

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016916.D
 Acq On : 20 Jun 2020 08:09
 Operator : JC/SP
 Sample : L3066-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 22 01:56:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	303146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	564279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	296440	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	190179	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	5.46	113	157327	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	
50) Toluene-d8	8.70	98	582521	40.34	ug/l	0.00
Spiked Amount			Recovery	=	80.68%	
62) 4-Bromofluorobenzene	11.12	95	249945	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	953	0.253	ug/l	98
11) Tert butyl alcohol	3.01	59	28746	46.640	ug/l	100
13) Acrolein	2.26	56	254	0.680	ug/l #	69
16) Acetone	2.42	43	10268	7.758	ug/l	93
17) Carbon Disulfide	2.55	76	2308	0.276	ug/l #	75
20) Methylene Chloride	2.82	84	970	0.306	ug/l #	59
25) 2-Butanone	4.65	43	4791	2.630	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	61066	17.767	ug/l	91
31) Cyclohexane	5.55	56	4466	0.991	ug/l #	85
36) 1,1-Dichloropropene	5.63	75	20775	3.987	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28628	4.897	ug/l #	15
39) Methylcyclohexane	7.45	83	21630	3.570	ug/l	95
44) Trichloroethene	7.20	130	2178	0.455	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	2859	0.591	ug/l	92
55) 1,1,2-Trichloroethane	9.15	97	8840	2.258	ug/l #	21
56) Ethyl methacrylate	9.15	69	2076	0.366	ug/l #	8
59) 2-Hexanone	9.29	43	2579	0.737	ug/l	85
60) Dibromochloromethane	9.32	129	3674	0.782	ug/l #	11
64) Tetrachloroethene	9.32	164	3827	0.840	ug/l	91
67) Ethyl Benzene	10.24	91	1942607	115.583	ug/l	99
68) m/p-Xylenes	10.34	106	300118	45.888	ug/l	100
69) o-Xylene	10.68	106	52822	8.735	ug/l	99
70) Styrene	10.68	104	3228	0.314	ug/l #	1
73) Isopropylbenzene	11.00	105	2119372	111.041	ug/l	100
74) N-amyl acetate	10.89	43	15361	2.305	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	13717	2.545	ug/l #	37
76) 1,2,3-Trichloropropane	11.34	75	21355	3.944	ug/l #	1
78) n-propylbenzene	11.34	91	3681897	172.852	ug/l	100
79) 2-Chlorotoluene	11.44	91	135036	10.361	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	694071	42.147	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	116554	52.720	ug/l #	14
82) 4-Chlorotoluene	11.44	91	135036	8.637	ug/l #	45
83) tert-Butylbenzene	11.76	119	236208	14.497	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	14330099	844.758	ug/l	71

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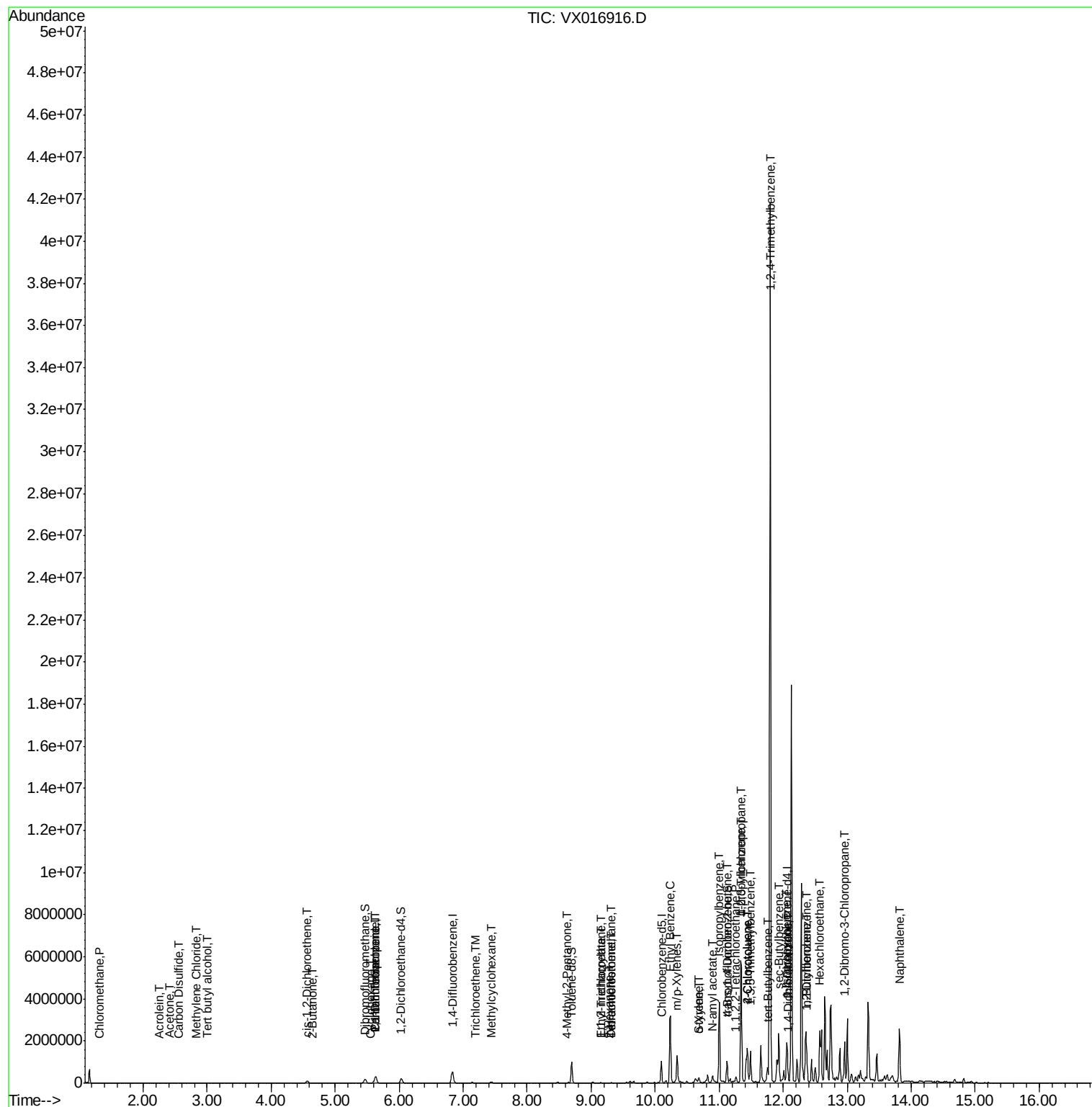
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.93	105	1208019	63.838	ug/l #	77
86) p-Isopropyltoluene	12.05	119	487252	28.103	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	6415	0.667	ug/l #	65
89) n-Butylbenzene	12.37	91	615893	41.425	ug/l #	64
90) Hexachloroethane	12.57	117	112674	36.076	ug/l #	5
91) 1,2-Dichlorobenzene	12.38	146	2421	0.264	ug/l #	81
92) 1,2-Dibromo-3-Chloropropan	12.96	75	6164	4.824	ug/l #	1
95) Naphthalene	13.82	128	1506947	83.261	ug/l	99

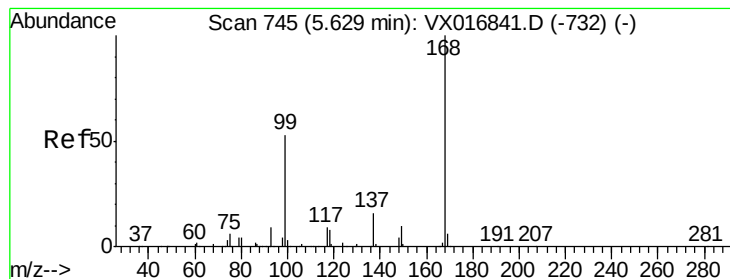
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

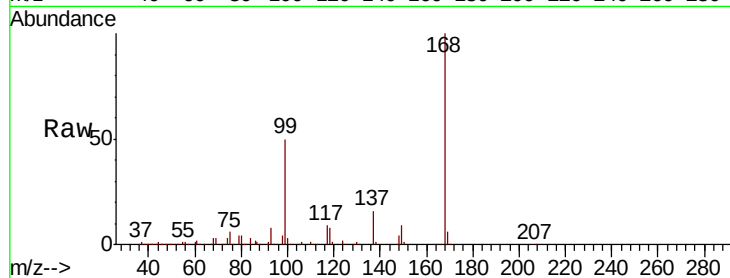
MW-4

Tot Ion:168 Resp: 303146

Ion Ratio Lower Upper

168 100

99 50.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

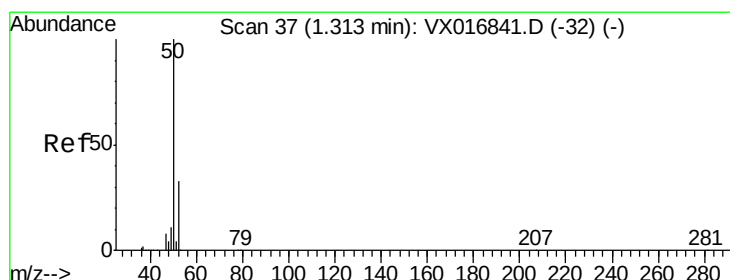
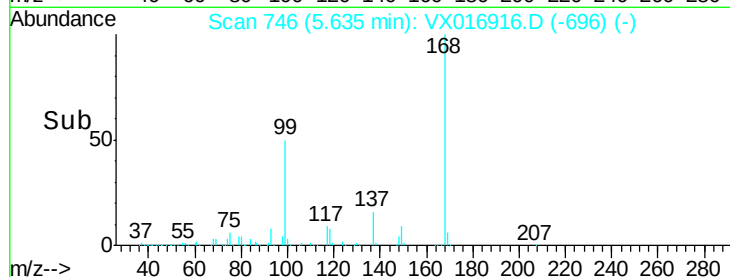
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016916.D

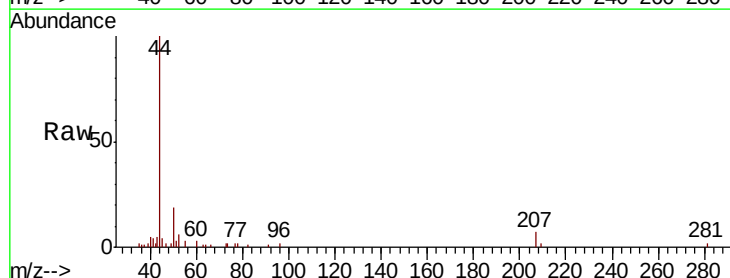
Acq: 20 Jun 2020 08:09

Tgt Ion: 50 Resp: 953

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

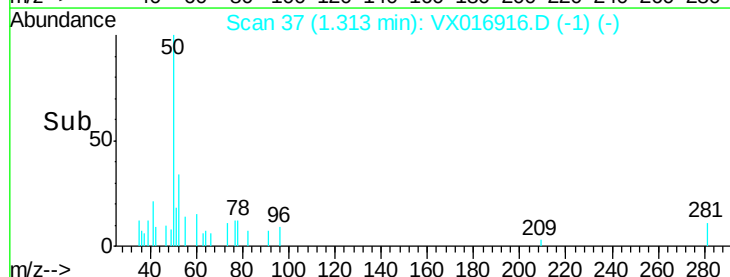
600

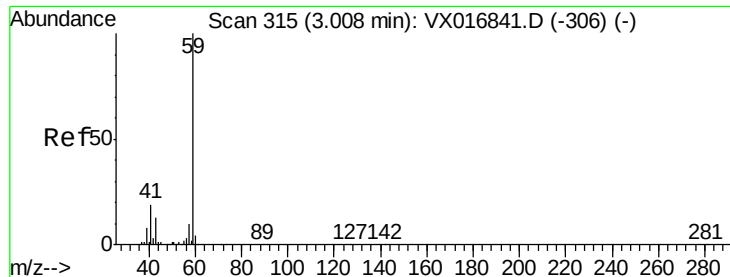
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 46.640 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

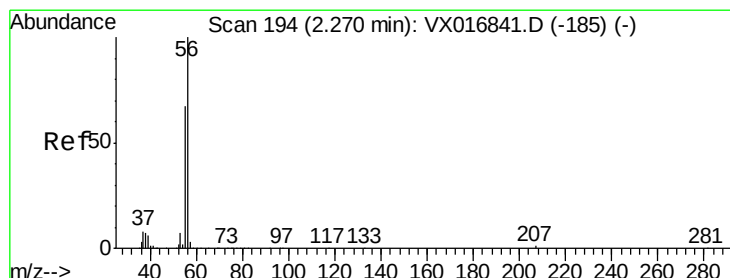
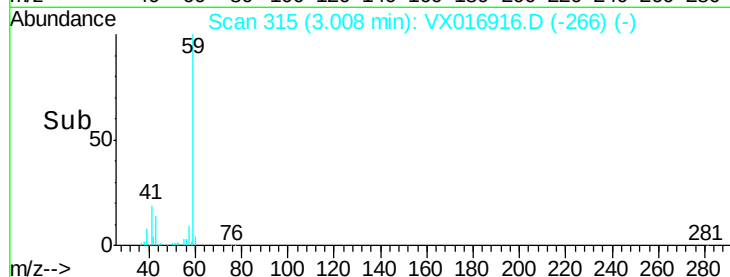
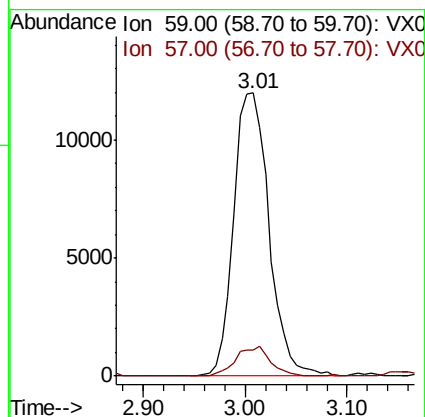
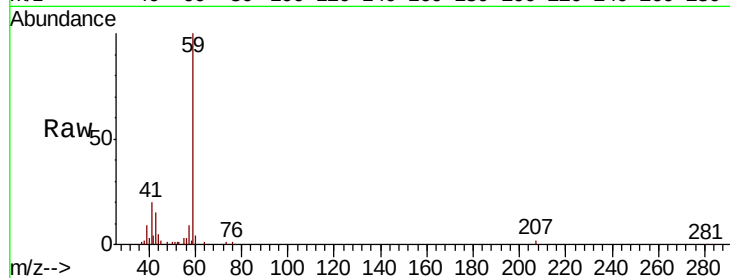
MW-4

Tot Ion: 59 Resp: 28746

Ion Ratio Lower Upper

59 100

57 10.4 8.4 12.6



#13

Acrolein

Concen: 0.680 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016916.D

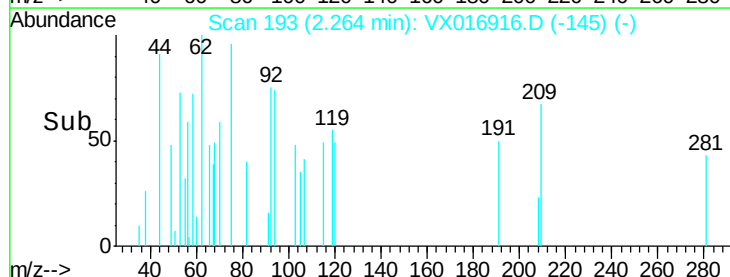
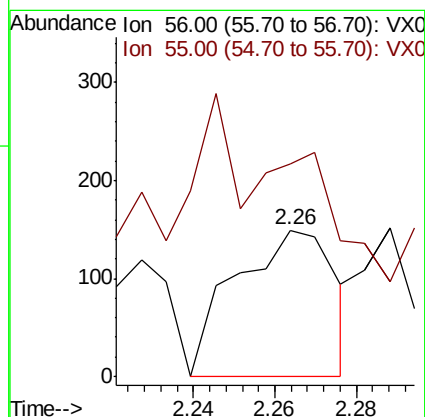
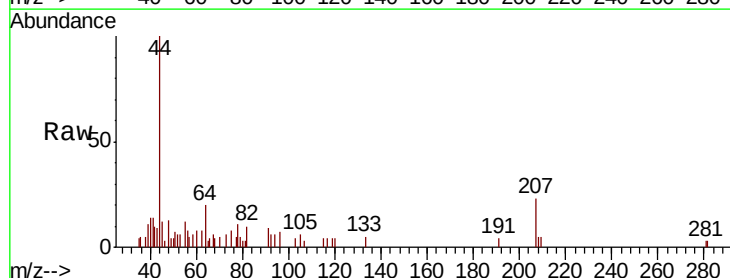
Acq: 20 Jun 2020 08:09

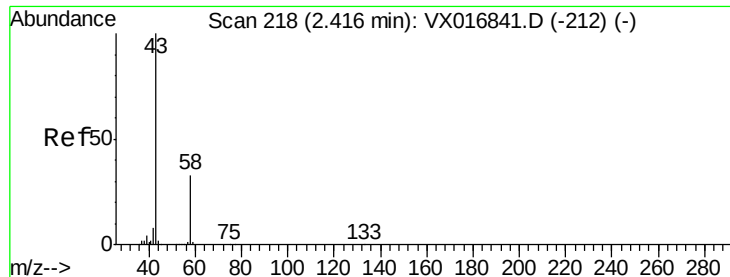
Tgt Ion: 56 Resp: 254

Ion Ratio Lower Upper

56 100

55 44.1 55.7 83.5#





#16

Acetone

Concen: 7.758 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

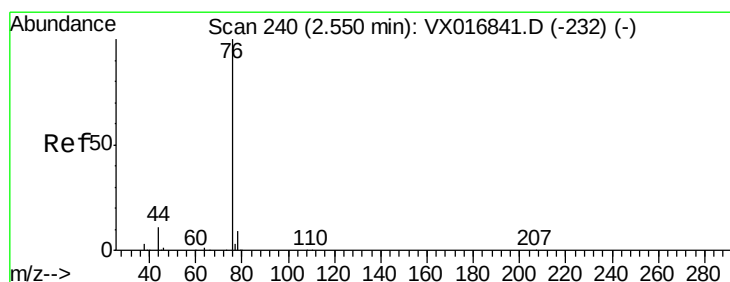
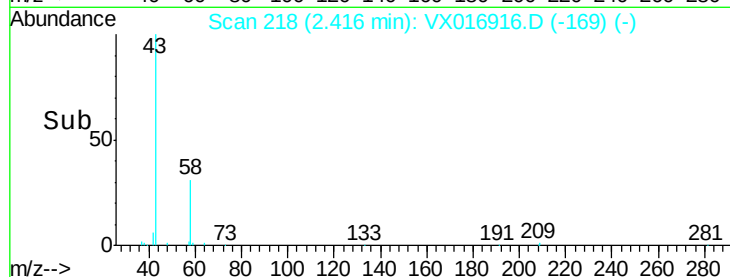
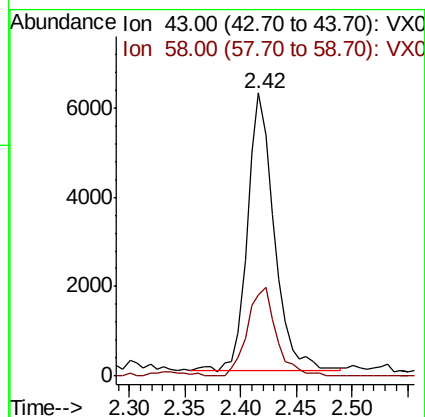
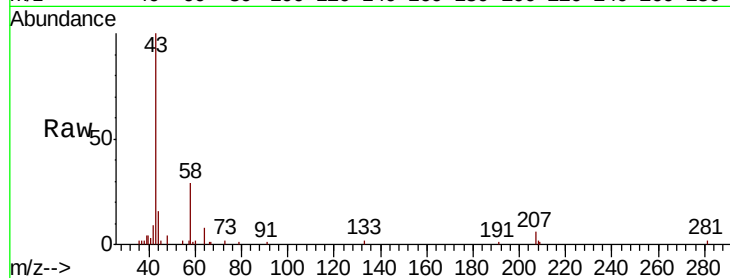
MW-4

Tot Ion: 43 Resp: 10268

Ion Ratio Lower Upper

43 100

58 29.5 26.6 39.8



#17

Carbon Disulfide

Concen: 0.276 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016916.D

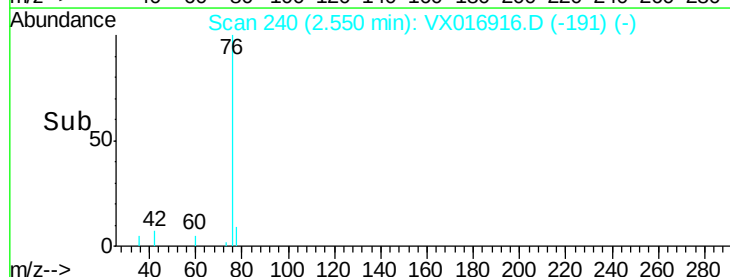
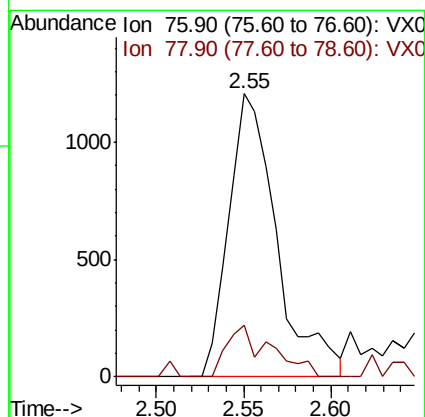
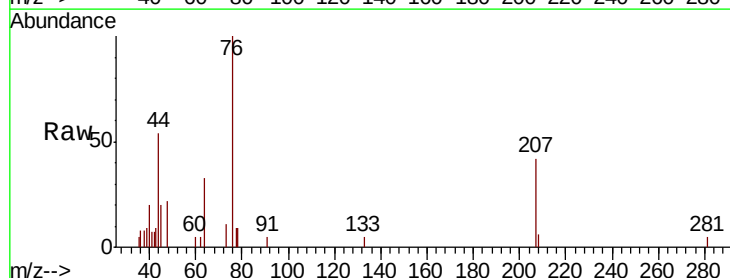
Acq: 20 Jun 2020 08:09

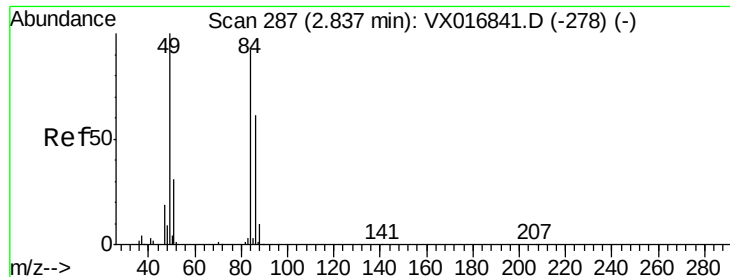
Tgt Ion: 76 Resp: 2308

Ion Ratio Lower Upper

76 100

78 18.4 7.5 11.3#





#20

Methylene Chloride

Concen: 0.306 ug/l

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tot Ion: 84 Resp: 970

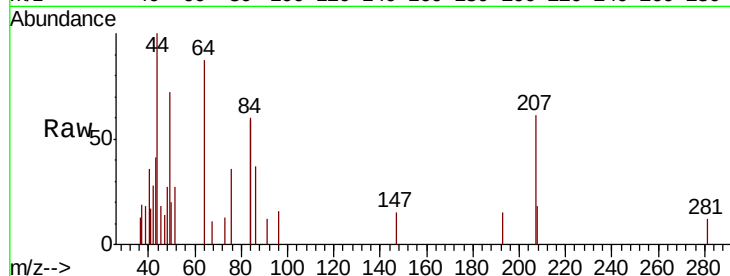
Ion Ratio Lower Upper

84 100

49 61.2 86.6 129.8#

51 22.5 27.1 40.7#

86 31.0 53.1 79.7#

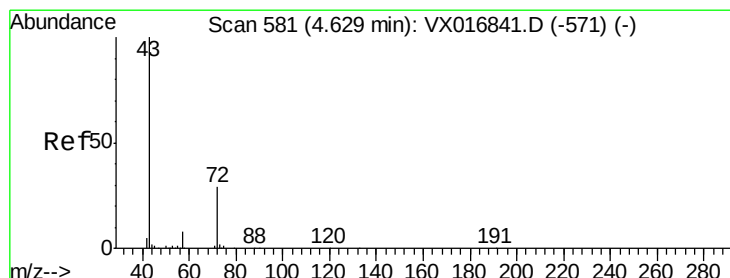
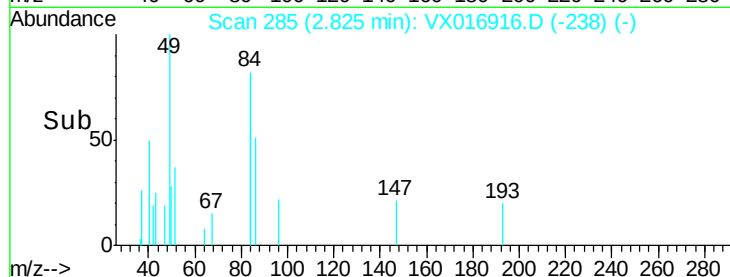
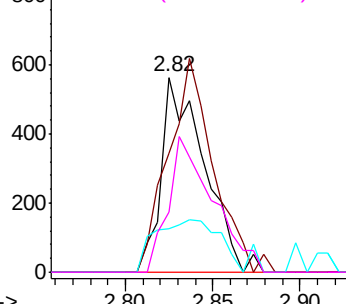


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 2.630 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX016916.D

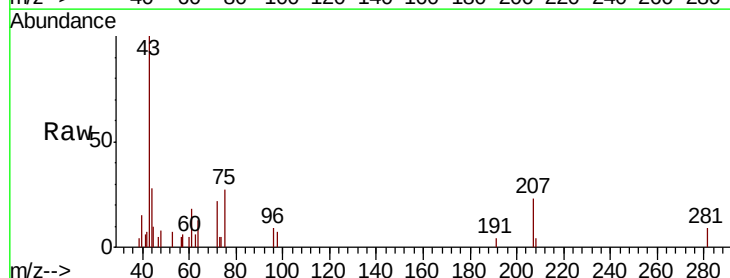
Acq: 20 Jun 2020 08:09

Tgt Ion: 43 Resp: 4791

Ion Ratio Lower Upper

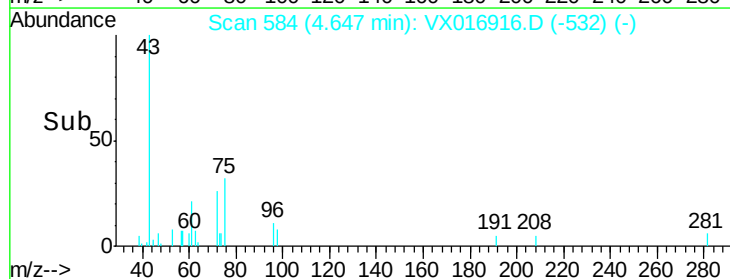
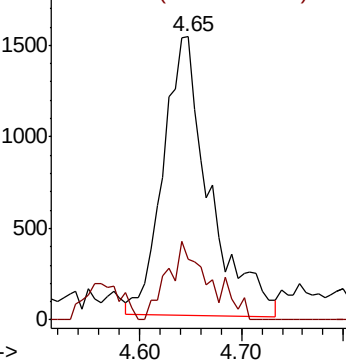
43 100

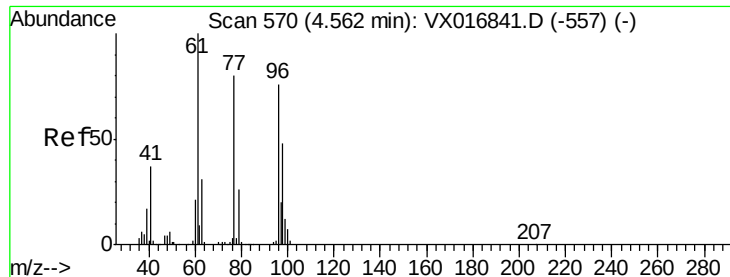
72 23.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



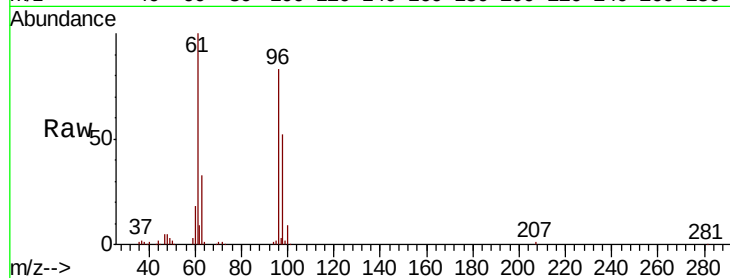


#27

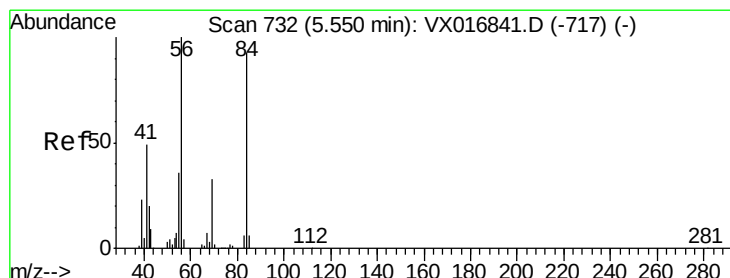
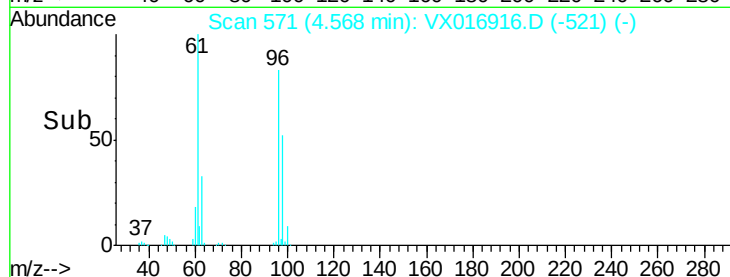
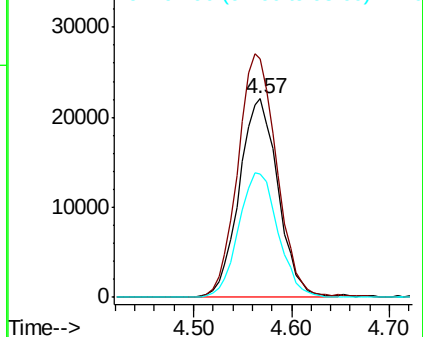
cis-1,2-Dichloroethene
Concen: 17.767 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Instrument :
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MW-4

Tot Ion	96	Resp	61066
Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	273.8
98	63.4	0.0	129.0



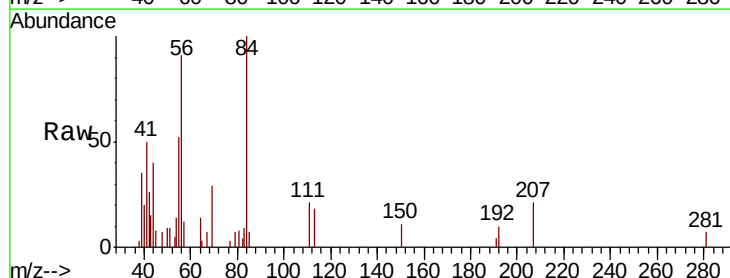
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



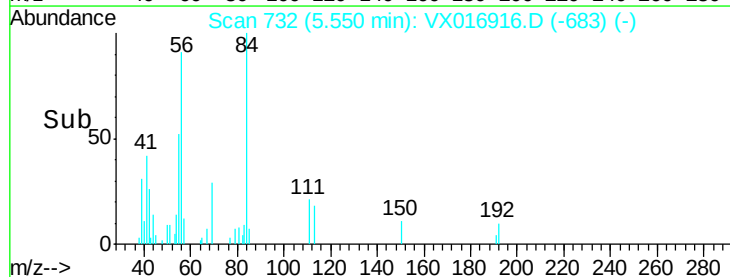
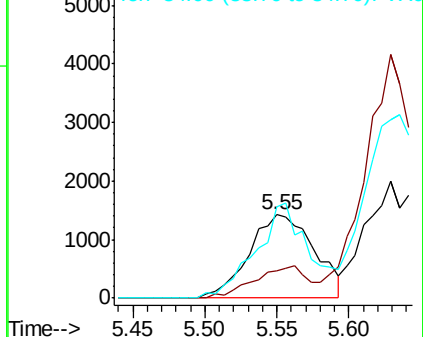
#31

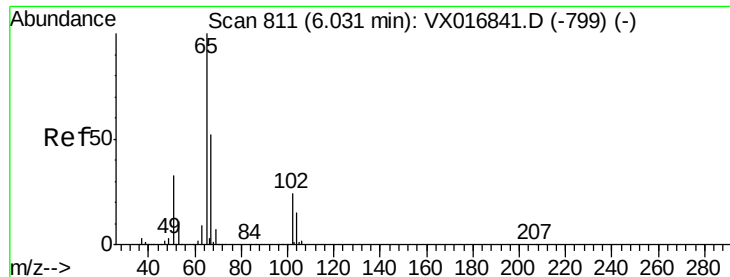
Cyclohexane
Concen: 0.991 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion	56	Resp	4466
Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.1	39.1
84	110.0	73.0	109.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

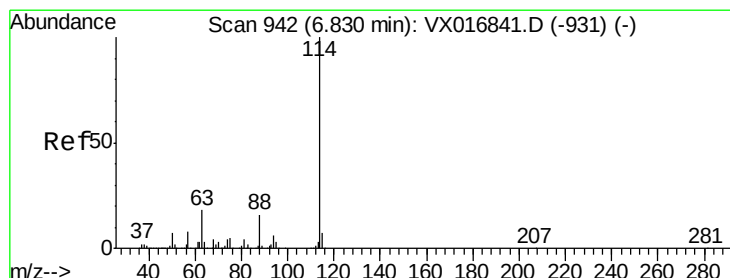
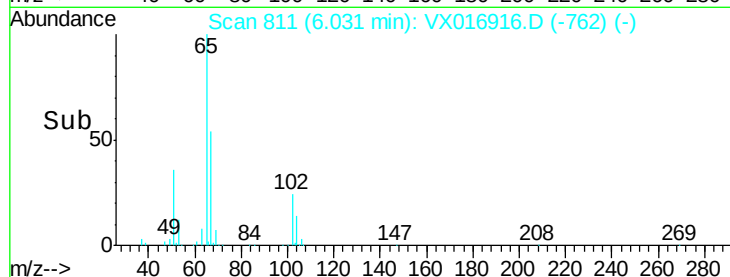
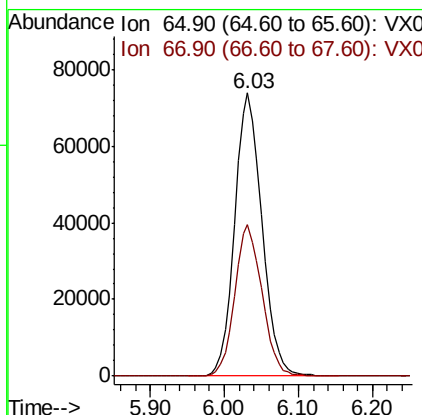
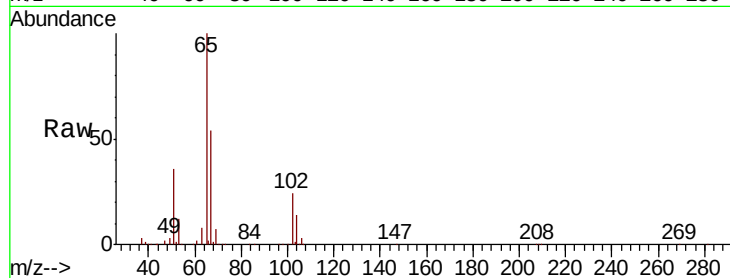




#33
 1,2-Dichloroethane-d4
 Concen: 52.163 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

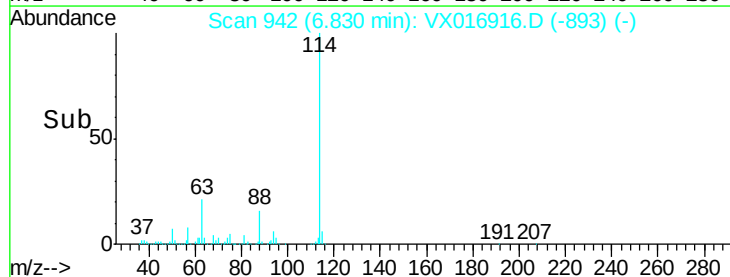
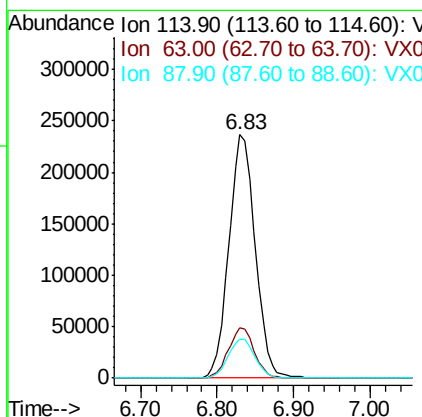
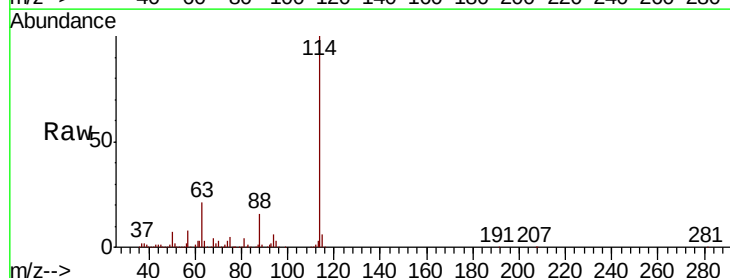
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

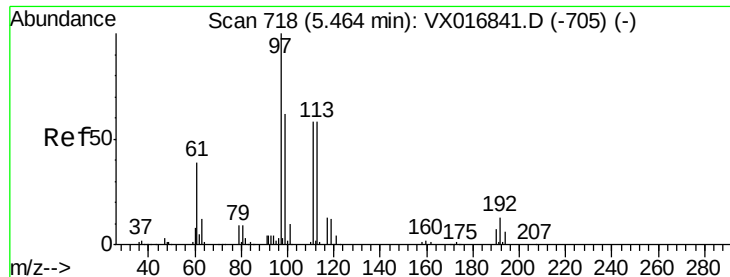
Tot Ion: 65 Resp: 190179
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

Tgt Ion: 114 Resp: 564279
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.0
 88 16.1 0.0 32.0

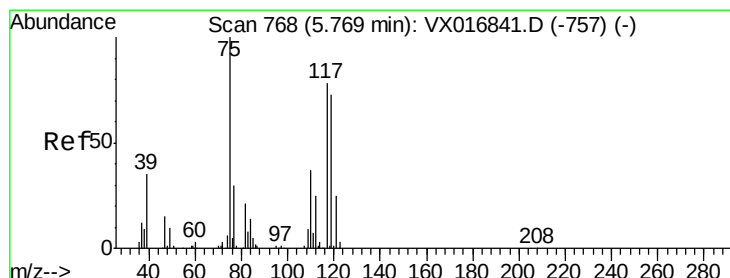
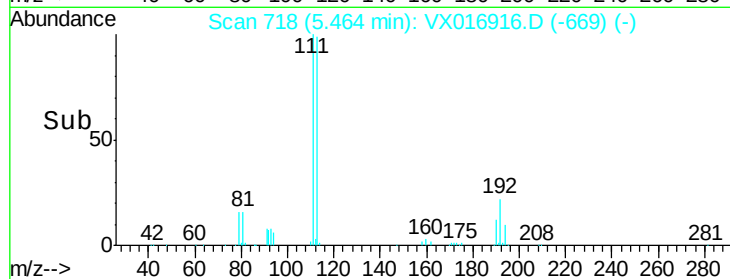
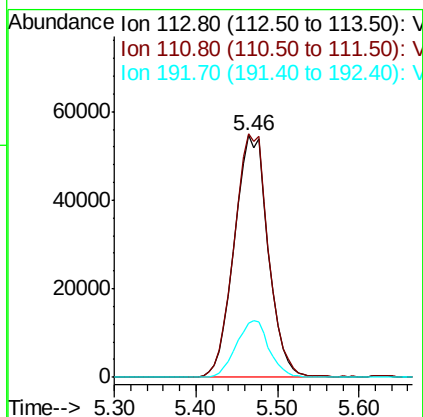
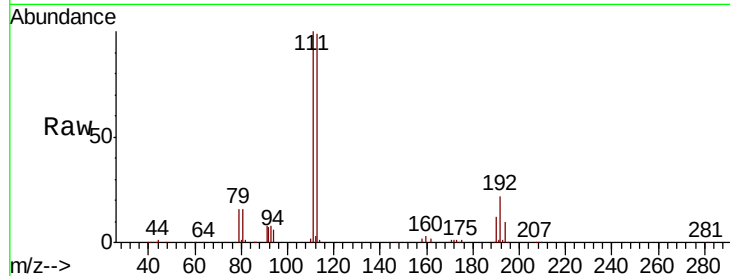




#35
 Dibromofluoromethane
 Concen: 43.585 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

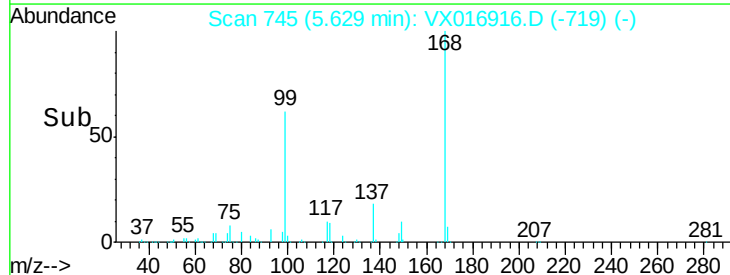
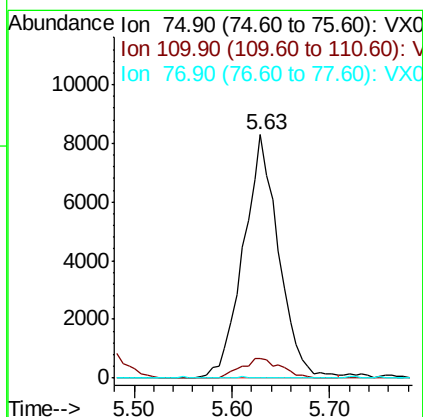
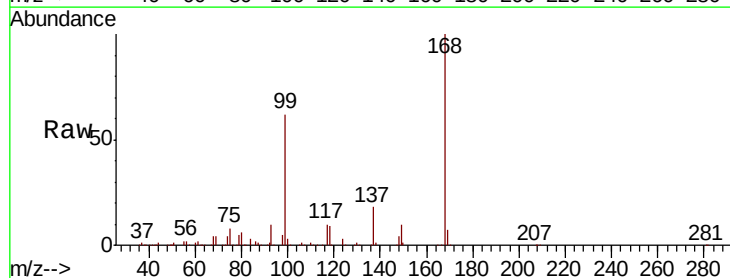
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

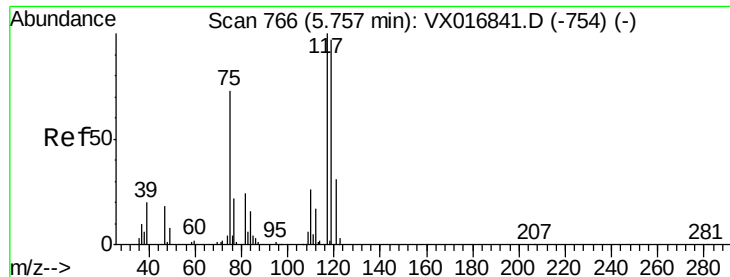
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.4
192	22.7	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 3.987 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.9	56.9#
77	0.1	25.6	38.4#

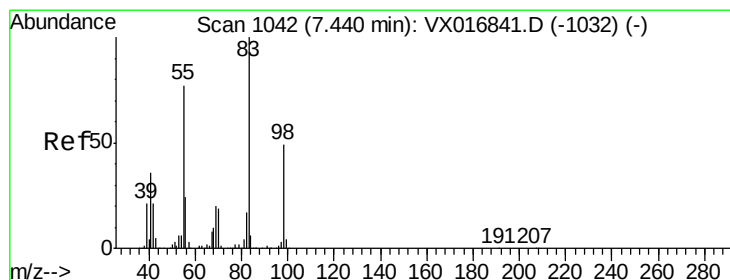
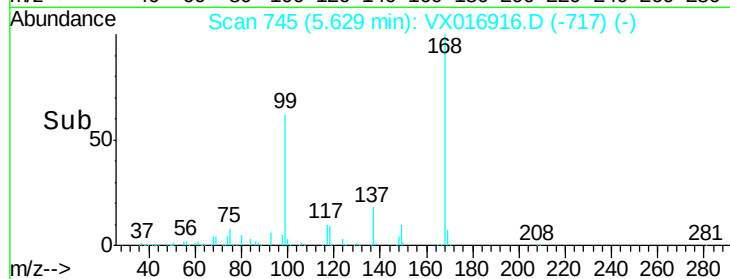
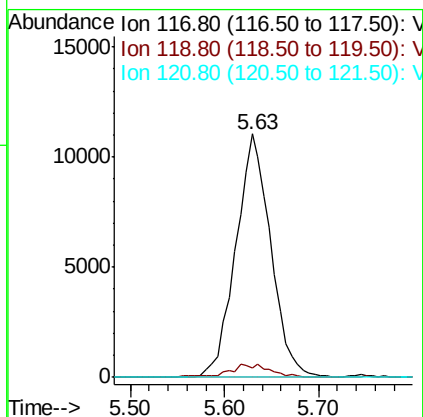
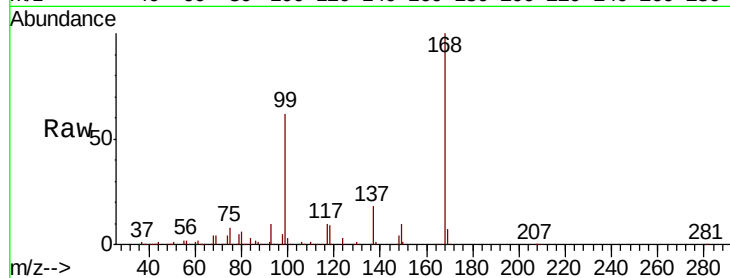




#38
Carbon Tetrachloride
Concen: 4.897 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

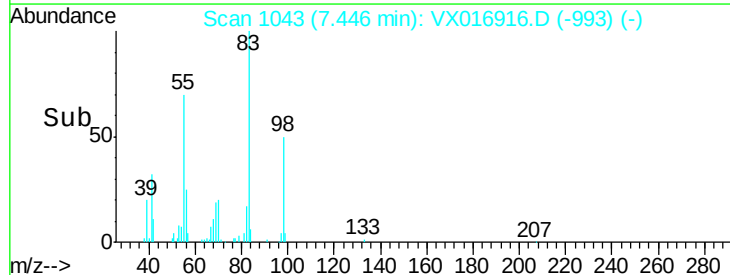
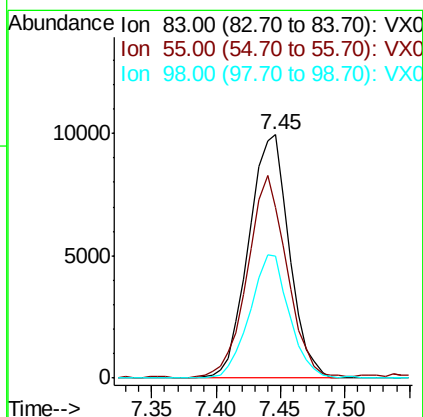
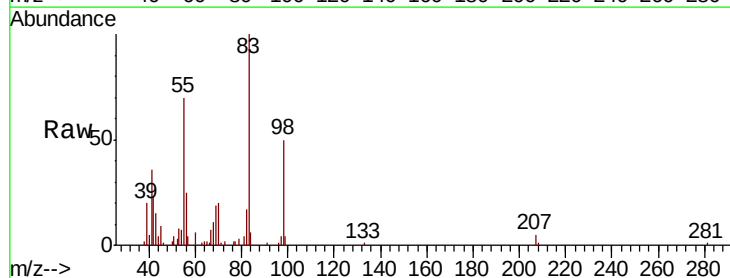
Instrument :
MSVOA_X
ClientSampleId :
MW-4

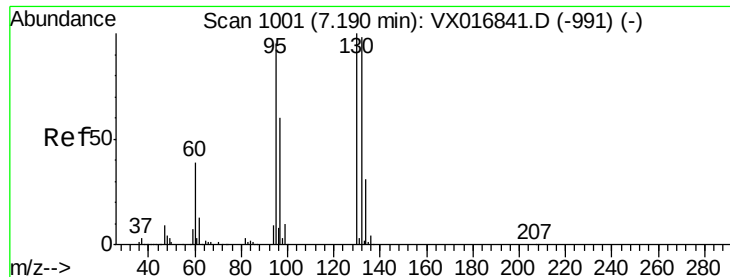
Tot Ion:117 Resp: 28628
Ion Ratio Lower Upper
117 100
119 4.0 77.4 116.2#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 3.570 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion: 83 Resp: 21630
Ion Ratio Lower Upper
83 100
55 70.3 61.7 92.5
98 49.9 39.0 58.6





#44

Trichloroethene

Concen: 0.455 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

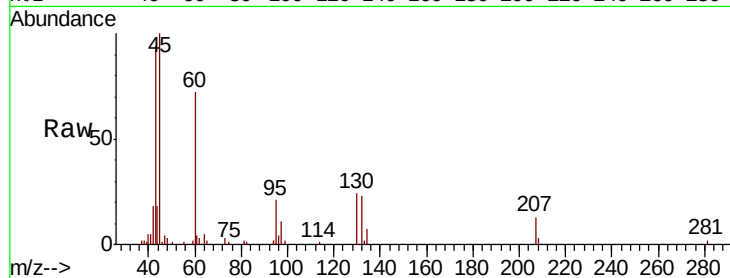
MW-4

Tot Ion:130 Resp: 2178

Ion Ratio Lower Upper

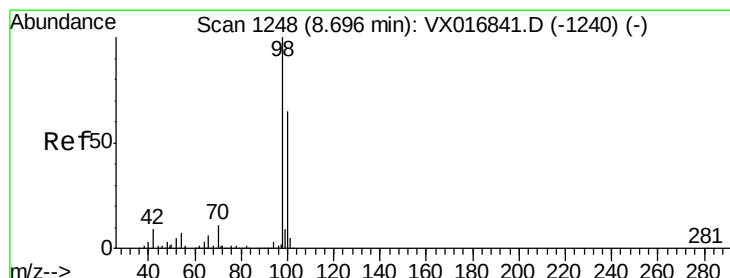
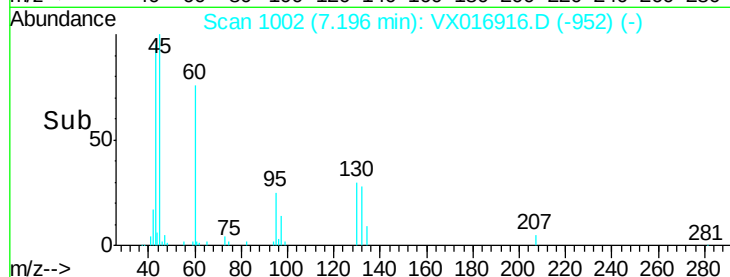
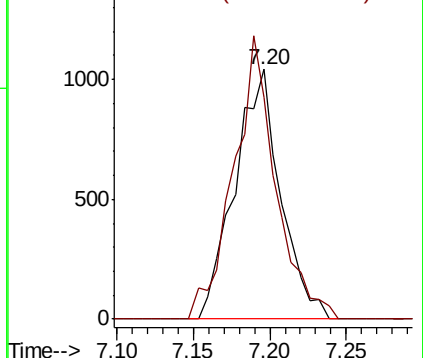
130 100

95 88.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 40.335 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016916.D

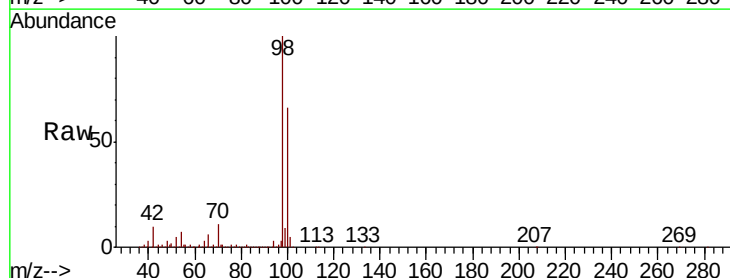
Acq: 20 Jun 2020 08:09

Tgt Ion: 98 Resp: 582521

Ion Ratio Lower Upper

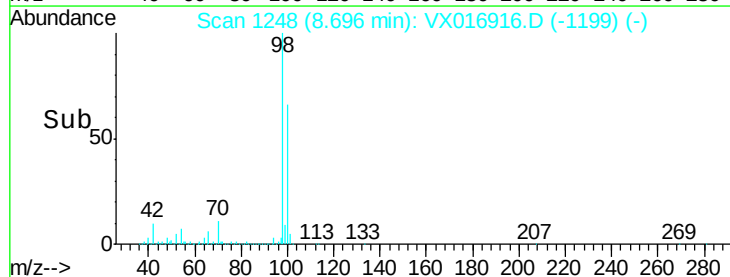
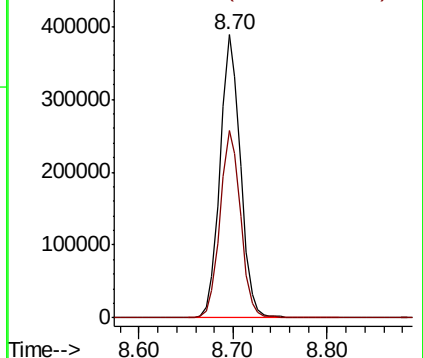
98 100

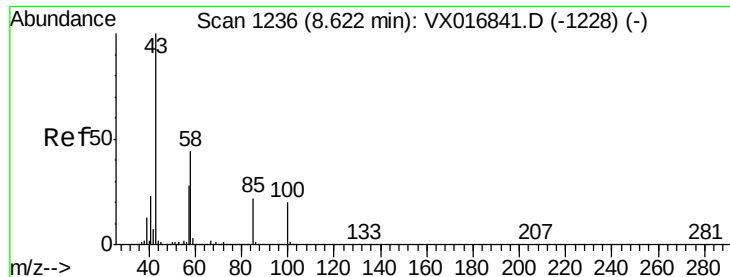
100 67.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

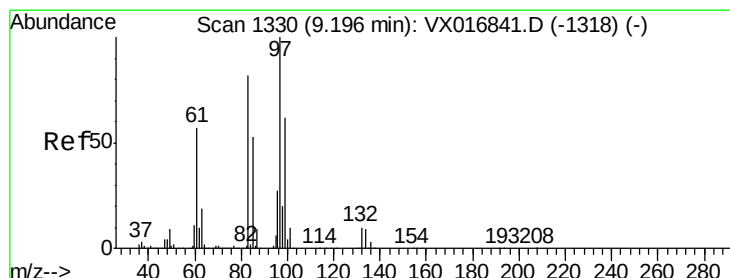
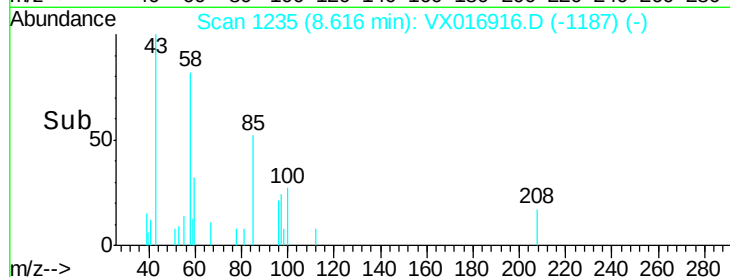
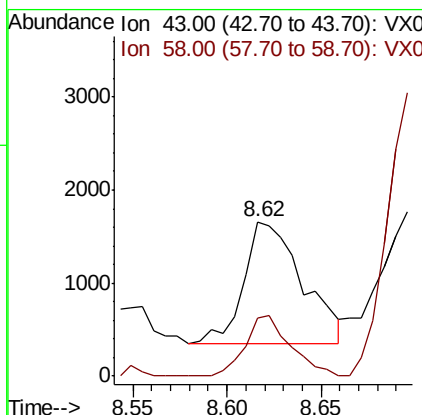
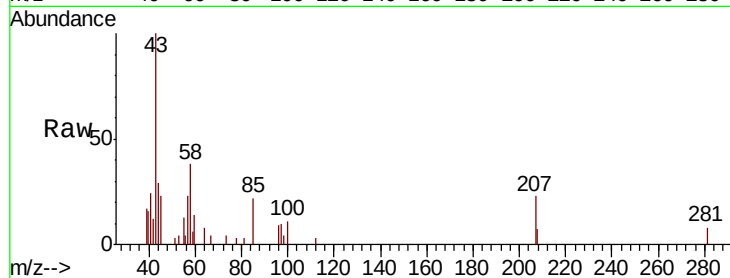




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

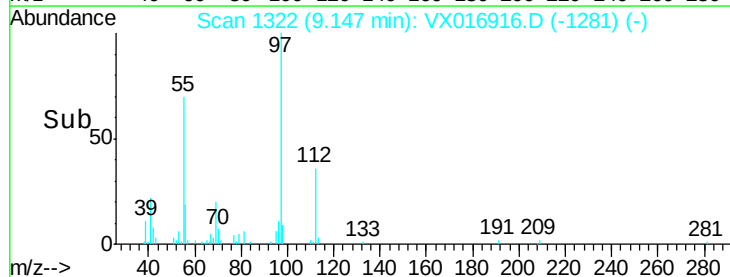
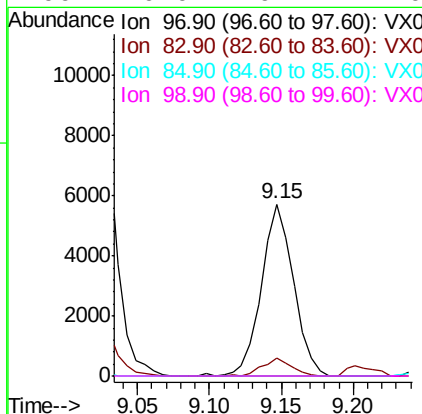
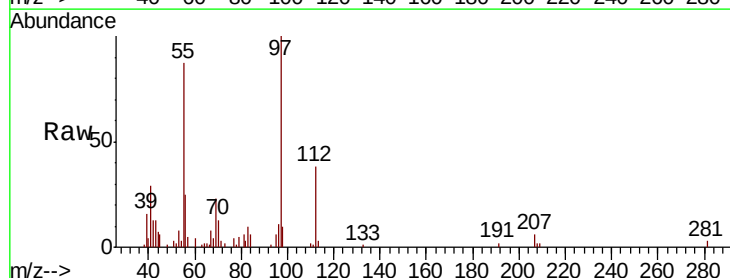
Instrument :
MSVOA_X
ClientSampleId :
MW-4

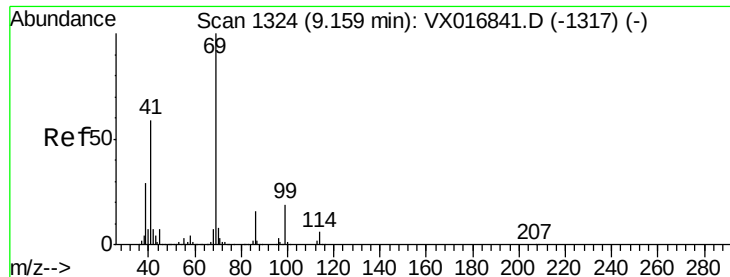
Tot Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
58 38.0 34.3 51.5



#55
1,1,2-Trichloroethane
Concen: 2.258 ug/l
RT: 9.15 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion: 97 Resp: 8840
Ion Ratio Lower Upper
97 100
83 10.3 65.5 98.3#
85 0.0 42.6 63.8#
99 0.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 0.366 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

MW-4

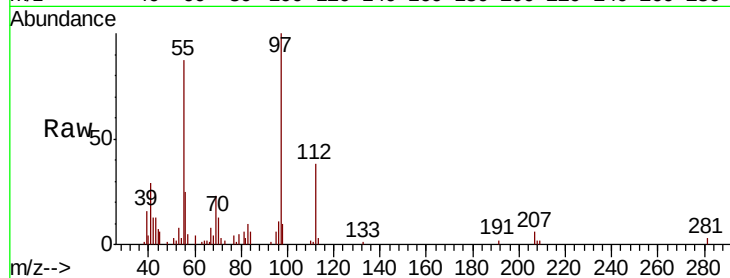
Tot Ion: 69 Resp: 2076

Ion Ratio Lower Upper

69 100

41 125.3 47.9 71.9#

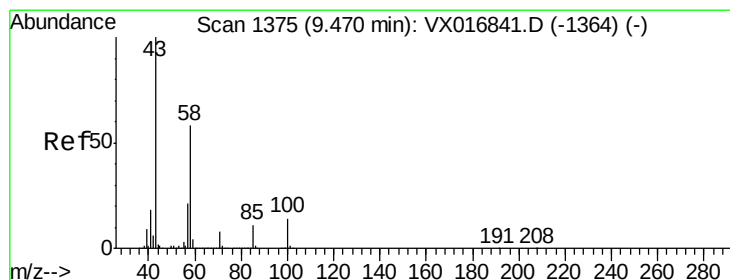
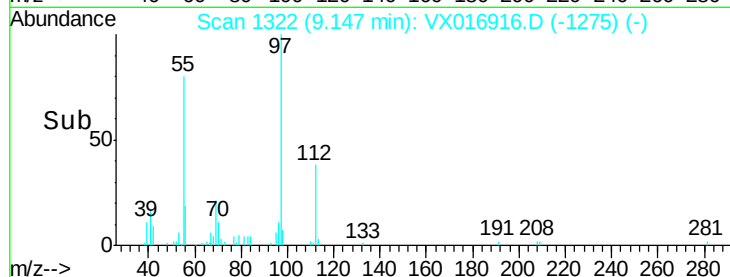
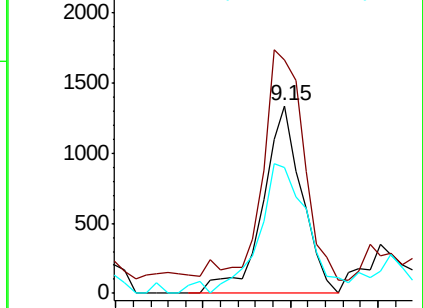
39 85.7 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.737 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. -0.18 min

Lab File: VX016916.D

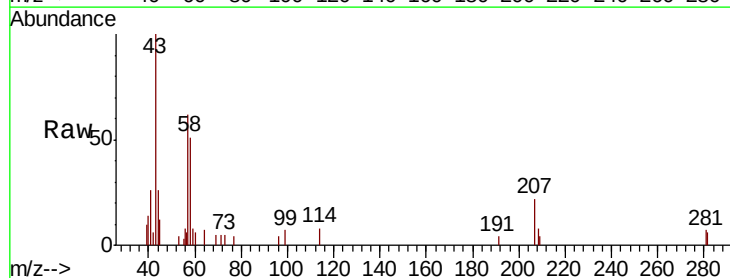
Acq: 20 Jun 2020 08:09

Tgt Ion: 43 Resp: 2579

Ion Ratio Lower Upper

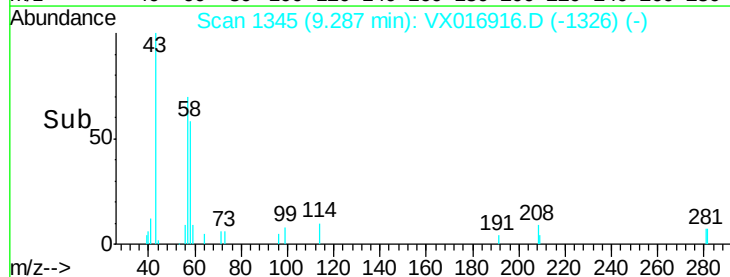
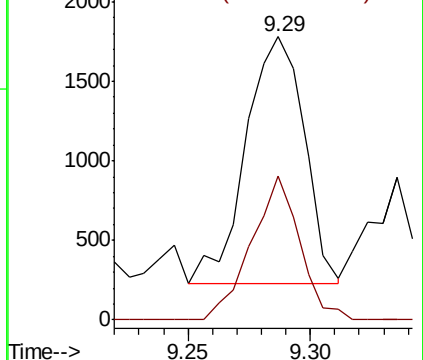
43 100

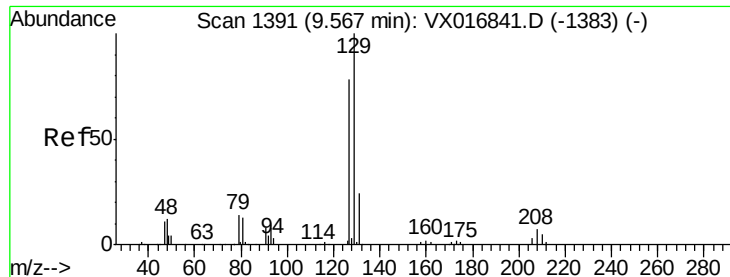
58 48.2 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 0.782 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

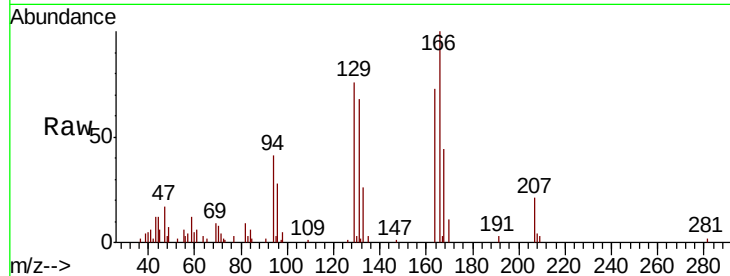
MW-4

Tot Ion:129 Resp: 3674

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.32

2500

2000

1500

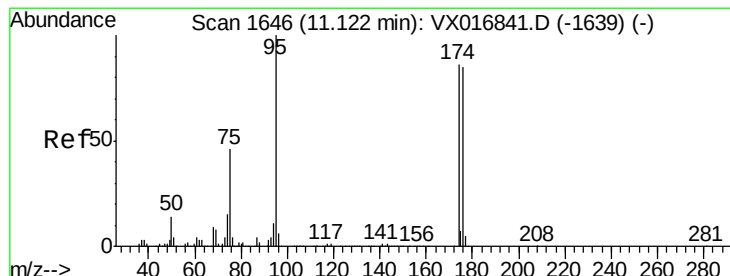
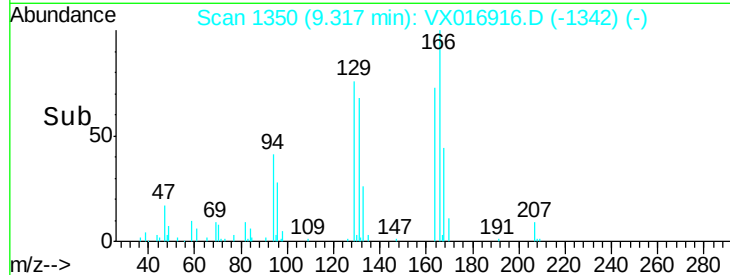
1000

500

0

9.30 9.35

Time-->



#62

4-Bromofluorobenzene

Concen: 45.171 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

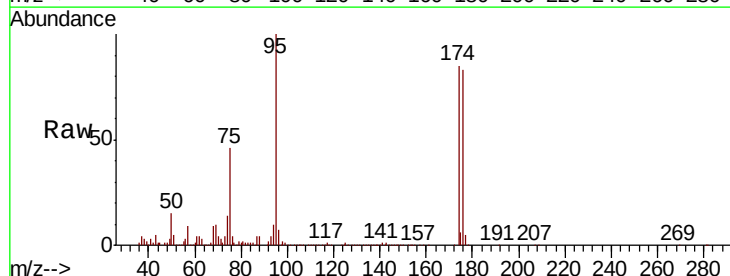
Tgt Ion: 95 Resp: 249945

Ion Ratio Lower Upper

95 100

174 85.0 0.0 174.2

176 82.4 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

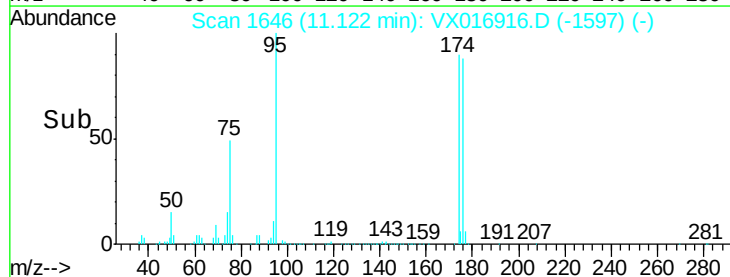
100000

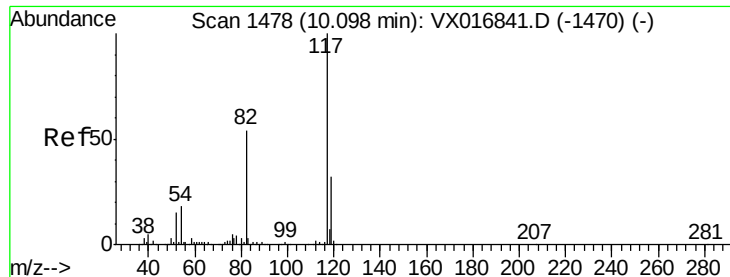
50000

0

11.05 11.10 11.15

Time-->

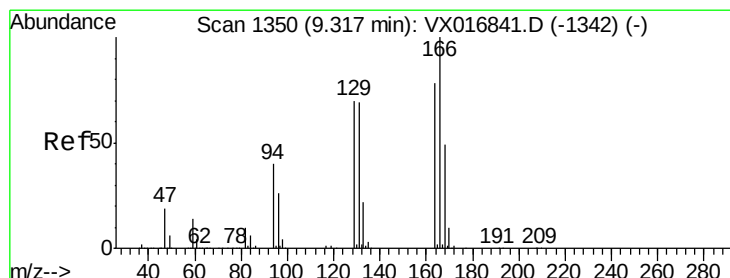
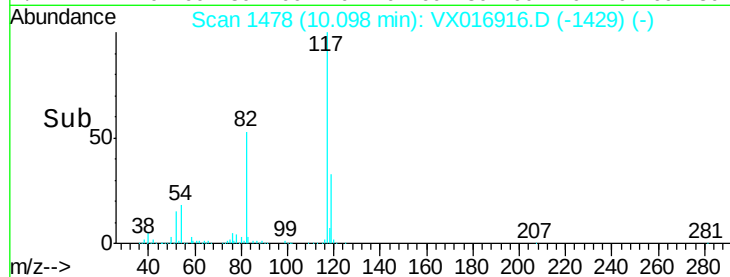
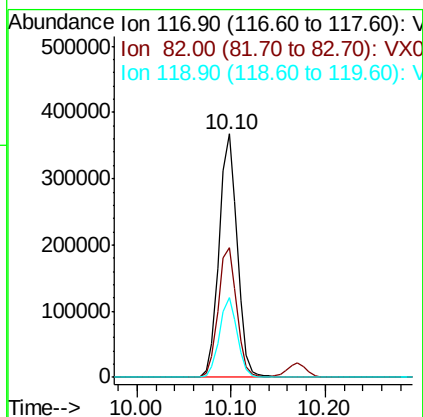
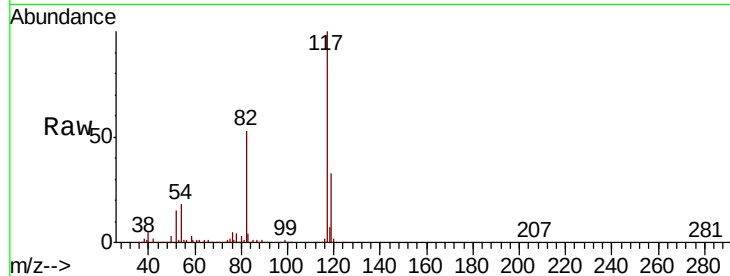




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

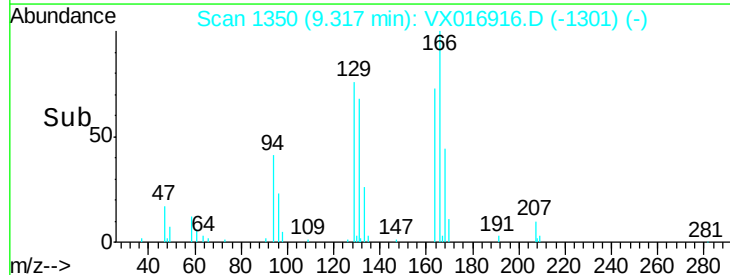
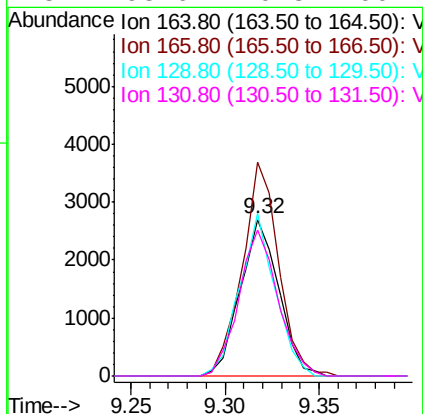
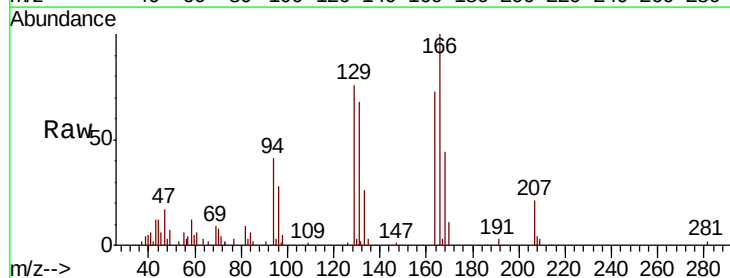
Instrument :
MSVOA_X
ClientSampleId :
MW-4

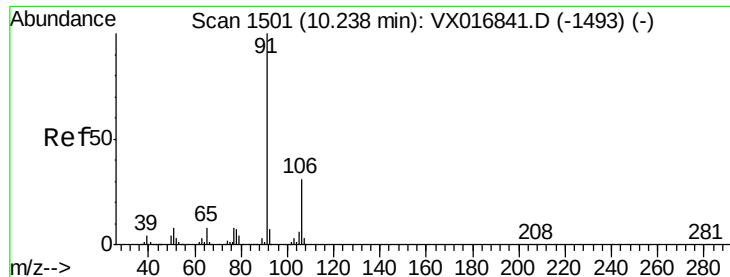
Tot Ion:117 Resp: 491919
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 0.840 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion:164 Resp: 3827
Ion Ratio Lower Upper
164 100
166 136.6 102.6 153.8
129 103.7 72.2 108.2
131 93.6 70.8 106.2

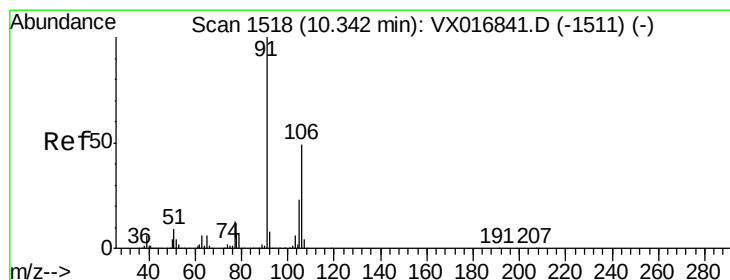
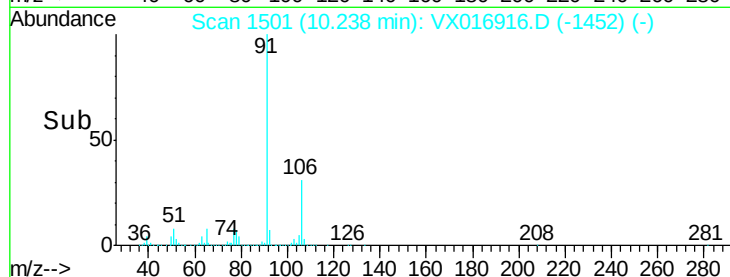
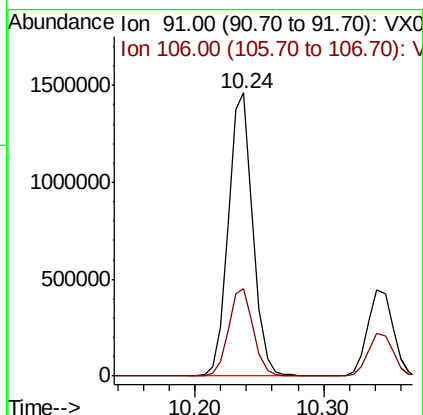
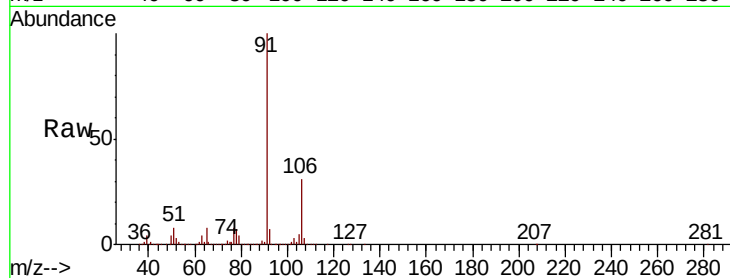




#67
Ethyl Benzene
Concen: 115.583 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

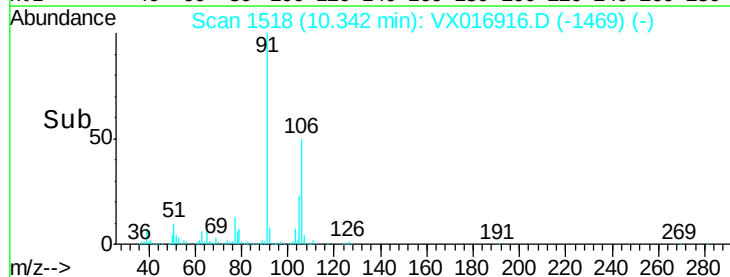
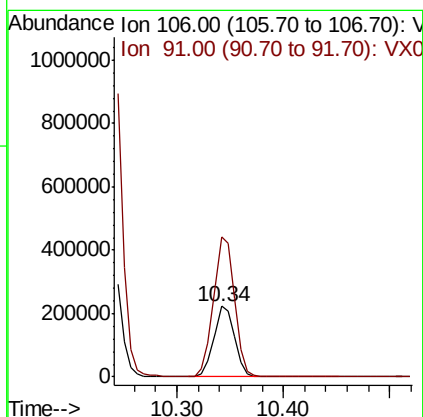
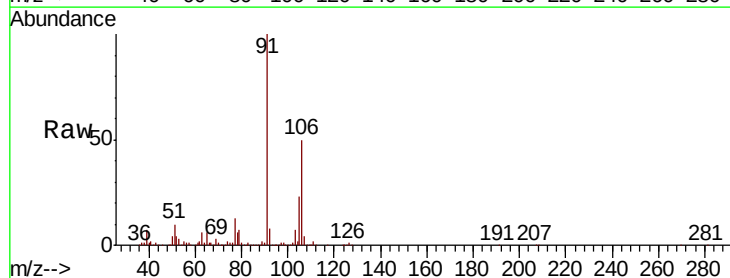
Instrument :
MSVOA_X
ClientSampled :
MW-4

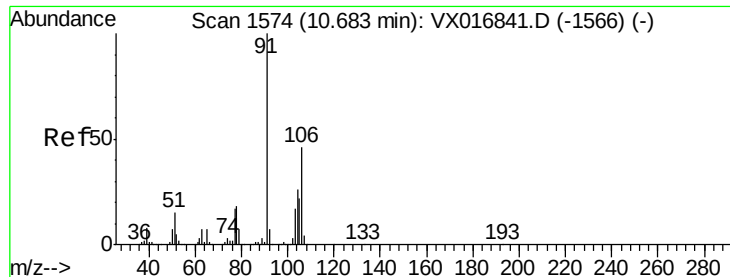
Tot Ion: 91 Resp: 1942607
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 45.888 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion: 106 Resp: 300118
Ion Ratio Lower Upper
106 100
91 201.7 161.5 242.3

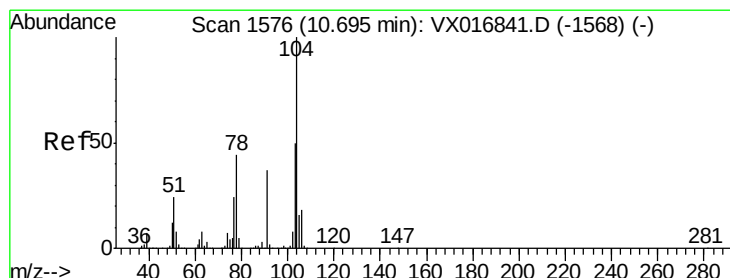
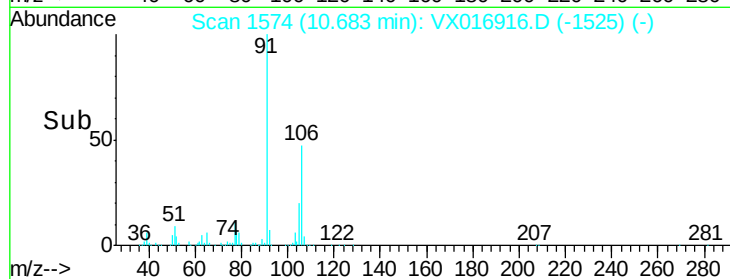
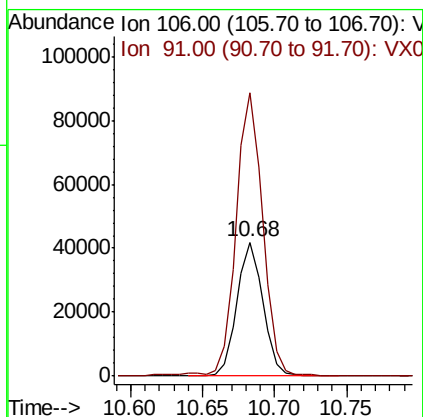
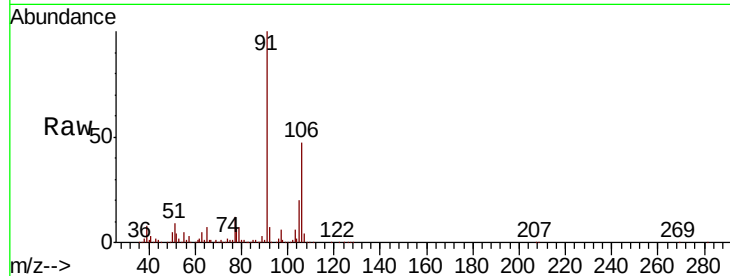




#69
o-Xylene
Concen: 8.735 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

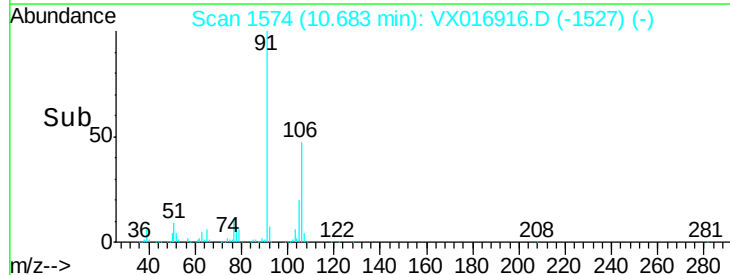
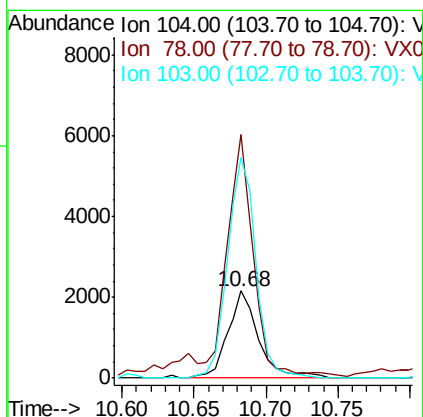
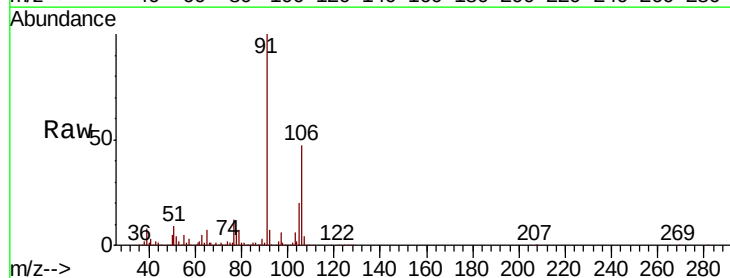
Instrument :
MSVOA_X
ClientSampled :
MW-4

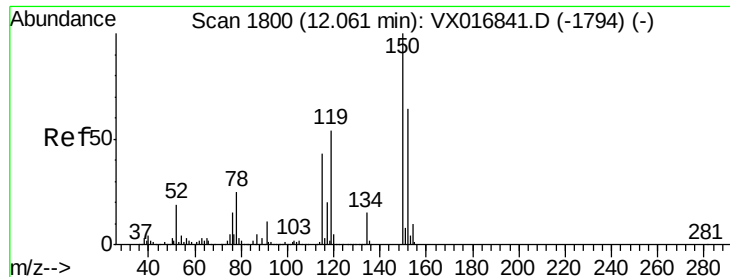
Tot Ion:106 Resp: 52822
Ion Ratio Lower Upper
106 100
91 217.3 107.9 323.7



#70
Styrene
Concen: 0.314 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX016916.D
Acq: 20 Jun 2020 08:09

Tgt Ion:104 Resp: 3228
Ion Ratio Lower Upper
104 100
78 224.2 39.6 59.4#
103 234.1 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

MW-4

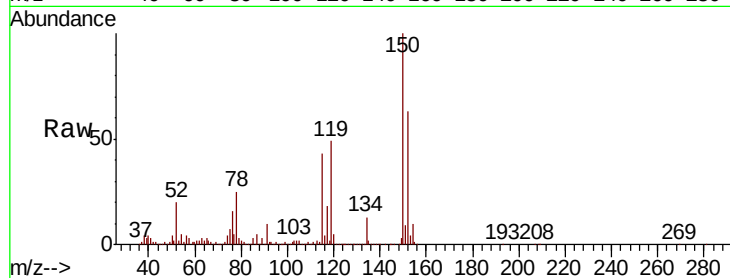
Tot Ion:152 Resp: 296440

Ion Ratio Lower Upper

152 100

115 70.3 40.9 122.8

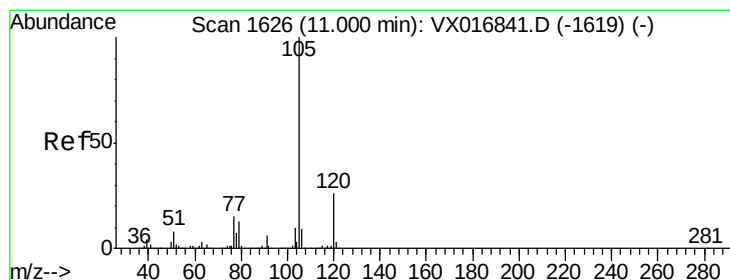
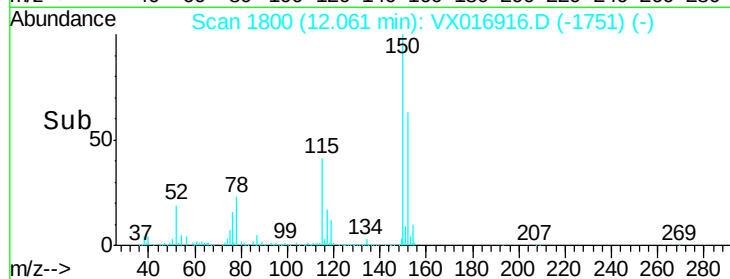
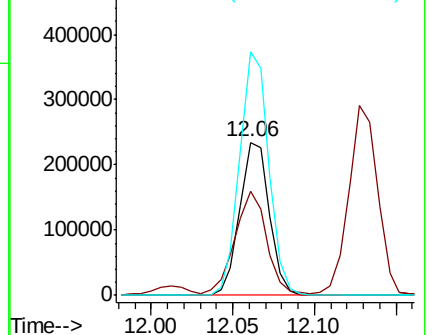
150 157.2 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 111.041 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016916.D

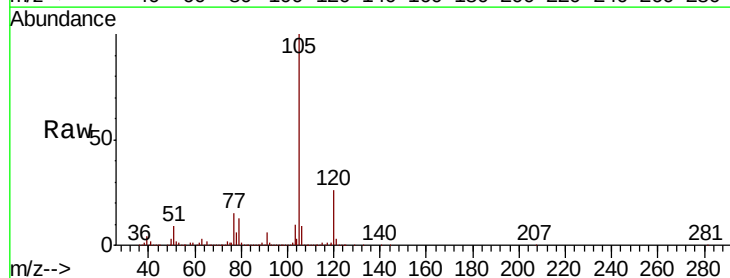
Acq: 20 Jun 2020 08:09

Tgt Ion:105 Resp: 2119372

Ion Ratio Lower Upper

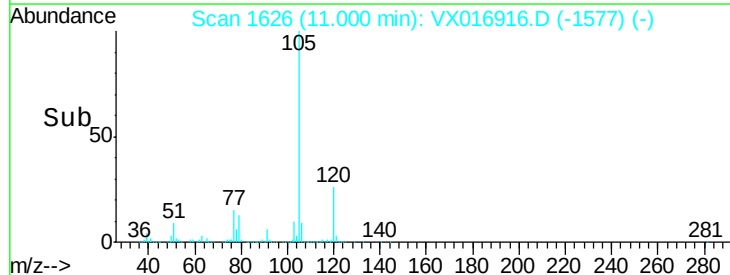
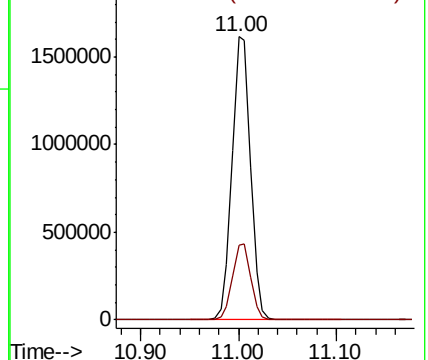
105 100

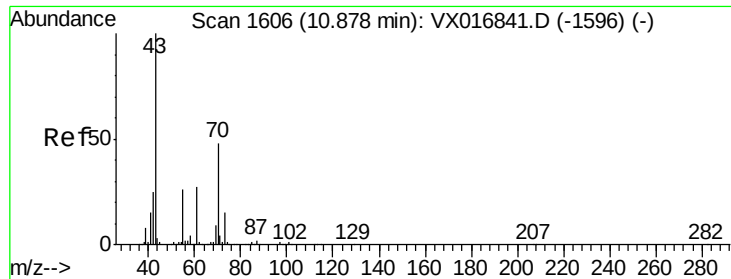
120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.305 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tot Ion: 43 Resp: 15361

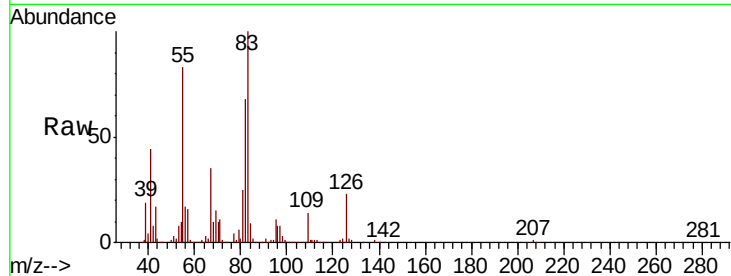
Ion Ratio Lower Upper

43 100

70 106.9 39.9 59.9#

55 471.5 21.8 32.6#

61 0.0 22.2 33.4#

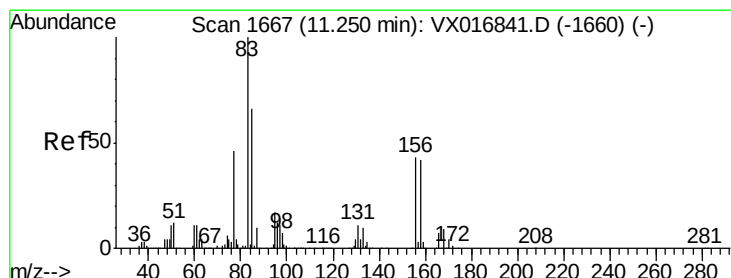
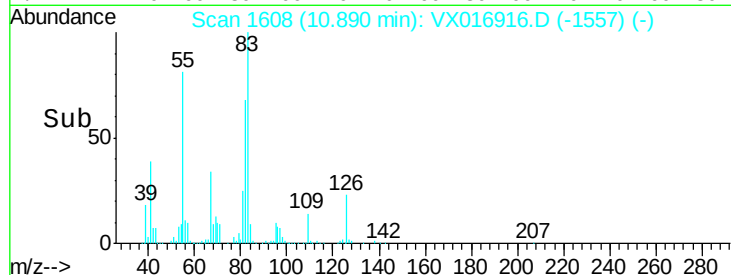
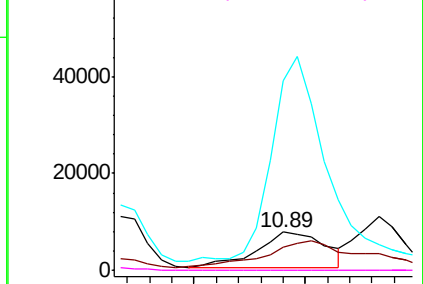


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.545 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

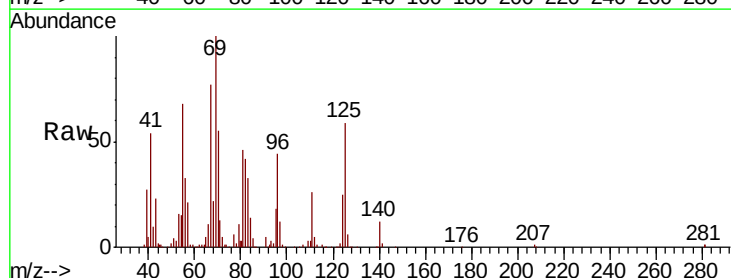
Tgt Ion: 83 Resp: 13717

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

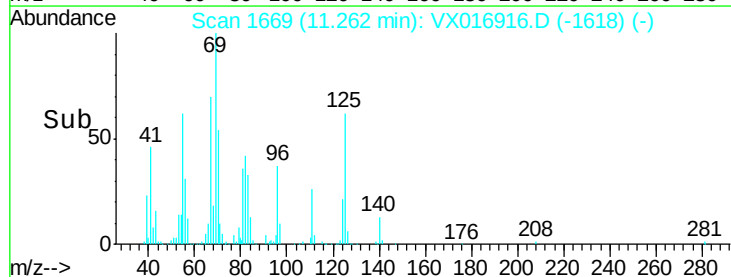
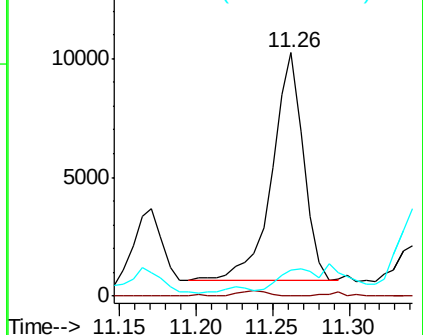
85 11.0 32.6 97.8#

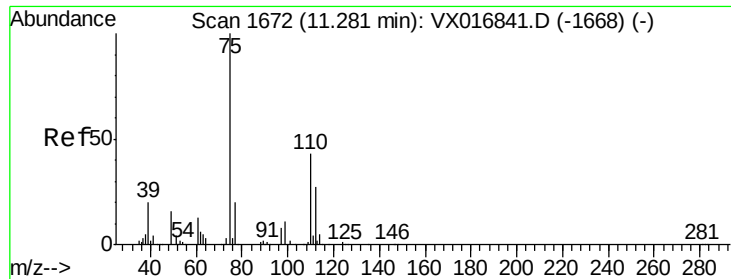


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 3.944 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

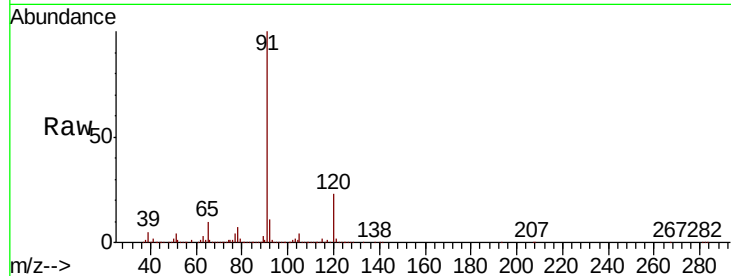
MW-4

Tot Ion: 75 Resp: 21355

Ion Ratio Lower Upper

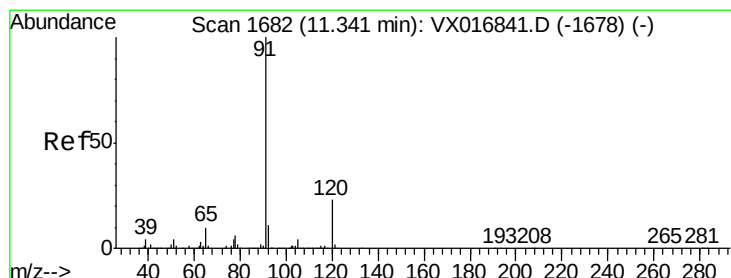
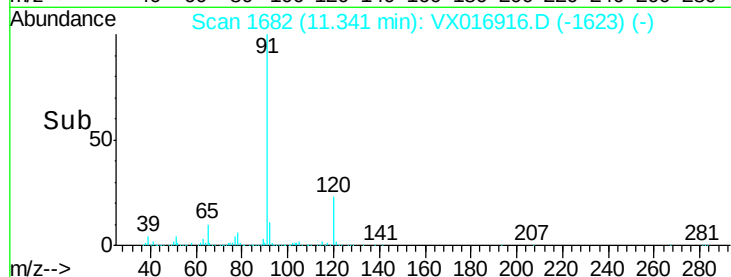
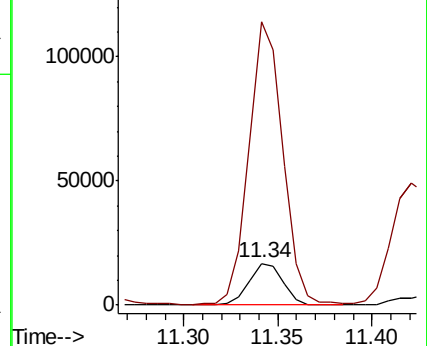
75 100

77 661.8 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 172.852 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016916.D

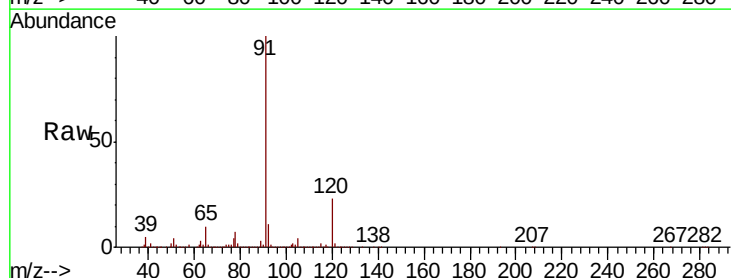
Acq: 20 Jun 2020 08:09

Tgt Ion: 91 Resp: 3681897

Ion Ratio Lower Upper

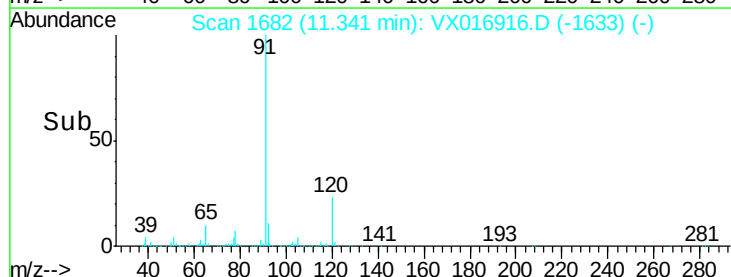
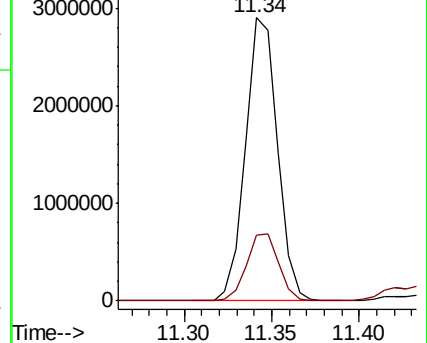
91 100

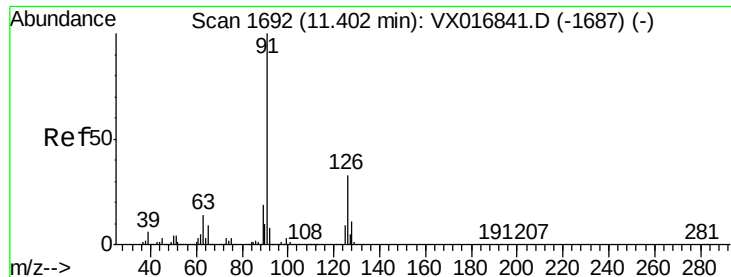
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.361 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

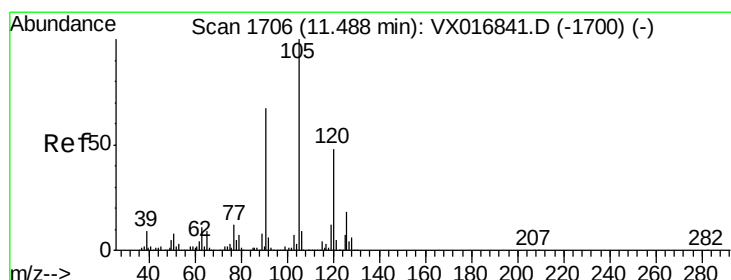
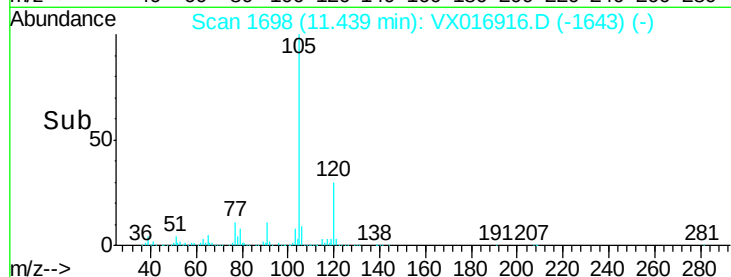
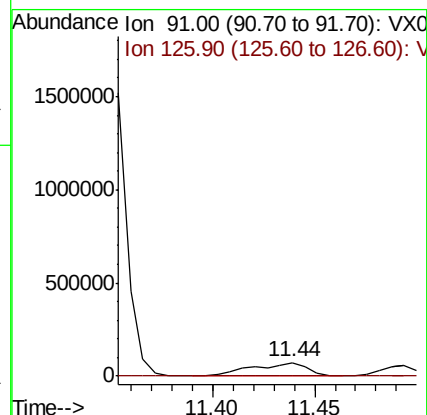
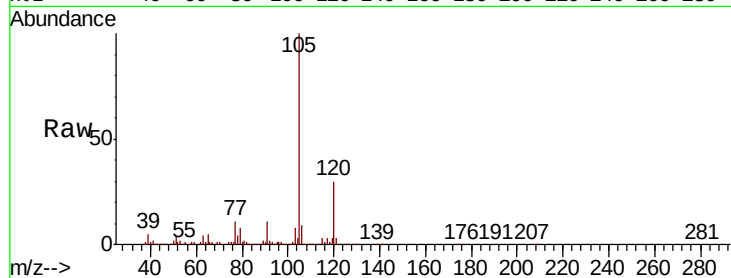
MW-4

Tot Ion: 91 Resp: 135036

Ion Ratio Lower Upper

91 100

126 0.1 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 42.147 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016916.D

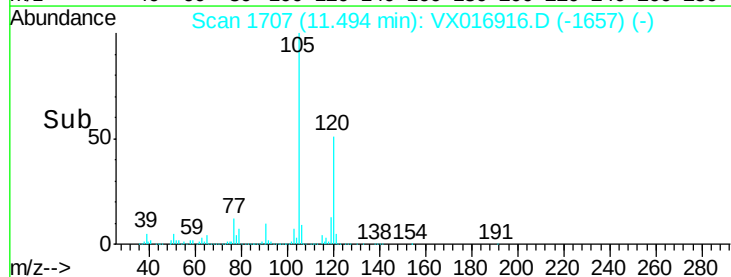
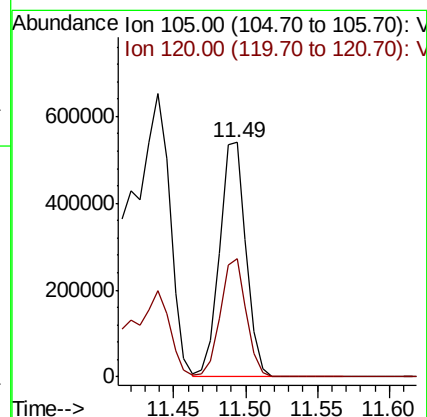
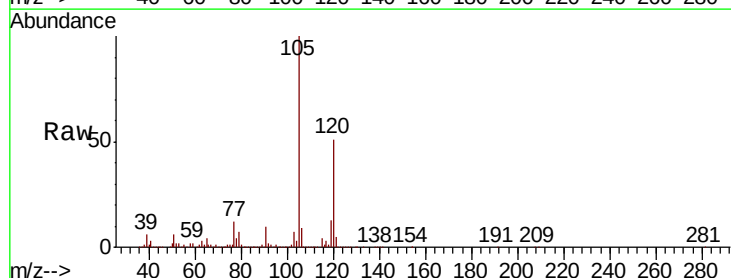
Acq: 20 Jun 2020 08:09

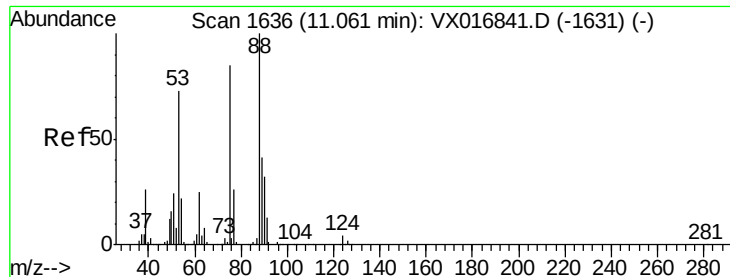
Tgt Ion: 105 Resp: 694071

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.720 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampleId :

MW-4

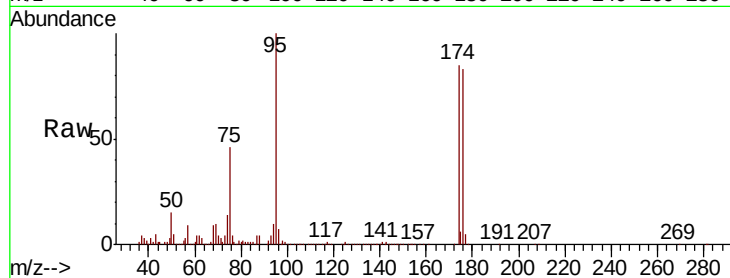
Tot Ion: 75 Resp: 116554

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

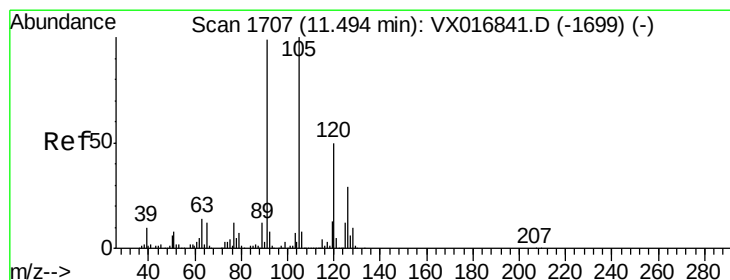
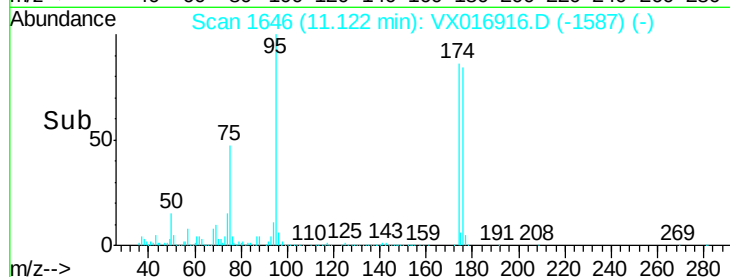
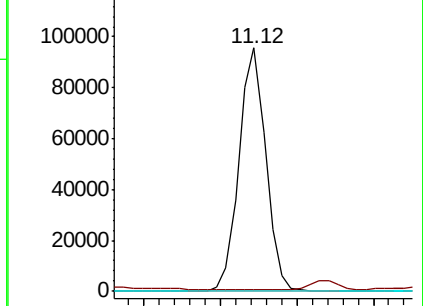
89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 8.637 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. -0.05 min

Lab File: VX016916.D

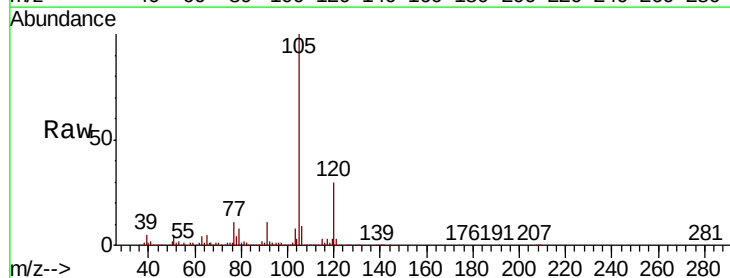
Acq: 20 Jun 2020 08:09

Tgt Ion: 91 Resp: 135036

Ion Ratio Lower Upper

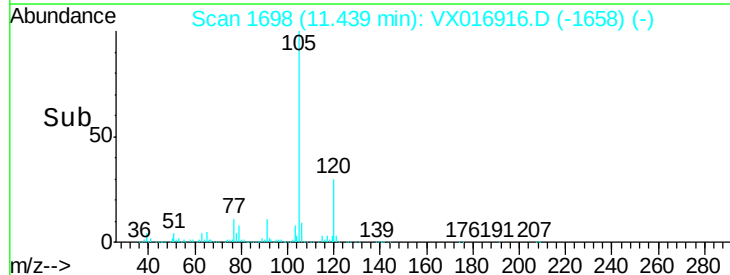
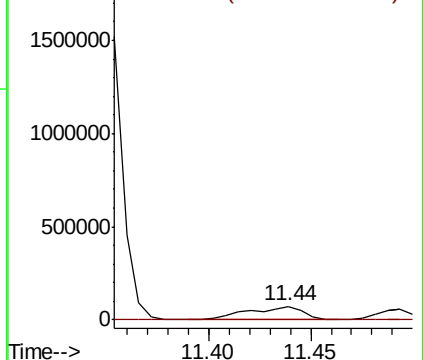
91 100

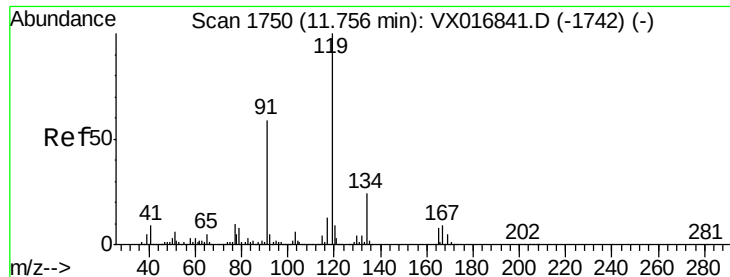
126 0.1 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 14.497 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

MW-4

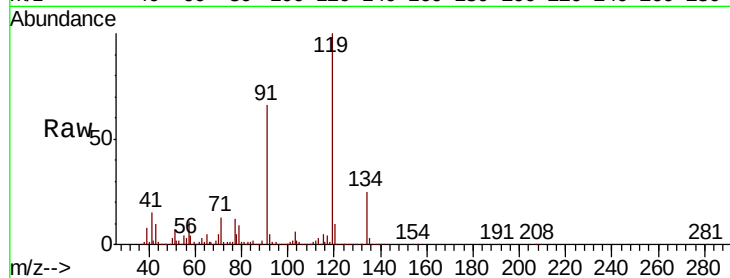
Tot Ion:119 Resp: 236208

Ion Ratio Lower Upper

119 100

91 65.6 28.5 85.5

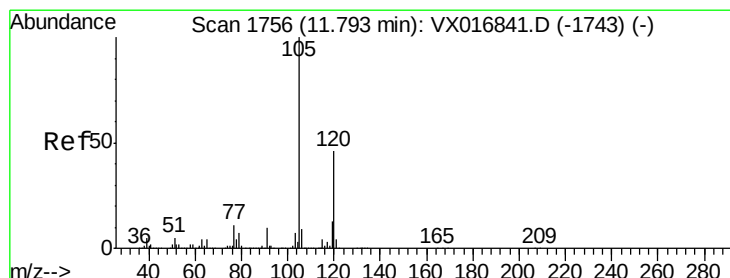
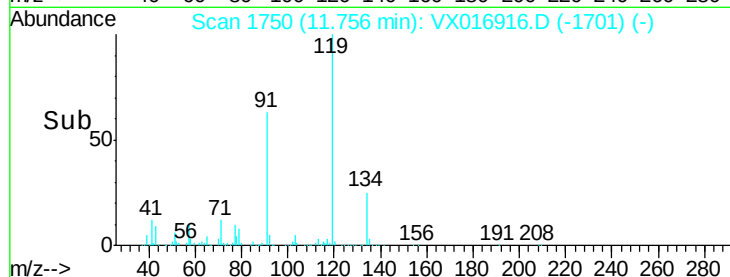
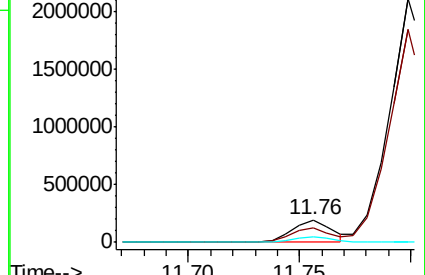
134 26.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 844.758 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016916.D

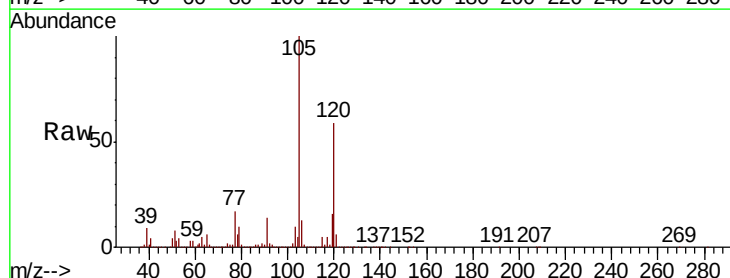
Acq: 20 Jun 2020 08:09

Tgt Ion:105 Resp:14330099

Ion Ratio Lower Upper

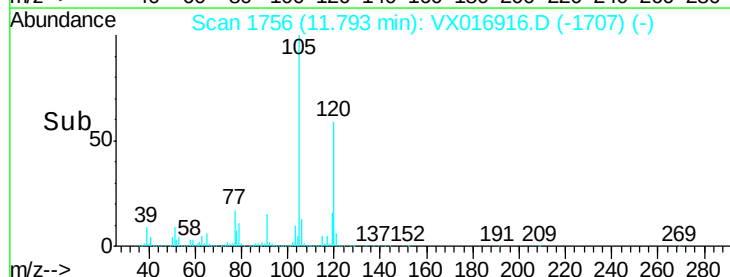
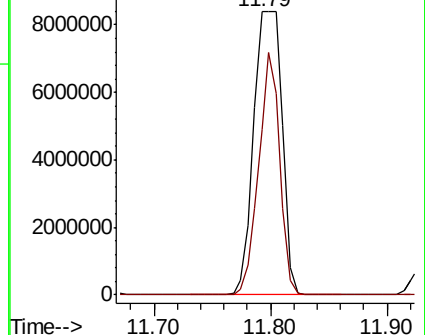
105 100

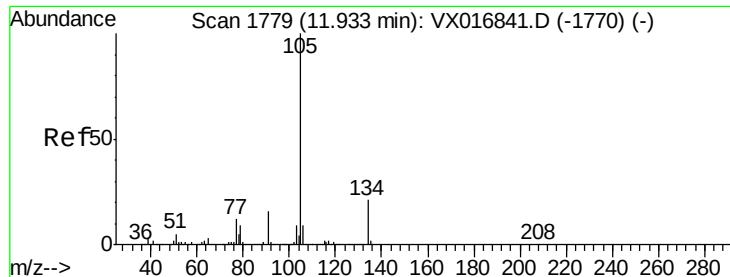
120 63.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 63.838 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

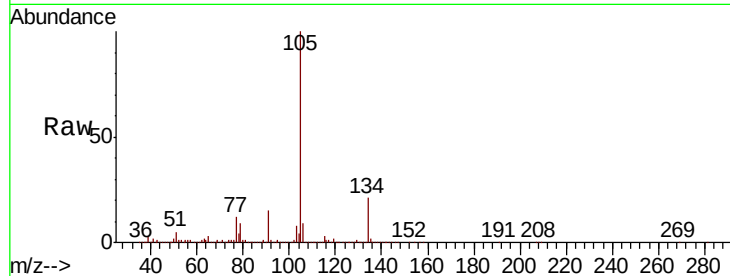
MW-4

Tot Ion:105 Resp: 1208019

Ion Ratio Lower Upper

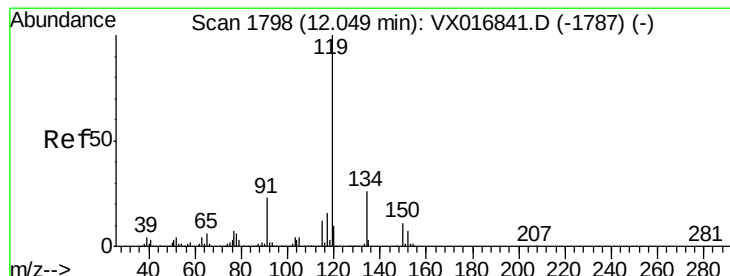
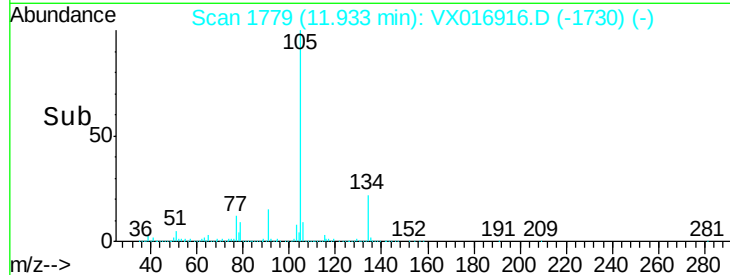
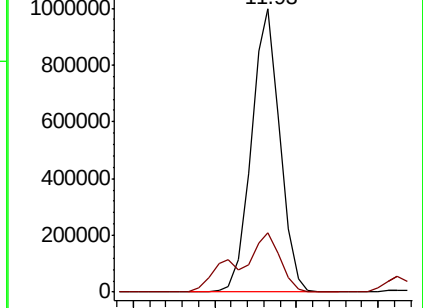
105 100

134 31.5 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 28.103 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

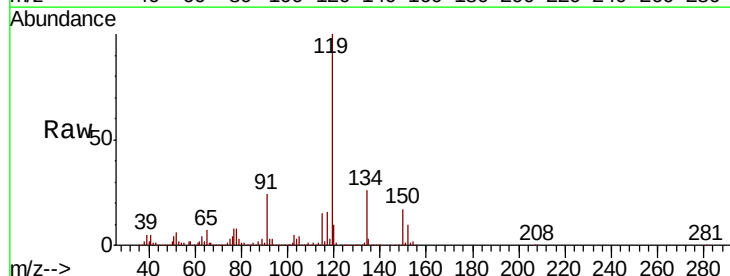
Tgt Ion:119 Resp: 487252

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

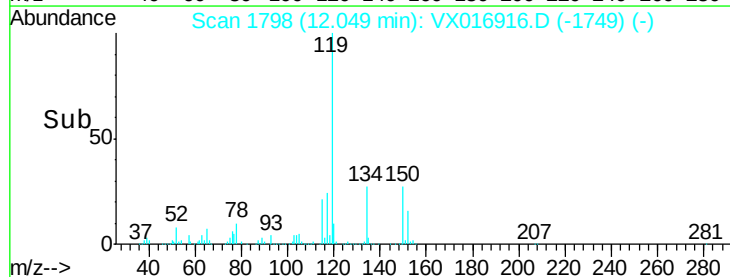
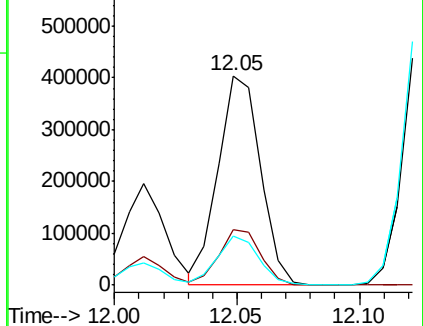
91 22.7 11.6 34.8

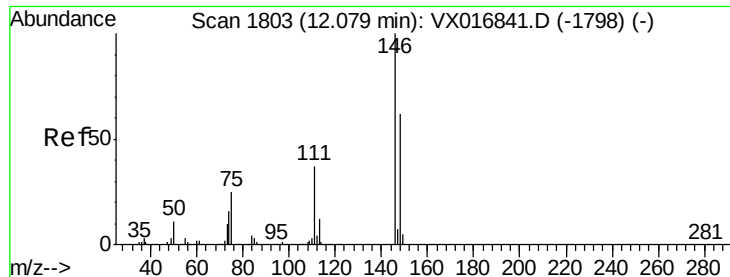


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

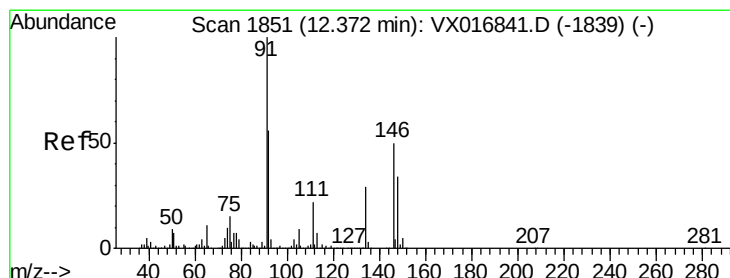
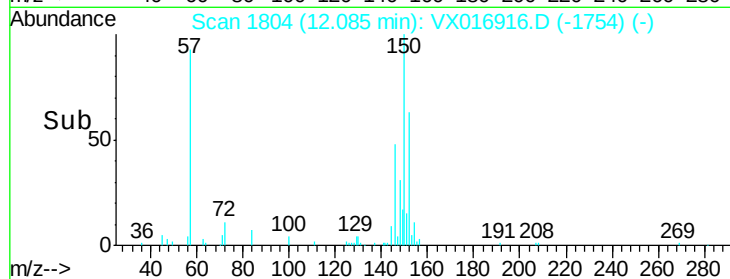
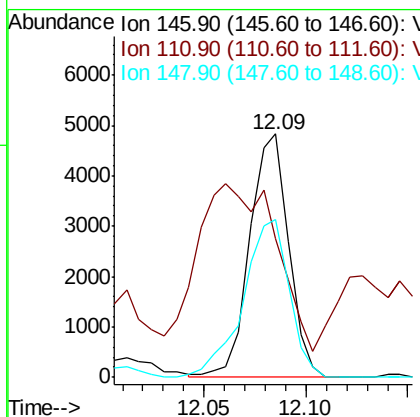
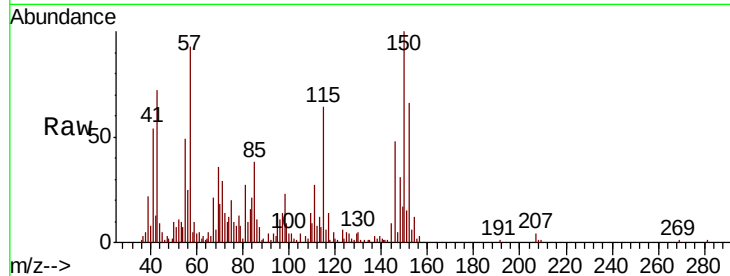




#88
 1,4-Dichlorobenzene
 Concen: 0.667 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

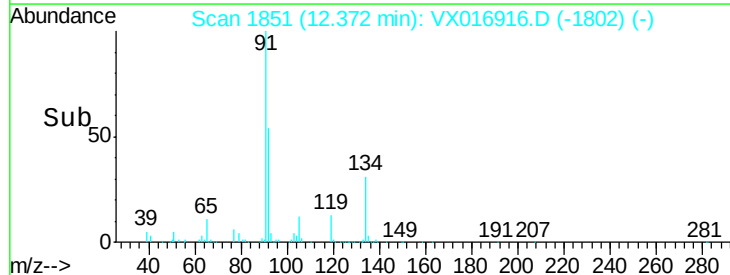
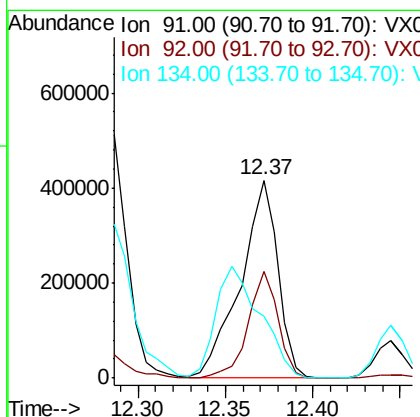
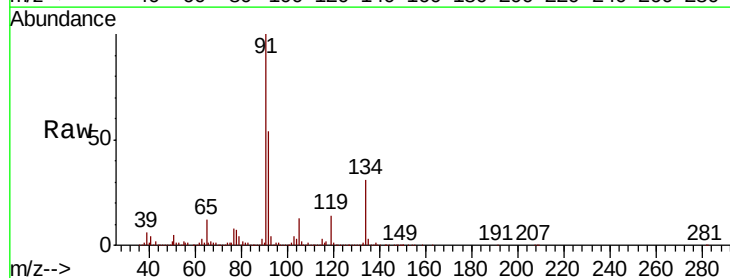
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

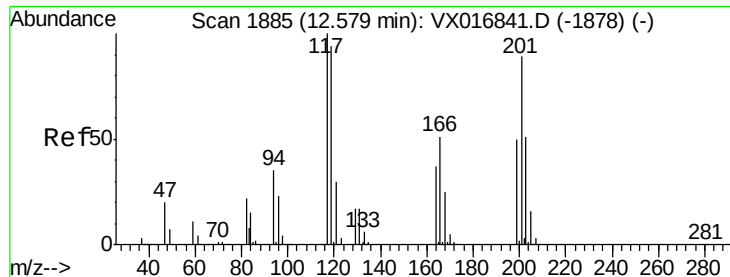
Tot Ion:146 Resp: 6415
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 77.1 31.6 95.0



#89
 n-Butylbenzene
 Concen: 41.425 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016916.D
 Acq: 20 Jun 2020 08:09

Tgt Ion: 91 Resp: 615893
 Ion Ratio Lower Upper
 91 100
 92 43.4 27.4 82.2
 134 67.7 13.9 41.6#





#90

Hexachloroethane

Concen: 36.076 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

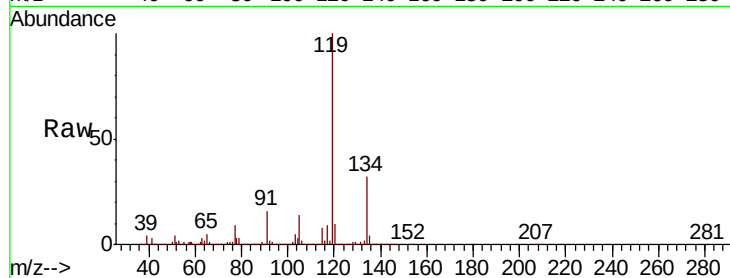
MW-4

Tot Ion:117 Resp: 112674

Ion Ratio Lower Upper

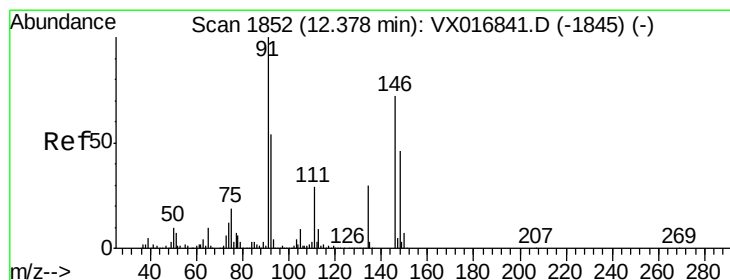
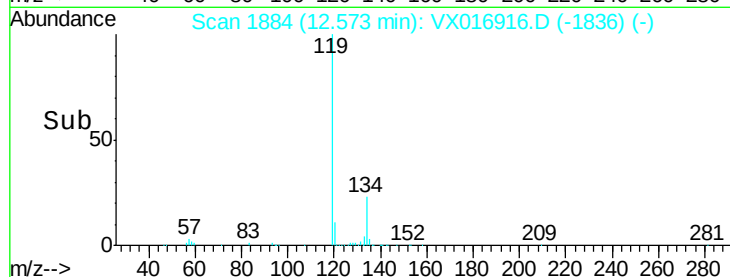
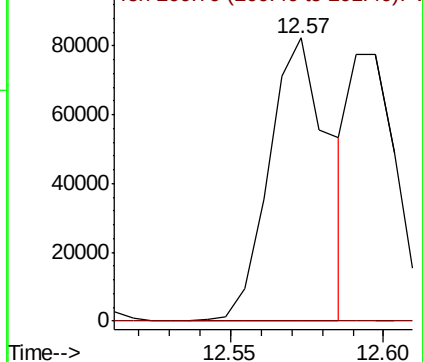
117 100

201 0.0 44.9 134.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.264 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

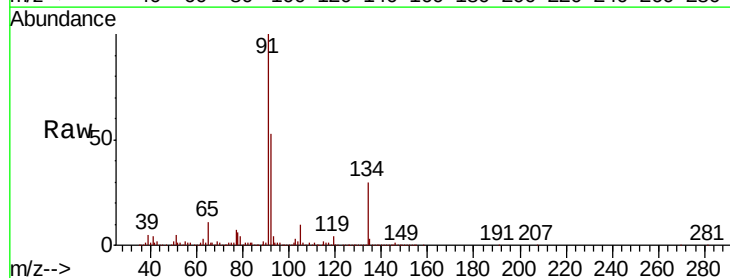
Tgt Ion:146 Resp: 2421

Ion Ratio Lower Upper

146 100

111 67.6 20.9 62.7#

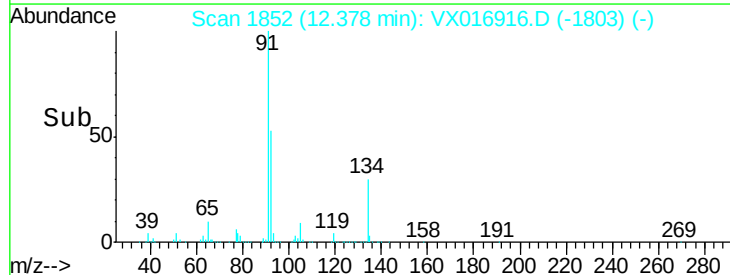
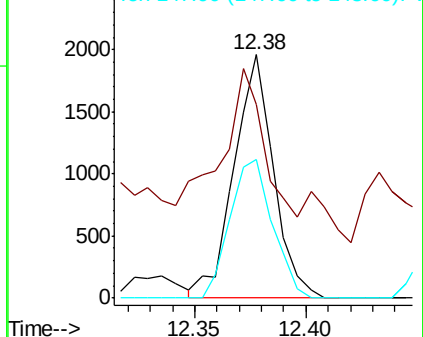
148 61.3 32.9 98.6

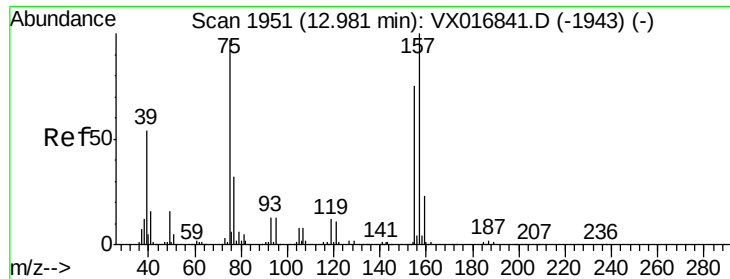


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.824 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

Instrument :

MSVOA_X

ClientSampled :

MW-4

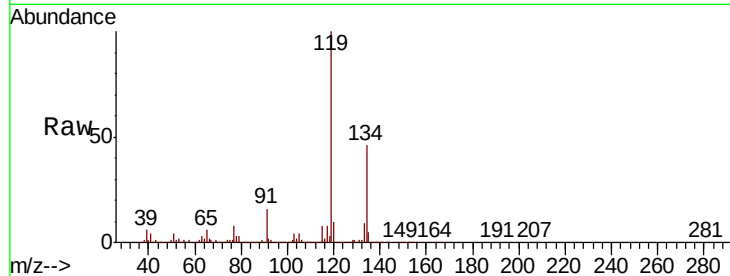
Tot Ion: 75 Resp: 6164

Ion Ratio Lower Upper

75 100

155 0.5 46.4 139.1#

157 0.4 58.6 175.8#

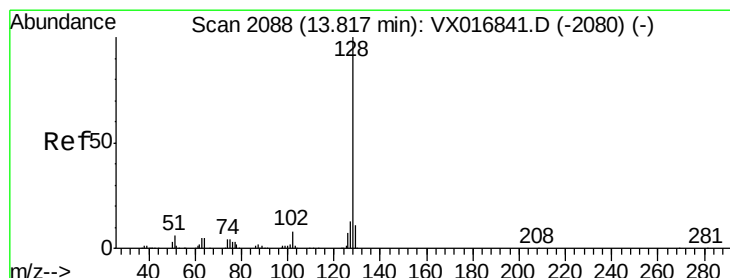
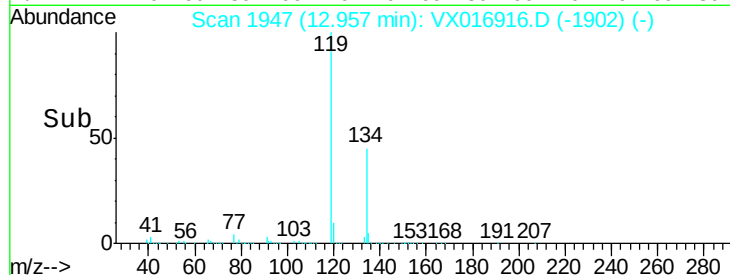


Abundance Ion 74.90 (74.60 to 75.60): VX016916.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016916.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016916.D (-1902) (-)

Time-->



#95

Naphthalene

Concen: 83.261 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016916.D

Acq: 20 Jun 2020 08:09

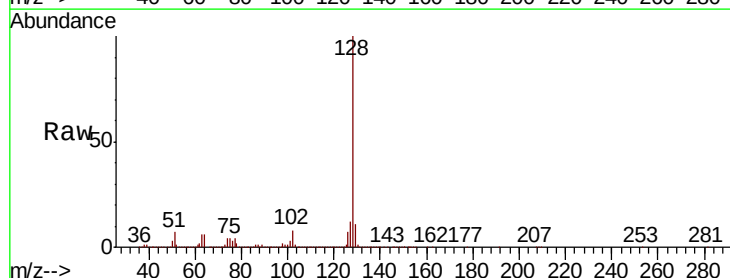
Tgt Ion: 128 Resp: 1506947

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VX016916.D (-2039) (-)

Ion 127.00 (126.70 to 127.70): VX016916.D (-2039) (-)

Ion 129.00 (128.70 to 129.70): VX016916.D (-2039) (-)

Time-->

