

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016918.D
 Acq On : 20 Jun 2020 08:55
 Operator : JC/SP
 Sample : L3066-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

Quant Time: Jun 22 01:58:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	374037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	518532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	576847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	259515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	201038	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.46	113	176414	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.70	98	678737	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.12	95	265927	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	202614	44.140	ug/l	100
3) Chloromethane	1.31	50	166990	35.878	ug/l	100
4) Vinyl Chloride	1.39	62	234292	44.663	ug/l	99
5) Bromomethane	1.62	94	67991	21.526	ug/l	98
6) Chloroethane	1.71	64	142422	44.082	ug/l	98
7) Trichlorofluoromethane	1.92	101	303114	41.304	ug/l	98
8) Diethyl Ether	2.17	74	124417	43.606	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139864	35.781	ug/l	98
10) Methyl Iodide	2.49	142	69475	18.670	ug/l	96
11) Tert butyl alcohol	3.01	59	178227	234.364	ug/l	99
12) 1,1-Dichloroethene	2.35	96	150717	37.707	ug/l	99
13) Acrolein	2.27	56	137354	297.903	ug/l	100
14) Allyl chloride	2.71	41	236332	44.699	ug/l	95
15) Acrylonitrile	3.12	53	441163	253.151	ug/l	98
16) Acetone	2.42	43	341673	209.228	ug/l	97
17) Carbon Disulfide	2.55	76	428546	41.486	ug/l	99
18) Methyl Acetate	2.75	43	184990	44.548	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	520345	45.680	ug/l	99
20) Methylene Chloride	2.84	84	167640	42.808	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	164656	43.640	ug/l	100
22) Diisopropyl ether	3.82	45	488639	48.237	ug/l	95
23) Vinyl Acetate	3.78	43	1744786	208.882	ug/l	99
24) 1,1-Dichloroethane	3.67	63	288149	45.538	ug/l	100
25) 2-Butanone	4.63	43	572968	254.941	ug/l	99
26) 2,2-Dichloropropane	4.55	77	157981	26.649	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	187343	44.177	ug/l	98
28) Bromochloromethane	4.98	49	145233	55.301	ug/l	88
29) Tetrahydrofuran	5.09	42	448609	316.940	ug/l	95
30) Chloroform	5.18	83	338196	50.626	ug/l	95
31) Cyclohexane	5.55	56	298473	53.654	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	304144	48.104	ug/l	98
36) 1,1-Dichloropropene	5.78	75	263844	55.108	ug/l	98
37) Ethyl Acetate	4.79	43	200136	47.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	271922	50.617	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	273008	49.041	ug/l	97
40) Benzene	6.12	78	762352	53.066	ug/l	99
41) Methacrylonitrile	5.00	41	152386	66.354	ug/l	96
42) 1,2-Dichloroethane	6.17	62	240754	47.095	ug/l	99
43) Isopropyl Acetate	6.42	43	345110	46.717	ug/l	100
44) Trichloroethene	7.19	130	189615	43.098	ug/l	98
45) 1,2-Dichloropropane	7.49	63	204619	56.658	ug/l	95
46) Dibromomethane	7.64	93	133753	54.612	ug/l	98
47) Bromodichloromethane	7.88	83	276118	53.009	ug/l	99
48) Methyl methacrylate	7.74	41	219446	63.085	ug/l	97
49) 1,4-Dioxane	7.71	88	86678	1113.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1400207	315.139	ug/l	98
52) Toluene	8.77	92	495011	51.941	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	301319	52.619	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	316093	51.597	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	199648	55.485	ug/l	98
56) Ethyl methacrylate	9.16	69	324970	62.385	ug/l	98
57) 1,3-Dichloropropane	9.35	76	338941	55.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.22	63	546	0.225	ug/l #	42
59) 2-Hexanone	9.48	43	1030757	320.352	ug/l	99
60) Dibromochloromethane	9.57	129	231067	53.530	ug/l	100
61) 1,2-Dibromoethane	9.65	107	214401	54.905	ug/l	99
64) Tetrachloroethene	9.32	164	191101	35.776	ug/l	98
65) Chlorobenzene	10.12	112	549471	47.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	197388	43.601	ug/l	99
67) Ethyl Benzene	10.24	91	2116453	107.387	ug/l	100
68) m/p-Xylenes	10.34	106	1317322	171.766	ug/l	99
69) o-Xylene	10.68	106	346460	48.856	ug/l	98
70) Styrene	10.69	104	605818	50.279	ug/l	99
71) Bromoform	10.84	173	180593	47.447	ug/l #	99
73) Isopropylbenzene	11.01	105	4287419	256.594	ug/l	99
74) N-amyl acetate	10.88	43	372939	63.918	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	303822	64.395	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	335215	70.726	ug/l	86
77) Bromobenzene	11.24	156	245280	53.826	ug/l	95
78) n-propylbenzene	11.35	91	7031607	377.079	ug/l	98
79) 2-Chlorotoluene	11.41	91	917167	80.387	ug/l	79
80) 1,3,5-Trimethylbenzene	11.49	105	2685667	186.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90551	46.786	ug/l	97
82) 4-Chlorotoluene	11.49	91	903118	65.980	ug/l	88
83) tert-Butylbenzene	11.76	119	1007342	70.621	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	13095910	881.847	ug/l	82
85) sec-Butylbenzene	11.93	105	2035924	122.897	ug/l	85
86) p-Isopropyltoluene	12.05	119	1160952	76.487	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	389488	46.783	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	390314	46.357	ug/l	99
89) n-Butylbenzene	12.37	91	1212026	93.119	ug/l #	81
90) Hexachloroethane	12.58	117	244969	89.595	ug/l #	50
91) 1,2-Dichlorobenzene	12.38	146	370182	46.059	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	81507	72.859	ug/l	82

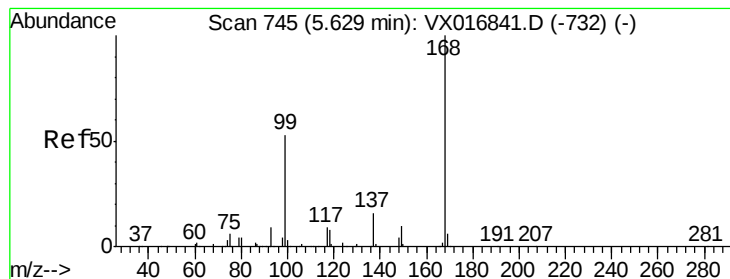
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284021	52.626	ug/l	95
94) Hexachlorobutadiene	13.77	225	72910	29.938	ug/l	99
95) Naphthalene	13.82	128	1939107	122.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	279189	51.873	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

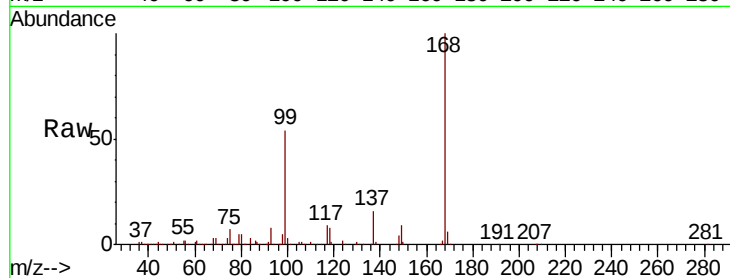
MW-2MS

Tot Ion:168 Resp: 374037

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

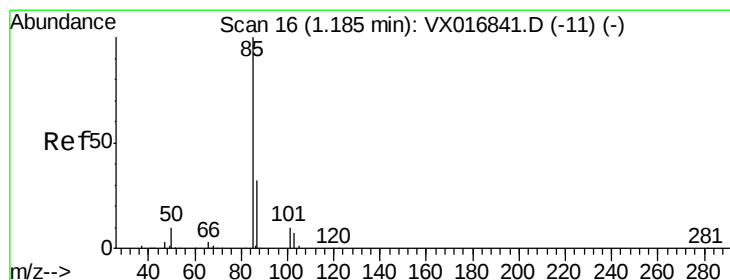
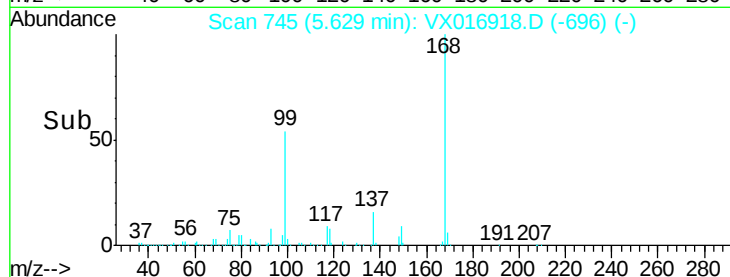
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.140 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016918.D

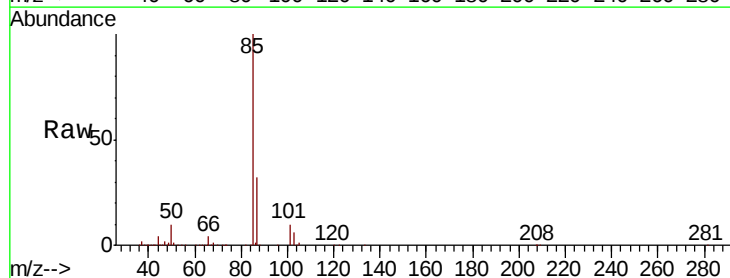
Acq: 20 Jun 2020 08:55

Tgt Ion: 85 Resp: 202614

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

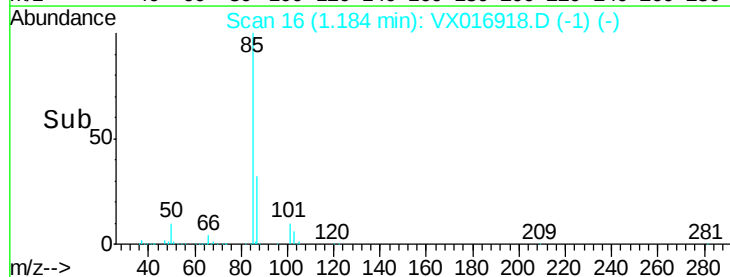
100000

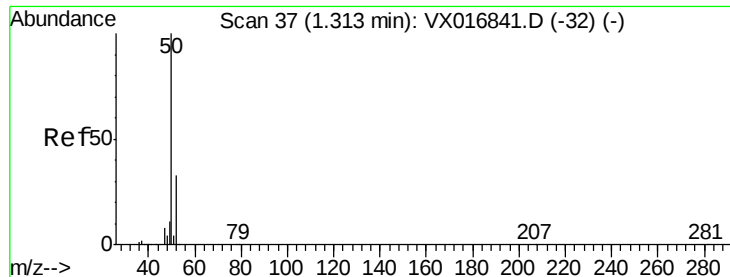
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 35.878 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

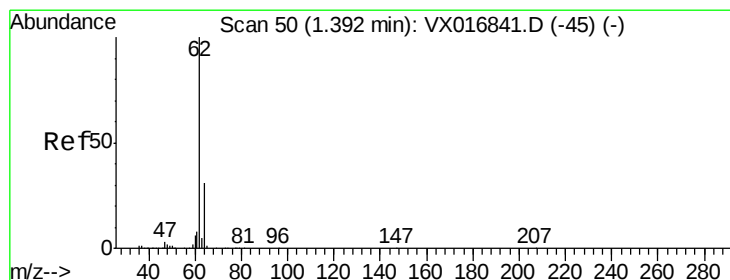
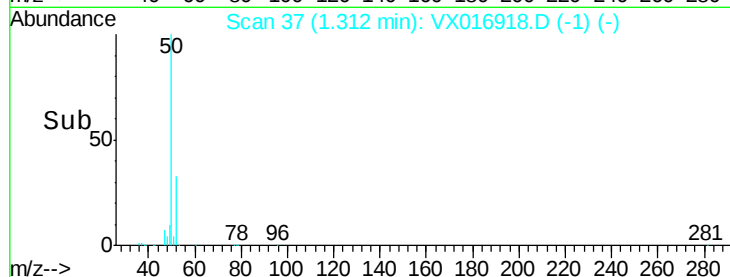
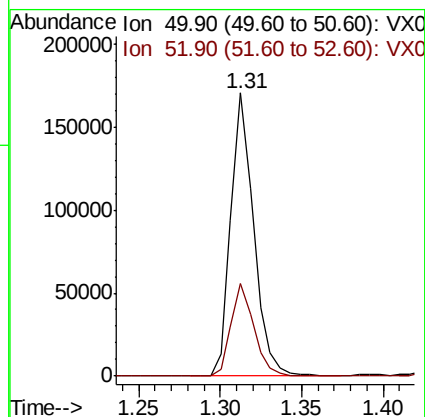
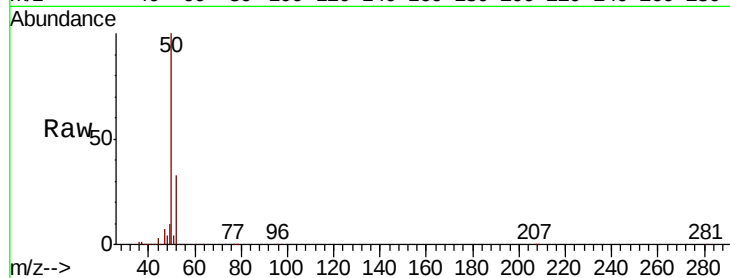
MW-2MS

Tot Ion: 50 Resp: 166990

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 44.663 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016918.D

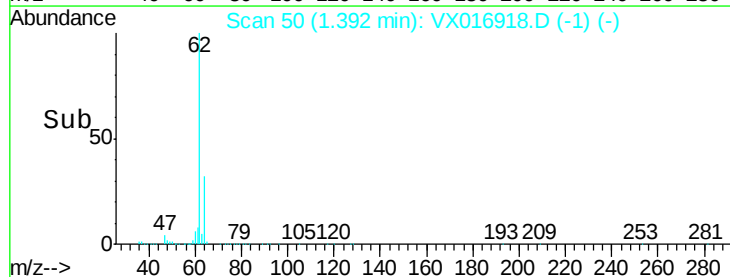
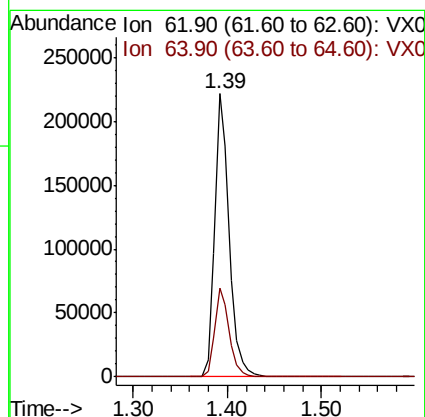
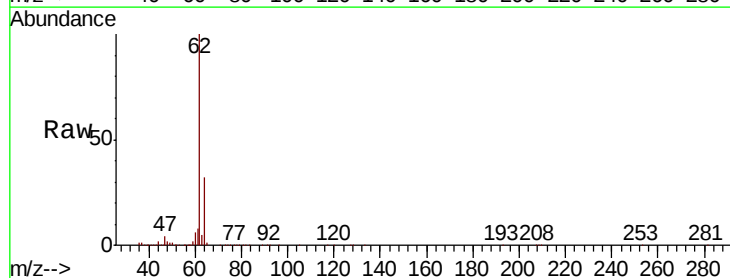
Acq: 20 Jun 2020 08:55

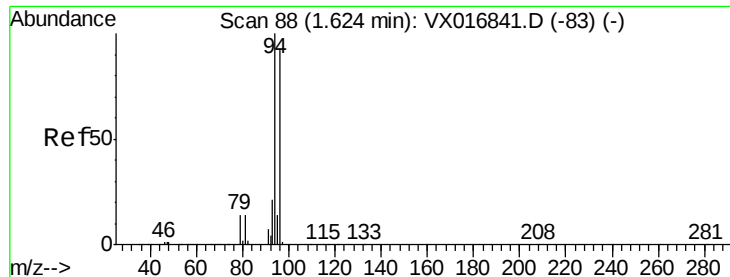
Tgt Ion: 62 Resp: 234292

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 21.526 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

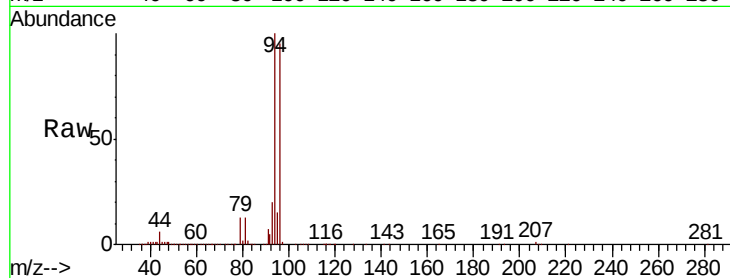
MW-2MS

Tot Ion: 94 Resp: 67991

Ion Ratio Lower Upper

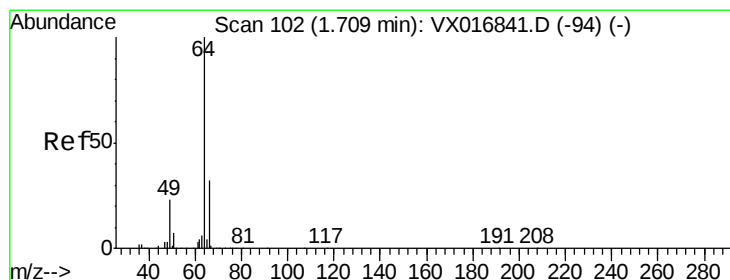
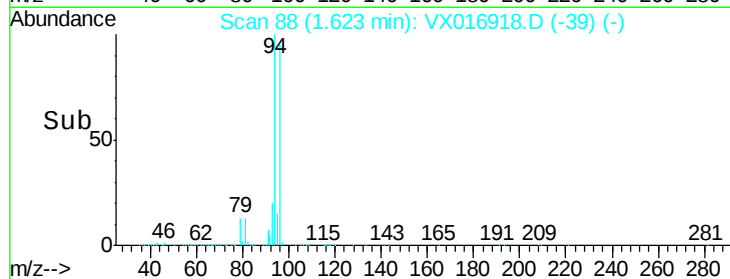
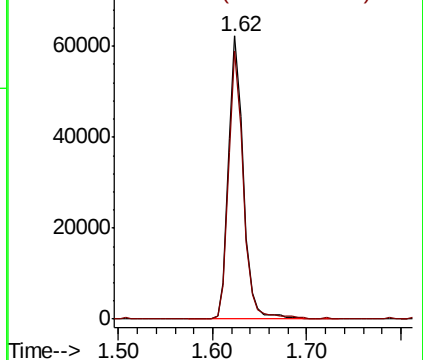
94 100

96 94.8 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.082 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016918.D

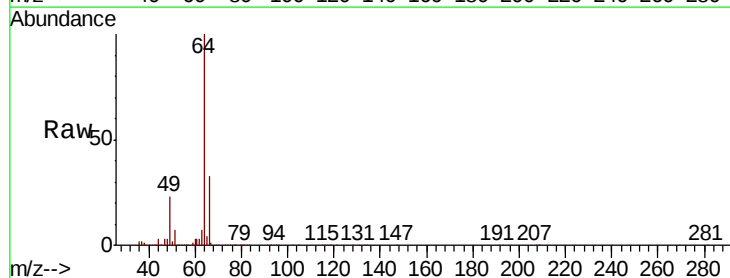
Acq: 20 Jun 2020 08:55

Tgt Ion: 64 Resp: 142422

Ion Ratio Lower Upper

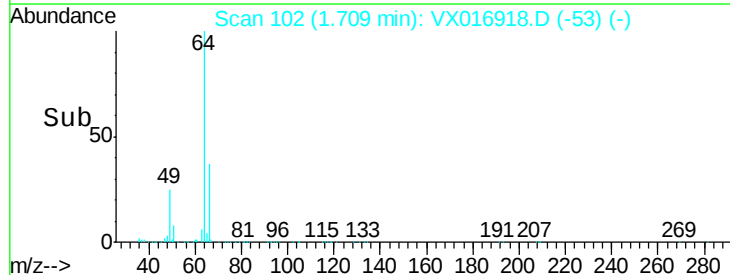
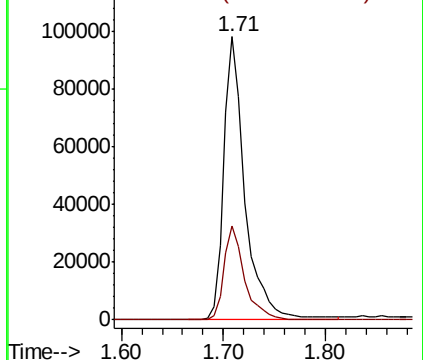
64 100

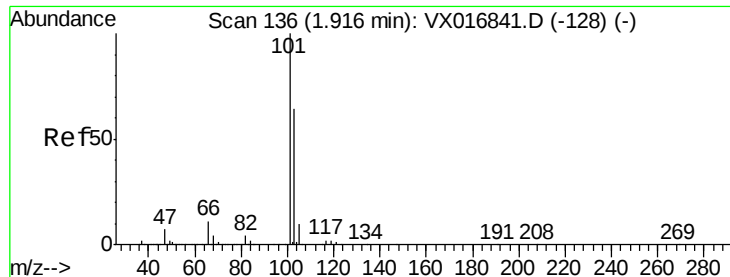
66 33.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



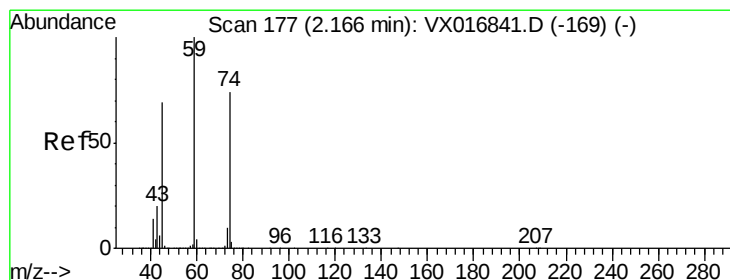
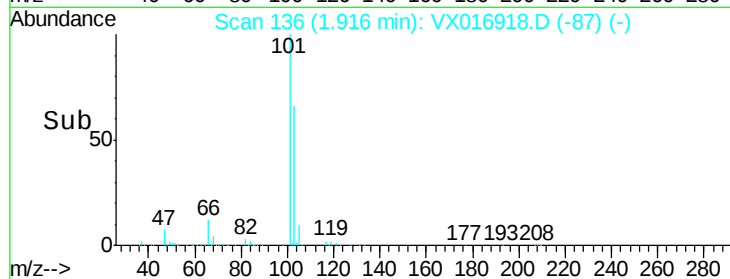
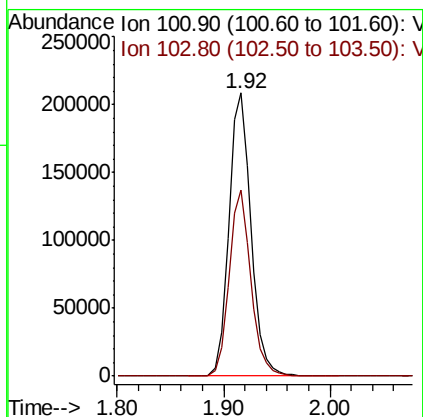
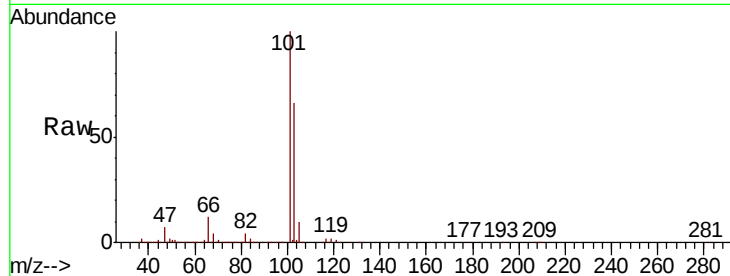


#7

Trichlorofluoromethane
 Concen: 41.304 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

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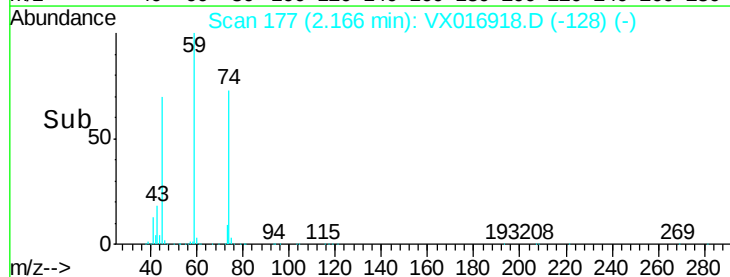
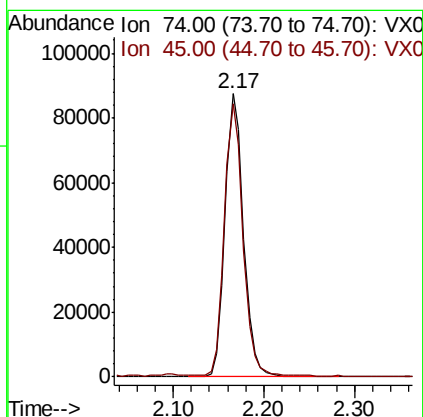
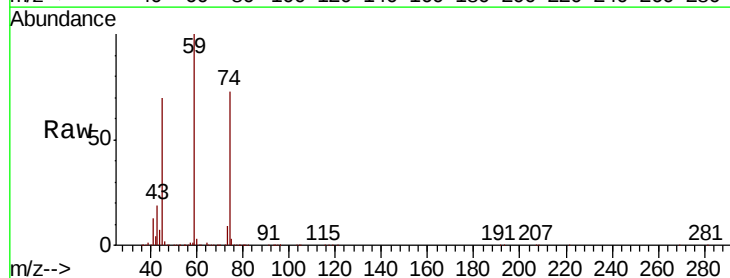
Tot Ion:101 Resp: 303114
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.2 76.8

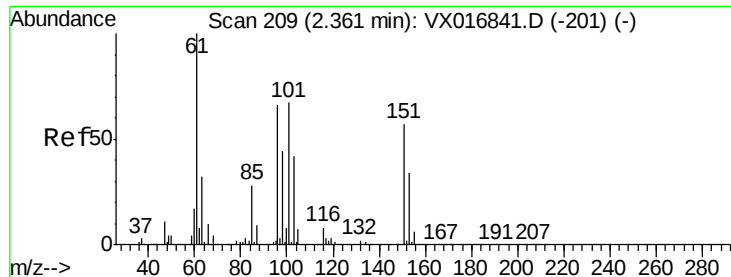


#8

Diethyl Ether
 Concen: 43.606 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion: 74 Resp: 124417
 Ion Ratio Lower Upper
 74 100
 45 95.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.781 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

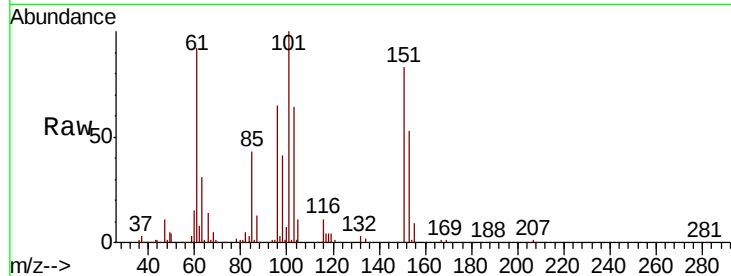
Tot Ion:101 Resp: 139864

Ion Ratio Lower Upper

101 100

85 42.2 34.3 51.5

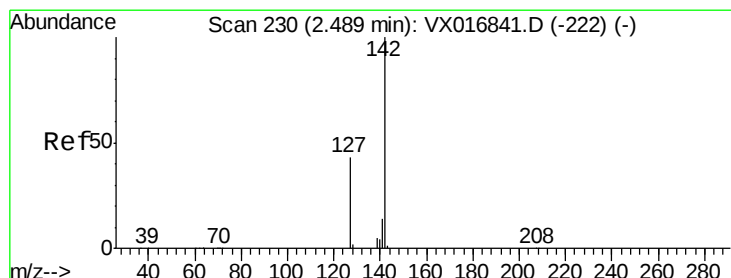
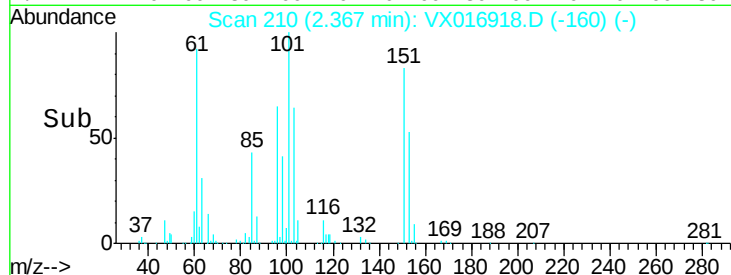
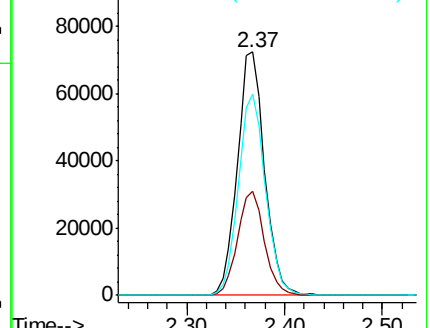
151 82.4 67.6 101.4



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: 18.670 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

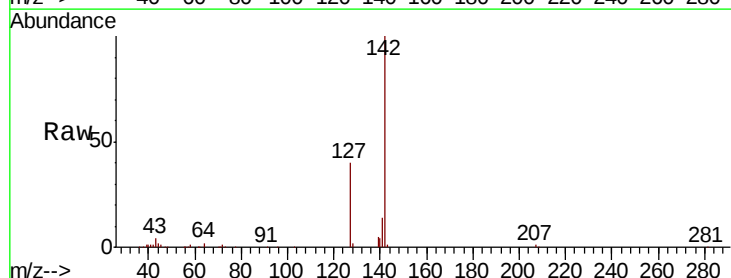
Tgt Ion:142 Resp: 69475

Ion Ratio Lower Upper

142 100

127 41.0 35.1 52.7

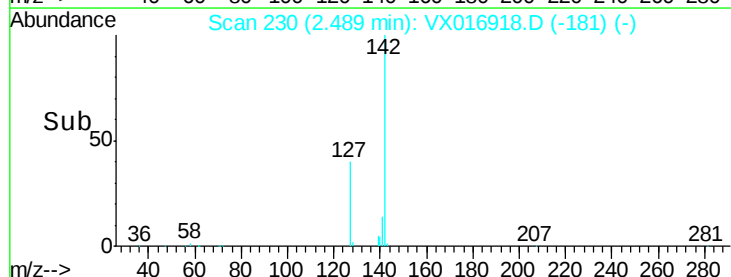
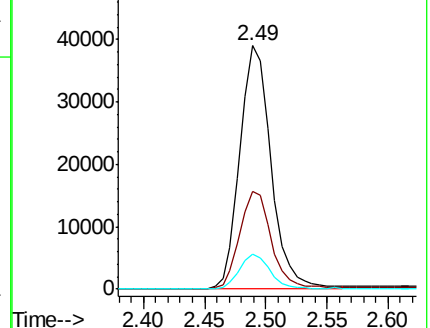
141 14.1 11.6 17.4

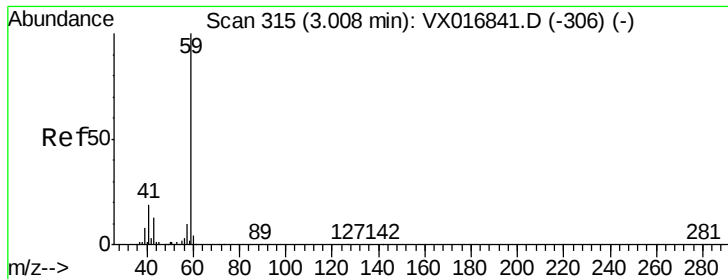


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

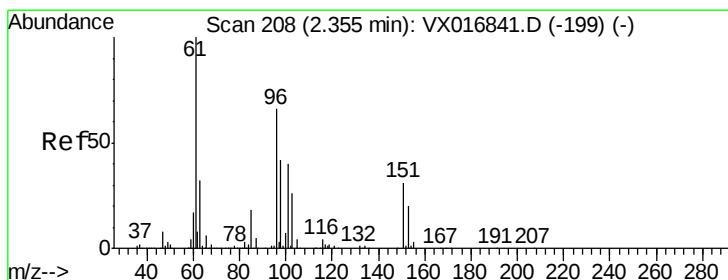
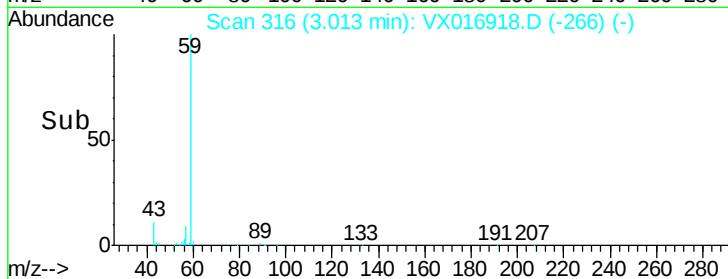
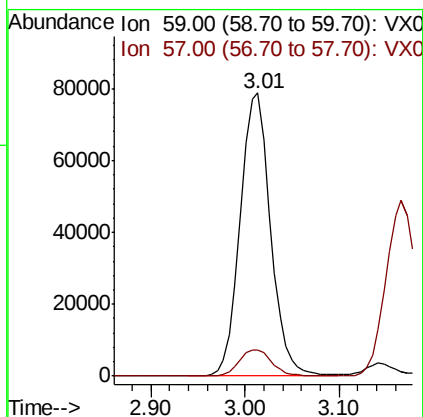
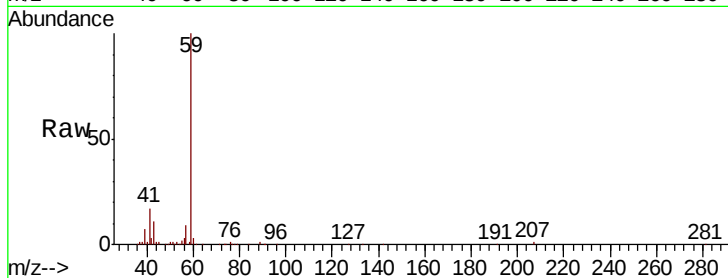




#11
Tert butyl alcohol
Concen: 234.364 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

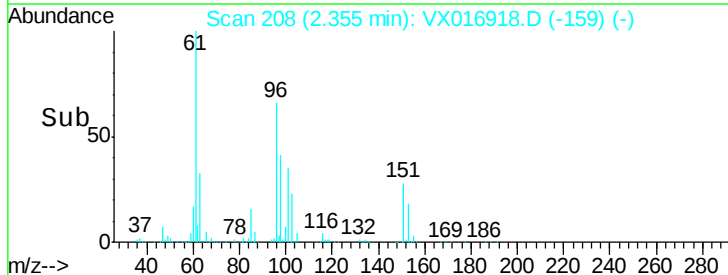
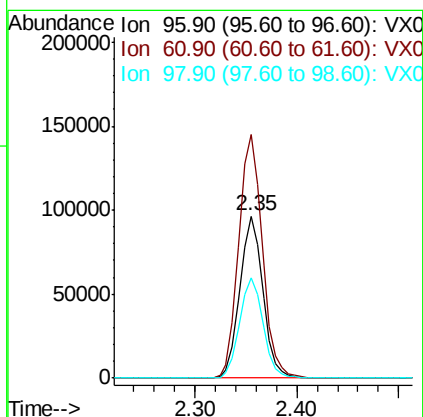
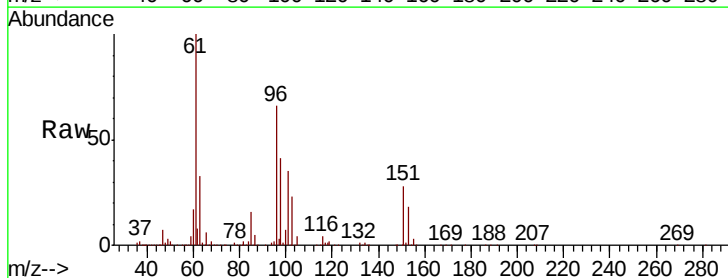
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

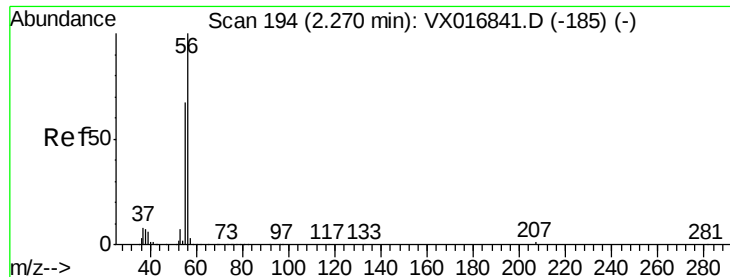
Tot Ion: 59 Resp: 178227
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 37.707 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 96 Resp: 150717
Ion Ratio Lower Upper
96 100
61 150.5 121.7 182.5
98 62.3 51.1 76.7

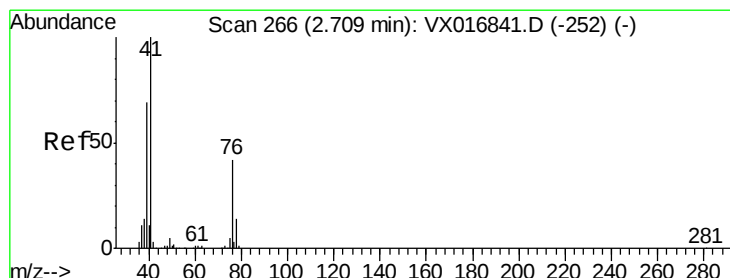
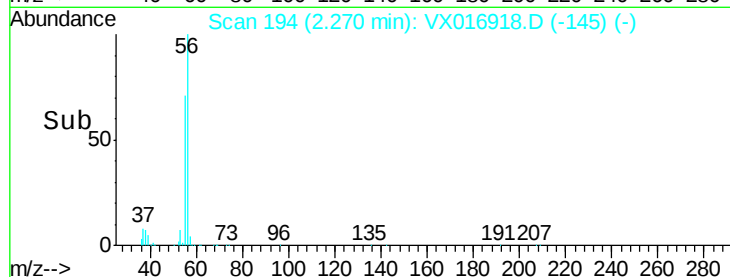
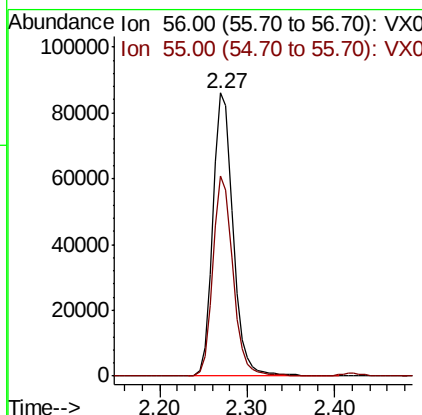
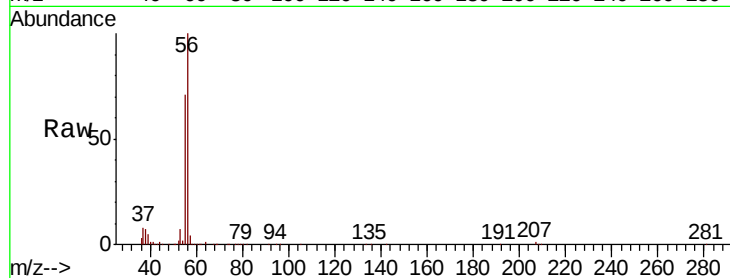




#13
Acrolein
Concen: 297.903 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

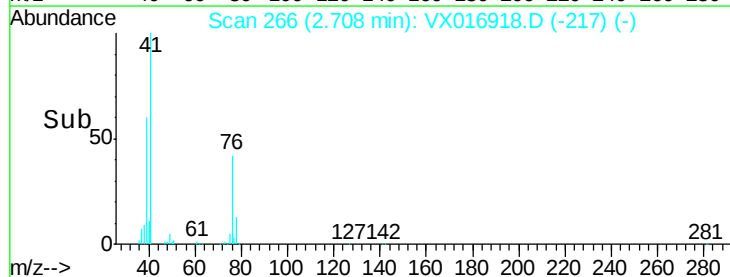
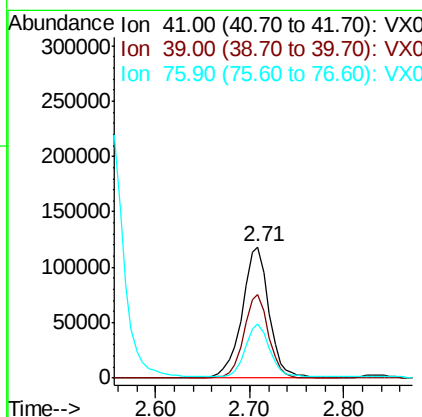
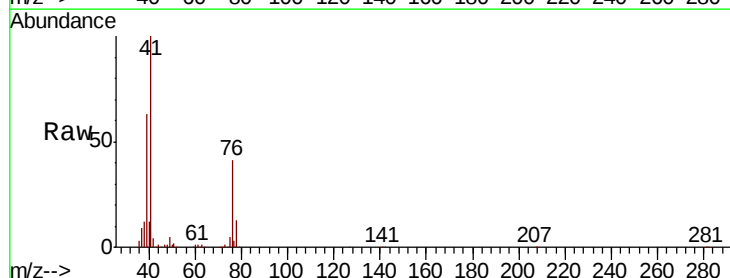
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

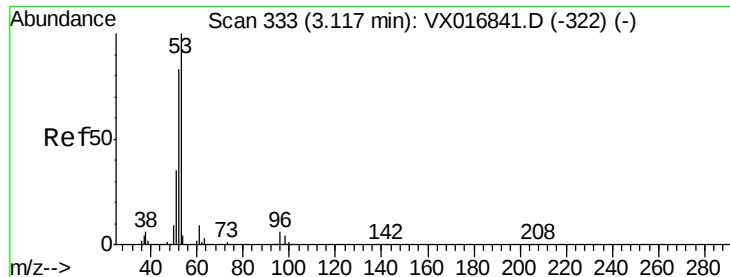
Tot Ion: 56 Resp: 137354
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Allyl chloride
Concen: 44.699 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 41 Resp: 236332
Ion Ratio Lower Upper
41 100
39 58.1 50.7 76.1
76 37.4 30.9 46.3





#15

Acrylonitrile

Concen: 253.151 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampled :

MW-2MS

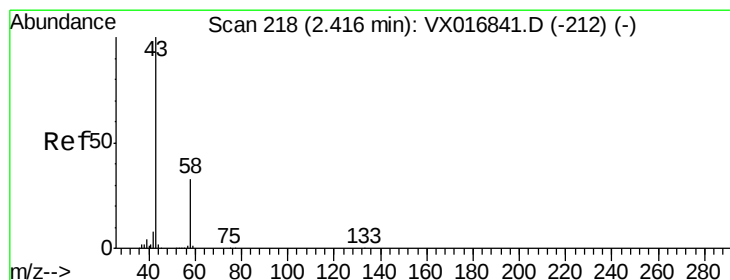
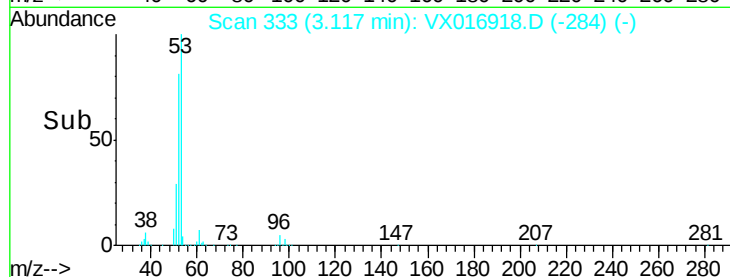
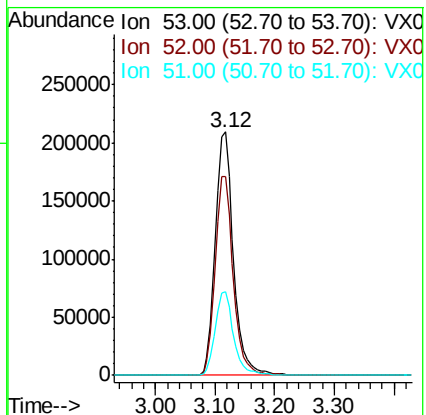
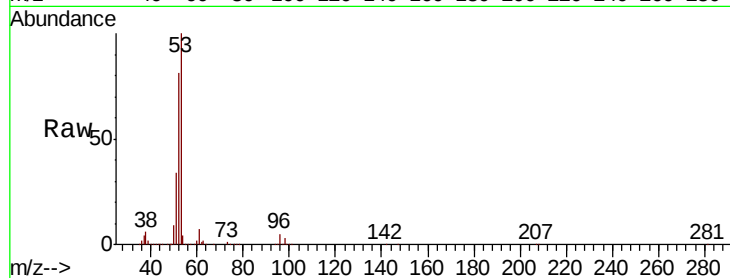
Tot Ion: 53 Resp: 441163

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.2

51 34.8 28.7 43.1



#16

Acetone

Concen: 209.228 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016918.D

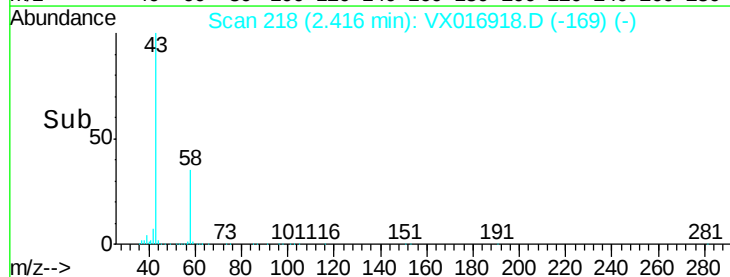
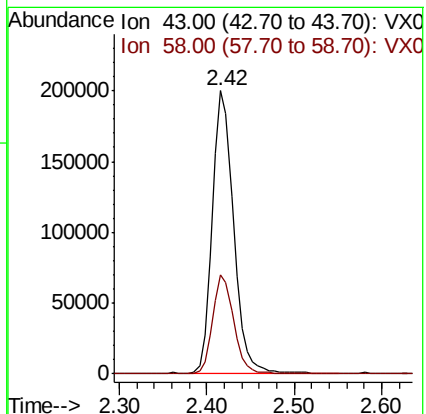
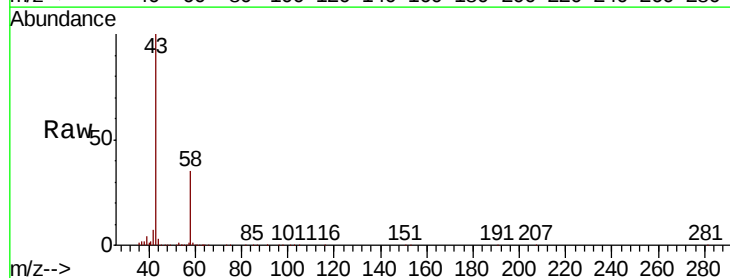
Acq: 20 Jun 2020 08:55

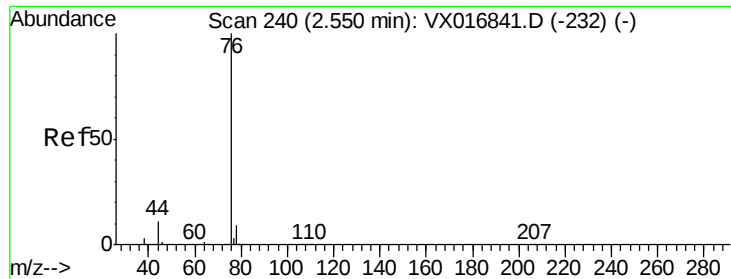
Tgt Ion: 43 Resp: 341673

Ion Ratio Lower Upper

43 100

58 35.1 26.6 39.8

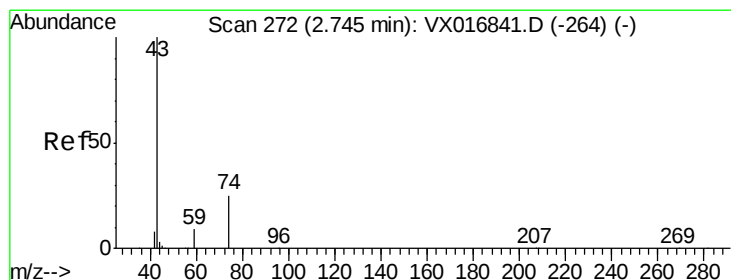
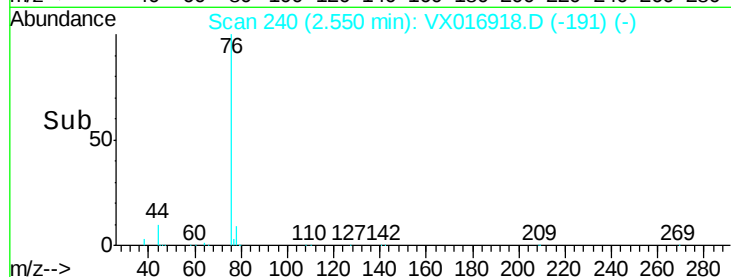
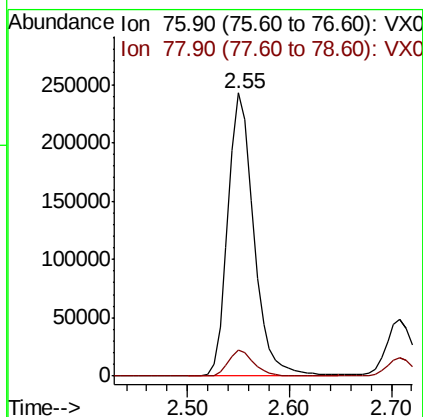
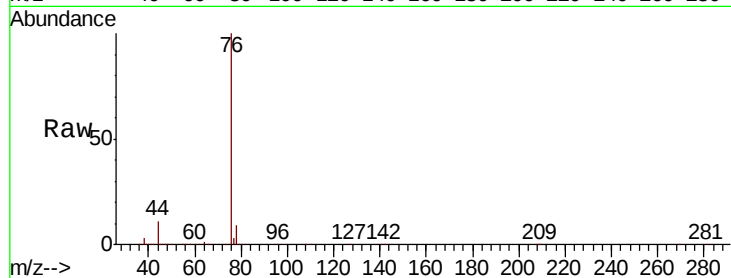




#17
Carbon Disulfide
Concen: 41.486 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

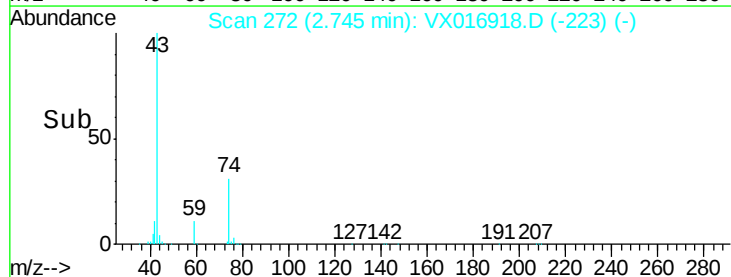
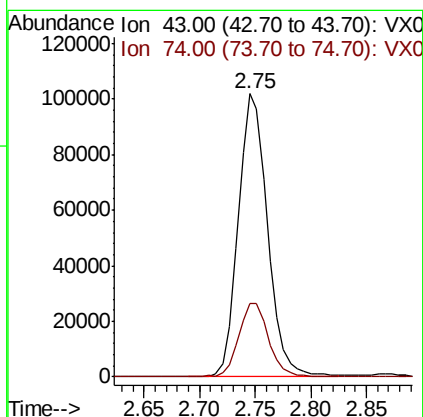
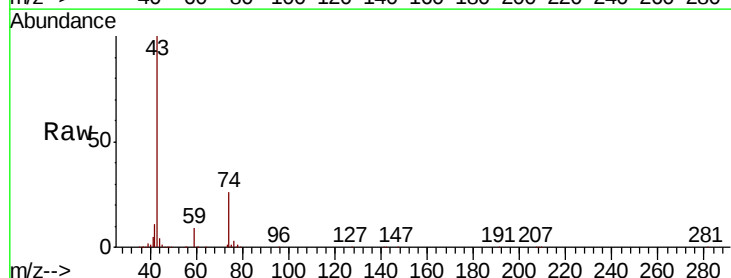
Instrument :
MSVOA_X
ClientSampled :
MW-2MS

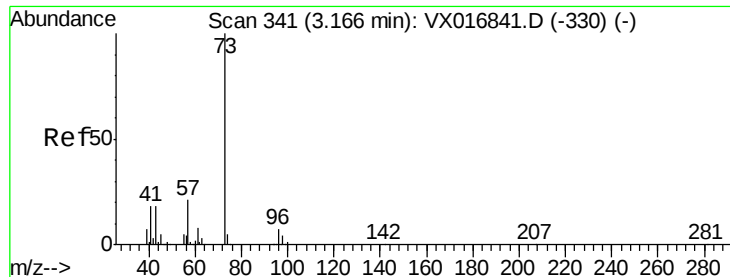
Tot Ion: 76 Resp: 428546
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 44.548 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 43 Resp: 184990
Ion Ratio Lower Upper
43 100
74 27.0 21.8 32.8

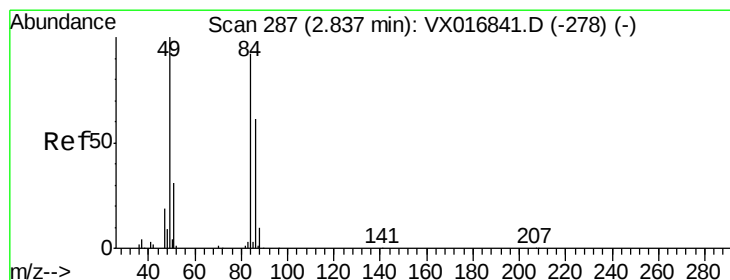
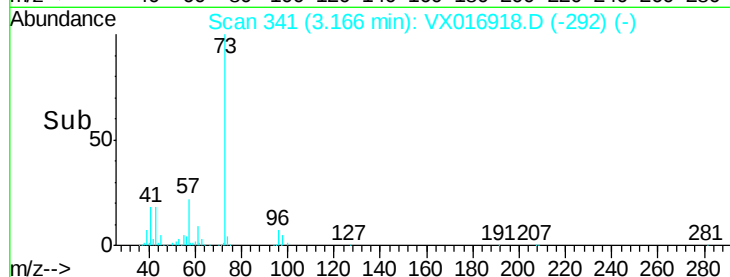
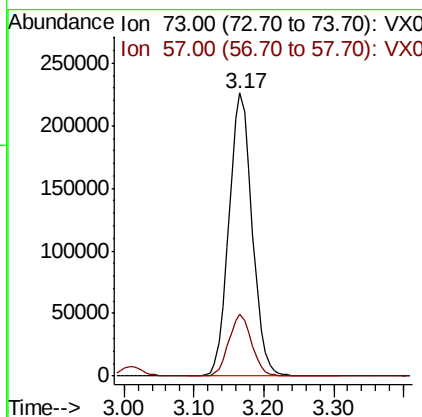
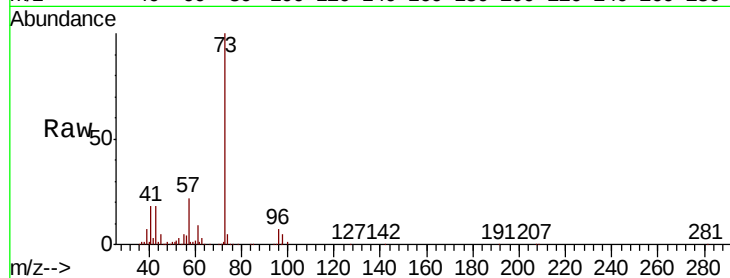




#19
Methvl tert-butvl Ether
Concen: 45.680 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

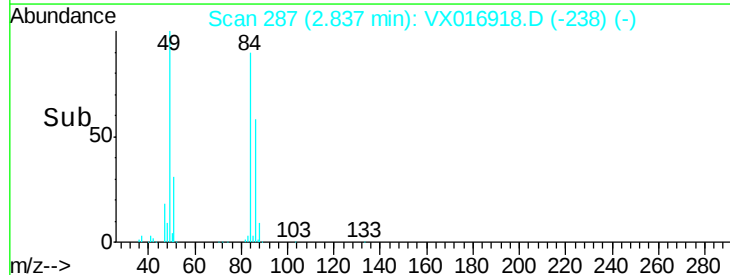
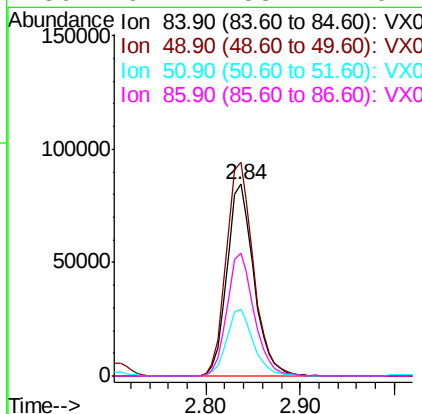
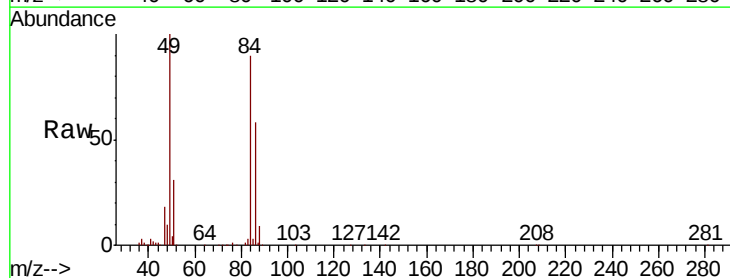
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

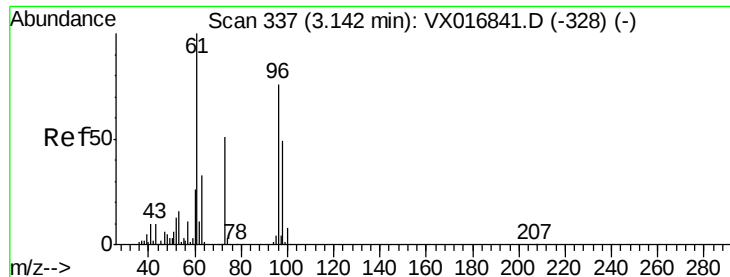
Tot Ion: 73 Resp: 520345
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3



#20
Methylene Chloride
Concen: 42.808 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 84 Resp: 167640
Ion Ratio Lower Upper
84 100
49 111.4 86.6 129.8
51 34.5 27.1 40.7
86 64.4 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 43.640 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampled :

MW-2MS

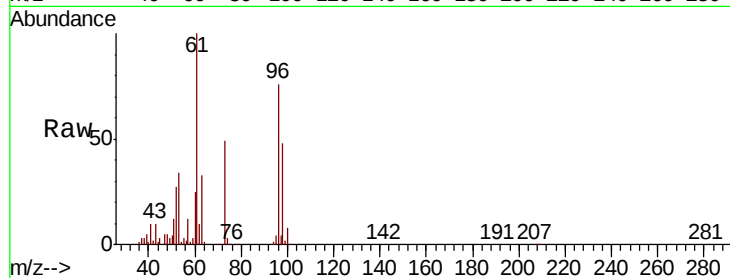
Tot Ion: 96 Resp: 164656

Ion Ratio Lower Upper

96 100

61 131.7 105.4 158.0

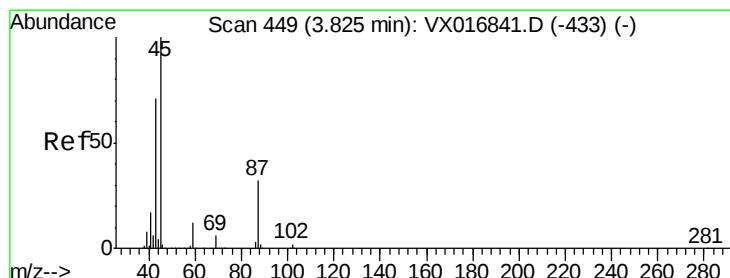
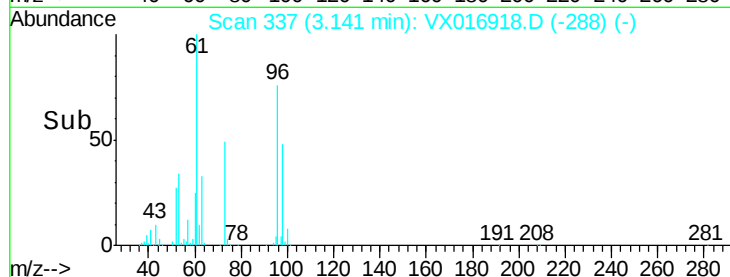
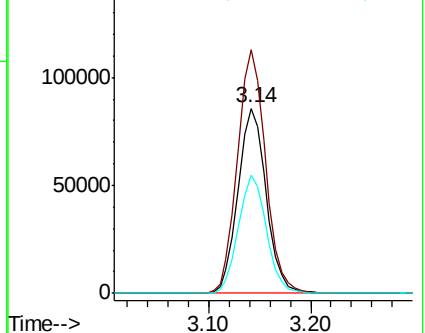
98 63.6 51.3 76.9



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: 48.237 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Tgt Ion: 45 Resp: 488639

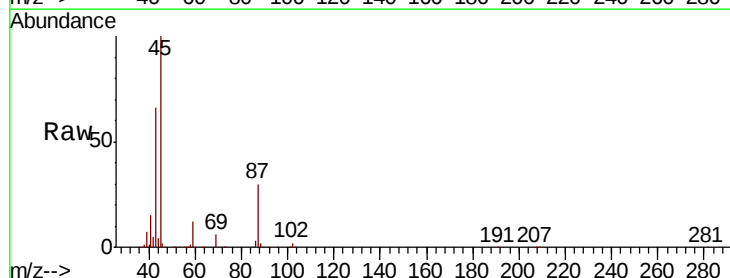
Ion Ratio Lower Upper

45 100

43 65.8 57.0 85.4

87 30.4 25.2 37.8

59 12.1 9.9 14.9

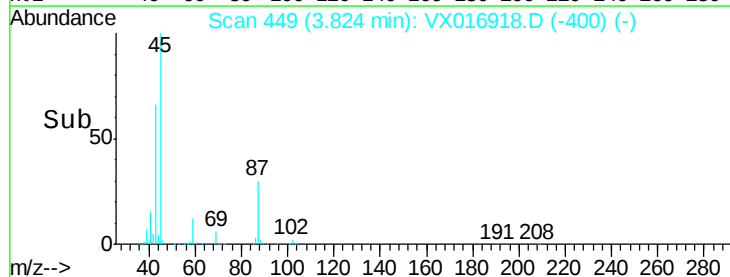
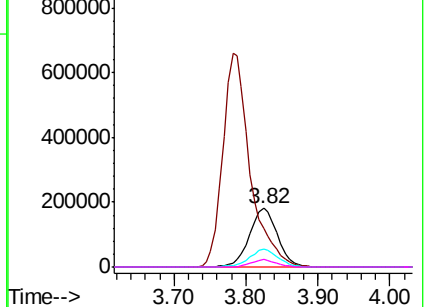


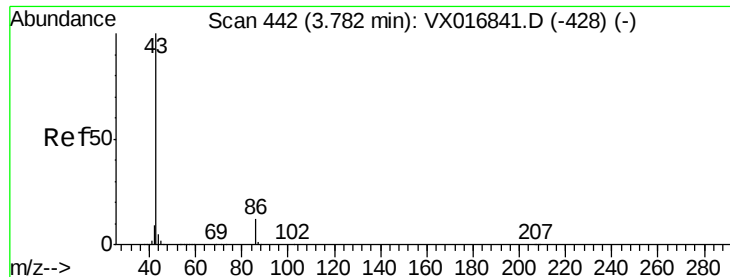
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 208.882 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

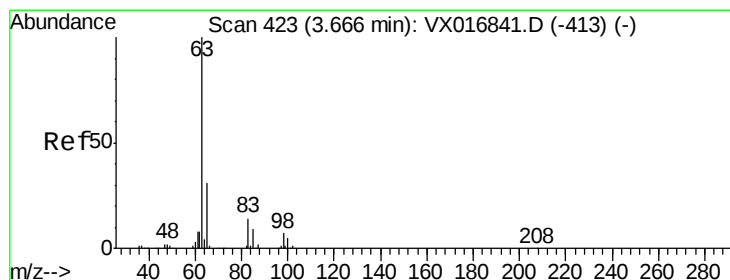
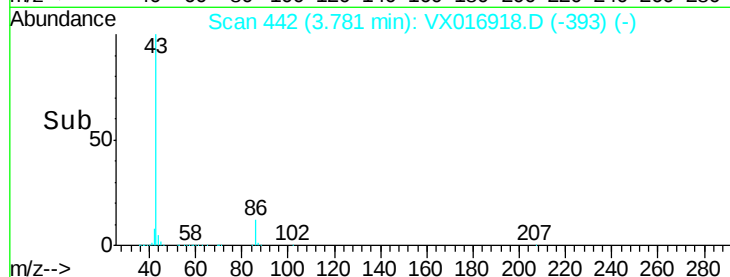
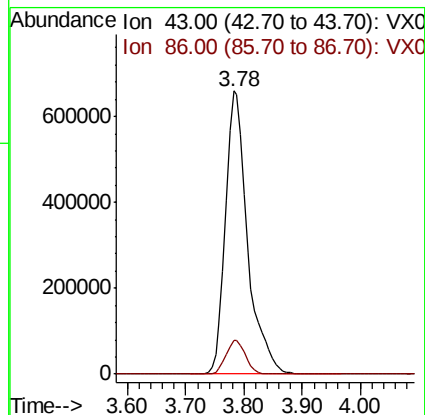
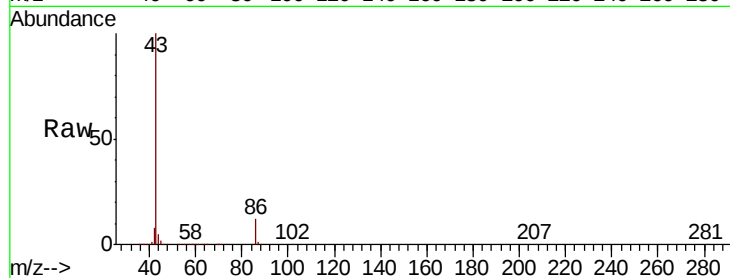
MW-2MS

Tot Ion: 43 Resp: 1744786

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



#24

1,1-Dichloroethane

Concen: 45.538 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

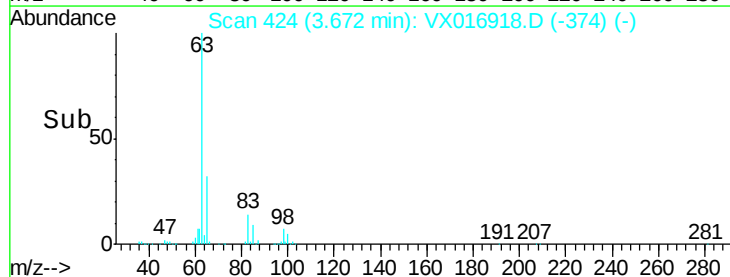
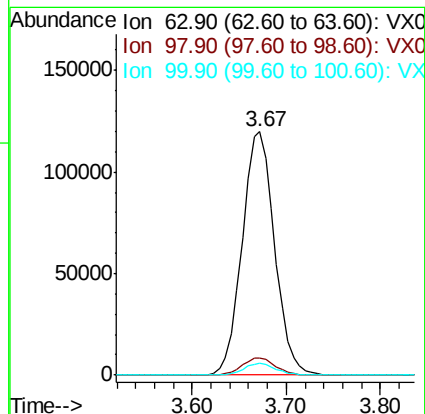
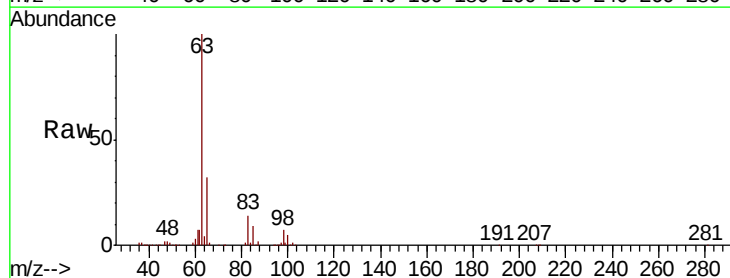
Tgt Ion: 63 Resp: 288149

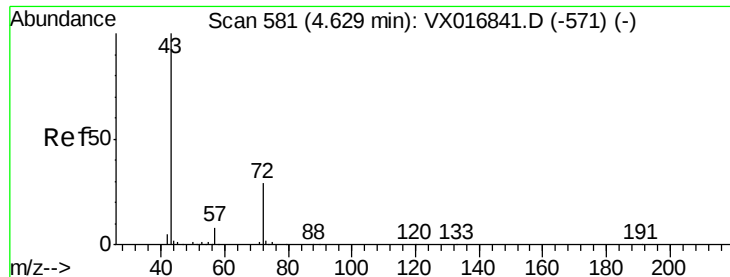
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 254.941 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

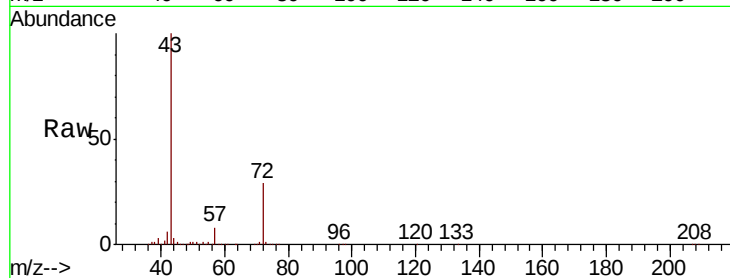
MW-2MS

Tot Ion: 43 Resp: 572968

Ion Ratio Lower Upper

43 100

72 28.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

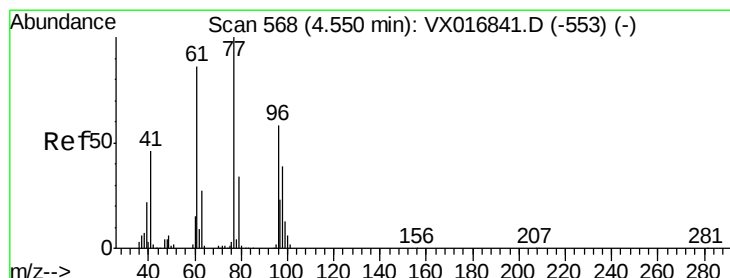
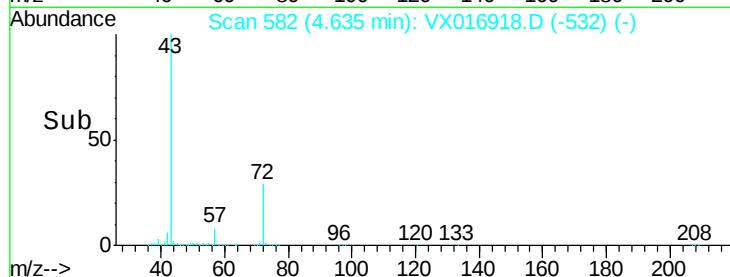
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 26.649 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016918.D

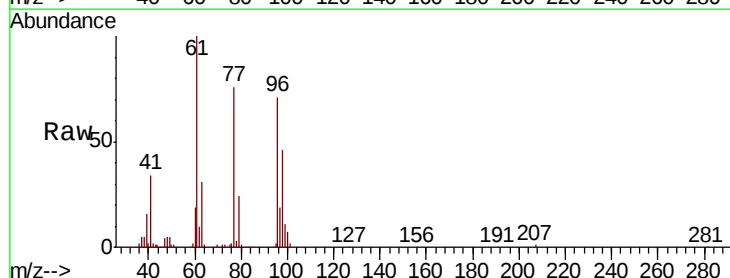
Acq: 20 Jun 2020 08:55

Tgt Ion: 77 Resp: 157981

Ion Ratio Lower Upper

77 100

97 25.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

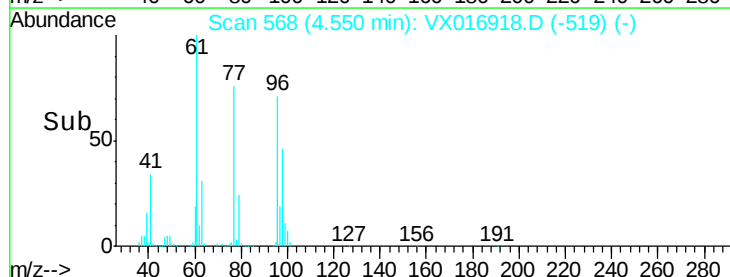
20000

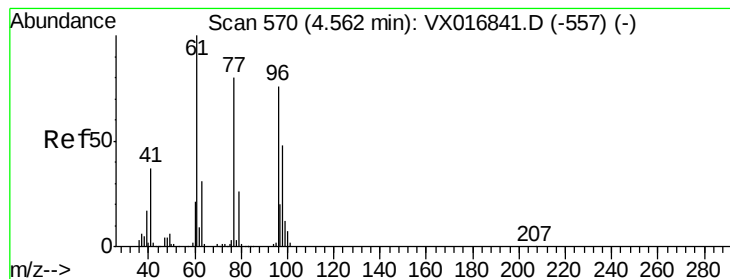
10000

0

4.40 4.50 4.60 4.70

Time-->



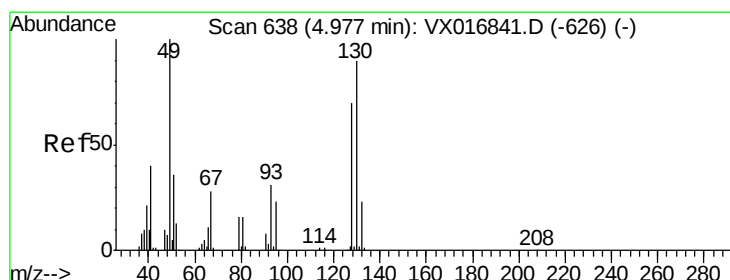
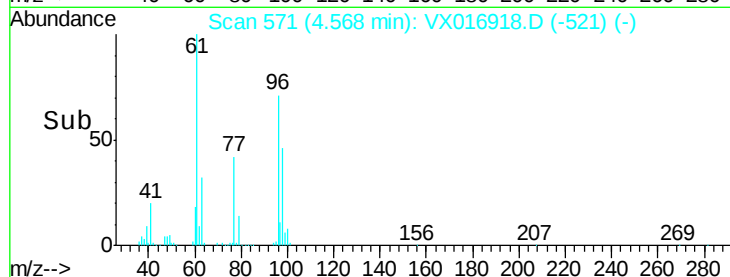
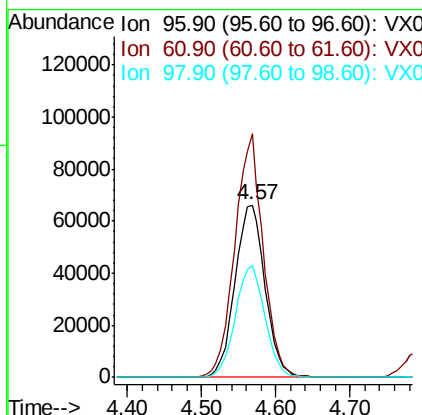
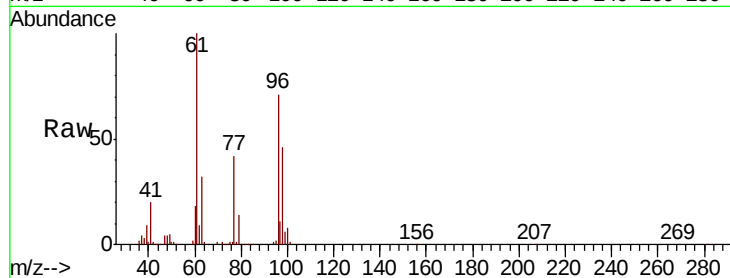


#27

cis-1,2-Dichloroethene
 Concen: 44.177 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

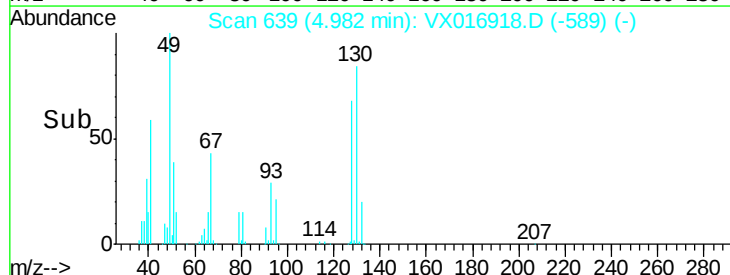
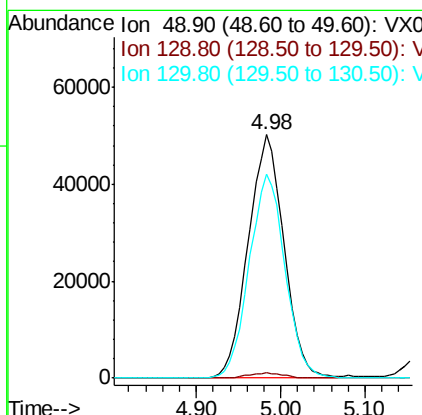
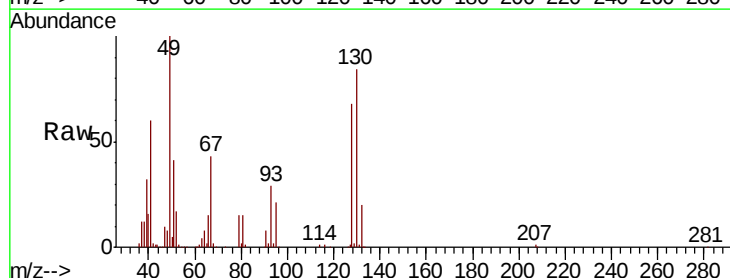
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	273.8
98	64.0	0.0	129.0

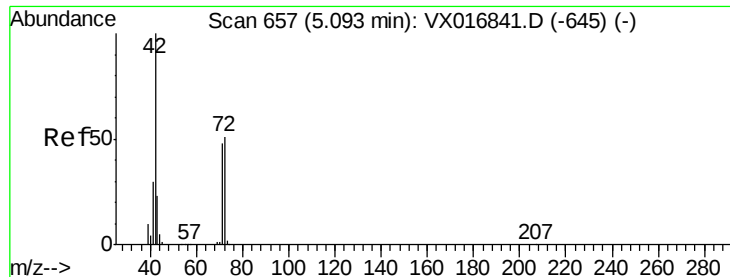


#28

Bromochloromethane
 Concen: 55.301 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	84.2	76.8	115.2





#29

Tetrahydrofuran

Concen: 316.940 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

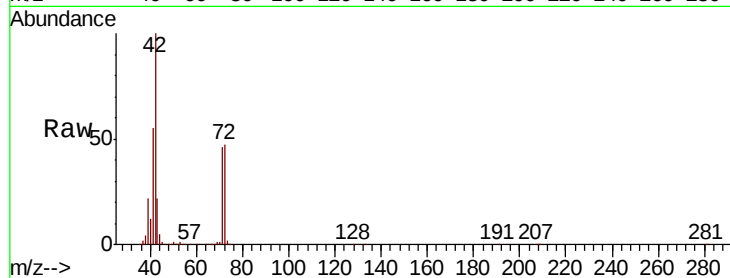
Tot Ion: 42 Resp: 448609

Ion Ratio Lower Upper

42 100

72 47.7 41.1 61.7

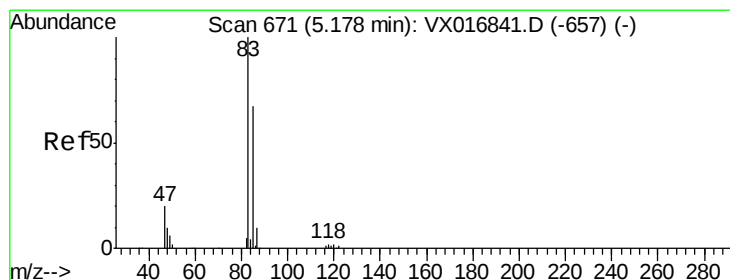
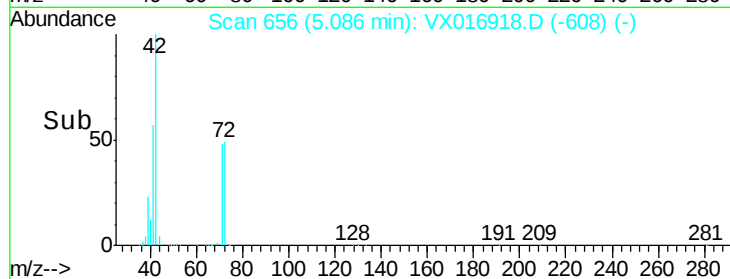
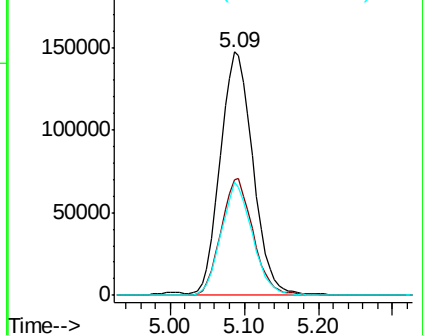
71 44.5 38.4 57.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.626 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016918.D

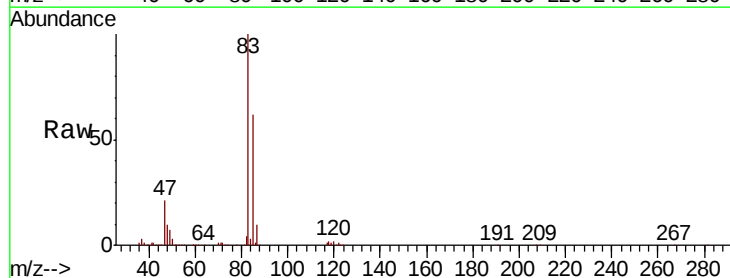
Acq: 20 Jun 2020 08:55

Tgt Ion: 83 Resp: 338196

Ion Ratio Lower Upper

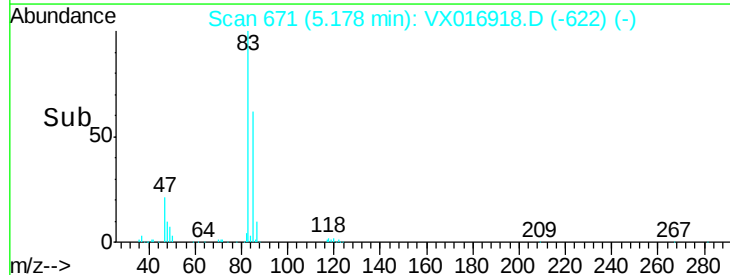
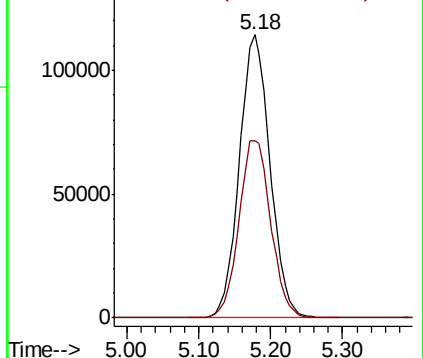
83 100

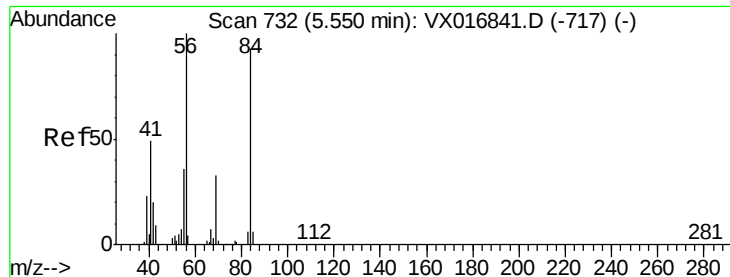
85 62.5 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

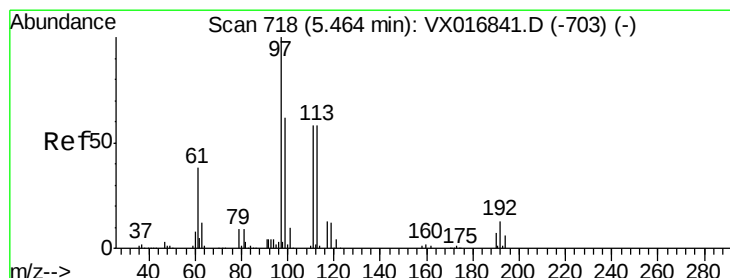
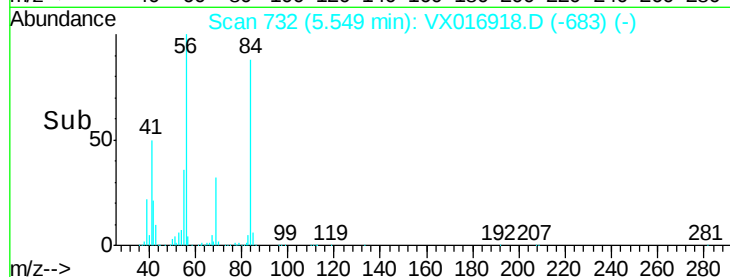
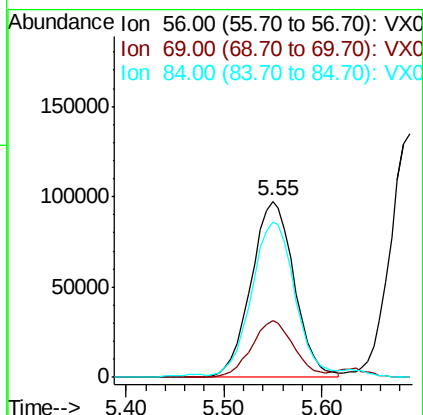
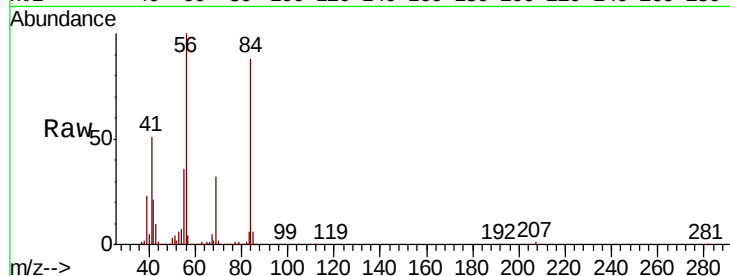




#31
Cyclohexane
Concen: 53.654 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

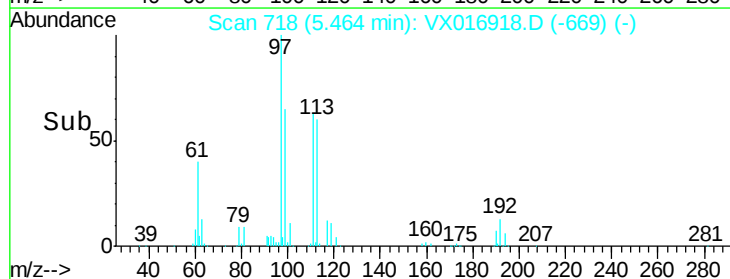
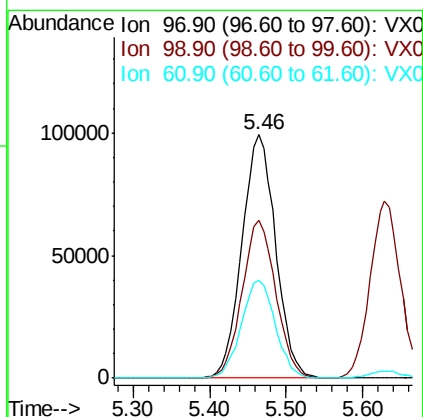
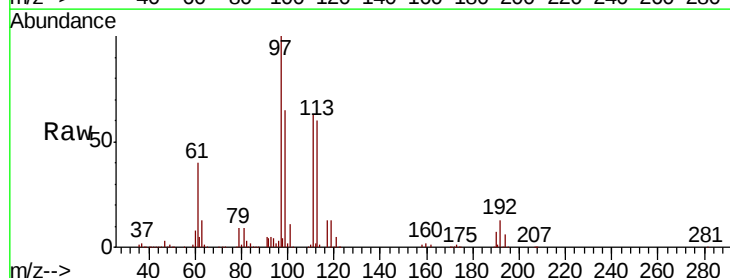
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

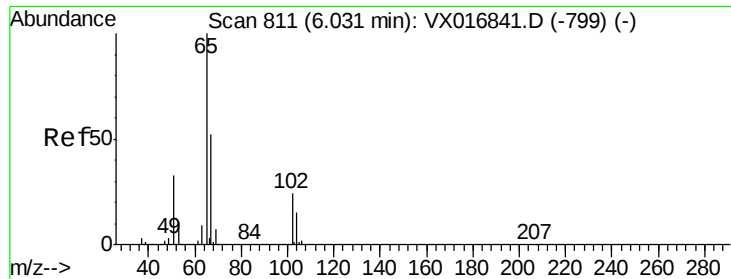
Tot Ion: 56 Resp: 298473
Ion Ratio Lower Upper
56 100
69 32.3 26.1 39.1
84 86.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 48.104 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 97 Resp: 304144
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 40.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 44.690 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

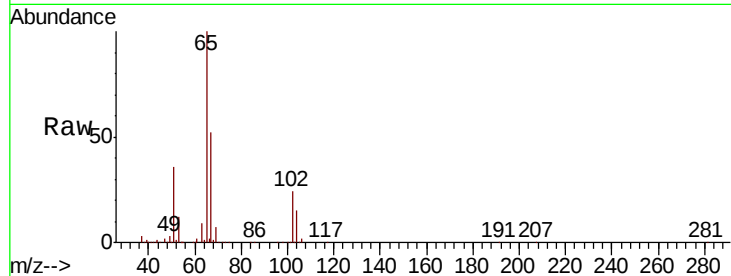
MW-2MS

Tot Ion: 65 Resp: 201038

Ion Ratio Lower Upper

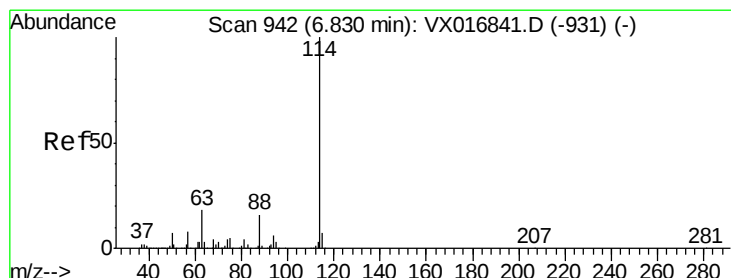
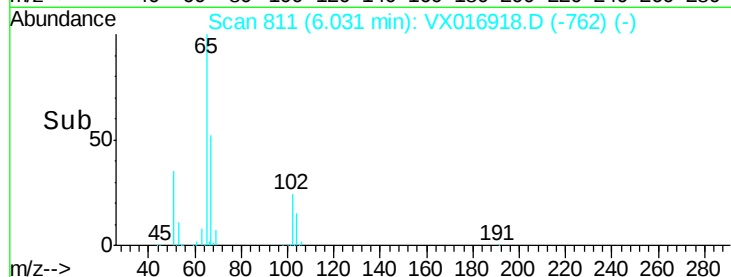
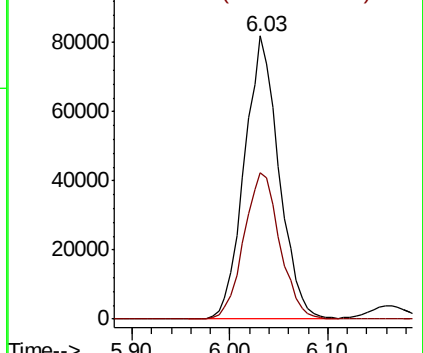
65 100

67 53.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

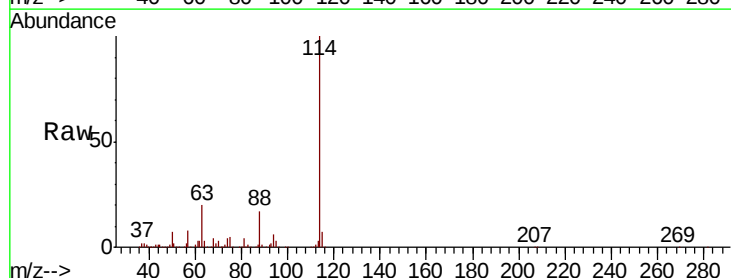
Tgt Ion: 114 Resp: 518532

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

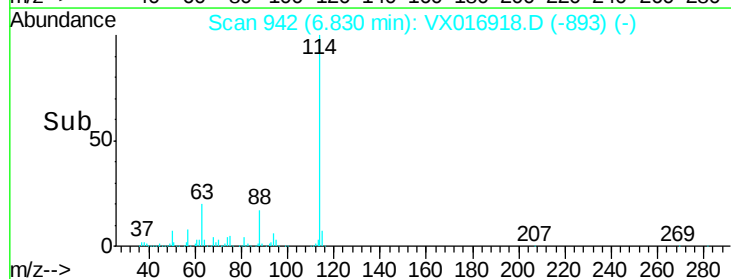
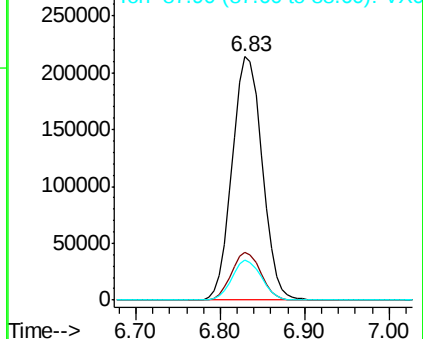
88 16.6 0.0 32.0

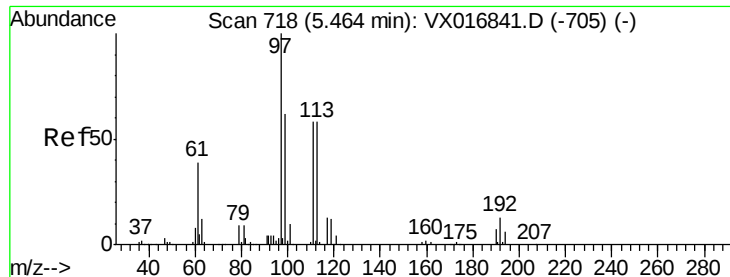


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

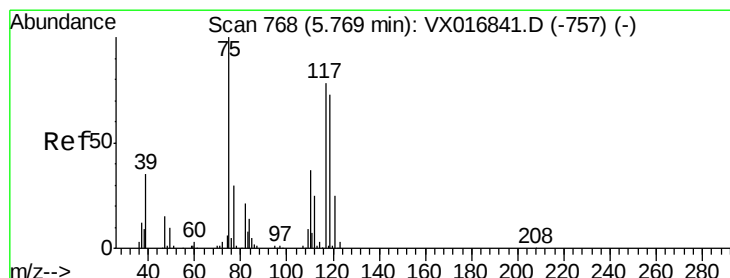
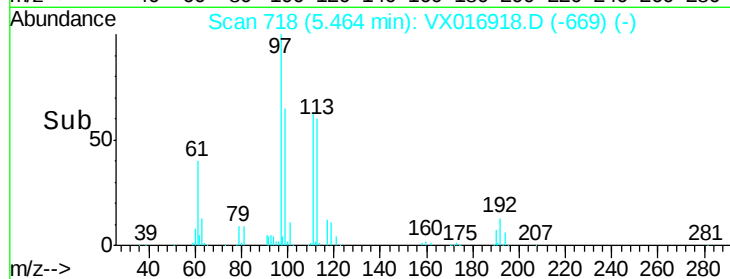
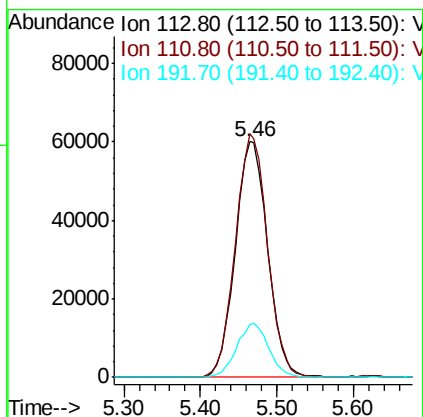
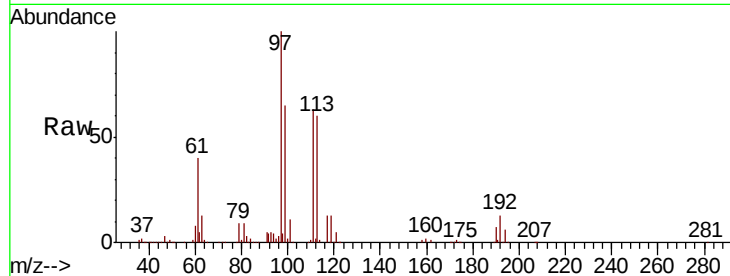




#35
Dibromofluoromethane
Concen: 53.184 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

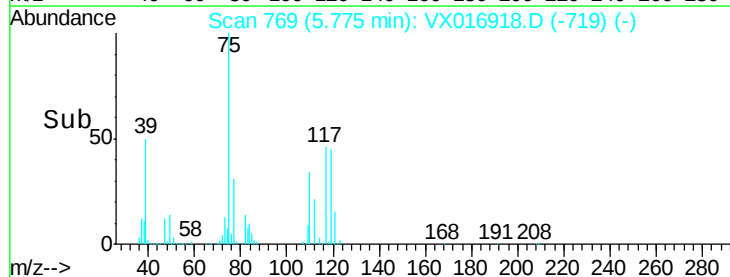
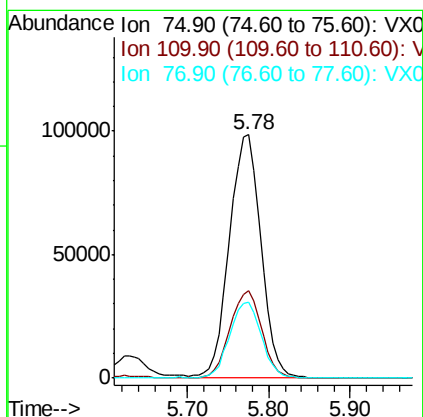
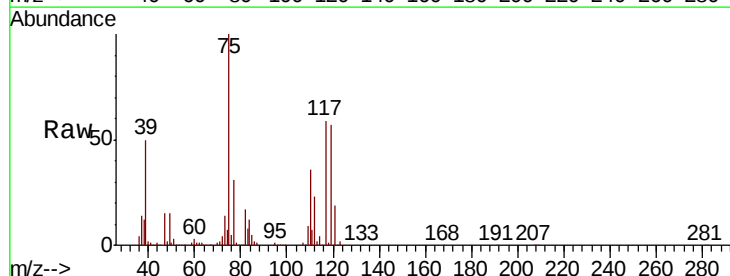
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

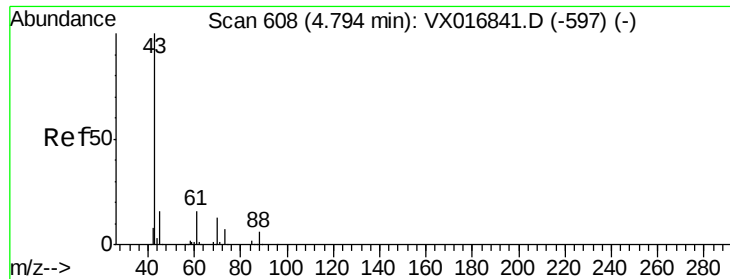
Tot Ion:113 Resp: 176414
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.4
192 22.6 18.5 27.7



#36
1,1-Dichloropropene
Concen: 55.108 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 75 Resp: 263844
Ion Ratio Lower Upper
75 100
110 36.1 18.9 56.9
77 31.5 25.6 38.4

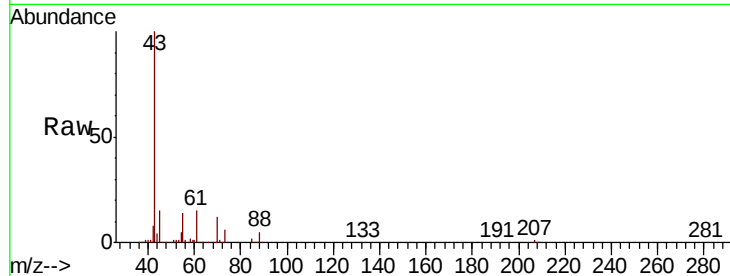




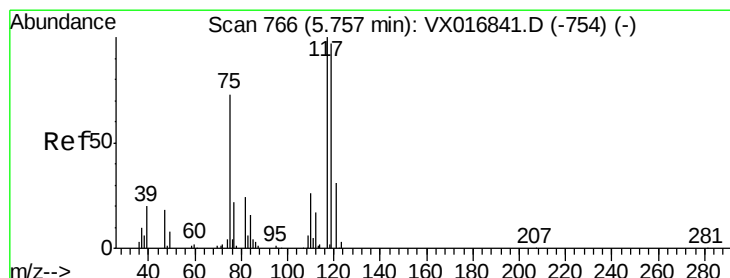
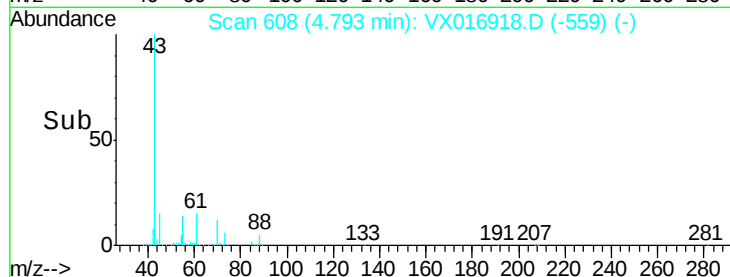
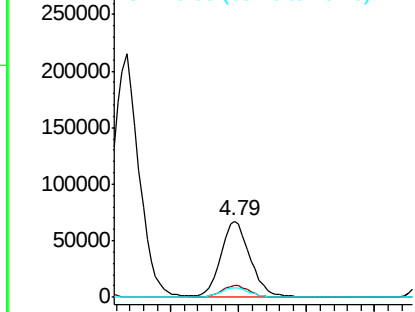
#37
Ethyl Acetate
Concen: 47.311 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Instrument :
MSVOA_X
ClientSampled :
MW-2MS

Tot Ion: 43 Resp: 200136
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 12.6 10.5 15.7

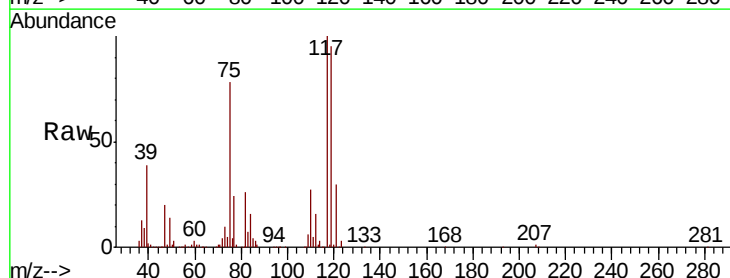


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

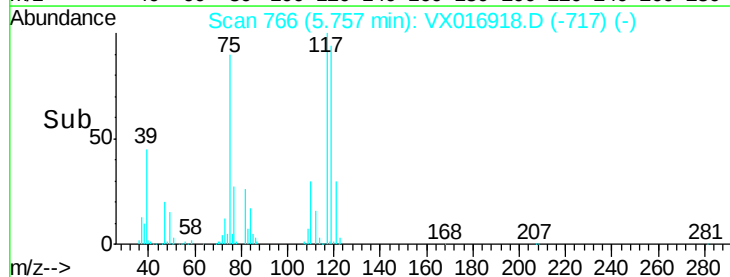
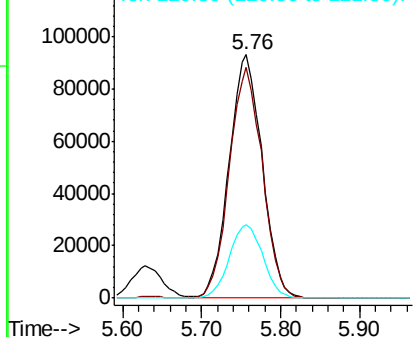


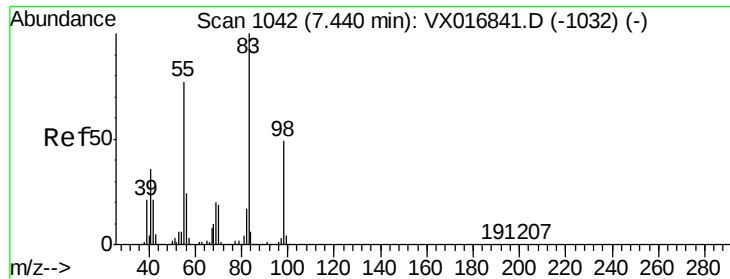
#38
Carbon Tetrachloride
Concen: 50.617 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 117 Resp: 271922
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2
121 30.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

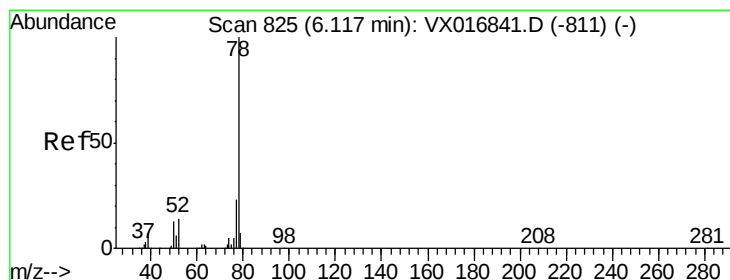
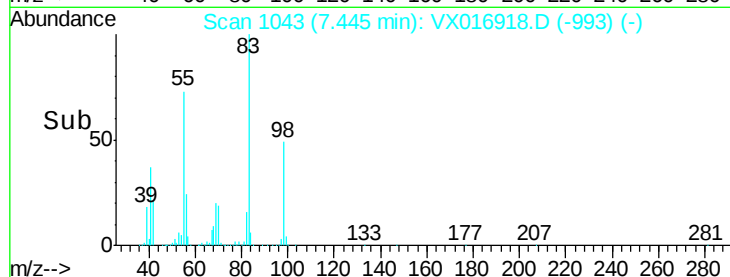
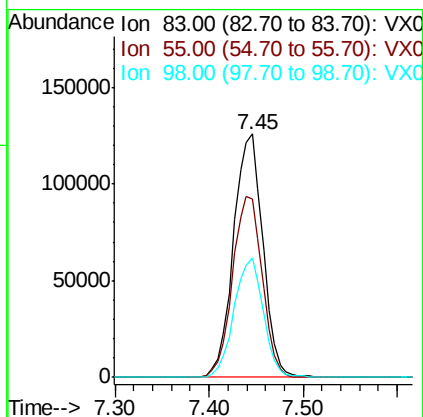
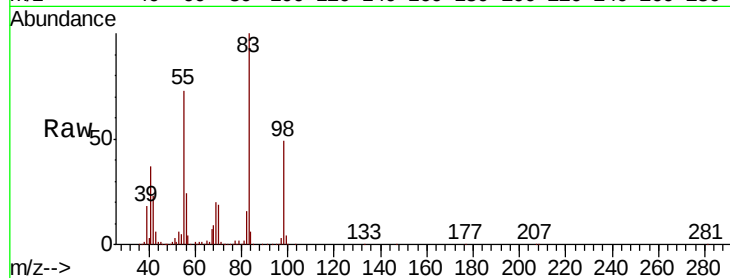




#39
Methvlcvclohexane
Concen: 49.041 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

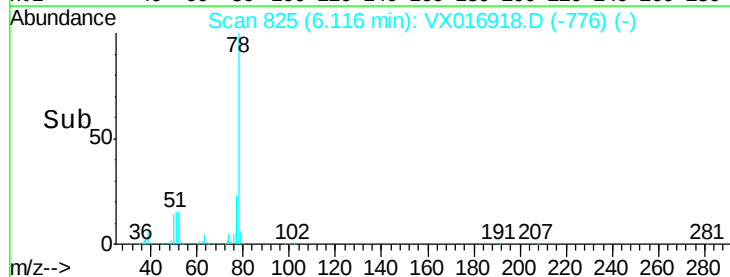
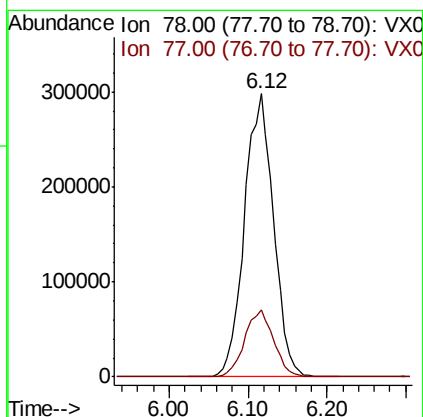
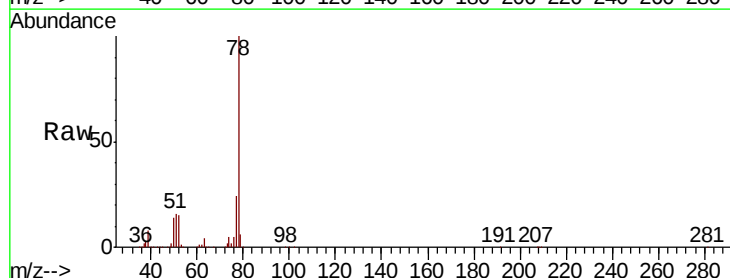
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

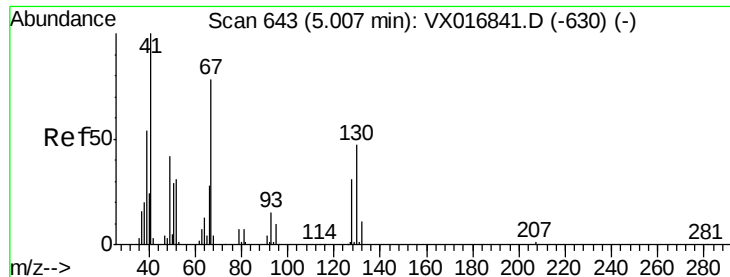
Tot Ion: 83 Resp: 273008
Ion Ratio Lower Upper
83 100
55 73.3 61.7 92.5
98 49.0 39.0 58.6



#40
Benzene
Concen: 53.066 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 78 Resp: 762352
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

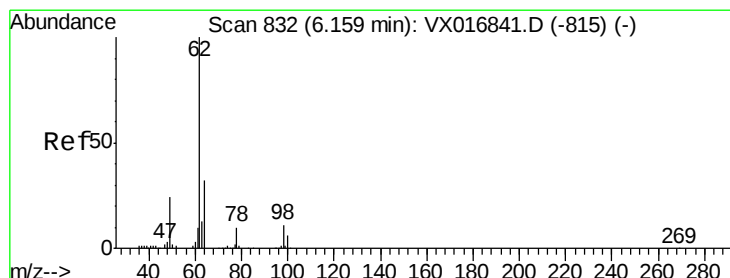
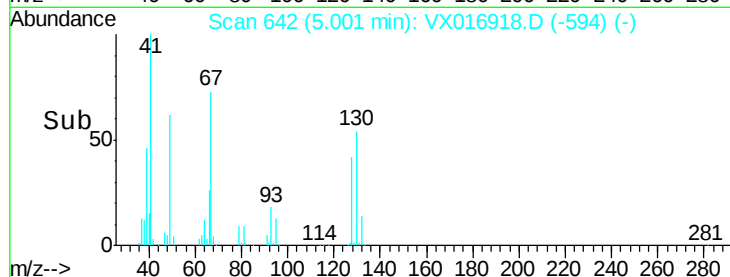
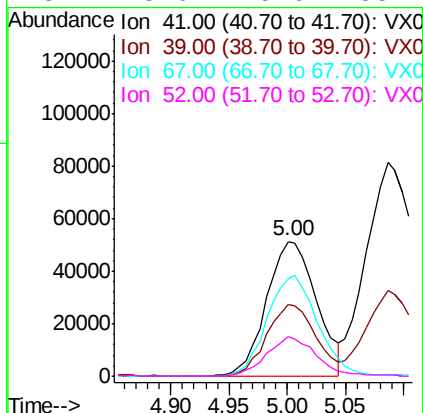
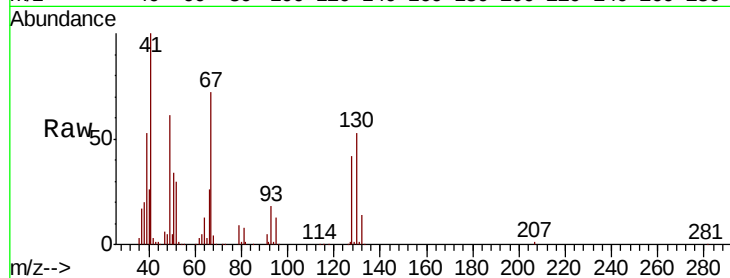




#41
Methacrylonitrile
Concen: 66.354 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

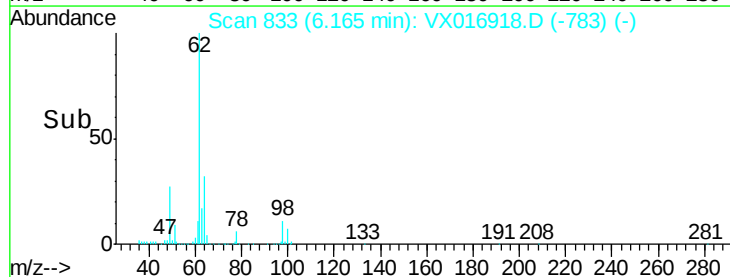
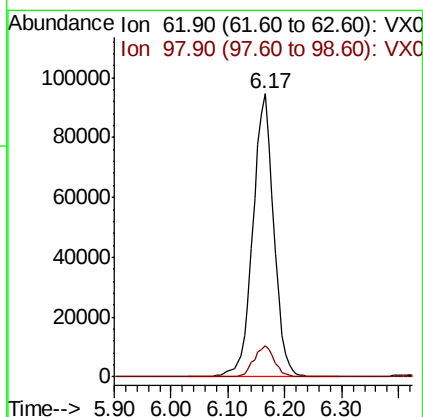
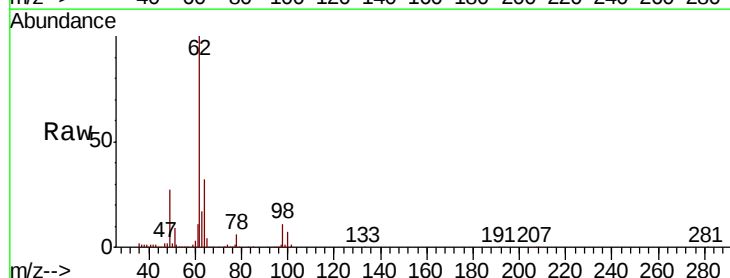
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

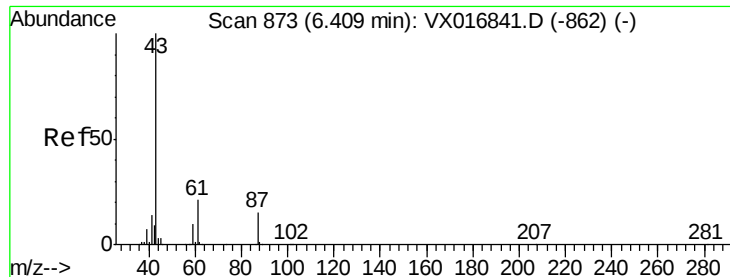
Tot Ion:	41	Resp:	152386
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.6	64.0
67	76.3	64.2	96.2
52	28.6	25.6	38.4



#42
1,2-Dichloroethane
Concen: 47.095 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion:	62	Resp:	240754
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



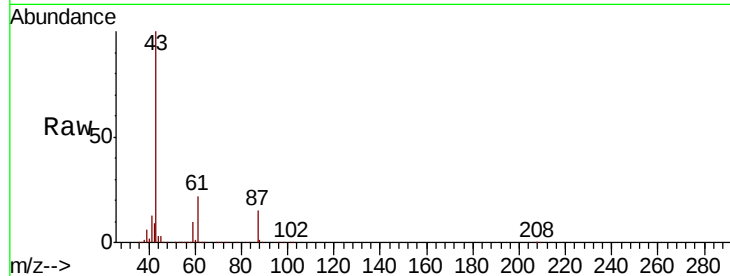


#43

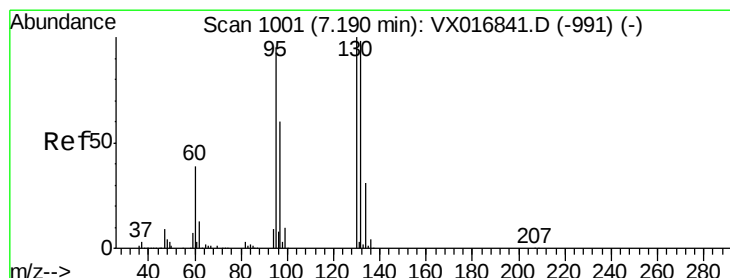
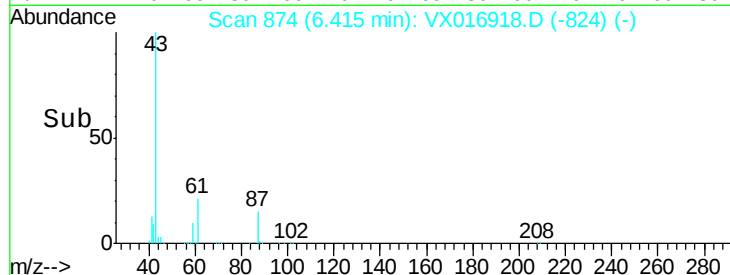
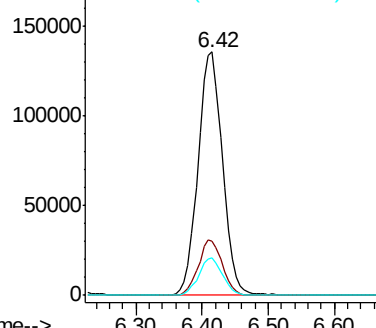
Isopropyl Acetate
 Concen: 46.717 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

Tot Ion: 43 Resp: 345110
 Ion Ratio Lower Upper
 43 100
 61 22.5 17.9 26.9
 87 15.2 12.4 18.6



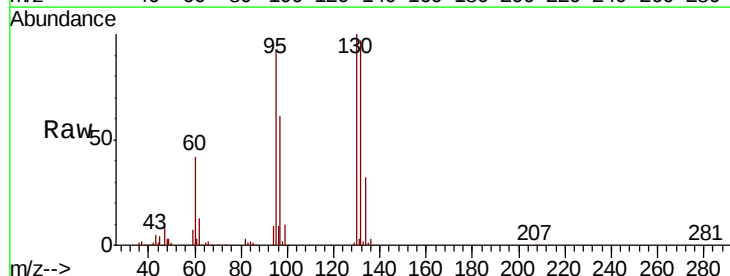
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



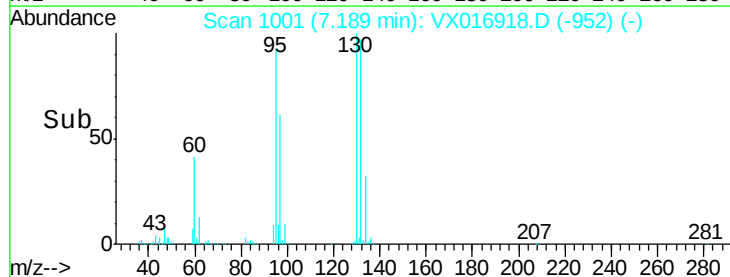
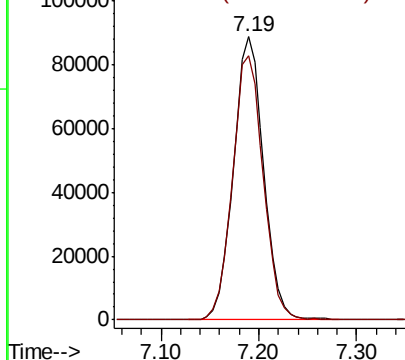
#44

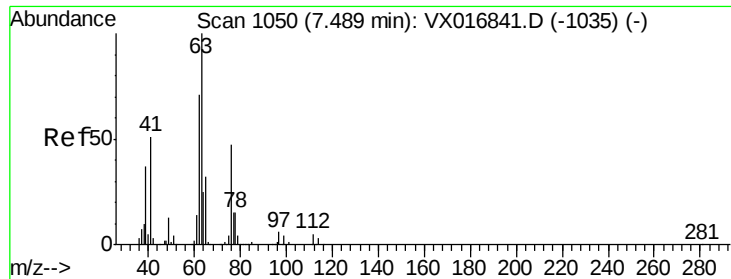
Trichloroethene
 Concen: 43.098 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion:130 Resp: 189615
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 190.8



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





#45

1,2-Dichloropropane

Concen: 56.658 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

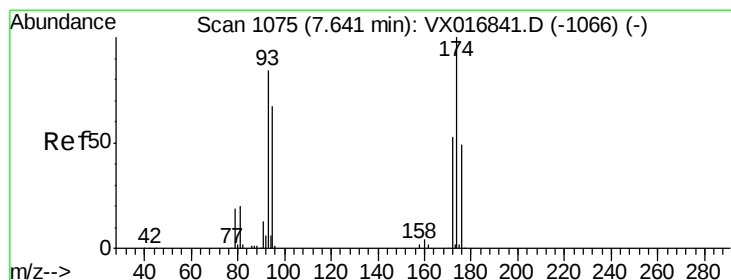
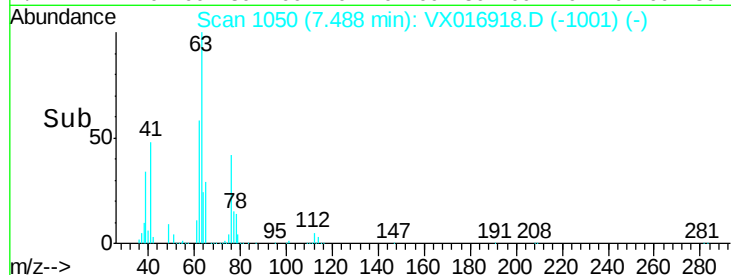
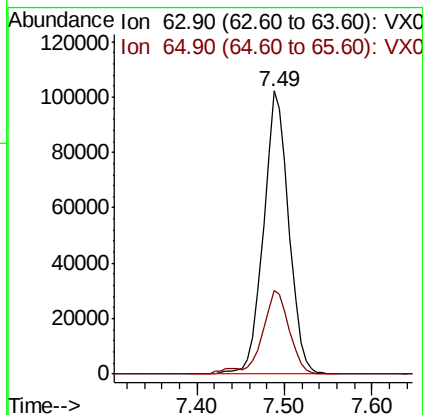
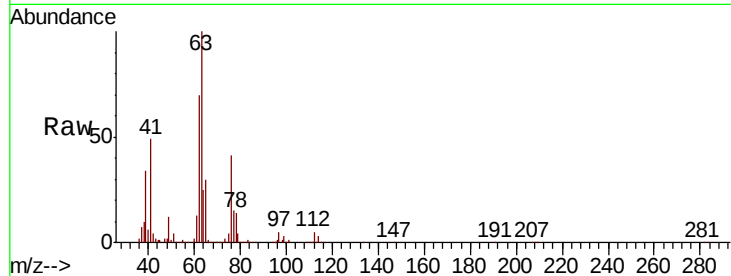
MW-2MS

Tot Ion: 63 Resp: 204619

Ion Ratio Lower Upper

63 100

65 29.7 25.8 38.8



#46

Dibromomethane

Concen: 54.612 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

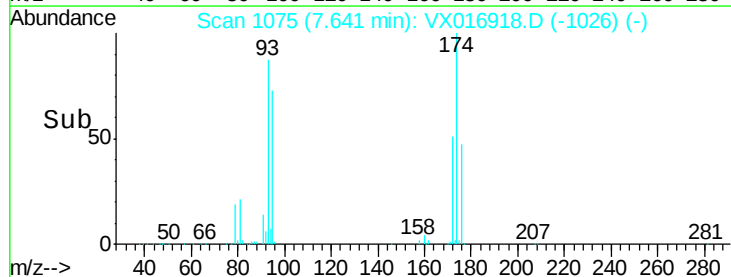
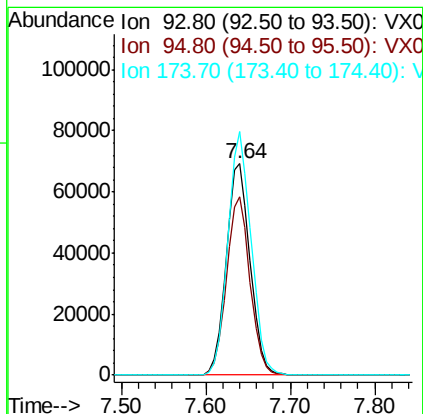
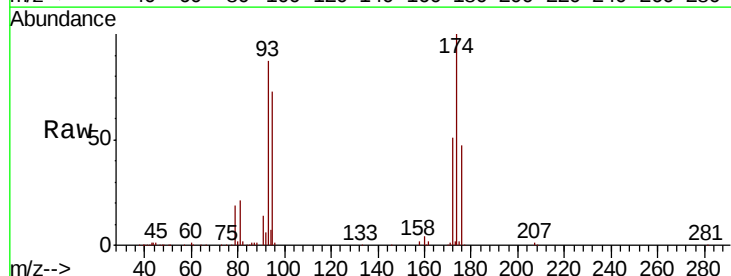
Tgt Ion: 93 Resp: 133753

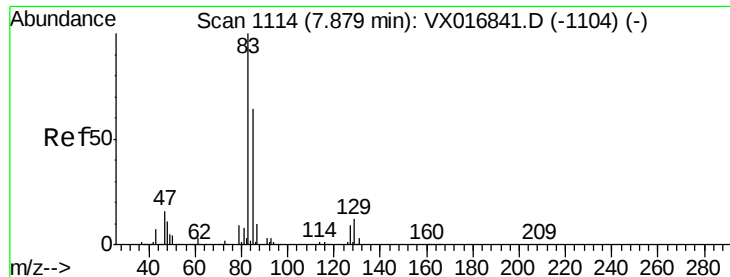
Ion Ratio Lower Upper

93 100

95 83.1 65.7 98.5

174 112.4 92.8 139.2





#47

Bromodichloromethane

Concen: 53.009 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

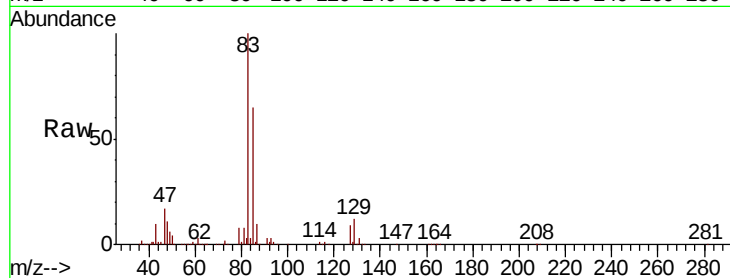
Tot Ion: 83 Resp: 276118

Ion Ratio Lower Upper

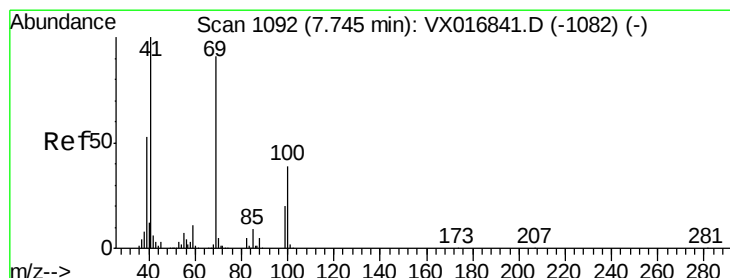
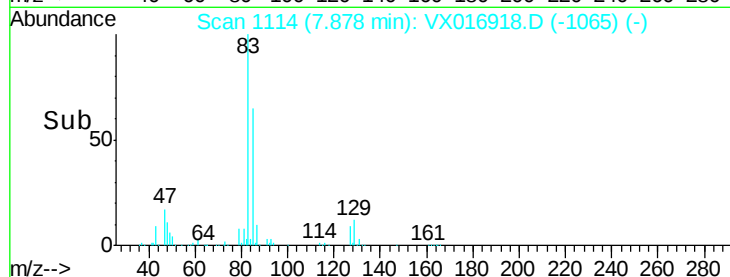
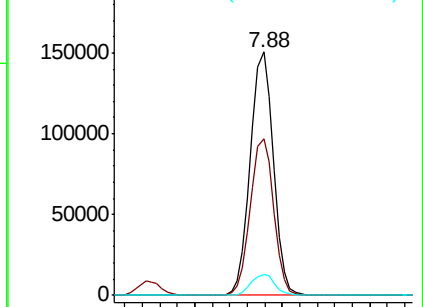
83 100

85 64.5 50.9 76.3

127 8.8 7.4 11.0



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: 63.085 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

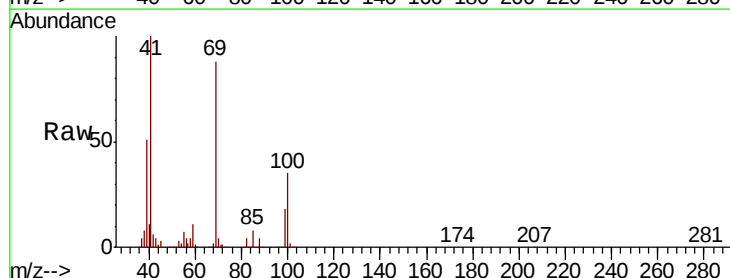
Tgt Ion: 41 Resp: 219446

Ion Ratio Lower Upper

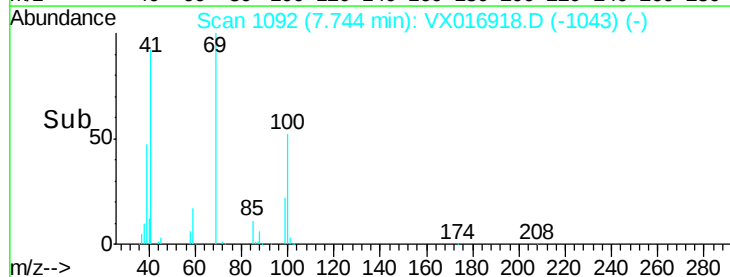
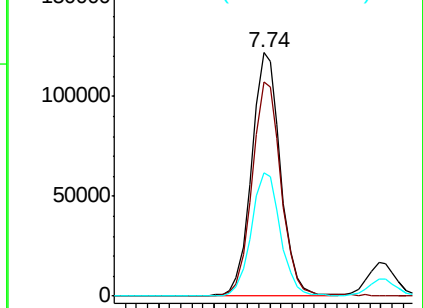
41 100

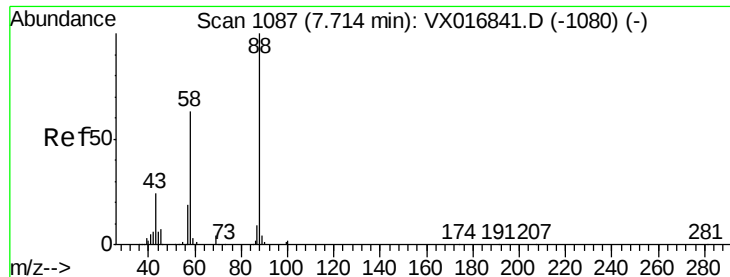
69 88.7 73.3 109.9

39 51.1 42.4 63.6



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: 1113.137 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

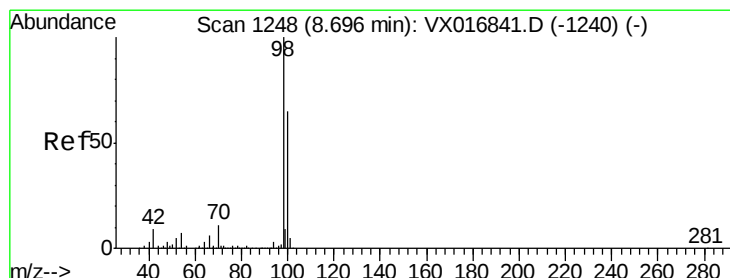
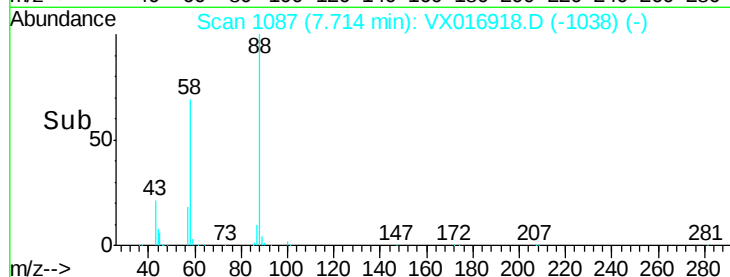
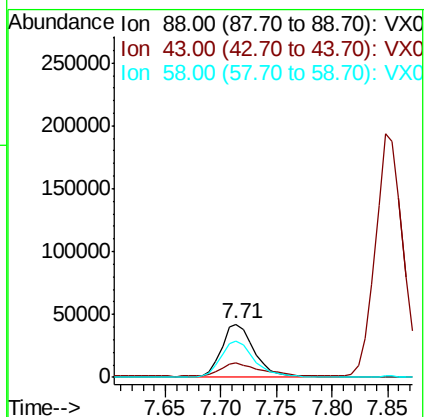
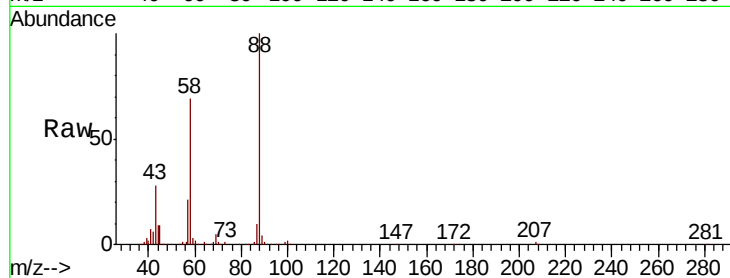
Tot Ion: 88 Resp: 86678

Ion Ratio Lower Upper

88 100

43 30.5 22.7 34.1

58 71.1 53.1 79.7



#50

Toluene-d8

Concen: 51.144 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016918.D

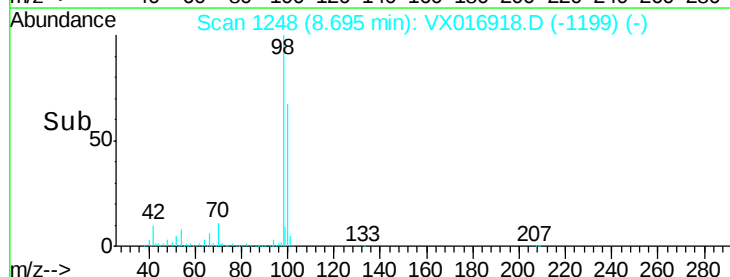
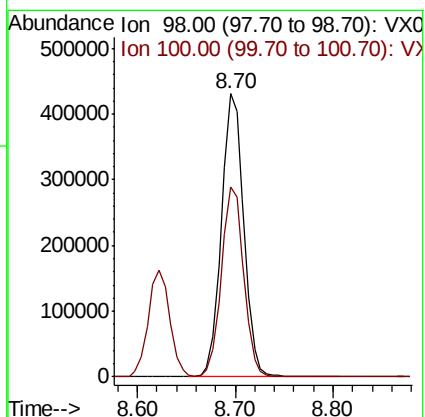
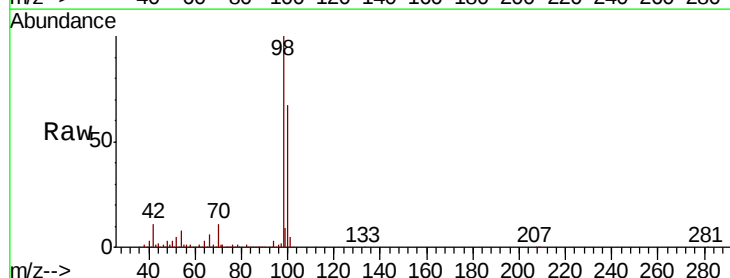
Acq: 20 Jun 2020 08:55

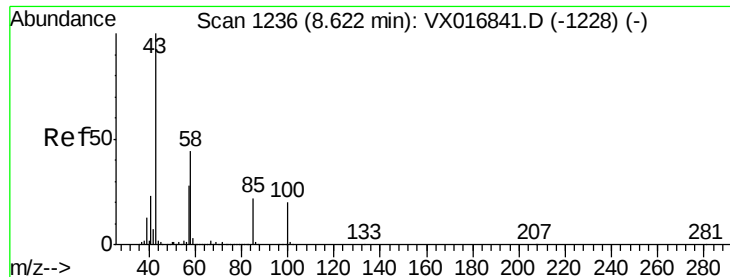
Tgt Ion: 98 Resp: 678737

Ion Ratio Lower Upper

98 100

100 67.4 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 315.139 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

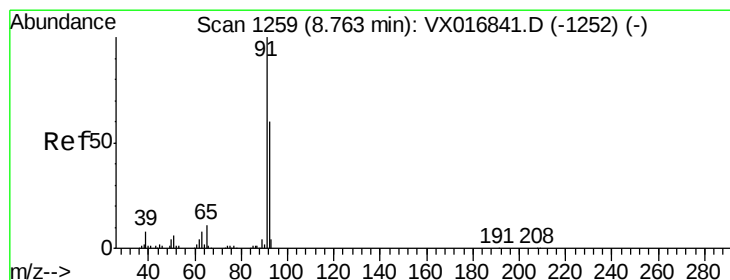
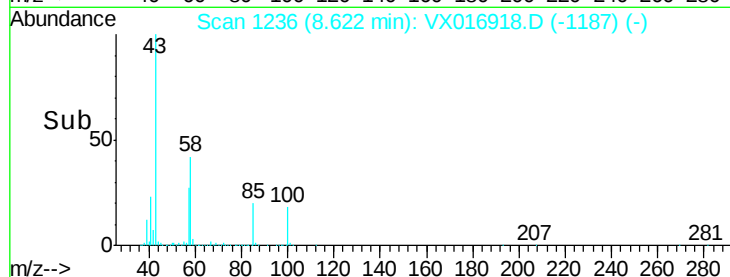
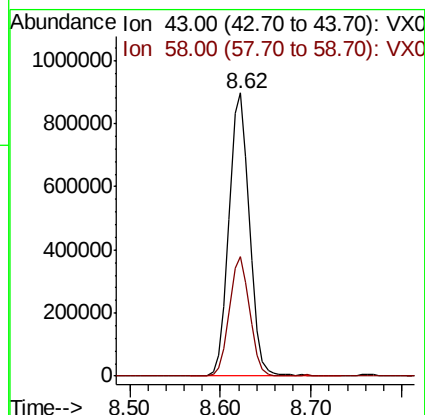
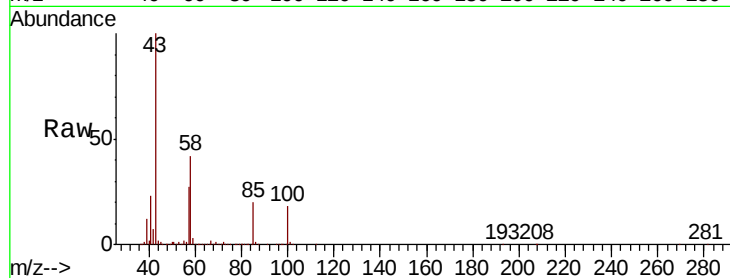
MW-2MS

Tot Ion: 43 Resp: 1400207

Ion Ratio Lower Upper

43 100

58 41.7 34.3 51.5



#52

Toluene

Concen: 51.941 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016918.D

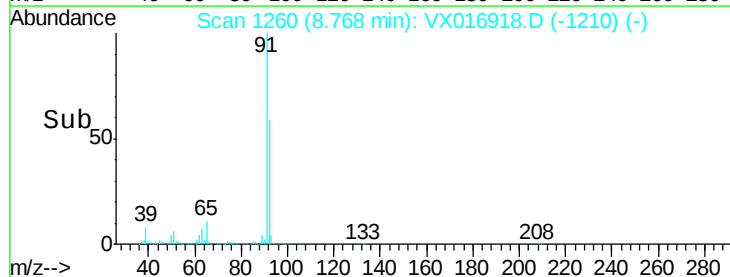
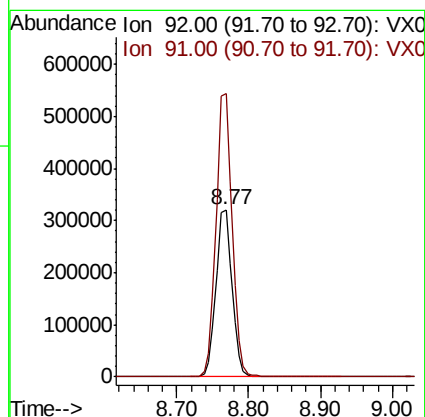
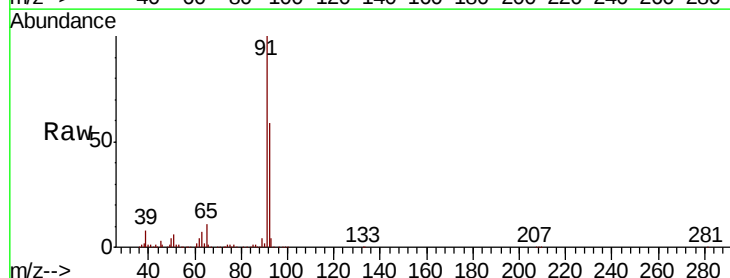
Acq: 20 Jun 2020 08:55

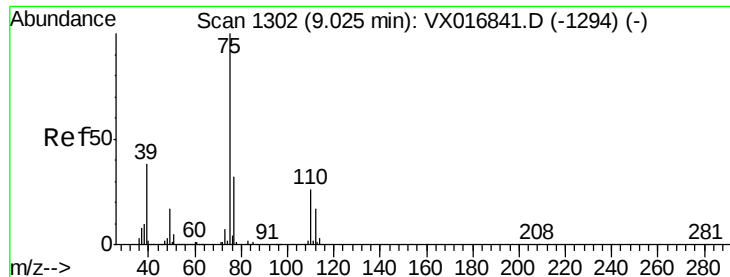
Tgt Ion: 92 Resp: 495011

Ion Ratio Lower Upper

92 100

91 169.8 134.2 201.2

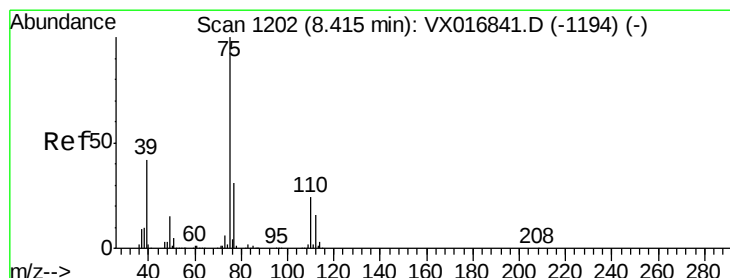
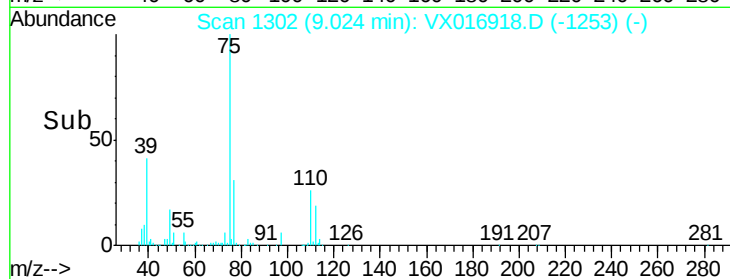
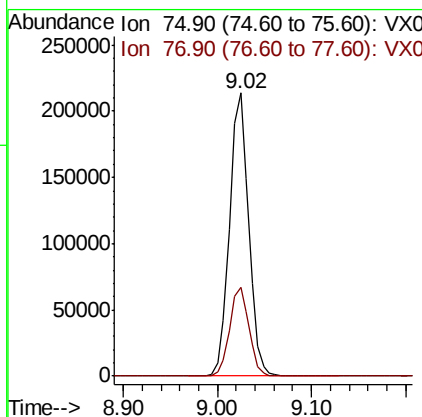
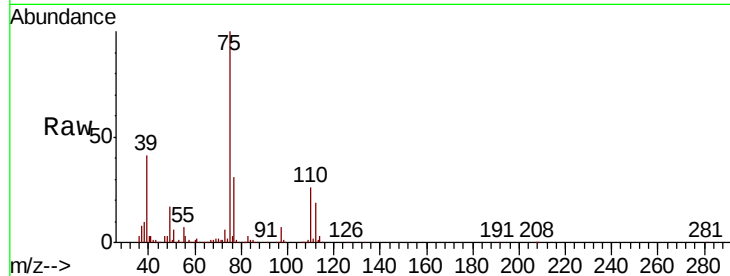




#53
 t-1,3-Dichloropropene
 Concen: 52.619 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

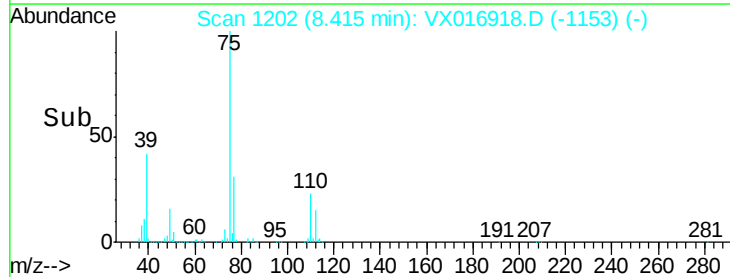
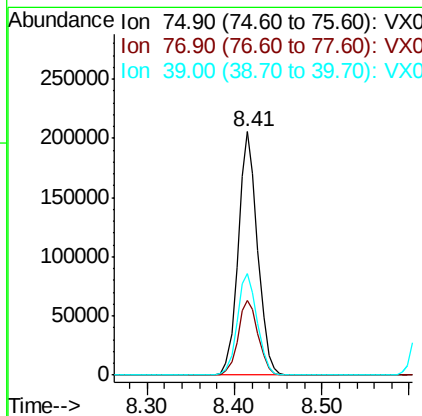
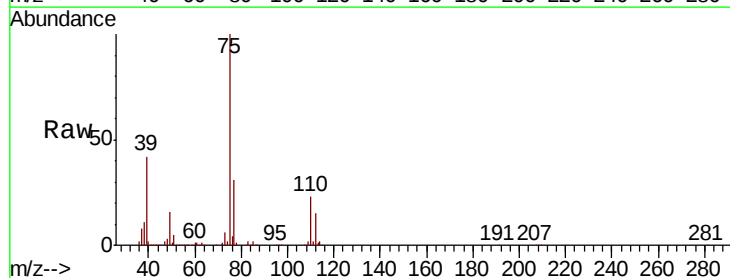
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

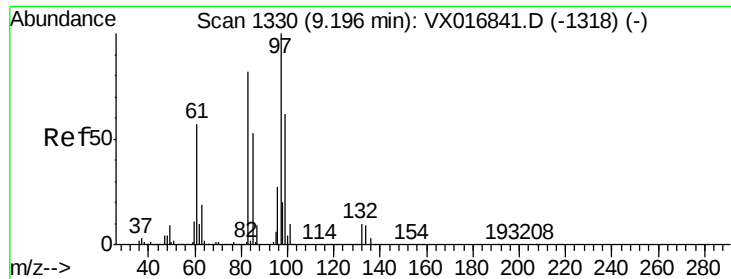
Tot Ion: 75 Resp: 301319
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.597 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion: 75 Resp: 316093
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 41.8 33.4 50.0

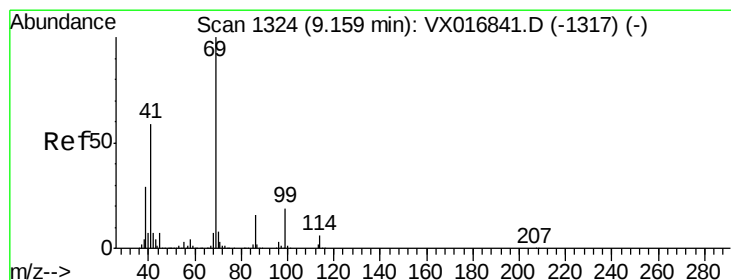
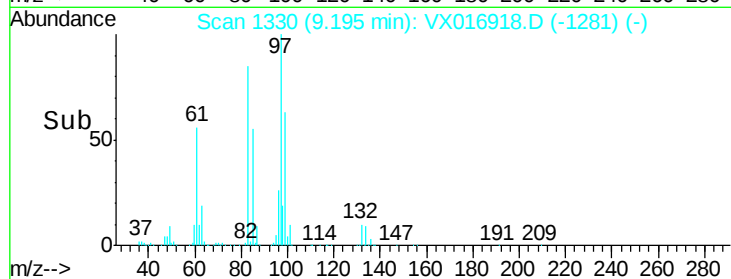
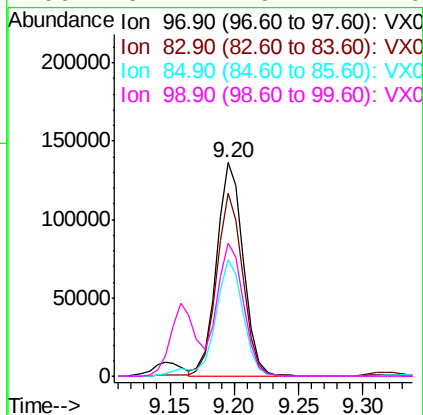
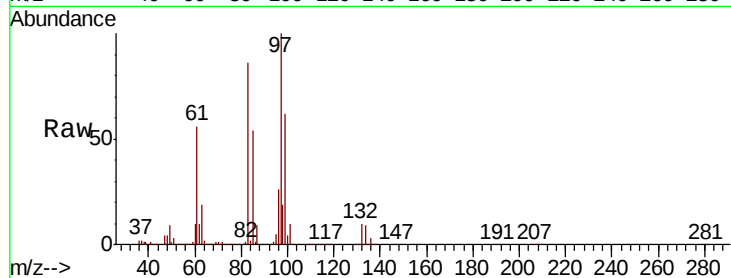




#55
 1,1,2-Trichloroethane
 Concen: 55.485 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

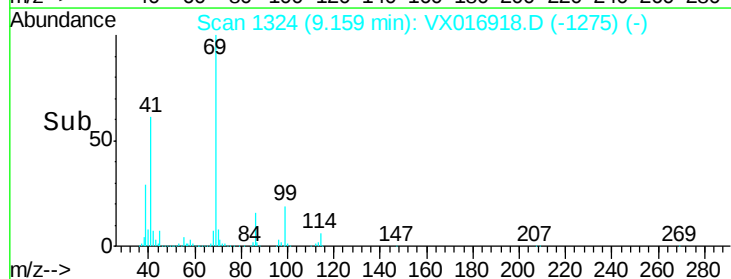
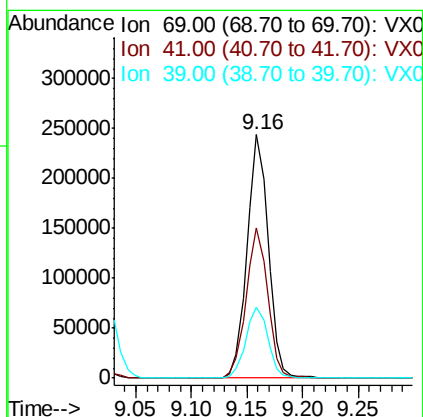
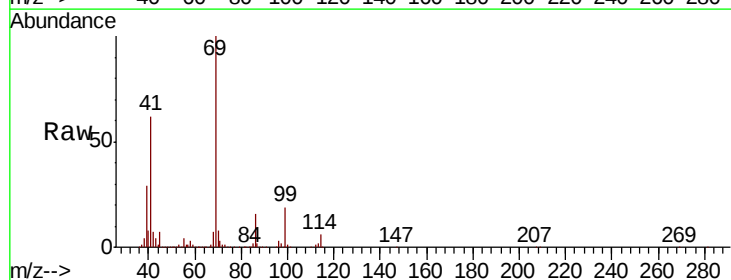
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

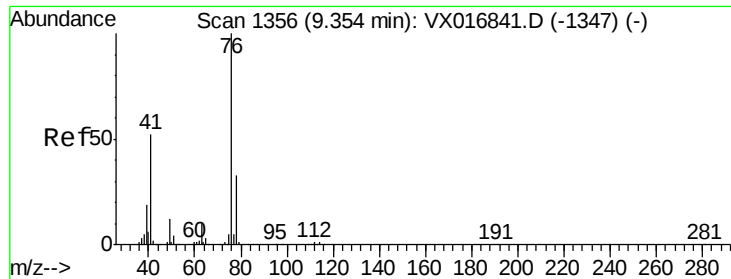
Tot Ion:	97	Resp:	199648
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.5	98.3
85	54.4	42.6	63.8
99	62.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 62.385 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion:	69	Resp:	324970
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.9	71.9
39	30.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 55.565 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

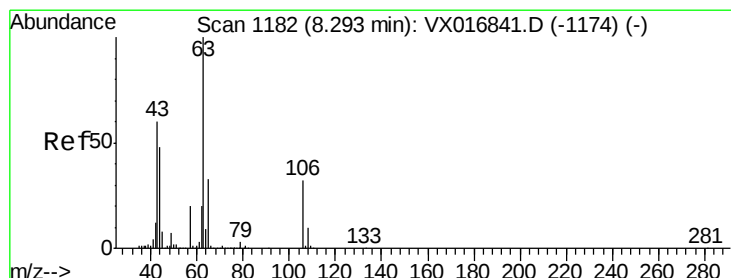
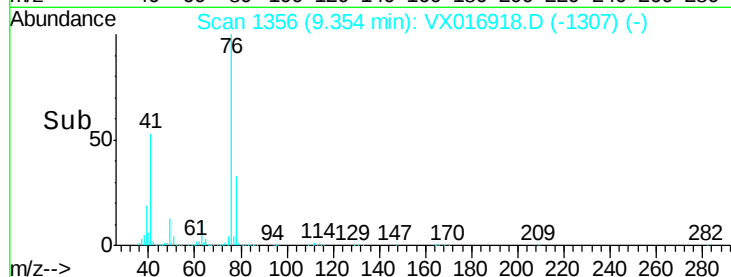
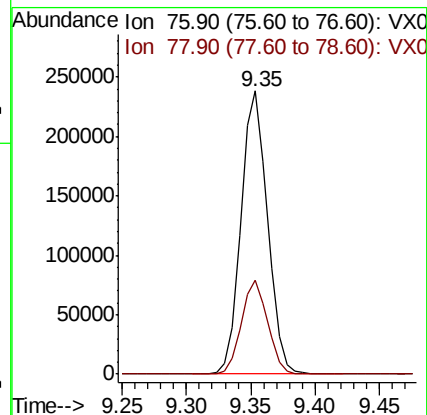
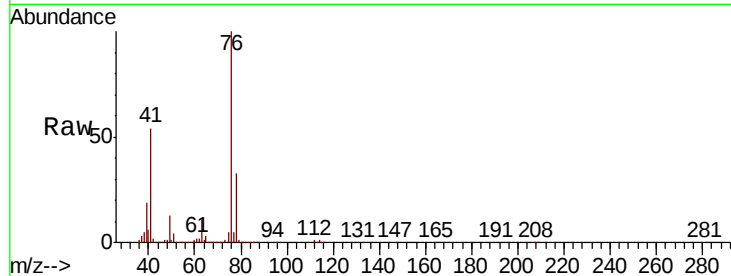
MW-2MS

Tot Ion: 76 Resp: 338941

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.225 ug/l

RT: 8.22 min Scan# 1170

Delta R.T. -0.07 min

Lab File: VX016918.D

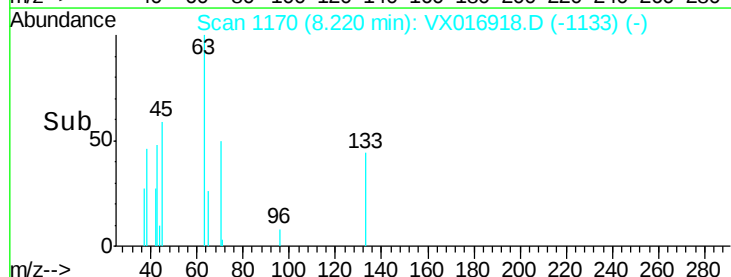
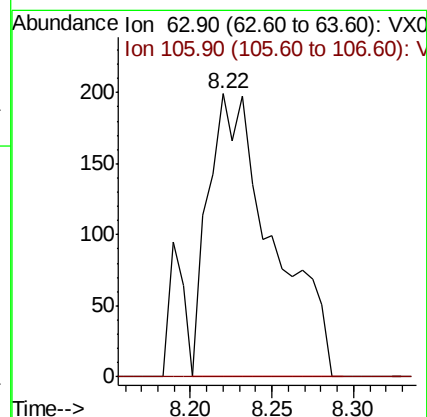
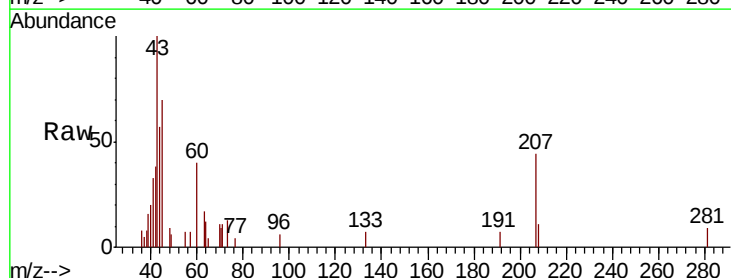
Acq: 20 Jun 2020 08:55

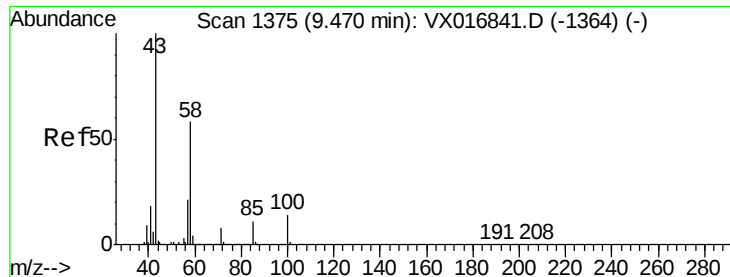
Tgt Ion: 63 Resp: 546

Ion Ratio Lower Upper

63 100

106 0.0 25.8 38.6#

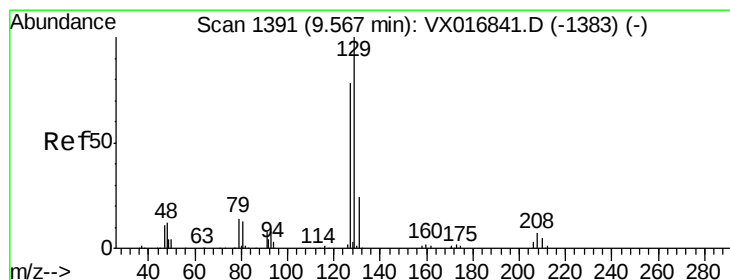
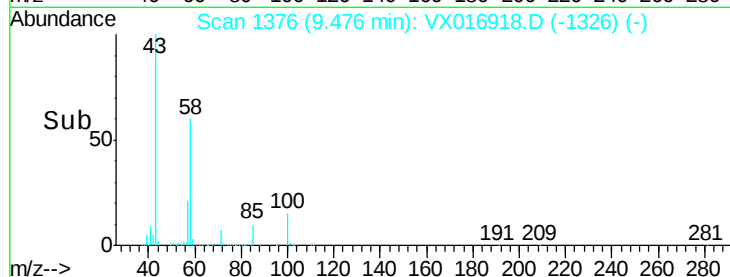
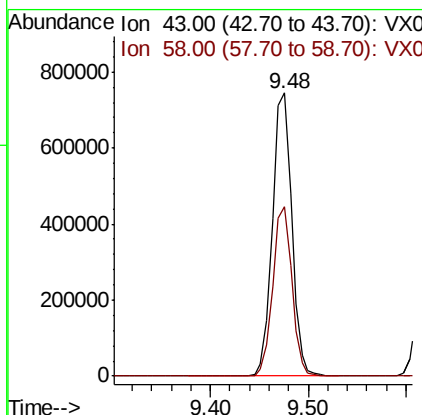
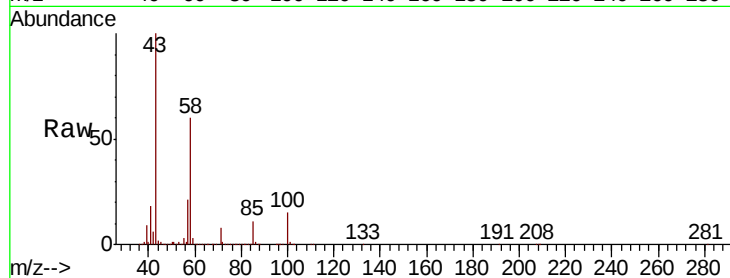




#59
2-Hexanone
Concen: 320.352 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

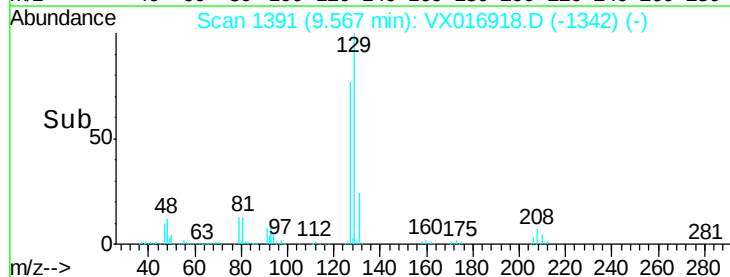
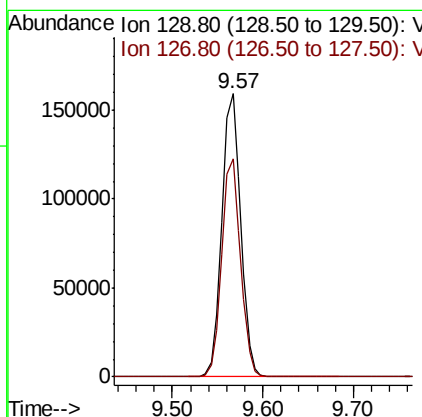
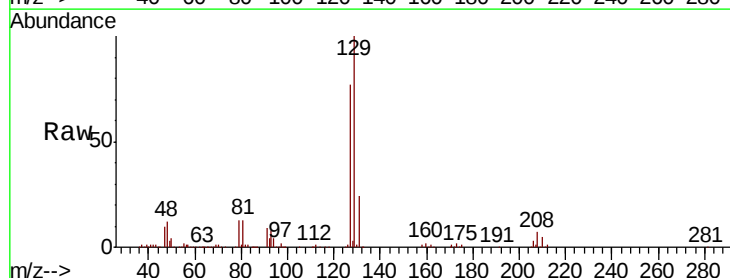
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

Tot Ion: 43 Resp: 1030757
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 53.530 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 129 Resp: 231067
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.905 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

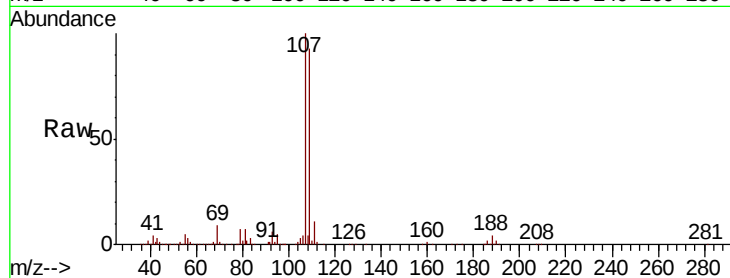
MW-2MS

Tot Ion:107 Resp: 214401

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

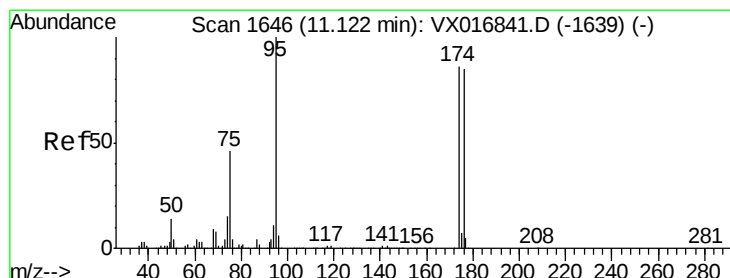
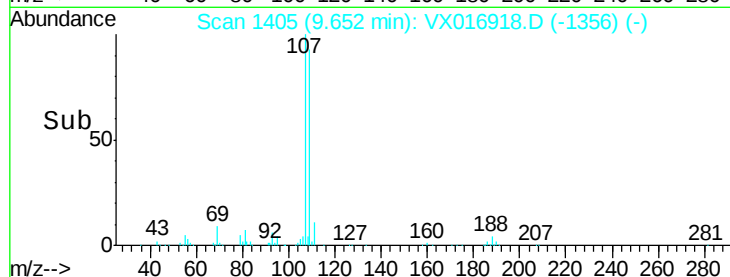
50000

0

9.65

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.299 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

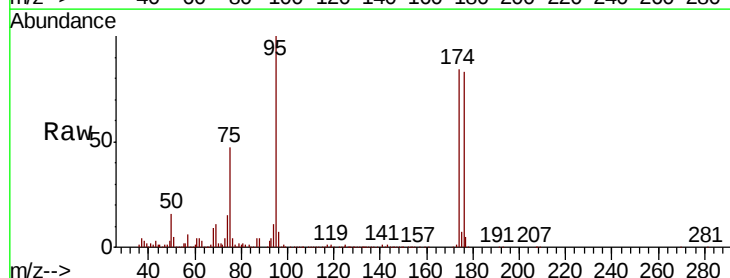
Tgt Ion: 95 Resp: 265927

Ion Ratio Lower Upper

95 100

174 82.5 0.0 174.2

176 81.6 0.0 170.0



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

300000

250000

200000

150000

100000

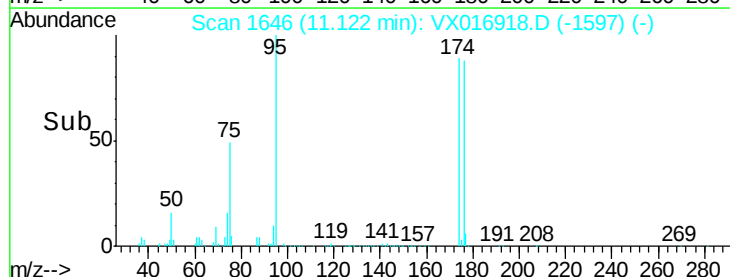
50000

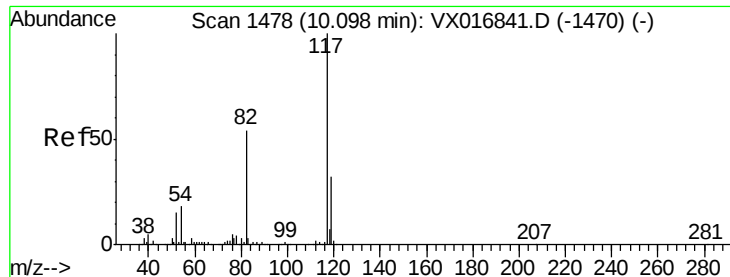
0

11.12

11.05 11.10 11.15

Time-->

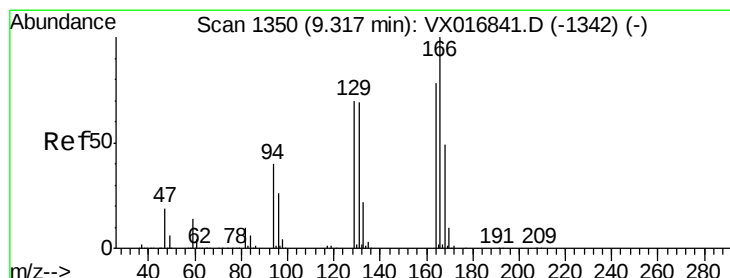
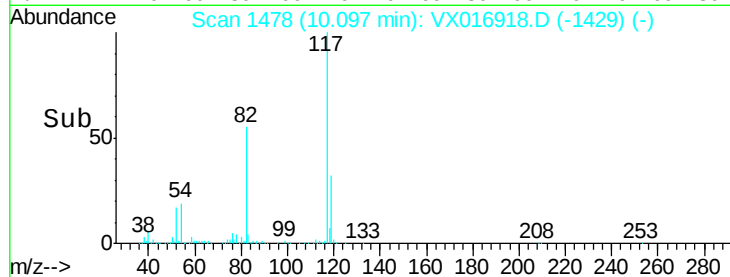
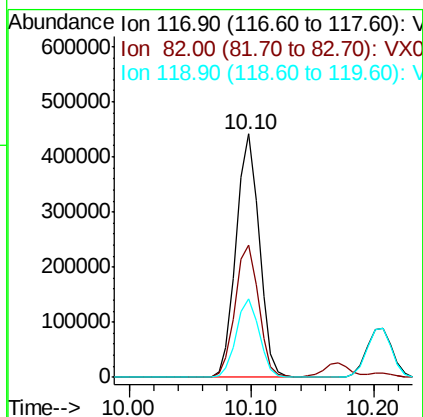
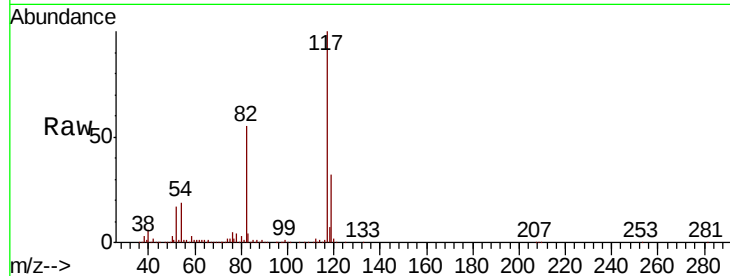




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

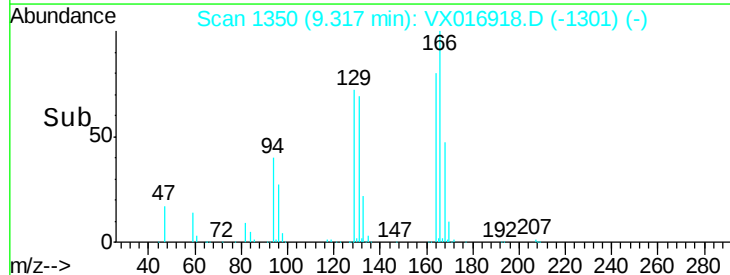
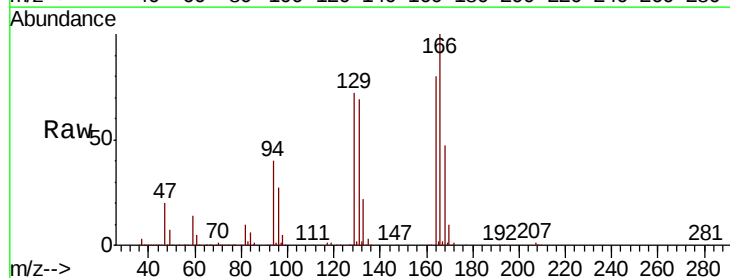
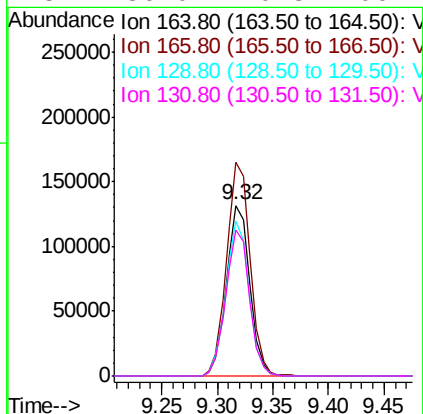
Instrument :
MSVOA_X
ClientSampled :
MW-2MS

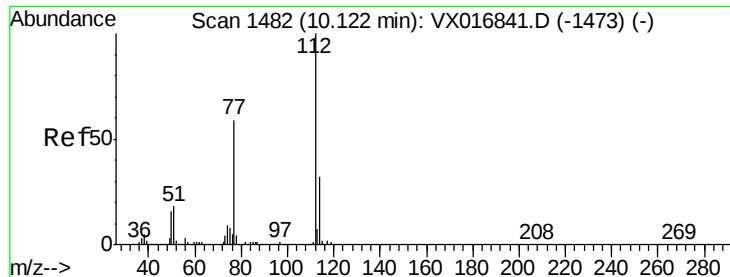
Tot Ion:117 Resp: 576847
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 35.776 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion:164 Resp: 191101
Ion Ratio Lower Upper
164 100
166 125.5 102.6 153.8
129 90.8 72.2 108.2
131 86.0 70.8 106.2





#65

Chlorobenzene

Concen: 47.039 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

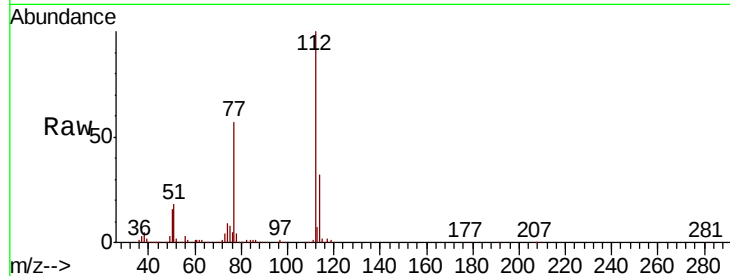
MW-2MS

Tot Ion:112 Resp: 549471

Ion Ratio Lower Upper

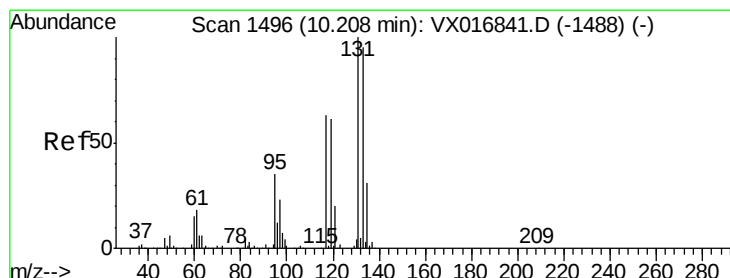
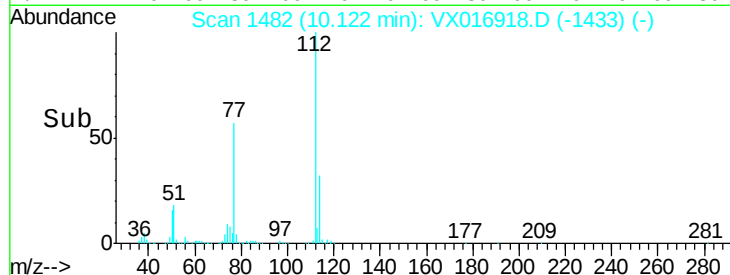
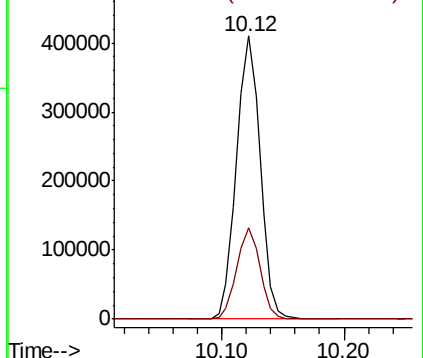
112 100

114 32.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 43.601 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

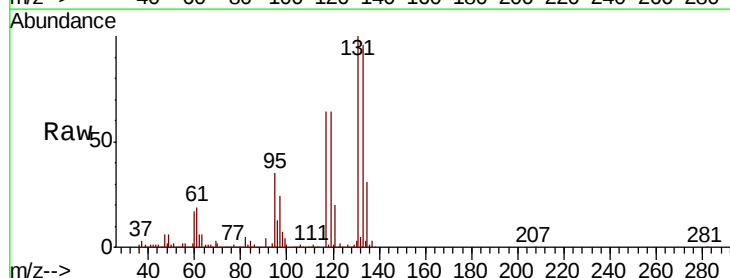
Tgt Ion:131 Resp: 197388

Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

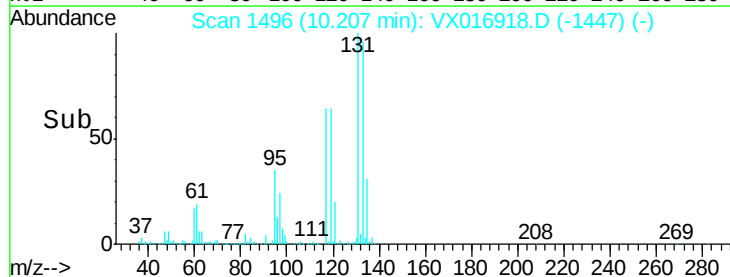
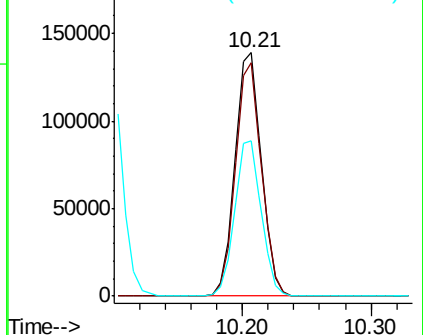
119 64.0 30.8 92.4

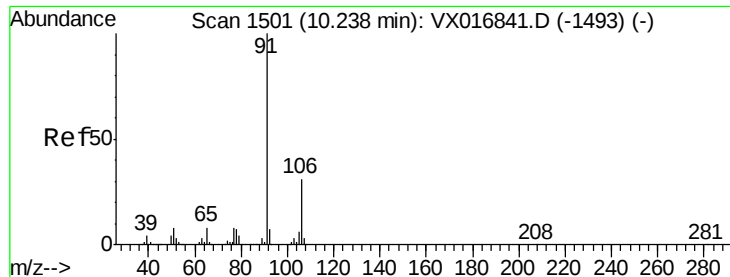


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 107.387 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampled :

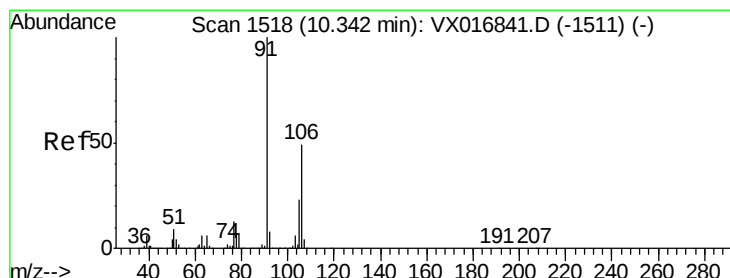
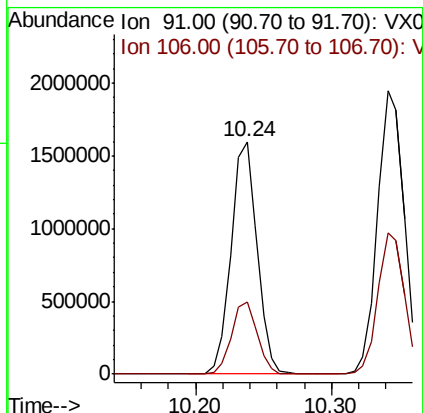
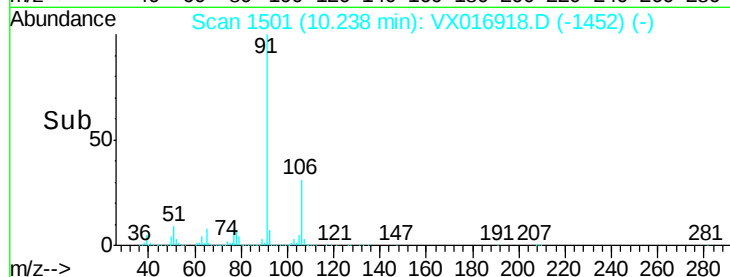
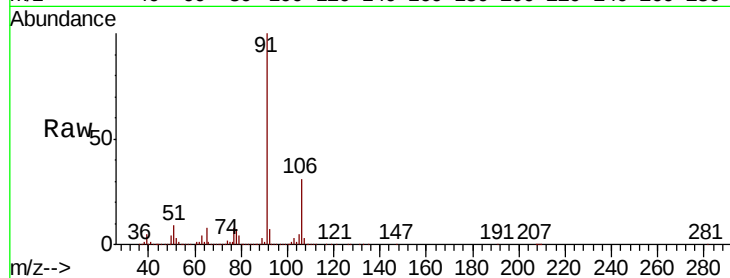
MW-2MS

Tot Ion: 91 Resp: 2116453

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 171.766 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016918.D

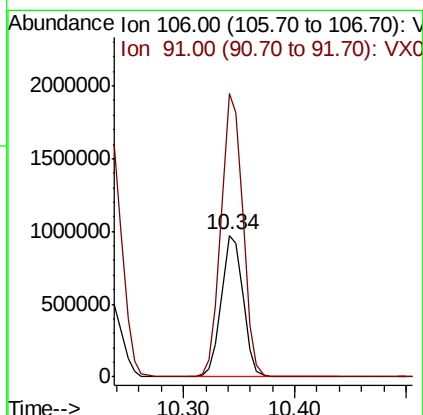
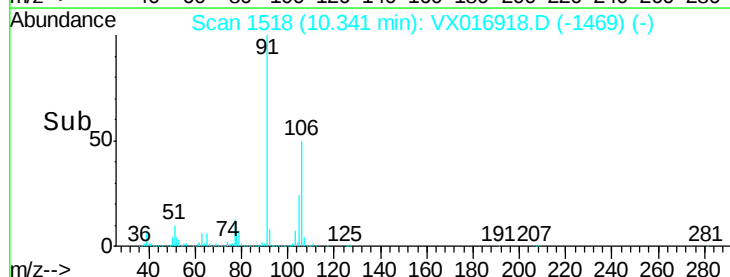
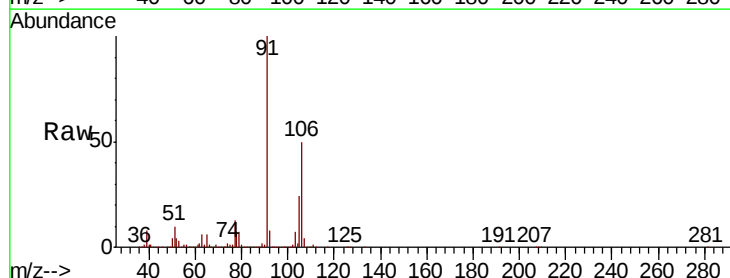
Acq: 20 Jun 2020 08:55

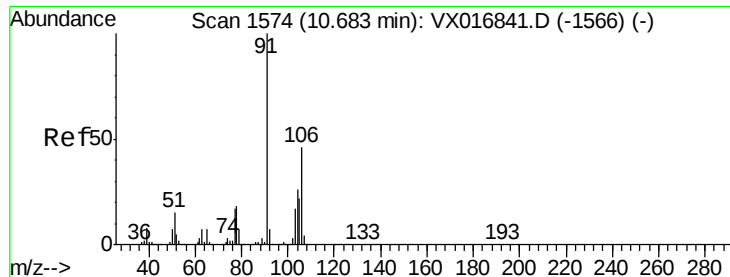
Tgt Ion: 106 Resp: 1317322

Ion Ratio Lower Upper

106 100

91 200.1 161.5 242.3

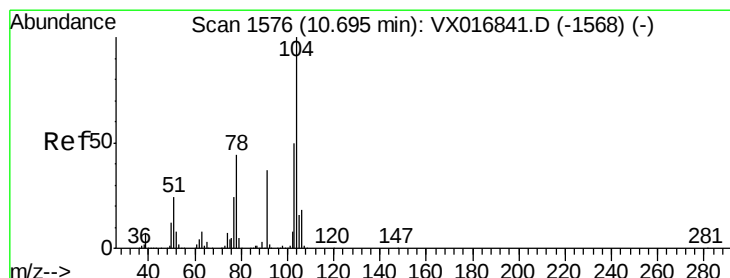
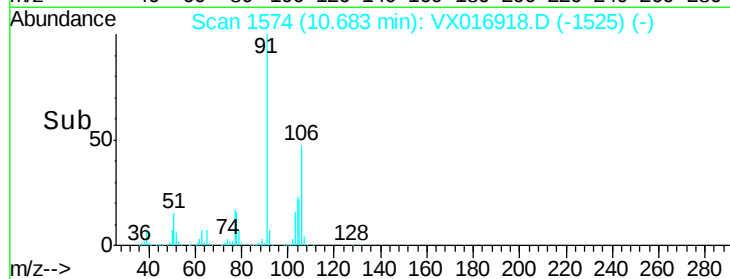
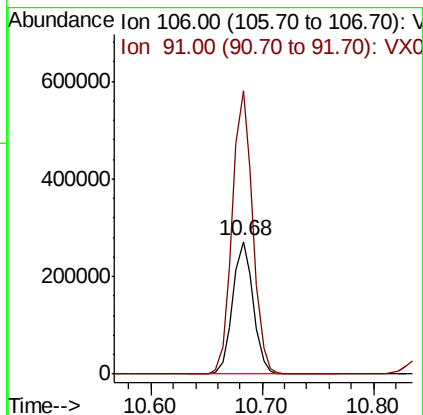
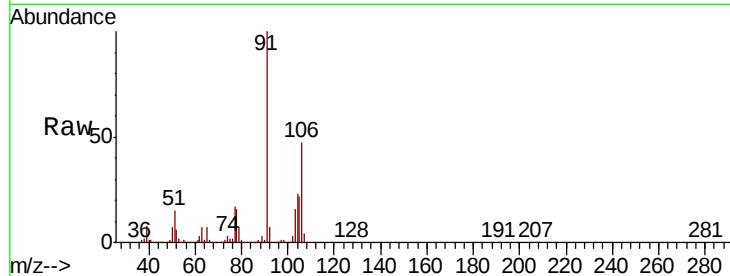




#69
o-Xylene
Concen: 48.856 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

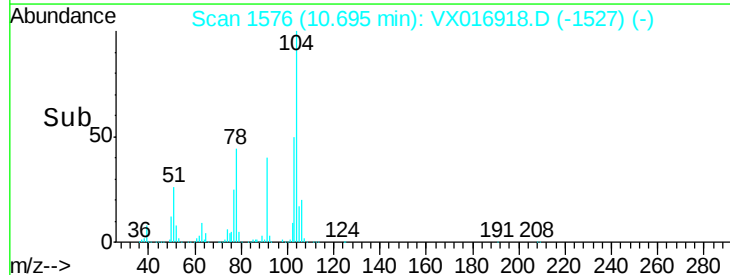
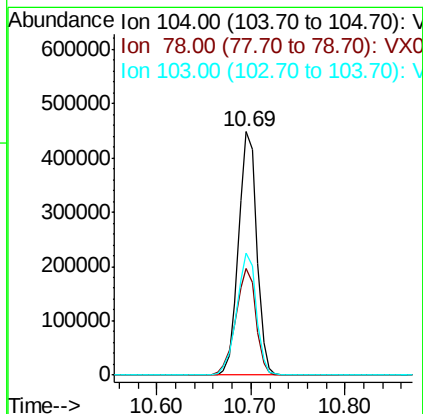
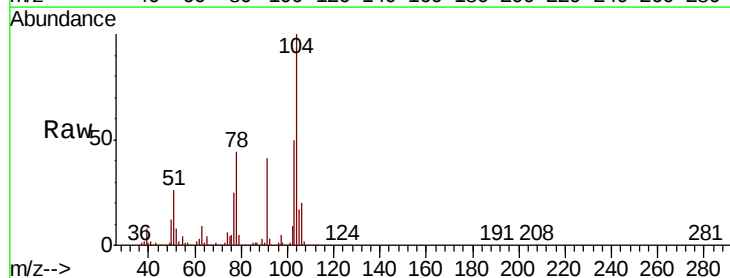
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

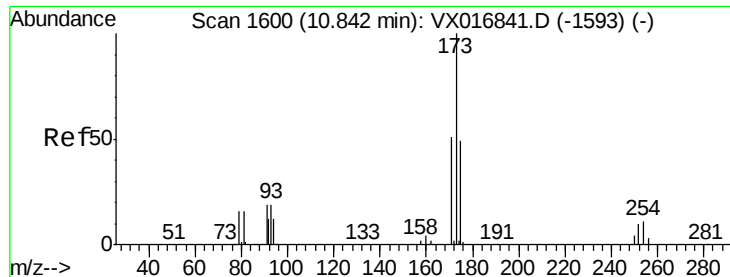
Tot Ion:106 Resp: 346460
Ion Ratio Lower Upper
106 100
91 212.9 107.9 323.7



#70
Styrene
Concen: 50.279 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion:104 Resp: 605818
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 53.7 43.3 64.9





#71

Bromoform

Concen: 47.447 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

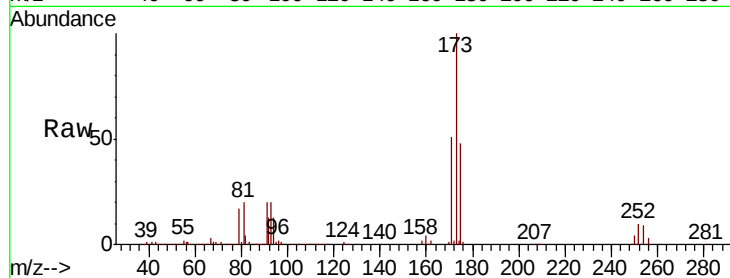
Tot Ion:173 Resp: 180593

Ion Ratio Lower Upper

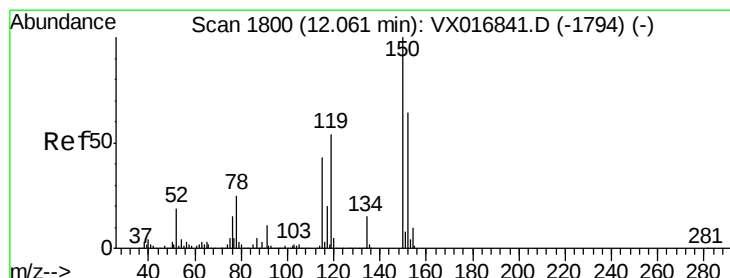
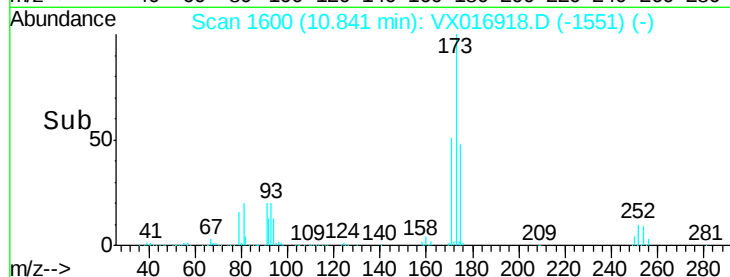
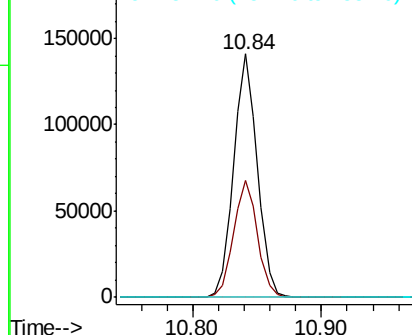
173 100

175 48.2 24.3 73.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

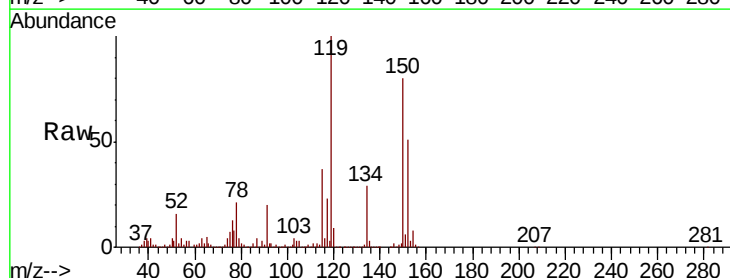
Tgt Ion:152 Resp: 259515

Ion Ratio Lower Upper

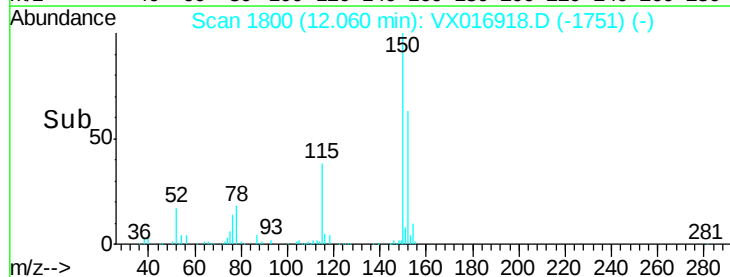
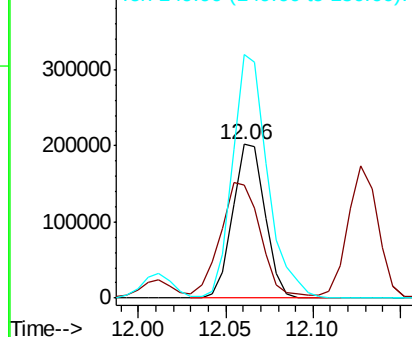
152 100

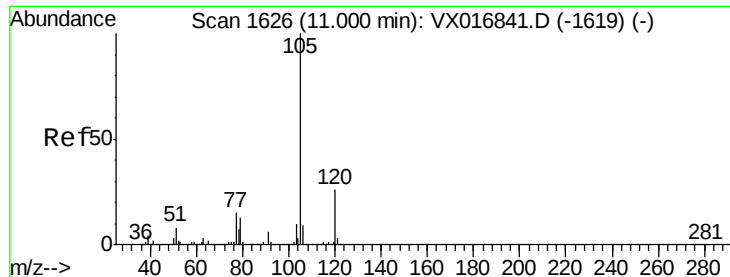
115 90.0 40.9 122.8

150 171.6 0.0 344.2



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





#73

Isopropylbenzene

Concen: 256.594 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

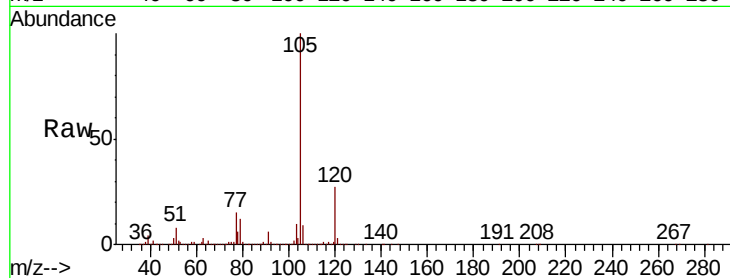
MW-2MS

Tot Ion:105 Resp: 4287419

Ion Ratio Lower Upper

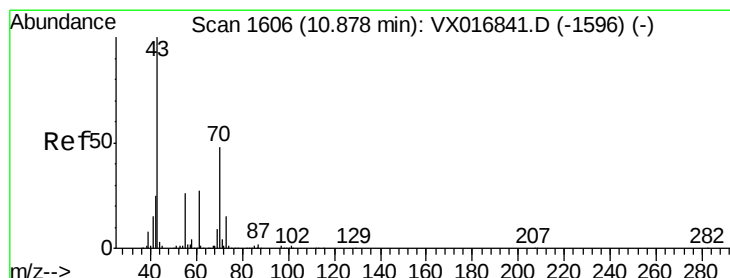
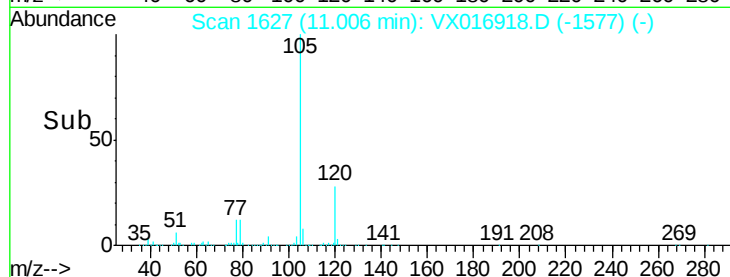
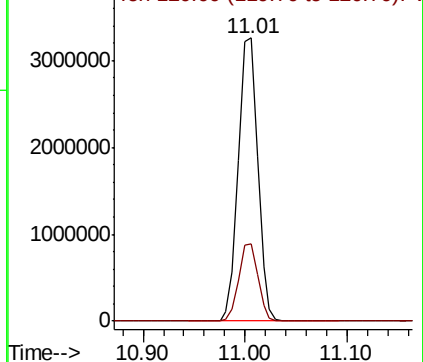
105 100

120 27.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 63.918 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Tgt Ion: 43 Resp: 372939

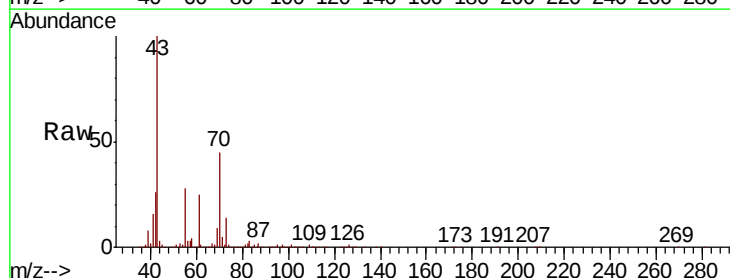
Ion Ratio Lower Upper

43 100

70 49.7 39.9 59.9

55 48.8 21.8 32.6#

61 25.1 22.2 33.4

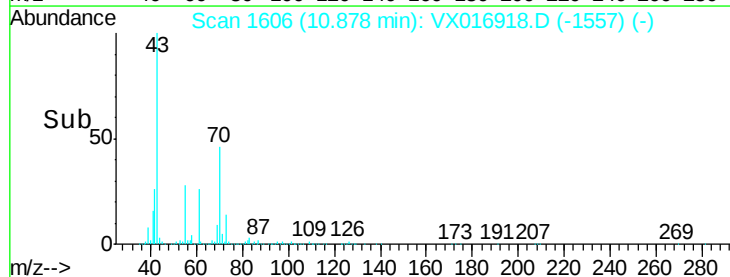
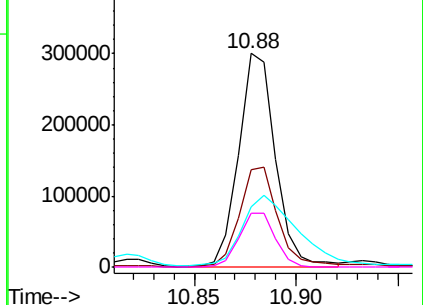


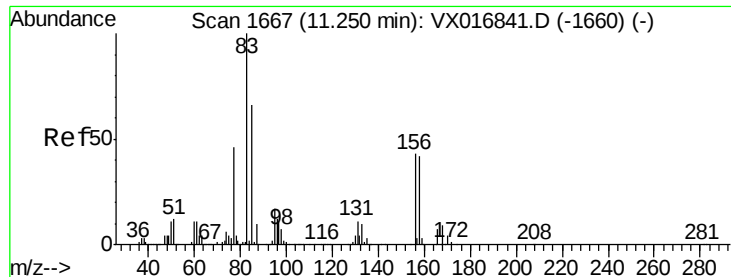
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 64.395 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

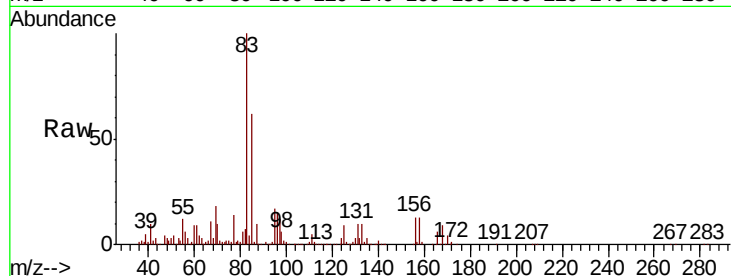
Tot Ion: 83 Resp: 303822

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.1

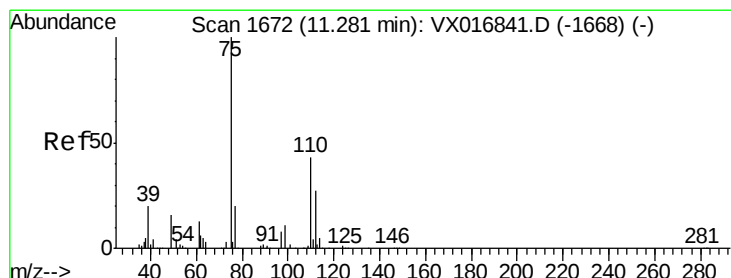
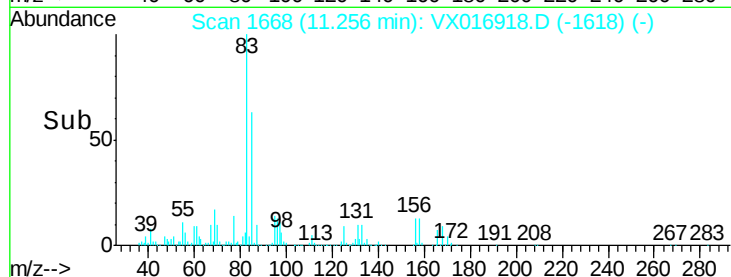
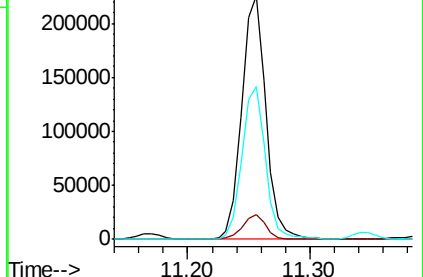
85 61.5 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.726 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016918.D

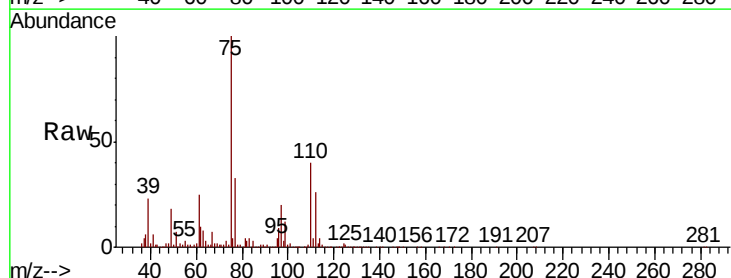
Acq: 20 Jun 2020 08:55

Tgt Ion: 75 Resp: 335215

Ion Ratio Lower Upper

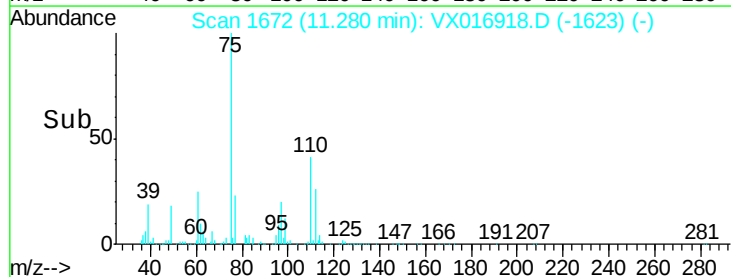
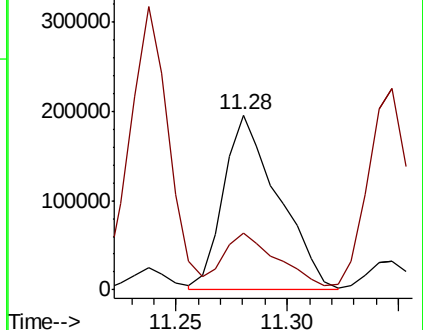
75 100

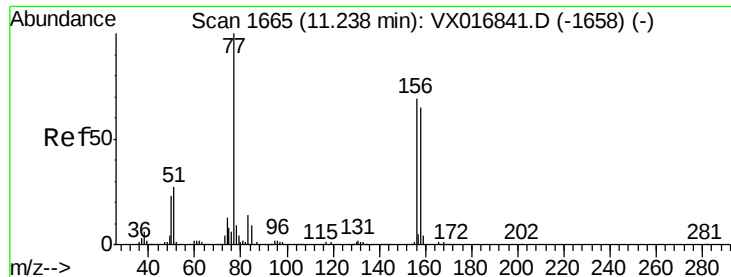
77 32.1 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.826 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

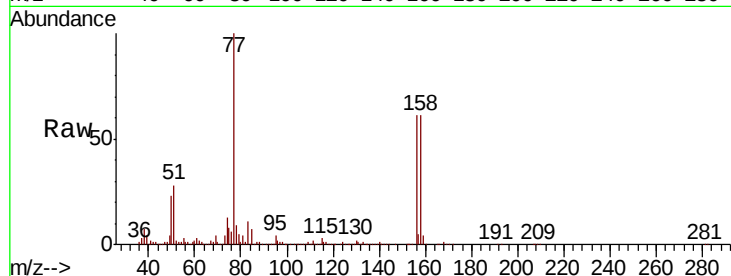
Tot Ion:156 Resp: 245280

Ion Ratio Lower Upper

156 100

77 156.6 73.4 220.2

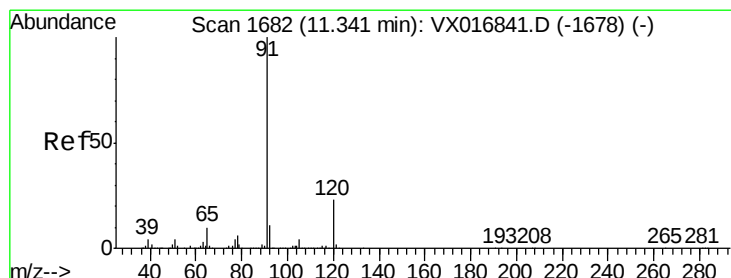
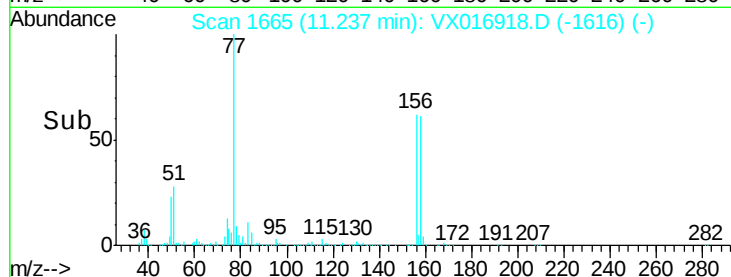
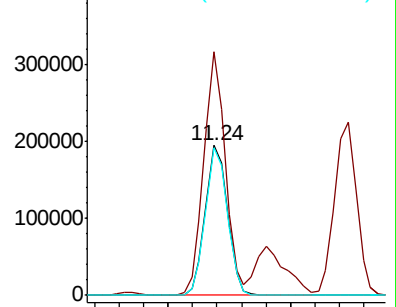
158 97.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 377.079 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016918.D

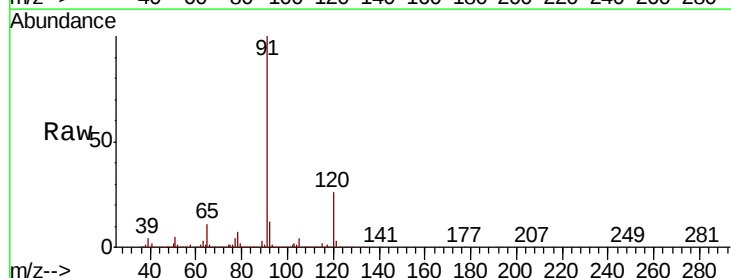
Acq: 20 Jun 2020 08:55

Tgt Ion: 91 Resp: 7031607

Ion Ratio Lower Upper

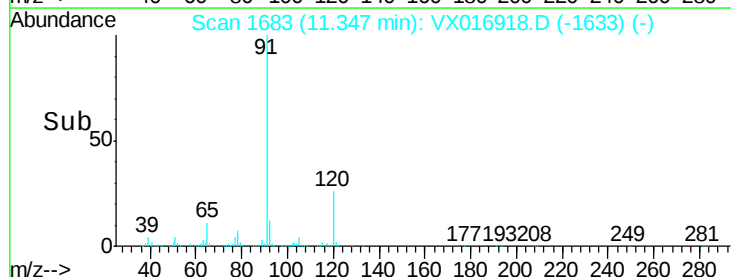
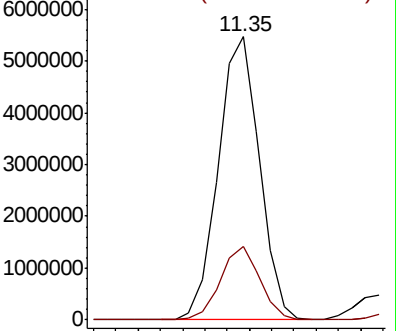
91 100

120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

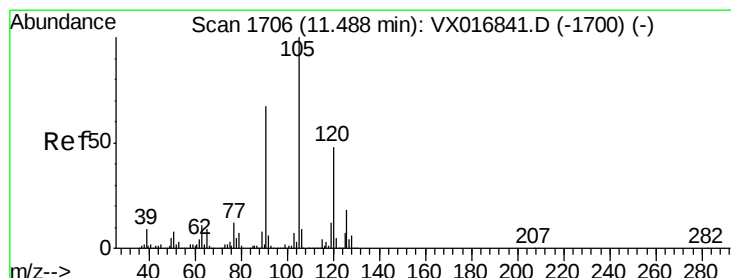
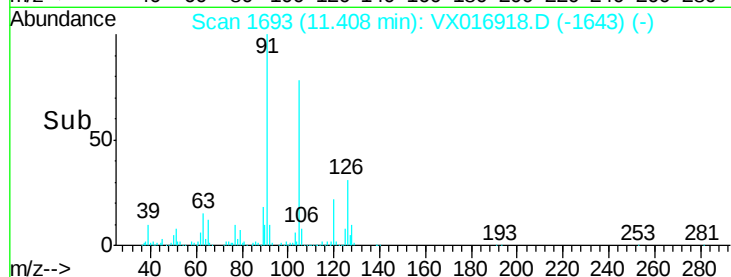
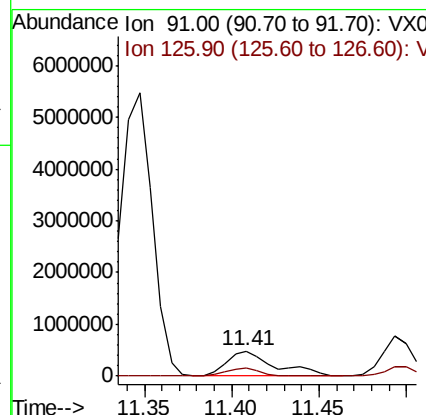
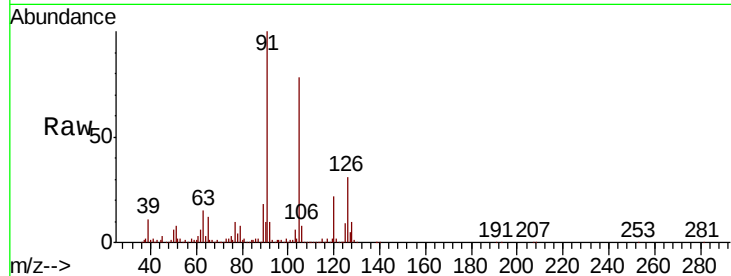




#79
 2-Chlorotoluene
 Concen: 80.387 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

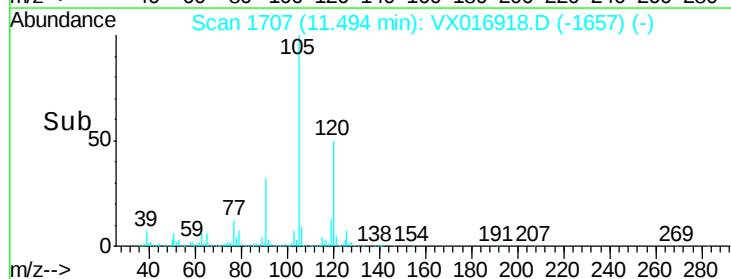
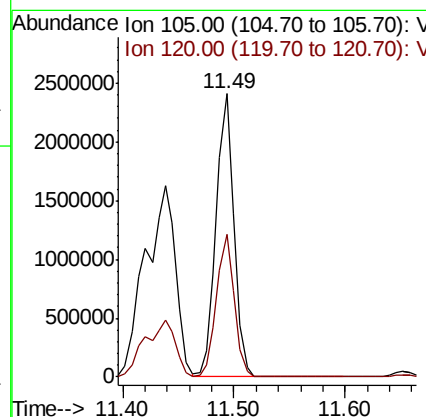
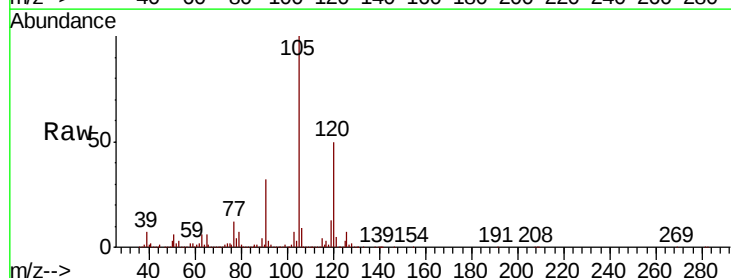
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

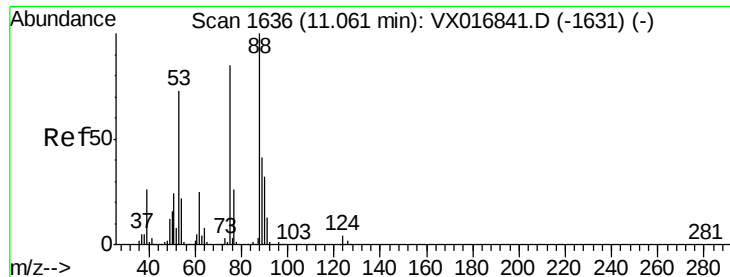
Tot Ion: 91 Resp: 917167
 Ion Ratio Lower Upper
 91 100
 126 22.0 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 186.291 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016918.D
 Acq: 20 Jun 2020 08:55

Tgt Ion: 105 Resp: 2685667
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.786 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

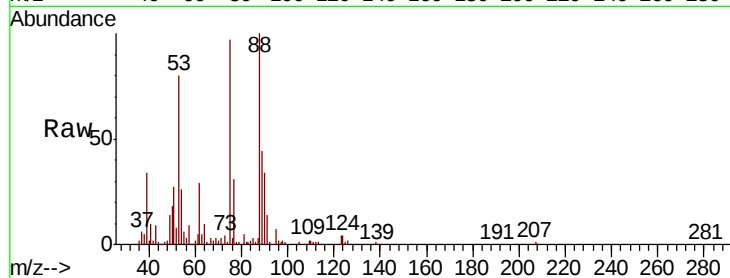
Tot Ion: 75 Resp: 90551

Ion Ratio Lower Upper

75 100

53 90.0 69.8 104.8

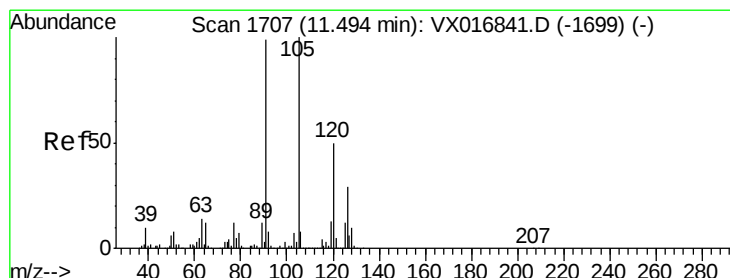
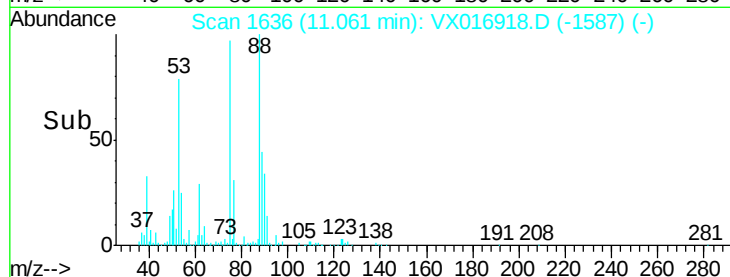
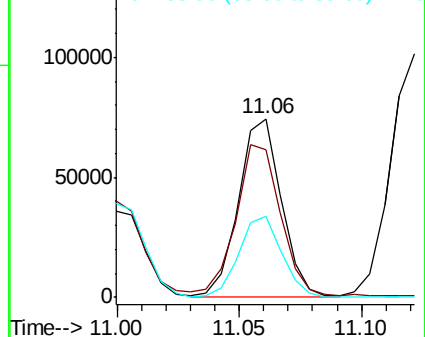
89 46.1 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 65.980 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016918.D

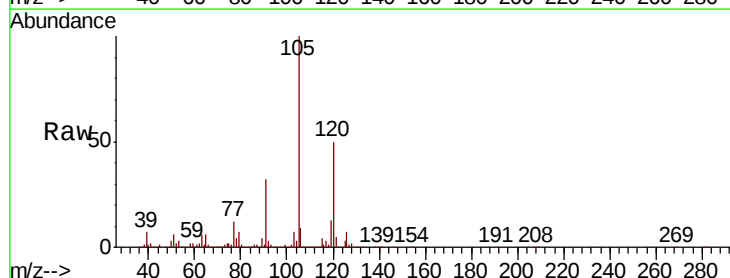
Acq: 20 Jun 2020 08:55

Tgt Ion: 91 Resp: 903118

Ion Ratio Lower Upper

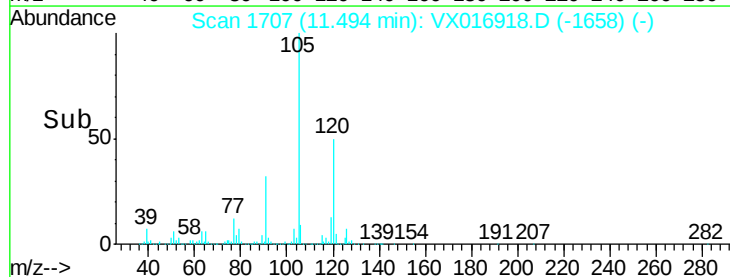
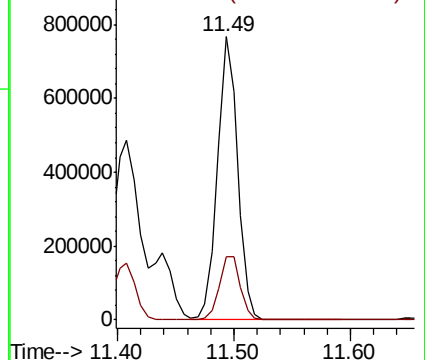
91 100

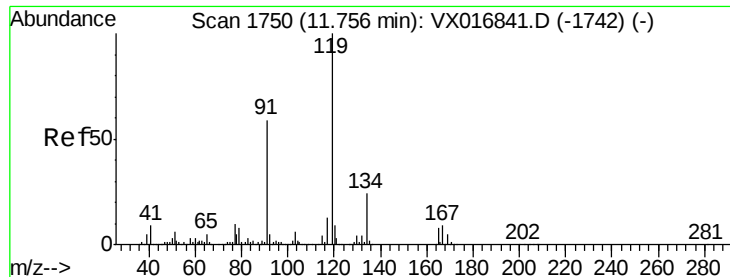
126 23.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

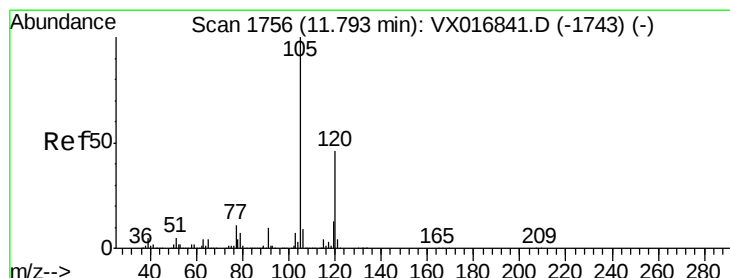
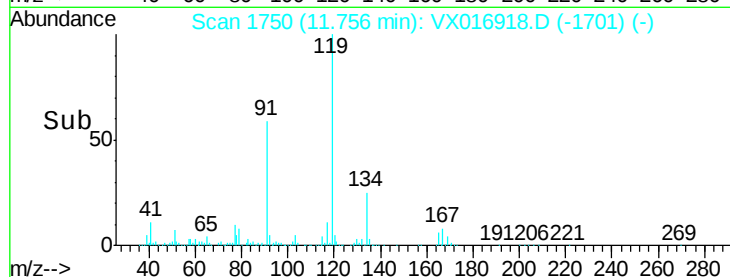
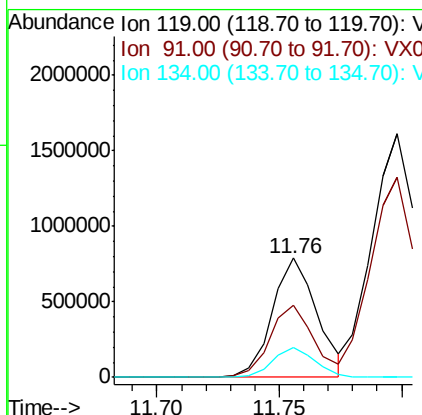
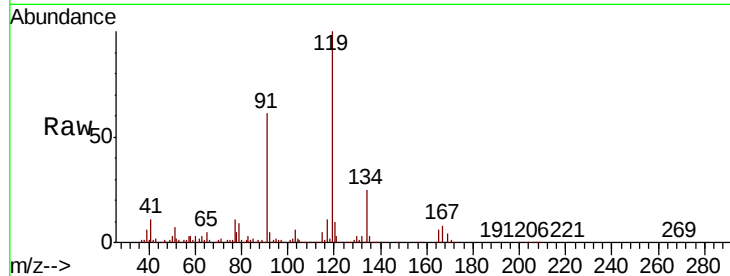




#83
tert-Butylbenzene
Concen: 70.621 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

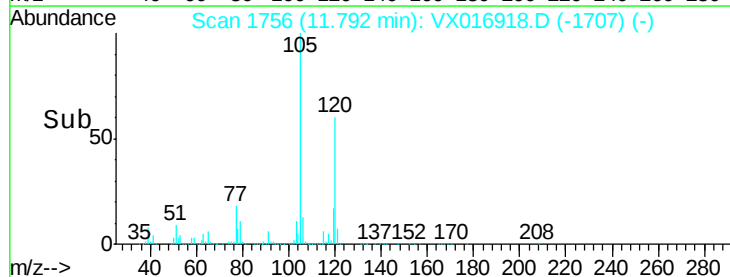
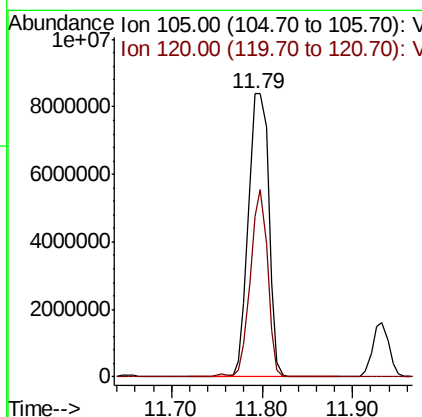
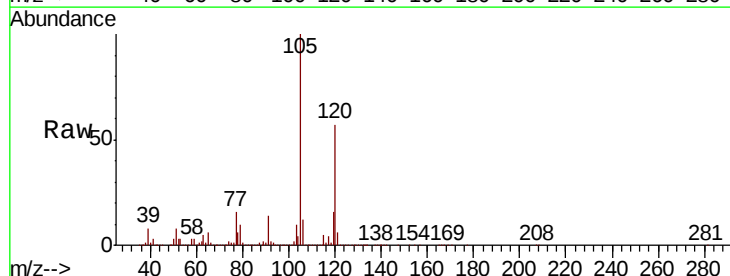
Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

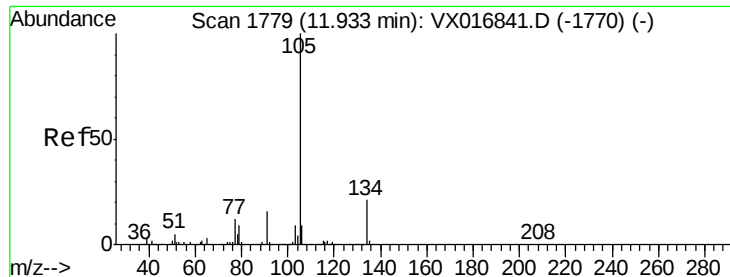
Tot Ion:119 Resp: 1007342
Ion Ratio Lower Upper
119 100
91 59.7 28.5 85.5
134 24.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 881.847 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion:105 Resp:13095910
Ion Ratio Lower Upper
105 100
120 56.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 122.897 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

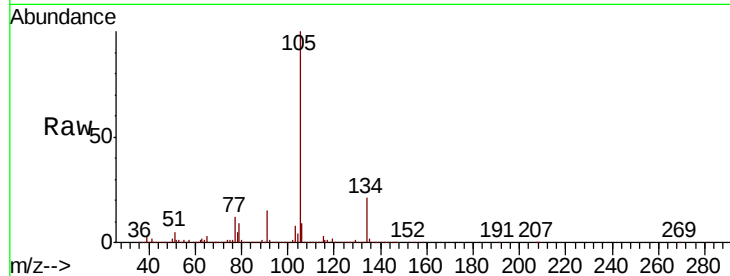
MW-2MS

Tot Ion:105 Resp: 2035924

Ion Ratio Lower Upper

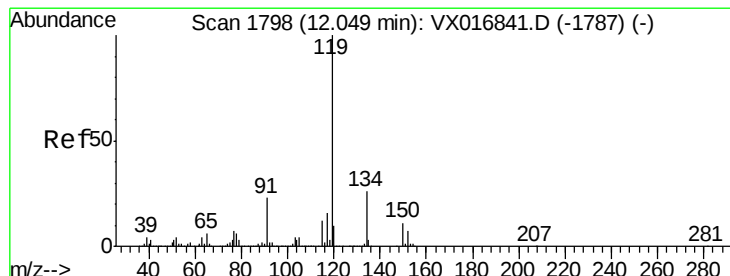
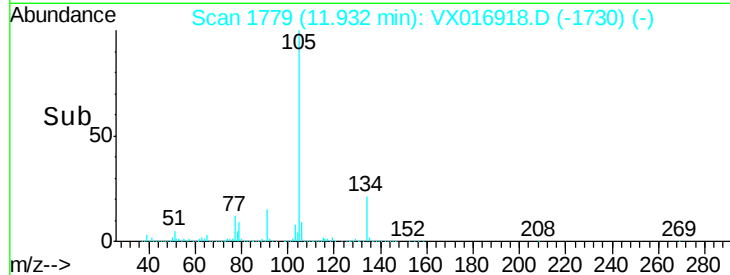
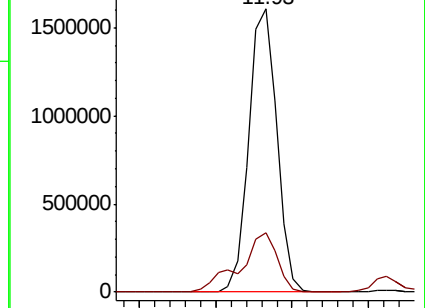
105 100

134 28.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 76.487 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

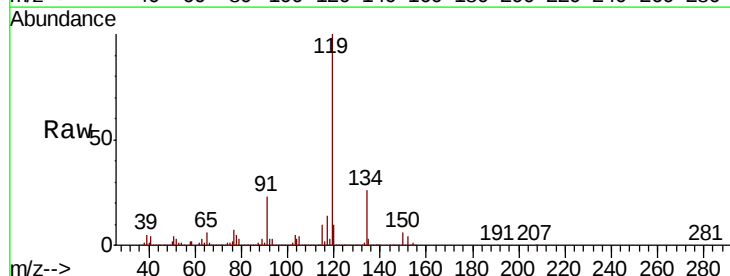
Tgt Ion:119 Resp: 1160952

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

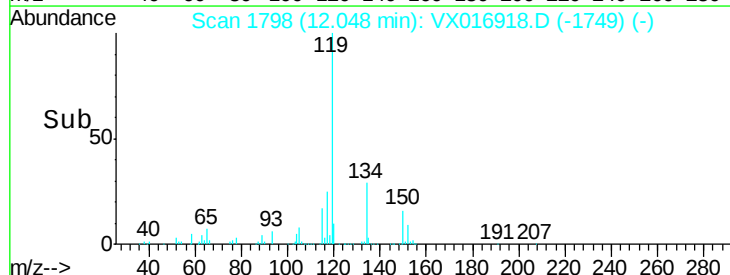
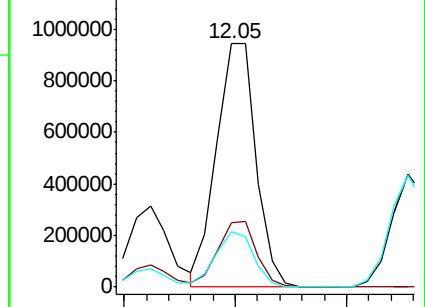
91 22.0 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.783 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

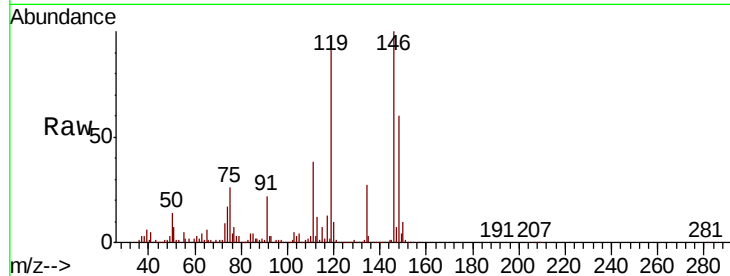
Tot Ion:146 Resp: 389488

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

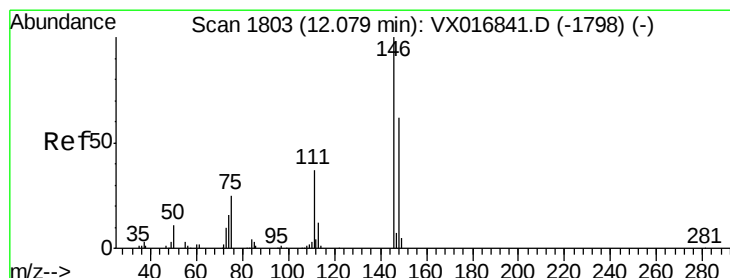
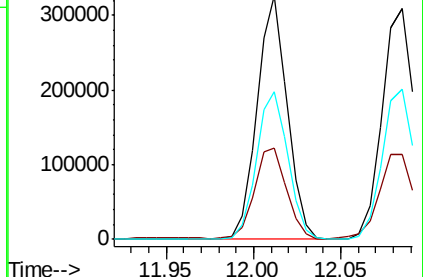
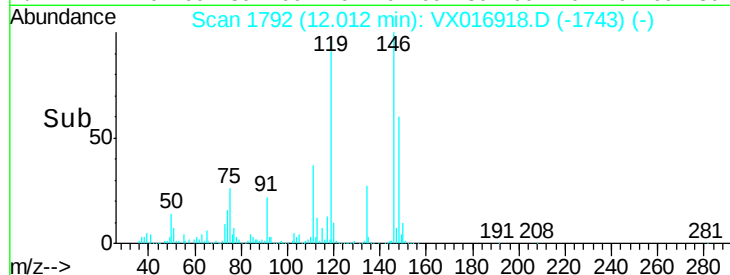
148 62.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.357 ug/l

RT: 12.08 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

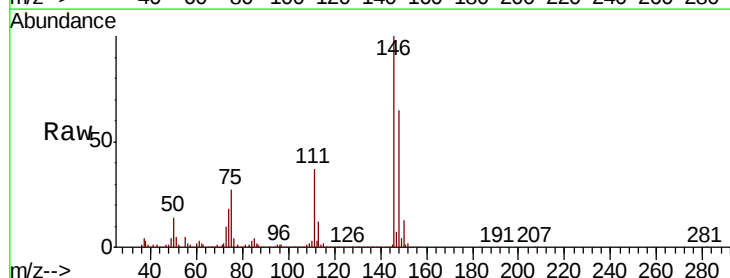
Tgt Ion:146 Resp: 390314

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

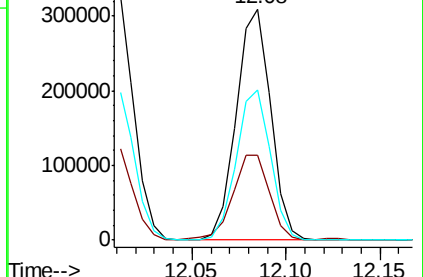
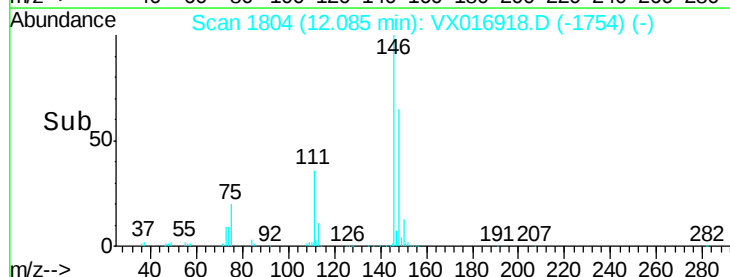
148 65.0 31.6 95.0

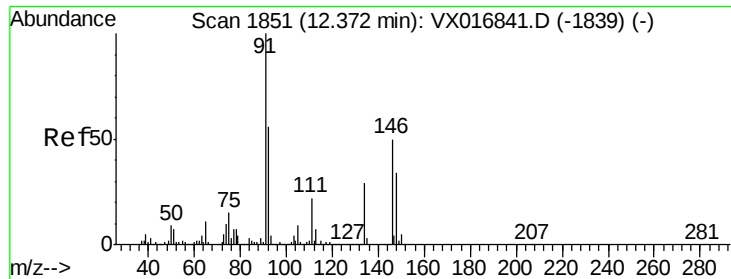


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

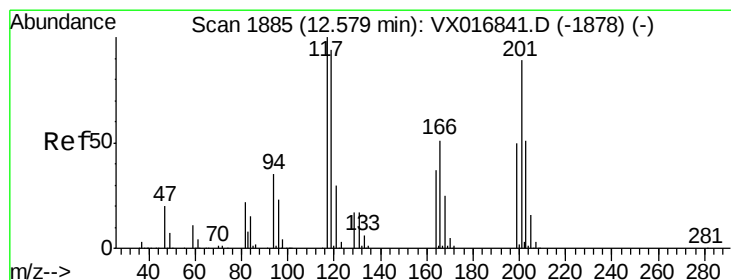
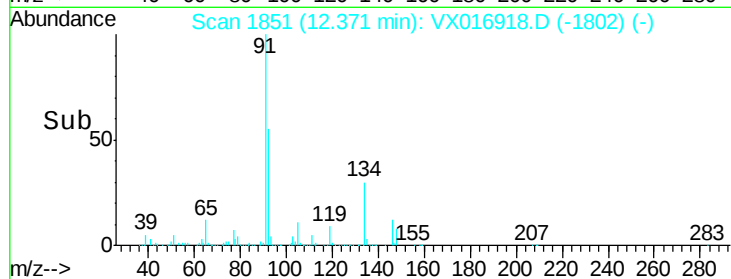
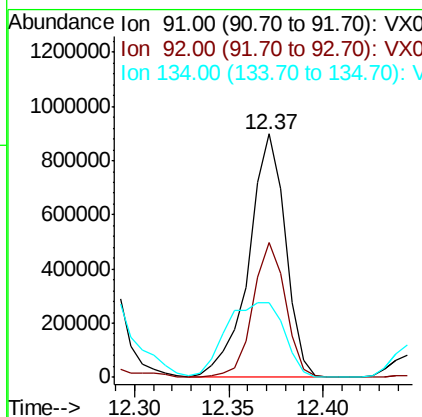
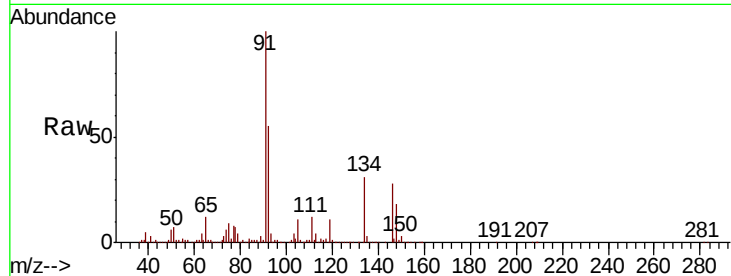




#89
n-Butylbenzene
Concen: 93.119 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

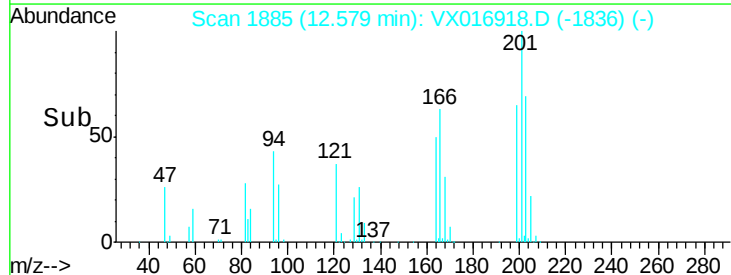
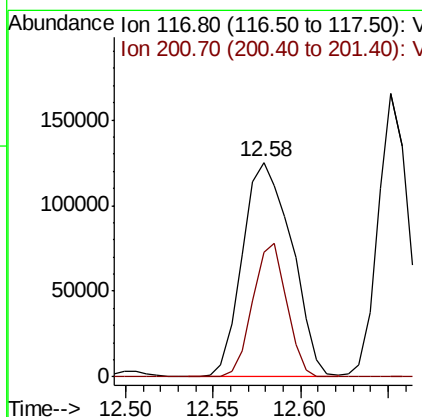
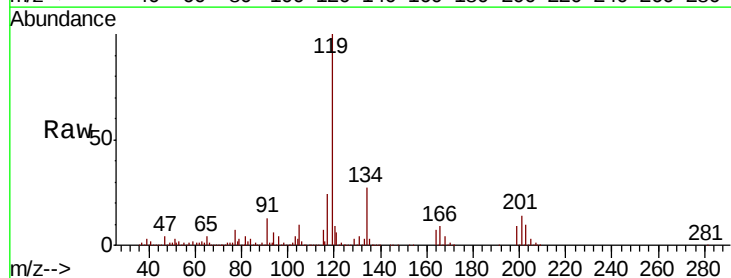
Instrument :
MSVOA_X
ClientSampled :
MW-2MS

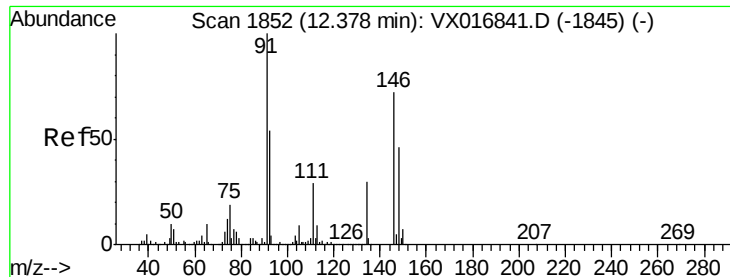
Tot Ion: 91 Resp: 1212026
Ion Ratio Lower Upper
91 100
92 49.3 27.4 82.2
134 48.9 13.9 41.6#



#90
Hexachloroethane
Concen: 89.595 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion: 117 Resp: 244969
Ion Ratio Lower Upper
117 100
201 43.0 44.9 134.5#





#91

1,2-Dichlorobenzene

Concen: 46.059 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

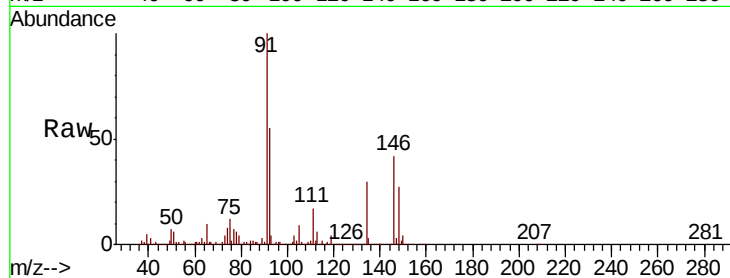
Tot Ion:146 Resp: 370182

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.7

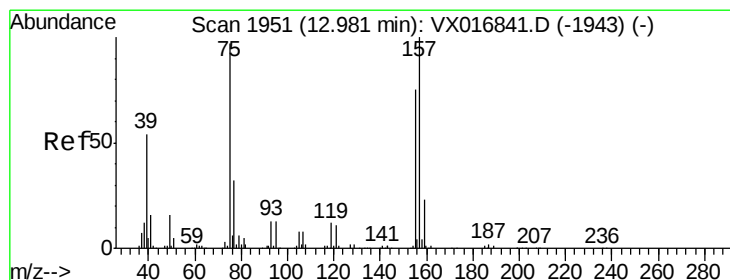
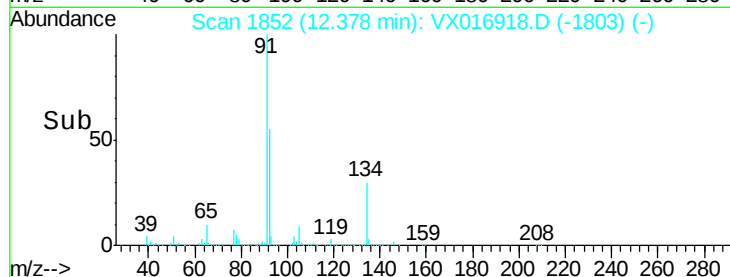
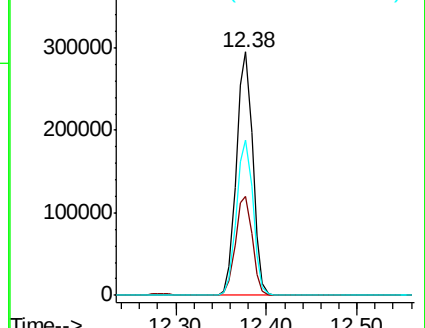
148 64.3 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 72.859 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

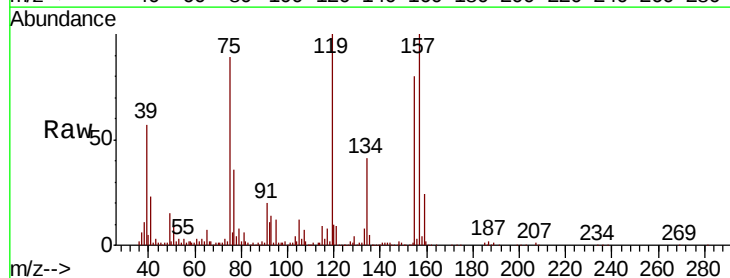
Tgt Ion: 75 Resp: 81507

Ion Ratio Lower Upper

75 100

155 76.1 46.4 139.1

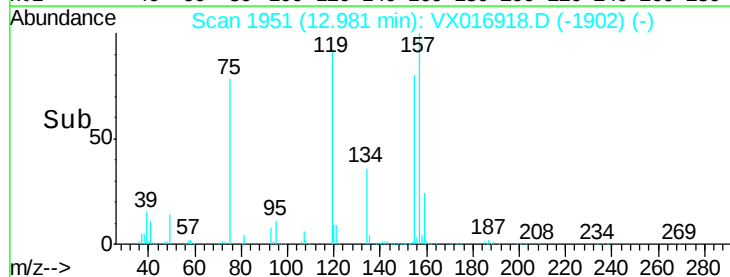
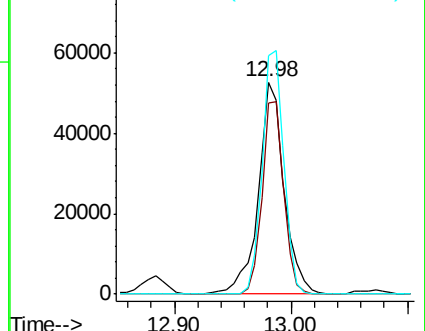
157 96.8 58.6 175.8

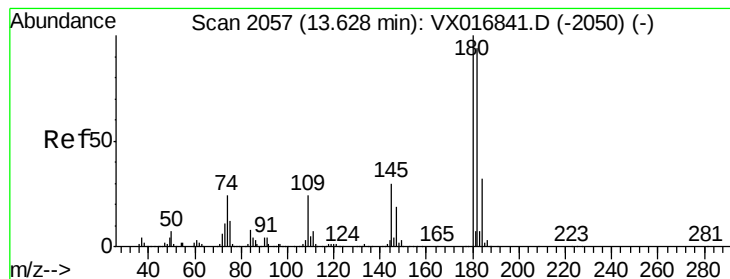


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 52.626 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

MW-2MS

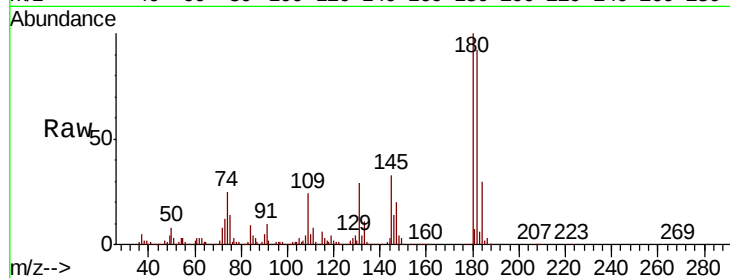
Tot Ion:180 Resp: 284021

Ion Ratio Lower Upper

180 100

182 92.6 47.7 143.1

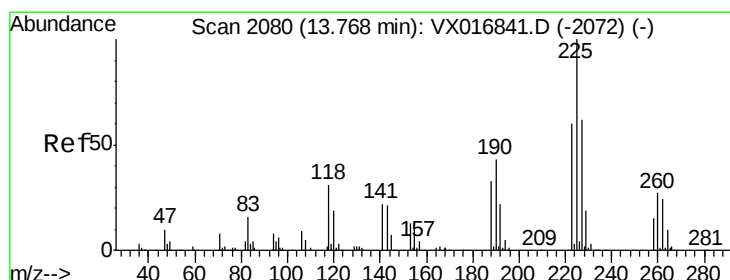
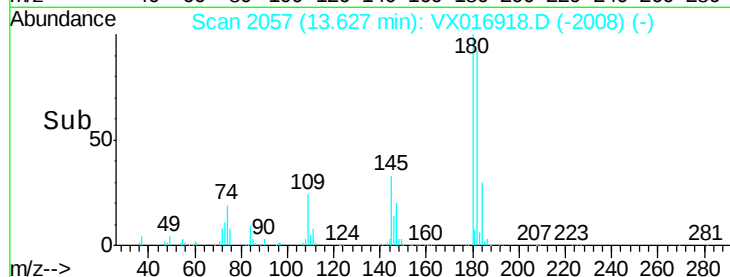
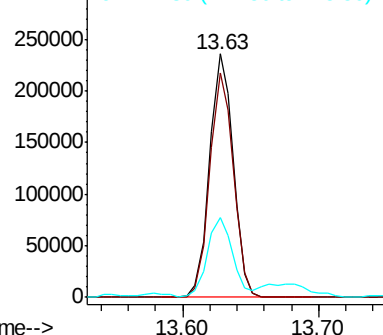
145 35.5 15.0 45.1



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: 29.938 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016918.D

Acq: 20 Jun 2020 08:55

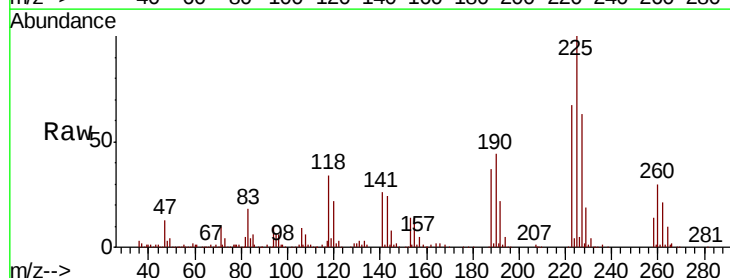
Tgt Ion:225 Resp: 72910

Ion Ratio Lower Upper

225 100

223 64.1 32.1 96.5

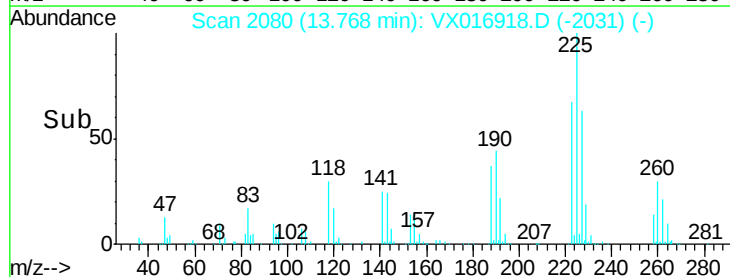
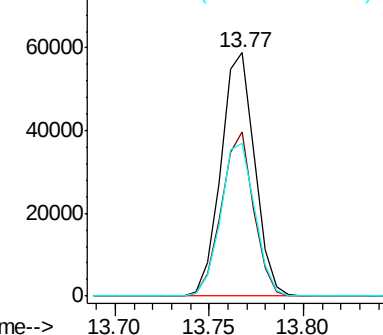
227 63.9 32.3 96.8

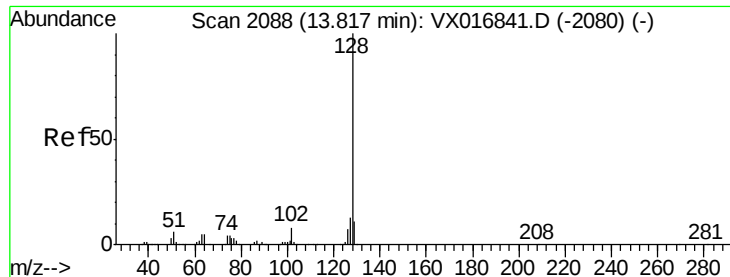


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

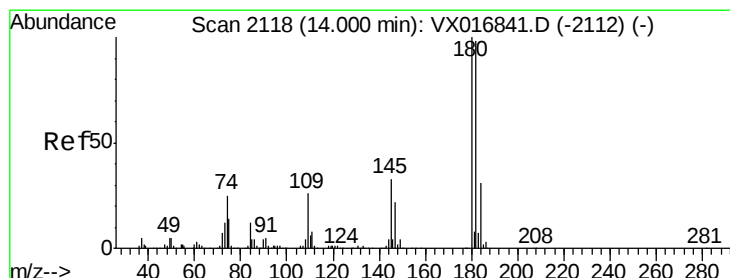
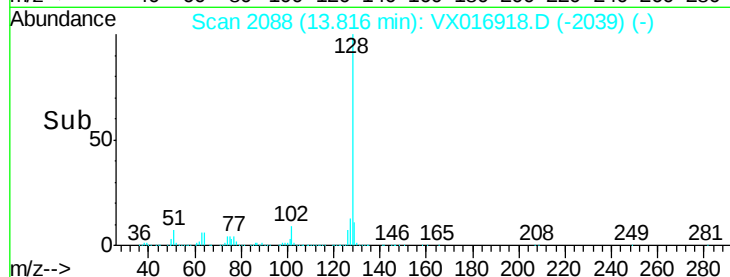
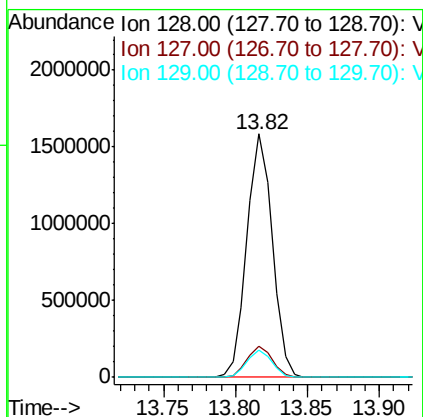
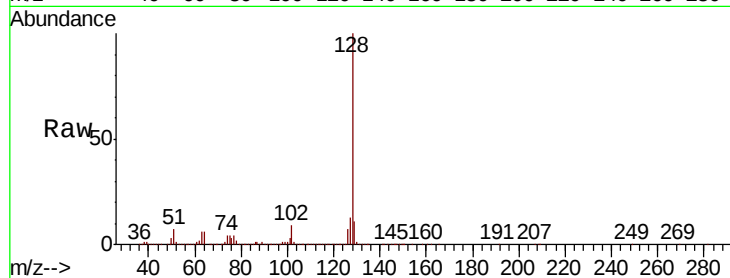




#95
Naphthalene
Concen: 122.382 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Instrument :
MSVOA_X
ClientSampleId :
MW-2MS

Tot Ion:128 Resp: 1939107
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.873 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016918.D
Acq: 20 Jun 2020 08:55

Tgt Ion:180 Resp: 279189
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 34.5 16.0 48.0

