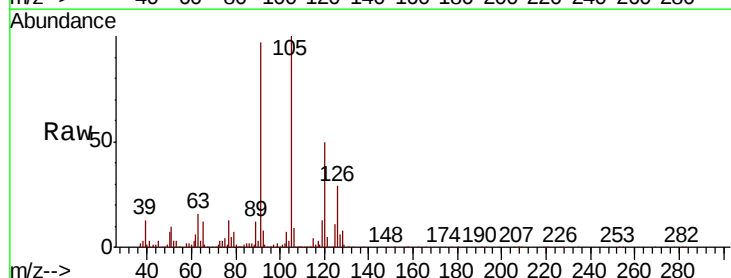
Acq: 21 Aug 2020 13:50

Tgt Ion: 91 Resp: 565477

Ion Ratio Lower Upper

91 100

126 30.1 15.1 45.3

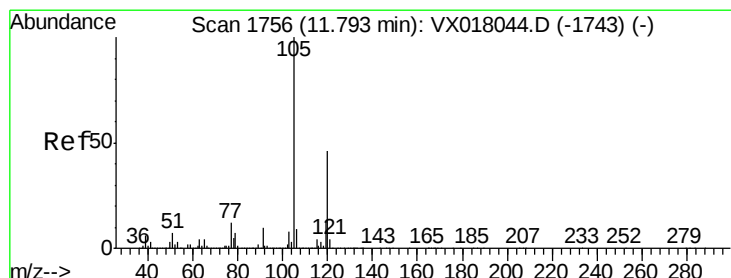
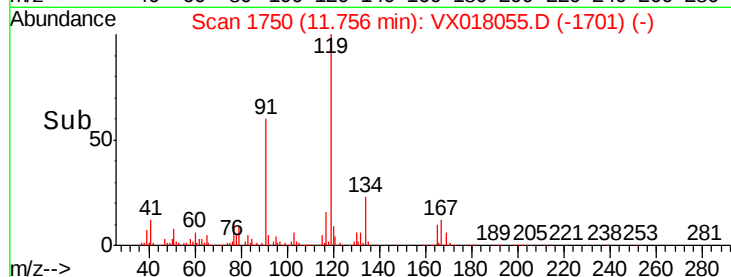
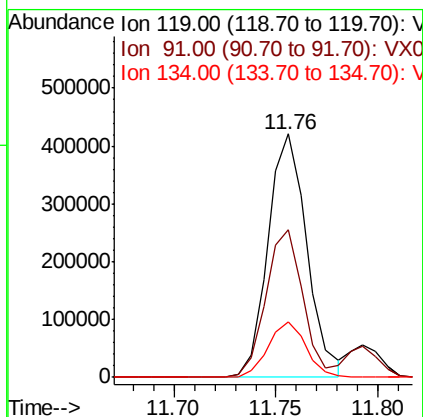
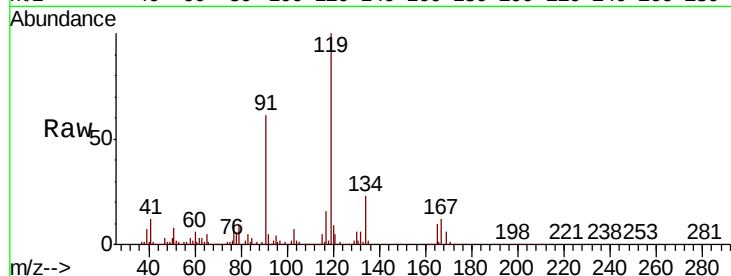




#83
tert-Butylbenzene
Concen: 21.144 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

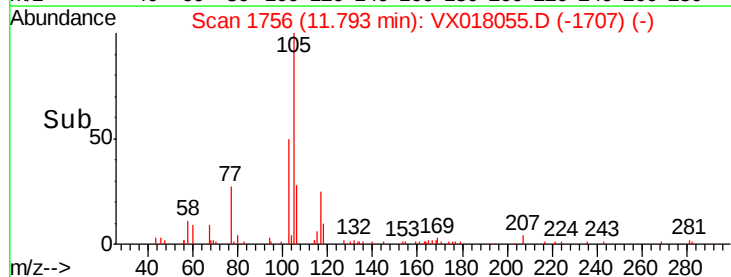
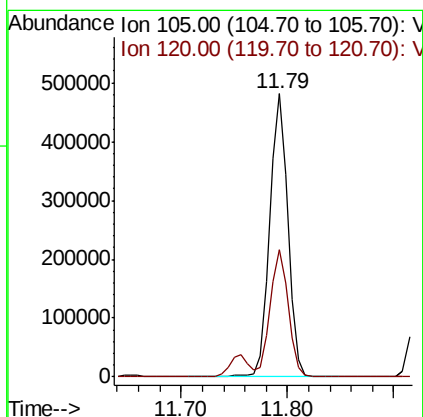
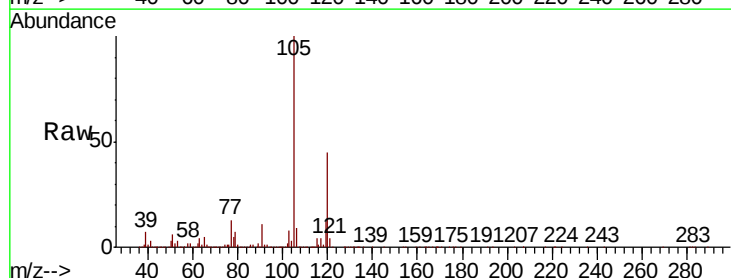
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:119 Resp: 559574
Ion Ratio Lower Upper
119 100
91 57.2 28.2 84.7
134 22.1 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 21.068 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:105 Resp: 577637
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.772 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

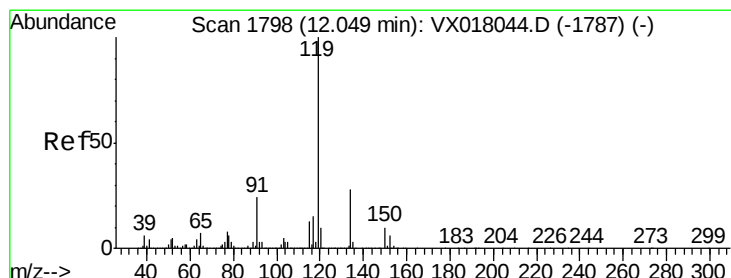
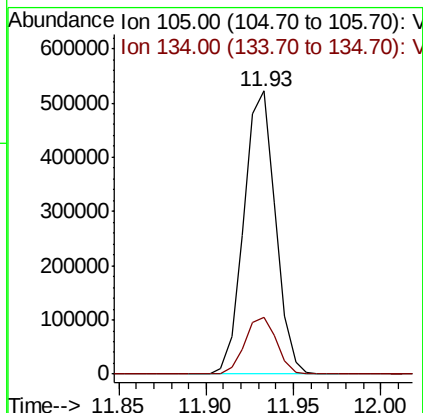
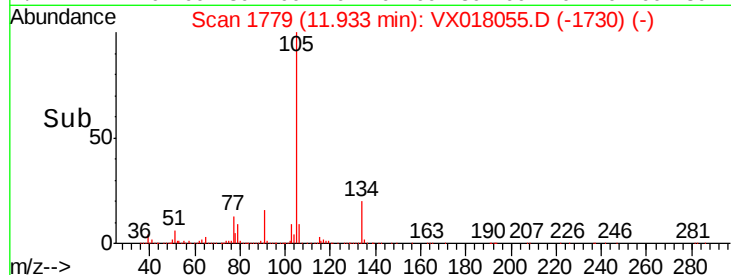
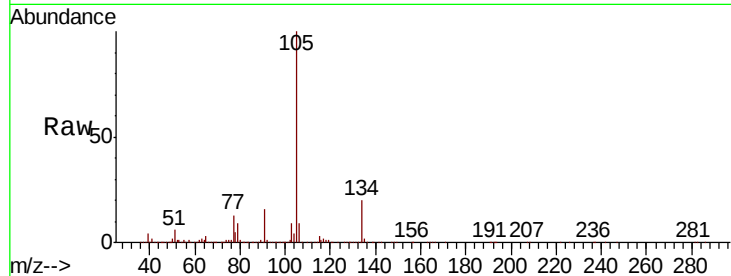
VX0821WBSD02

Tot Ion:105 Resp: 655251

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.841 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

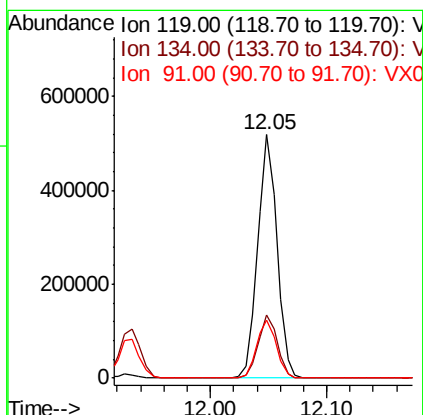
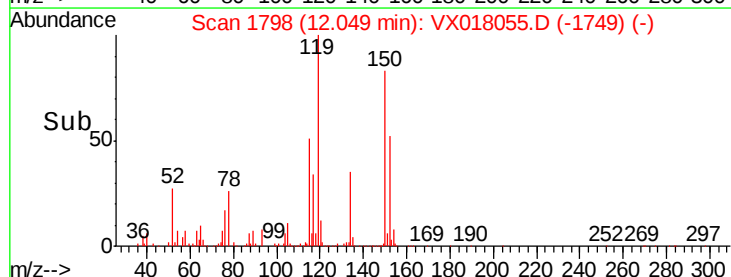
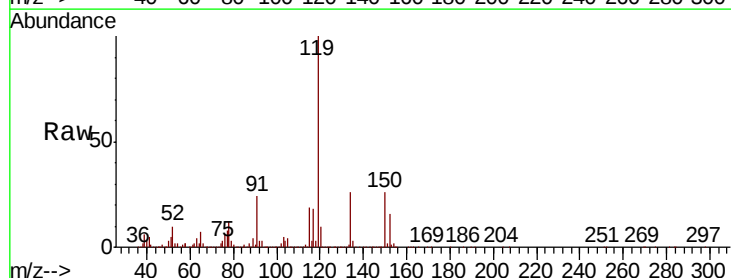
Tgt Ion:119 Resp: 603802

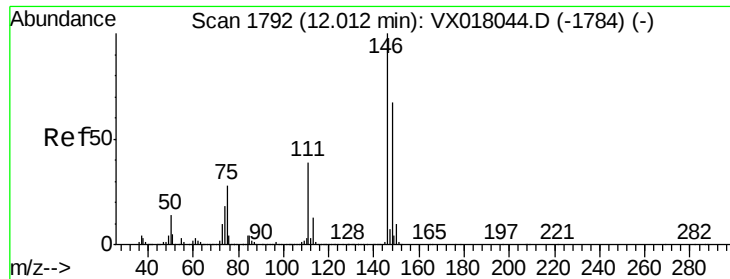
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 24.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.555 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

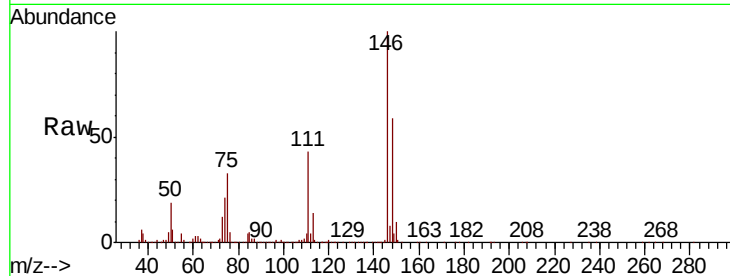
Tot Ion:146 Resp: 309709

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

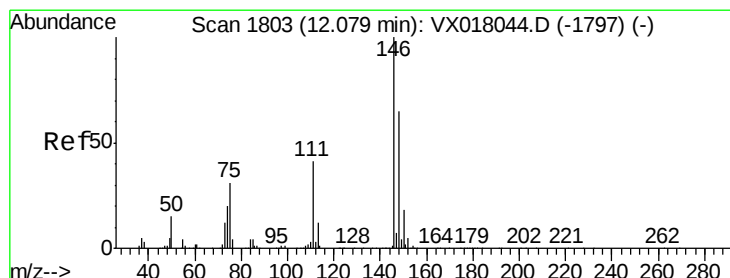
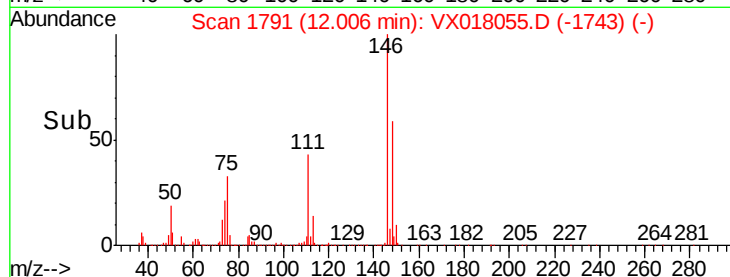
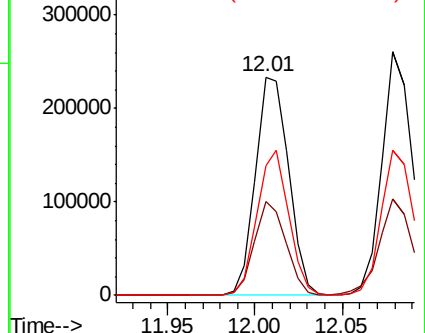
148 63.0 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.815 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018055.D

Acq: 21 Aug 2020 13:50

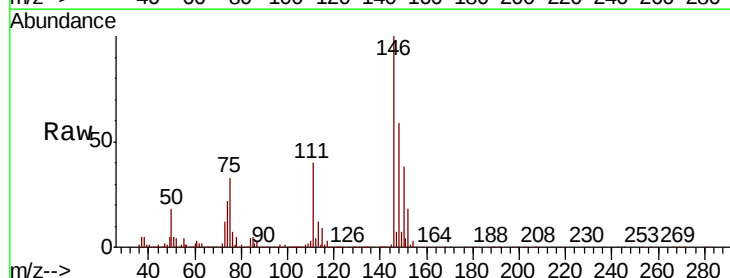
Tgt Ion:146 Resp: 314219

Ion Ratio Lower Upper

146 100

111 42.0 20.3 60.8

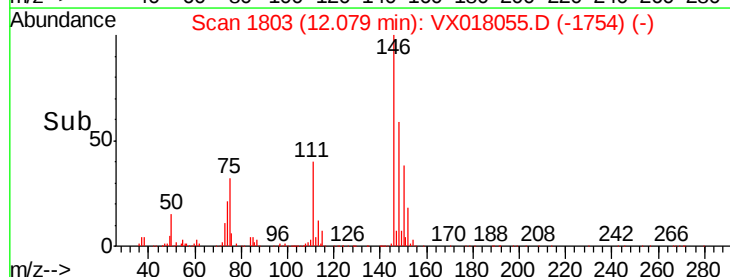
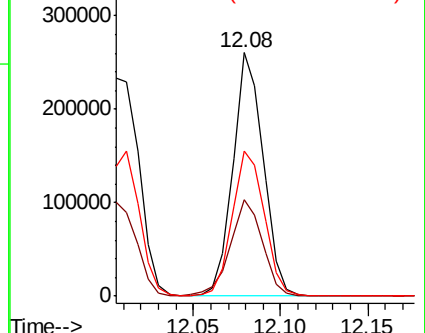
148 62.6 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

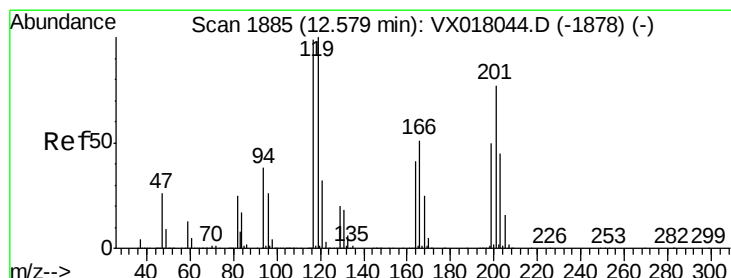
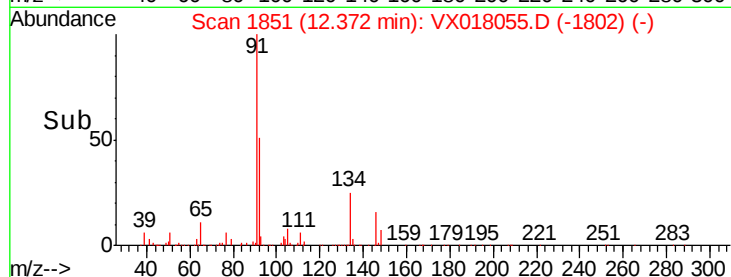
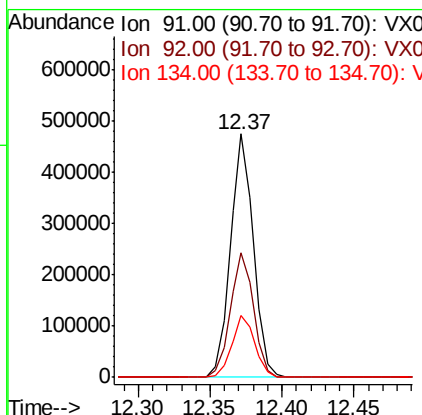
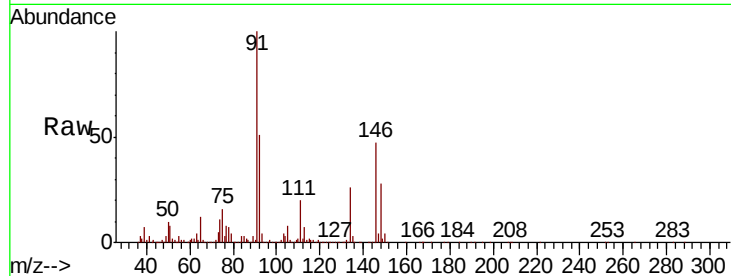




#89
n-Butylbenzene
Concen: 21.039 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

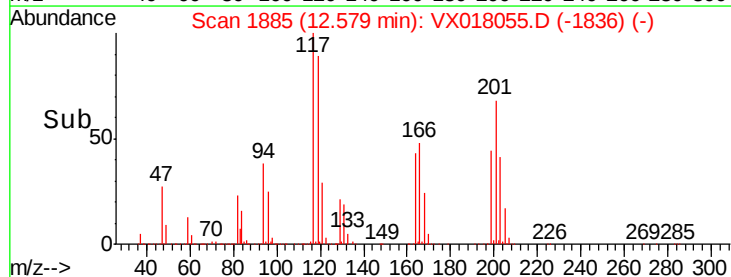
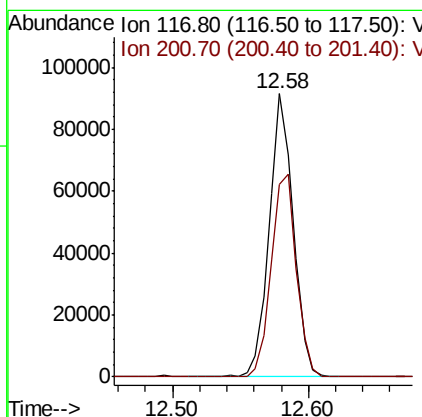
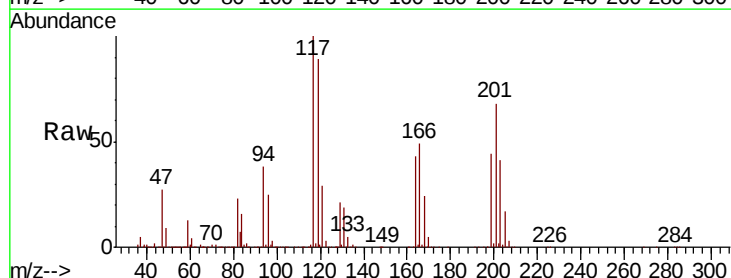
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion: 91 Resp: 530847
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.2
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 20.719 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion: 117 Resp: 112692
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.3

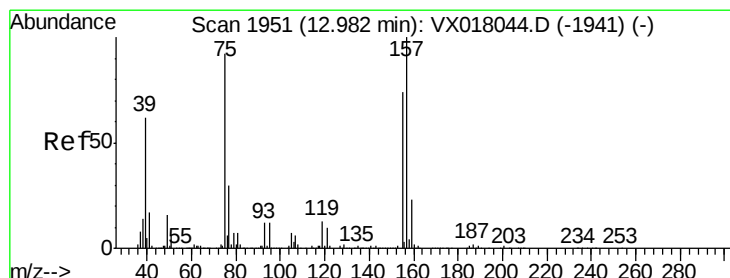
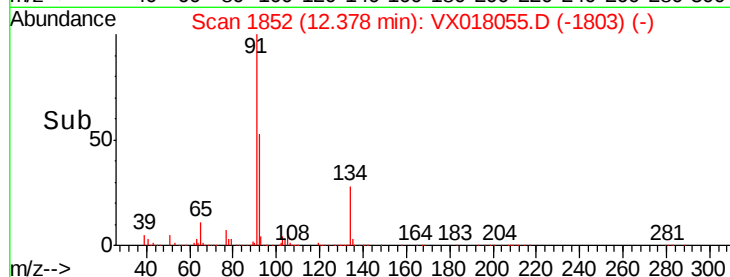
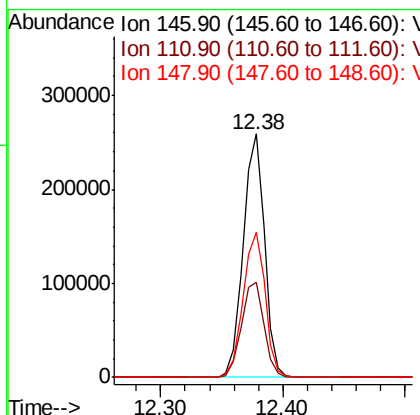
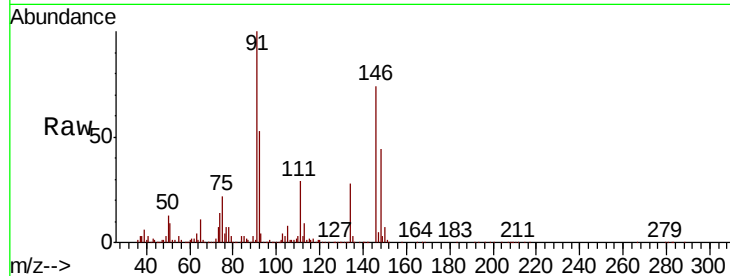




#91
 1,2-Dichlorobenzene
 Concen: 20.898 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

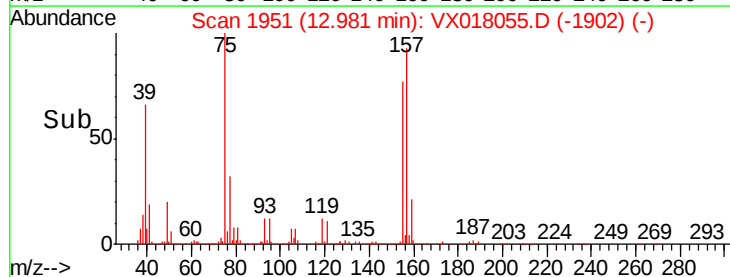
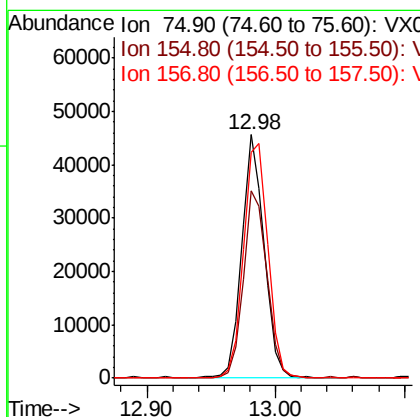
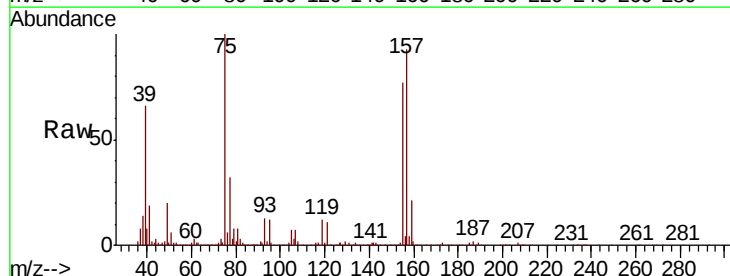
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

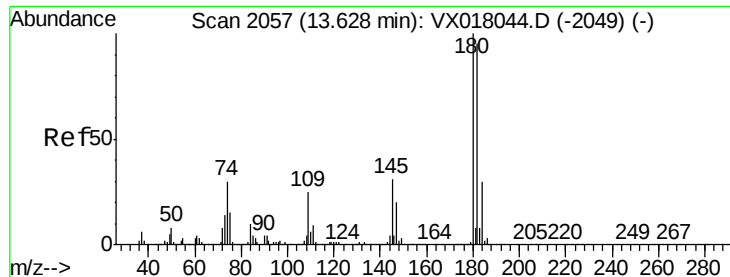
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	61.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.929 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.2	120.6
157	104.9	55.0	165.2

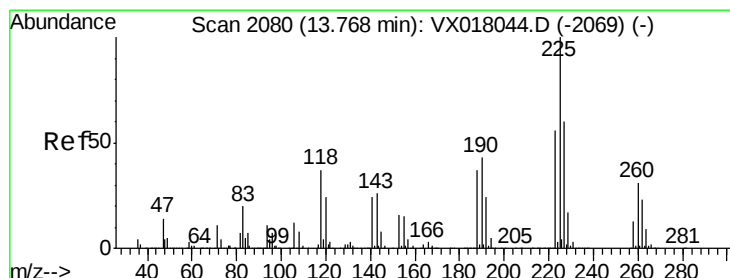
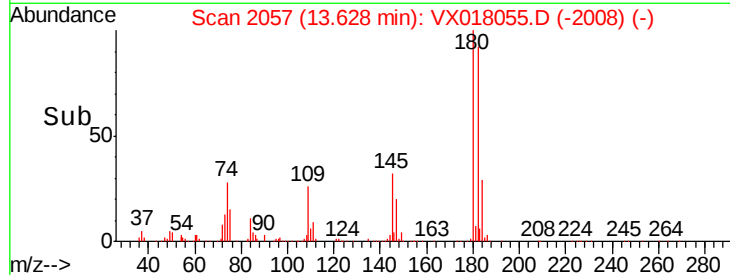
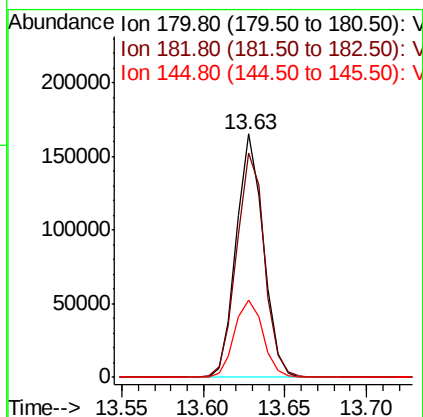
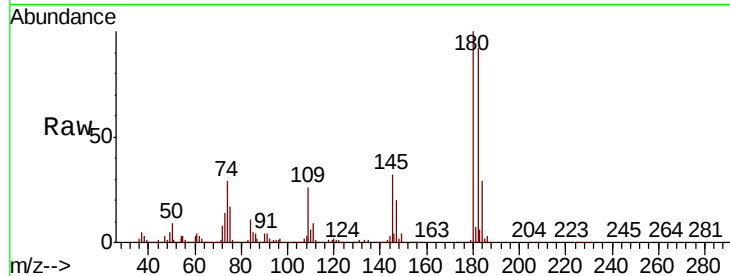




#93
 1,2,4-Trichlorobenzene
 Concen: 19.317 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

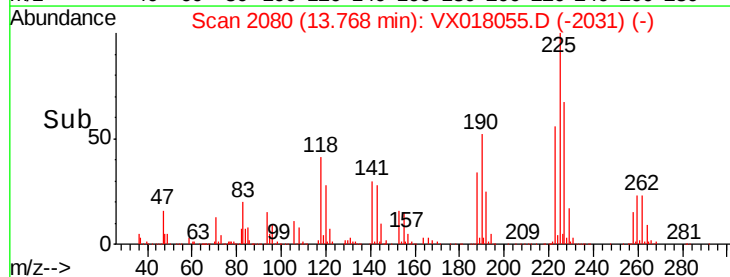
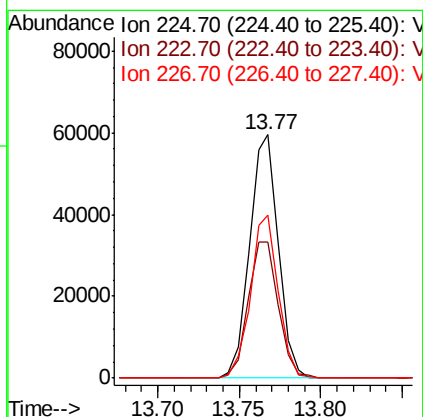
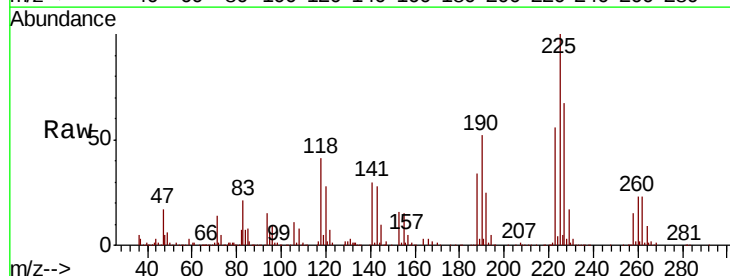
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

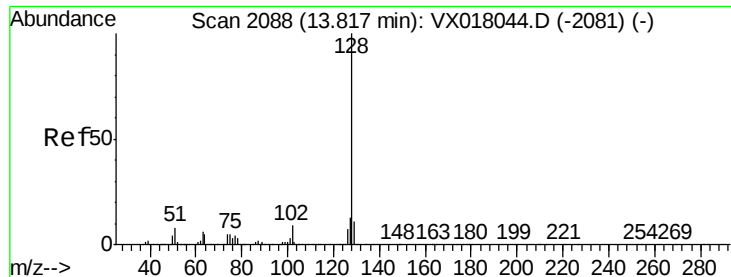
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	33.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 18.634 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018055.D
 Acq: 21 Aug 2020 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	30.7	92.1
227	64.8	32.6	97.8

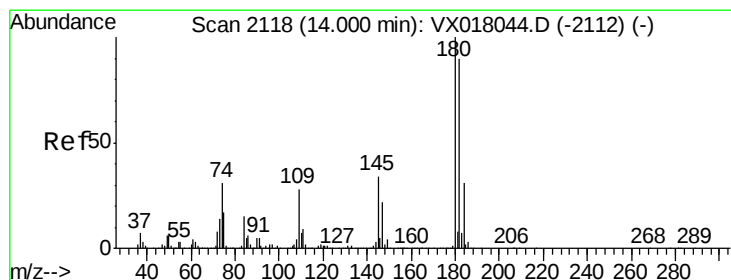
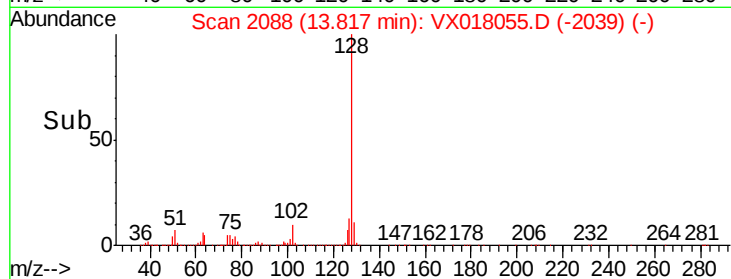
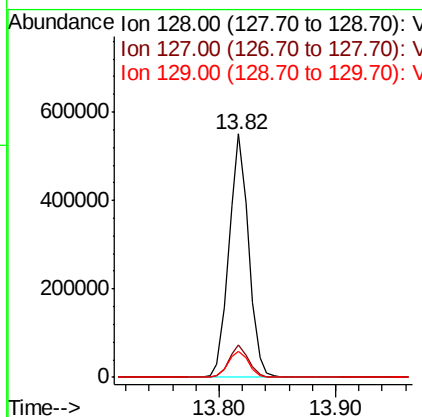
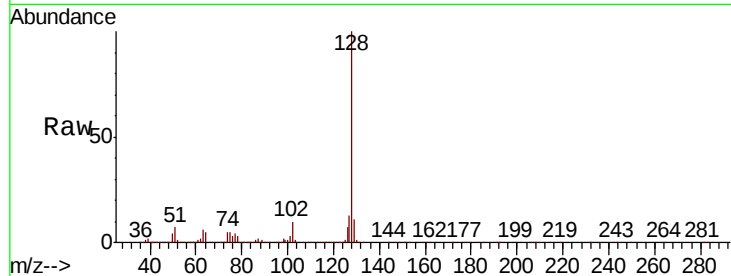




#95
Naphthalene
Concen: 19.631 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:128 Resp: 642280
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.748 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018055.D
Acq: 21 Aug 2020 13:50

Tgt Ion:180 Resp: 193990
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 33.1 17.5 52.6

