

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012532.D
 Acq On : 19 Sep 2019 16:44
 Operator : JC/SP
 Sample : K4883-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

Quant Time: Sep 20 04:34:40 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	181386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101340	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118498	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
35) Dibromofluoromethane	5.49	113	84198	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.72	98	334573	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	123192	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	27	0.413	ug/l #	28
3) Chloromethane	1.32	50	658	0.660	ug/l #	22
4) Vinyl Chloride	1.40	62	2699599	2504.720	ug/l	95
5) Bromomethane	1.64	94	260	0.614	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	944	0.660	ug/l #	36
10) Methyl Iodide	2.50	142	704	4.965	ug/l #	82
11) Tert butyl alcohol	3.03	59	3315	Below Cal	#	94
12) 1,1-Dichloroethene	2.37	96	335640	294.322	ug/l	98
13) Acrolein	2.28	56	57	Below Cal	#	15
15) Acrylonitrile	3.14	53	589	0.523	ug/l #	46
16) Acetone	2.44	43	13547	3.558	ug/l	97
17) Carbon Disulfide	2.56	76	667	2.205	ug/l #	75
20) Methylene Chloride	2.84	84	972	0.618	ug/l #	63
21) trans-1,2-Dichloroethene	3.16	96	227929	192.474	ug/l	96
25) 2-Butanone	4.69	43	932	0.517	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	20001403	11306.481	ug/l	83
29) Tetrahydrofuran	5.12	42	461	0.463	ug/l #	34
30) Chloroform	5.21	83	3343	0.979	ug/l	97
31) Cyclohexane	5.57	56	24978	13.912	ug/l	99
36) 1,1-Dichloropropene	5.65	75	15648	8.908	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19808	9.066	ug/l #	16
39) Methylcyclohexane	7.46	83	24387	14.281	ug/l	94
40) Benzene	6.14	78	74130	13.271	ug/l	96
44) Trichloroethene	7.22	130	8576545	5836.687	ug/l	94
48) Methyl methacrylate	7.73	41	1949	0.854	ug/l #	68
49) 1,4-Dioxane	7.70	88	27	0.486	ug/l #	1
52) Toluene	8.78	92	16256	4.516	ug/l	94
55) 1,1,2-Trichloroethane	9.35	97	123587	66.644	ug/l #	1
56) Ethyl methacrylate	9.16	69	586	0.202	ug/l #	65
60) Dibromochloromethane	9.36	129	12544584	6641.110	ug/l #	11
64) Tetrachloroethene	9.36	164	12256452	10910.161	ug/l	94
65) Chlorobenzene	10.14	112	1282	0.317	ug/l	100
67) Ethyl Benzene	10.25	91	9152	1.316	ug/l	95
68) m/p-Xylenes	10.36	106	8253	3.263	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

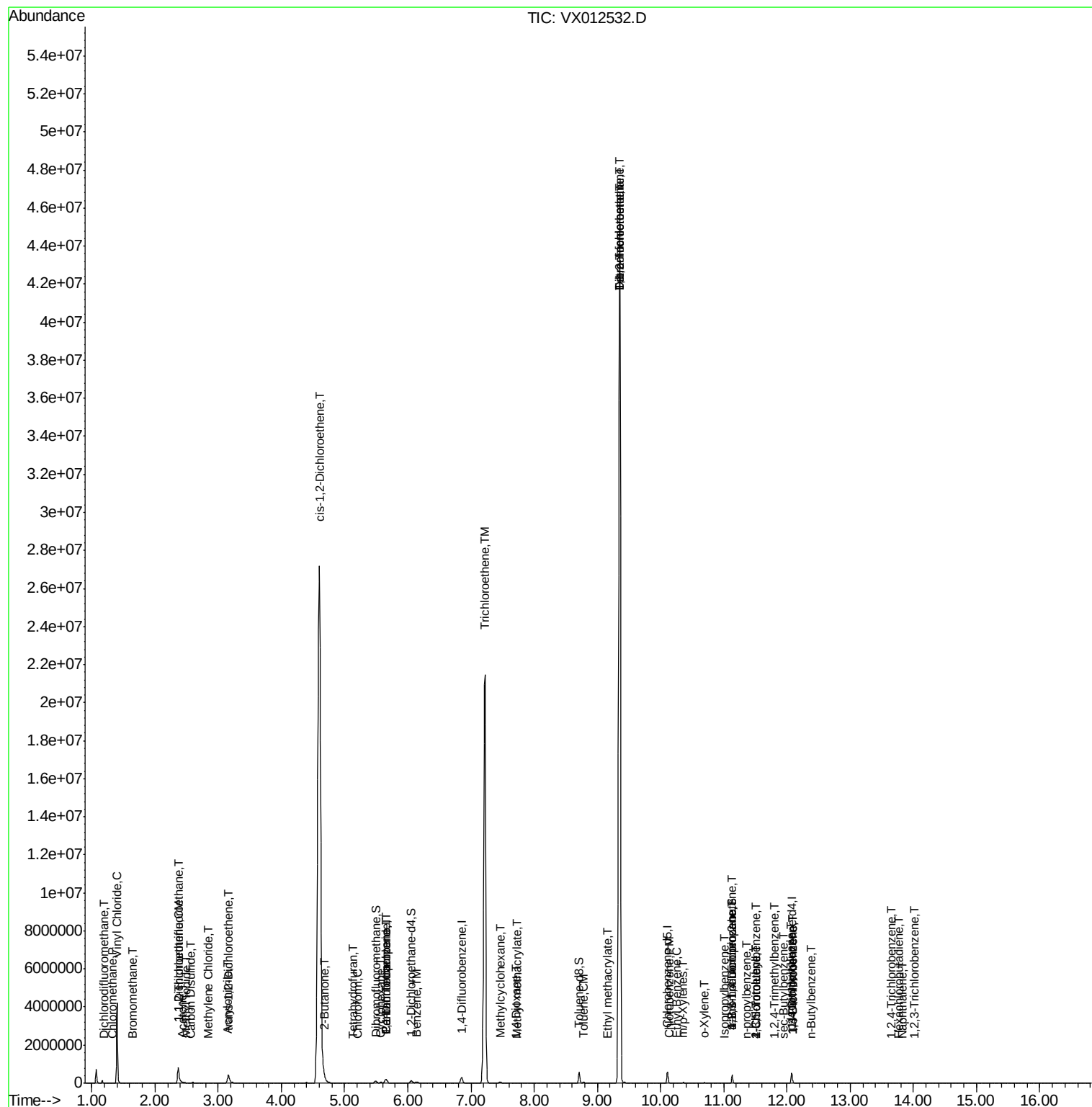
69) o-Xylene	10.70	106	5126	1.971	ug/l	97
73) Isopropylbenzene	11.02	105	3028	0.476	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	64746	27.814	ug/l #	38
78) n-propylbenzene	11.35	91	1854	0.262	ug/l	94
79) 2-Chlorotoluene	11.51	91	1206	0.262	ug/l	79
80) 1,3,5-Trimethylbenzene	11.50	105	1608	0.297	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.14	75	64746	74.726	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1206	0.228	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	3144	0.565	ug/l	100
85) sec-Butylbenzene	11.95	105	1543	0.241	ug/l	92
86) p-Isopropyltoluene	12.06	119	1600	0.272	ug/l #	53
87) 1,3-Dichlorobenzene	12.09	146	20178	6.917	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	20178	6.734	ug/l	97
89) n-Butylbenzene	12.39	91	1274	0.243	ug/l #	78
93) 1,2,4-Trichlorobenzene	13.64	180	724	0.369	ug/l	87
94) Hexachlorobutadiene	13.78	225	226	0.244	ug/l #	45
95) Naphthalene	13.83	128	2879	0.412	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	650	0.325	ug/l	87

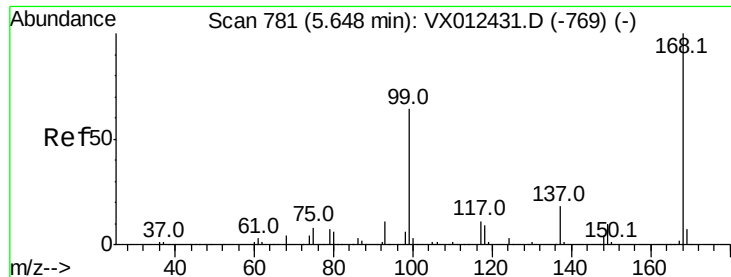
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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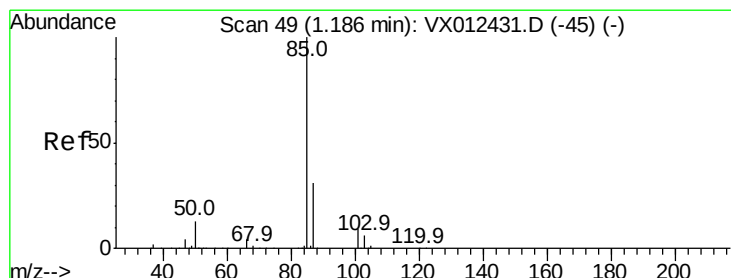
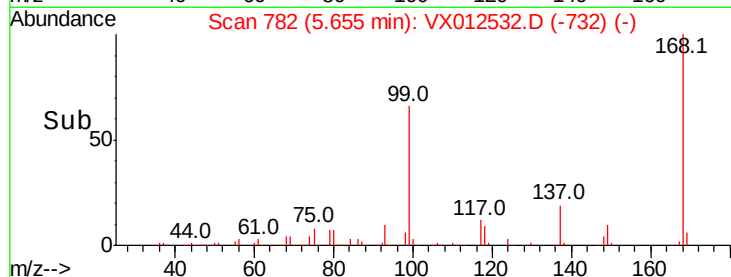
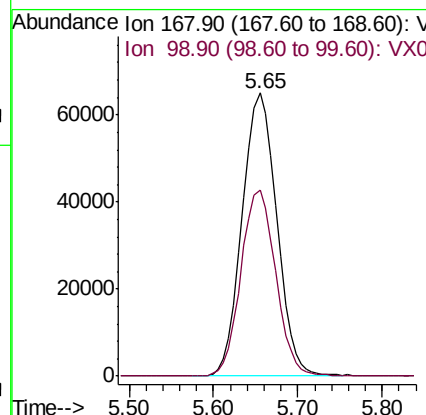
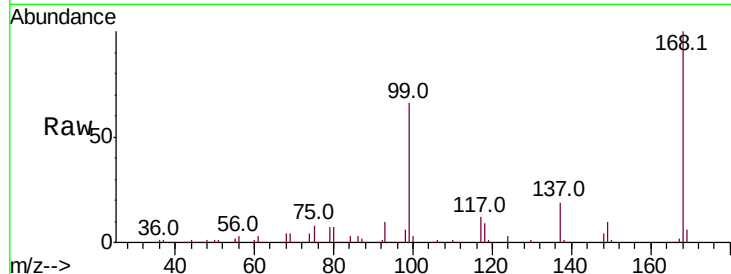




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

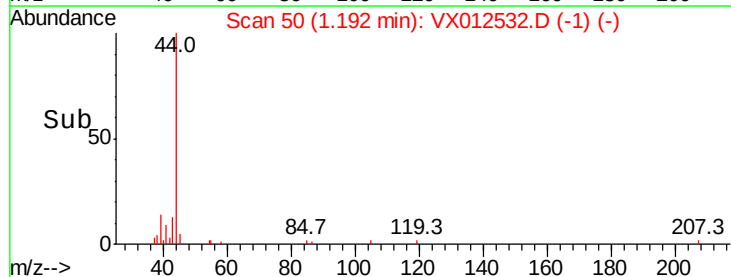
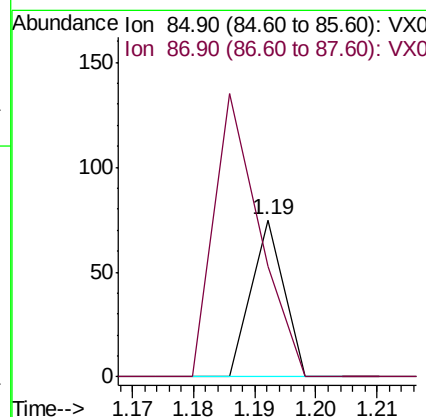
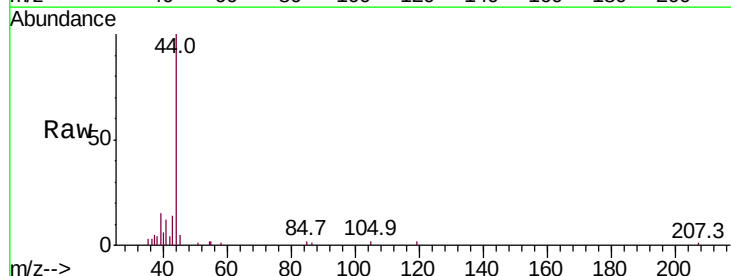
Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1

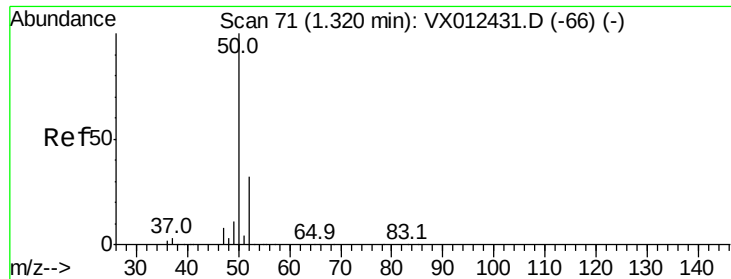
Tot Ion:168 Resp: 181386
Ion Ratio Lower Upper
168 100
99 65.8 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 0.413 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 70.7 15.6 46.8#





#3

Chloromethane

Concen: 0.660 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

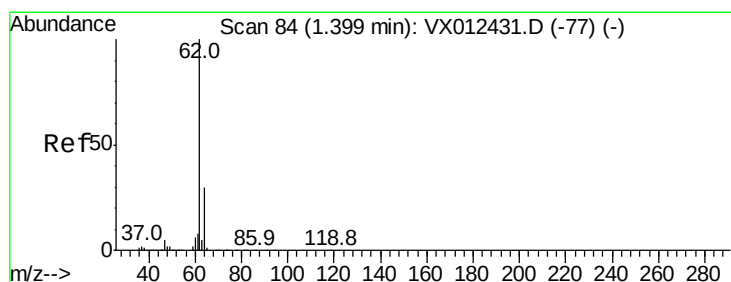
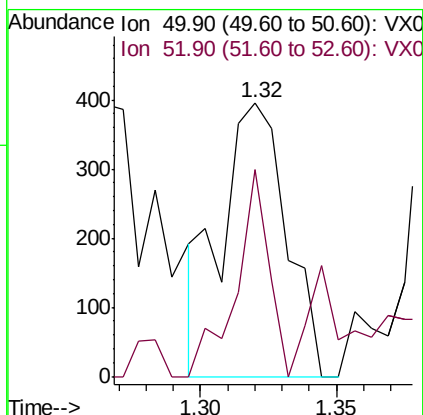
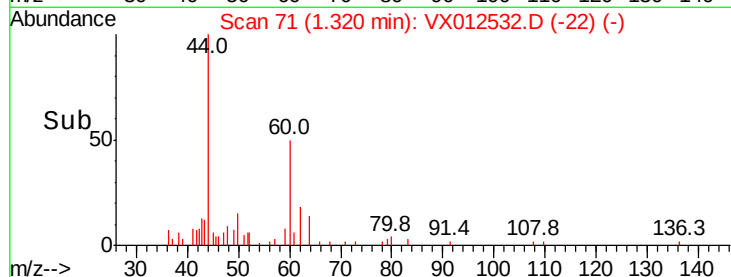
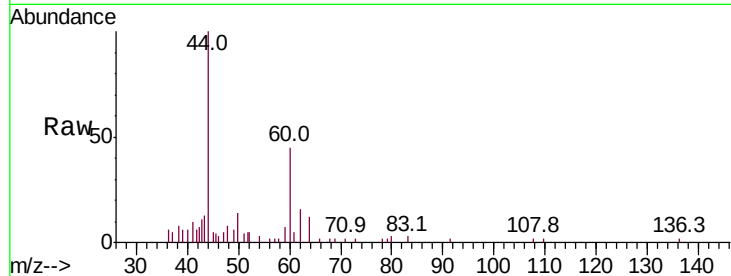
MW6-R2-1

Tot Ion: 50 Resp: 658

Ion Ratio Lower Upper

50 100

52 75.5 25.7 38.5#



#4

Vinyl Chloride

Concen: 2504.720 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012532.D

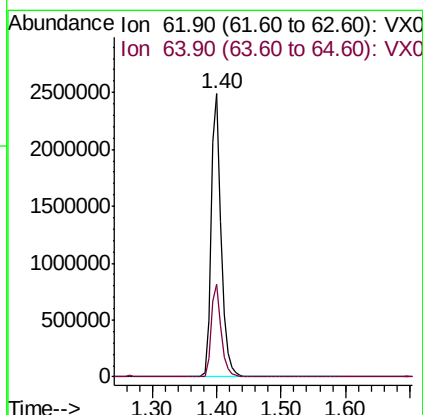
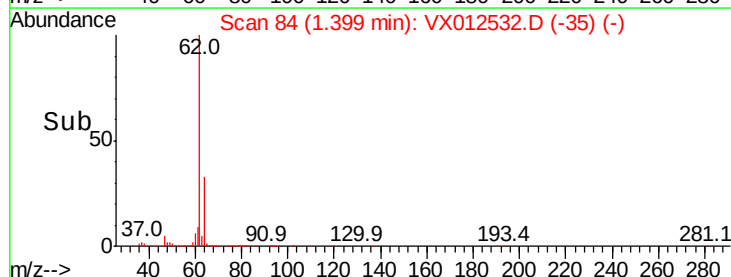
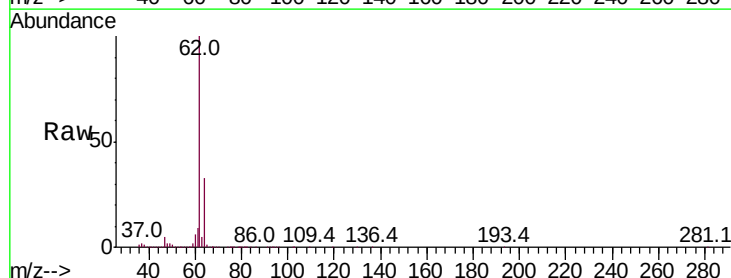
Acq: 19 Sep 2019 16:44

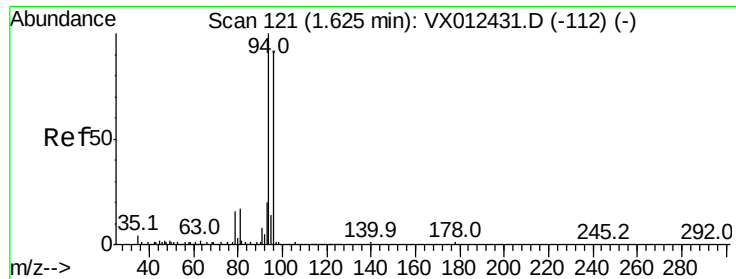
Tgt Ion: 62 Resp: 2699599

Ion Ratio Lower Upper

62 100

64 32.9 24.2 36.2





#5

Bromomethane

Concen: 0.614 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

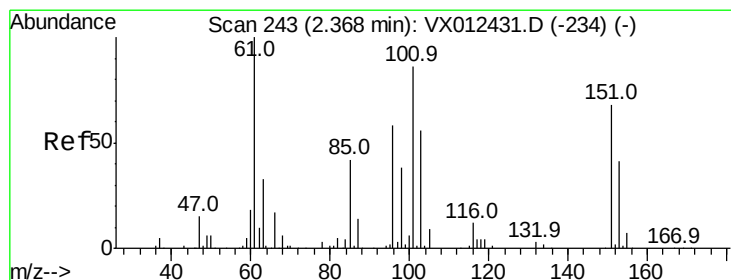
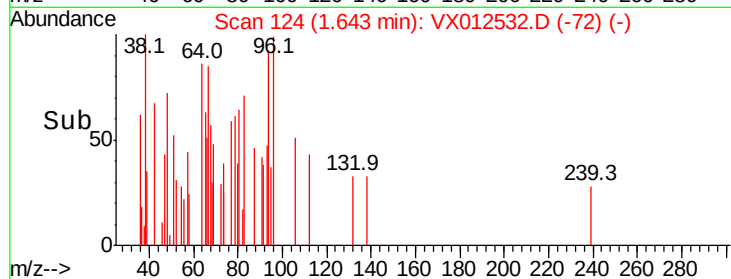
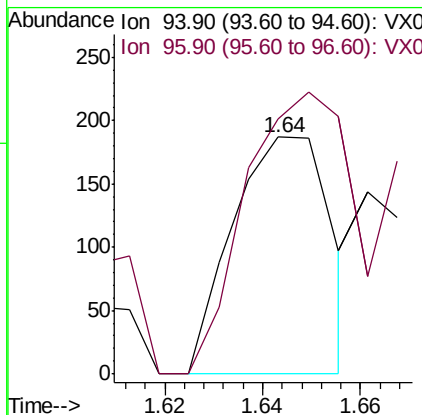
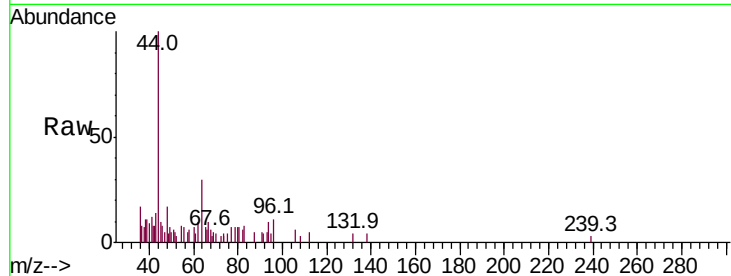
MW6-R2-1

Tot Ion: 94 Resp: 260

Ion Ratio Lower Upper

94 100

96 107.5 72.8 109.2



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.660 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

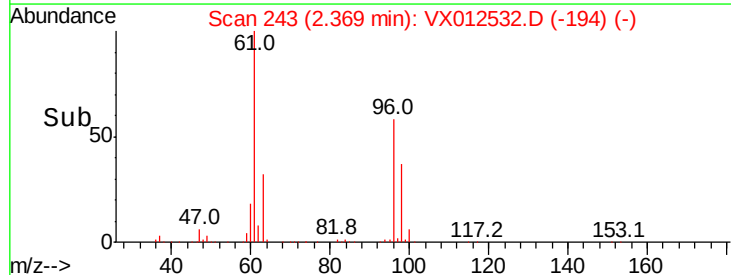
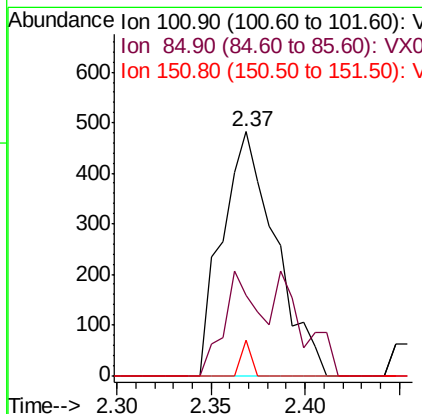
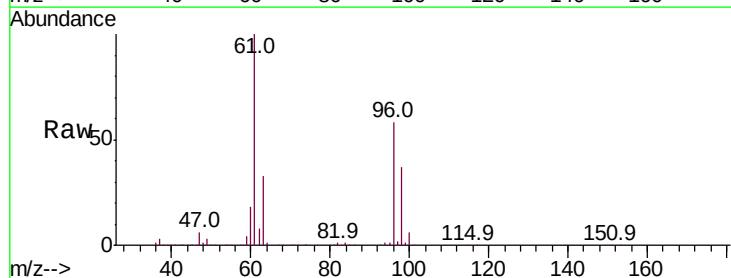
Tgt Ion:101 Resp: 944

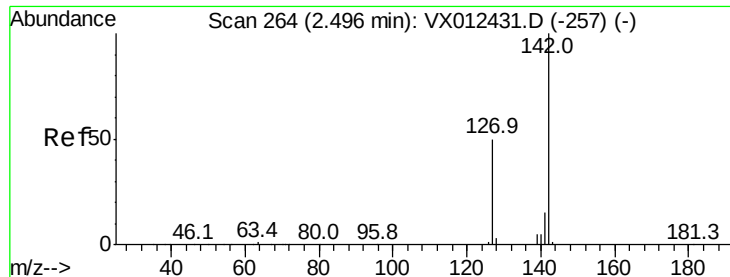
Ion Ratio Lower Upper

101 100

85 28.2 37.3 55.9#

151 2.8 61.0 91.4#

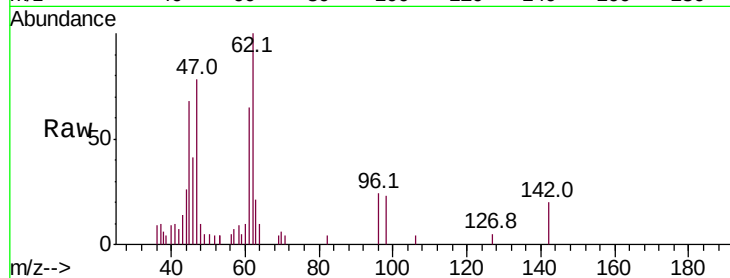




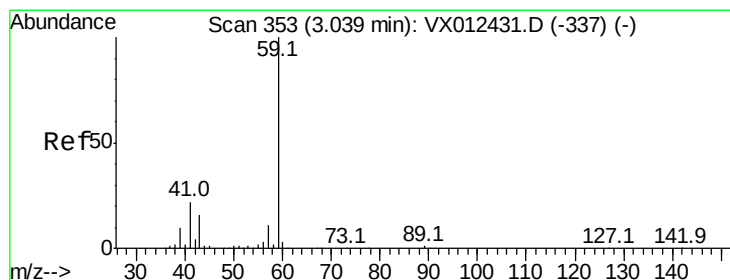
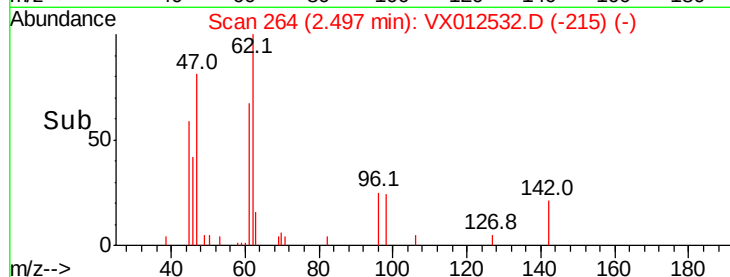
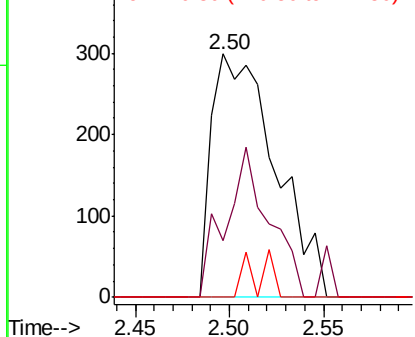
#10
Methvl Iodide
Concen: 4.965 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1

Tot Ion:142 Resp: 704
Ion Ratio Lower Upper
142 100
127 42.2 40.8 61.2
141 0.0 12.1 18.1#

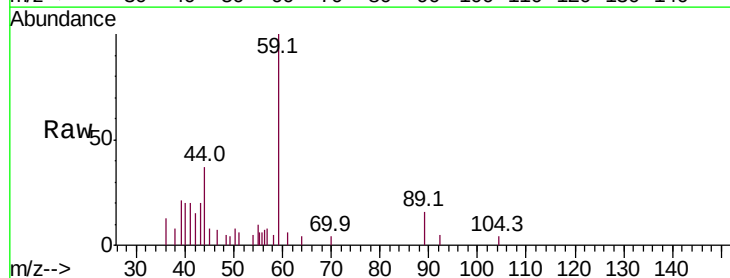


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

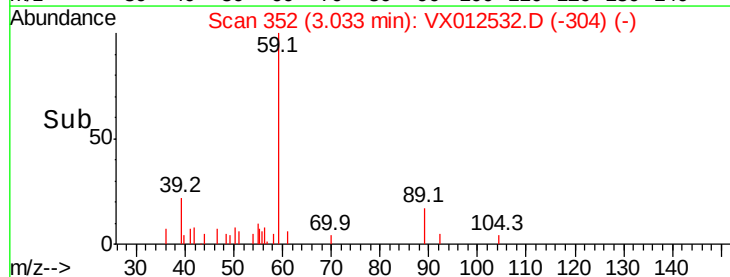
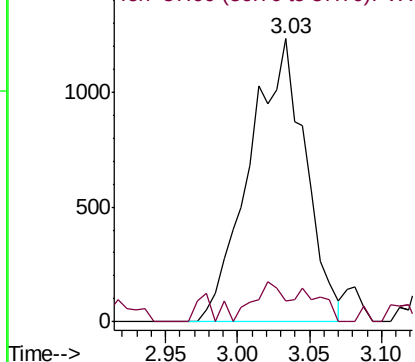


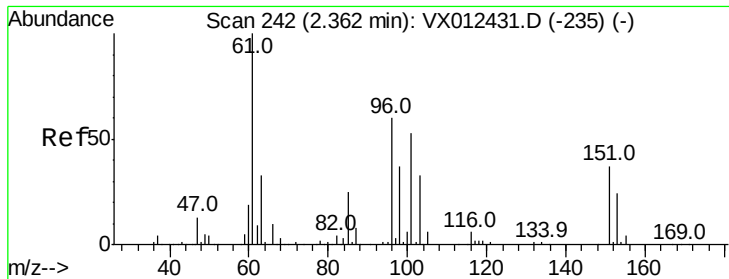
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 59 Resp: 3315
Ion Ratio Lower Upper
59 100
57 8.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 294.322 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

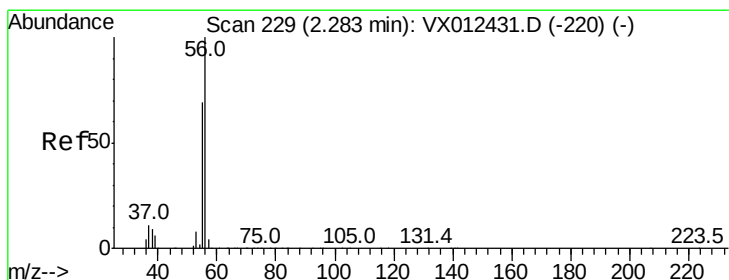
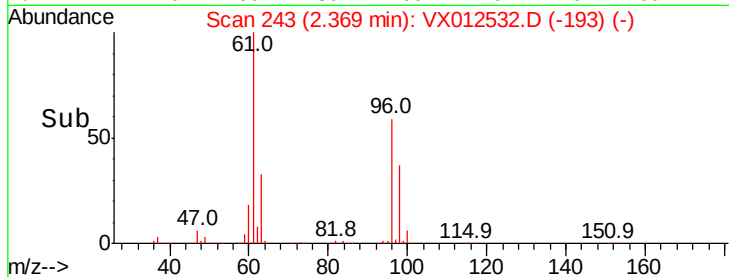
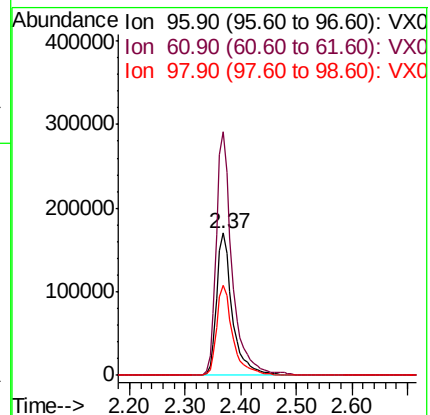
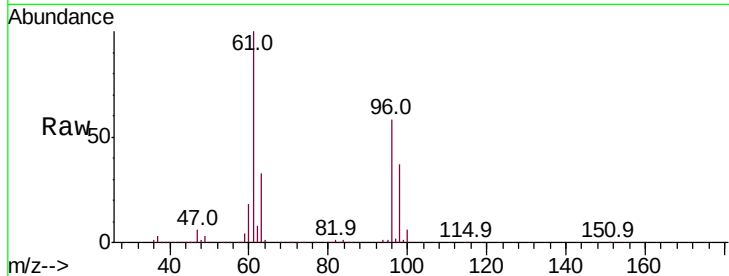
Tot Ion: 96 Resp: 335640

Ion Ratio Lower Upper

96 100

61 171.0 133.8 200.6

98 63.3 49.9 74.9



#13

Acrolein

Concen: Below Cal

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX012532.D

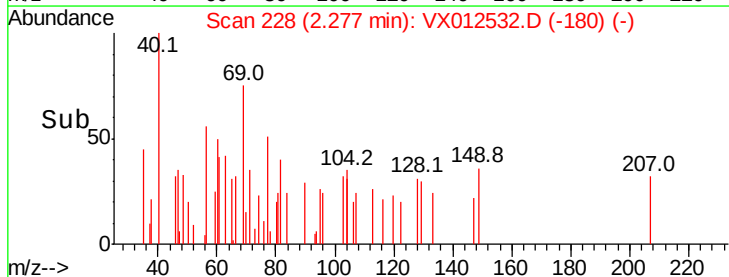
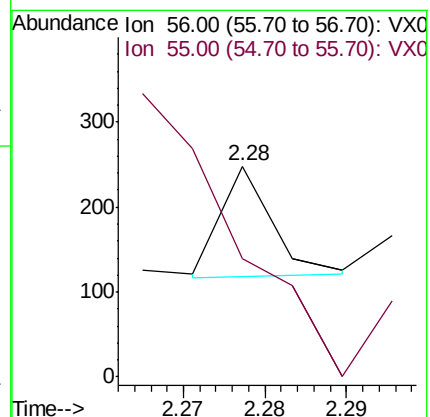
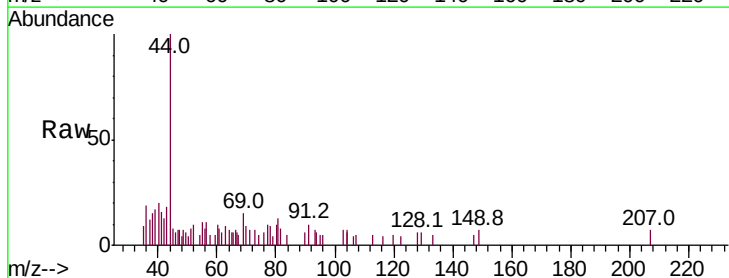
Acq: 19 Sep 2019 16:44

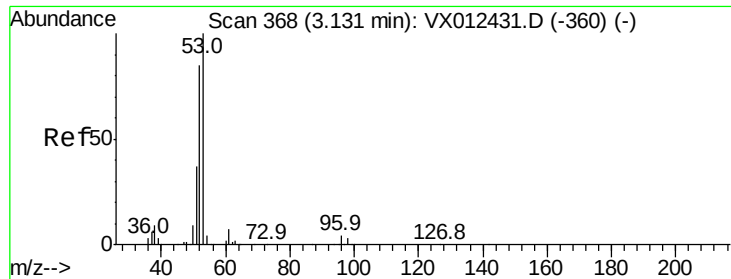
Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#





#15

Acrylonitrile

Concen: 0.523 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

MW6-R2-1

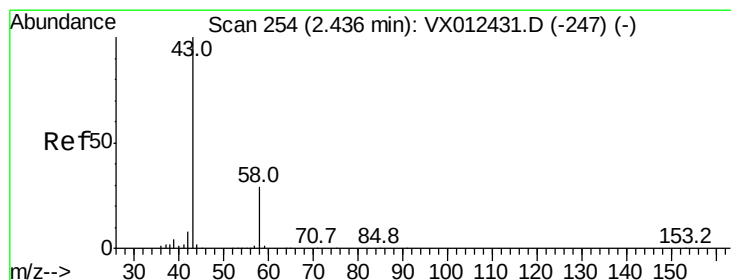
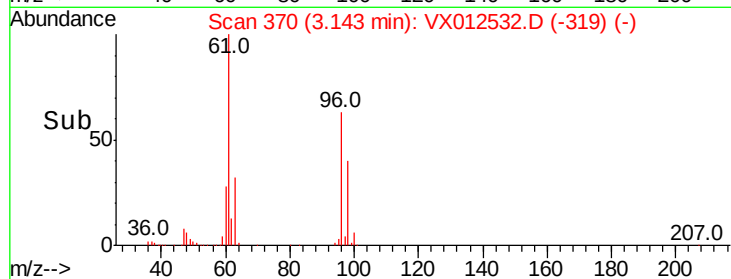
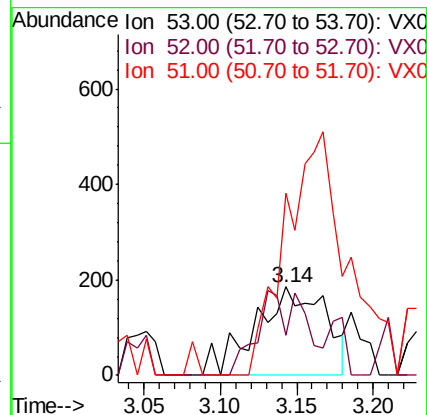
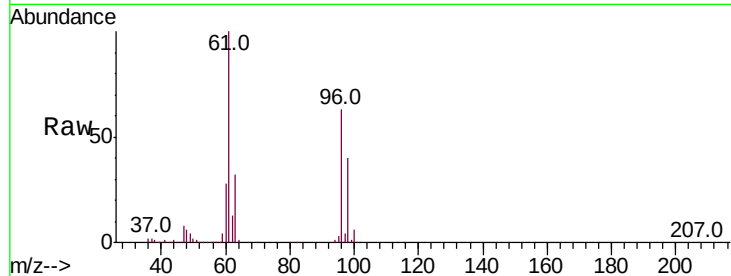
Tot Ion: 53 Resp: 589

Ion Ratio Lower Upper

53 100

52 38.4 67.0 100.4#

51 0.0 29.6 44.4#



#16

Acetone

Concen: 3.558 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012532.D

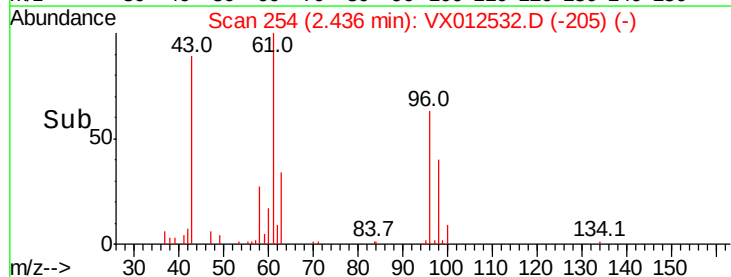
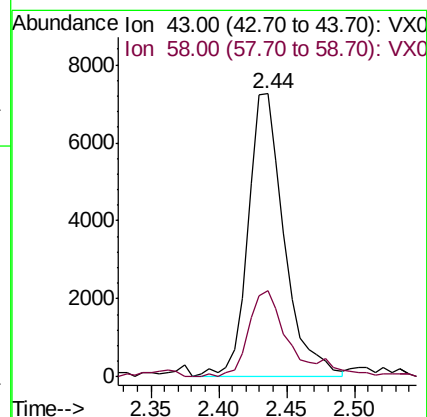
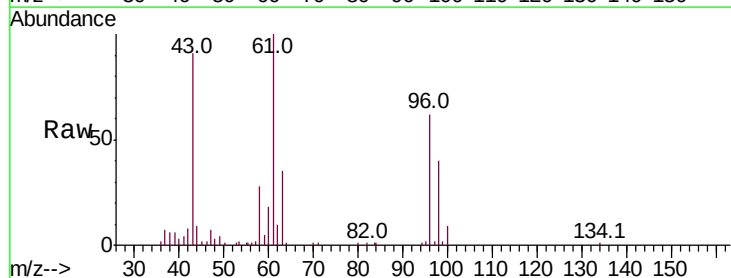
Acq: 19 Sep 2019 16:44

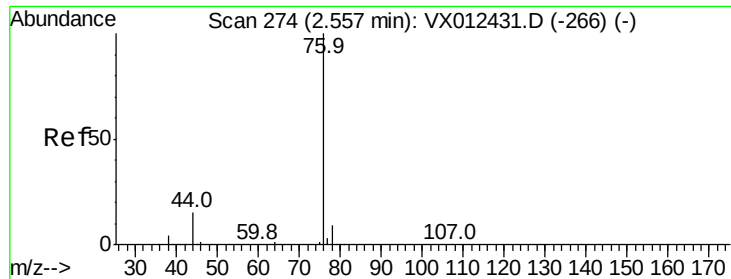
Tgt Ion: 43 Resp: 13547

Ion Ratio Lower Upper

43 100

58 30.5 23.3 34.9





#17

Carbon Disulfide

Concen: 2.205 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

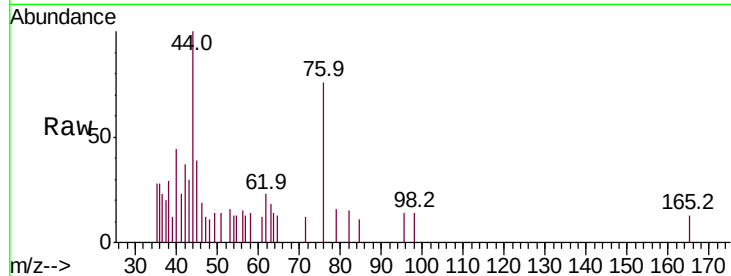
MW6-R2-1

Tot Ion: 76 Resp: 667

Ion Ratio Lower Upper

76 100

78 0.0 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

400

300

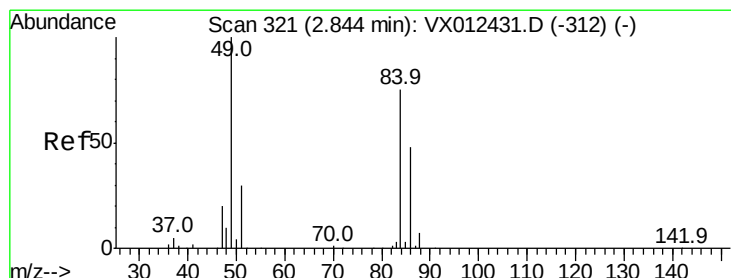
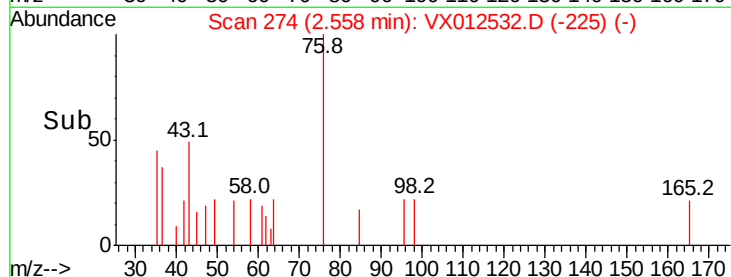
200

100

0

2.50 2.55 2.60

Time-->



#20

Methylene Chloride

Concen: 0.618 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Tgt Ion: 84 Resp: 972

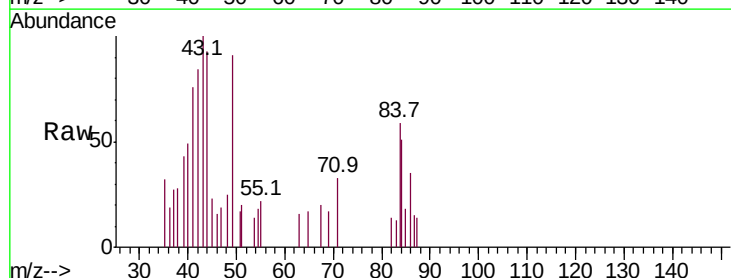
Ion Ratio Lower Upper

84 100

49 82.2 106.8 160.2#

51 33.4 32.3 48.5

86 31.7 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600

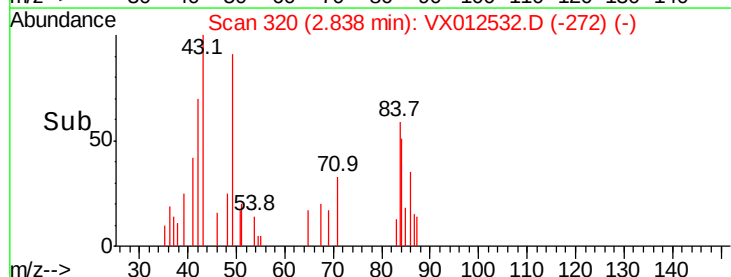
400

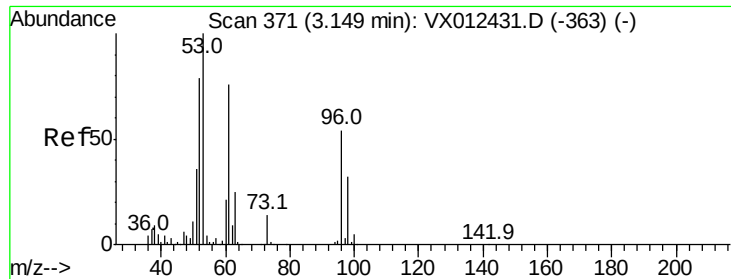
200

0

2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 192.474 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

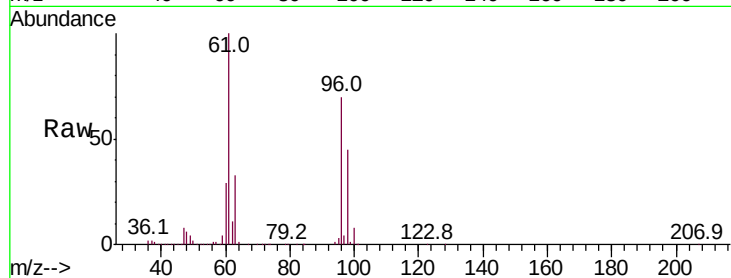
Tot Ion: 96 Resp: 227929

Ion Ratio Lower Upper

96 100

61 143.5 112.0 168.0

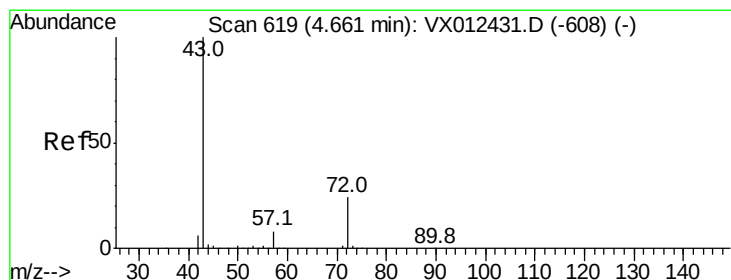
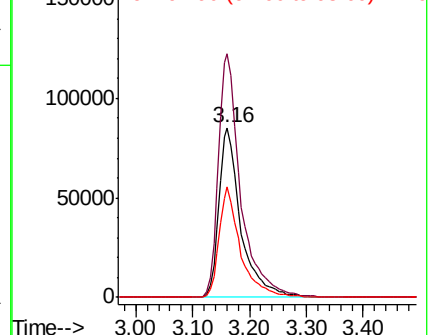
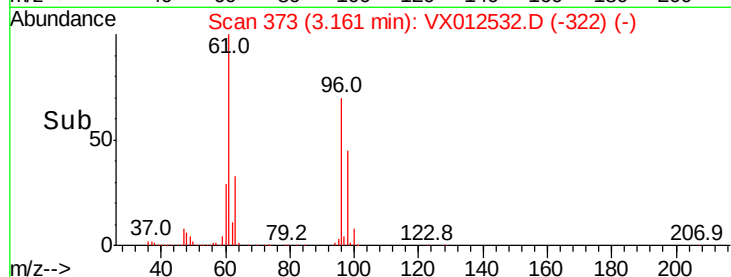
98 64.9 47.8 71.8



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



#25

2-Butanone

Concen: 0.517 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX012532.D

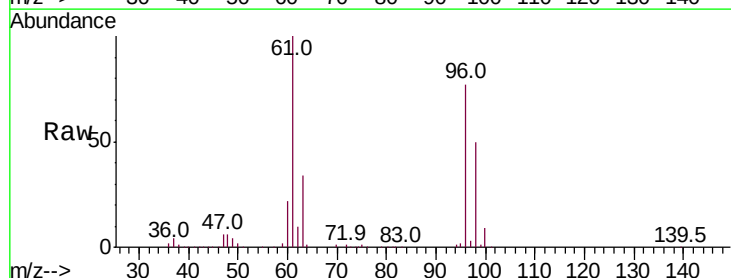
Acq: 19 Sep 2019 16:44

Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

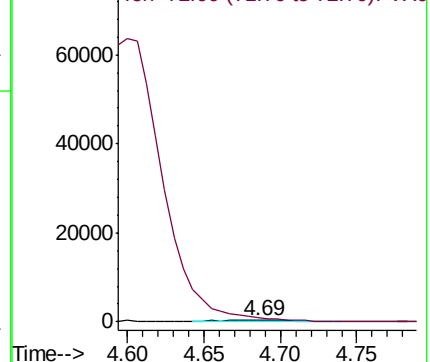
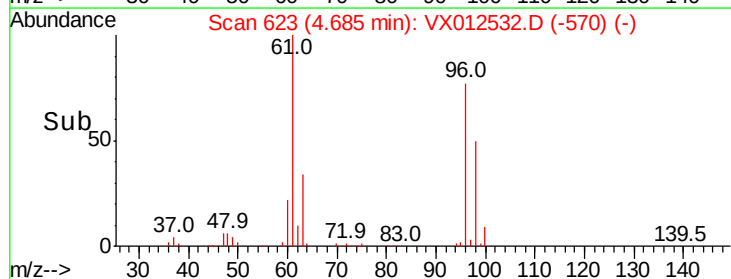
43 100

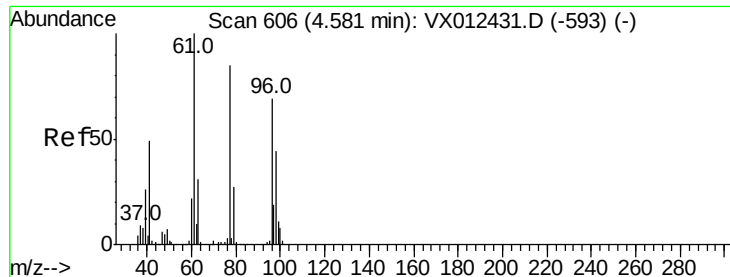
72 267.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



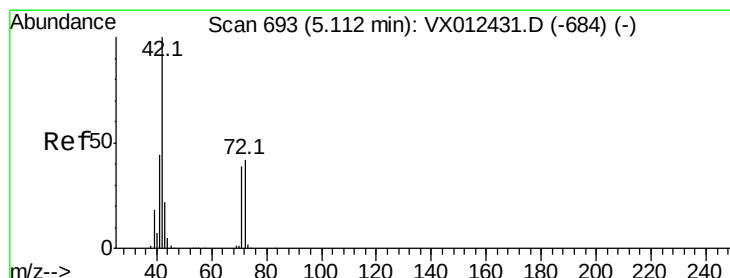
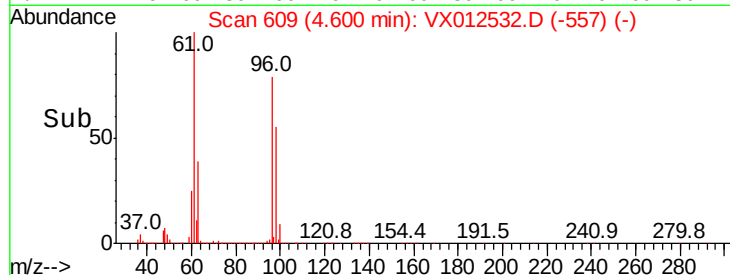
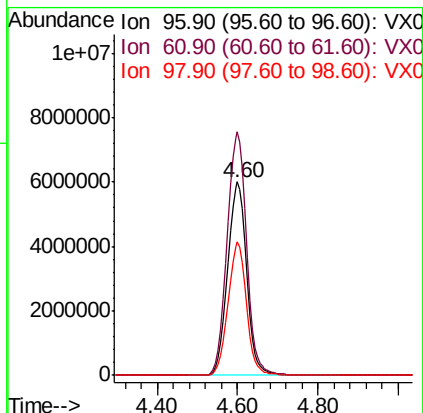
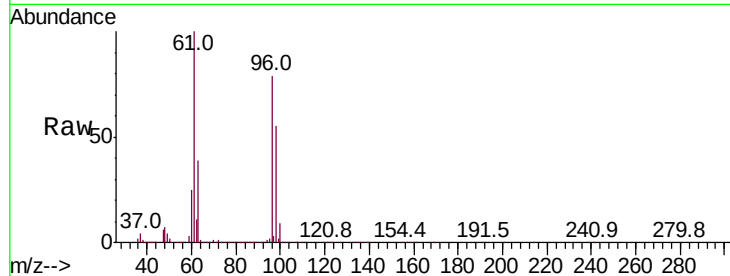


#27

cis-1,2-Dichloroethene
Concen: 11306.481 ug/l
RT: 4.60 min Scan# 609
Delta R.T. 0.02 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Instrument :
MSVOA_X
ClientSampled :
MW6-R2-1

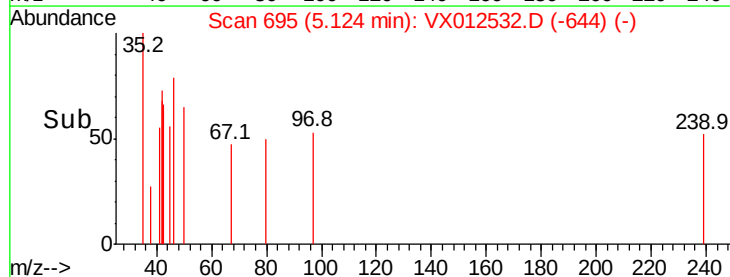
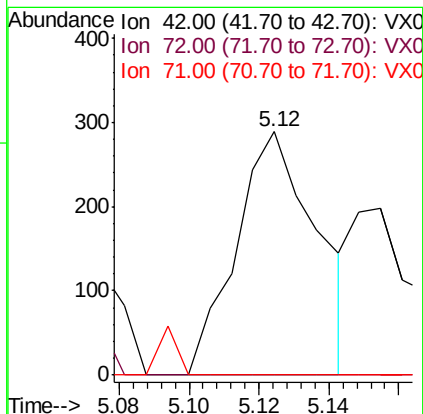
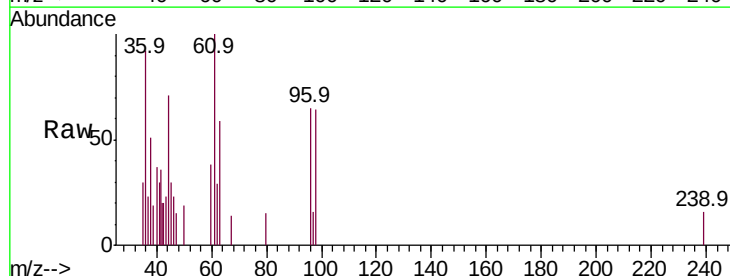
Tot Ion: 96 Resp:20001403
Ion Ratio Lower Upper
96 100
61 129.0 0.0 319.4
98 67.0 0.0 130.6

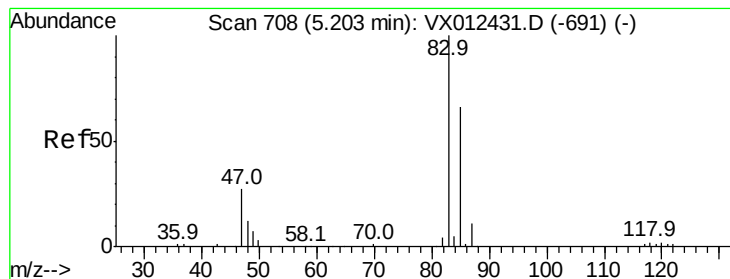


#29

Tetrahydrofuran
Concen: 0.463 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 31.5 47.3#





#30

Chloroform

Concen: 0.979 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

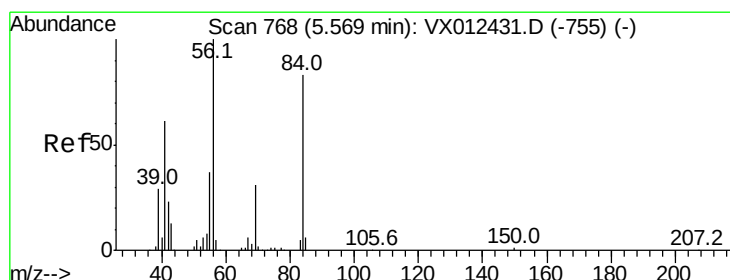
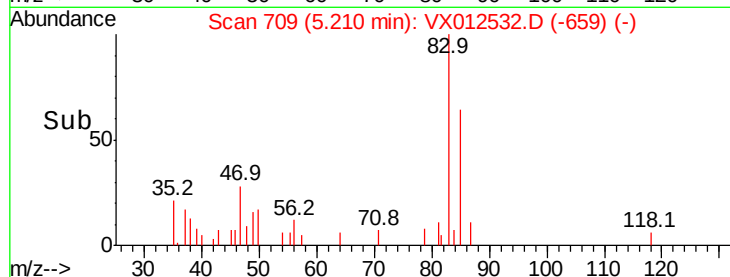
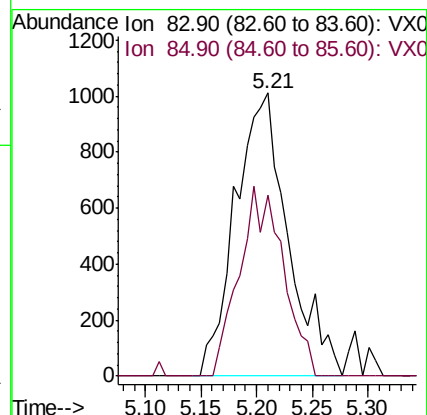
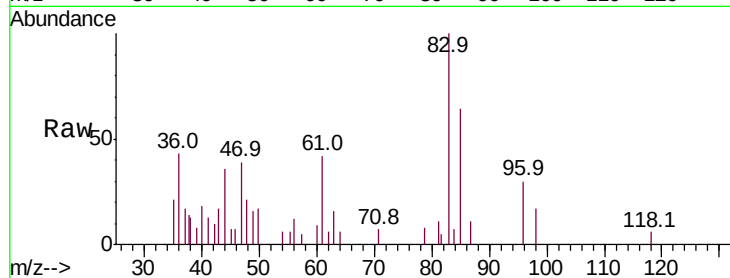
MW6-R2-1

Tot Ion: 83 Resp: 3343

Ion Ratio Lower Upper

83 100

85 64.0 53.0 79.4



#31

Cyclohexane

Concen: 13.912 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

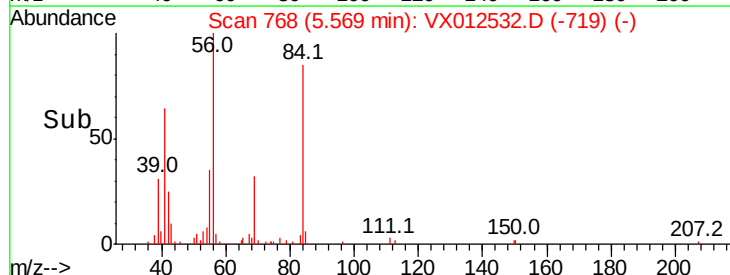
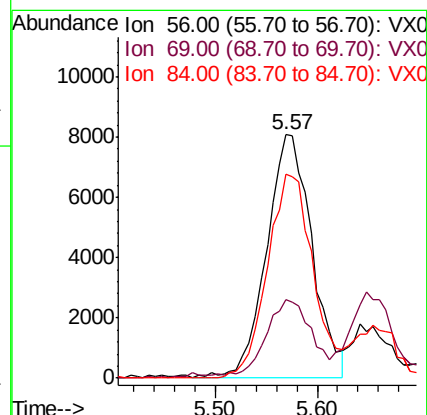
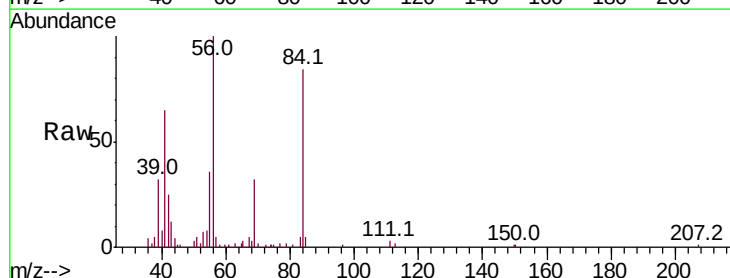
Tgt Ion: 56 Resp: 24978

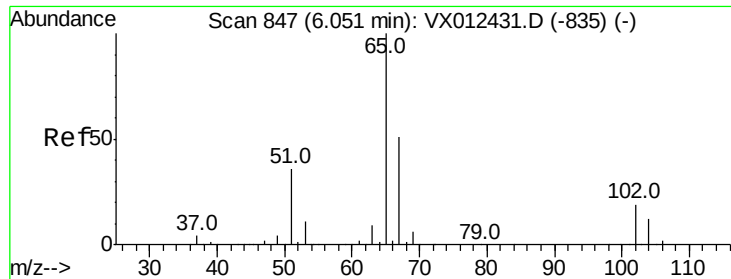
Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.6

84 84.0 66.4 99.6

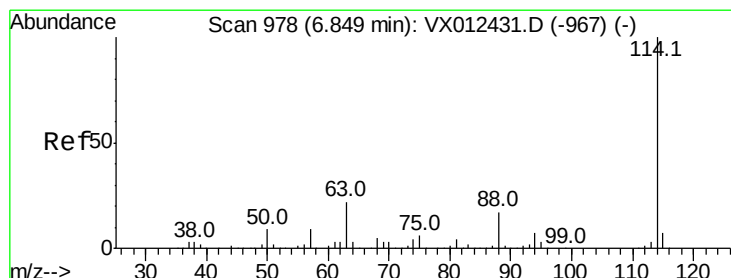
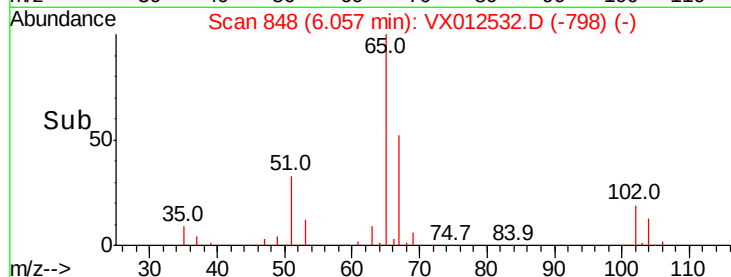
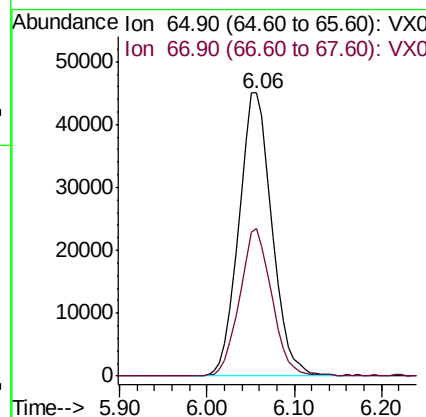
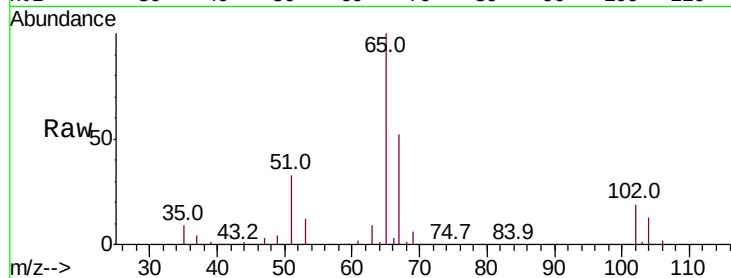




#33
 1,2-Dichloroethane-d4
 Concen: 45.583 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

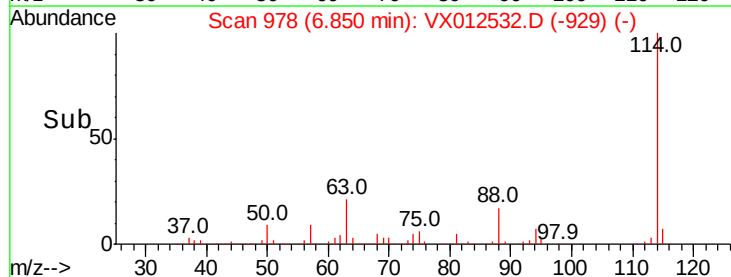
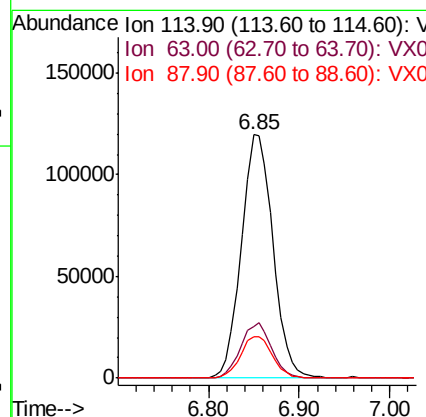
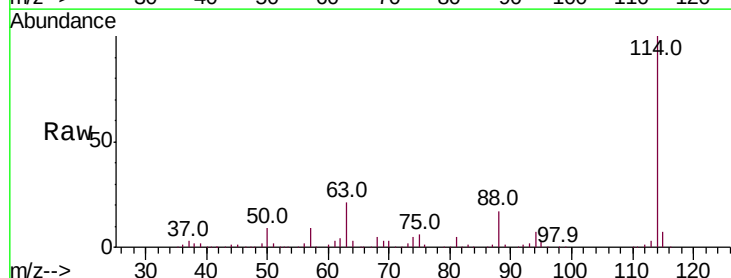
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

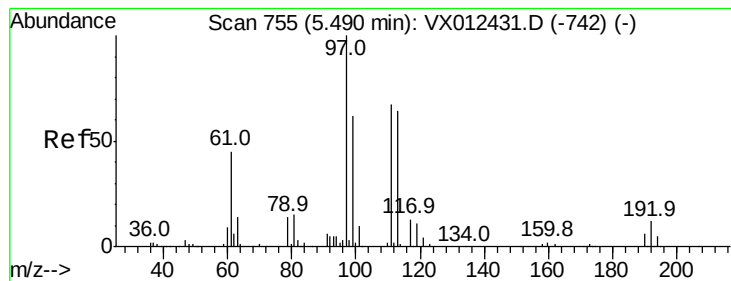
Tot Ion: 65 Resp: 118498
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion: 114 Resp: 289038
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.129 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

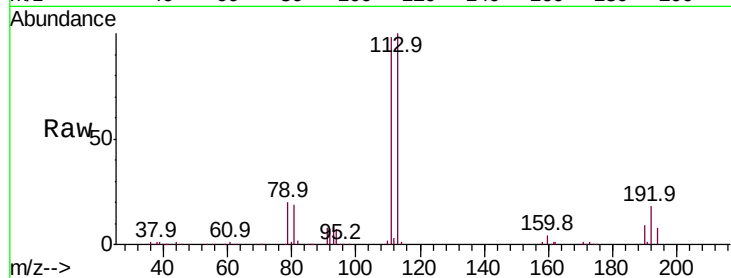
Tot Ion:113 Resp: 84198

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

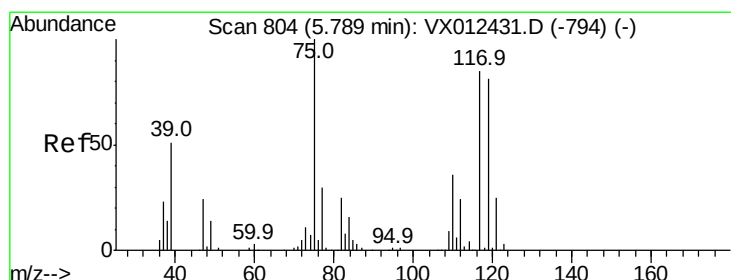
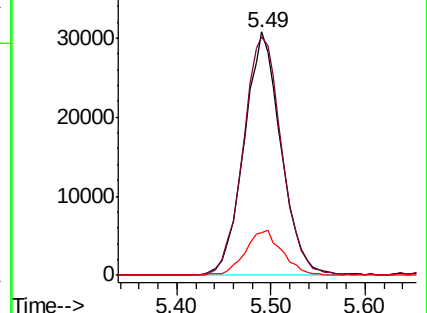
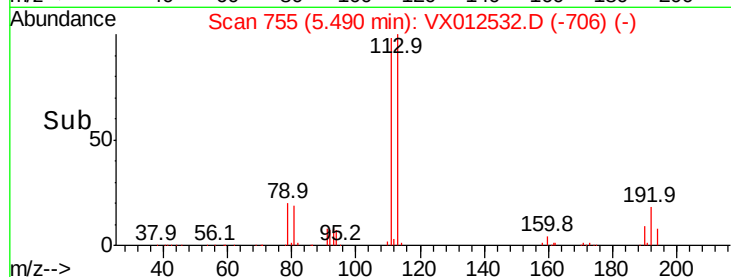
192 18.6 14.4 21.6



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: 8.908 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

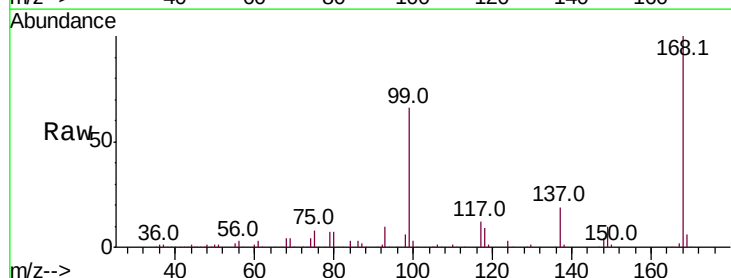
Tgt Ion: 75 Resp: 15648

Ion Ratio Lower Upper

75 100

110 10.8 16.7 50.0#

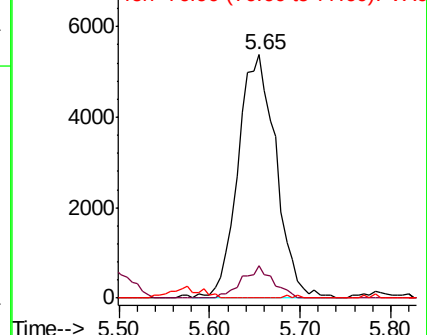
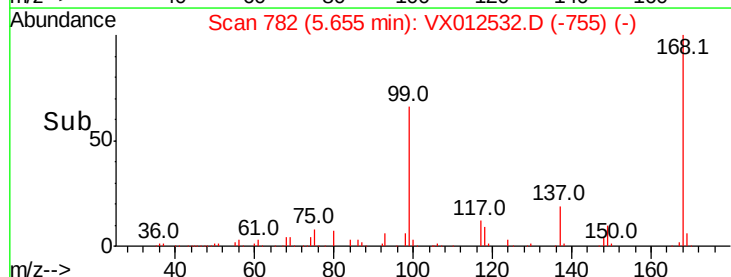
77 0.0 24.2 36.2#

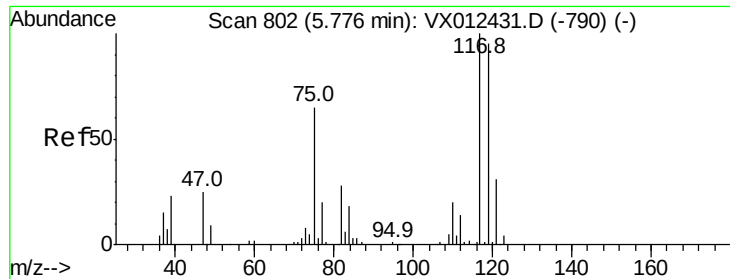


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 9.066 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

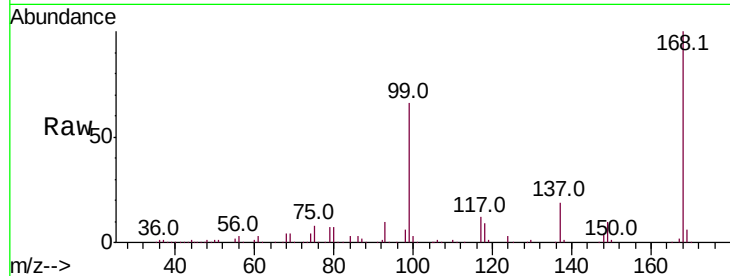
Tot Ion:117 Resp: 19808

Ion Ratio Lower Upper

117 100

119 4.2 75.7 113.5#

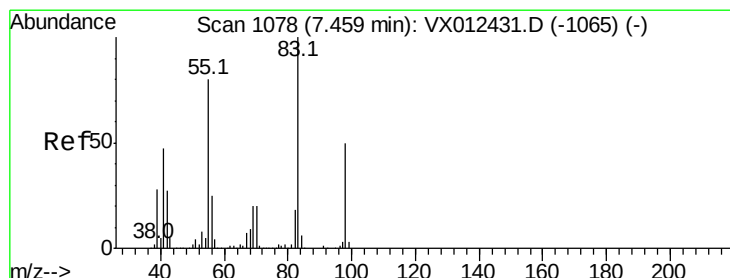
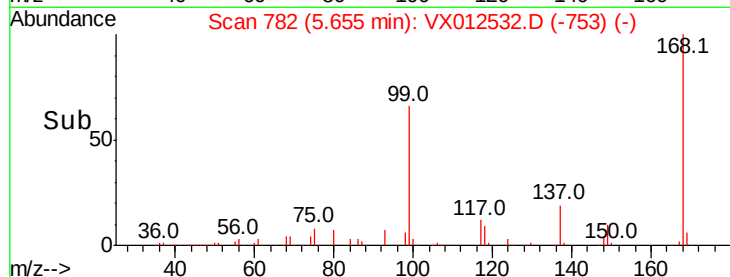
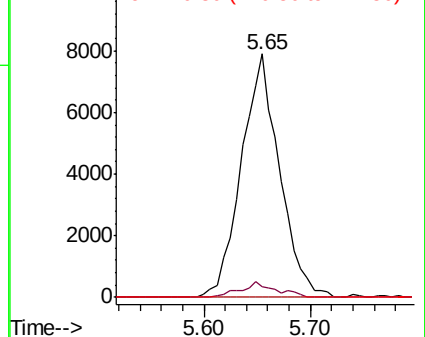
121 0.0 24.2 36.4#



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

Methylcyclohexane

Concen: 14.281 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

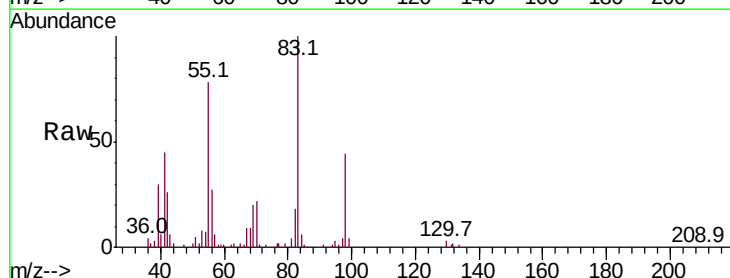
Tgt Ion: 83 Resp: 24387

Ion Ratio Lower Upper

83 100

55 77.4 64.4 96.6

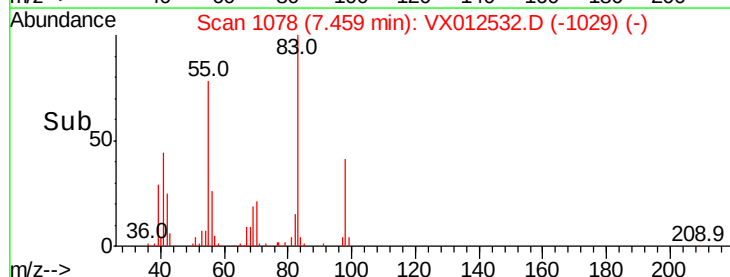
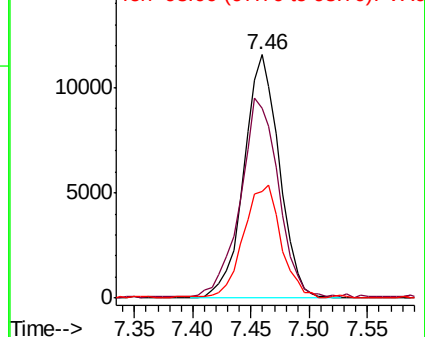
98 42.6 40.1 60.1

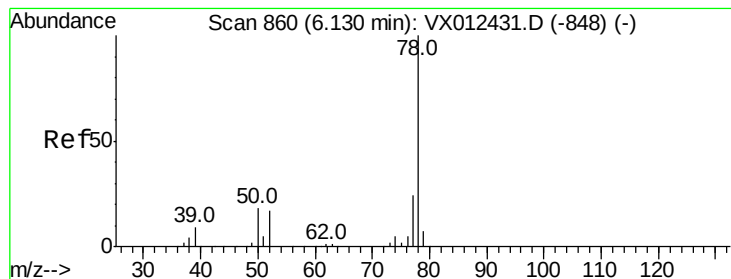


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 13.271 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

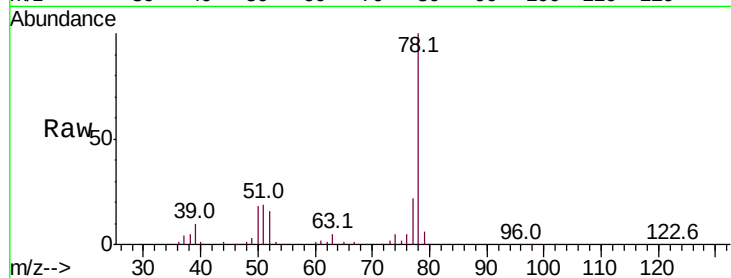
MW6-R2-1

Tot Ion: 78 Resp: 74130

Ion Ratio Lower Upper

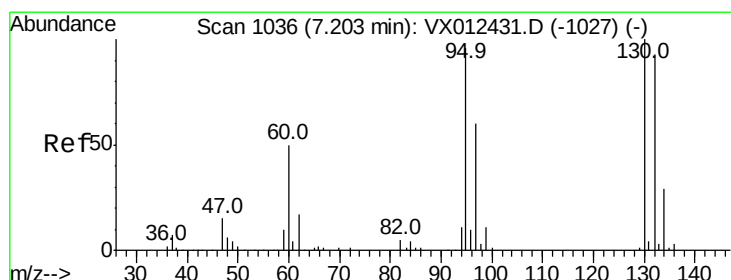
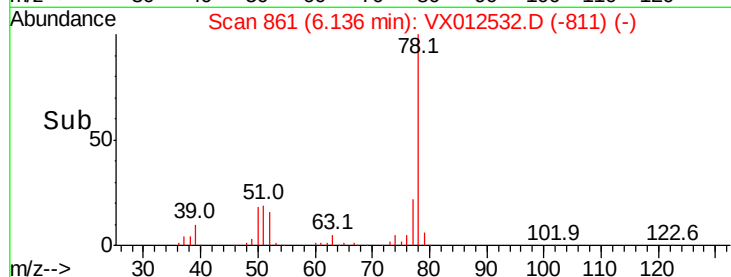
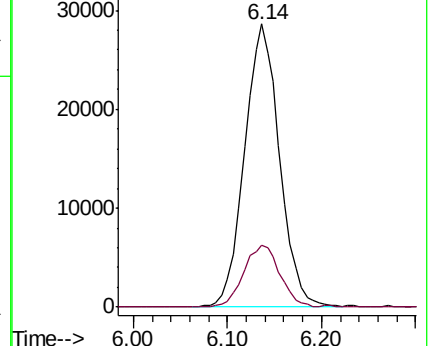
78 100

77 21.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 5836.687 ug/l

RT: 7.22 min Scan# 1039

Delta R.T. 0.02 min

Lab File: VX012532.D

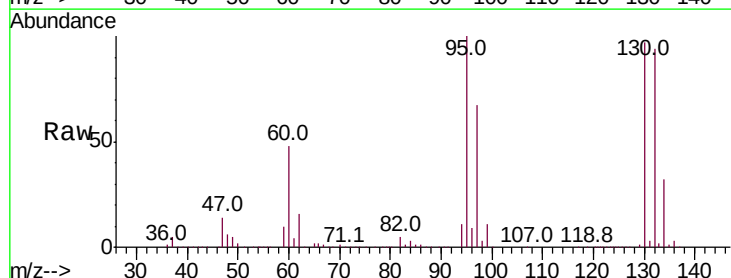
Acq: 19 Sep 2019 16:44

Tgt Ion:130 Resp: 8576545

Ion Ratio Lower Upper

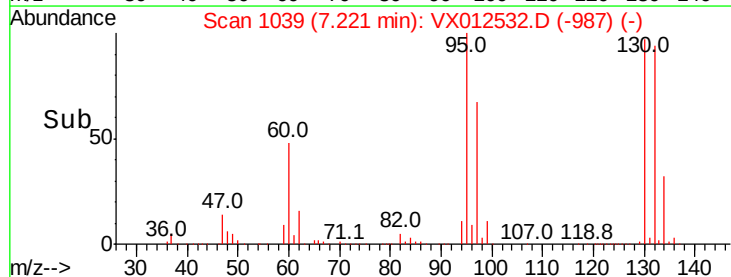
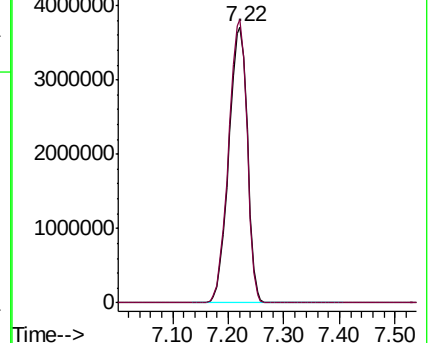
130 100

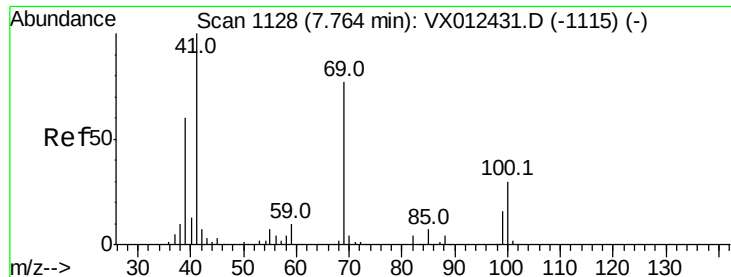
95 102.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

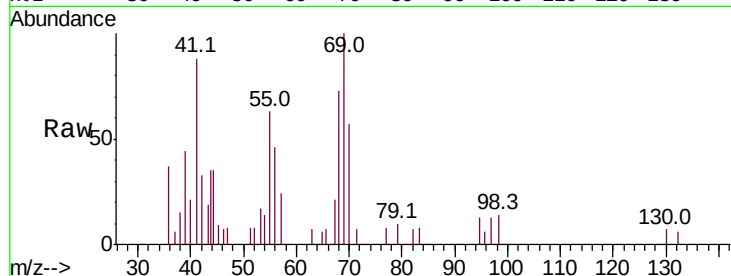




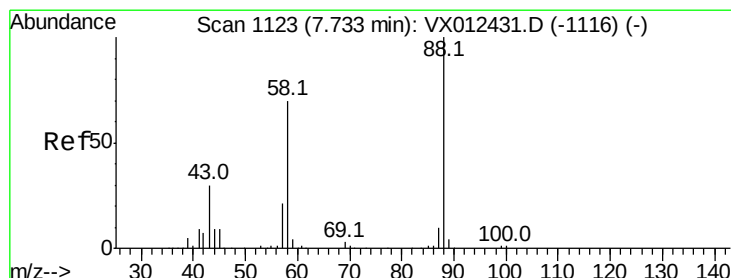
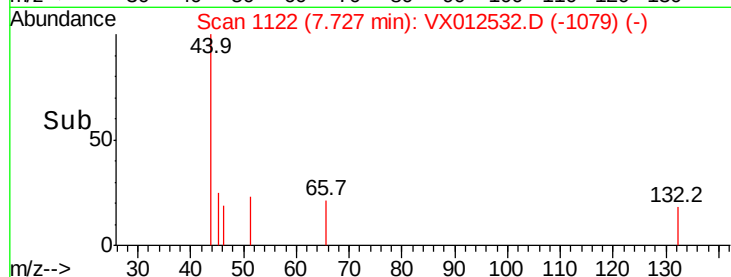
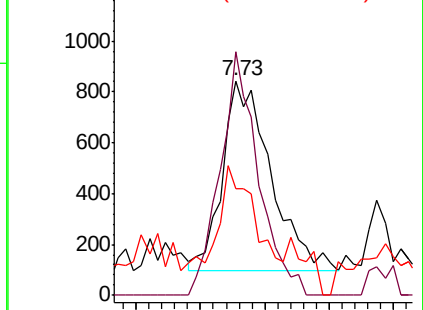
#48
Methvl methacrylate
Concen: 0.854 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1

Tot Ion: 41 Resp: 1949
Ion Ratio Lower Upper
41 100
69 101.9 59.9 89.9#
39 35.7 47.8 71.6#

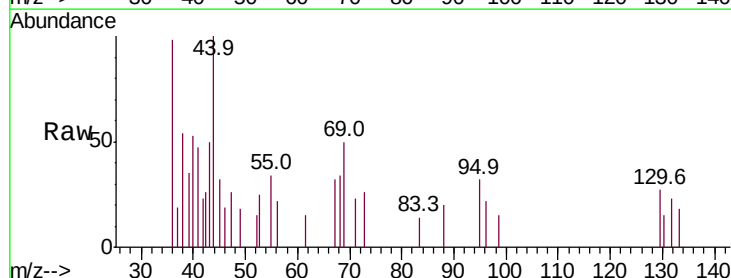


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

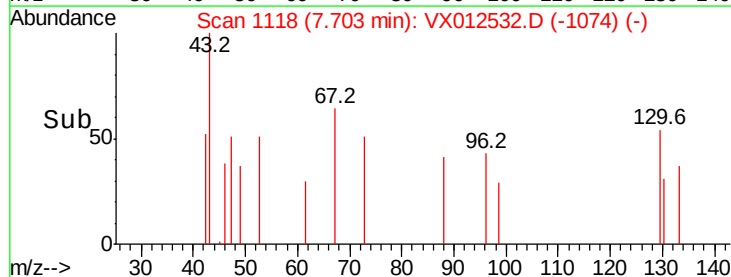
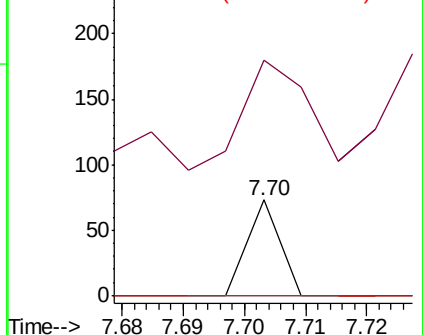


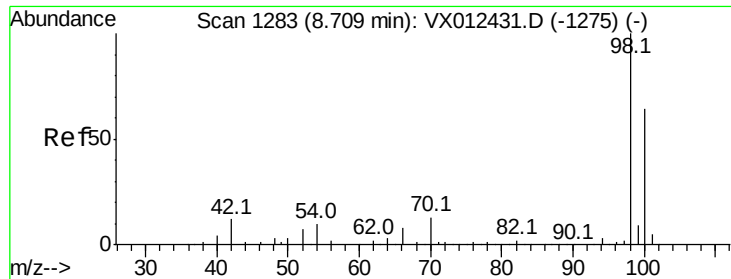
#49
1,4-Dioxane
Concen: 0.486 ug/l
RT: 7.70 min Scan# 1118
Delta R.T. -0.03 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 374.1 29.4 44.0#
58 0.0 57.5 86.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

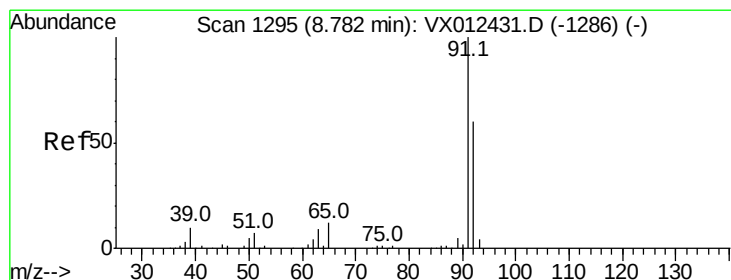
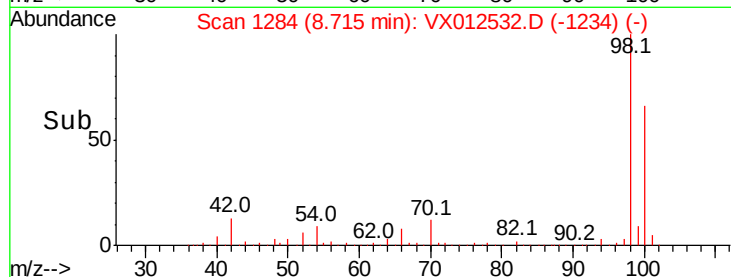
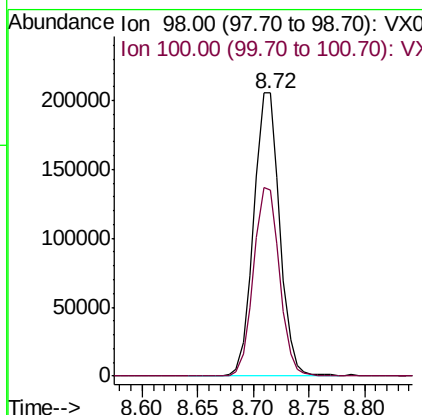
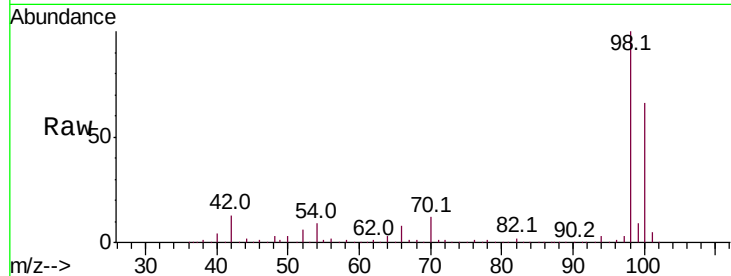




#50
Toluene-d8
Concen: 51.668 ug/l
RT: 8.72 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

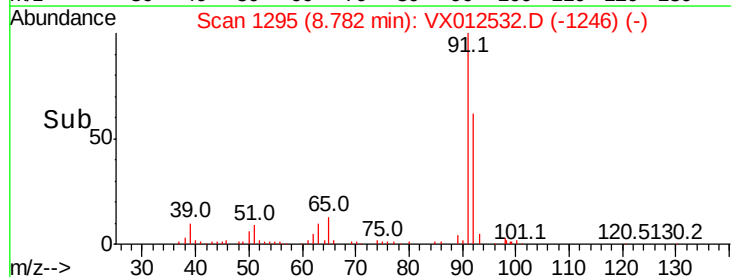
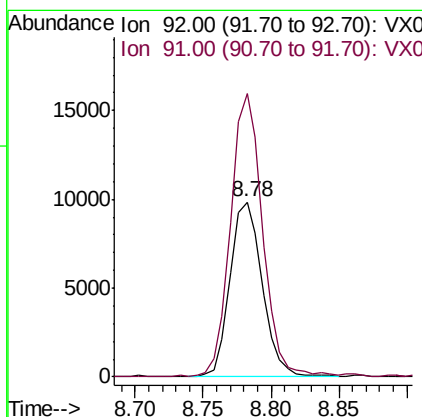
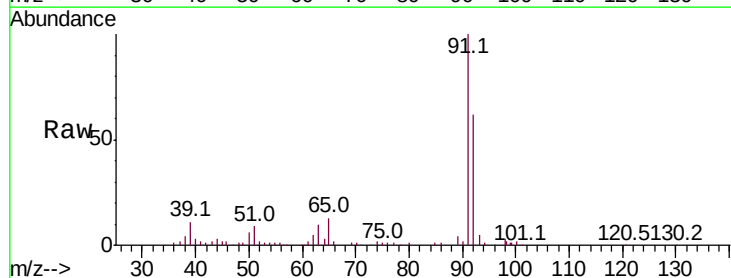
Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1

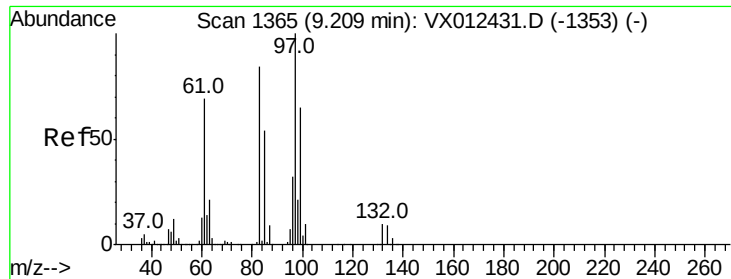
Tot Ion: 98 Resp: 334573
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



#52
Toluene
Concen: 4.516 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 92 Resp: 16256
Ion Ratio Lower Upper
92 100
91 161.3 135.4 203.0





#55

1,1,2-Trichloroethane

Concen: 66.644 ug/l

RT: 9.35 min Scan# 1388

Delta R.T. 0.14 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

Tot Ion: 97 Resp: 123587

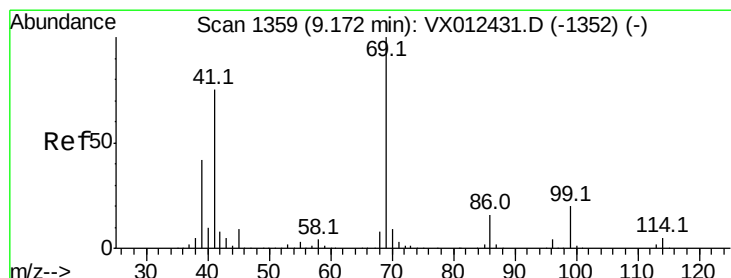
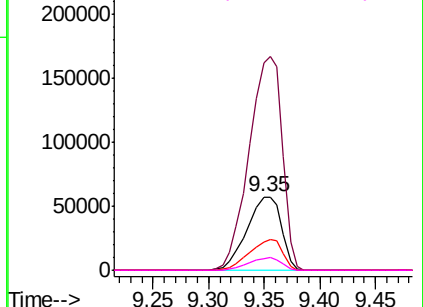
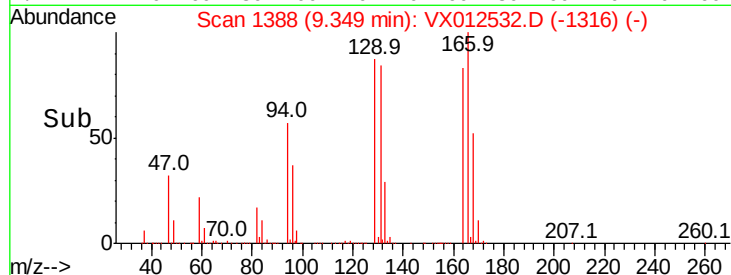
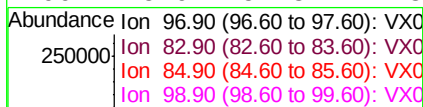
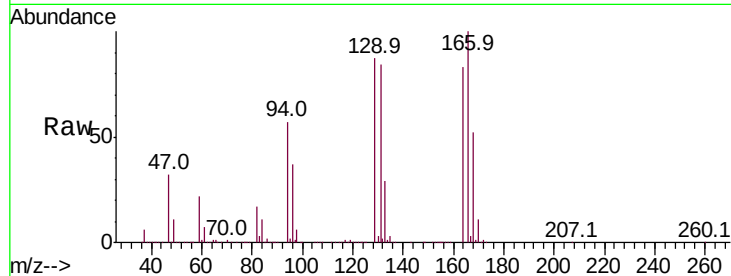
Ion Ratio Lower Upper

97 100

83 281.8 67.4 101.2#

85 39.0 43.5 65.3#

99 15.9 51.8 77.8#



#56

Ethyl methacrylate

Concen: 0.202 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

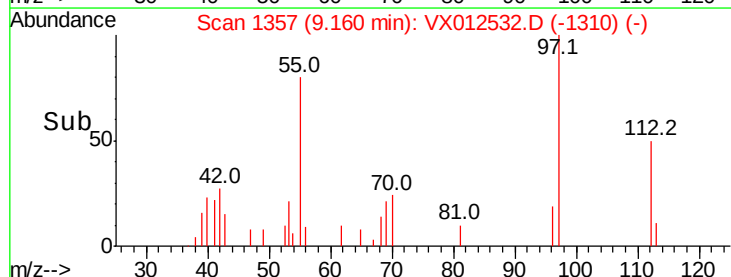
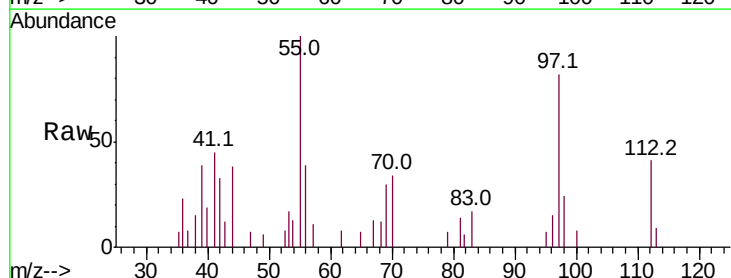
Tgt Ion: 69 Resp: 586

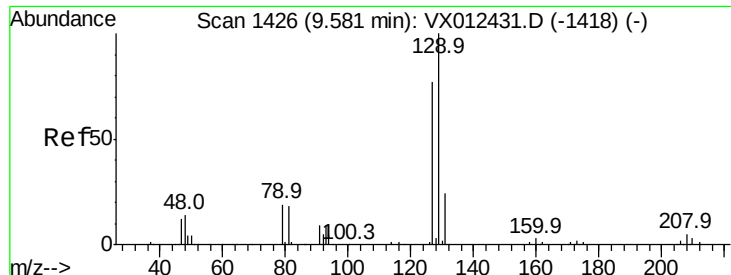
Ion Ratio Lower Upper

69 100

41 101.9 58.4 87.6#

39 64.8 33.4 50.0#

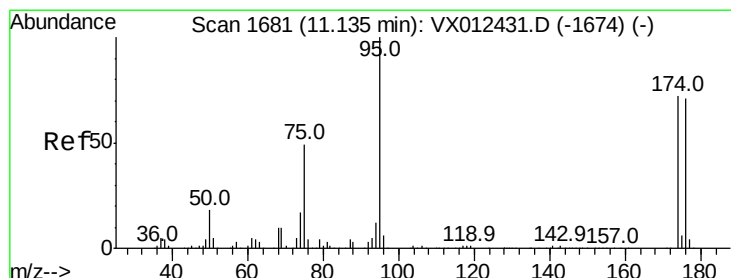
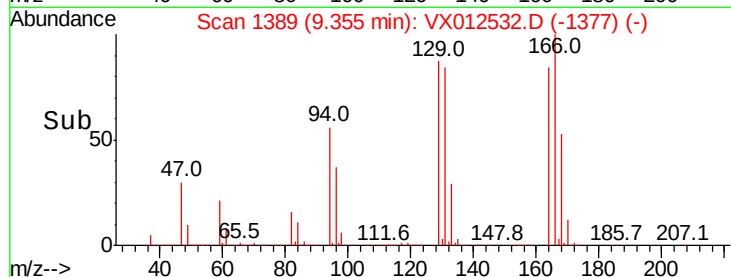
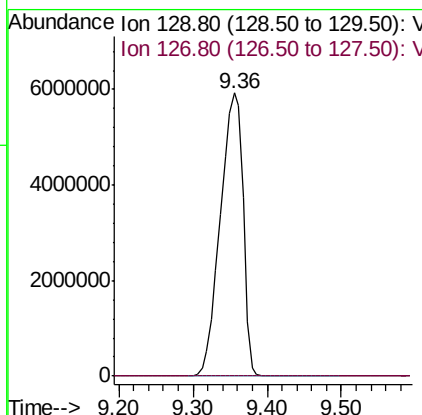
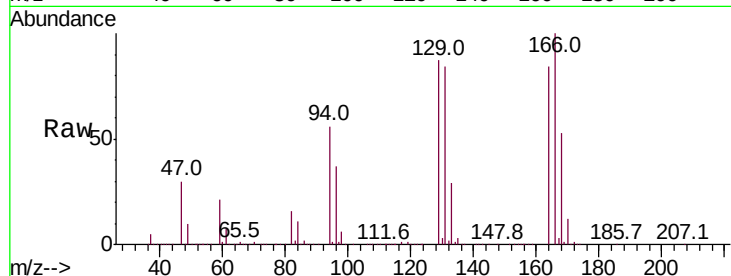




#60
 Dibromochloromethane
 Concen: 6641.110 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.23 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

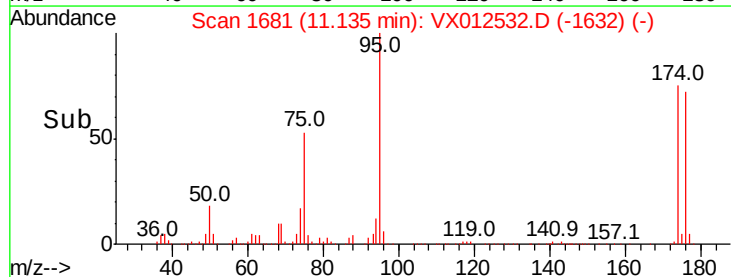
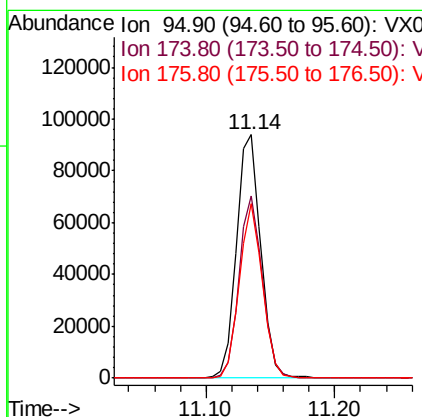
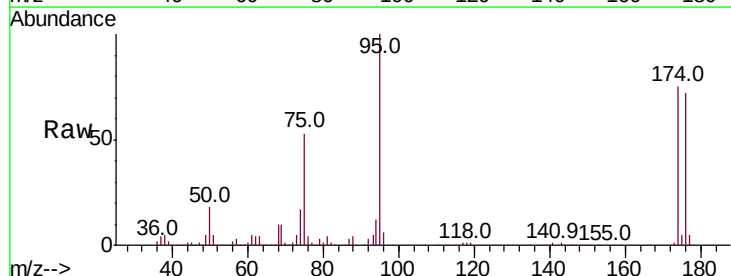
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

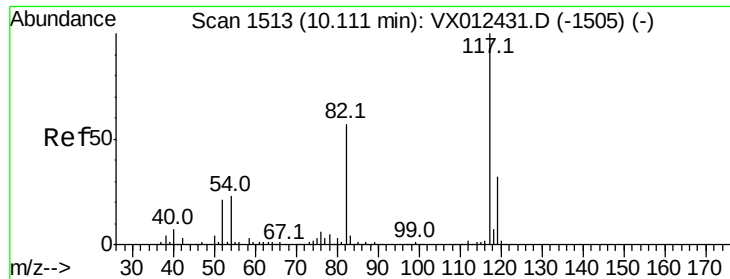
Tot Ion:129 Resp:12544584
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.6#



#62
 4-Bromofluorobenzene
 Concen: 45.819 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion: 95 Resp: 123192
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 140.0
 176 68.1 0.0 135.4

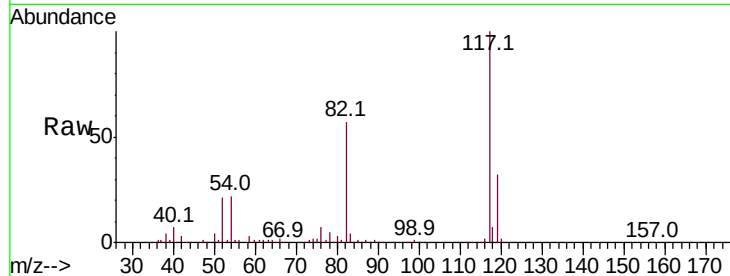




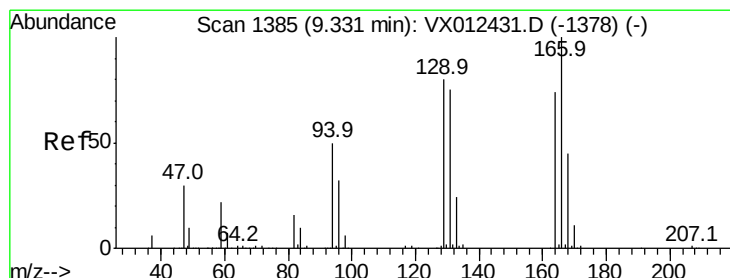
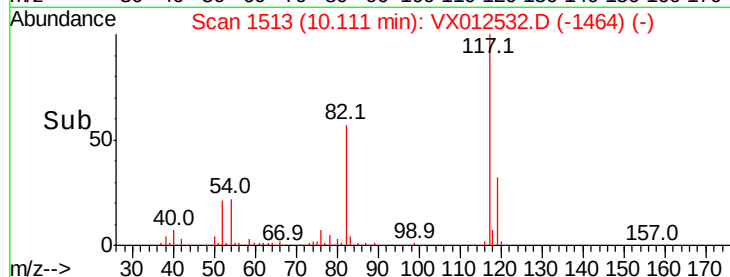
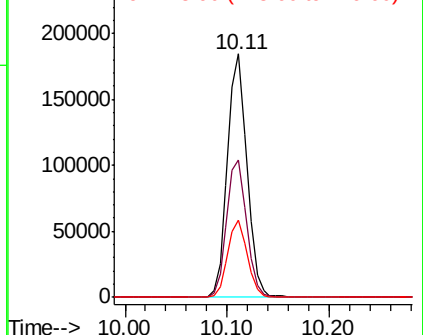
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1

Tot Ion:117 Resp: 245156
Ion Ratio Lower Upper
117 100
82 56.6 45.9 68.9
119 31.7 25.3 37.9

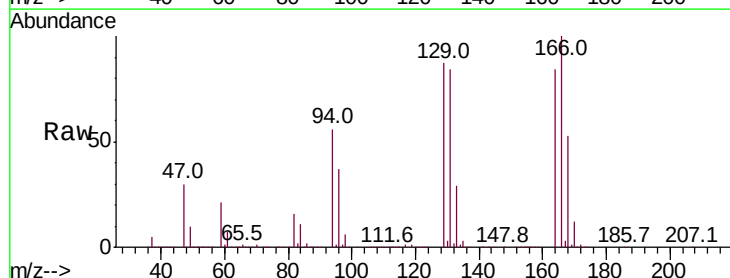


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

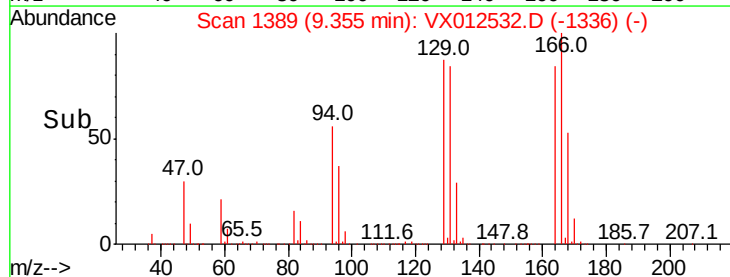
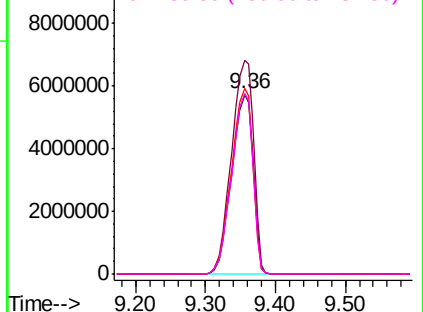


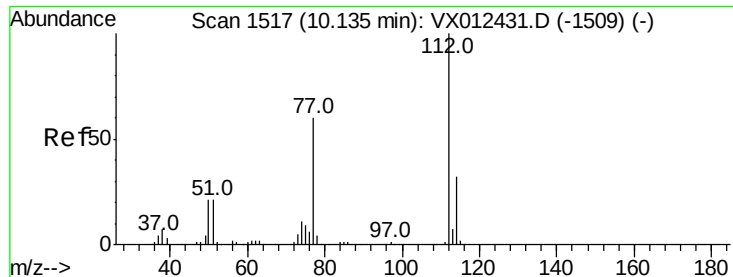
#64
Tetrachloroethene
Concen: 10910.161 ug/l
RT: 9.36 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion:164 Resp:12256452
Ion Ratio Lower Upper
164 100
166 119.1 107.8 161.6
129 103.5 86.2 129.2
131 100.3 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

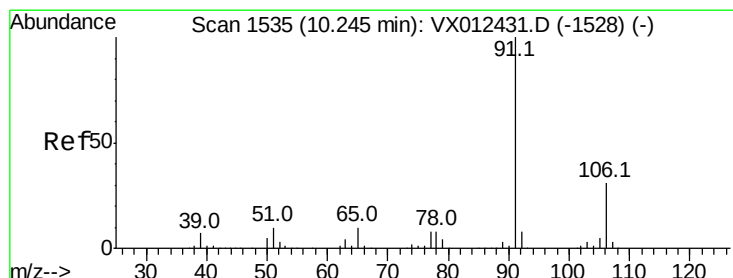
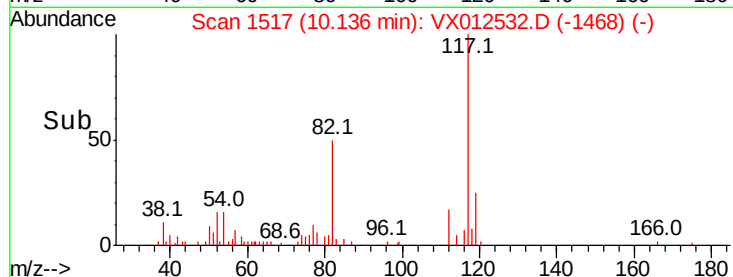
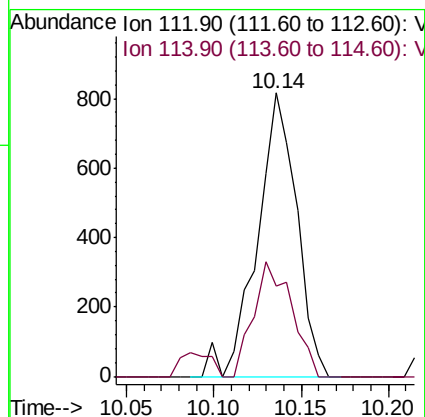
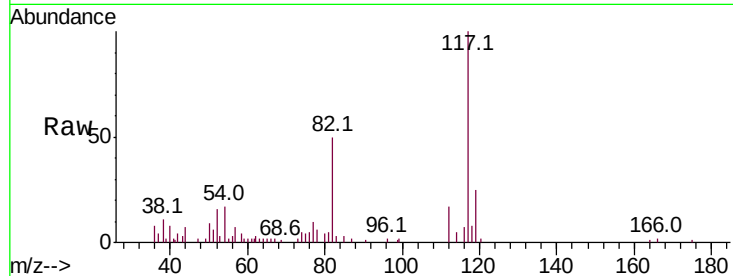




#65
Chlorobenzene
Concen: 0.317 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

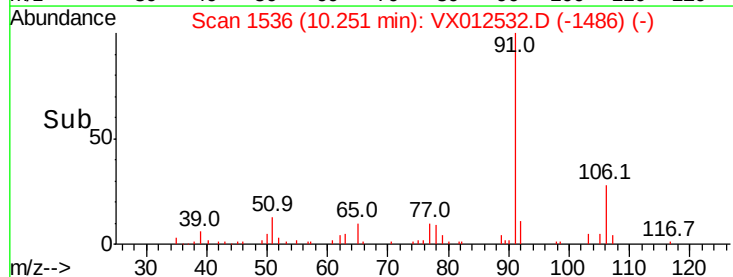
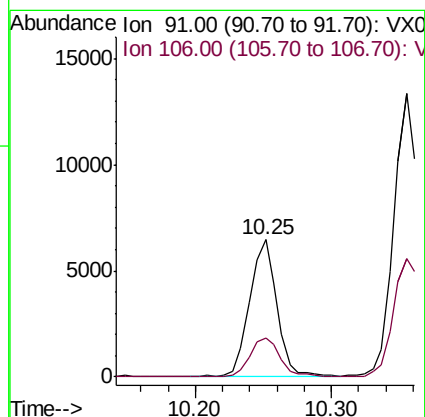
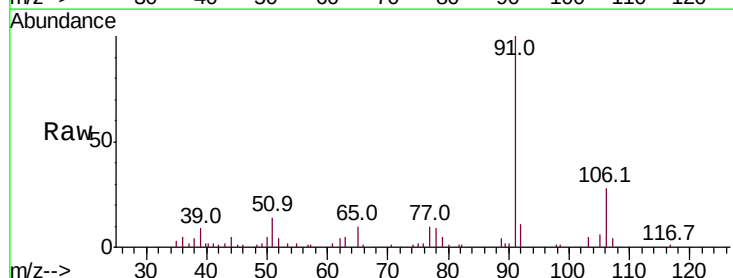
Instrument :
MSVOA_X
ClientSampled :
MW6-R2-1

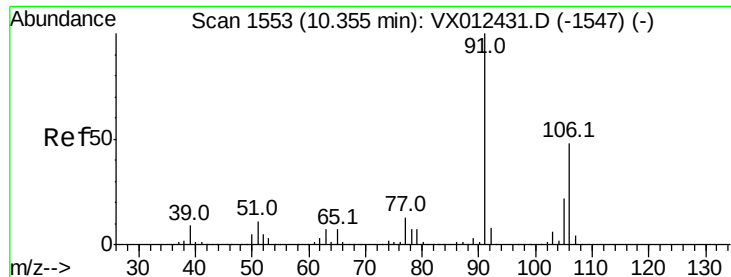
Tot Ion:112 Resp: 1282
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 1.316 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion: 91 Resp: 9152
Ion Ratio Lower Upper
91 100
106 28.0 24.6 37.0





#68

m/p-Xylenes

Concen: 3.263 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

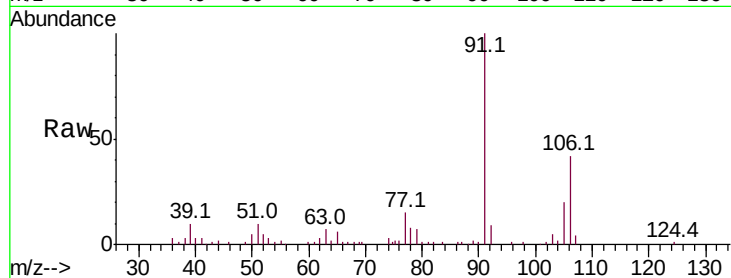
MW6-R2-1

Tot Ion:106 Resp: 8253

Ion Ratio Lower Upper

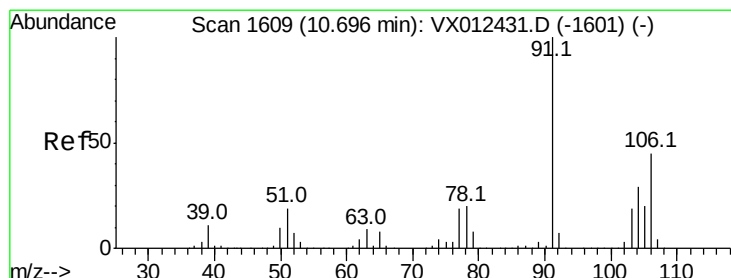
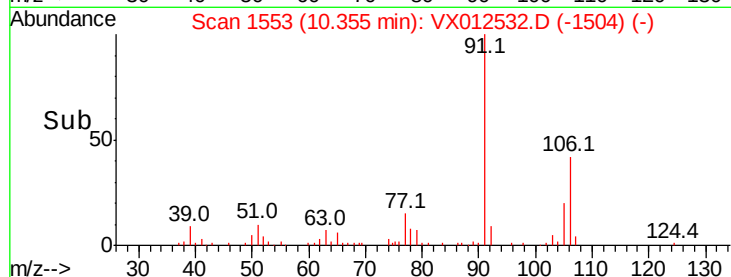
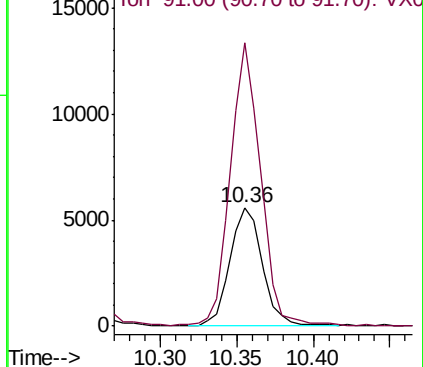
106 100

91 222.3 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.971 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012532.D

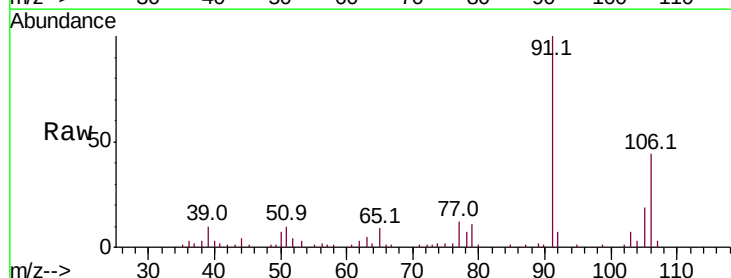
Acq: 19 Sep 2019 16:44

Tgt Ion:106 Resp: 5126

Ion Ratio Lower Upper

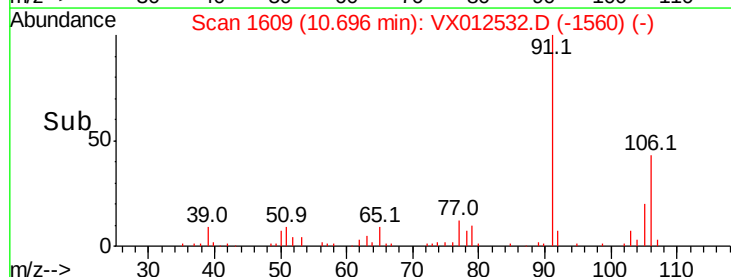
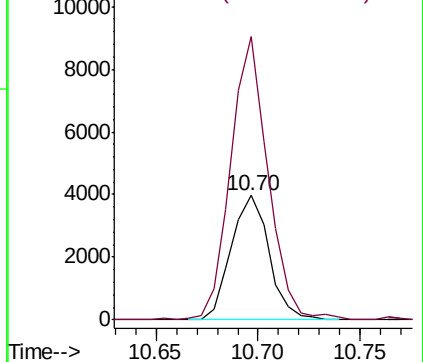
106 100

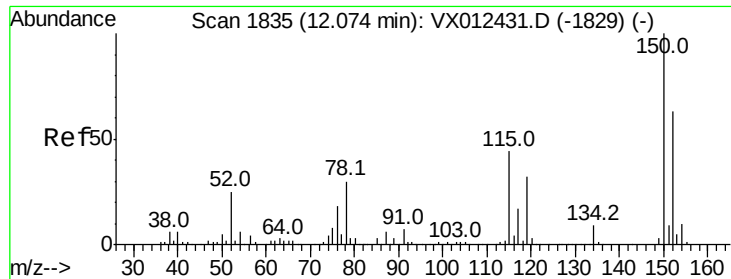
91 224.0 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

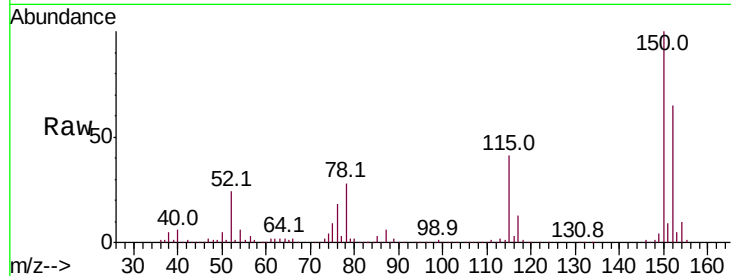




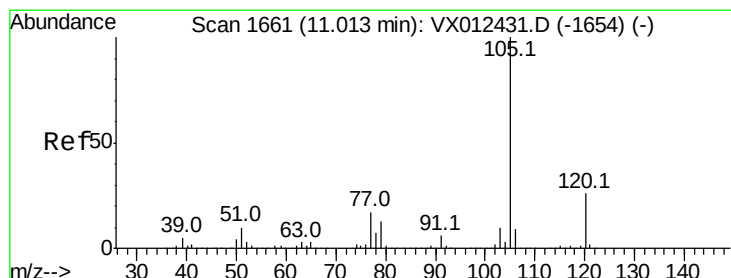
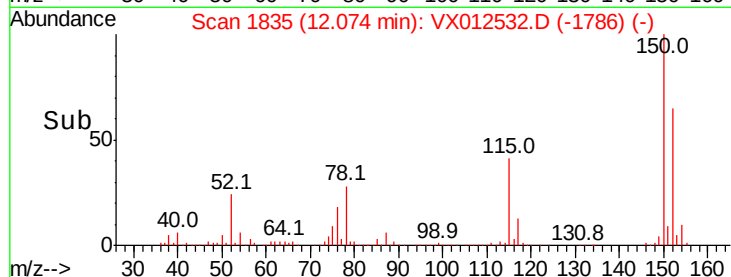
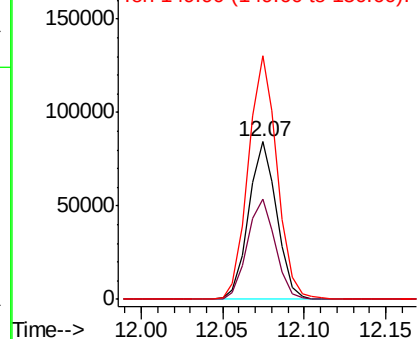
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

Tot Ion:152 Resp: 101340
 Ion Ratio Lower Upper
 152 100
 115 64.1 44.1 132.3
 150 158.4 0.0 343.8

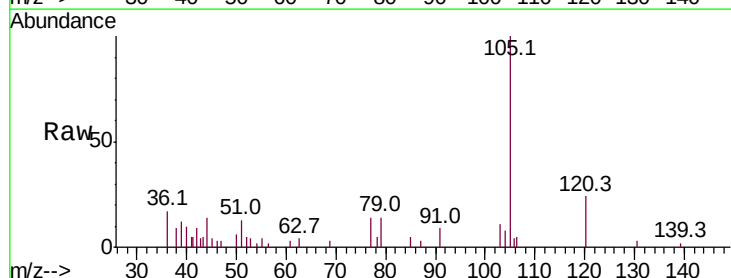


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

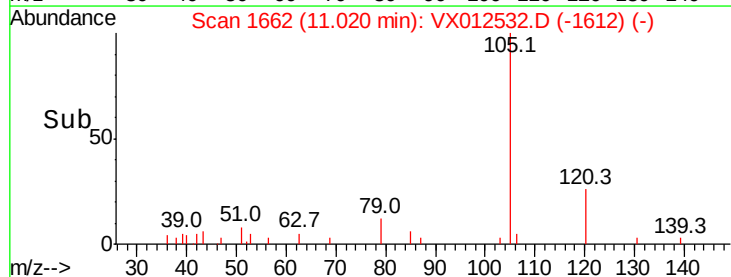
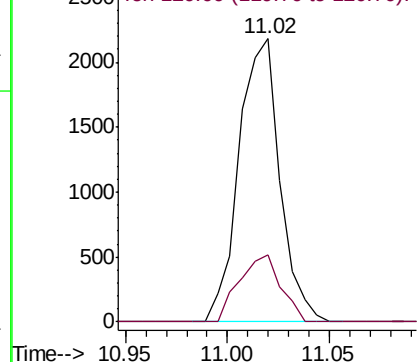


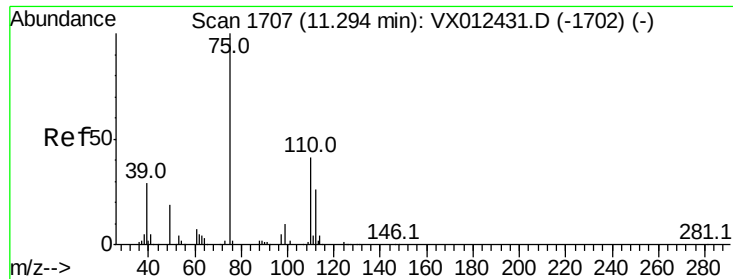
#73
 Isopropylbenzene
 Concen: 0.476 ug/l
 RT: 11.02 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion:105 Resp: 3028
 Ion Ratio Lower Upper
 105 100
 120 23.9 12.9 38.7



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





#76

1,2,3-Trichloropropane

Concen: 27.814 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

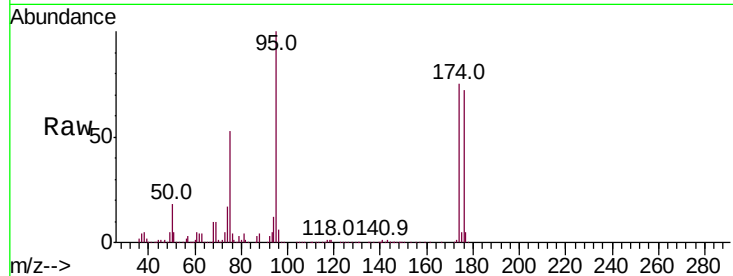
MW6-R2-1

Tot Ion: 75 Resp: 64746

Ion Ratio Lower Upper

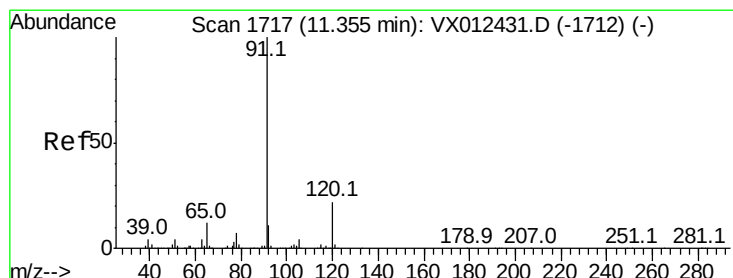
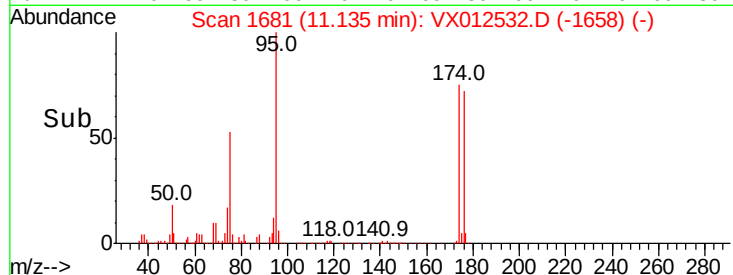
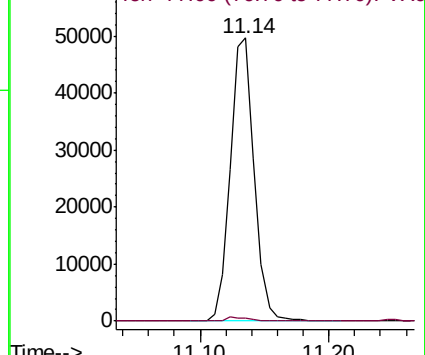
75 100

77 1.5 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.262 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012532.D

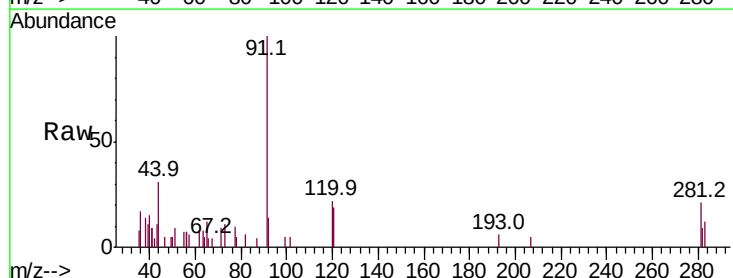
Acq: 19 Sep 2019 16:44

Tgt Ion: 91 Resp: 1854

Ion Ratio Lower Upper

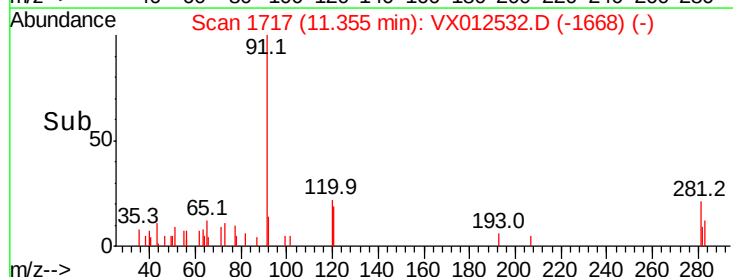
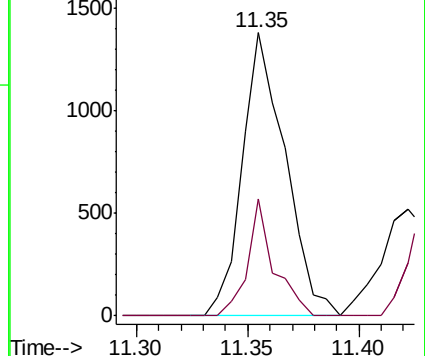
91 100

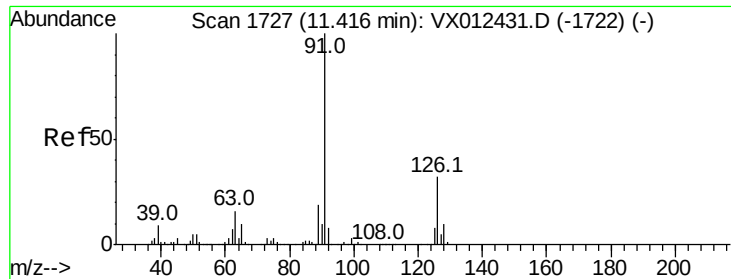
120 25.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

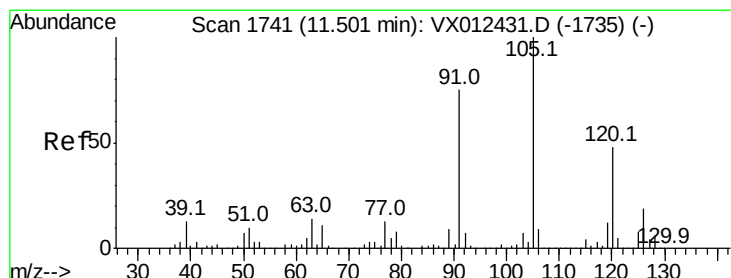
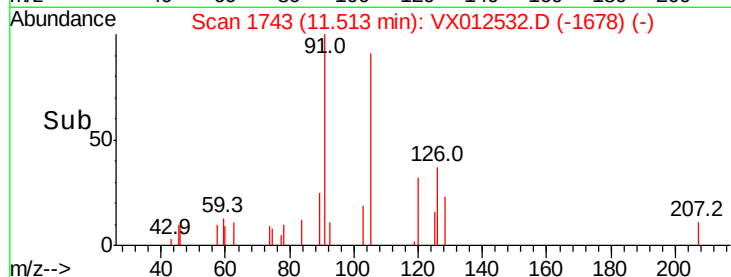
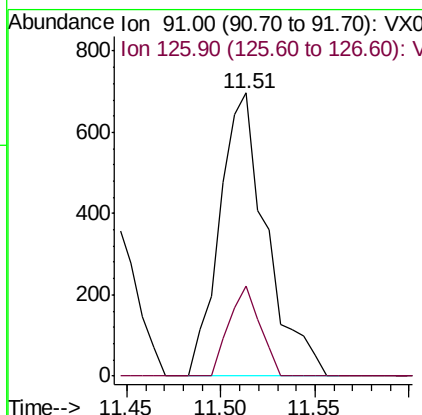
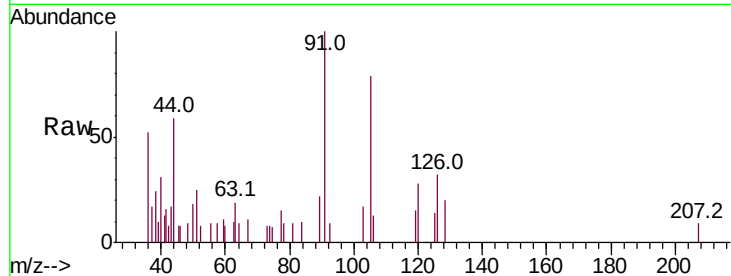




#79
 2-Chlorotoluene
 Concen: 0.262 ug/l
 RT: 11.51 min Scan# 1743
 Delta R.T. 0.10 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

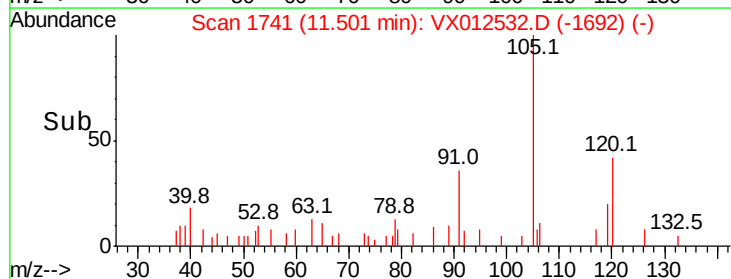
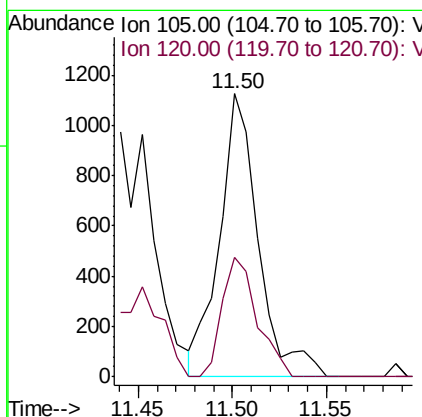
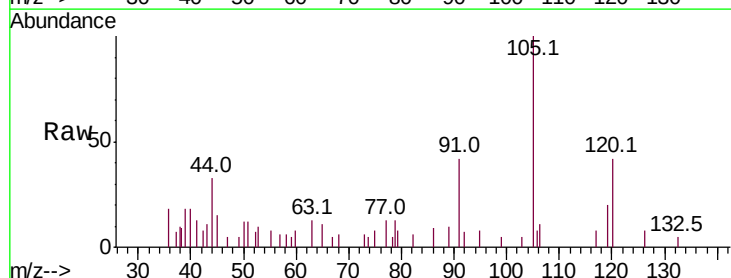
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

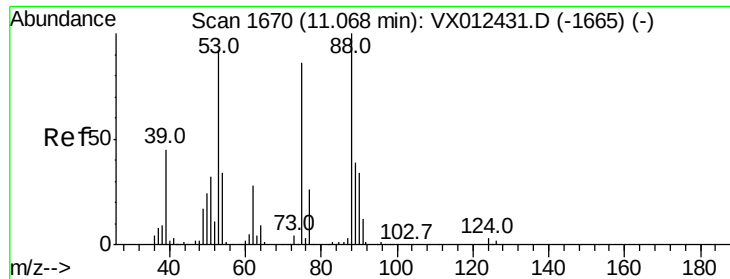
Tot Ion: 91 Resp: 1206
 Ion Ratio Lower Upper
 91 100
 126 21.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.297 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion: 105 Resp: 1608
 Ion Ratio Lower Upper
 105 100
 120 38.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 74.726 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1

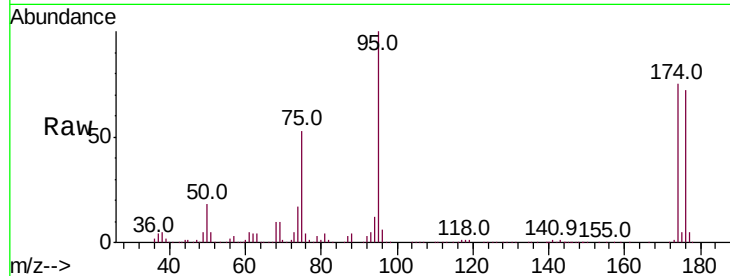
Tot Ion: 75 Resp: 64746

Ion Ratio Lower Upper

75 100

53 0.3 83.6 125.4#

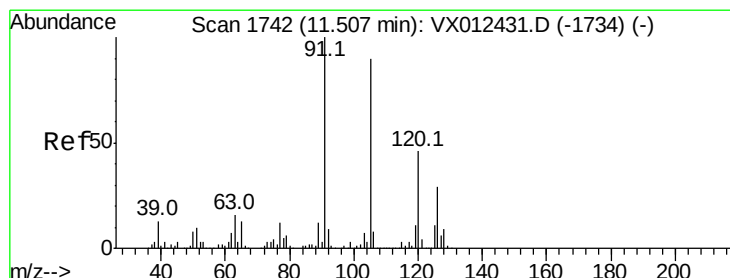
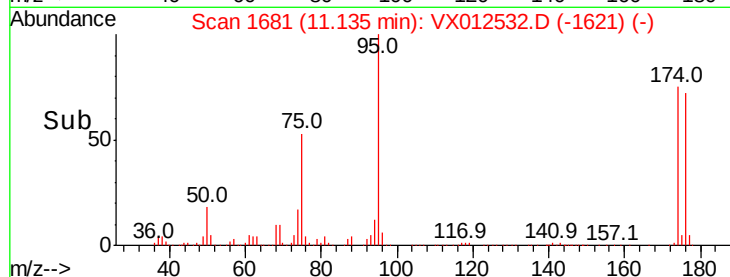
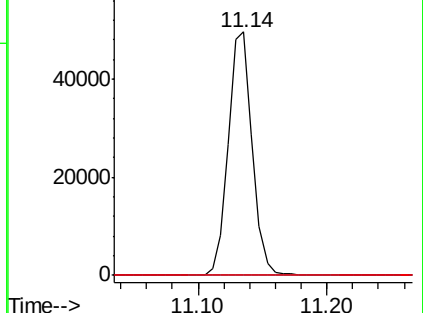
89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.228 ug/l

RT: 11.51 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VX012532.D

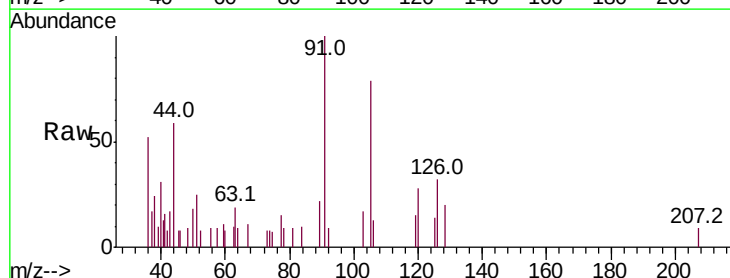
Acq: 19 Sep 2019 16:44

Tgt Ion: 91 Resp: 1206

Ion Ratio Lower Upper

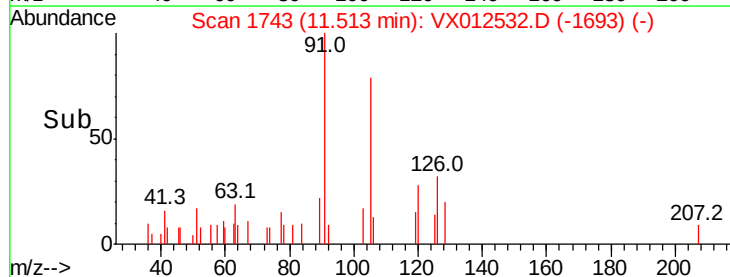
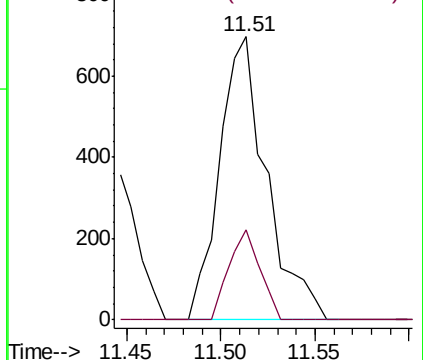
91 100

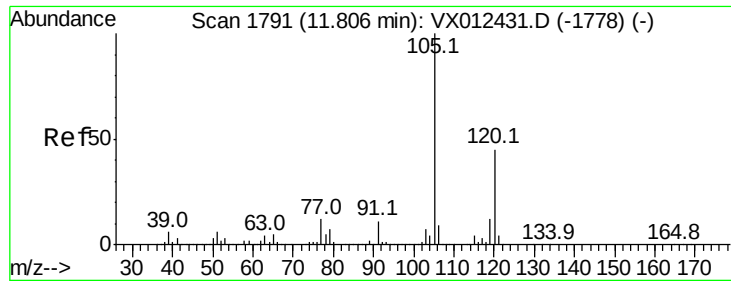
126 21.0 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

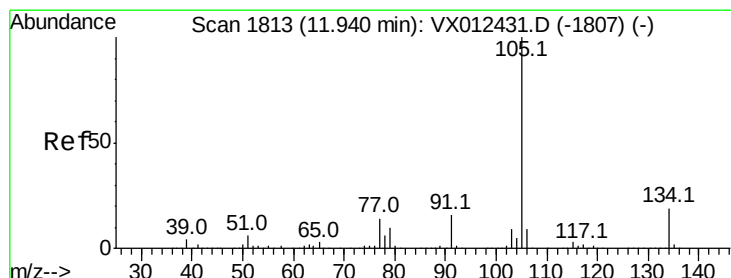
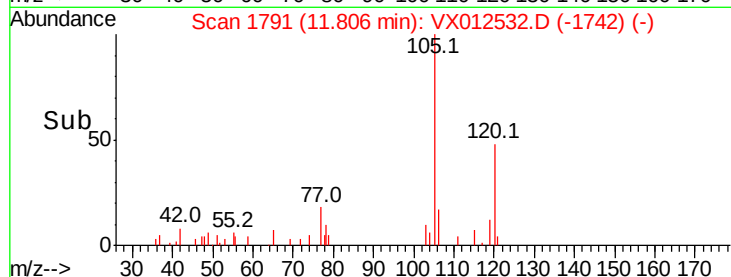
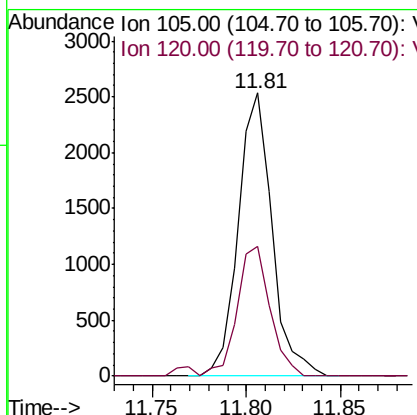
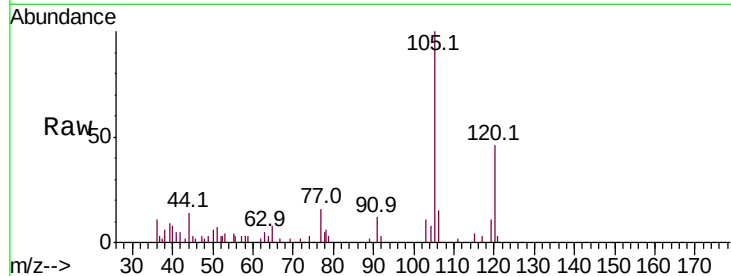




#84
 1,2,4-Trimethylbenzene
 Concen: 0.565 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

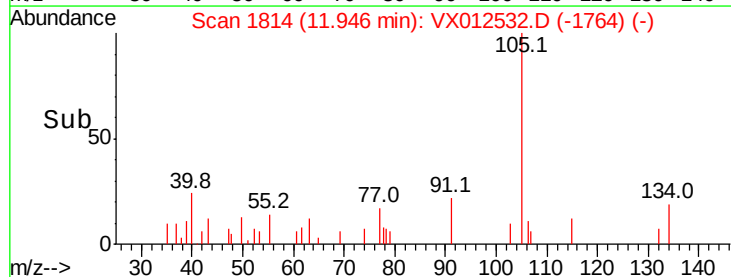
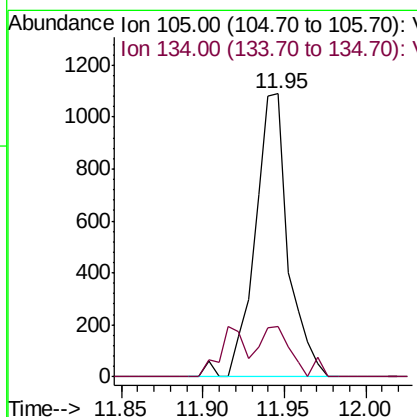
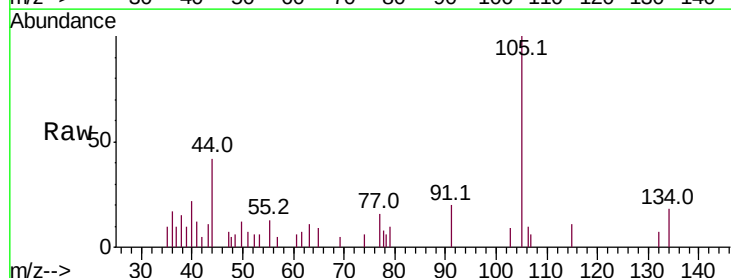
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

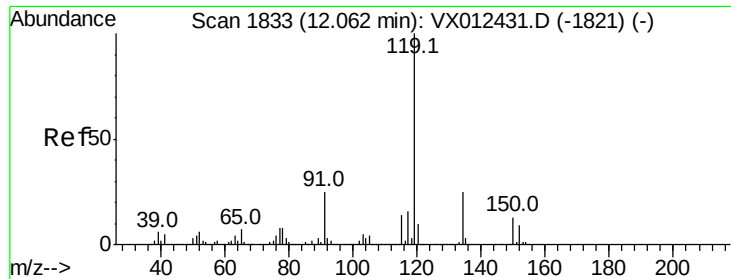
Tot Ion:105 Resp: 3144
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.241 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion:105 Resp: 1543
 Ion Ratio Lower Upper
 105 100
 134 15.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.272 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

MW6-R2-1

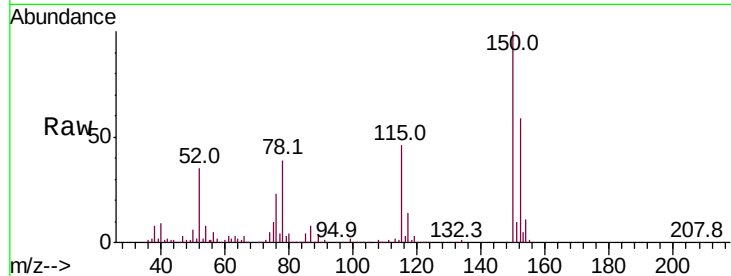
Tot Ion:119 Resp: 1600

Ion Ratio Lower Upper

119 100

134 41.8 12.7 38.1#

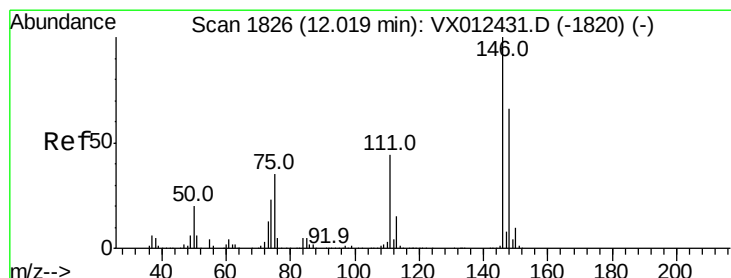
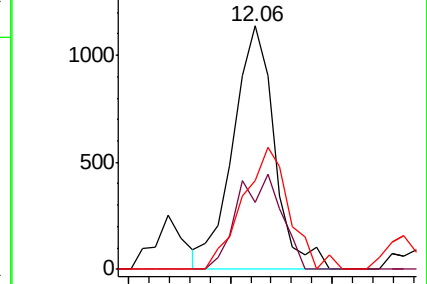
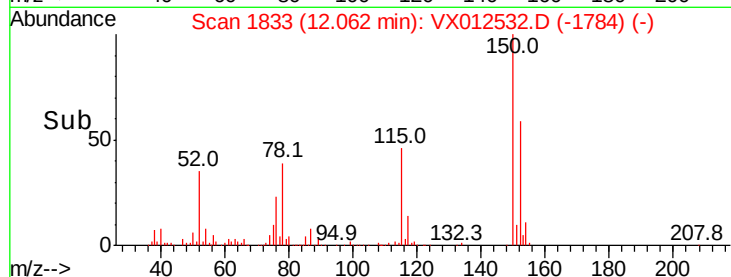
91 56.6 12.8 38.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 6.917 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.07 min

Lab File: VX012532.D

Acq: 19 Sep 2019 16:44

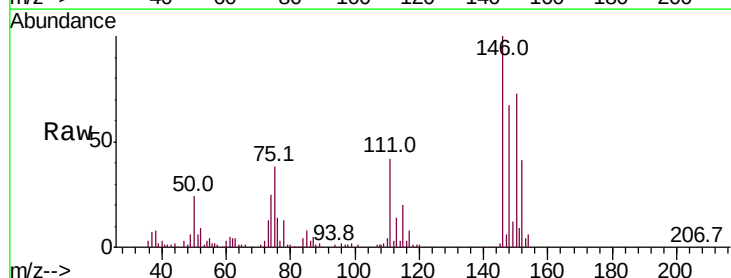
Tgt Ion:146 Resp: 20178

Ion Ratio Lower Upper

146 100

111 46.7 21.3 64.0

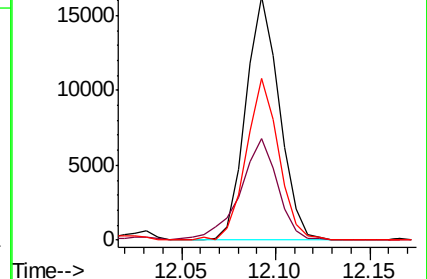
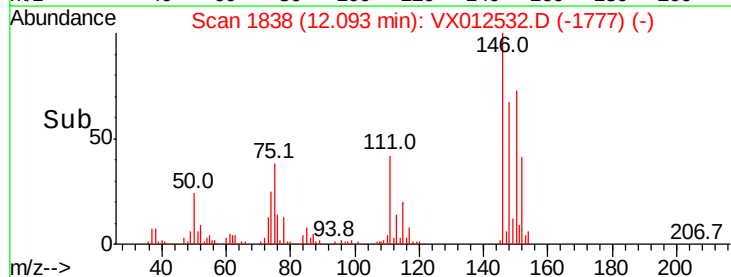
148 64.3 32.4 97.2

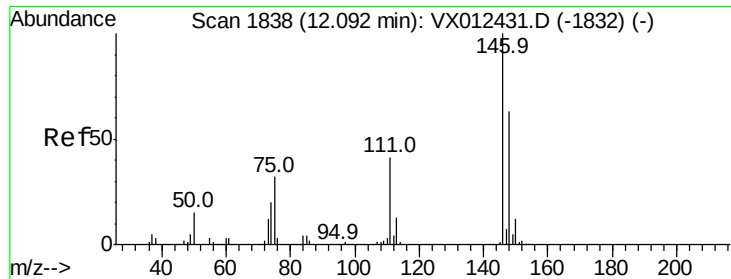


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

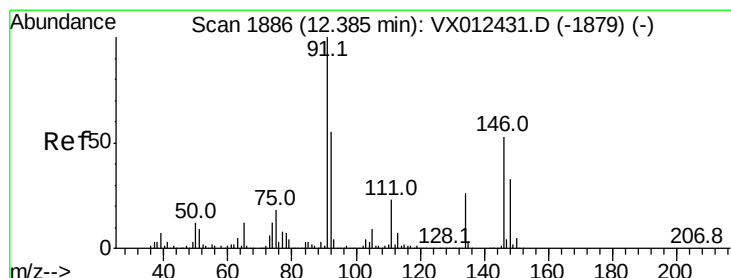
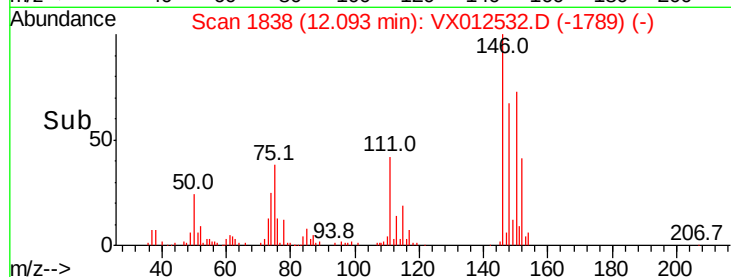
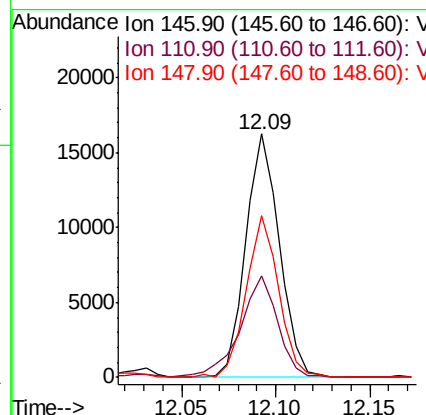
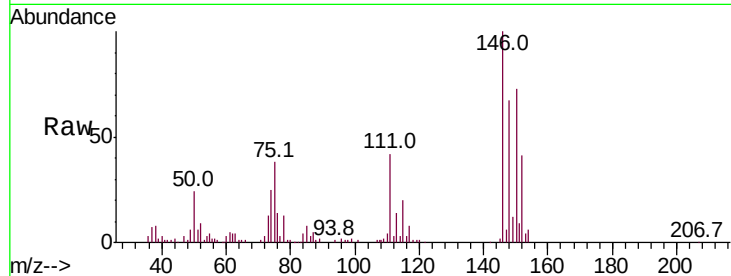




#88
 1,4-Dichlorobenzene
 Concen: 6.734 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

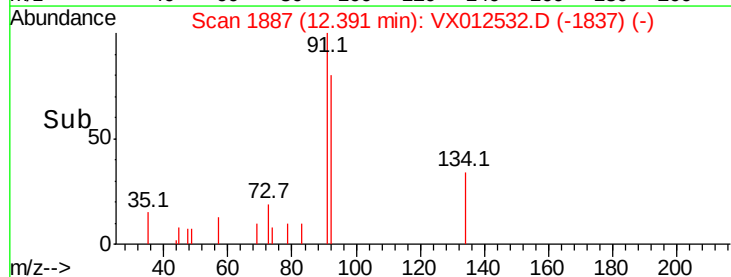
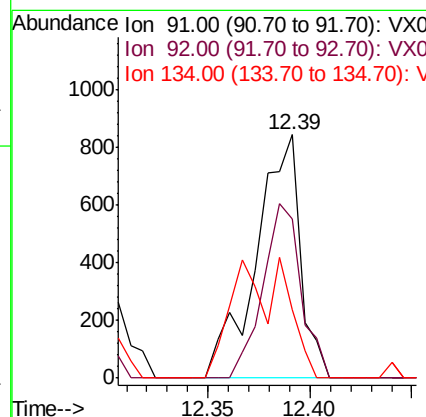
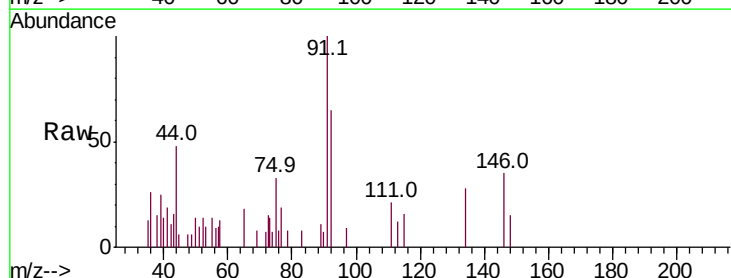
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

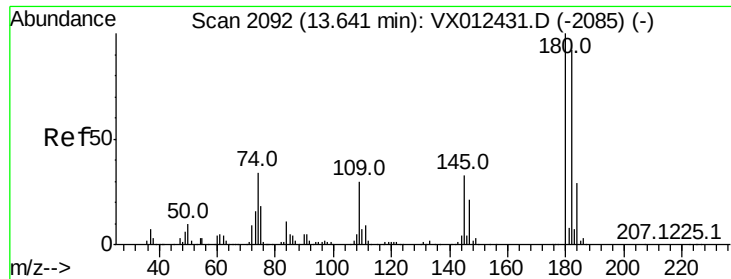
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	21.1	63.3
148	64.3	32.1	96.5



#89
 n-Butylbenzene
 Concen: 0.243 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.9	27.7	83.0
134	0.0	12.9	38.6#

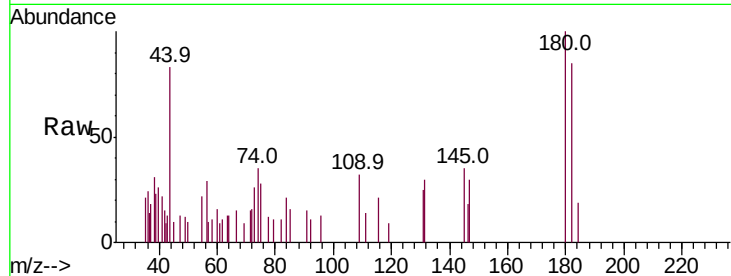




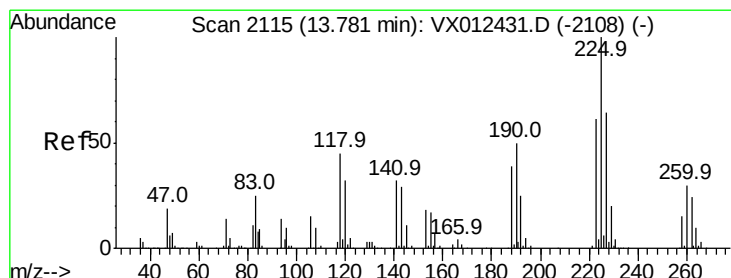
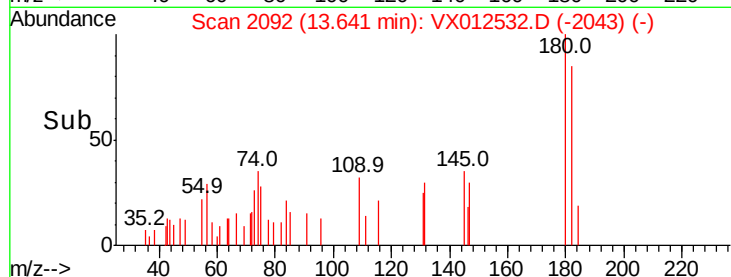
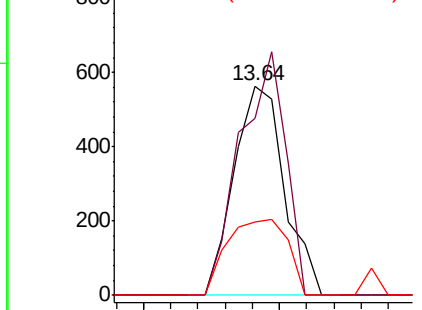
#93
 1,2,4-Trichlorobenzene
 Concen: 0.369 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1

Tot Ion:180 Resp: 724
 Ion Ratio Lower Upper
 180 100
 182 104.7 47.0 141.0
 145 43.1 16.8 50.4

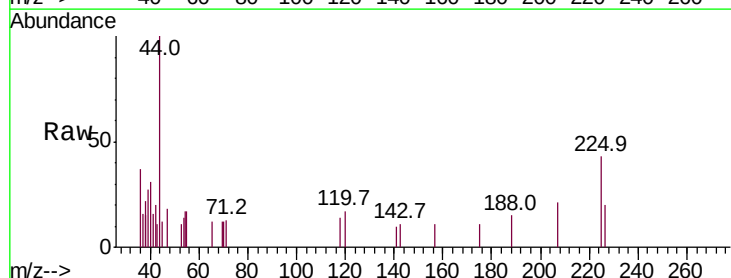


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

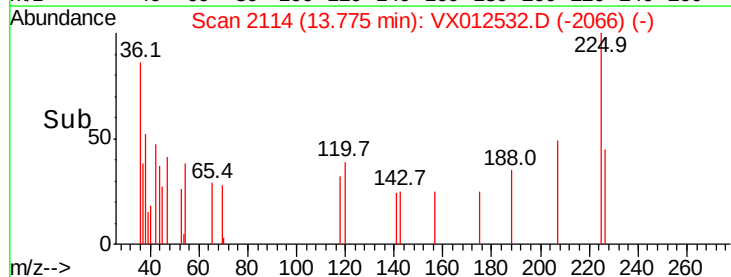
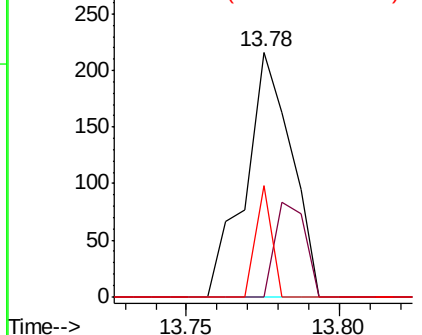


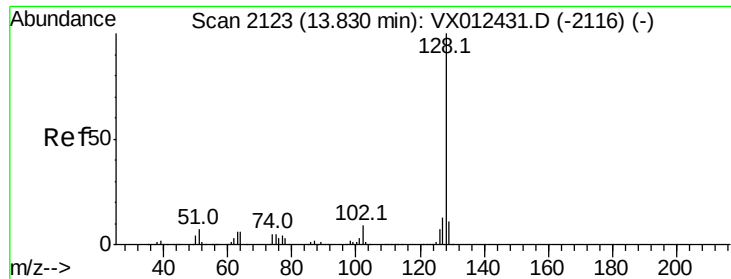
#94
 Hexachlorobutadiene
 Concen: 0.244 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012532.D
 Acq: 19 Sep 2019 16:44

Tgt Ion:225 Resp: 226
 Ion Ratio Lower Upper
 225 100
 223 25.2 32.0 96.2#
 227 15.9 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

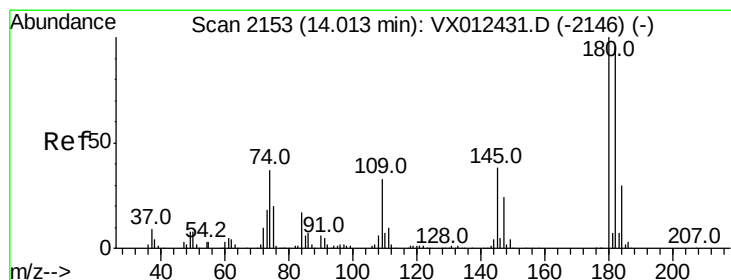
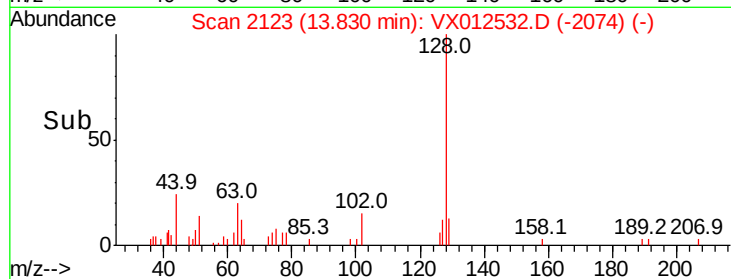
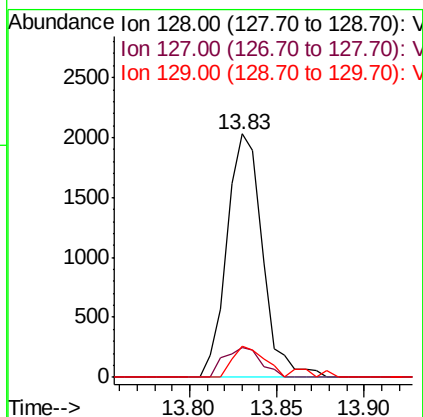
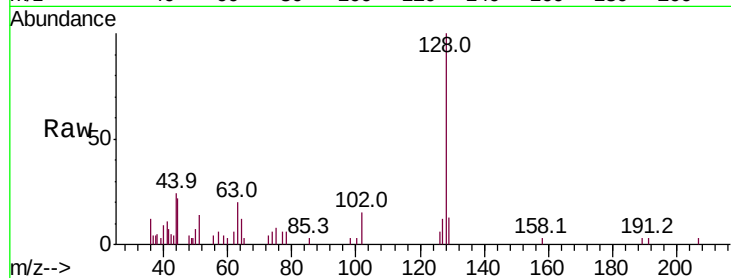




#95
Naphthalene
Concen: 0.412 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Instrument :
MSVOA_X
ClientSampled :
MW6-R2-1

Tot Ion:128 Resp: 2879
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.325 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012532.D
Acq: 19 Sep 2019 16:44

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 111.1 47.1 141.3
145 36.2 18.0 54.0

