

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010630.D
 Acq On : 02 Jul 2019 20:17
 Operator : JC/SP
 Sample : K3638-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

Quant Time: Jul 03 01:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108722	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	5.50	113	103711	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	8.71	98	374522	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	139624	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60380	41.595	ug/l	99
3) Chloromethane	1.32	50	74632	44.153	ug/l	99
4) Vinyl Chloride	1.41	62	82805	44.726	ug/l	99
5) Bromomethane	1.64	94	33296	36.915	ug/l	99
6) Chloroethane	1.71	64	55822	51.106	ug/l	100
7) Trichlorofluoromethane	1.93	101	147680	50.319	ug/l	97
8) Diethyl Ether	2.19	74	58640	55.715	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81014	45.550	ug/l	98
10) Methyl Iodide	2.51	142	81221	31.999	ug/l	97
11) Tert butyl alcohol	3.05	59	123139	240.386	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89252	49.316	ug/l	99
13) Acrolein	2.29	56	98067	288.587	ug/l	100
14) Allyl chloride	2.73	41	133112	51.807	ug/l	98
15) Acrylonitrile	3.14	53	284978	280.985	ug/l	99
16) Acetone	2.45	43	227845	232.230	ug/l	97
17) Carbon Disulfide	2.57	76	204227	42.062	ug/l	100
18) Methyl Acetate	2.78	43	101926	52.125	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	319469	56.112	ug/l	99
20) Methylene Chloride	2.85	84	107061	53.024	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96652	49.656	ug/l	98
22) Diisopropyl ether	3.85	45	295666	55.038	ug/l	96
23) Vinyl Acetate	3.82	43	1184544	255.245	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167940	54.083	ug/l	99
25) 2-Butanone	4.67	43	380864	264.640	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109417	40.563	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	117453	52.218	ug/l	100
28) Bromochloromethane	5.02	49	80525	54.238	ug/l	96
29) Tetrahydrofuran	5.13	42	246753	276.803	ug/l	99
30) Chloroform	5.21	83	182033	54.484	ug/l	99
31) Cyclohexane	5.57	56	127344	45.034	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155804	52.813	ug/l	99
36) 1,1-Dichloropropene	5.80	75	120191	46.880	ug/l	100
37) Ethyl Acetate	4.84	43	131380	49.812	ug/l	99
38) Carbon Tetrachloride	5.79	117	134171	48.328	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135864	40.315	ug/l	99
40) Benzene	6.14	78	402673	50.413	ug/l	99
41) Methacrylonitrile	5.04	41	79332	54.819	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137022	56.355	ug/l	98
43) Isopropyl Acetate	6.45	43	223219	51.153	ug/l	98
44) Trichloroethene	7.21	130	114168	47.768	ug/l	99
45) 1,2-Dichloropropane	7.51	63	103699	51.411	ug/l	99
46) Dibromomethane	7.66	93	77517	53.564	ug/l	96
47) Bromodichloromethane	7.90	83	140135	52.838	ug/l	99
48) Methyl methacrylate	7.77	41	113702	56.056	ug/l	98
49) 1,4-Dioxane	7.74	88	56206	961.915	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	783216	280.632	ug/l	98
52) Toluene	8.78	92	263031	50.005	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144839	48.711	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161855	50.090	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115146	53.078	ug/l	99
56) Ethyl methacrylate	9.18	69	177266	53.941	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179486	53.300	ug/l	100
59) 2-Hexanone	9.49	43	599675	273.009	ug/l	98
60) Dibromochloromethane	9.58	129	125306	51.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123508	52.746	ug/l	100
64) Tetrachloroethene	9.34	164	97772	41.108	ug/l	99
65) Chlorobenzene	10.14	112	302191	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113569	52.226	ug/l	99
67) Ethyl Benzene	10.25	91	506326	50.238	ug/l	99
68) m/p-Xylenes	10.36	106	391683	100.298	ug/l	99
69) o-Xylene	10.69	106	193827	50.471	ug/l	98
70) Styrene	10.71	104	337247	52.364	ug/l	98
71) Bromoform	10.85	173	96369	50.961	ug/l #	99
73) Isopropylbenzene	11.02	105	510313	49.284	ug/l	98
74) N-amyl acetate	10.90	43	195970	50.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186091	54.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	195384	70.193	ug/l	81
77) Bromobenzene	11.26	156	142476	49.278	ug/l	98
78) n-propylbenzene	11.36	91	567241	49.845	ug/l	98
79) 2-Chlorotoluene	11.42	91	337972	49.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	425887	49.892	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52106	43.671	ug/l	91
82) 4-Chlorotoluene	11.51	91	392795	50.939	ug/l	100
83) tert-Butylbenzene	11.77	119	434064	50.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	430188	50.161	ug/l	100
85) sec-Butylbenzene	11.94	105	493182	49.027	ug/l	99
86) p-Isopropyltoluene	12.06	119	455806	48.987	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251203	49.773	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250739	48.801	ug/l	99
89) n-Butylbenzene	12.38	91	383464	48.499	ug/l	99
90) Hexachloroethane	12.60	117	77733	48.314	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	251532	50.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38054	51.470	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	173292	49.818	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

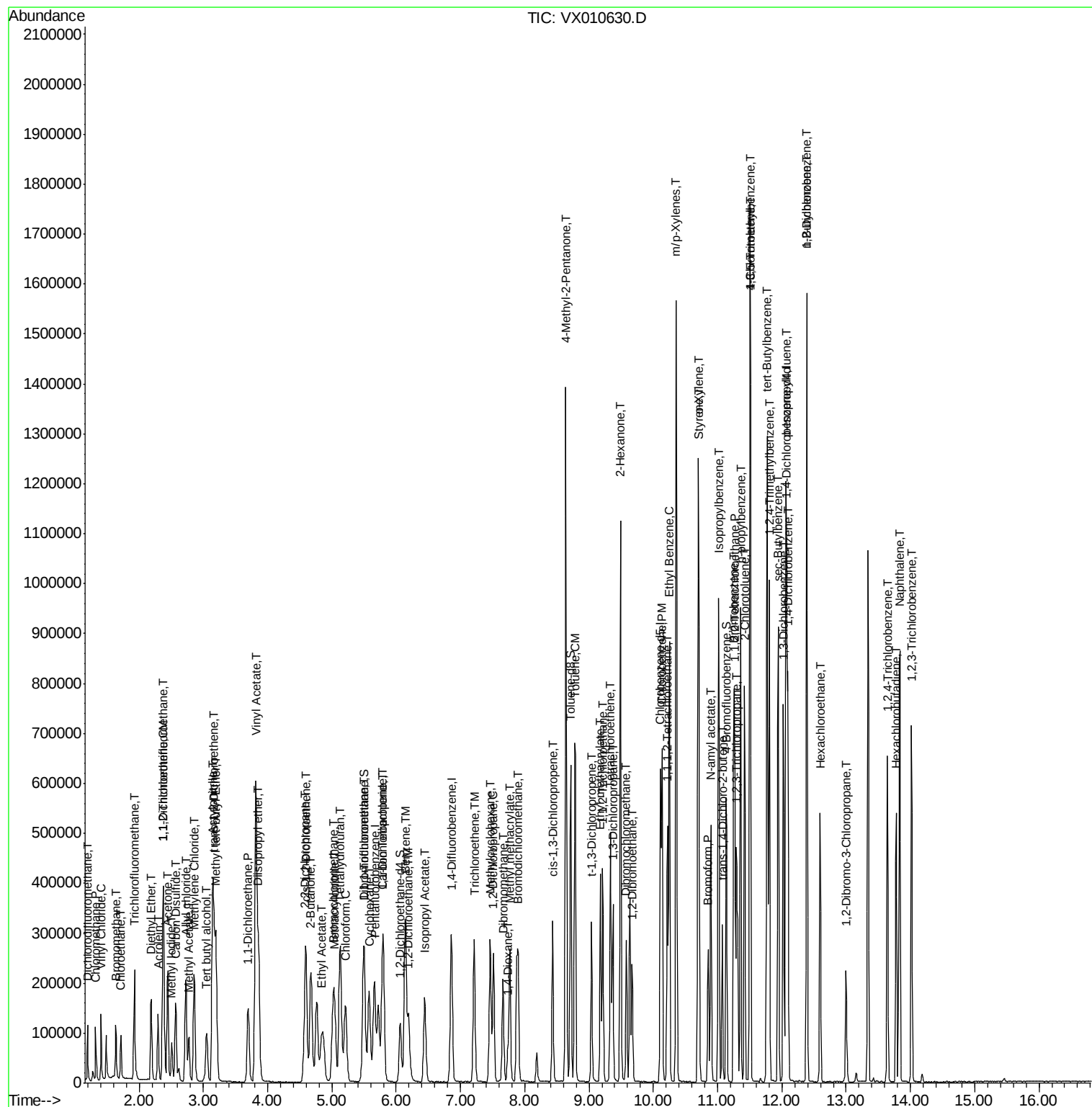
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75776	44.572	ug/l	98
95) Naphthalene	13.83	128	558454	52.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	175695	50.800	ug/l	100

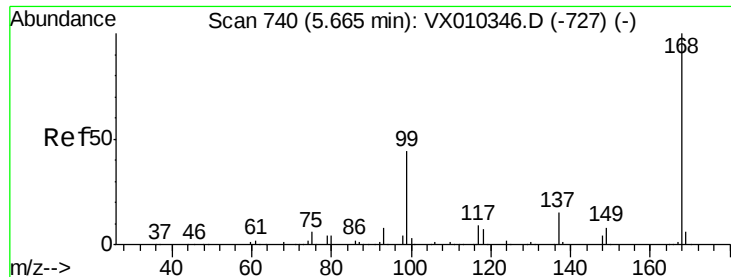
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
Data File : VX010630.D
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

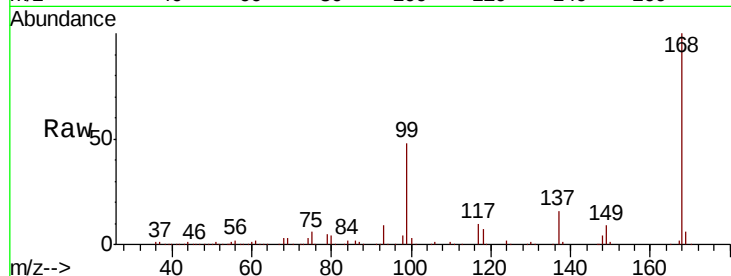
MWHR2-6-070119MSD

Tot Ion:168 Resp: 208795

Ion Ratio Lower Upper

168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

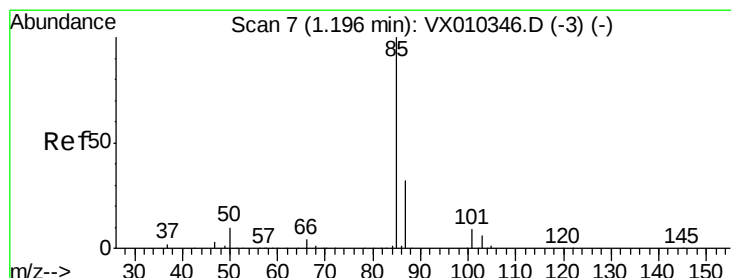
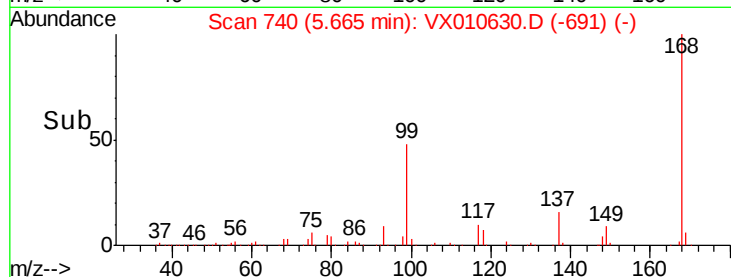
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.595 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010630.D

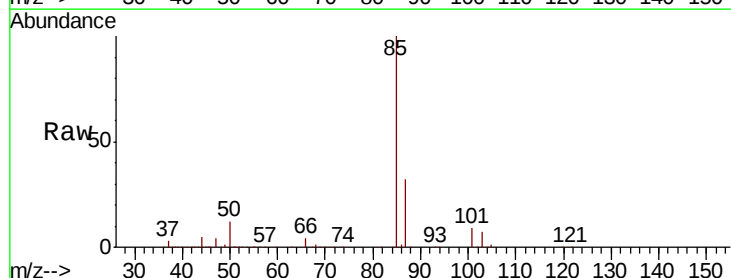
Acq: 02 Jul 2019 20:17

Tgt Ion: 85 Resp: 60380

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

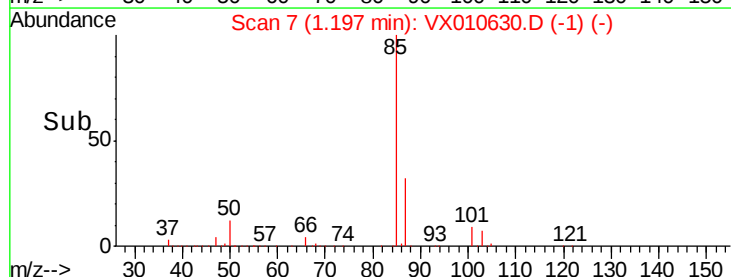
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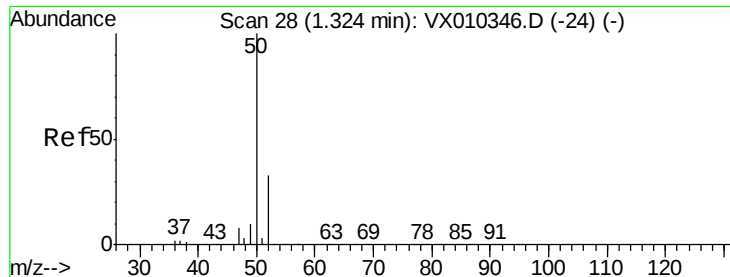
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.153 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

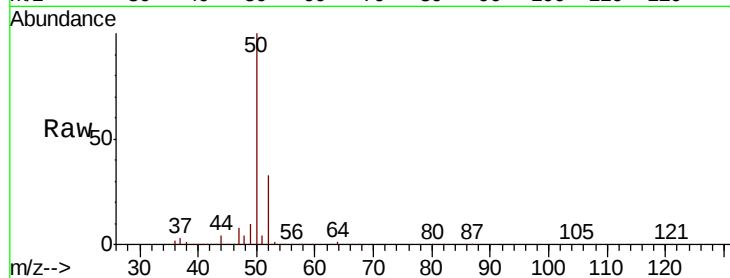
MWHR2-6-070119MSD

Tot Ion: 50 Resp: 74632

Ion Ratio Lower Upper

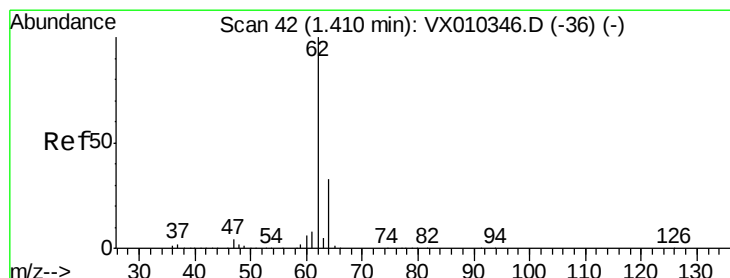
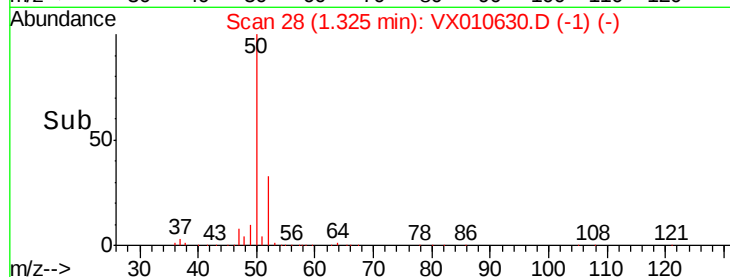
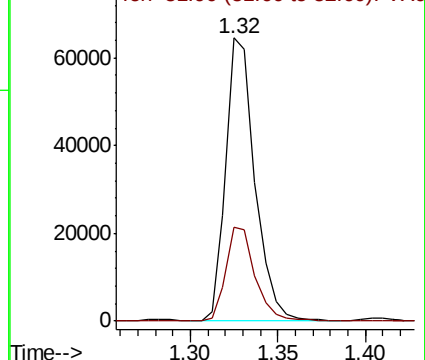
50 100

52 33.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.726 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010630.D

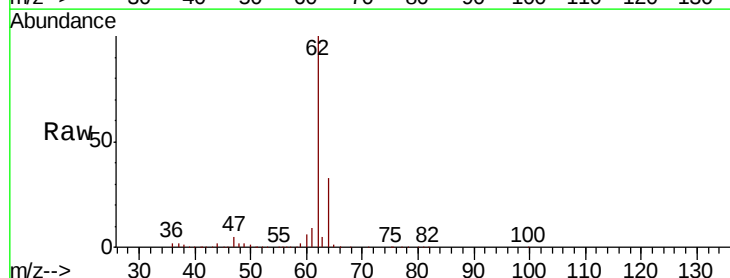
Acq: 02 Jul 2019 20:17

Tgt Ion: 62 Resp: 82805

Ion Ratio Lower Upper

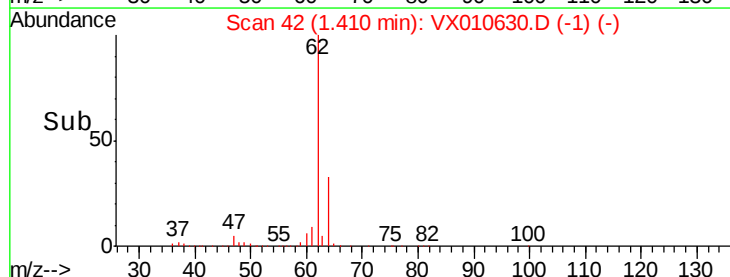
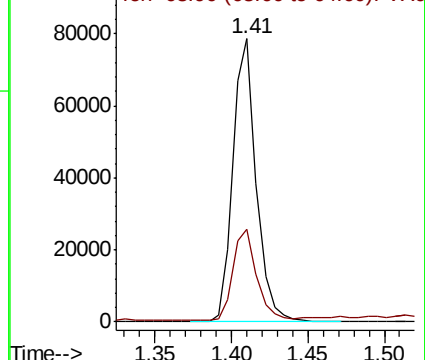
62 100

64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 36.915 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

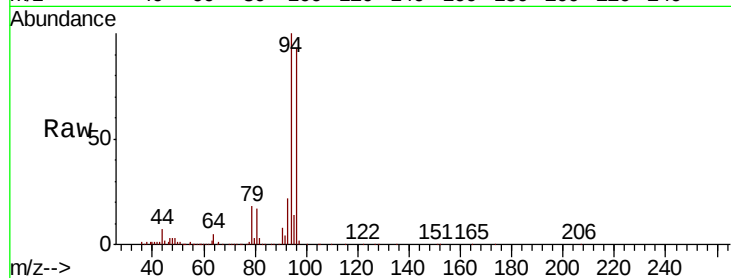
MWHR2-6-070119MSD

Tot Ion: 94 Resp: 33296

Ion Ratio Lower Upper

94 100

96 93.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

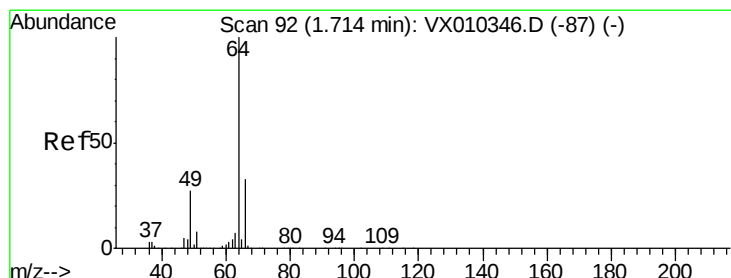
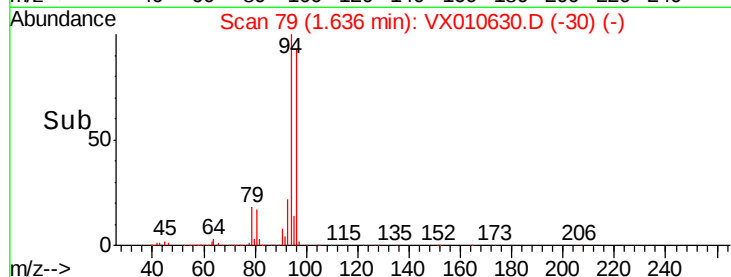
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.106 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010630.D

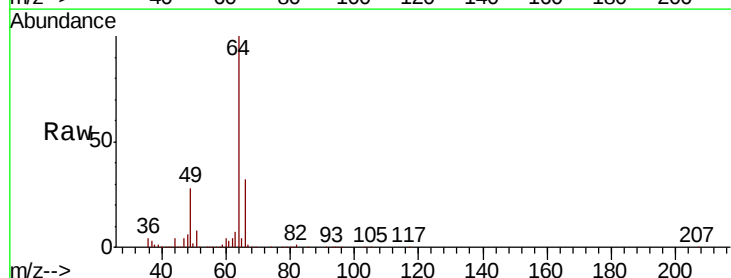
Acq: 02 Jul 2019 20:17

Tgt Ion: 64 Resp: 55822

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

30000

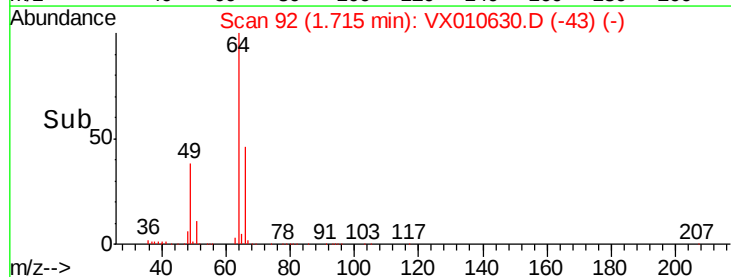
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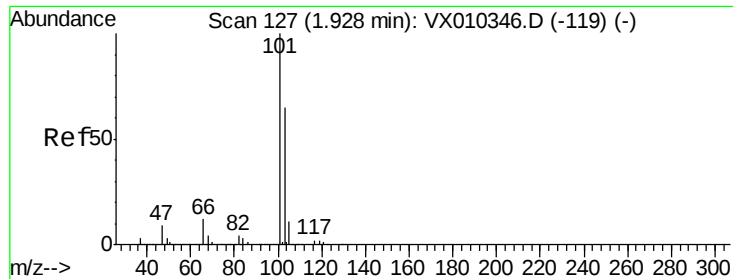
10000

0

Time-->

1.65 1.70 1.75 1.80



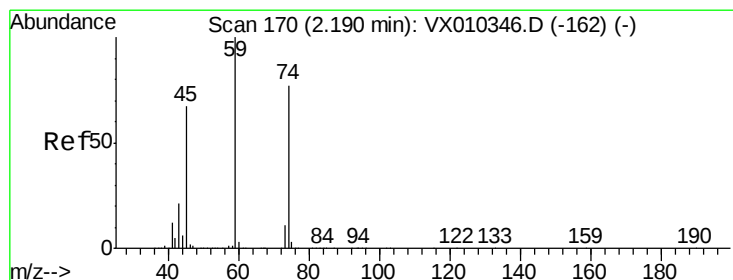
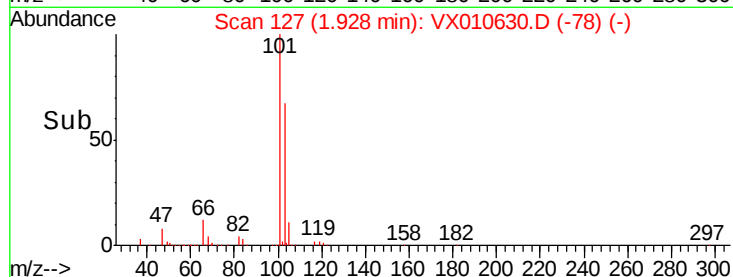
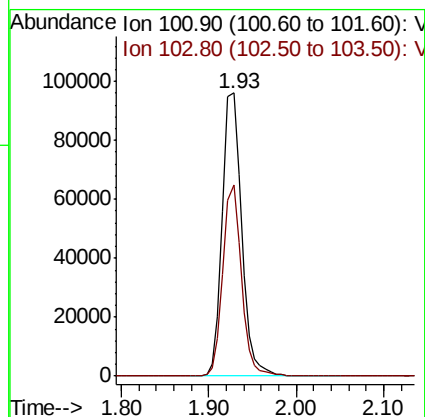
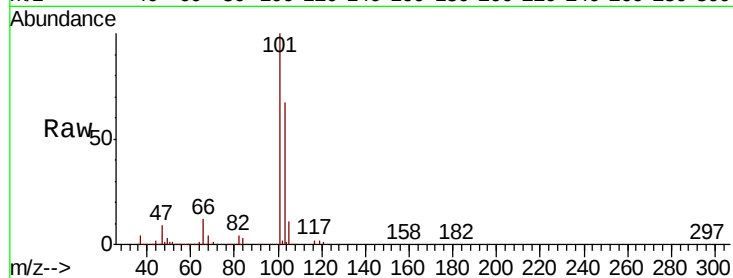


#7

Trichlorofluoromethane
 Concen: 50.319 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

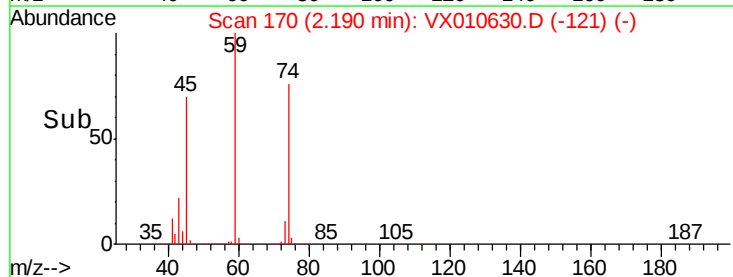
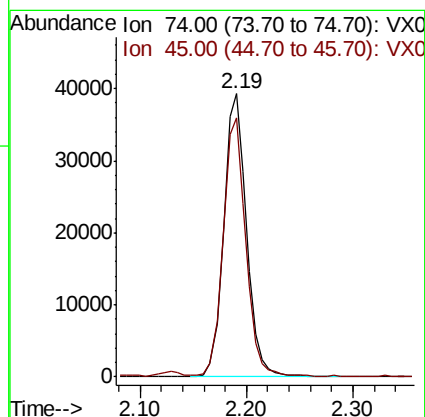
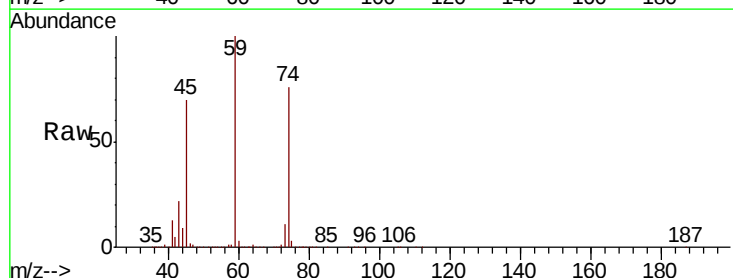
Tot Ion:101 Resp: 147680
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.3 78.5



#8

Diethyl Ether
 Concen: 55.715 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 74 Resp: 58640
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.550 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

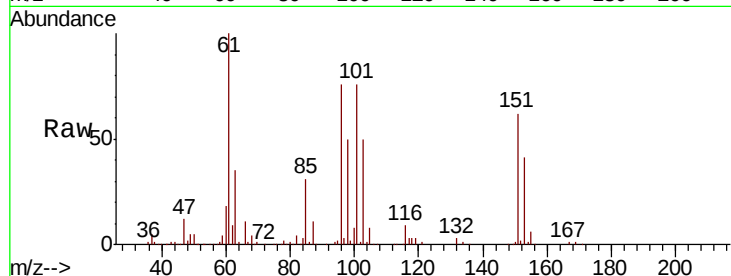
Tot Ion:101 Resp: 81014

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

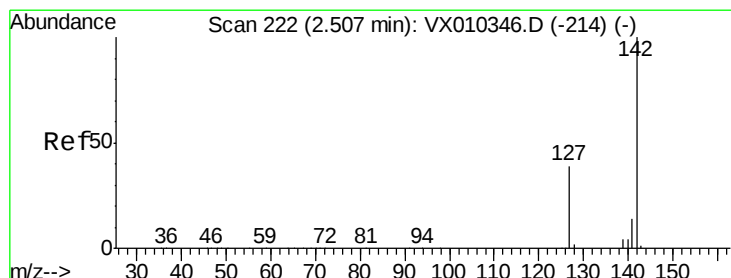
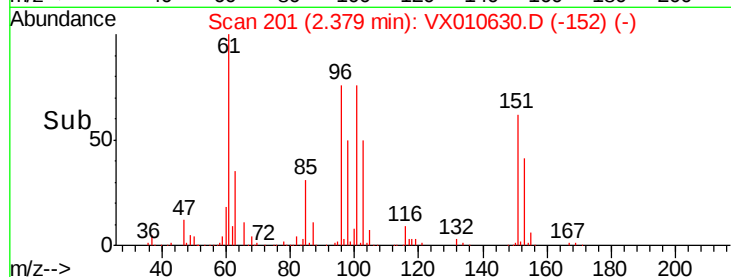
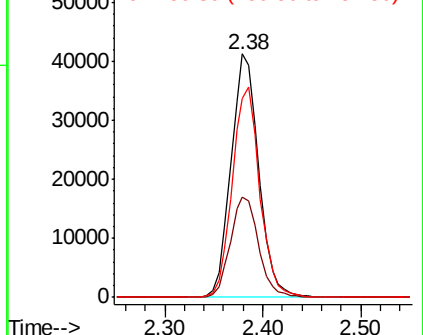
151 85.5 70.1 105.1



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: 31.999 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

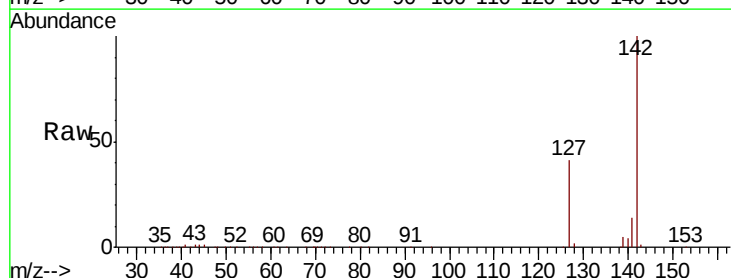
Tgt Ion:142 Resp: 81221

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

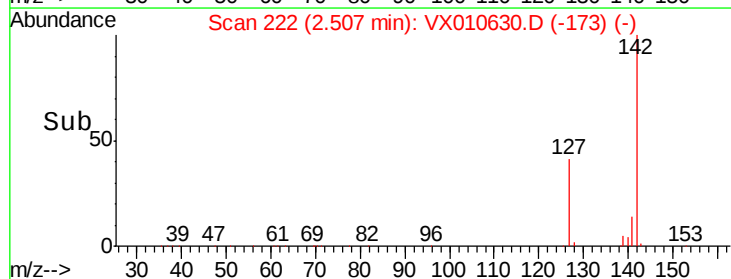
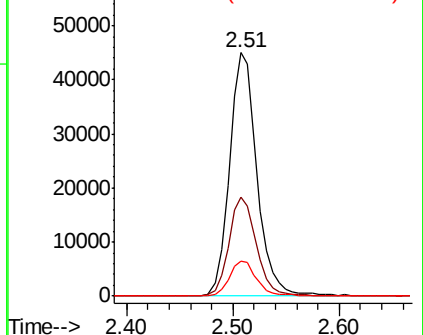
141 14.6 11.2 16.8

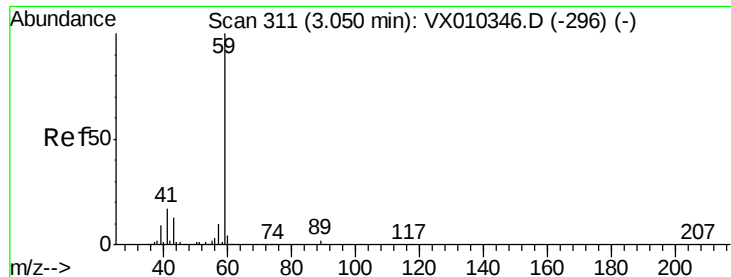


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



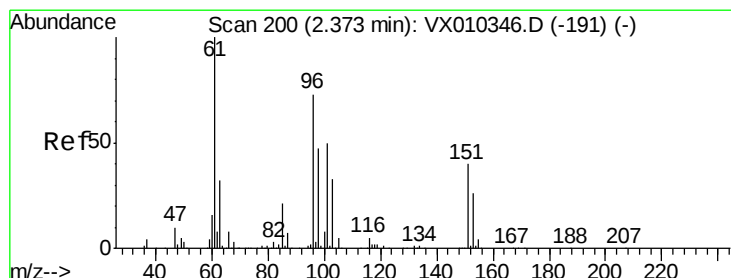
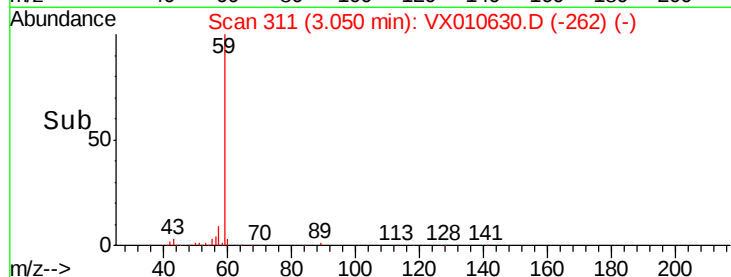
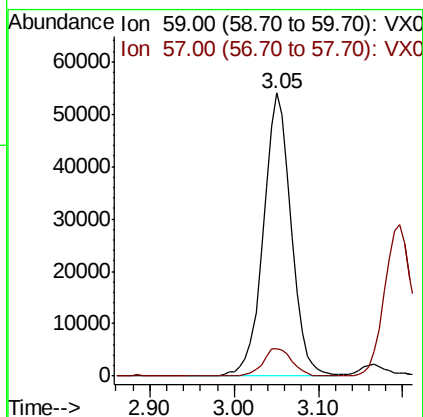
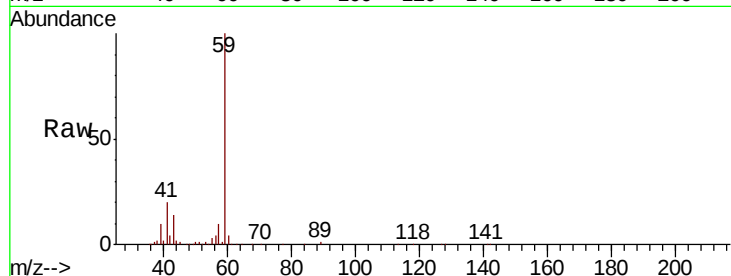


#11

Tert butyl alcohol
Concen: 240.386 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

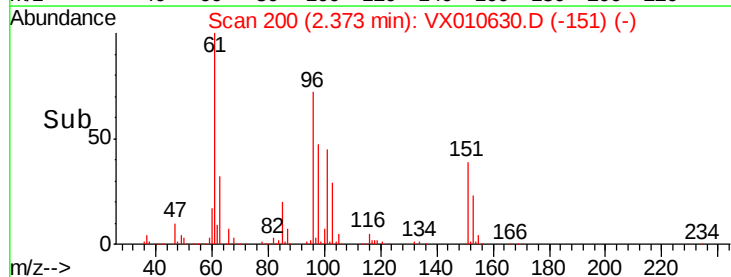
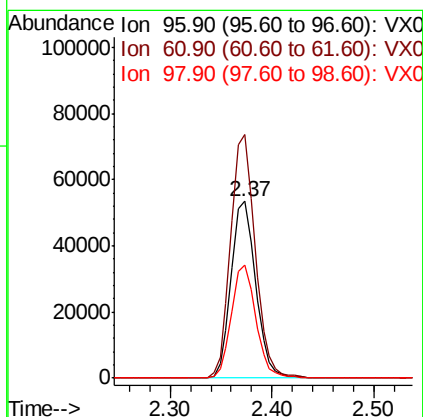
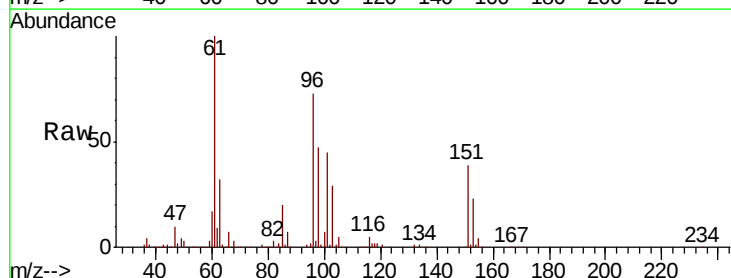
Tot Ion: 59 Resp: 123139
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



#12

1,1-Dichloroethene
Concen: 49.316 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion: 96 Resp: 89252
Ion Ratio Lower Upper
96 100
61 137.9 109.2 163.8
98 64.3 51.1 76.7





#13

Acrolein

Concen: 288.587 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

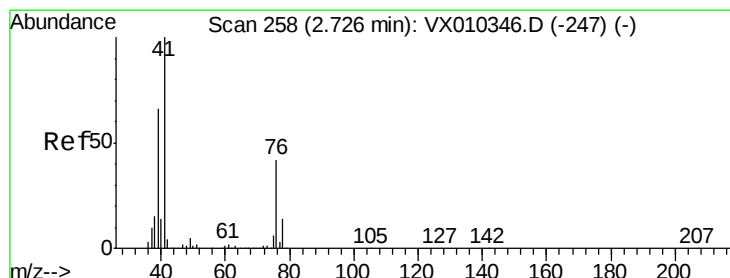
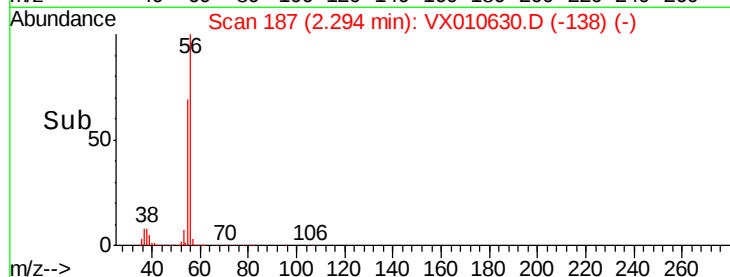
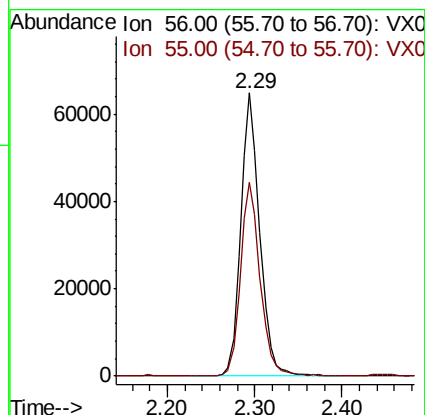
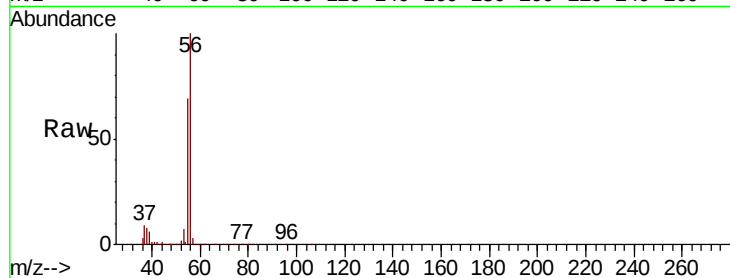
MWHR2-6-070119MSD

Tot Ion: 56 Resp: 98067

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 51.807 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

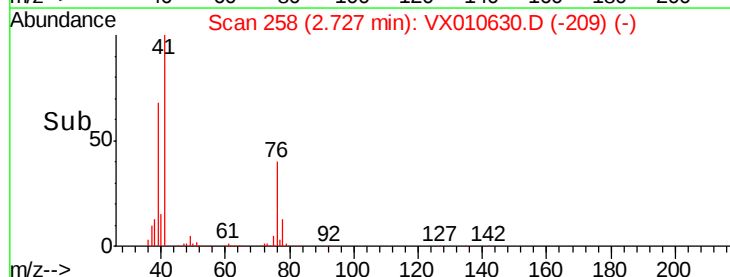
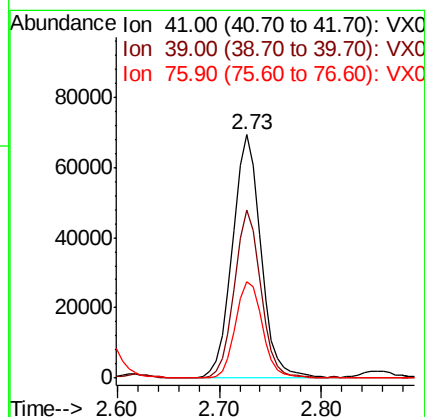
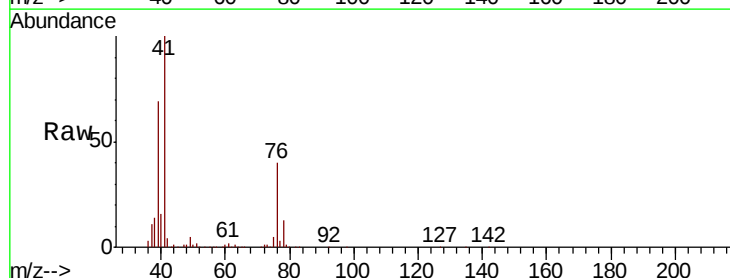
Tgt Ion: 41 Resp: 133112

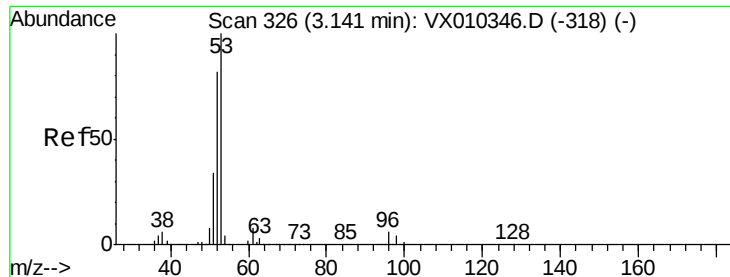
Ion Ratio Lower Upper

41 100

39 64.1 50.3 75.5

76 37.6 31.3 46.9





#15

Acrylonitrile

Concen: 280.985 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

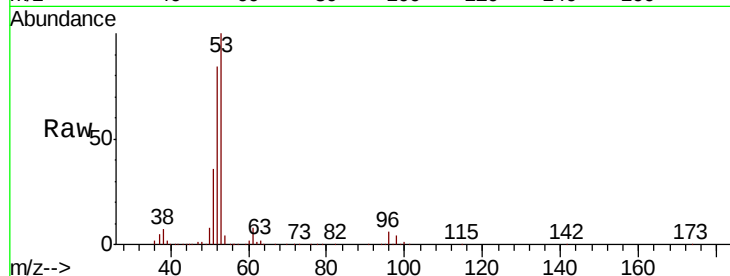
Tot Ion: 53 Resp: 284978

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

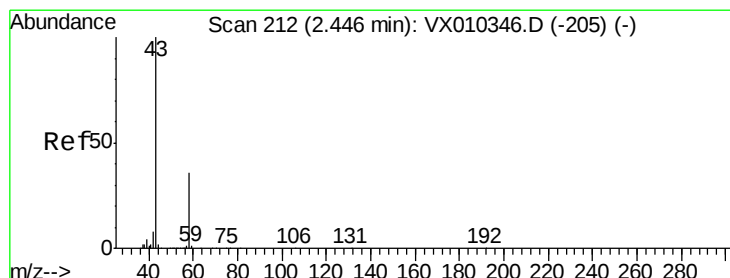
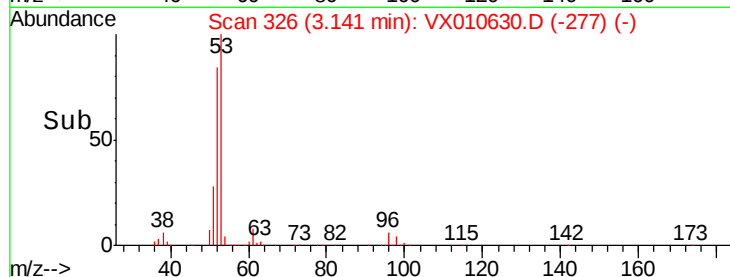
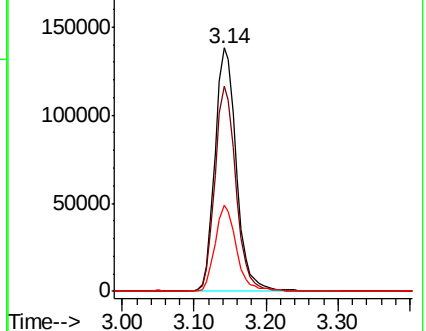
51 35.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.230 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010630.D

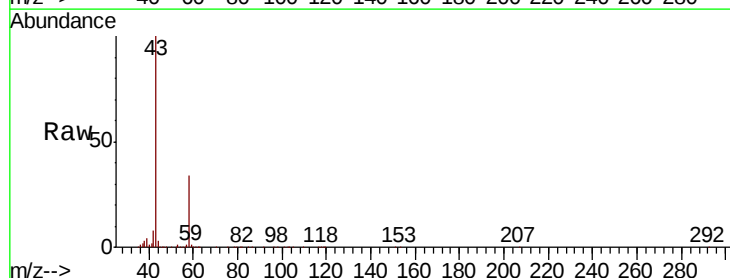
Acq: 02 Jul 2019 20:17

Tgt Ion: 43 Resp: 227845

Ion Ratio Lower Upper

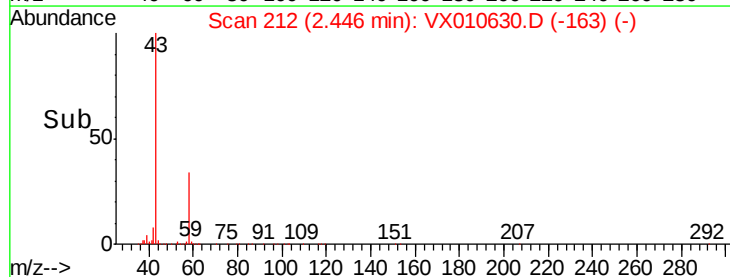
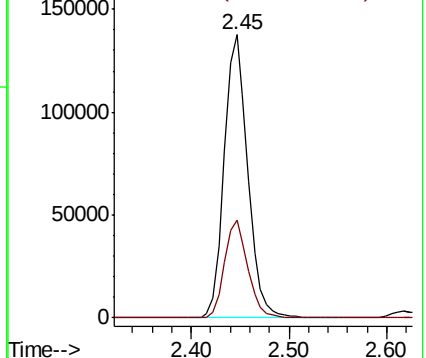
43 100

58 34.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

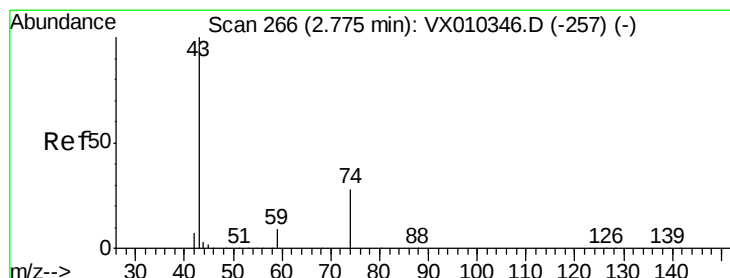
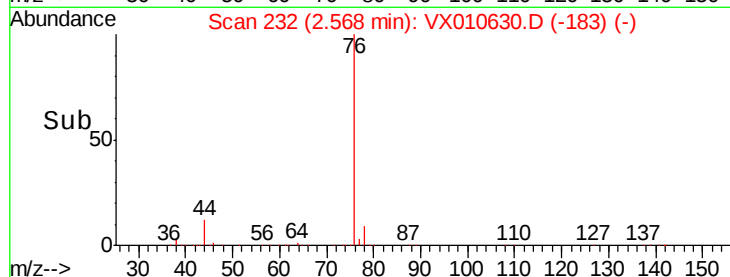
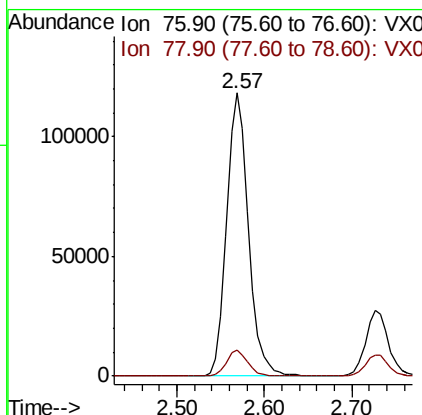
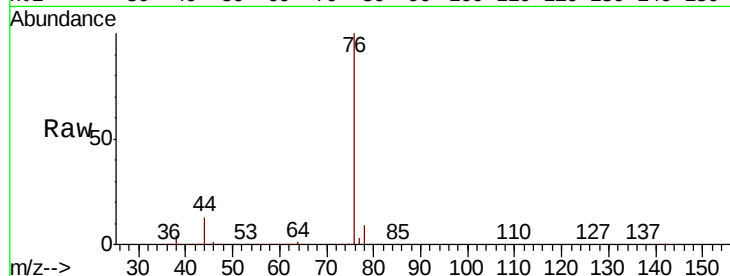




#17
Carbon Disulfide
Concen: 42.062 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

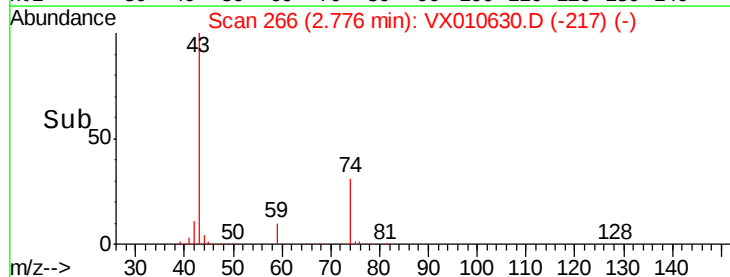
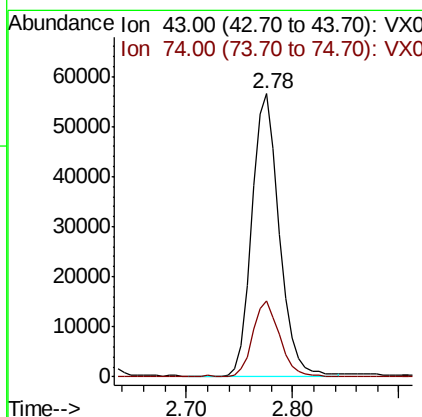
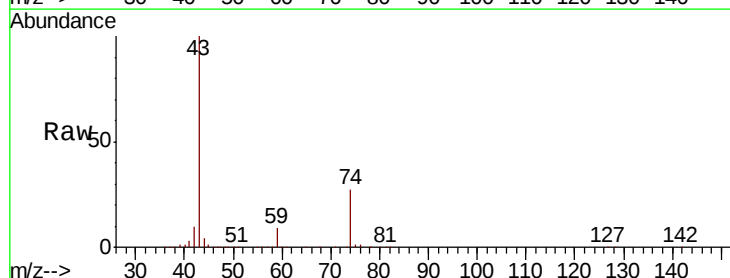
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

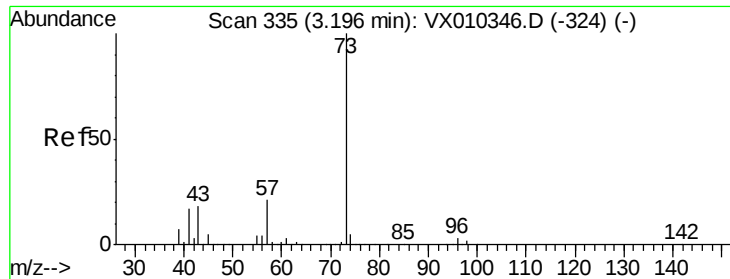
Tot Ion: 76 Resp: 204227
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 52.125 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion: 43 Resp: 101926
Ion Ratio Lower Upper
43 100
74 27.1 21.3 31.9



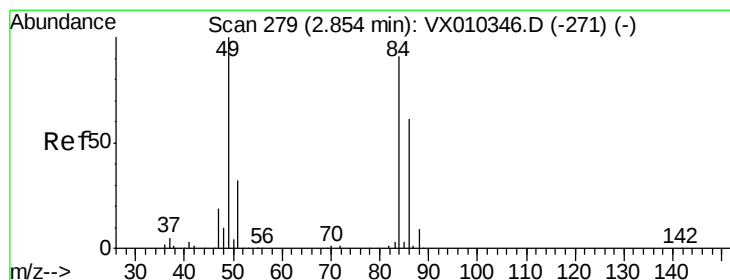
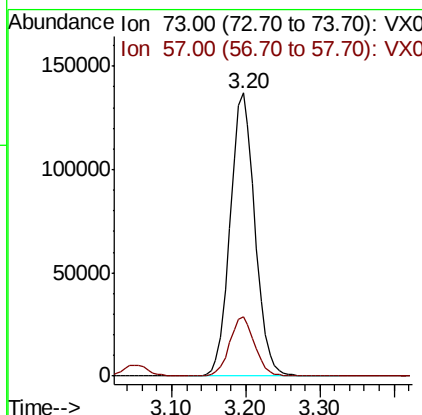
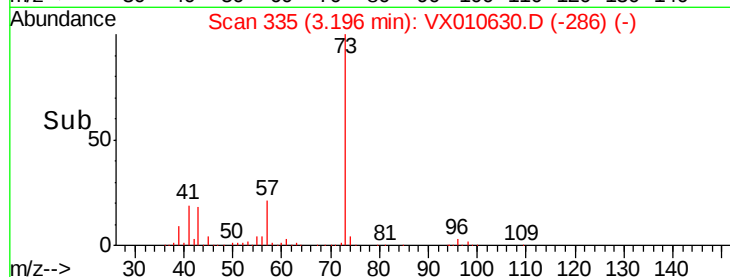
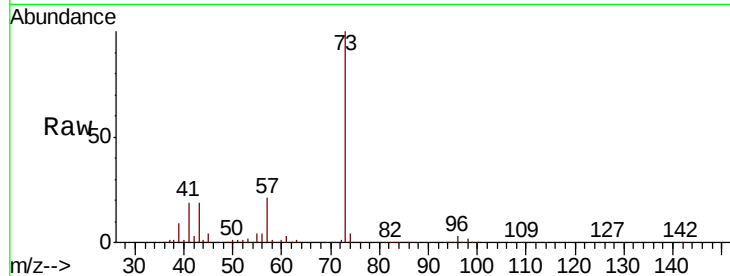


#19

Methyl tert-butyl Ether
 Concen: 56.112 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

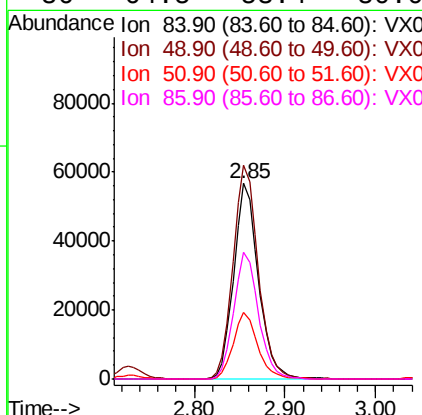
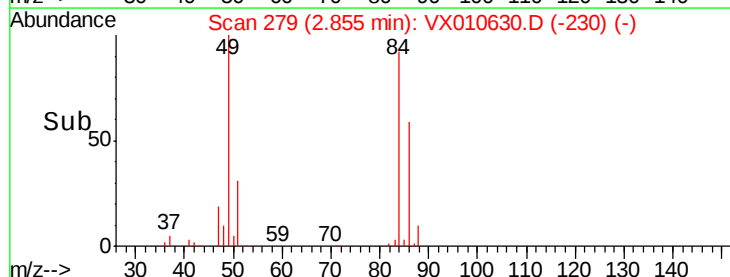
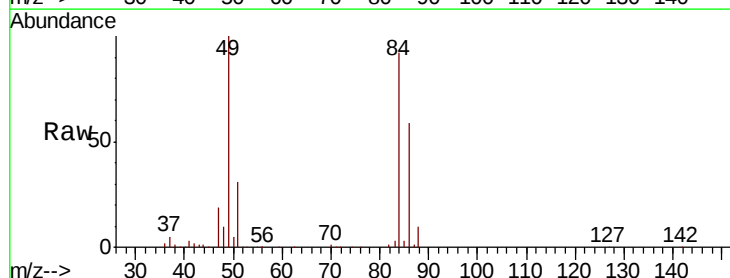
Tot Ion: 73 Resp: 319469
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.4 24.6

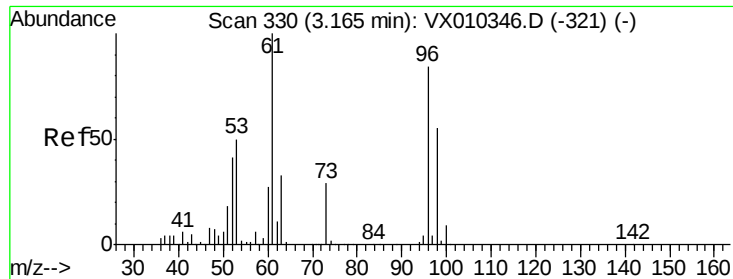


#20

Methylene Chloride
 Concen: 53.024 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 84 Resp: 107061
 Ion Ratio Lower Upper
 84 100
 49 108.9 87.5 131.3
 51 33.9 27.7 41.5
 86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 49.656 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

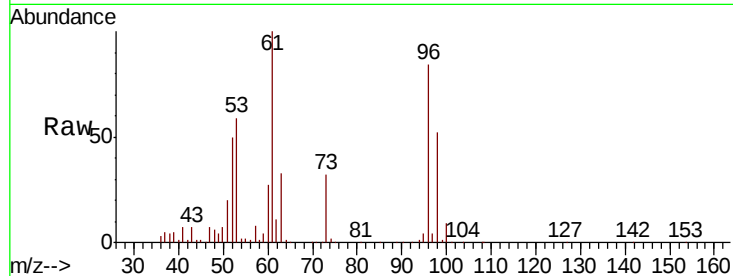
Tot Ion: 96 Resp: 96652

Ion Ratio Lower Upper

96 100

61 118.4 95.6 143.4

98 61.7 52.5 78.7

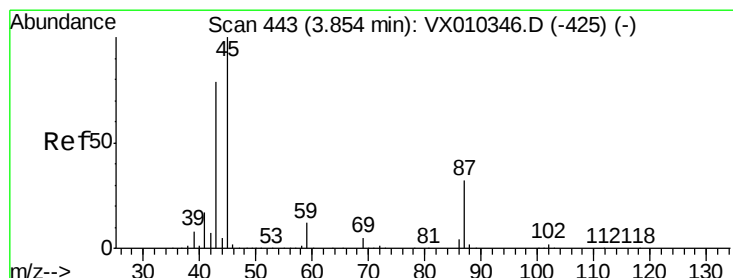
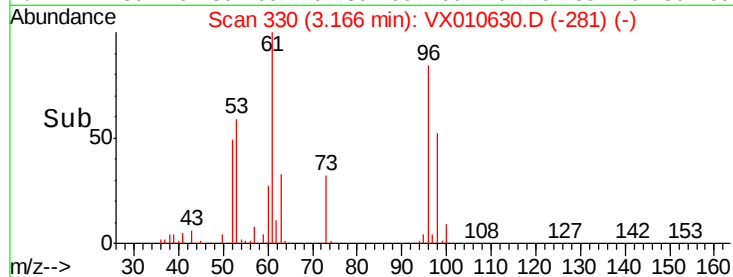
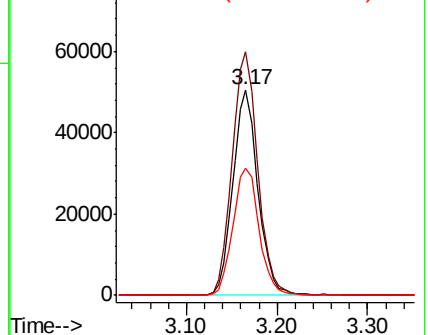


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.038 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Tgt Ion: 45 Resp: 295666

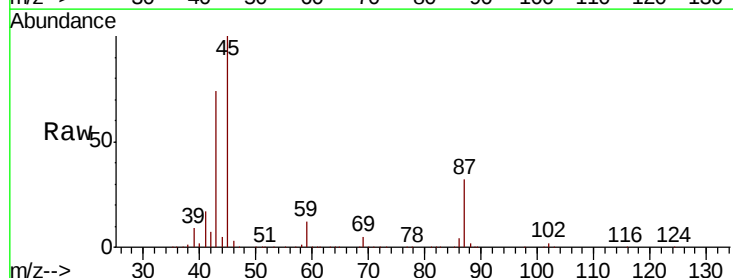
Ion Ratio Lower Upper

45 100

43 73.4 63.3 94.9

87 31.8 25.8 38.8

59 11.9 9.6 14.4



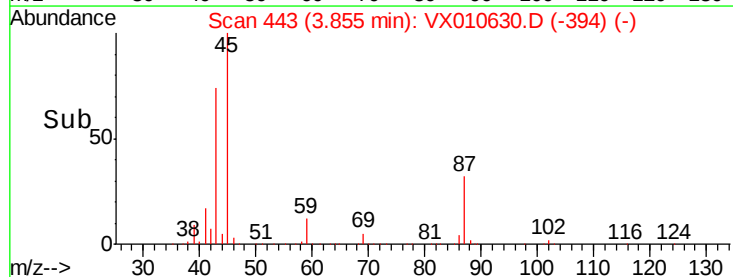
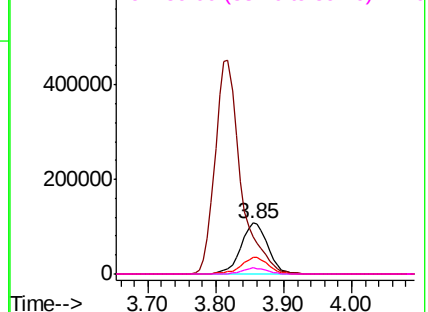
Abundance

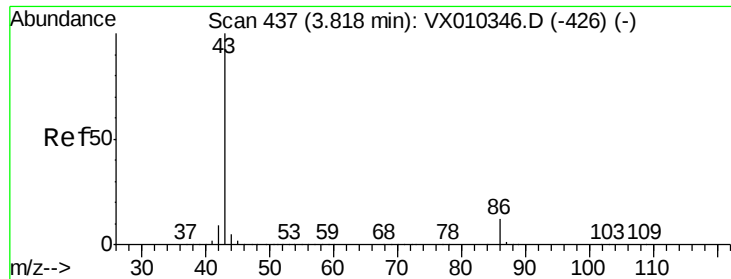
Ion 45.00 (44.70 to 45.70): VX0

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: 255.245 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

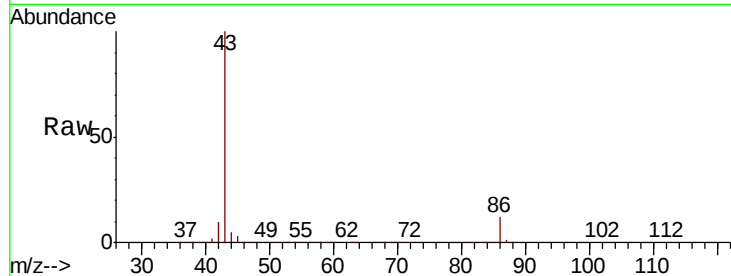
MWHR2-6-070119MSD

Tot Ion: 43 Resp: 1184544

Ion Ratio Lower Upper

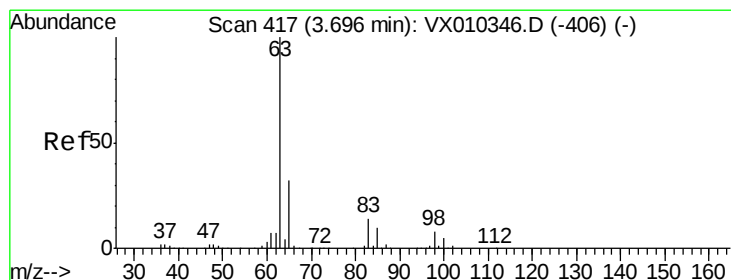
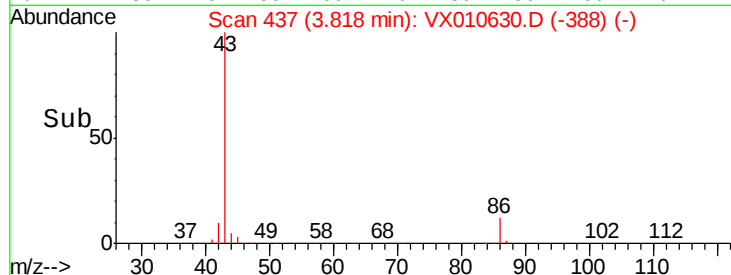
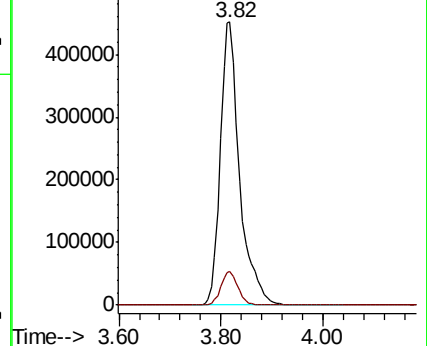
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.083 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

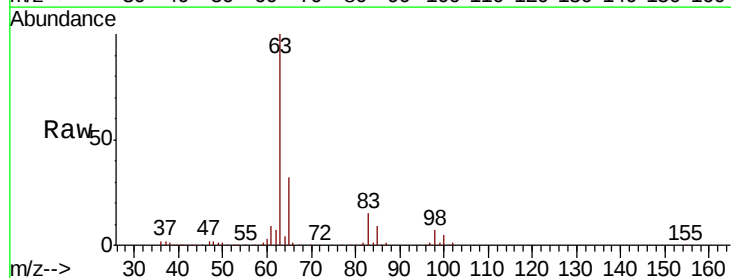
Tgt Ion: 63 Resp: 167940

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

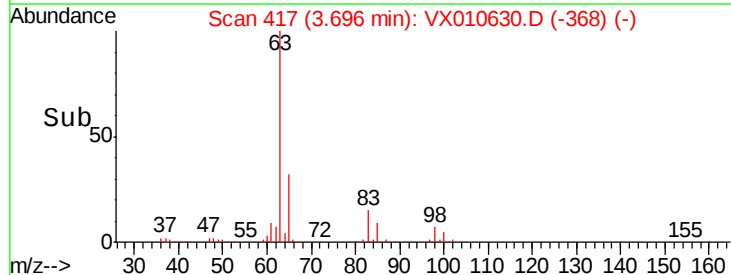
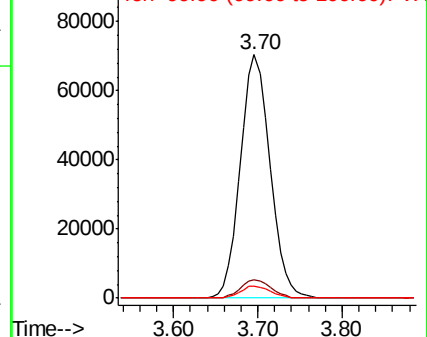
100 4.7 2.4 7.1

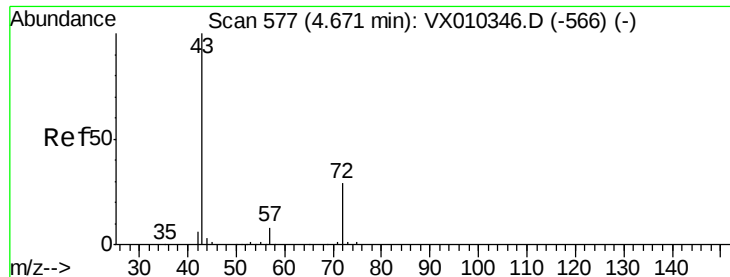


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.640 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

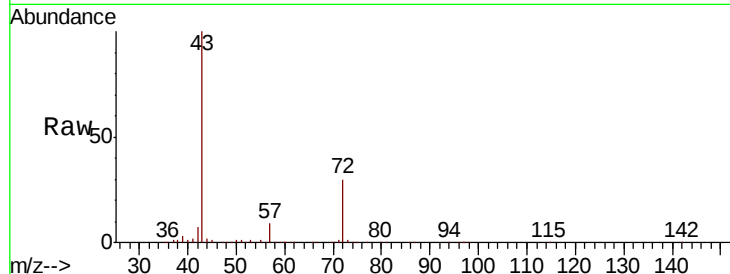
MWHR2-6-070119MSD

Tot Ion: 43 Resp: 380864

Ion Ratio Lower Upper

43 100

72 30.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

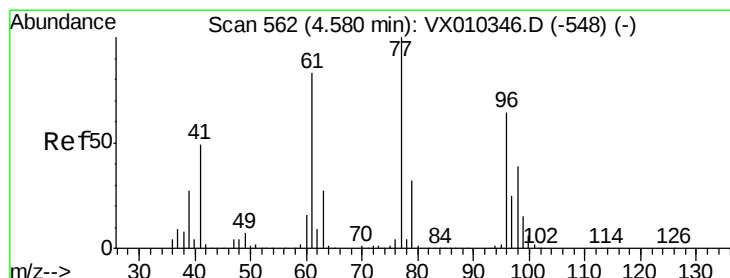
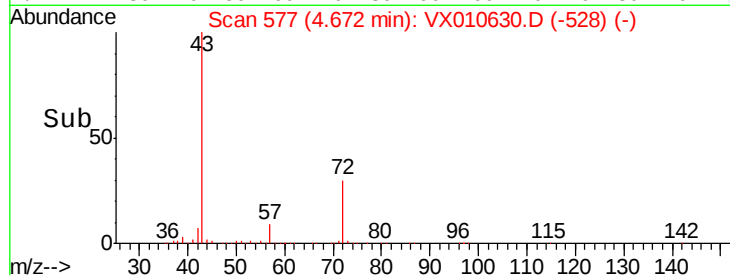
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.563 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010630.D

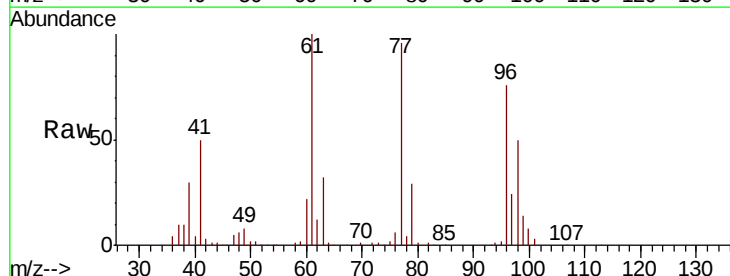
Acq: 02 Jul 2019 20:17

Tgt Ion: 77 Resp: 109417

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

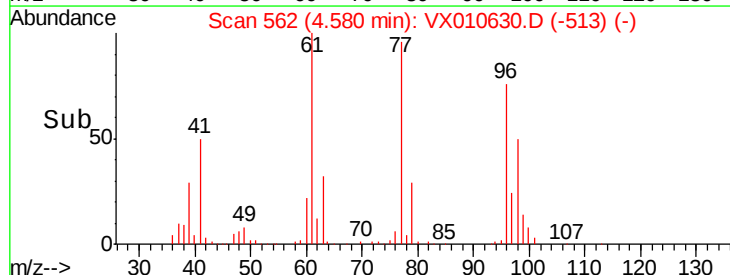
20000

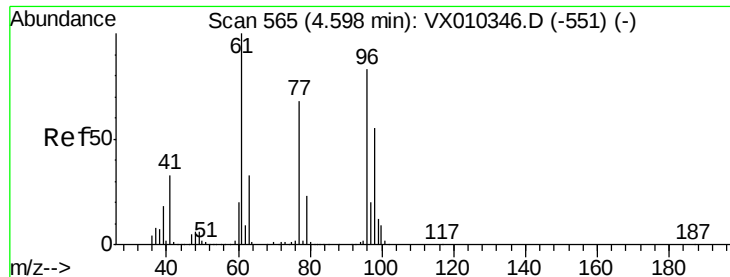
10000

0

4.40 4.50 4.60 4.70

Time-->



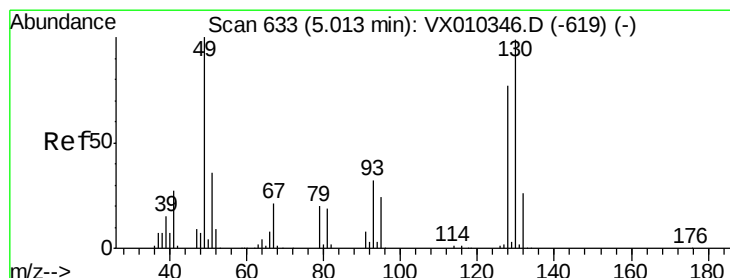
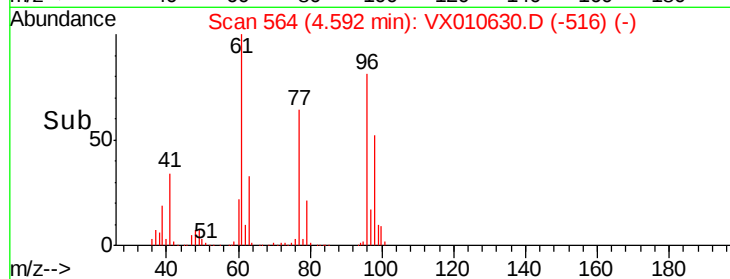
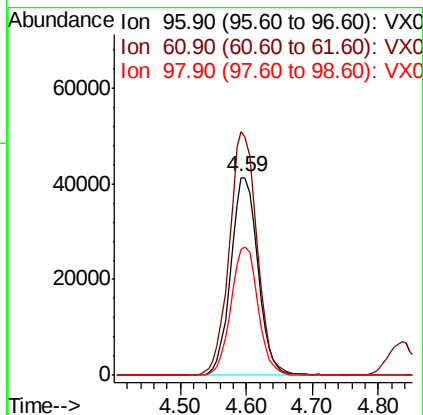
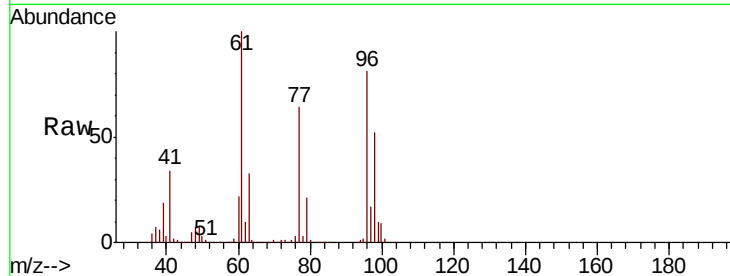


#27

cis-1,2-Dichloroethene
 Concen: 52.218 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

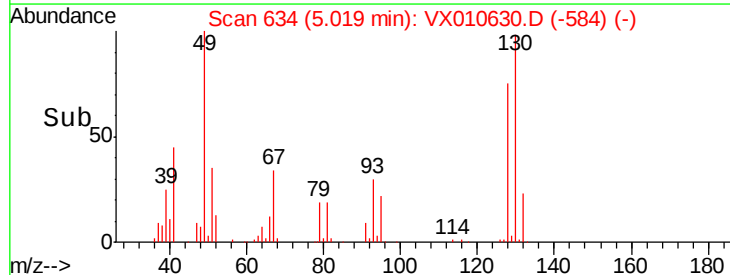
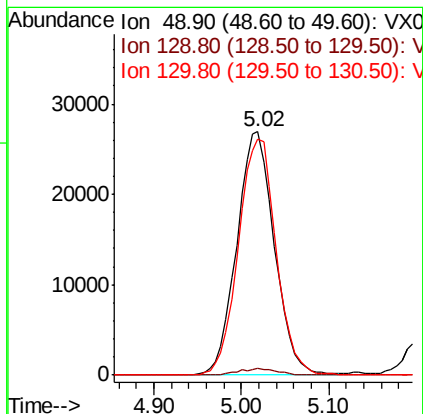
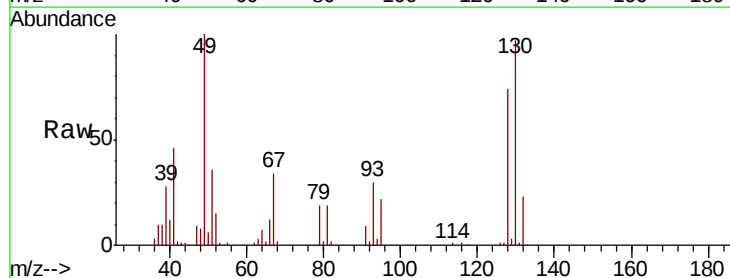
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	251.8
98	64.9	0.0	129.4

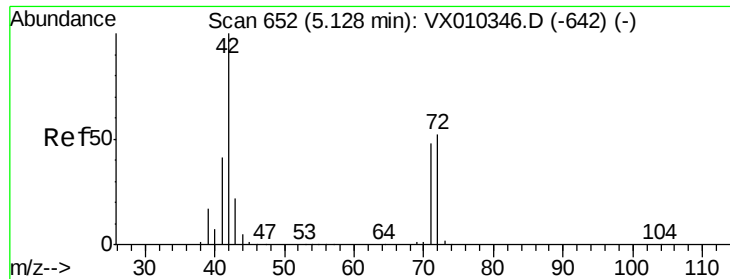


#28

Bromochloromethane
 Concen: 54.238 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	97.3	81.4	122.0

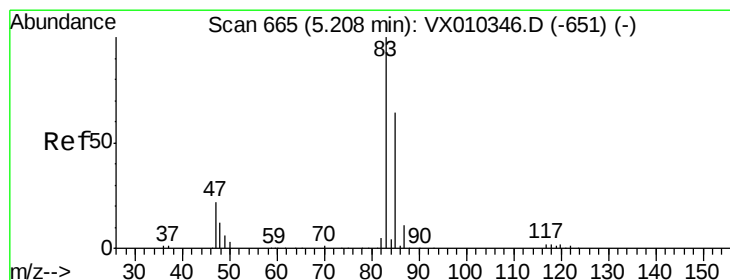
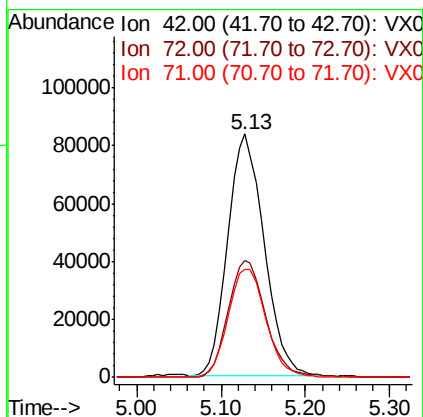
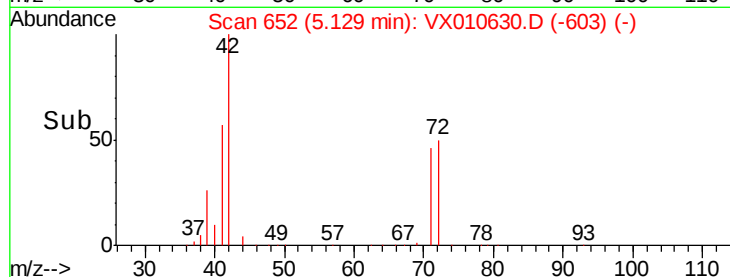
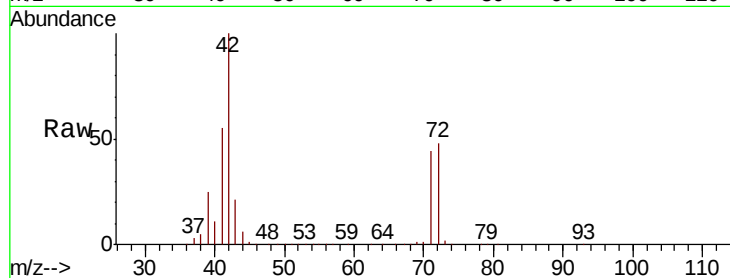




#29
Tetrahydrofuran
Concen: 276.803 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

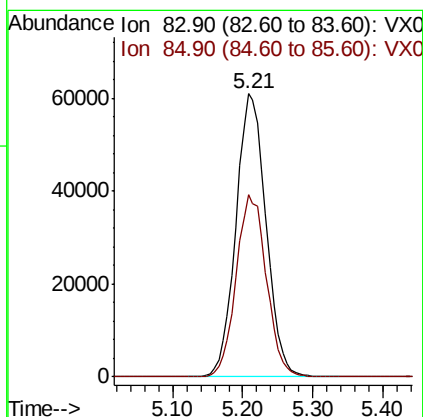
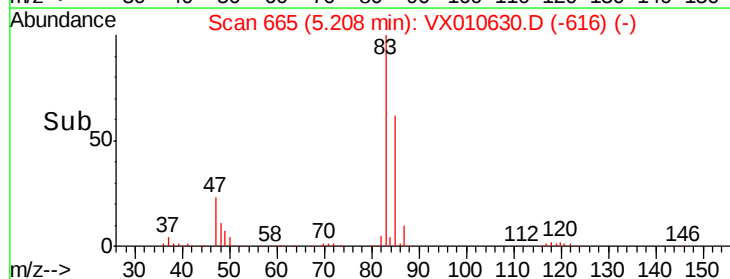
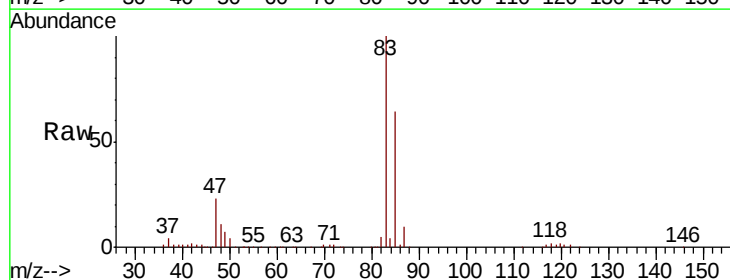
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

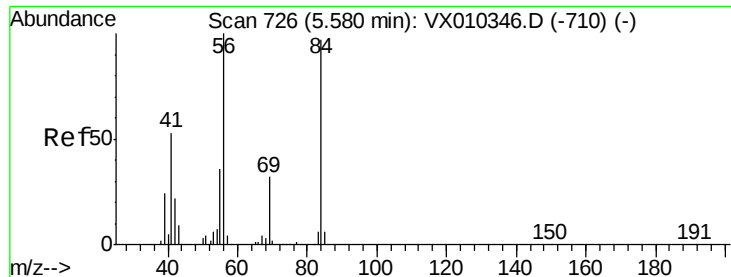
Tot Ion: 42 Resp: 246753
Ion Ratio Lower Upper
42 100
72 49.8 40.6 60.8
71 46.4 37.8 56.8



#30
Chloroform
Concen: 54.484 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion: 83 Resp: 182033
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31

Cyclohexane

Concen: 45.034 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

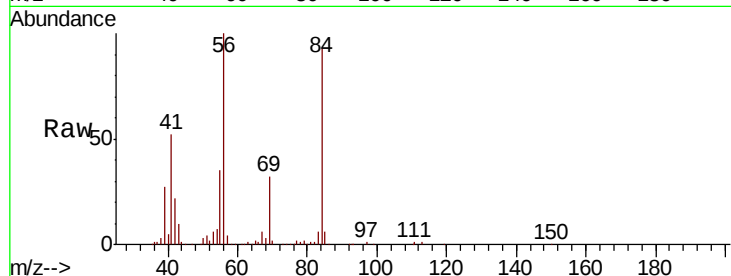
Tot Ion: 56 Resp: 127344

Ion Ratio Lower Upper

56 100

69 32.2 25.9 38.9

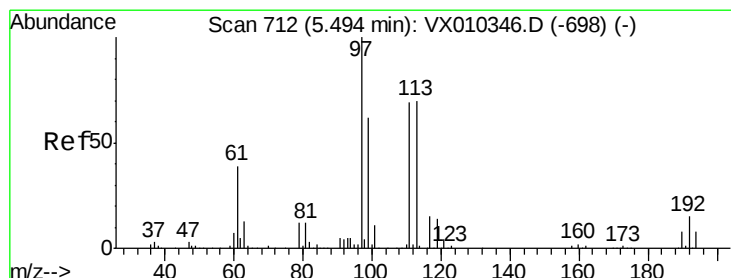
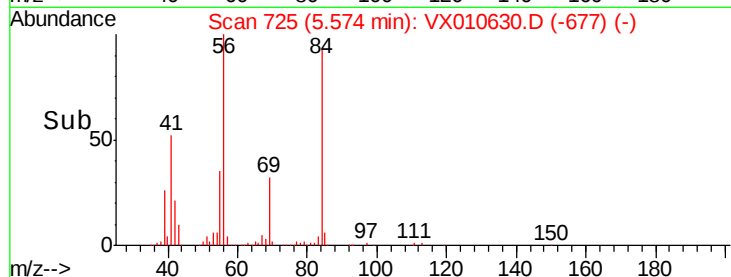
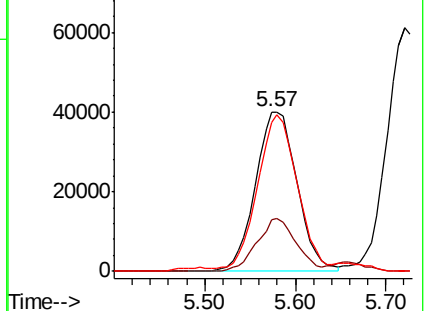
84 91.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.813 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

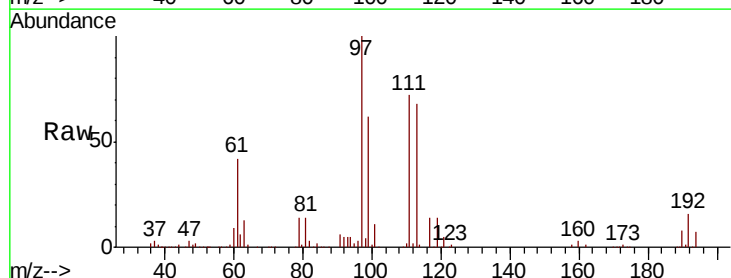
Tgt Ion: 97 Resp: 155804

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

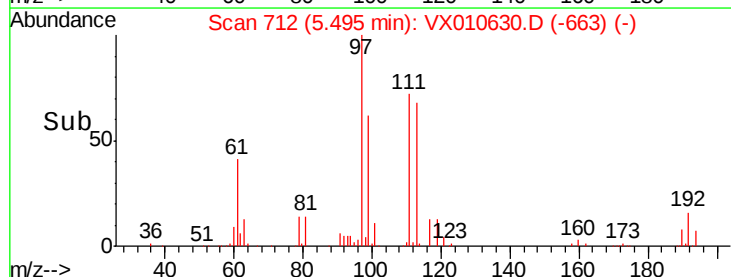
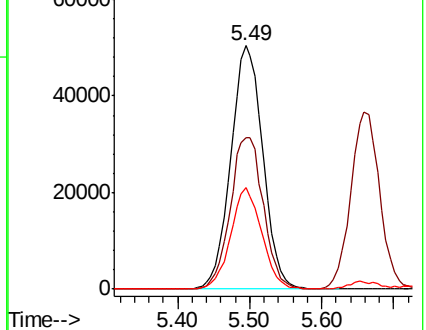
61 40.4 32.1 48.1

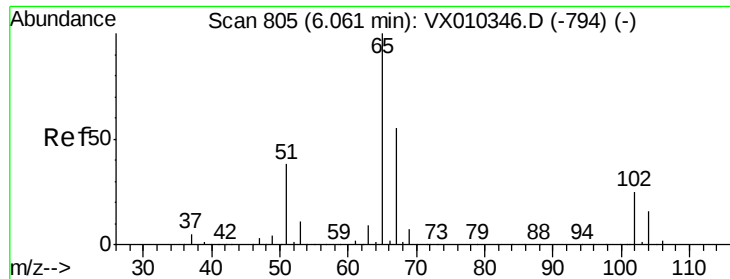


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.537 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

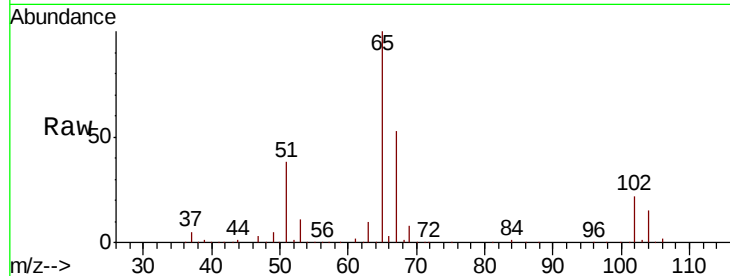
MWHR2-6-070119MSD

Tot Ion: 65 Resp: 108722

Ion Ratio Lower Upper

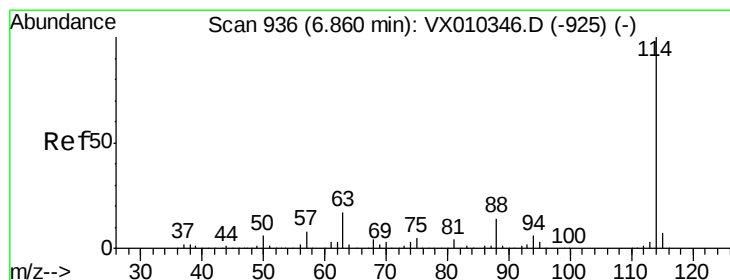
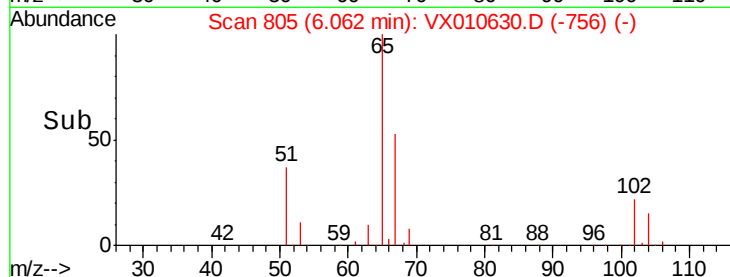
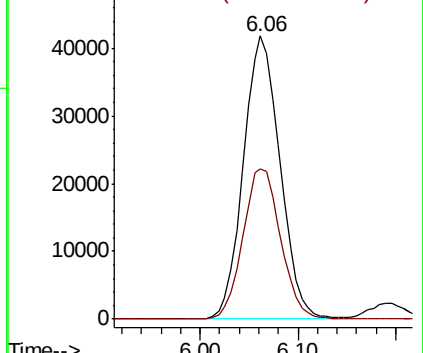
65 100

67 54.8 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

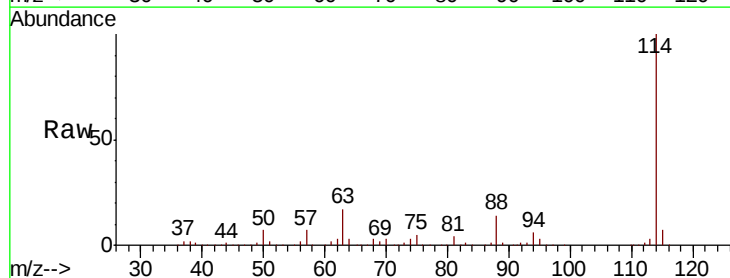
Tgt Ion: 114 Resp: 322632

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

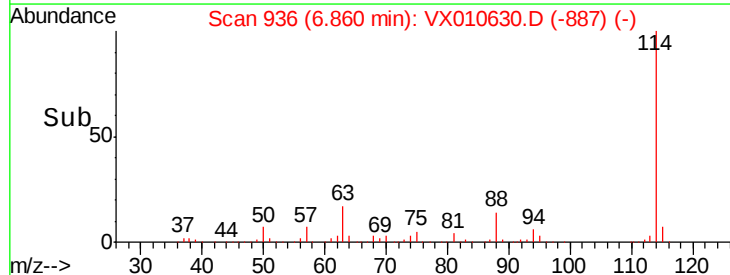
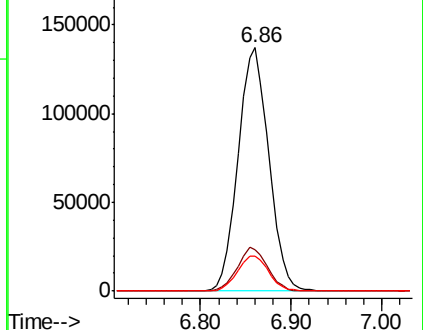
88 14.1 0.0 27.6

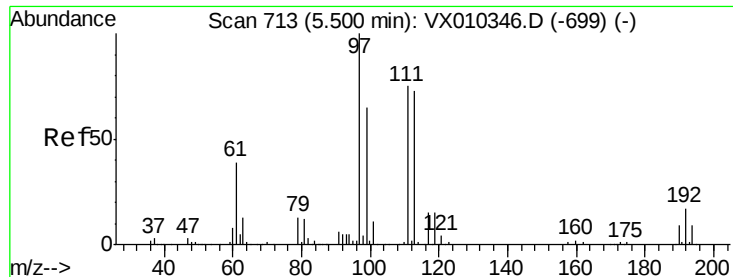


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

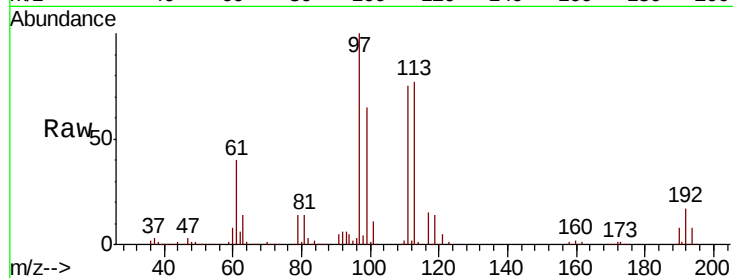




#35
Dibromofluoromethane
Concen: 52.539 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	22.7	18.6	27.8

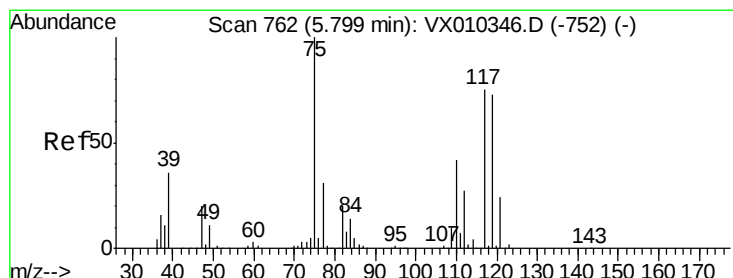
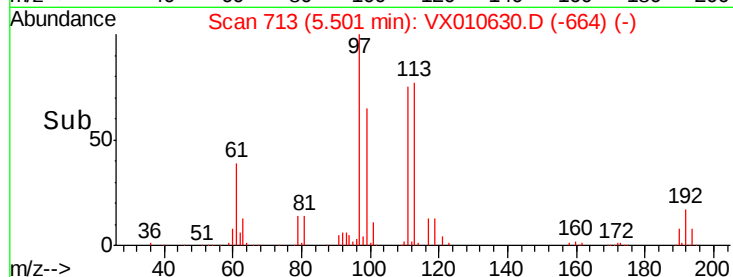
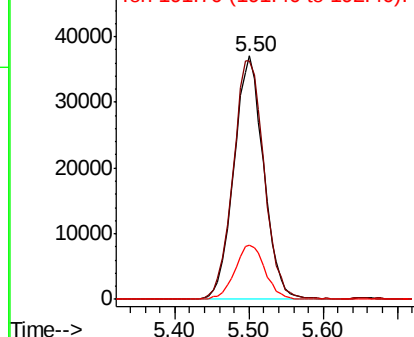


Abundance

Ion 112.80 (112.50 to 113.50): V

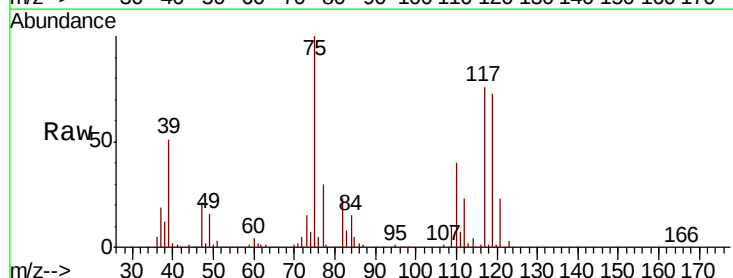
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 46.880 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.2	20.8	62.2
77	31.7	25.4	38.0

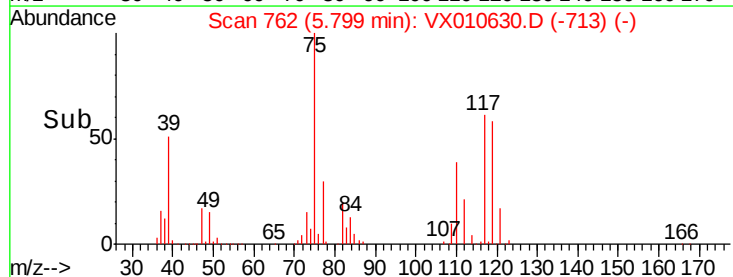
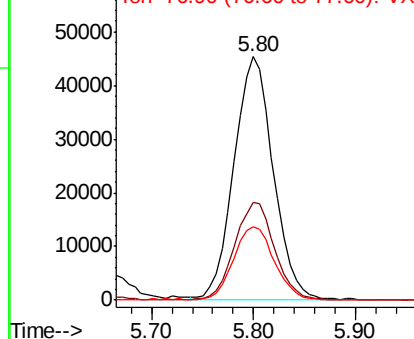


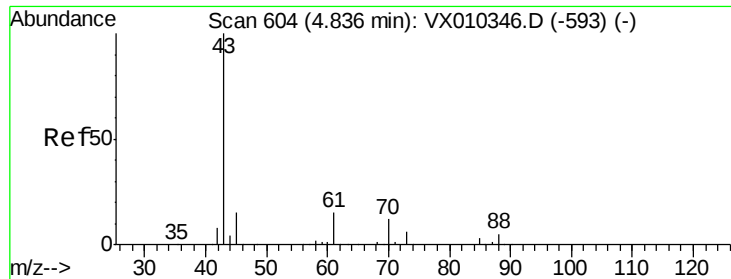
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.812 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

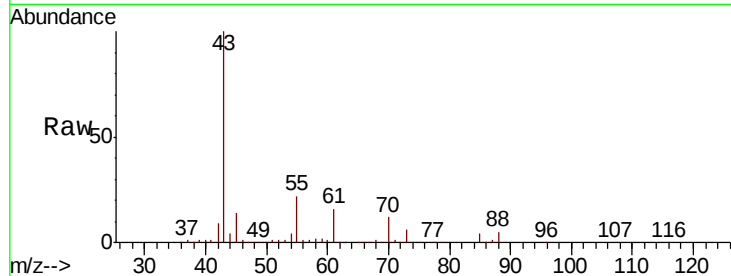
Tot Ion: 43 Resp: 131380

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

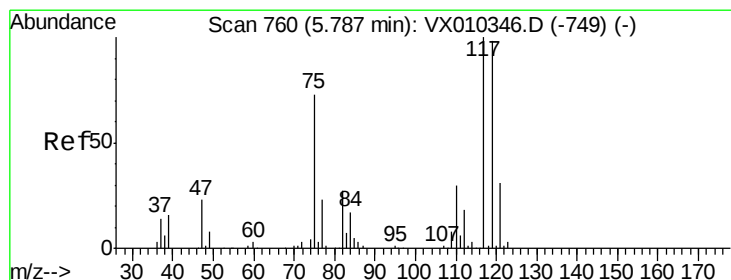
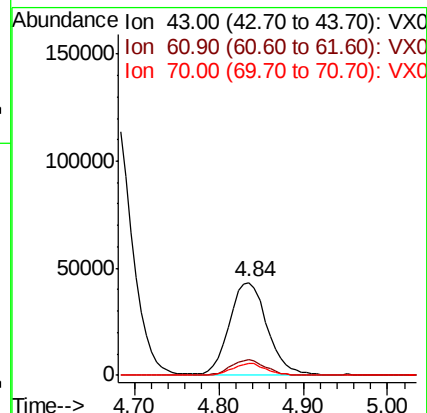
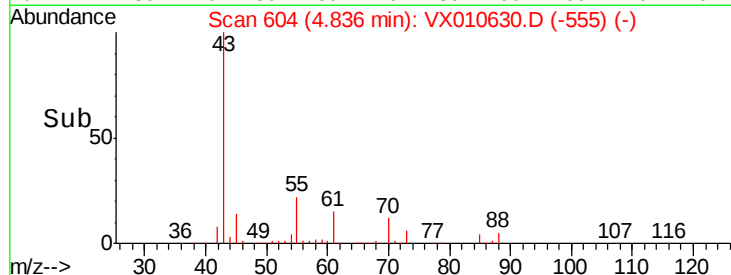
70 11.7 9.8 14.8



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: 48.328 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

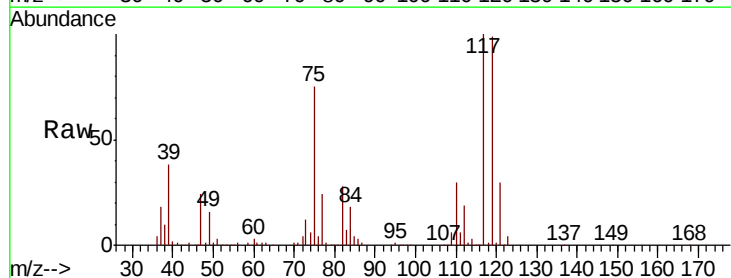
Tgt Ion: 117 Resp: 134171

Ion Ratio Lower Upper

117 100

119 98.5 78.2 117.4

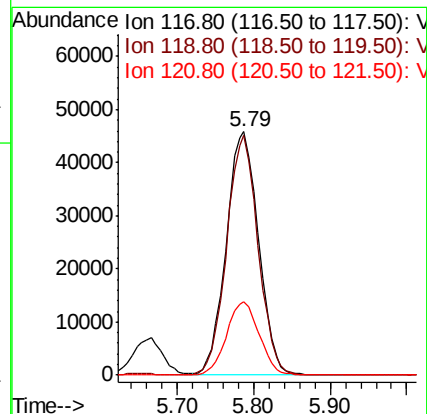
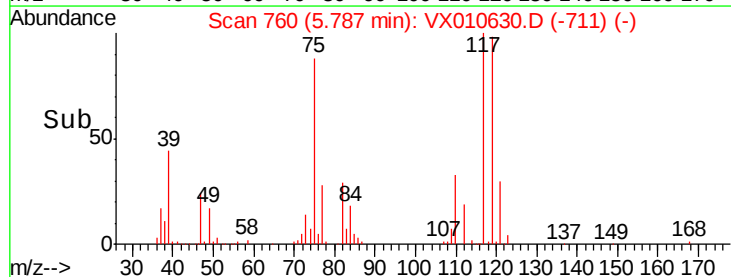
121 30.4 24.7 37.1



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

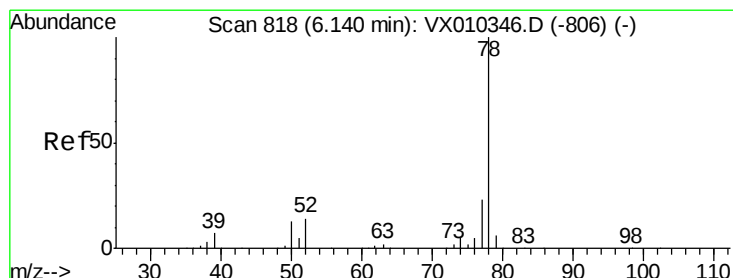
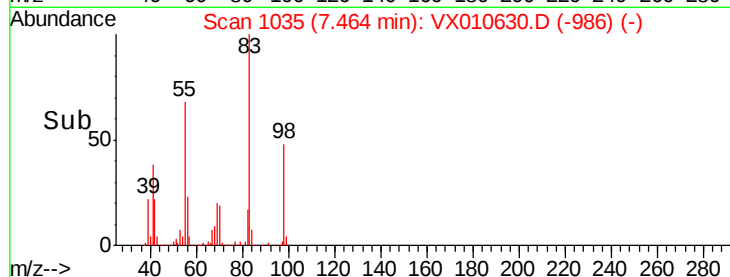
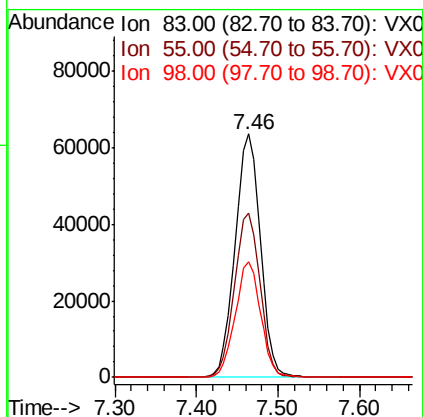
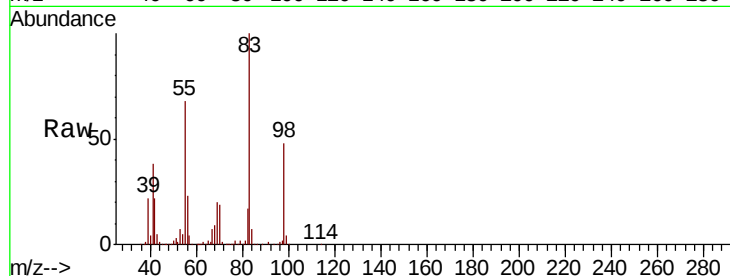




#39
Methvlcvclohexane
Concen: 40.315 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

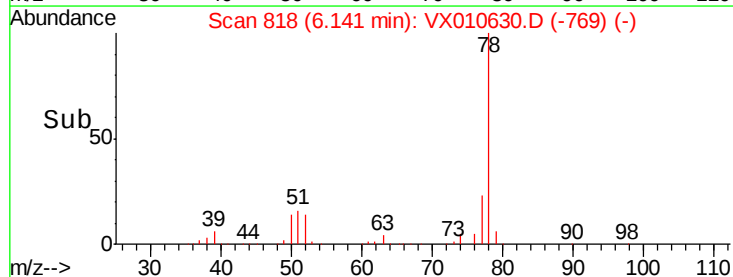
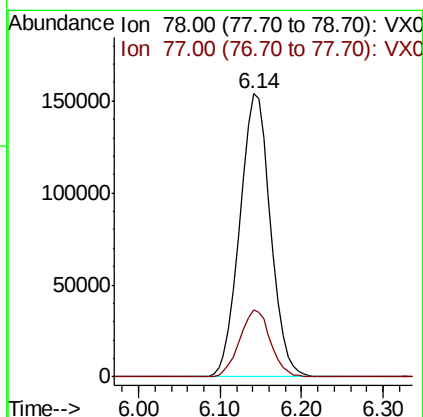
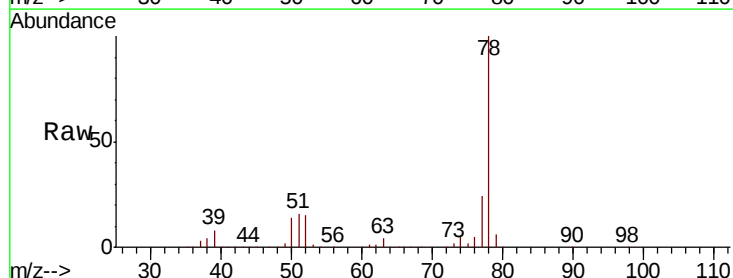
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

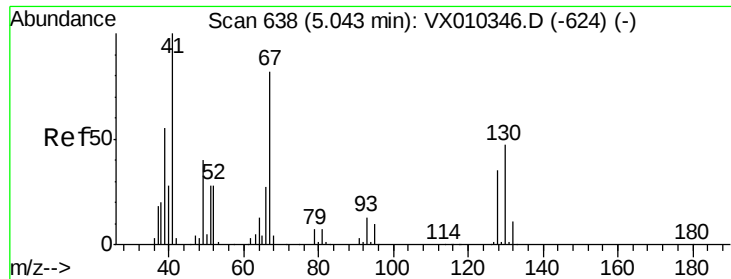
Tot Ion: 83 Resp: 135864
Ion Ratio Lower Upper
83 100
55 67.5 53.0 79.6
98 47.5 37.8 56.8



#40
Benzene
Concen: 50.413 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion: 78 Resp: 402673
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

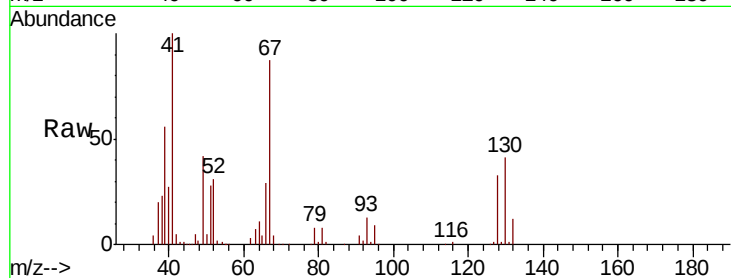




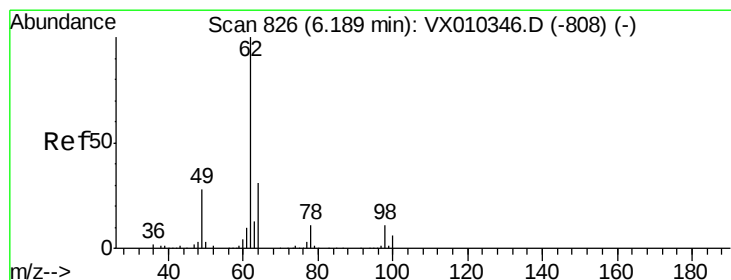
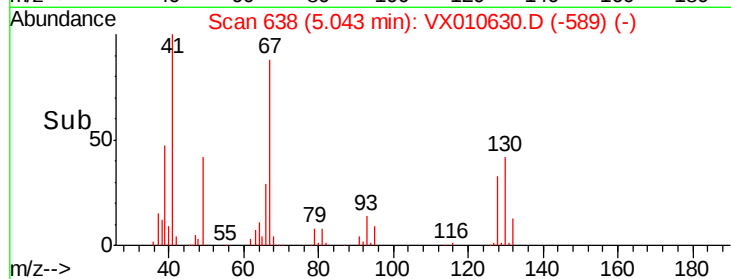
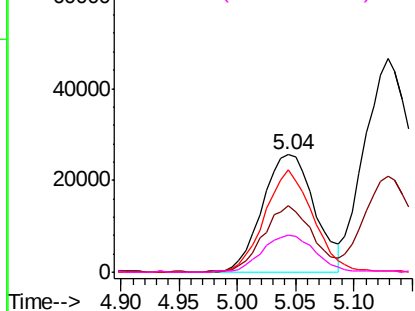
#41
Methacrylonitrile
Concen: 54.819 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MSD

Tot Ion:	41	Resp:	79332
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.8	65.8
67	81.5	66.6	100.0
52	31.5	24.5	36.7

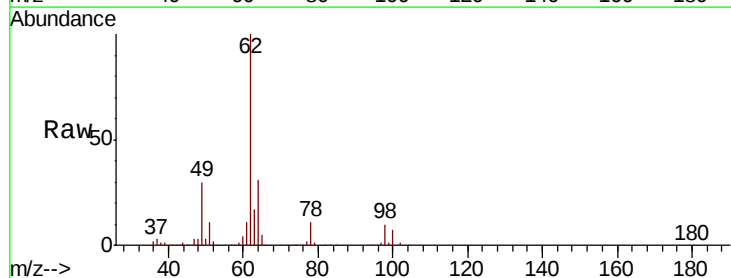


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

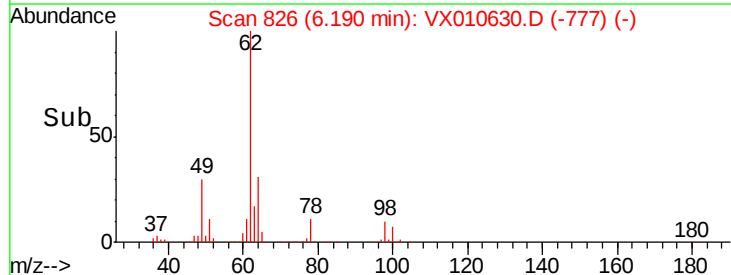
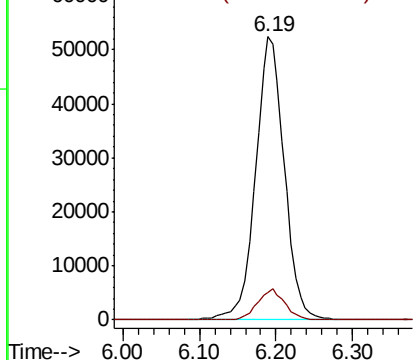


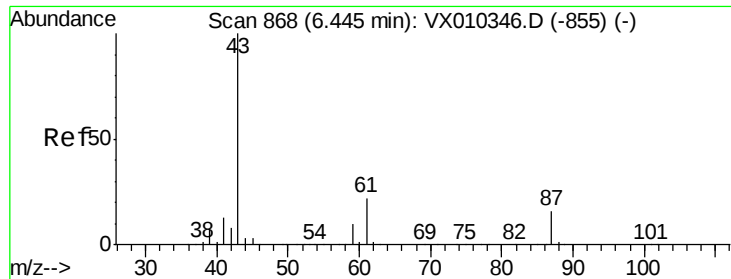
#42
1,2-Dichloroethane
Concen: 56.355 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:	62	Resp:	137022
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.153 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

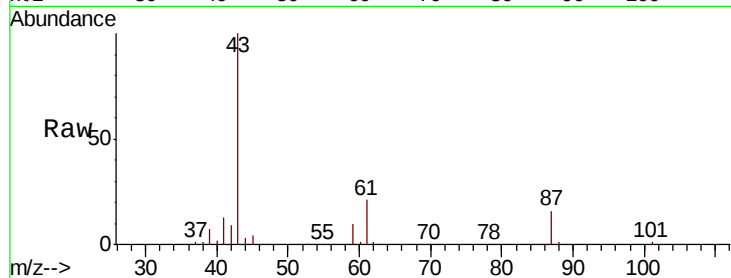
Tot Ion: 43 Resp: 223219

Ion Ratio Lower Upper

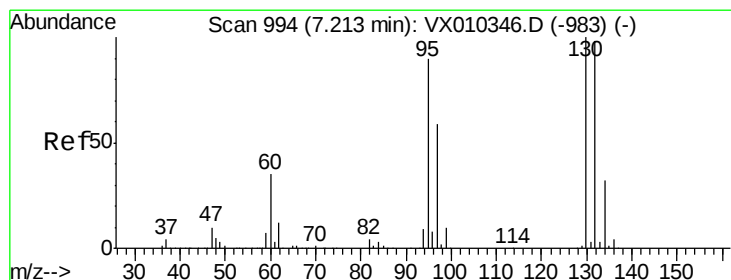
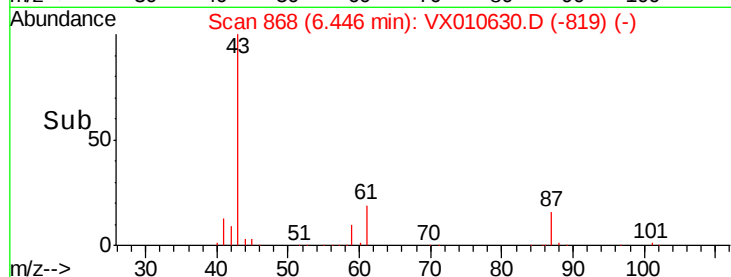
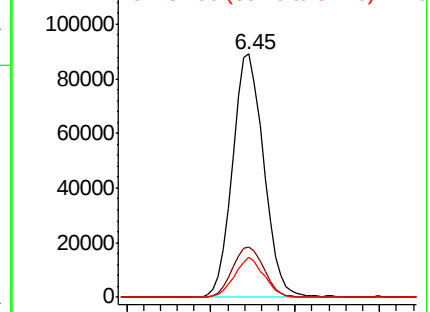
43 100

61 21.3 17.8 26.6

87 15.6 13.0 19.4



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: 47.768 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010630.D

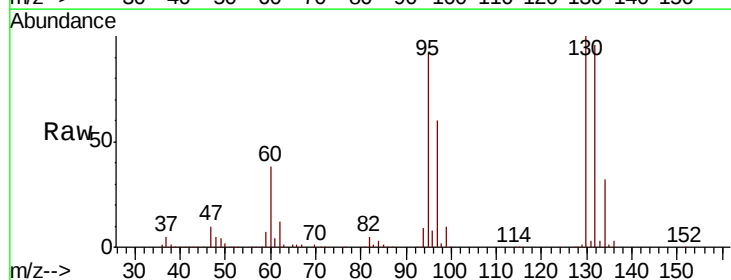
Acq: 02 Jul 2019 20:17

Tgt Ion:130 Resp: 114168

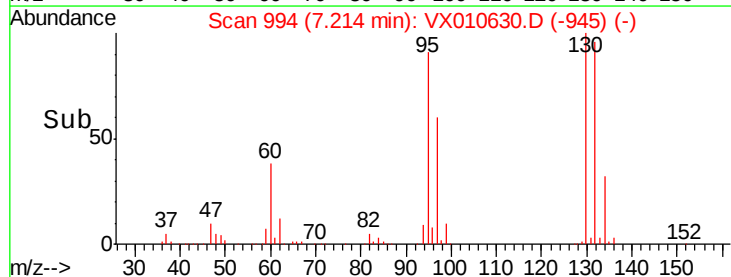
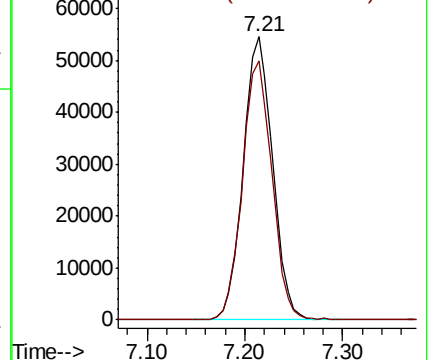
Ion Ratio Lower Upper

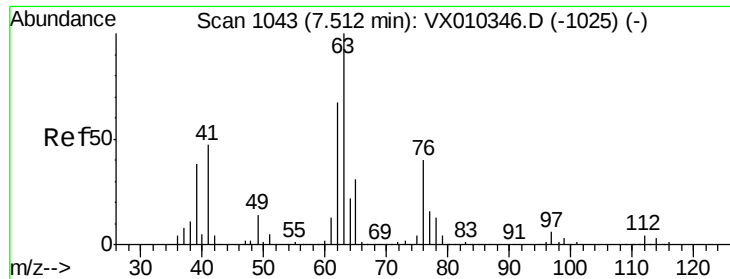
130 100

95 91.6 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 51.411 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

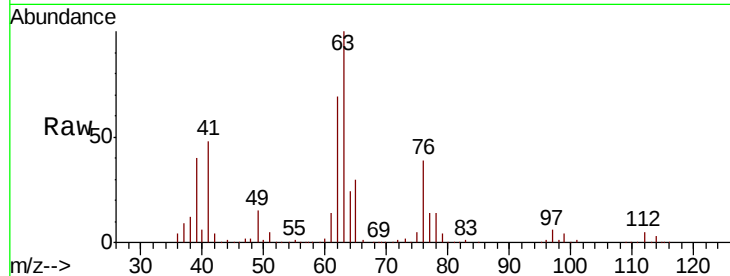
MWHR2-6-070119MSD

Tot Ion: 63 Resp: 103699

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

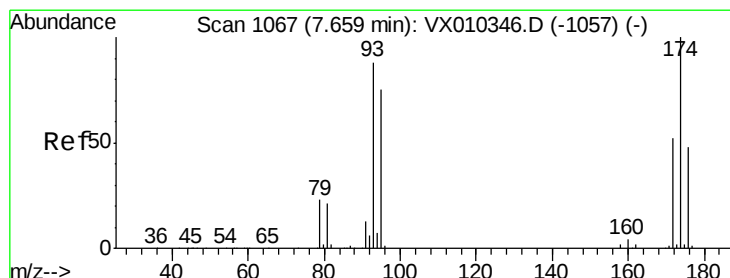
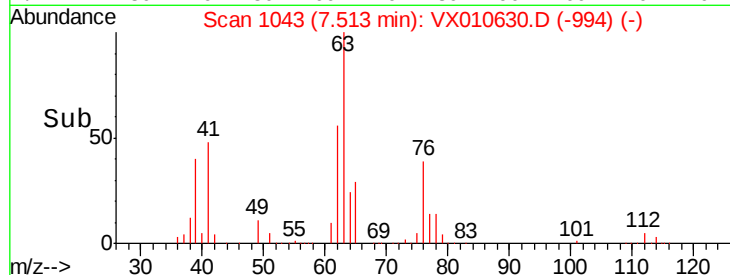
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 53.564 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

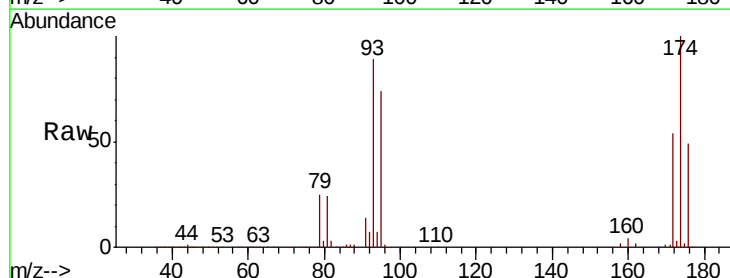
Tgt Ion: 93 Resp: 77517

Ion Ratio Lower Upper

93 100

95 82.1 67.5 101.3

174 114.2 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

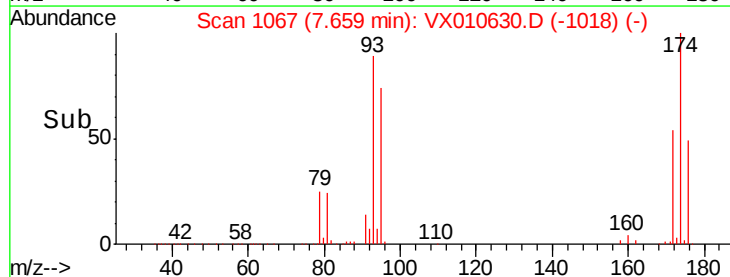
20000

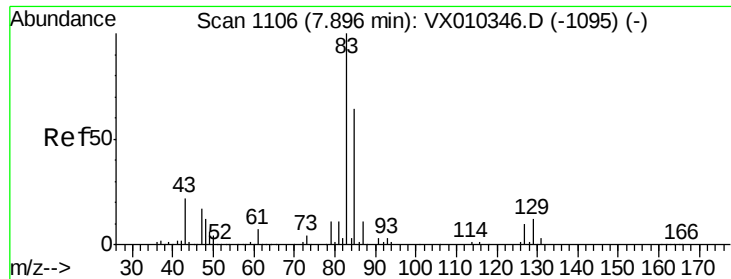
10000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 52.838 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

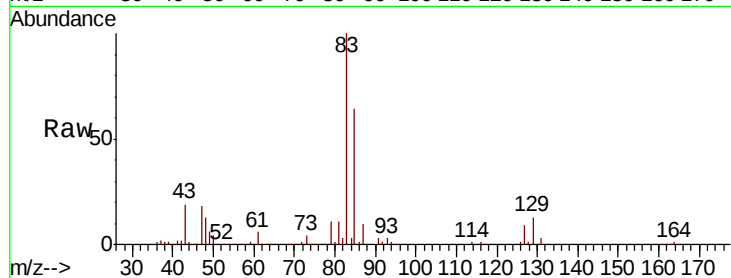
Tot Ion: 83 Resp: 140135

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

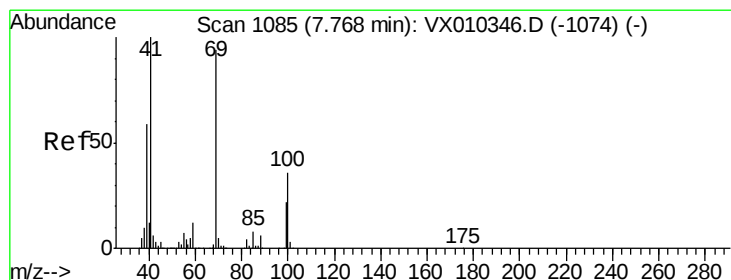
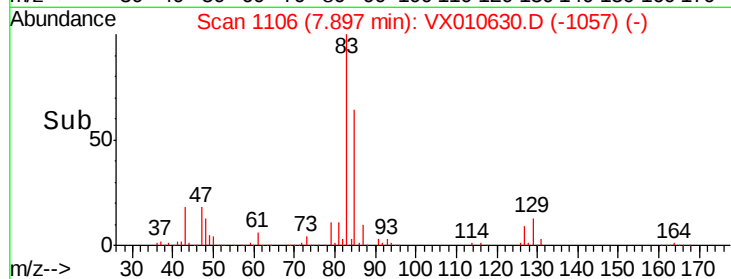
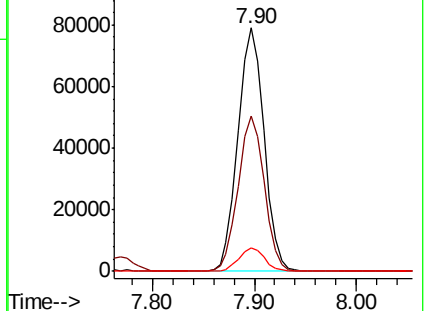
127 9.4 7.8 11.8



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: 56.056 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

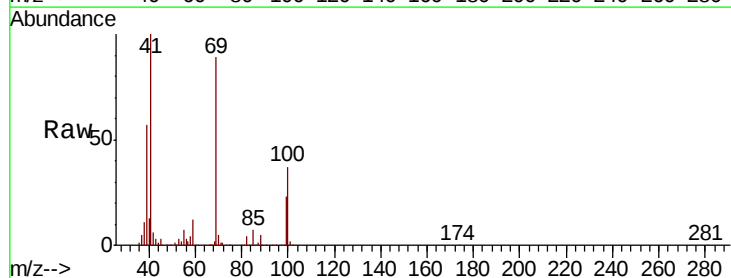
Tgt Ion: 41 Resp: 113702

Ion Ratio Lower Upper

41 100

69 91.5 76.1 114.1

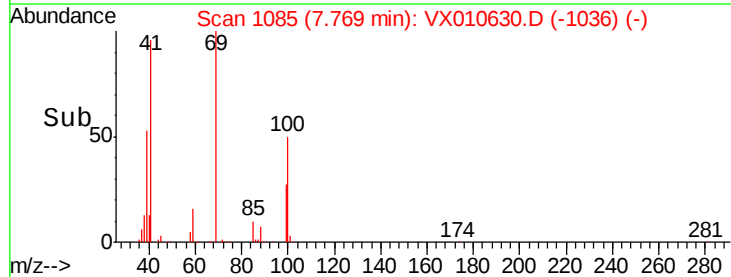
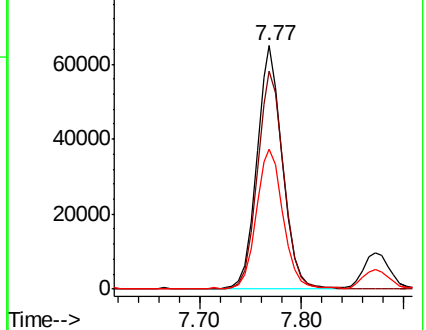
39 59.1 47.6 71.4

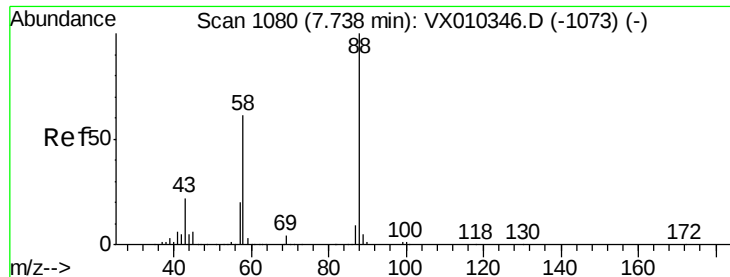


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 961.915 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

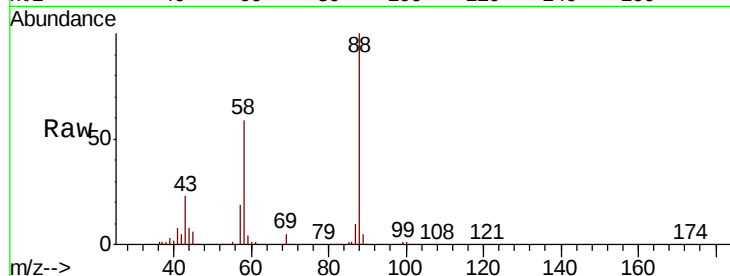
MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

Tot Ion: 88 Resp: 56206

Ion	Ratio	Lower	Upper
88	100		
43	26.3	20.2	30.2
58	62.0	49.5	74.3

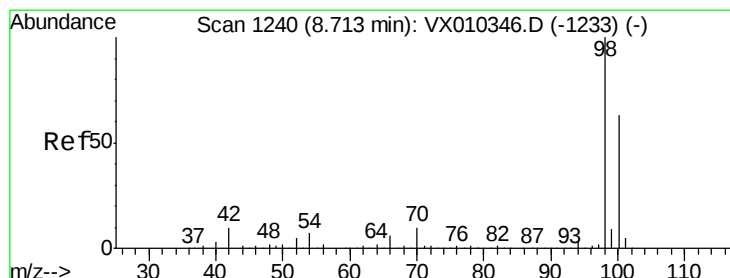
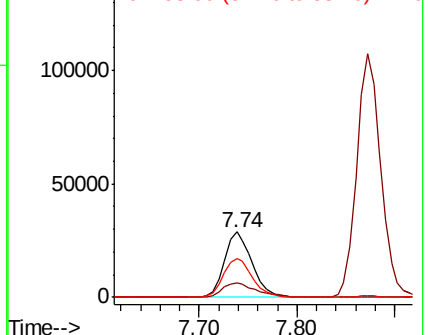
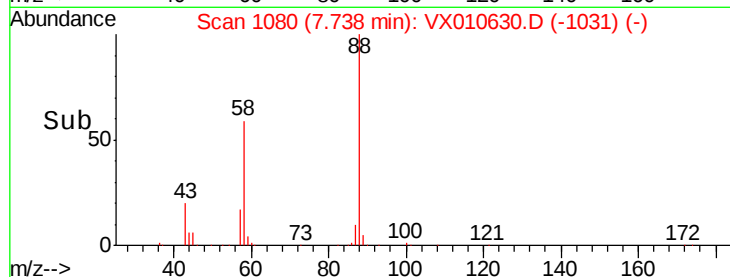


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.592 ug/l

RT: 8.71 min Scan# 1240

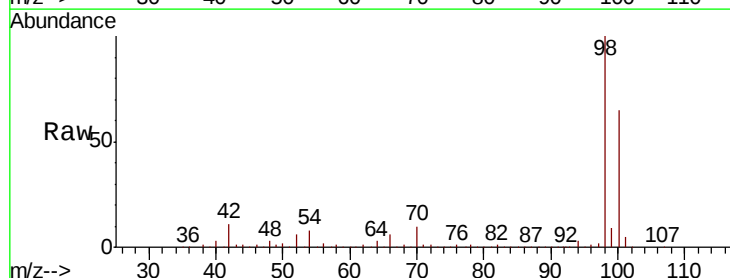
Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Tgt Ion: 98 Resp: 374522

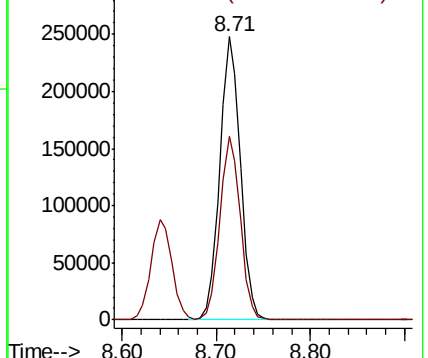
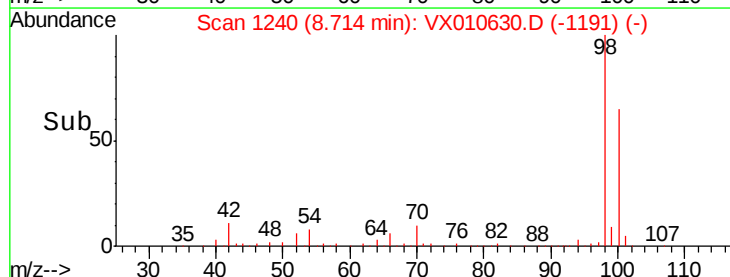
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

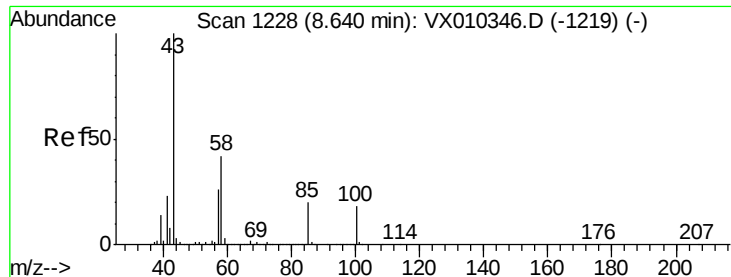


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 280.632 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

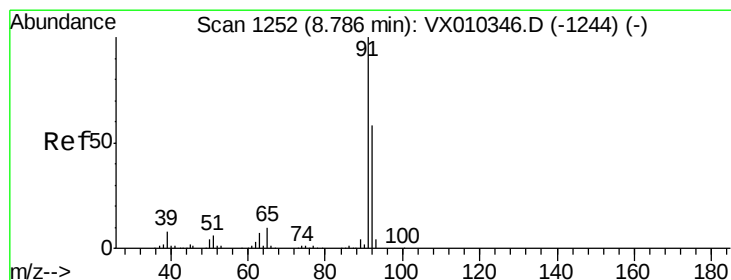
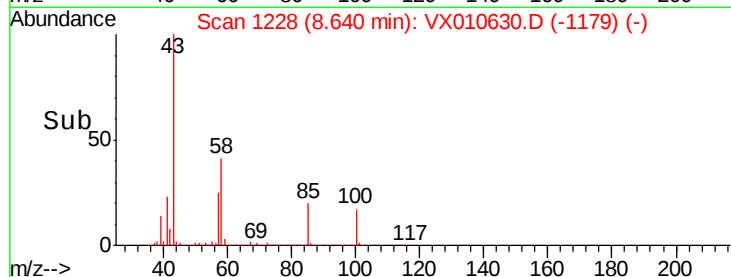
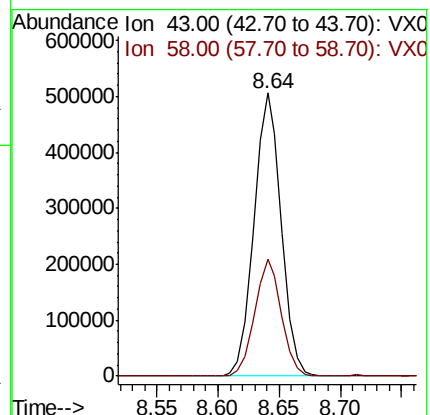
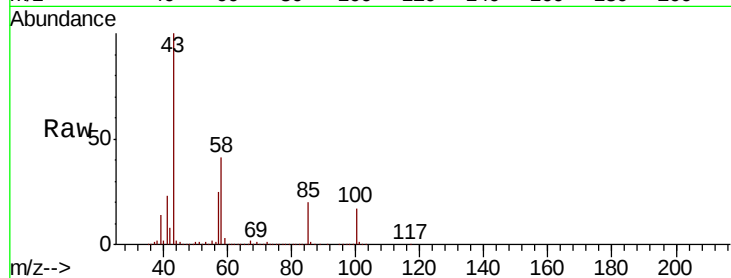
MWHR2-6-070119MSD

Tot Ion: 43 Resp: 783216

Ion Ratio Lower Upper

43 100

58 40.3 33.5 50.3



#52

Toluene

Concen: 50.005 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010630.D

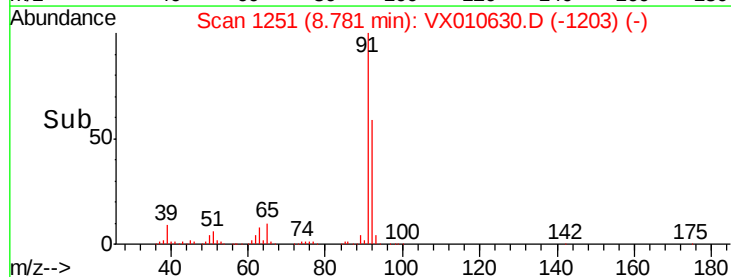
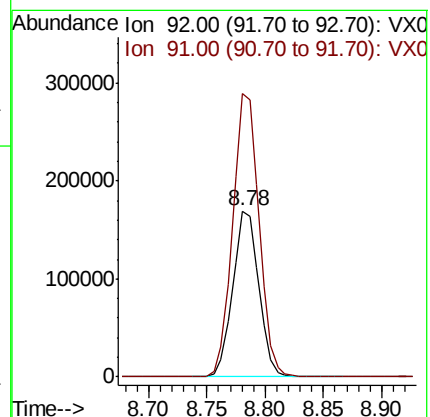
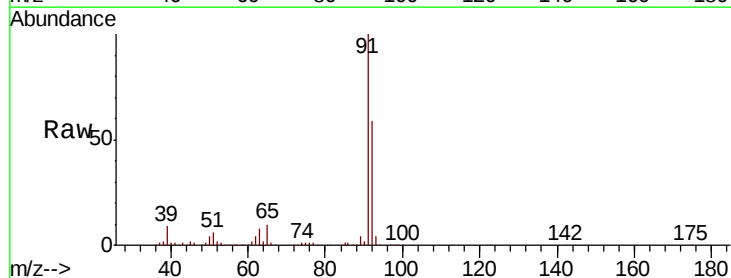
Acq: 02 Jul 2019 20:17

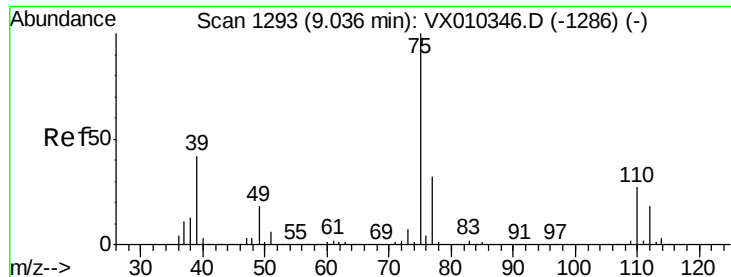
Tgt Ion: 92 Resp: 263031

Ion Ratio Lower Upper

92 100

91 173.4 139.8 209.6

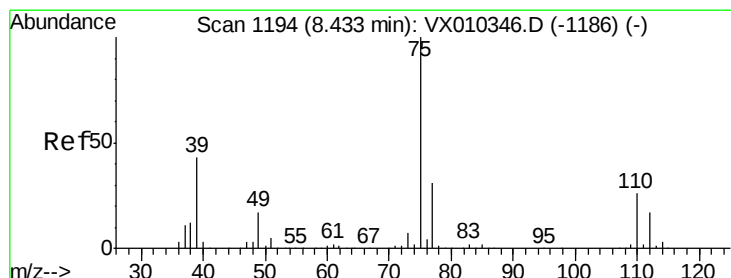
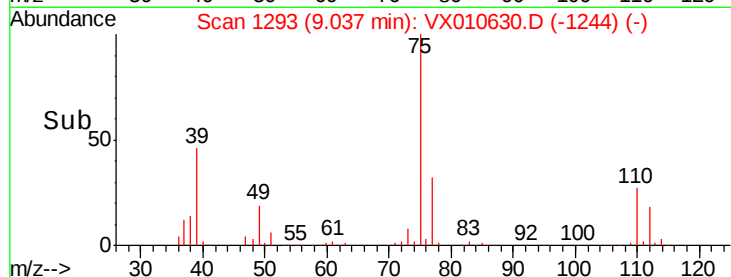
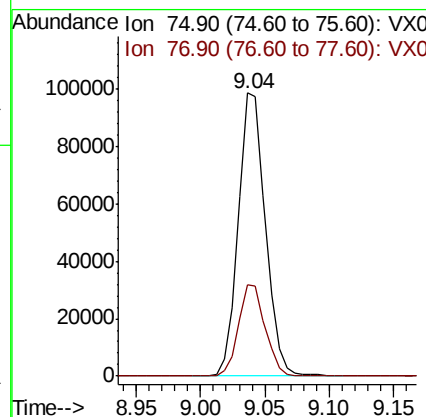
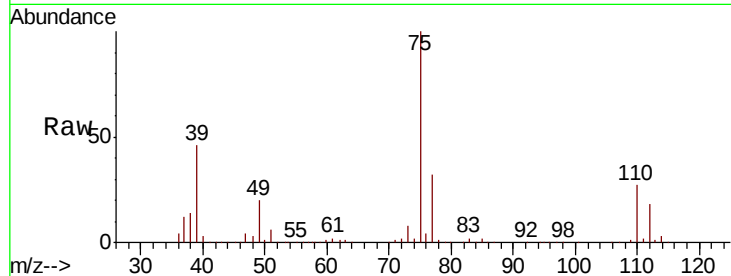




#53
 t-1,3-Dichloropropene
 Concen: 48.711 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

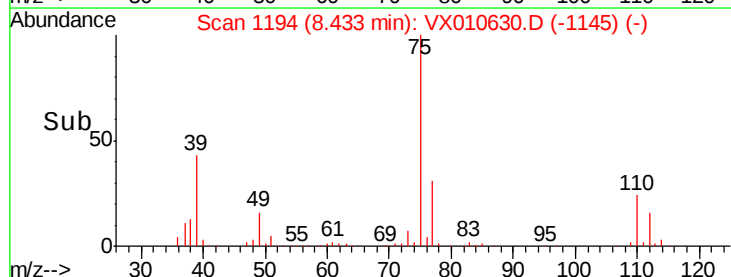
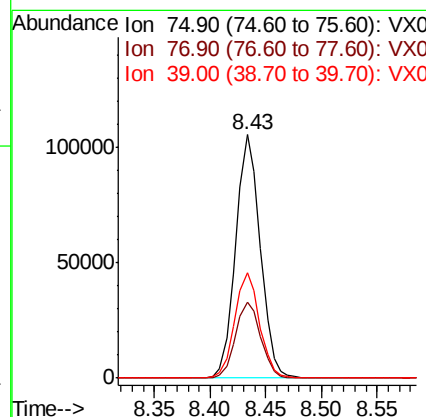
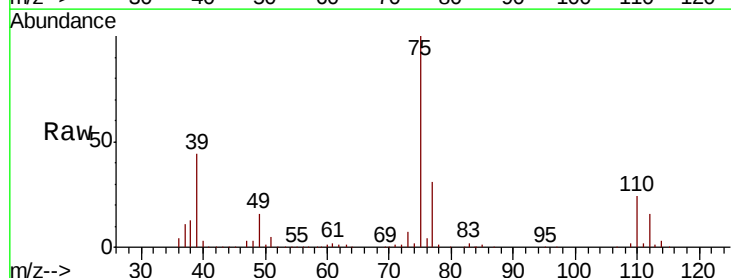
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

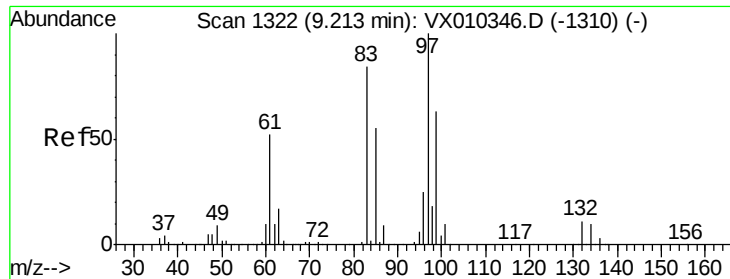
Tot Ion: 75 Resp: 144839
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.090 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 75 Resp: 161855
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 43.3 34.5 51.7



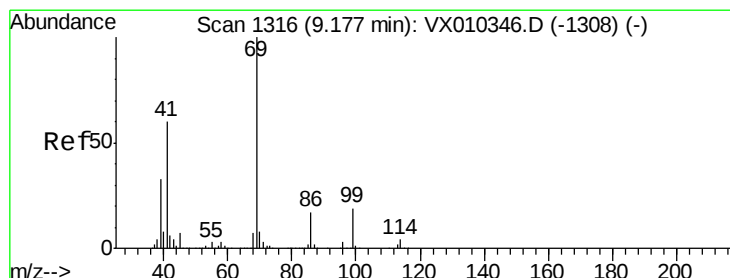
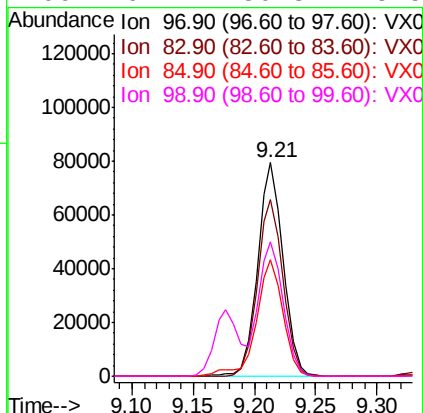
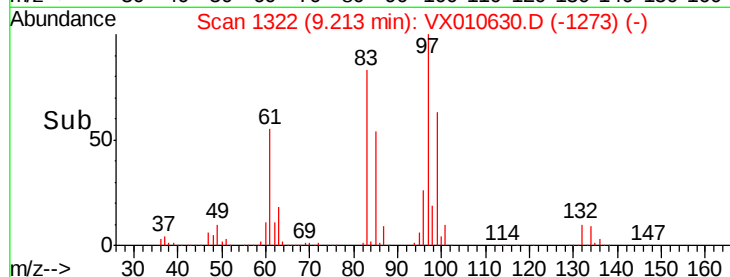
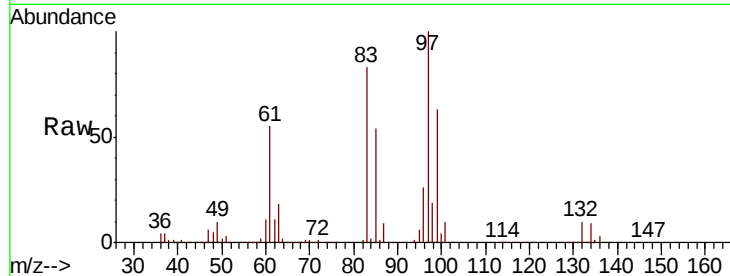


#55
 1,1,2-Trichloroethane
 Concen: 53.078 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

Tot Ion: 97 Resp: 115146

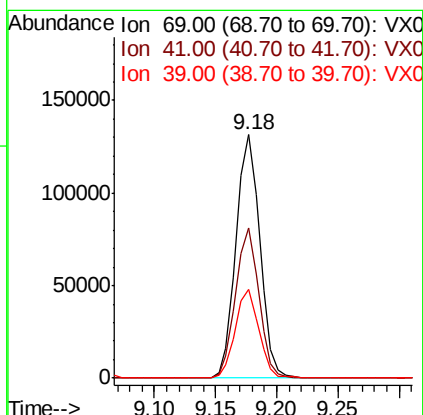
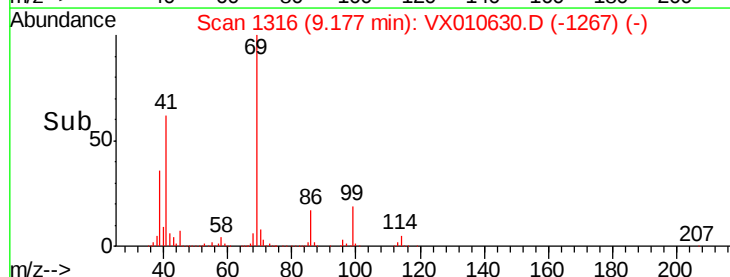
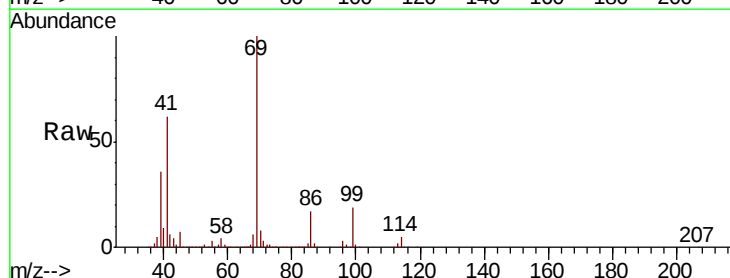
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.0
85	54.4	43.8	65.8
99	62.7	50.3	75.5

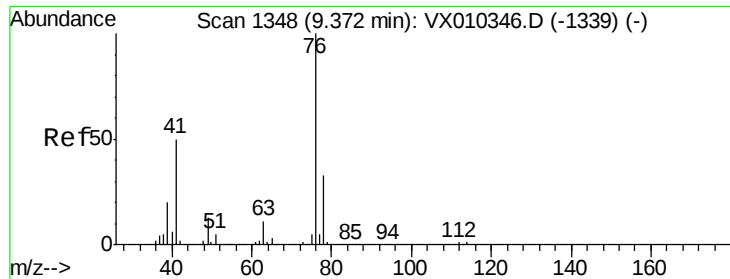


#56
 Ethyl methacrylate
 Concen: 53.941 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 69 Resp: 177266

Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.1	70.7
39	36.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 53.300 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

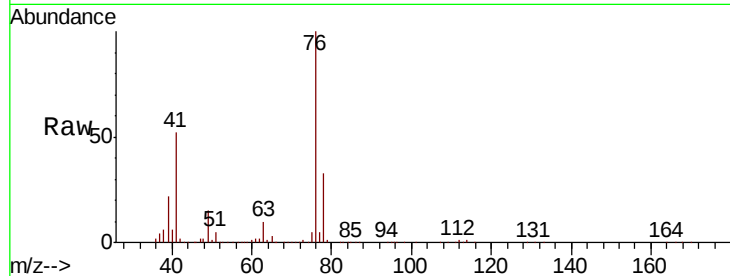
MWHR2-6-070119MSD

Tot Ion: 76 Resp: 179486

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

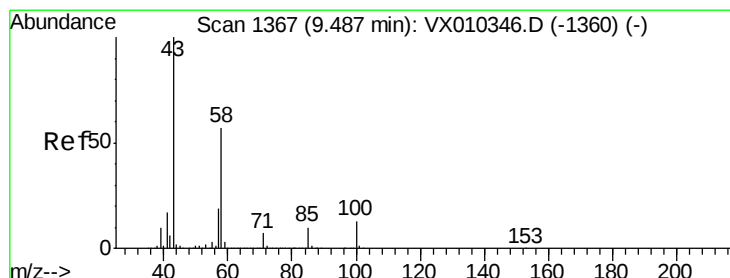
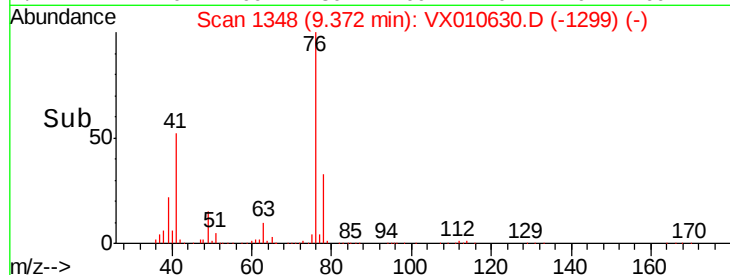
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 273.009 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010630.D

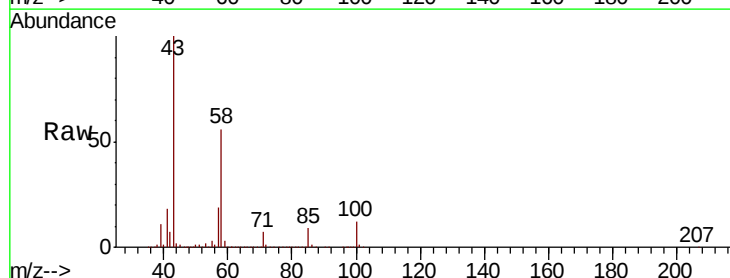
Acq: 02 Jul 2019 20:17

Tgt Ion: 43 Resp: 599675

Ion Ratio Lower Upper

43 100

58 56.5 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

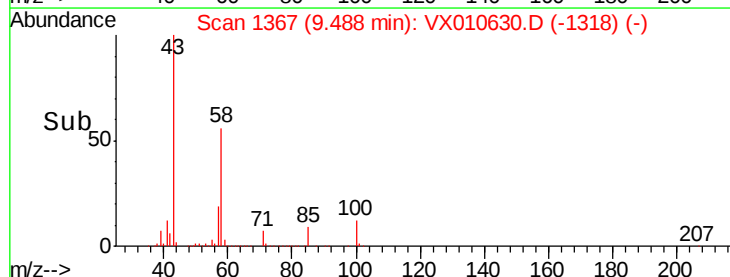
200000

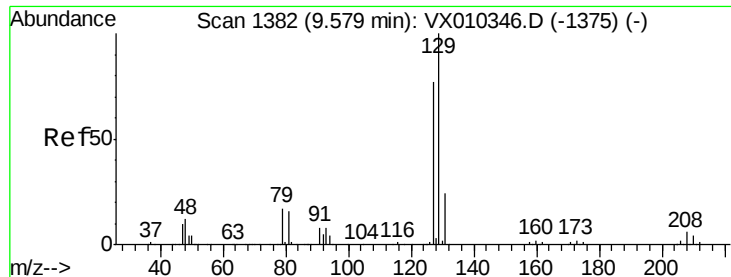
100000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 51.588 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

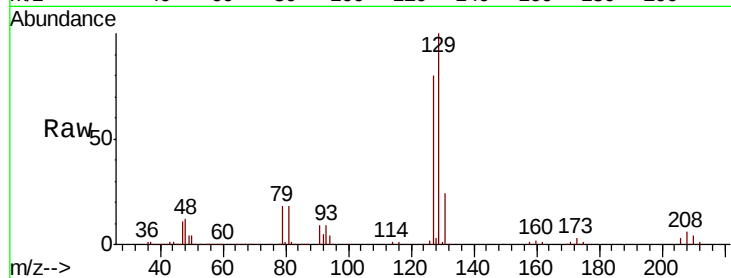
MWHR2-6-070119MSD

Tot Ion:129 Resp: 125306

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

80000

60000

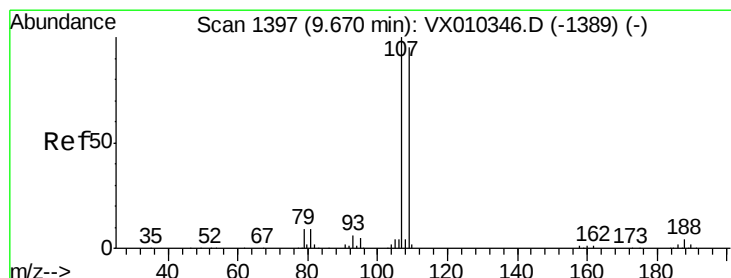
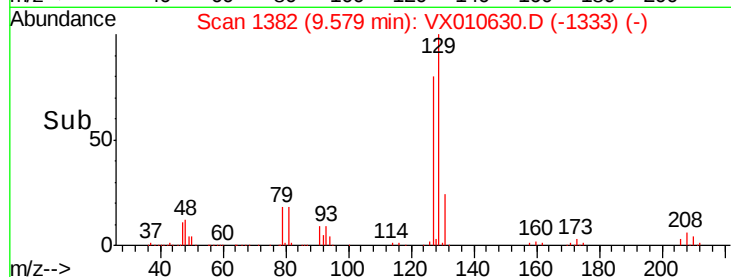
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.746 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010630.D

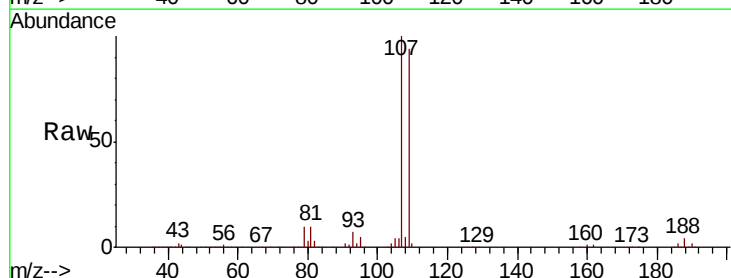
Acq: 02 Jul 2019 20:17

Tgt Ion:107 Resp: 123508

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

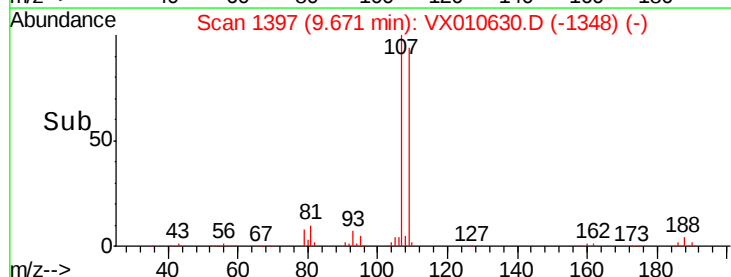
40000

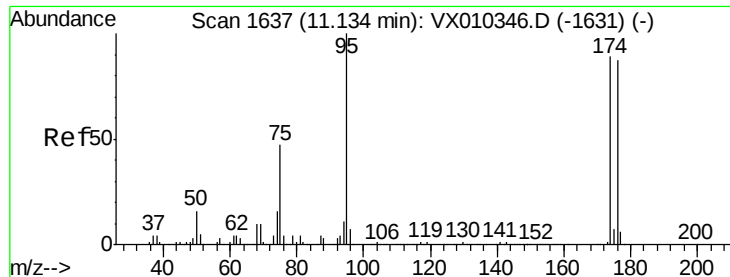
20000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 51.210 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

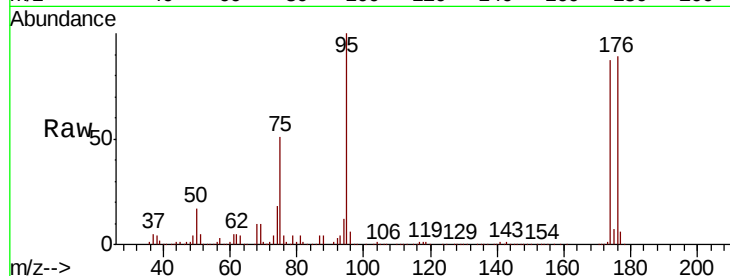
Tot Ion: 95 Resp: 139624

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

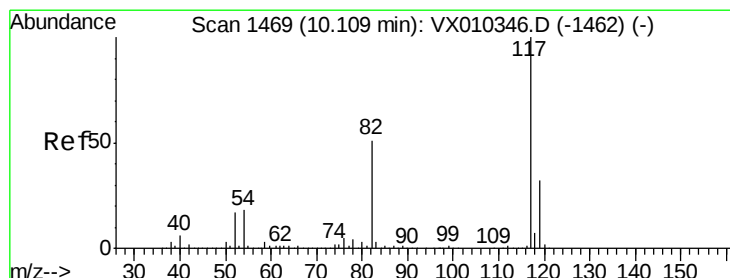
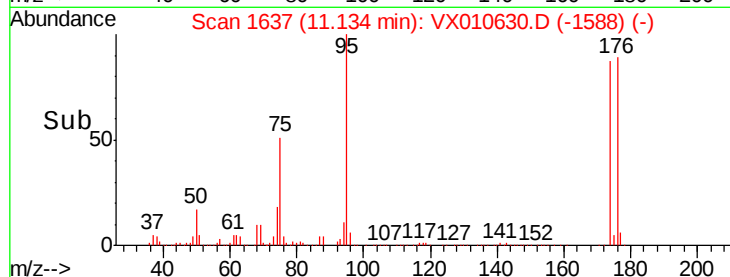
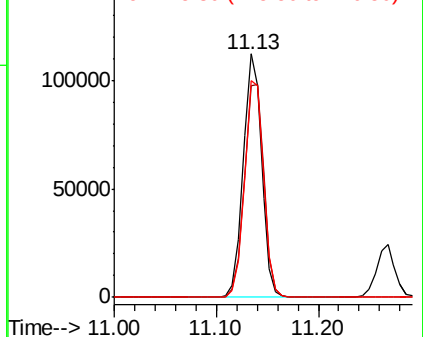
176 91.7 0.0 184.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

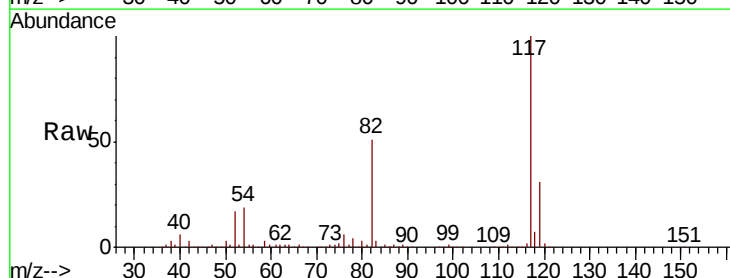
Tgt Ion: 117 Resp: 294057

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

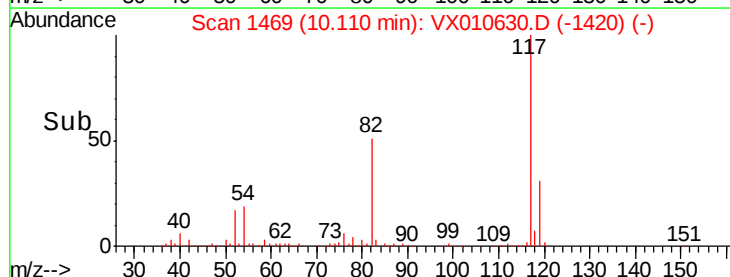
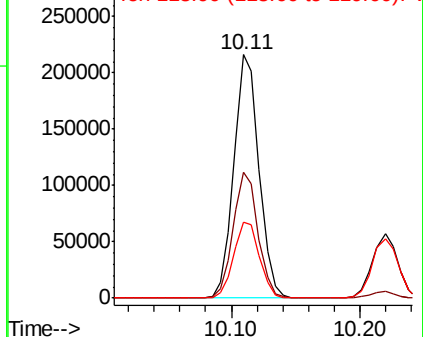
119 31.4 25.5 38.3

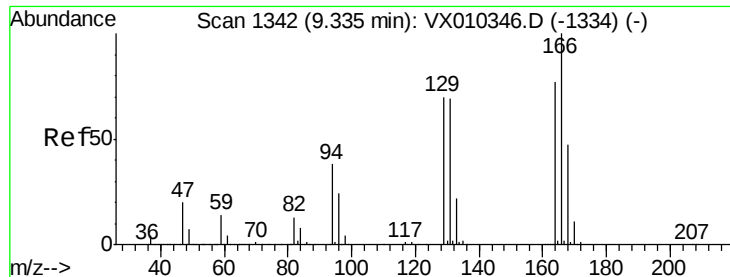


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 41.108 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

Tot Ion:164 Resp: 97772

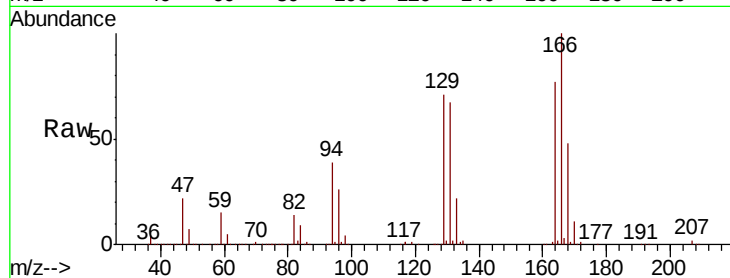
Ion Ratio Lower Upper

164 100

166 129.2 103.6 155.4

129 91.6 73.0 109.4

131 87.0 71.0 106.4

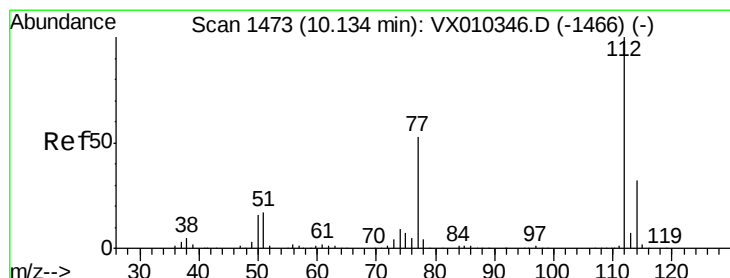
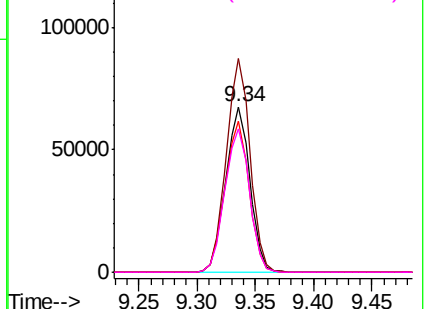
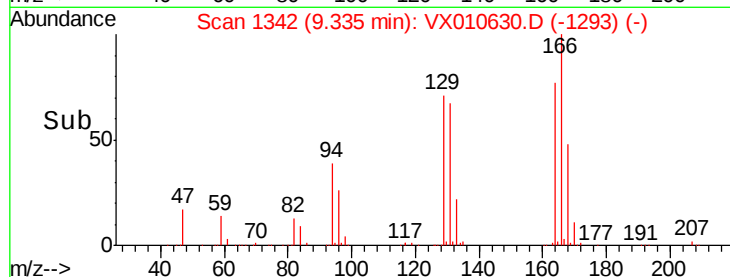


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.619 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010630.D

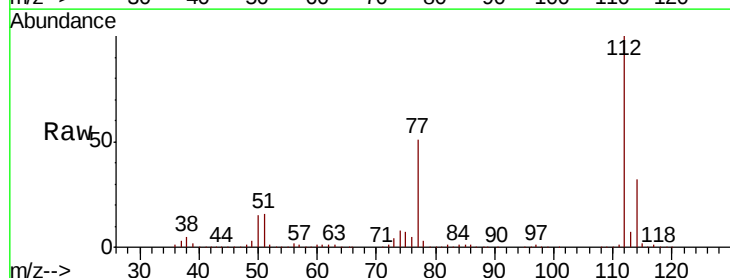
Acq: 02 Jul 2019 20:17

Tgt Ion:112 Resp: 302191

Ion Ratio Lower Upper

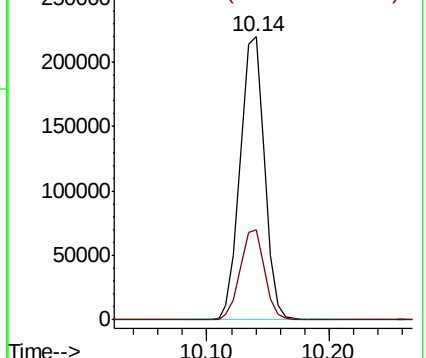
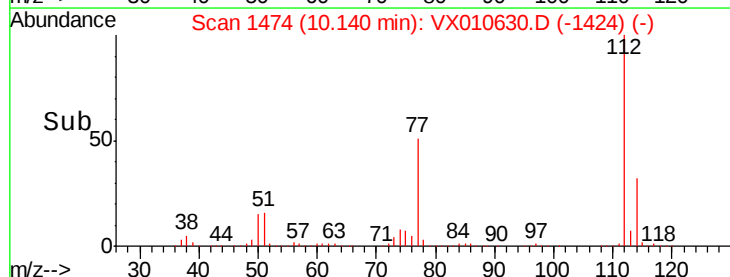
112 100

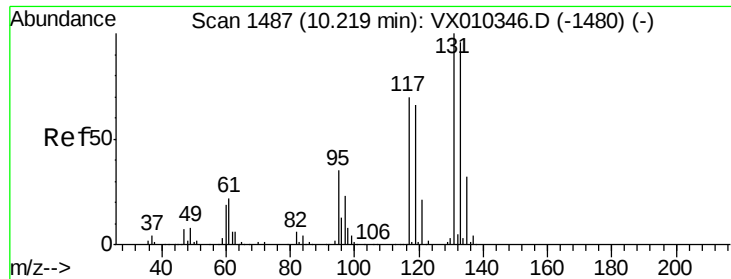
114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

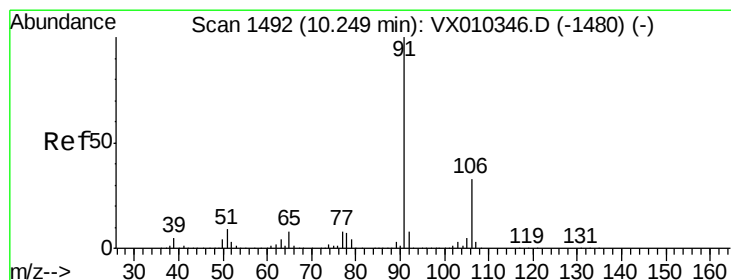
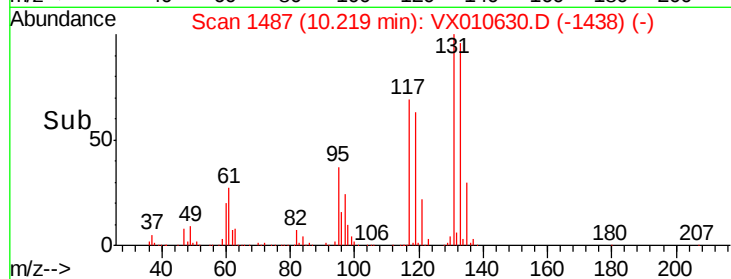
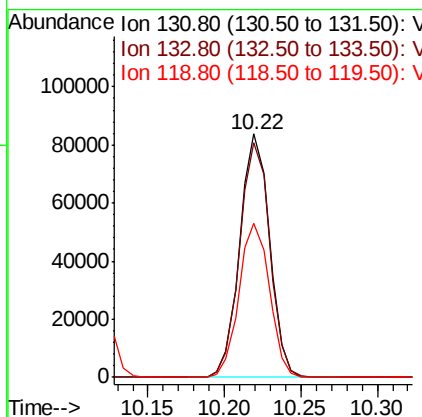
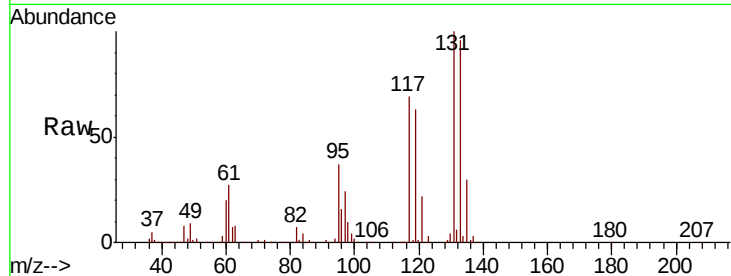




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.226 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

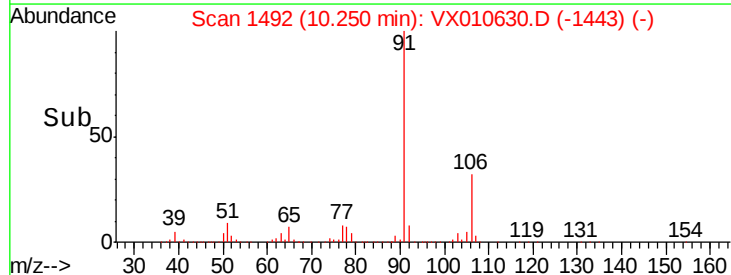
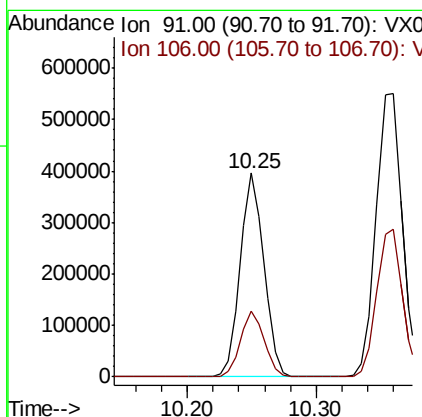
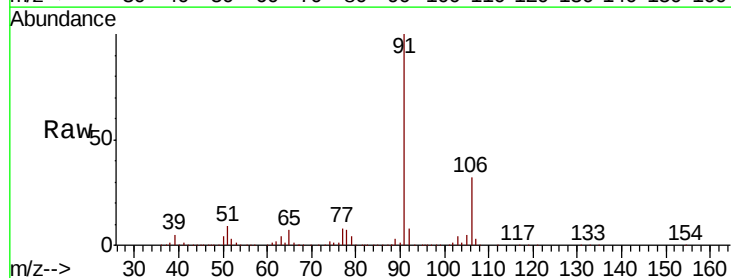
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

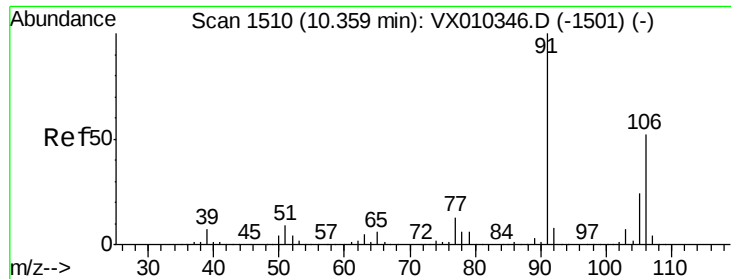
Tot Ion:131 Resp: 113569
 Ion Ratio Lower Upper
 131 100
 133 97.4 47.7 143.1
 119 64.7 32.6 97.7



#67
 Ethyl Benzene
 Concen: 50.238 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 91 Resp: 506326
 Ion Ratio Lower Upper
 91 100
 106 32.2 26.2 39.2

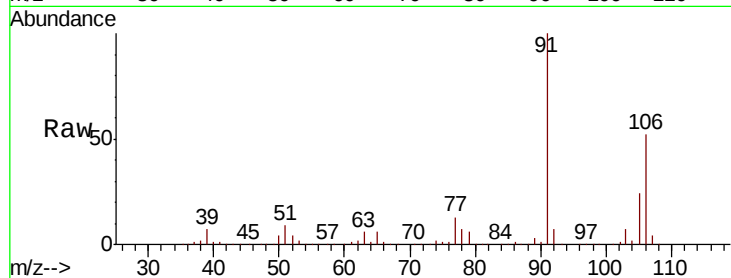




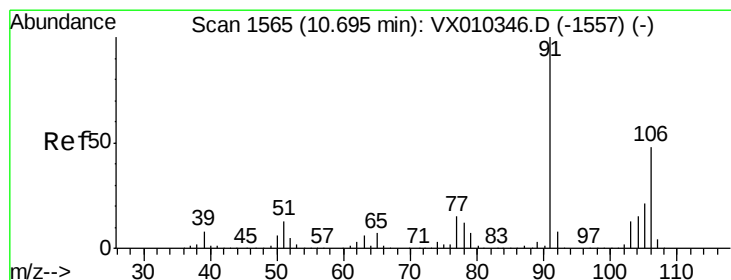
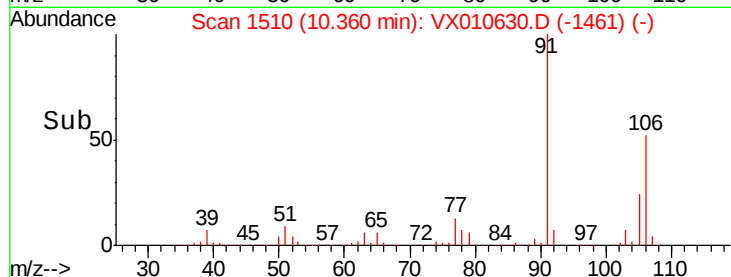
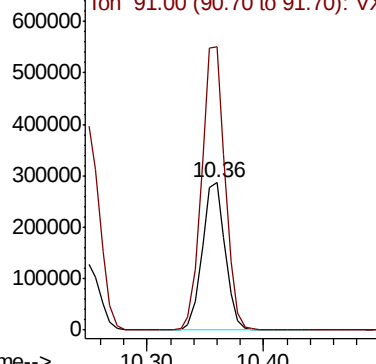
#68
m/p-Xylenes
Concen: 100.298 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

Tot Ion:106 Resp: 391683
Ion Ratio Lower Upper
106 100
91 196.0 155.3 232.9

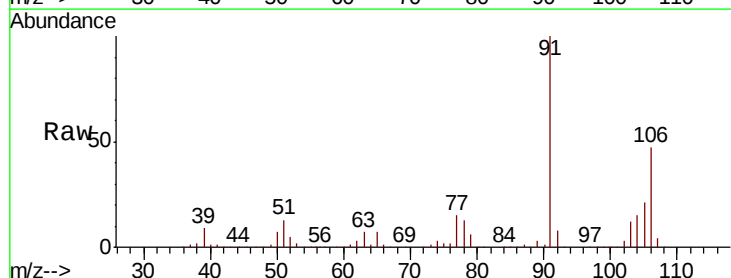


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

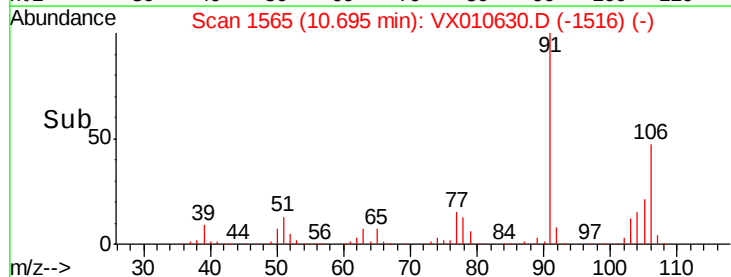
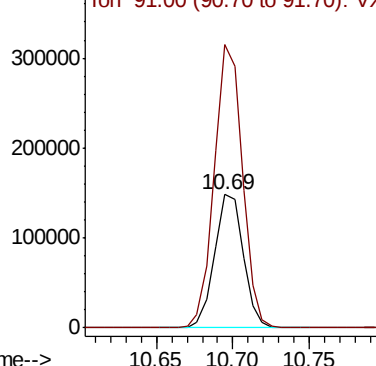


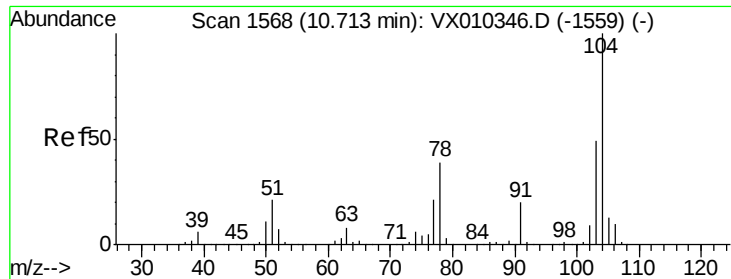
#69
o-Xylene
Concen: 50.471 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:106 Resp: 193827
Ion Ratio Lower Upper
106 100
91 207.8 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

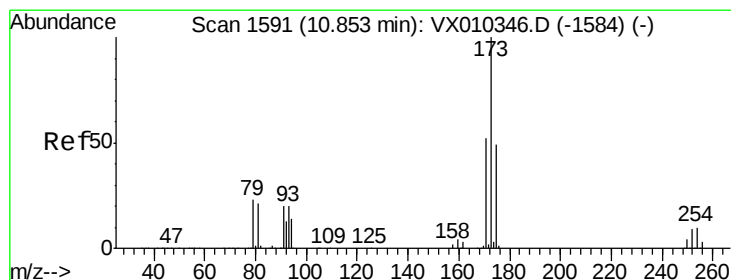
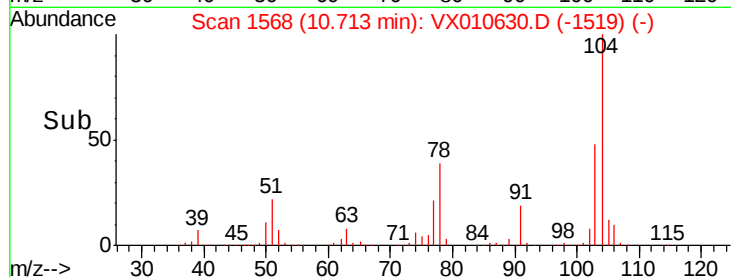
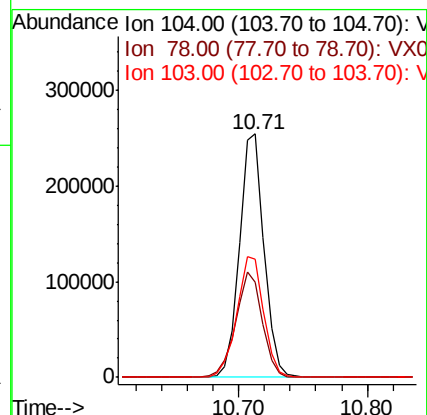
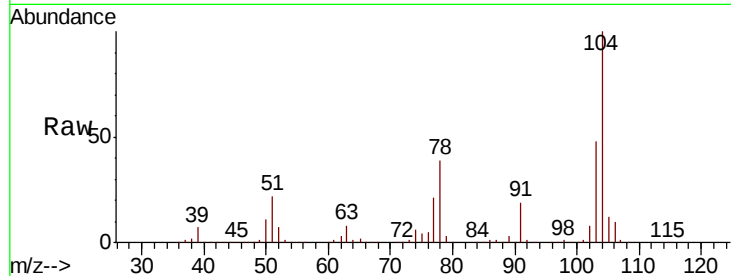




#70
Stvrene
Concen: 52.364 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

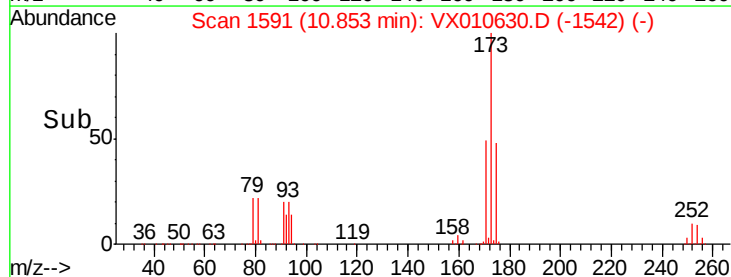
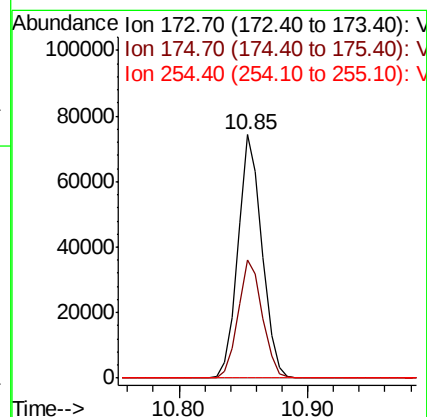
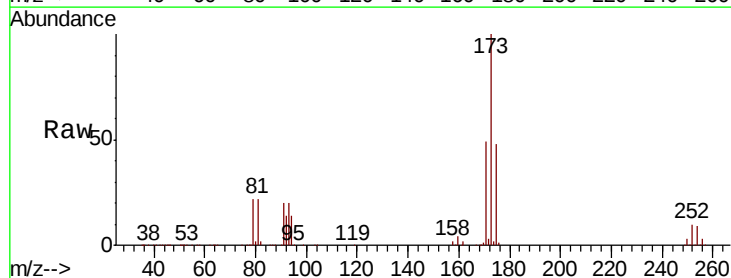
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

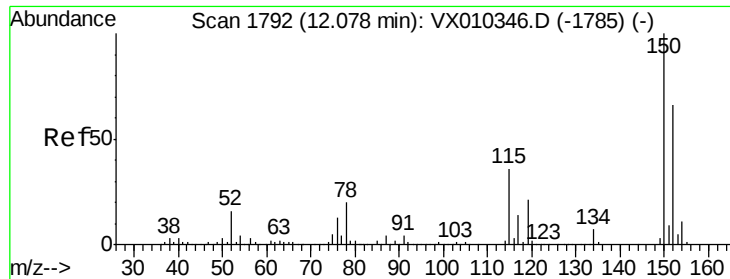
Tot Ion:104 Resp: 337247
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 54.3 44.2 66.4



#71
Bromoform
Concen: 50.961 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:173 Resp: 96369
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.1 0.2 0.2#



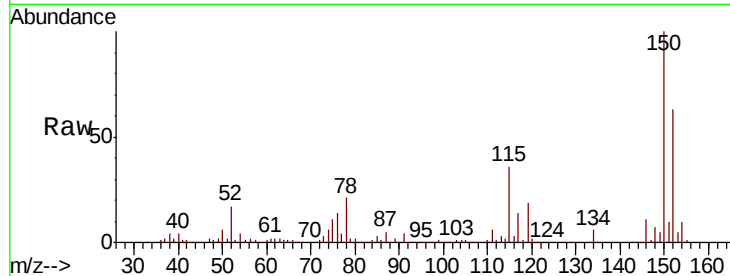


#72

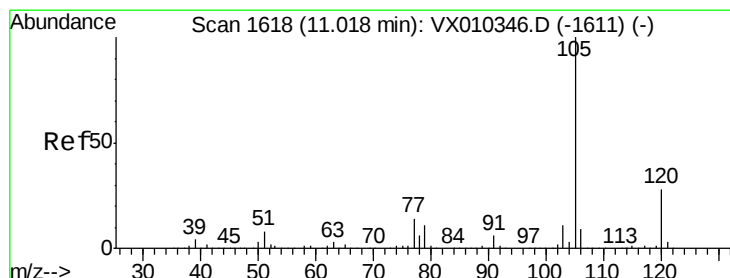
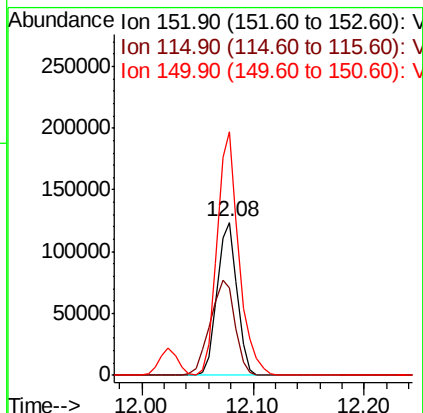
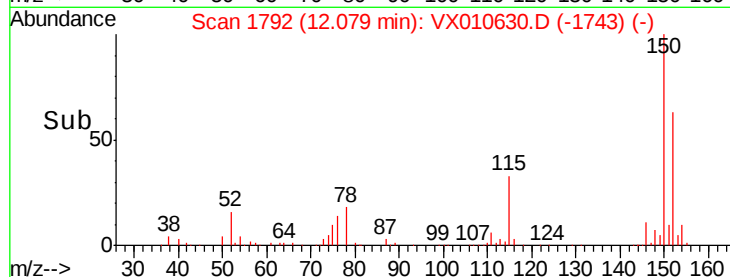
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MWHHR2-6-070119MSD

Tot Ion:152 Resp: 152750
Ion Ratio Lower Upper
152 100
115 78.0 38.6 115.7
150 173.4 0.0 347.4



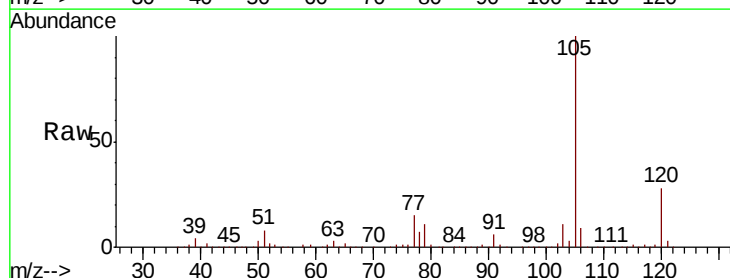
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



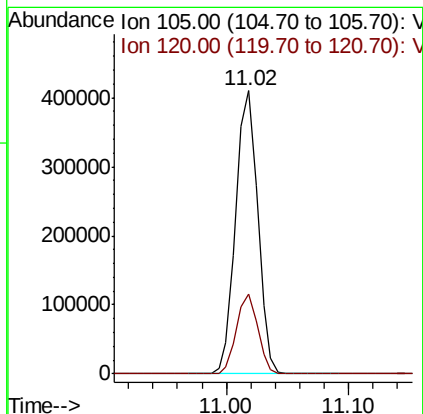
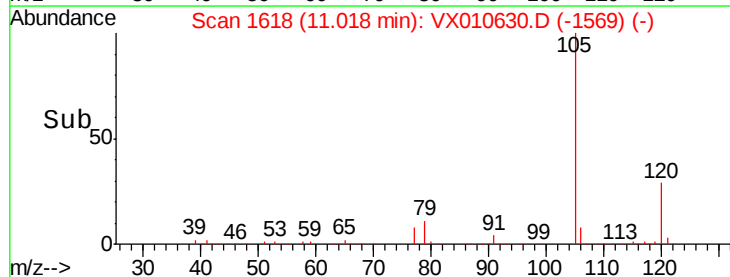
#73

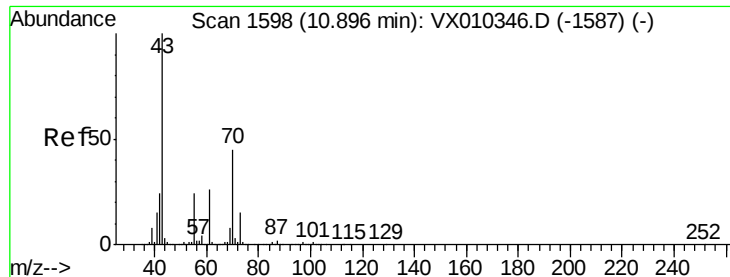
Isopropylbenzene
Concen: 49.284 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:105 Resp: 510313
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



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

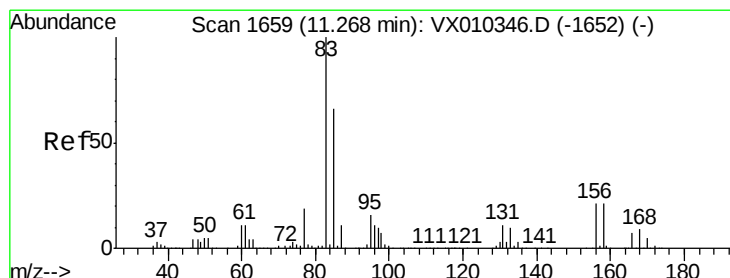
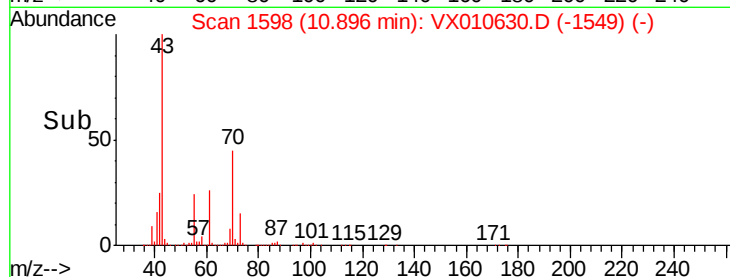
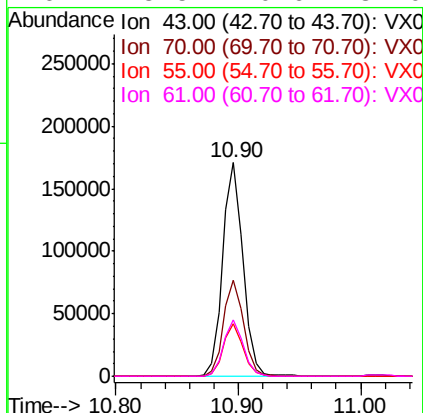
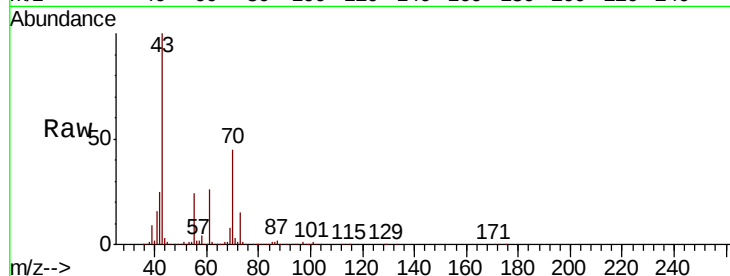




#74
N-amvl acetate
Concen: 50.079 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

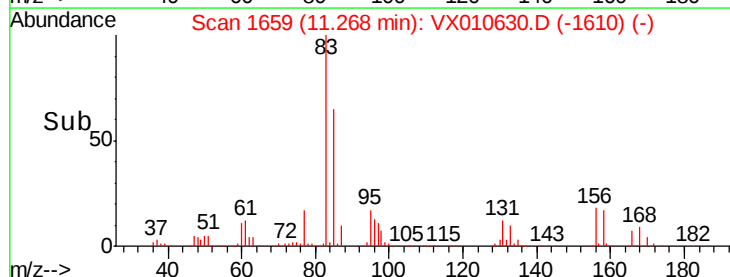
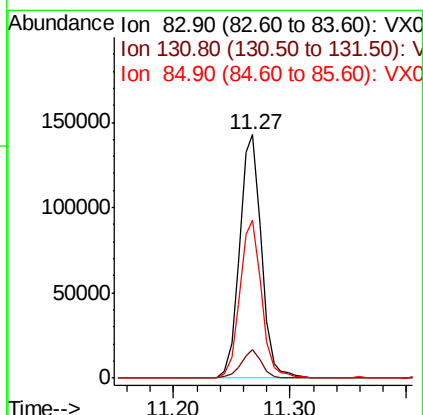
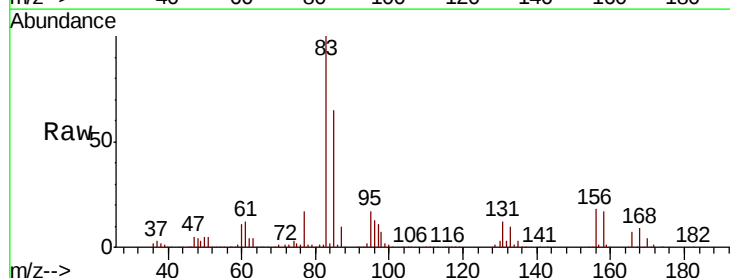
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

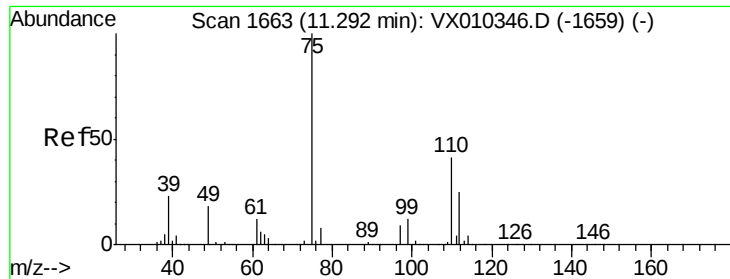
Tot Ion:	43	Resp:	195970
Ion	Ratio	Lower	Upper
43	100		
70	44.9	36.6	54.8
55	24.3	18.7	28.1
61	25.5	20.6	31.0



#75
1,1,2,2-Tetrachloroethane
Concen: 54.267 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:	83	Resp:	186091
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	64.5	32.3	96.8

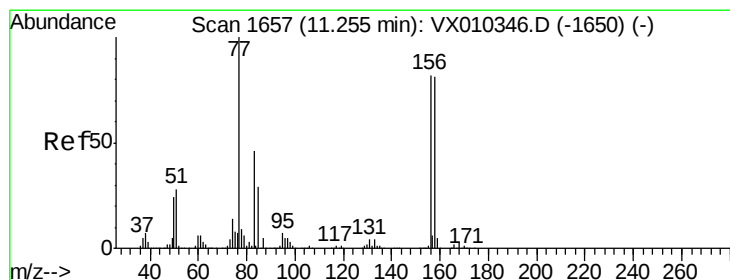
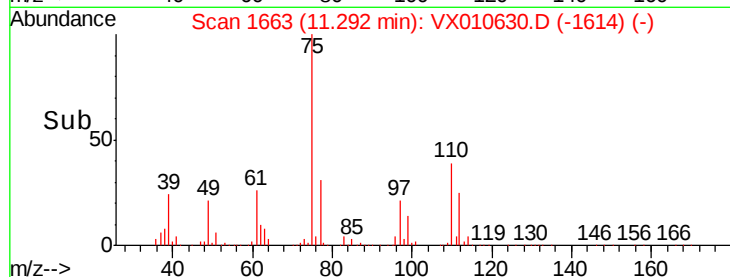
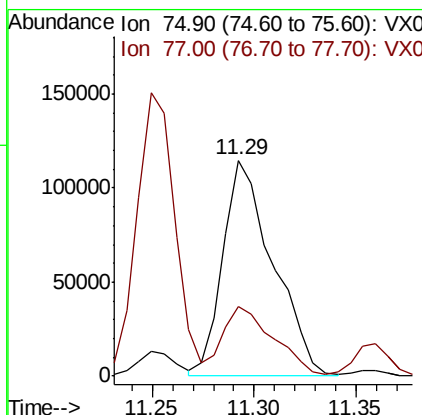
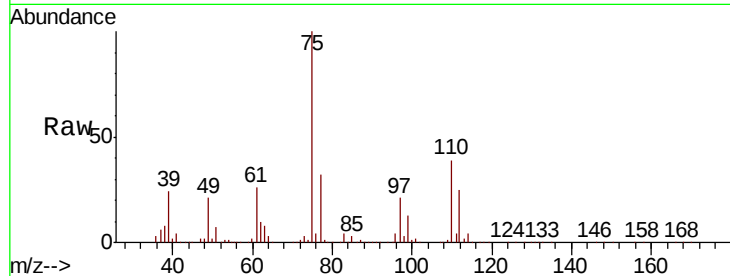




#76
 1,2,3-Trichloropropane
 Concen: 70.193 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

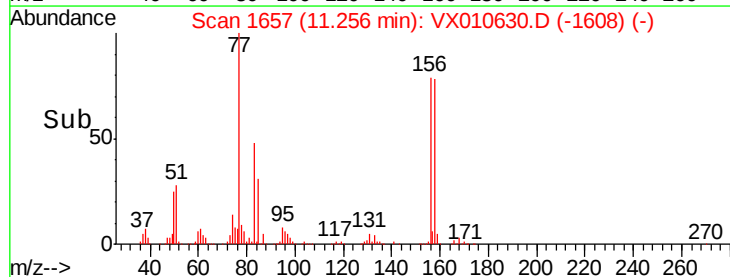
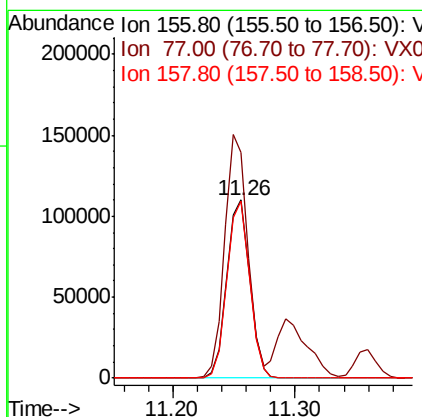
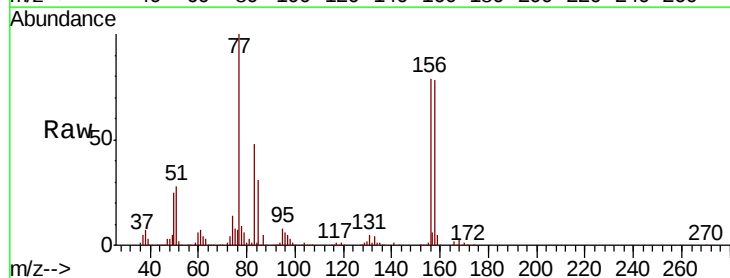
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

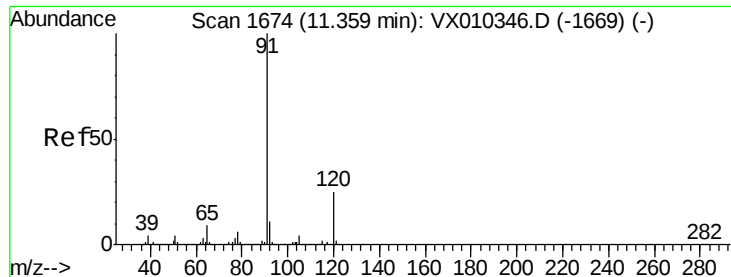
Tot Ion: 75 Resp: 195384
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.6 67.8



#77
 Bromobenzene
 Concen: 49.278 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 156 Resp: 142476
 Ion Ratio Lower Upper
 156 100
 77 137.0 66.3 198.7
 158 98.0 48.9 146.7





#78

n-propylbenzene

Concen: 49.845 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

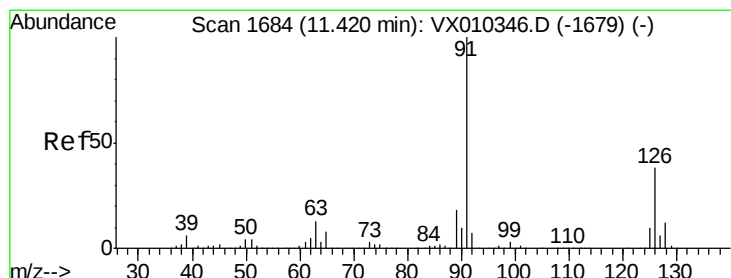
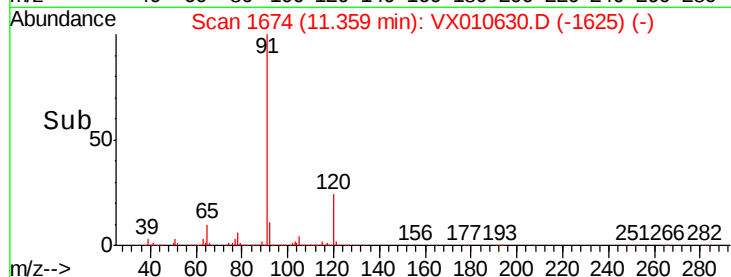
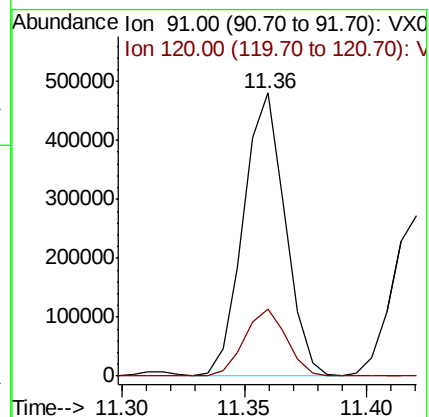
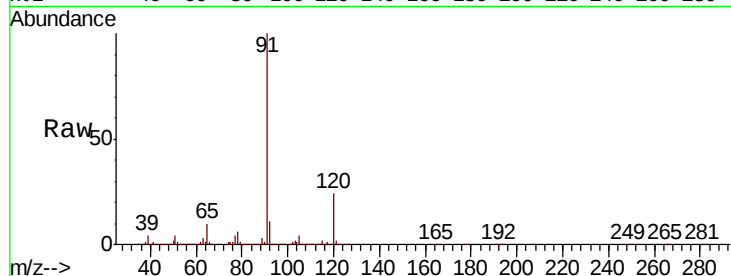
MWHR2-6-070119MSD

Tot Ion: 91 Resp: 567241

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.4



#79

2-Chlorotoluene

Concen: 49.874 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010630.D

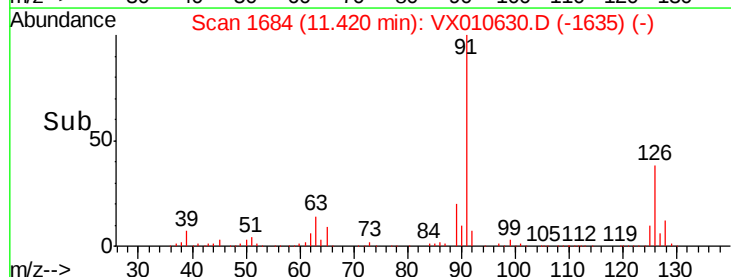
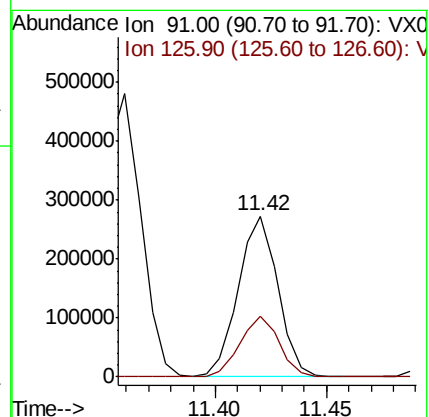
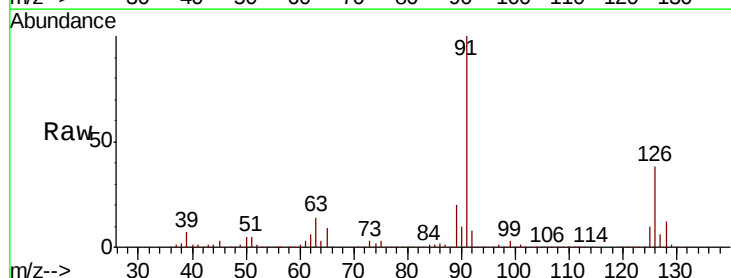
Acq: 02 Jul 2019 20:17

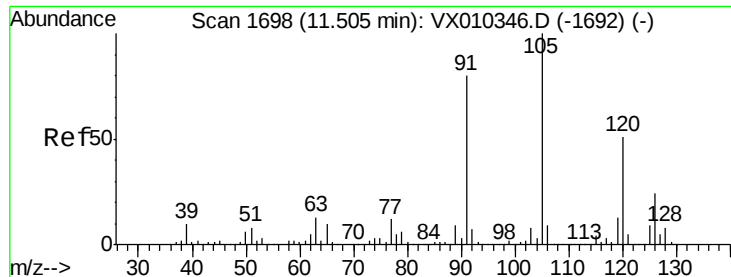
Tgt Ion: 91 Resp: 337972

Ion Ratio Lower Upper

91 100

126 37.7 18.7 56.1

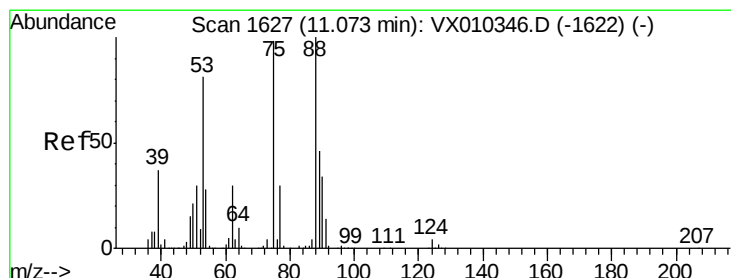
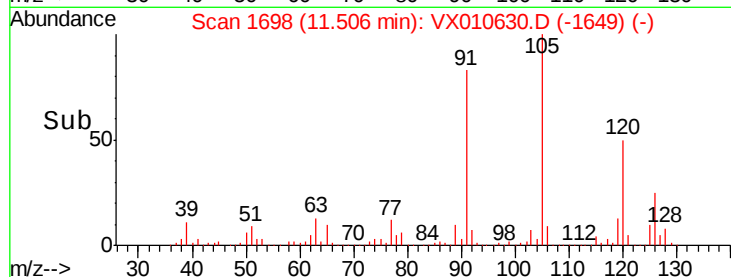
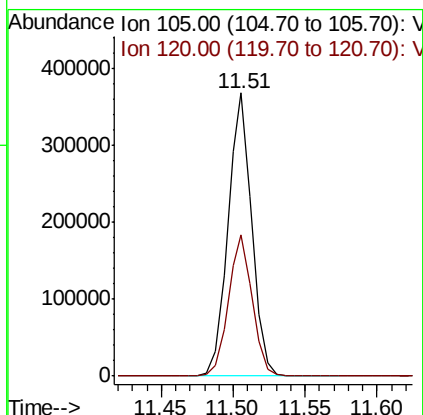
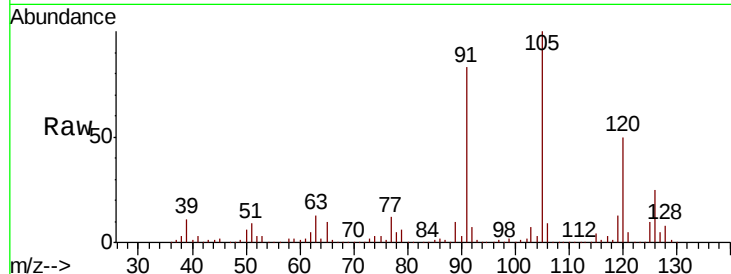




#80
 1,3,5-Trimethylbenzene
 Concen: 49.892 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

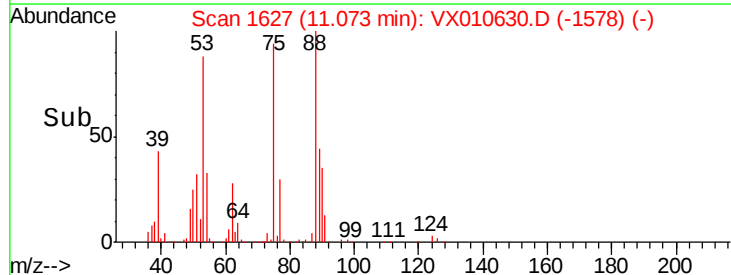
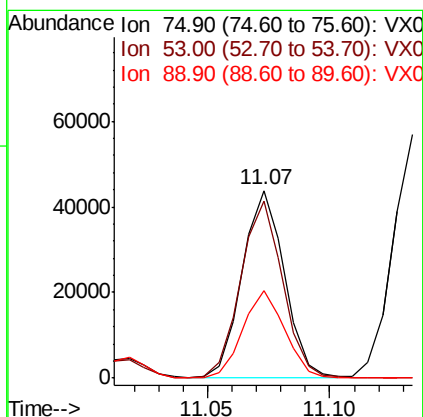
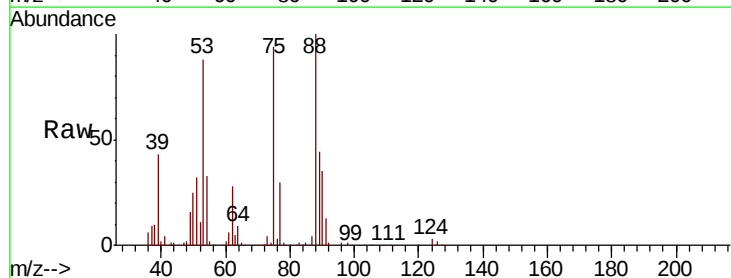
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

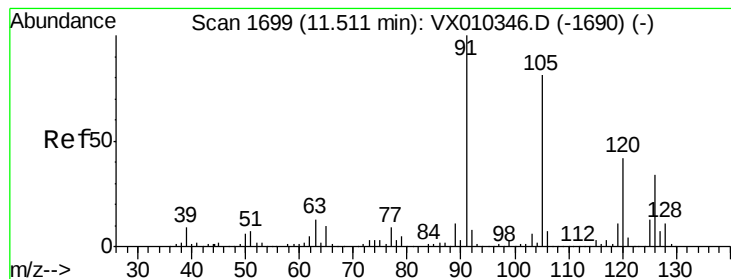
Tot Ion:105 Resp: 425887
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.671 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 75 Resp: 52106
 Ion Ratio Lower Upper
 75 100
 53 94.4 66.1 99.1
 89 46.9 37.8 56.6





#82

4-Chlorotoluene

Concen: 50.939 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

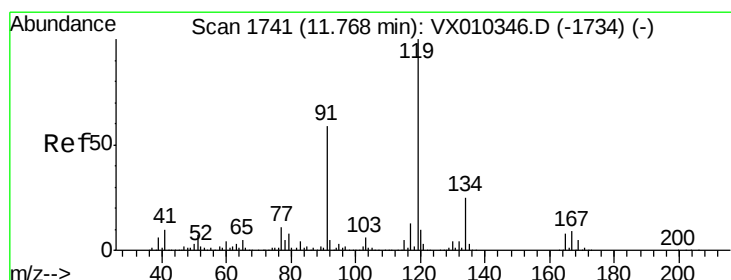
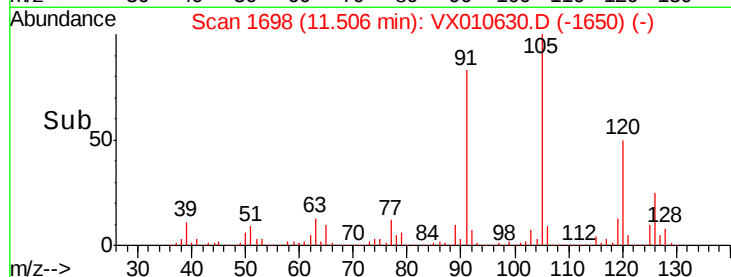
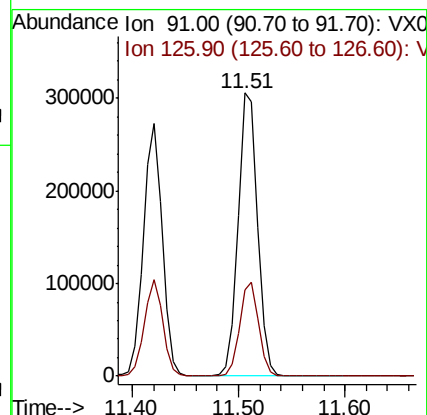
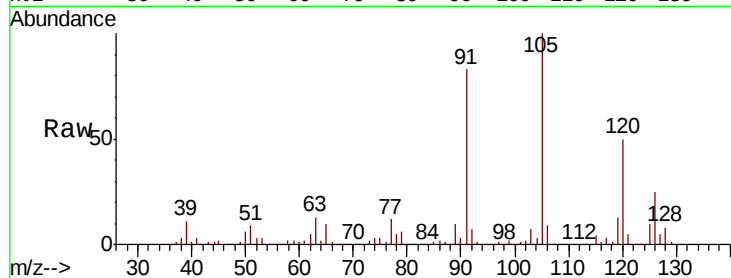
MWHR2-6-070119MSD

Tot Ion: 91 Resp: 392795

Ion Ratio Lower Upper

91 100

126 32.3 16.2 48.6



#83

tert-Butylbenzene

Concen: 50.664 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

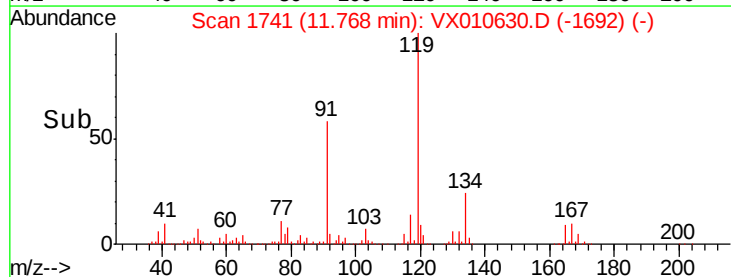
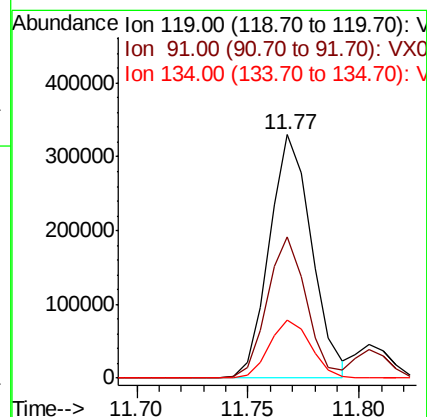
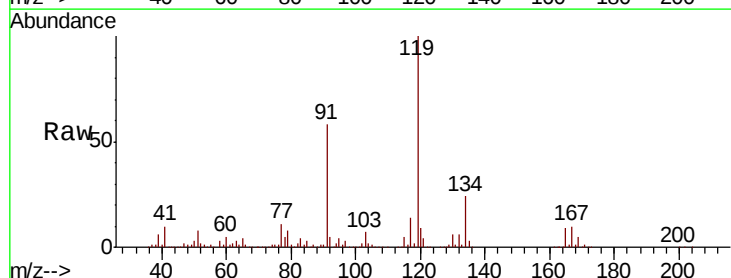
Tgt Ion: 119 Resp: 434064

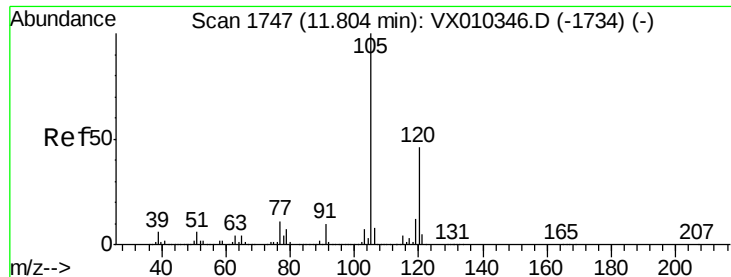
Ion Ratio Lower Upper

119 100

91 54.3 27.6 82.7

134 23.4 11.8 35.4

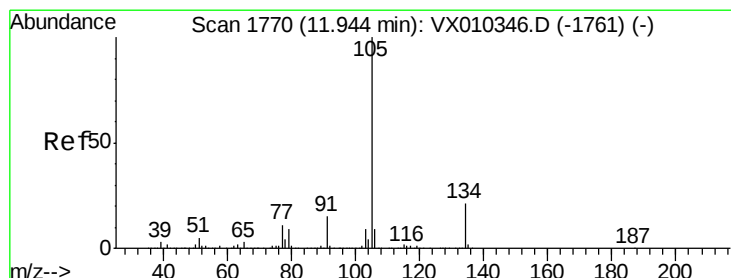
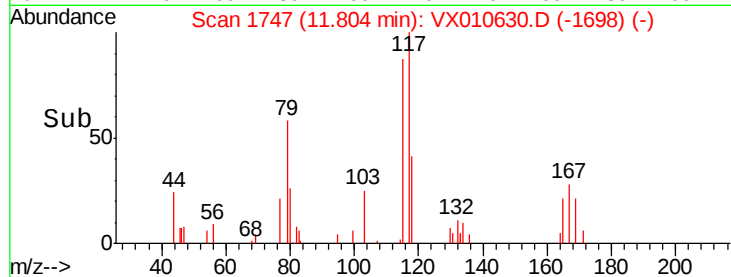
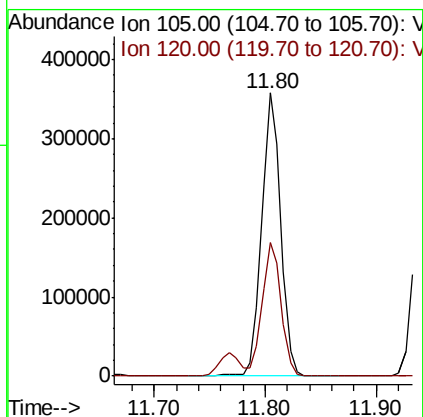
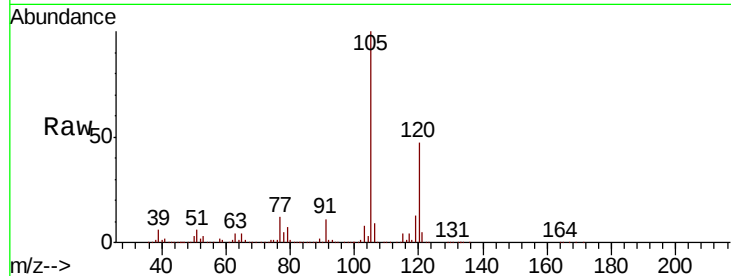




#84
 1,2,4-Trimethylbenzene
 Concen: 50.161 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

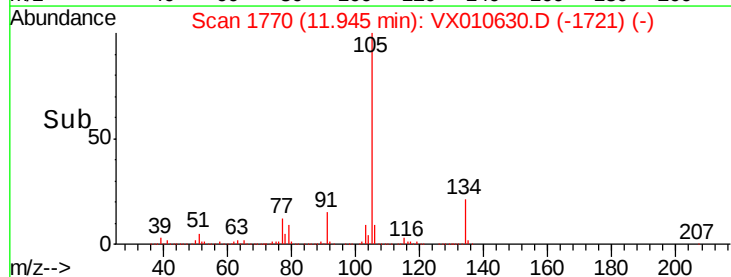
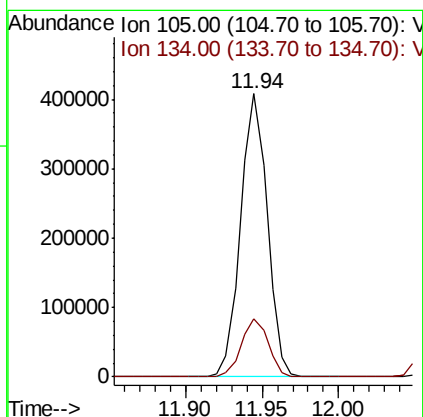
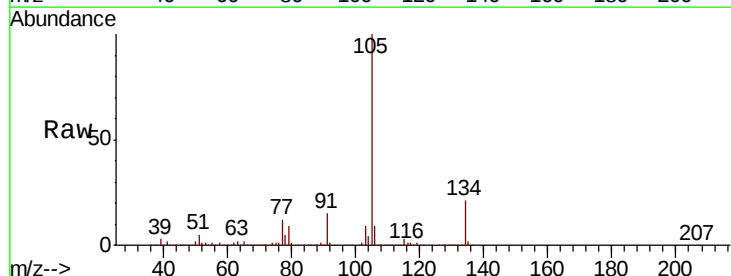
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

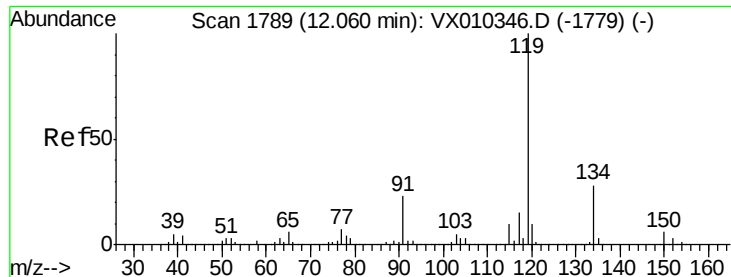
Tot Ion:105 Resp: 430188
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 49.027 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion:105 Resp: 493182
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 31.9

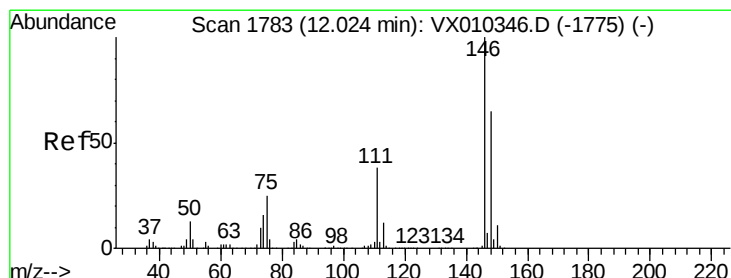
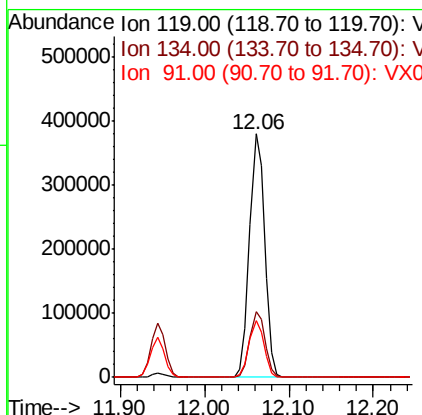
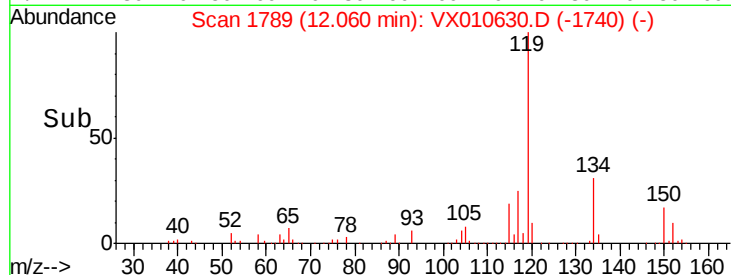
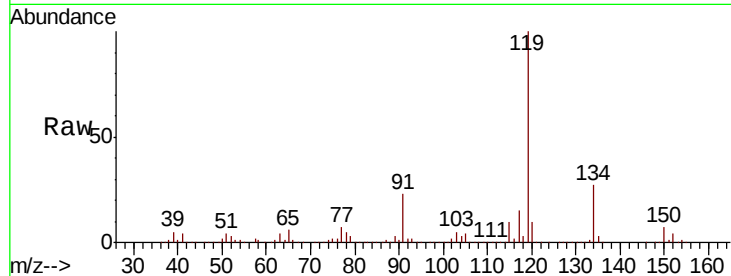




#86
p-Isopropyltoluene
Concen: 48.987 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

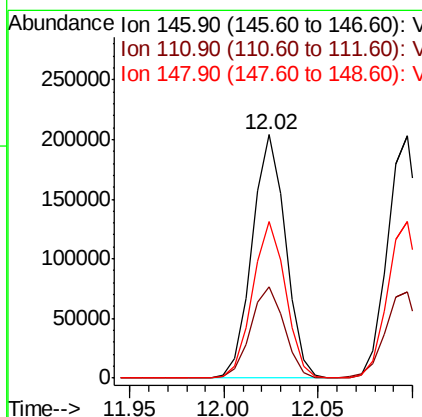
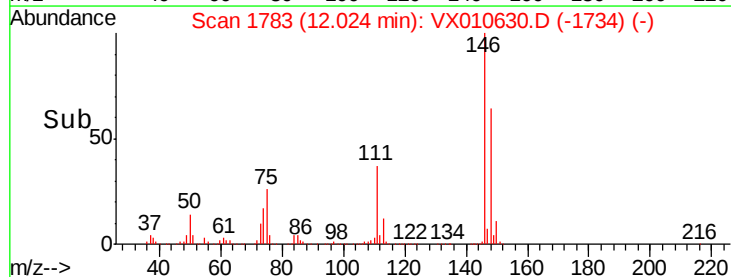
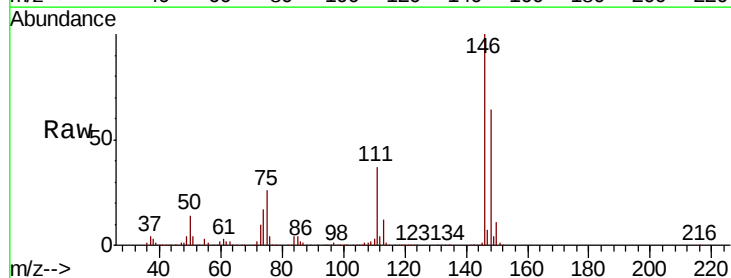
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

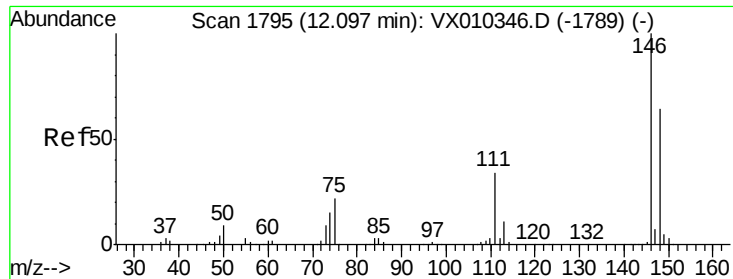
Tot Ion:119 Resp: 455806
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 22.8 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 49.773 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:146 Resp: 251203
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 63.5 32.5 97.4

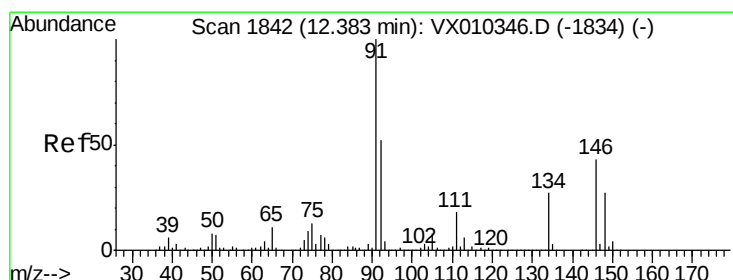
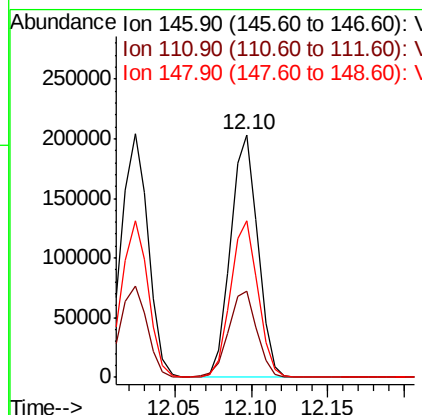
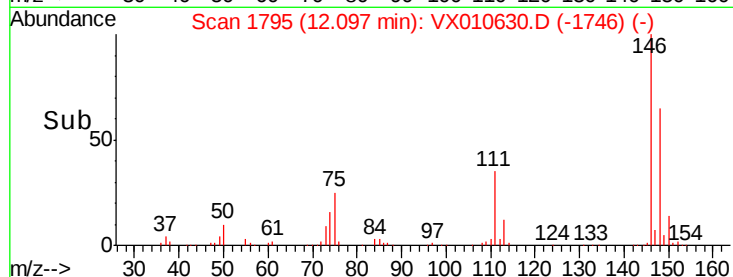
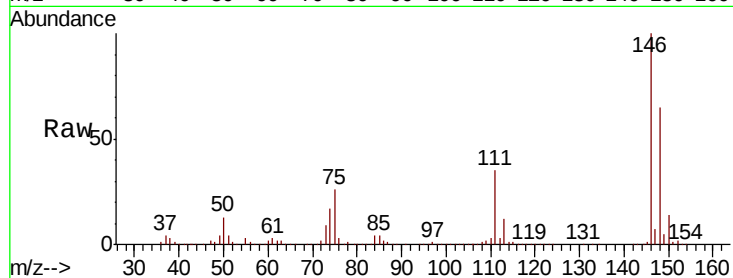




#88
 1,4-Dichlorobenzene
 Concen: 48.801 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

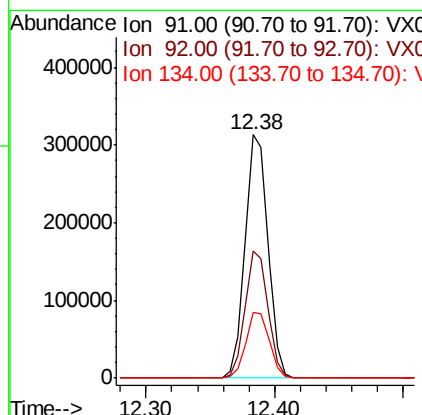
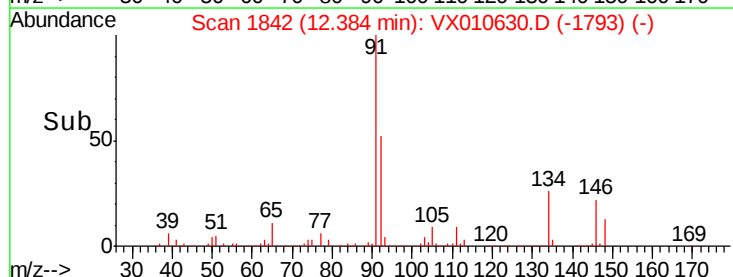
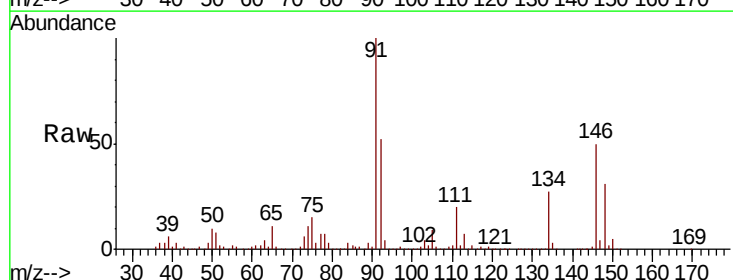
Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

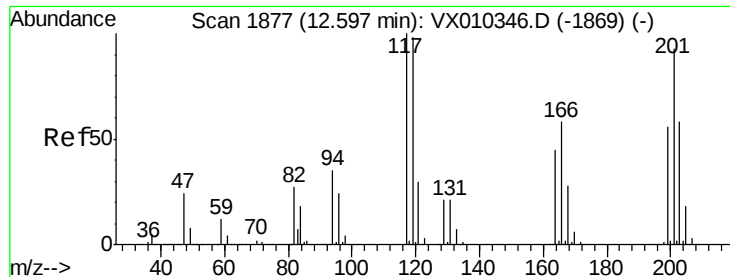
Tot Ion:146 Resp: 250739
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.3
 148 64.6 32.1 96.3



#89
 n-Butylbenzene
 Concen: 48.499 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Tgt Ion: 91 Resp: 383464
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.2 78.5
 134 27.3 14.1 42.4

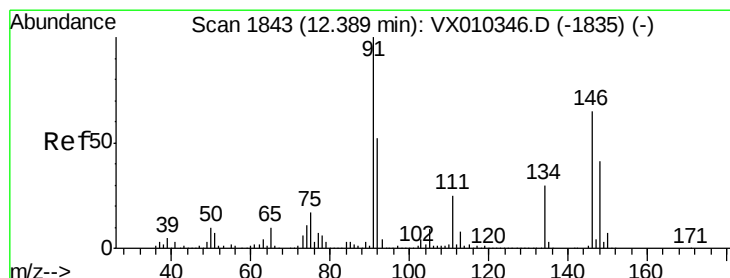
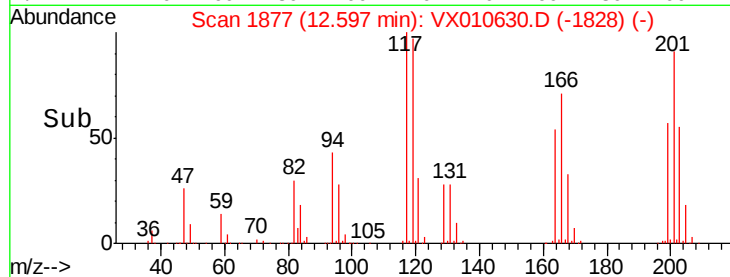
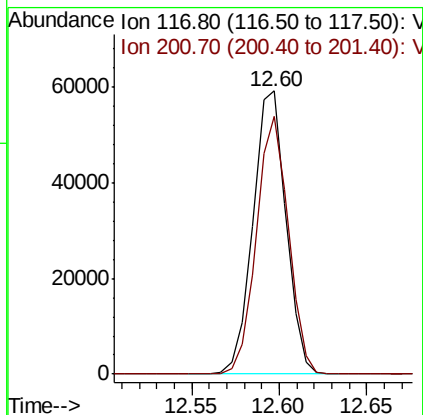
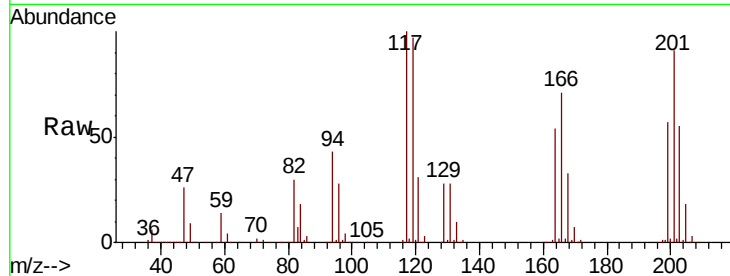




#90
Hexachloroethane
Concen: 48.314 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

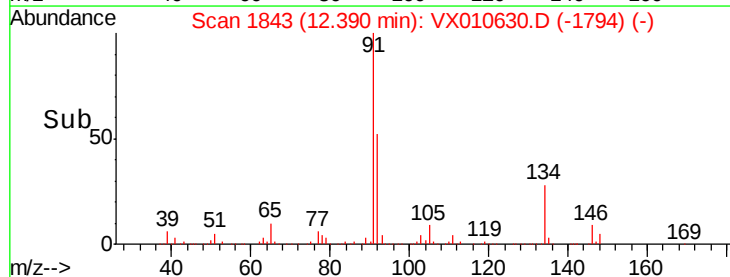
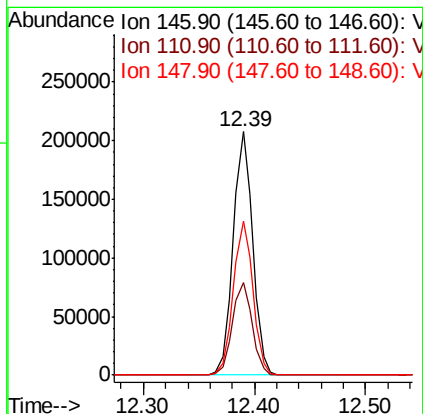
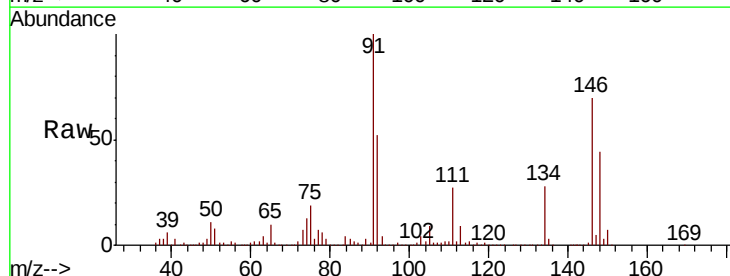
Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MSD

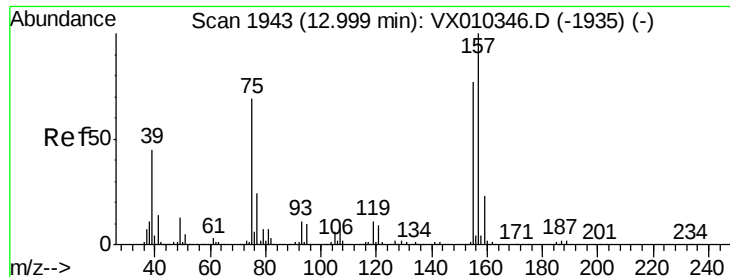
Tot Ion:117 Resp: 77733
Ion Ratio Lower Upper
117 100
201 88.1 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 50.146 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010630.D
Acq: 02 Jul 2019 20:17

Tgt Ion:146 Resp: 251532
Ion Ratio Lower Upper
146 100
111 38.6 19.2 57.6
148 63.7 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.470 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

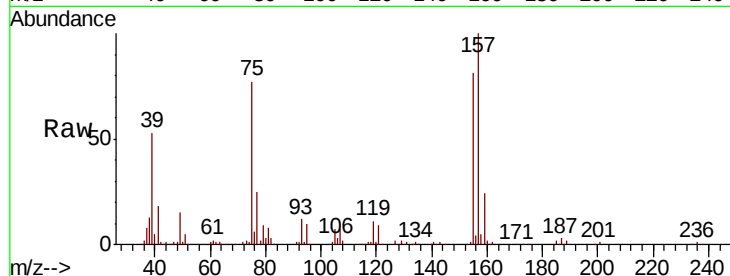
Tot Ion: 75 Resp: 38054

Ion Ratio Lower Upper

75 100

155 101.6 54.4 163.1

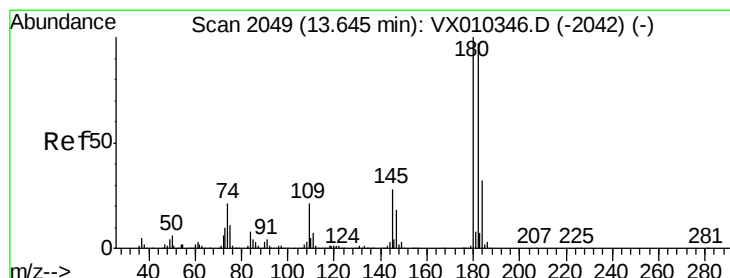
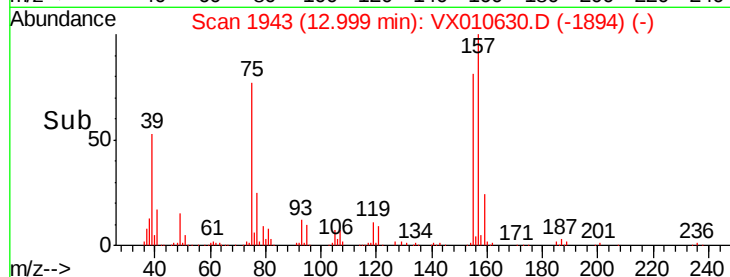
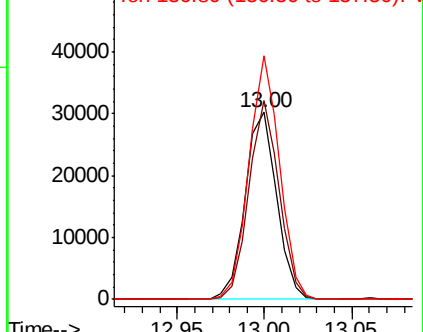
157 126.1 69.5 208.3



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: 49.818 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

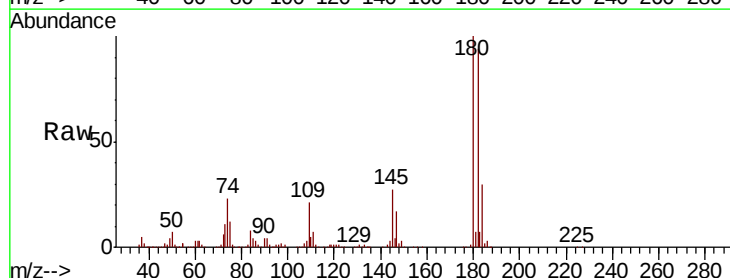
Tgt Ion:180 Resp: 173292

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

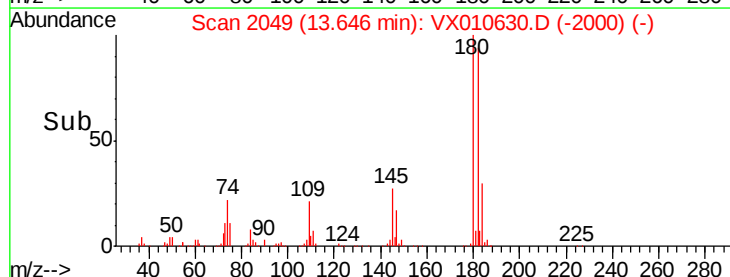
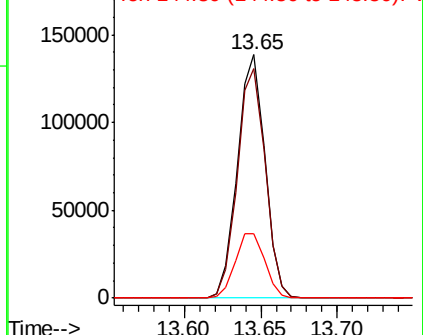
145 28.5 14.4 43.4

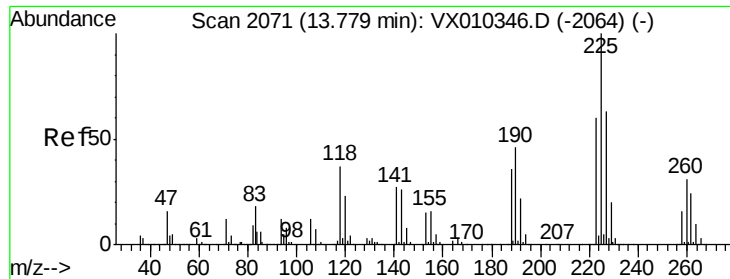


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 44.572 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MSD

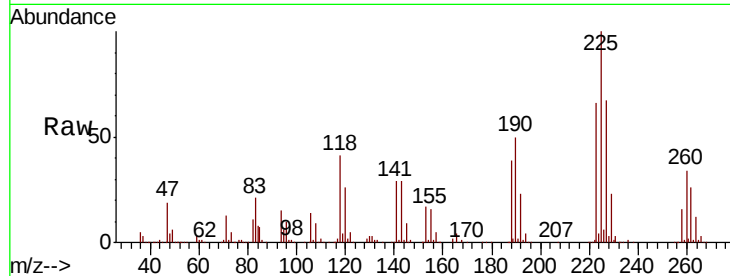
Tot Ion:225 Resp: 75776

Ion Ratio Lower Upper

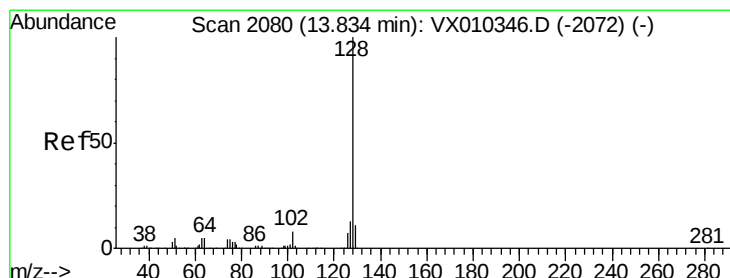
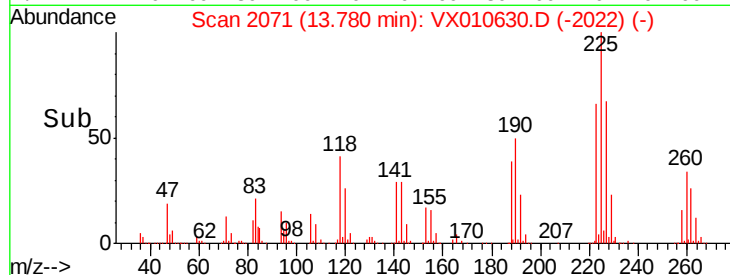
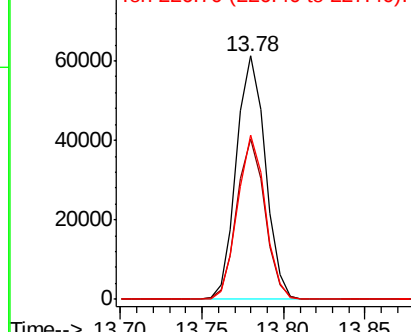
225 100

223 63.8 30.9 92.7

227 64.4 31.9 95.5



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: 52.242 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010630.D

Acq: 02 Jul 2019 20:17

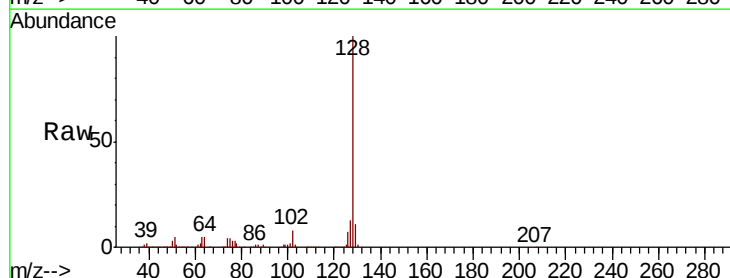
Tgt Ion:128 Resp: 558454

Ion Ratio Lower Upper

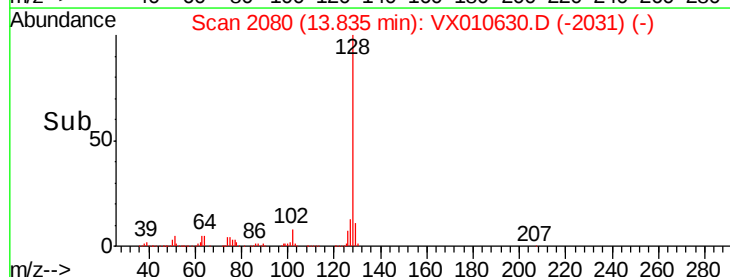
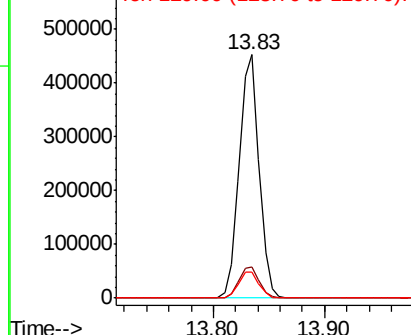
128 100

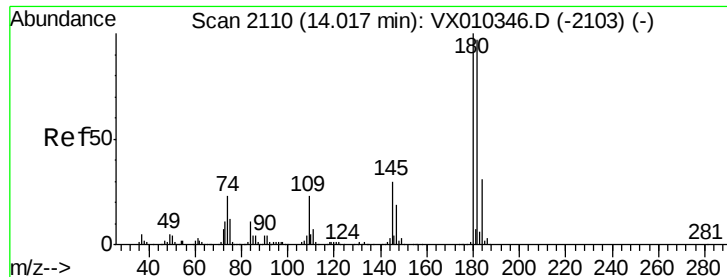
127 13.0 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

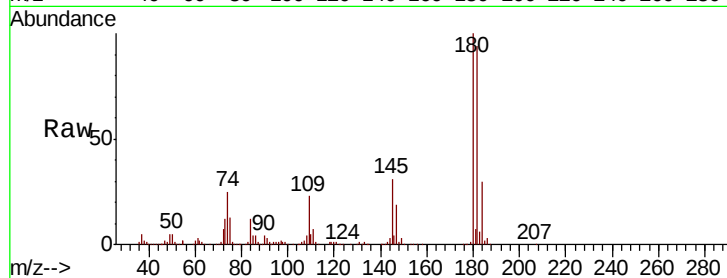




#96
 1,2,3-Trichlorobenzene
 Concen: 50.800 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010630.D
 Acq: 02 Jul 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	30.7	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

