

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016914.D
 Acq On : 20 Jun 2020 07:24
 Operator : JC/SP
 Sample : L3066-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD_061820

Quant Time: Jun 22 01:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	528177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189411	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.47	113	160400	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.70	98	643014	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.12	95	281900	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1511	0.376	ug/l	94
11) Tert butyl alcohol	3.01	59	30753	46.807	ug/l	100
13) Acrolein	2.28	56	407	1.022	ug/l	90
16) Acetone	2.42	43	10686	7.574	ug/l	97
17) Carbon Disulfide	2.56	76	2551	0.286	ug/l	98
20) Methylene Chloride	2.84	84	906	0.268	ug/l #	73
25) 2-Butanone	4.64	43	4940	2.544	ug/l #	87
27) cis-1,2-Dichloroethene	4.57	96	55016	15.016	ug/l	91
31) Cyclohexane	5.56	56	3996	0.831	ug/l	92
36) 1,1-Dichloropropene	5.63	75	22360	4.665	ug/l #	48
38) Carbon Tetrachloride	5.63	117	29475	5.480	ug/l #	16
39) Methylcyclohexane	7.44	83	21535	3.864	ug/l	92
44) Trichloroethene	7.19	130	1946	0.442	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	3544	0.797	ug/l #	77
55) 1,1,2-Trichloroethane	9.15	97	9323	2.588	ug/l #	21
56) Ethyl methacrylate	9.15	69	2238	0.429	ug/l #	1
59) 2-Hexanone	9.49	43	792	0.246	ug/l	87
60) Dibromochloromethane	9.32	129	3761	0.870	ug/l #	11
64) Tetrachloroethene	9.32	164	4140	0.846	ug/l	99
67) Ethyl Benzene	10.24	91	2130703	118.072	ug/l	100
68) m/p-Xylenes	10.34	106	338140	48.153	ug/l	99
69) o-Xylene	10.68	106	58762	9.050	ug/l	98
70) Styrene	10.68	104	3616	0.328	ug/l #	1
73) Isopropylbenzene	11.01	105	2272872	125.853	ug/l	100
74) N-amyl acetate	10.90	43	16210	2.570	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.44	83	3148	0.617	ug/l	67
76) 1,2,3-Trichloropropane	11.34	75	24401	4.763	ug/l #	1
78) n-propylbenzene	11.35	91	4113349	204.085	ug/l	100
79) 2-Chlorotoluene	11.44	91	149724	12.141	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	763375	48.991	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	134591	64.339	ug/l #	14
82) 4-Chlorotoluene	11.44	91	149724	10.120	ug/l #	45
83) tert-Butylbenzene	11.76	119	278993	18.096	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	14371755	895.375	ug/l	76

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QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

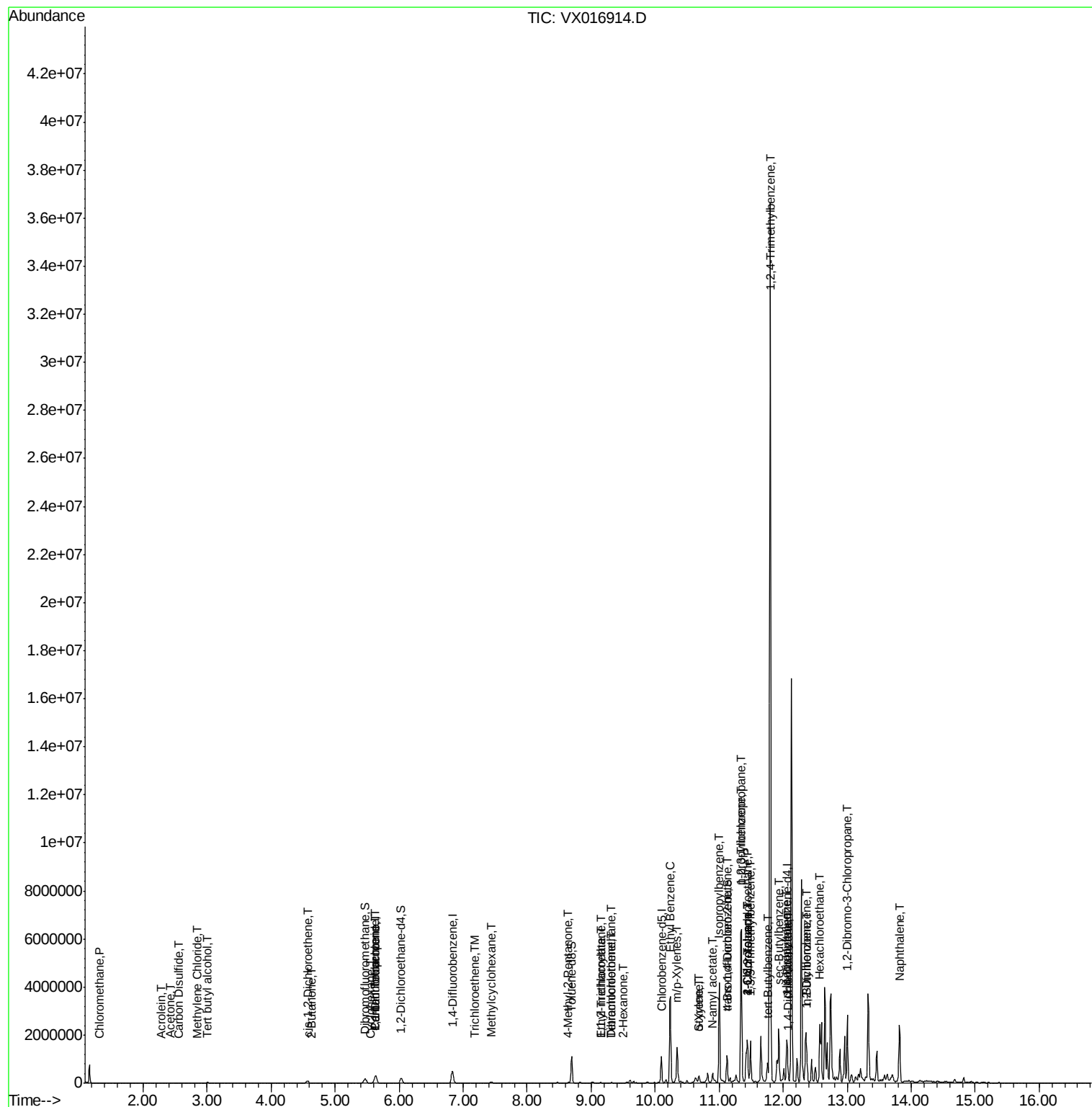
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.93	105	1164485	65.035	uq/l	79
86) p-Isopropyltoluene	12.05	119	453942	27.670	uq/l	99
88) 1,4-Dichlorobenzene	12.08	146	6072	0.667	uq/l #	64
89) n-Butylbenzene	12.37	91	543189	38.611	uq/l #	64
90) Hexachloroethane	12.57	117	105536	35.712	uq/l #	5
91) 1,2-Dichlorobenzene	12.38	146	2131	0.245	uq/l #	72
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8133	6.726	uq/l #	1
95) Naphthalene	13.82	128	1432981	83.675	uq/l	99

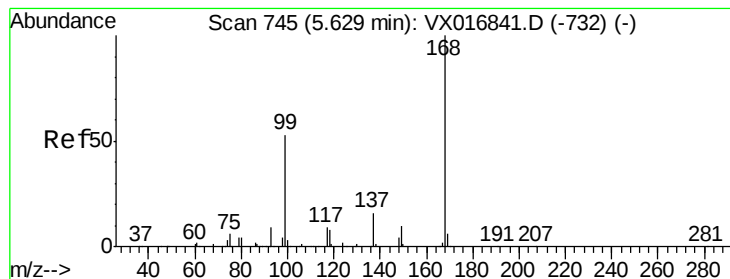
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

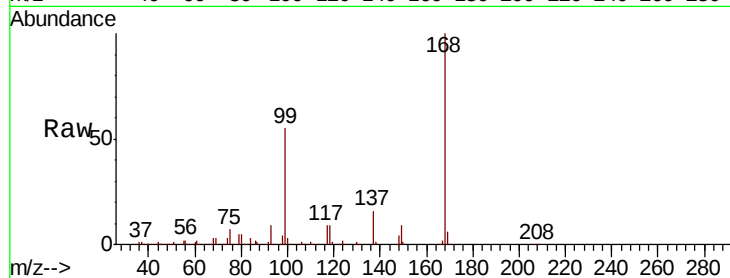
FD_061820

Tot Ion:168 Resp: 323153

Ion Ratio Lower Upper

168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

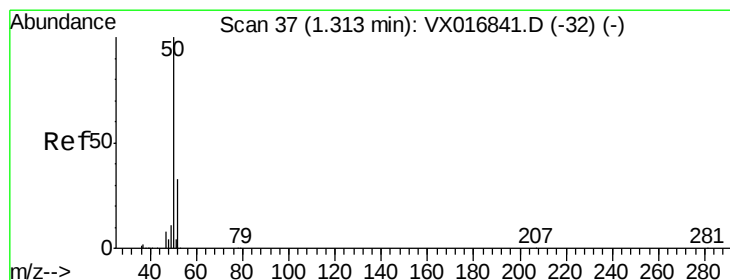
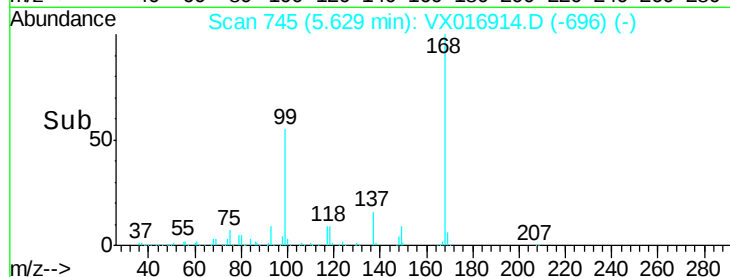
100000

50000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 0.376 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016914.D

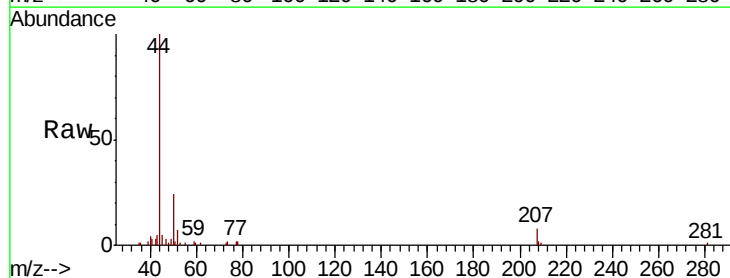
Acq: 20 Jun 2020 07:24

Tgt Ion: 50 Resp: 1511

Ion Ratio Lower Upper

50 100

52 29.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1500

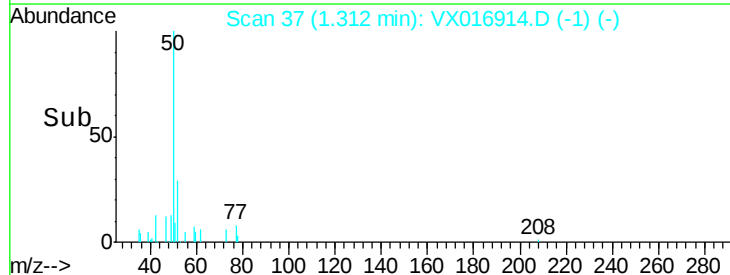
1000

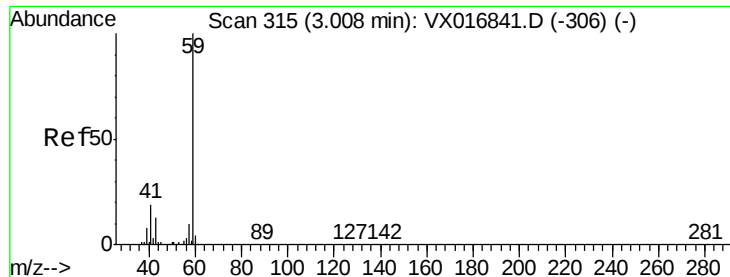
500

0

Time-->

1.25 1.30 1.35

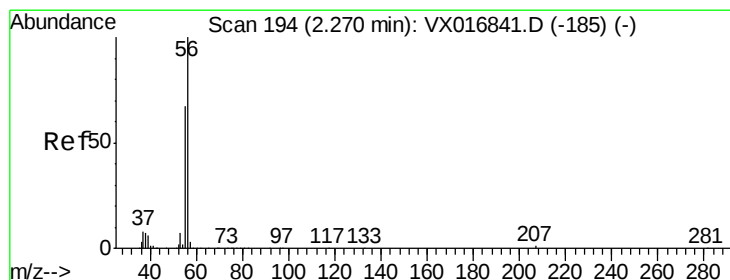
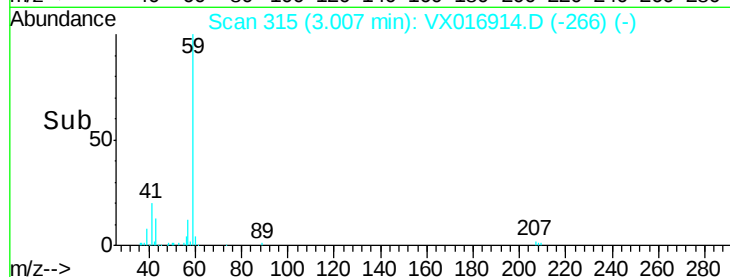
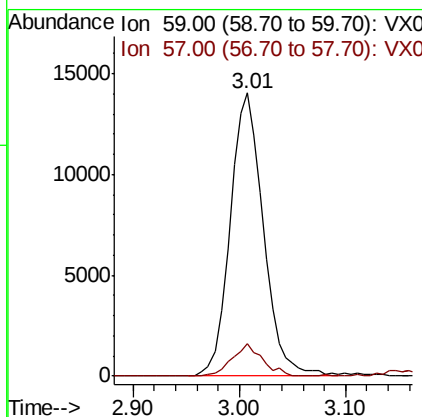
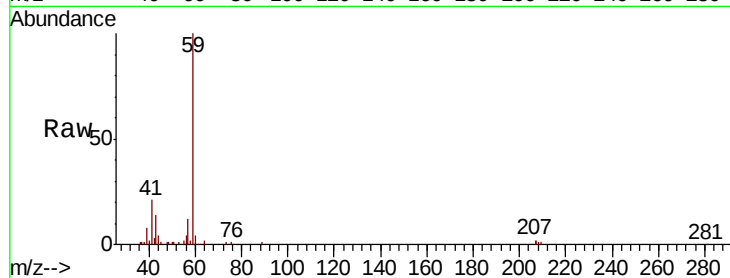




#11
Tert butyl alcohol
Concen: 46.807 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

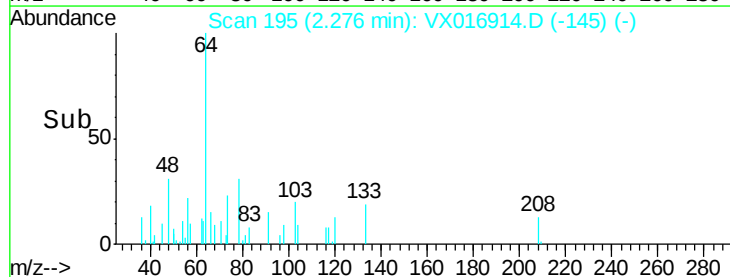
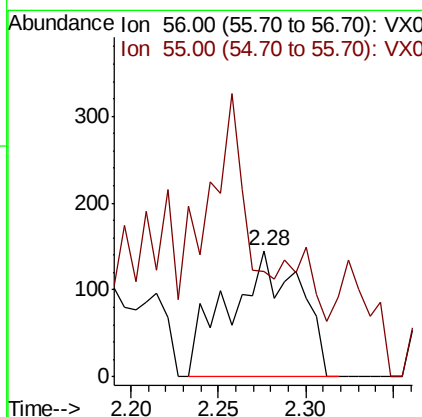
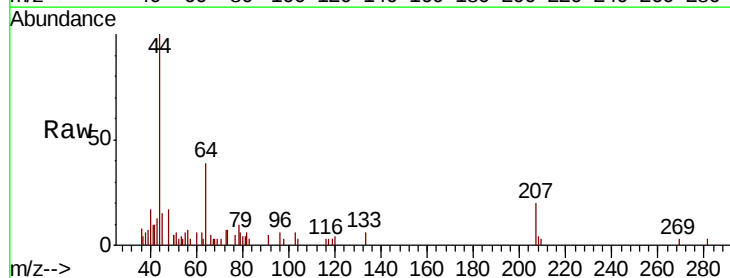
Instrument :
MSVOA_X
ClientSampleId :
FD_061820

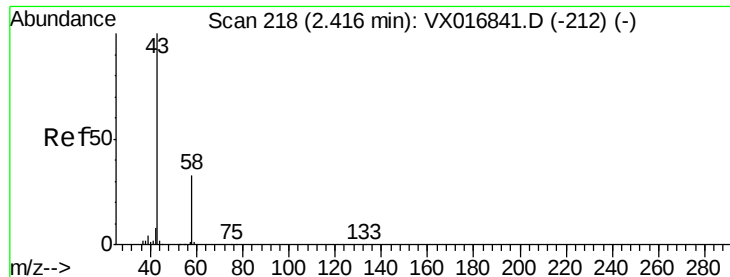
Tot Ion: 59 Resp: 30753
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#13
Acrolein
Concen: 1.022 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt Ion: 56 Resp: 407
Ion Ratio Lower Upper
56 100
55 78.1 55.7 83.5





#16

Acetone

Concen: 7.574 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

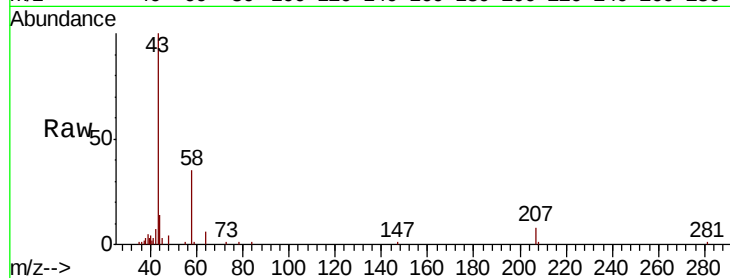
FD_061820

Tot Ion: 43 Resp: 10686

Ion Ratio Lower Upper

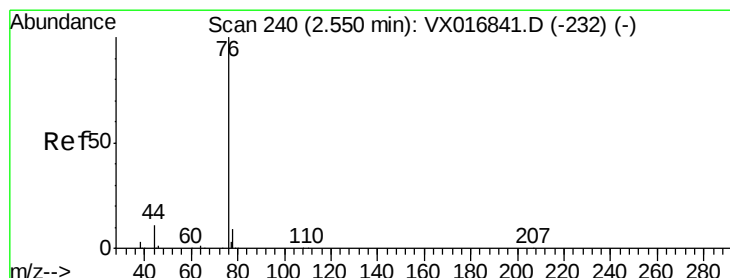
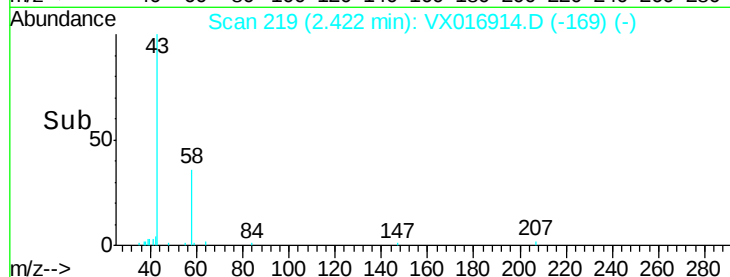
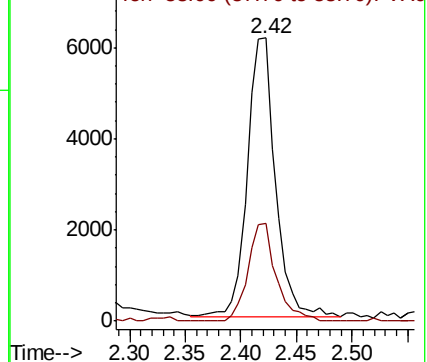
43 100

58 35.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016914.D

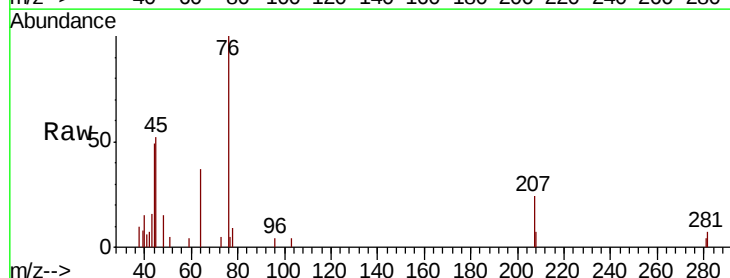
Acq: 20 Jun 2020 07:24

Tgt Ion: 76 Resp: 2551

Ion Ratio Lower Upper

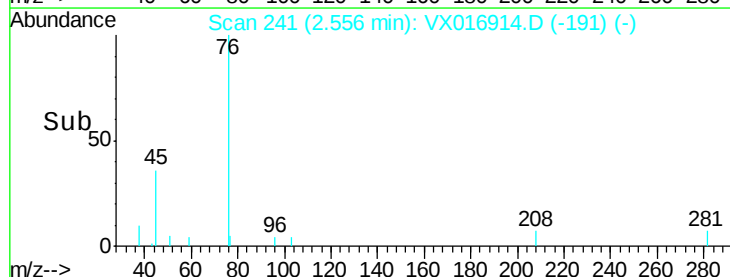
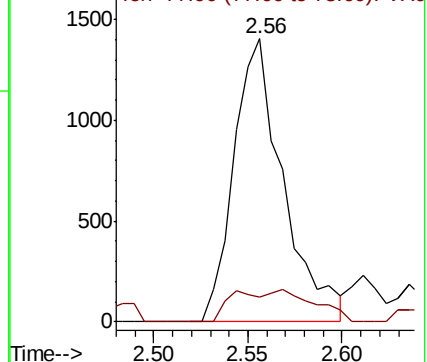
76 100

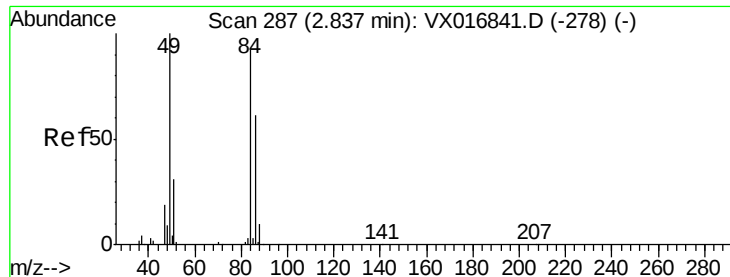
78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

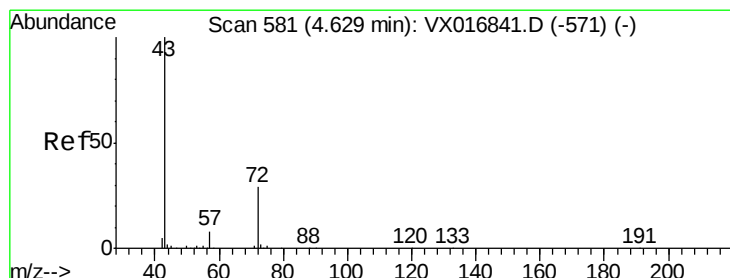
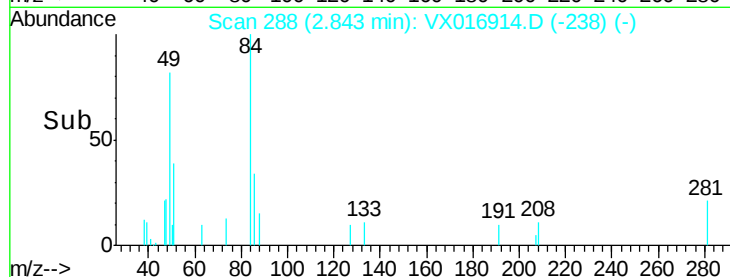
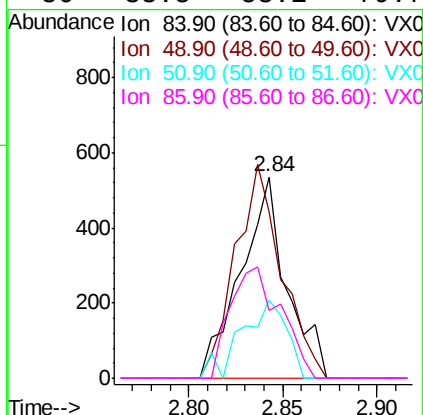
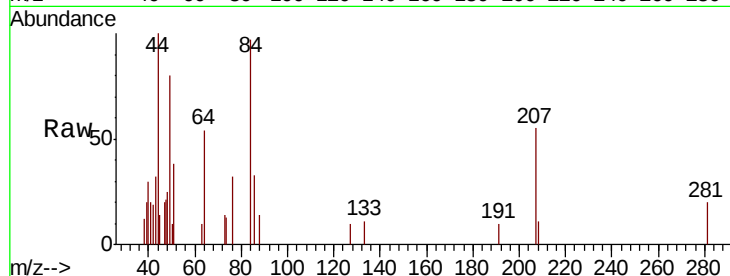




#20
Methvlene Chloride
Concen: 0.268 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

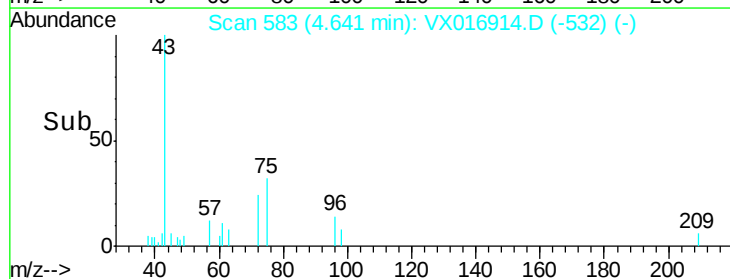
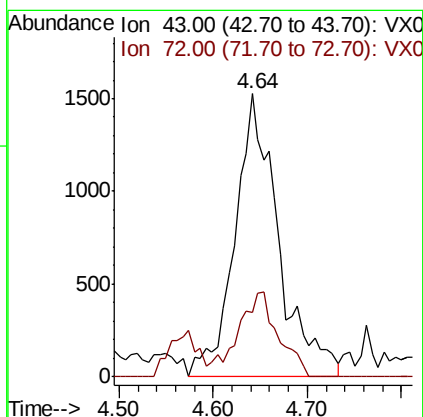
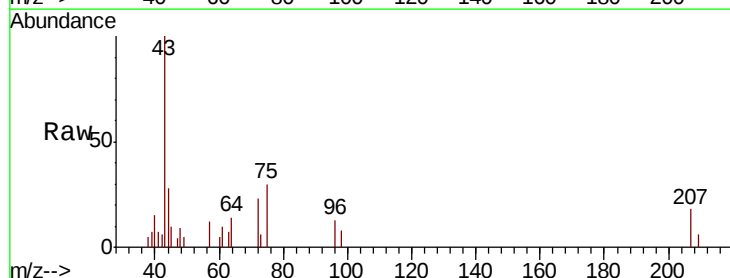
Instrument :
MSVOA_X
ClientSampled :
FD_061820

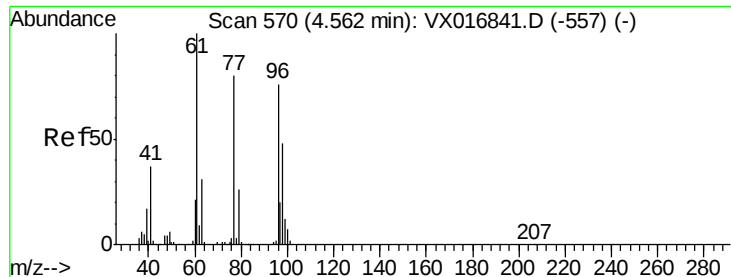
Tot Ion: 84 Resp: 906
Ion Ratio Lower Upper
84 100
49 82.4 86.6 129.8#
51 38.7 27.1 40.7
86 33.8 53.1 79.7#



#25
2-Butanone
Concen: 2.544 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt Ion: 43 Resp: 4940
Ion Ratio Lower Upper
43 100
72 22.6 23.5 35.3#



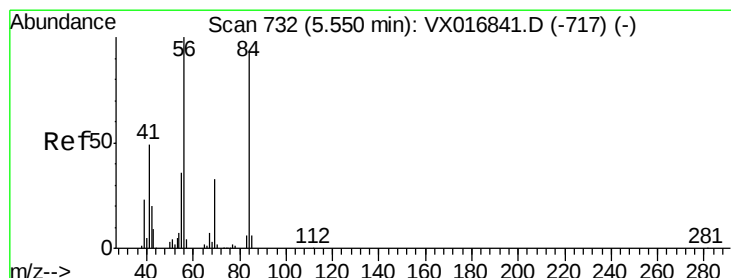
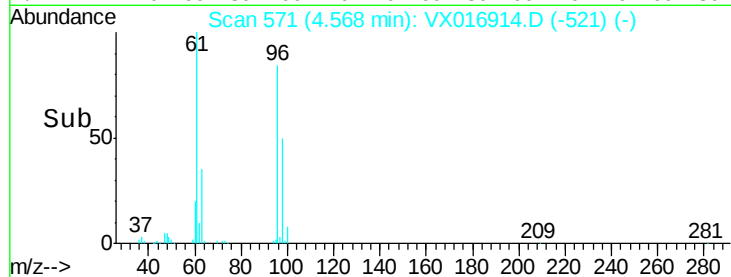
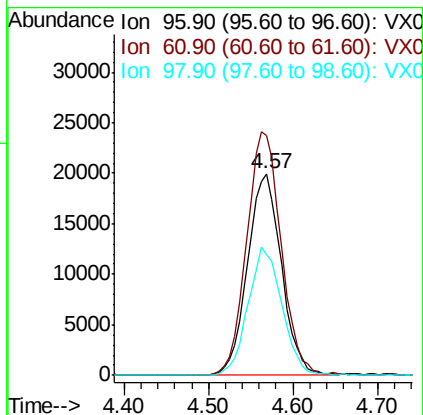
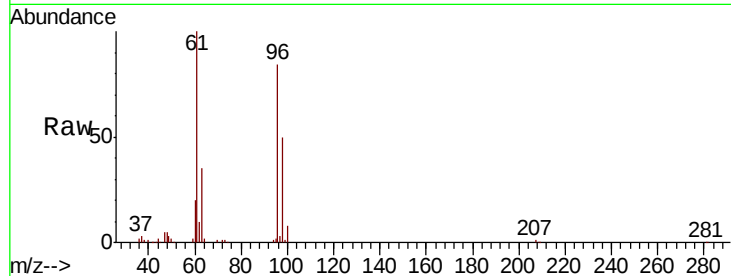


#27

cis-1,2-Dichloroethene
 Concen: 15.016 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FD_061820

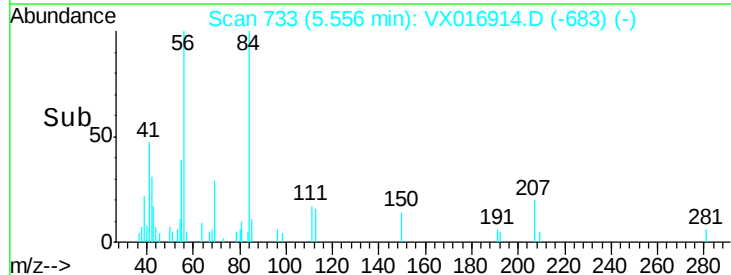
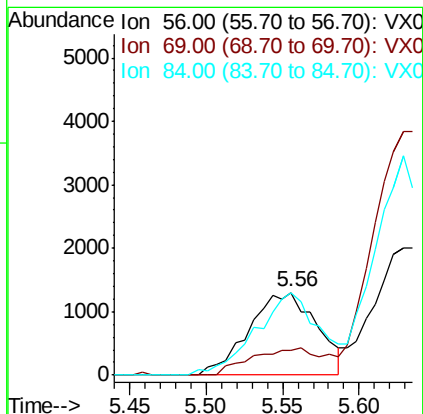
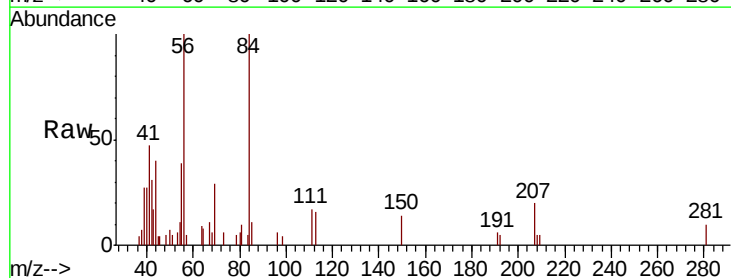
Tot Ion	96	Resp	55016
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	273.8
98	63.4	0.0	129.0

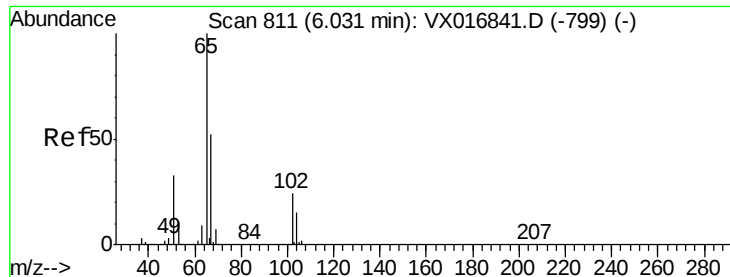


#31

Cyclohexane
 Concen: 0.831 ug/l
 RT: 5.56 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

Tgt Ion	56	Resp	3996
Ion	Ratio	Lower	Upper
56	100		
69	29.3	26.1	39.1
84	99.8	73.0	109.6





#33

1,2-Dichloroethane-d4

Concen: 48.736 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

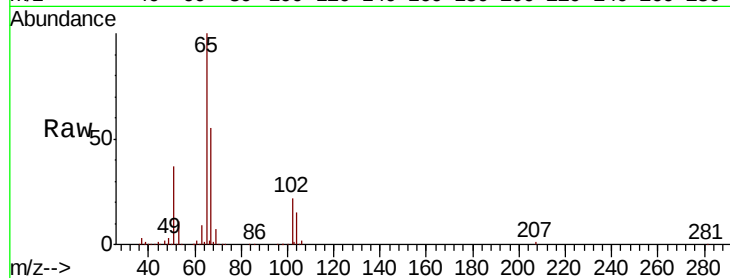
FD_061820

Tot Ion: 65 Resp: 189411

Ion Ratio Lower Upper

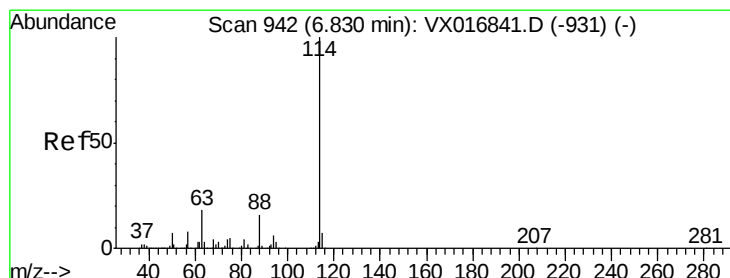
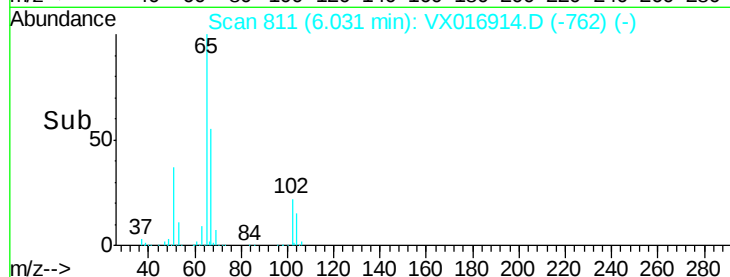
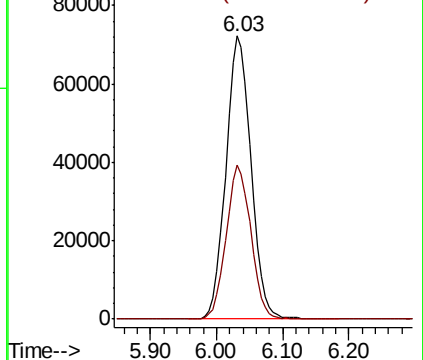
65 100

67 53.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

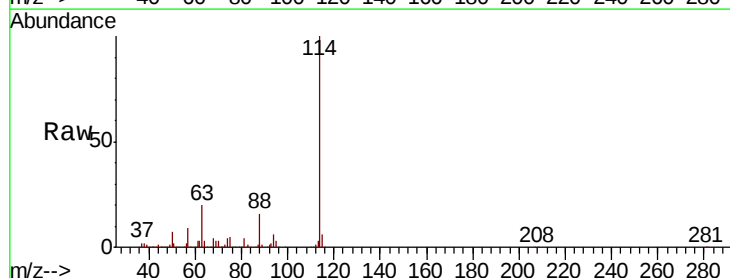
Tgt Ion: 114 Resp: 519139

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

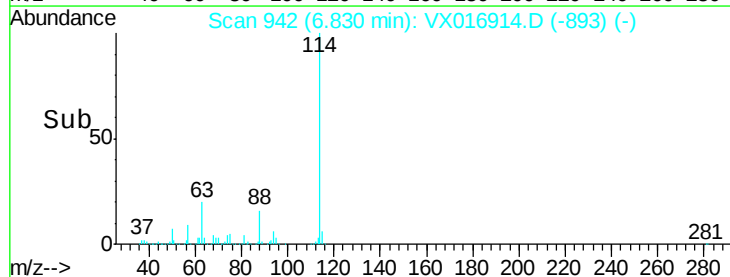
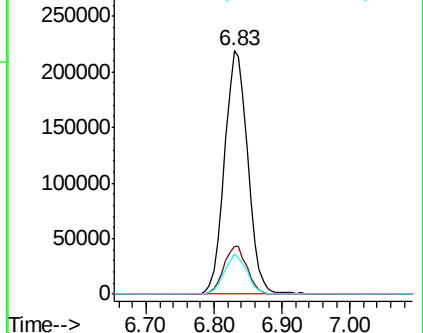
88 16.4 0.0 32.0

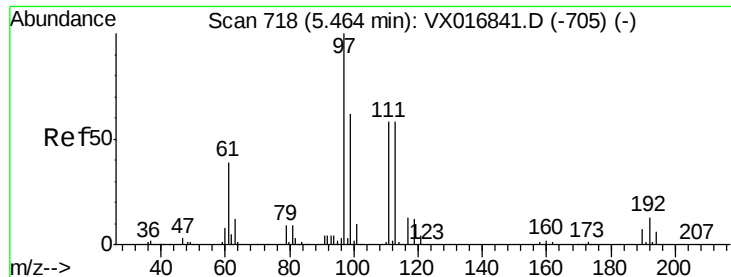


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

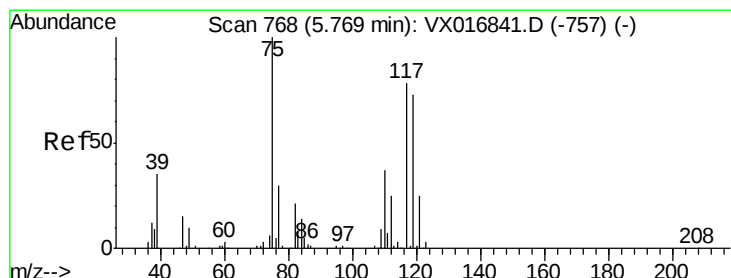
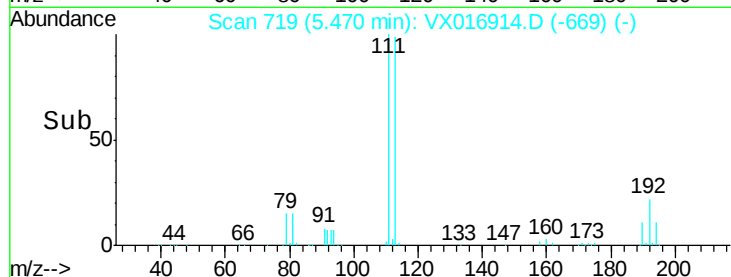
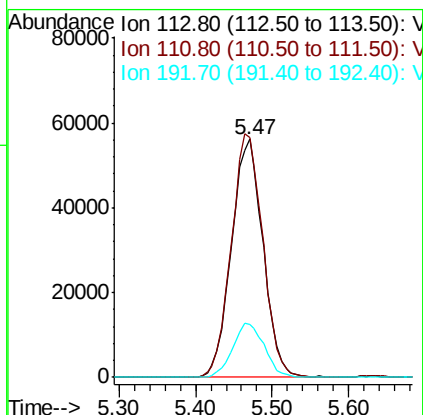
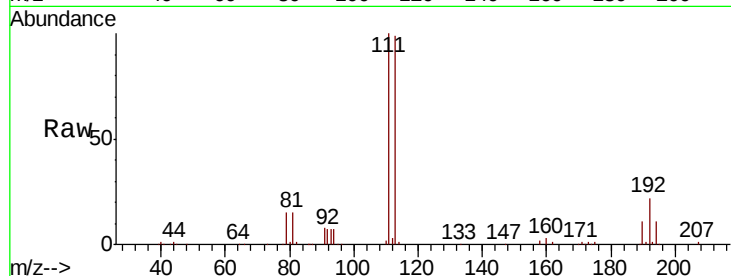




#35
Dibromofluoromethane
Concen: 48.300 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

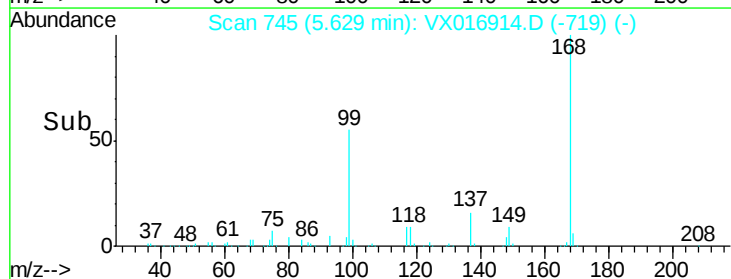
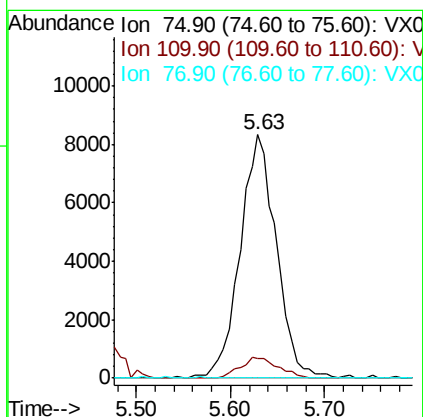
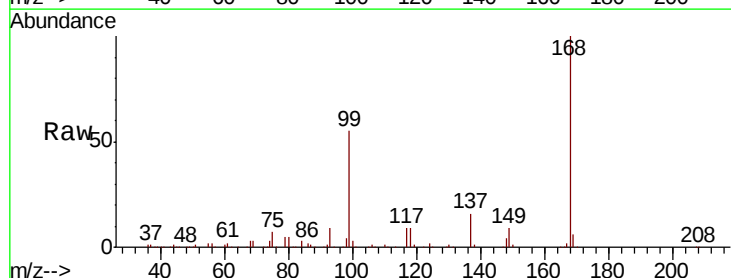
Instrument :
MSVOA_X
ClientSampleId :
FD_061820

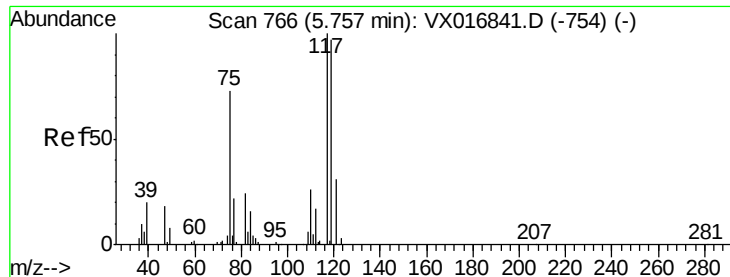
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	22.7	18.5	27.7



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.9	56.9#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 5.480 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampled :

FD_061820

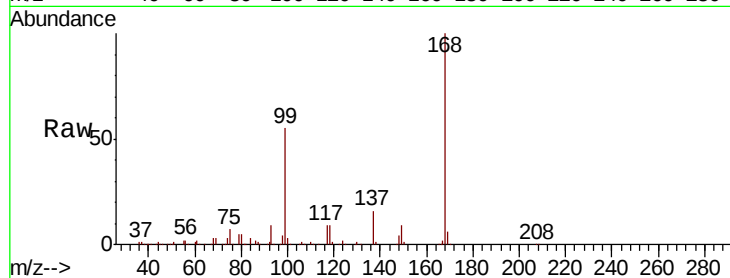
Tot Ion:117 Resp: 29475

Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.2#

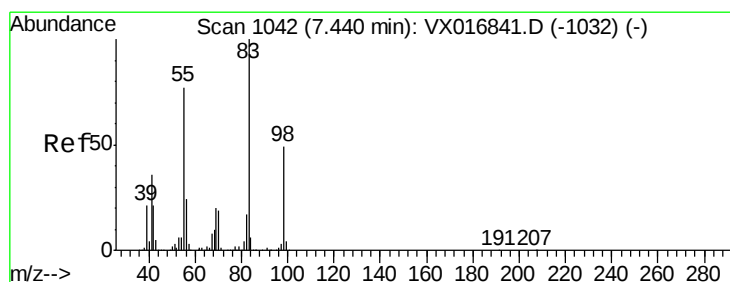
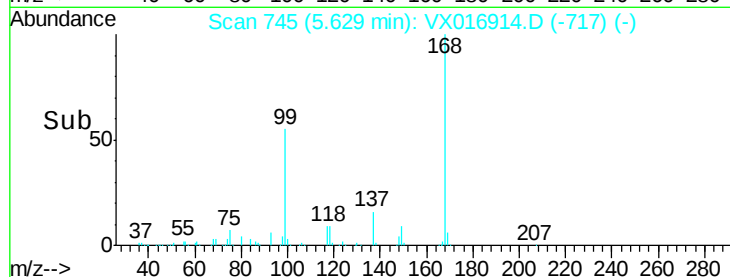
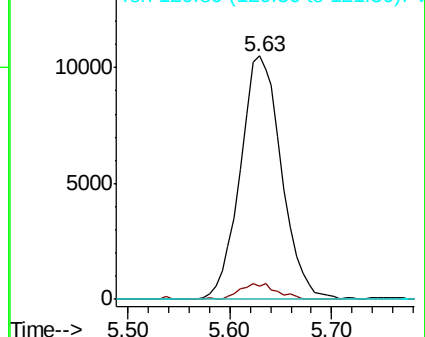
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3.864 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

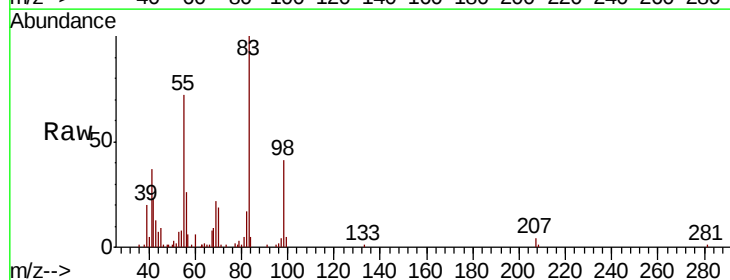
Tgt Ion: 83 Resp: 21535

Ion Ratio Lower Upper

83 100

55 71.8 61.7 92.5

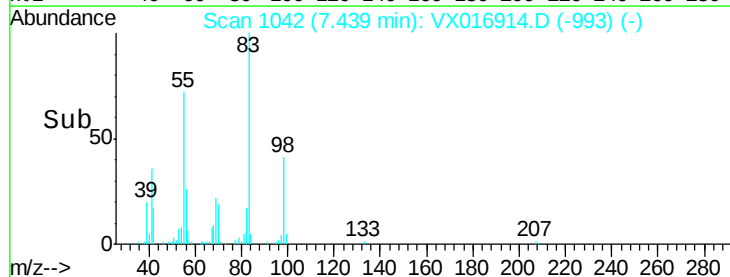
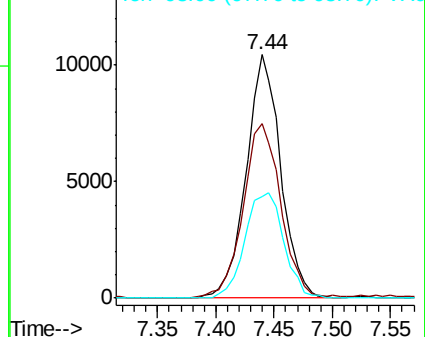
98 41.5 39.0 58.6

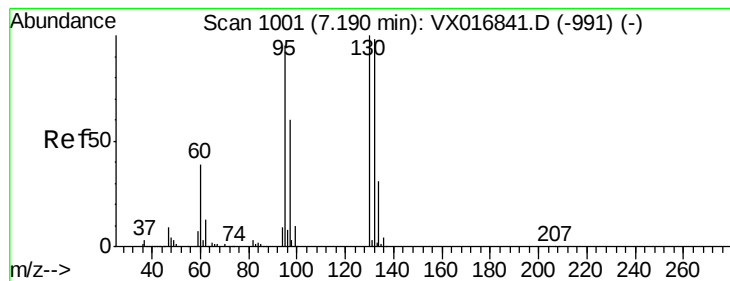


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.442 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampled :

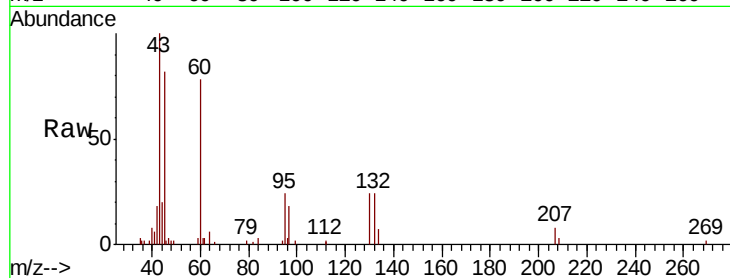
FD_061820

Tot Ion:130 Resp: 1946

Ion Ratio Lower Upper

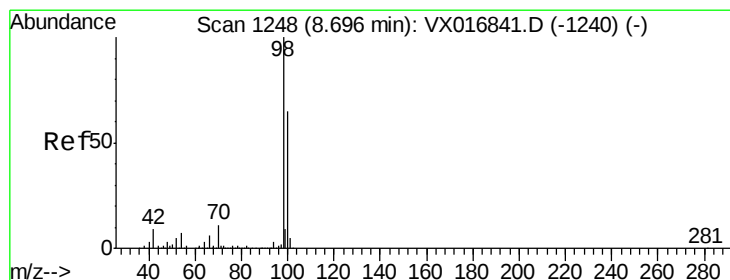
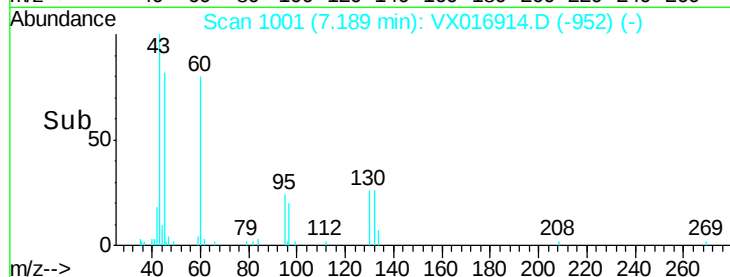
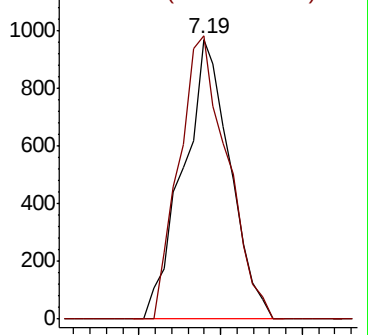
130 100

95 101.2 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: 48.396 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016914.D

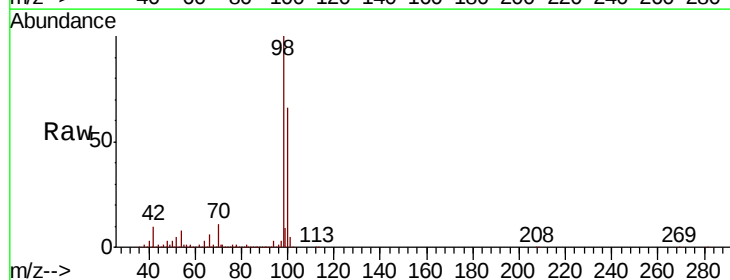
Acq: 20 Jun 2020 07:24

Tgt Ion: 98 Resp: 643014

Ion Ratio Lower Upper

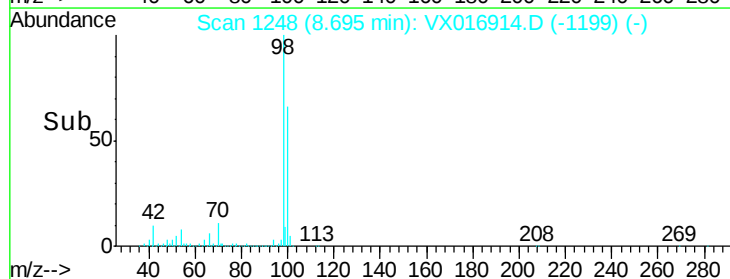
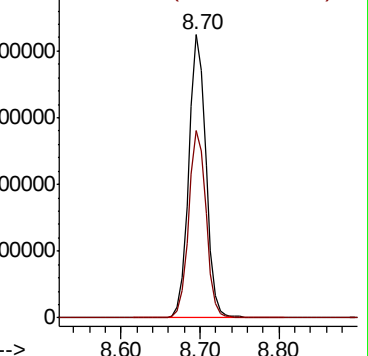
98 100

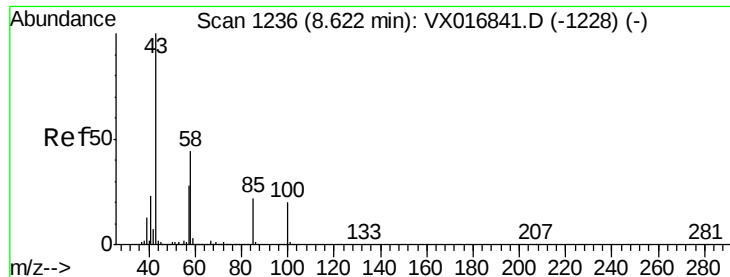
100 67.0 54.0 81.0



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: 0.797 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

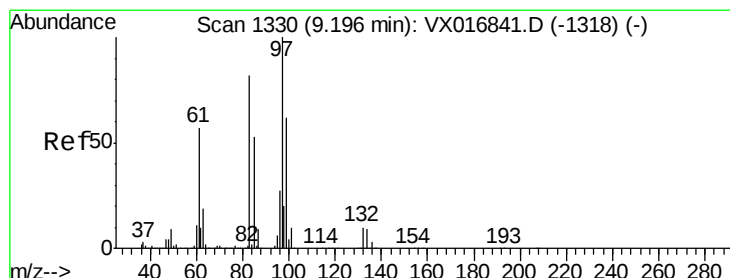
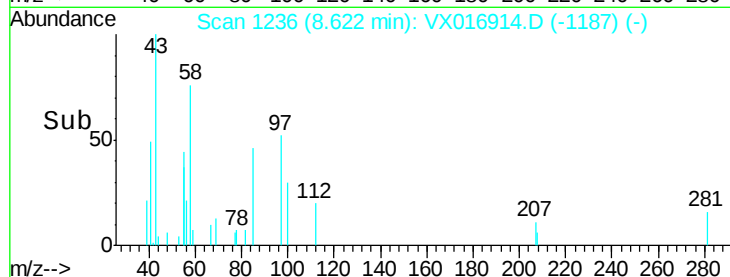
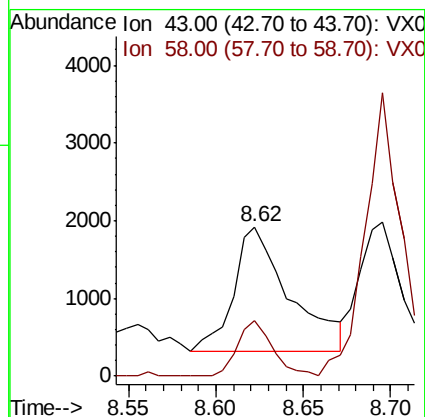
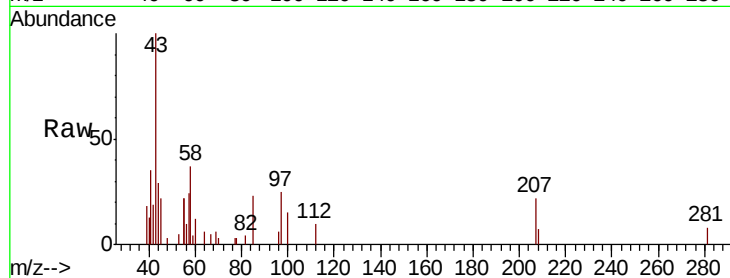
FD_061820

Tot Ion: 43 Resp: 3544

Ion Ratio Lower Upper

43 100

58 28.2 34.3 51.5#



#55

1,1,2-Trichloroethane

Concen: 2.588 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Tgt Ion: 97 Resp: 9323

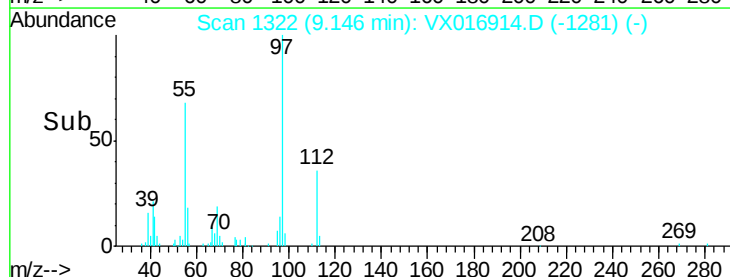
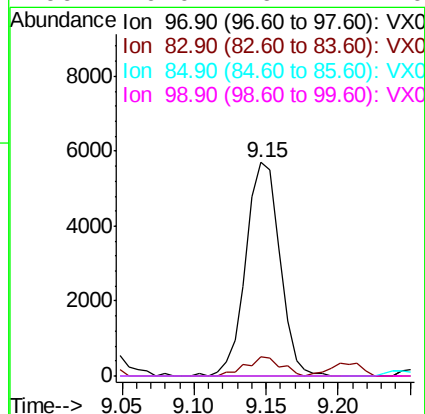
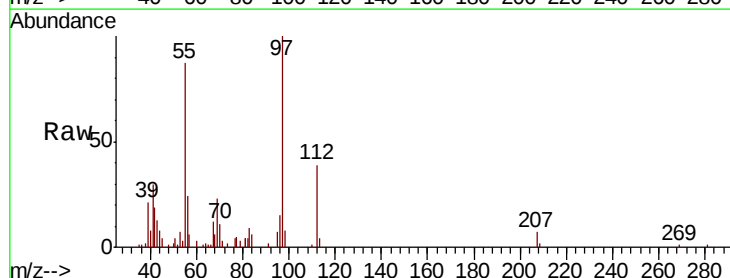
Ion Ratio Lower Upper

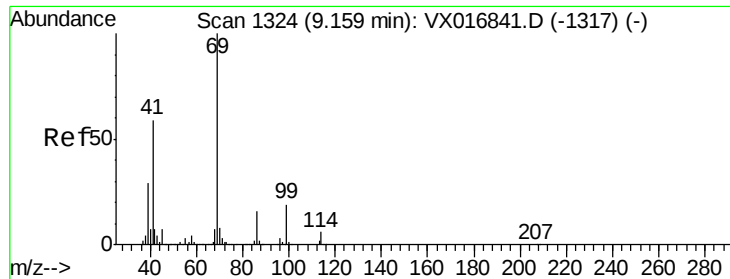
97 100

83 8.8 65.5 98.3#

85 0.0 42.6 63.8#

99 0.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 0.429 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

FD_061820

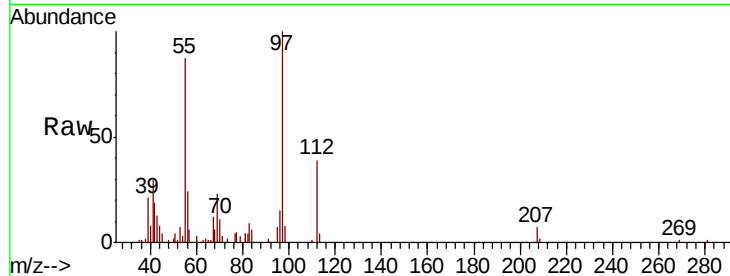
Tot Ion: 69 Resp: 2238

Ion Ratio Lower Upper

69 100

41 138.0 47.9 71.9#

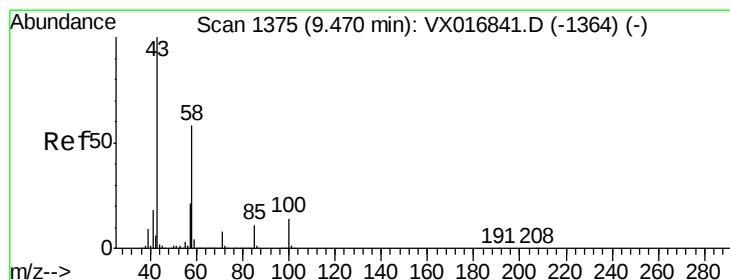
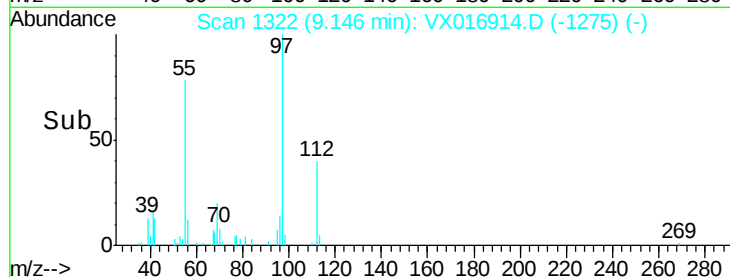
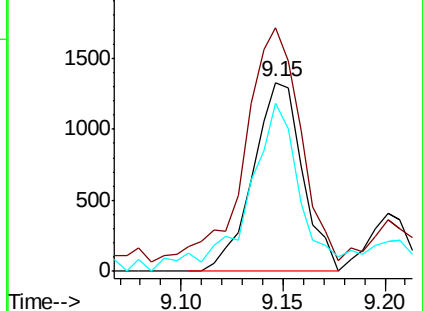
39 94.2 24.2 36.4#



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: 0.246 ug/l

RT: 9.49 min Scan# 1379

Delta R.T. 0.02 min

Lab File: VX016914.D

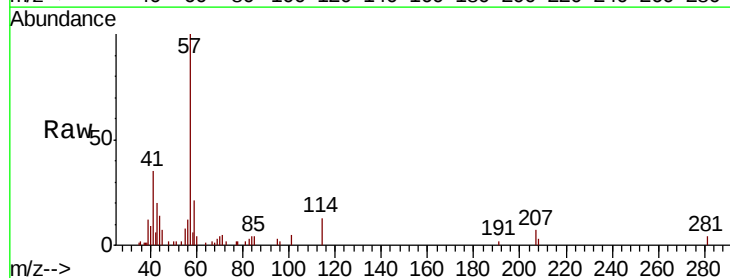
Acq: 20 Jun 2020 07:24

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

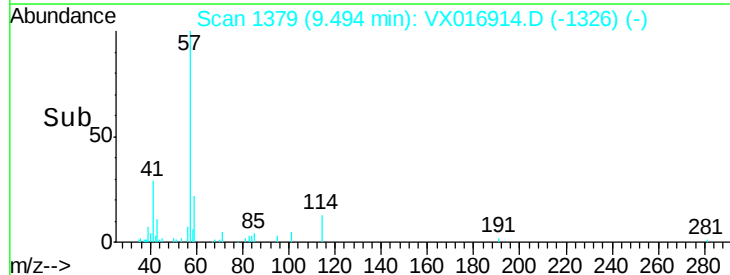
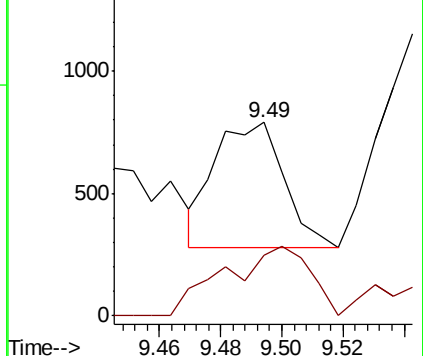
43 100

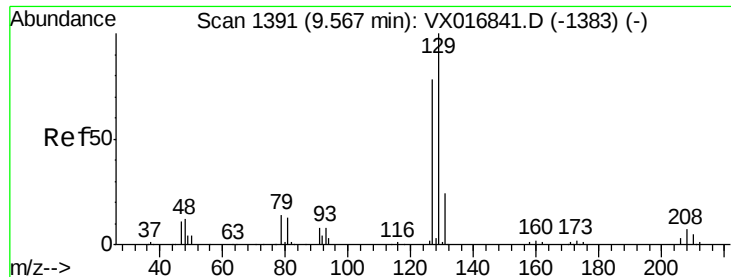
58 69.7 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 0.870 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

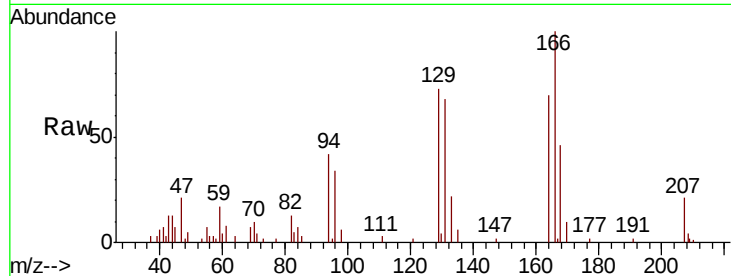
FD_061820

Tot Ion:129 Resp: 3761

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

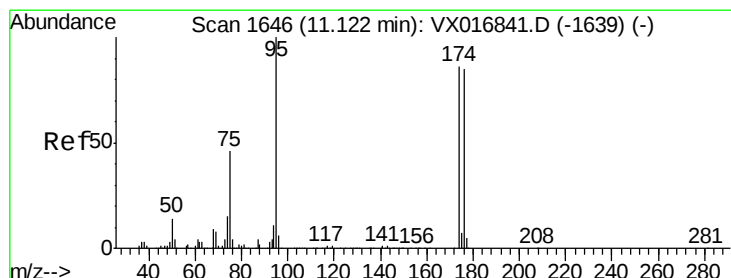
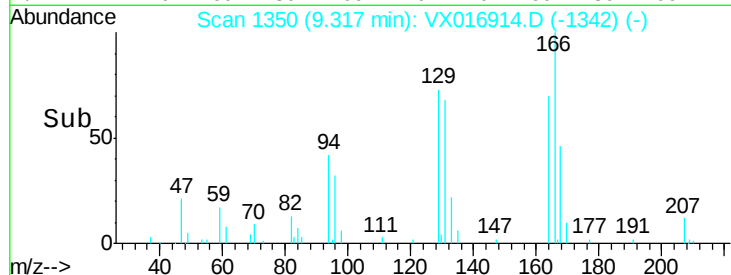
1000

500

0

Time-->

9.30 9.35



#62

4-Bromofluorobenzene

Concen: 55.376 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

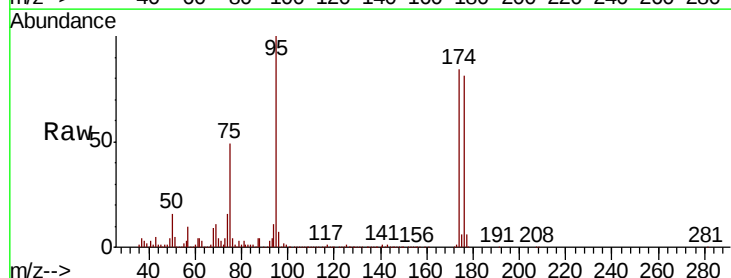
Tgt Ion: 95 Resp: 281900

Ion Ratio Lower Upper

95 100

174 82.1 0.0 174.2

176 80.7 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

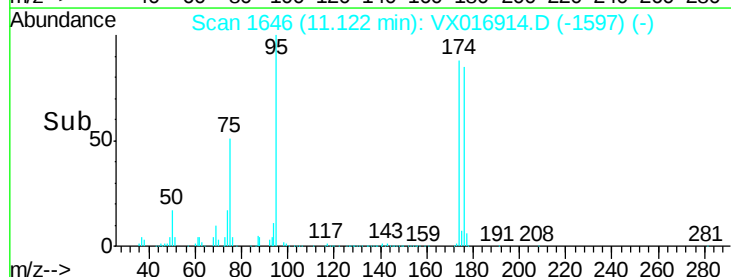
100000

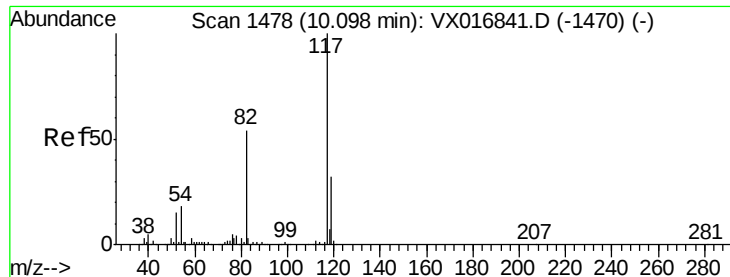
50000

0

Time-->

11.05 11.10 11.15





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampled :

FD_061820

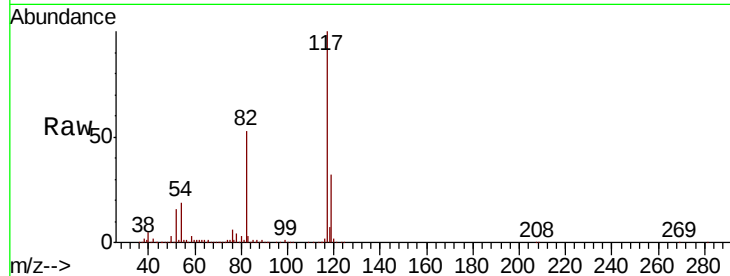
Tot Ion:117 Resp: 528177

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

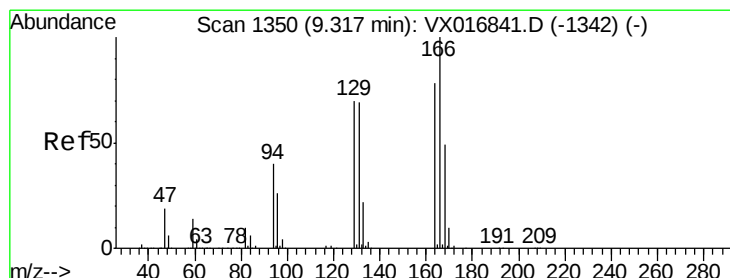
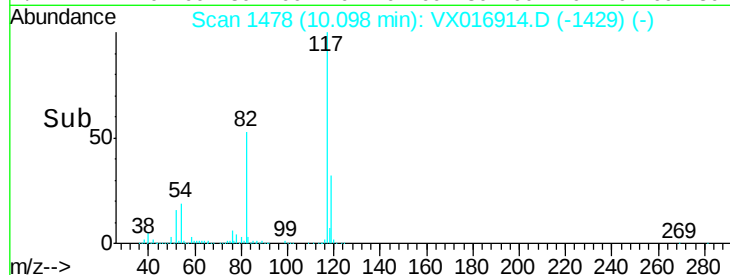
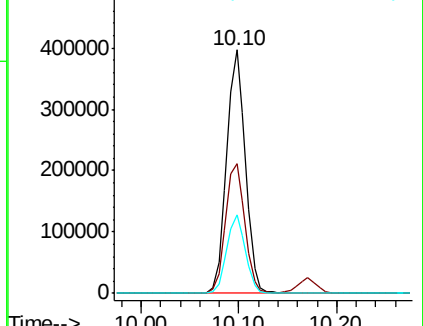
119 32.1 25.7 38.5



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: 0.846 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Tgt Ion:164 Resp: 4140

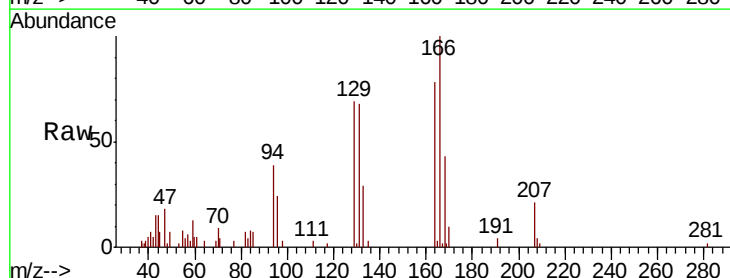
Ion Ratio Lower Upper

164 100

166 128.3 102.6 153.8

129 88.7 72.2 108.2

131 86.7 70.8 106.2

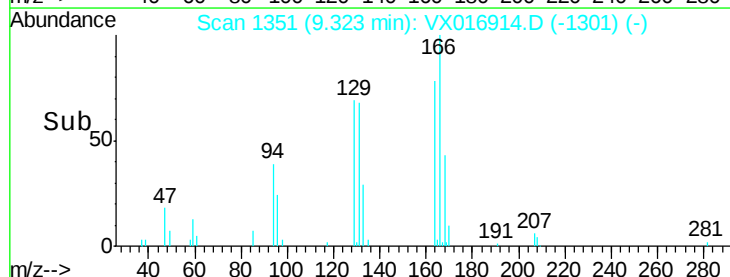
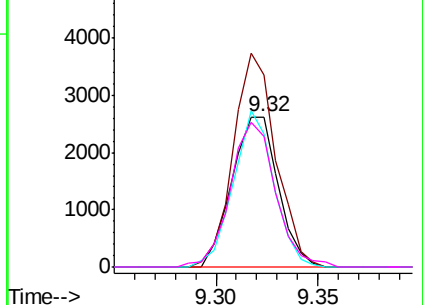


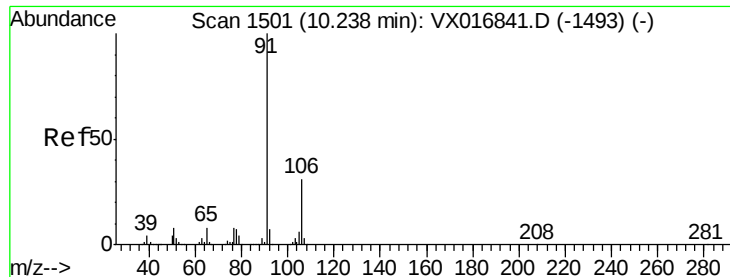
Abundance Ion 163.80 (163.50 to 164.50): V

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





#67

Ethyl Benzene

Concen: 118.072 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

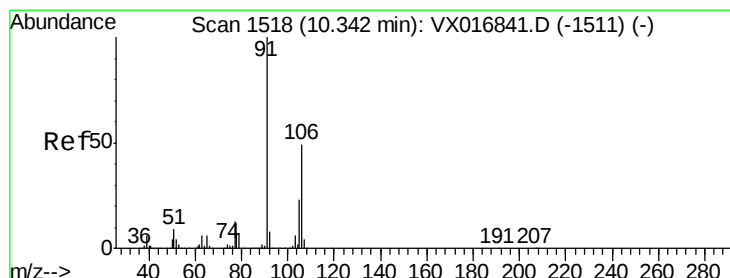
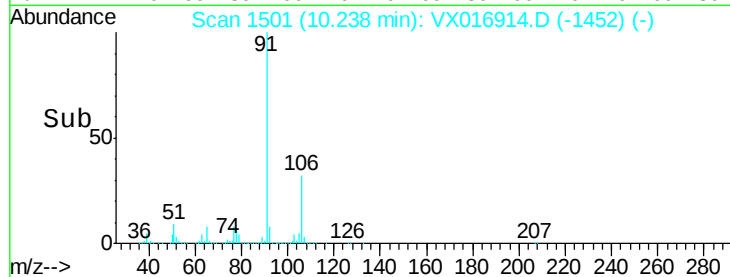
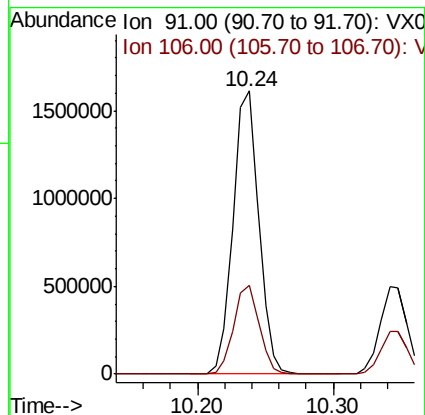
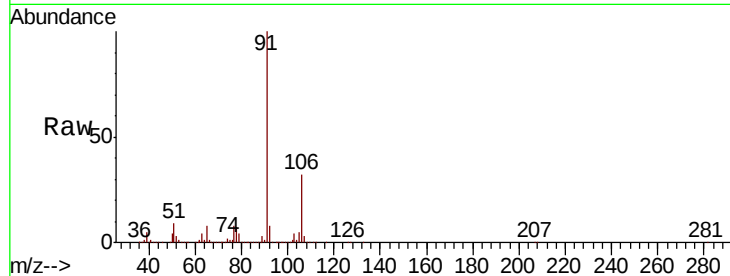
FD_061820

Tot Ion: 91 Resp: 2130703

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 48.153 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016914.D

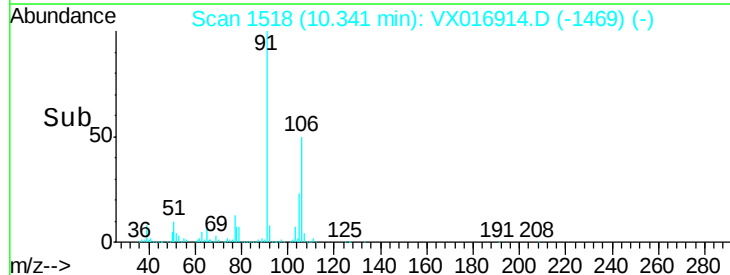
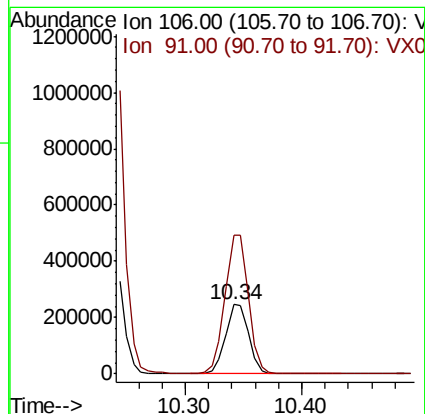
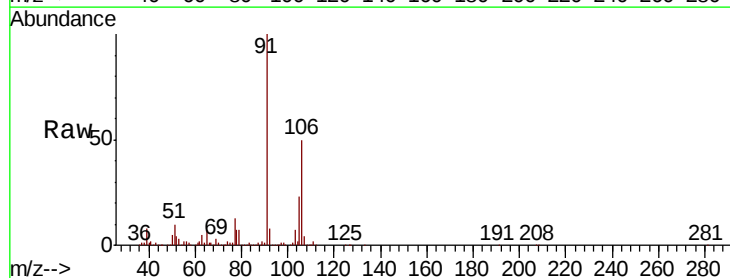
Acq: 20 Jun 2020 07:24

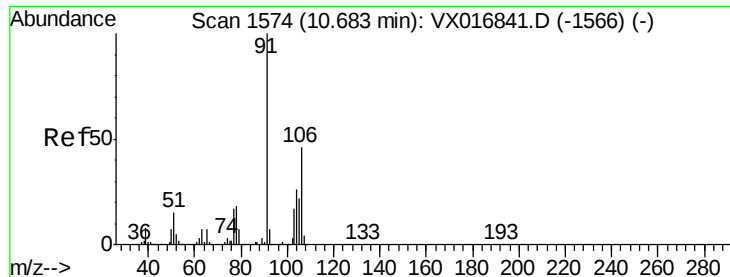
Tgt Ion: 106 Resp: 338140

Ion Ratio Lower Upper

106 100

91 202.9 161.5 242.3

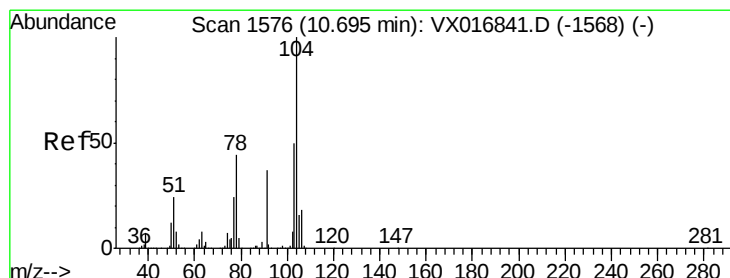
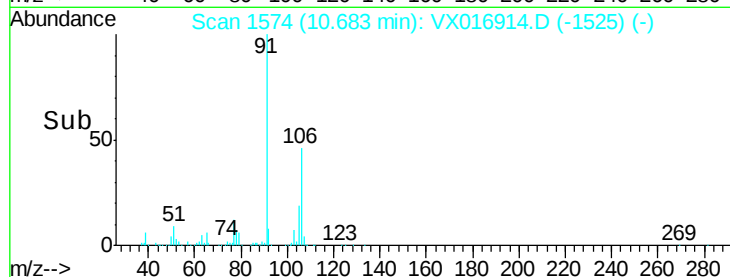
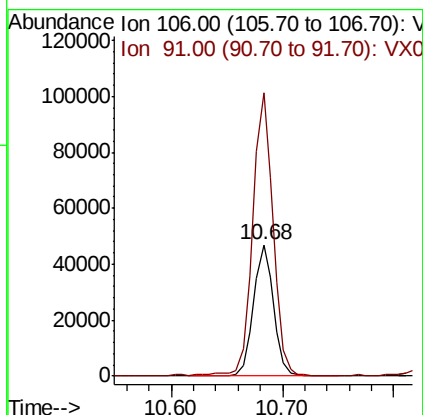
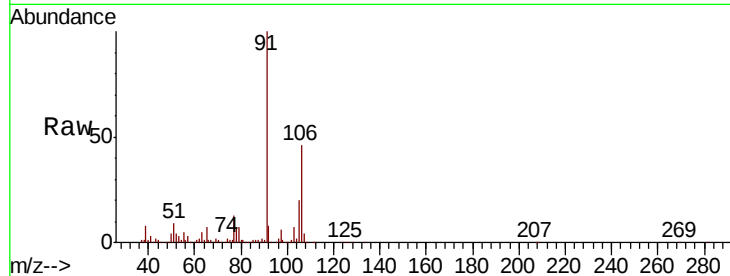




#69
o-Xylene
Concen: 9.050 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

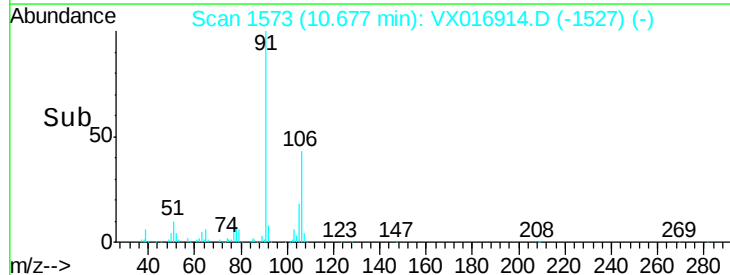
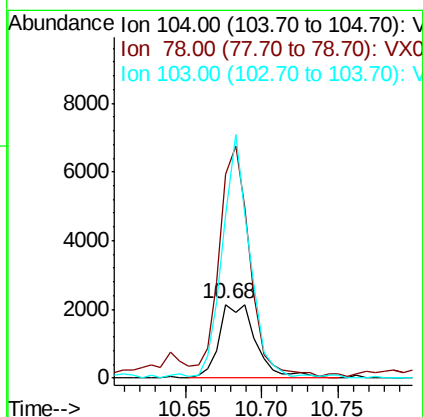
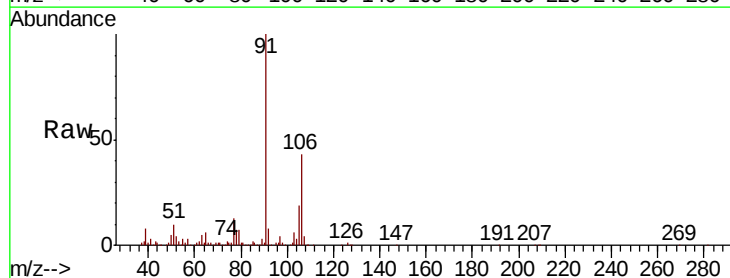
Instrument :
MSVOA_X
ClientSampleId :
FD_061820

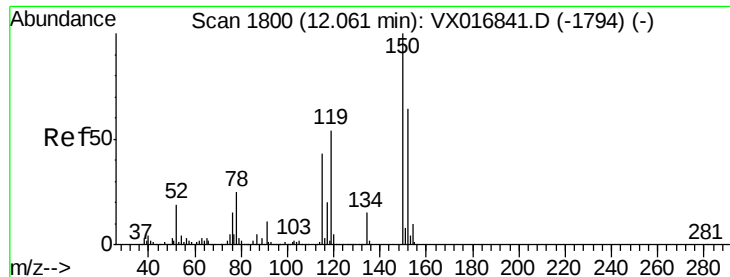
Tot Ion:106 Resp: 58762
Ion Ratio Lower Upper
106 100
91 218.7 107.9 323.7



#70
Styrene
Concen: 0.328 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.02 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt Ion:104 Resp: 3616
Ion Ratio Lower Upper
104 100
78 248.7 39.6 59.4#
103 243.3 43.3 64.9#



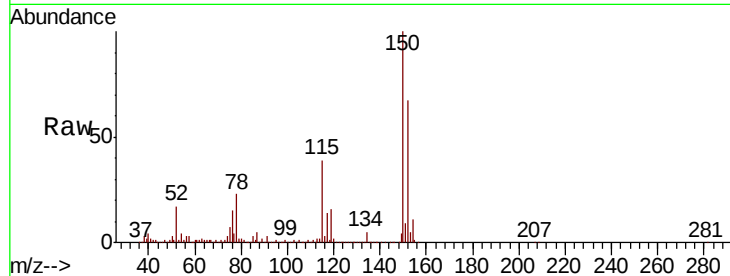


#72

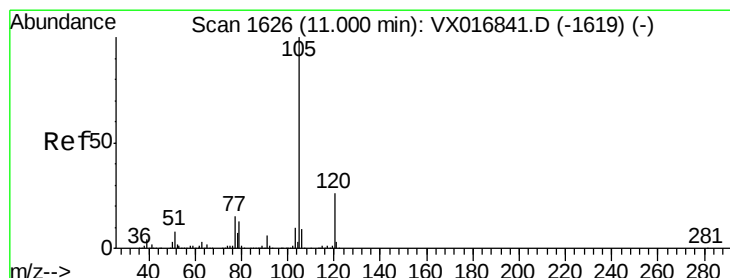
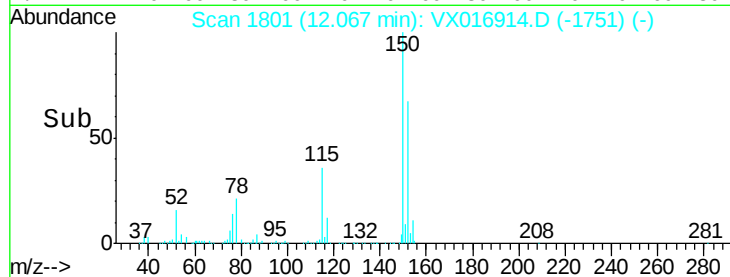
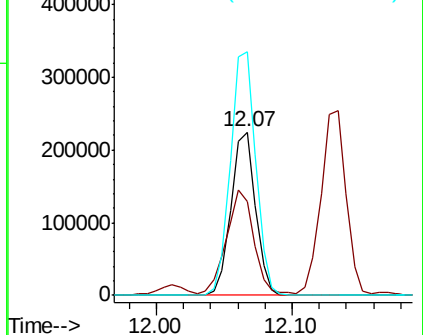
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Instrument :
MSVOA_X
ClientSampleId :
FD_061820

Tot Ion	Ratio	Lower	Upper
152	100		
115	70.9	40.9	122.8
150	154.5	0.0	344.2



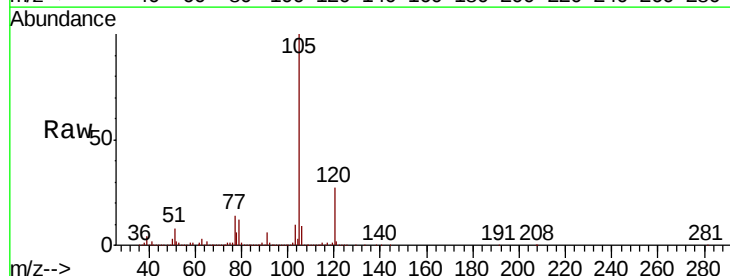
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



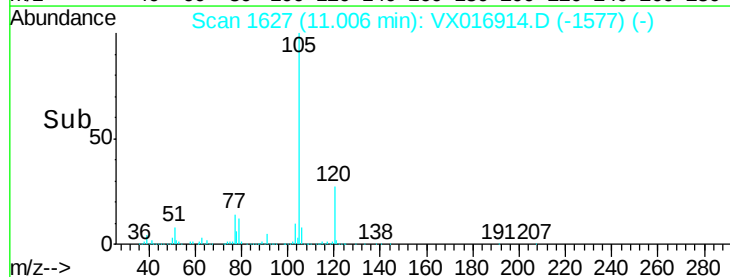
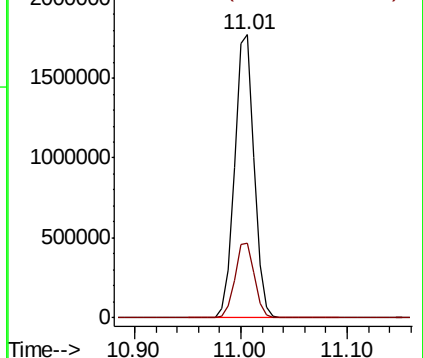
#73

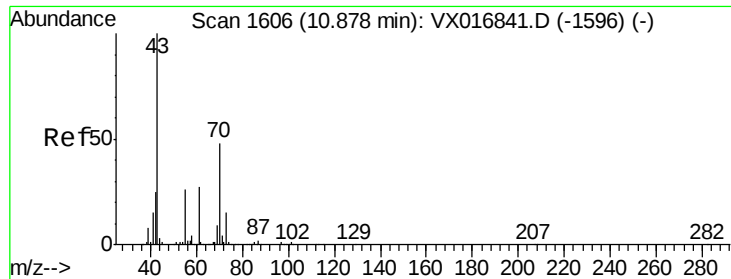
Isopropylbenzene
Concen: 125.853 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt 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: 2.570 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

FD_061820

Tot Ion: 43 Resp: 16210

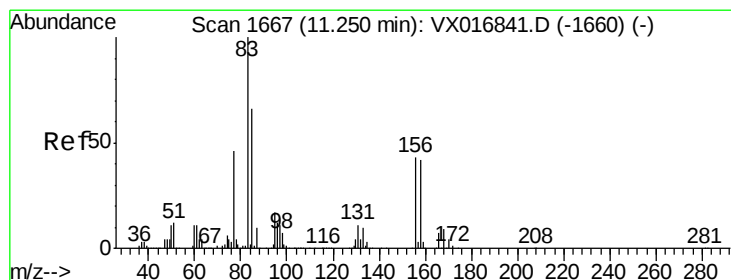
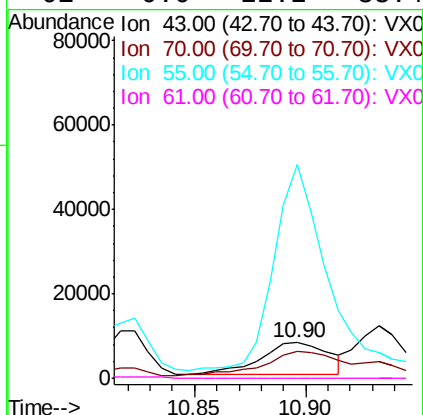
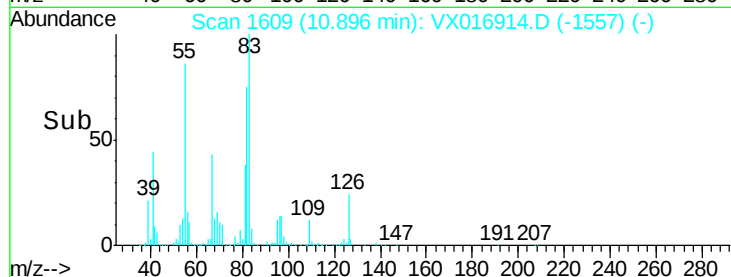
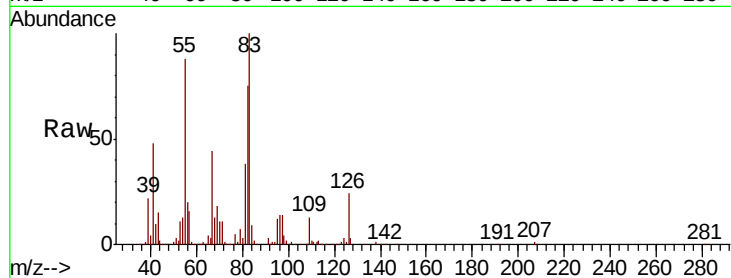
Ion Ratio Lower Upper

43 100

70 110.6 39.9 59.9#

55 501.9 21.8 32.6#

61 0.0 22.2 33.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.617 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.19 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

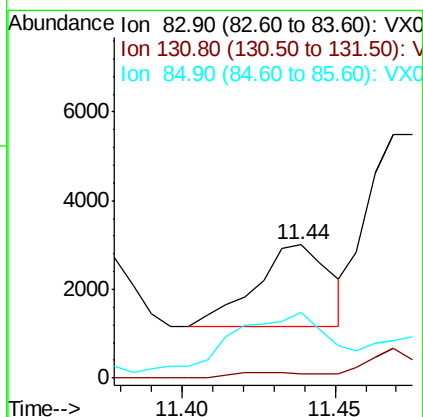
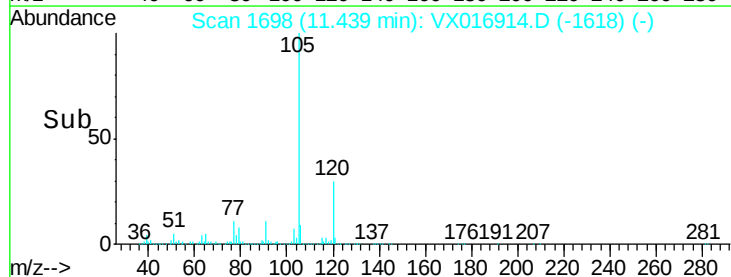
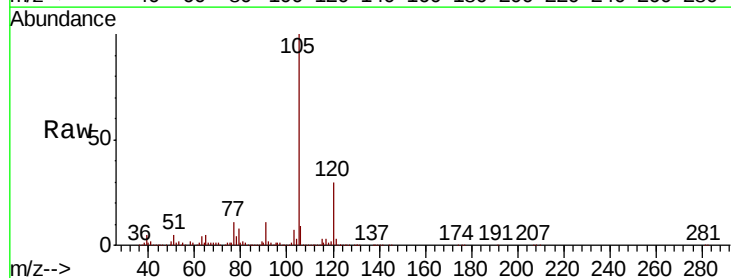
Tgt Ion: 83 Resp: 3148

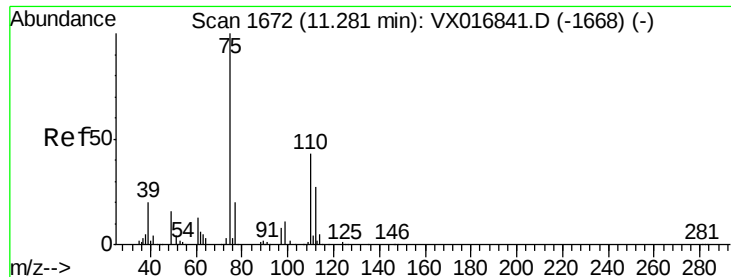
Ion Ratio Lower Upper

83 100

131 7.3 5.7 17.1

85 94.1 32.6 97.8





#76

1,2,3-Trichloropropane

Concen: 4.763 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampled :

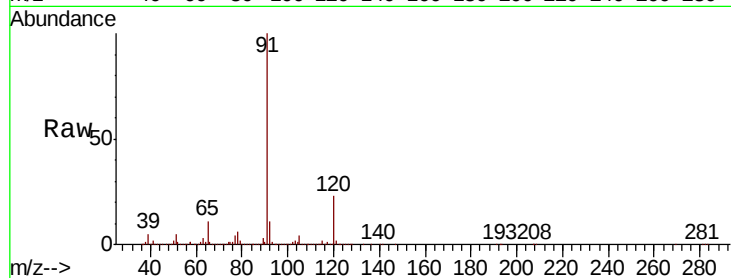
FD_061820

Tot Ion: 75 Resp: 24401

Ion Ratio Lower Upper

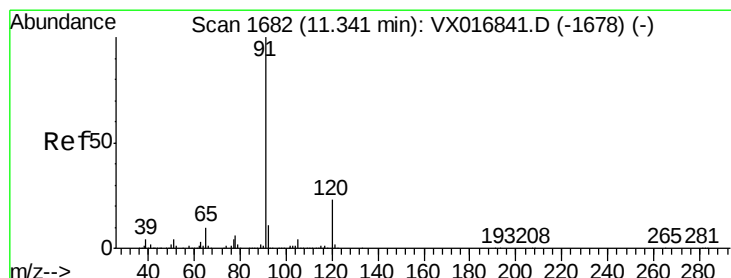
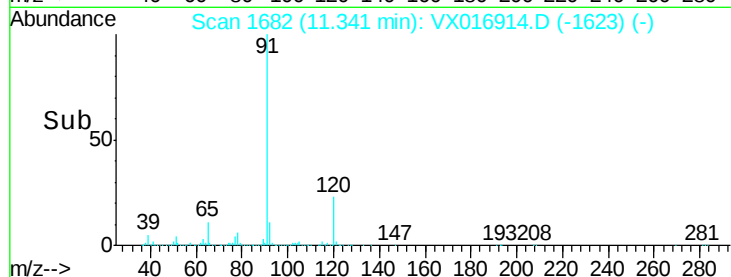
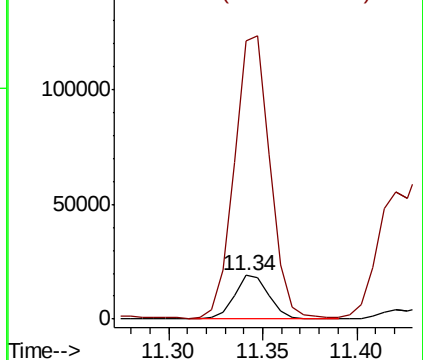
75 100

77 658.0 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: 204.085 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016914.D

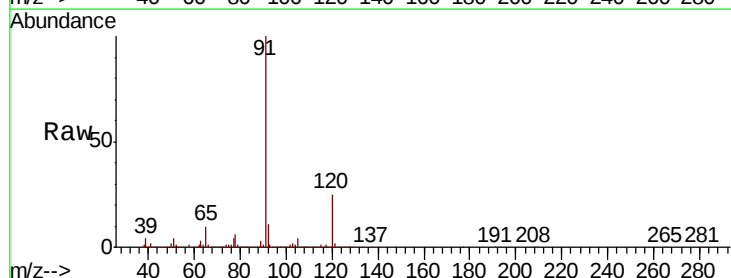
Acq: 20 Jun 2020 07:24

Tgt Ion: 91 Resp: 4113349

Ion Ratio Lower Upper

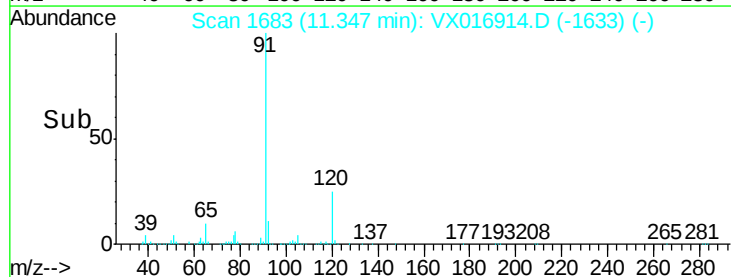
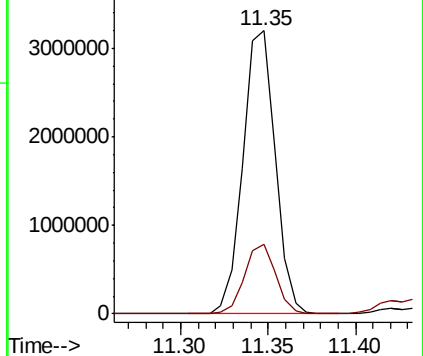
91 100

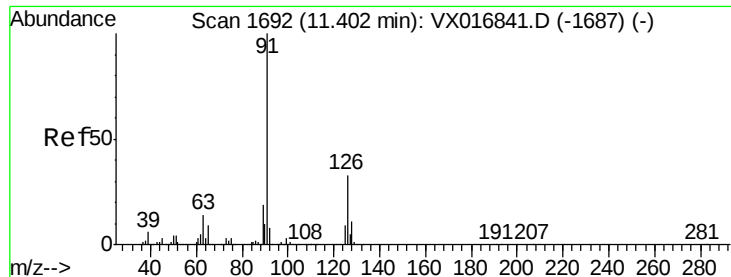
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

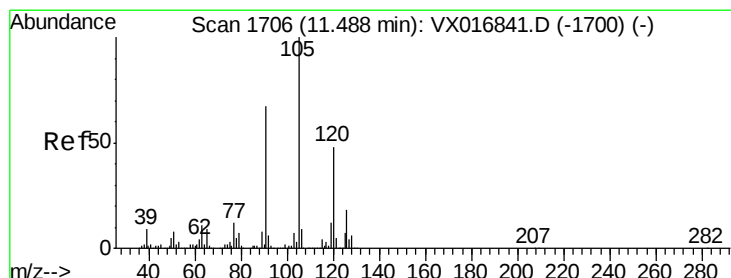
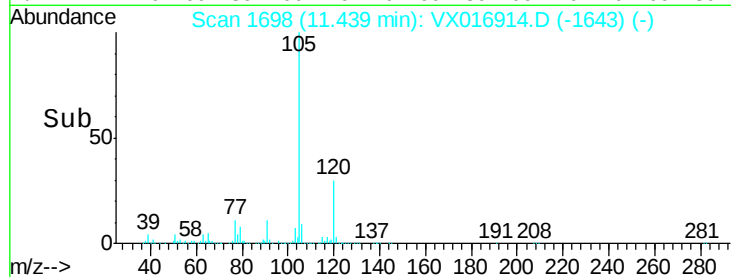
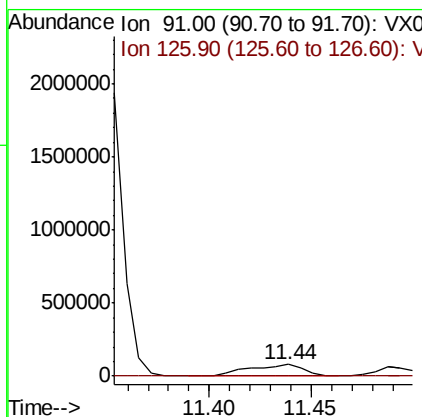
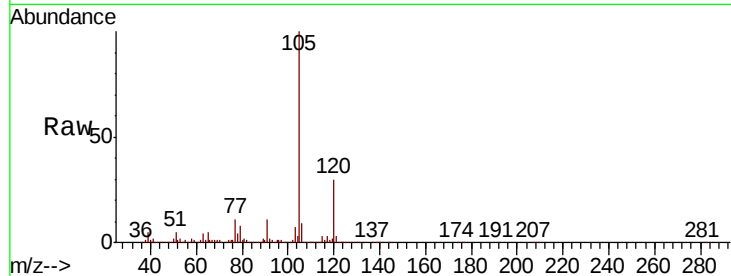




#79
 2-Chlorotoluene
 Concen: 12.141 ug/l
 RT: 11.44 min Scan# 1698
 Delta R.T. 0.04 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

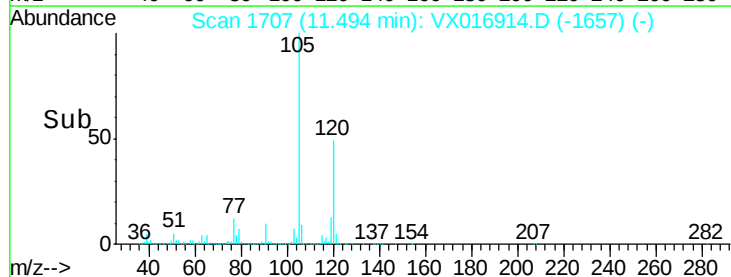
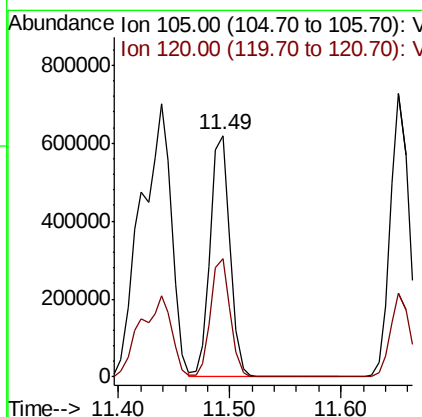
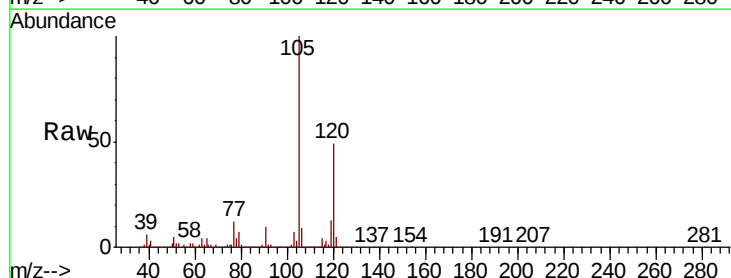
Instrument :
 MSVOA_X
 ClientSampleId :
 FD_061820

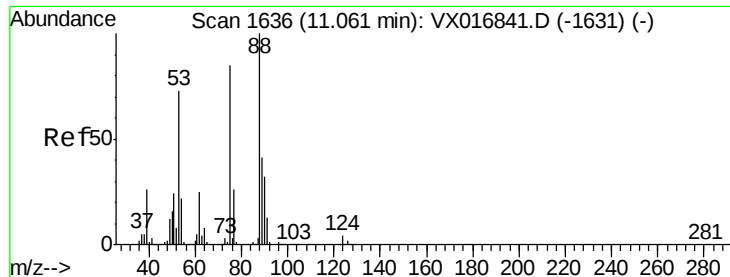
Tot Ion: 91 Resp: 149724
 Ion Ratio Lower Upper
 91 100
 126 0.4 17.2 51.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 48.991 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

Tgt Ion: 105 Resp: 763375
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.339 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

FD_061820

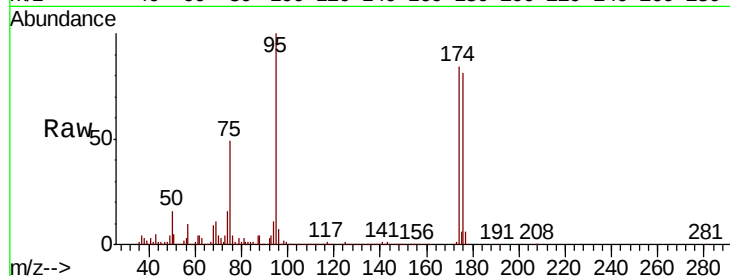
Tot Ion: 75 Resp: 134591

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

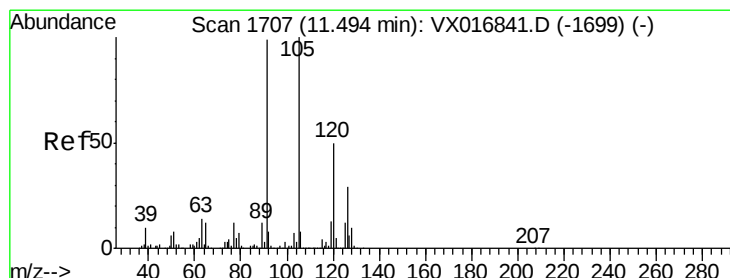
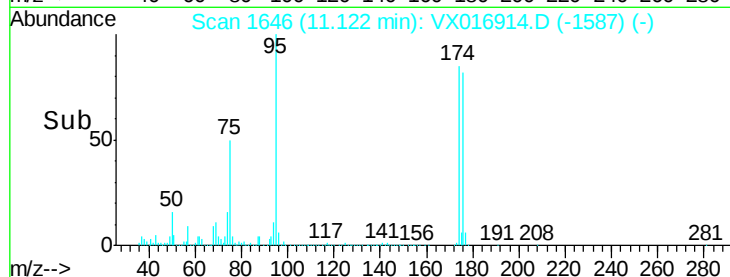
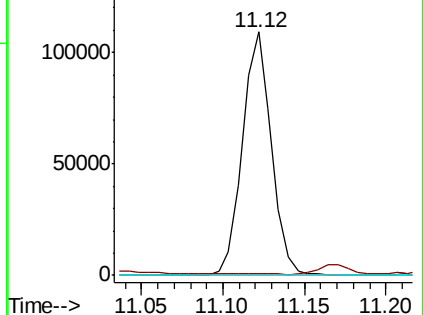
89 0.0 38.3 57.5#



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: 10.120 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. -0.06 min

Lab File: VX016914.D

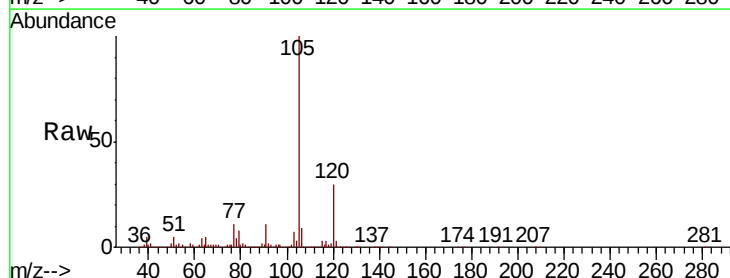
Acq: 20 Jun 2020 07:24

Tgt Ion: 91 Resp: 149724

Ion Ratio Lower Upper

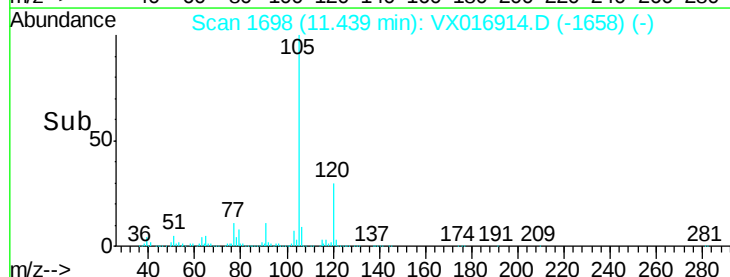
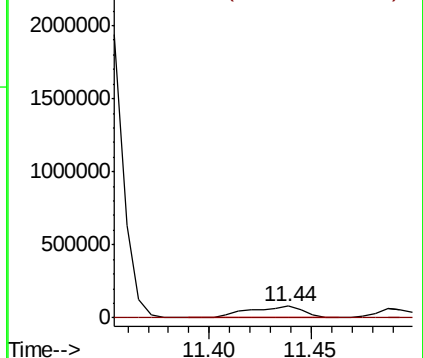
91 100

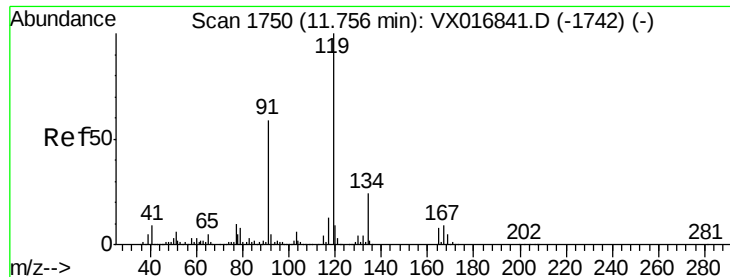
126 0.4 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

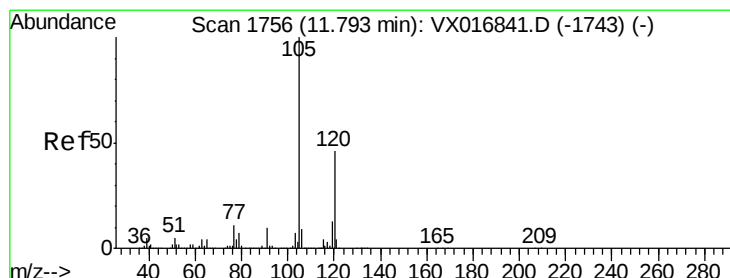
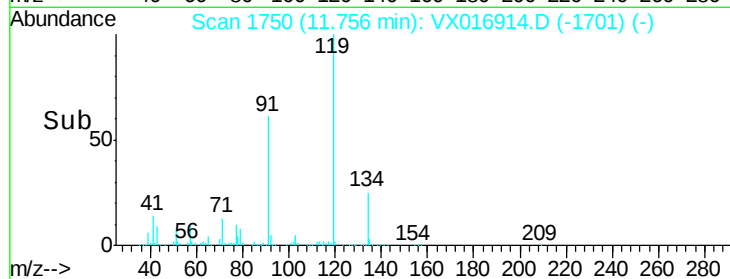
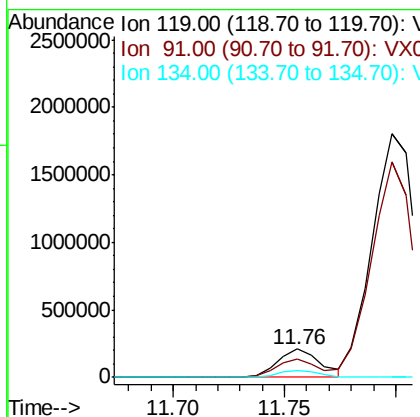
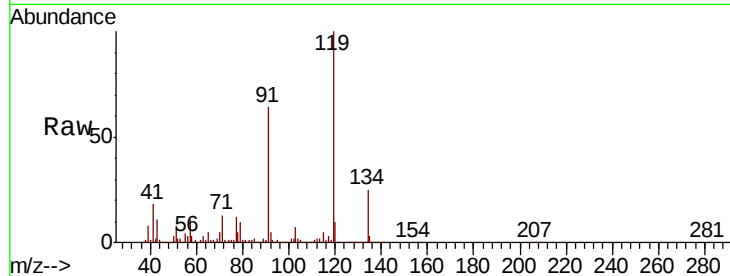




#83
tert-Butylbenzene
Concen: 18.096 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

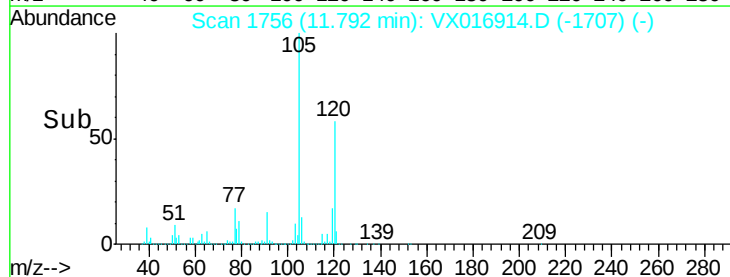
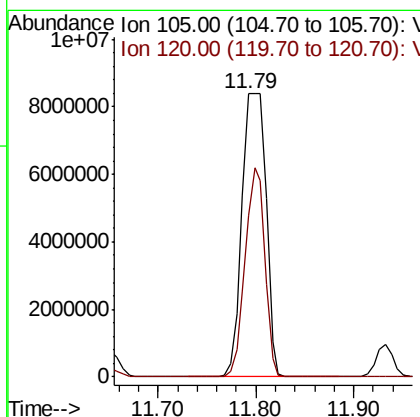
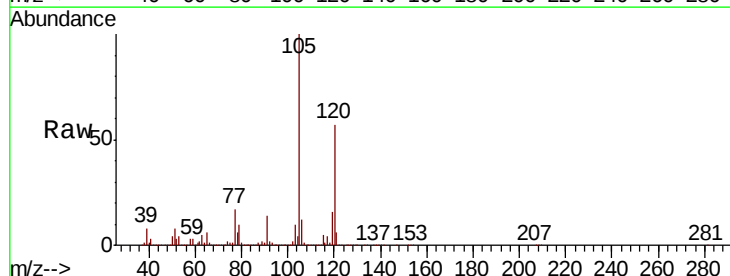
Instrument :
MSVOA_X
ClientSampleId :
FD_061820

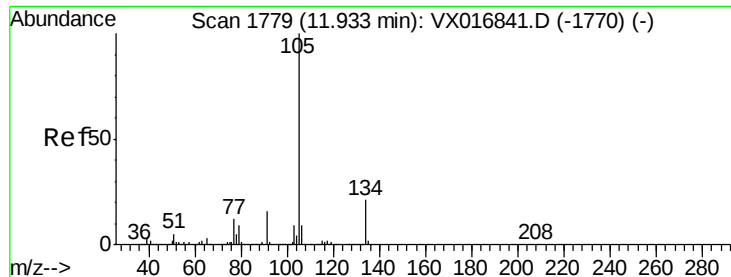
Tot Ion:119 Resp: 278993
Ion Ratio Lower Upper
119 100
91 59.3 28.5 85.5
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 895.375 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016914.D
Acq: 20 Jun 2020 07:24

Tgt Ion:105 Resp:14371755
Ion Ratio Lower Upper
105 100
120 60.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 65.035 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampled :

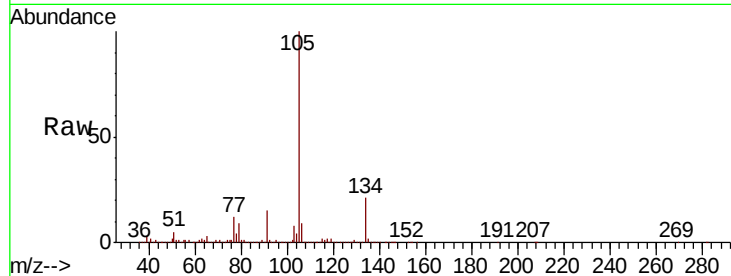
FD_061820

Tot Ion:105 Resp: 1164485

Ion Ratio Lower Upper

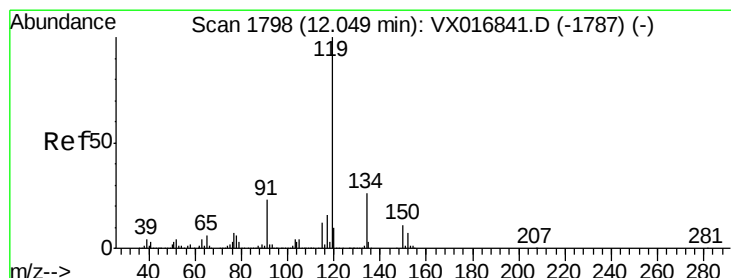
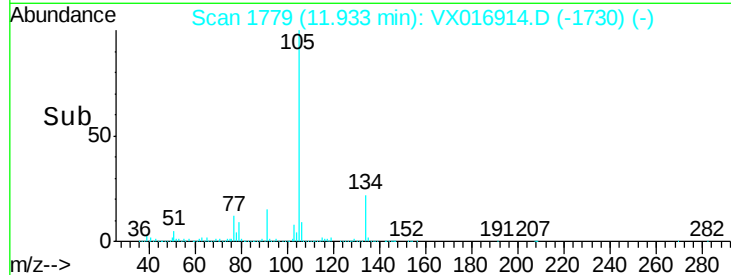
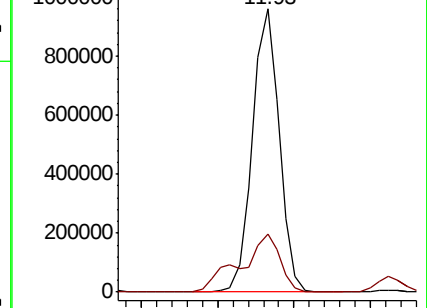
105 100

134 30.6 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: 27.670 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

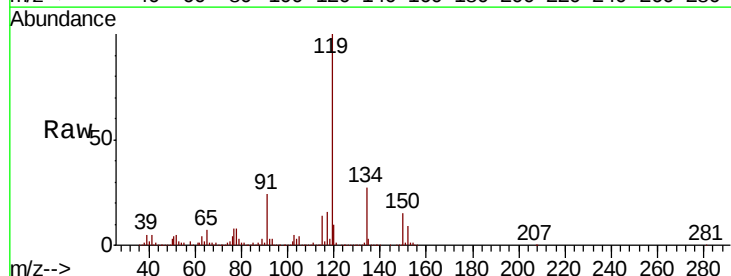
Tgt Ion:119 Resp: 453942

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.7

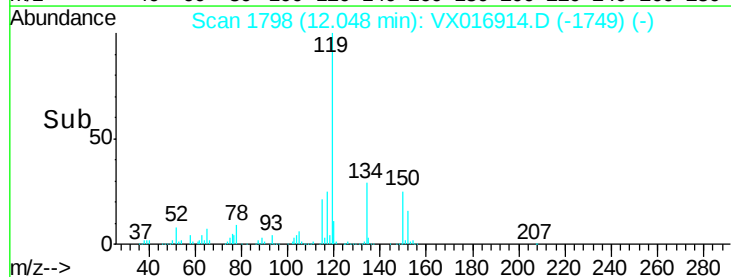
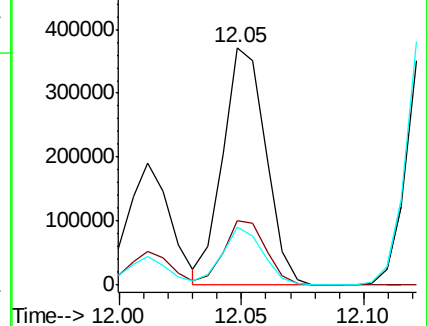
91 22.8 11.6 34.8

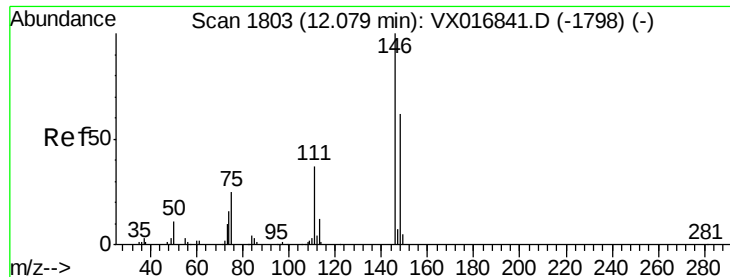


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

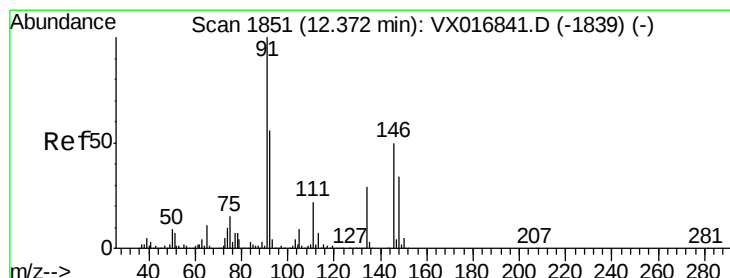
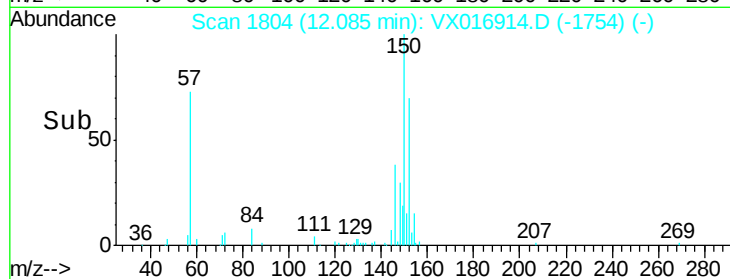
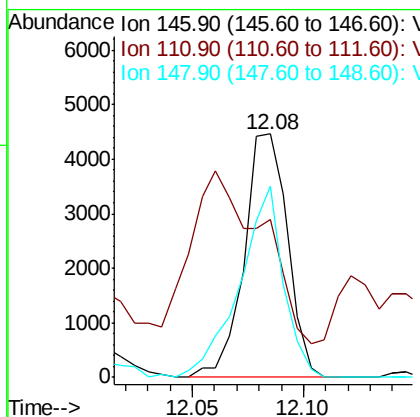
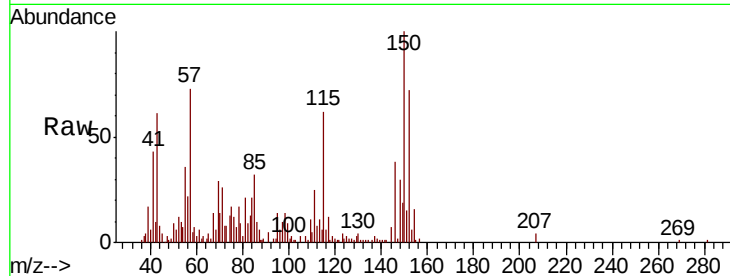




#88
 1,4-Dichlorobenzene
 Concen: 0.667 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

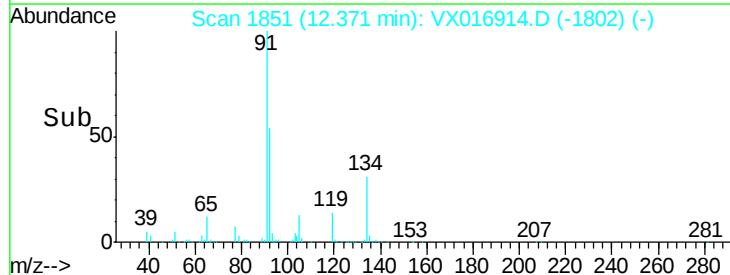
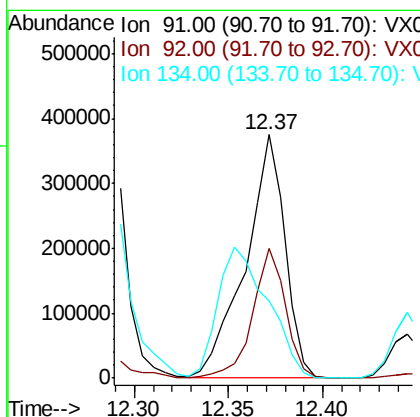
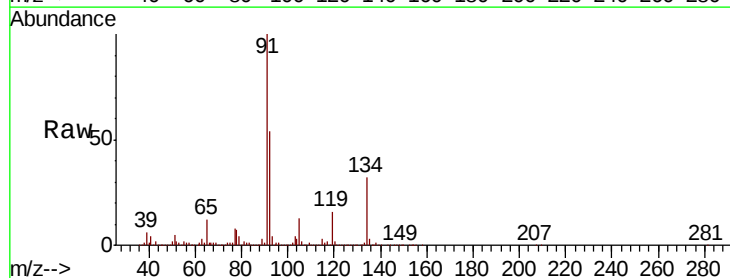
Instrument :
 MSVOA_X
 ClientSampleId :
 FD_061820

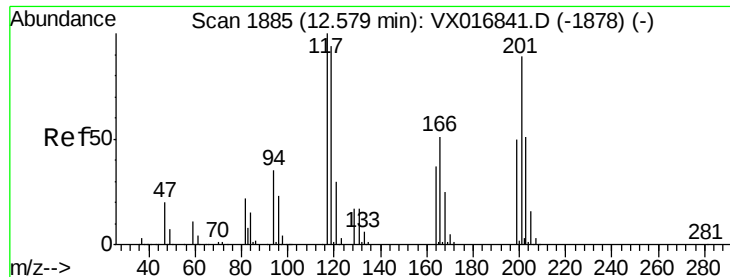
Tot Ion:146 Resp: 6072
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 78.8 31.6 95.0



#89
 n-Butylbenzene
 Concen: 38.611 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016914.D
 Acq: 20 Jun 2020 07:24

Tgt Ion: 91 Resp: 543189
 Ion Ratio Lower Upper
 91 100
 92 44.2 27.4 82.2
 134 68.2 13.9 41.6#





#90

Hexachloroethane

Concen: 35.712 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

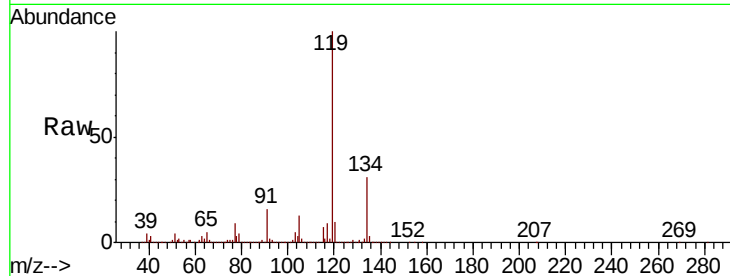
FD_061820

Tot Ion:117 Resp: 105536

Ion Ratio Lower Upper

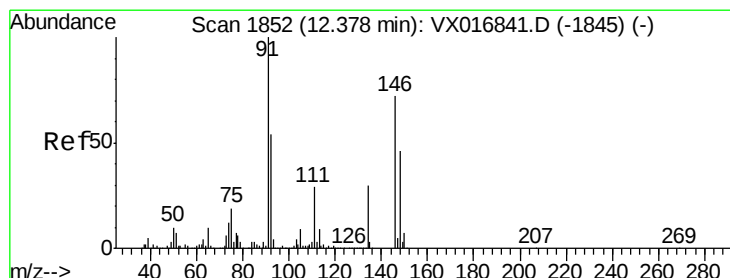
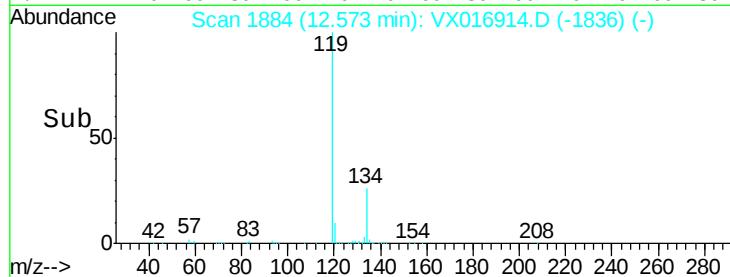
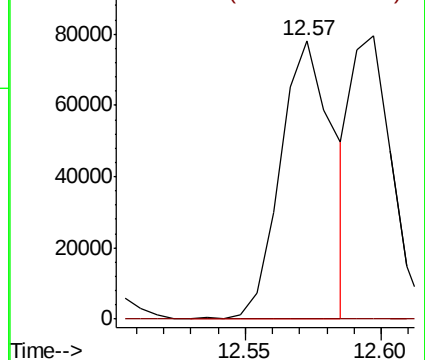
117 100

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: 0.245 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

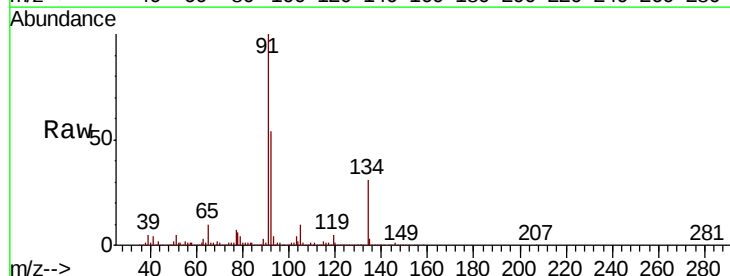
Tgt Ion:146 Resp: 2131

Ion Ratio Lower Upper

146 100

111 85.3 20.9 62.7#

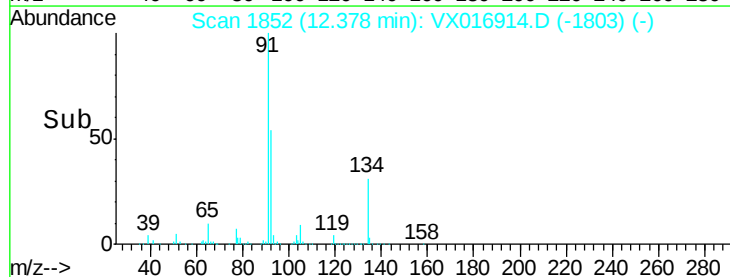
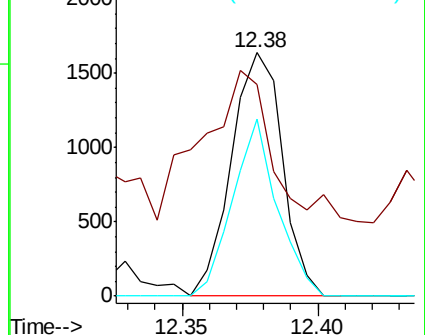
148 63.6 32.9 98.6

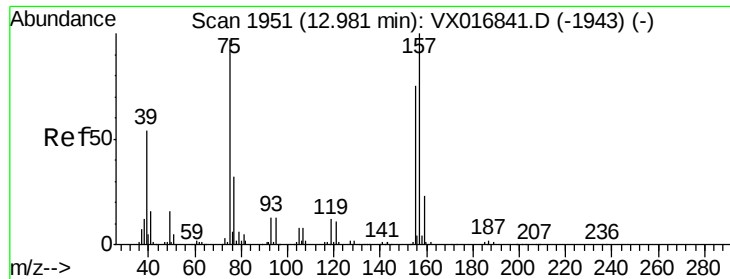


Abundance Ion 145.90 (145.60 to 146.60): V

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: 6.726 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Instrument :

MSVOA_X

ClientSampleId :

FD_061820

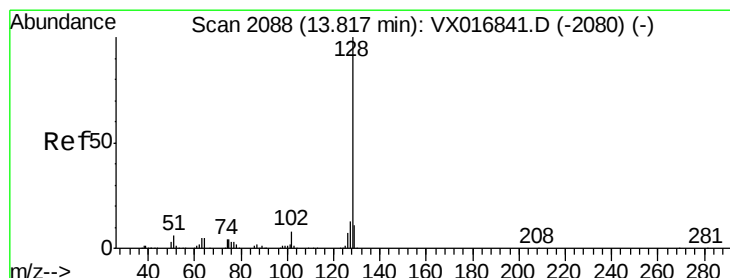
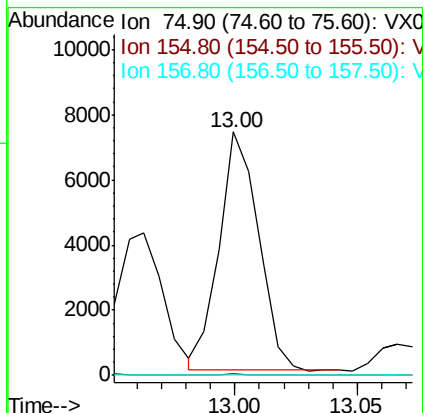
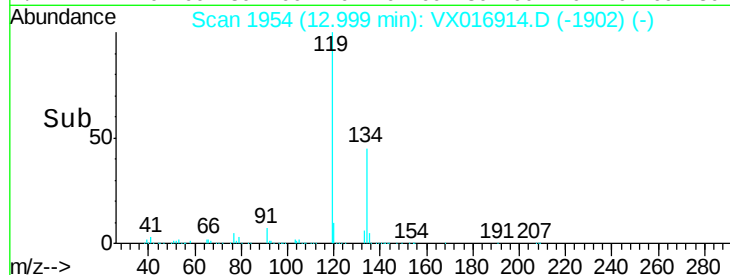
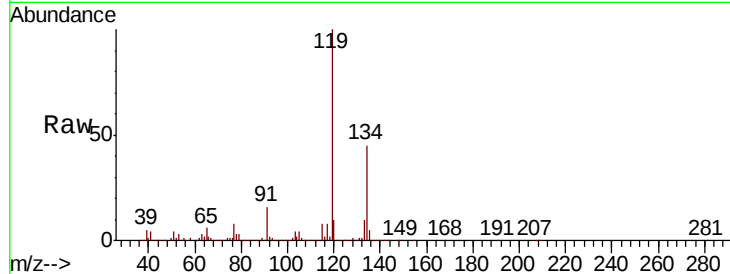
Tot Ion: 75 Resp: 8133

Ion Ratio Lower Upper

75 100

155 0.2 46.4 139.1#

157 0.0 58.6 175.8#



#95

Naphthalene

Concen: 83.675 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016914.D

Acq: 20 Jun 2020 07:24

Tgt Ion: 128 Resp: 1432981

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 8.6 13.0

