

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016904.D
 Acq On : 20 Jun 2020 03:37
 Operator : JC/SP
 Sample : L3063-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-2

Quant Time: Jun 22 01:51:24 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	328211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	525457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184121	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	5.46	113	160885	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.70	98	561842	41.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.56%	
62) 4-Bromofluorobenzene	11.12	95	243565	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

						Qvalue
6) Chloroethane	1.64	64	4620	1.630	ug/l #	63
8) Diethyl Ether	2.17	74	2268	0.906	ug/l	98
11) Tert butyl alcohol	2.99	59	2510	3.761	ug/l #	72
13) Acrolein	2.27	56	278	0.687	ug/l #	15
15) Acrylonitrile	3.12	53	423	0.277	ug/l #	93
16) Acetone	2.42	43	13433	9.374	ug/l	98
17) Carbon Disulfide	2.56	76	7108	0.784	ug/l	97
18) Methyl Acetate	2.76	43	1115	0.306	ug/l #	48
20) Methylene Chloride	2.83	84	4067	1.184	ug/l	98
25) 2-Butanone	4.65	43	3649	1.850	ug/l	97
36) 1,1-Dichloropropene	5.62	75	22516	4.641	ug/l #	48
38) Carbon Tetrachloride	5.63	117	29774	5.469	ug/l #	16
39) Methylcyclohexane	7.43	83	2326	0.412	ug/l #	90
40) Benzene	6.12	78	3998	0.275	ug/l #	90
52) Toluene	8.76	92	4186	0.433	ug/l	95
59) 2-Hexanone	9.48	43	737	0.226	ug/l	79
67) Ethyl Benzene	10.24	91	6630	0.414	ug/l	100
68) m/p-Xylenes	10.34	106	5057	0.811	ug/l	98
73) Isopropylbenzene	11.00	105	5210	0.322	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	113202	24.630	ug/l #	37
78) n-propylbenzene	11.34	91	10339	0.572	ug/l	98
79) 2-Chlorotoluene	11.41	91	2587	0.234	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.49	105	9842	0.704	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	113202	60.314	ug/l #	14
84) 1,2,4-Trimethylbenzene	11.79	105	24092	1.673	ug/l	99
85) sec-Butylbenzene	11.93	105	4940	0.308	ug/l	91
86) p-Isopropyltoluene	12.01	119	3059	0.208	ug/l	95
89) n-Butylbenzene	12.37	91	17793	1.410	ug/l #	42
90) Hexachloroethane	12.57	117	1445	0.545	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.96	75	235	0.217	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1190	0.227	ug/l #	77
94) Hexachlorobutadiene	13.77	225	550	0.233	ug/l	91
95) Naphthalene	13.82	128	6596	0.429	ug/l #	91

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

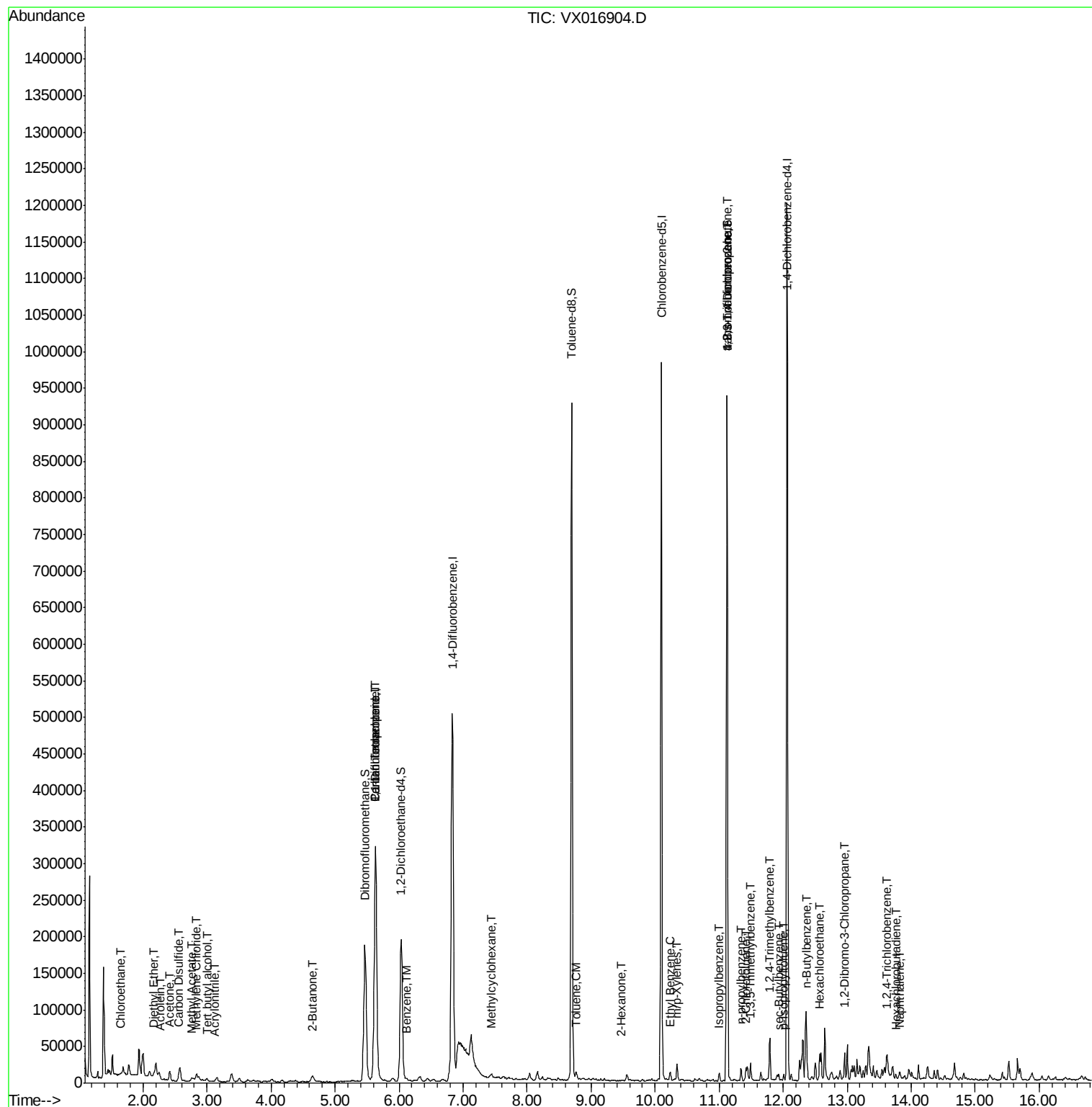
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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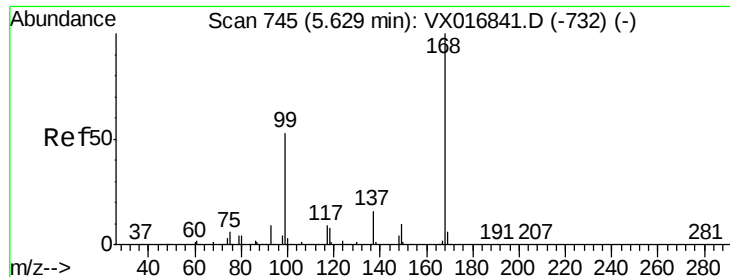
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

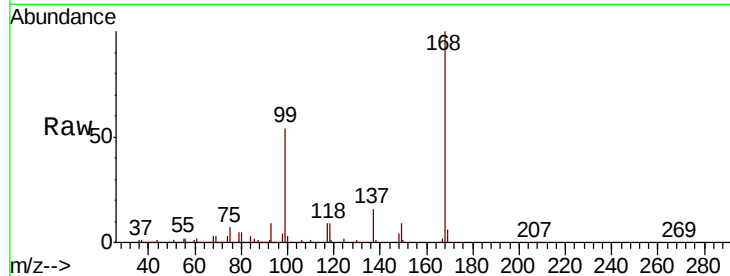
TW-2

Tot Ion:168 Resp: 328211

Ion Ratio Lower Upper

168 100

99 53.9 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

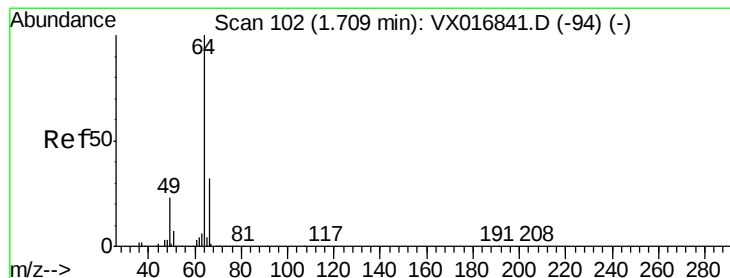
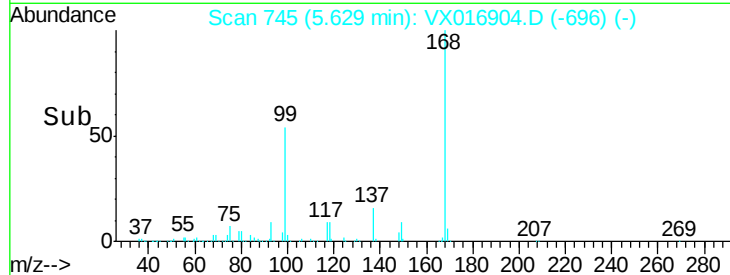
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 1.630 ug/l

RT: 1.64 min Scan# 91

Delta R.T. -0.07 min

Lab File: VX016904.D

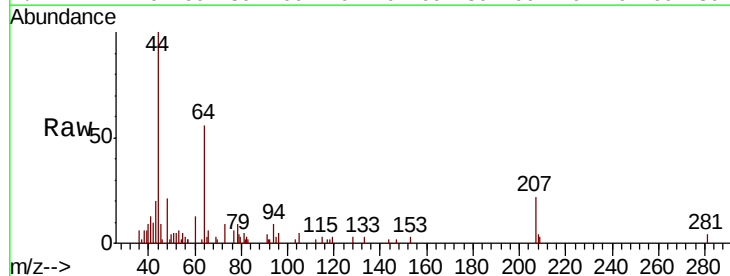
Acq: 20 Jun 2020 03:37

Tgt Ion: 64 Resp: 4620

Ion Ratio Lower Upper

64 100

66 11.3 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.64

2000

1500

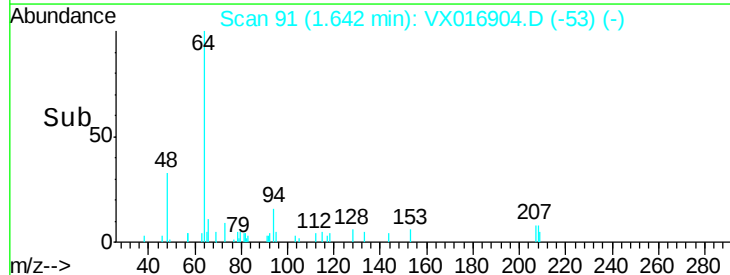
1000

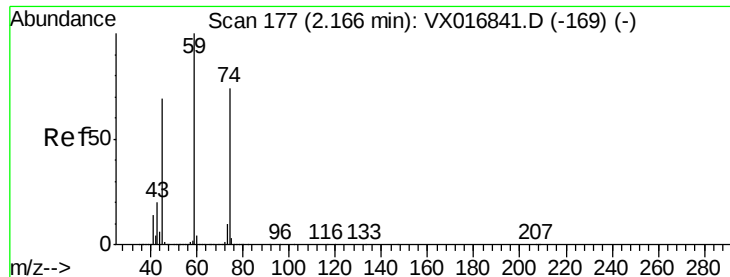
500

0

Time-->

1.50 1.55 1.60 1.65





#8

Diethyl Ether

Concen: 0.906 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

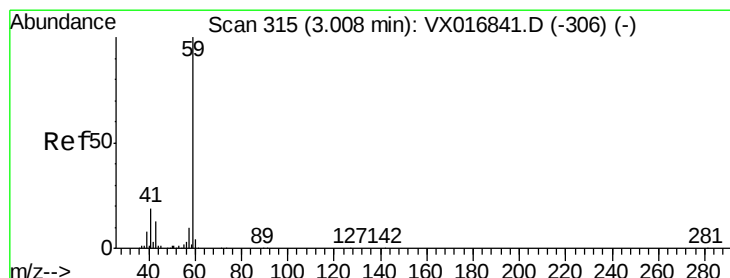
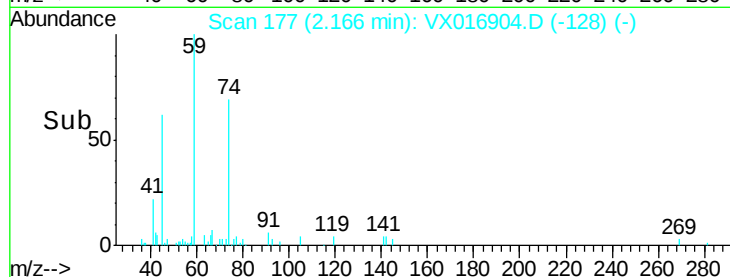
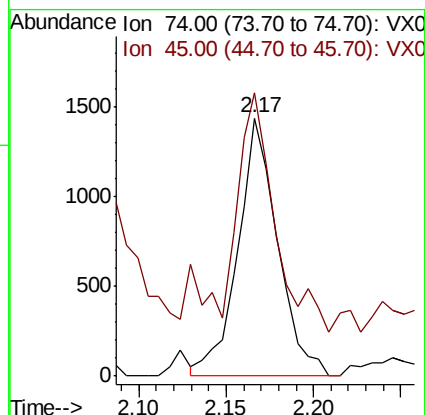
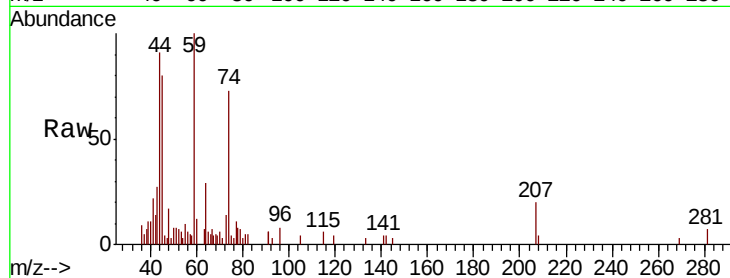
TW-2

Tot Ion: 74 Resp: 2268

Ion Ratio Lower Upper

74 100

45 89.1 45.3 135.8



#11

Tert butyl alcohol

Concen: 3.761 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX016904.D

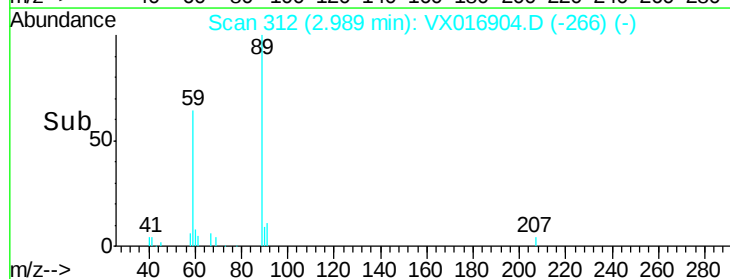
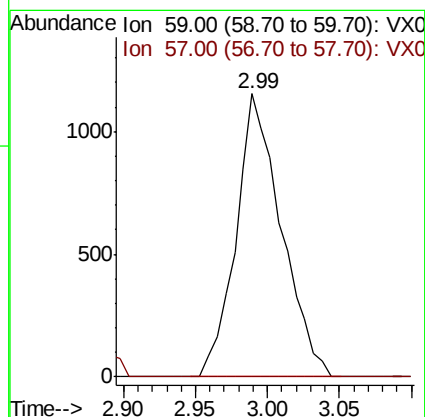
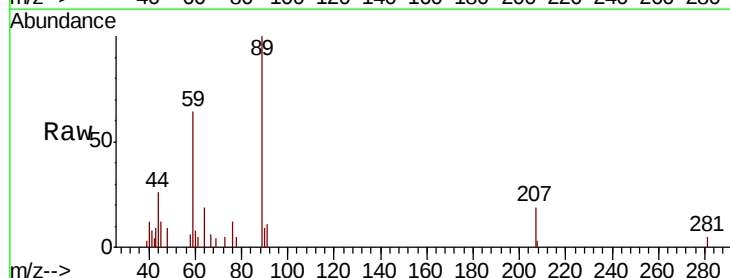
Acq: 20 Jun 2020 03:37

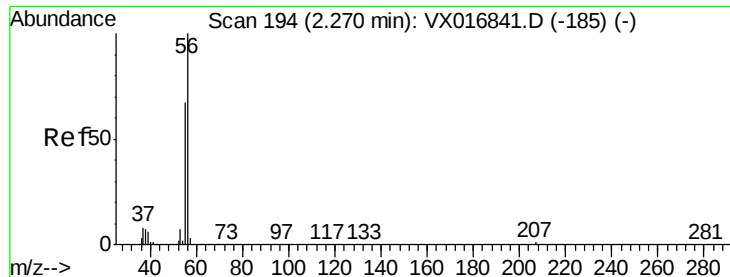
Tgt Ion: 59 Resp: 2510

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#13

Acrolein

Concen: 0.687 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

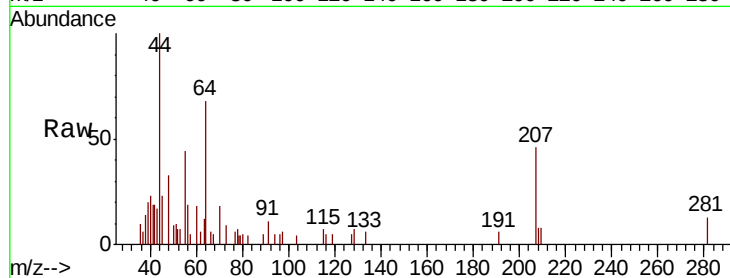
TW-2

Tot Ion: 56 Resp: 278

Ion Ratio Lower Upper

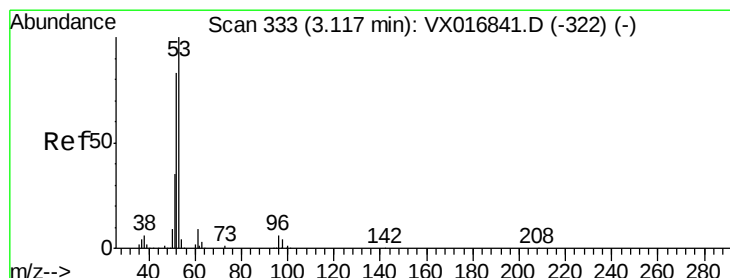
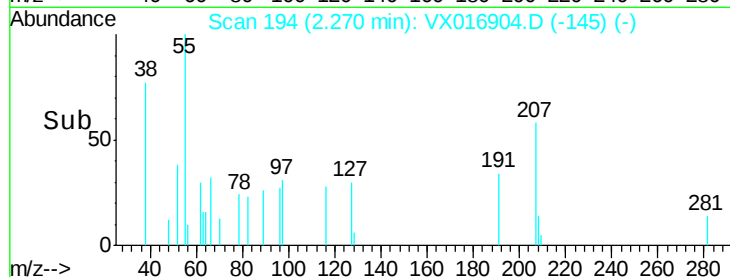
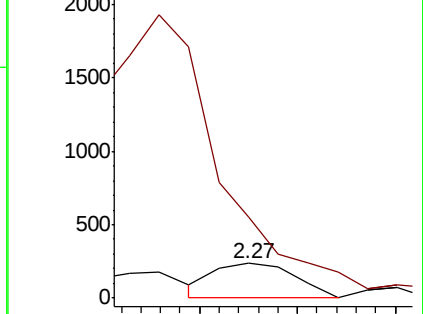
56 100

55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.277 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

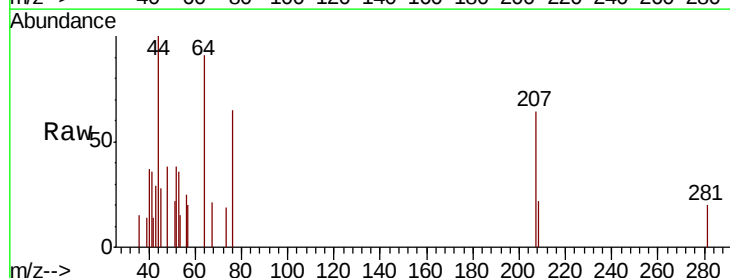
Tgt Ion: 53 Resp: 423

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.2

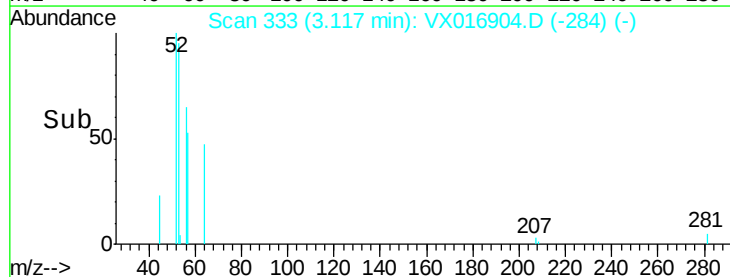
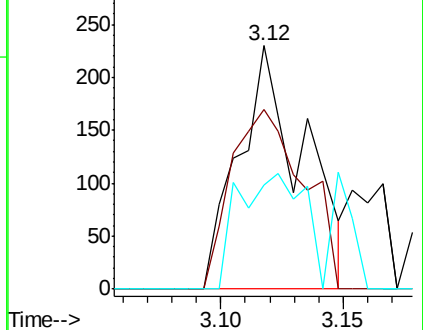
51 48.9 28.7 43.1#

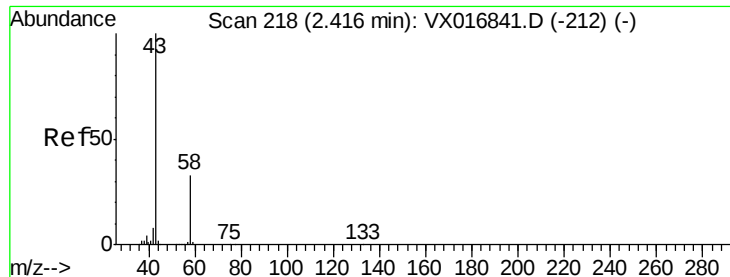


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 9.374 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

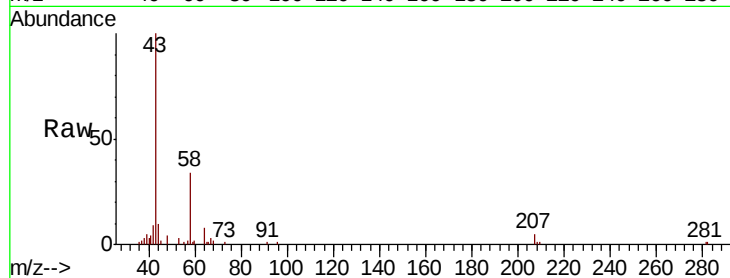
TW-2

Tot Ion: 43 Resp: 13433

Ion Ratio Lower Upper

43 100

58 34.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

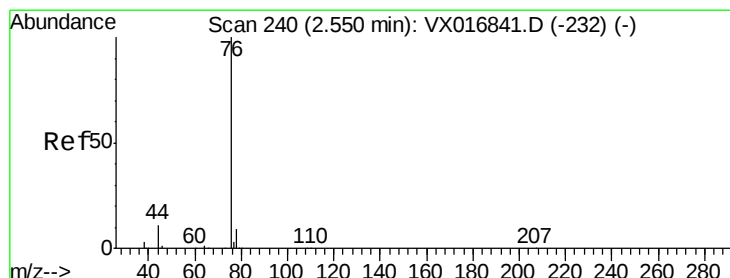
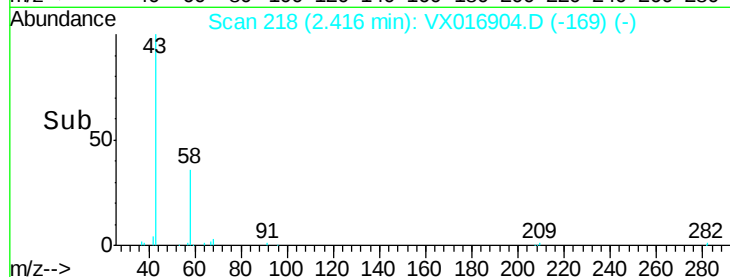
4000

2000

0

2.30 2.40 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.784 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016904.D

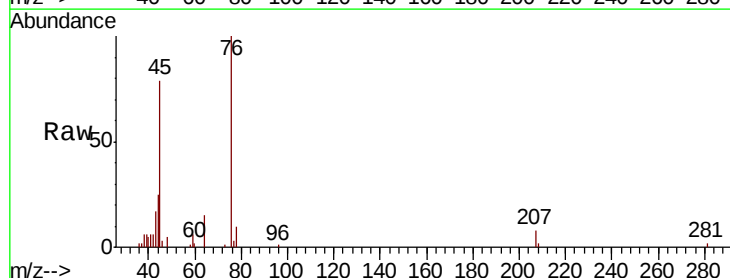
Acq: 20 Jun 2020 03:37

Tgt Ion: 76 Resp: 7108

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

4000

3000

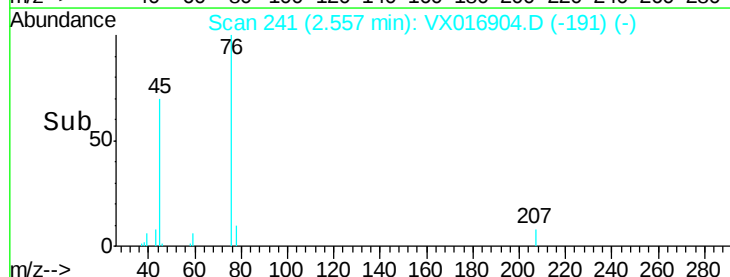
2000

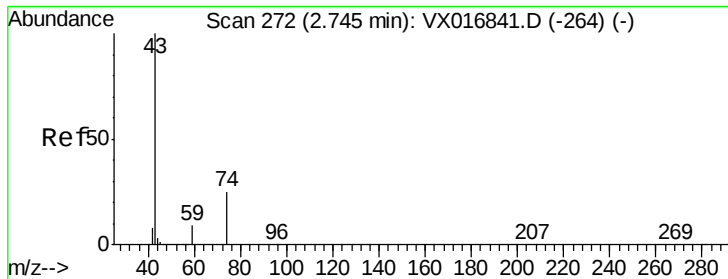
1000

0

2.50 2.55 2.60

Time-->

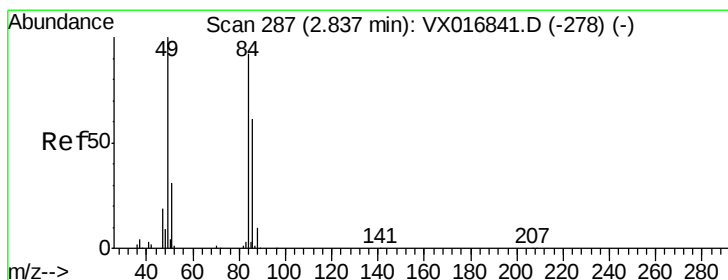
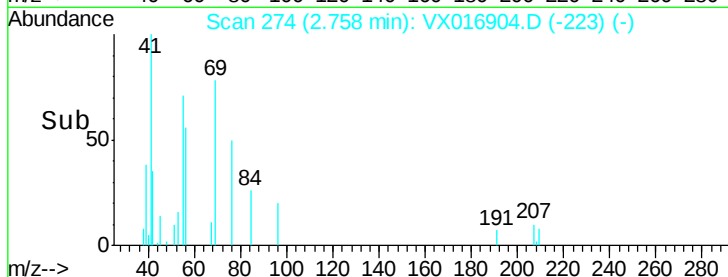
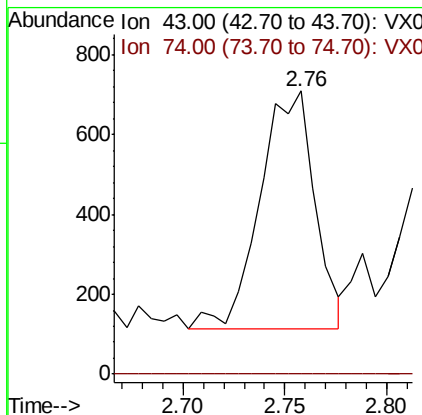
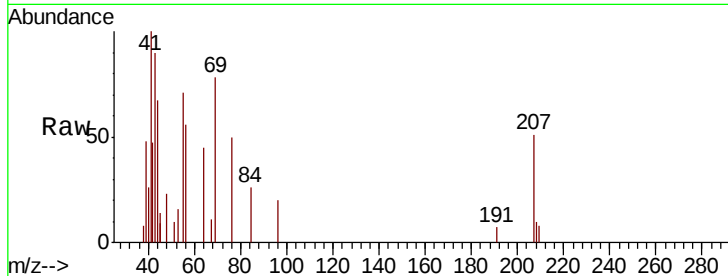




#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

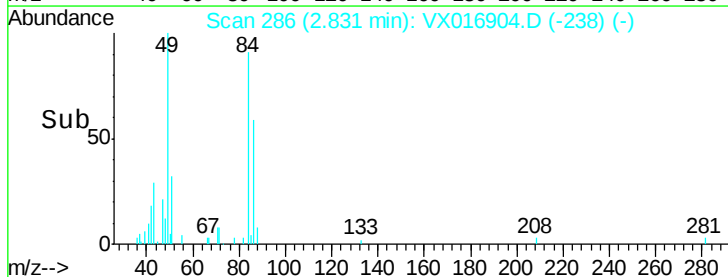
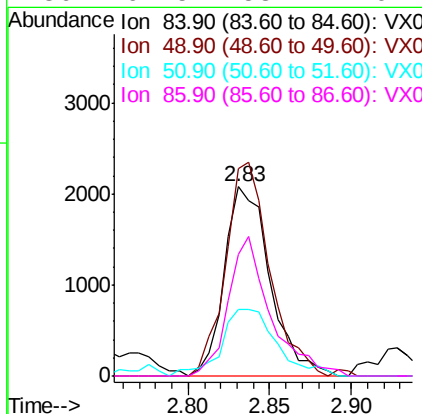
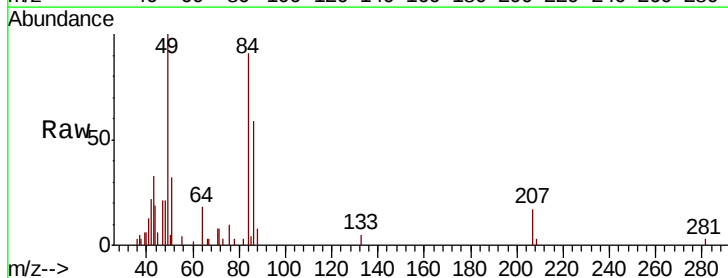
Instrument :
MSVOA_X
ClientSampled :
TW-2

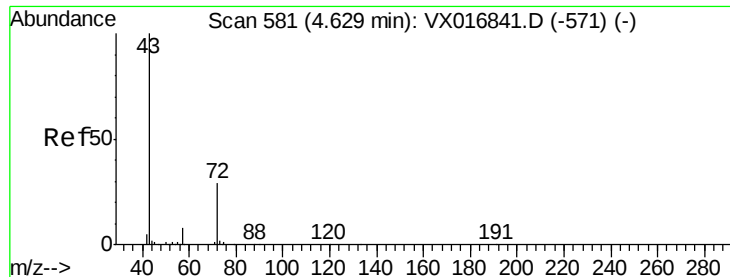
Tot Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.8#



#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 84 Resp: 4067
Ion Ratio Lower Upper
84 100
49 109.8 86.6 129.8
51 35.1 27.1 40.7
86 64.5 53.1 79.7





#25

2-Butanone

Concen: 1.850 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

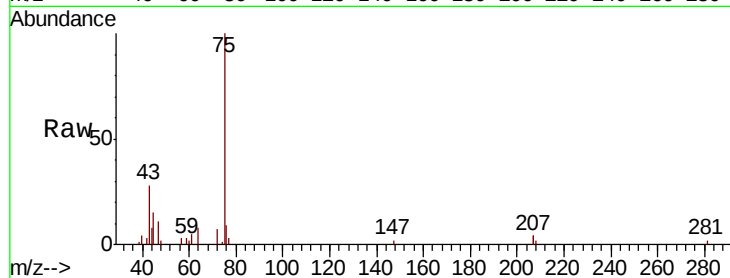
TW-2

Tot Ion: 43 Resp: 3649

Ion Ratio Lower Upper

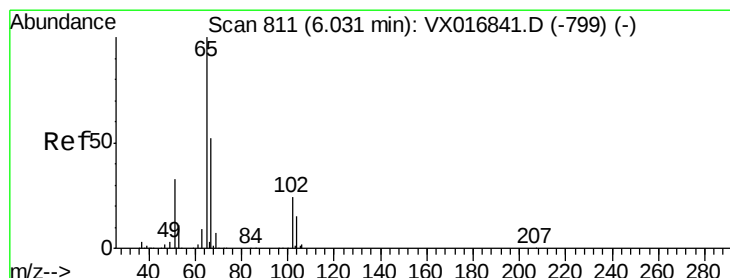
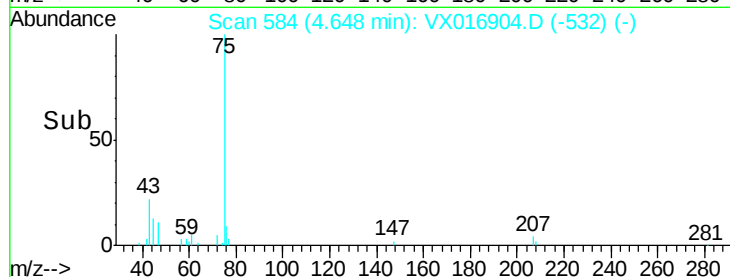
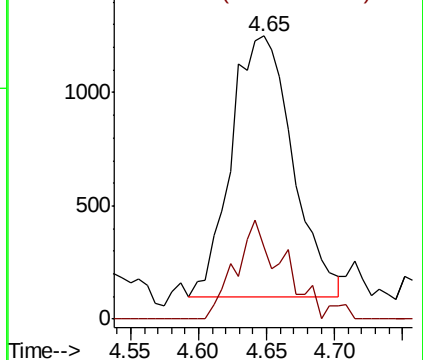
43 100

72 27.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.645 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016904.D

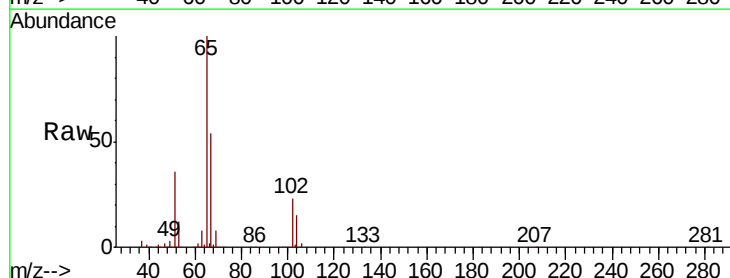
Acq: 20 Jun 2020 03:37

Tgt Ion: 65 Resp: 184121

Ion Ratio Lower Upper

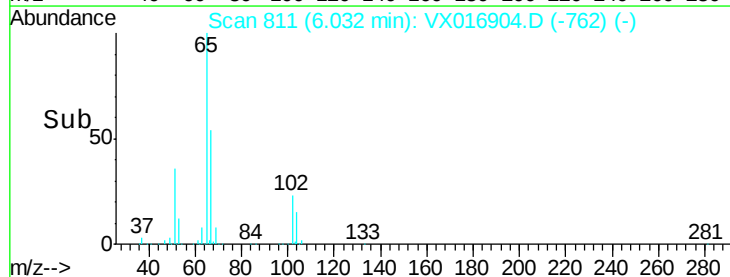
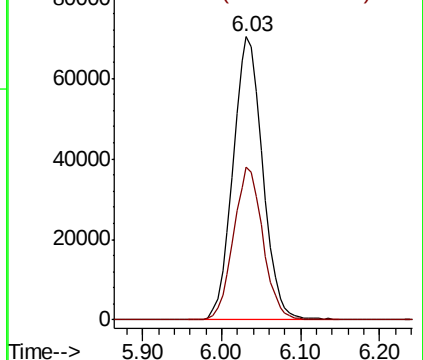
65 100

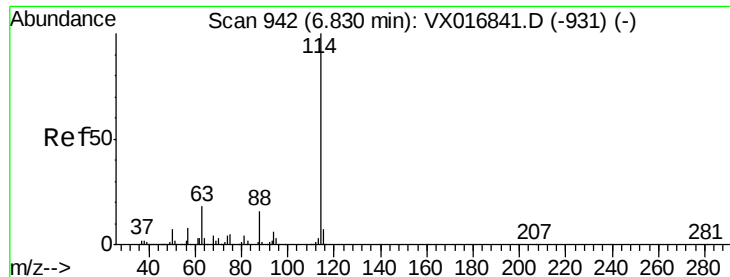
67 53.5 0.0 102.6



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: VX016904.D

Acq: 20 Jun 2020 03:37

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MSVOA_X

ClientSampleId :

TW-2

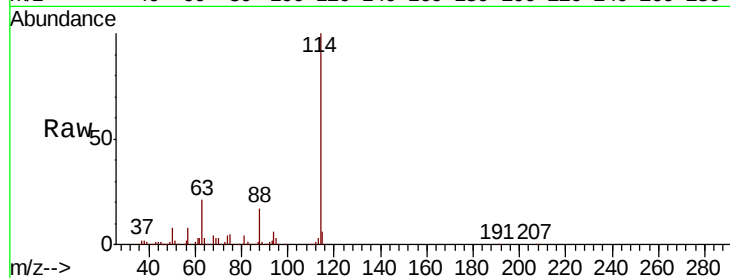
Tot Ion:114 Resp: 525457

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.0

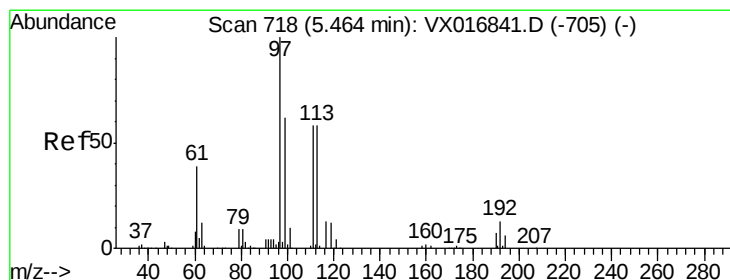
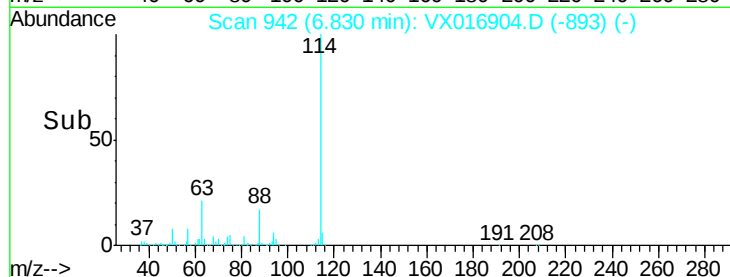
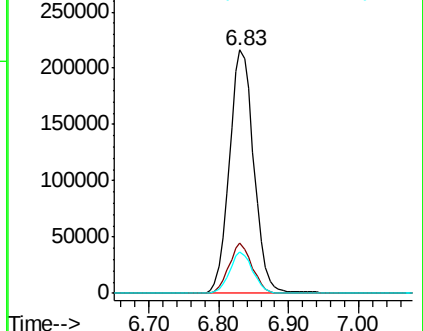
88 16.9 0.0 32.0



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: 47.863 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

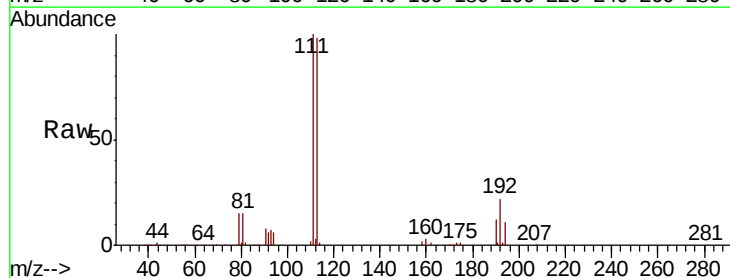
Tgt Ion:113 Resp: 160885

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

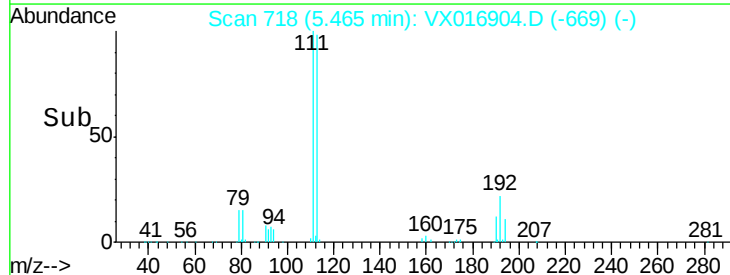
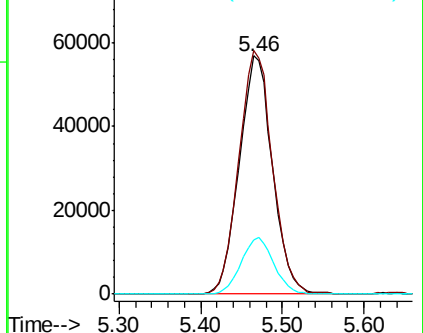
192 23.4 18.5 27.7

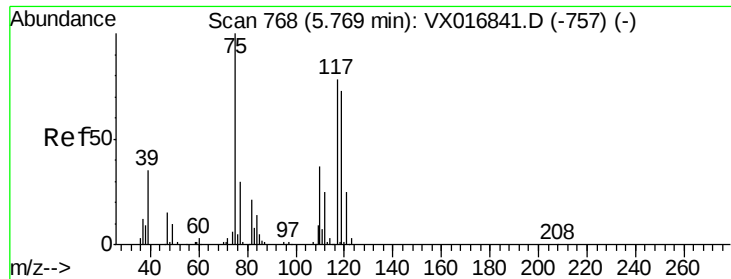


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.641 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

TW-2

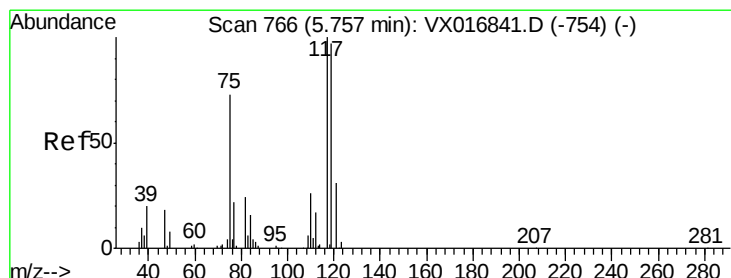
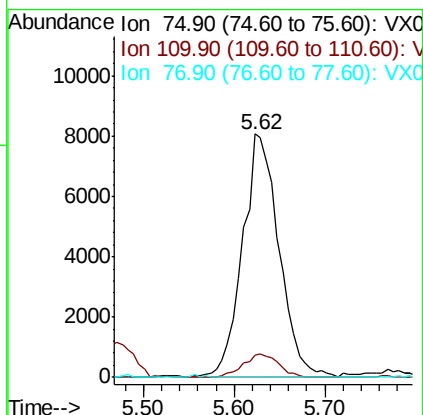
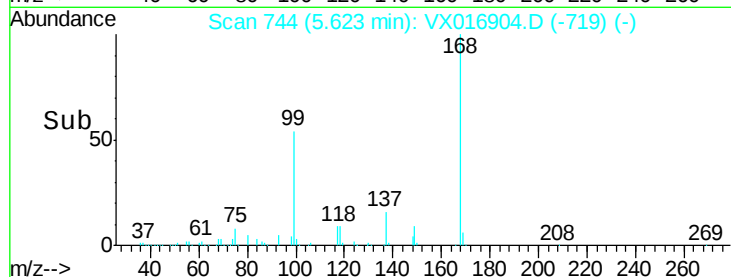
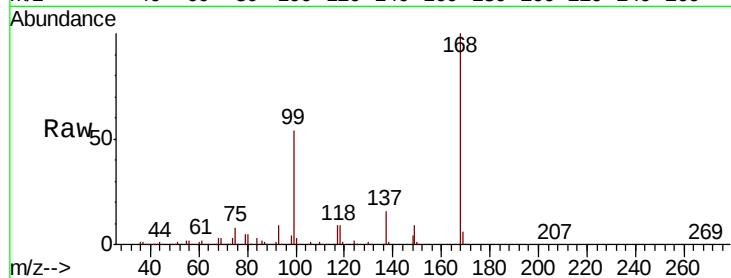
Tot Ion: 75 Resp: 22516

Ion Ratio Lower Upper

75 100

110 9.2 18.9 56.9#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

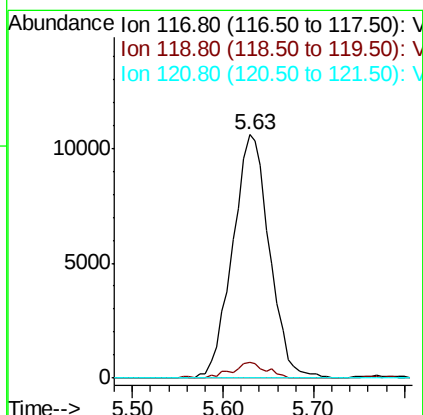
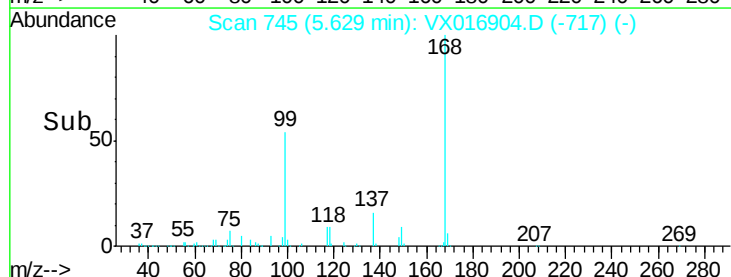
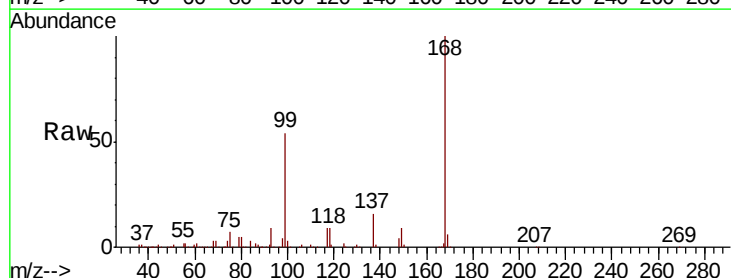
Tgt Ion: 117 Resp: 29774

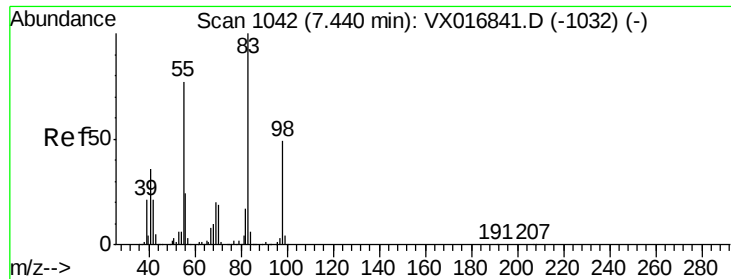
Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.2#

121 0.0 24.7 37.1#

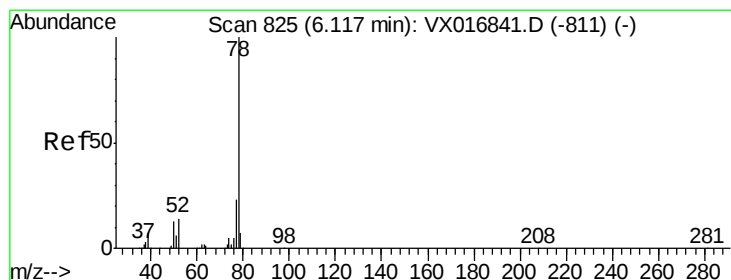
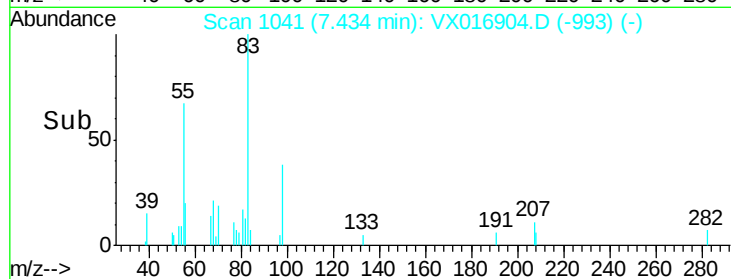
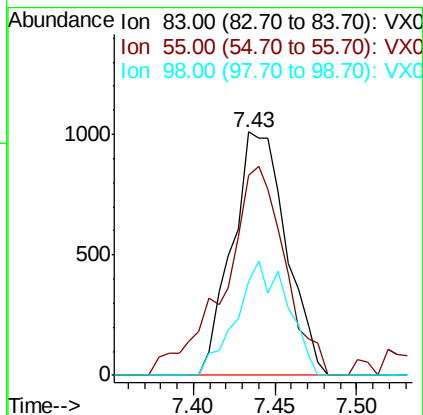
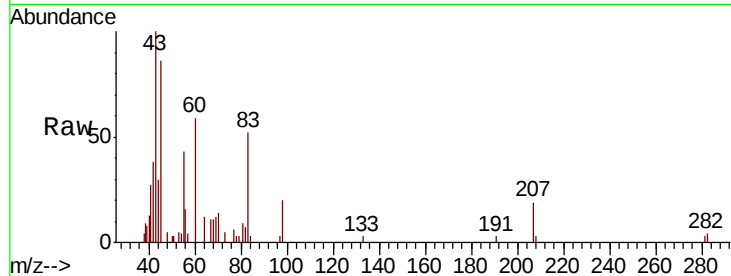




#39
Methvlcvclohexane
Concen: 0.412 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

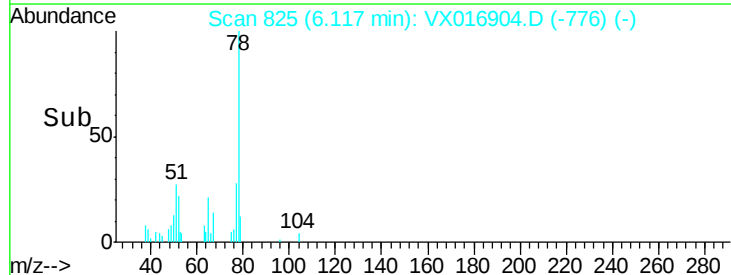
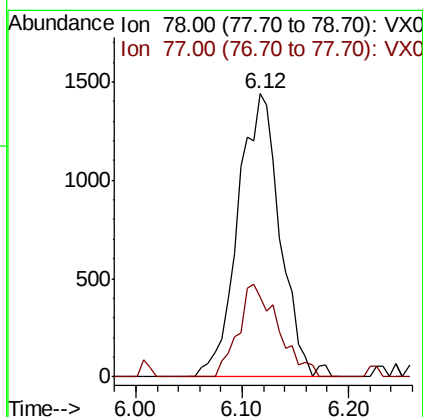
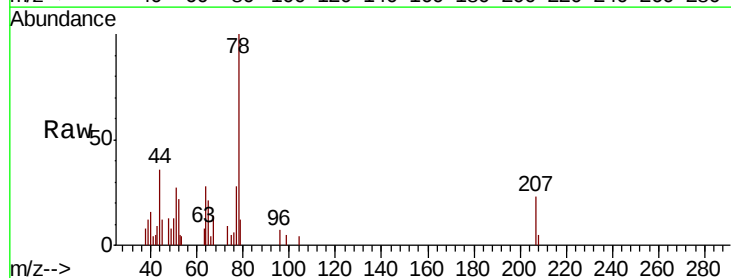
Instrument :
MSVOA_X
ClientSampled :
TW-2

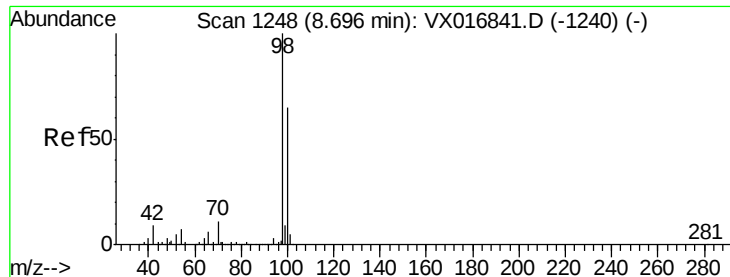
Tot Ion: 83 Resp: 2326
Ion Ratio Lower Upper
83 100
55 82.3 61.7 92.5
98 38.4 39.0 58.6#



#40
Benzene
Concen: 0.275 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 78 Resp: 3998
Ion Ratio Lower Upper
78 100
77 28.2 18.6 27.8#

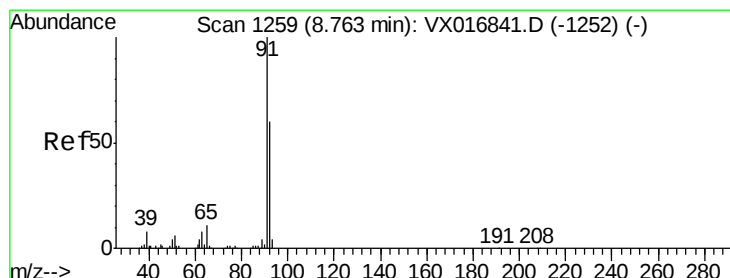
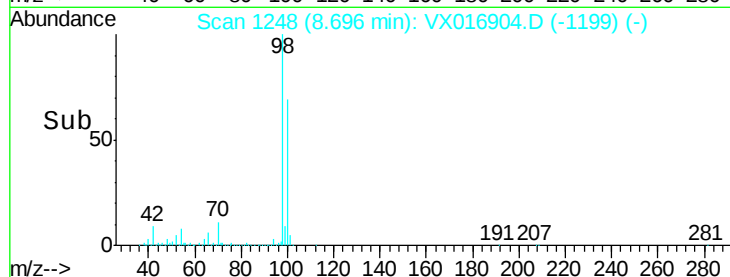
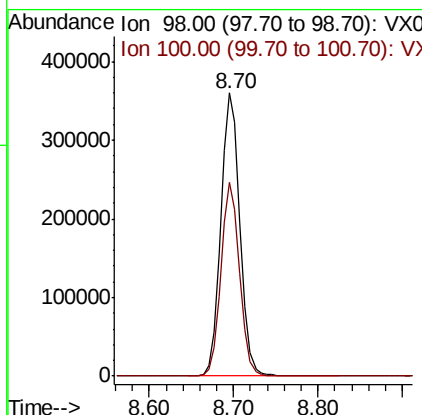
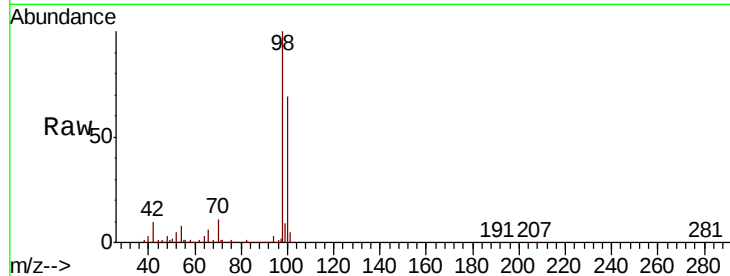




#50
Toluene-d8
Concen: 41.778 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

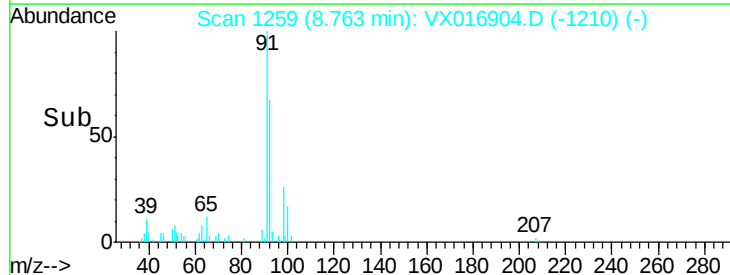
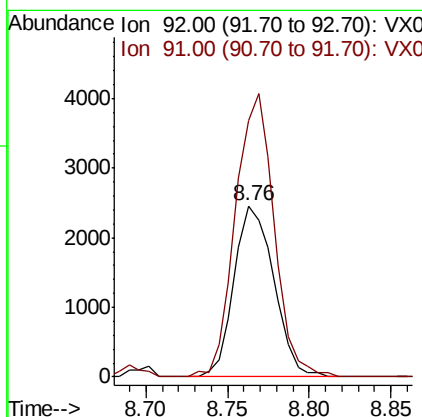
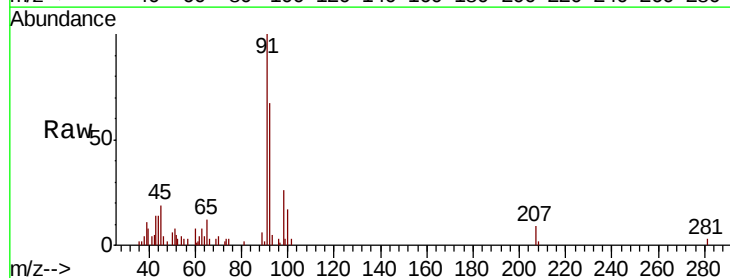
Instrument :
MSVOA_X
ClientSampleId :
TW-2

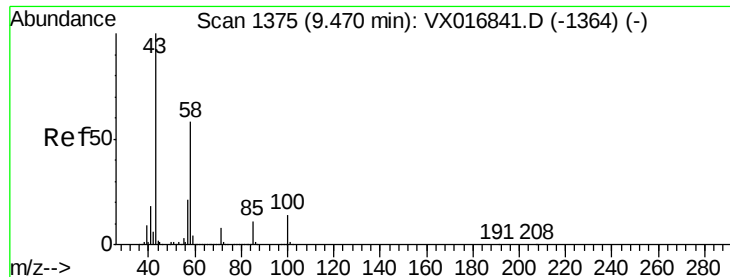
Tot Ion: 98 Resp: 561842
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0



#52
Toluene
Concen: 0.433 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 92 Resp: 4186
Ion Ratio Lower Upper
92 100
91 161.4 134.2 201.2

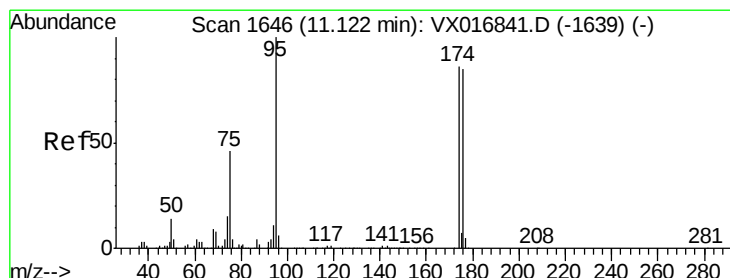
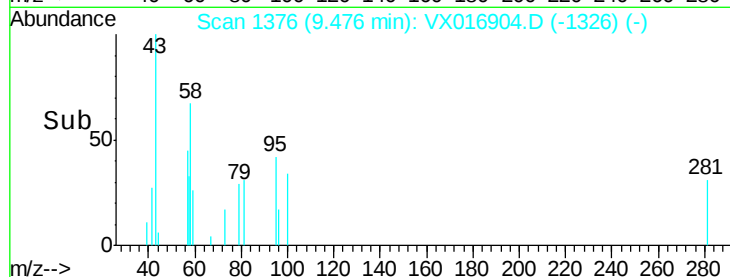
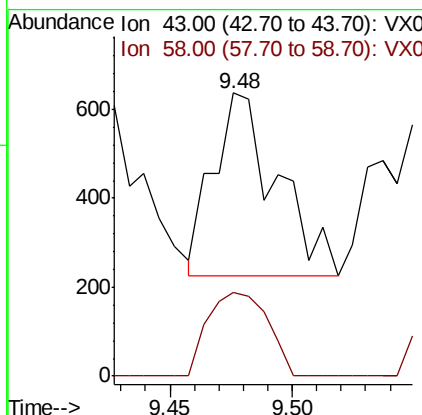
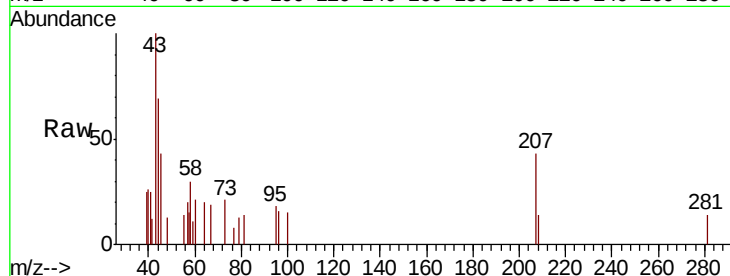




#59
2-Hexanone
Concen: 0.226 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

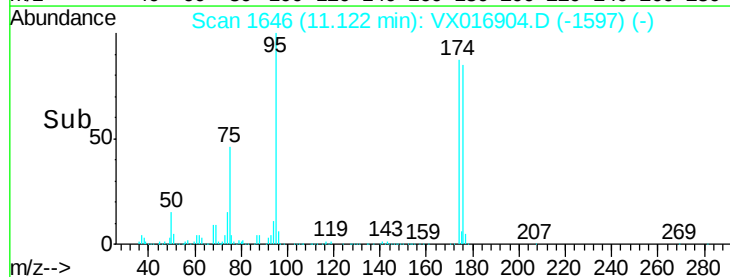
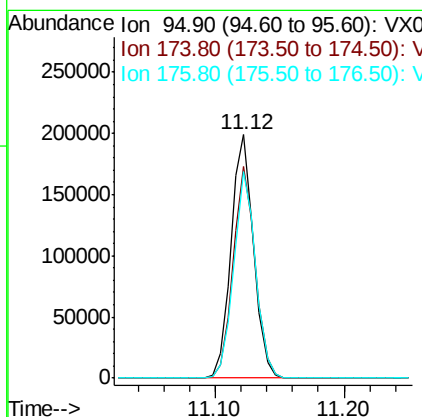
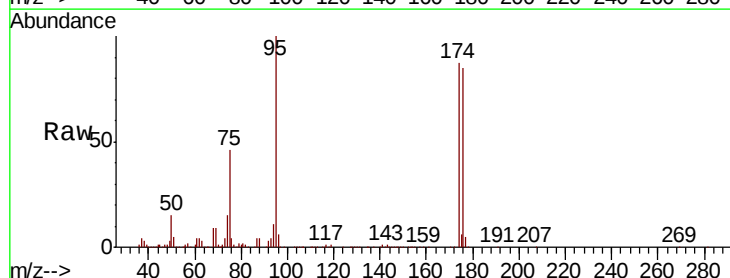
Instrument :
MSVOA_X
ClientSampleId :
TW-2

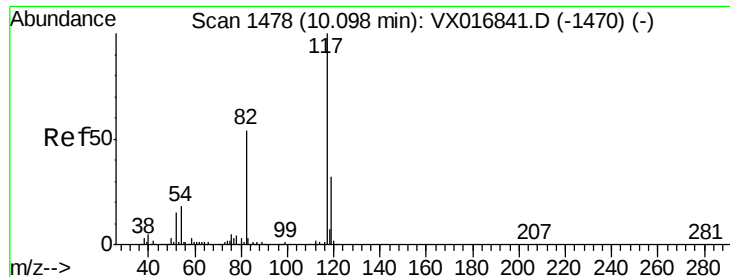
Tot Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 43.4 29.8 89.4



#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 95 Resp: 243565
Ion Ratio Lower Upper
95 100
174 85.5 0.0 174.2
176 82.6 0.0 170.0

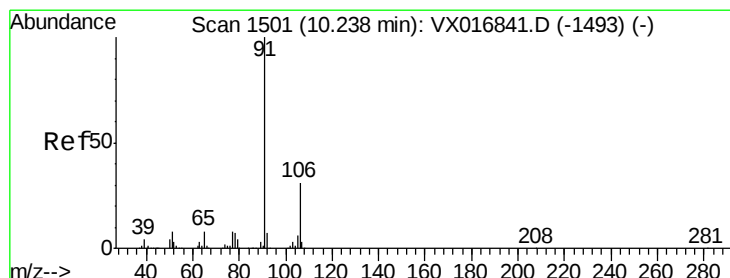
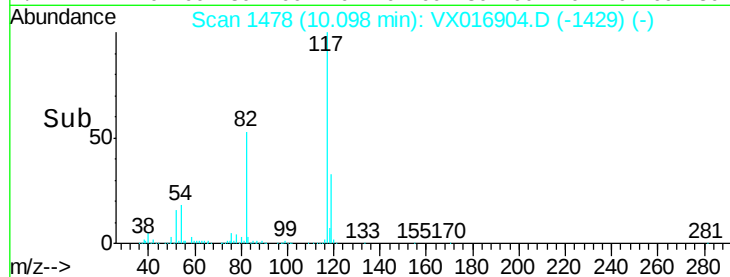
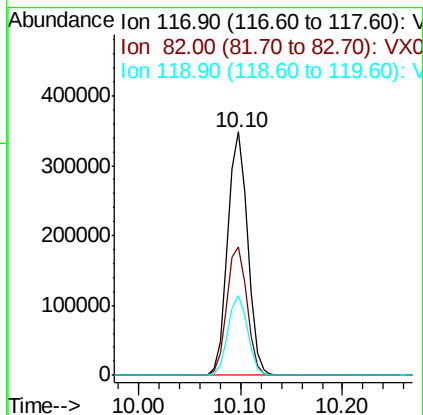
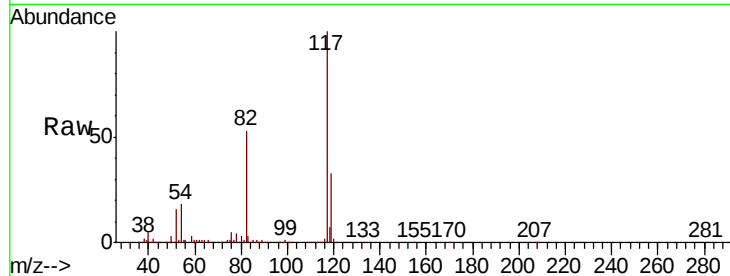




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

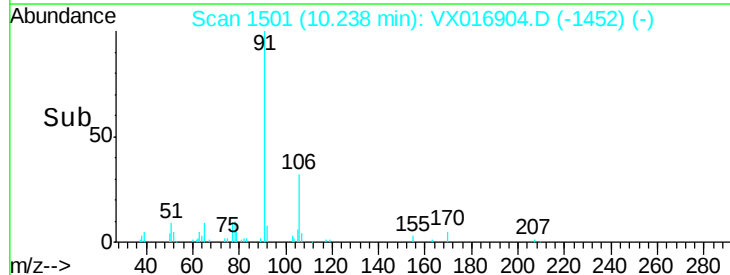
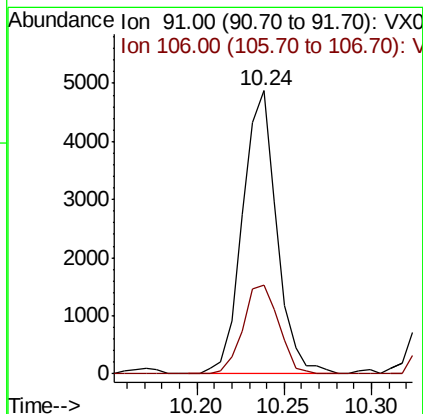
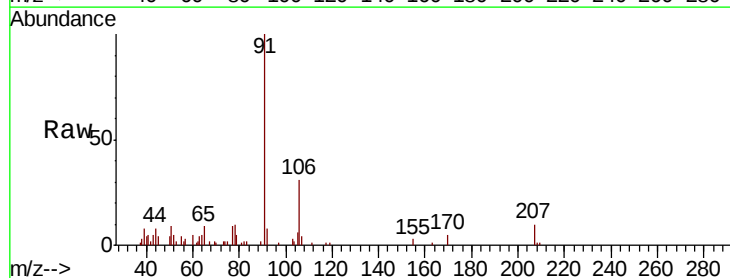
Instrument :
MSVOA_X
ClientSampled :
TW-2

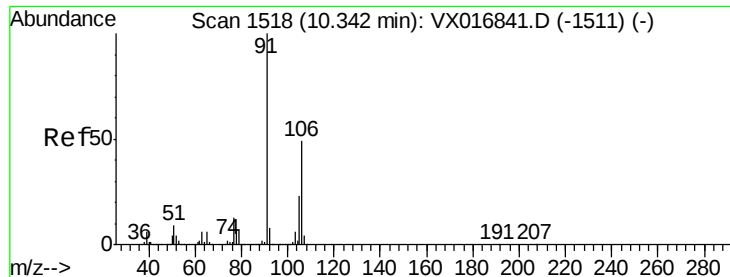
Tot Ion:117 Resp: 469069
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.5 25.7 38.5



#67
Ethyl Benzene
Concen: 0.414 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 91 Resp: 6630
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7





#68

m/p-Xvlenes

Concen: 0.811 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

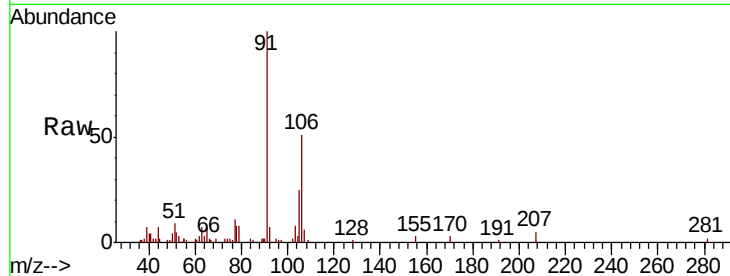
TW-2

Tot Ion:106 Resp: 5057

Ion Ratio Lower Upper

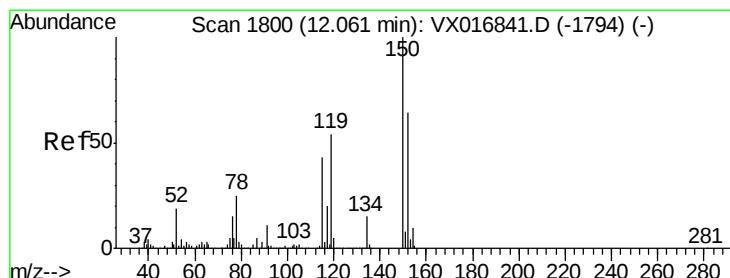
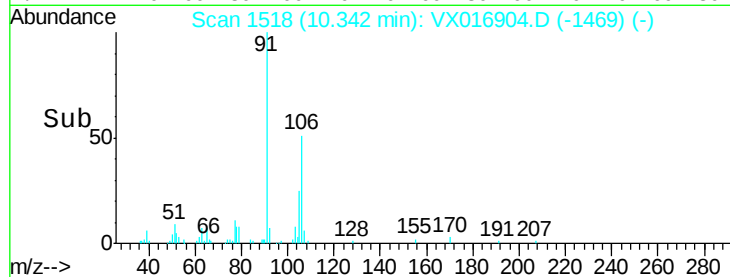
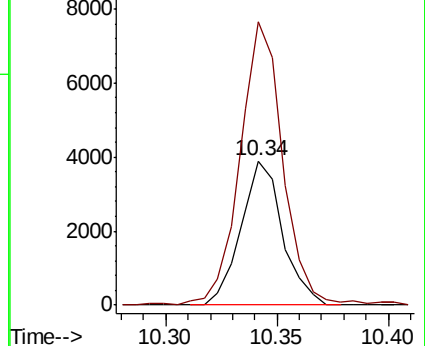
106 100

91 205.5 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

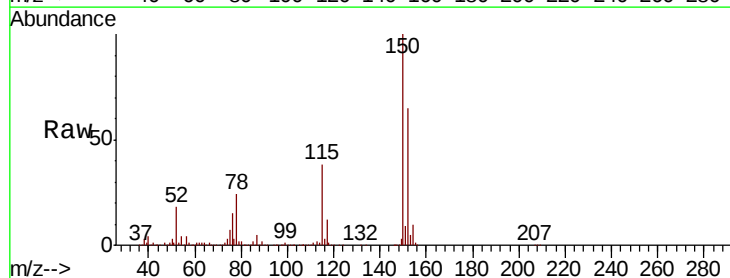
Tgt Ion:152 Resp: 251661

Ion Ratio Lower Upper

152 100

115 58.9 40.9 122.8

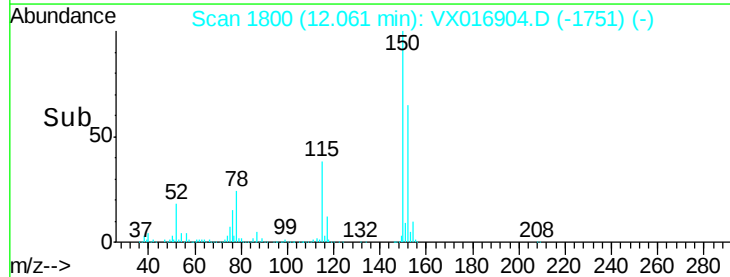
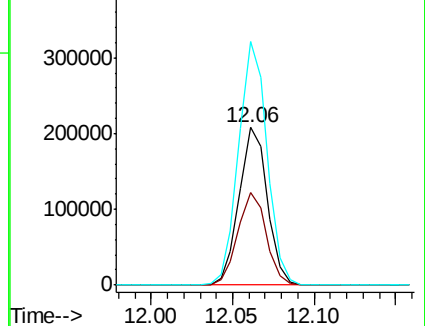
150 155.7 0.0 344.2

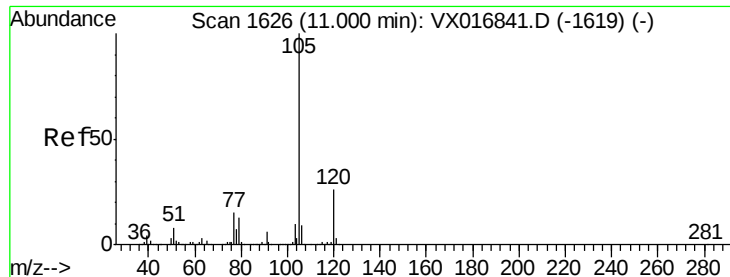


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.322 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampleId :

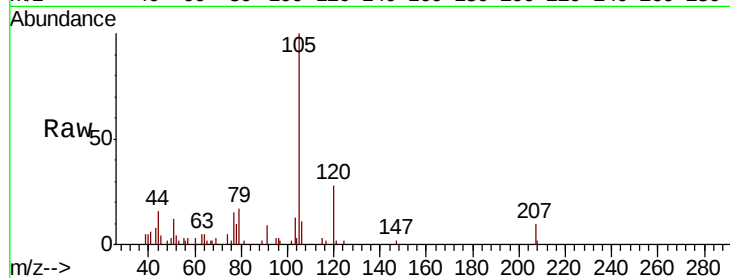
TW-2

Tot Ion:105 Resp: 5210

Ion Ratio Lower Upper

105 100

120 27.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

4000

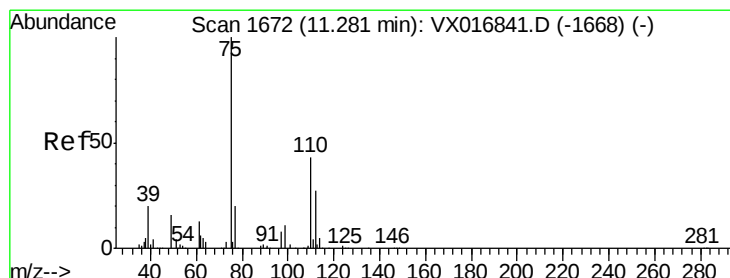
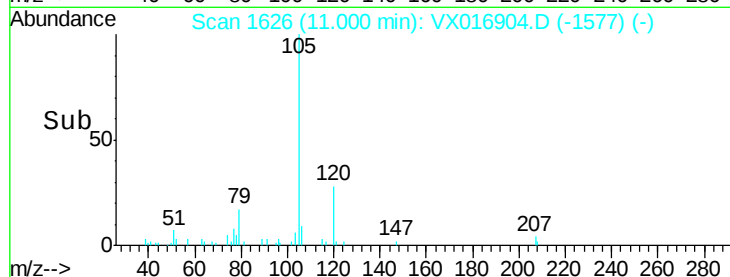
3000

2000

1000

0

Time--> 10.95 11.00 11.05



#76

1,2,3-Trichloropropane

Concen: 24.630 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016904.D

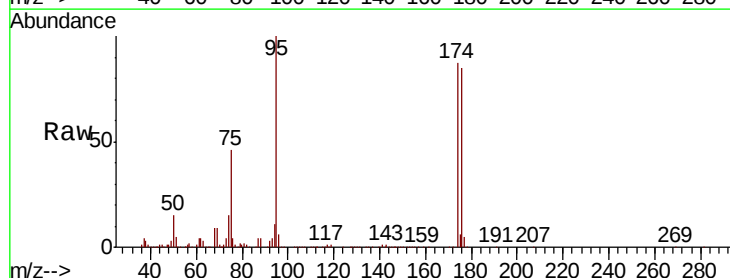
Acq: 20 Jun 2020 03:37

Tgt Ion: 75 Resp: 113202

Ion Ratio Lower Upper

75 100

77 1.4 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

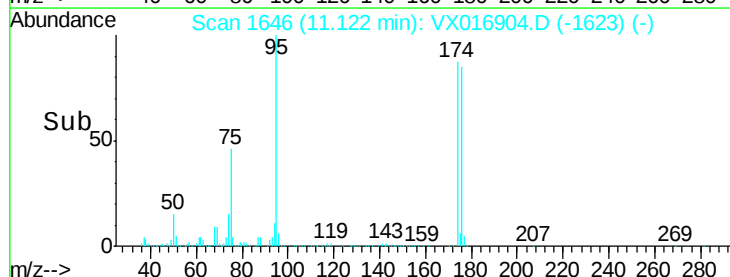
60000

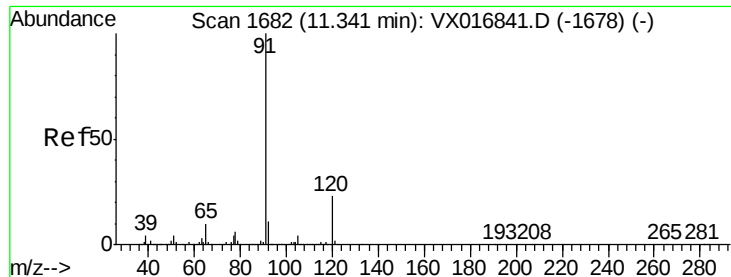
40000

20000

0

Time--> 11.10 11.20

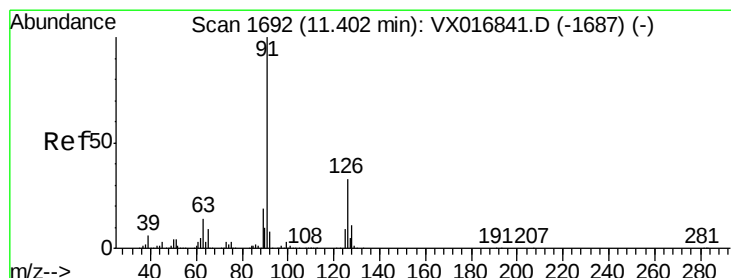
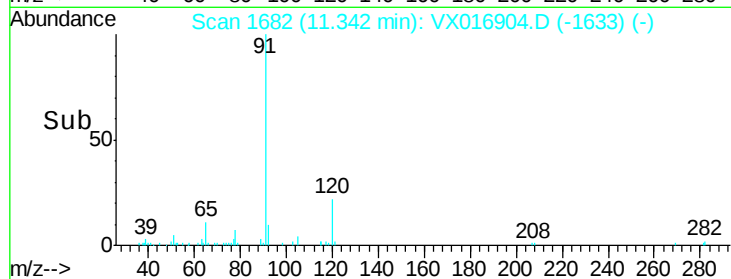
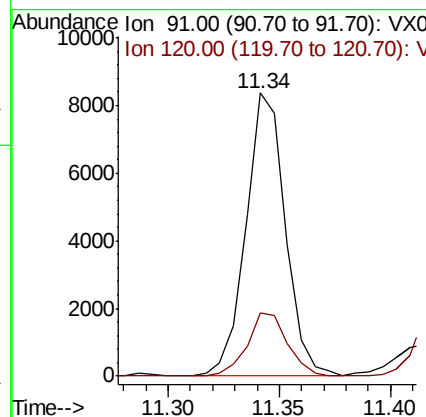
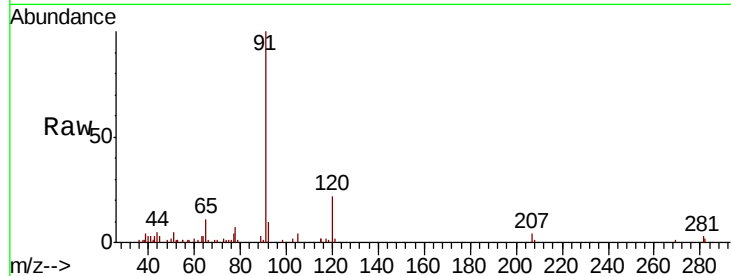




#78
n-propylbenzene
Concen: 0.572 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

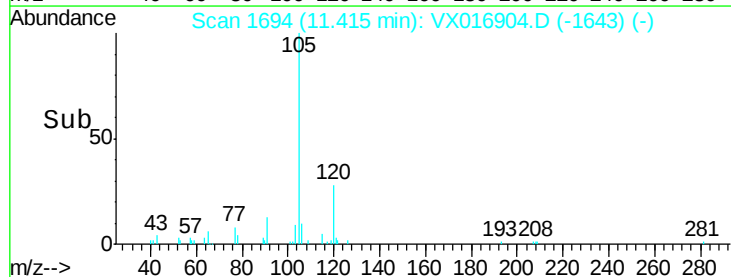
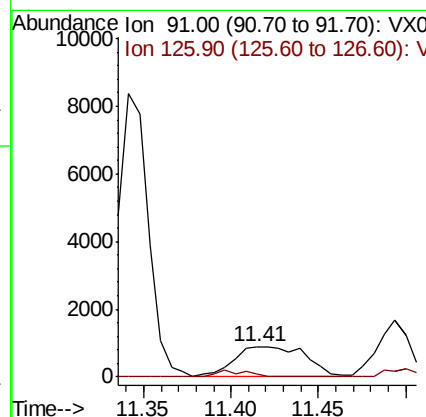
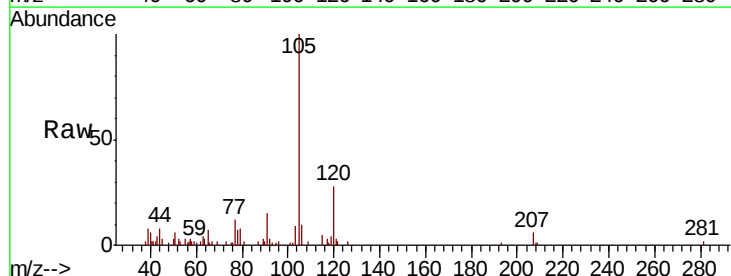
Instrument :
MSVOA_X
ClientSampled :
TW-2

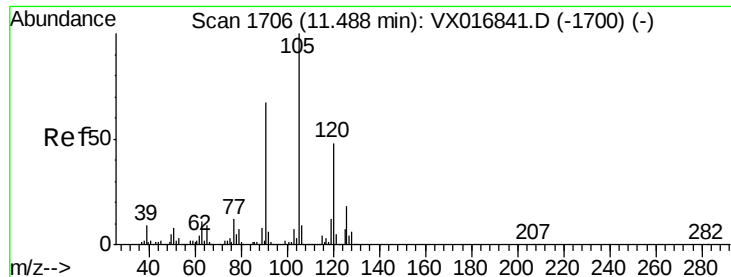
Tot Ion: 91 Resp: 10339
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.234 ug/l
RT: 11.41 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 91 Resp: 2587
Ion Ratio Lower Upper
91 100
126 8.6 17.2 51.5#

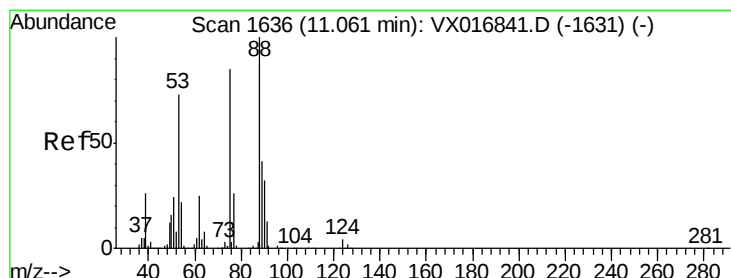
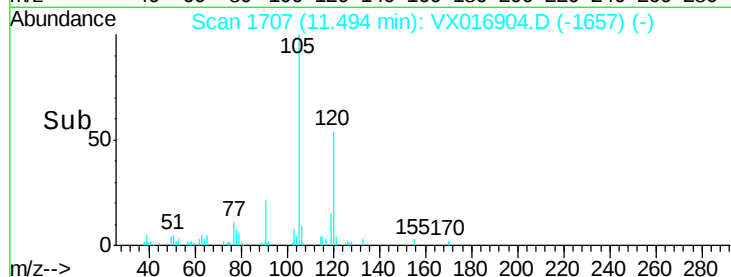
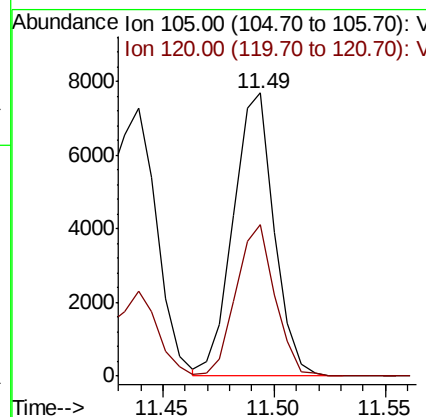
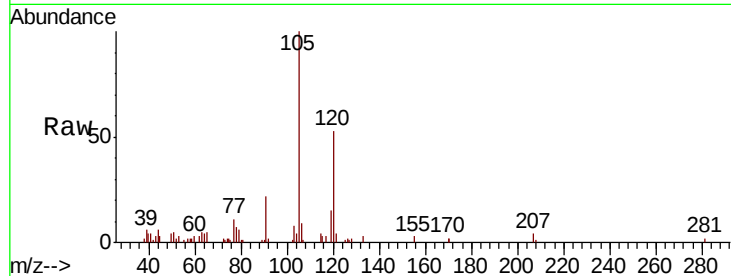




#80
 1,3,5-Trimethylbenzene
 Concen: 0.704 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

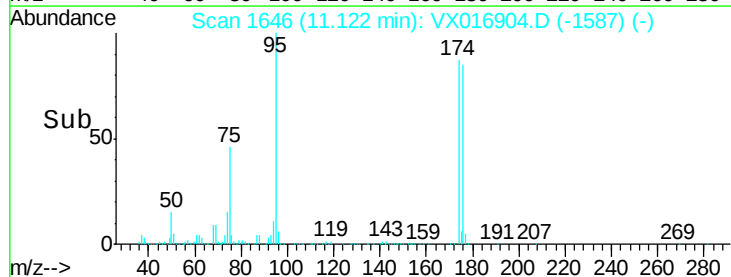
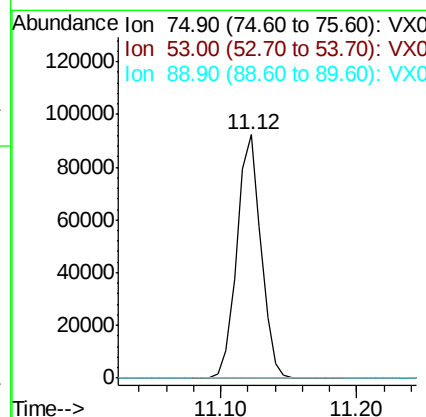
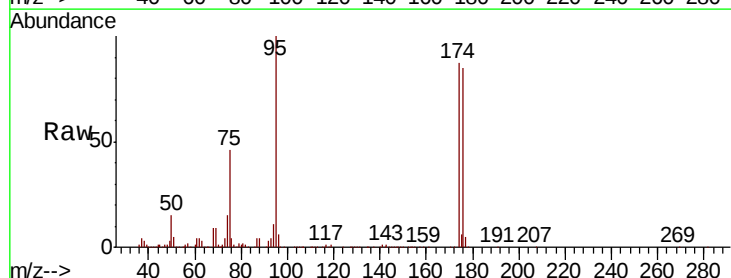
Instrument :
 MSVOA_X
 ClientSampled :
 TW-2

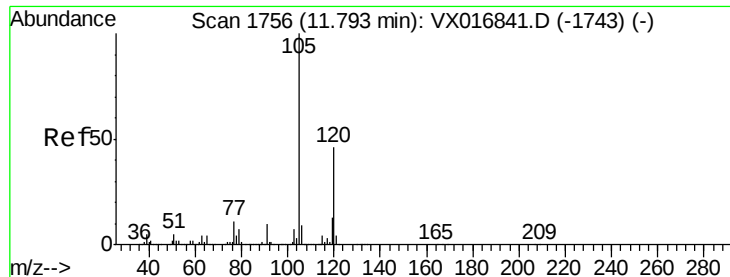
Tot Ion:105 Resp: 9842
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.314 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

Tgt Ion: 75 Resp: 113202
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.8#
 89 0.0 38.3 57.5#

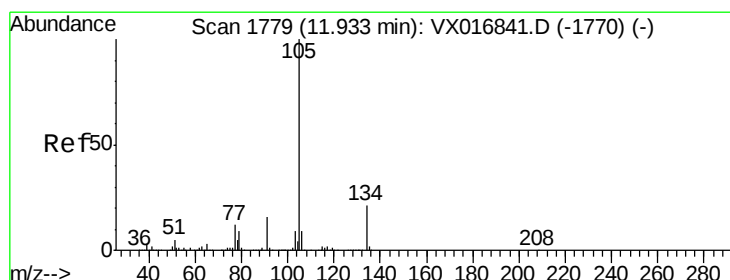
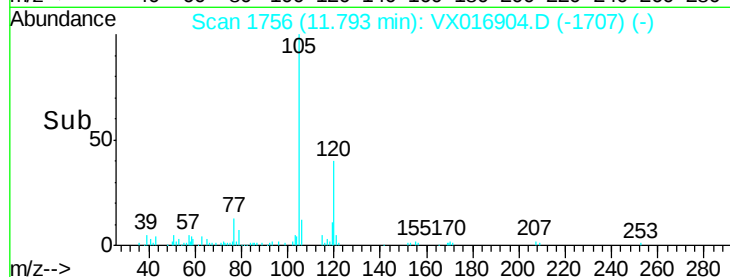
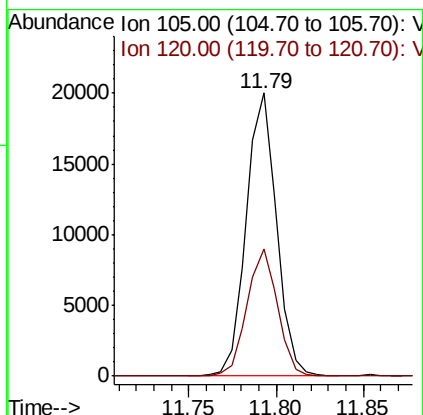
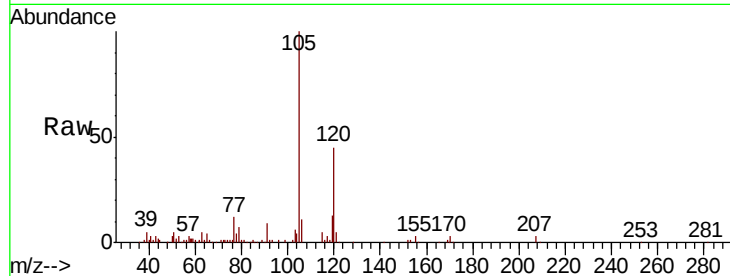




#84
 1,2,4-Trimethylbenzene
 Concen: 1.673 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

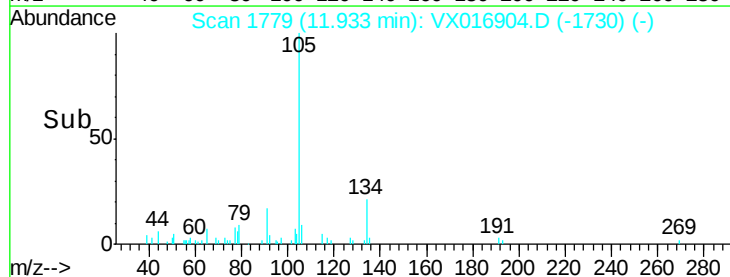
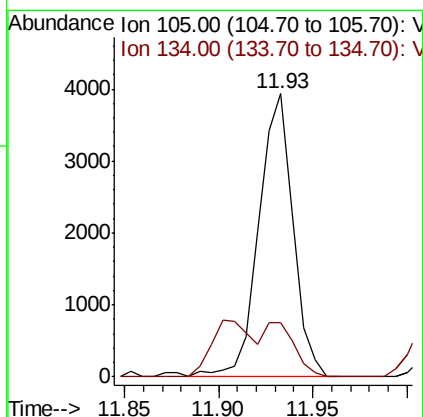
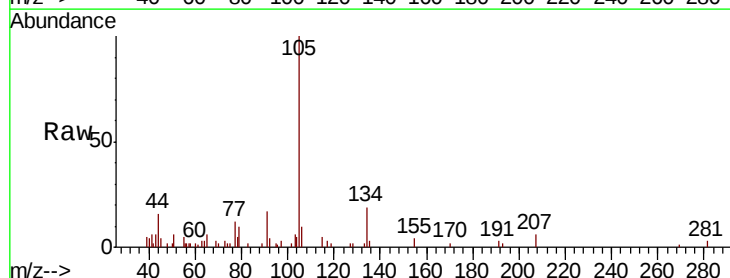
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-2

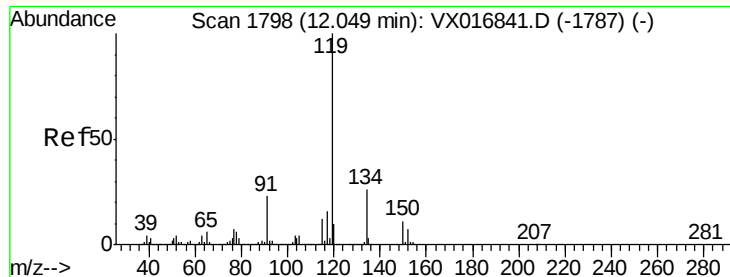
Tot Ion:105 Resp: 24092
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 0.308 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016904.D
 Acq: 20 Jun 2020 03:37

Tgt Ion:105 Resp: 4940
 Ion Ratio Lower Upper
 105 100
 134 16.8 10.4 31.2

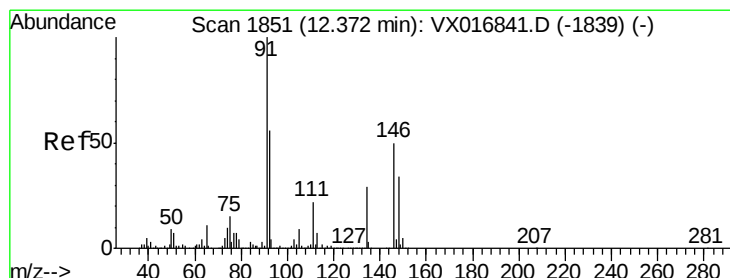
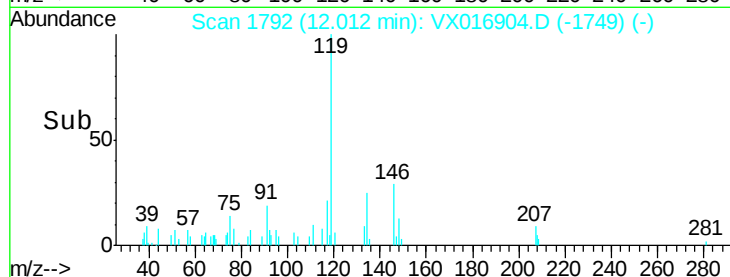
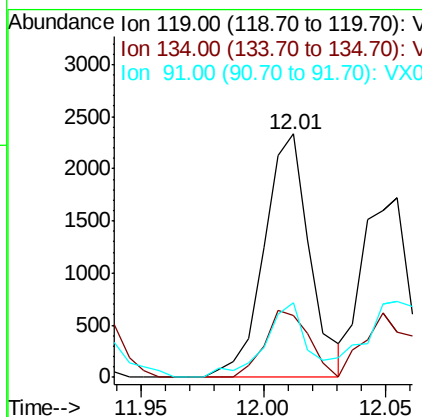
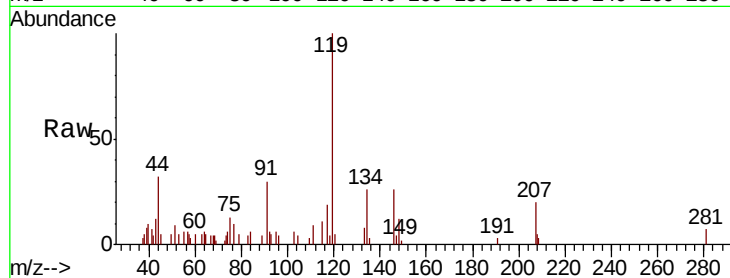




#86
p-Isopropyltoluene
Concen: 0.208 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

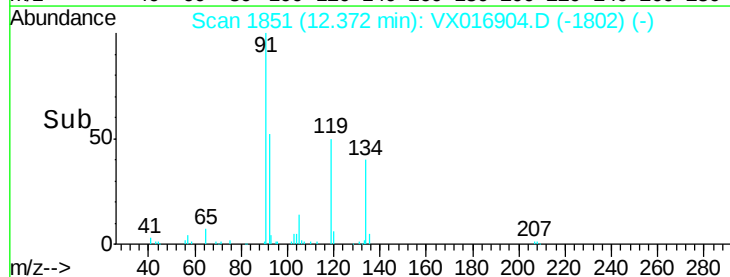
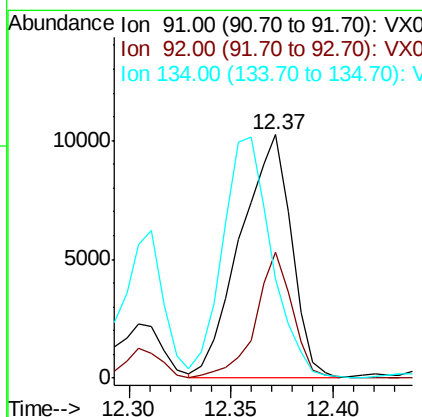
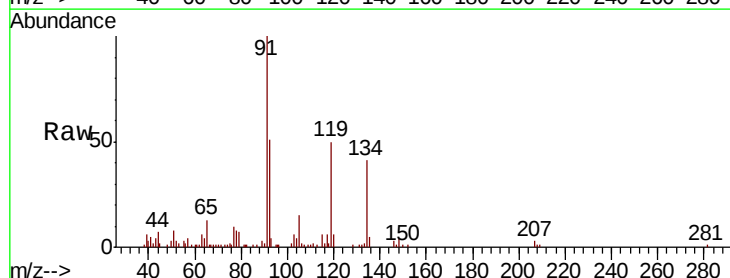
Instrument :
MSVOA_X
ClientSampled :
TW-2

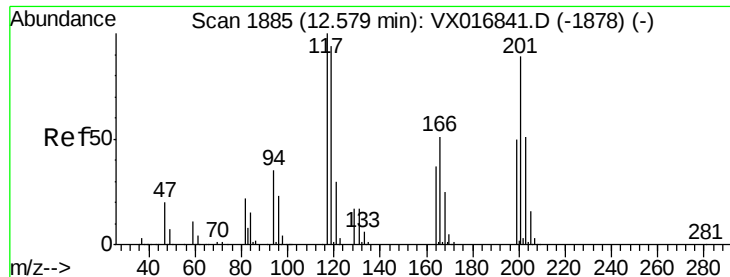
Tot Ion:119 Resp: 3059
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 27.7 11.6 34.8



#89
n-Butylbenzene
Concen: 1.410 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Tgt Ion: 91 Resp: 17793
Ion Ratio Lower Upper
91 100
92 37.8 27.4 82.2
134 94.4 13.9 41.6#





#90

Hexachloroethane

Concen: 0.545 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

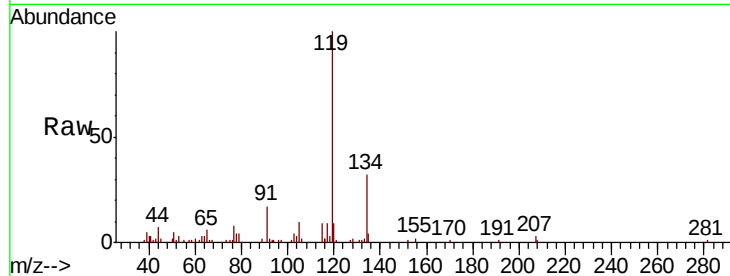
TW-2

Tot Ion:117 Resp: 1445

Ion Ratio Lower Upper

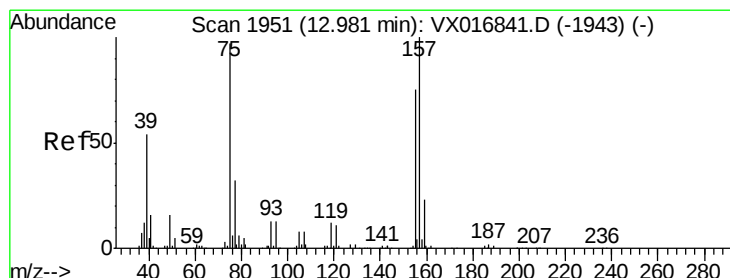
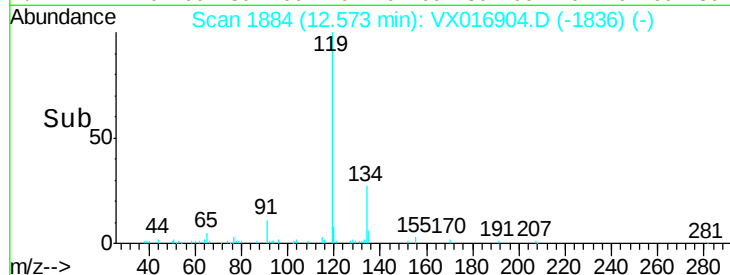
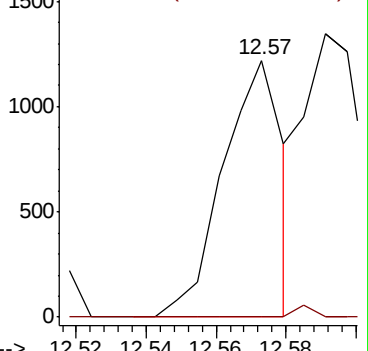
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.217 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

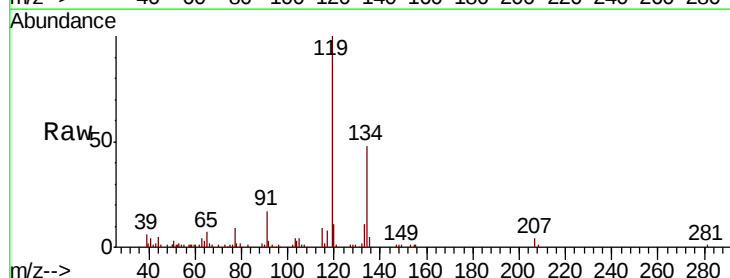
Tgt Ion: 75 Resp: 235

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

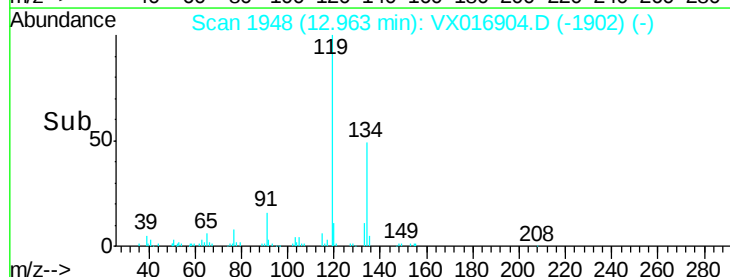
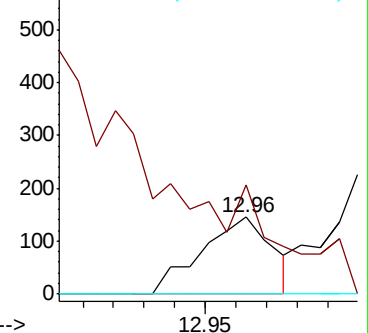
157 0.0 58.6 175.8#

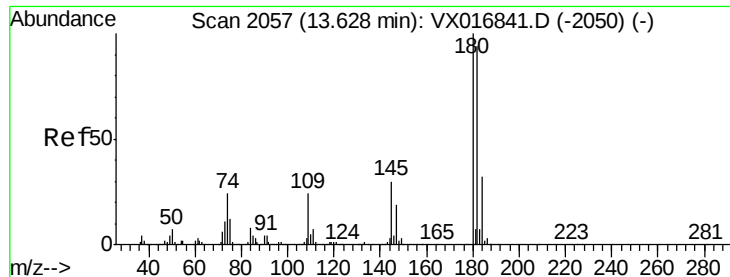


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.227 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

Instrument :

MSVOA_X

ClientSampled :

TW-2

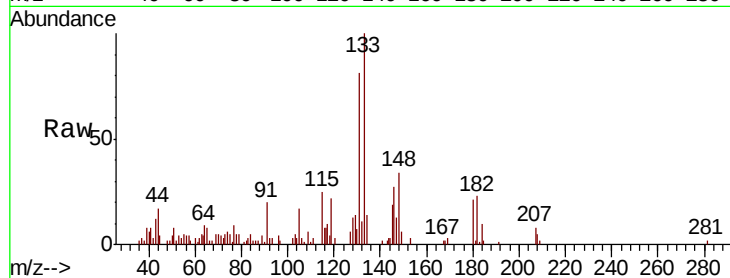
Tot Ion:180 Resp: 1190

Ion Ratio Lower Upper

180 100

182 105.0 47.7 143.1

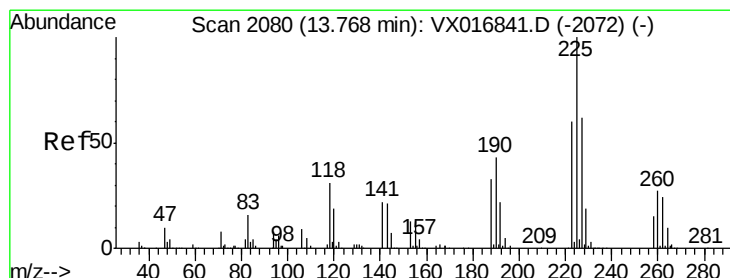
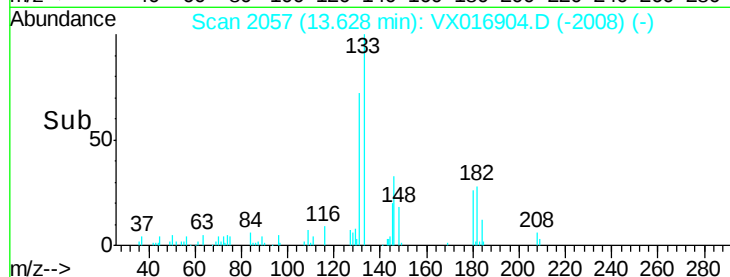
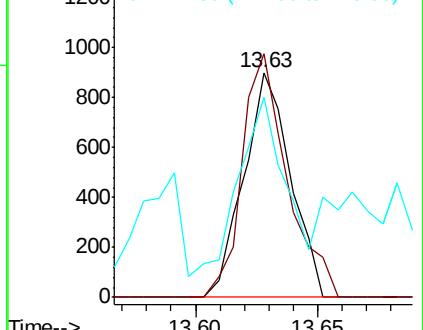
145 65.5 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.233 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016904.D

Acq: 20 Jun 2020 03:37

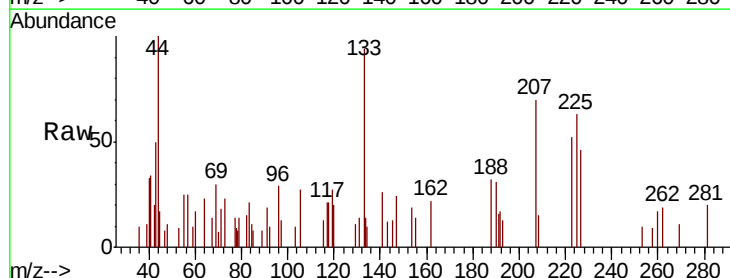
Tgt Ion:225 Resp: 550

Ion Ratio Lower Upper

225 100

223 73.1 32.1 96.5

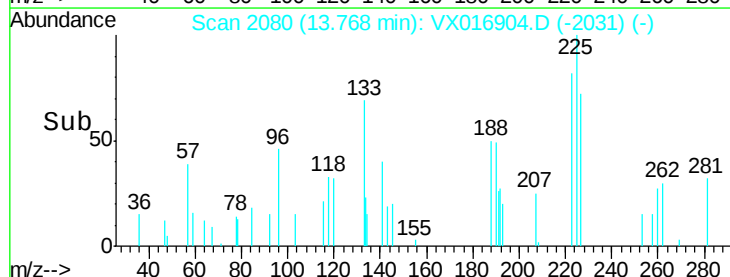
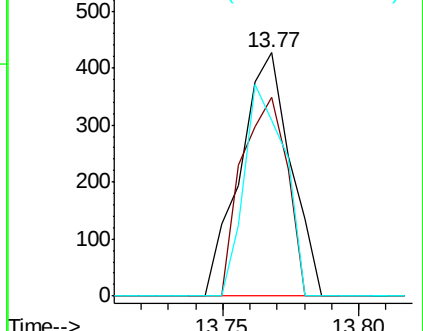
227 69.6 32.3 96.8

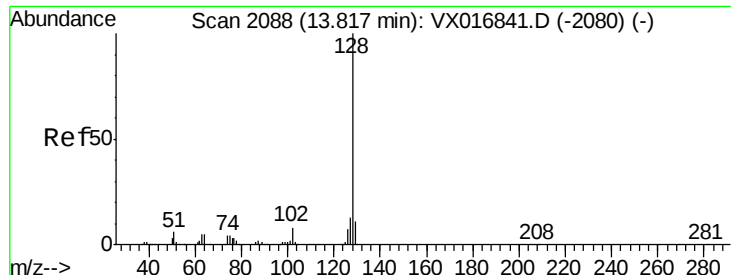


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

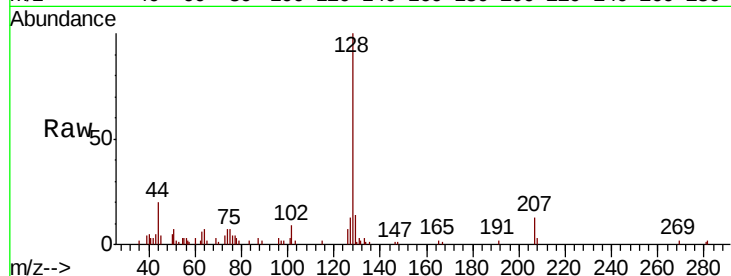




#95
Naphthalene
Concen: 0.429 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016904.D
Acq: 20 Jun 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	17.8	8.6	13.0



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

