

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016551.D
 Acq On : 02 Jun 2020 13:03
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 03 04:07:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	342601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	556438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	550890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	289640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	193222	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.46	113	159346	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	8.70	98	689464	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.12	95	284708	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	896	0.220	ug/l #	81
5) Bromomethane	1.64	94	1105	0.527	ug/l #	51
10) Methyl Iodide	2.50	142	1054	3.321	ug/l #	96
11) Tert butyl alcohol	3.01	59	487	0.446	ug/l #	72
13) Acrolein	2.27	56	888	1.913	ug/l	91
15) Acrylonitrile	3.12	53	1791	0.801	ug/l	98
16) Acetone	2.42	43	2388	1.281	ug/l	97
17) Carbon Disulfide	2.55	76	7080	0.723	ug/l	99
18) Methyl Acetate	2.76	43	1275	0.267	ug/l #	79
20) Methylene Chloride	2.84	84	861	0.223	ug/l #	82
21) trans-1,2-Dichloroethene	3.15	96	1585	0.435	ug/l #	82
23) Vinyl Acetate	3.79	43	2787	0.273	ug/l	96
25) 2-Butanone	4.64	43	3282	1.039	ug/l	99
29) Tetrahydrofuran	5.10	42	520	0.255	ug/l #	49
36) 1,1-Dichloropropene	5.78	75	1620	0.307	ug/l	92
38) Carbon Tetrachloride	5.64	117	32274	5.829	ug/l #	15
39) Methylcyclohexane	7.45	83	1207	0.211	ug/l	92
44) Trichloroethene	7.20	130	1252	0.252	ug/l	84
49) 1,4-Dioxane	7.73	88	125	1.131	ug/l #	1
52) Toluene	8.77	92	4932	0.499	ug/l	99
59) 2-Hexanone	9.47	43	1282	0.268	ug/l	82
64) Tetrachloroethene	9.32	164	1566	0.254	ug/l #	85
65) Chlorobenzene	10.12	112	2312	0.206	ug/l	94
67) Ethyl Benzene	10.24	91	4267	0.213	ug/l #	85
68) m/p-Xylenes	10.35	106	3946	0.532	ug/l	100
69) o-Xylene	10.68	106	1527	0.213	ug/l	98
73) Isopropylbenzene	11.00	105	4337	0.216	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	135393	21.267	ug/l #	35
77) Bromobenzene	11.24	156	1205	0.229	ug/l	88
78) n-propylbenzene	11.34	91	7374	0.329	ug/l	99
79) 2-Chlorotoluene	11.40	91	3840	0.281	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	5129	0.306	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	135393	52.313	ug/l #	14
82) 4-Chlorotoluene	11.49	91	5848	0.362	ug/l	97

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

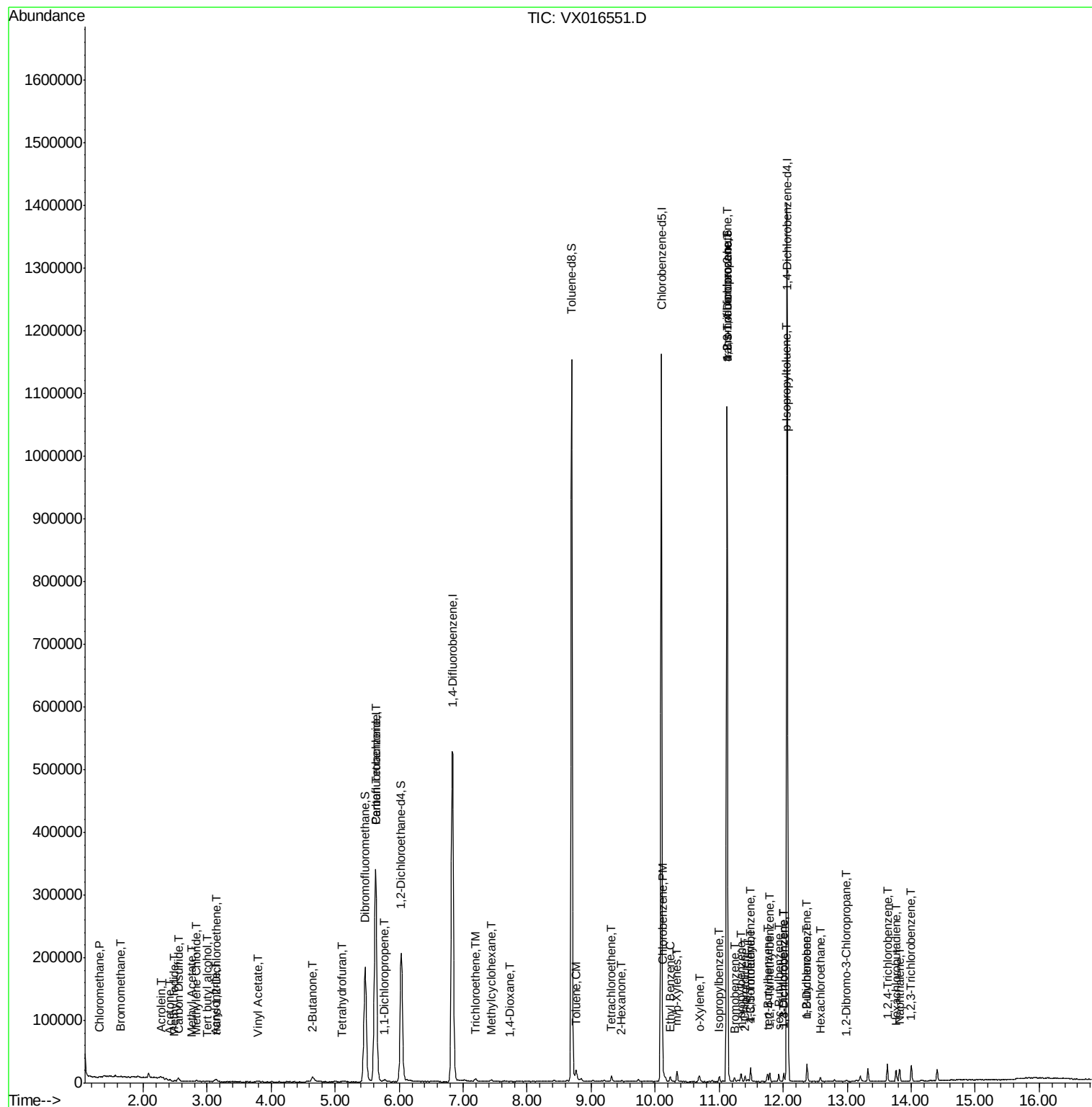
83) tert-Butylbenzene	11.76	119	4569	0.319	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	5790	0.342	ug/l	97
85) sec-Butylbenzene	11.93	105	6890	0.384	ug/l	96
86) p-Isopropyltoluene	12.05	119	7391	0.439	ug/l	85
87) 1,3-Dichlorobenzene	12.01	146	4287	0.470	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	4287	0.460	ug/l	96
89) n-Butylbenzene	12.37	91	8374	0.598	ug/l	96
90) Hexachloroethane	12.59	117	1018	0.350	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	3073	0.348	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	429	0.263	ug/l	70
93) 1,2,4-Trichlorobenzene	13.63	180	6472	1.103	ug/l	93
94) Hexachlorobutadiene	13.77	225	2482	1.077	ug/l	90
95) Naphthalene	13.82	128	12457	0.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	6530	1.136	ug/l	95

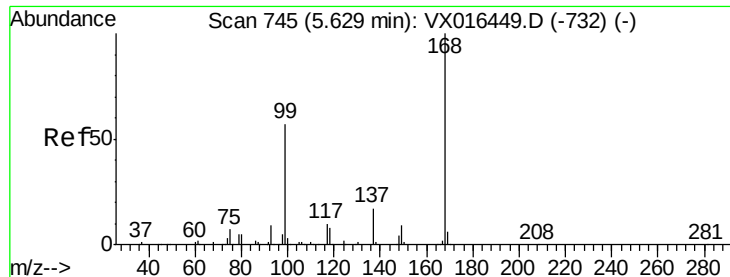
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
IBLK

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

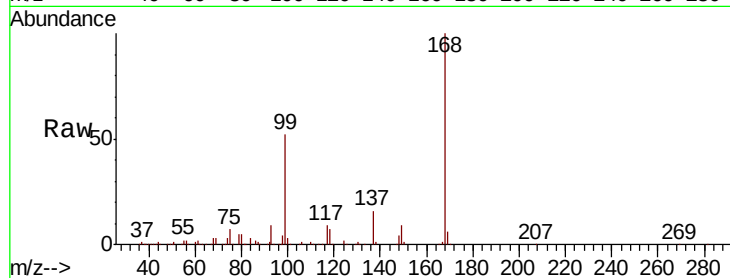
IBLK

Tot Ion:168 Resp: 342601

Ion Ratio Lower Upper

168 100

99 51.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

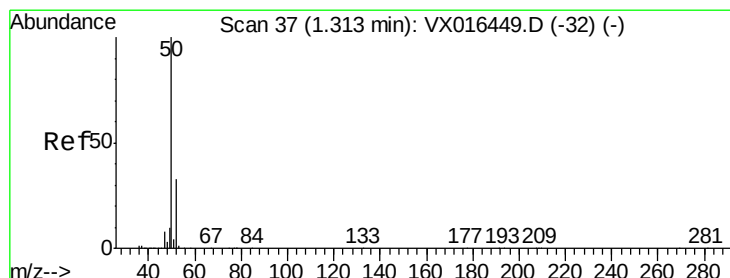
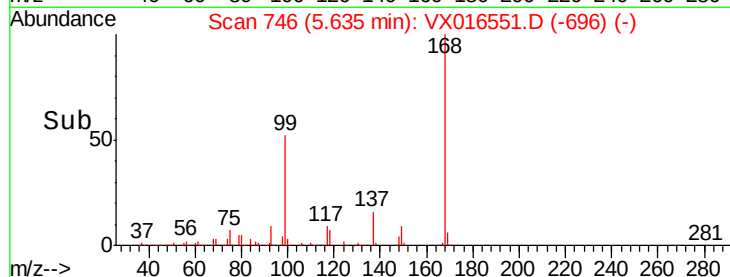
5.64

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016551.D

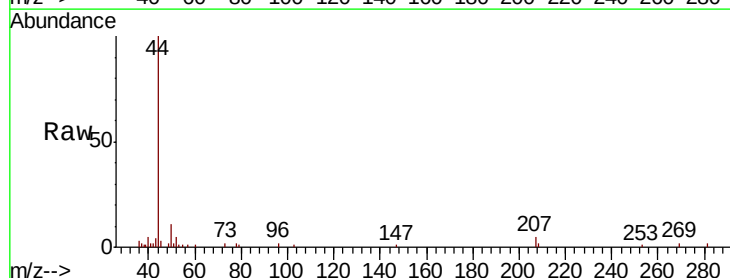
Acq: 02 Jun 2020 13:03

Tgt Ion: 50 Resp: 896

Ion Ratio Lower Upper

50 100

52 43.7 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

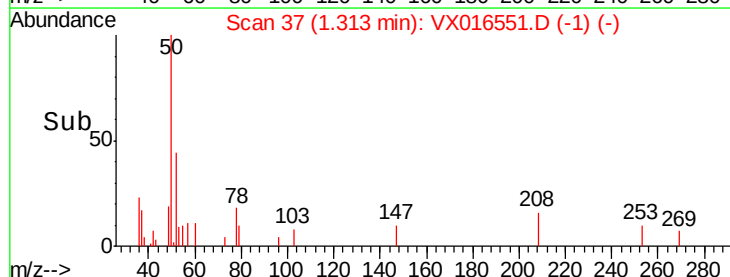
600

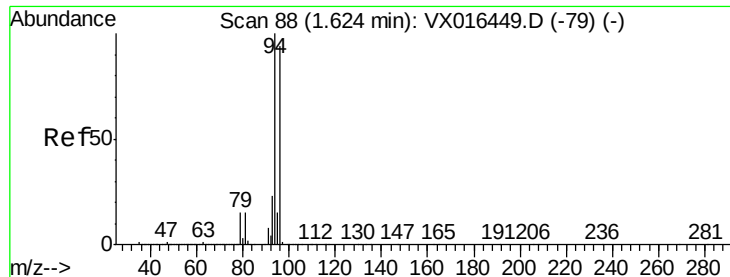
400

200

0

Time-->





#5

Bromomethane

Concen: 0.527 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

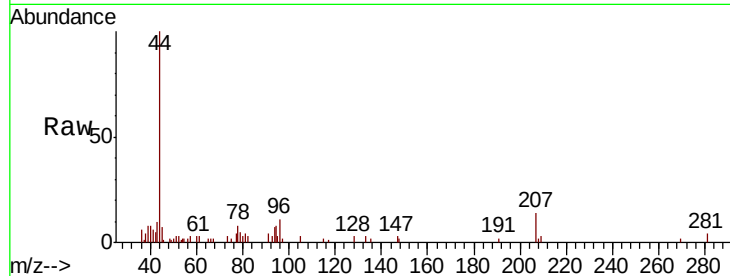
IBLK

Tot Ion: 94 Resp: 1105

Ion Ratio Lower Upper

94 100

96 46.5 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

300

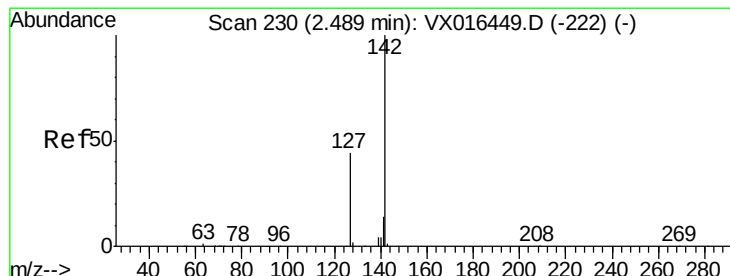
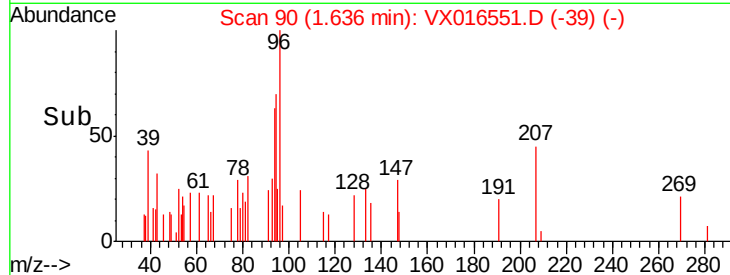
200

100

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 3.321 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

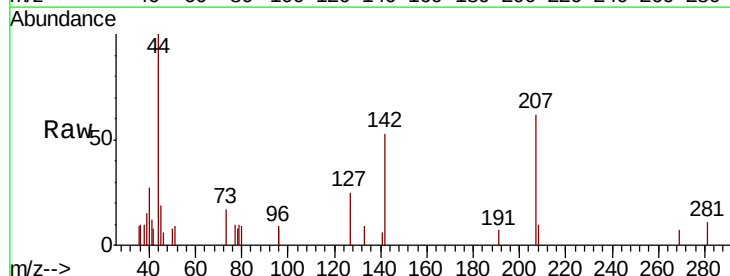
Tgt Ion:142 Resp: 1054

Ion Ratio Lower Upper

142 100

127 45.4 35.3 52.9

141 10.2 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

600

500

400

300

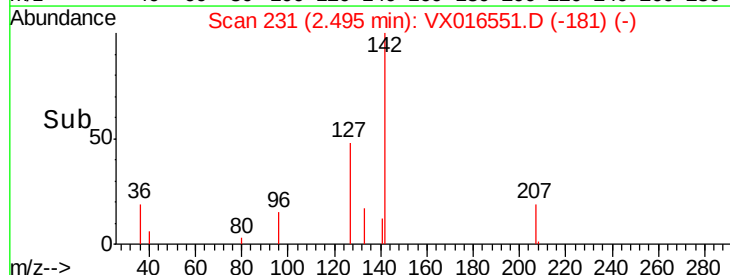
200

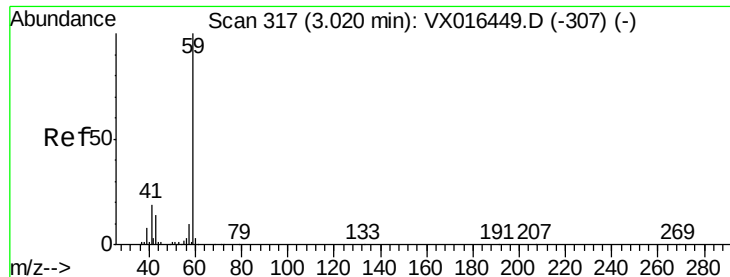
100

0

2.45 2.50 2.55

Time-->

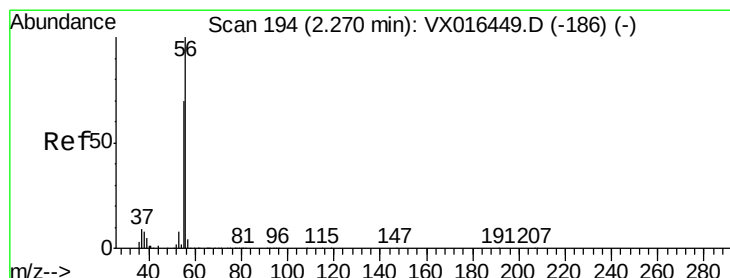
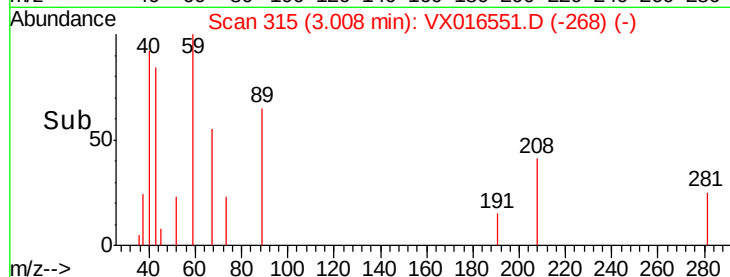
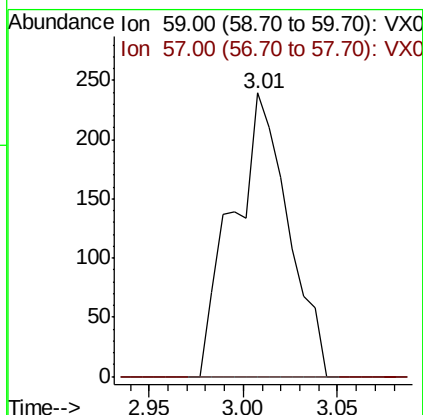
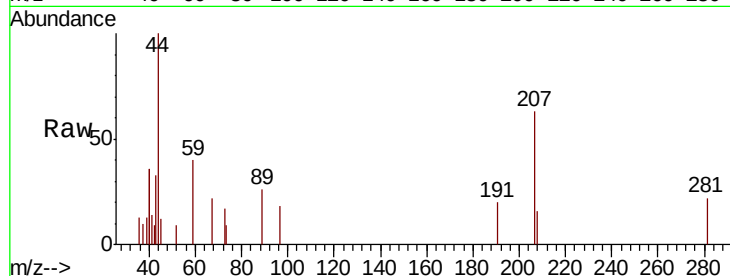




#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

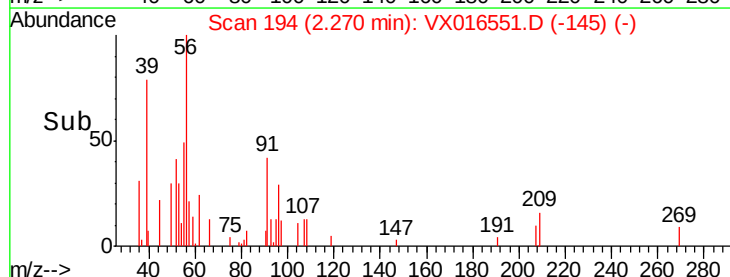
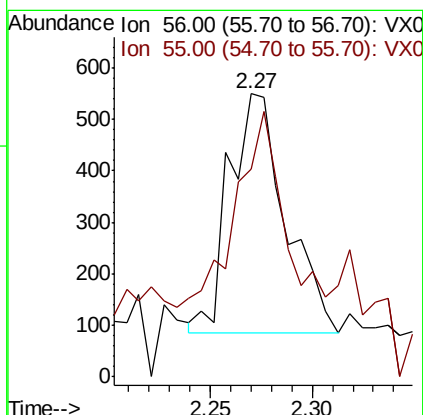
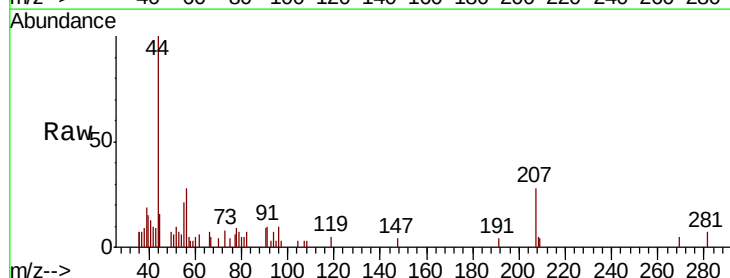
Instrument :
MSVOA_X
ClientSampled :
IBLK

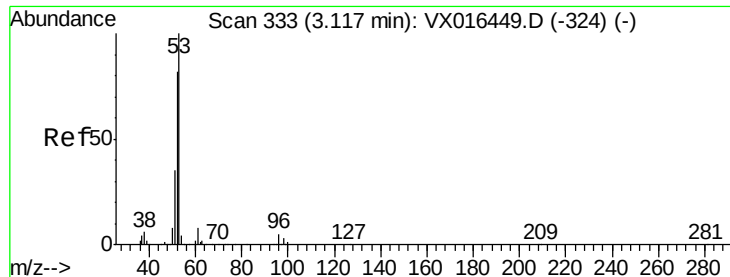
Tot Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.913 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion: 56 Resp: 888
Ion Ratio Lower Upper
56 100
55 65.8 58.3 87.5





#15

Acrylonitrile

Concen: 0.801 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

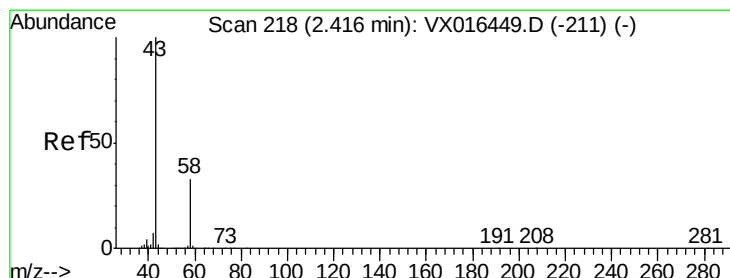
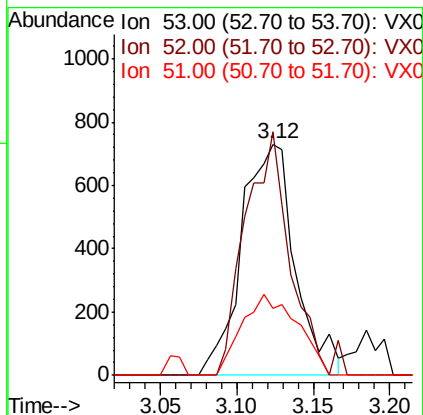
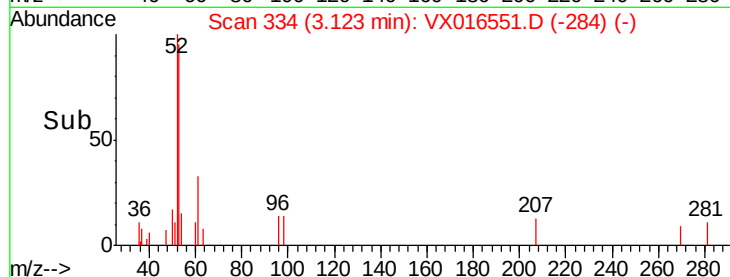
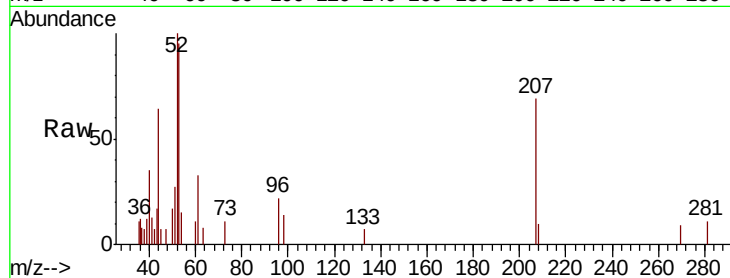
Tot Ion: 53 Resp: 1791

Ion Ratio Lower Upper

53 100

52 86.3 66.7 100.1

51 36.1 28.6 43.0



#16

Acetone

Concen: 1.281 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016551.D

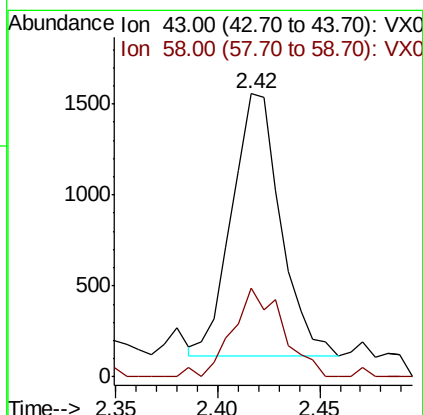
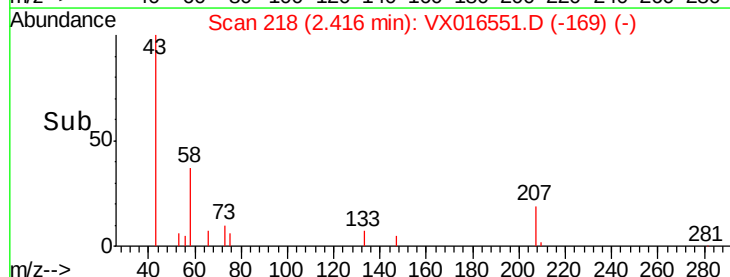
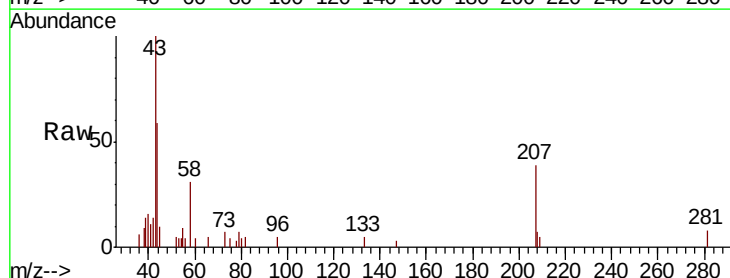
Acq: 02 Jun 2020 13:03

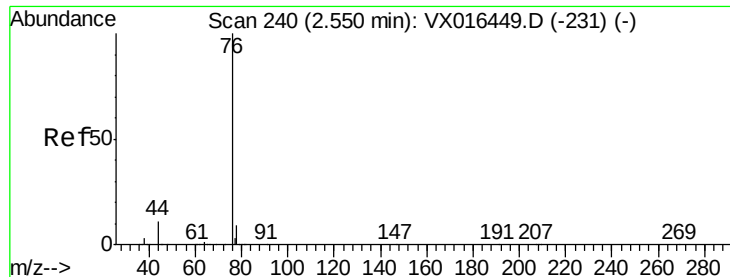
Tgt Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

58 34.0 26.1 39.1





#17

Carbon Disulfide

Concen: 0.723 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

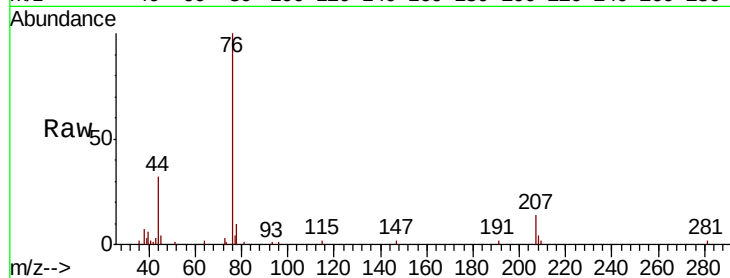
IBLK

Tot Ion: 76 Resp: 7080

Ion Ratio Lower Upper

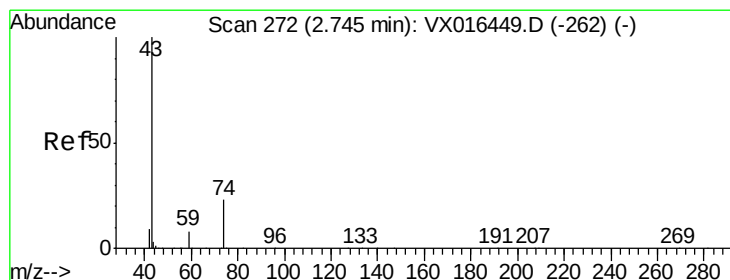
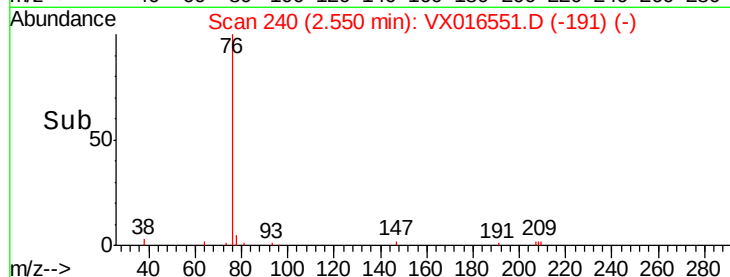
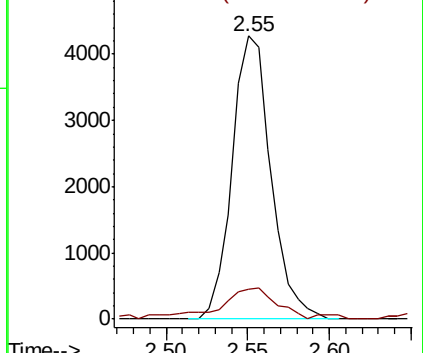
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.267 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX016551.D

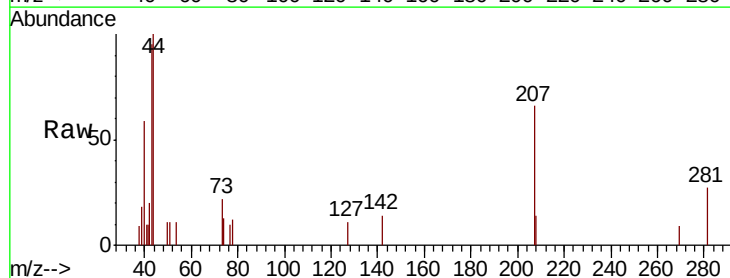
Acq: 02 Jun 2020 13:03

Tgt Ion: 43 Resp: 1275

Ion Ratio Lower Upper

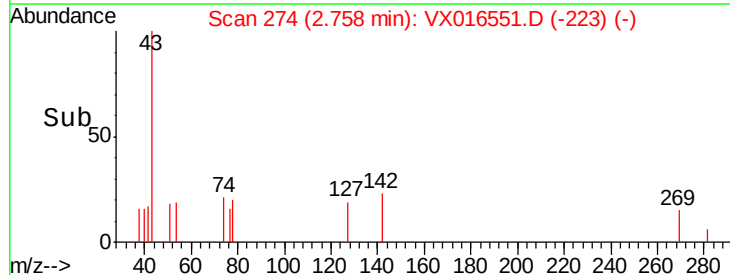
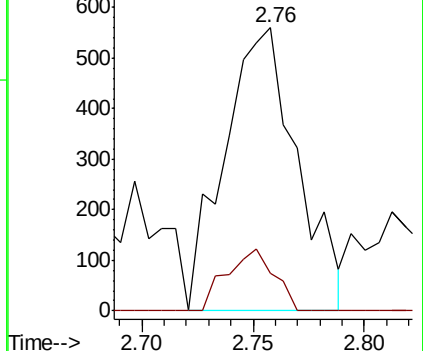
43 100

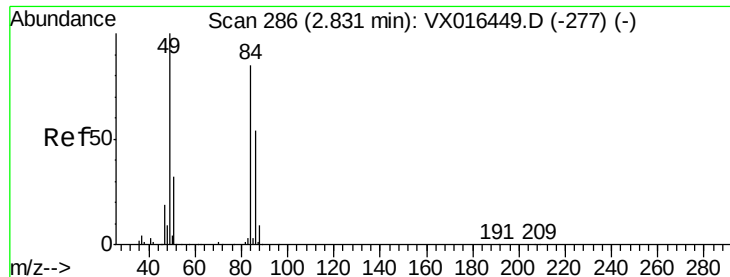
74 14.4 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

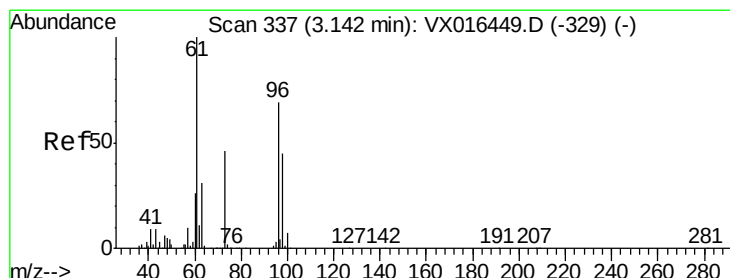
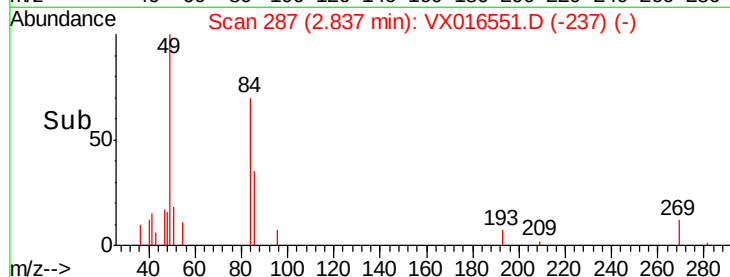
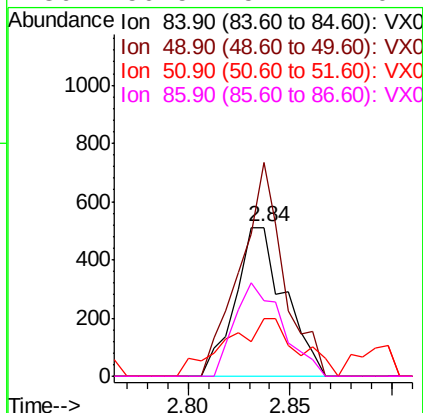
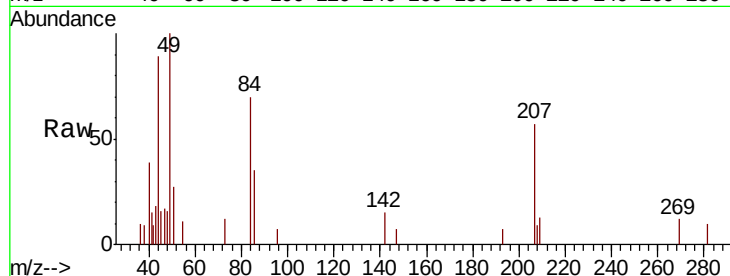




#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

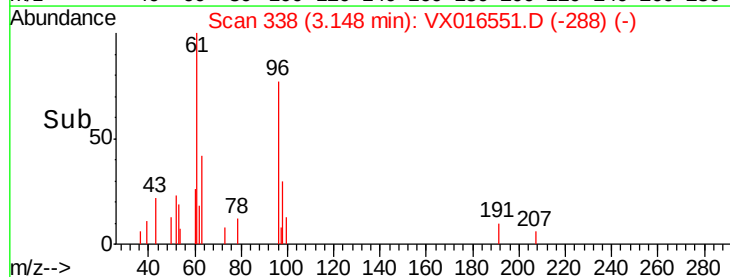
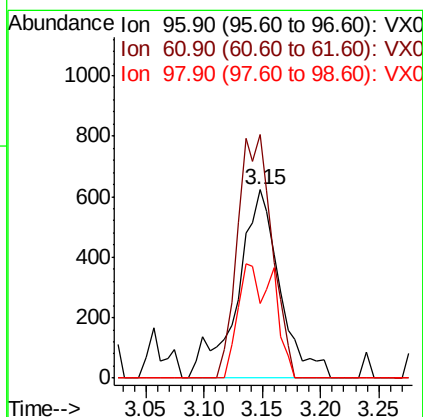
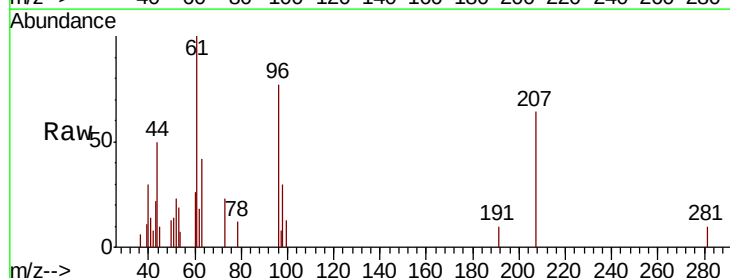
Instrument :
MSVOA_X
ClientSampled :
IBLK

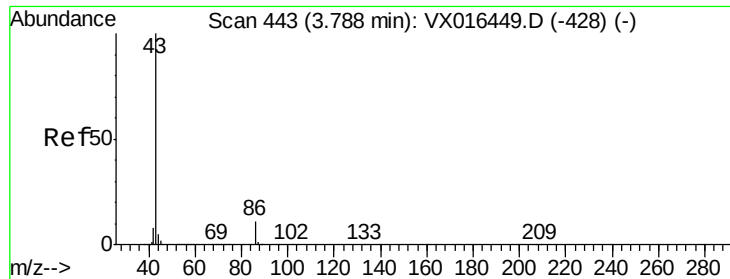
Tot Ion: 84 Resp: 861
Ion Ratio Lower Upper
84 100
49 143.6 94.5 141.7#
51 38.7 30.2 45.4
86 50.5 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 0.435 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion: 96 Resp: 1585
Ion Ratio Lower Upper
96 100
61 129.4 115.3 172.9
98 39.4 51.9 77.9#

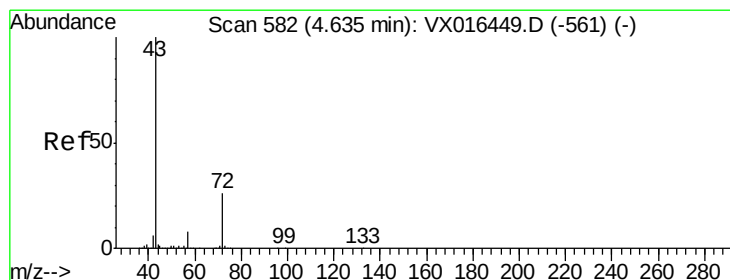
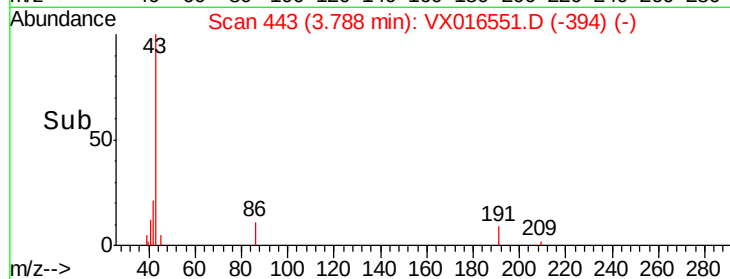
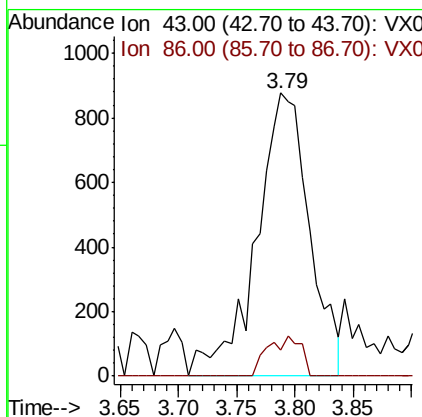
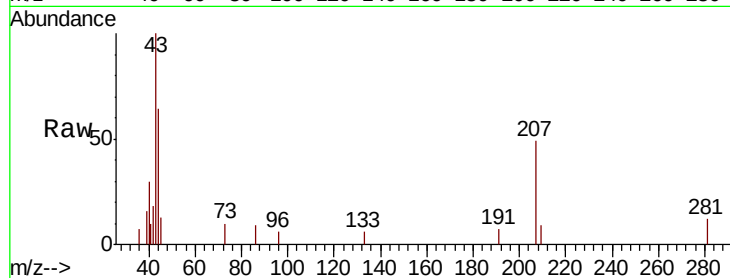




#23
 Vinyl Acetate
 Concen: 0.273 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

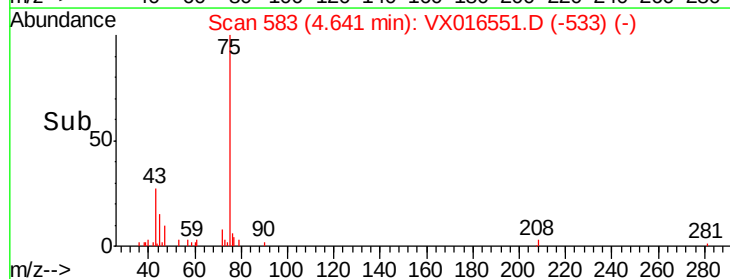
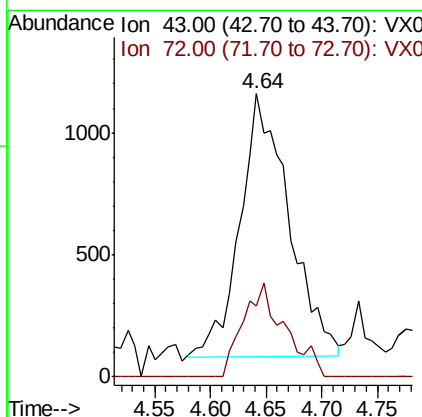
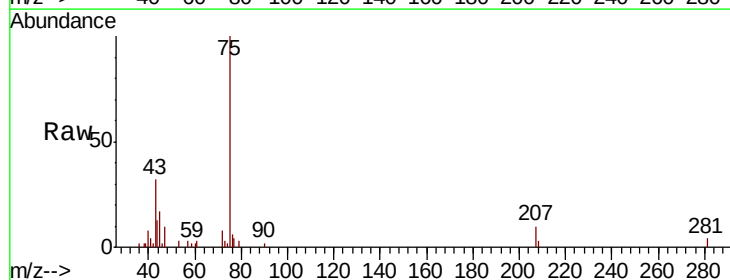
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

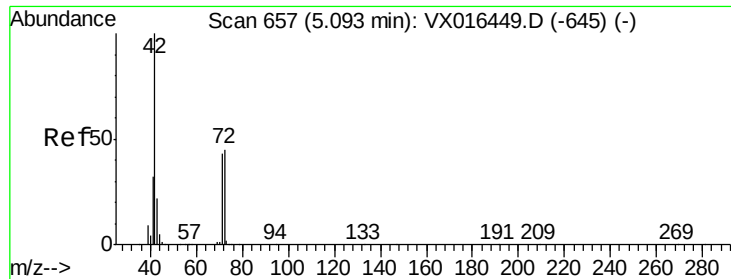
Tot Ion: 43 Resp: 2787
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.6 13.0



#25
 2-Butanone
 Concen: 1.039 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

Tgt Ion: 43 Resp: 3282
 Ion Ratio Lower Upper
 43 100
 72 27.0 21.0 31.6





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

IBLK

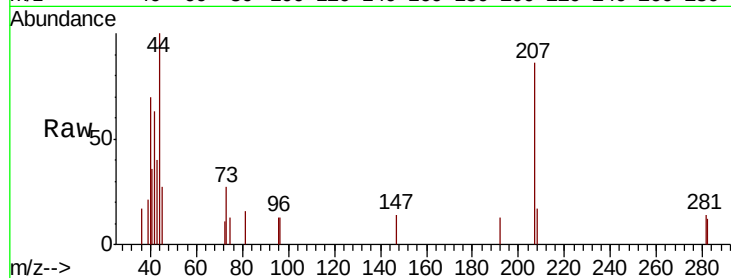
Tot Ion: 42 Resp: 520

Ion Ratio Lower Upper

42 100

72 21.7 37.0 55.4#

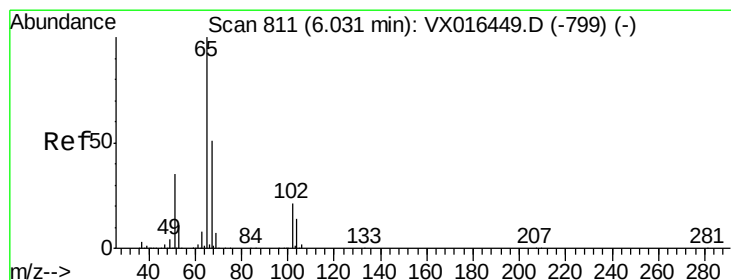
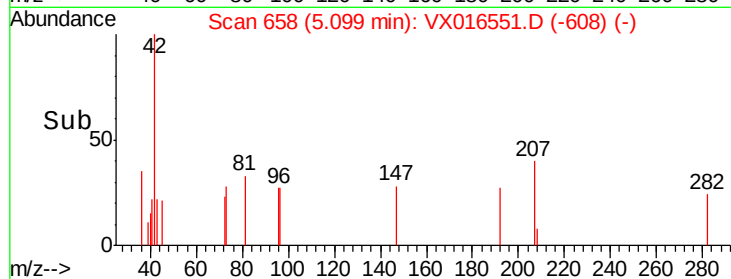
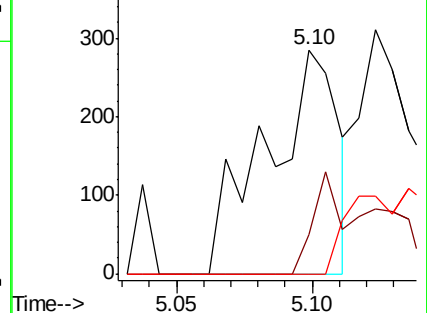
71 0.0 34.1 51.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.414 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016551.D

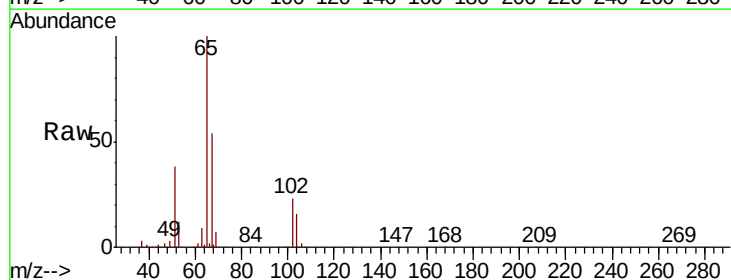
Acq: 02 Jun 2020 13:03

Tgt Ion: 65 Resp: 193222

Ion Ratio Lower Upper

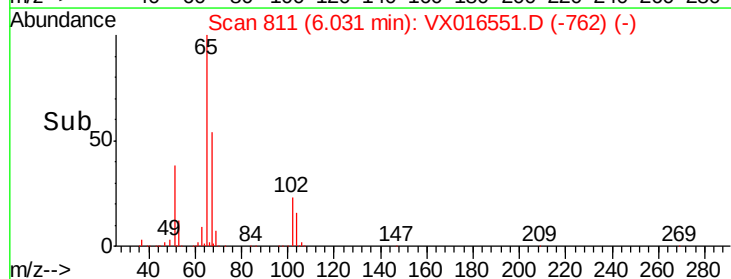
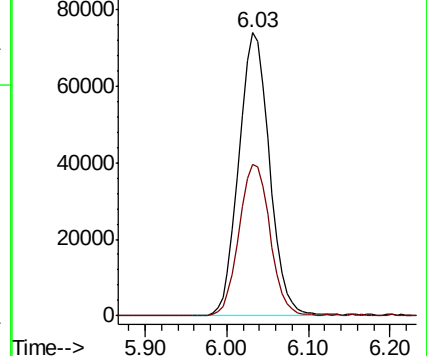
65 100

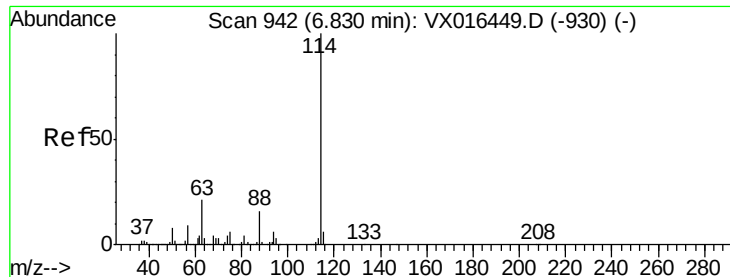
67 54.0 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

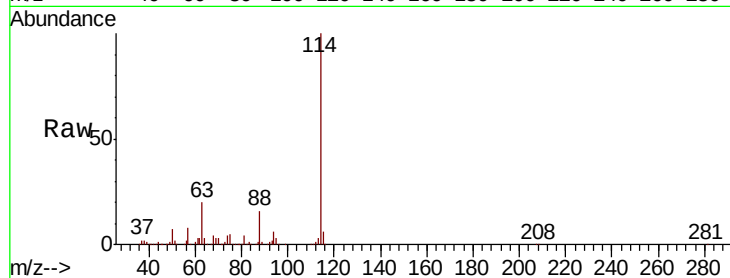
Tot Ion:114 Resp: 556438

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

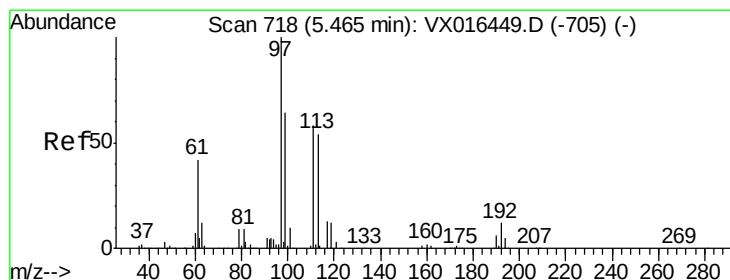
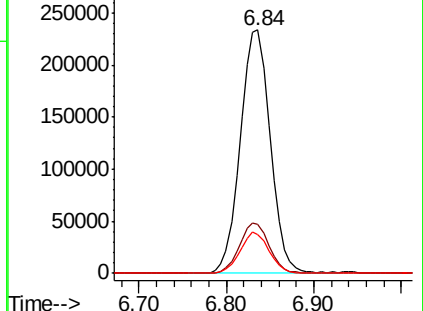
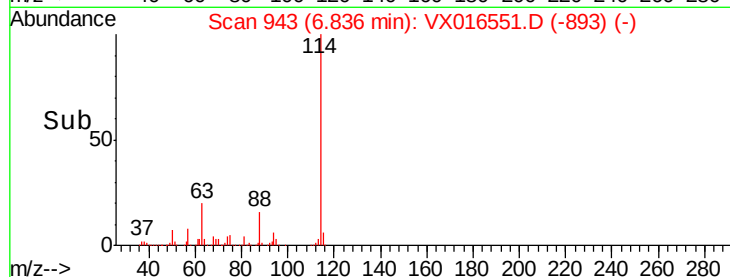
88 16.2 0.0 32.8



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: 46.508 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

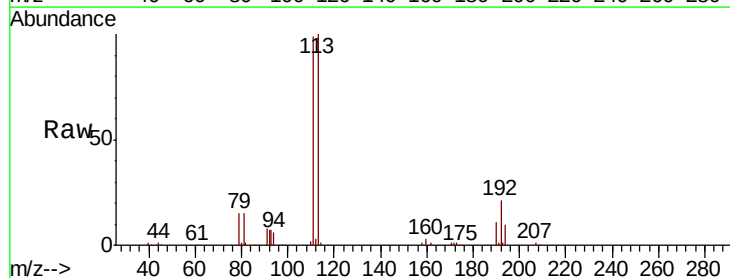
Tgt Ion:113 Resp: 159346

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

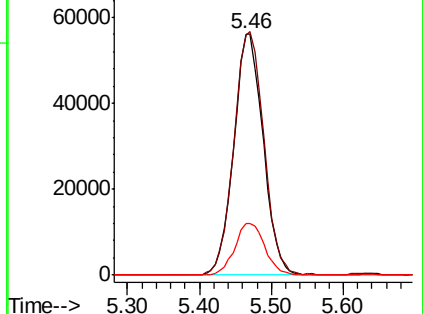
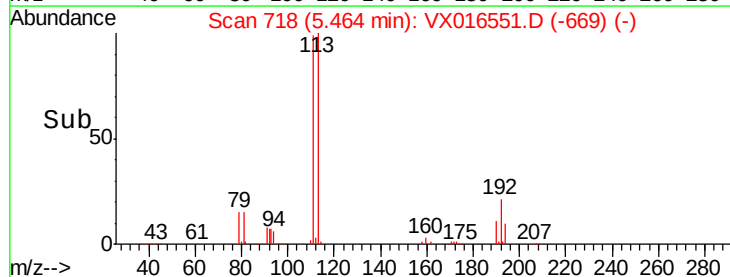
192 21.9 17.7 26.5

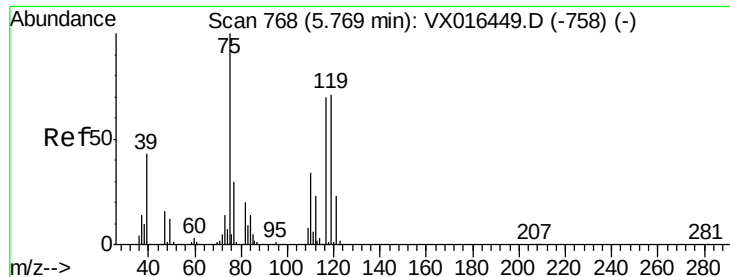


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.307 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

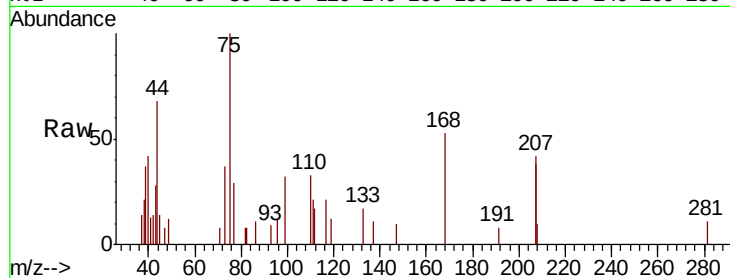
Tot Ion: 75 Resp: 1620

Ion Ratio Lower Upper

75 100

110 26.4 17.4 52.3

77 30.6 24.2 36.4

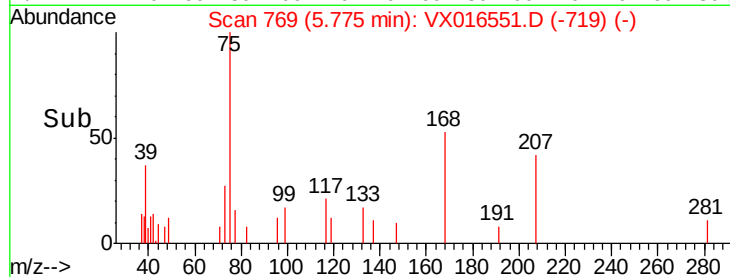


Abundance Ion 74.90 (74.60 to 75.60): VX016449.D (-758) (-)

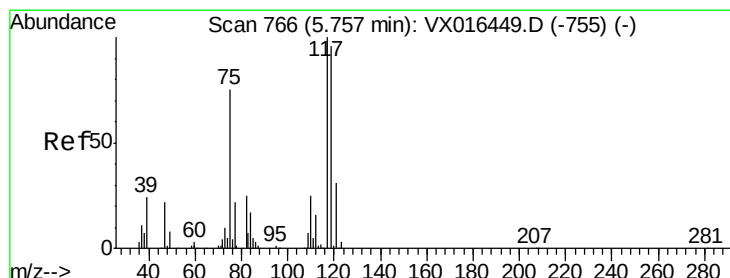
Ion 109.90 (109.60 to 110.60): VX016449.D (-758) (-)

Ion 76.90 (76.60 to 77.60): VX016449.D (-758) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

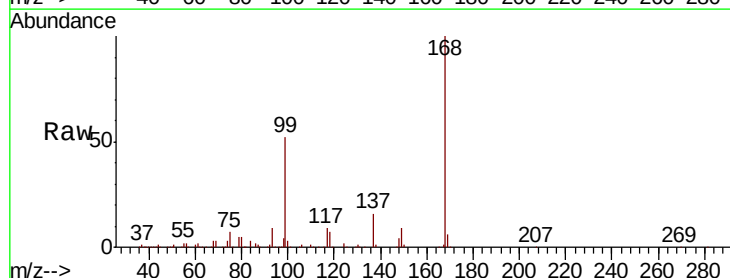
Tgt Ion: 117 Resp: 32274

Ion Ratio Lower Upper

117 100

119 3.9 76.3 114.5#

121 0.0 24.6 37.0#

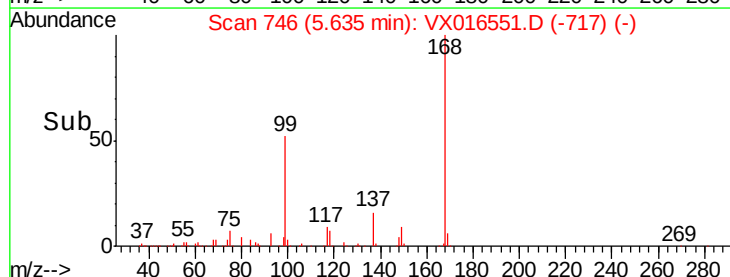


Abundance Ion 116.80 (116.50 to 117.50): VX016449.D (-755) (-)

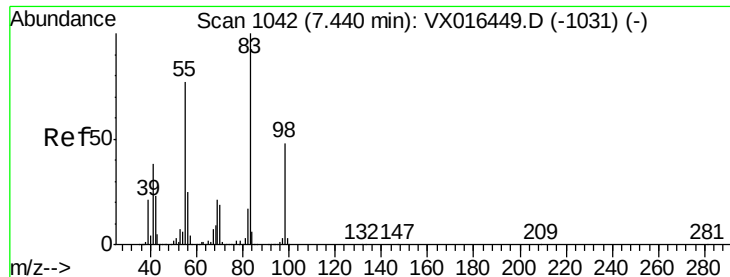
Ion 118.80 (118.50 to 119.50): VX016449.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016449.D (-755) (-)

Time-->



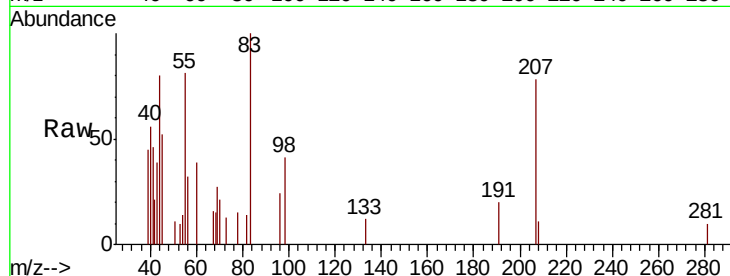
Time-->



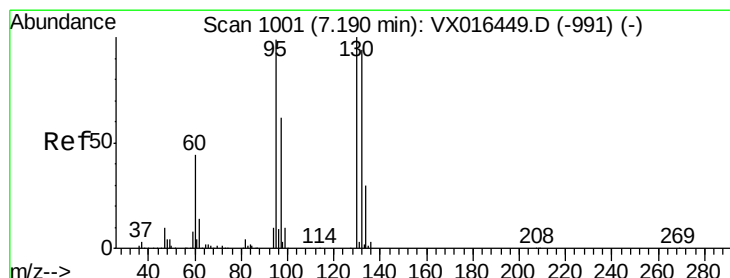
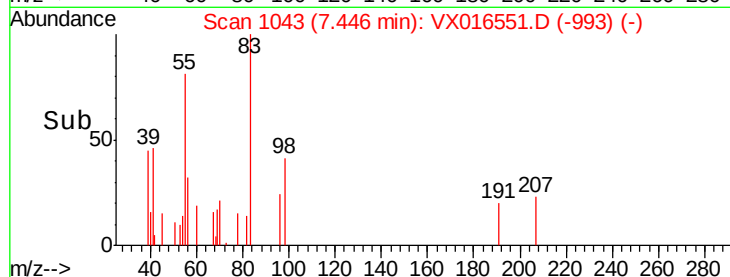
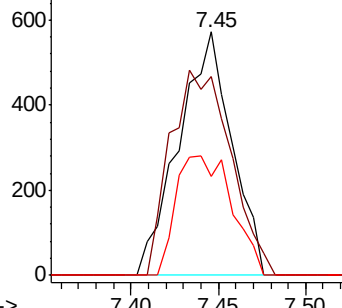
#39
Methvlcvclohexane
Concen: 0.211 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion: 83 Resp: 1207
Ion Ratio Lower Upper
83 100
55 81.5 61.7 92.5
98 40.6 38.7 58.1

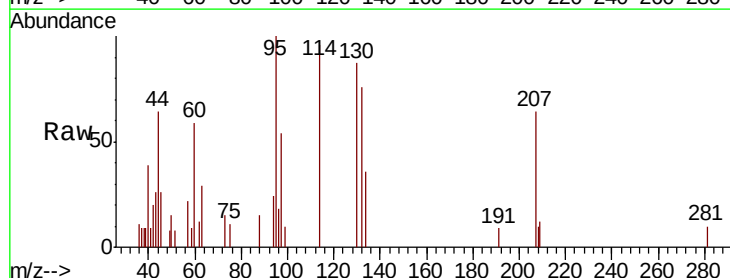


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

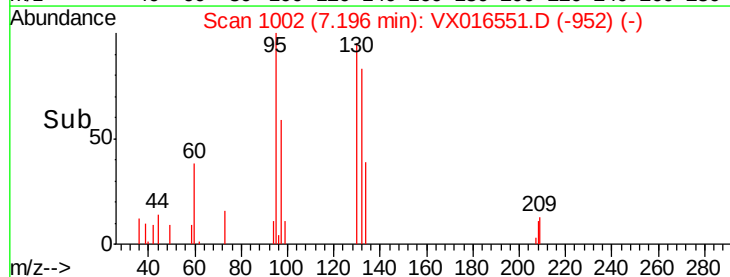
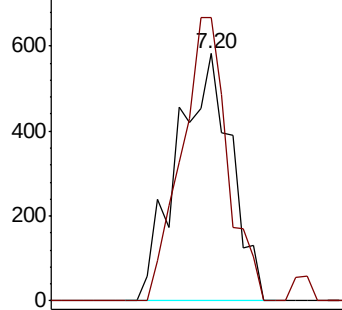


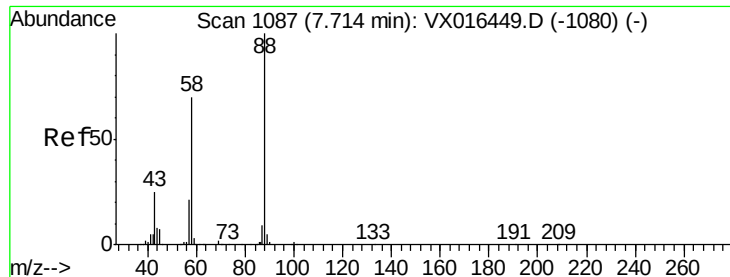
#44
Trichloroethene
Concen: 0.252 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion:130 Resp: 1252
Ion Ratio Lower Upper
130 100
95 114.6 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 1.131 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

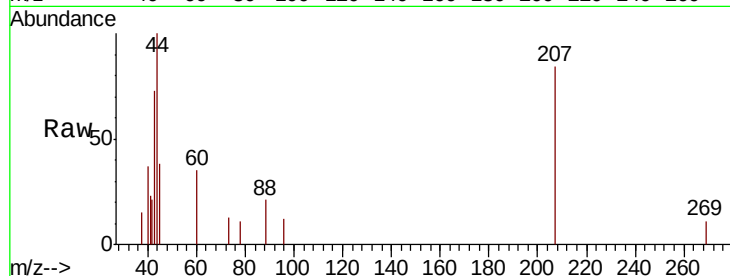
Tot Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

43 168.0 24.2 36.4#

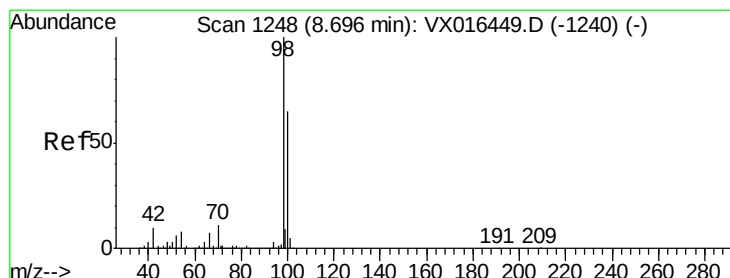
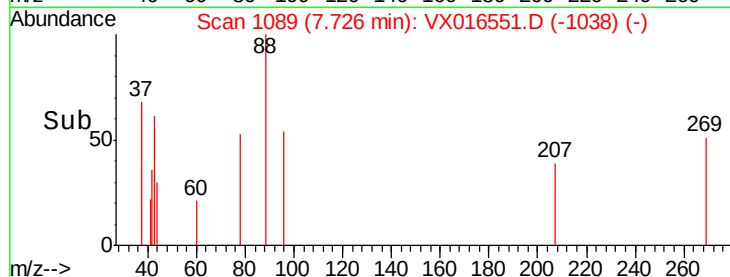
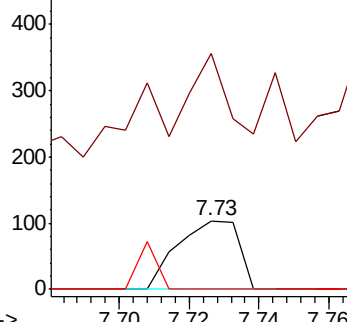
58 21.6 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.701 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016551.D

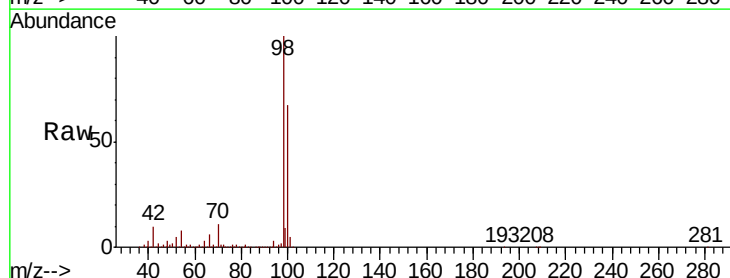
Acq: 02 Jun 2020 13:03

Tgt Ion: 98 Resp: 689464

Ion Ratio Lower Upper

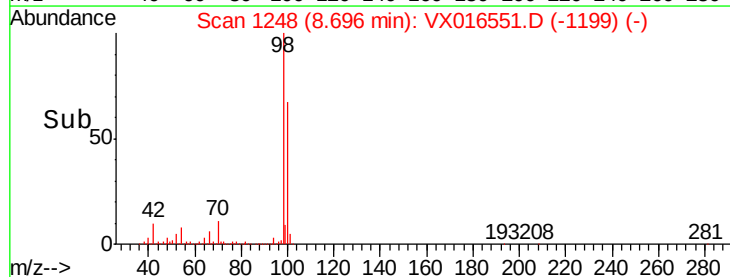
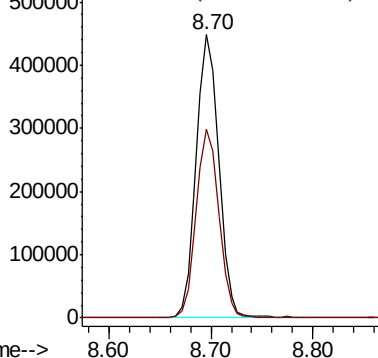
98 100

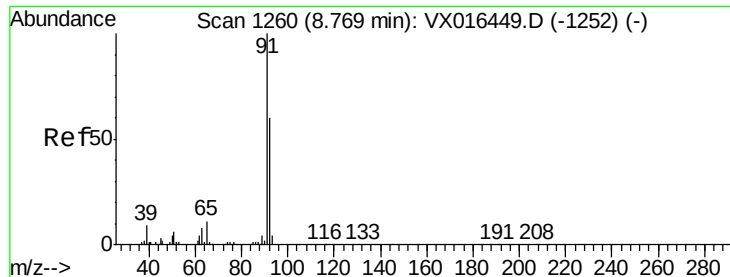
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.499 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

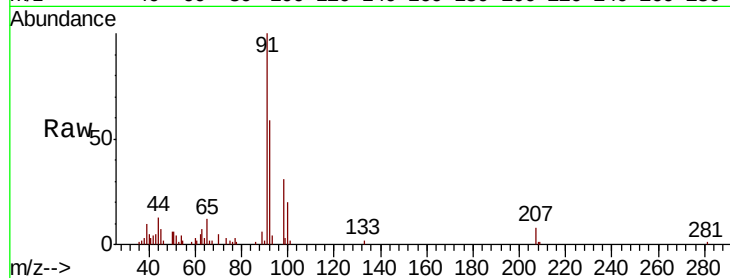
IBLK

Tot Ion: 92 Resp: 4932

Ion Ratio Lower Upper

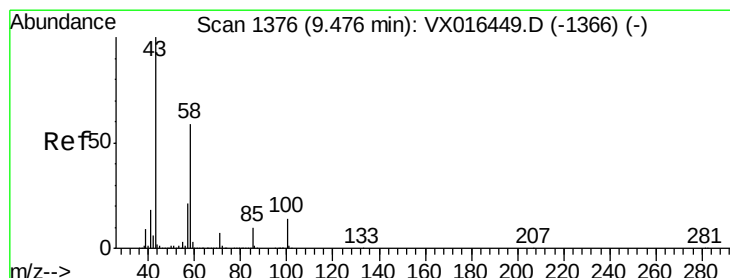
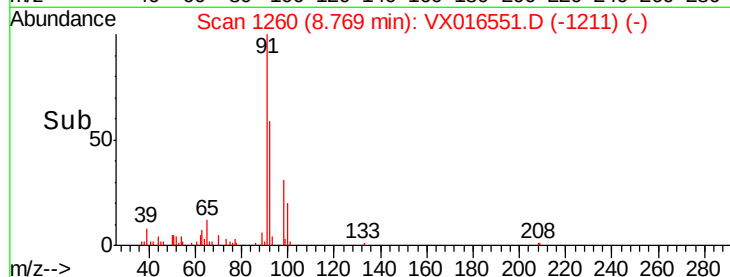
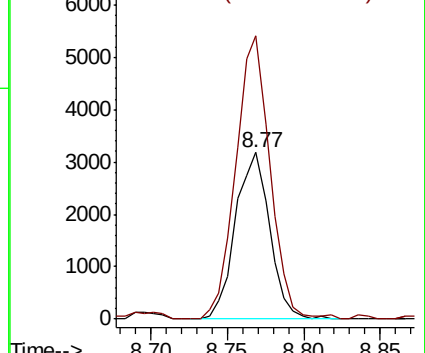
92 100

91 170.2 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.268 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX016551.D

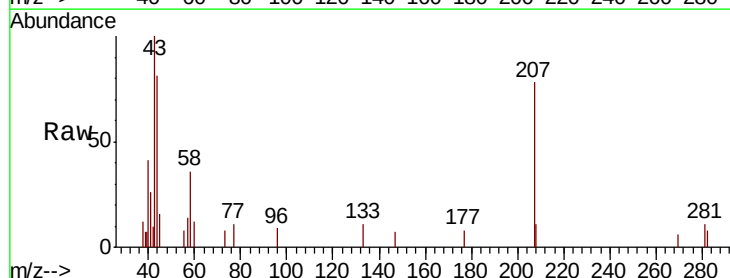
Acq: 02 Jun 2020 13:03

Tgt Ion: 43 Resp: 1282

Ion Ratio Lower Upper

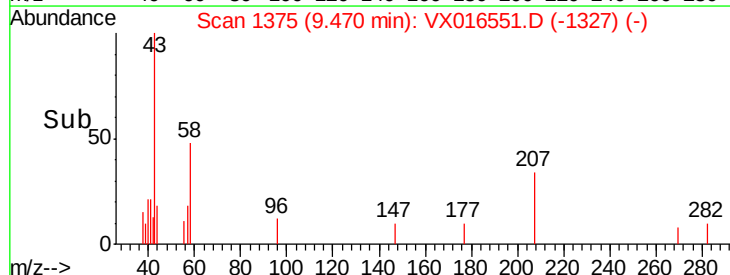
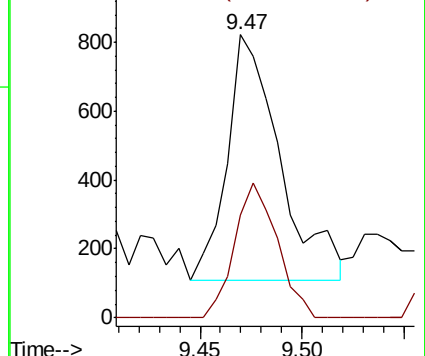
43 100

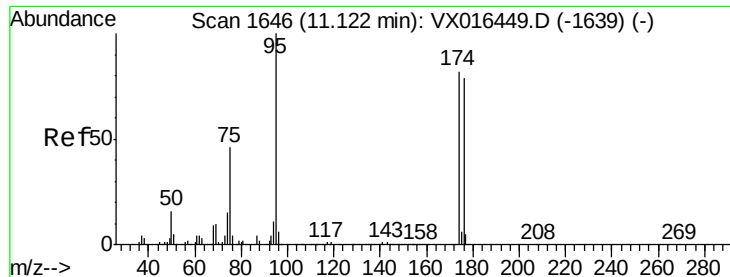
58 44.3 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.252 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

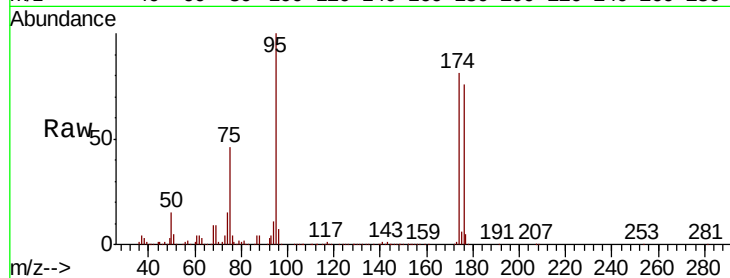
Tot Ion: 95 Resp: 284708

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.0

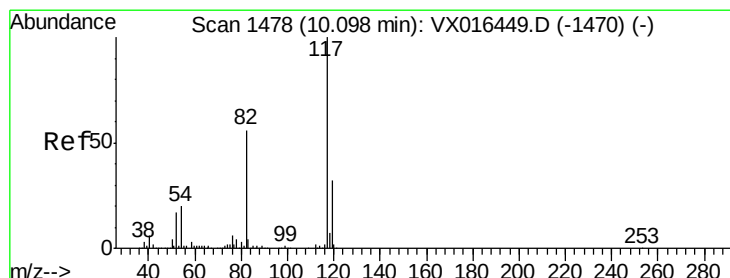
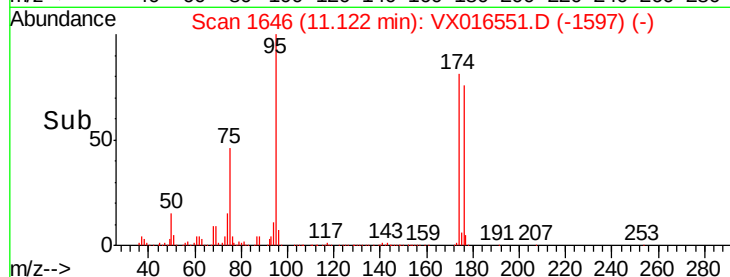
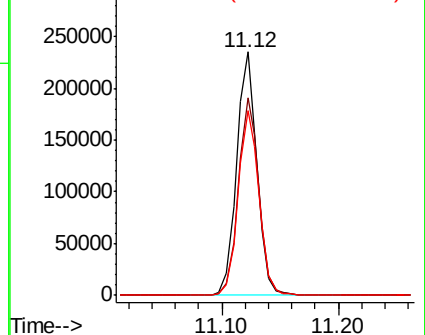
176 77.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

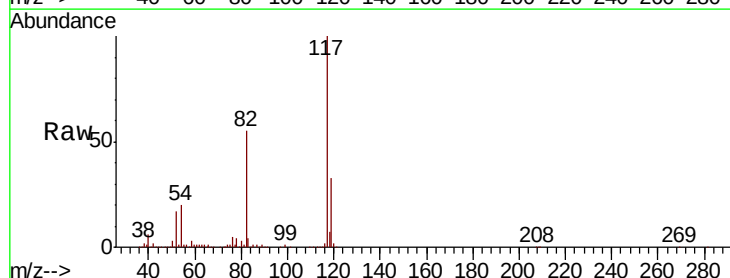
Tgt Ion: 117 Resp: 550890

Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.6

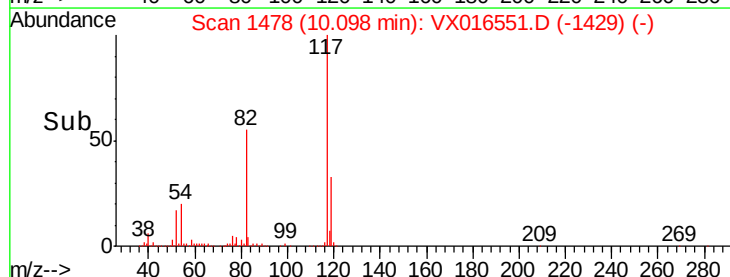
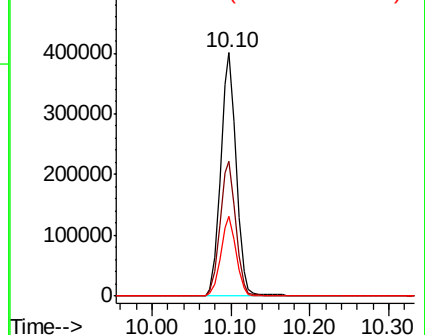
119 32.6 25.8 38.8

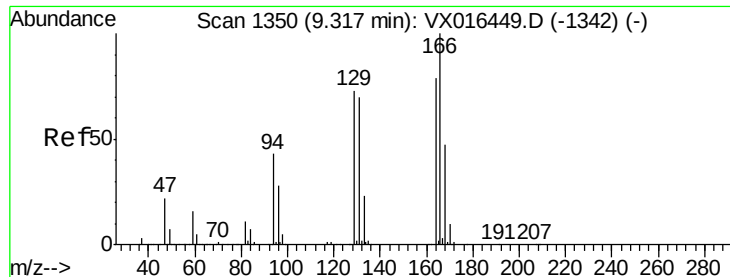


Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)





#64

Tetrachloroethene

Concen: 0.254 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tot Ion:164 Resp: 1566

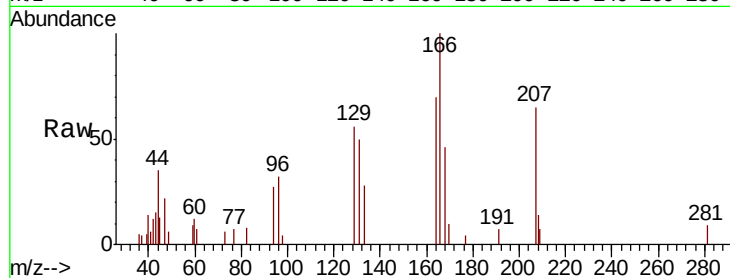
Ion Ratio Lower Upper

164 100

166 142.3 100.9 151.3

129 79.8 73.2 109.8

131 70.8 70.8 106.2#

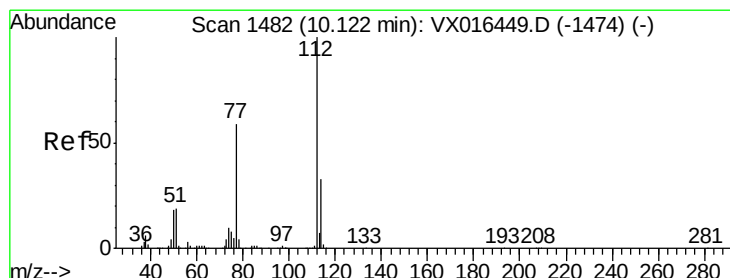
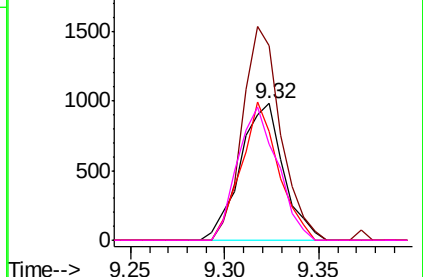
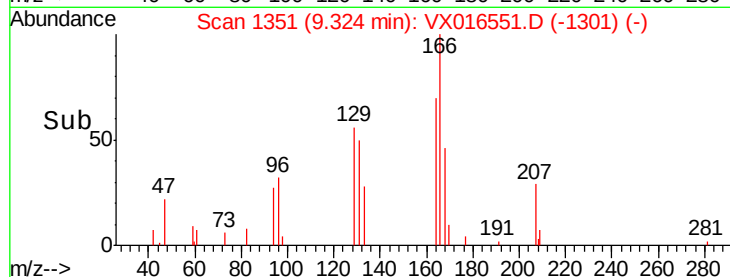


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.206 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016551.D

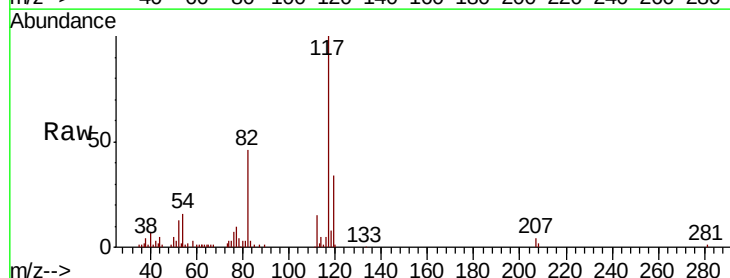
Acq: 02 Jun 2020 13:03

Tgt Ion:112 Resp: 2312

Ion Ratio Lower Upper

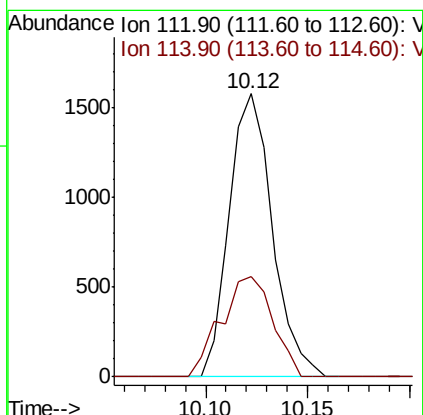
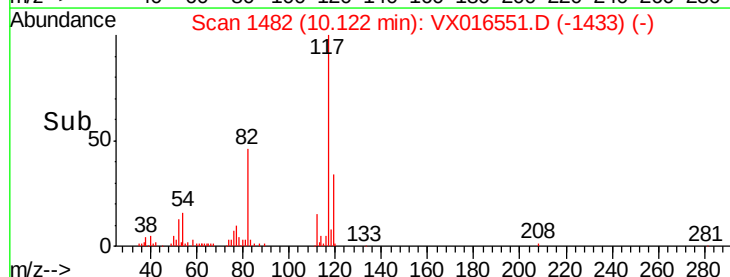
112 100

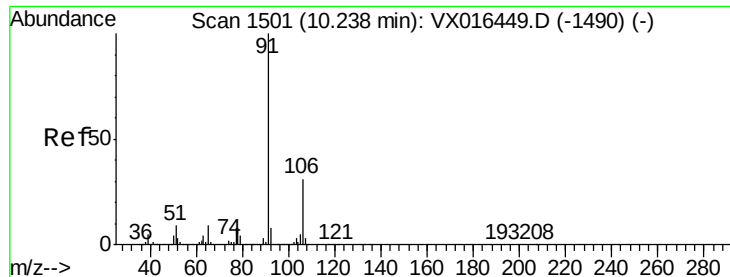
114 35.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.213 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

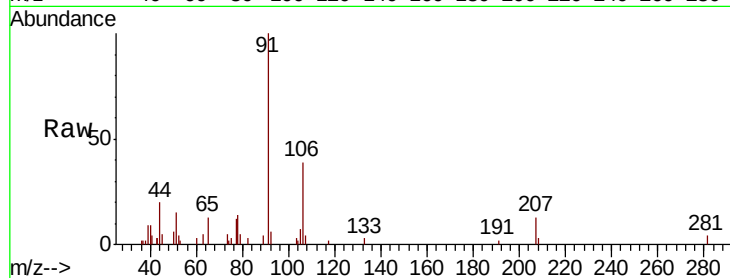
IBLK

Tot Ion: 91 Resp: 4267

Ion Ratio Lower Upper

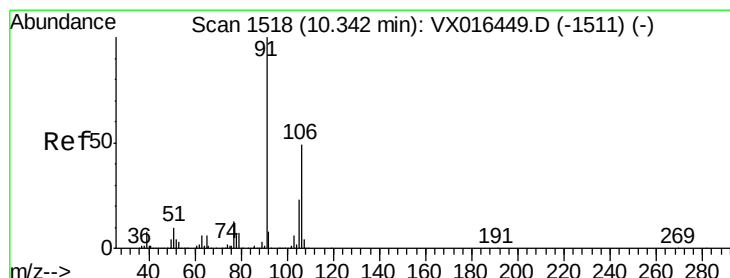
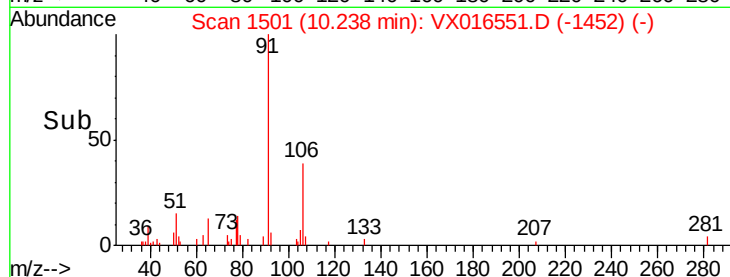
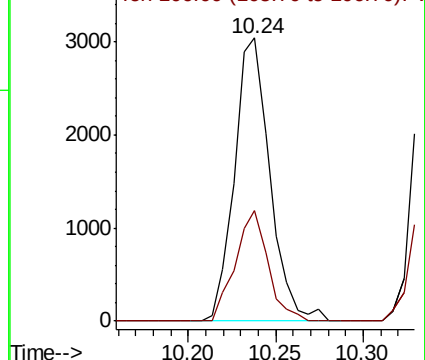
91 100

106 39.3 25.0 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX016449.D (-1490) (-)



#68

m/p-Xylenes

Concen: 0.532 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016551.D

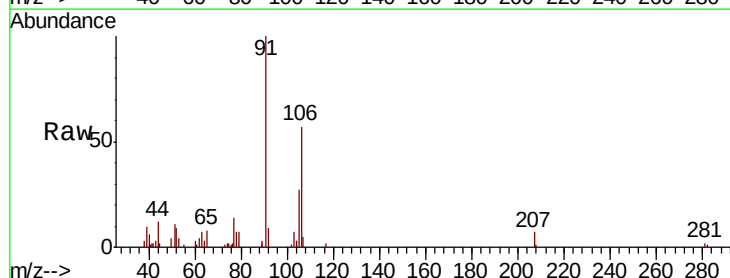
Acq: 02 Jun 2020 13:03

Tgt Ion: 106 Resp: 3946

Ion Ratio Lower Upper

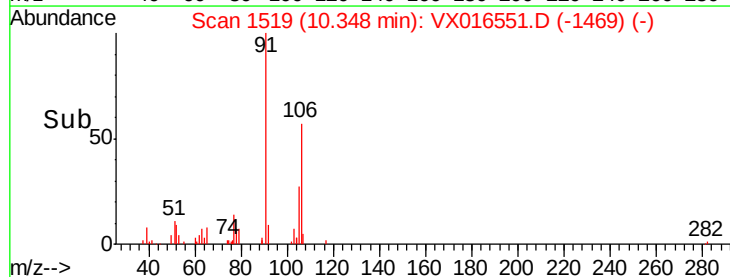
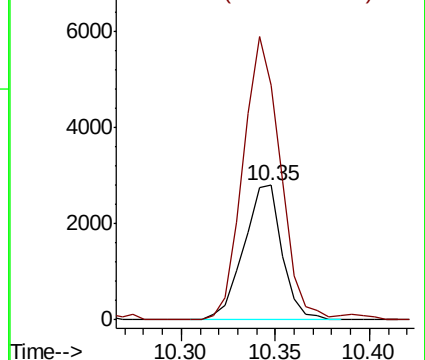
106 100

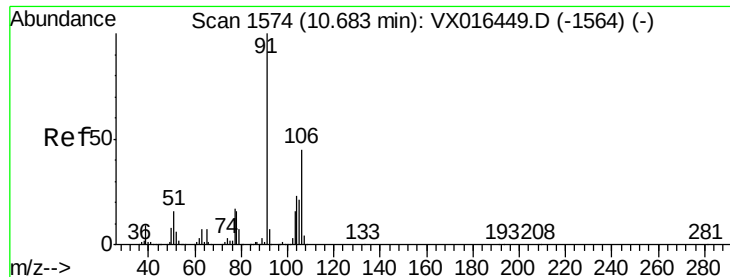
91 204.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016449.D (-1511) (-)

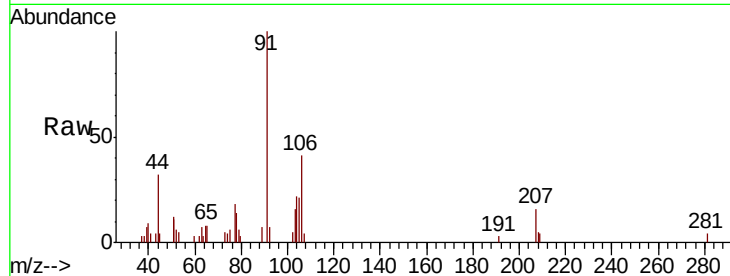




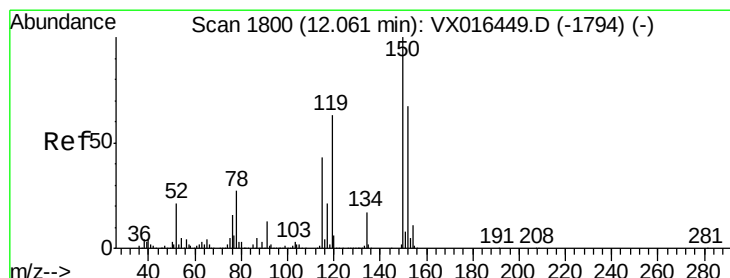
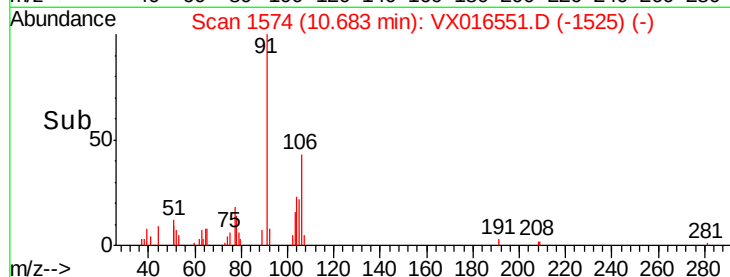
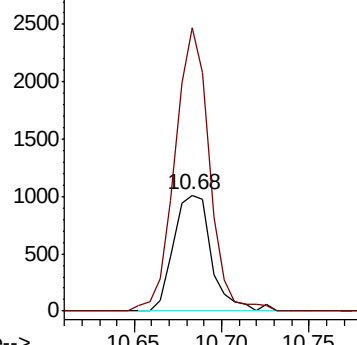
#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:106 Resp: 1527
Ion Ratio Lower Upper
106 100
91 222.4 109.6 328.8

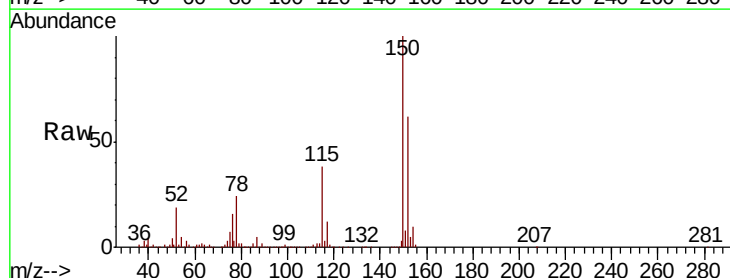


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

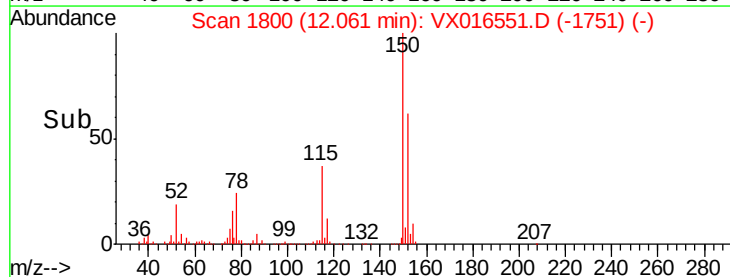
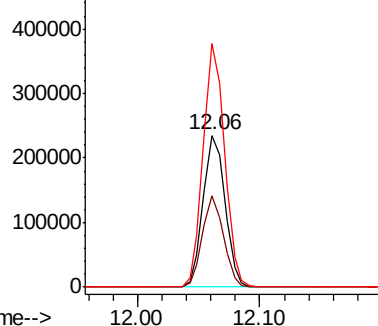


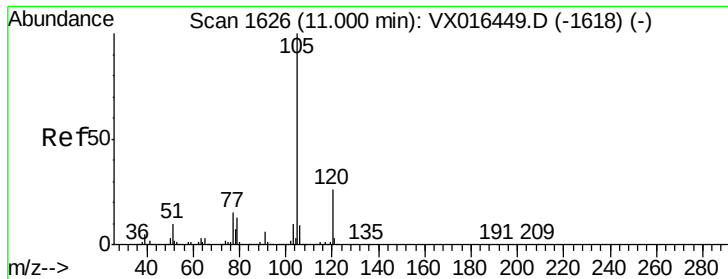
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion:152 Resp: 289640
Ion Ratio Lower Upper
152 100
115 58.3 39.9 119.6
150 157.2 0.0 341.0



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: 0.216 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

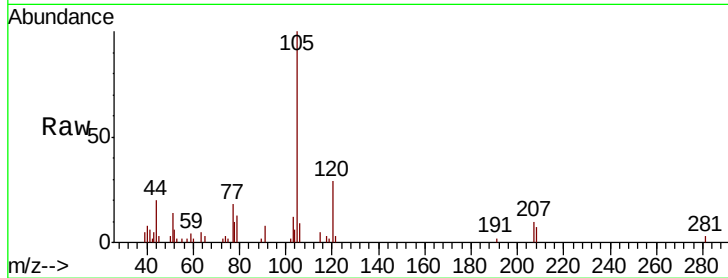
IBLK

Tot Ion:105 Resp: 4337

Ion Ratio Lower Upper

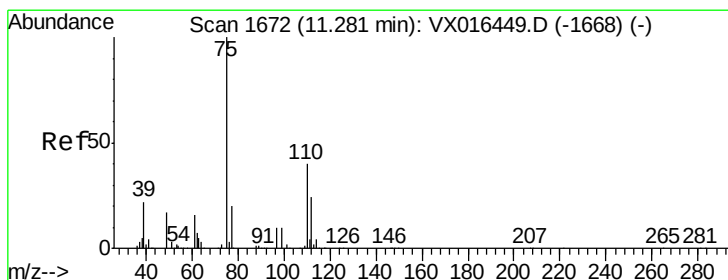
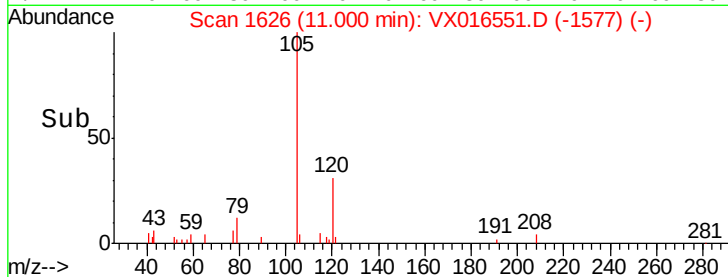
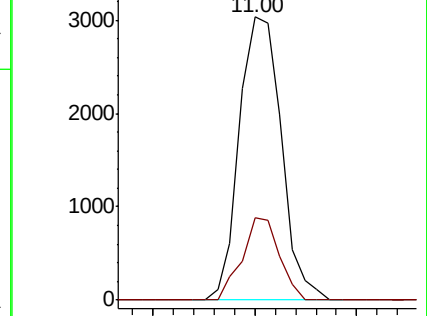
105 100

120 25.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.267 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016551.D

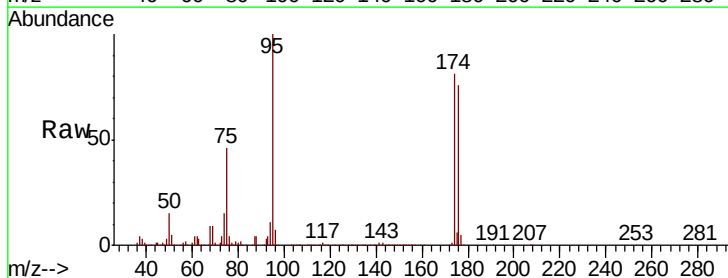
Acq: 02 Jun 2020 13:03

Tgt Ion: 75 Resp: 135393

Ion Ratio Lower Upper

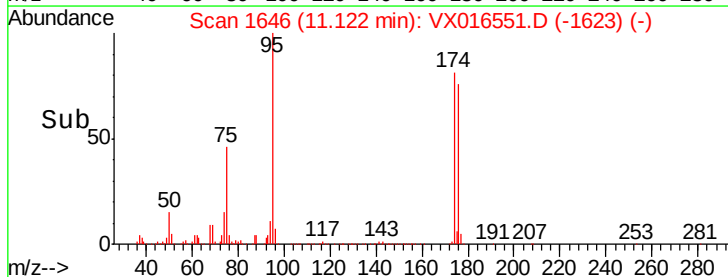
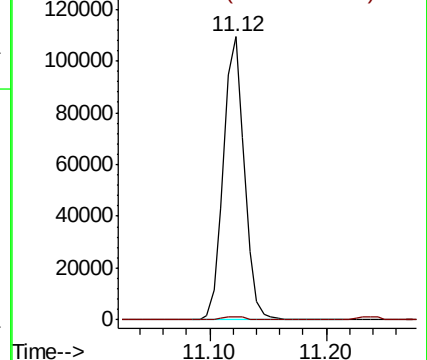
75 100

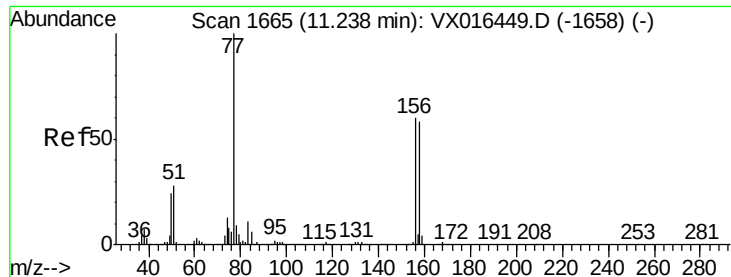
77 1.3 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.229 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

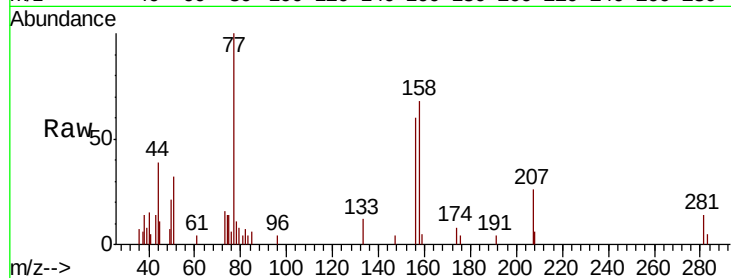
Tot Ion:156 Resp: 1205

Ion Ratio Lower Upper

156 100

77 173.5 79.6 238.8

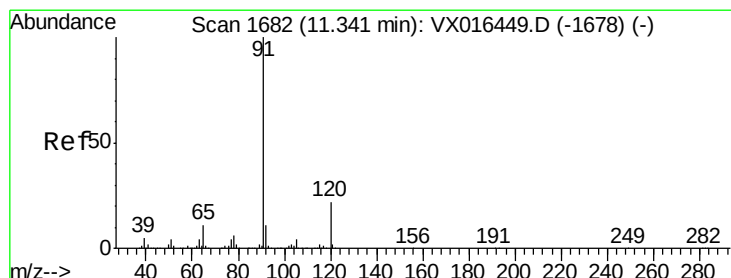
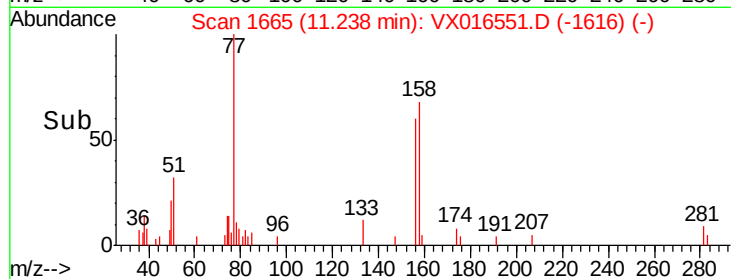
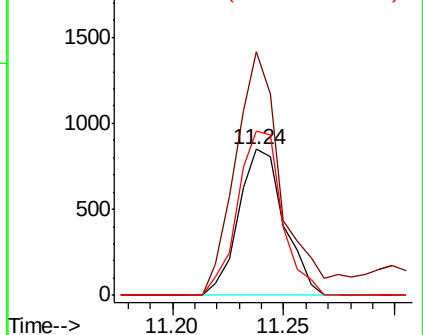
158 110.0 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.329 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016551.D

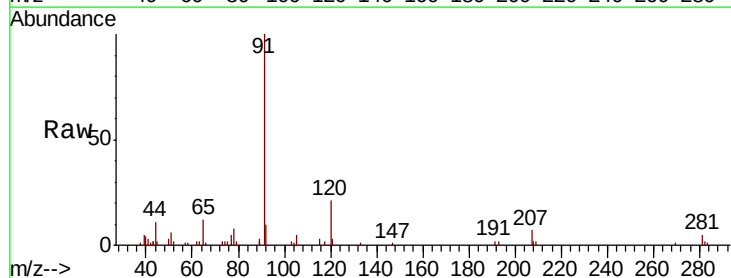
Acq: 02 Jun 2020 13:03

Tgt Ion: 91 Resp: 7374

Ion Ratio Lower Upper

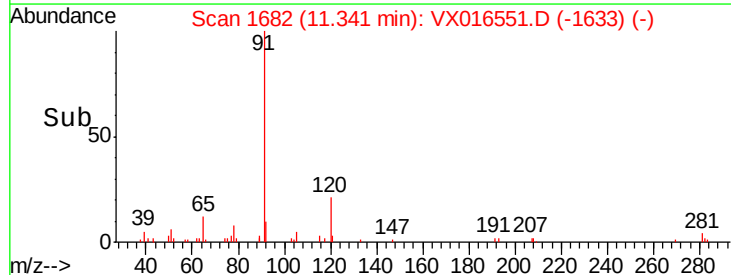
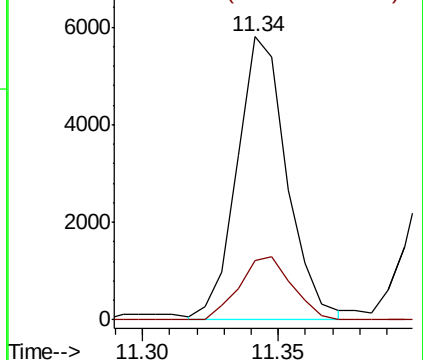
91 100

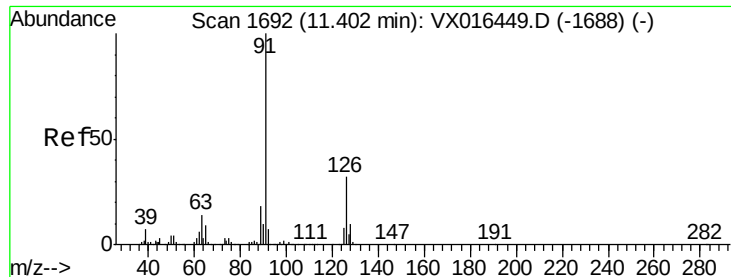
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

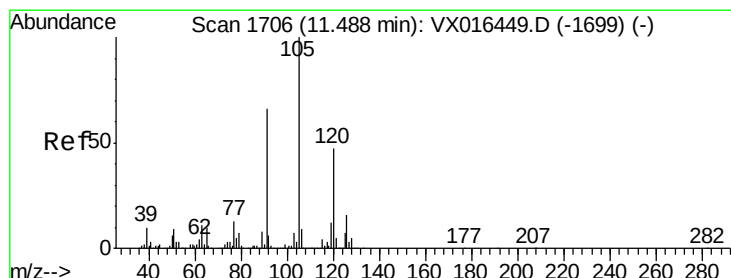
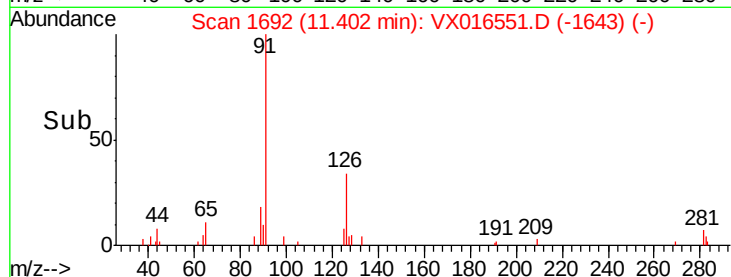
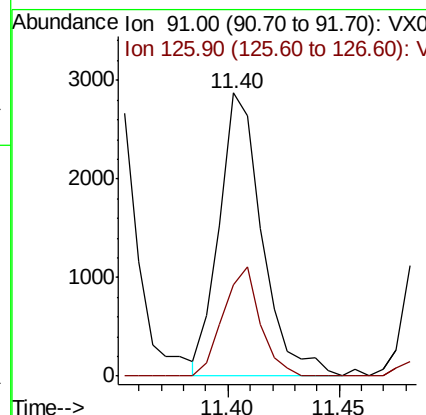
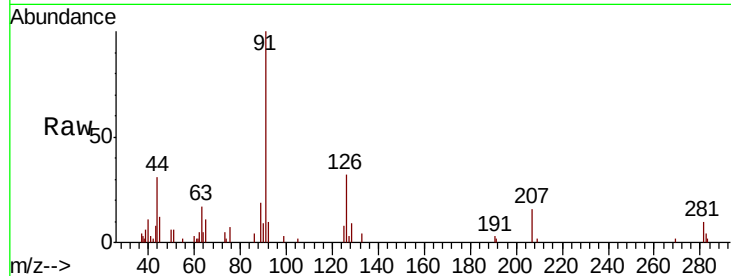




#79
2-Chlorotoluene
Concen: 0.281 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

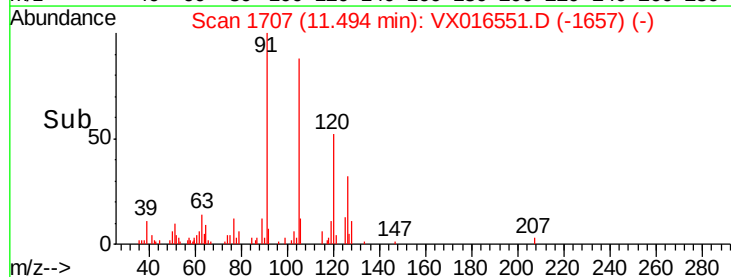
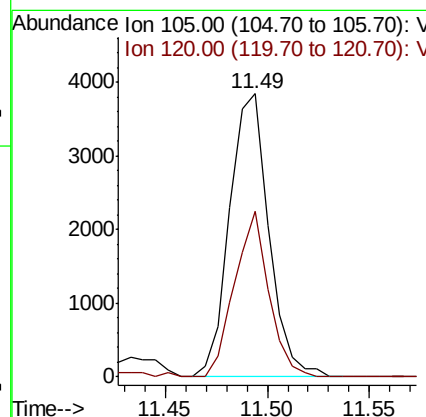
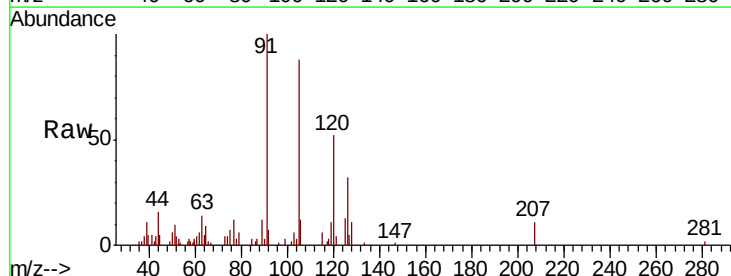
Instrument :
MSVOA_X
ClientSampleId :
IBLK

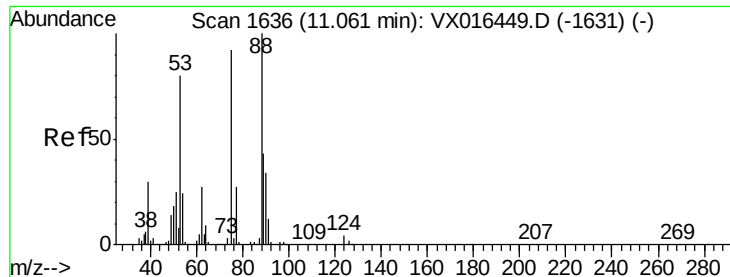
Tot Ion: 91 Resp: 3840
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 0.306 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion: 105 Resp: 5129
Ion Ratio Lower Upper
105 100
120 50.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.313 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

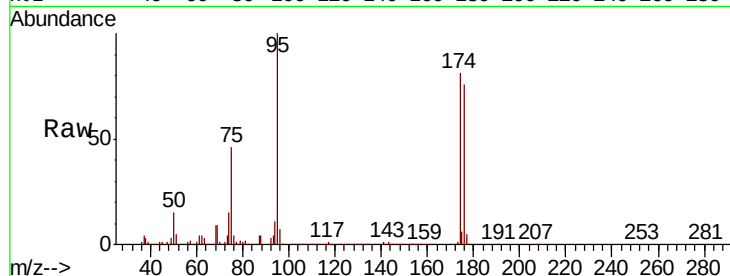
Tot Ion: 75 Resp: 135393

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

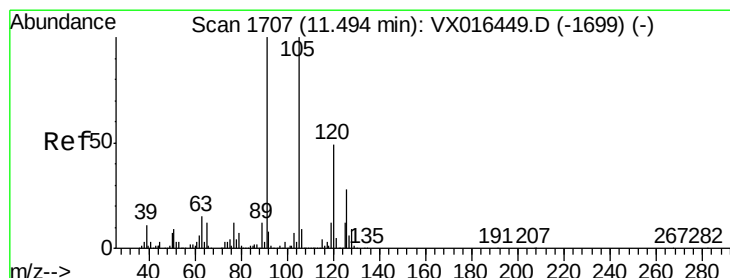
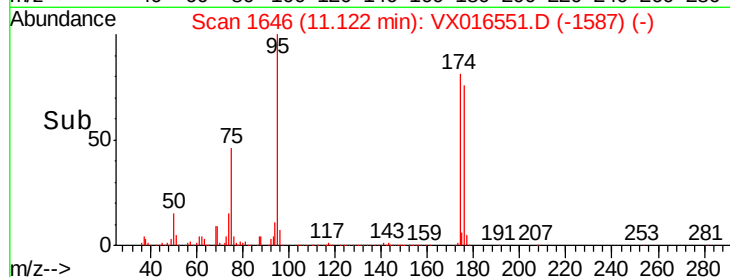
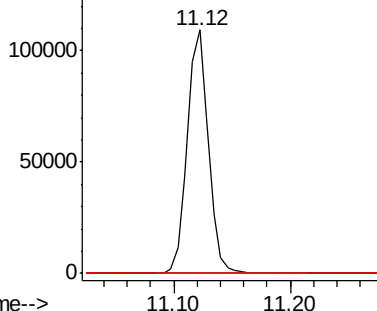
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.362 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016551.D

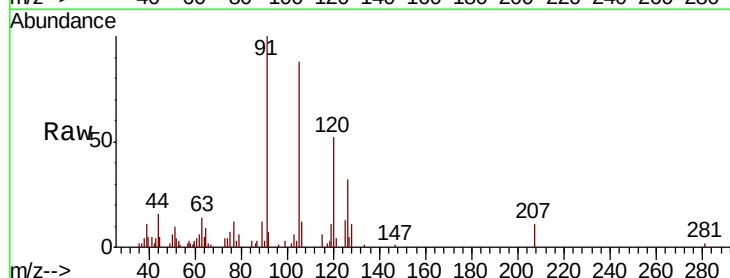
Acq: 02 Jun 2020 13:03

Tgt Ion: 91 Resp: 5848

Ion Ratio Lower Upper

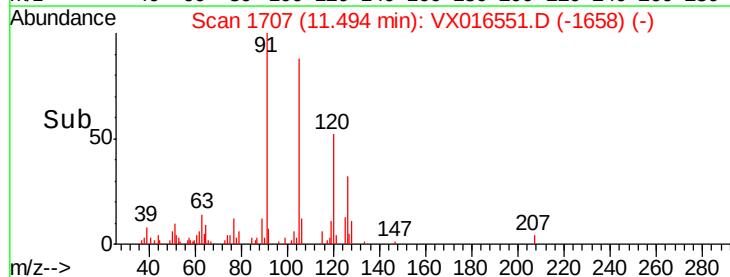
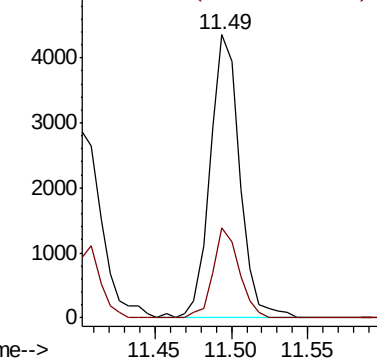
91 100

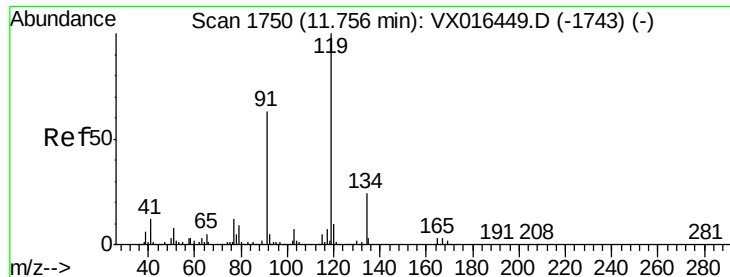
126 27.9 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

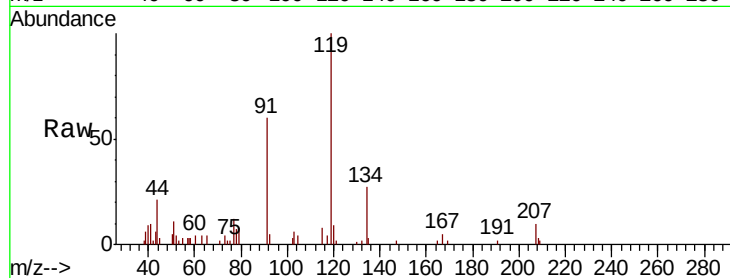




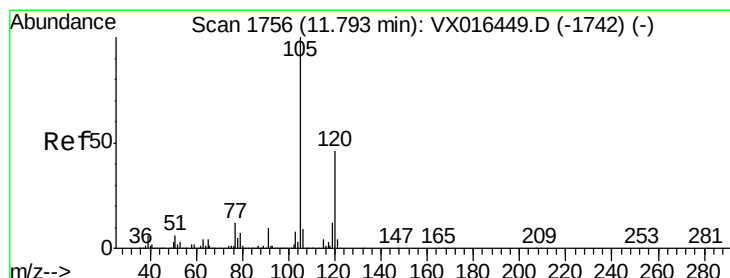
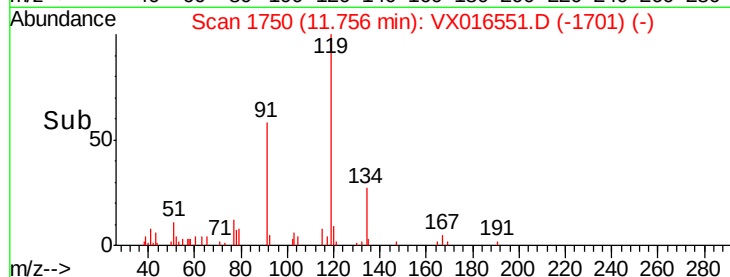
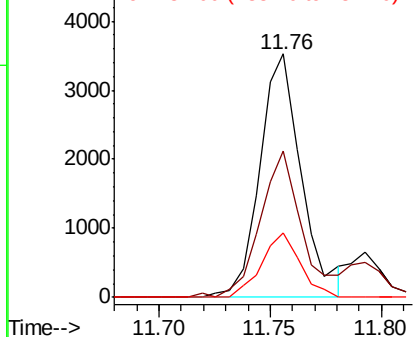
#83
tert-Butylbenzene
Concen: 0.319 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:119 Resp: 4569
Ion Ratio Lower Upper
119 100
91 58.2 31.3 93.8
134 24.6 12.0 36.0

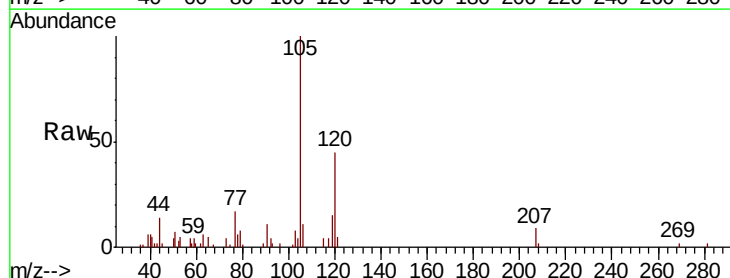


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

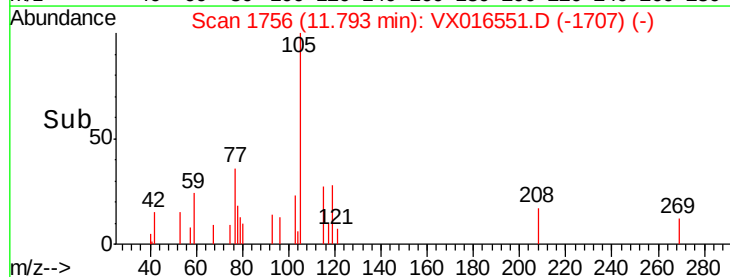
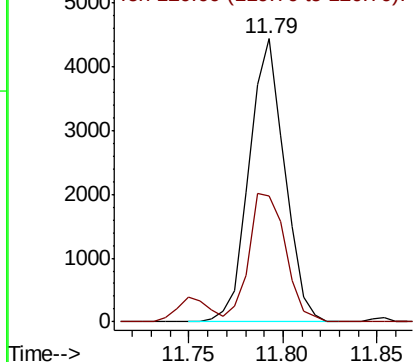


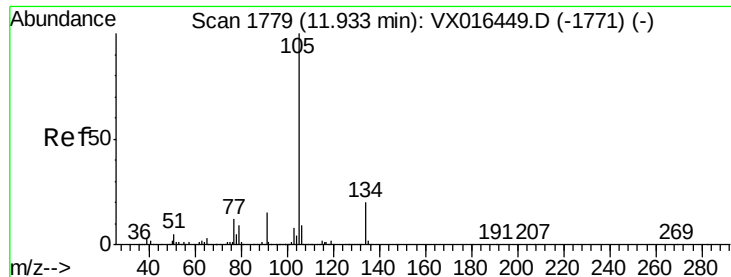
#84
1,2,4-Trimethylbenzene
Concen: 0.342 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion:105 Resp: 5790
Ion Ratio Lower Upper
105 100
120 47.1 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 0.384 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

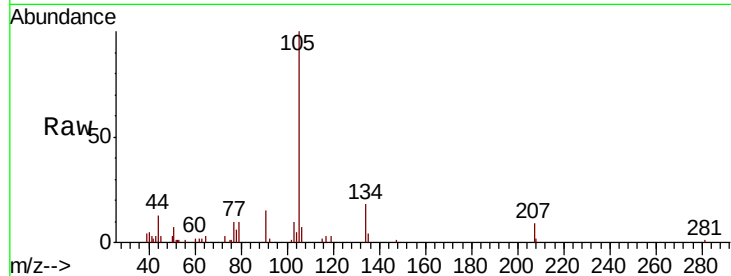
IBLK

Tot Ion:105 Resp: 6890

Ion Ratio Lower Upper

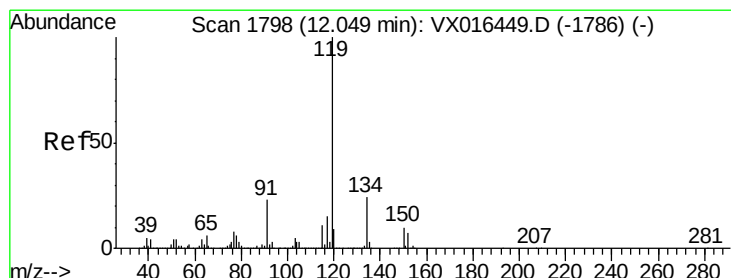
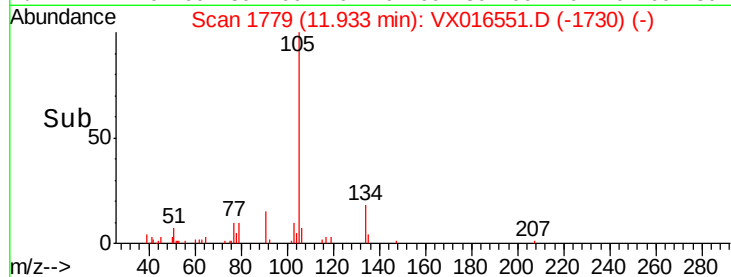
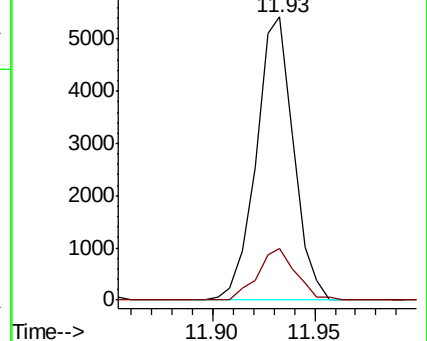
105 100

134 18.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.439 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

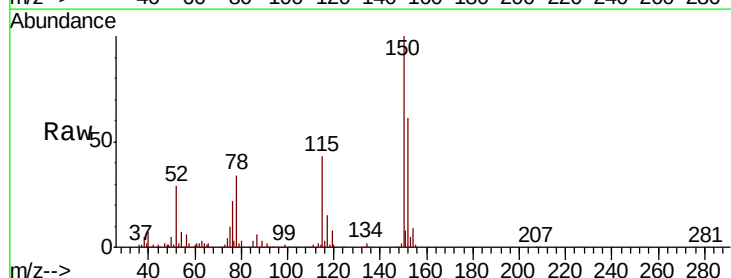
Tgt Ion:119 Resp: 7391

Ion Ratio Lower Upper

119 100

134 30.4 12.7 38.0

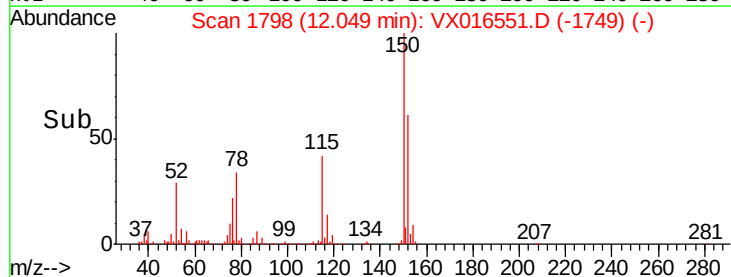
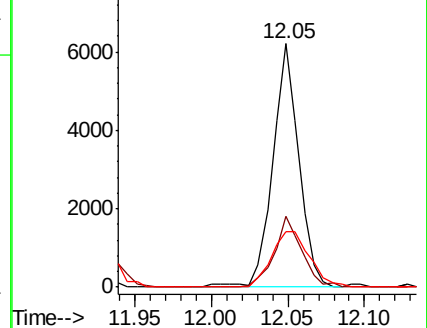
91 33.1 11.7 35.0

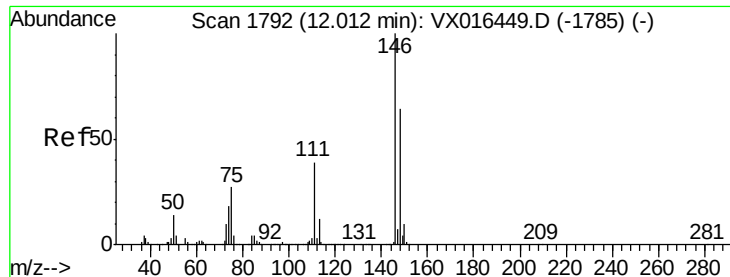


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

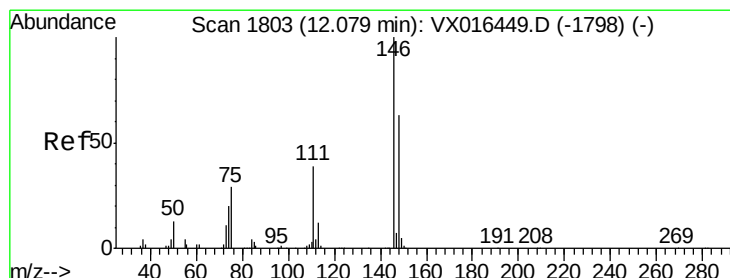
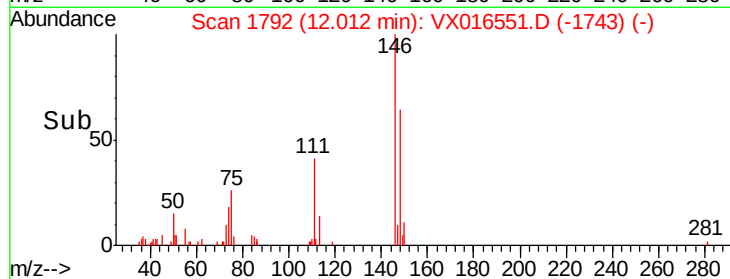
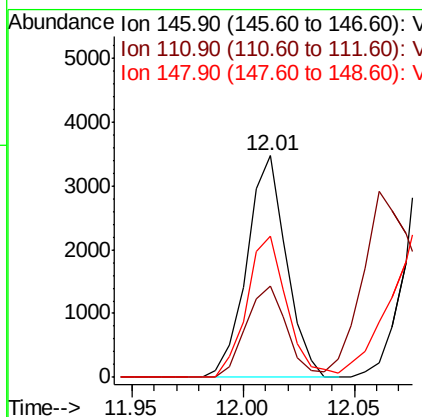
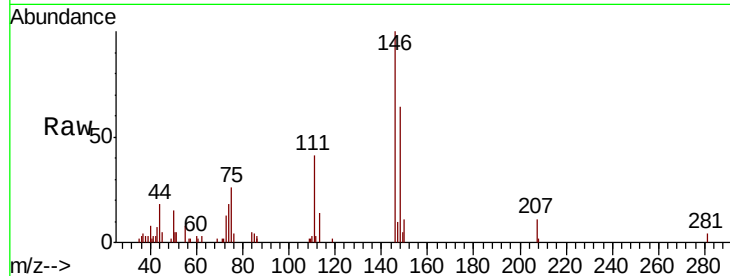




#87
 1,3-Dichlorobenzene
 Concen: 0.470 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

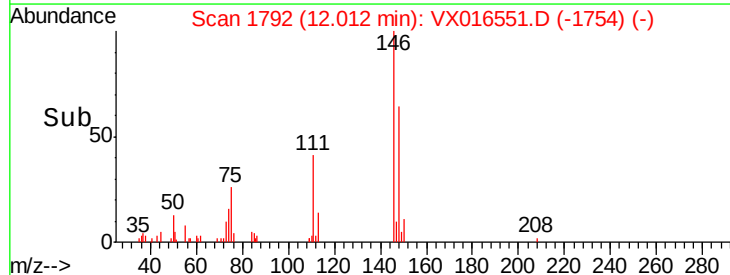
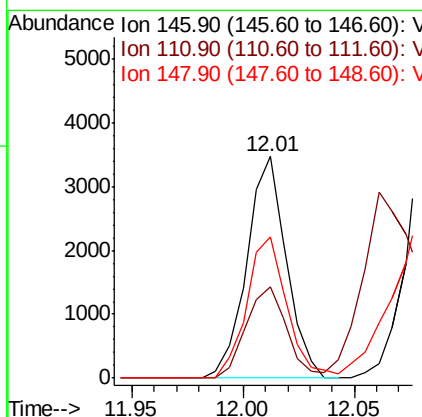
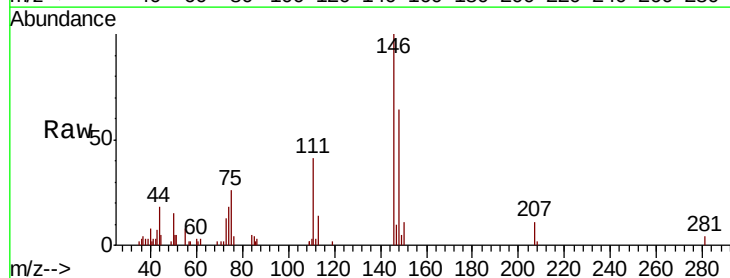
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

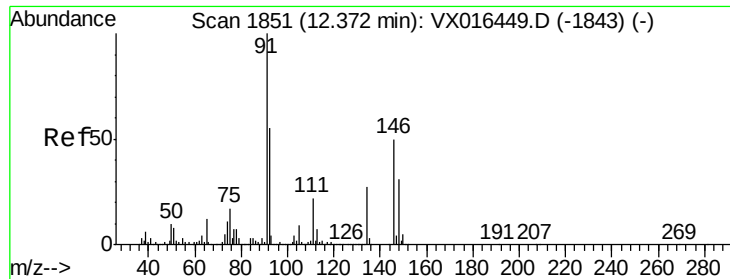
Tot Ion:146 Resp: 4287
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.0 60.0
 148 65.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.460 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

Tgt Ion:146 Resp: 4287
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.4 58.2
 148 65.1 31.4 94.3

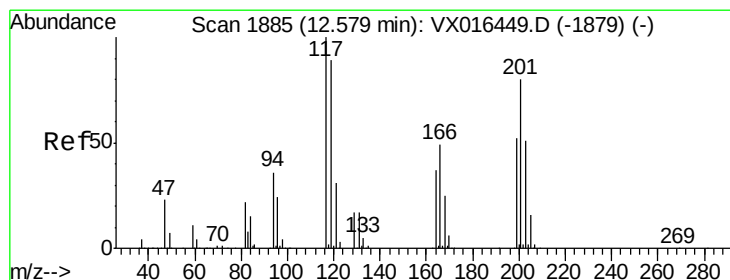
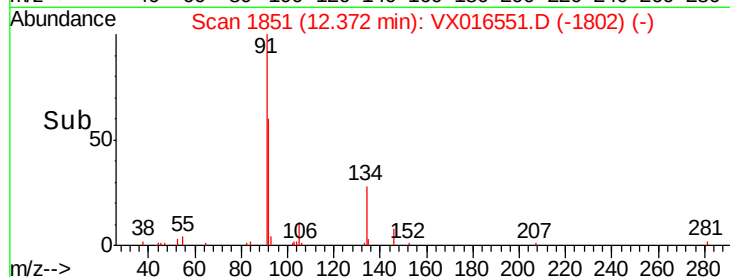
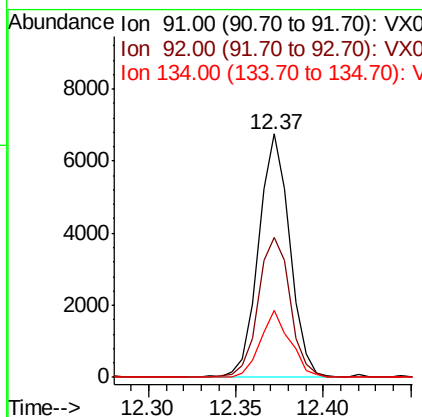
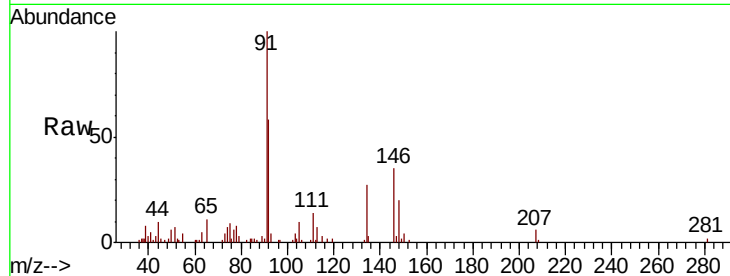




#89
n-Butylbenzene
Concen: 0.598 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

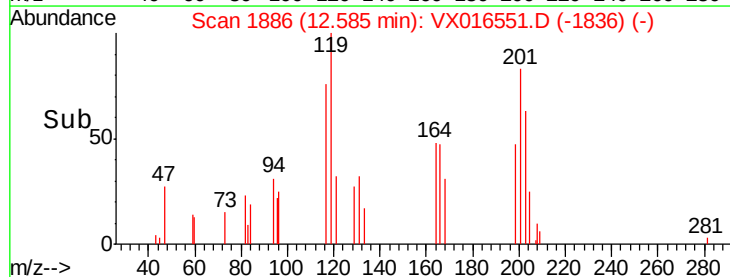
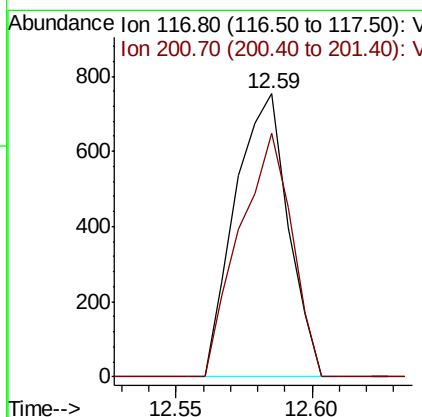
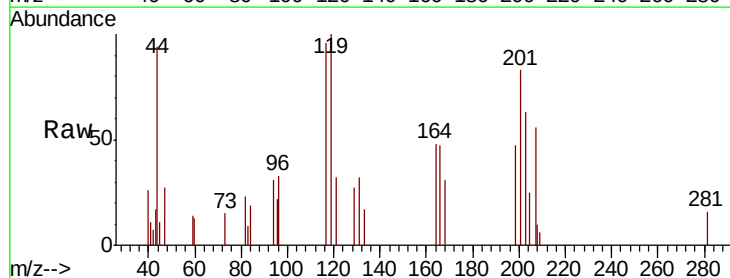
Instrument :
MSVOA_X
ClientSampled :
IBLK

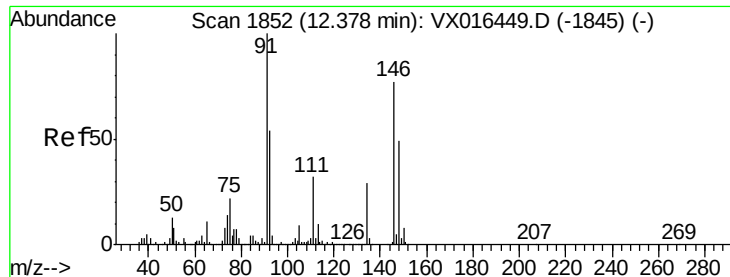
Tot Ion: 91 Resp: 8374
Ion Ratio Lower Upper
91 100
92 59.0 27.2 81.5
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 0.350 ug/l
RT: 12.59 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX016551.D
Acq: 02 Jun 2020 13:03

Tgt Ion: 117 Resp: 1018
Ion Ratio Lower Upper
117 100
201 85.0 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 0.348 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

IBLK

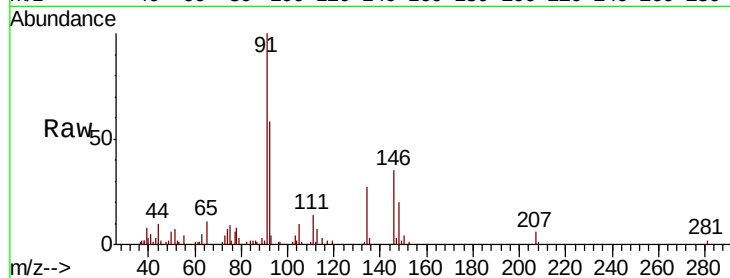
Tot Ion:146 Resp: 3073

Ion Ratio Lower Upper

146 100

111 40.5 21.4 64.3

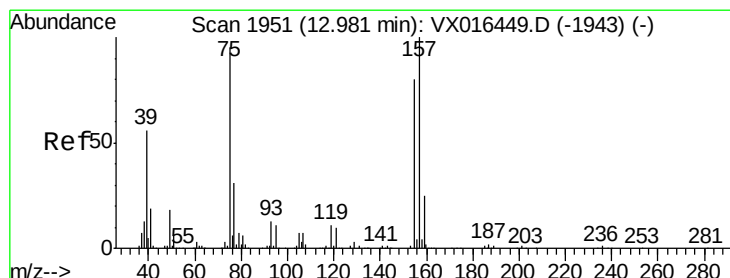
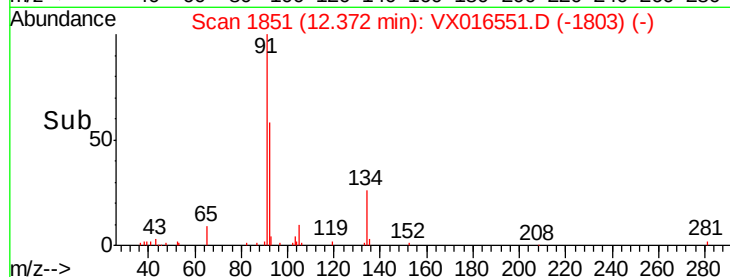
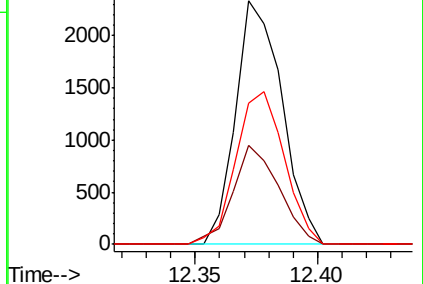
148 65.4 31.9 95.7



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: 0.263 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

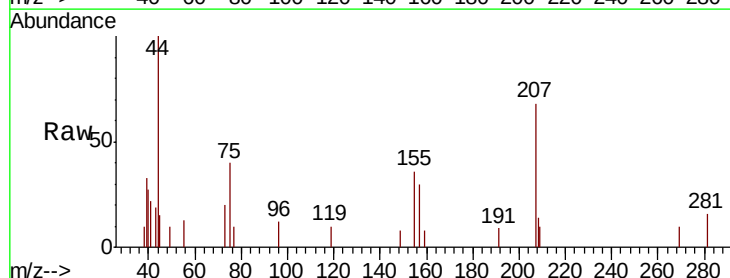
Tgt Ion: 75 Resp: 429

Ion Ratio Lower Upper

75 100

155 63.4 44.1 132.4

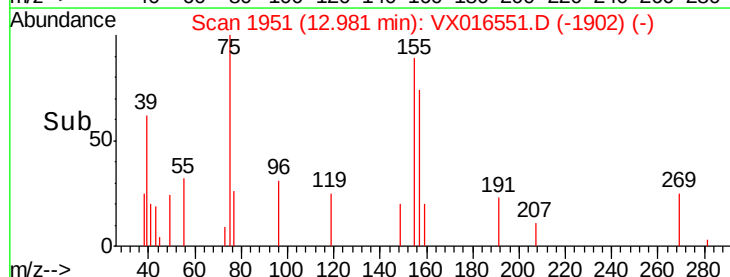
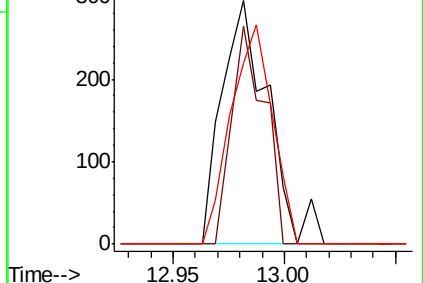
157 80.9 57.8 173.3

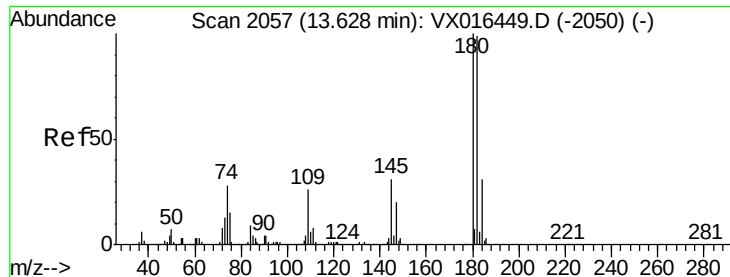


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

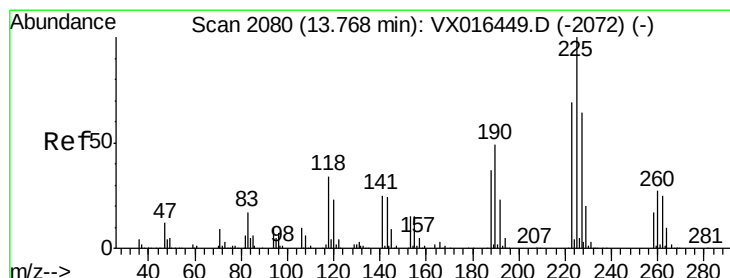
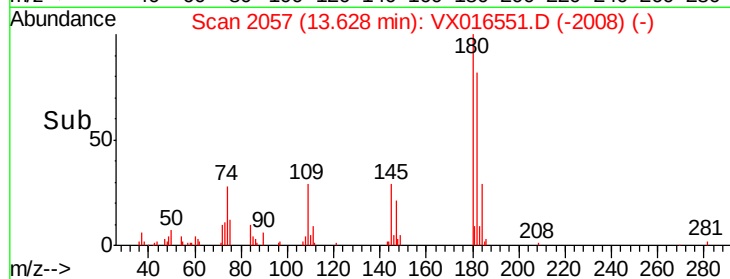
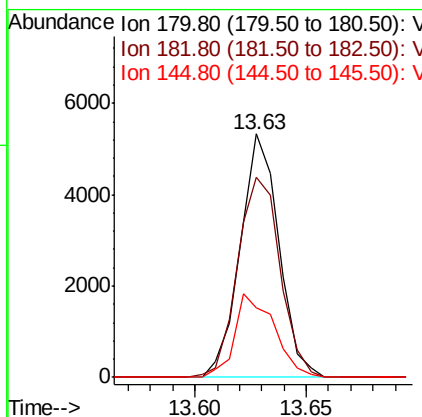
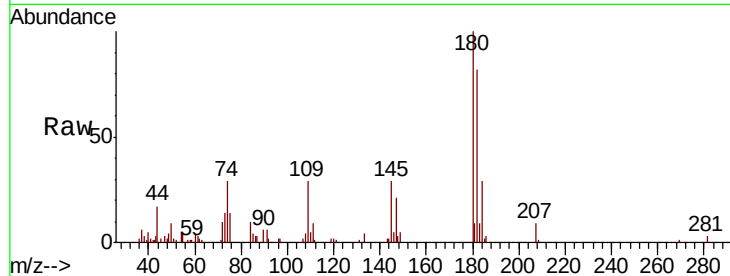




#93
 1,2,4-Trichlorobenzene
 Concen: 1.103 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

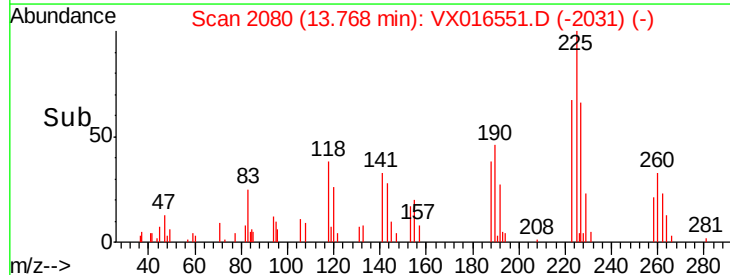
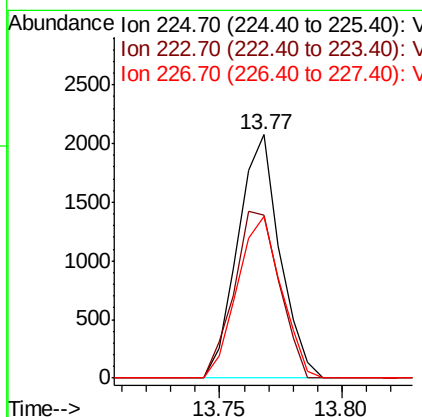
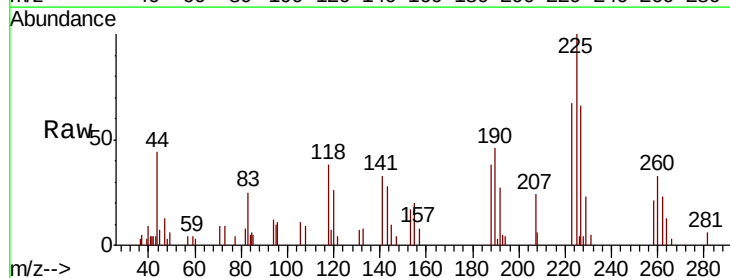
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

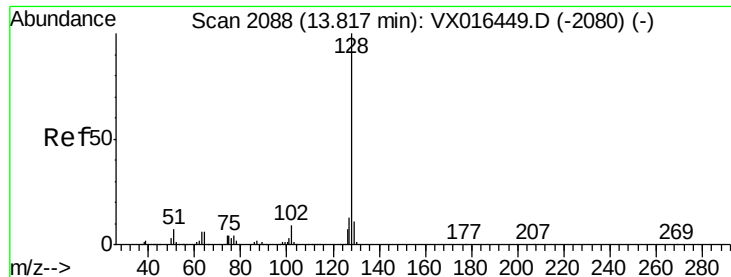
Tot Ion:180 Resp: 6472
 Ion Ratio Lower Upper
 180 100
 182 90.2 48.3 144.8
 145 35.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 1.077 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016551.D
 Acq: 02 Jun 2020 13:03

Tgt Ion:225 Resp: 2482
 Ion Ratio Lower Upper
 225 100
 223 73.7 32.3 96.8
 227 69.7 31.6 94.7





#95

Naphthalene

Concen: 0.619 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

IBLK

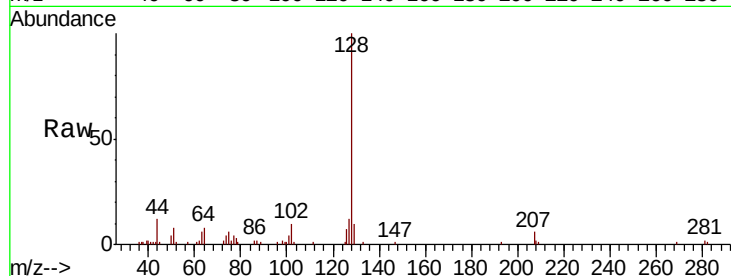
Tot Ion:128 Resp: 12457

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

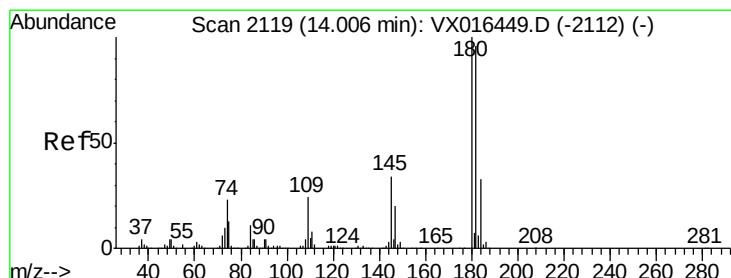
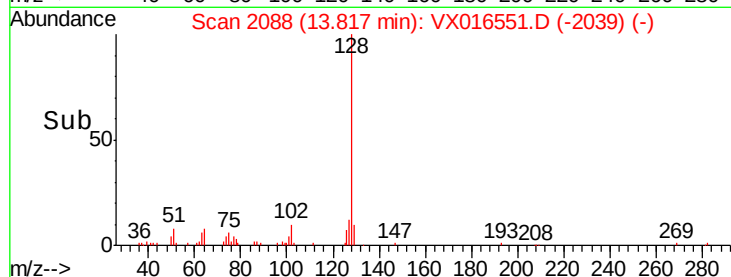
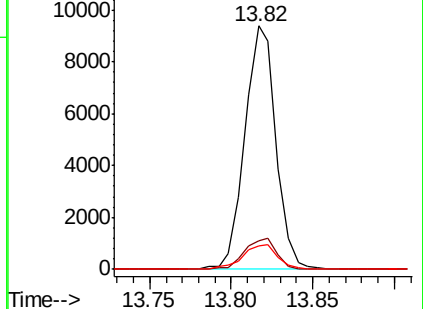
129 11.6 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 1.136 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016551.D

Acq: 02 Jun 2020 13:03

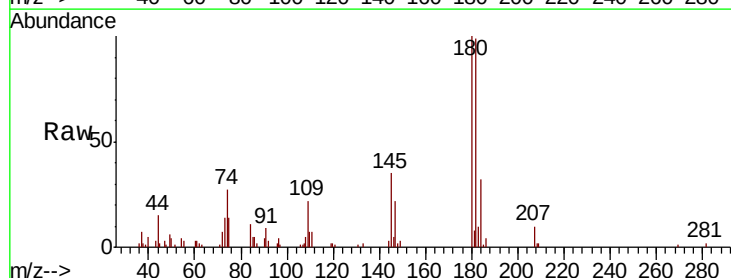
Tgt Ion:180 Resp: 6530

Ion Ratio Lower Upper

180 100

182 91.3 48.6 145.8

145 34.4 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

