

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018046.D
 Acq On : 20 Aug 2020 20:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 02:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	589872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	965062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	950535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	463160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1239501	157.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.44%	
35) Dibromofluoromethane	5.47	113	1010331	161.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.46%	
50) Toluene-d8	8.70	98	3704109	155.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.20%	
62) 4-Bromofluorobenzene	11.12	95	1468626	160.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1106674	171.636	ug/l	98
3) Chloromethane	1.31	50	1133824	155.341	ug/l	99
4) Vinyl Chloride	1.39	62	1111416	143.621	ug/l	98
5) Bromomethane	1.62	94	543425	139.760	ug/l	99
6) Chloroethane	1.69	64	593788	129.067	ug/l	98
7) Trichlorofluoromethane	1.90	101	1530642	150.110	ug/l	99
8) Diethyl Ether	2.17	74	521686	125.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	817913	140.886	ug/l	99
10) Methyl Iodide	2.48	142	956430	130.174	ug/l	99
11) Tert butyl alcohol	3.04	59	1184884	628.756	ug/l	98
12) 1,1-Dichloroethene	2.35	96	832634	137.249	ug/l	98
13) Acrolein	2.28	56	542497	485.239	ug/l	98
14) Allyl chloride	2.70	41	1581187	141.860	ug/l	99
15) Acrylonitrile	3.12	53	2756852	689.580	ug/l	100
16) Acetone	2.43	43	2321613	683.071	ug/l	99
17) Carbon Disulfide	2.54	76	2483132	120.831	ug/l	100
18) Methyl Acetate	2.75	43	1178326	140.318	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2984543	142.619	ug/l	98
20) Methylene Chloride	2.83	84	951399	133.570	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	924079	136.231	ug/l	98
22) Diisopropyl ether	3.83	45	3064491	144.811	ug/l	99
23) Vinyl Acetate	3.79	43	13953897	748.416	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1733337	146.190	ug/l	99
25) 2-Butanone	4.64	43	4013620	729.179	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1355875	127.580	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	1088854	146.602	ug/l	98
28) Bromochloromethane	4.98	49	847403	155.425	ug/l	99
29) Tetrahydrofuran	5.10	42	2563803	703.707	ug/l	99
30) Chloroform	5.18	83	1760547	148.551	ug/l	97
31) Cyclohexane	5.55	56	1485170	140.430	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	1633014	151.401	ug/l	99
36) 1,1-Dichloropropene	5.77	75	1320309	139.426	ug/l	100
37) Ethyl Acetate	4.80	43	1568503	144.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	1480488	151.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1490583	132.905	ug/l	99
40) Benzene	6.11	78	3814879	138.306	ug/l	99
41) Methacrylonitrile	5.01	41	847849	144.197	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1457469	145.194	ug/l	99
43) Isopropyl Acetate	6.42	43	2557578	146.461	ug/l	100
44) Trichloroethene	7.19	130	1085766	113.870	ug/l	99
45) 1,2-Dichloropropane	7.49	63	1050710	149.021	ug/l	94
46) Dibromomethane	7.64	93	739791	153.742	ug/l	99
47) Bromodichloromethane	7.88	83	1487532	152.171	ug/l	99
48) Methyl methacrylate	7.75	41	1321187	158.620	ug/l	98
49) 1,4-Dioxane	7.72	88	444186	2298.130	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	7837953	733.330	ug/l	99
52) Toluene	8.77	92	2455316	142.479	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1709397	147.875	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1771351	146.764	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1038834	151.518	ug/l	97
56) Ethyl methacrylate	9.16	69	1684978	152.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1745238	146.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	3738210	653.365	ug/l	99
59) 2-Hexanone	9.48	43	5964723	711.530	ug/l	99
60) Dibromochloromethane	9.57	129	1304124	170.993	ug/l	100
61) 1,2-Dibromoethane	9.65	107	1150280	155.106	ug/l	99
64) Tetrachloroethene	9.32	164	937649	85.718	ug/l	94
65) Chlorobenzene	10.12	112	2797301	141.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1122435	151.792	ug/l	98
67) Ethyl Benzene	10.24	91	4937140	140.456	ug/l	99
68) m/p-Xylenes	10.34	106	3699037	280.780	ug/l	99
69) o-Xylene	10.68	106	1803955	142.715	ug/l	99
70) Styrene	10.70	104	3060711	142.277	ug/l	99
71) Bromoform	10.84	173	962876	159.121	ug/l	99
73) Isopropylbenzene	11.00	105	4664986	139.786	ug/l	99
74) N-amyl acetate	10.88	43	2274513	145.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1554833	236.028	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1950748	186.869	ug/l	85
77) Bromobenzene	11.24	156	1238709	142.758	ug/l	99
78) n-propylbenzene	11.35	91	5426586	140.107	ug/l	100
79) 2-Chlorotoluene	11.41	91	3263140	141.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	3971612	140.885	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	588900	137.460	ug/l	98
82) 4-Chlorotoluene	11.49	91	3855738	141.839	ug/l	100
83) tert-Butylbenzene	11.76	119	3851512	155.436	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4006587	140.450	ug/l	98
85) sec-Butylbenzene	11.93	105	4484043	137.601	ug/l	100
86) p-Isopropyltoluene	12.05	119	4112086	135.929	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2207806	142.245	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2193842	139.428	ug/l	97
89) n-Butylbenzene	12.37	91	3729510	135.220	ug/l	99
90) Hexachloroethane	12.58	117	813544	154.475	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2077536	138.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	408042	148.053	ug/l	97

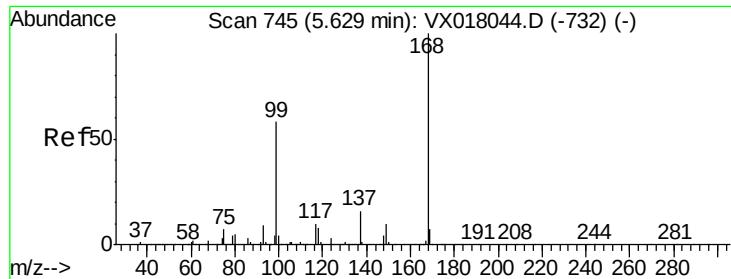
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1443764	131.891	ug/l	100
94) Hexachlorobutadiene	13.77	225	544622	110.063	ug/l	98
95) Naphthalene	13.82	128	4862323	137.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1452964	136.648	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

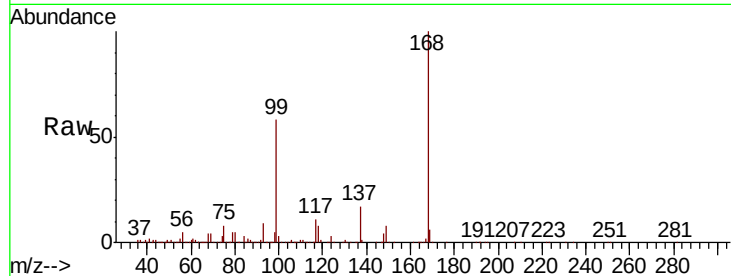
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 589872

Ion Ratio Lower Upper

168 100

99 57.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

200000

100000

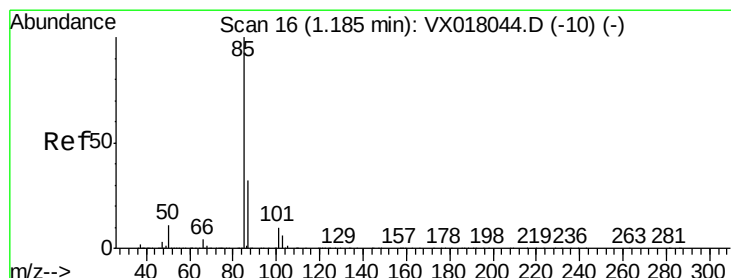
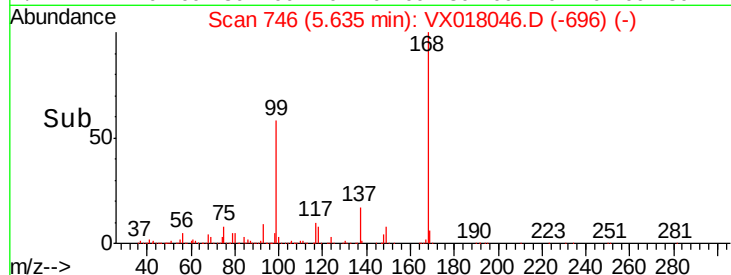
0

5.50

5.64

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 171.636 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018046.D

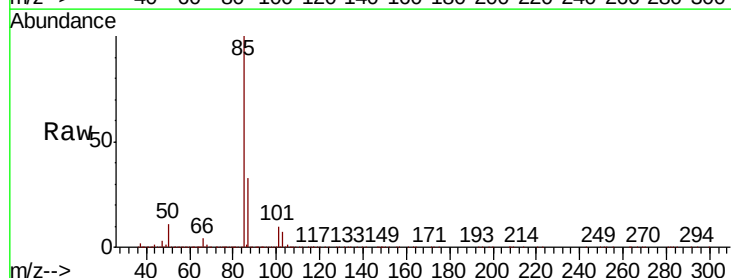
Acq: 20 Aug 2020 20:54

Tgt Ion: 85 Resp: 1106674

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

1000000

500000

0

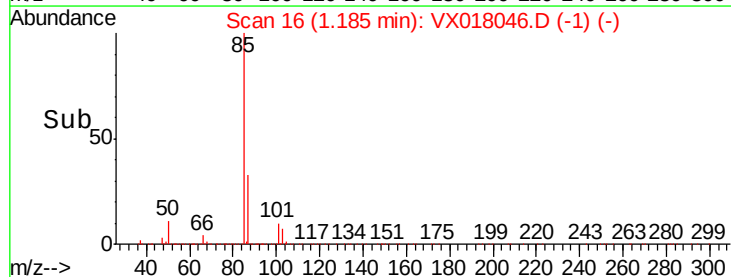
1.10

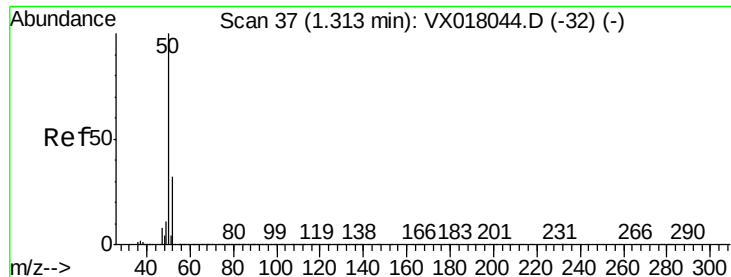
1.18

1.25

1.30

Time-->





#3

Chloromethane

Concen: 155.341 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

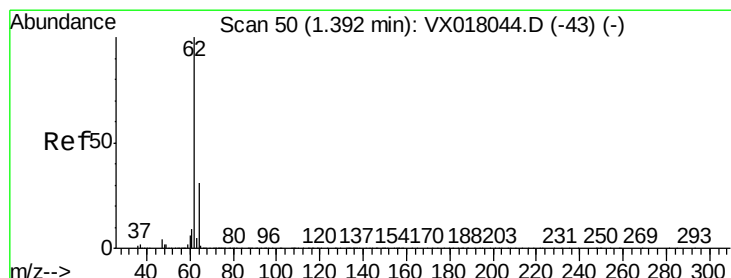
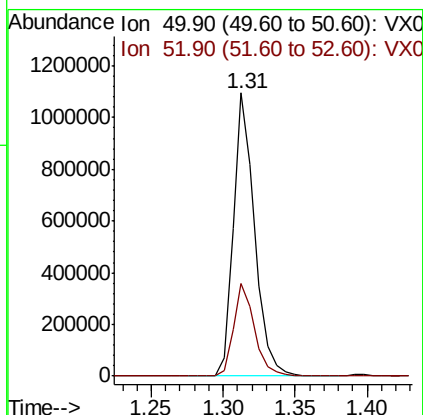
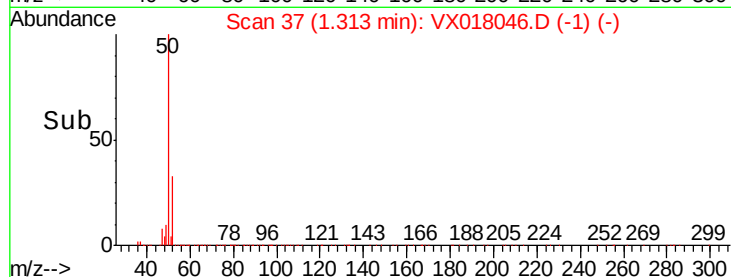
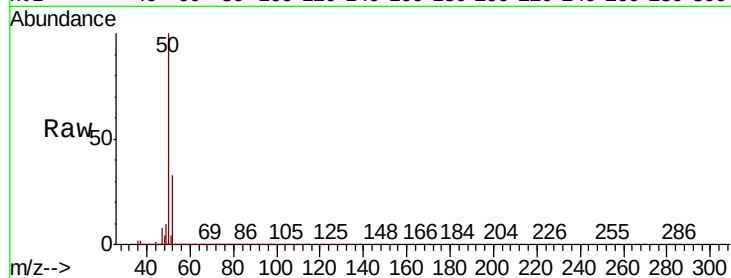
ClientSampleId :

Tot Ion: 50 Resp: 1133824

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 143.621 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018046.D

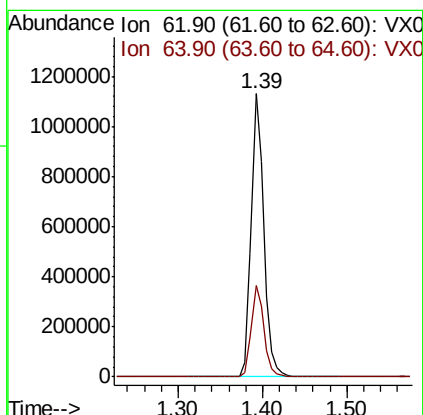
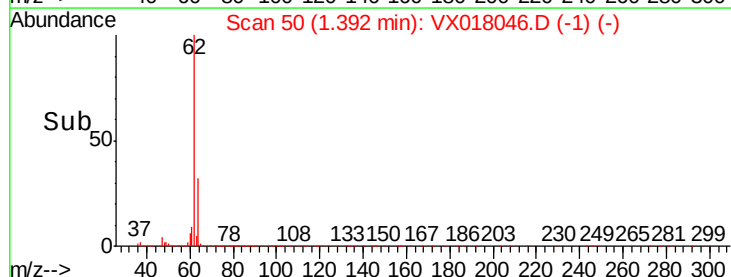
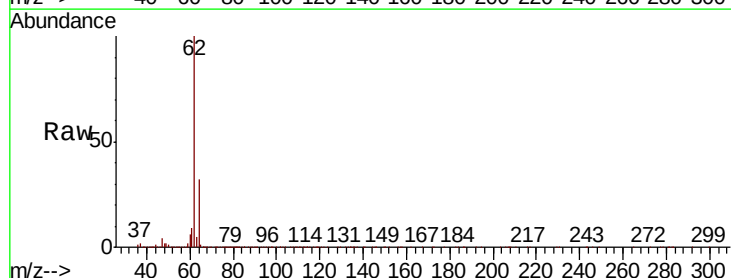
Acq: 20 Aug 2020 20:54

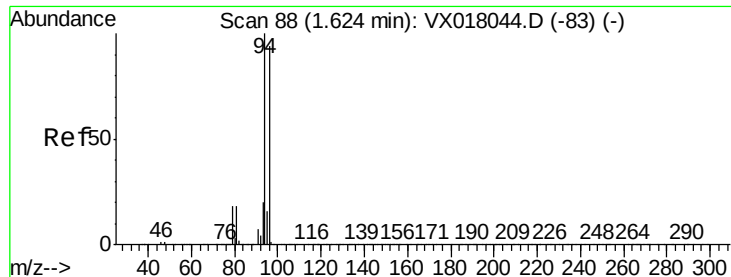
Tgt Ion: 62 Resp: 1111416

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 139.760 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

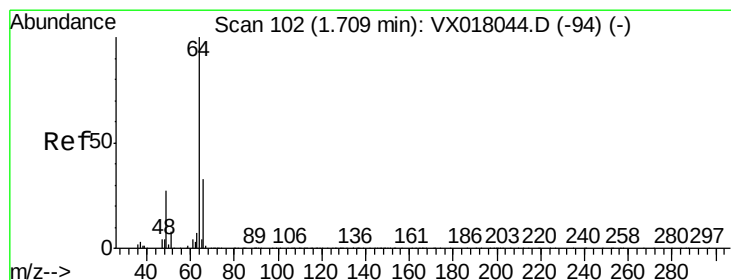
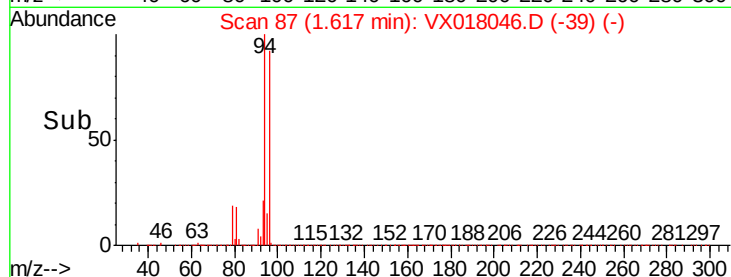
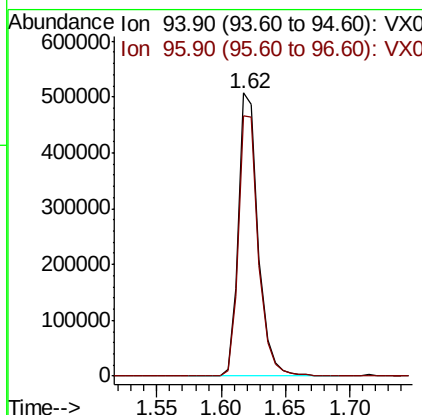
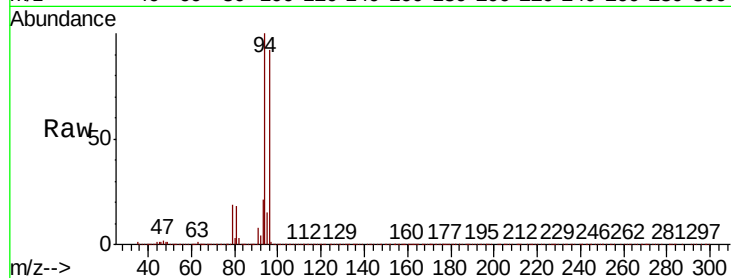
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 543425

Ion Ratio Lower Upper

94 100

96 92.1 74.8 112.2



#6

Chloroethane

Concen: 129.067 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX018046.D

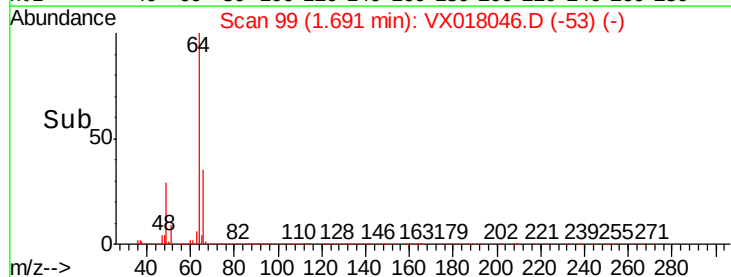
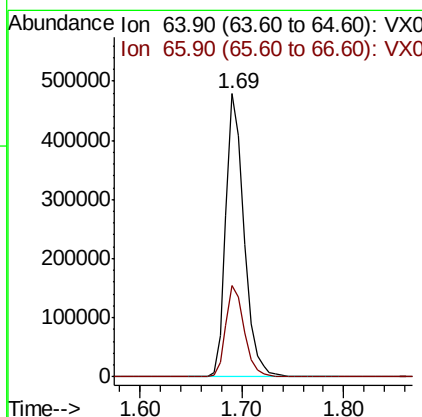
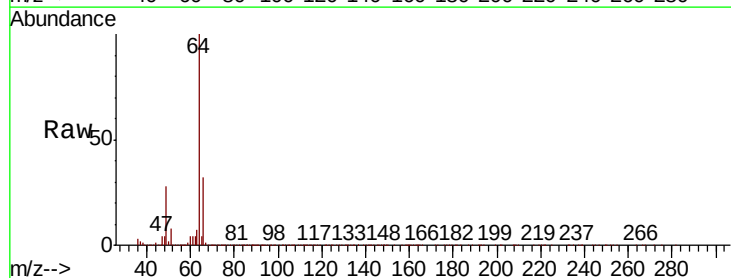
Acq: 20 Aug 2020 20:54

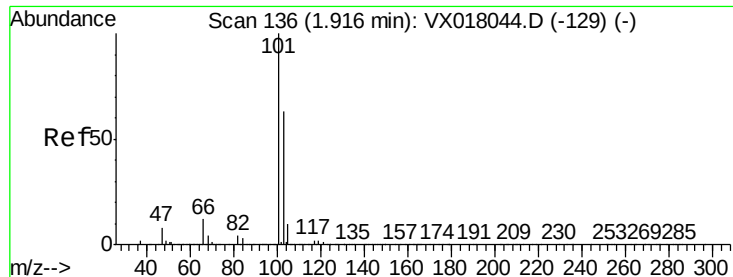
Tgt Ion: 64 Resp: 593788

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8



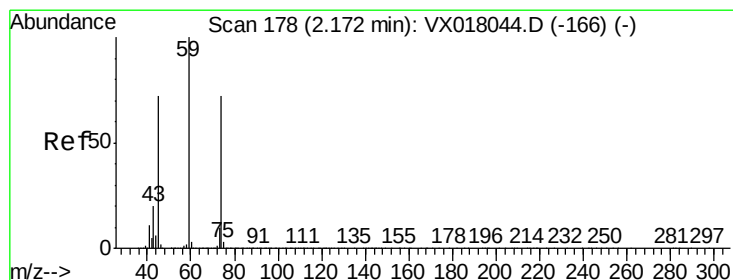
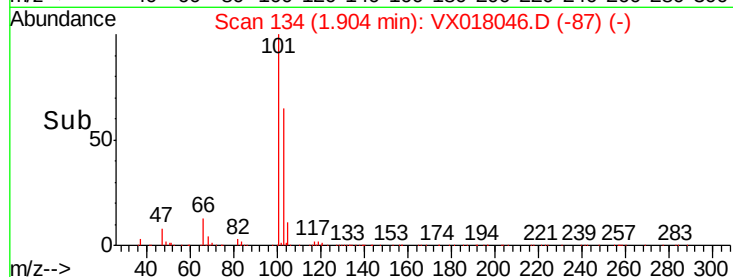
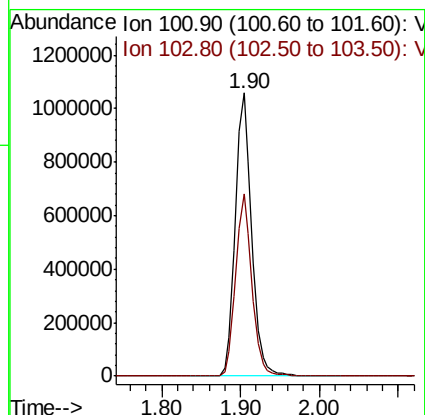
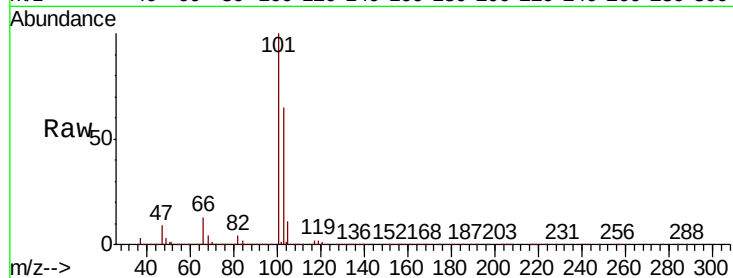


#7

Trichlorofluoromethane
Concen: 150.110 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

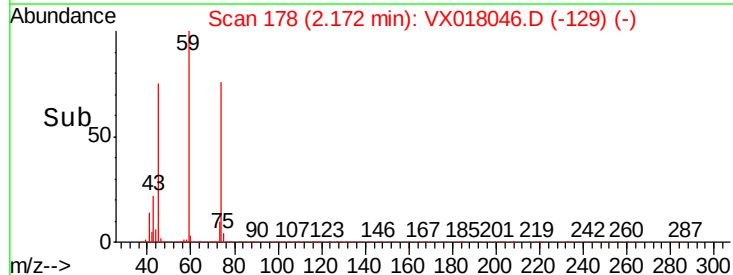
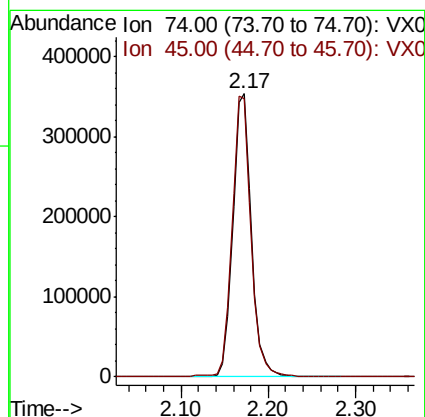
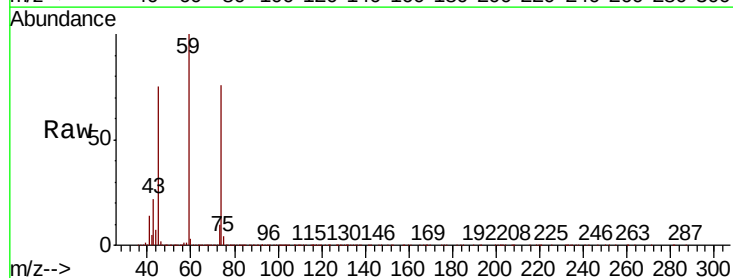
Tot Ion:101 Resp: 1530642
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

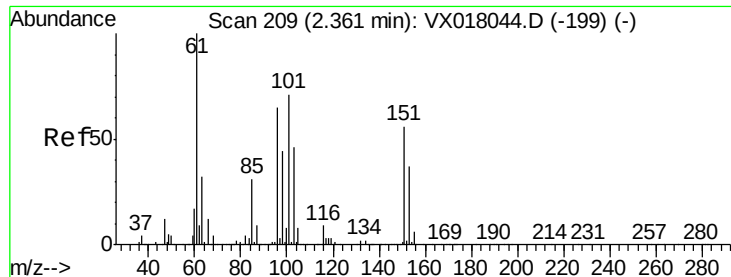


#8

Diethyl Ether
Concen: 125.341 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 74 Resp: 521686
Ion Ratio Lower Upper
74 100
45 100.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.886 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

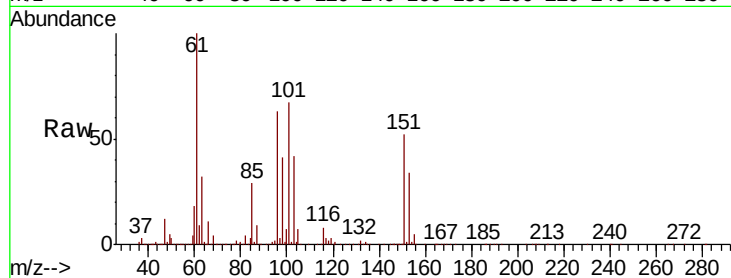
Tot Ion:101 Resp: 817913

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

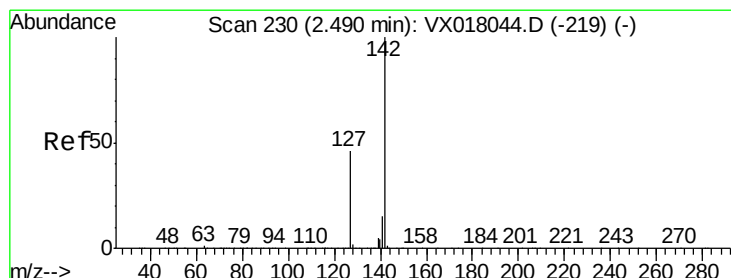
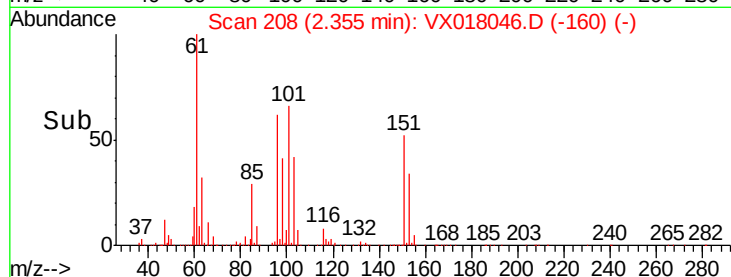
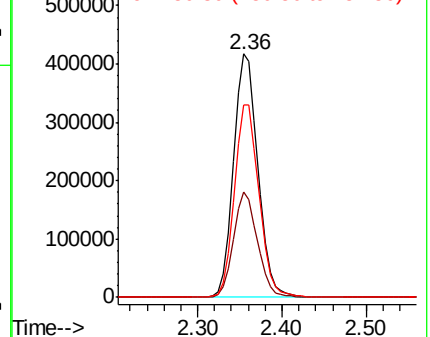
151 79.6 65.2 97.8



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: 130.174 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

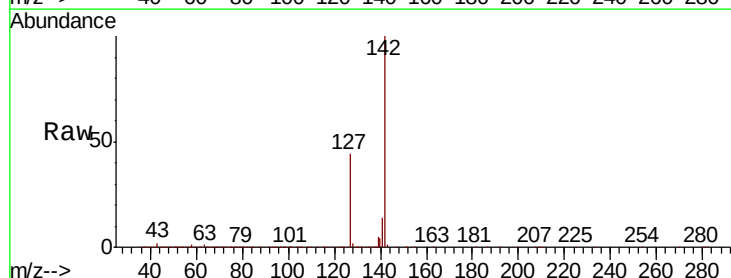
Tgt Ion:142 Resp: 956430

Ion Ratio Lower Upper

142 100

127 45.7 37.0 55.6

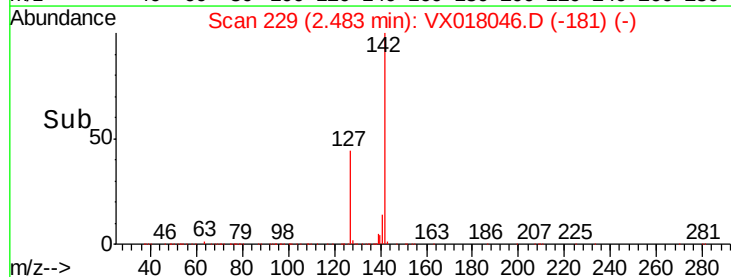
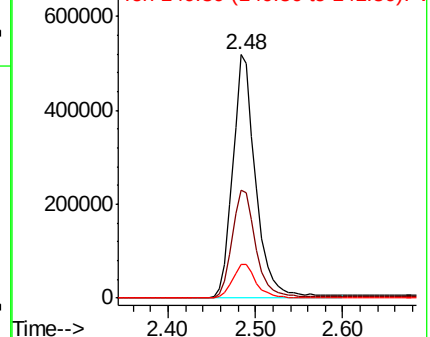
141 14.3 11.5 17.3

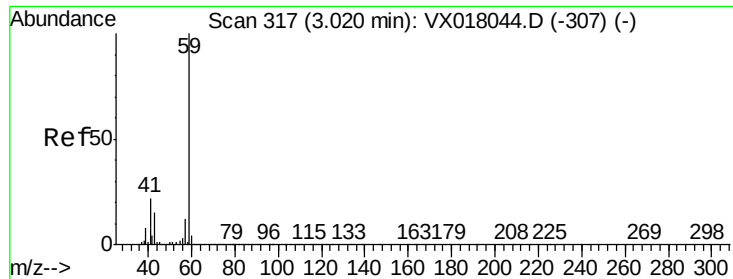


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

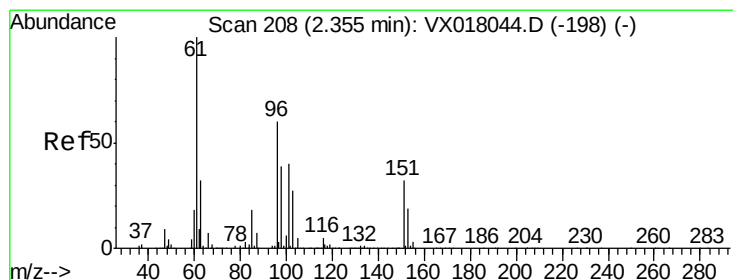
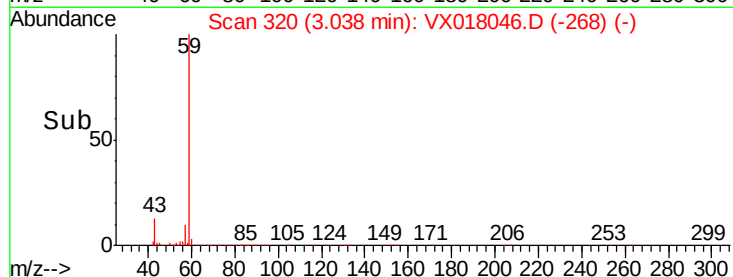
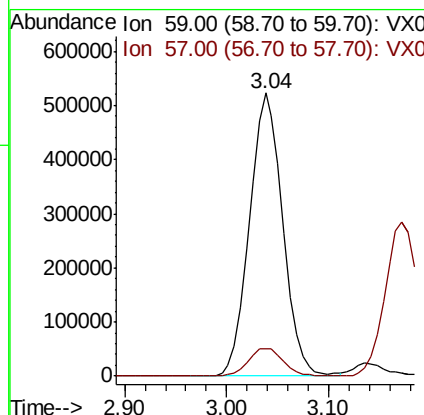
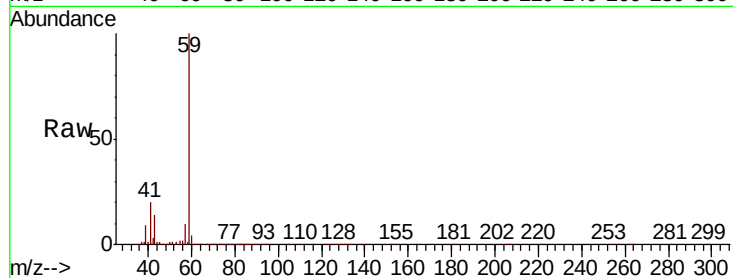




#11
Tert butyl alcohol
Concen: 628.756 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

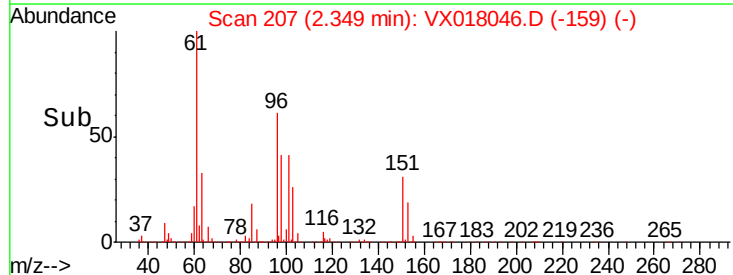
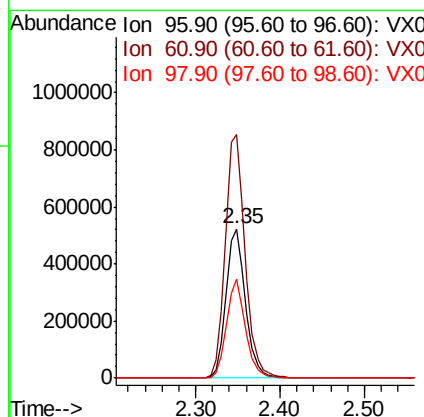
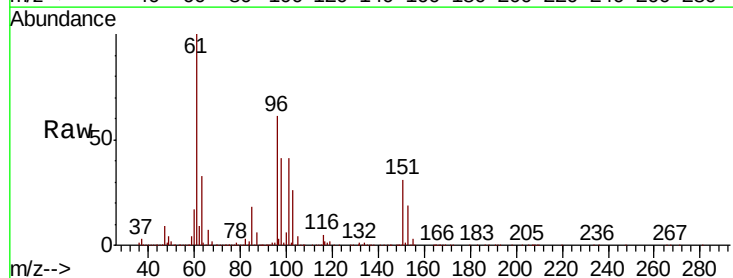
Instrument :
MSVOA_X
ClientSampled :

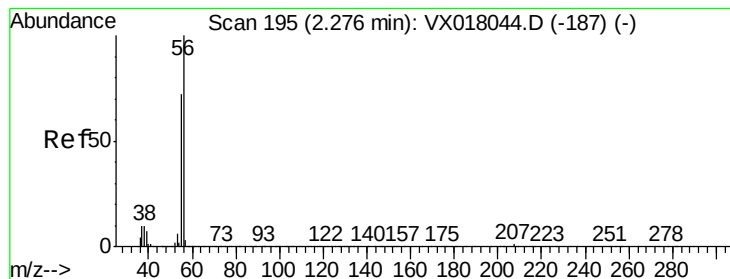
Tot Ion: 59 Resp: 1184884
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 137.249 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 96 Resp: 832634
Ion Ratio Lower Upper
96 100
61 163.4 133.0 199.4
98 66.5 51.6 77.4





#13

Acrolein

Concen: 485.239 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

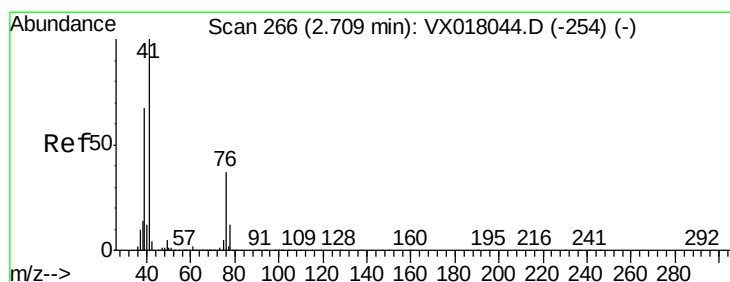
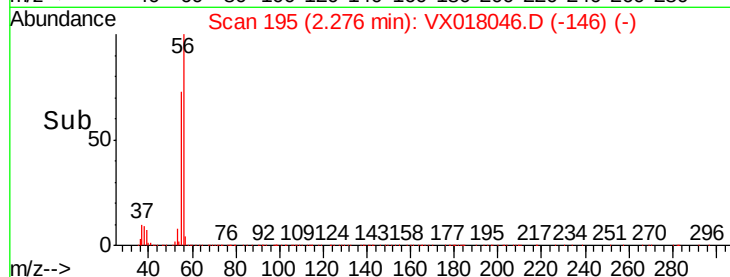
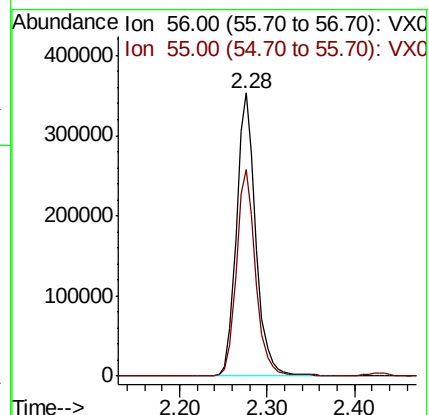
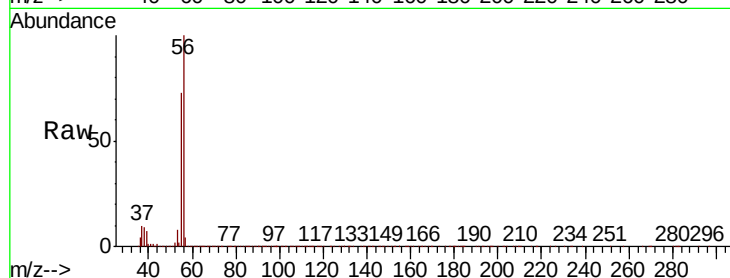
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 542497

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.6



#14

Allyl chloride

Concen: 141.860 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

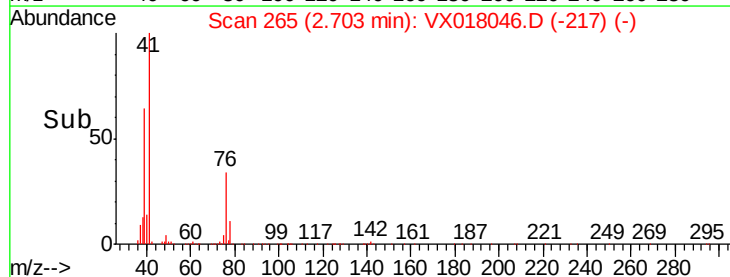
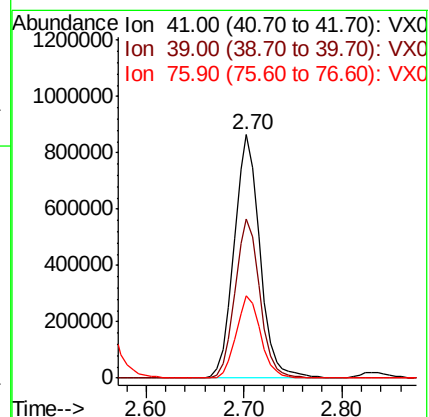
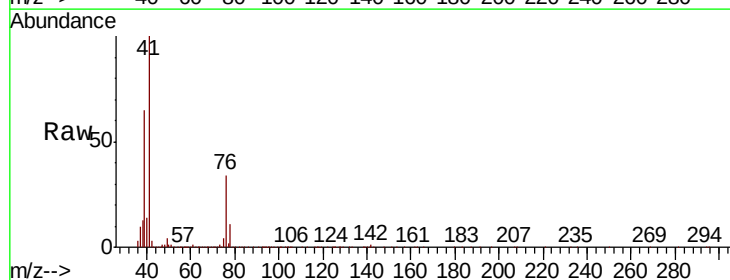
Tgt Ion: 41 Resp: 1581187

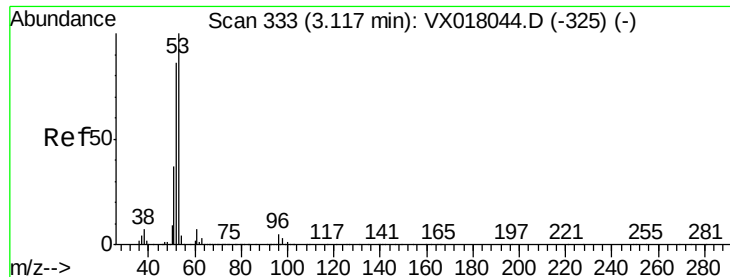
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 32.0 26.2 39.2

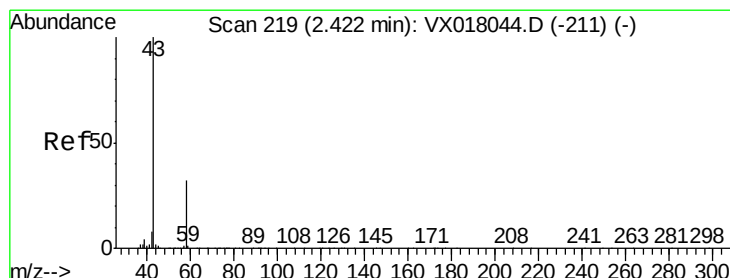
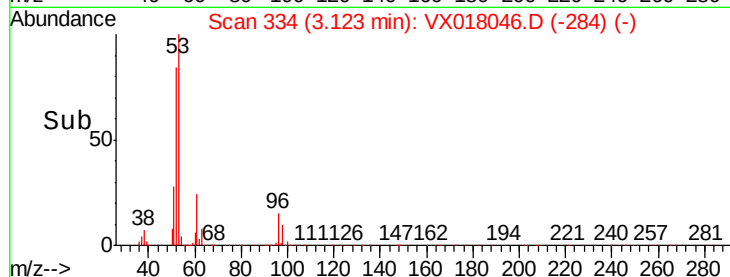
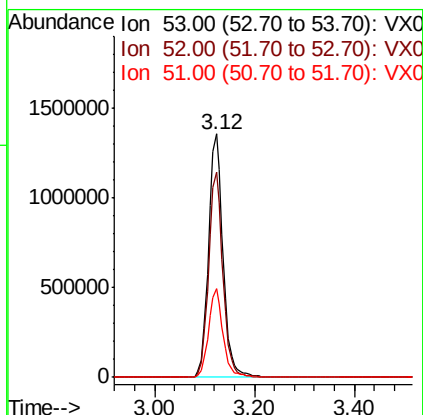
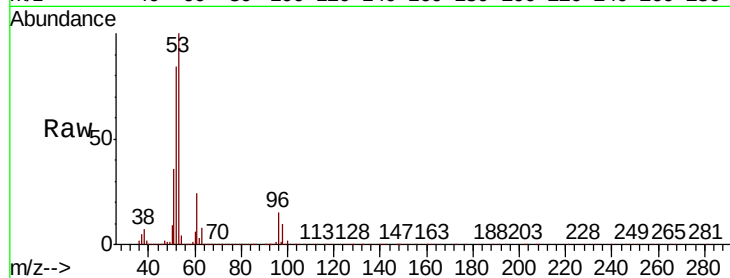




#15
 Acrylonitrile
 Concen: 689.580 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

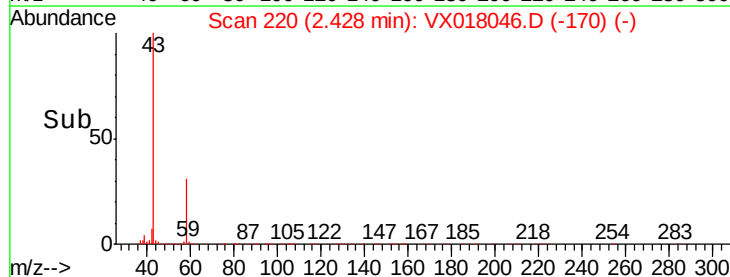
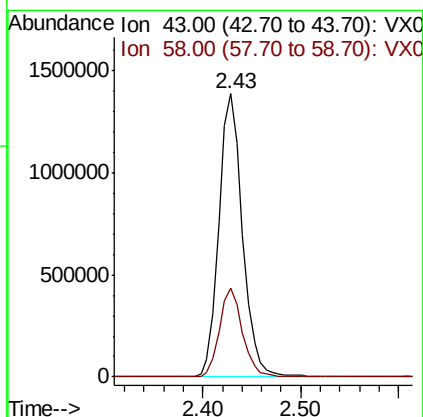
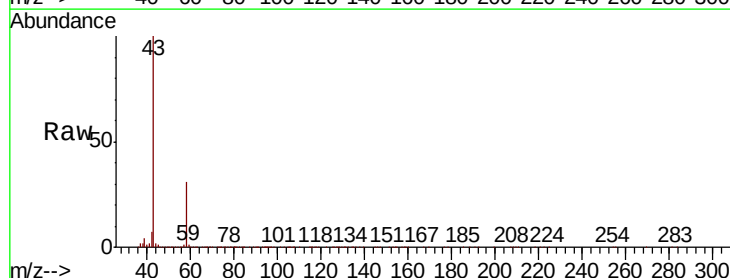
Instrument :
 MSVOA_X
 ClientSampleId :

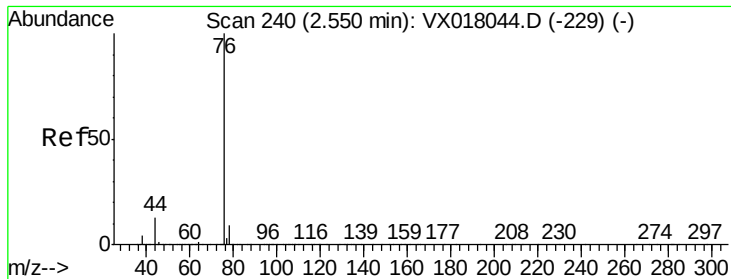
Tot Ion: 53 Resp: 2756852
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.9 100.3
 51 36.0 28.7 43.1



#16
 Acetone
 Concen: 683.071 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 2321613
 Ion Ratio Lower Upper
 43 100
 58 31.3 25.5 38.3





#17

Carbon Disulfide

Concen: 120.831 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

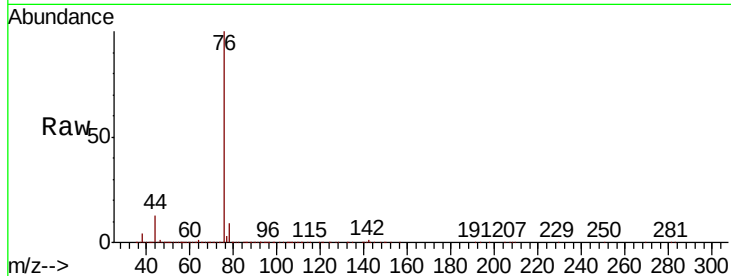
ClientSampleId :

Tot Ion: 76 Resp: 2483132

Ion Ratio Lower Upper

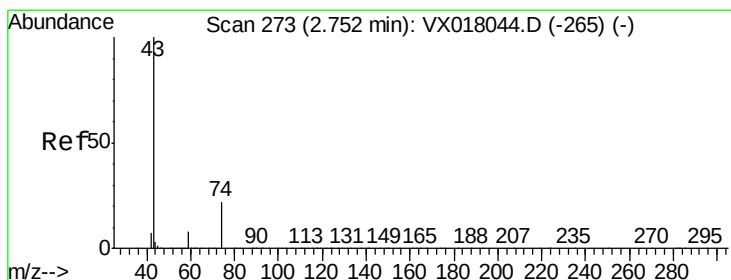
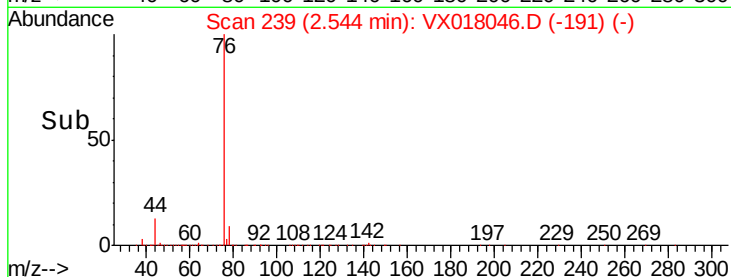
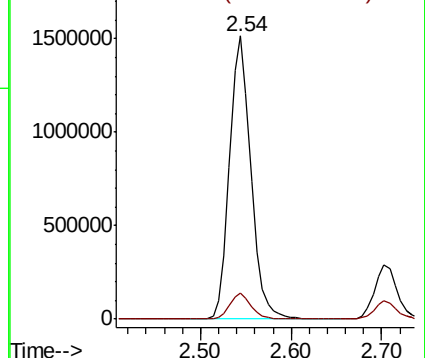
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 140.318 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018046.D

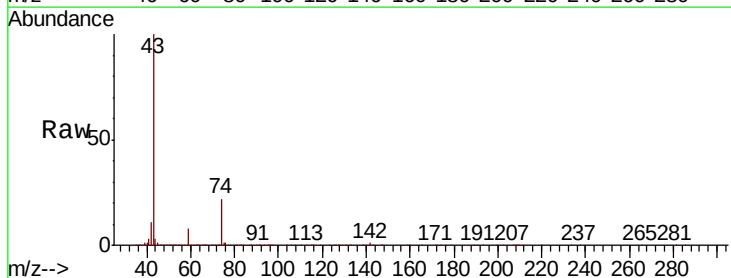
Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 1178326

Ion Ratio Lower Upper

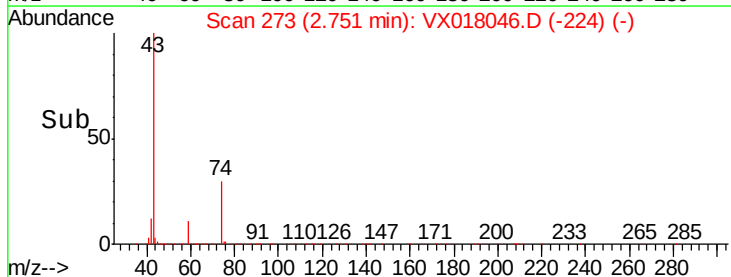
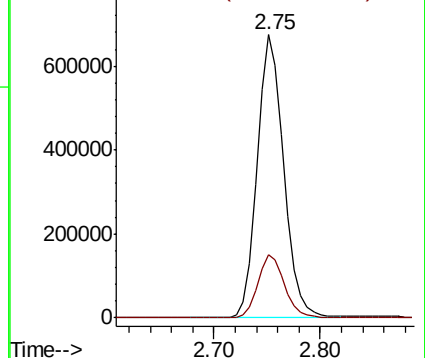
43 100

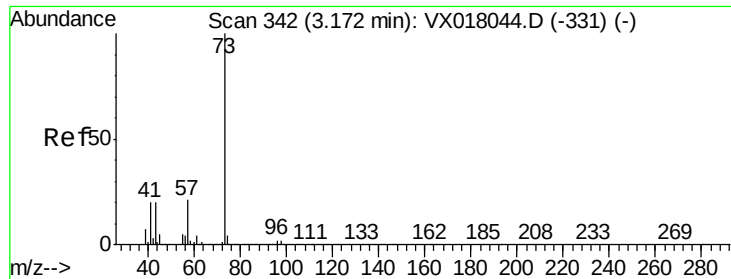
74 22.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



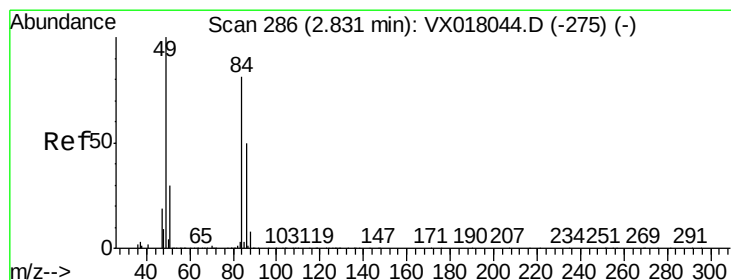
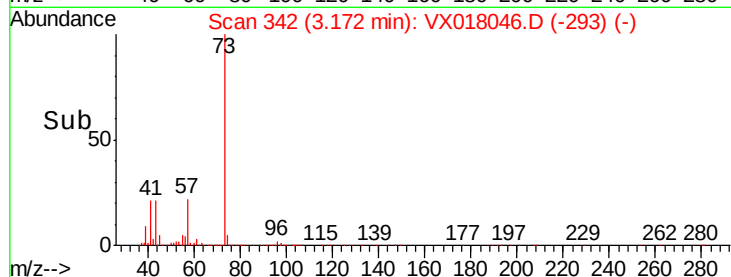
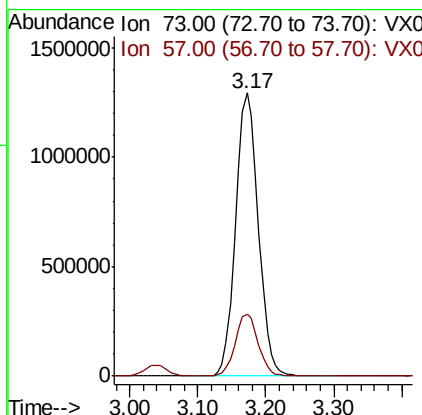
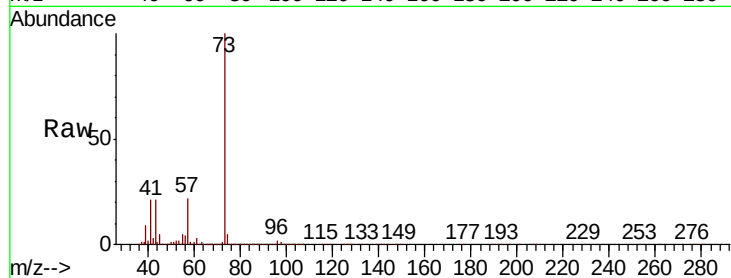


#19

Methyl tert-butyl Ether
 Concen: 142.619 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampled :

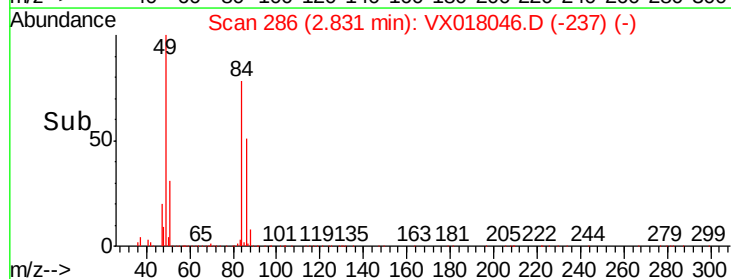
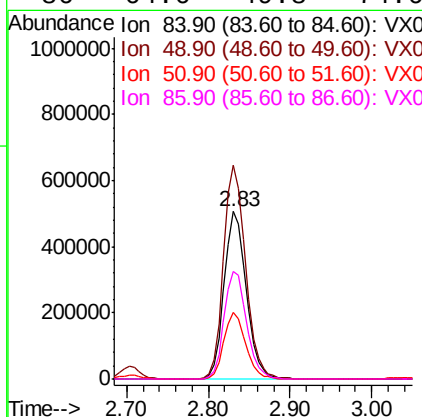
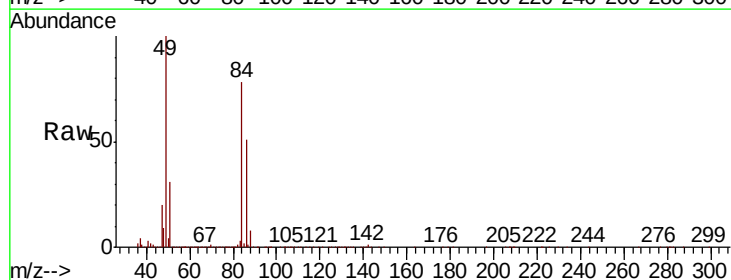
Tot Ion: 73 Resp: 2984543
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.8 25.2

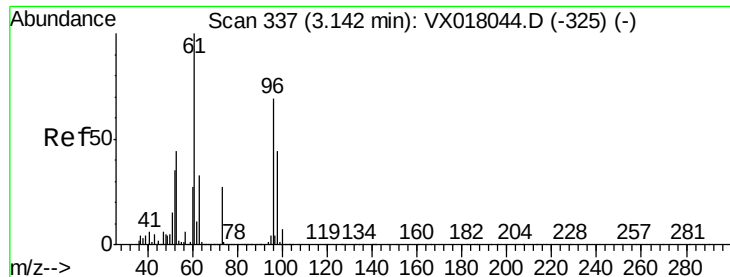


#20

Methylene Chloride
 Concen: 133.570 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 84 Resp: 951399
 Ion Ratio Lower Upper
 84 100
 49 127.4 98.6 148.0
 51 39.8 29.6 44.4
 86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 136.231 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

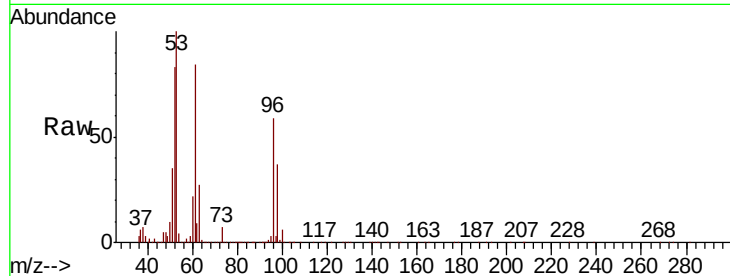
Tot Ion: 96 Resp: 924079

Ion Ratio Lower Upper

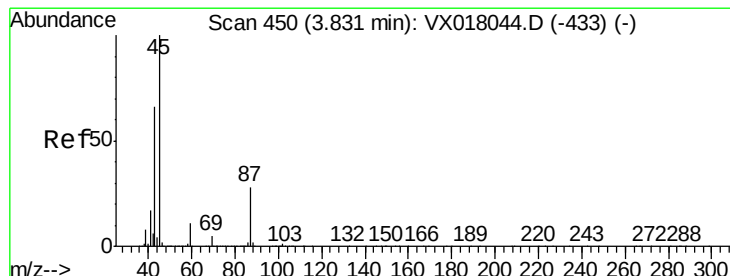
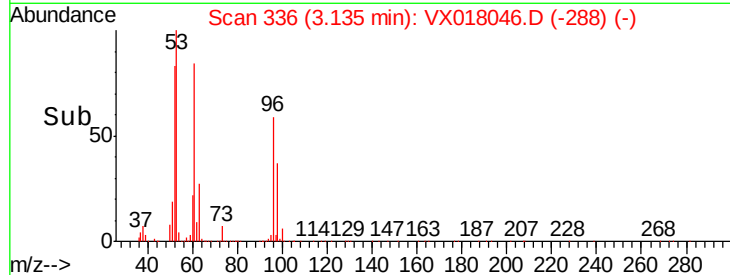
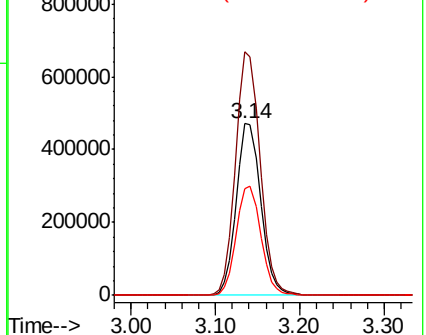
96 100

61 142.0 115.4 173.0

98 62.3 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: 144.811 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Tgt Ion: 45 Resp: 3064491

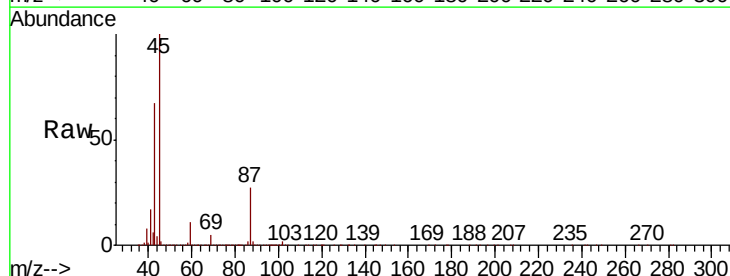
Ion Ratio Lower Upper

45 100

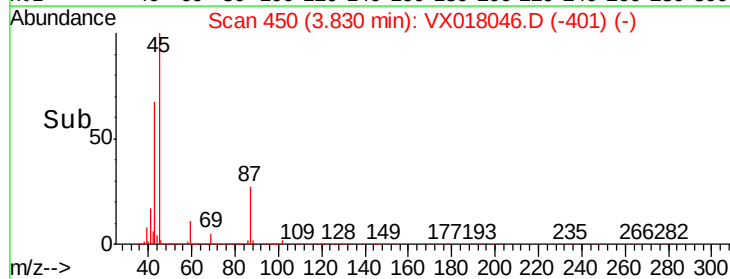
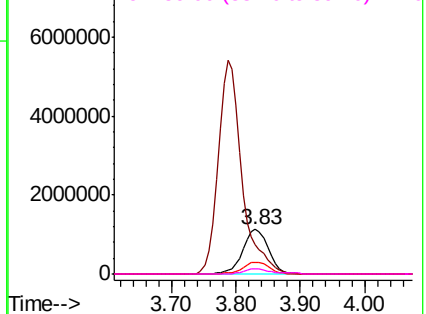
43 66.5 52.8 79.2

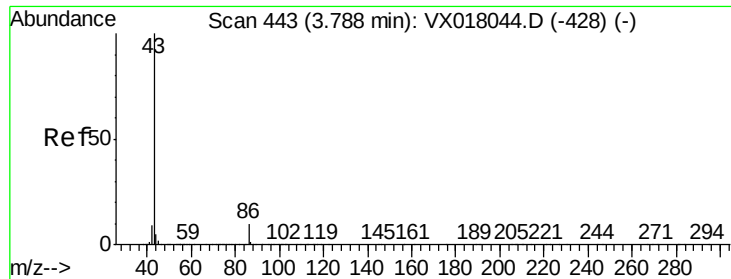
87 26.8 22.5 33.7

59 11.4 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

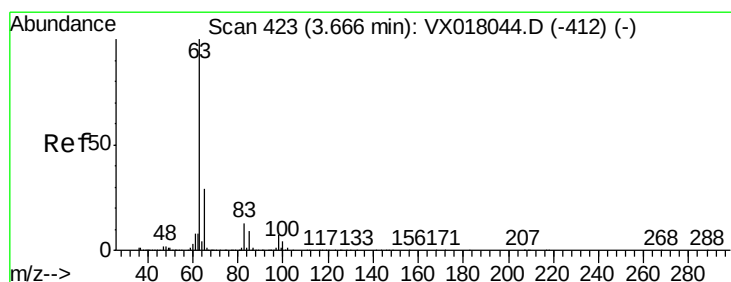
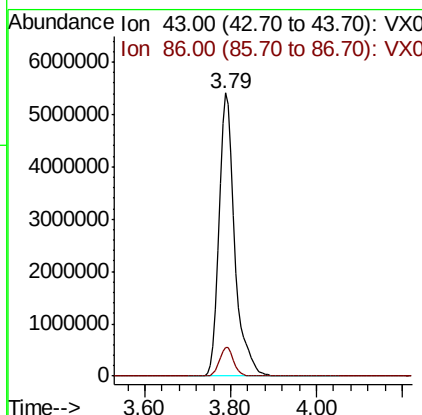
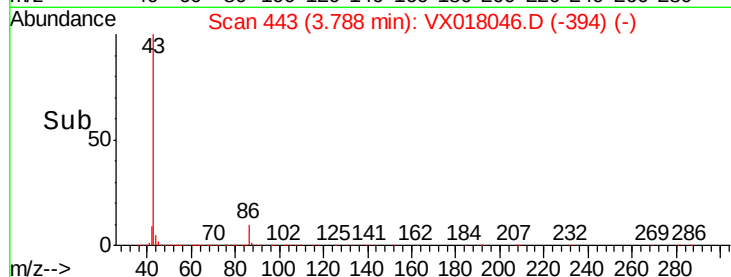
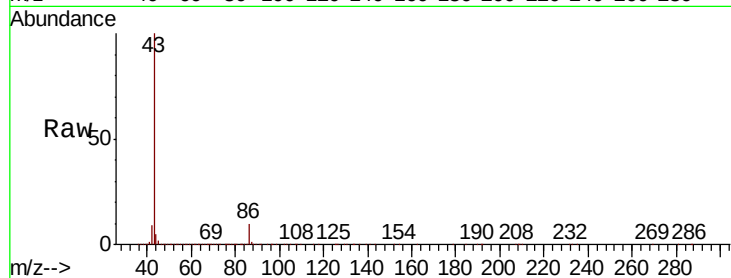




#23
 Vinyl Acetate
 Concen: 748.416 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

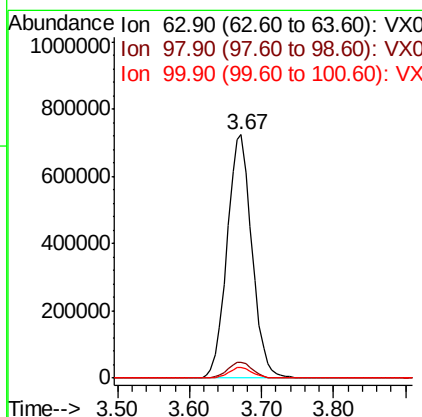
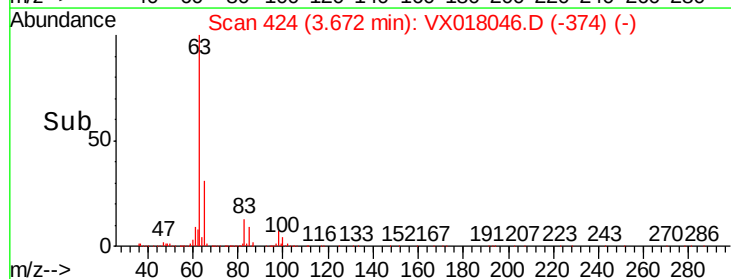
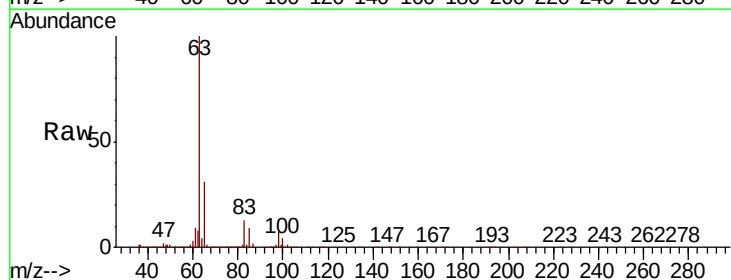
Instrument :
 MSVOA_X
 ClientSampleId :

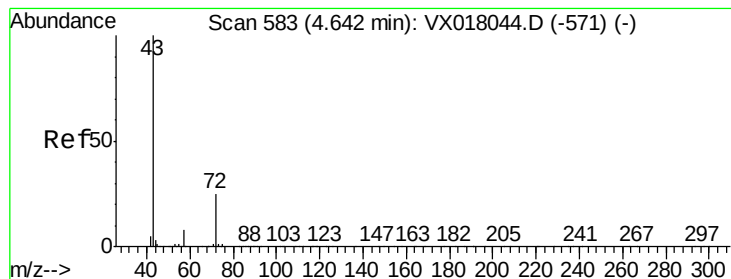
Tot Ion: 43 Resp:13953897
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 146.190 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 63 Resp: 1733337
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 729.179 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

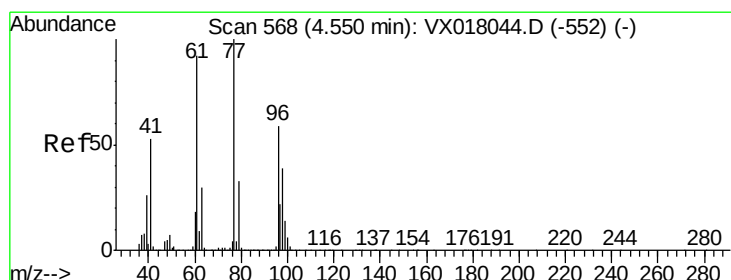
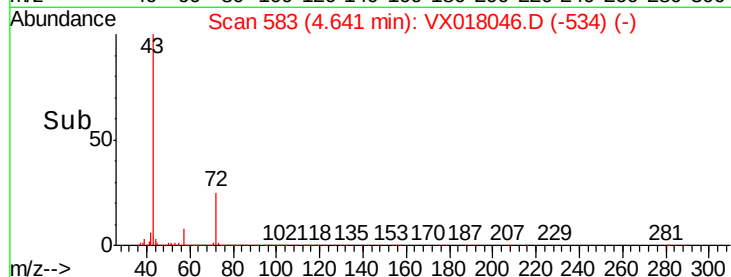
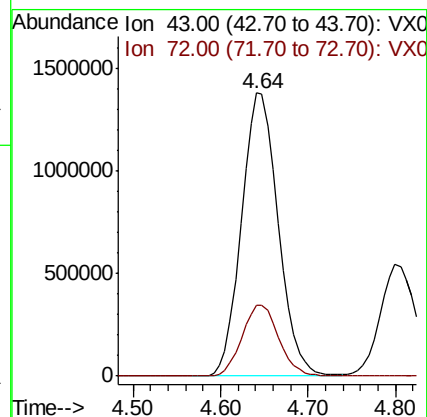
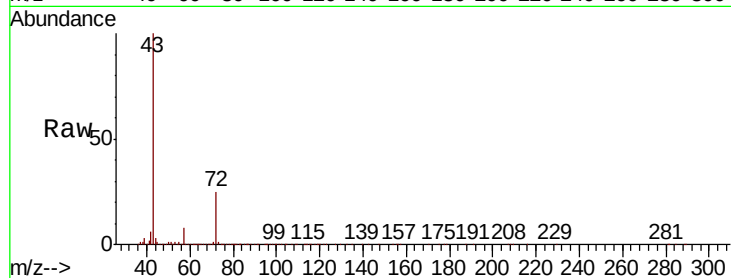
ClientSampled :

Tot Ion: 43 Resp: 4013620

Ion Ratio Lower Upper

43 100

72 25.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 127.580 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018046.D

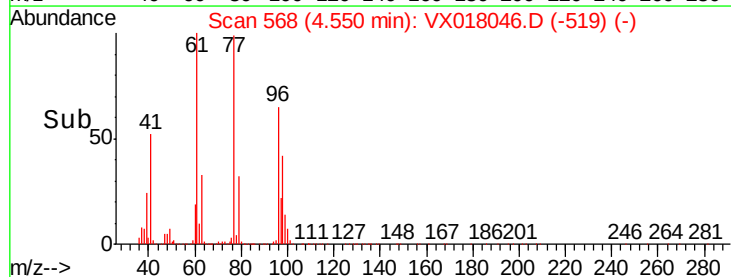
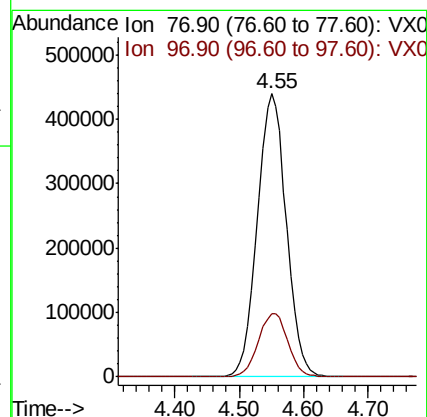
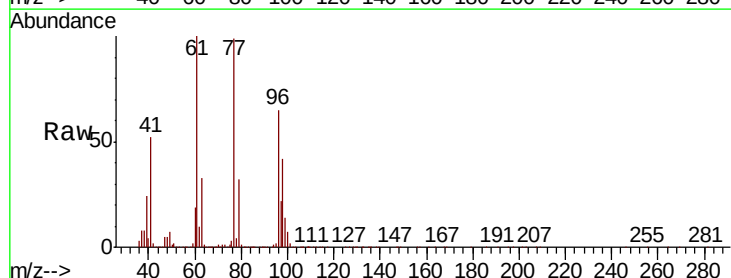
Acq: 20 Aug 2020 20:54

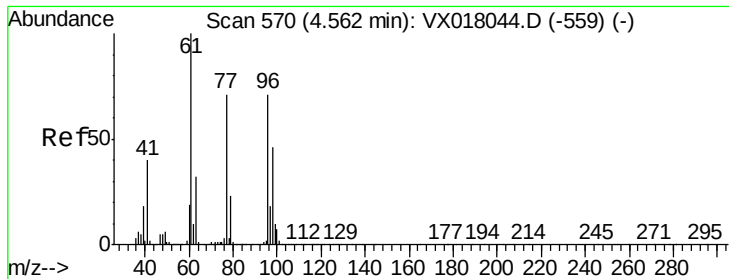
Tgt Ion: 77 Resp: 1355875

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



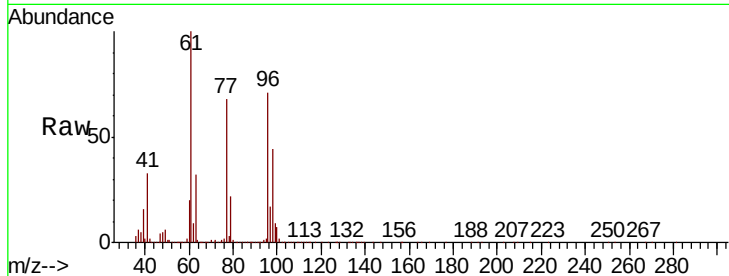


#27

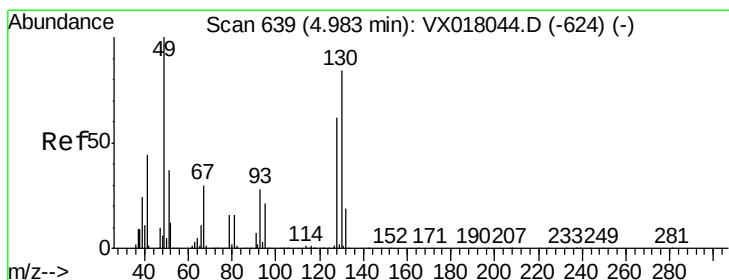
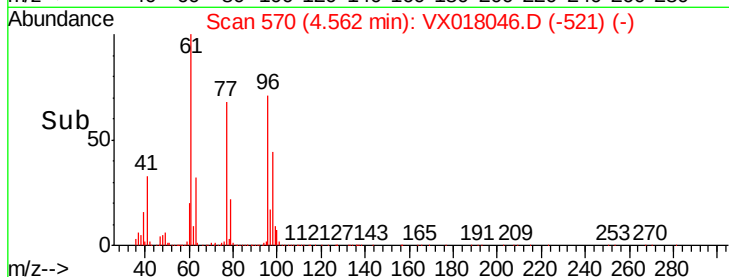
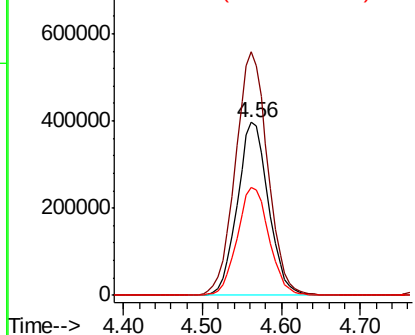
cis-1,2-Dichloroethene
Concen: 146.602 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 1088854
Ion Ratio Lower Upper
96 100
61 145.8 0.0 296.6
98 64.1 0.0 130.2



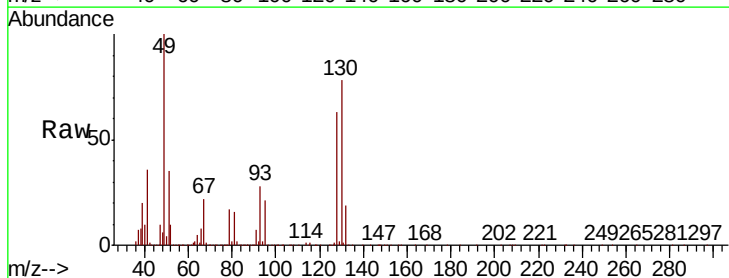
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



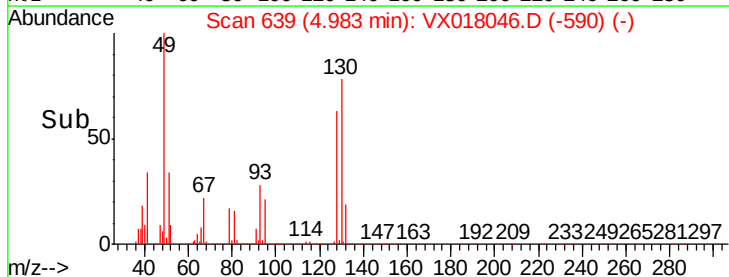
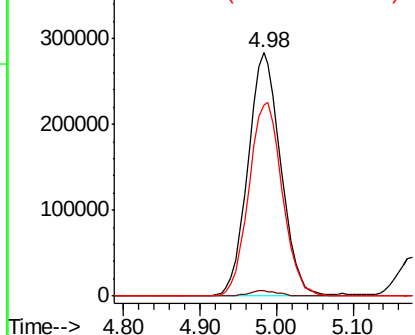
#28

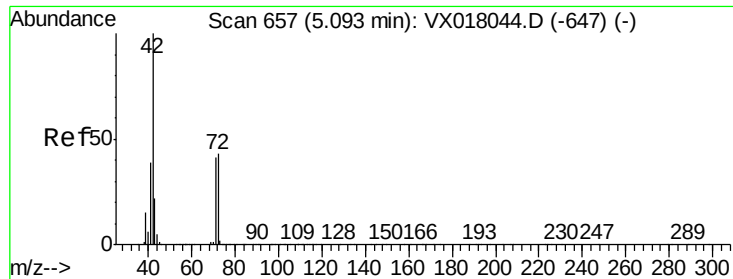
Bromochloromethane
Concen: 155.425 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 49 Resp: 847403
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 81.2 64.6 96.8



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

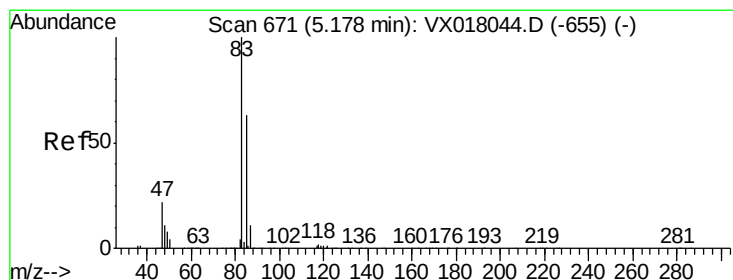
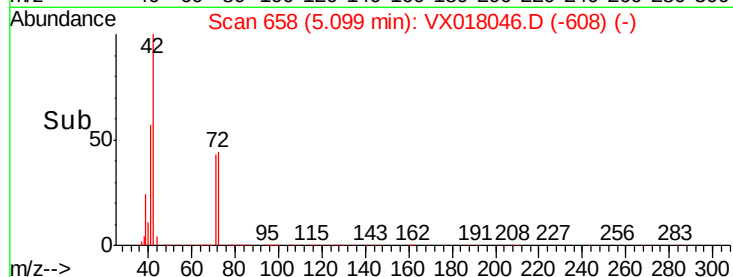
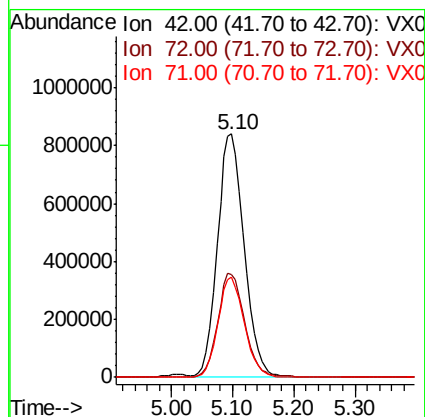
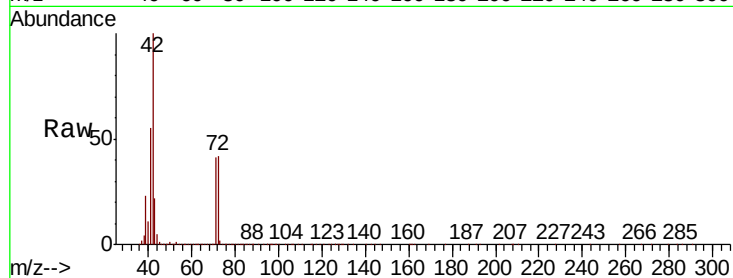




#29
Tetrahydrofuran
Concen: 703.707 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

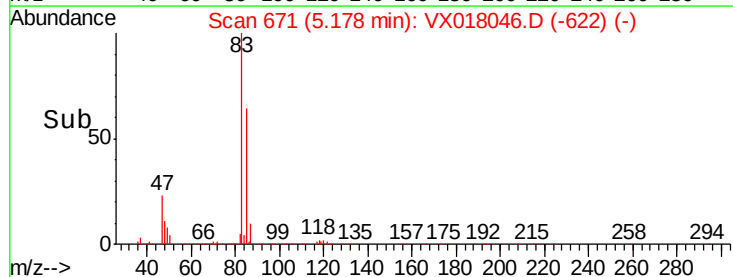
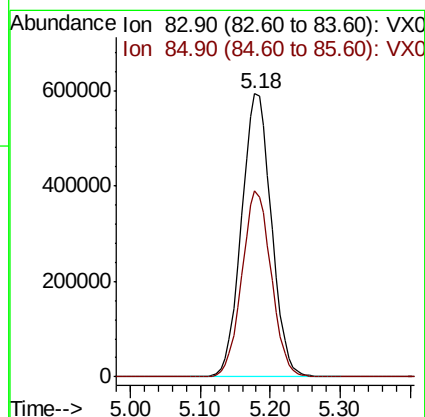
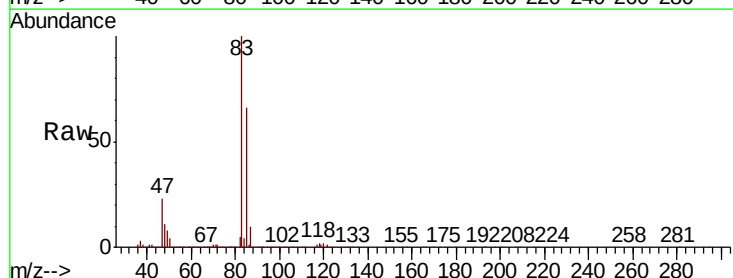
Instrument :
MSVOA_X
ClientSampled :

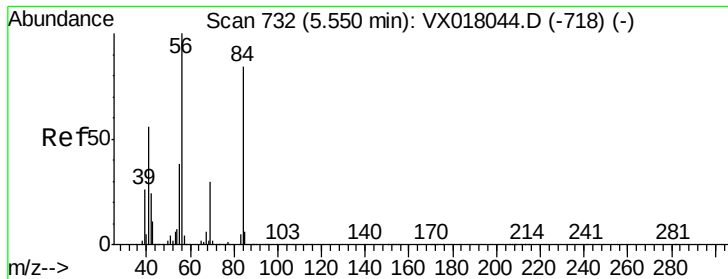
Tot Ion: 42 Resp: 2563803
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.4
71 40.6 32.1 48.1



#30
Chloroform
Concen: 148.551 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 83 Resp: 1760547
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1

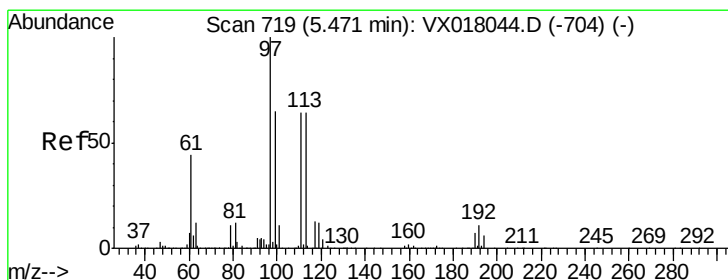
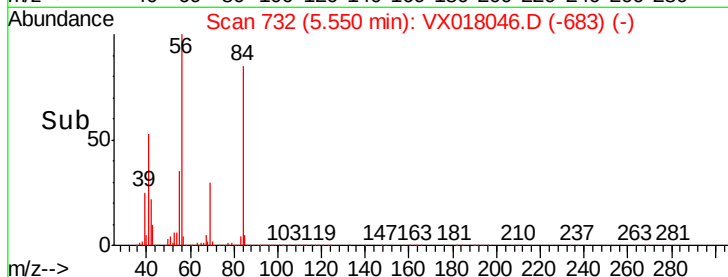
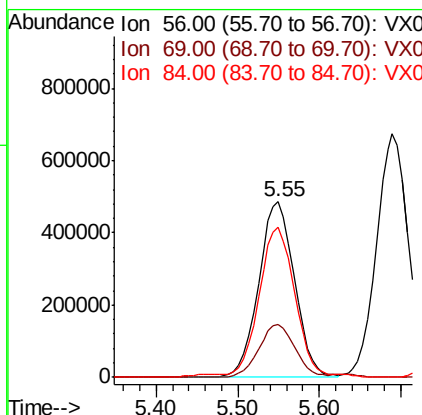
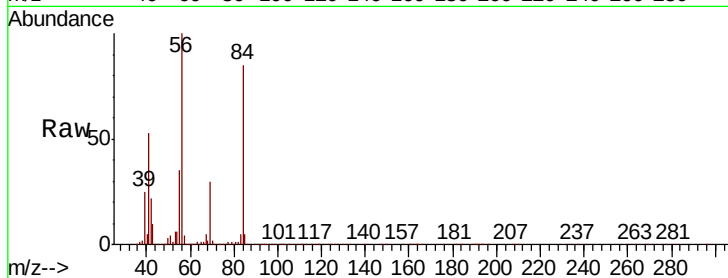




#31
Cyclohexane
Concen: 140.430 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

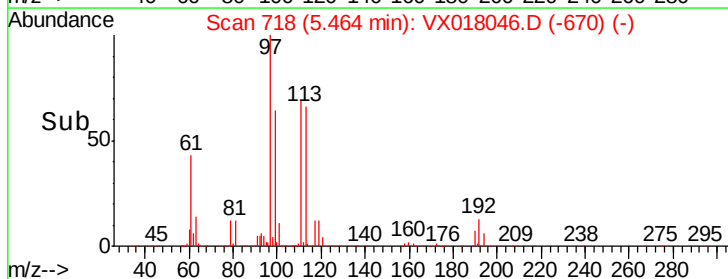
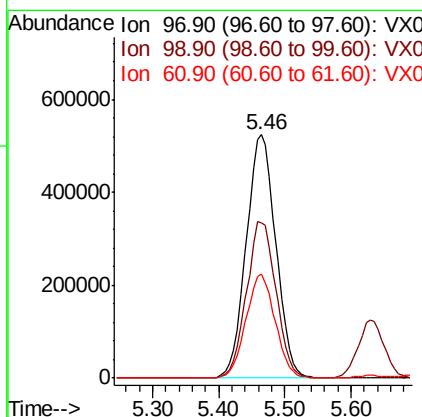
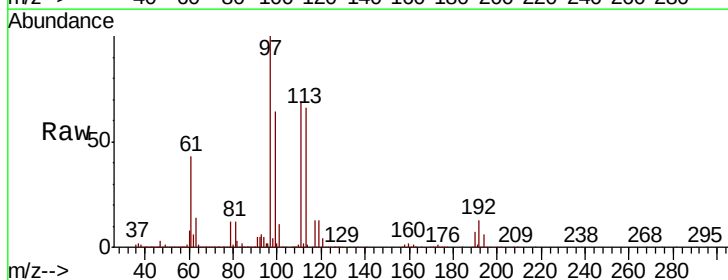
Instrument :
MSVOA_X
ClientSampled :

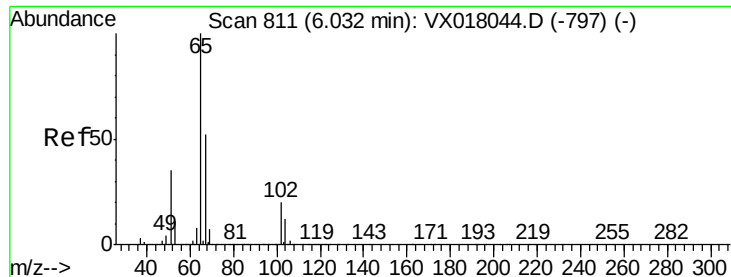
Tot Ion: 56 Resp: 1485170
Ion Ratio Lower Upper
56 100
69 30.0 23.9 35.9
84 84.3 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 151.401 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 97 Resp: 1633014
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 157.218 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

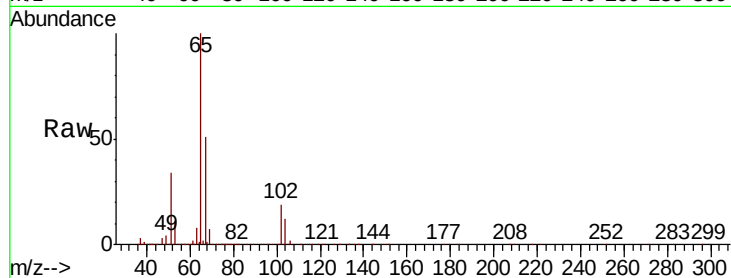
ClientSampled :

Tot Ion: 65 Resp: 1239501

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

500000

400000

300000

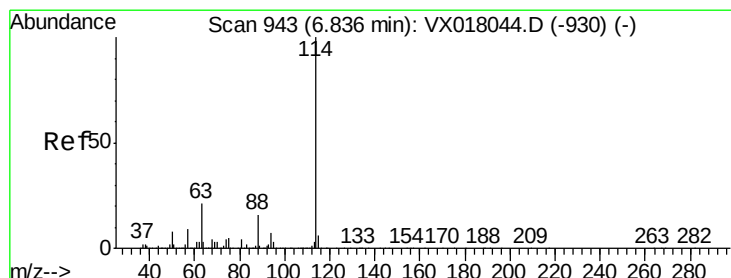
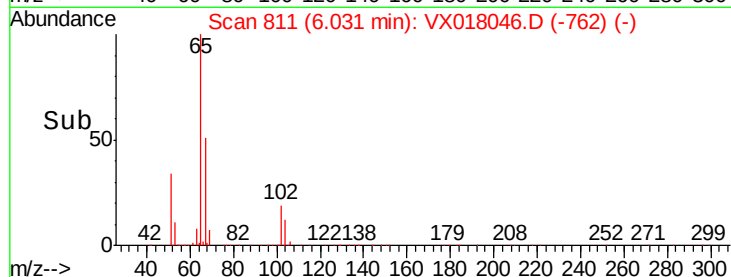
200000

100000

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: VX018046.D

Acq: 20 Aug 2020 20:54

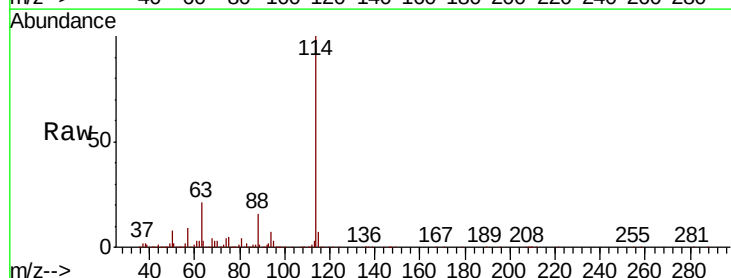
Tgt Ion: 114 Resp: 965062

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.4 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

6.83

500000

400000

300000

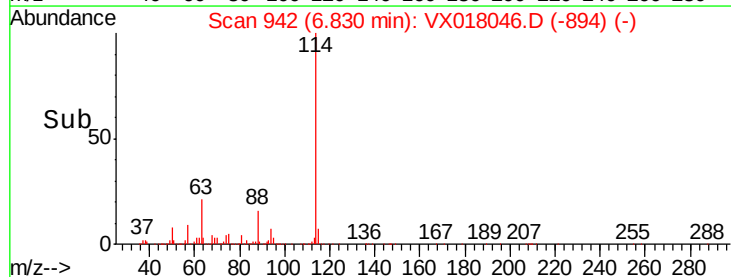
200000

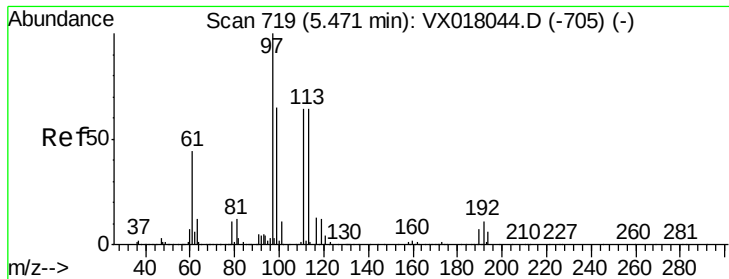
100000

0

Time-->

6.70 6.80 6.90 7.00

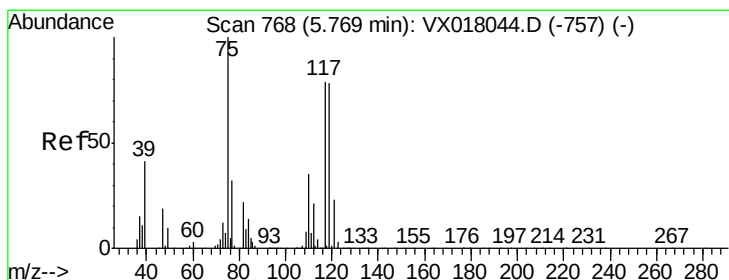
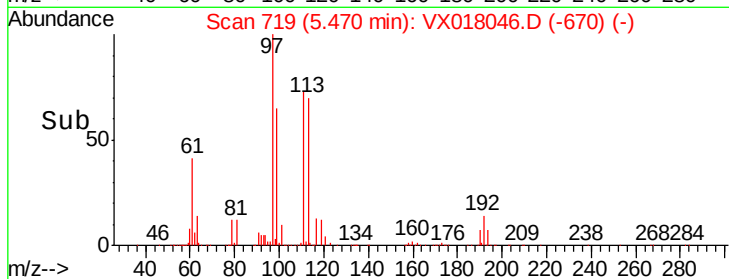
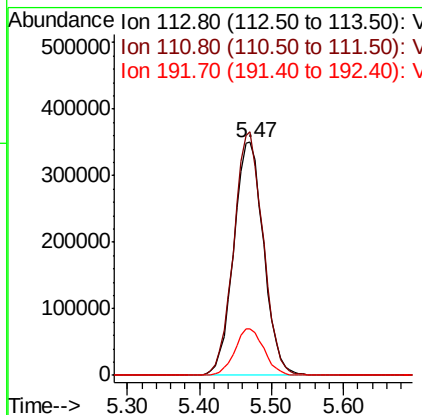
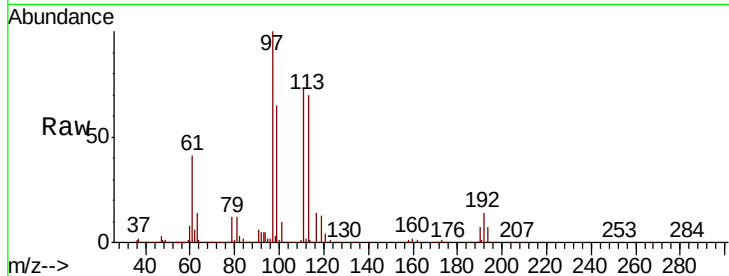




#35
 Dibromofluoromethane
 Concen: 161.726 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

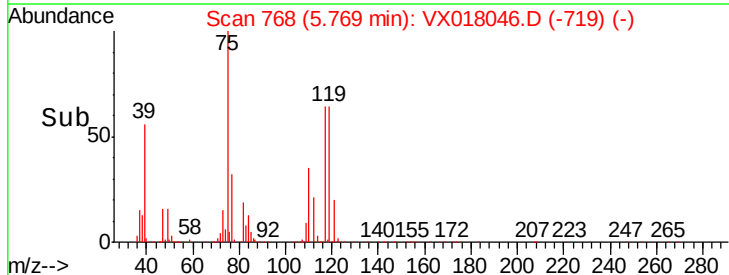
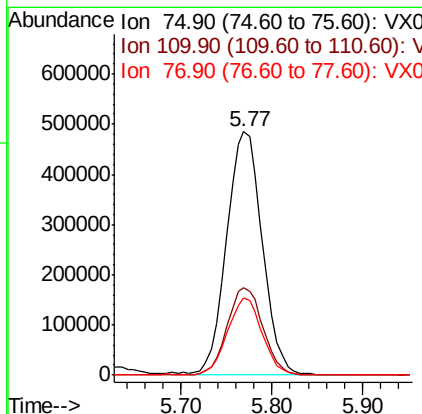
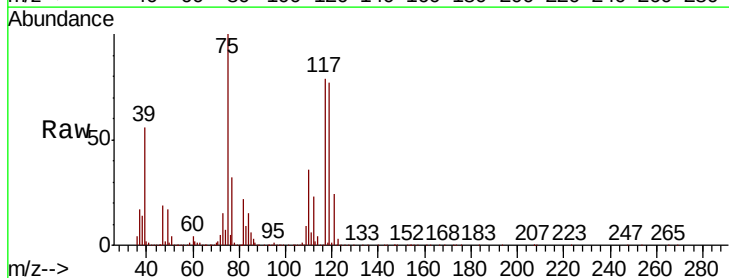
Instrument :
 MSVOA_X
 ClientSampled :

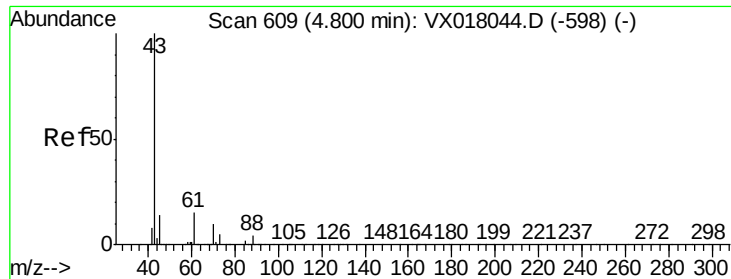
Tot Ion:113 Resp: 1010331
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 139.426 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 75 Resp: 1320309
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.0 54.0
 77 30.8 24.4 36.6

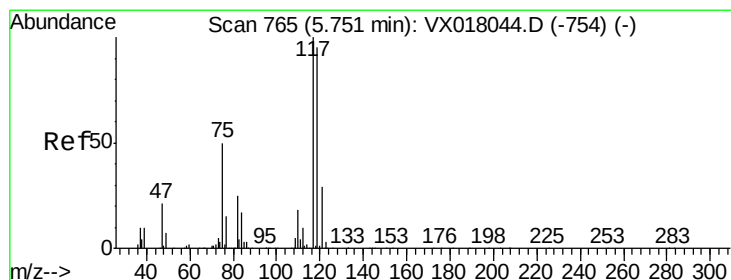
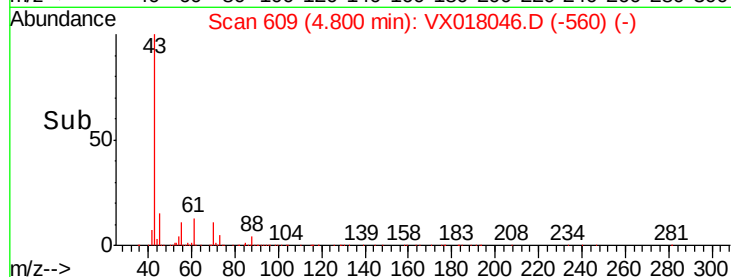
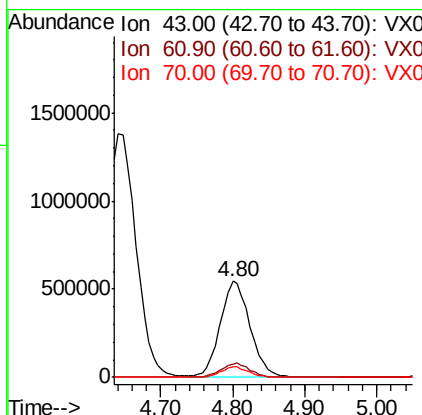
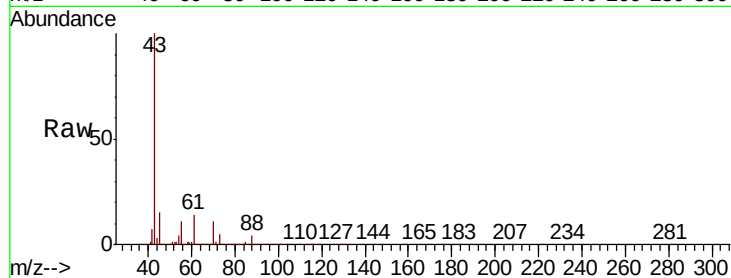




#37
Ethyl Acetate
Concen: 144.264 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

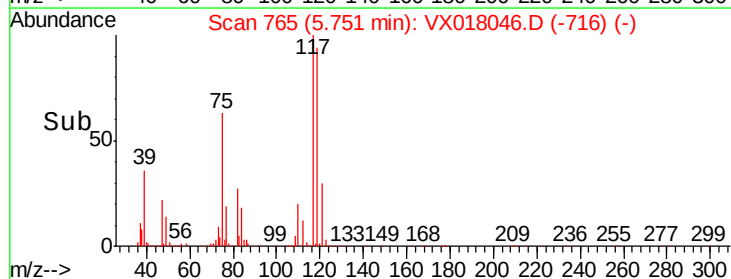
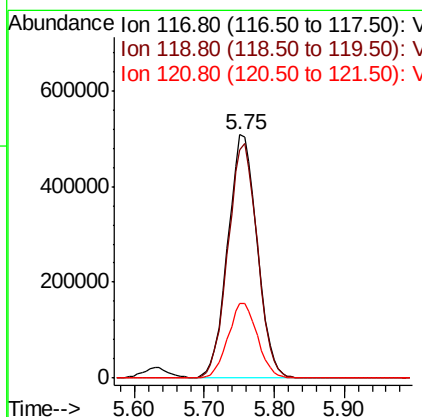
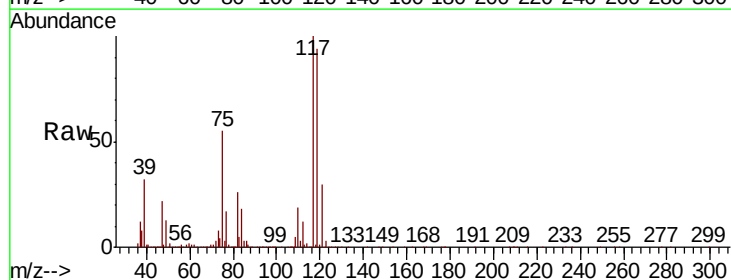
Instrument :
MSVOA_X
ClientSampleId :

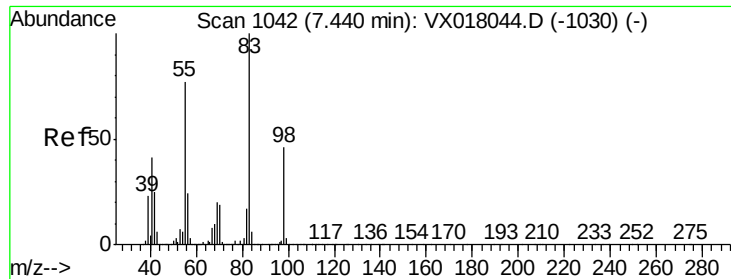
Tot Ion: 43 Resp: 1568503
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 151.718 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 117 Resp: 1480488
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 30.5 23.4 35.0

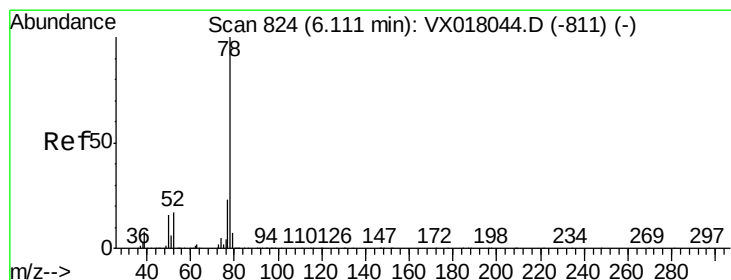
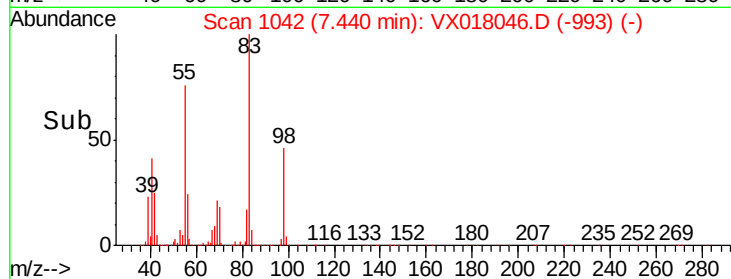
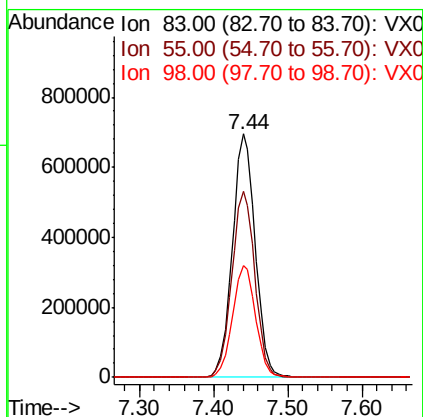
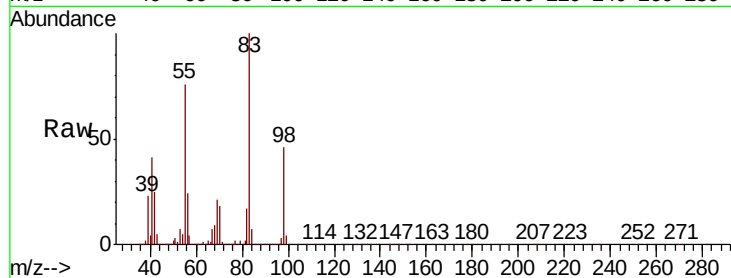




#39
Methylvlcyclohexane
Concen: 132.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

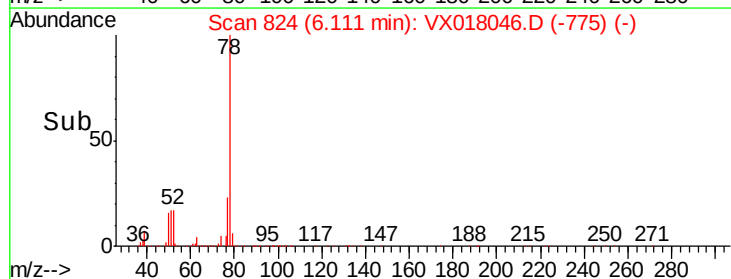
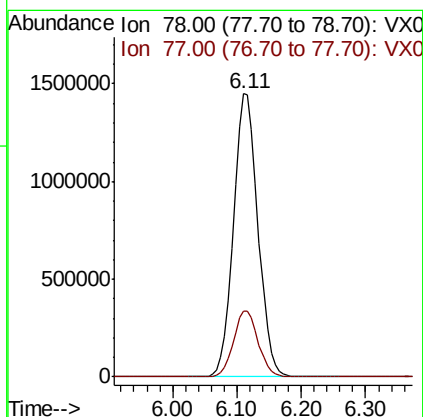
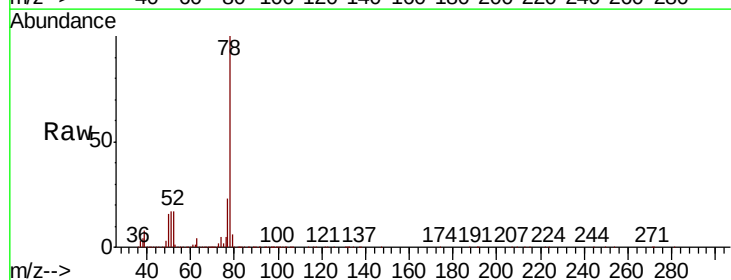
Instrument :
MSVOA_X
ClientSampleId :

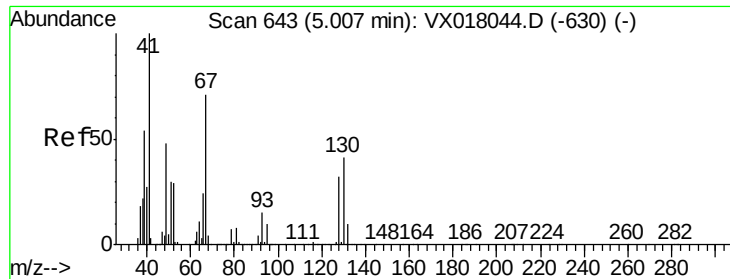
Tot Ion: 83 Resp: 1490583
Ion Ratio Lower Upper
83 100
55 76.2 61.8 92.6
98 46.0 36.6 55.0



#40
Benzene
Concen: 138.306 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 78 Resp: 3814879
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2

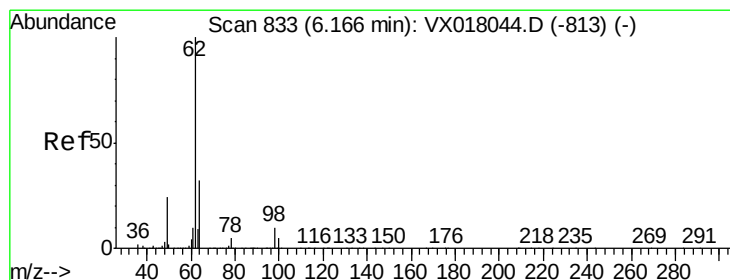
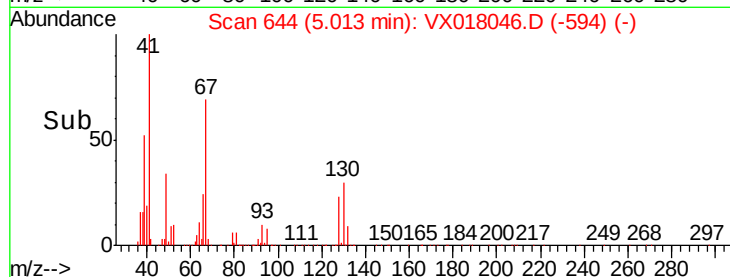
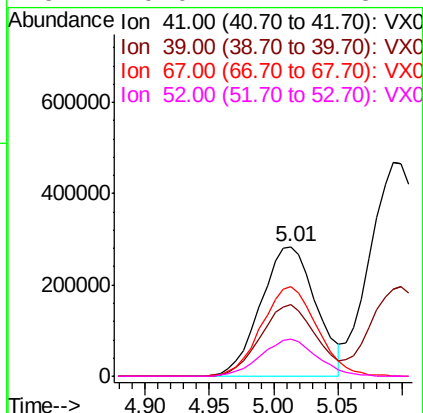
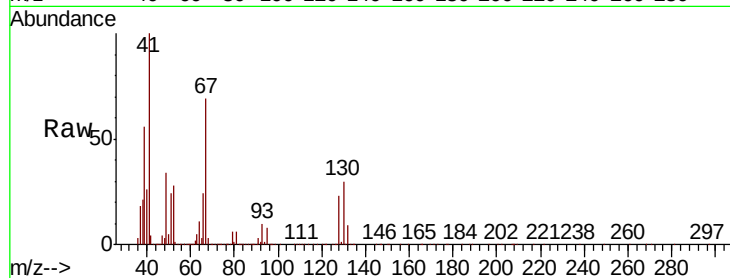




#41
Methacrylonitrile
Concen: 144.197 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

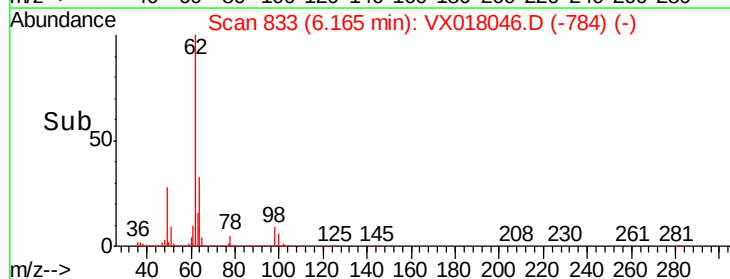
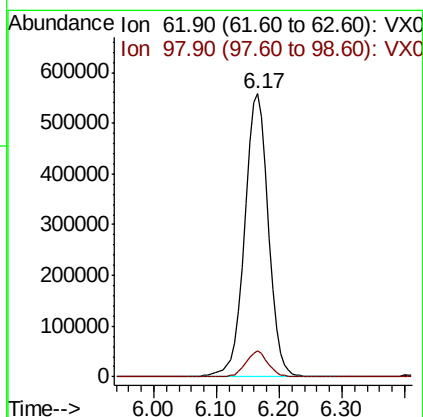
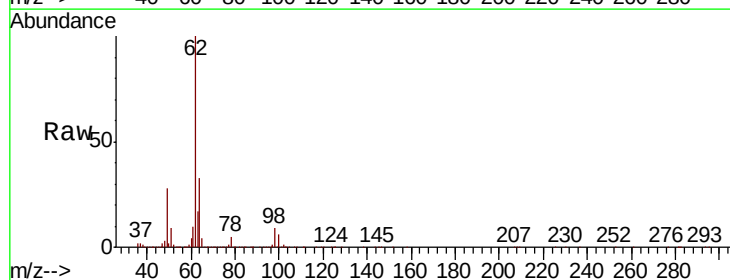
Instrument :
MSVOA_X
ClientSampleId :

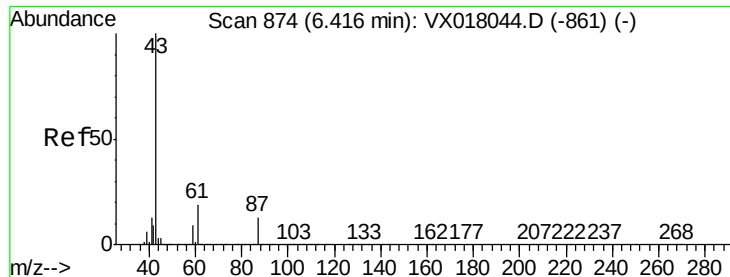
Tot Ion:	41	Resp:	847849
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.1	64.7
67	69.8	56.0	84.0
52	29.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 145.194 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:	62	Resp:	1457469
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 146.461 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

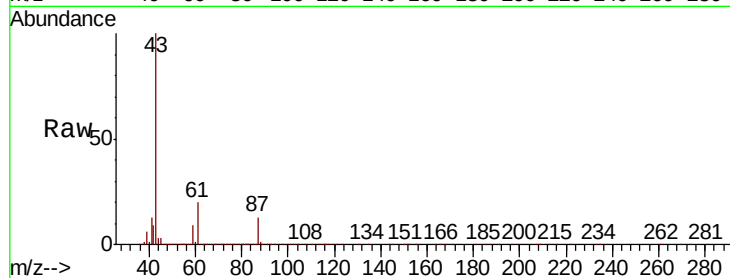
Tot Ion: 43 Resp: 2557578

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

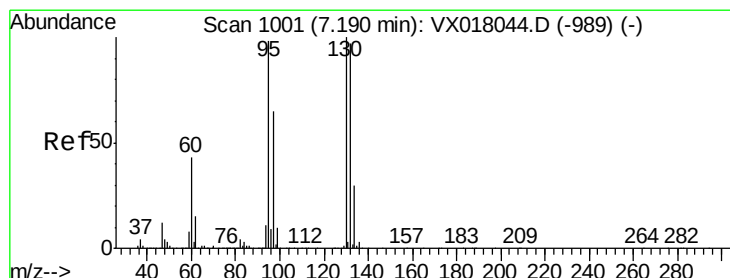
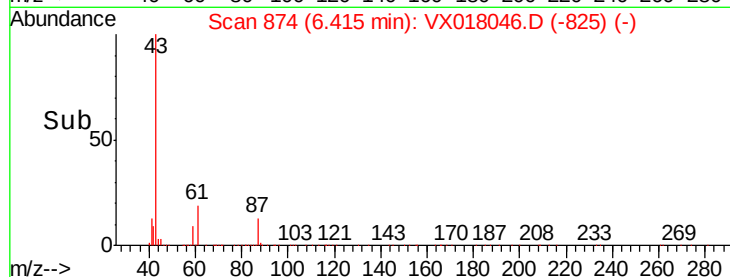
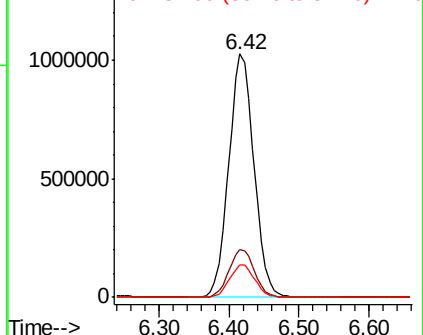
87 13.2 10.3 15.5



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: 113.870 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018046.D

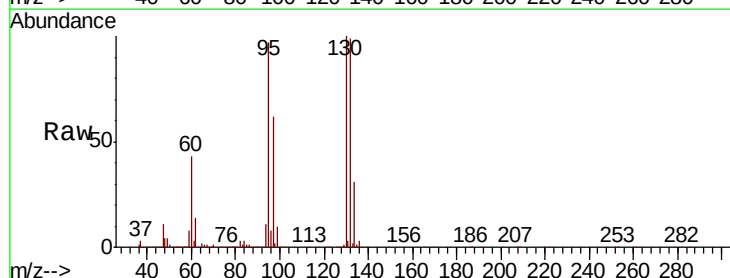
Acq: 20 Aug 2020 20:54

Tgt Ion:130 Resp: 1085766

Ion Ratio Lower Upper

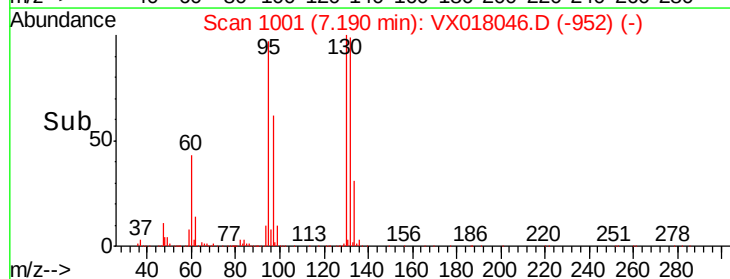
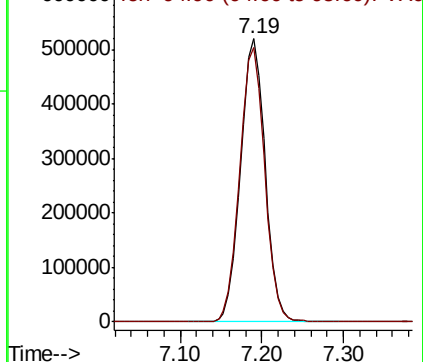
130 100

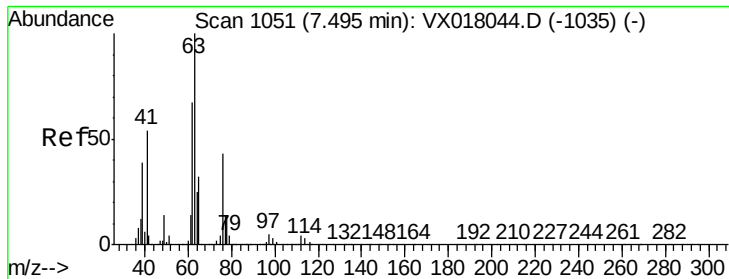
95 96.8 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

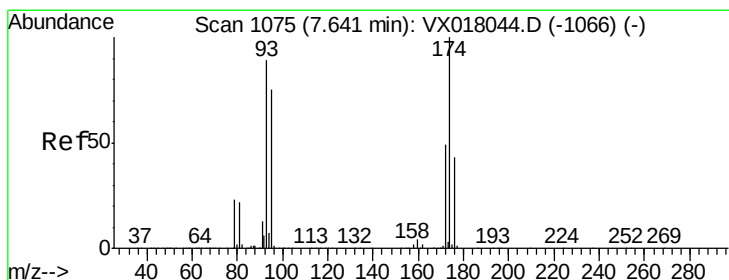
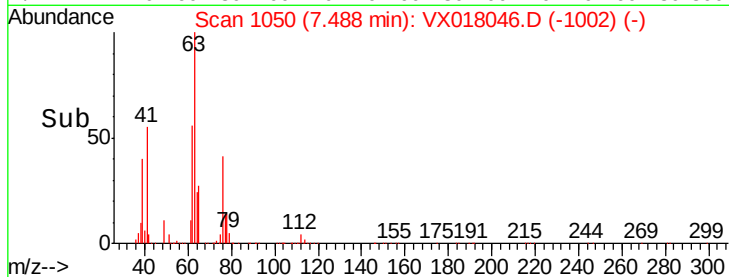
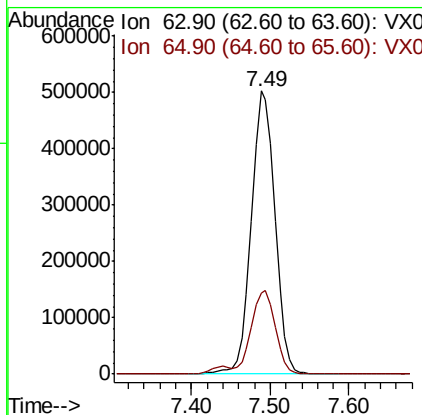
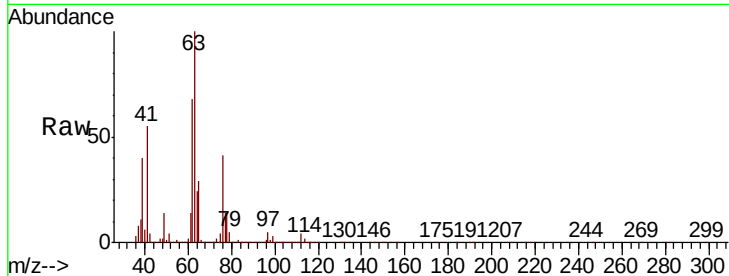




#45
 1,2-Dichloropropane
 Concen: 149.021 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

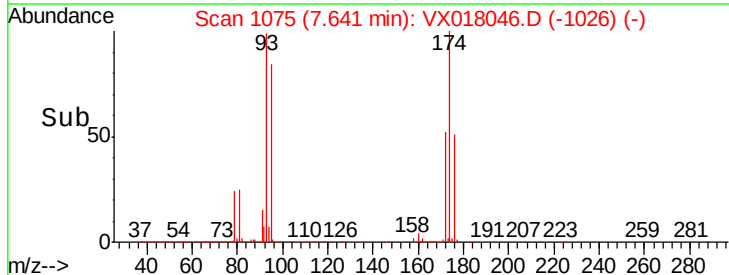
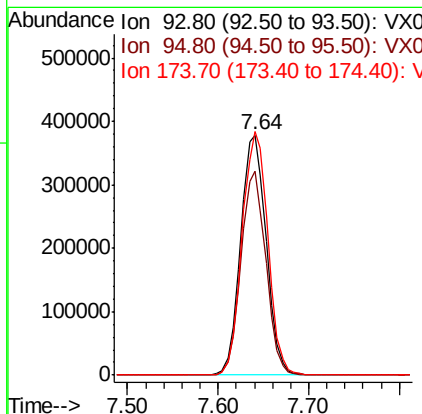
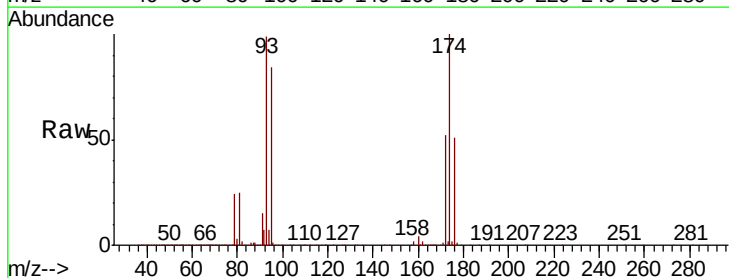
Instrument :
 MSVOA_X
 ClientSampled :

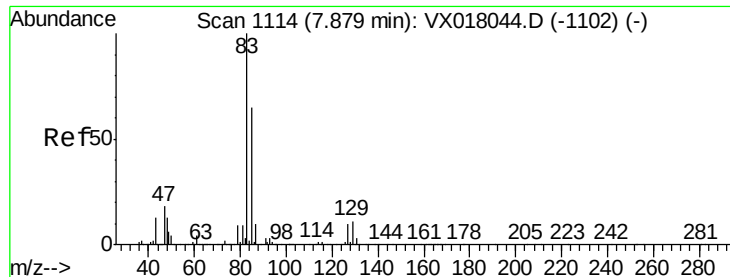
Tot Ion: 63 Resp: 1050710
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.7 38.5



#46
 Dibromomethane
 Concen: 153.742 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 93 Resp: 739791
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.3 100.9
 174 102.2 82.2 123.2





#47

Bromodichloromethane

Concen: 152.171 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

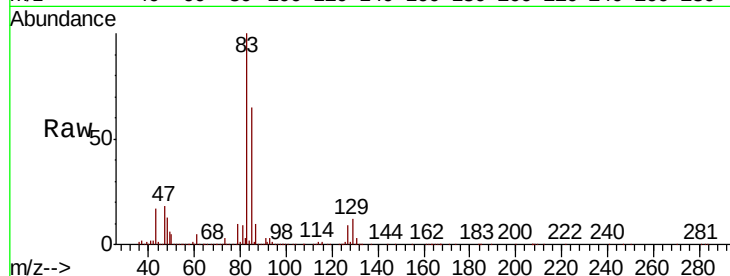
Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 1487532

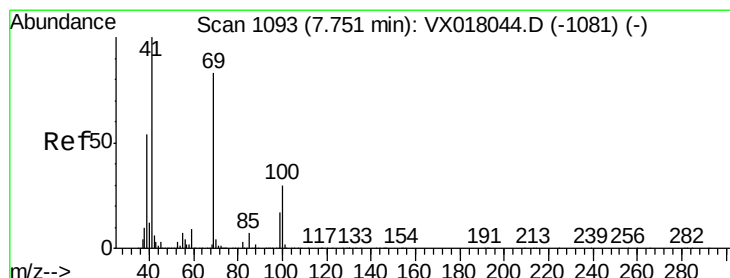
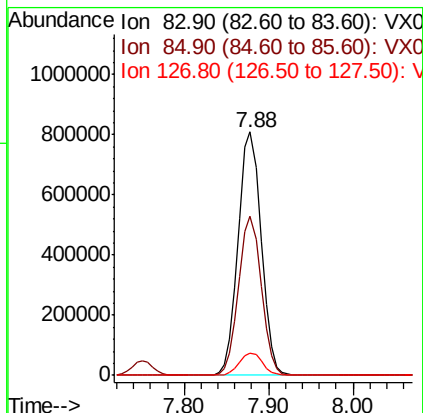
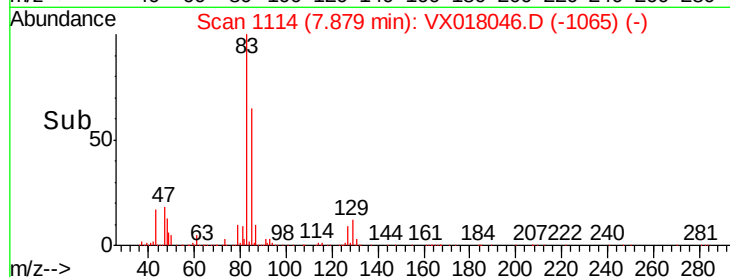
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6
127	9.2	7.7	11.5



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: 158.620 ug/l

RT: 7.75 min Scan# 1093

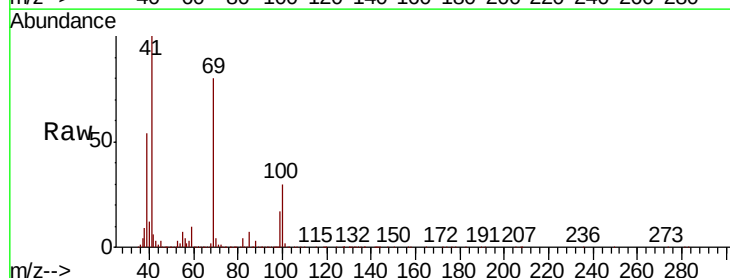
Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Tgt Ion: 41 Resp: 1321187

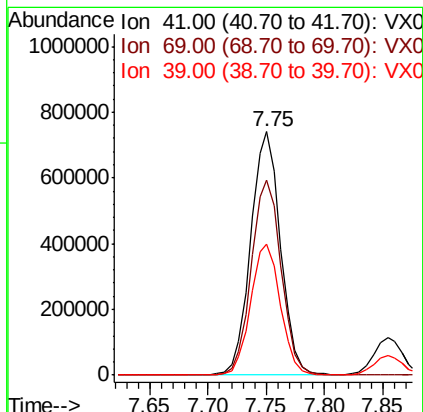
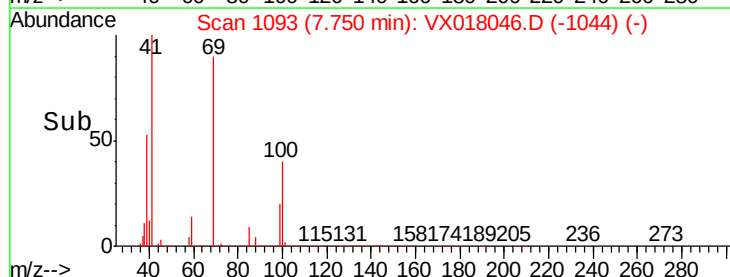
Ion	Ratio	Lower	Upper
41	100		
69	80.6	65.5	98.3
39	53.9	44.5	66.7

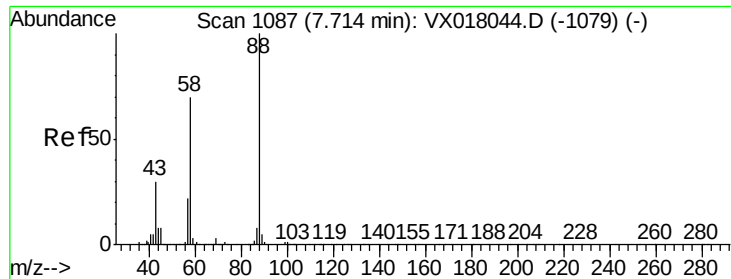


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

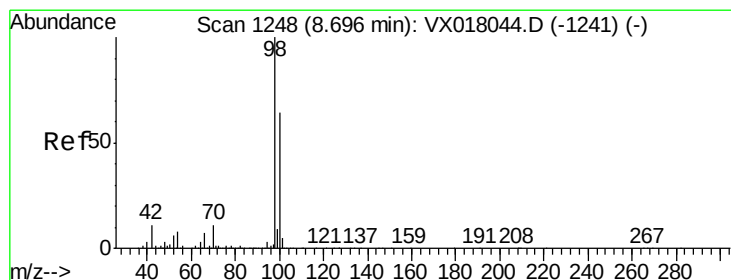
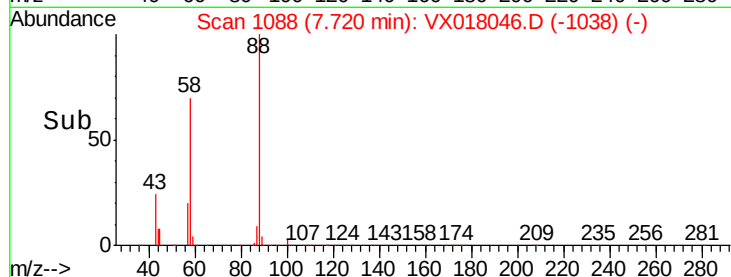
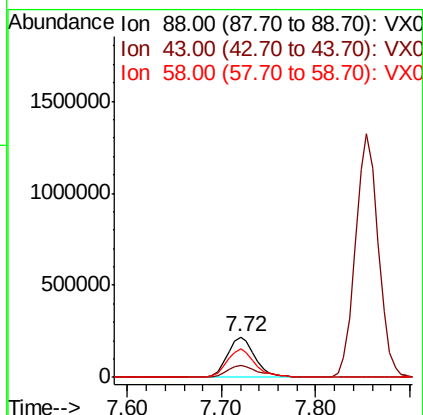
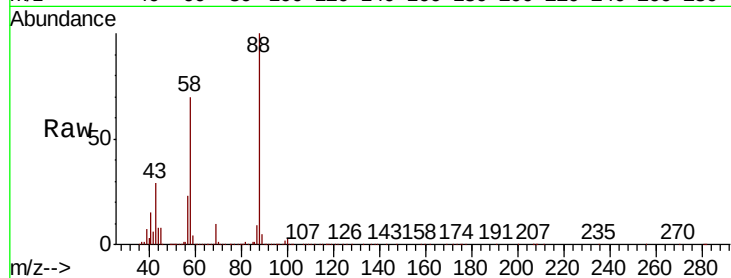




#49
1,4-Dioxane
Concen: 2298.130 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

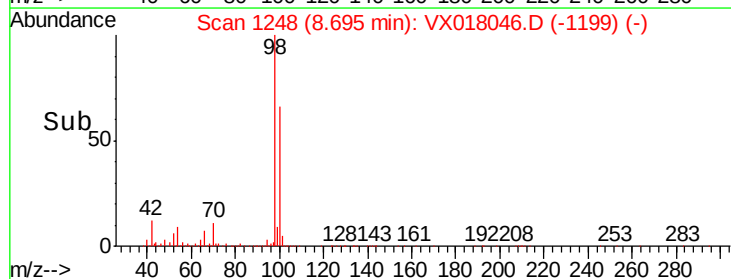
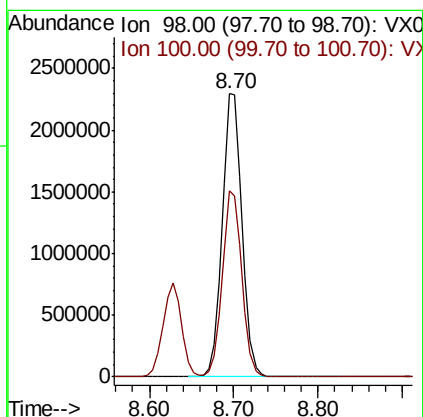
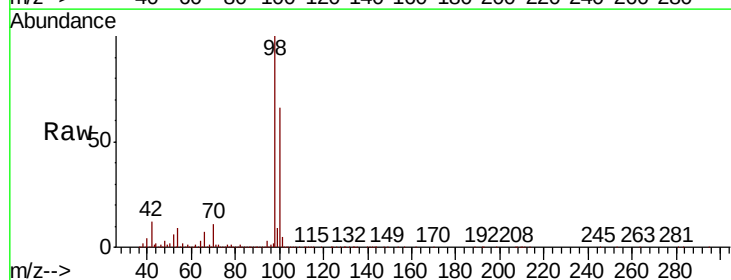
Instrument :
MSVOA_X
ClientSampleId :

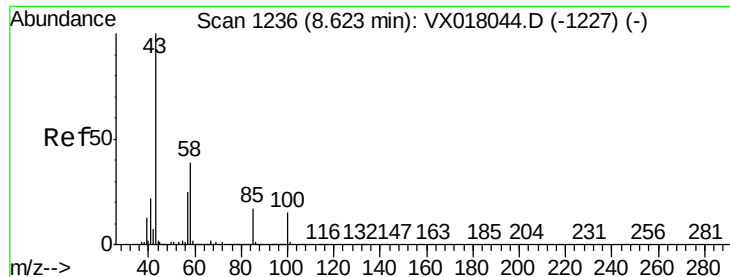
Tot Ion: 88 Resp: 444186
Ion Ratio Lower Upper
88 100
43 34.8 27.4 41.0
58 71.8 56.4 84.6



#50
Toluene-d8
Concen: 155.097 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 98 Resp: 3704109
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

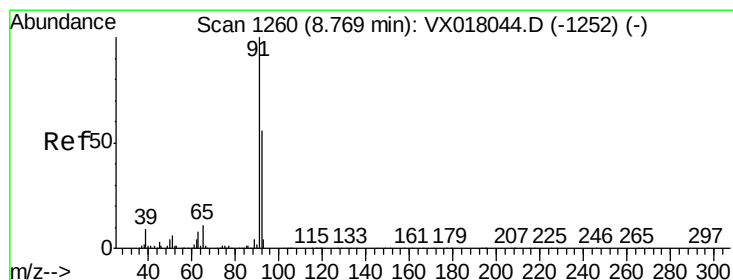
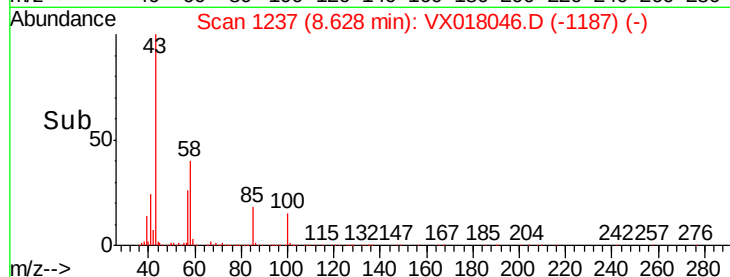
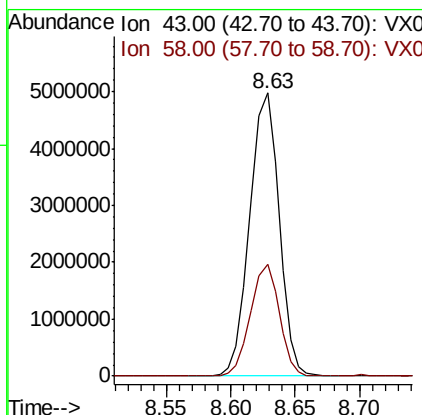
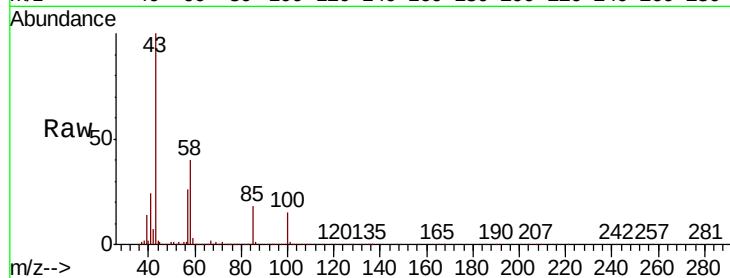




#51
 4-Methyl-2-Pentanone
 Concen: 733.330 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

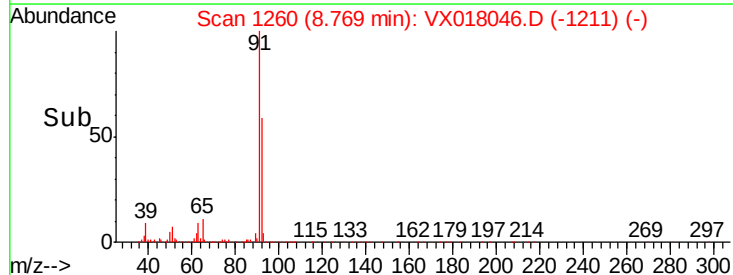
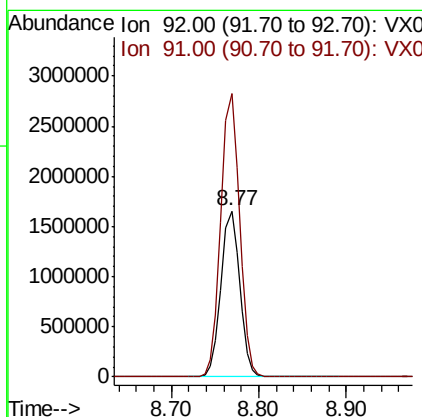
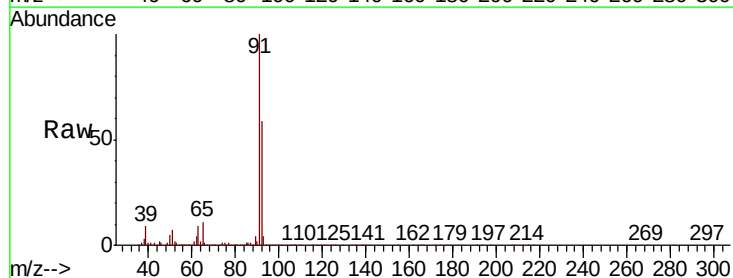
Instrument :
 MSVOA_X
 ClientSampleId :

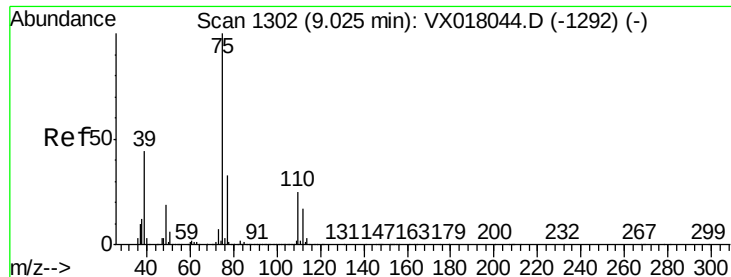
Tot Ion: 43 Resp: 7837953
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.7 46.1



#52
 Toluene
 Concen: 142.479 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 92 Resp: 2455316
 Ion Ratio Lower Upper
 92 100
 91 171.6 140.3 210.5

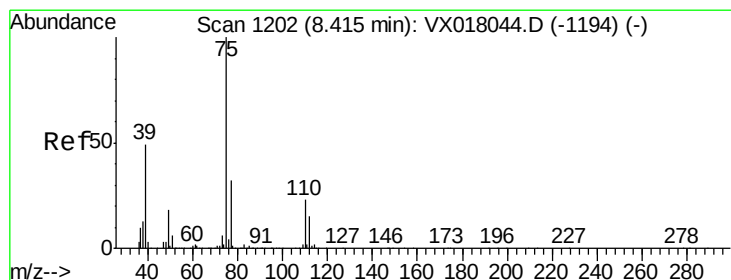
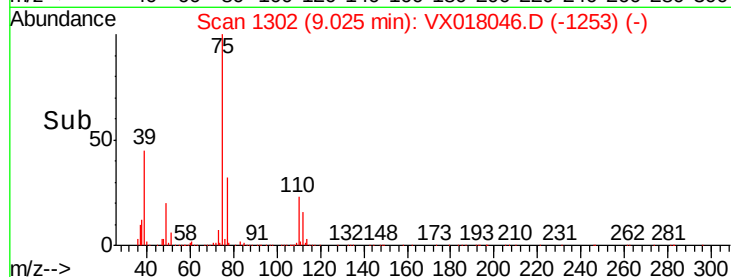
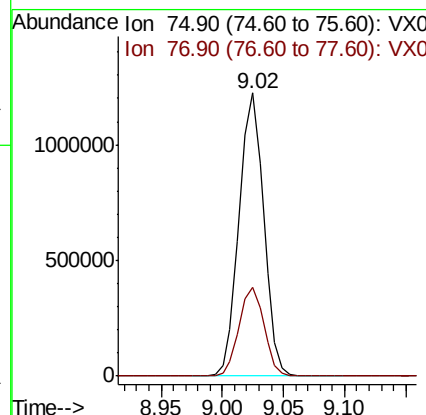
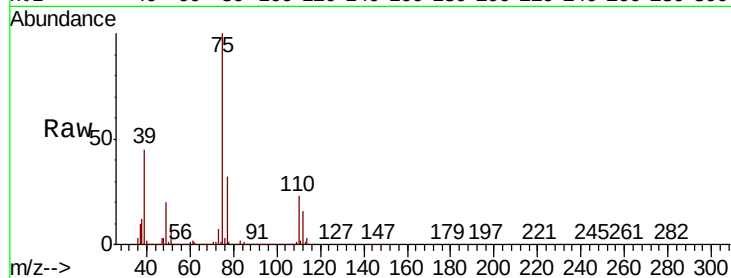




#53
 t-1,3-Dichloropropene
 Concen: 147.875 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

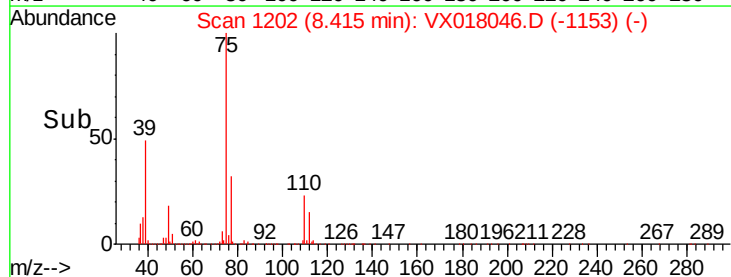
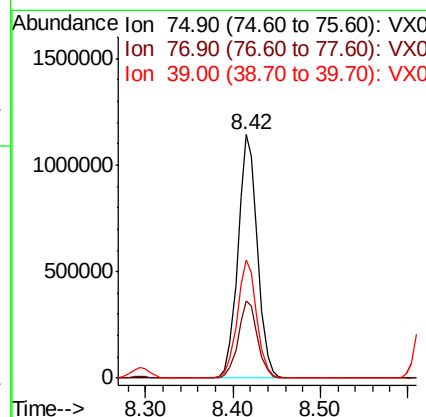
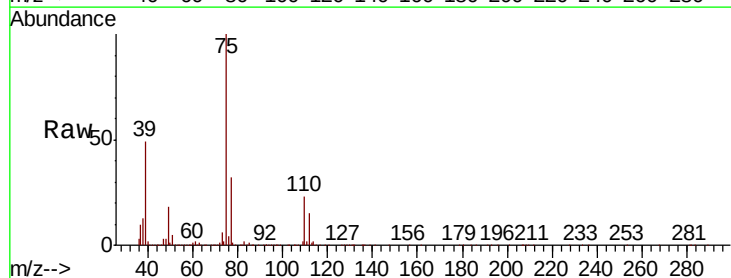
Instrument :
 MSVOA_X
 ClientSampled :

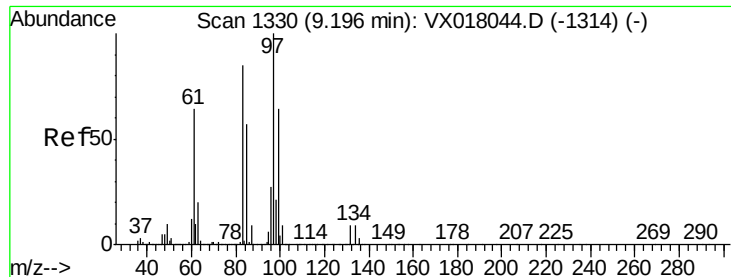
Tot Ion: 75 Resp: 1709397
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 146.764 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 75 Resp: 1771351
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 48.6 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 151.518 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 1038834

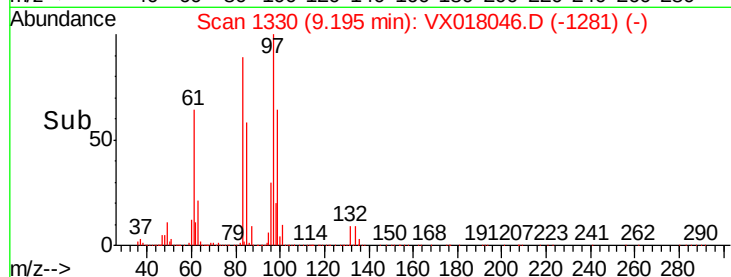
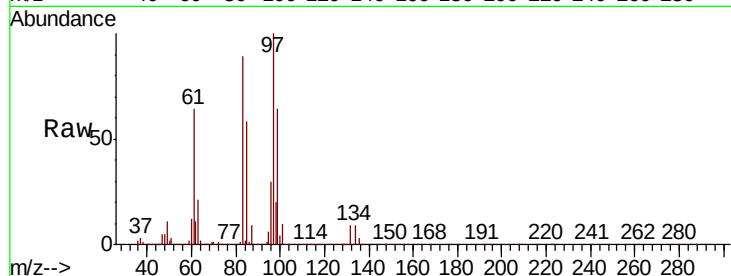
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.8	101.6
85	58.0	45.3	67.9
99	64.2	50.9	76.3

97 100

83 89.3 67.8 101.6

85 58.0 45.3 67.9

99 64.2 50.9 76.3

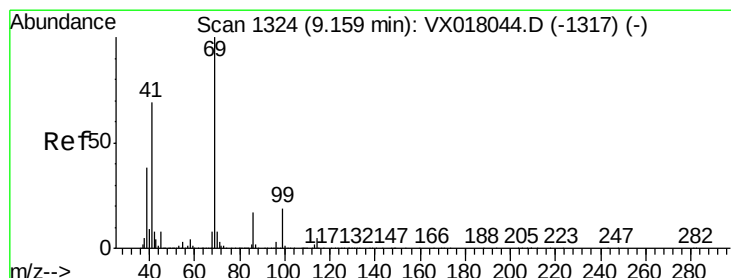
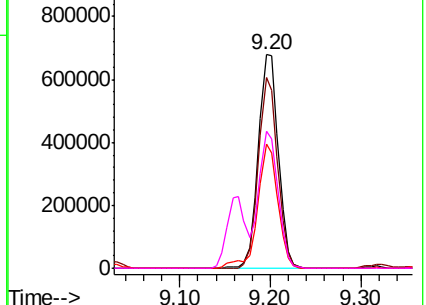


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 152.712 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

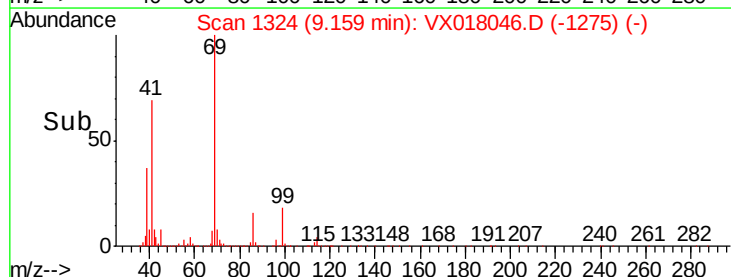
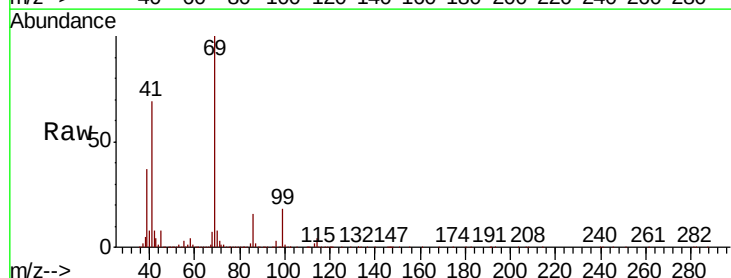
Tgt Ion: 69 Resp: 1684978

Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.6	81.8
39	36.1	29.1	43.7

69 100

41 68.9 54.6 81.8

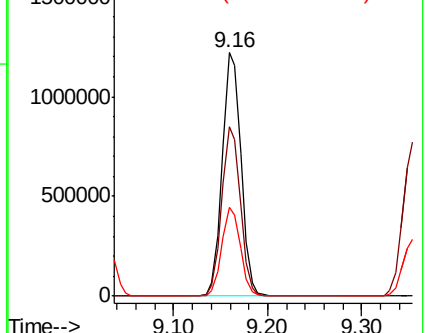
39 36.1 29.1 43.7

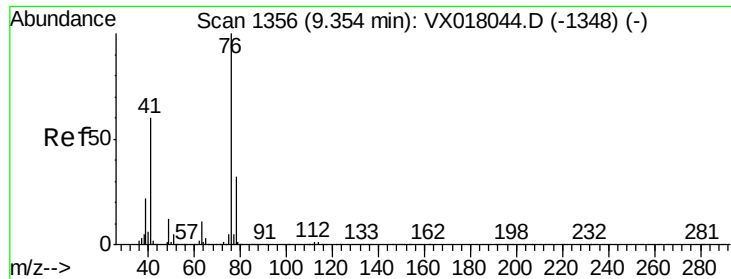


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

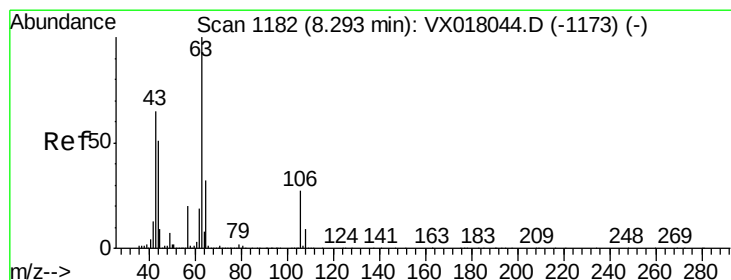
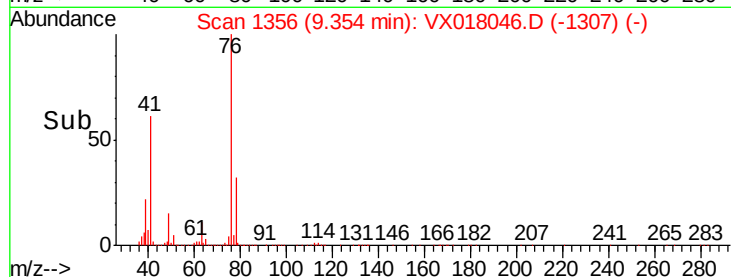
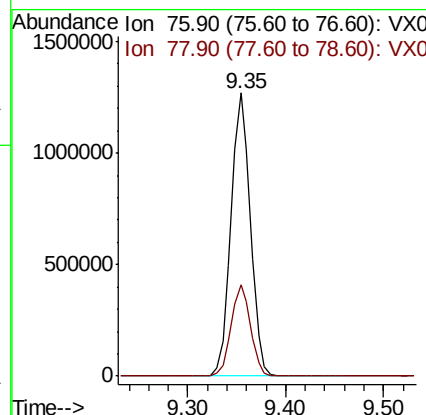
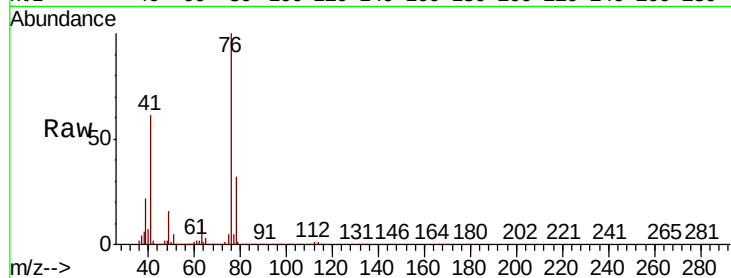




#57
 1,3-Dichloropropane
 Concen: 146.942 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

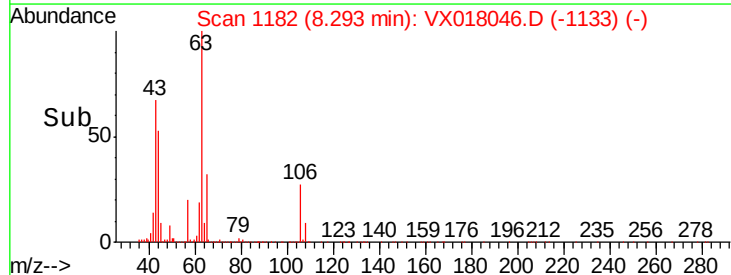
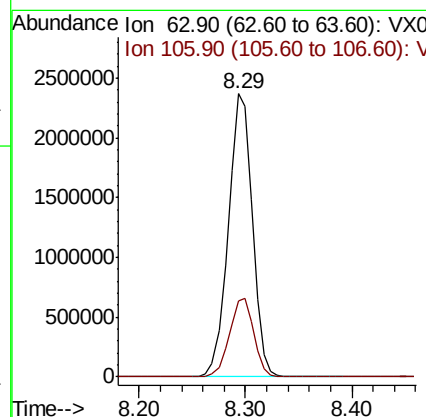
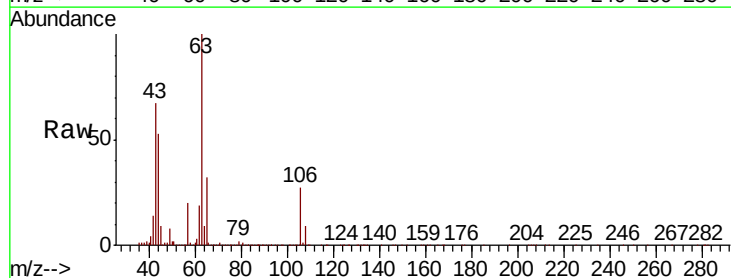
Instrument :
 MSVOA_X
 ClientSampled :

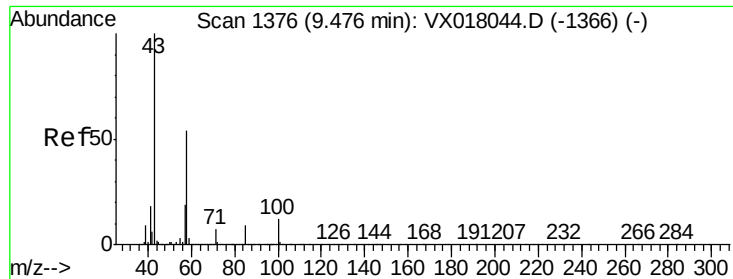
Tot Ion: 76 Resp: 1745238
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 653.365 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 63 Resp: 3738210
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.1 33.1

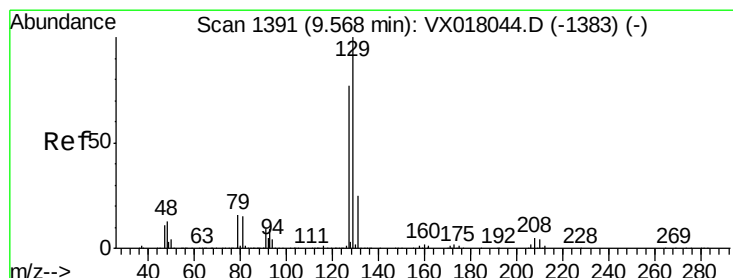
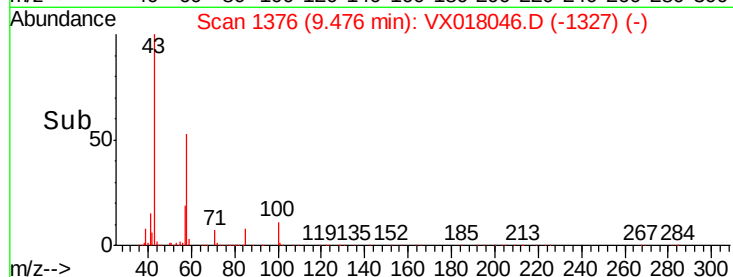
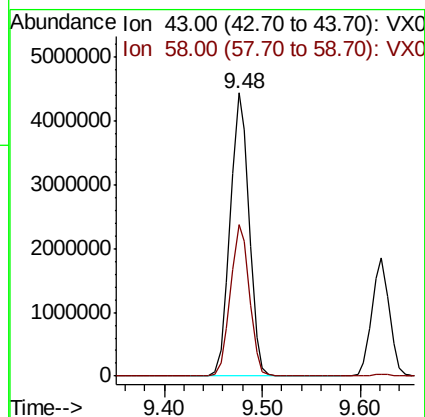
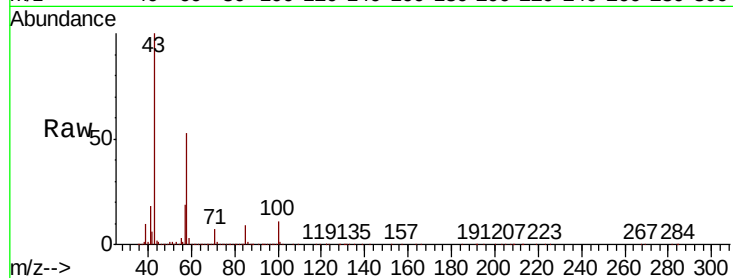




#59
2-Hexanone
Concen: 711.530 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

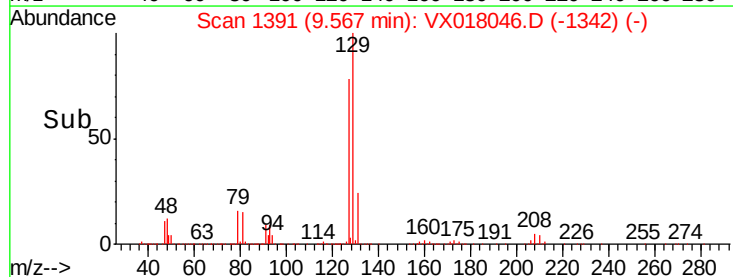
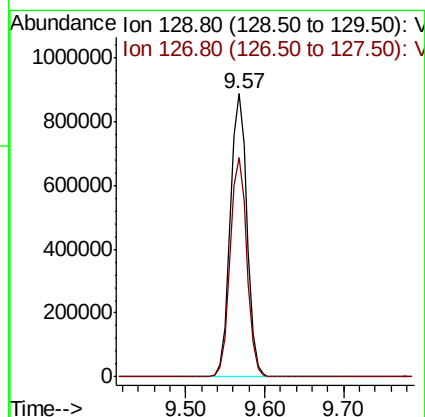
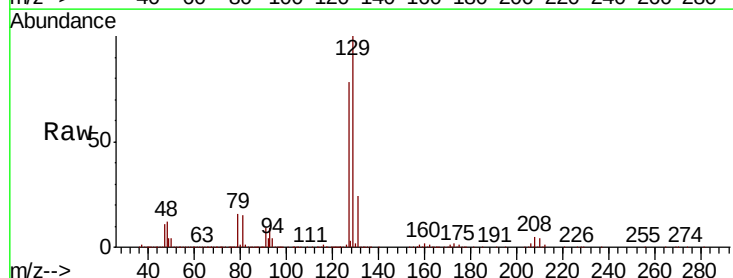
Instrument :
MSVOA_X
ClientSampleId :

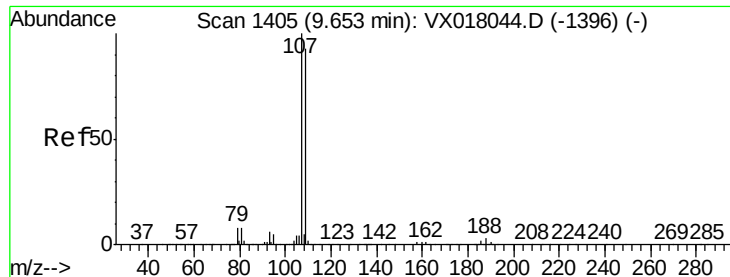
Tot Ion: 43 Resp: 5964723
Ion Ratio Lower Upper
43 100
58 53.6 26.6 79.7



#60
Dibromochloromethane
Concen: 170.993 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 129 Resp: 1304124
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 155.106 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

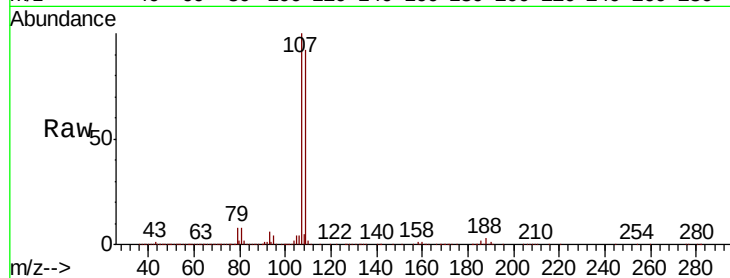
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 1150280

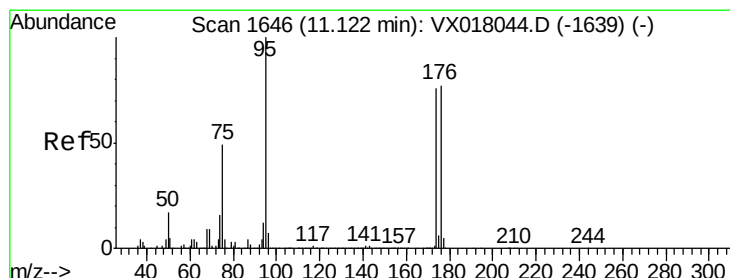
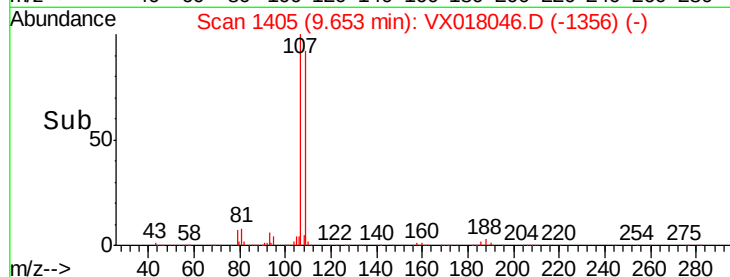
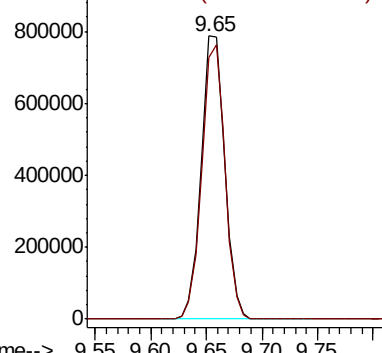
Ion Ratio Lower Upper

107 100

109 95.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 160.534 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

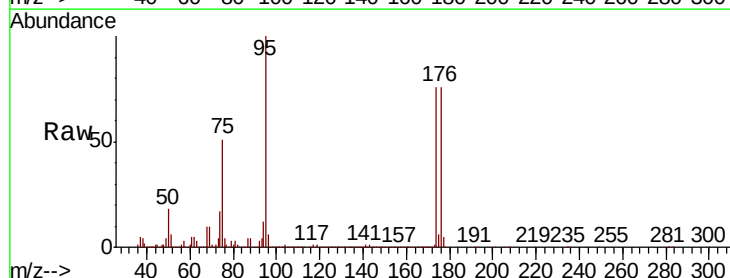
Tgt Ion: 95 Resp: 1468626

Ion Ratio Lower Upper

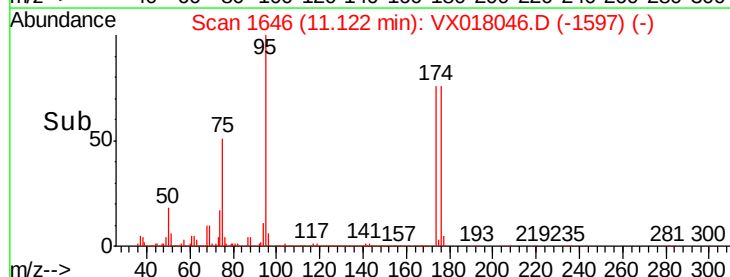
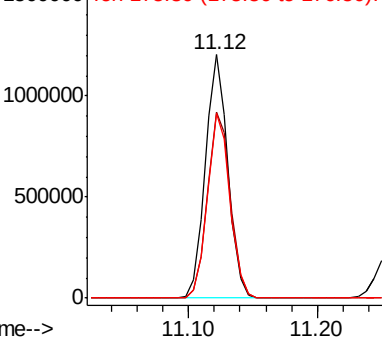
95 100

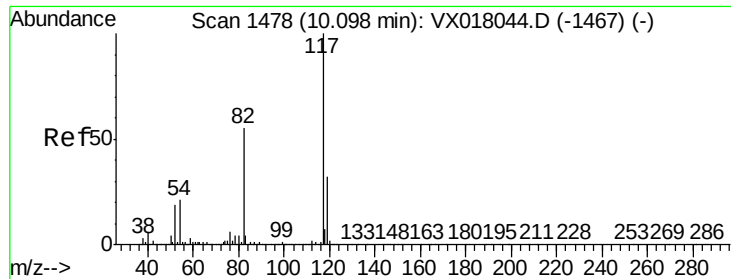
174 78.4 0.0 160.2

176 75.8 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

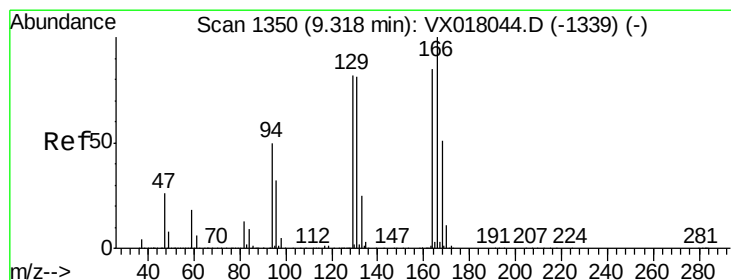
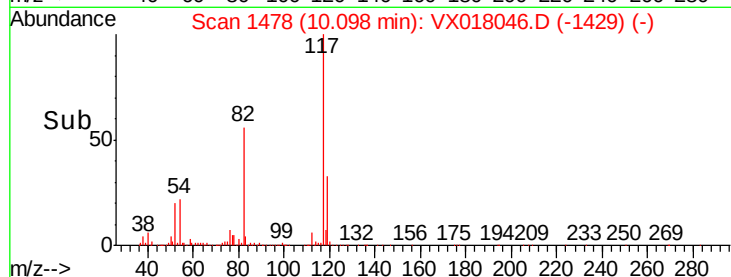
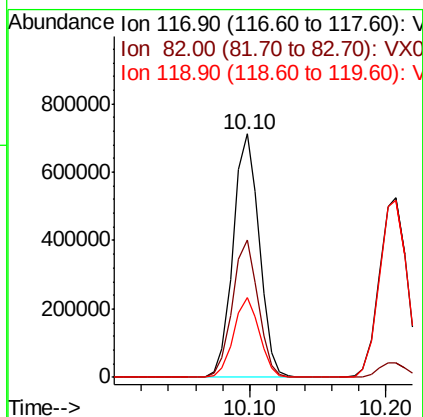
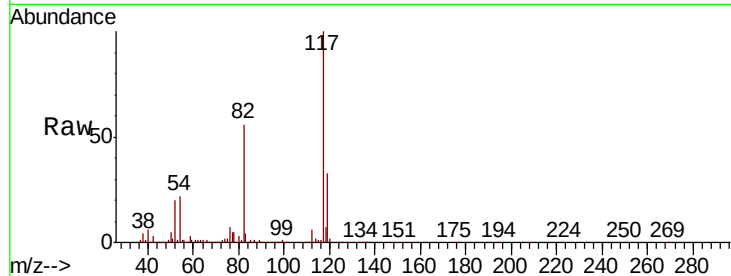




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

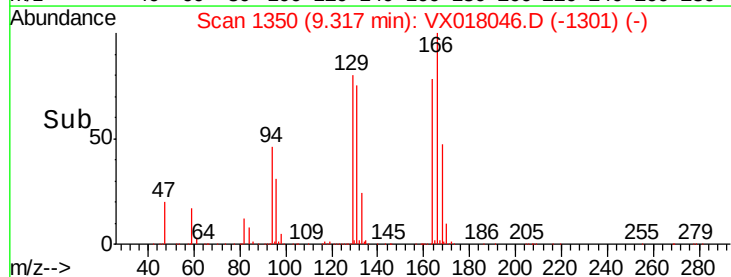
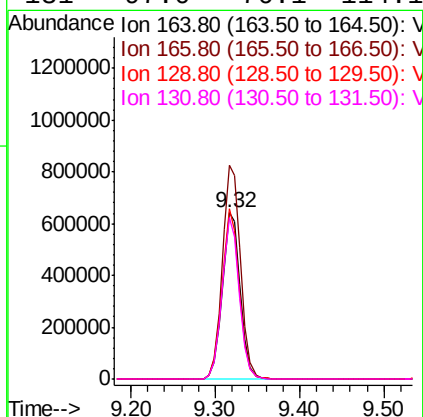
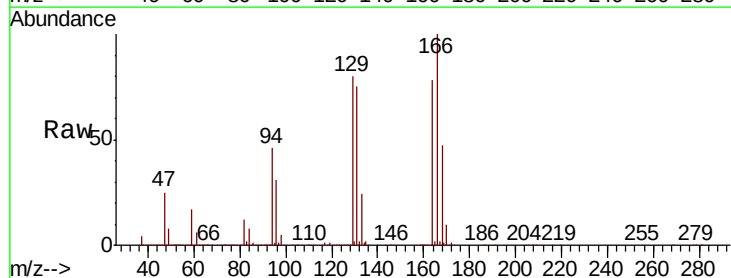
Instrument :
MSVOA_X
ClientSampled :

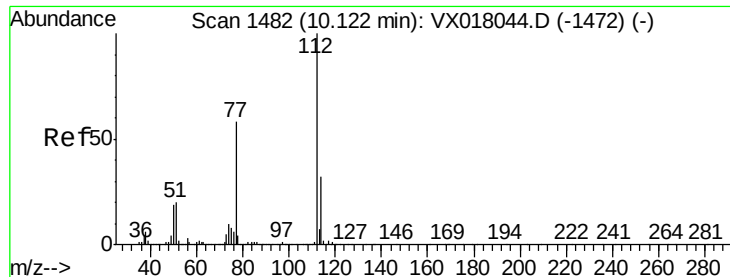
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.2
119	32.9	25.7	38.5



#64
Tetrachloroethene
Concen: 85.718 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	94.2	141.2
129	102.5	76.9	115.3
131	97.0	76.1	114.1

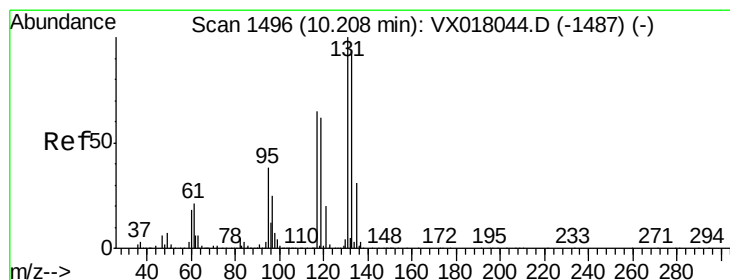
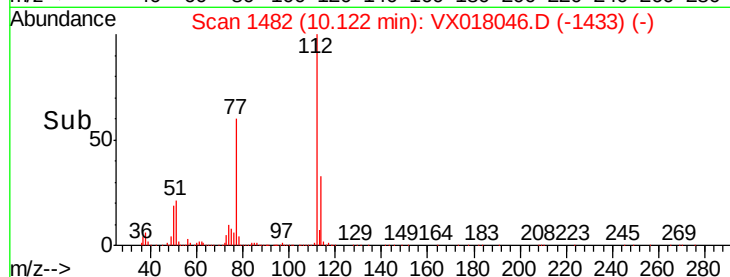
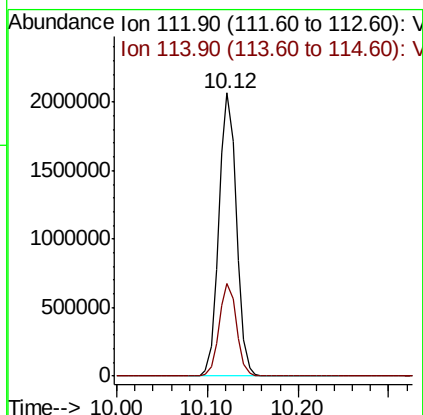
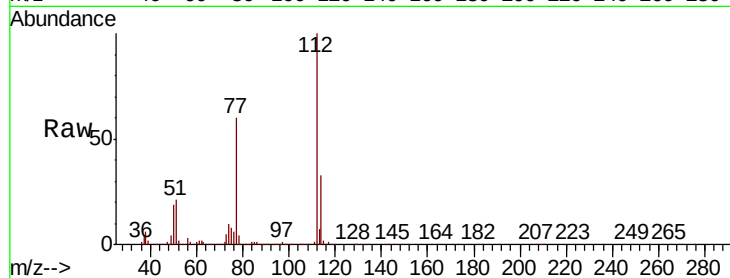




#65
Chlorobenzene
Concen: 141.160 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

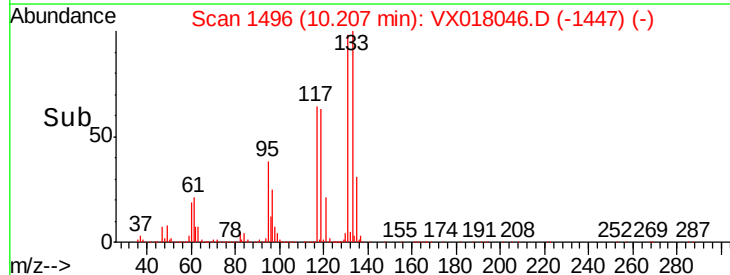
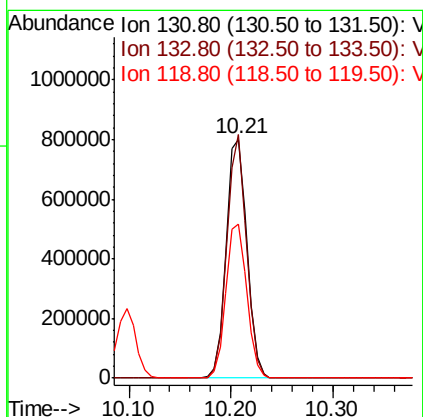
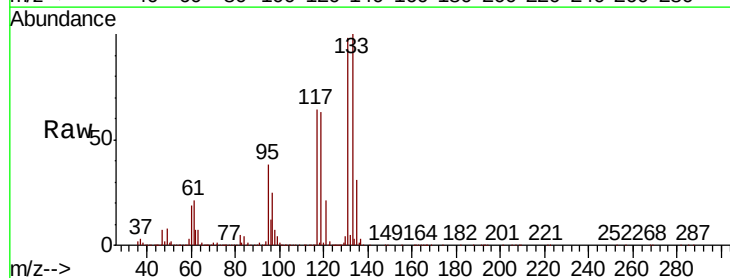
Instrument :
MSVOA_X
ClientSampleId :

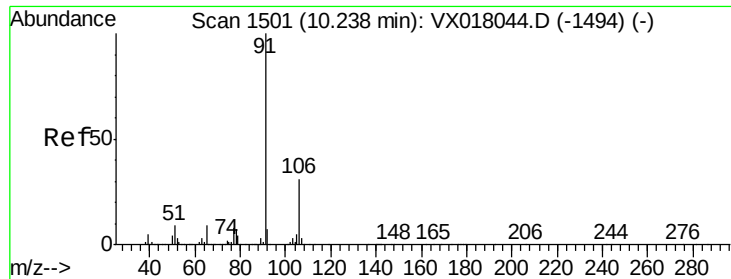
Tot Ion:112 Resp: 2797301
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 151.792 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:131 Resp: 1122435
Ion Ratio Lower Upper
131 100
133 96.0 46.7 140.1
119 65.0 31.8 95.4

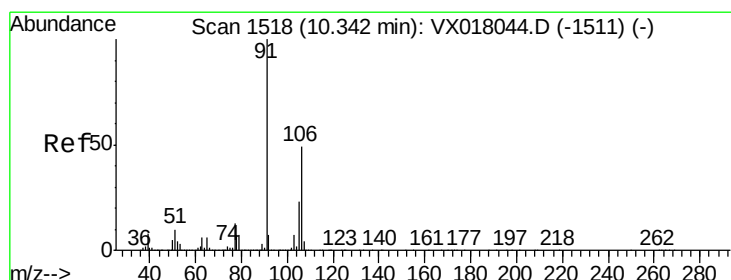
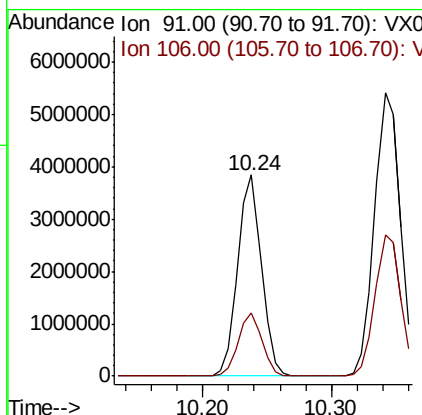
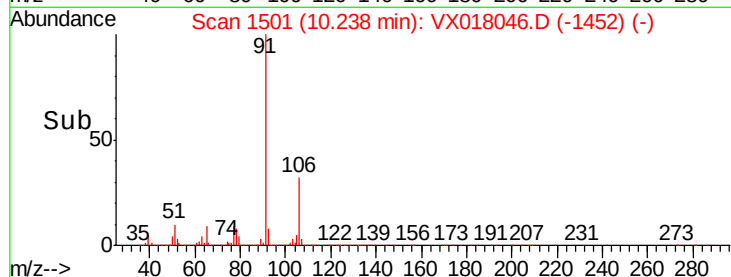
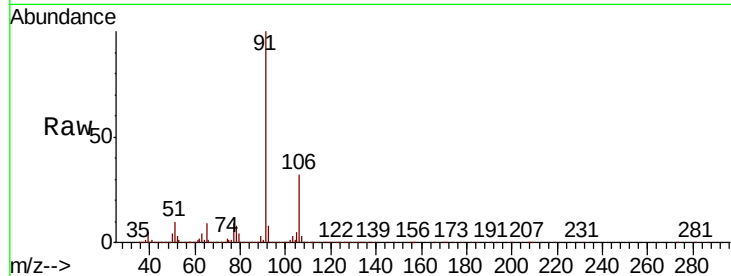




#67
Ethyl Benzene
Concen: 140.456 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

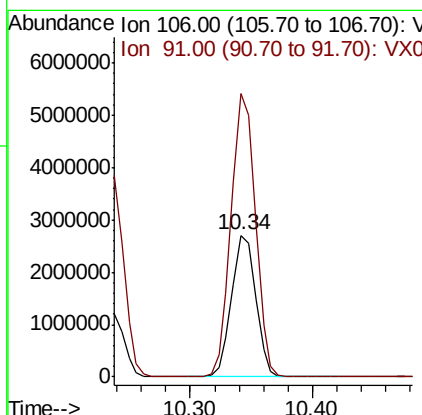
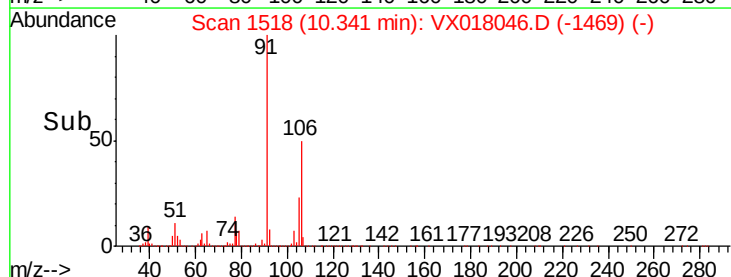
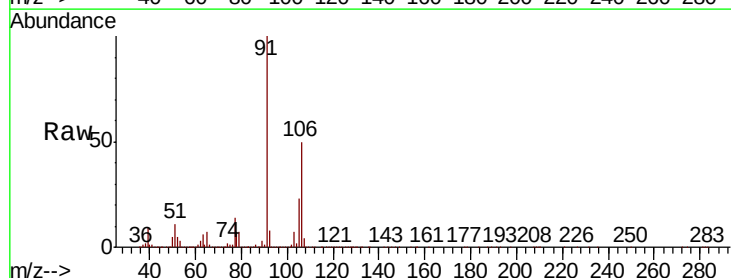
Instrument :
MSVOA_X
ClientSampleId :

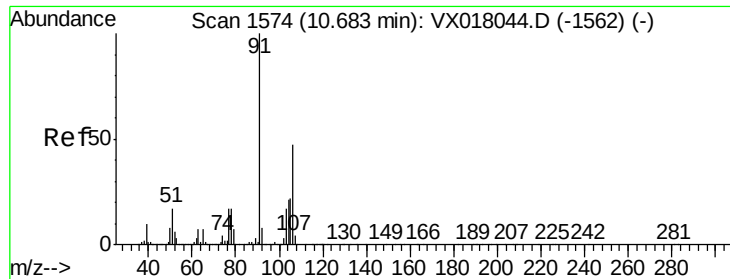
Tot Ion: 91 Resp: 4937140
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 280.780 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 106 Resp: 3699037
Ion Ratio Lower Upper
106 100
91 201.2 162.2 243.2

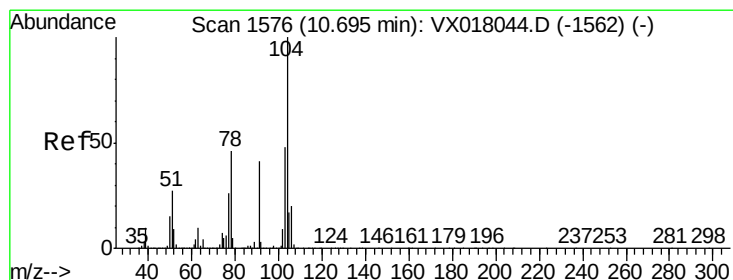
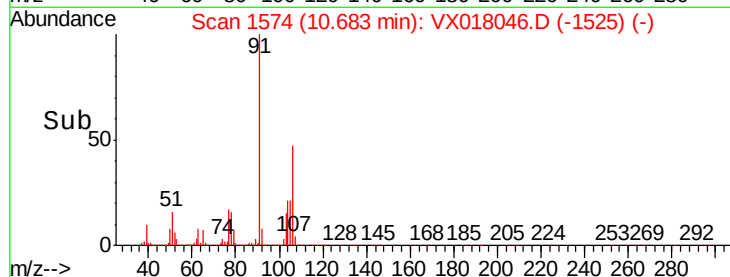
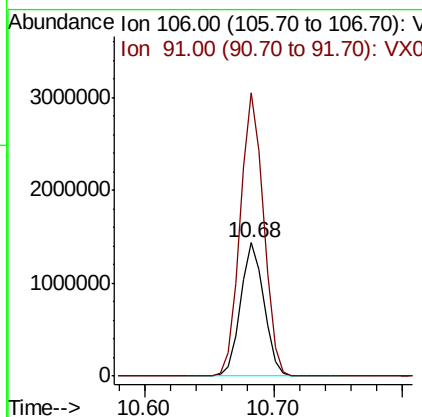
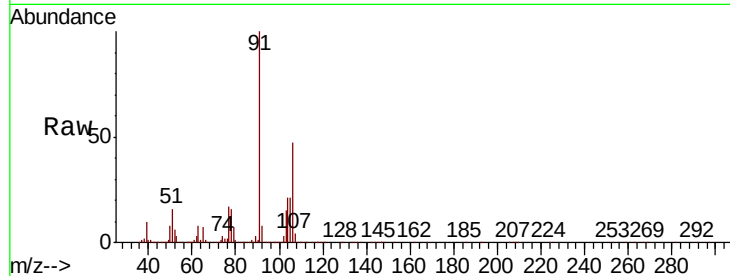




#69
o-Xylene
Concen: 142.715 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

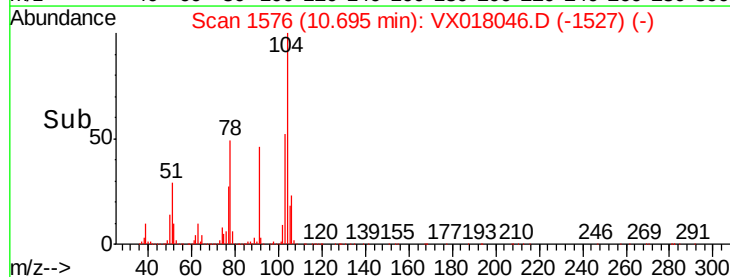
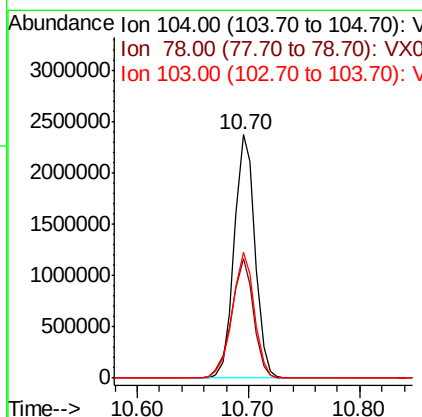
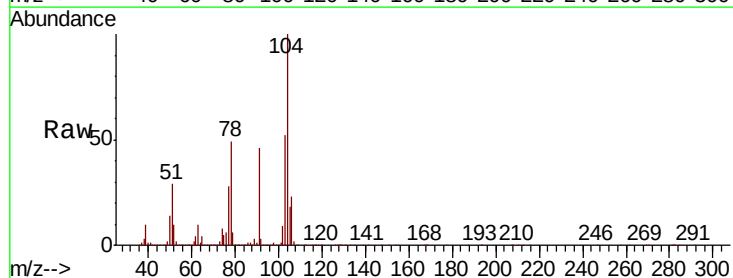
Instrument :
MSVOA_X
ClientSampleId :

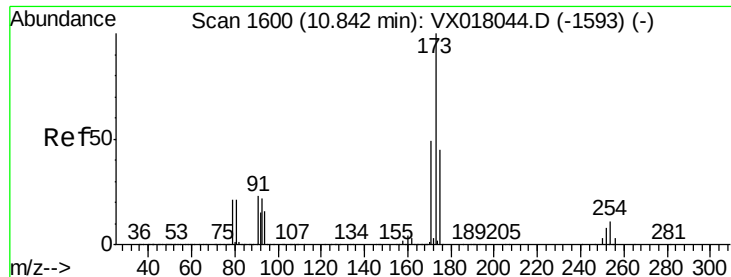
Tot Ion:106 Resp: 1803955
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3



#70
Styrene
Concen: 142.277 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:104 Resp: 3060711
Ion Ratio Lower Upper
104 100
78 52.0 40.9 61.3
103 54.7 43.6 65.4





#71

Bromoform

Concen: 159.121 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

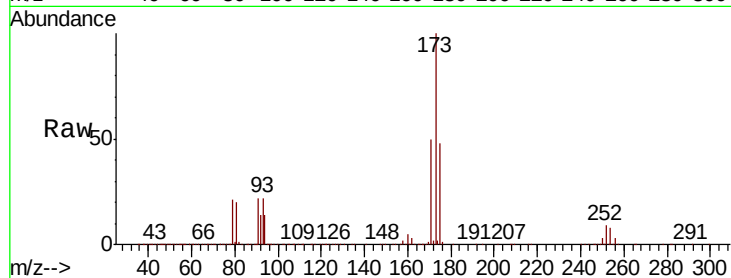
Tot Ion:173 Resp: 962876

Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.8
254	0.2	0.2	0.2

173 100

175 48.7 23.9 71.8

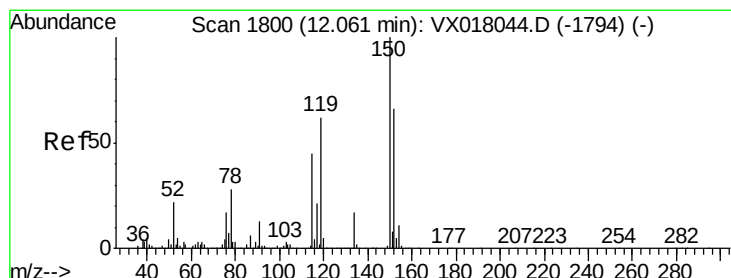
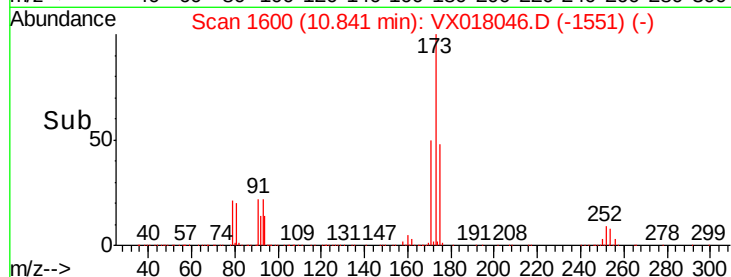
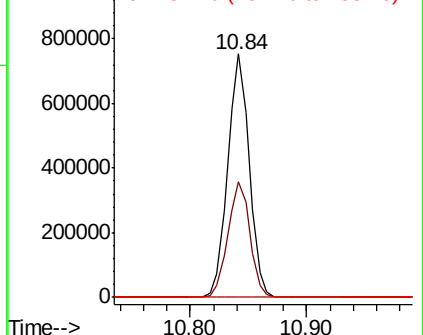
254 0.2 0.2 0.2



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: VX018046.D

Acq: 20 Aug 2020 20:54

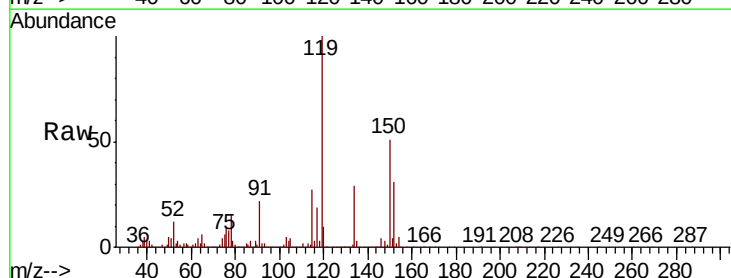
Tgt Ion:152 Resp: 463160

Ion	Ratio	Lower	Upper
152	100		
115	126.8	41.5	124.5#
150	207.0	0.0	343.8

152 100

115 126.8 41.5 124.5#

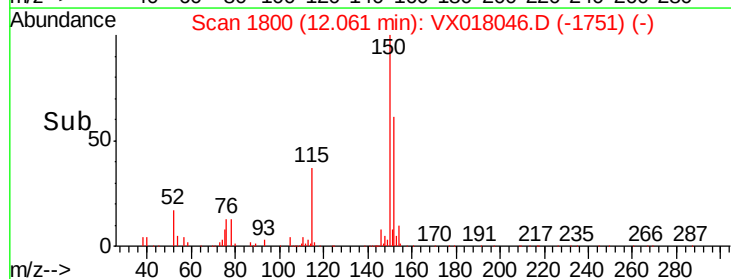
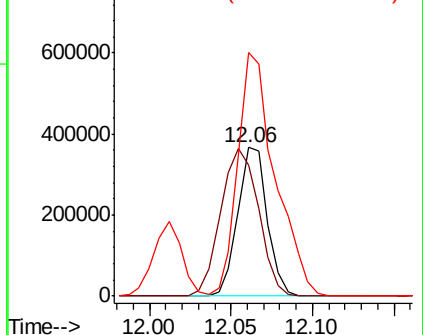
150 207.0 0.0 343.8

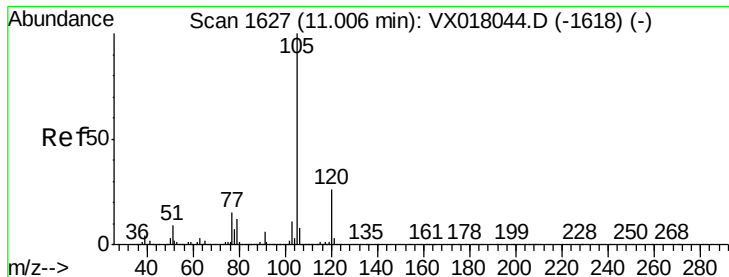


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 139.786 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

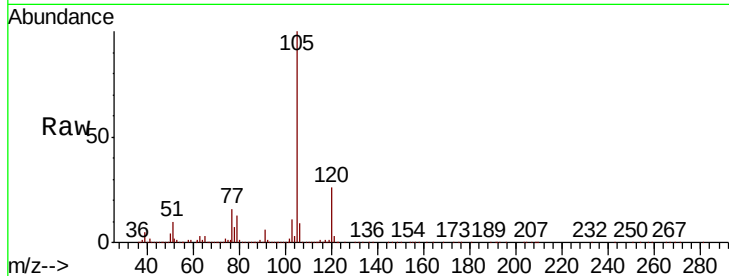
ClientSampleId :

Tot Ion:105 Resp: 4664986

Ion Ratio Lower Upper

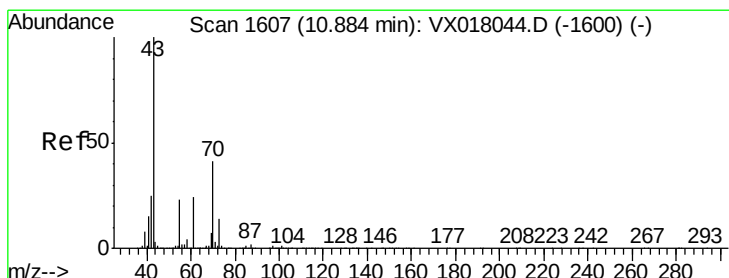
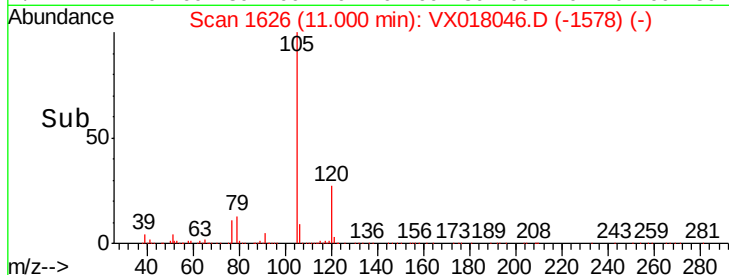
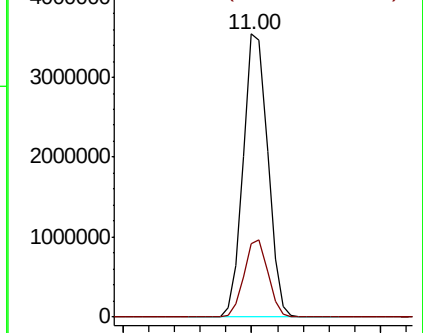
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 145.184 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 2274513

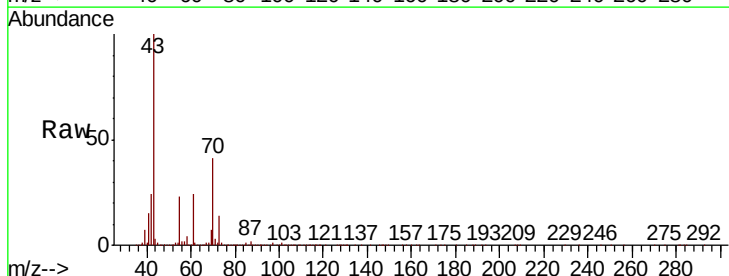
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 22.9 18.2 27.2

61 24.0 18.9 28.3

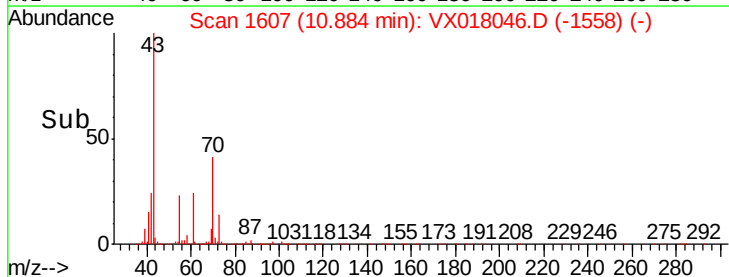
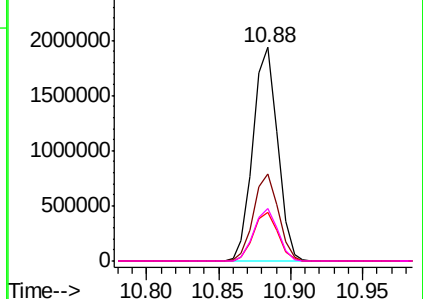


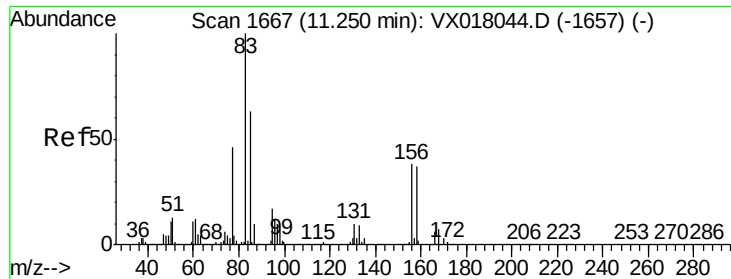
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 236.028 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

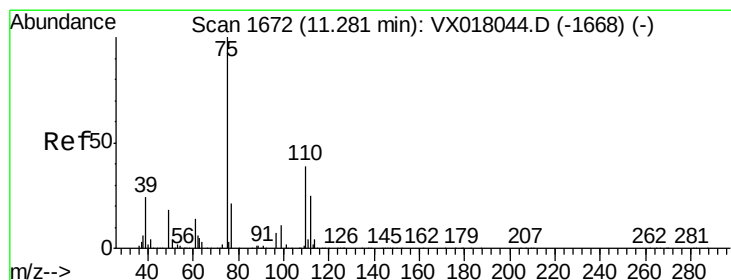
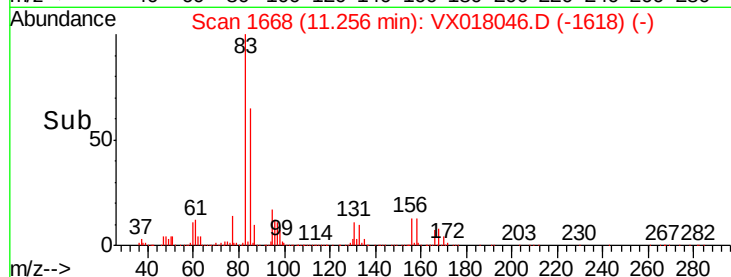
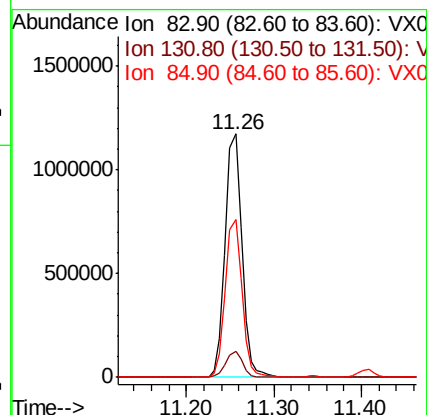
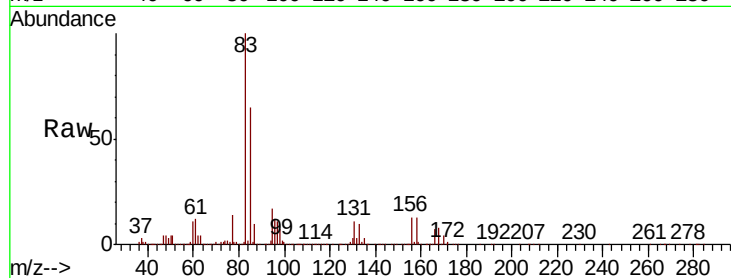
Tot Ion: 83 Resp: 1554833

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 186.869 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018046.D

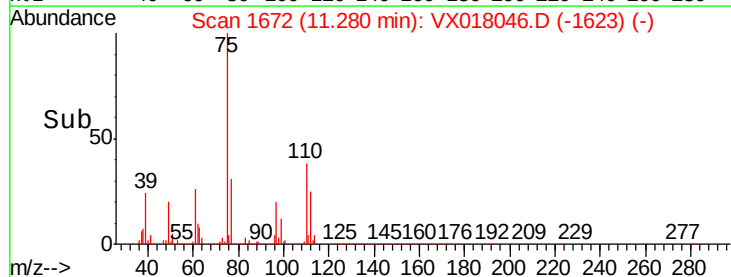
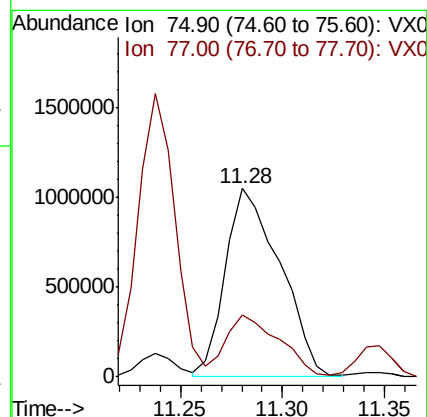
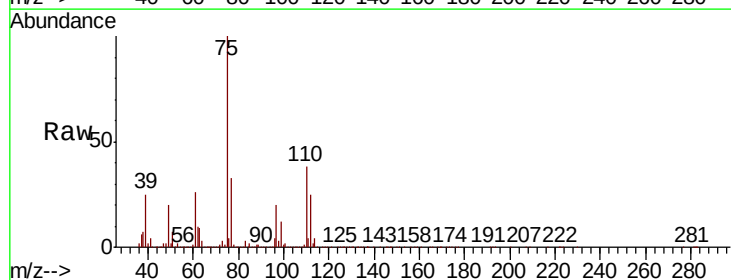
Acq: 20 Aug 2020 20:54

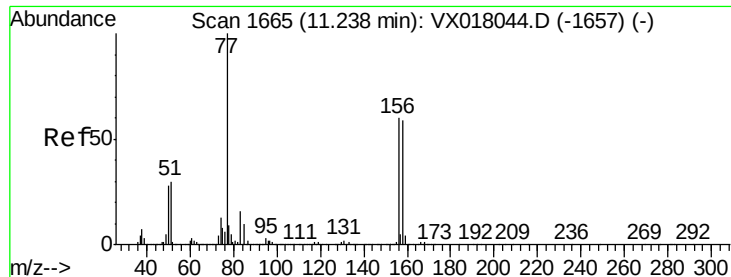
Tgt Ion: 75 Resp: 1950748

Ion Ratio Lower Upper

75 100

77 32.1 20.8 62.2





#77

Bromobenzene

Concen: 142.758 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

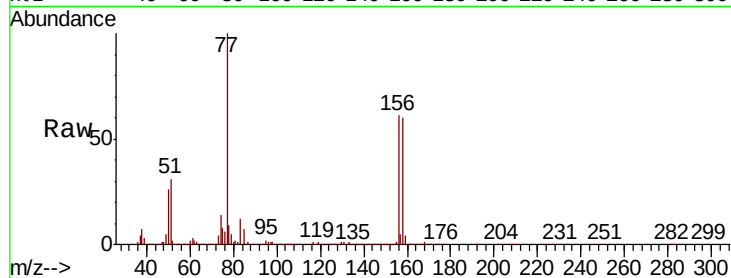
Tot Ion:156 Resp: 1238709

Ion Ratio Lower Upper

156 100

77 160.8 80.0 240.2

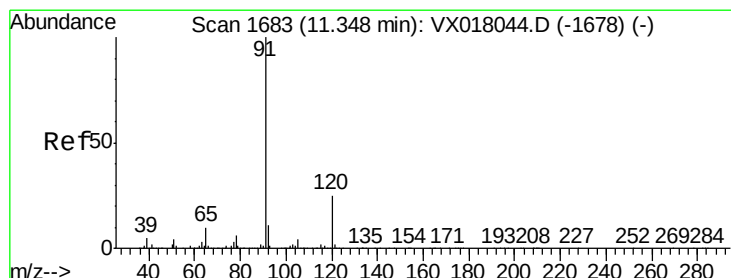
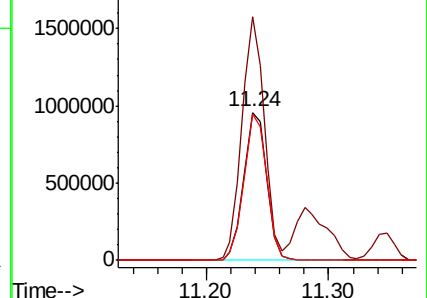
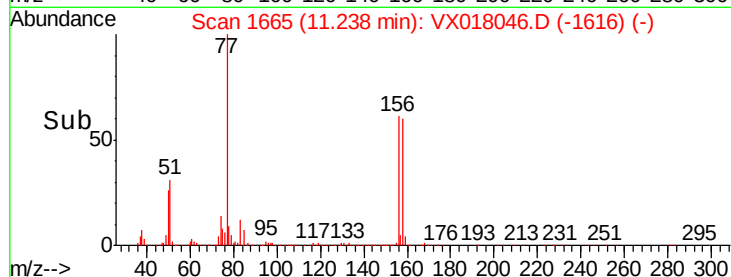
158 98.0 49.5 148.7



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: 140.107 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018046.D

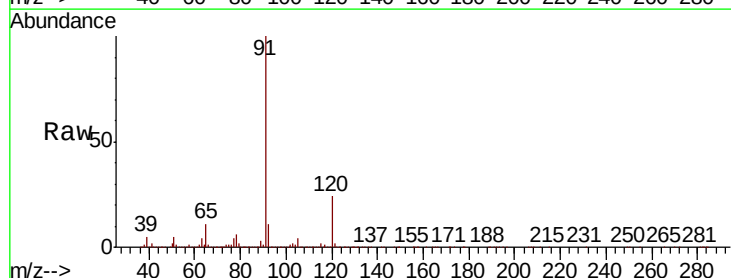
Acq: 20 Aug 2020 20:54

Tgt Ion: 91 Resp: 5426586

Ion Ratio Lower Upper

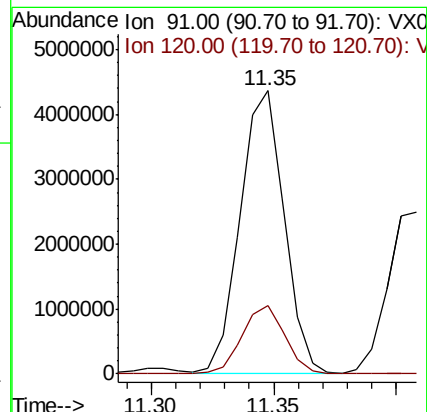
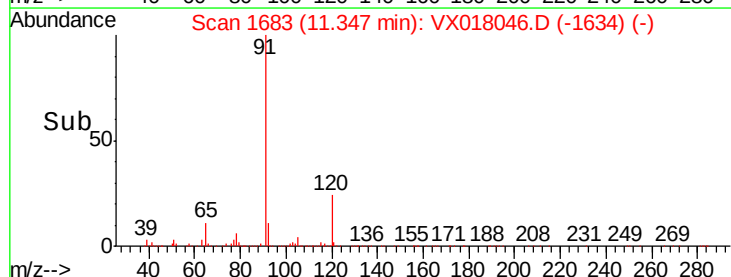
91 100

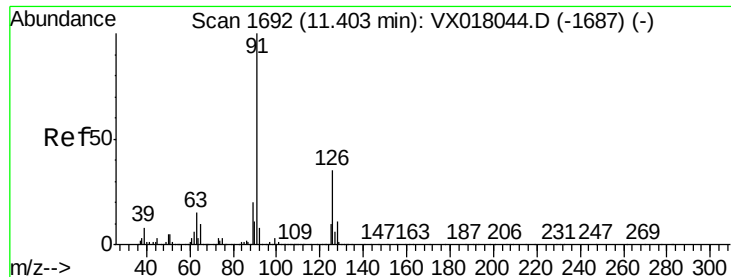
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.557 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

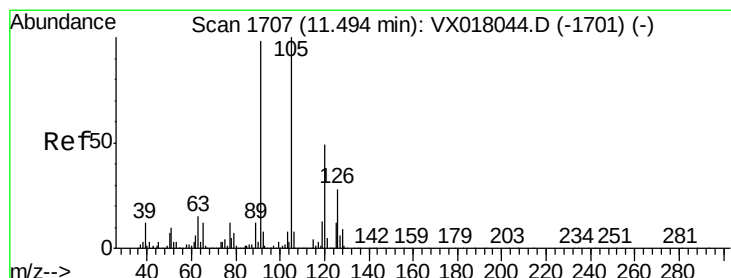
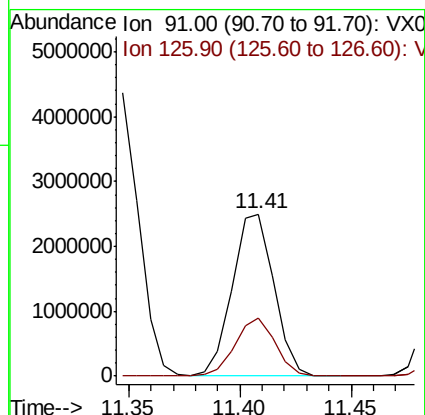
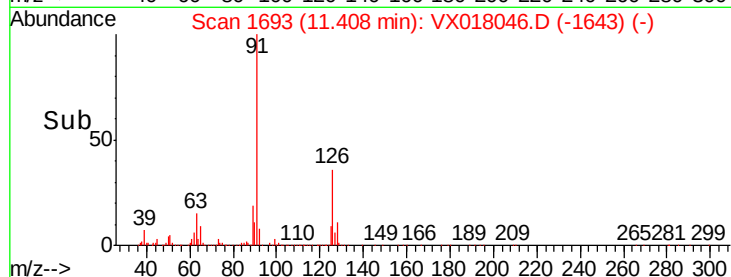
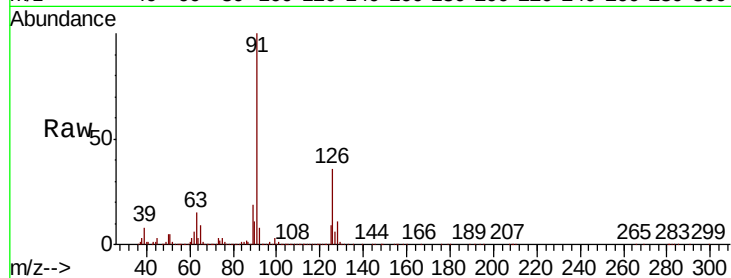
ClientSampleId :

Tot Ion: 91 Resp: 3263140

Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 140.885 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018046.D

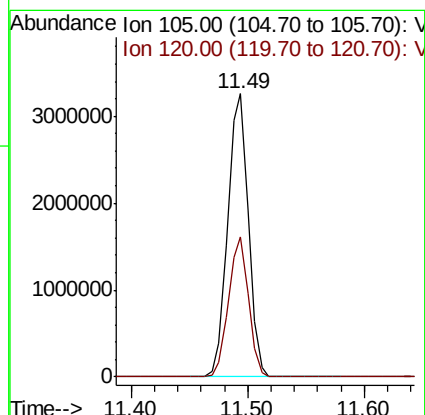
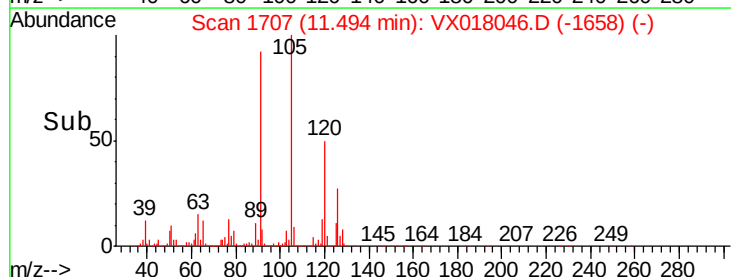
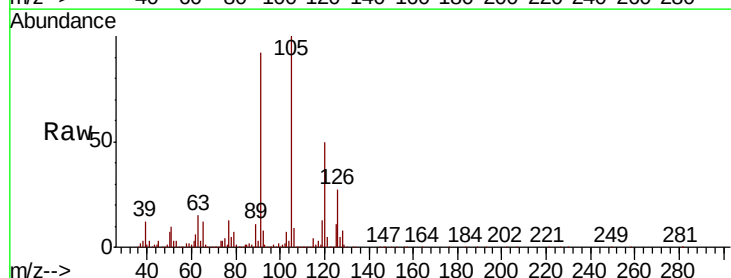
Acq: 20 Aug 2020 20:54

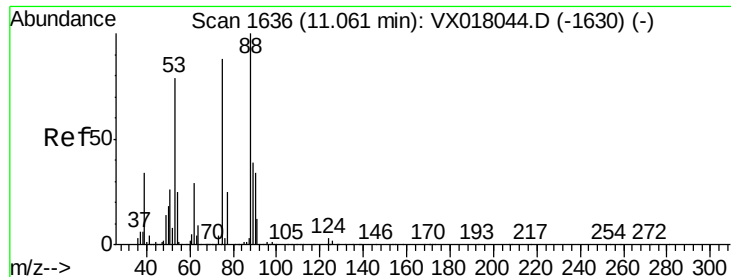
Tgt Ion:105 Resp: 3971612

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 137.460 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

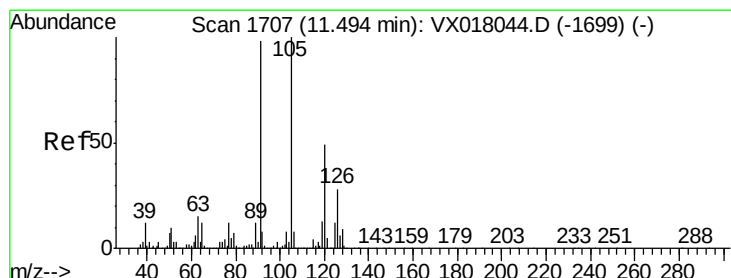
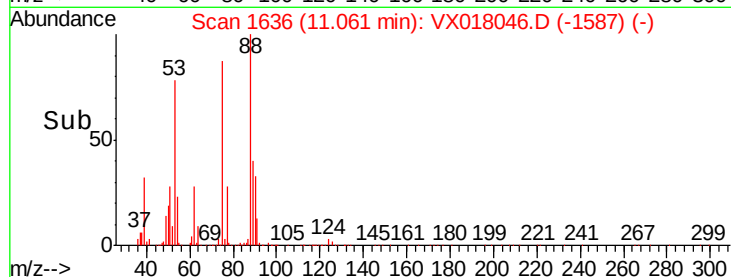
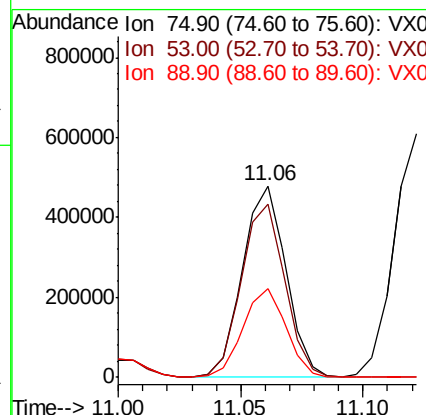
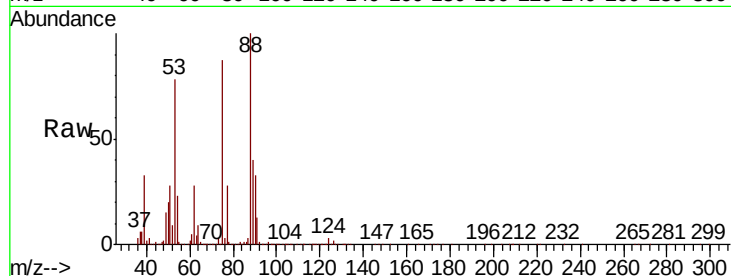
Tot Ion: 75 Resp: 588900

Ion Ratio Lower Upper

75 100

53 90.5 74.7 112.1

89 46.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 141.839 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018046.D

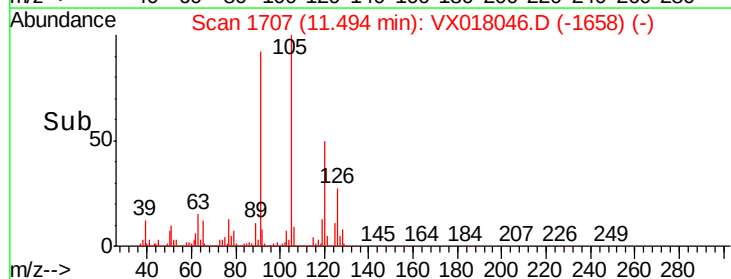
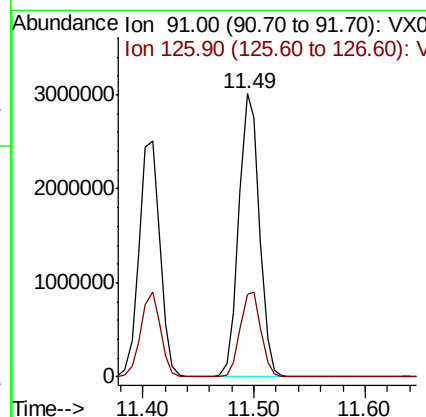
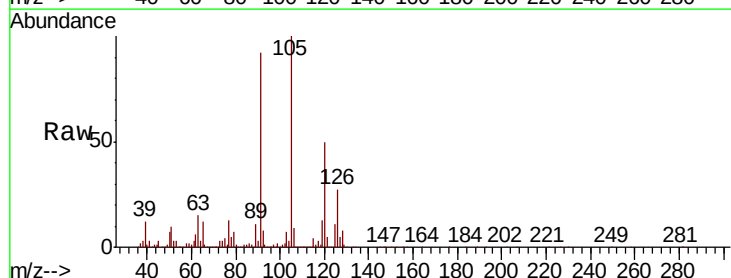
Acq: 20 Aug 2020 20:54

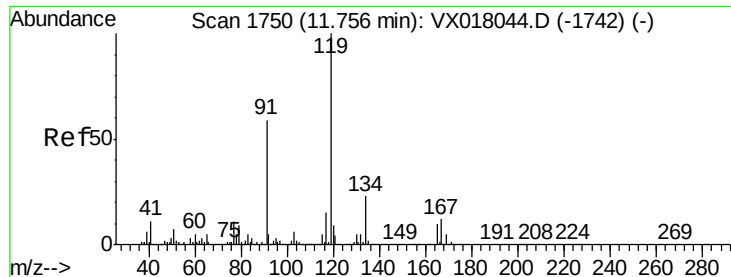
Tgt Ion: 91 Resp: 3855738

Ion Ratio Lower Upper

91 100

126 30.4 15.1 45.3

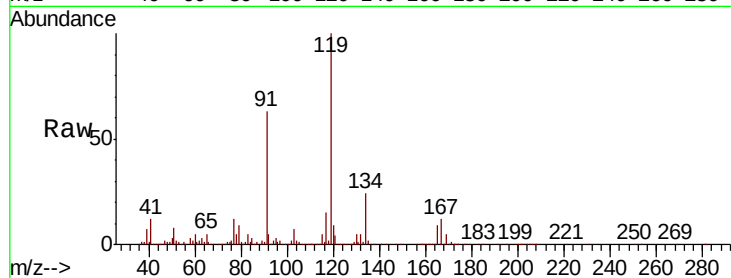




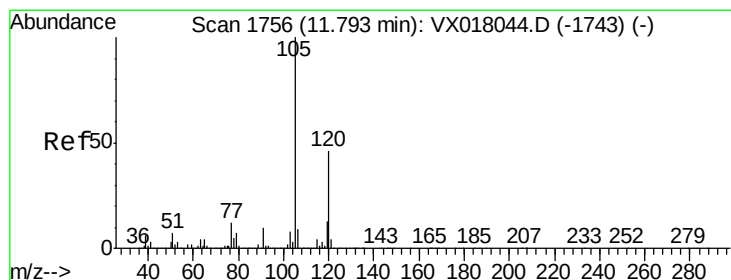
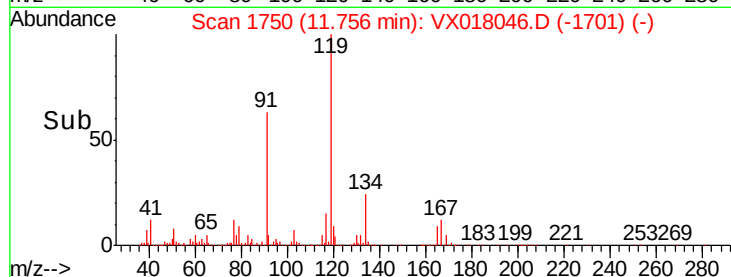
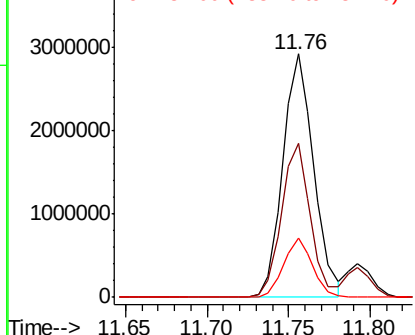
#83
 tert-Butylbenzene
 Concen: 155.436 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 3851512
 Ion Ratio Lower Upper
 119 100
 91 59.6 28.2 84.7
 134 22.6 11.3 33.8

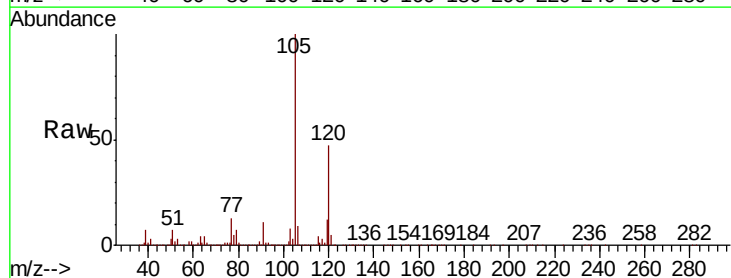


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

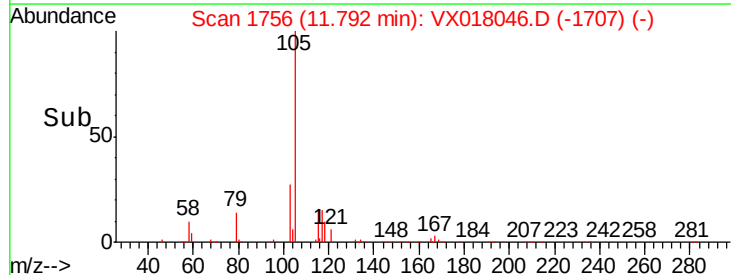
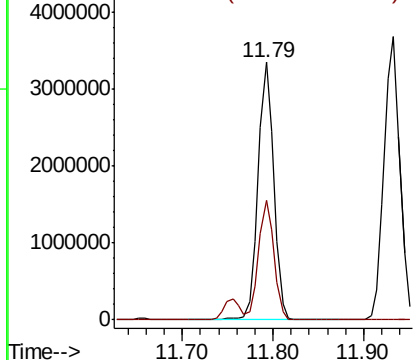


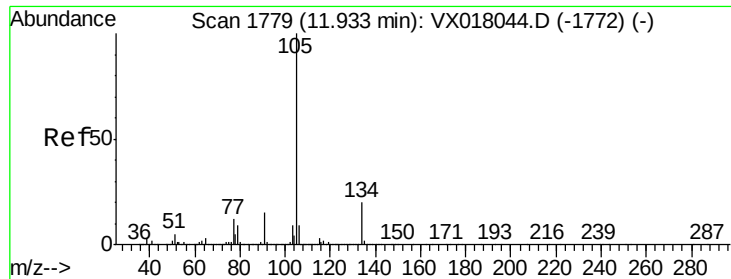
#84
 1,2,4-Trimethylbenzene
 Concen: 140.450 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion:105 Resp: 4006587
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 137.601 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

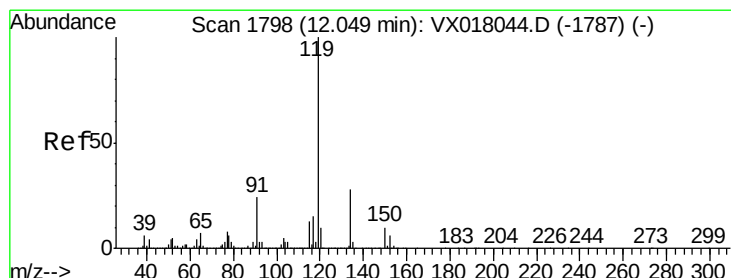
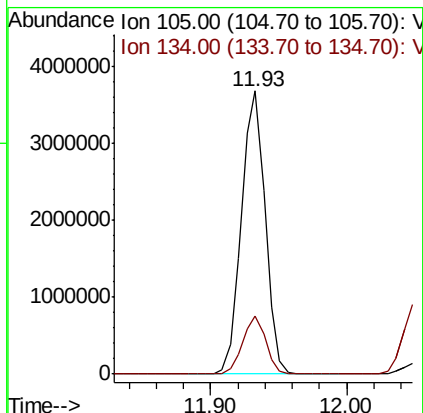
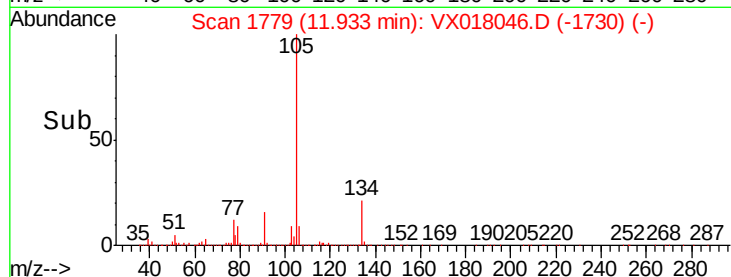
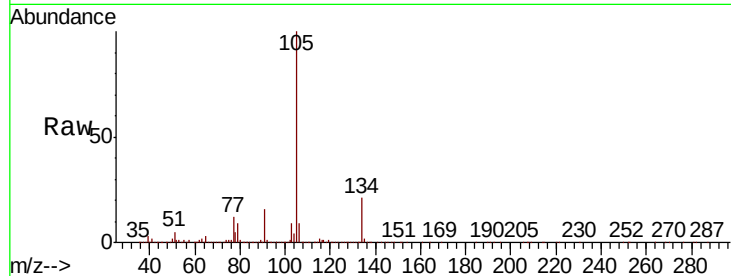
ClientSampleId :

Tot Ion:105 Resp: 4484043

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 135.929 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

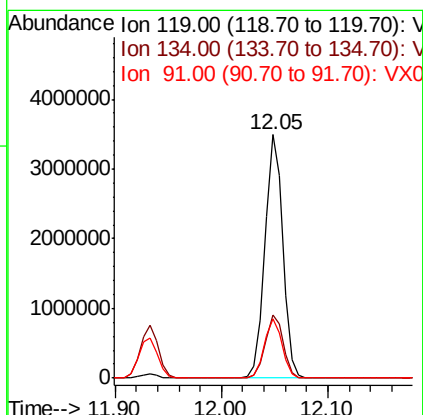
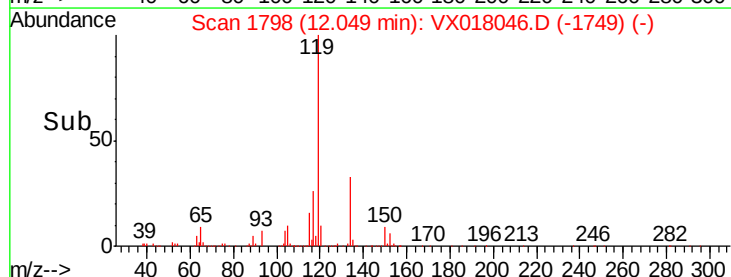
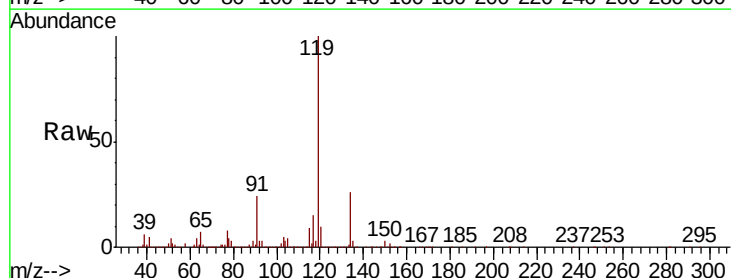
Tgt Ion:119 Resp: 4112086

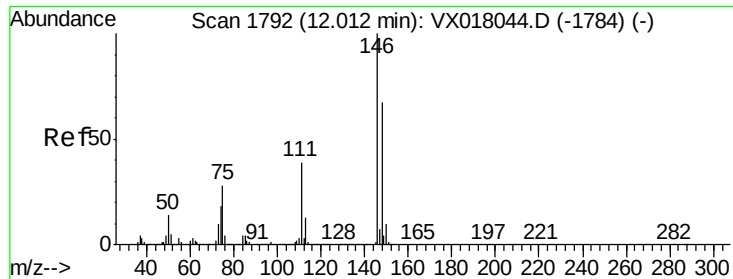
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 24.2 11.8 35.4

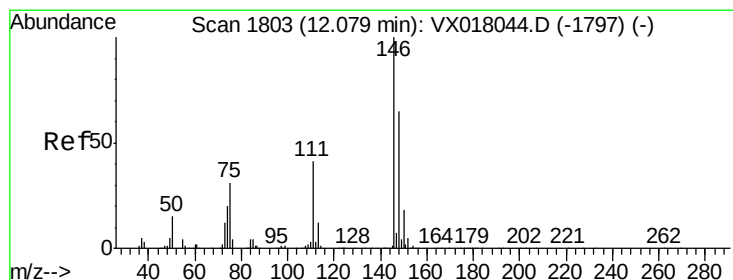
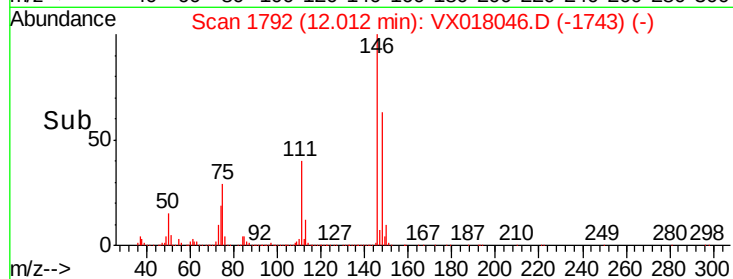
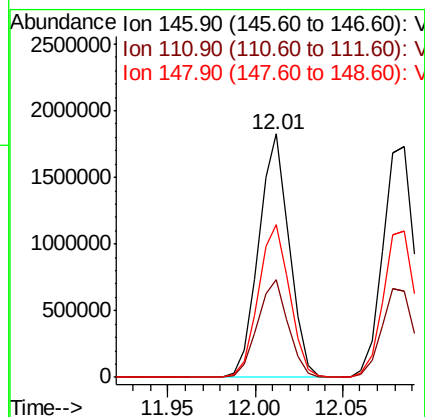
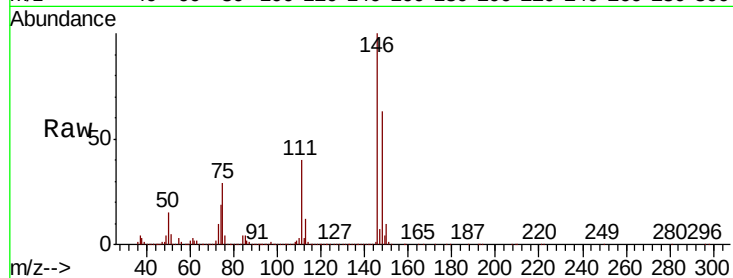




#87
 1,3-Dichlorobenzene
 Concen: 142.245 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

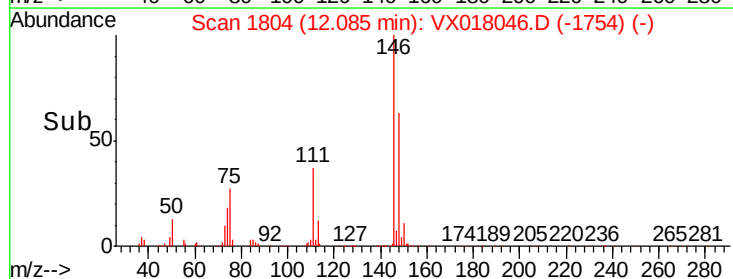
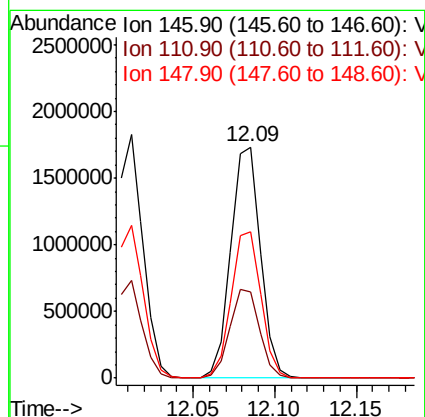
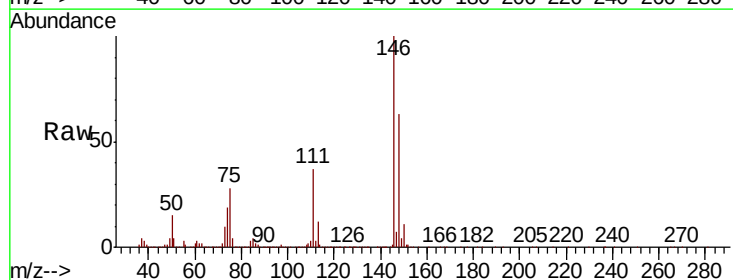
Instrument :
 MSVOA_X
 ClientSampleId :

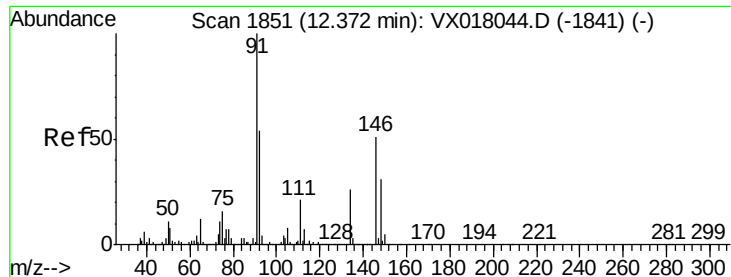
Tot Ion:146 Resp: 2207806
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 64.1 33.1 99.2



#88
 1,4-Dichlorobenzene
 Concen: 139.428 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion:146 Resp: 2193842
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.3 60.8
 148 63.5 33.1 99.2

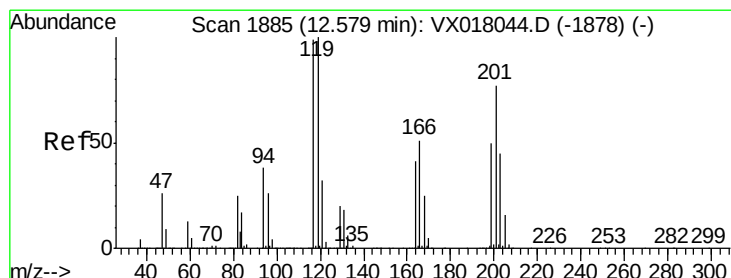
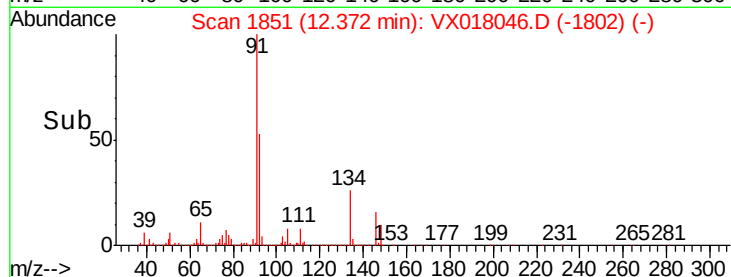
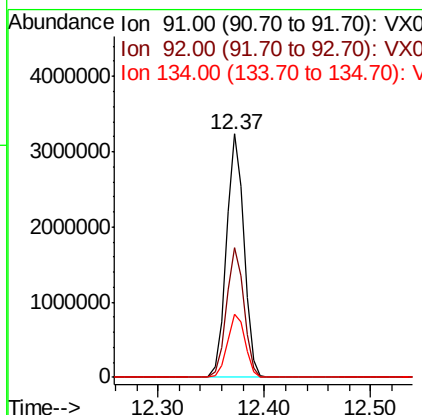
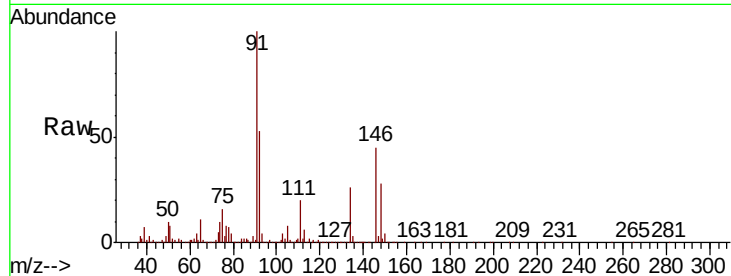




#89
n-Butylbenzene
Concen: 135.220 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

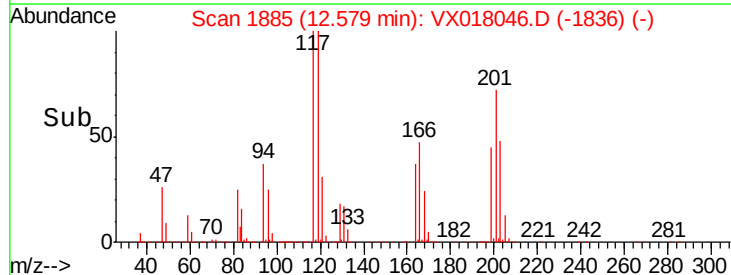
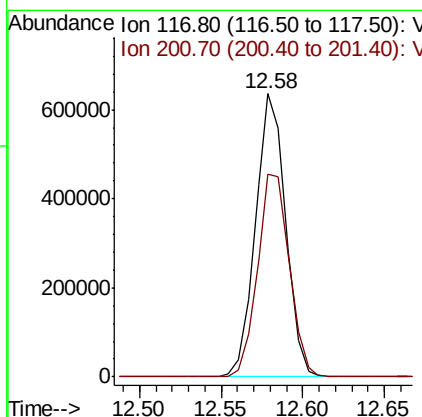
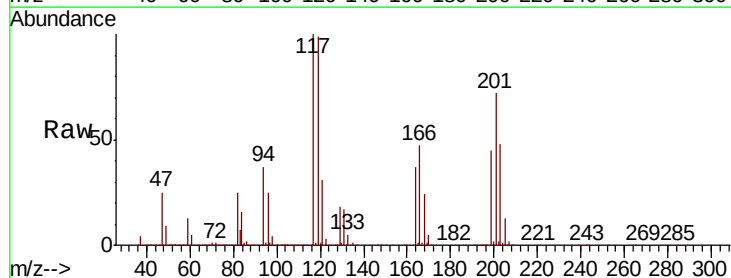
Instrument :
MSVOA_X
ClientSampled :

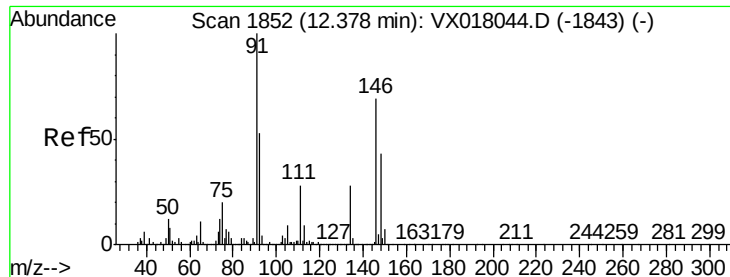
Tot Ion: 91 Resp: 3729510
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 26.6 12.9 38.7



#90
Hexachloroethane
Concen: 154.475 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 117 Resp: 813544
Ion Ratio Lower Upper
117 100
201 75.5 38.5 115.3

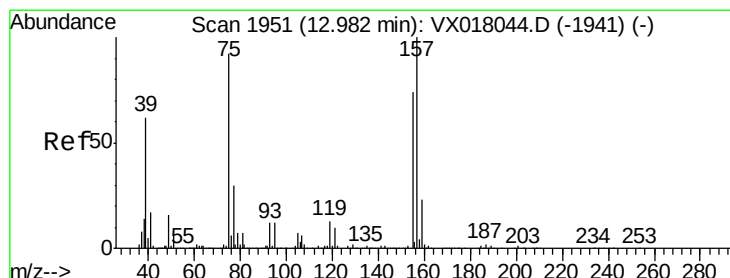
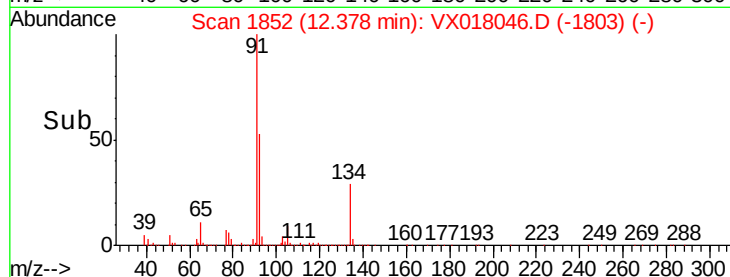
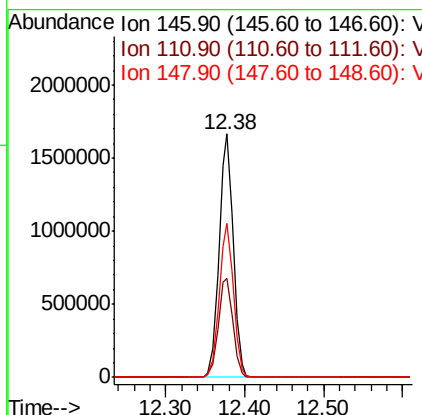
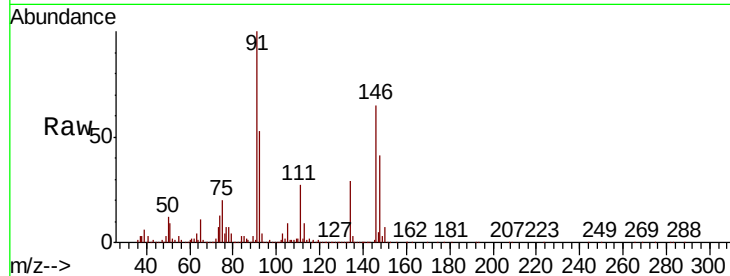




#91
 1,2-Dichlorobenzene
 Concen: 138.654 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

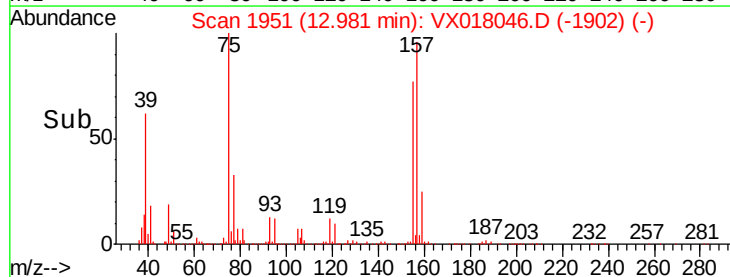
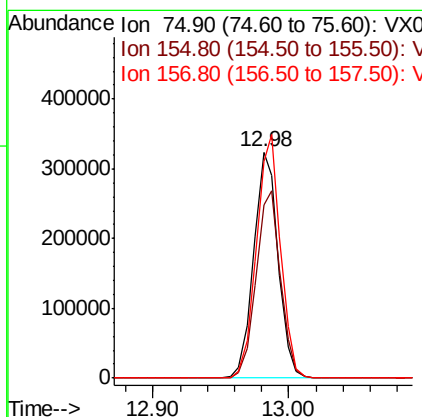
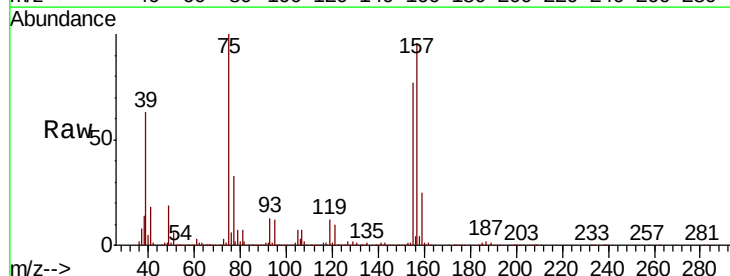
Instrument :
 MSVOA_X
 ClientSampled :

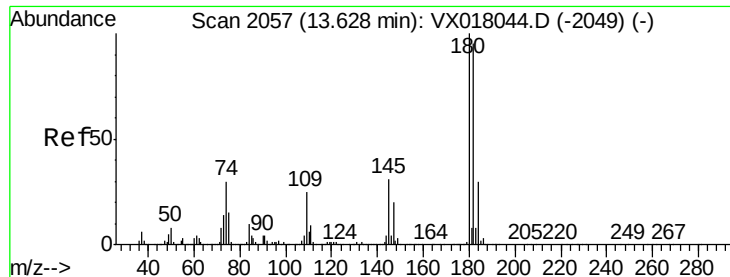
Tot Ion:146 Resp: 2077536
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.053 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 75 Resp: 408042
 Ion Ratio Lower Upper
 75 100
 155 83.1 40.2 120.6
 157 106.6 55.0 165.2

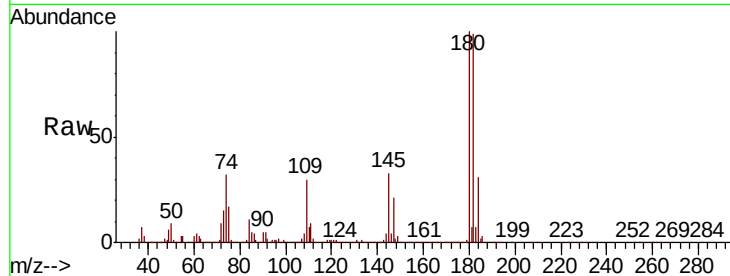




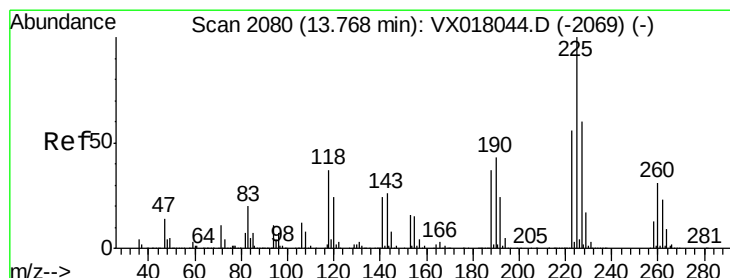
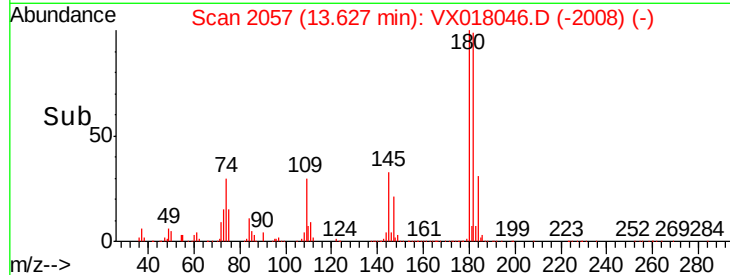
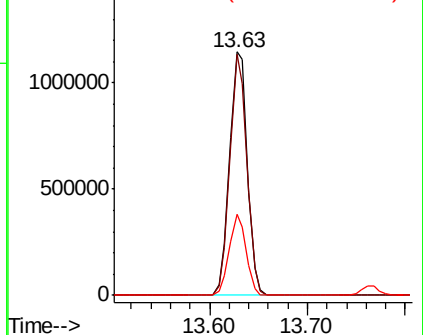
#93
 1,2,4-Trichlorobenzene
 Concen: 131.891 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1443764
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 31.9 15.7 47.1

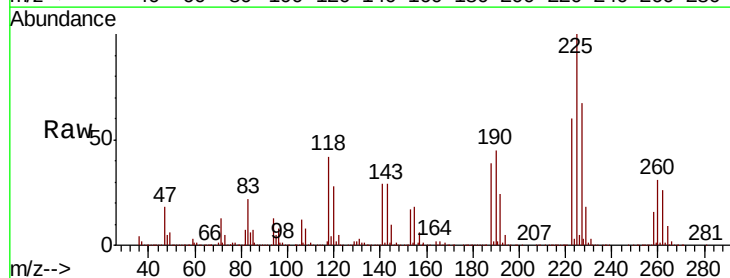


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

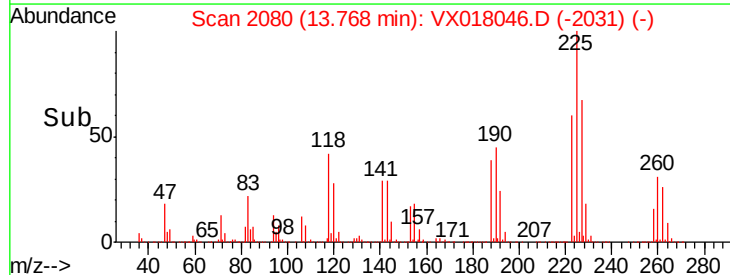
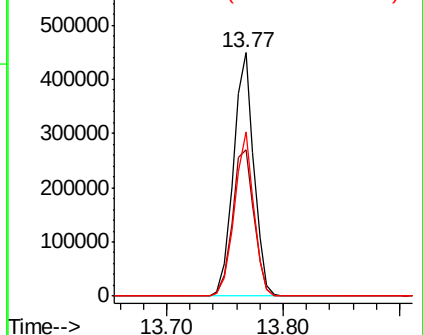


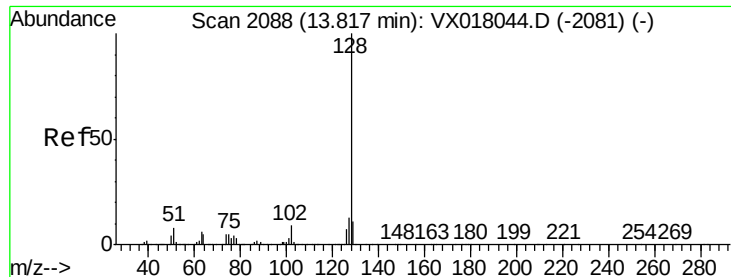
#94
 Hexachlorobutadiene
 Concen: 110.063 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion:225 Resp: 544622
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.7 92.1
 227 64.1 32.6 97.8



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

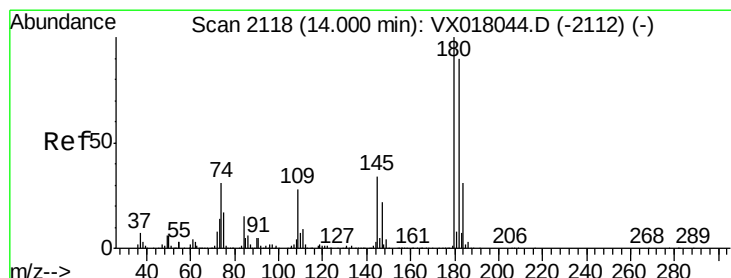
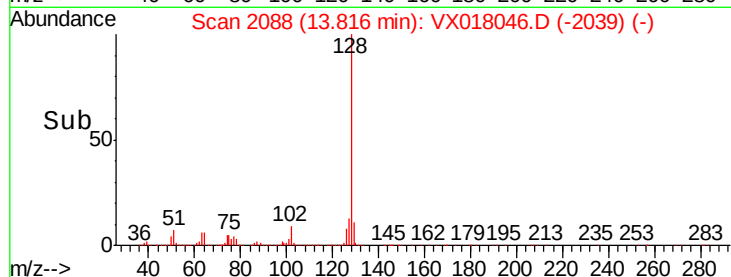
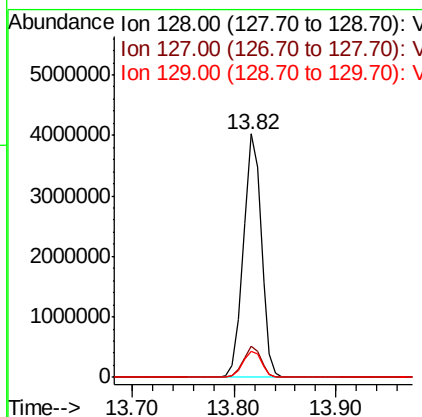
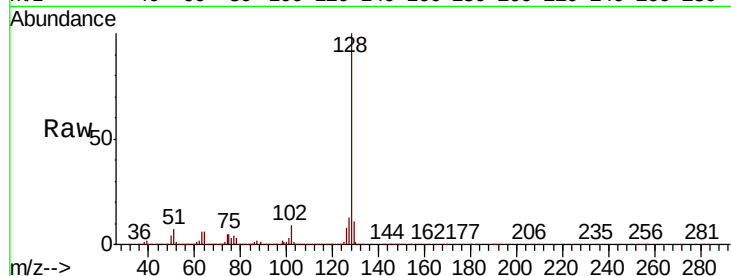




#95
Naphthalene
Concen: 137.131 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 4862323
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 136.648 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:180 Resp: 1452964
Ion Ratio Lower Upper
180 100
182 91.4 47.3 142.0
145 32.9 17.5 52.6

