

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012541.D
 Acq On : 19 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4883-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Quant Time: Sep 20 04:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135013	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	133393	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
35) Dibromofluoromethane	5.48	113	99129	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
50) Toluene-d8	8.71	98	362290	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	145782	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	56922	45.144	ug/l	95
3) Chloromethane	1.32	50	52054	50.057	ug/l	99
4) Vinyl Chloride	1.40	62	57055	50.763	ug/l	99
5) Bromomethane	1.62	94	21400	48.463	ug/l	98
6) Chloroethane	1.71	64	39961	45.434	ug/l	96
7) Trichlorofluoromethane	1.92	101	102725	49.858	ug/l	95
8) Diethyl Ether	2.18	74	45801	49.216	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72570	48.681	ug/l	97
10) Methyl Iodide	2.50	142	61088	47.952	ug/l	97
11) Tert butyl alcohol	3.04	59	156377	226.925	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59053	49.657	ug/l	98
13) Acrolein	2.28	56	59801	251.225	ug/l	99
14) Allyl chloride	2.72	41	135988	49.117	ug/l	99
15) Acrylonitrile	3.13	53	297136	252.936	ug/l	99
16) Acetone	2.43	43	281587	226.582	ug/l	99
17) Carbon Disulfide	2.56	76	73571	43.971	ug/l	98
18) Methyl Acetate	2.76	43	135392	47.928	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	326287	50.322	ug/l	98
20) Methylene Chloride	2.84	84	79279	48.322	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62628	50.715	ug/l	97
22) Diisopropyl ether	3.84	45	326381	50.347	ug/l	96
23) Vinyl Acetate	3.80	43	1308675	245.410	ug/l	100
24) 1,1-Dichloroethane	3.69	63	157783	50.870	ug/l	97
25) 2-Butanone	4.66	43	437907	232.871	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119502	39.176	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93678	50.781	ug/l	97
28) Bromochloromethane	5.00	49	78100	48.842	ug/l	99
29) Tetrahydrofuran	5.11	42	265823	255.883	ug/l	100
30) Chloroform	5.20	83	173026	48.573	ug/l	99
31) Cyclohexane	5.57	56	92987	49.663	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	146933	49.352	ug/l	100
36) 1,1-Dichloropropene	5.79	75	96015	49.846	ug/l	98
37) Ethyl Acetate	4.82	43	151450	51.222	ug/l	99
38) Carbon Tetrachloride	5.78	117	117740	49.146	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92545	49.422	ug/l	99
40) Benzene	6.13	78	312799	51.067	ug/l	99
41) Methacrylonitrile	5.03	41	92900	48.796	ug/l	98
42) 1,2-Dichloroethane	6.18	62	140239	49.362	ug/l	100
43) Isopropyl Acetate	6.44	43	266046	50.133	ug/l	99
44) Trichloroethene	7.21	130	83717	51.957	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95130	50.551	ug/l	100
46) Dibromomethane	7.65	93	61285	50.325	ug/l	100
47) Bromodichloromethane	7.89	83	137031	50.536	ug/l	99
48) Methyl methacrylate	7.76	41	128863	51.512	ug/l	99
49) 1,4-Dioxane	7.73	88	53468	878.190	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	889787	255.673	ug/l	99
52) Toluene	8.78	92	202897	51.406	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142841	50.678	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	147651	50.599	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102597	50.454	ug/l	99
56) Ethyl methacrylate	9.17	69	167062	52.547	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165911	51.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.28	63	435	0.264	ug/l #	61
59) 2-Hexanone	9.49	43	679402	250.229	ug/l	98
60) Dibromochloromethane	9.58	129	109457	52.845	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96666	52.050	ug/l	99
64) Tetrachloroethene	9.33	164	74925	57.178	ug/l	95
65) Chlorobenzene	10.14	112	236658	50.142	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102429	52.291	ug/l	100
67) Ethyl Benzene	10.25	91	419005	51.673	ug/l	100
68) m/p-Xylenes	10.36	106	303076	102.724	ug/l	99
69) o-Xylene	10.70	106	158631	52.281	ug/l	99
70) Styrene	10.71	104	280182	52.190	ug/l	99
71) Bromoform	10.85	173	78911	46.972	ug/l #	100
73) Isopropylbenzene	11.01	105	438615	51.777	ug/l	100
74) N-amyl acetate	10.89	43	233650	51.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	169935	51.138	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198579	64.030	ug/l	87
77) Bromobenzene	11.25	156	106261	51.434	ug/l	99
78) n-propylbenzene	11.35	91	483996	51.262	ug/l	99
79) 2-Chlorotoluene	11.42	91	306425	49.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	373660	51.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51292	45.689	ug/l	99
82) 4-Chlorotoluene	11.51	91	359616	51.013	ug/l	99
83) tert-Butylbenzene	11.77	119	385721	49.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	386807	52.144	ug/l	99
85) sec-Butylbenzene	11.94	105	429485	50.347	ug/l	99
86) p-Isopropyltoluene	12.06	119	394287	50.335	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199607	51.362	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	201500	50.475	ug/l	99
89) n-Butylbenzene	12.39	91	329516	47.147	ug/l	99
90) Hexachloroethane	12.59	117	72706	50.621	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205048	50.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46642	54.139	ug/l	98

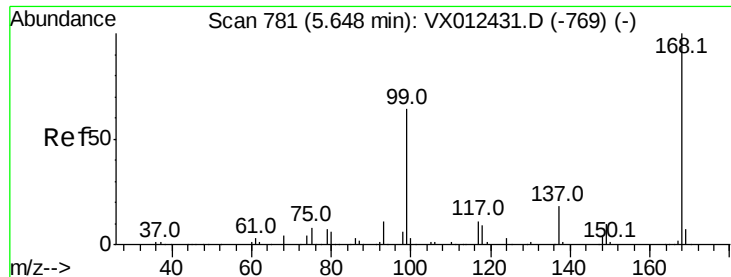
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132055	50.473	ug/l	99
94) Hexachlorobutadiene	13.78	225	52065	42.222	ug/l	99
95) Naphthalene	13.83	128	500429	53.755	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136895	51.346	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

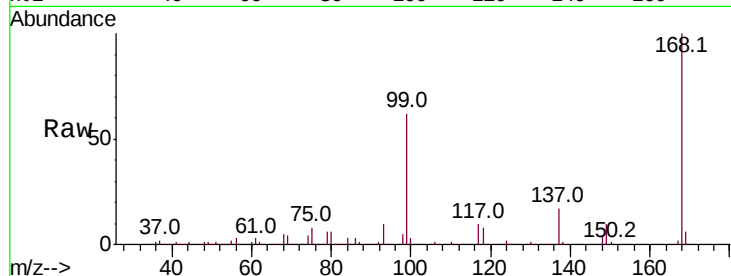
MW2-R2-1MS

Tot Ion:168 Resp: 189152

Ion Ratio Lower Upper

168 100

99 61.8 51.4 77.2

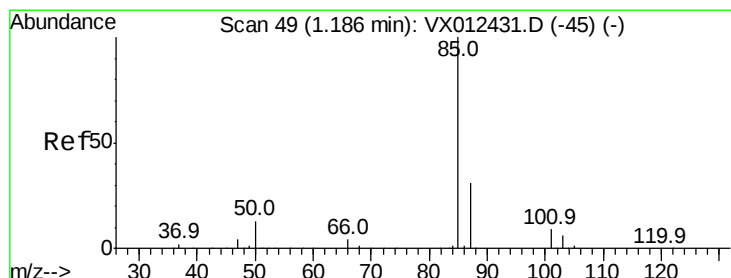
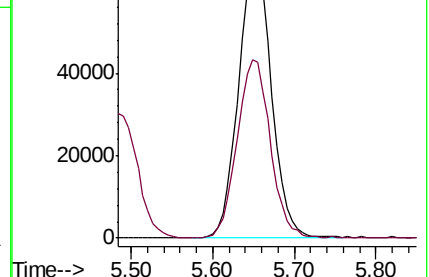
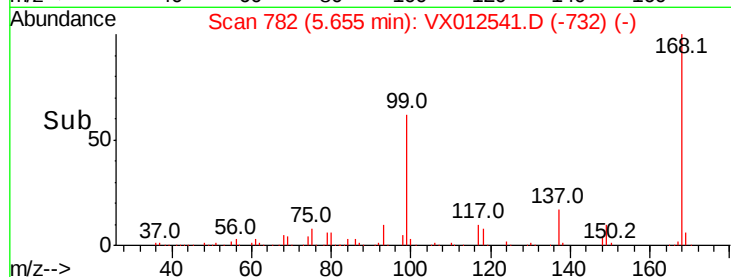


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 45.144 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012541.D

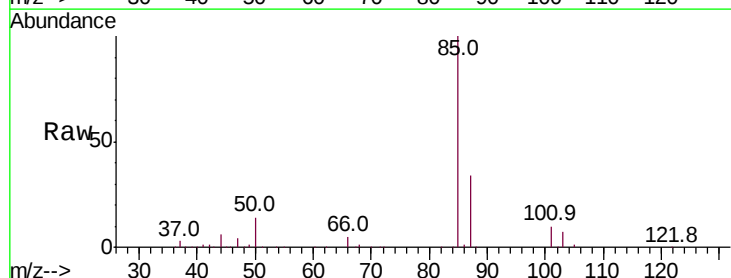
Acq: 19 Sep 2019 20:14

Tgt Ion: 85 Resp: 56922

Ion Ratio Lower Upper

85 100

87 33.8 15.6 46.8

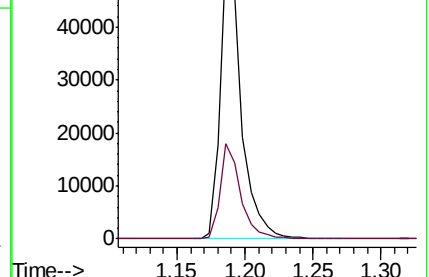
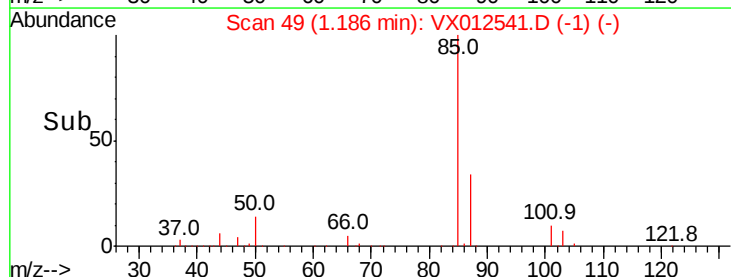


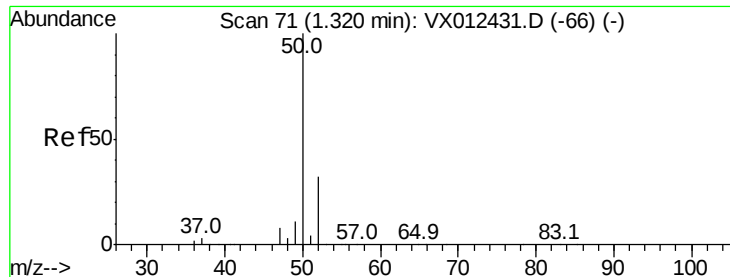
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->





#3

Chloromethane

Concen: 50.057 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

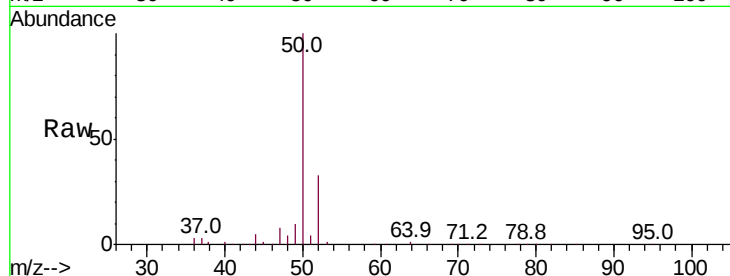
MW2-R2-1MS

Tot Ion: 50 Resp: 52054

Ion Ratio Lower Upper

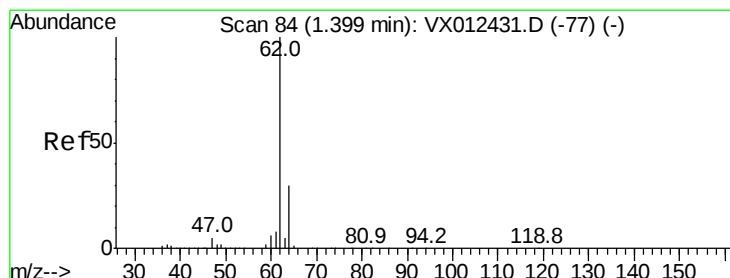
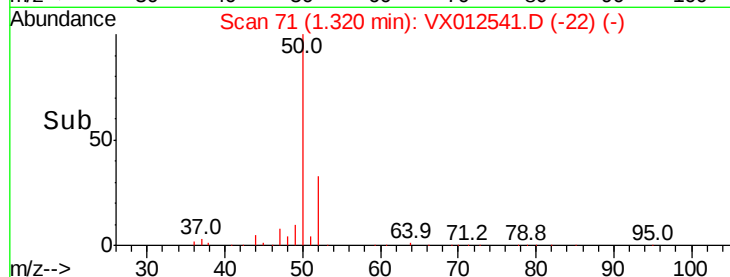
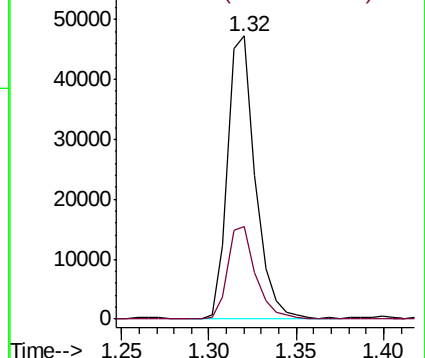
50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.763 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012541.D

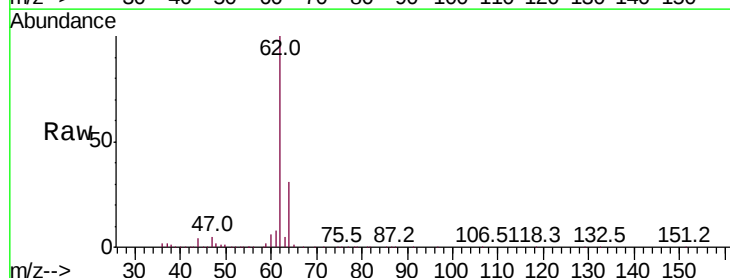
Acq: 19 Sep 2019 20:14

Tgt Ion: 62 Resp: 57055

Ion Ratio Lower Upper

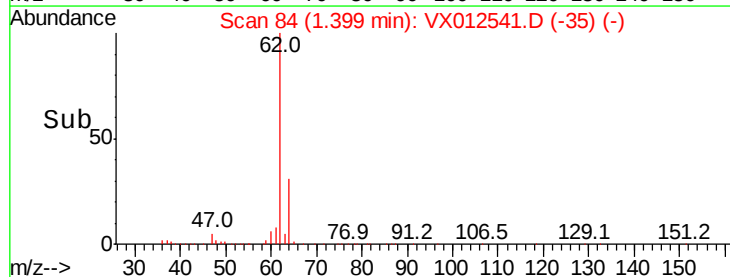
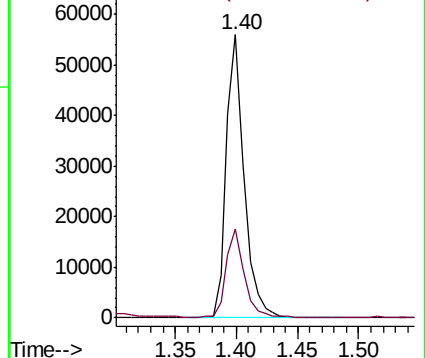
62 100

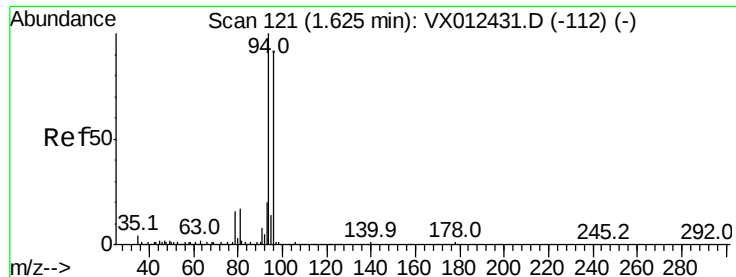
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.463 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

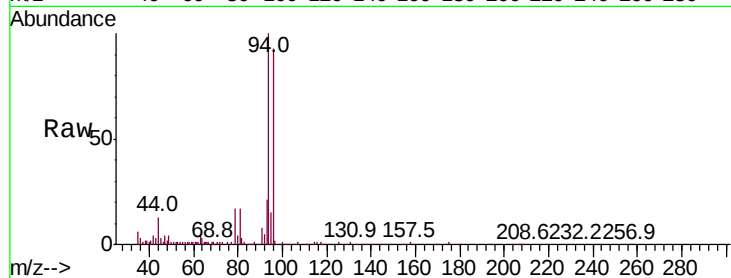
MW2-R2-1MS

Tot Ion: 94 Resp: 21400

Ion Ratio Lower Upper

94 100

96 92.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

20000

15000

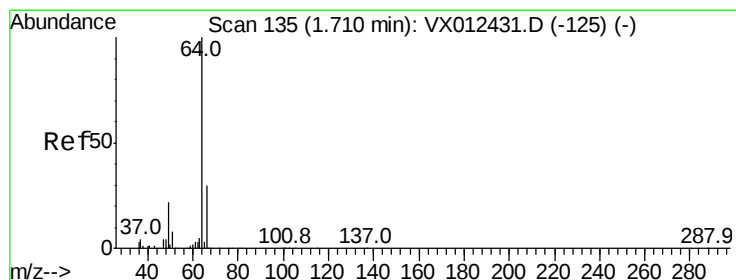
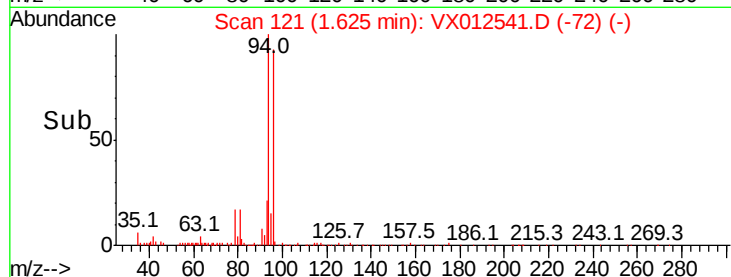
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 45.434 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012541.D

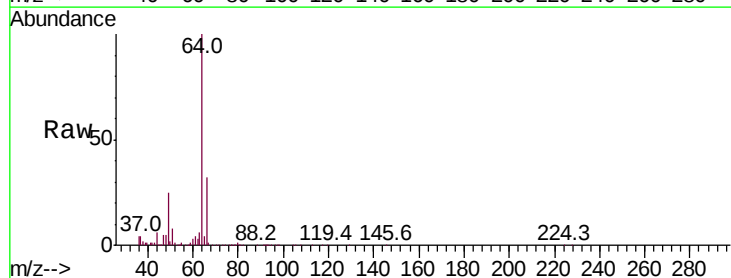
Acq: 19 Sep 2019 20:14

Tgt Ion: 64 Resp: 39961

Ion Ratio Lower Upper

64 100

66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

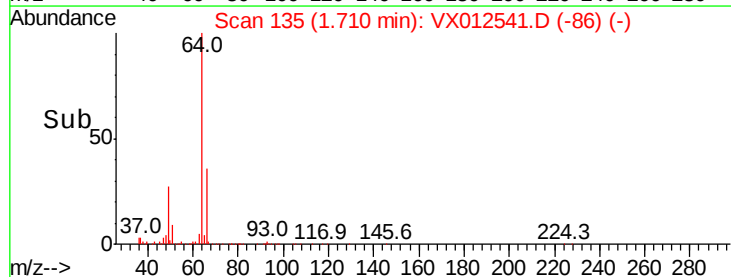
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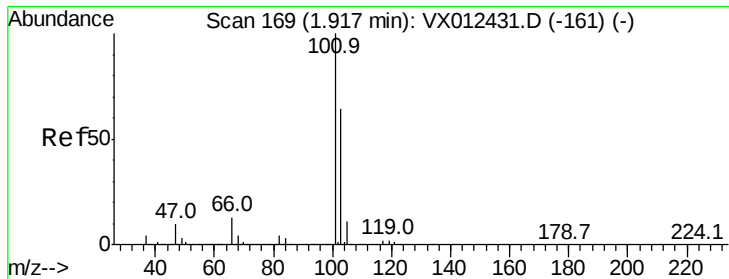
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Time-->

1.65 1.70 1.75 1.80 1.85



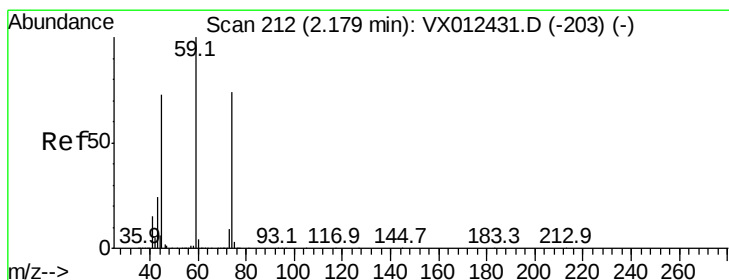
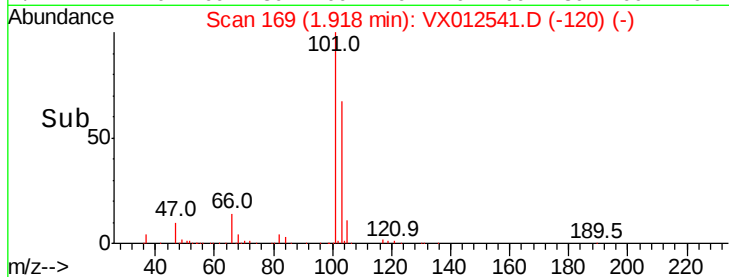
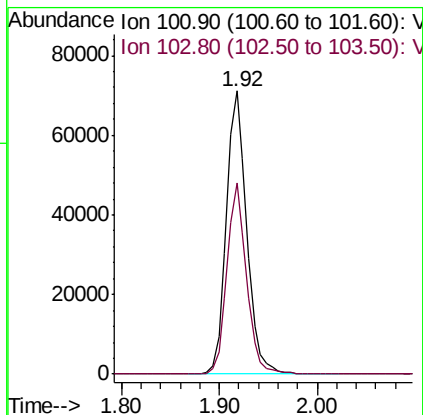
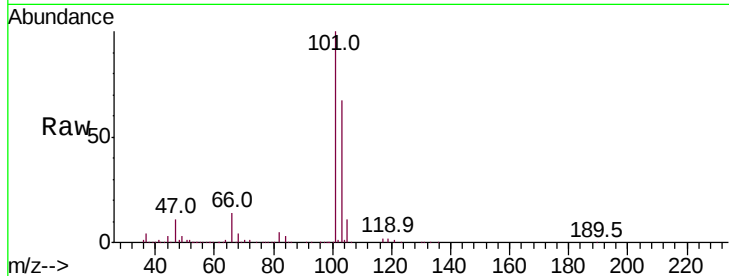


#7

Trichlorofluoromethane
Concen: 49.858 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

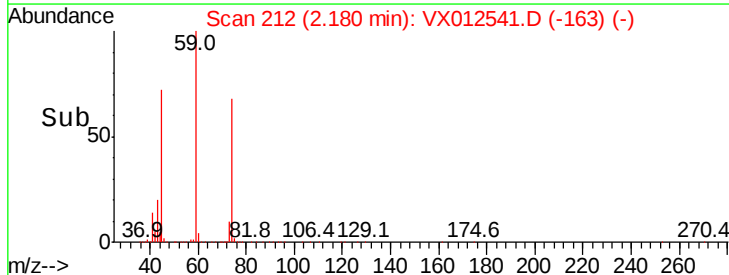
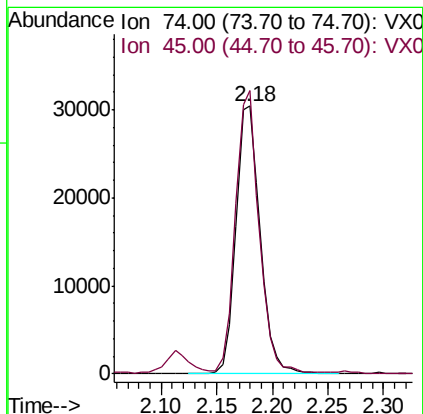
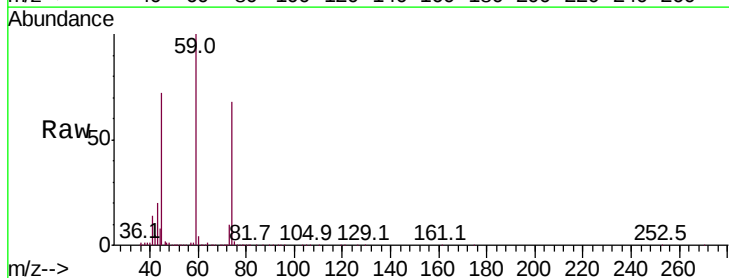
Tot Ion:101 Resp: 102725
Ion Ratio Lower Upper
101 100
103 67.3 51.0 76.4

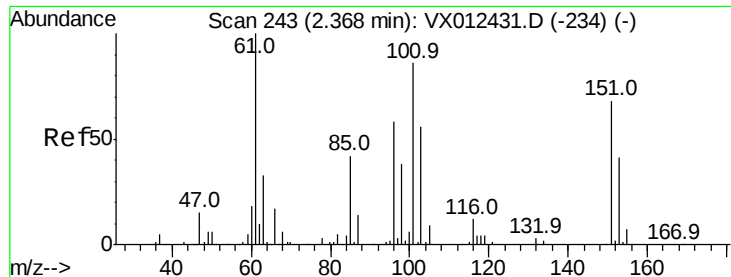


#8

Diethyl Ether
Concen: 49.216 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 74 Resp: 45801
Ion Ratio Lower Upper
74 100
45 102.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.681 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

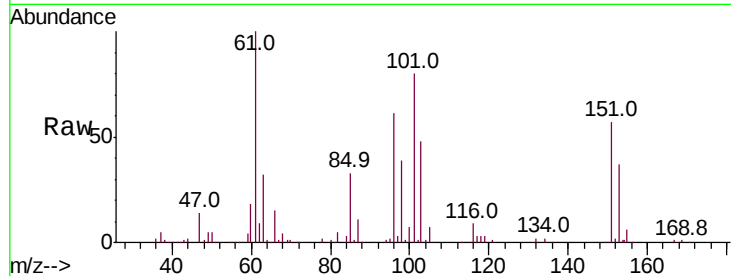
Tot Ion:101 Resp: 72570

Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

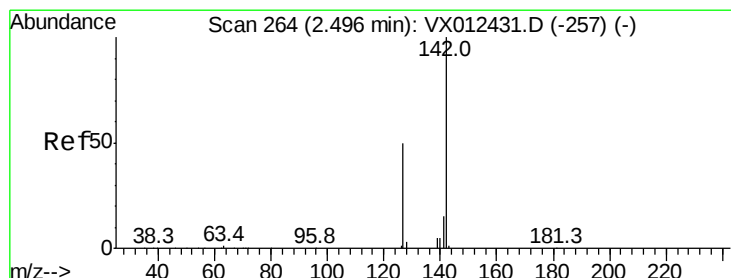
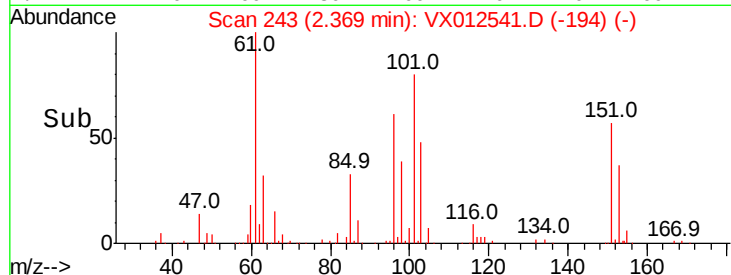
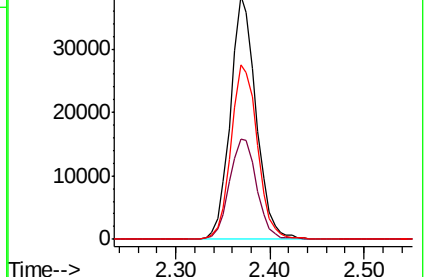
151 73.8 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.952 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

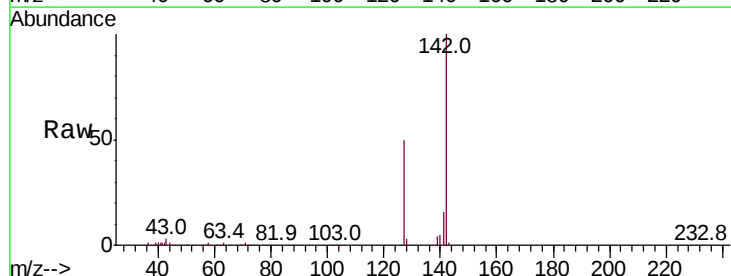
Tgt Ion:142 Resp: 61088

Ion Ratio Lower Upper

142 100

127 48.3 40.8 61.2

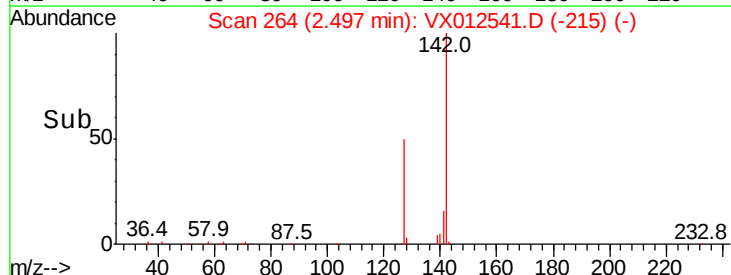
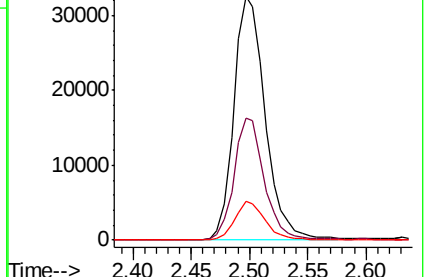
141 15.4 12.1 18.1

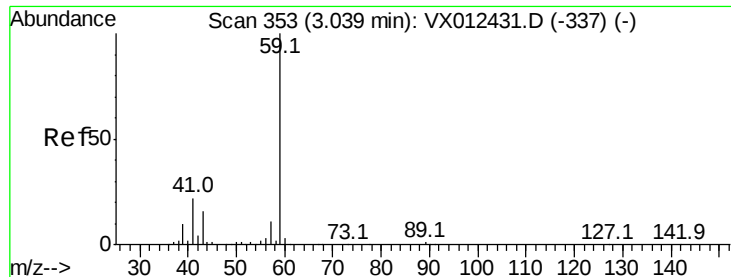


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

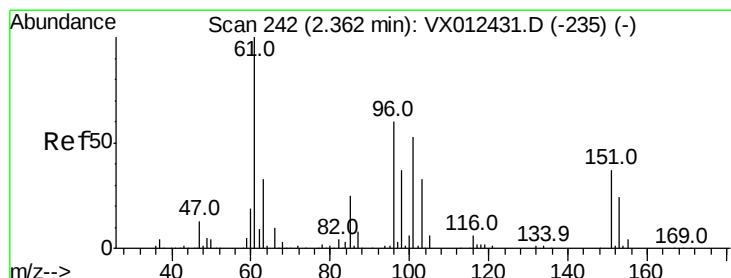
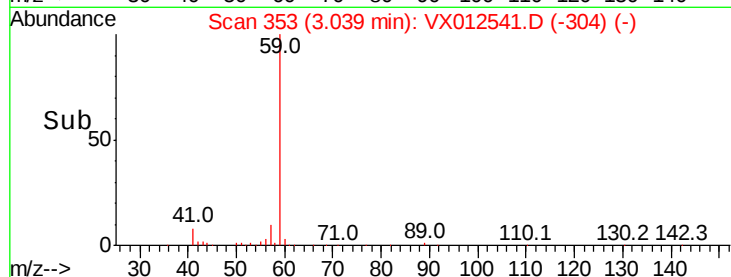
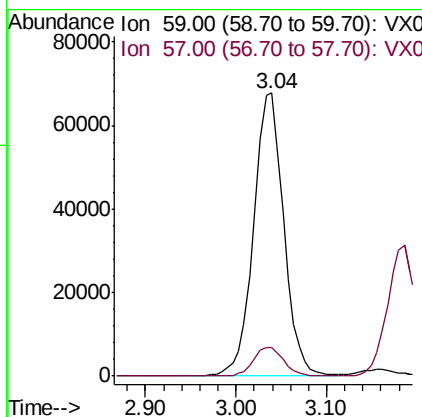
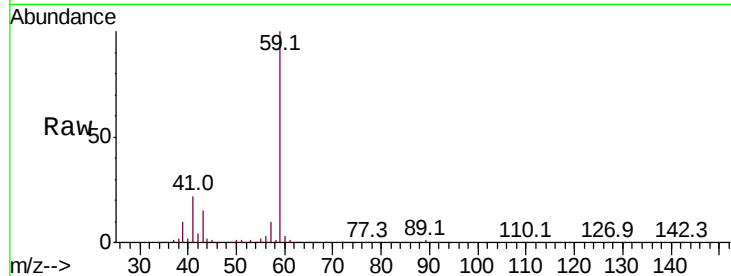




#11
Tert butyl alcohol
Concen: 226.925 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

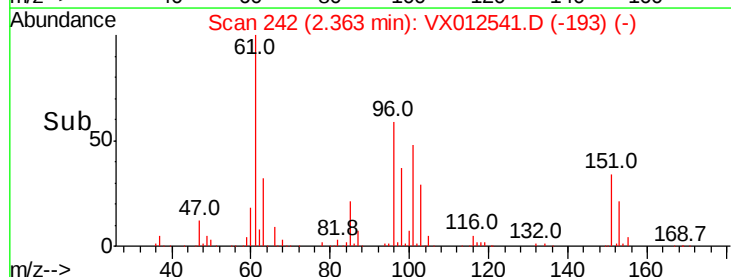
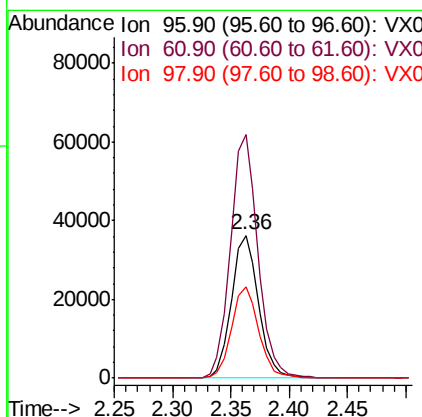
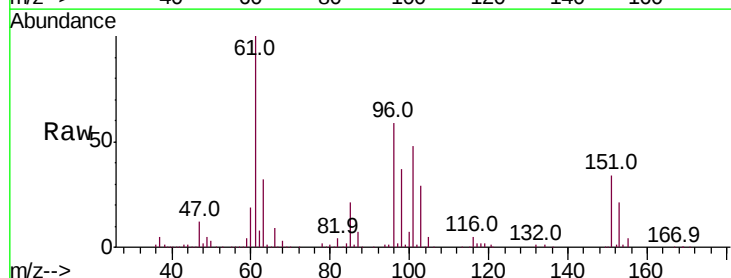
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

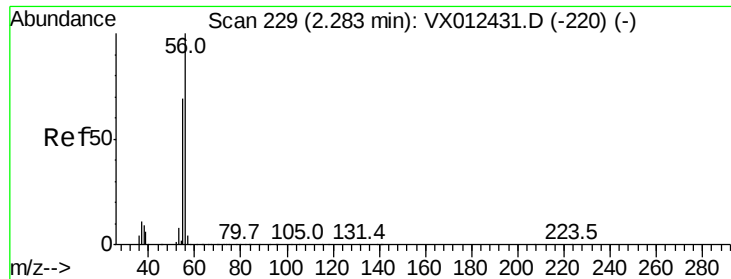
Tot Ion: 59 Resp: 156377
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.657 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 96 Resp: 59053
Ion Ratio Lower Upper
96 100
61 170.2 133.8 200.6
98 63.9 49.9 74.9





#13

Acrolein

Concen: 251.225 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

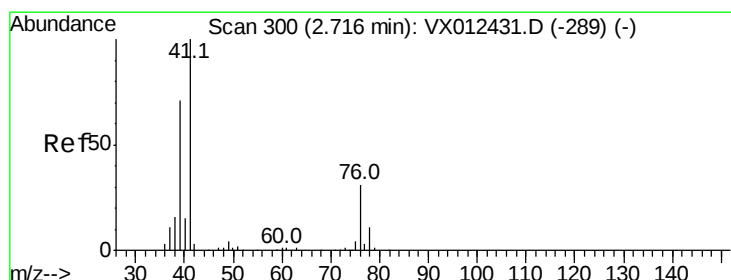
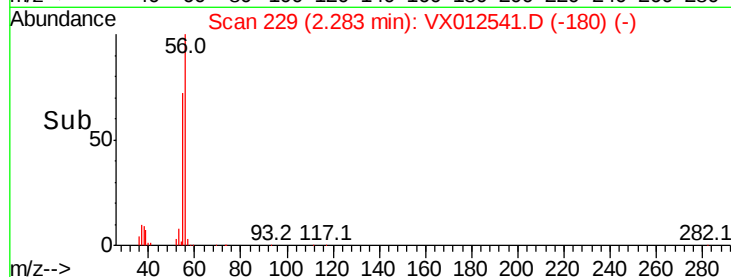
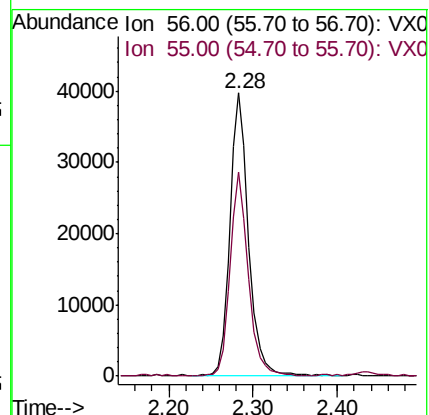
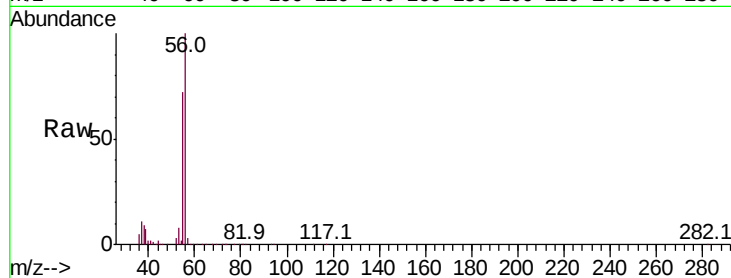
MW2-R2-1MS

Tot Ion: 56 Resp: 59801

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 49.117 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

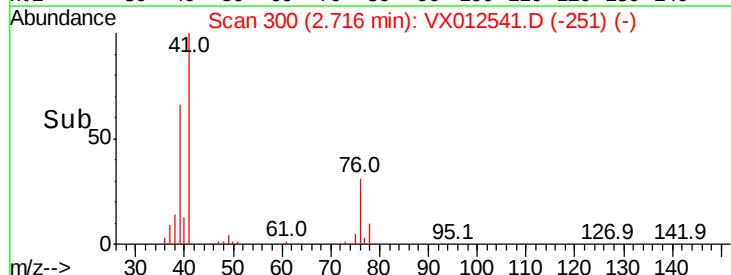
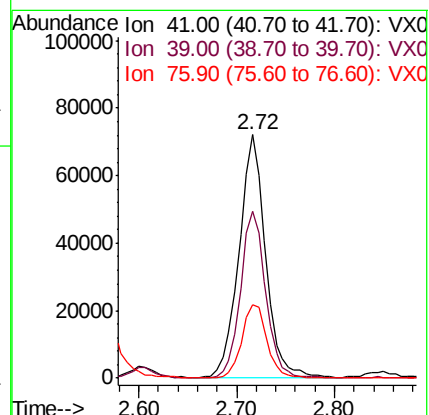
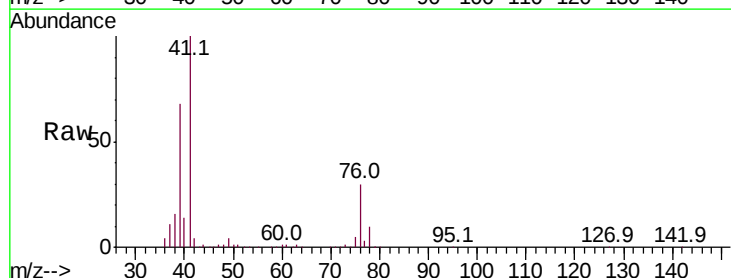
Tgt Ion: 41 Resp: 135988

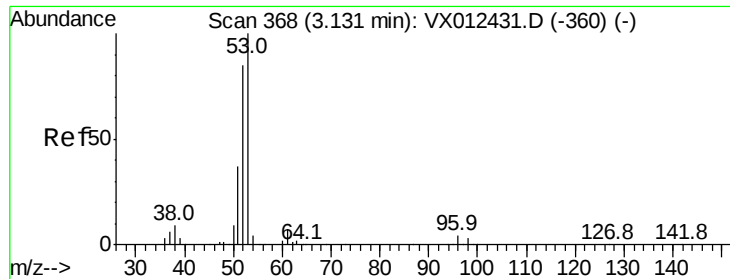
Ion Ratio Lower Upper

41 100

39 64.4 51.3 76.9

76 28.7 22.6 33.8

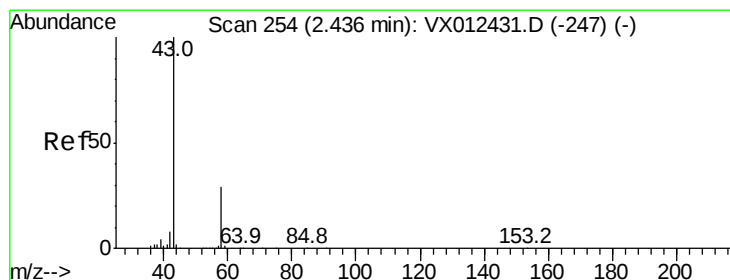
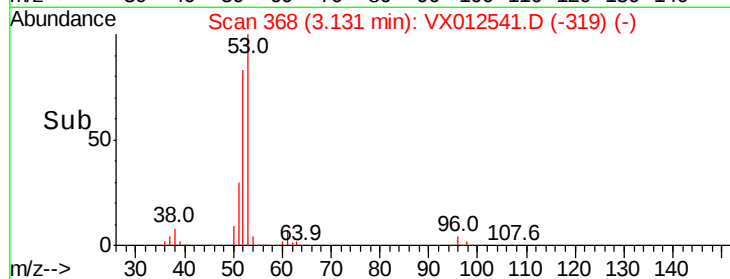
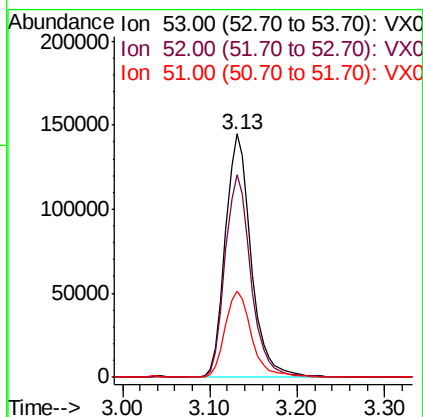
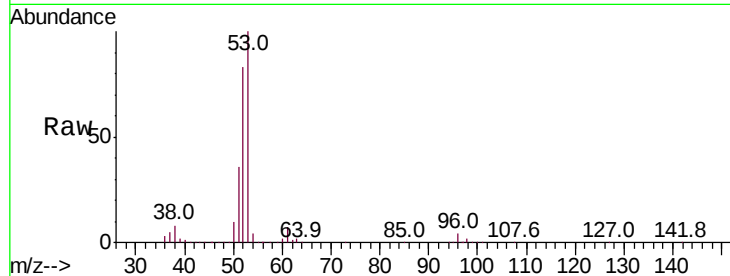




#15
 Acrylonitrile
 Concen: 252.936 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

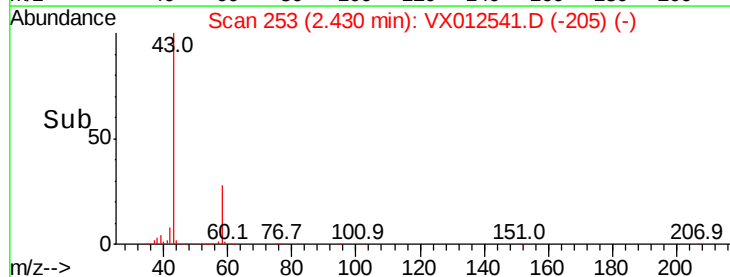
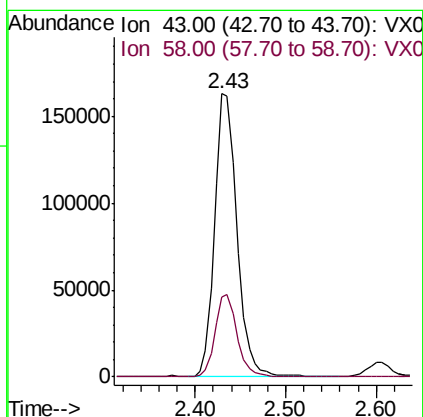
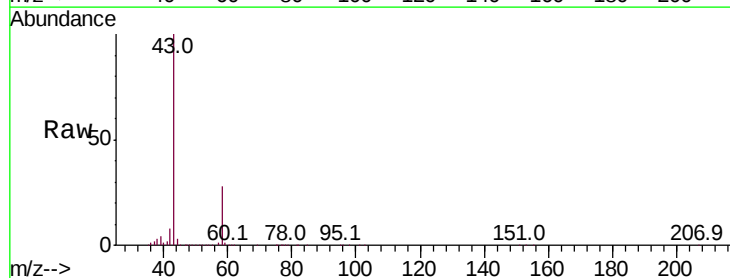
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

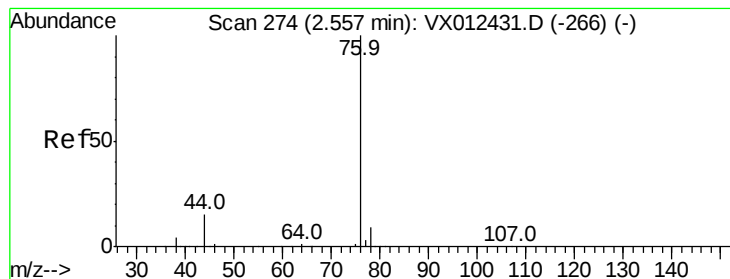
Tot Ion	53	Resp	297136
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.0	100.4
51	36.5	29.6	44.4



#16
 Acetone
 Concen: 226.582 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	43	Resp	281587
Ion Ratio	Lower	Upper	
43	100		
58	28.3	23.3	34.9





#17

Carbon Disulfide

Concen: 43.971 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

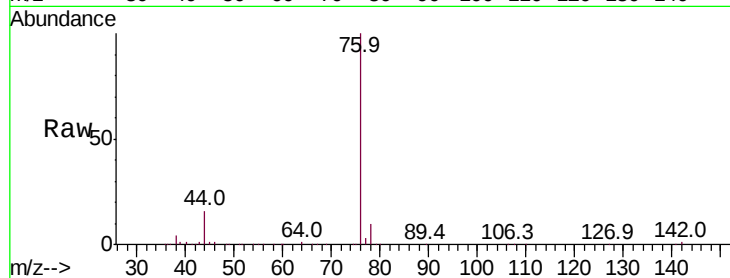
MW2-R2-1MS

Tot Ion: 76 Resp: 73571

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

30000

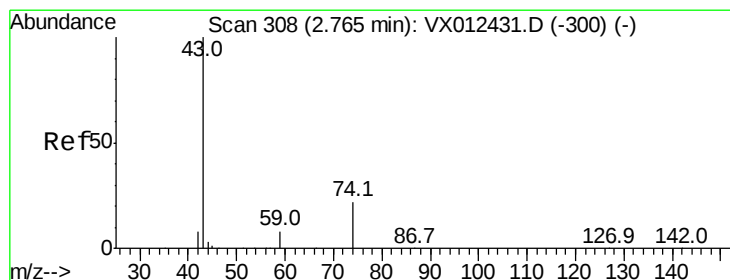
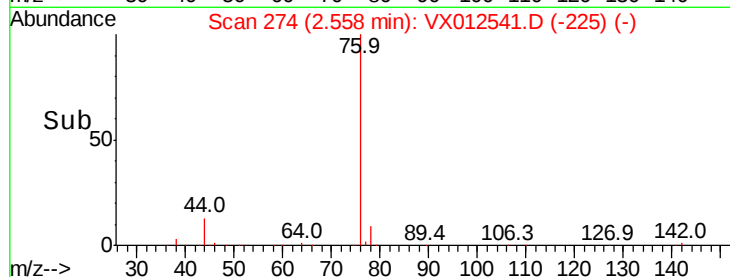
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 47.928 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012541.D

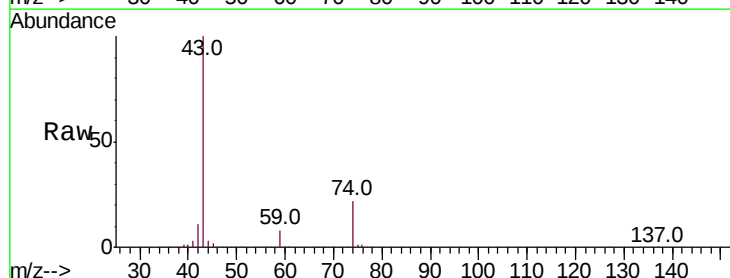
Acq: 19 Sep 2019 20:14

Tgt Ion: 43 Resp: 135392

Ion Ratio Lower Upper

43 100

74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

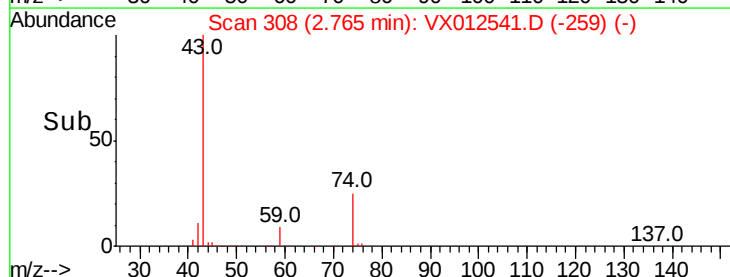
40000

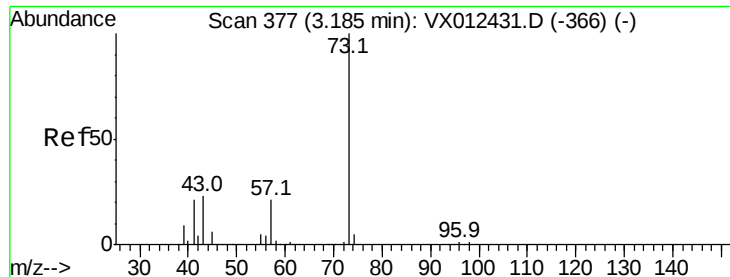
20000

0

Time-->

2.70 2.80 2.90

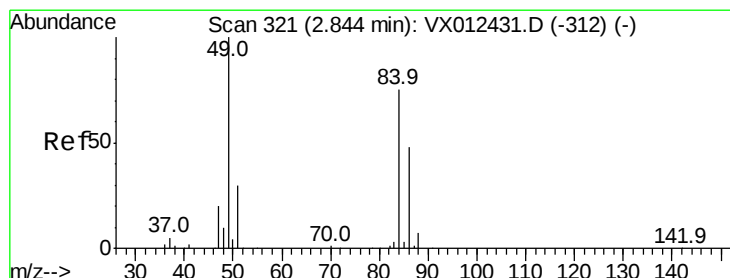
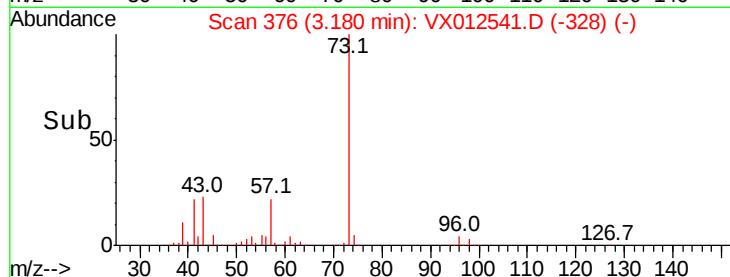
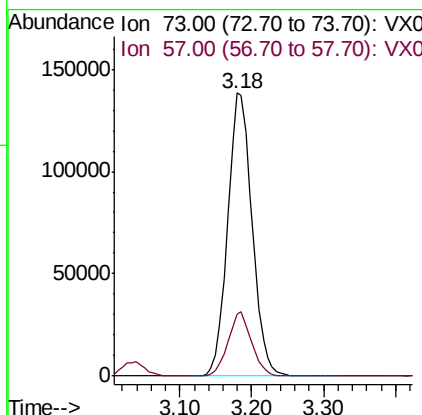
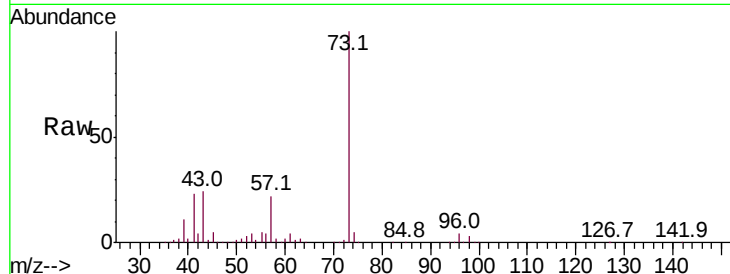




#19
Methyl tert-butyl Ether
Concen: 50.322 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

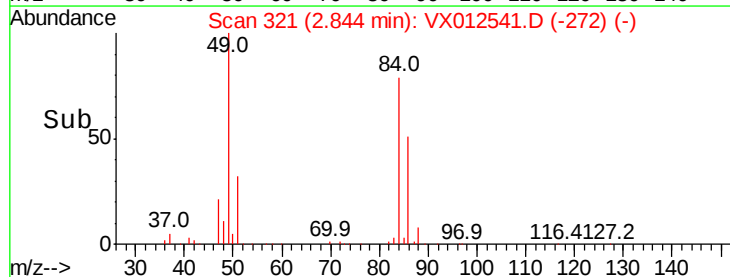
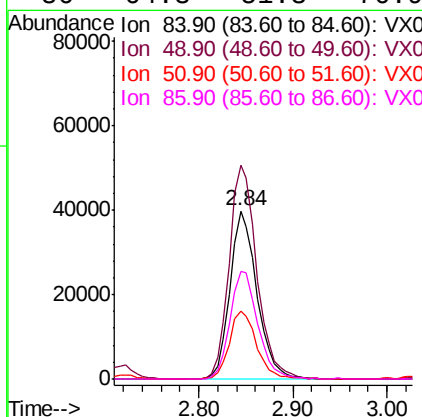
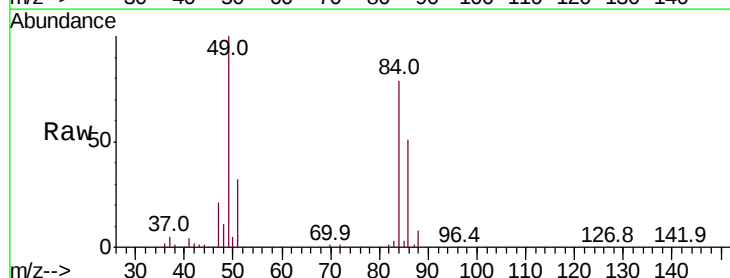
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

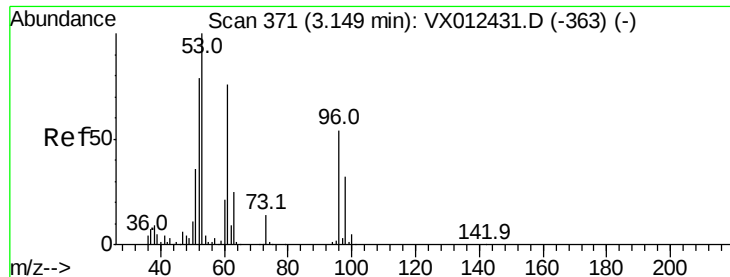
Tot Ion: 73 Resp: 326287
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 48.322 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 84 Resp: 79279
Ion Ratio Lower Upper
84 100
49 126.9 106.8 160.2
51 40.3 32.3 48.5
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.715 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

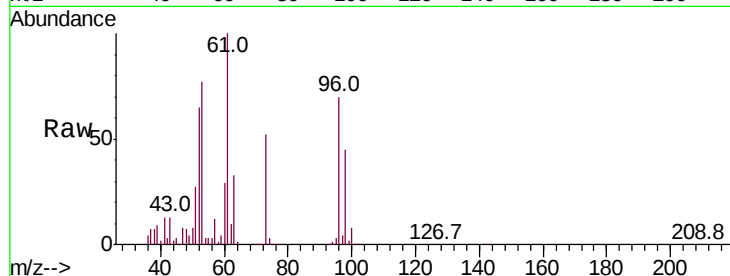
Tot Ion: 96 Resp: 62628

Ion Ratio Lower Upper

96 100

61 142.1 112.0 168.0

98 63.7 47.8 71.8

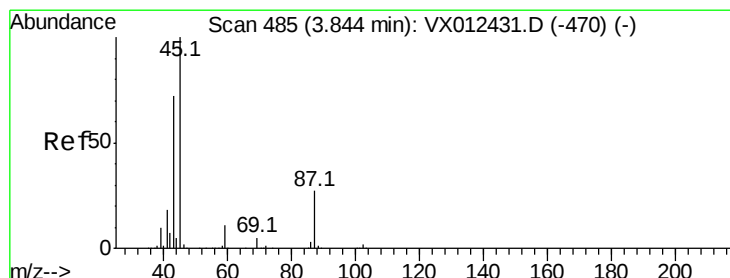
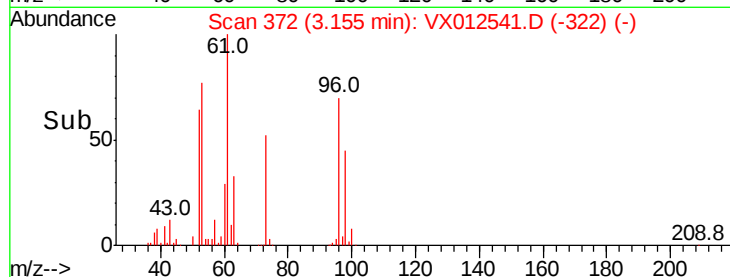
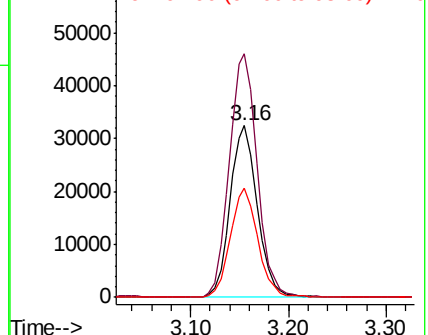


Abundance

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: 50.347 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion: 45 Resp: 326381

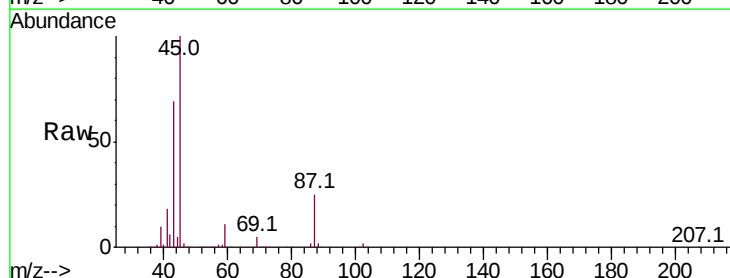
Ion Ratio Lower Upper

45 100

43 68.8 57.8 86.8

87 25.0 21.3 31.9

59 10.9 8.5 12.7



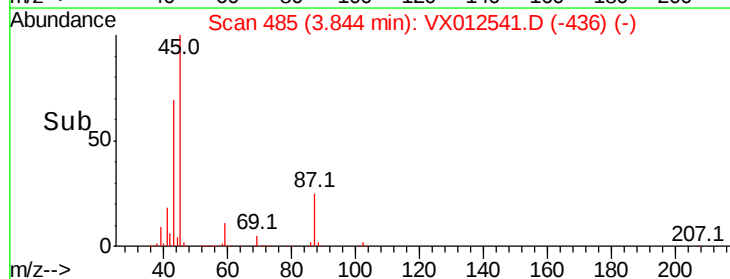
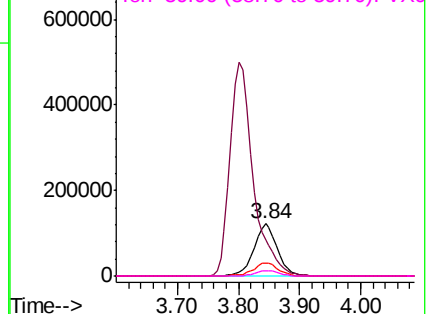
Abundance

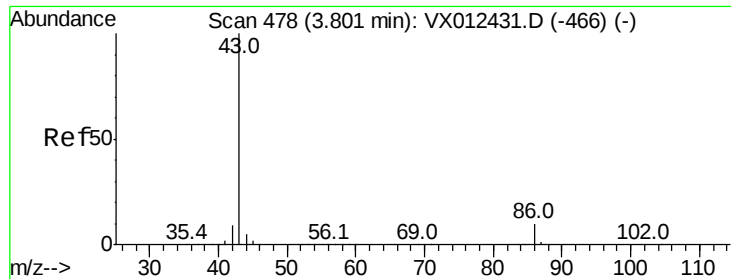
Ion 45.00 (44.70 to 45.70): VX0

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: 245.410 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

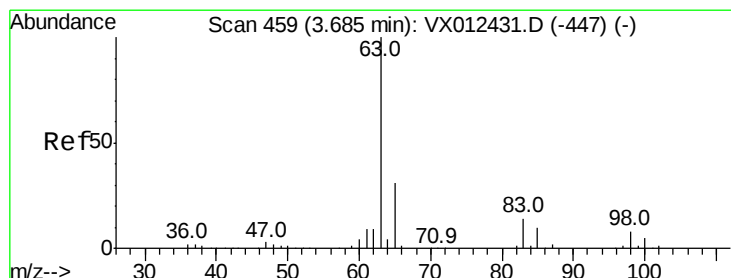
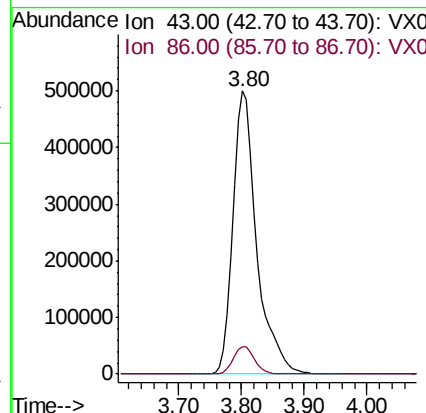
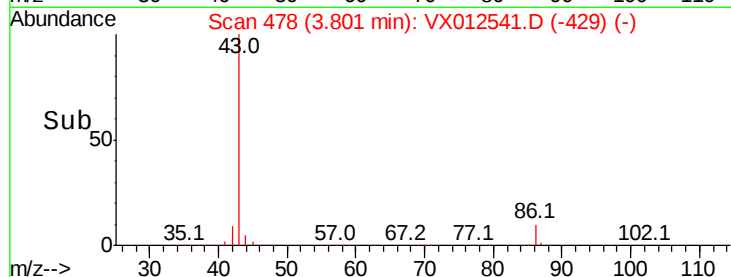
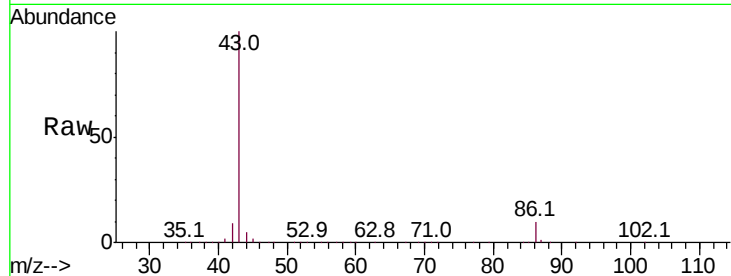
MW2-R2-1MS

Tot Ion: 43 Resp: 1308675

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 50.870 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

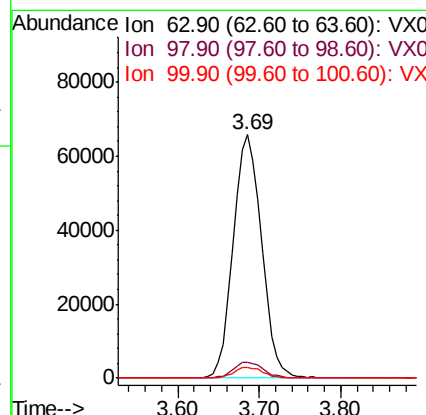
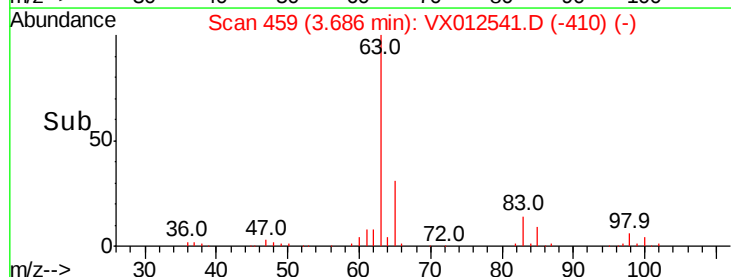
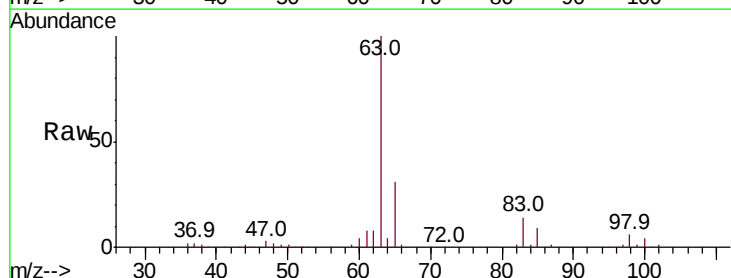
Tgt Ion: 63 Resp: 157783

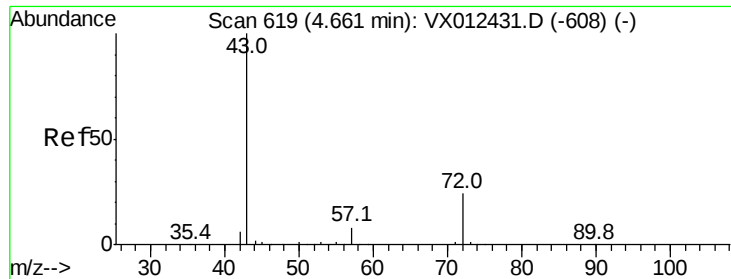
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.7

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 232.871 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

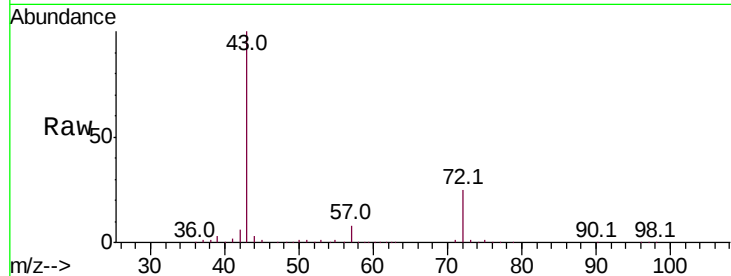
MW2-R2-1MS

Tot Ion: 43 Resp: 437907

Ion Ratio Lower Upper

43 100

72 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

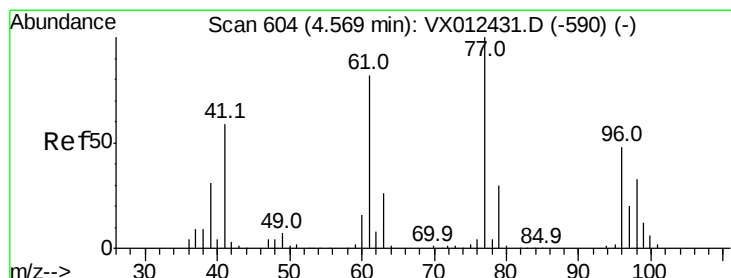
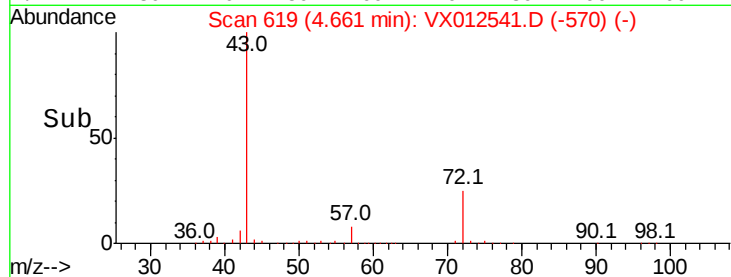
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 39.176 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012541.D

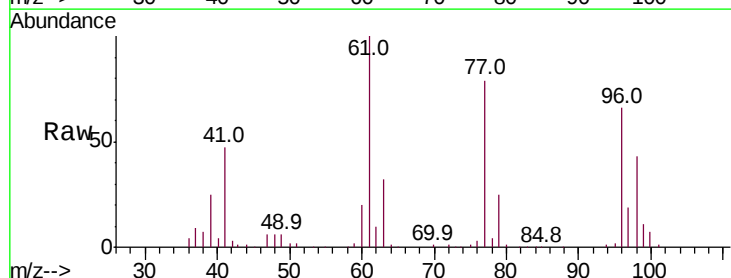
Acq: 19 Sep 2019 20:14

Tgt Ion: 77 Resp: 119502

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

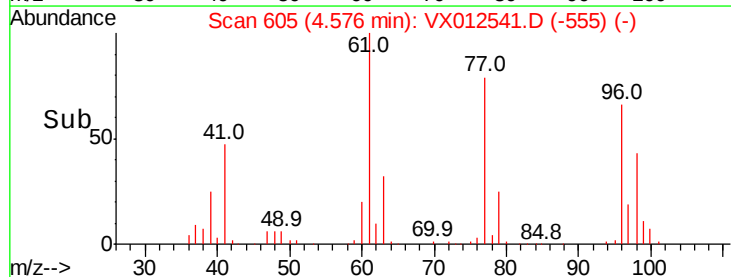
30000

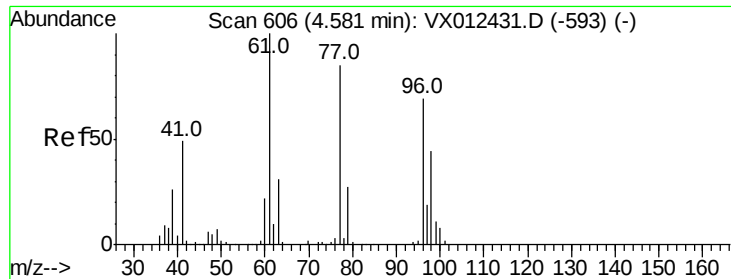
20000

10000

0

Time-->



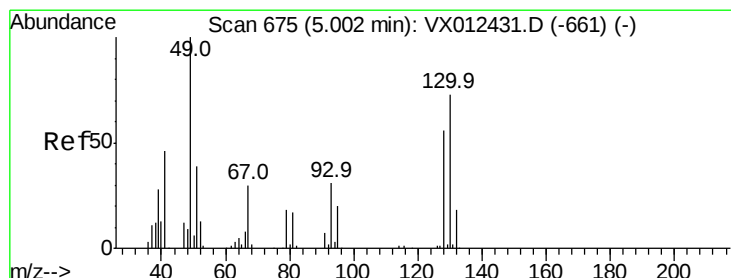
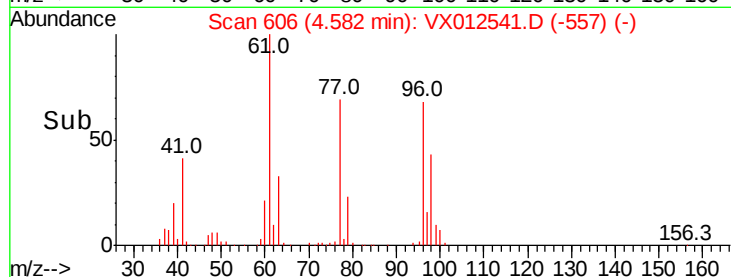
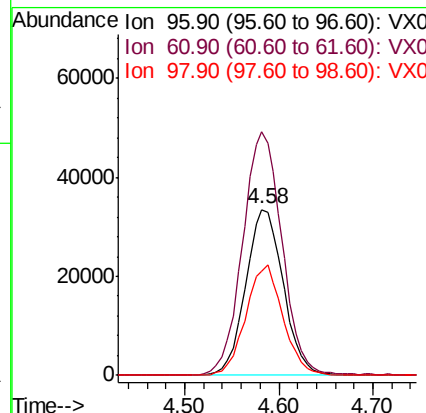
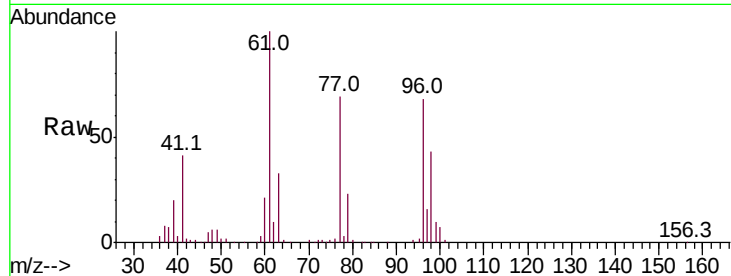


#27

cis-1,2-Dichloroethene
 Concen: 50.781 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

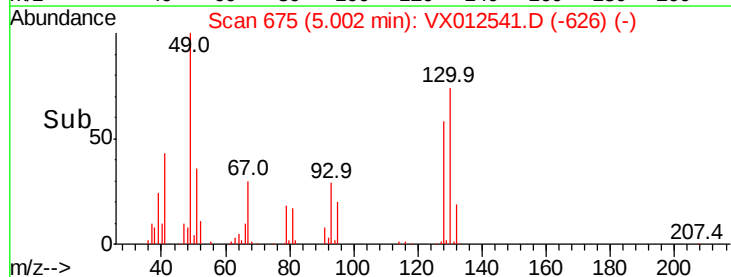
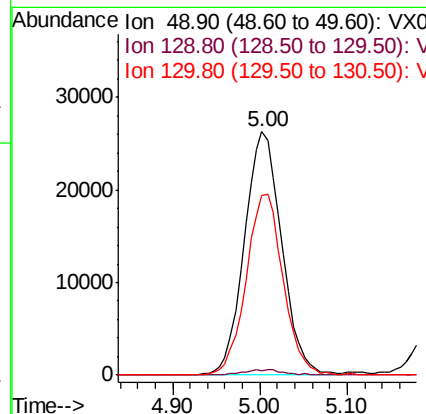
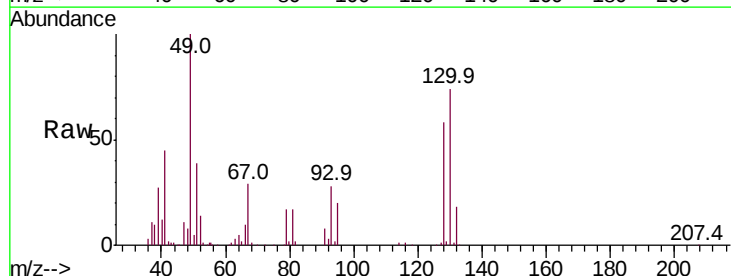
Tot Ion: 96 Resp: 93678
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 319.4
 98 65.7 0.0 130.6

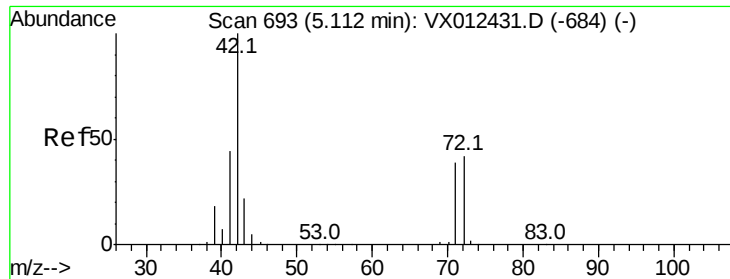


#28

Bromochloromethane
 Concen: 48.842 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion: 49 Resp: 78100
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 73.2 58.2 87.4

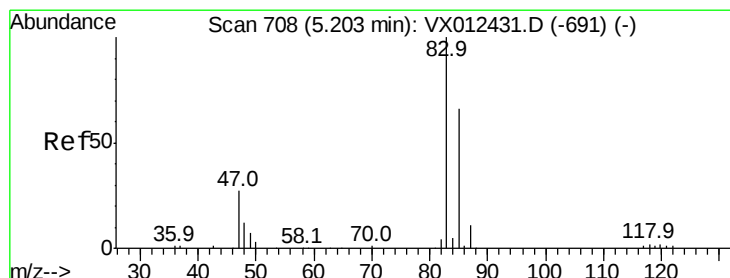
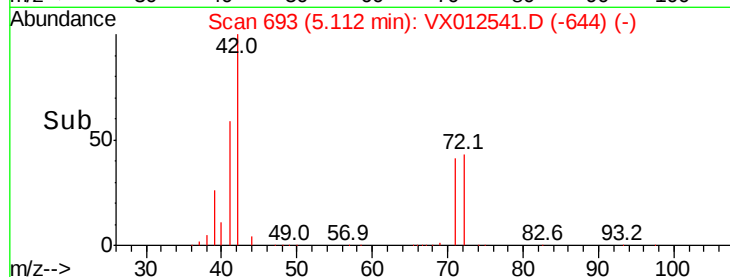
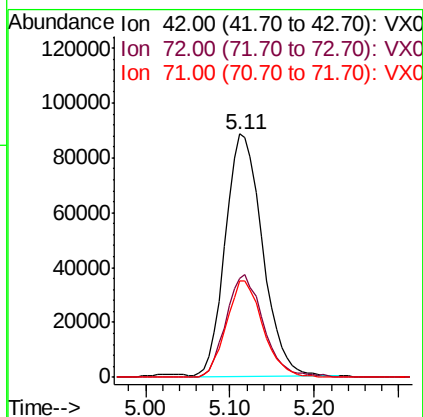
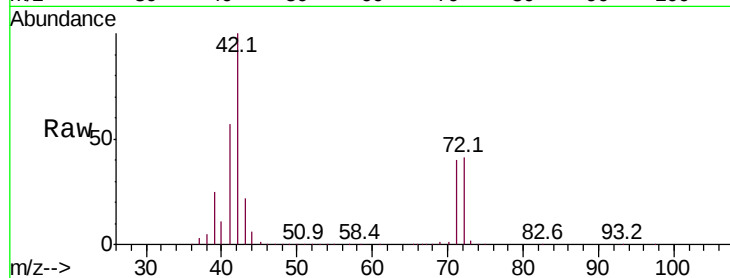




#29
Tetrahydrofuran
Concen: 255.883 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

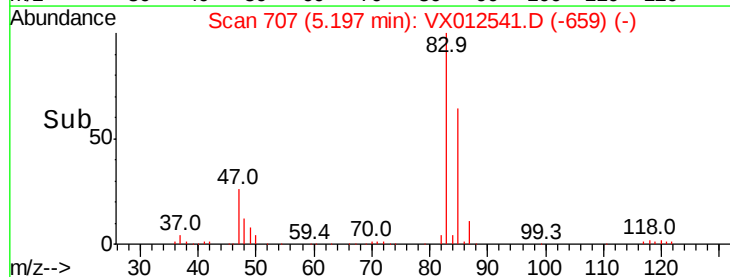
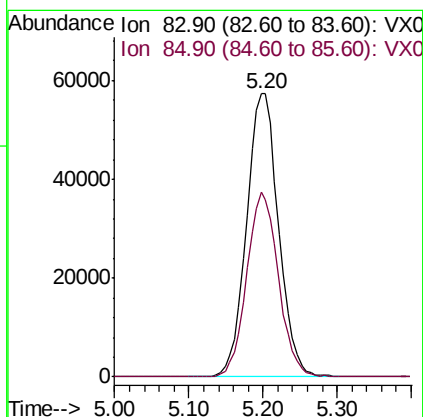
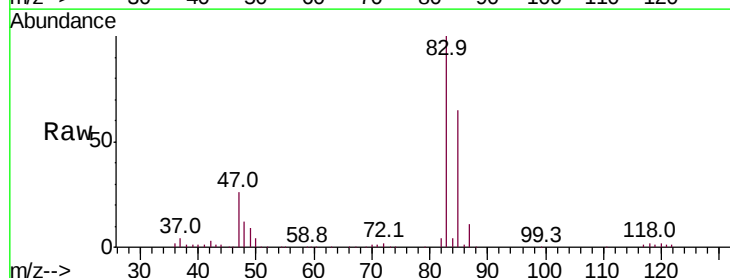
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

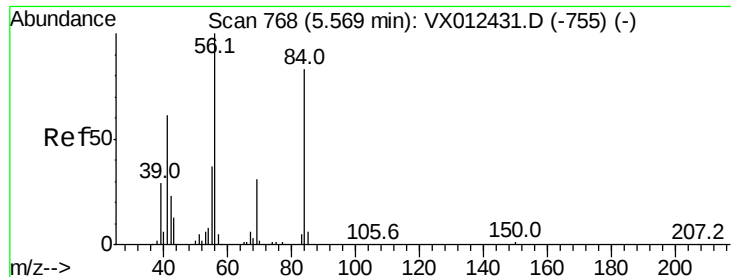
Tot Ion: 42 Resp: 265823
Ion Ratio Lower Upper
42 100
72 42.8 34.0 51.0
71 39.3 31.5 47.3



#30
Chloroform
Concen: 48.573 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 83 Resp: 173026
Ion Ratio Lower Upper
83 100
85 65.3 53.0 79.4

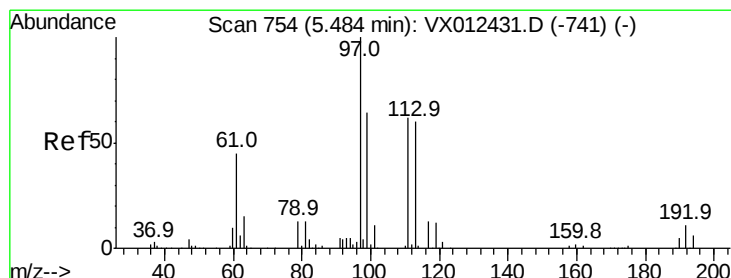
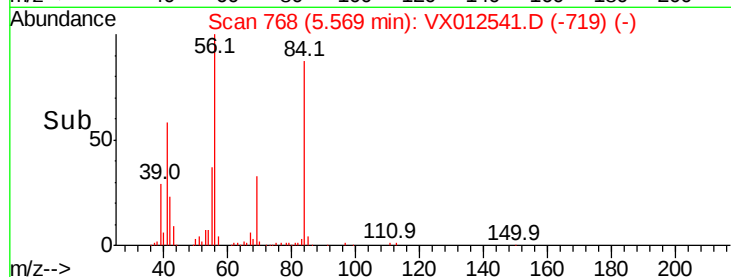
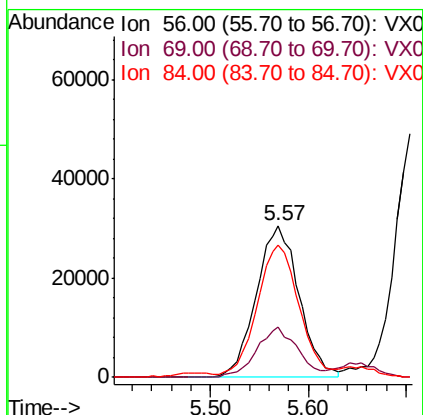
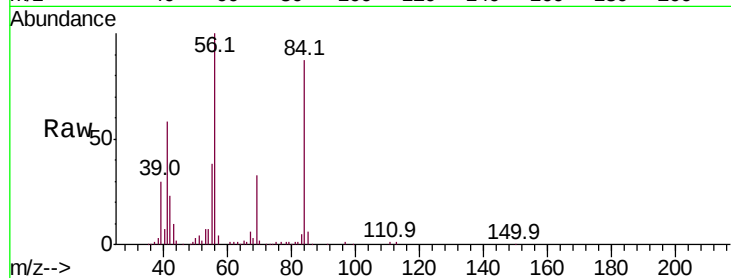




#31
Cyclohexane
Concen: 49.663 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

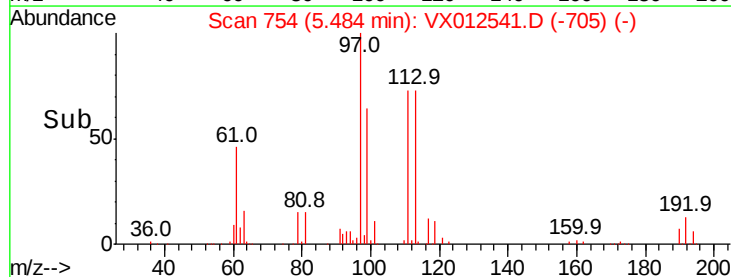
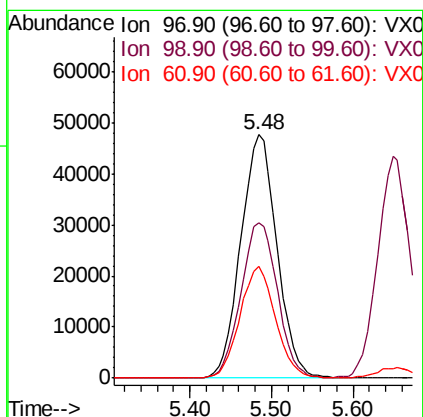
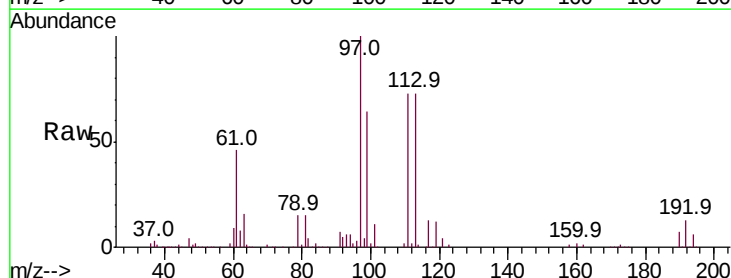
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

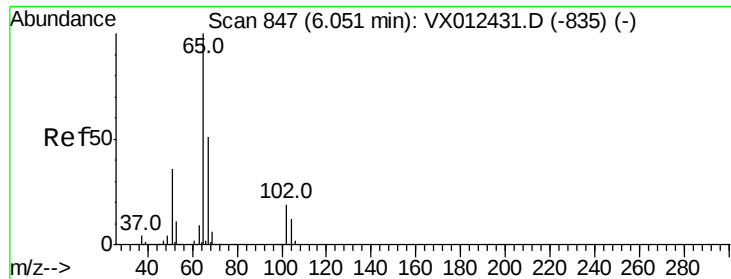
Tot Ion: 56 Resp: 92987
Ion Ratio Lower Upper
56 100
69 33.1 25.0 37.6
84 84.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.352 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 97 Resp: 146933
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 45.3 36.1 54.1

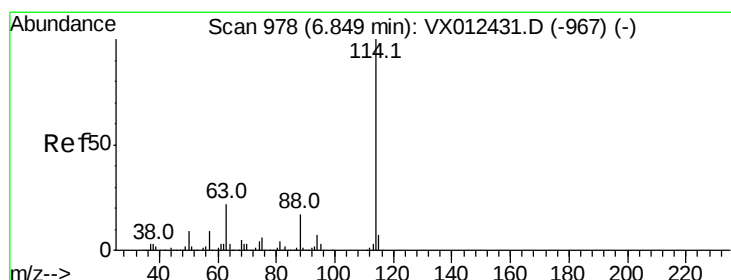
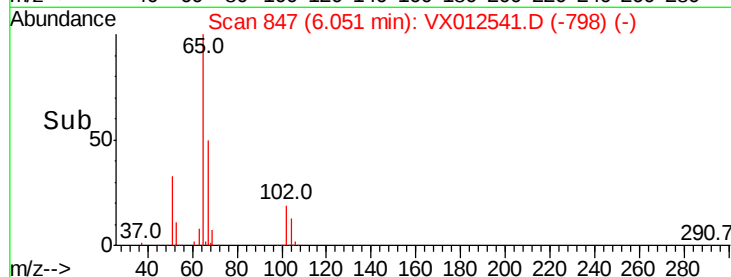
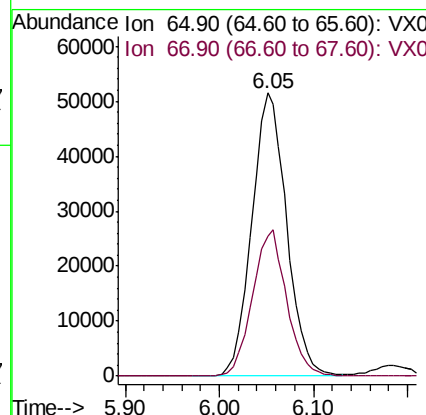
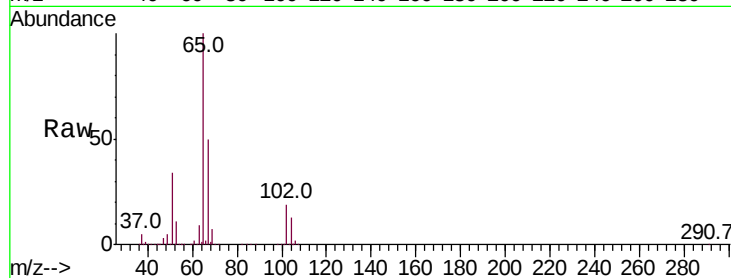




#33
 1,2-Dichloroethane-d4
 Concen: 49.206 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

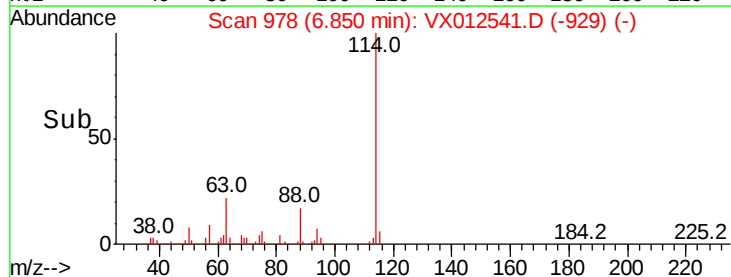
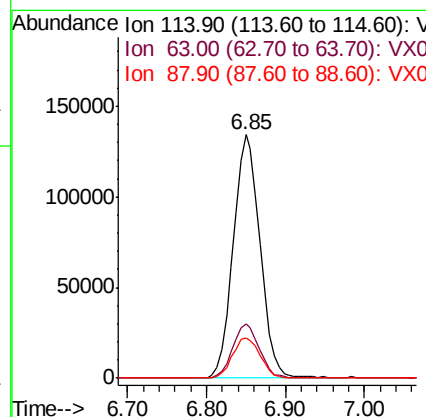
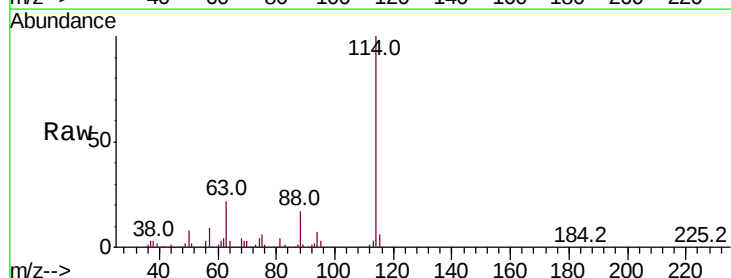
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

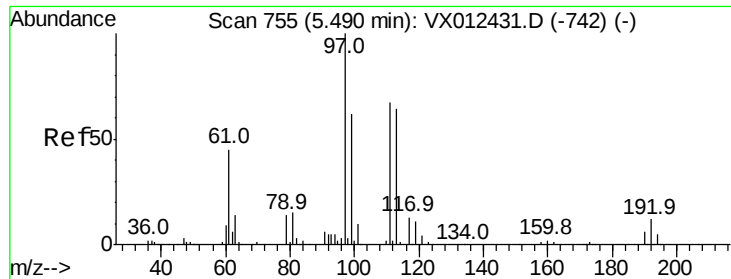
Tot Ion: 65 Resp: 133393
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion: 114 Resp: 316943
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

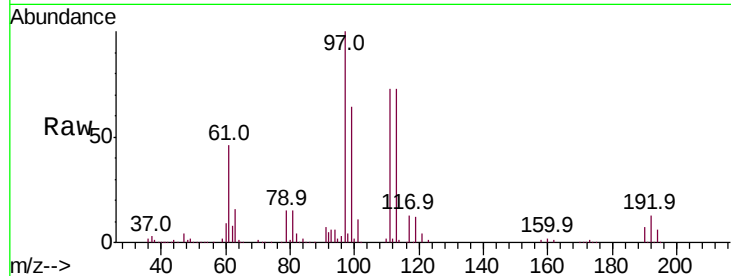
Tot Ion:113 Resp: 99129

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

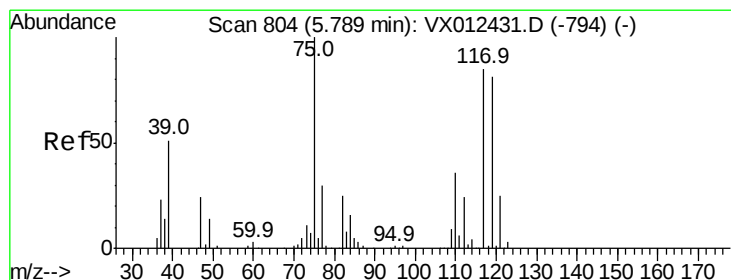
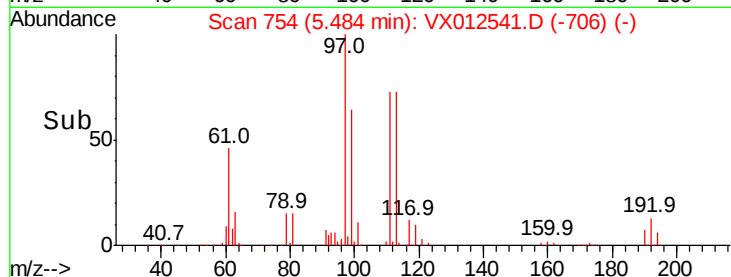
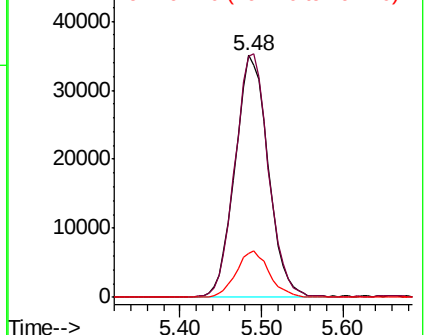
192 19.1 14.4 21.6



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: 49.846 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

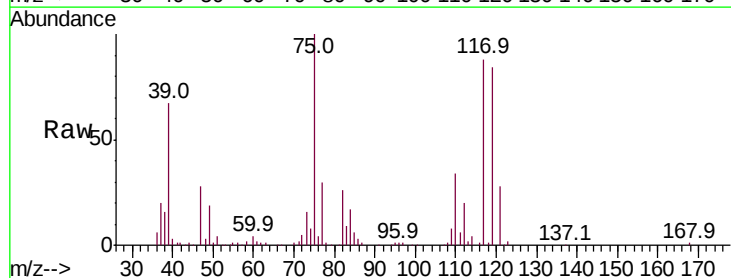
Tgt Ion: 75 Resp: 96015

Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.0

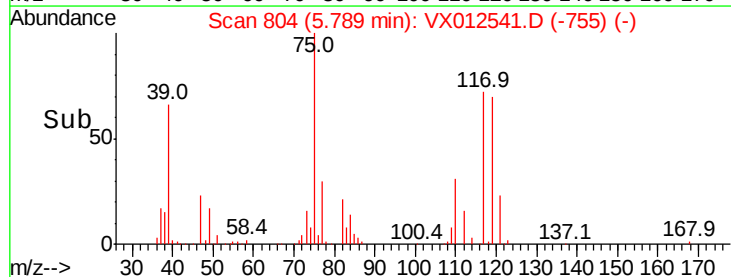
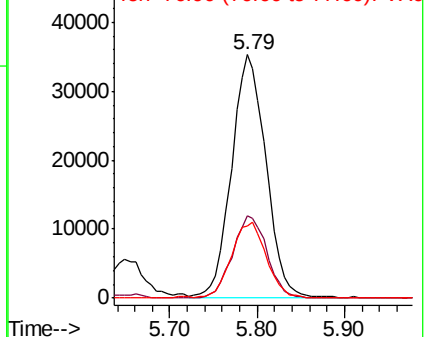
77 32.0 24.2 36.2

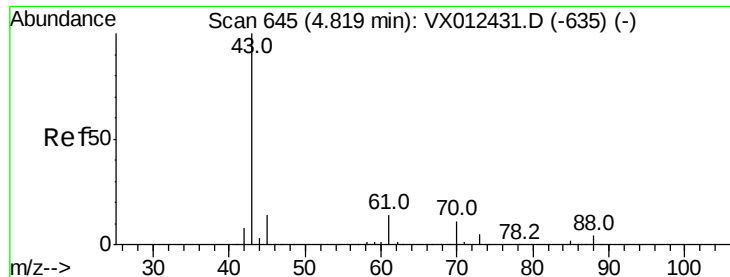


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.222 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

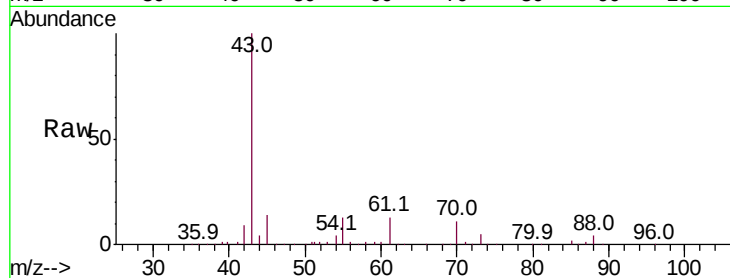
Tot Ion: 43 Resp: 151450

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.4

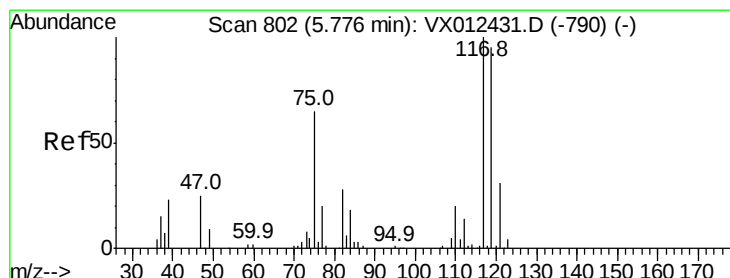
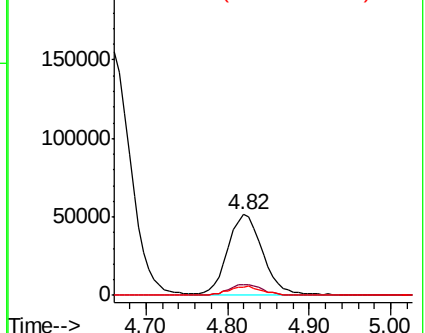
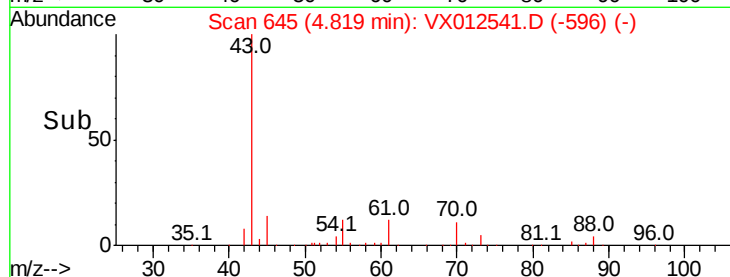
70 11.0 8.7 13.1



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: 49.146 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

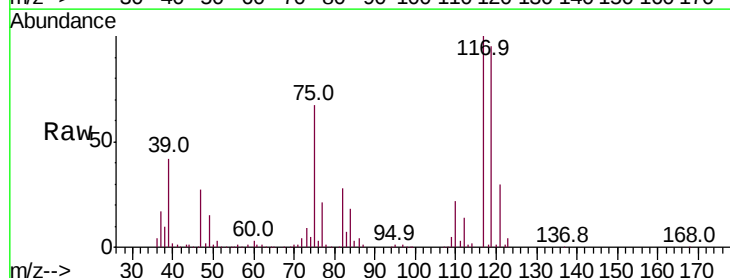
Tgt Ion: 117 Resp: 117740

Ion Ratio Lower Upper

117 100

119 95.3 75.7 113.5

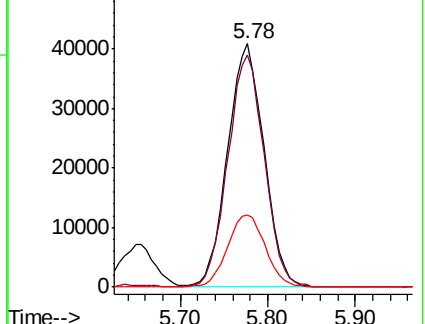
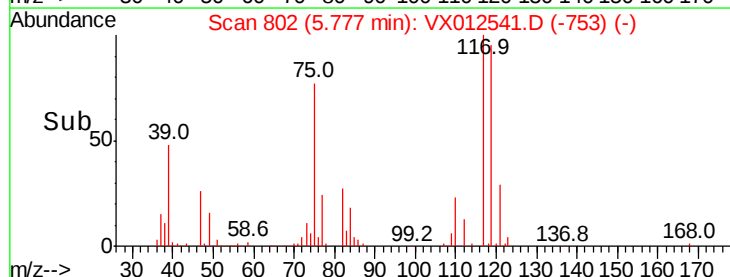
121 29.9 24.2 36.4

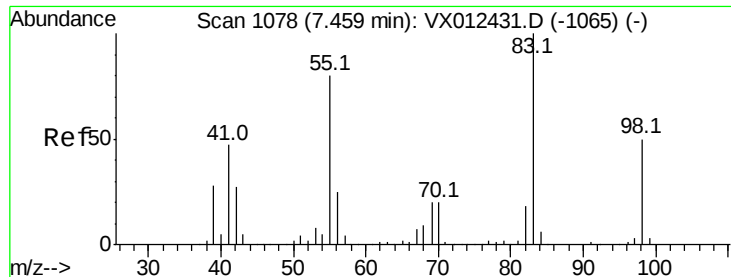


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

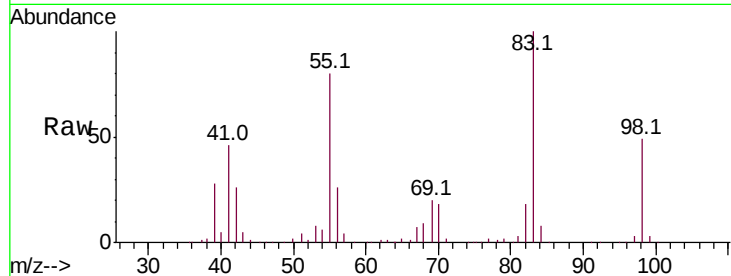




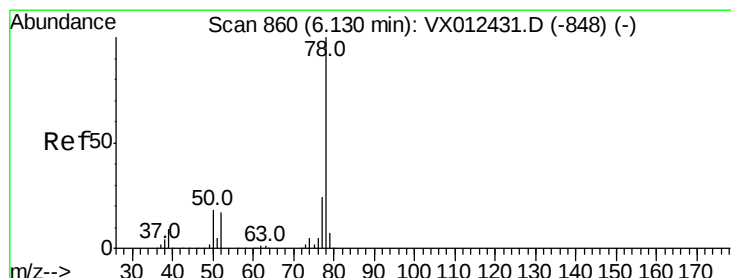
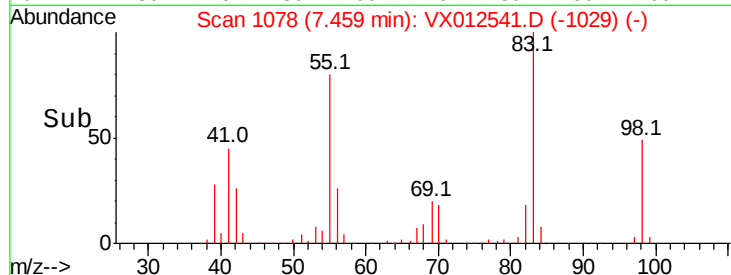
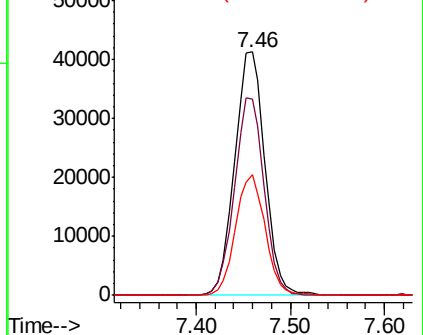
#39
Methvlcvclohexane
Concen: 49.422 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion: 83 Resp: 92545
Ion Ratio Lower Upper
83 100
55 80.2 64.4 96.6
98 49.4 40.1 60.1

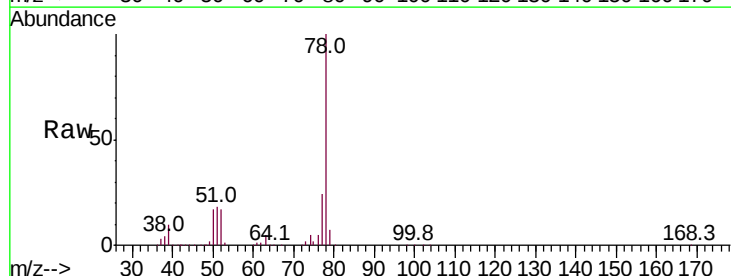


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

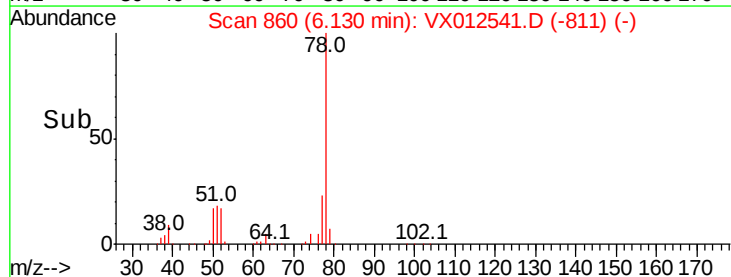
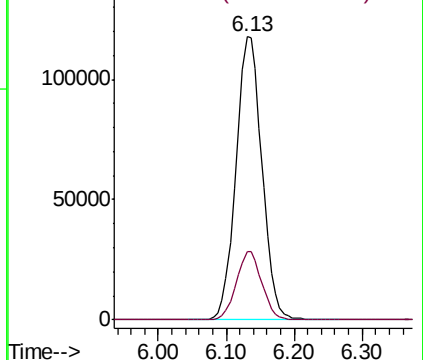


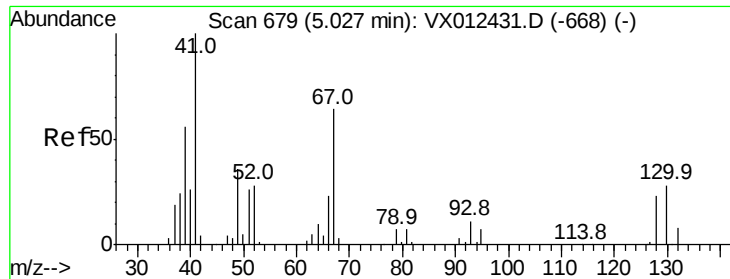
#40
Benzene
Concen: 51.067 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 78 Resp: 312799
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

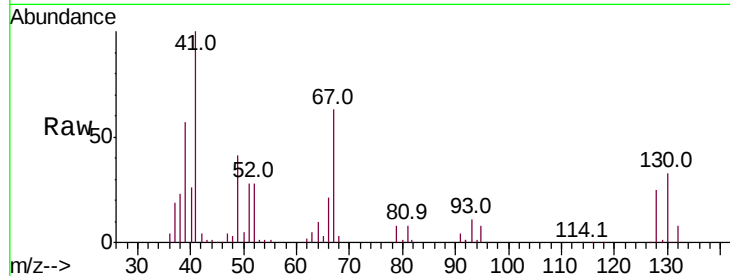




#41
Methacrylonitrile
Concen: 48.796 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion:	41	Resp:	92900
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.0	69.0
67	67.4	52.2	78.2
52	29.3	22.7	34.1



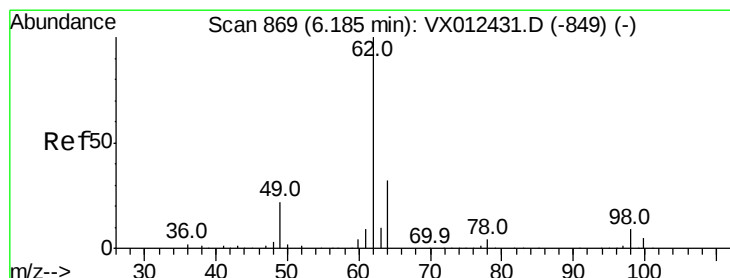
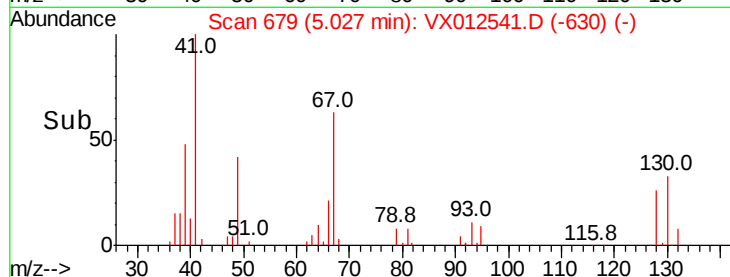
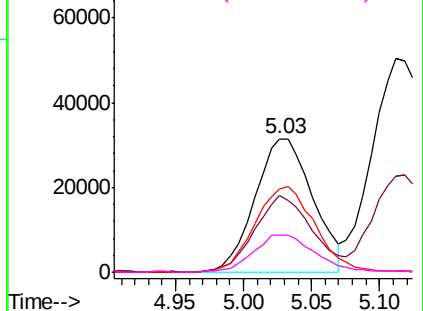
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

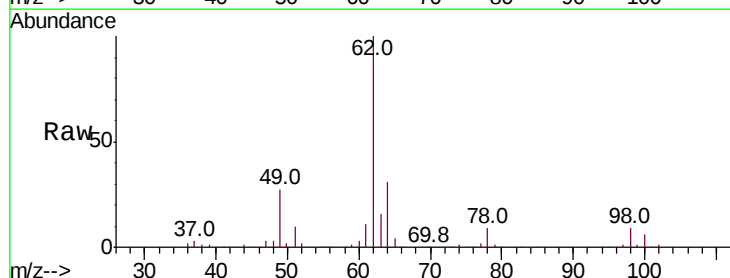
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.362 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

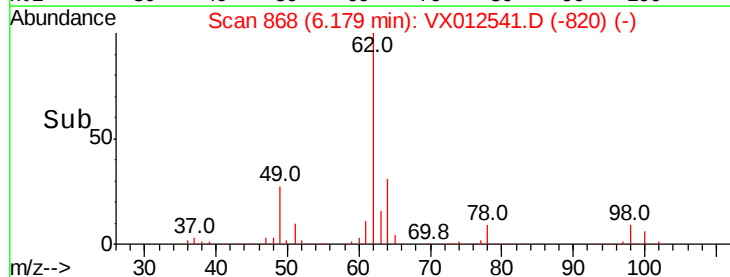
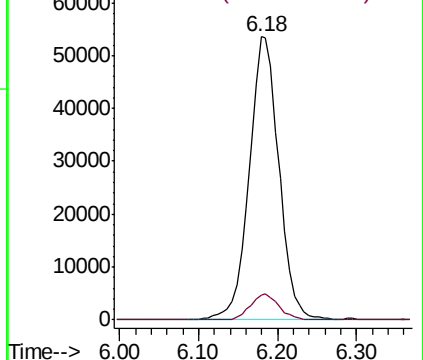
Tgt Ion:	62	Resp:	140239
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8

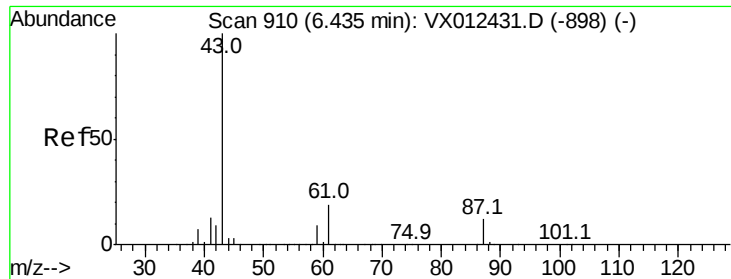


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.133 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

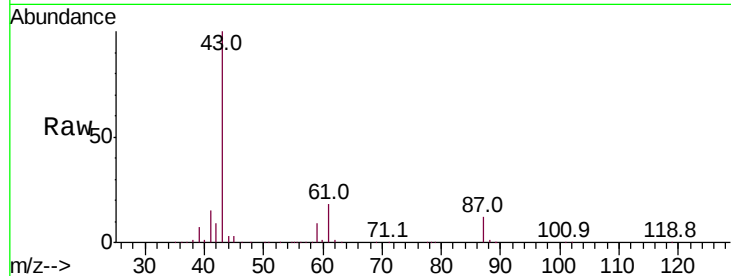
MSVOA_X

ClientSampled :

MW2-R2-1MS

Tot Ion: 43 Resp: 266046

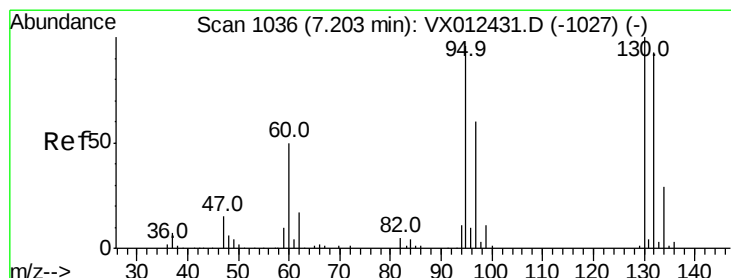
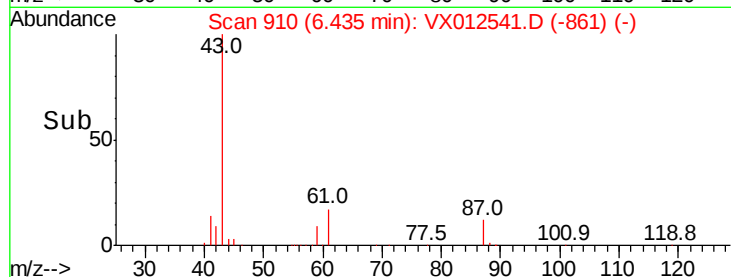
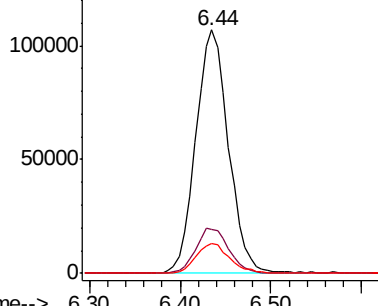
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.7	9.8	14.8



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: 51.957 ug/l

RT: 7.21 min Scan# 1037

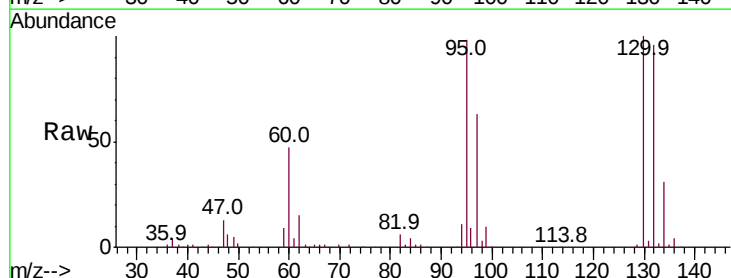
Delta R.T. 0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

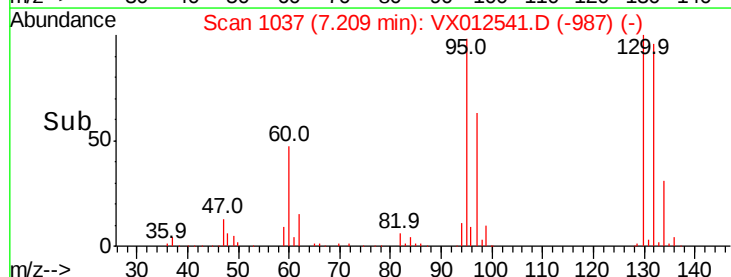
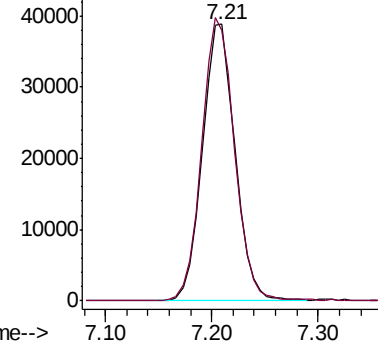
Tgt Ion:130 Resp: 83717

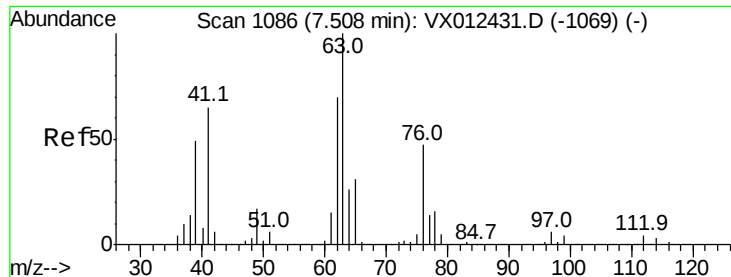
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.551 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

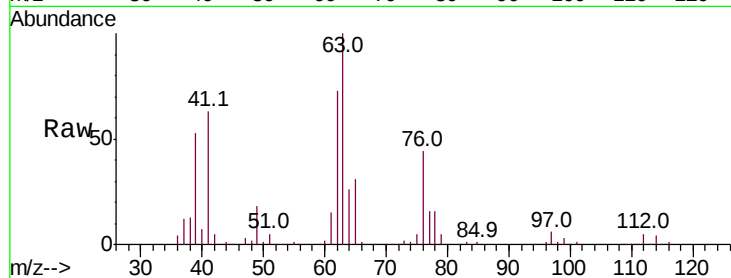
MW2-R2-1MS

Tot Ion: 63 Resp: 95130

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

50000

40000

30000

20000

10000

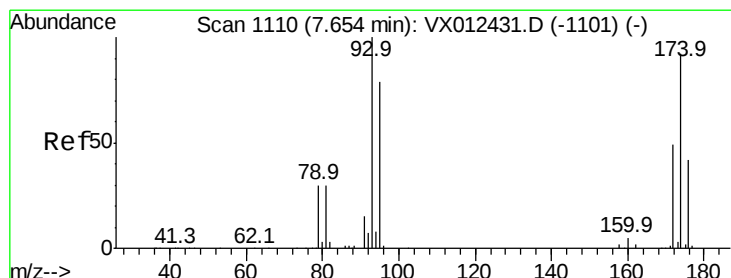
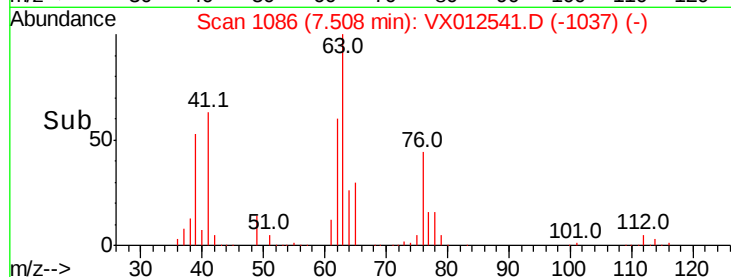
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 50.325 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

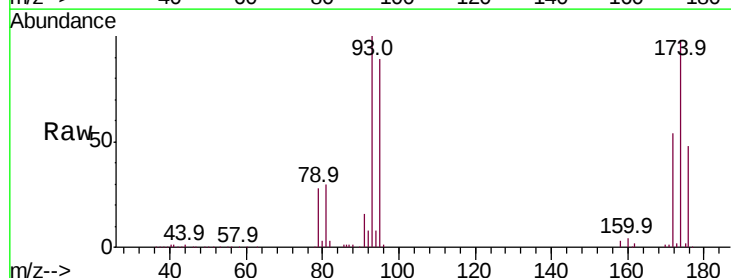
Tgt Ion: 93 Resp: 61285

Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 96.9 77.4 116.0



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

40000

30000

20000

10000

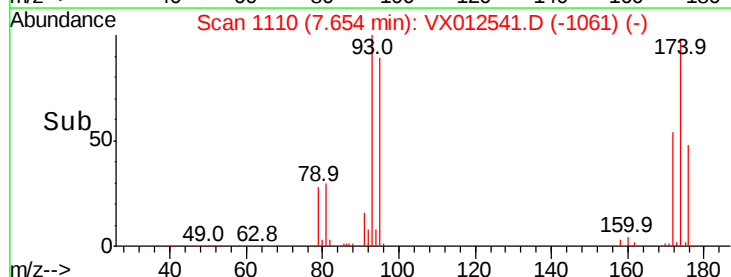
0

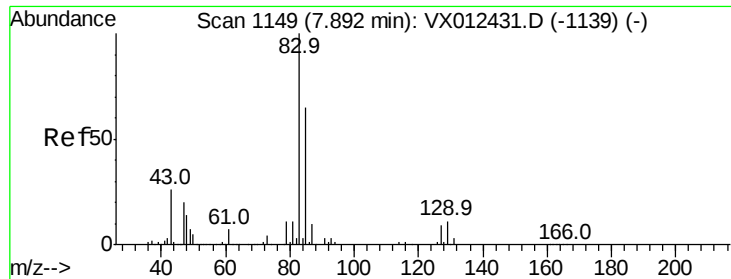
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 50.536 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

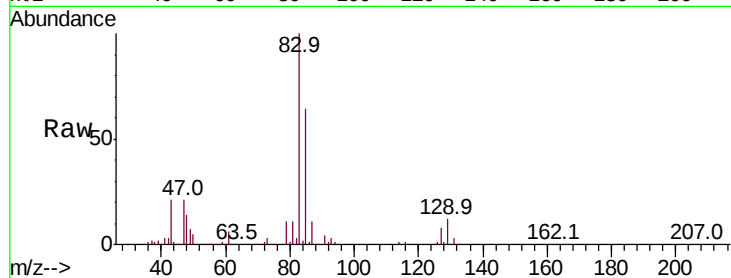
Tot Ion: 83 Resp: 137031

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

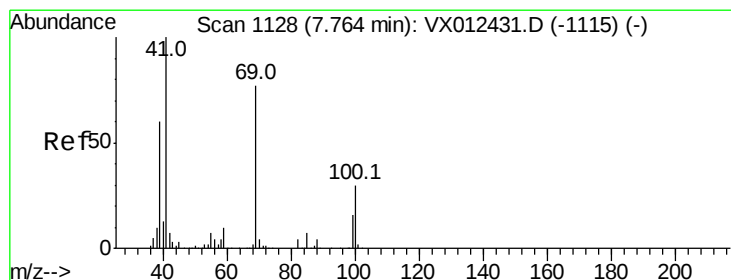
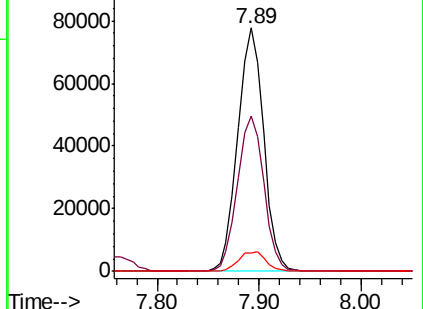
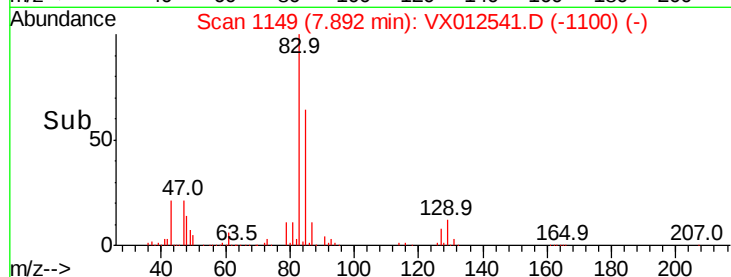
127 7.7 7.3 10.9



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: 51.512 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

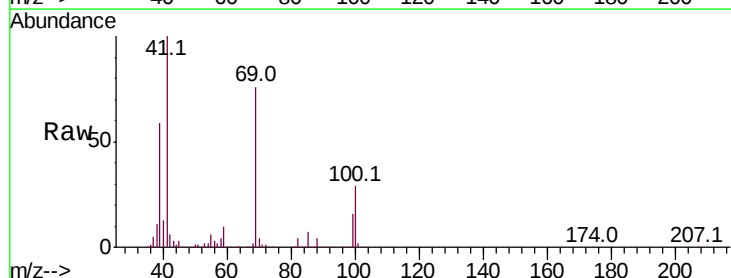
Tgt Ion: 41 Resp: 128863

Ion Ratio Lower Upper

41 100

69 76.0 59.9 89.9

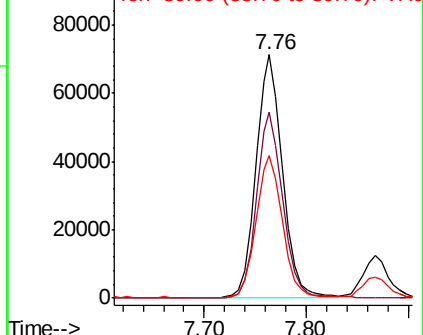
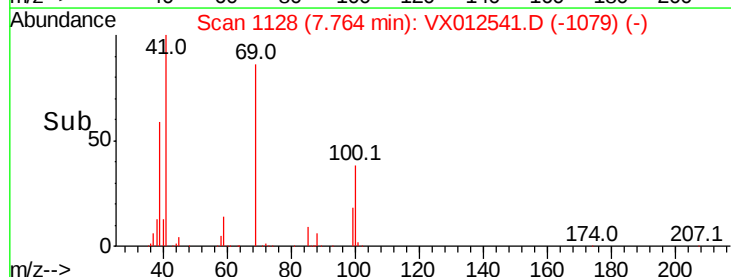
39 58.6 47.8 71.6

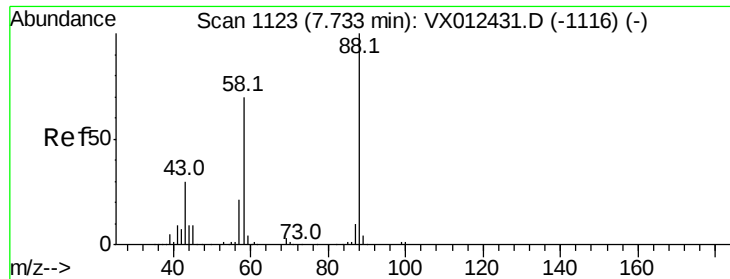


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

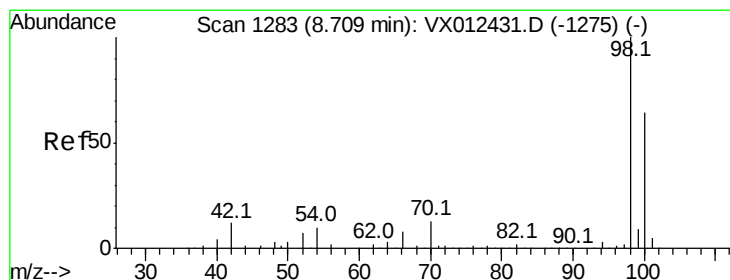
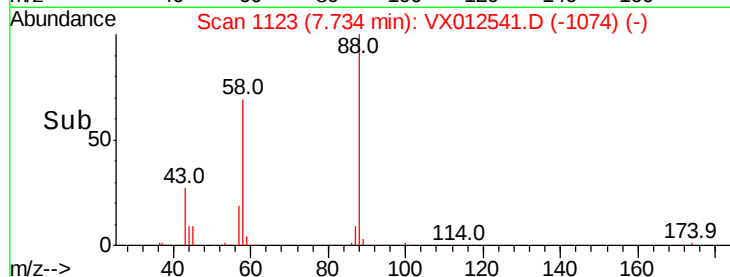
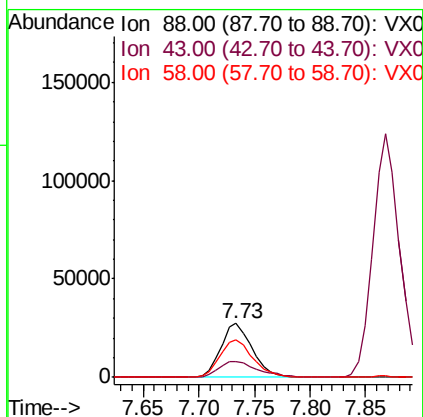
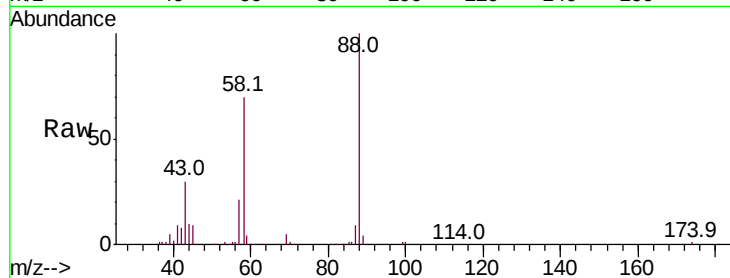




#49
1,4-Dioxane
Concen: 878.190 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

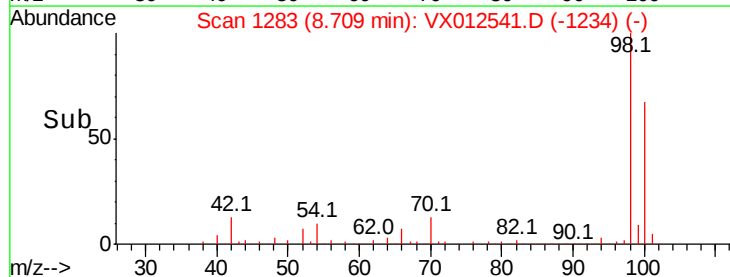
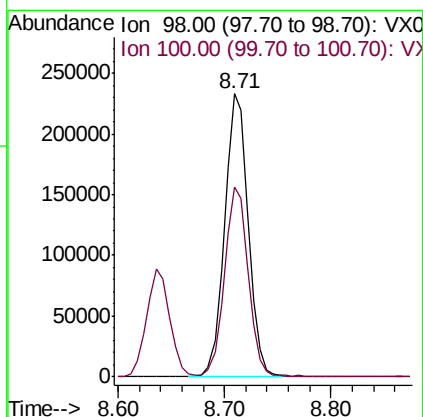
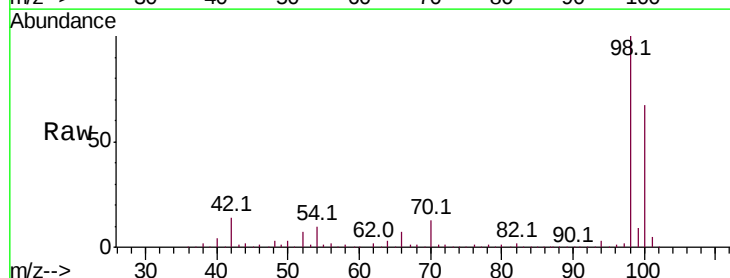
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

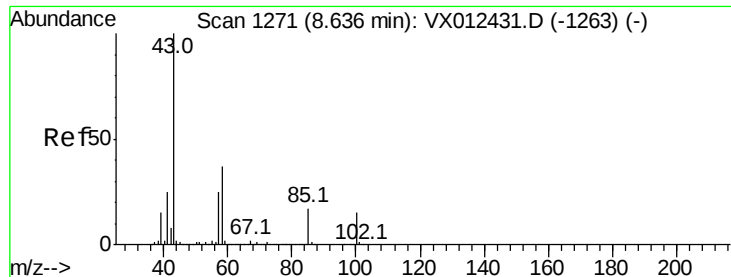
Tot Ion: 88 Resp: 53468
Ion Ratio Lower Upper
88 100
43 35.5 29.4 44.0
58 74.0 57.5 86.3



#50
Toluene-d8
Concen: 51.023 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 98 Resp: 362290
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 255.673 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

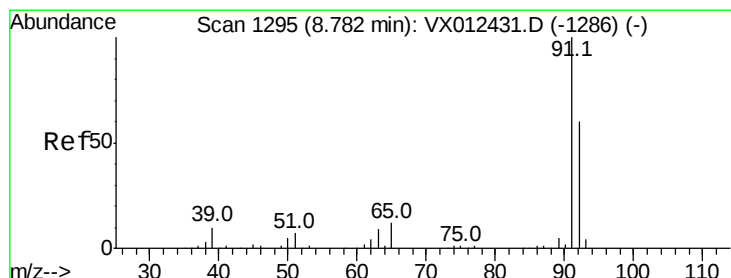
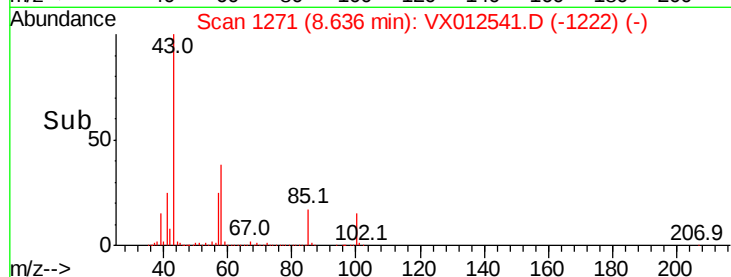
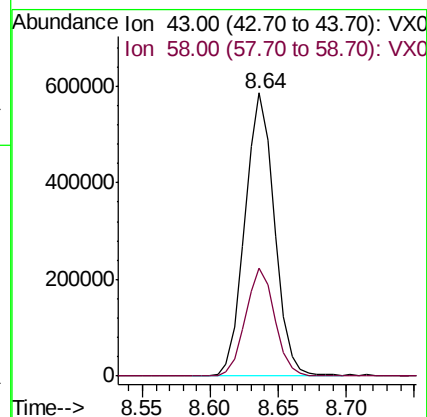
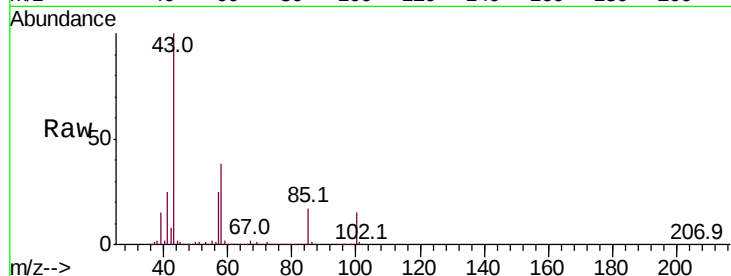
MW2-R2-1MS

Tot Ion: 43 Resp: 889787

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.6



#52

Toluene

Concen: 51.406 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012541.D

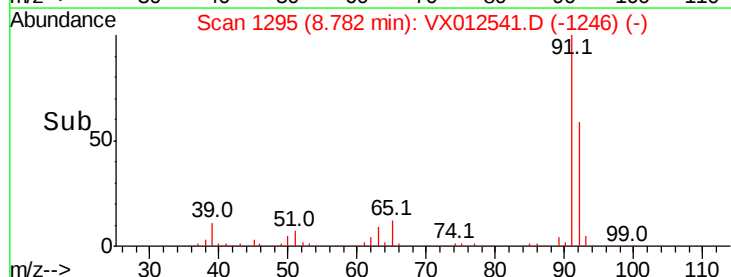
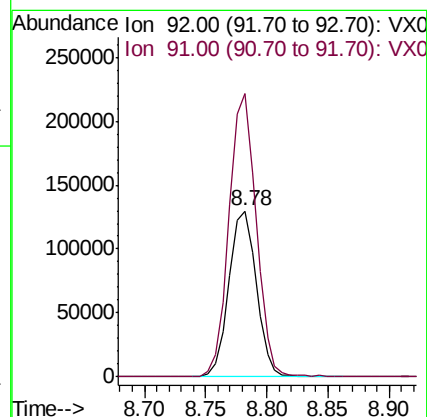
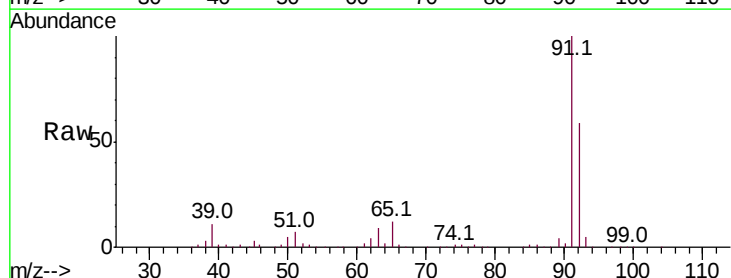
Acq: 19 Sep 2019 20:14

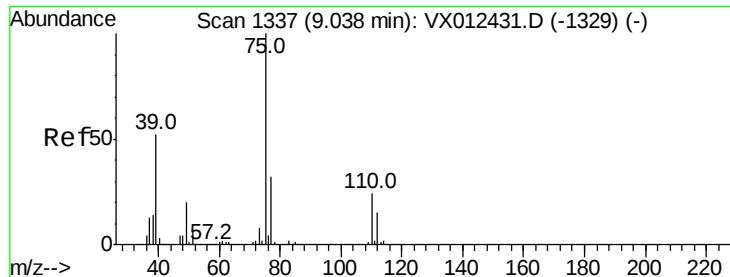
Tgt Ion: 92 Resp: 202897

Ion Ratio Lower Upper

92 100

91 169.1 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.678 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampled :

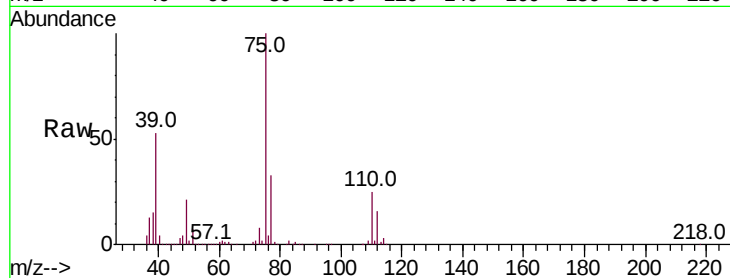
MW2-R2-1MS

Tot Ion: 75 Resp: 142841

Ion Ratio Lower Upper

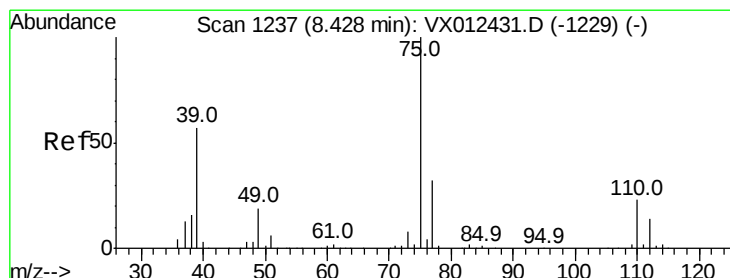
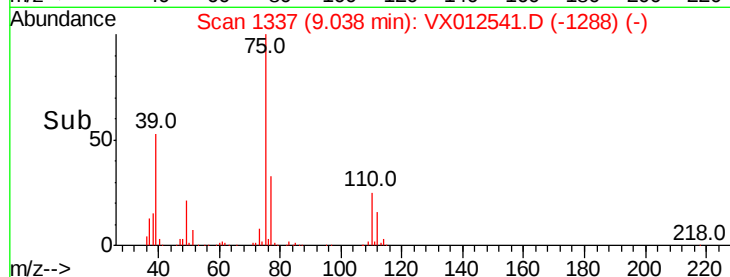
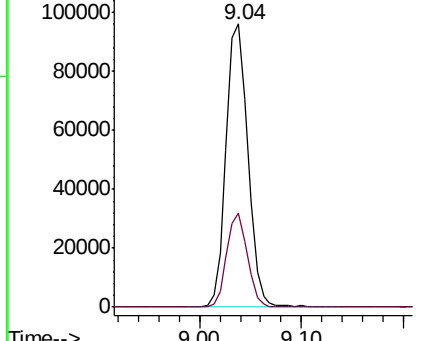
75 100

77 33.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.599 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

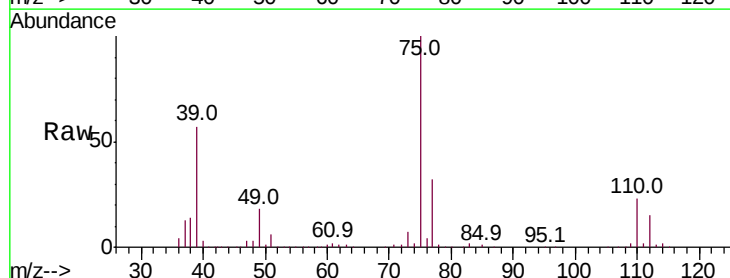
Tgt Ion: 75 Resp: 147651

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

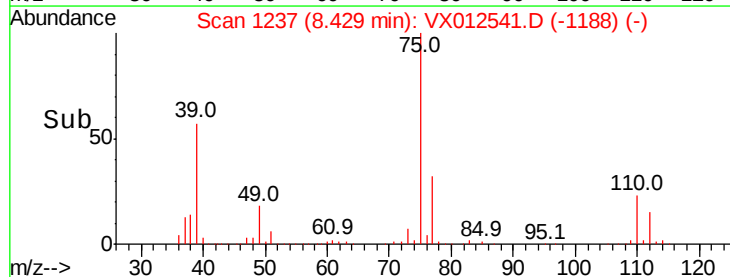
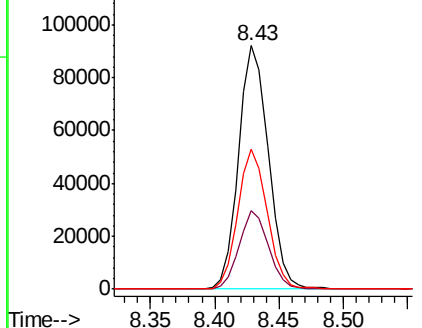
39 57.4 45.5 68.3

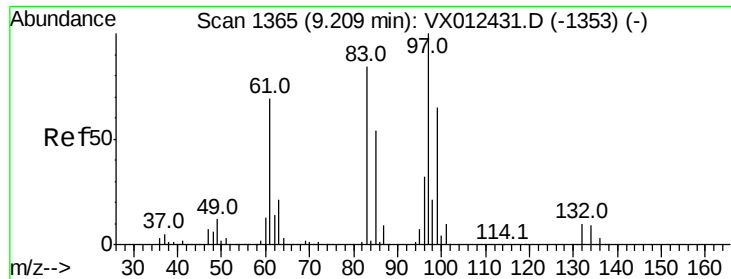


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

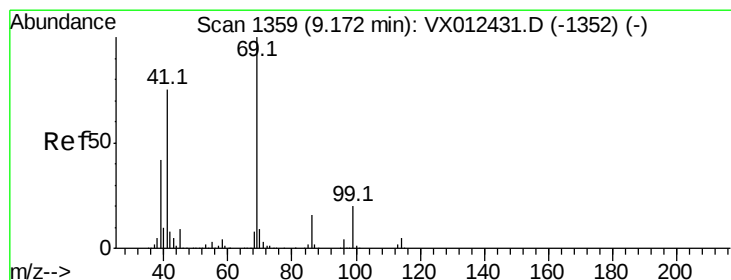
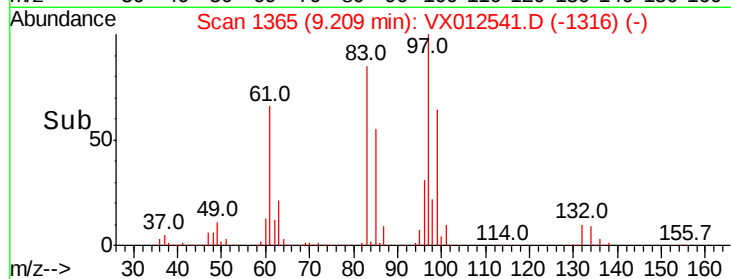
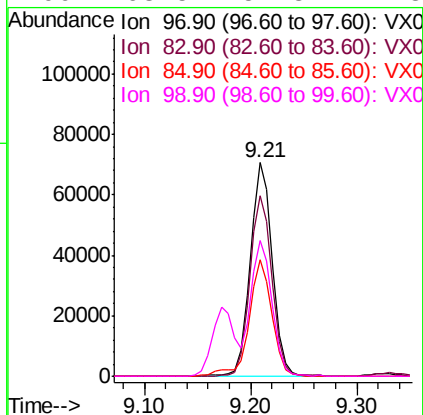
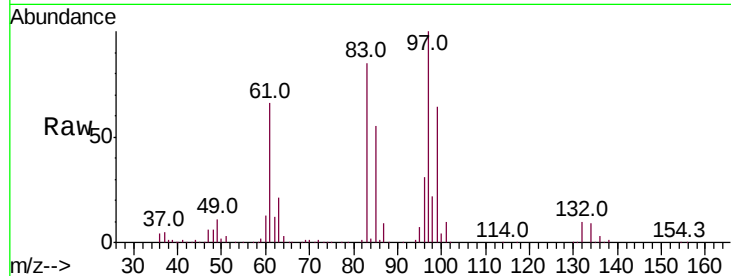




#55
 1,1,2-Trichloroethane
 Concen: 50.454 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

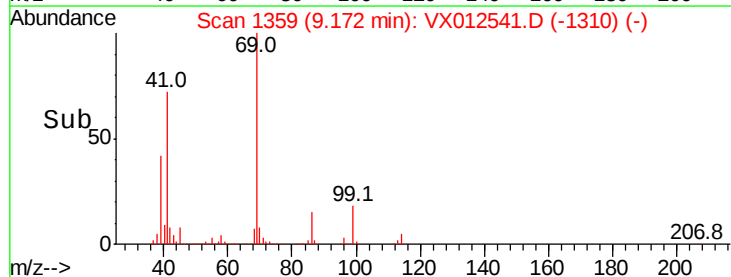
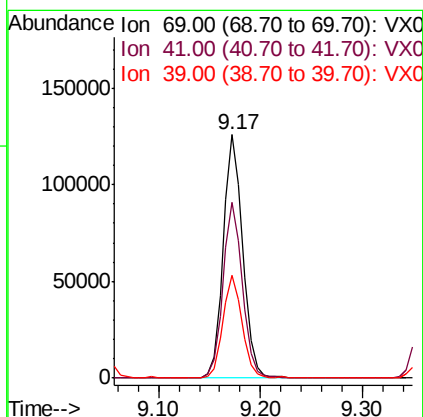
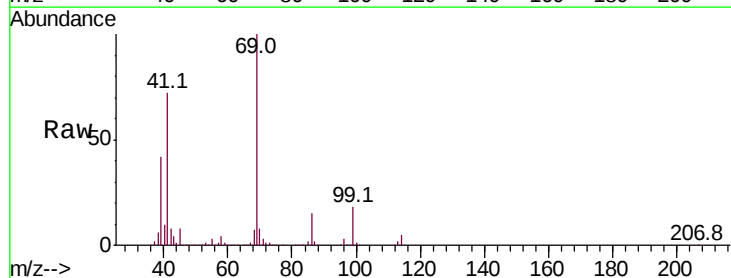
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

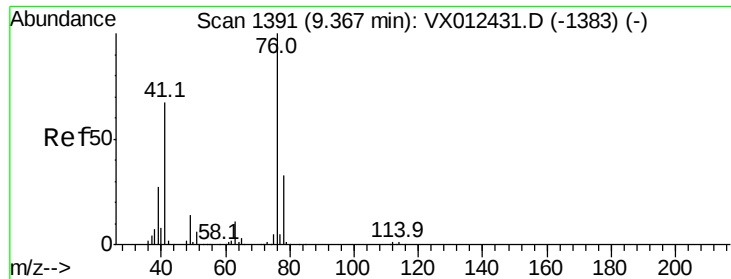
Tot Ion:	97	Resp:	102597
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.2
85	54.6	43.5	65.3
99	63.5	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 52.547 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion:	69	Resp:	167062
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.4	87.6
39	41.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.137 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

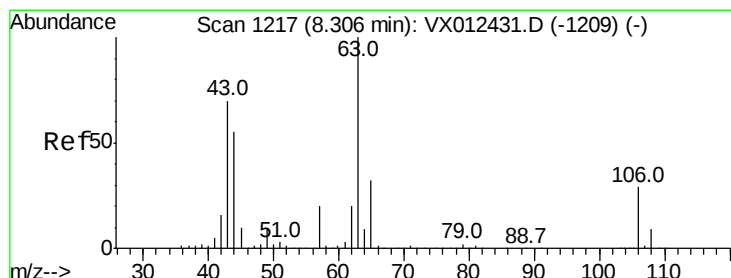
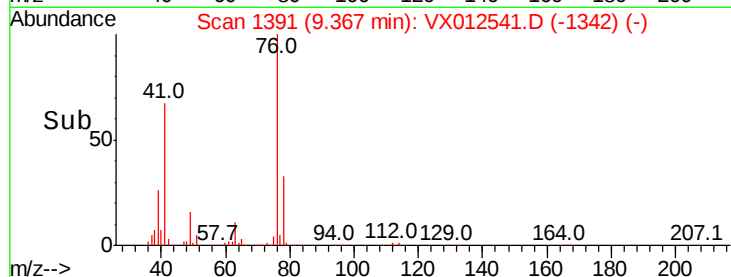
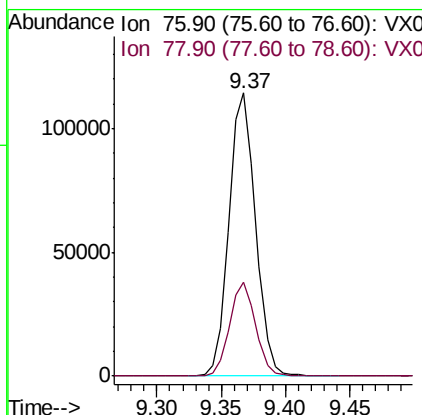
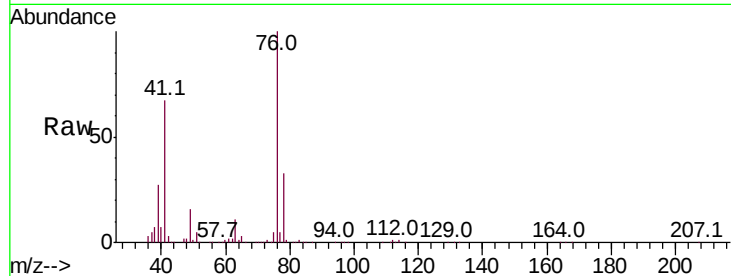
Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion: 76 Resp: 165911

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.264 ug/l

RT: 8.28 min Scan# 1212

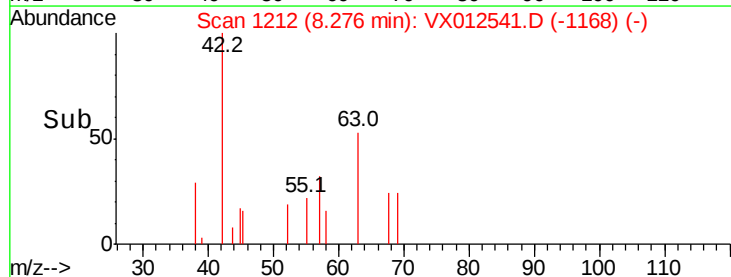
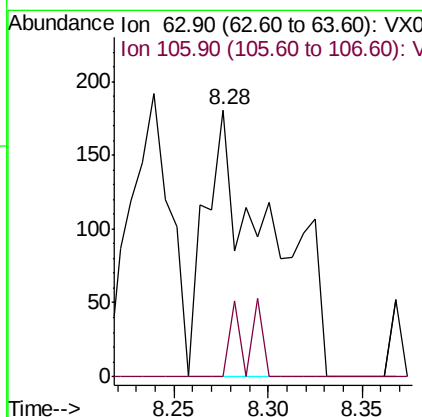
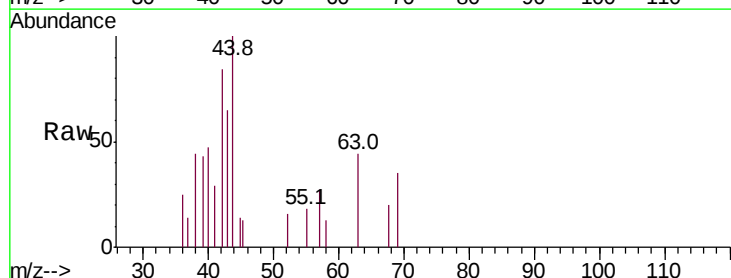
Delta R.T. -0.03 min

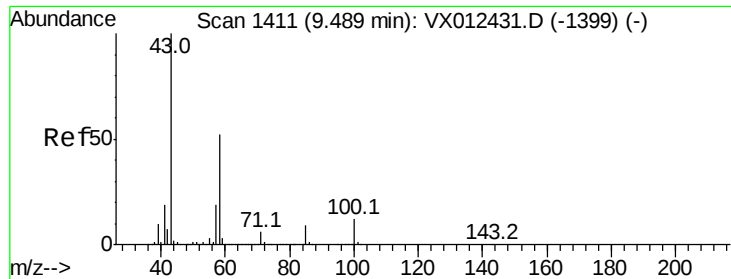
Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion: 63 Resp: 435

Ion	Ratio	Lower	Upper
63	100		
106	8.7	23.8	35.6

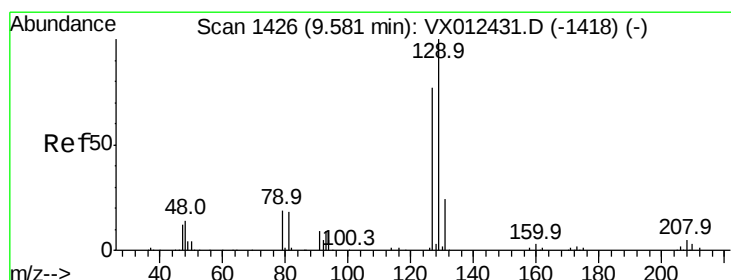
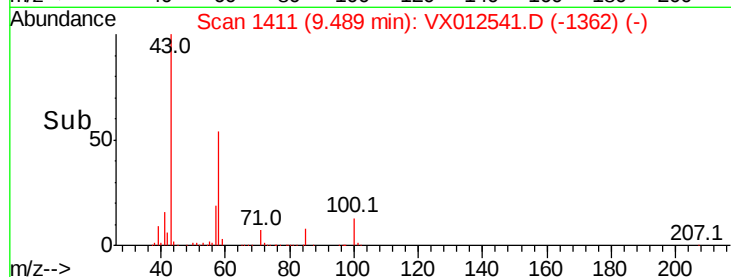
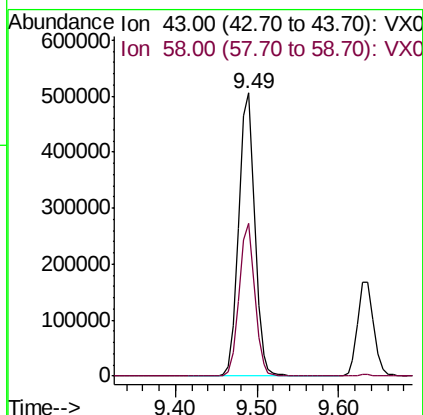
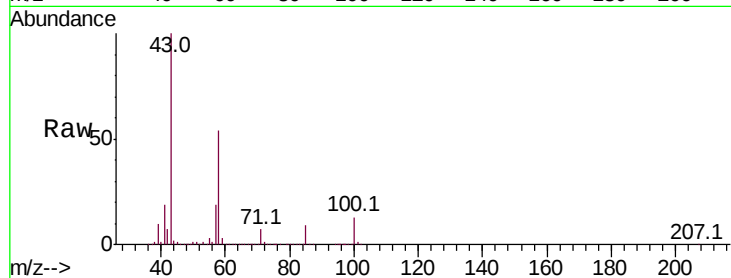




#59
2-Hexanone
Concen: 250.229 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

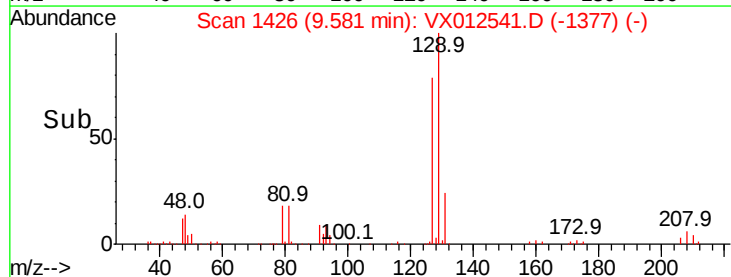
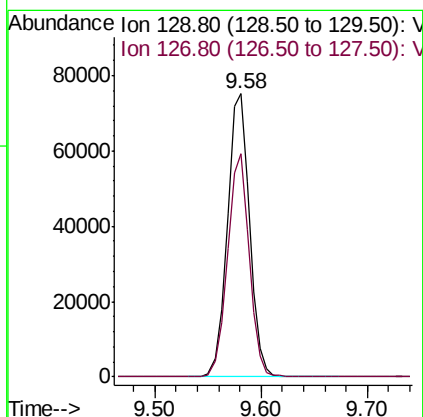
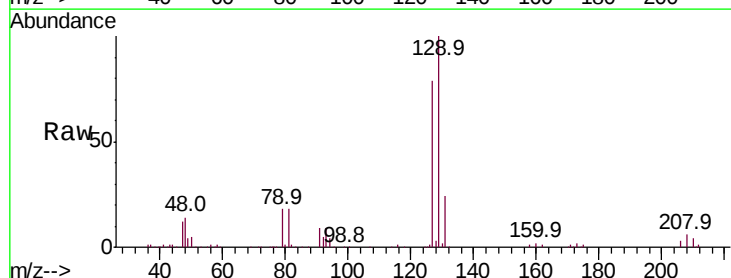
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

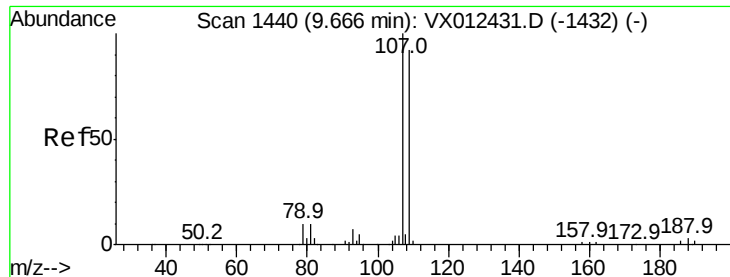
Tot Ion: 43 Resp: 679402
Ion Ratio Lower Upper
43 100
58 52.9 25.7 77.1



#60
Dibromochloromethane
Concen: 52.845 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 129 Resp: 109457
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

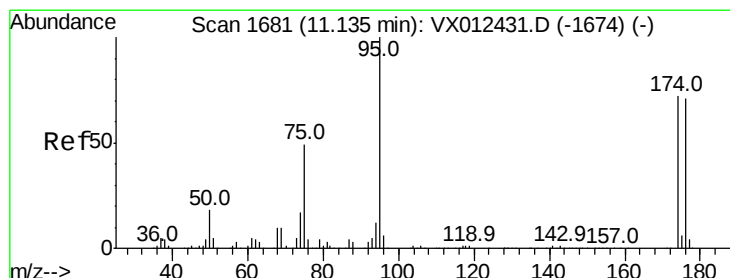
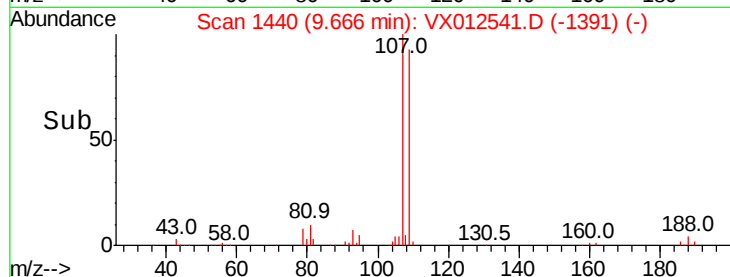
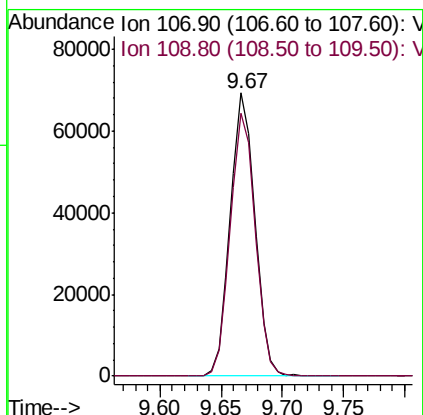
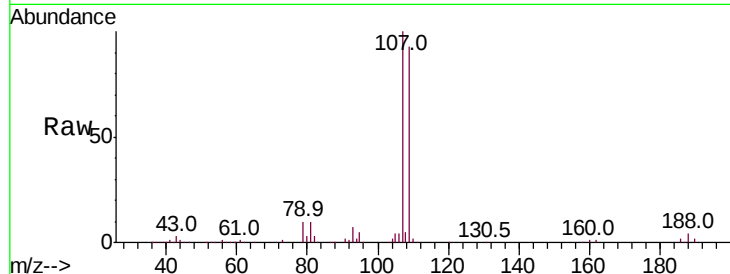




#61
 1,2-Dibromoethane
 Concen: 52.050 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

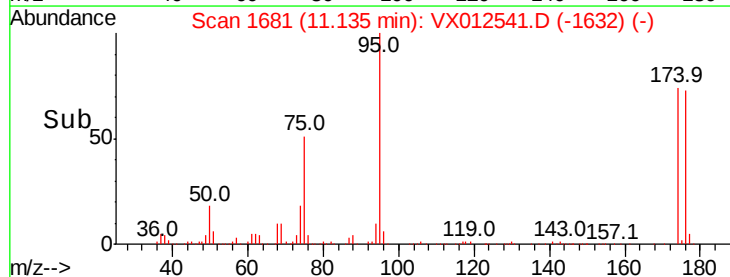
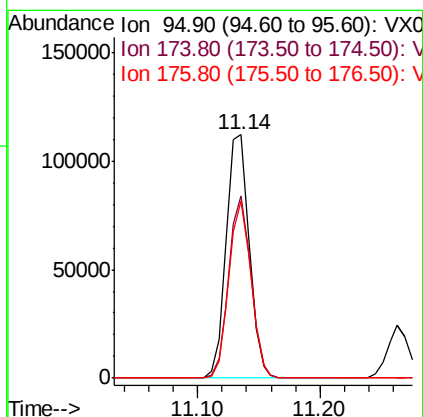
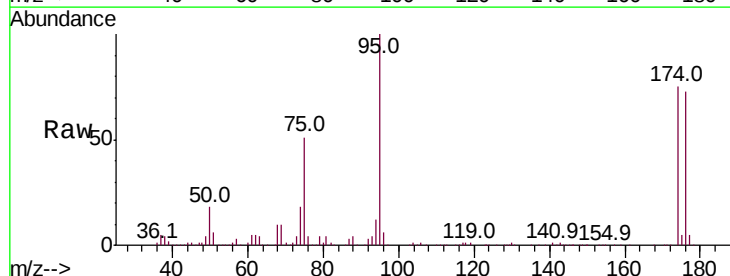
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

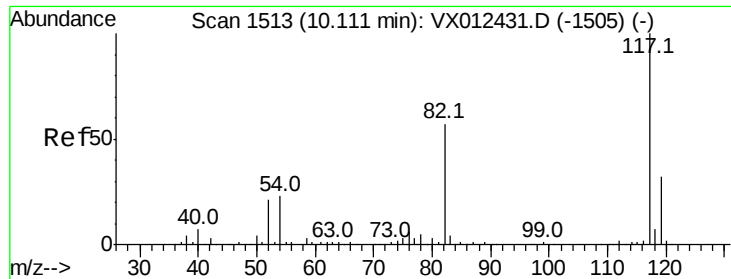
Tot Ion: 107 Resp: 96666
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 49.448 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion: 95 Resp: 145782
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 140.0
 176 70.1 0.0 135.4

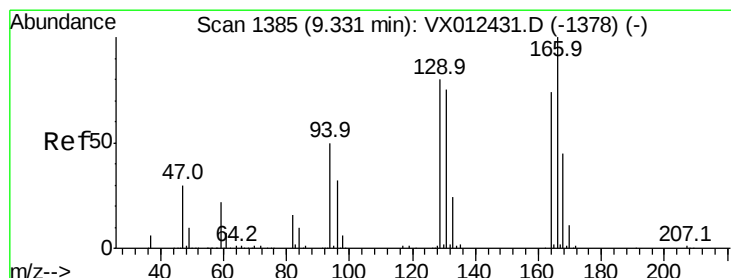
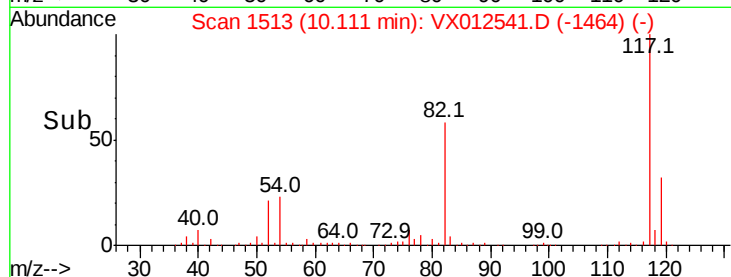
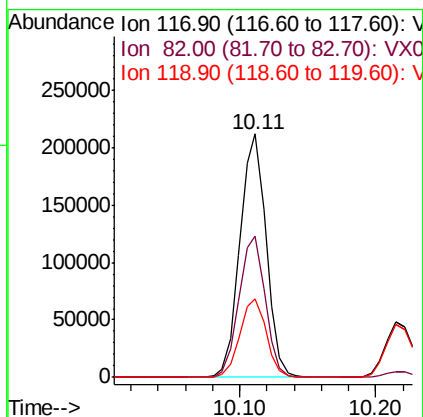
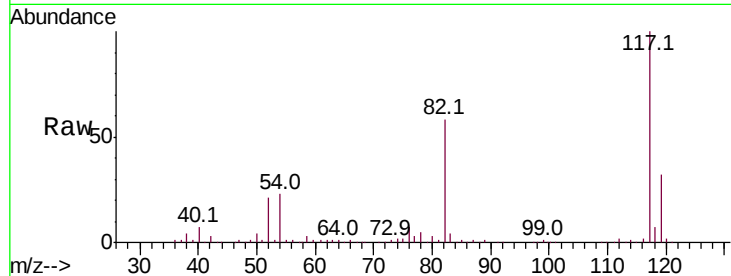




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

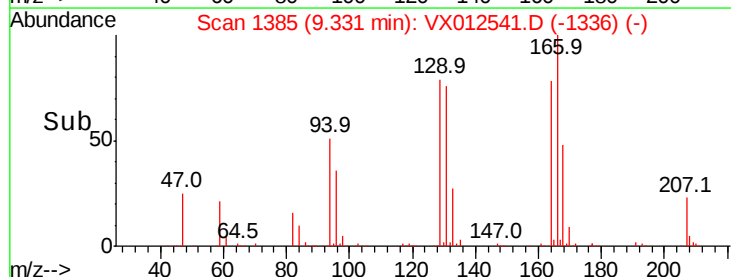
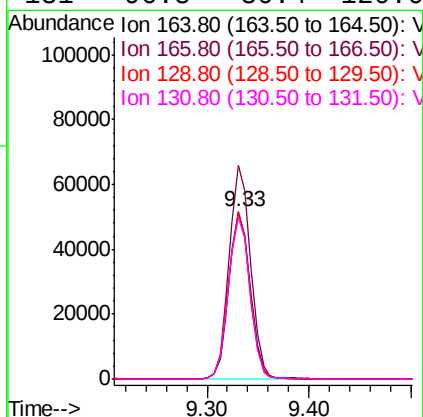
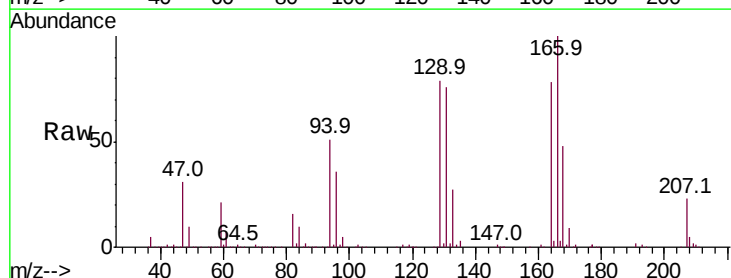
Instrument :
MSVOA_X
ClientSampled :
MW2-R2-1MS

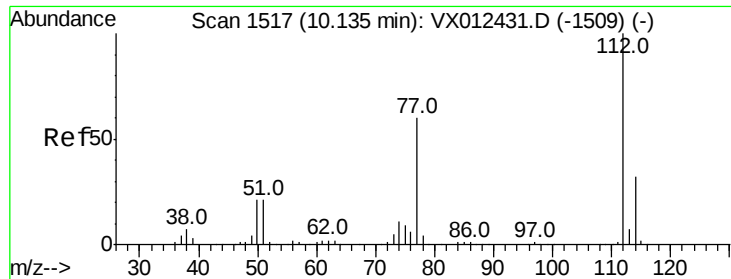
Tot Ion:117 Resp: 285960
Ion Ratio Lower Upper
117 100
82 57.8 45.9 68.9
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 57.178 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:164 Resp: 74925
Ion Ratio Lower Upper
164 100
166 128.3 107.8 161.6
129 100.9 86.2 129.2
131 96.8 80.4 120.6

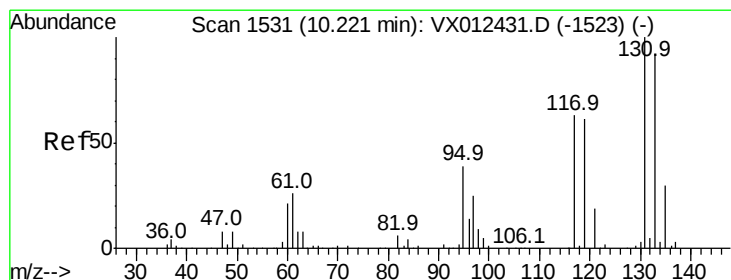
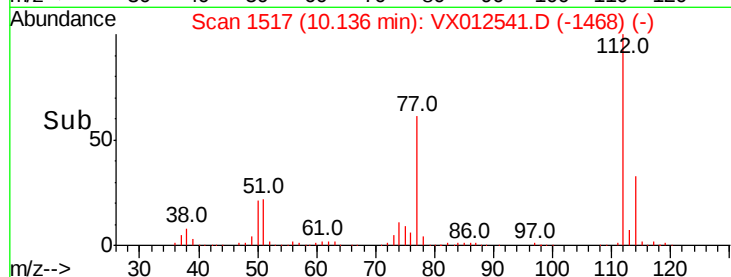
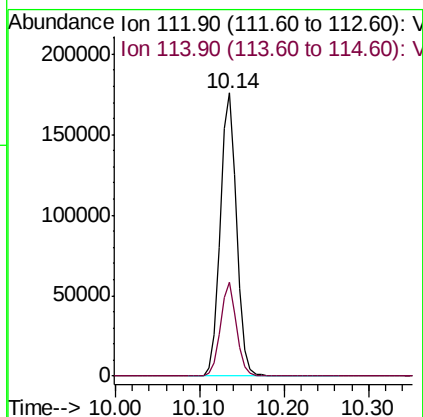
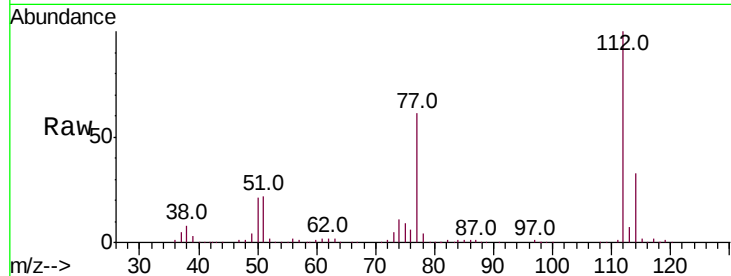




#65
Chlorobenzene
Concen: 50.142 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

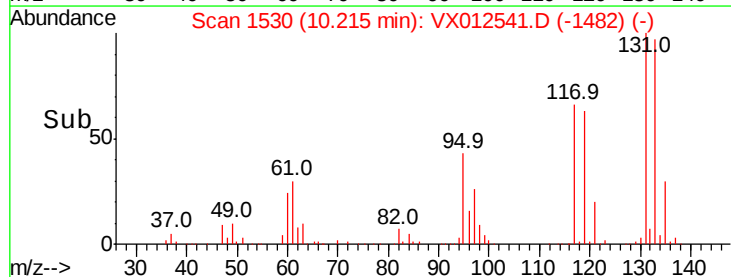
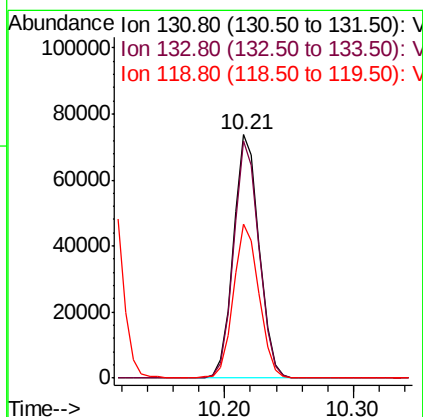
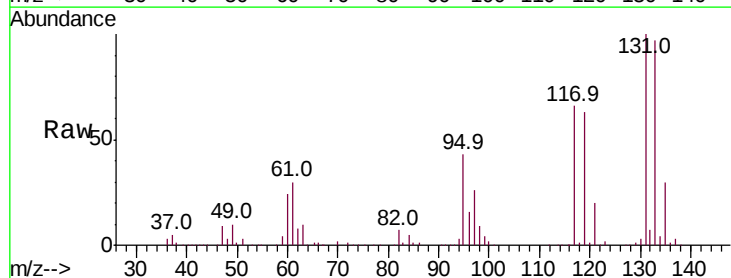
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

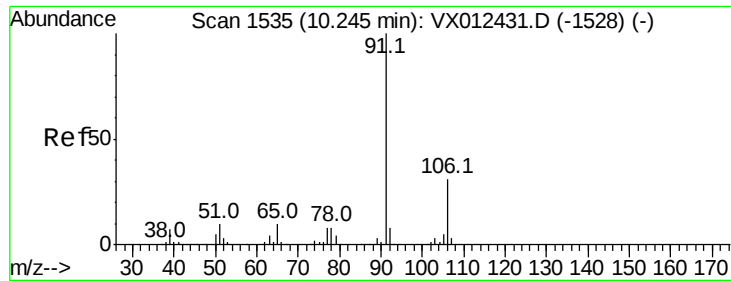
Tot Ion:112 Resp: 236658
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.291 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:131 Resp: 102429
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 62.6 31.3 93.8





#67

Ethyl Benzene

Concen: 51.673 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

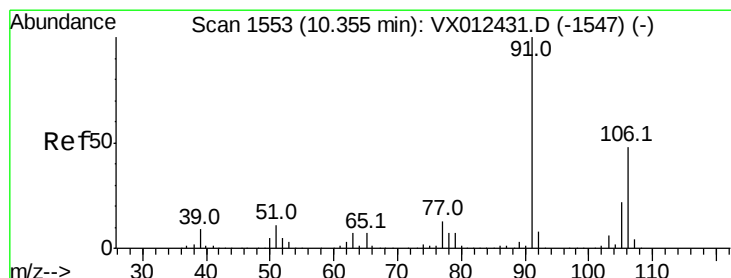
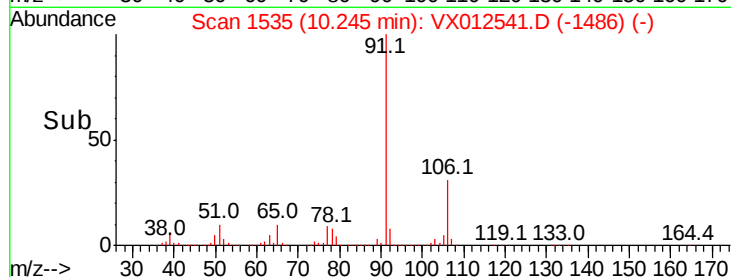
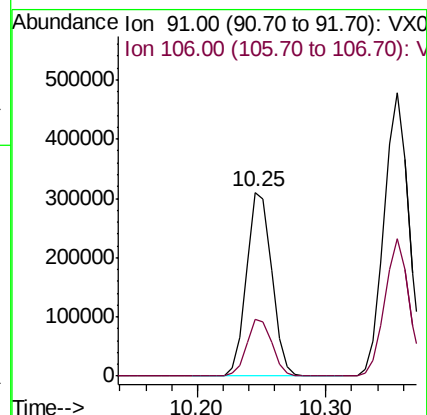
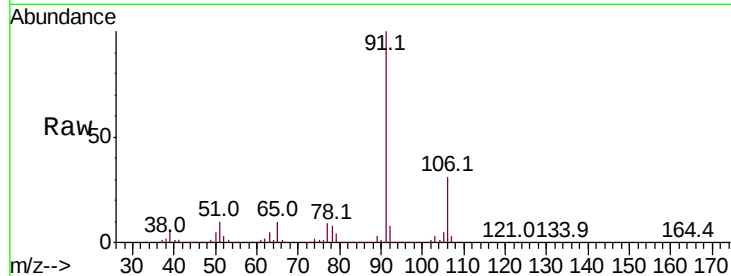
MW2-R2-1MS

Tot Ion: 91 Resp: 419005

Ion Ratio Lower Upper

91 100

106 30.6 24.6 37.0



#68

m/p-Xylenes

Concen: 102.724 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012541.D

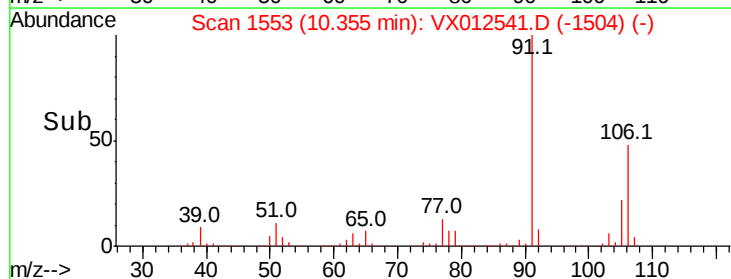
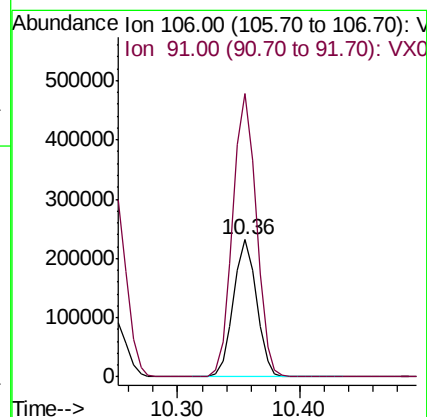
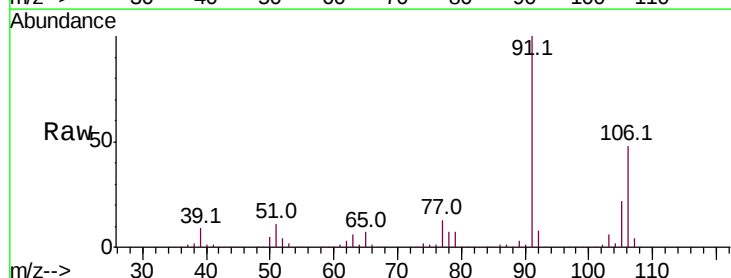
Acq: 19 Sep 2019 20:14

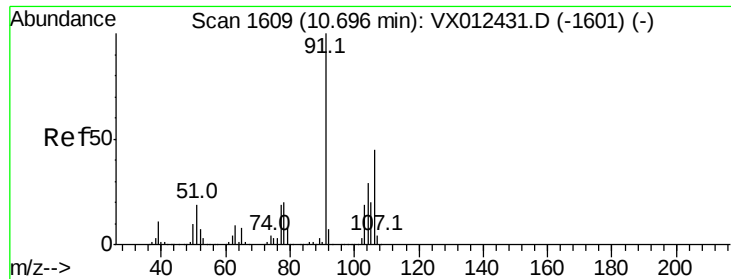
Tgt Ion: 106 Resp: 303076

Ion Ratio Lower Upper

106 100

91 209.6 166.6 250.0

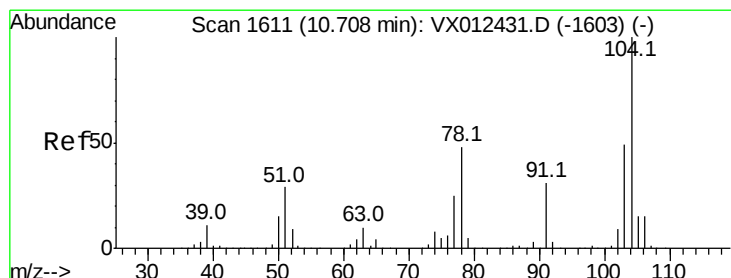
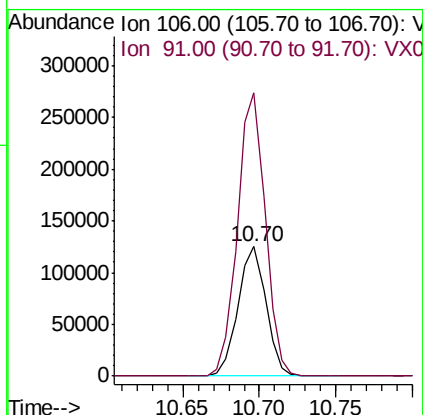
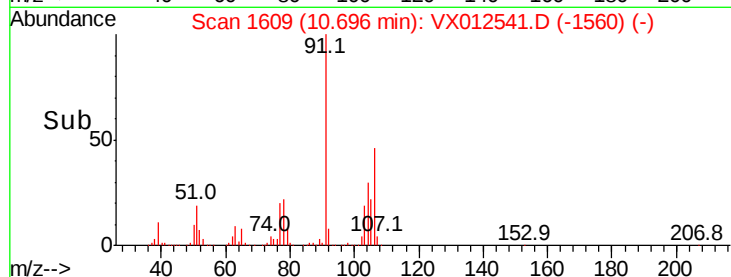
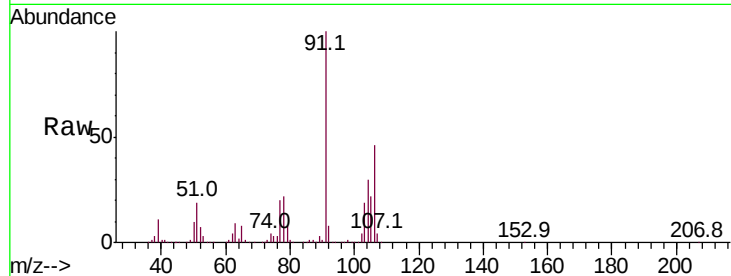




#69
o-Xylene
Concen: 52.281 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

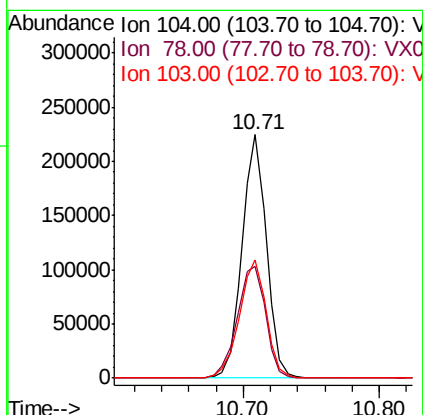
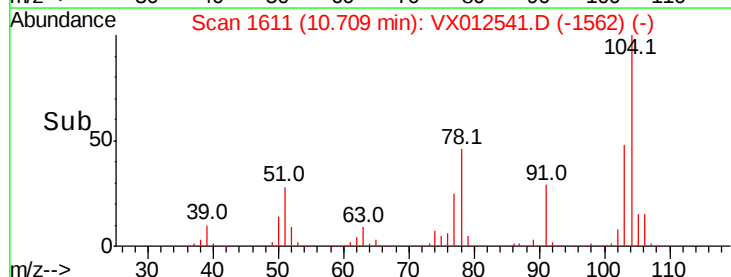
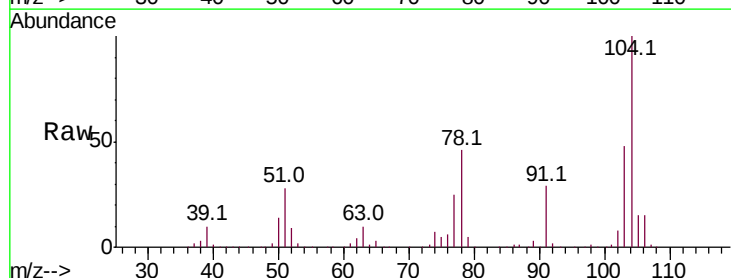
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

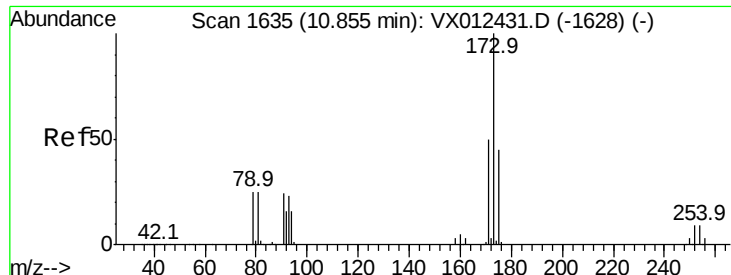
Tot Ion:106 Resp: 158631
Ion Ratio Lower Upper
106 100
91 217.9 109.4 328.2



#70
Styrene
Concen: 52.190 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:104 Resp: 280182
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 53.3 43.3 64.9





#71

Bromoform

Concen: 46.972 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

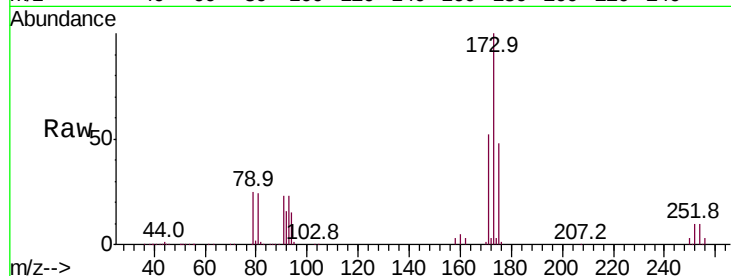
Tot Ion:173 Resp: 78911

Ion Ratio Lower Upper

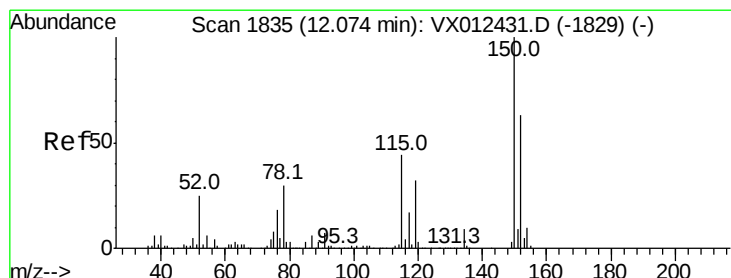
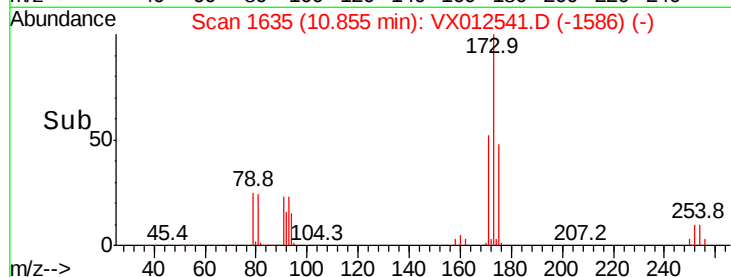
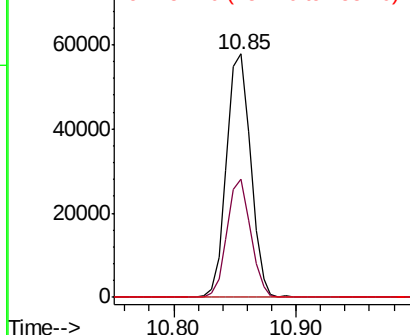
173 100

175 47.7 23.7 71.1

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

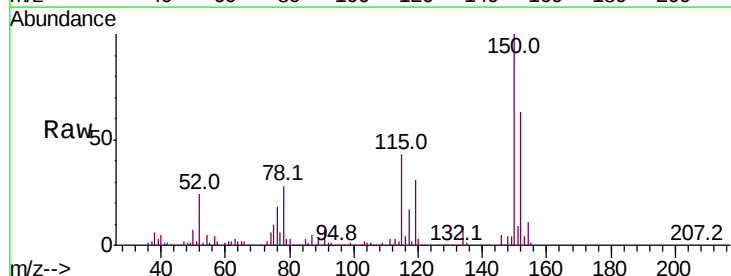
Tgt Ion:152 Resp: 135013

Ion Ratio Lower Upper

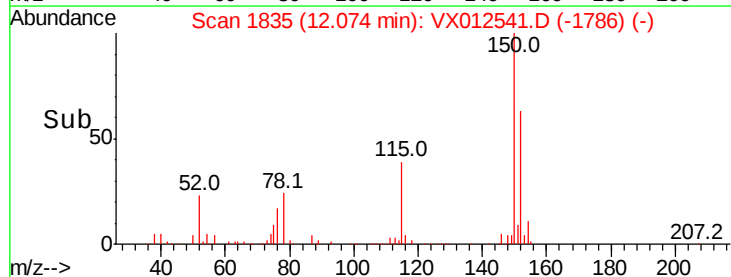
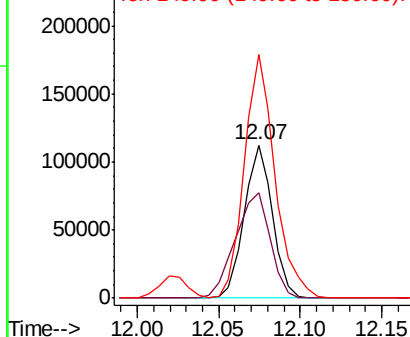
152 100

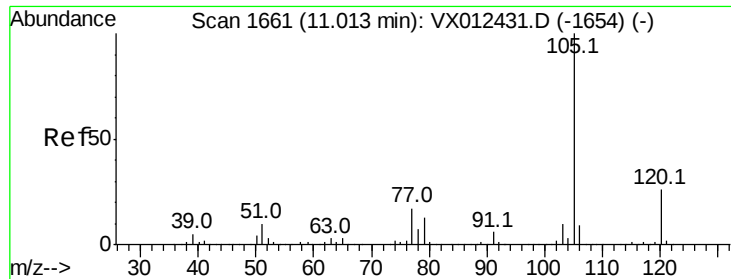
115 85.6 44.1 132.3

150 173.7 0.0 343.8



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

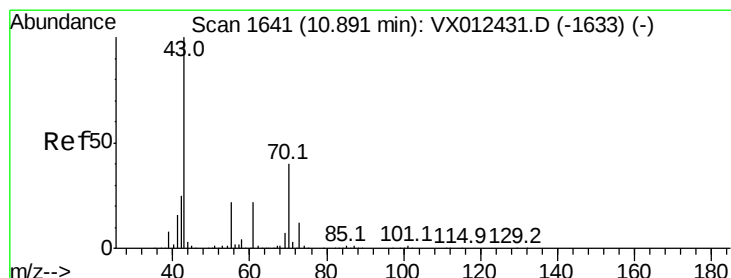
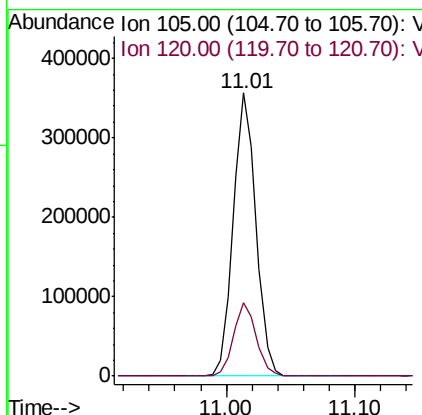
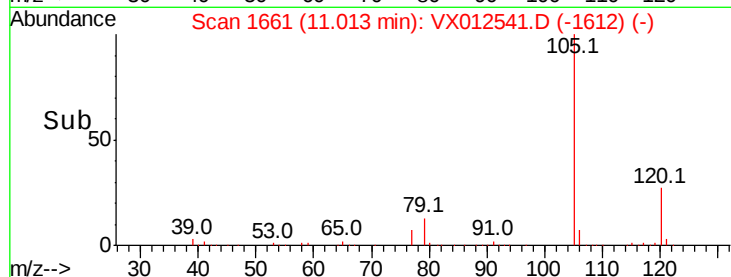
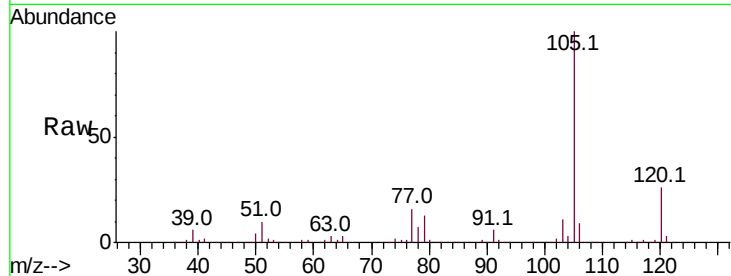




#73
Isopropylbenzene
Concen: 51.777 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

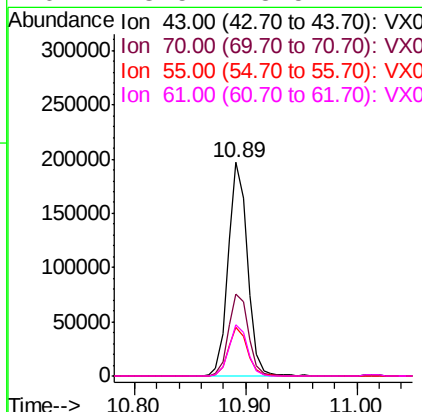
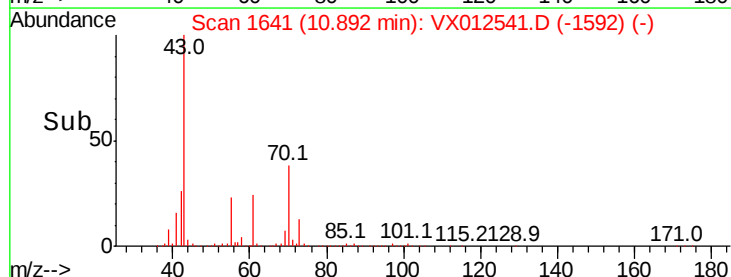
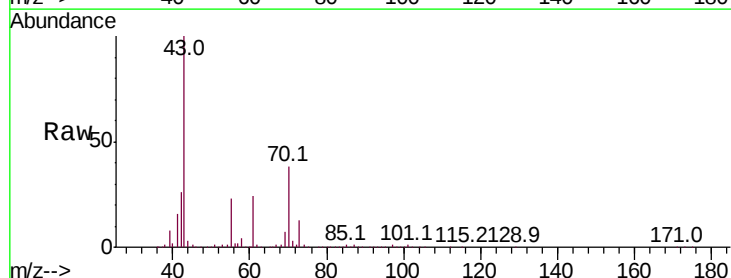
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

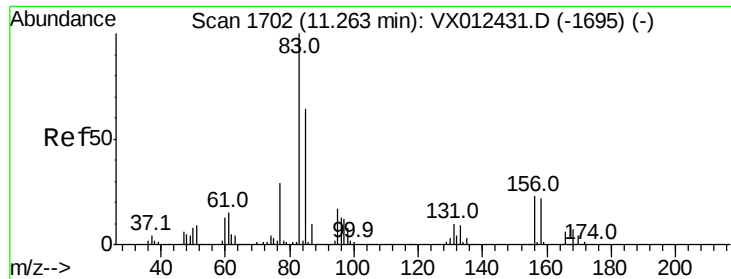
Tot Ion:105 Resp: 438615
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7



#74
N-ethyl acetate
Concen: 51.230 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 43 Resp: 233650
Ion Ratio Lower Upper
43 100
70 39.8 32.4 48.6
55 23.0 18.2 27.4
61 23.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.138 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

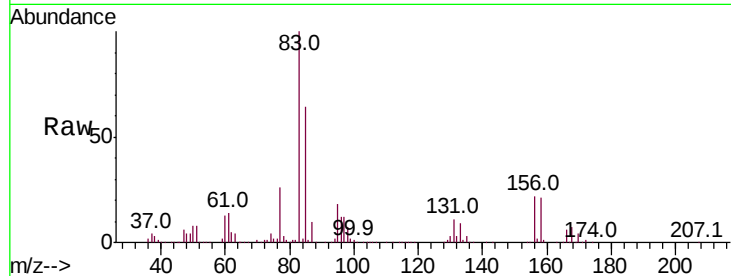
Tot Ion: 83 Resp: 169935

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

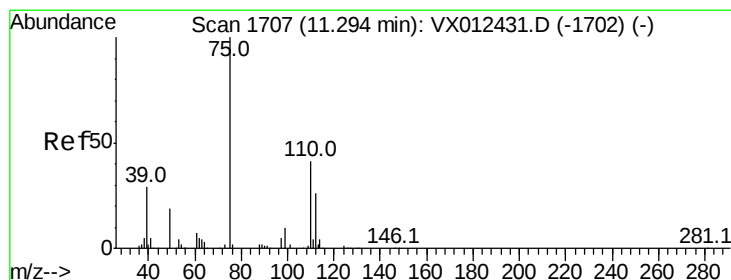
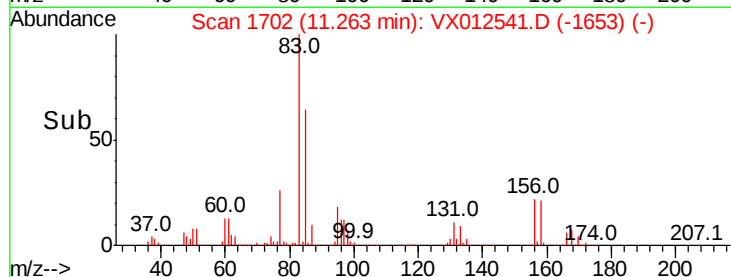
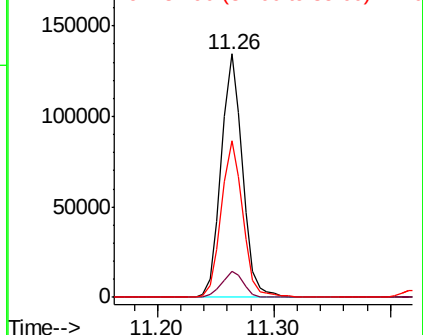
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.030 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012541.D

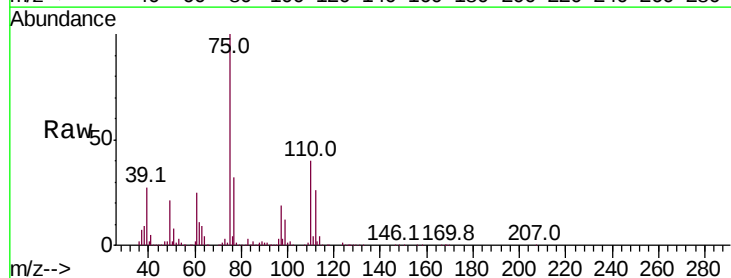
Acq: 19 Sep 2019 20:14

Tgt Ion: 75 Resp: 198579

Ion Ratio Lower Upper

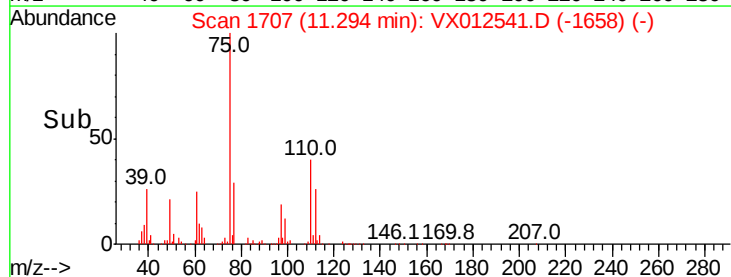
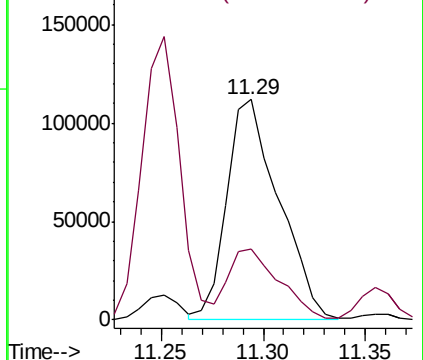
75 100

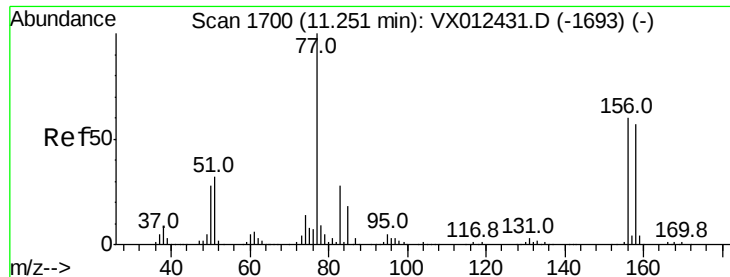
77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.434 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

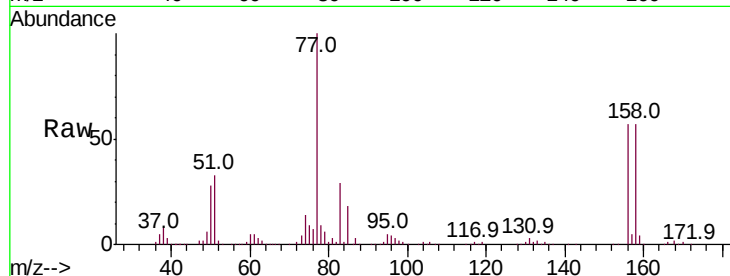
Tot Ion:156 Resp: 106261

Ion Ratio Lower Upper

156 100

77 175.6 87.3 261.8

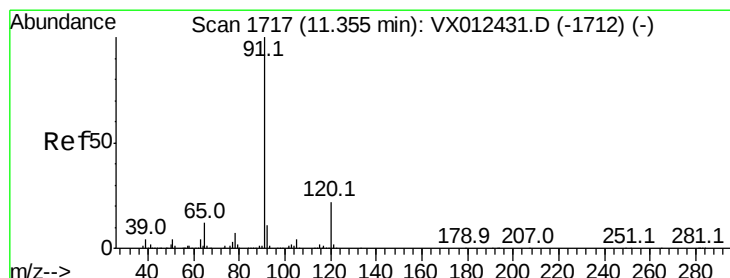
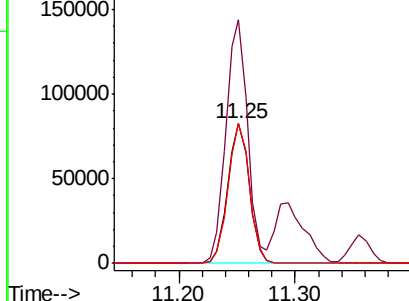
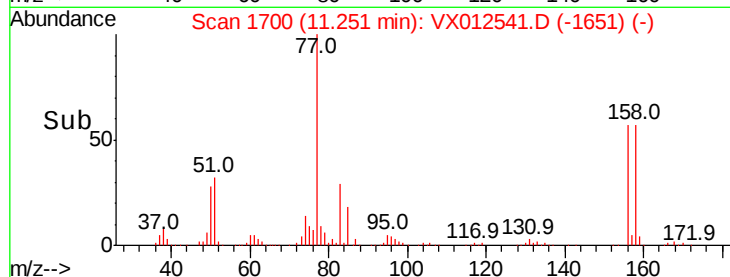
158 99.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.262 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012541.D

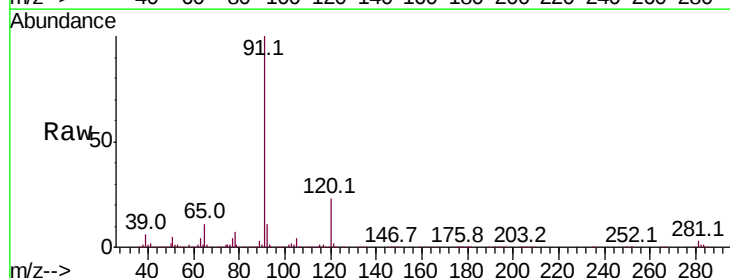
Acq: 19 Sep 2019 20:14

Tgt Ion: 91 Resp: 483996

Ion Ratio Lower Upper

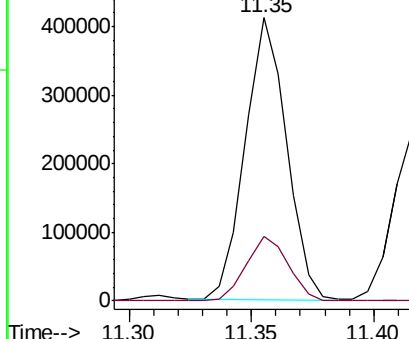
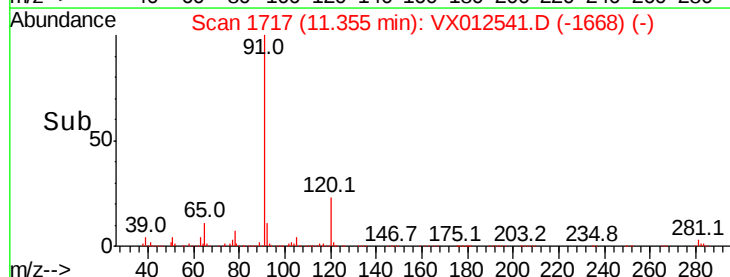
91 100

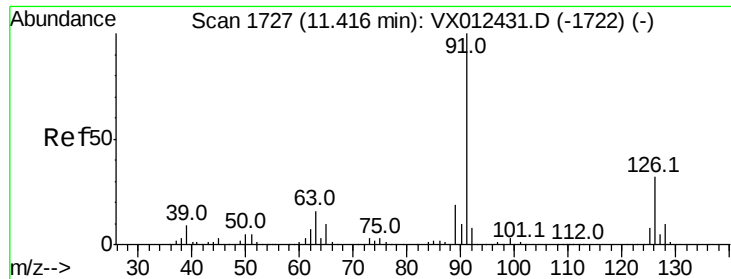
120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

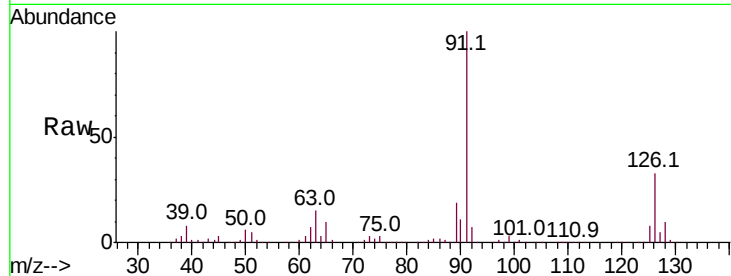




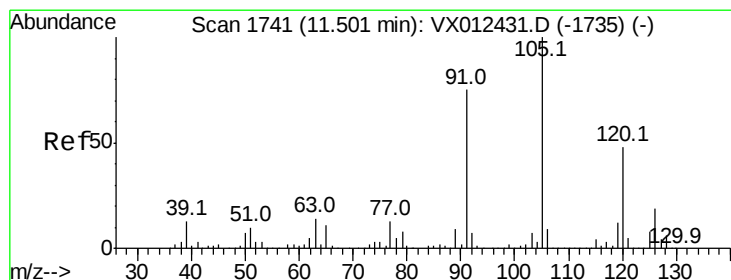
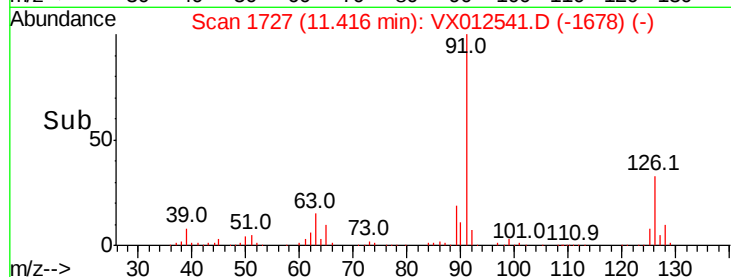
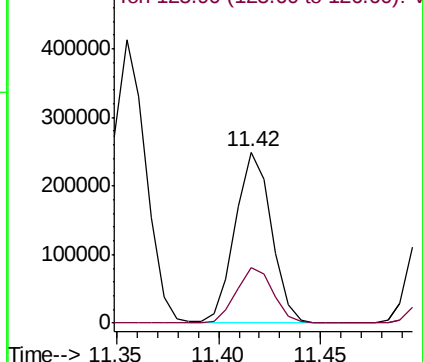
#79
2-Chlorotoluene
Concen: 49.888 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion: 91 Resp: 306425
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

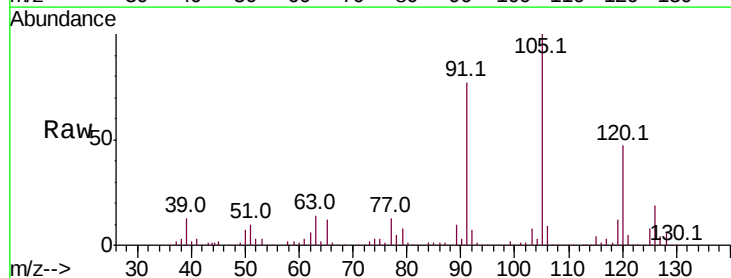


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

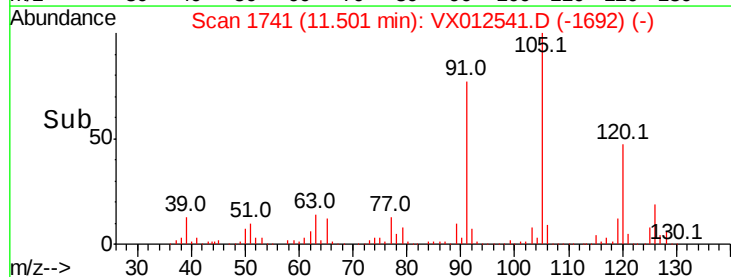
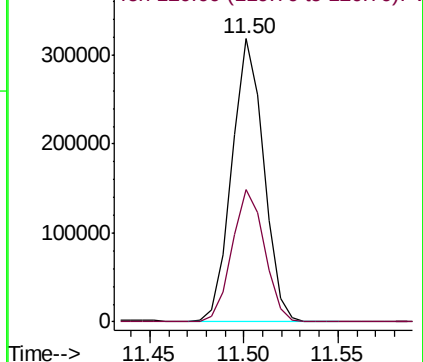


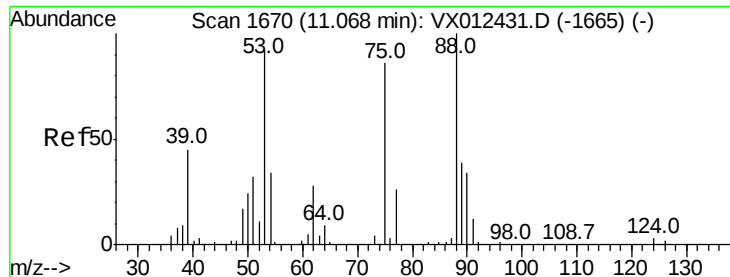
#80
1,3,5-Trimethylbenzene
Concen: 51.720 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:105 Resp: 373660
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8



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

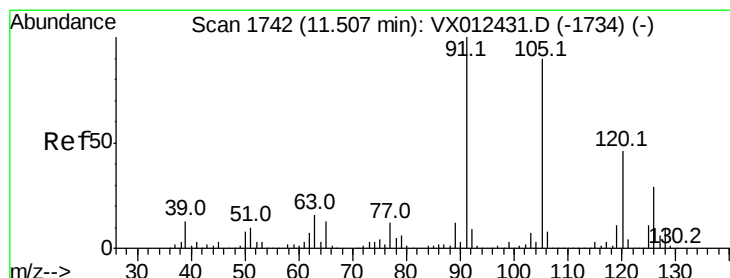
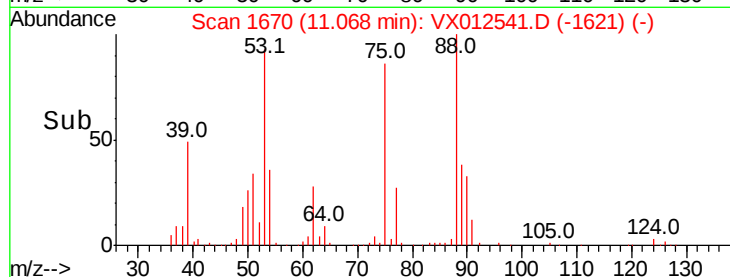
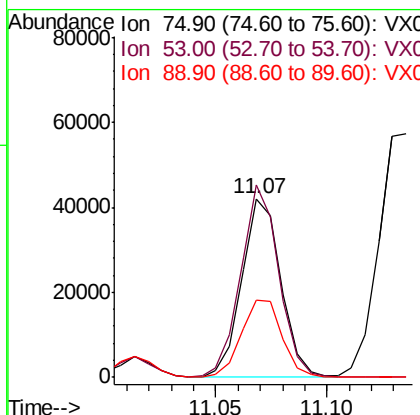
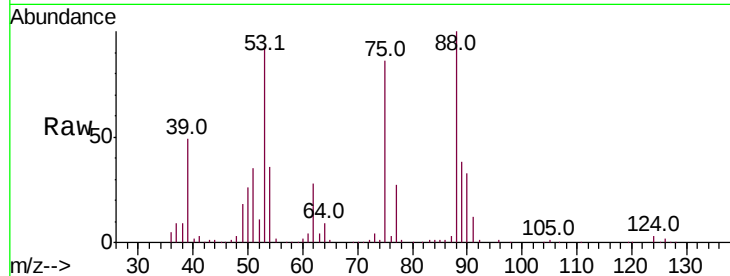




#81
trans-1,4-Dichloro-2-butene
Concen: 45.689 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

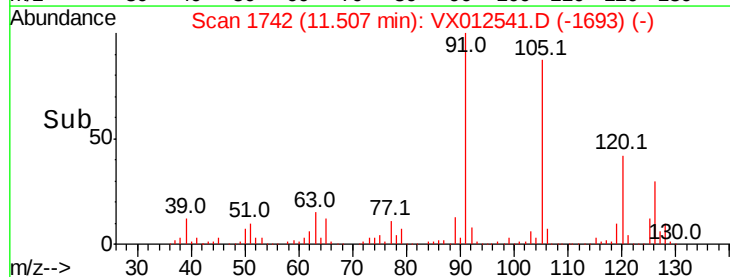
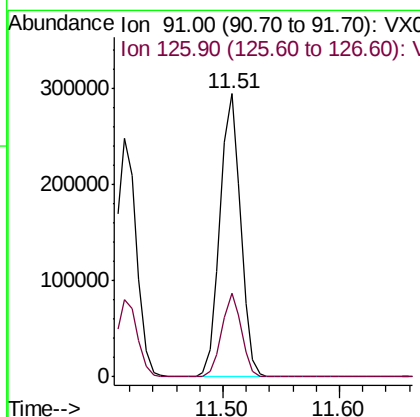
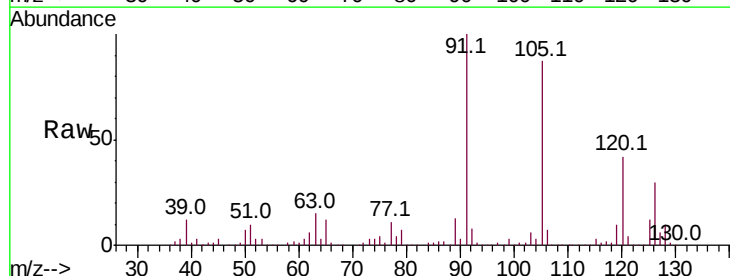
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

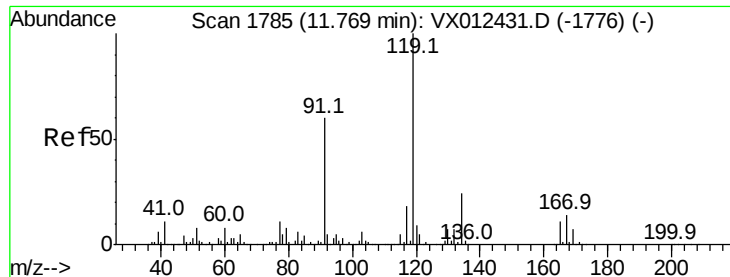
Tot Ion: 75 Resp: 51292
Ion Ratio Lower Upper
75 100
53 105.6 83.6 125.4
89 45.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.013 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 91 Resp: 359616
Ion Ratio Lower Upper
91 100
126 28.1 14.4 43.0

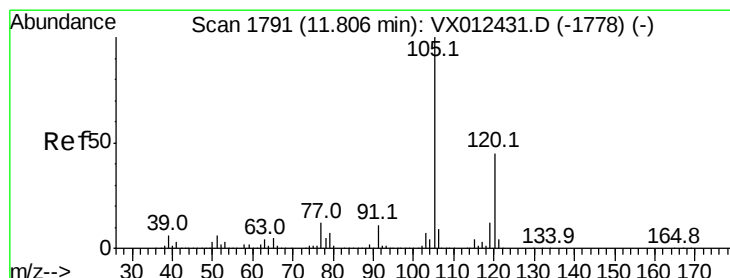
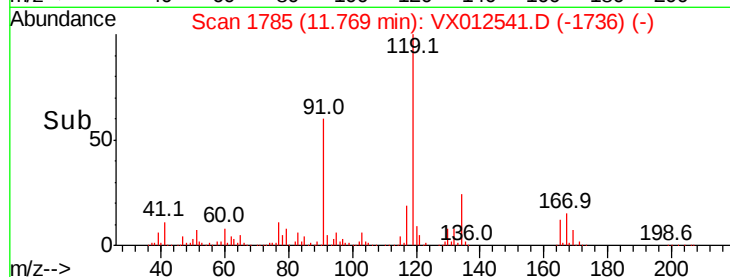
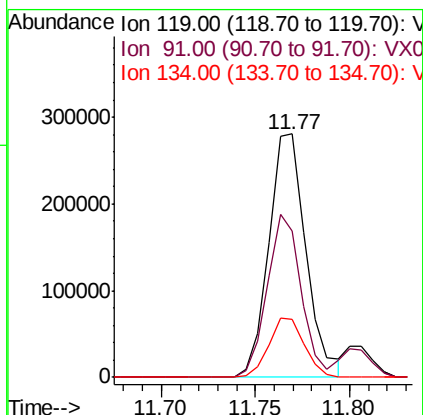
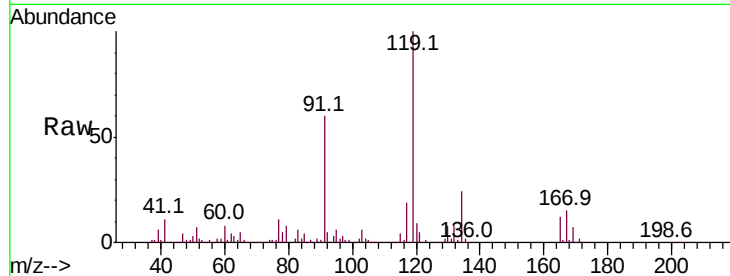




#83
tert-Butylbenzene
Concen: 49.825 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

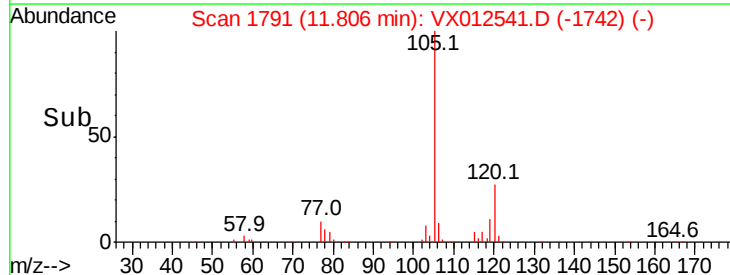
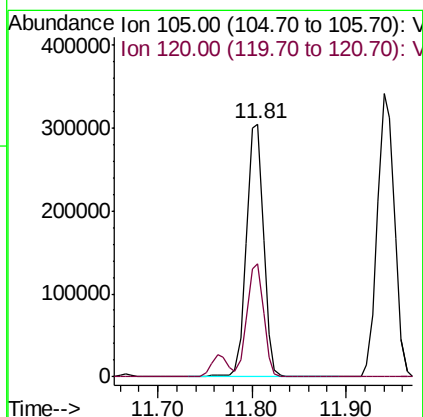
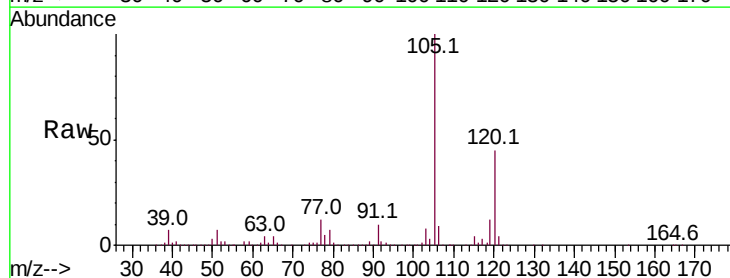
Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

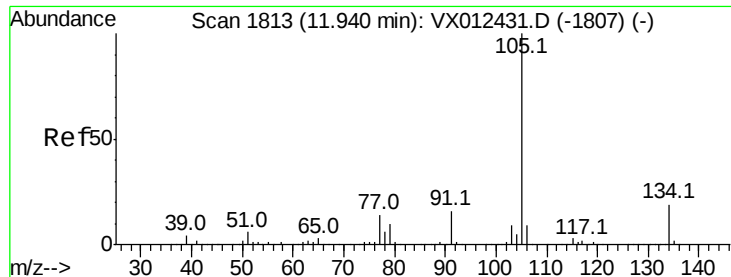
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.0	90.0
134	23.2	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 52.144 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.2	66.6

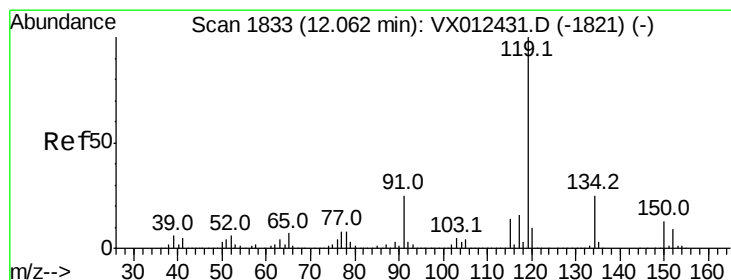
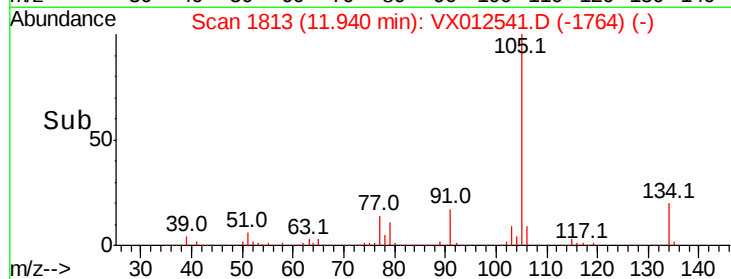
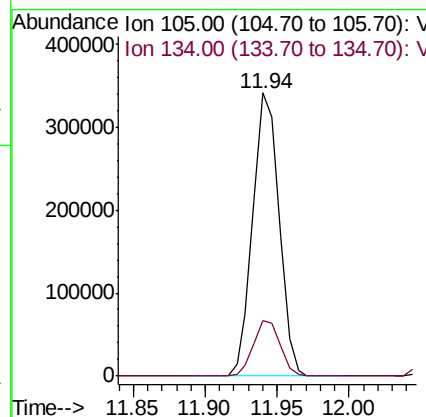
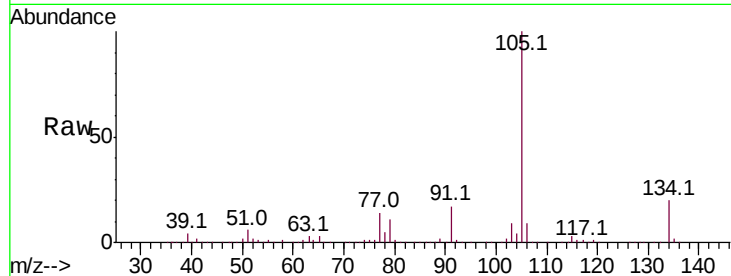




#85
 sec-Butylbenzene
 Concen: 50.347 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

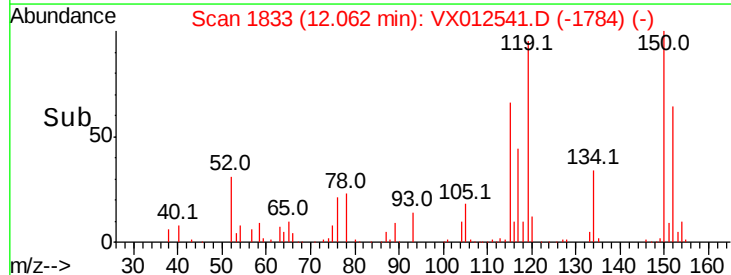
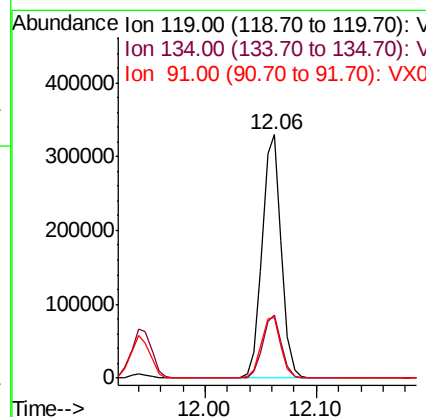
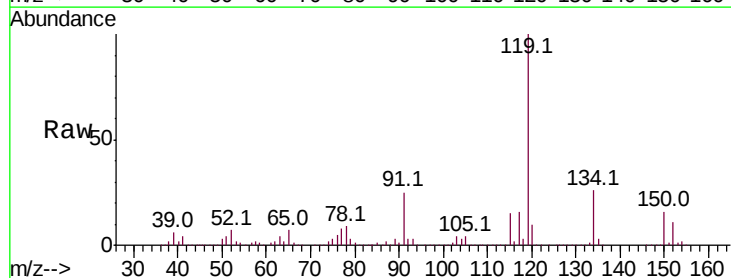
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

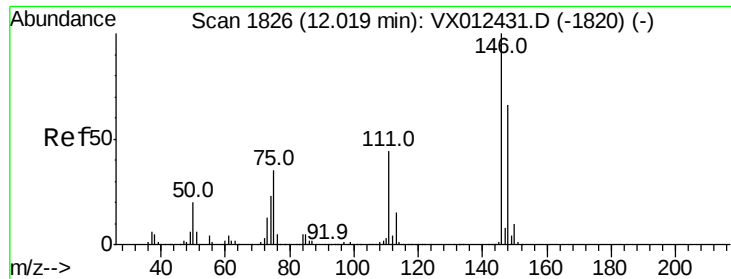
Tot Ion:105 Resp: 429485
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.335 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion:119 Resp: 394287
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.7 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 51.362 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

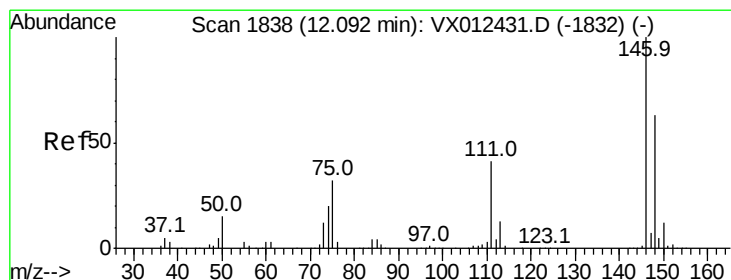
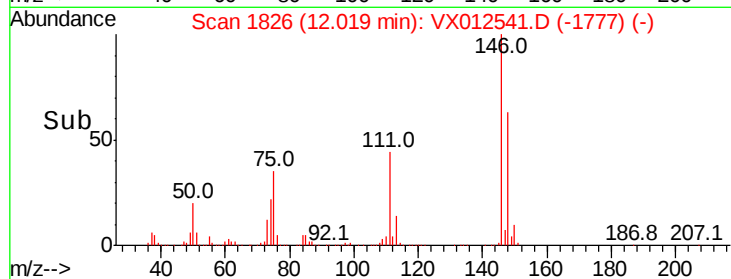
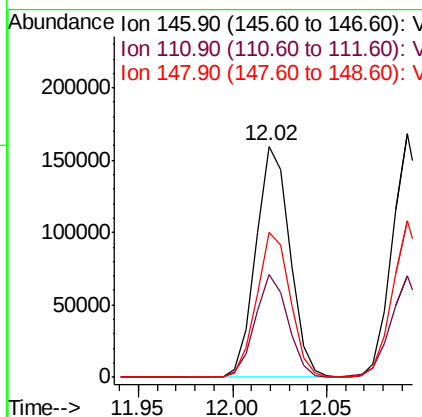
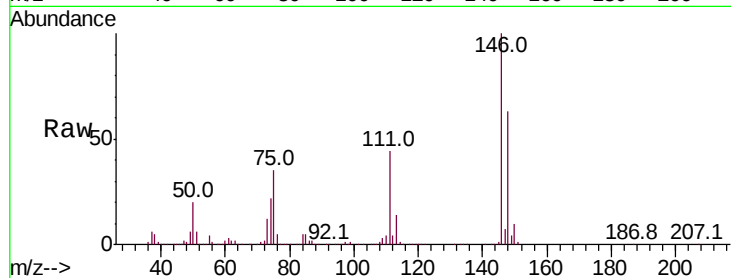
Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion:146 Resp: 199607

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	64.0
148	62.5	32.4	97.2



#88

1,4-Dichlorobenzene

Concen: 50.475 ug/l

RT: 12.09 min Scan# 1838

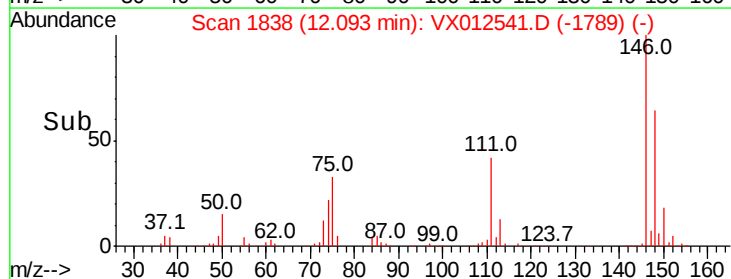
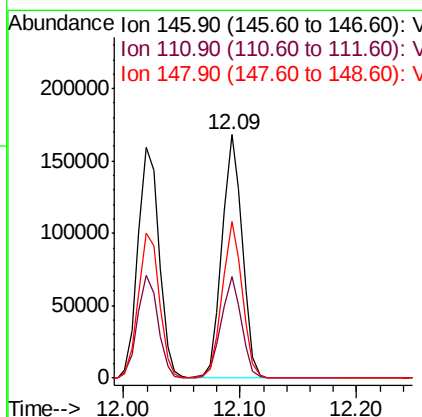
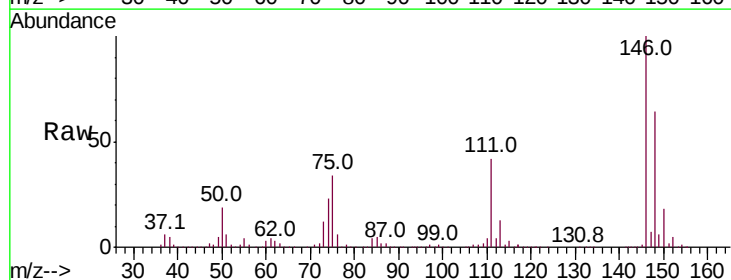
Delta R.T. 0.00 min

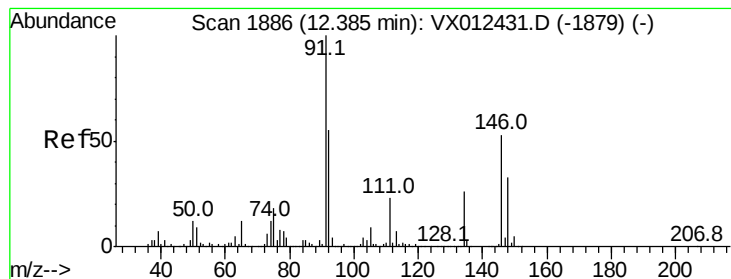
Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:146 Resp: 201500

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	63.7	32.1	96.5





#89

n-Butylbenzene

Concen: 47.147 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

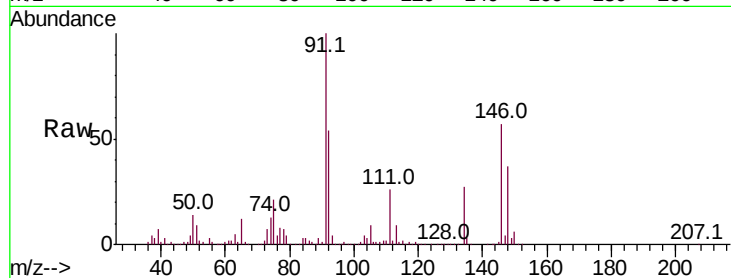
Tot Ion: 91 Resp: 329516

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

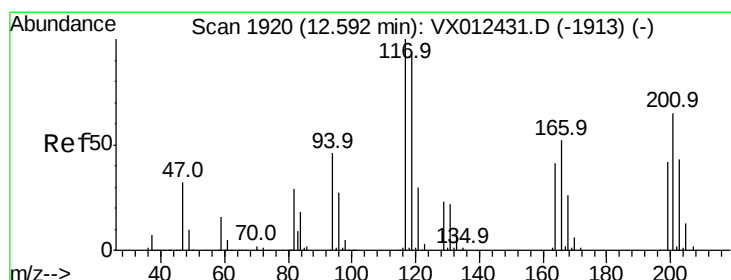
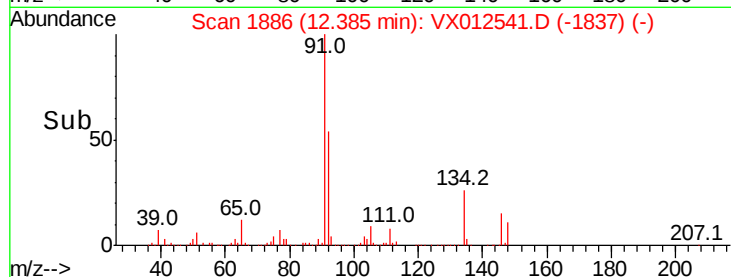
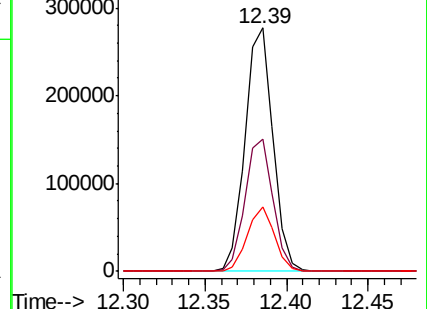
134 26.0 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.621 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012541.D

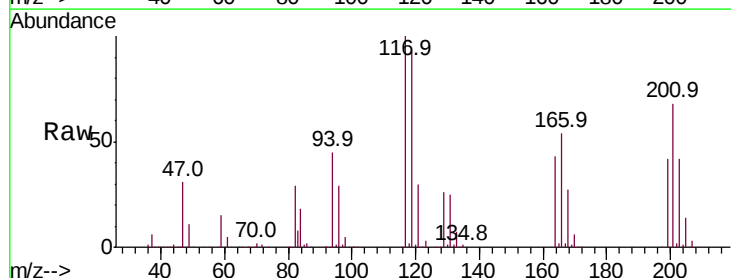
Acq: 19 Sep 2019 20:14

Tgt Ion: 117 Resp: 72706

Ion Ratio Lower Upper

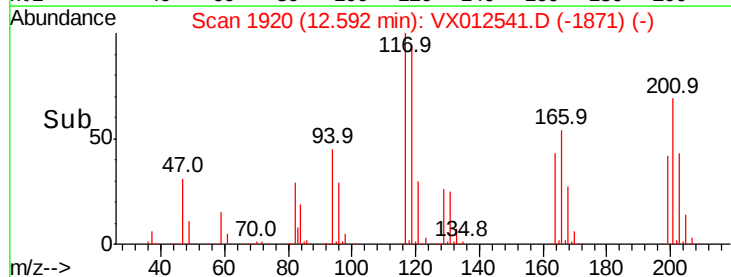
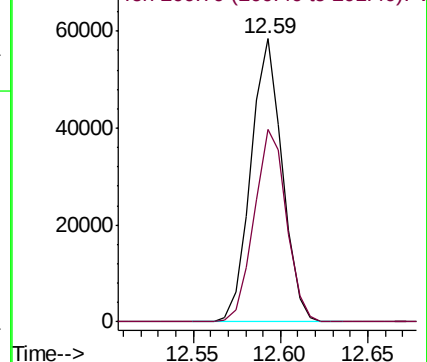
117 100

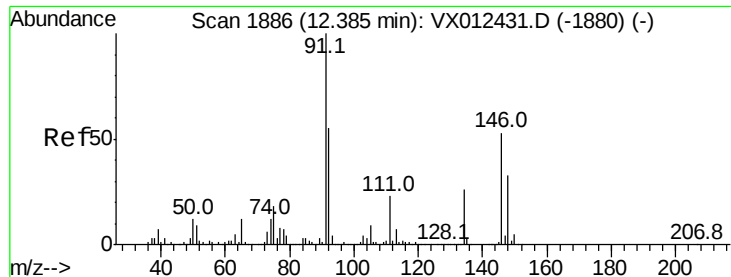
201 70.1 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

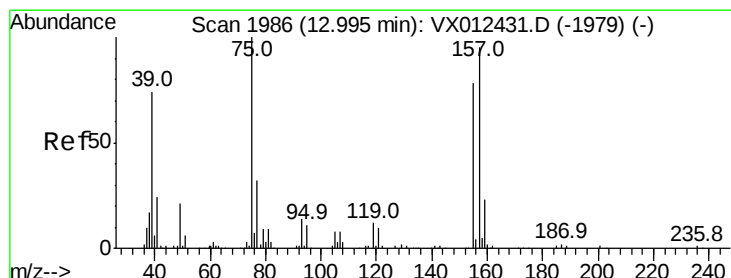
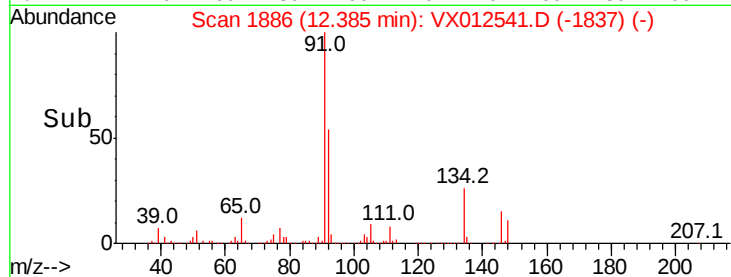
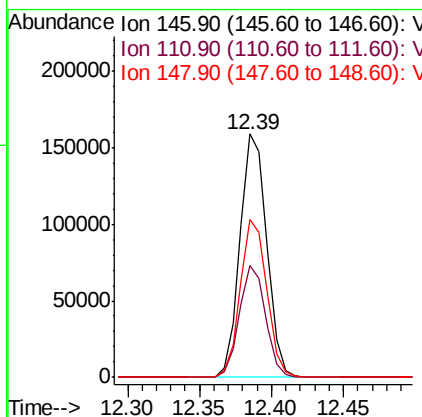
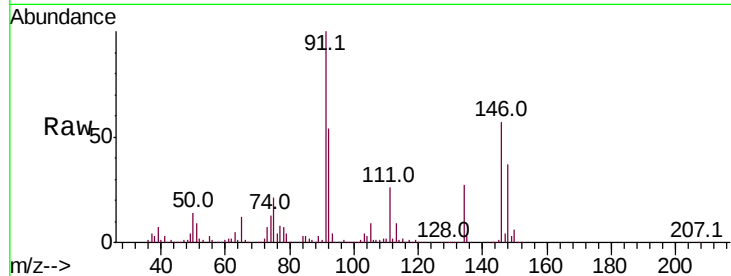




#91
 1,2-Dichlorobenzene
 Concen: 50.481 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

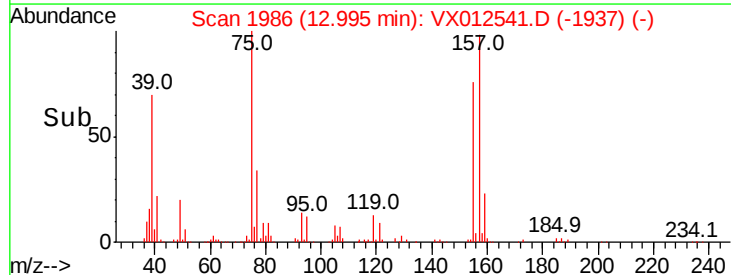
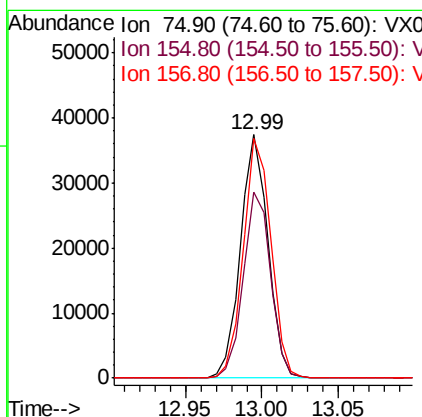
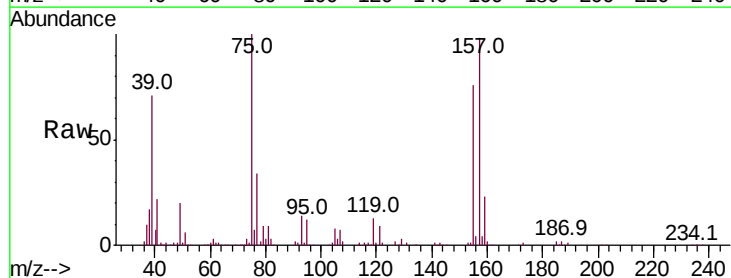
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

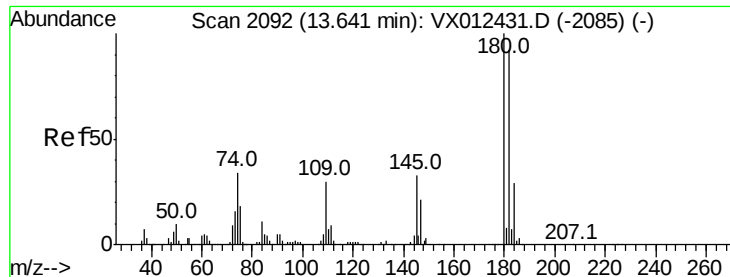
Tot Ion:146 Resp: 205048
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.1
 148 64.3 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.139 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion: 75 Resp: 46642
 Ion Ratio Lower Upper
 75 100
 155 76.0 38.6 115.8
 157 98.8 50.6 151.9

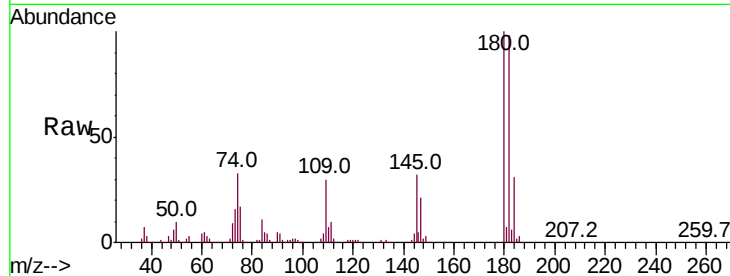




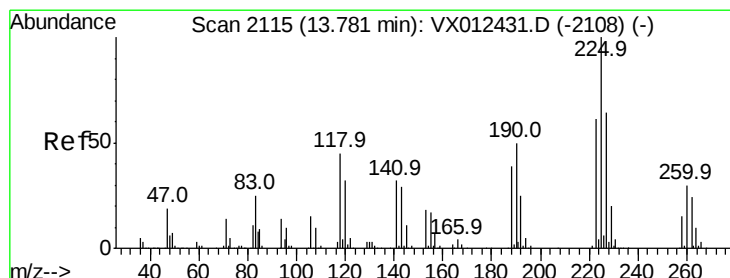
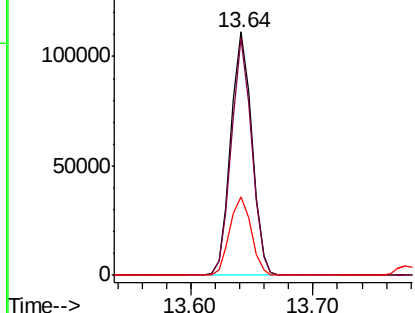
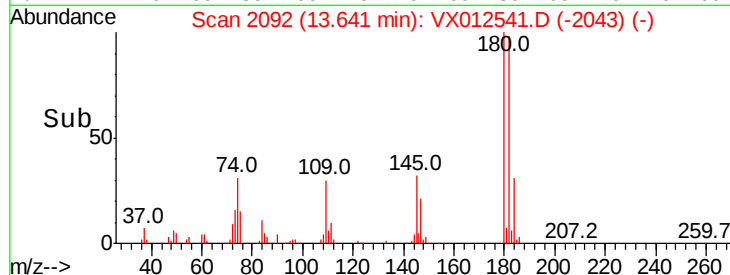
#93
 1,2,4-Trichlorobenzene
 Concen: 50.473 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.0	141.0
145	32.9	16.8	50.4

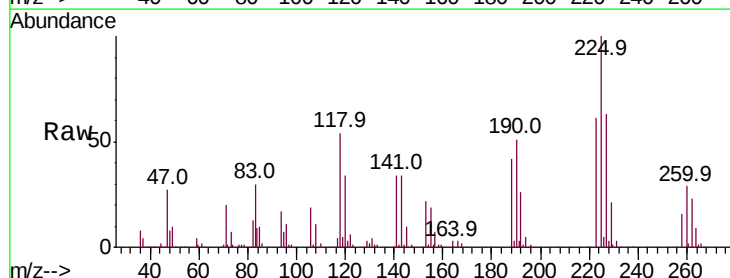


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

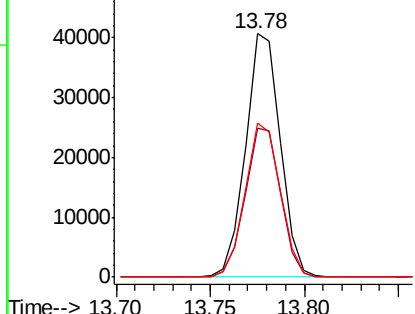
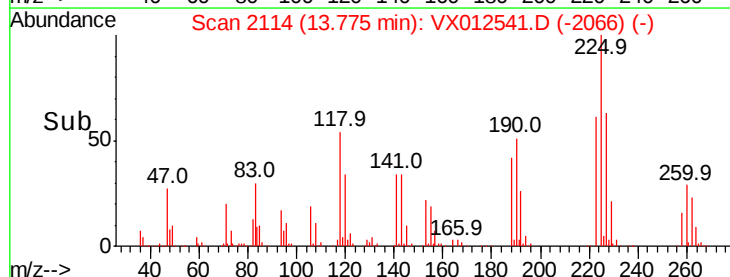


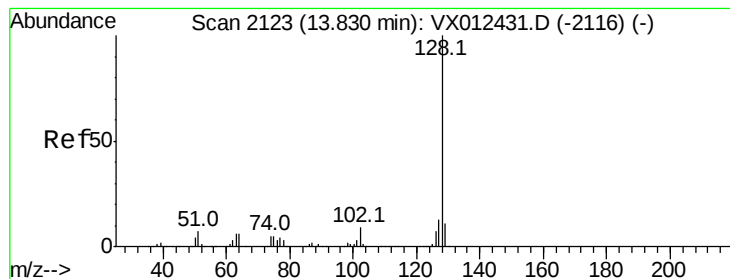
#94
 Hexachlorobutadiene
 Concen: 42.222 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.0	96.2
227	63.8	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: 53.755 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

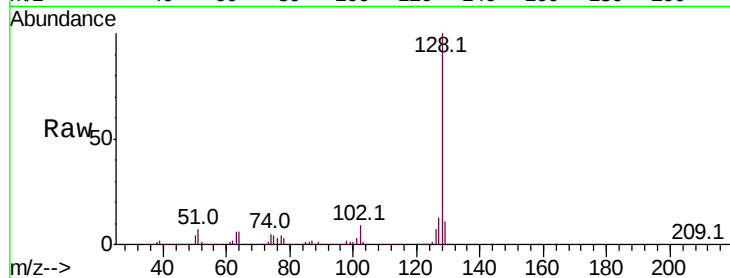
Tot Ion:128 Resp: 500429

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

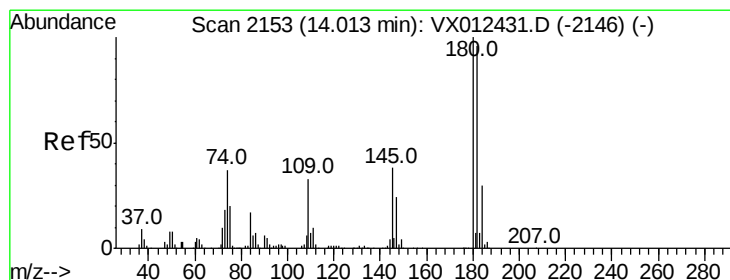
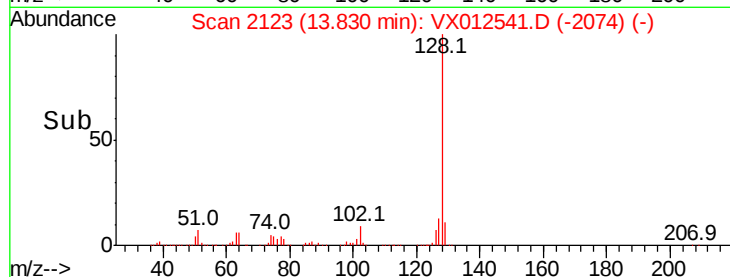
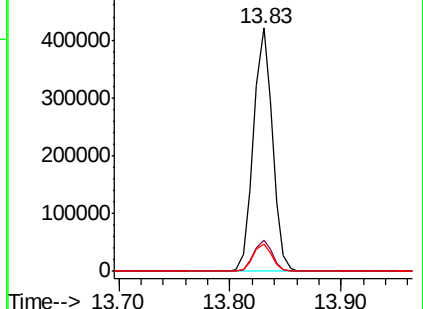
129 11.1 8.8 13.2



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: 51.346 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

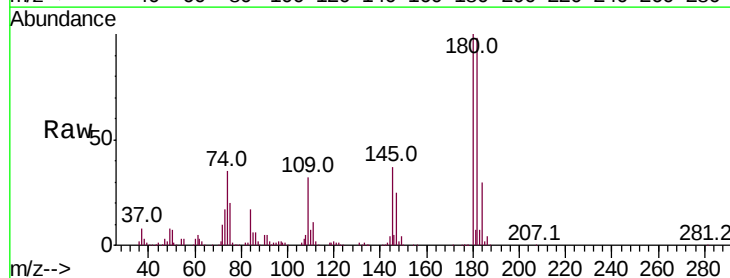
Tgt Ion:180 Resp: 136895

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 35.8 18.0 54.0



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

