

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016658.D
 Acq On : 09 Jun 2020 13:00
 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 10 04:13:47 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	5.63	168	227701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	358190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	131316	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.47	113	107523	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.70	98	439941	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	175896	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.39	62	1643	0.574	ug/l	94
5) Bromomethane	1.65	94	770	0.553	ug/l #	25
10) Methyl Iodide	2.50	142	727	3.331	ug/l #	96
11) Tert butyl alcohol	3.01	59	196	0.270	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	597	0.272	ug/l #	64
13) Acrolein	2.27	56	831	2.694	ug/l #	61
15) Acrylonitrile	3.12	53	981	0.660	ug/l	94
16) Acetone	2.42	43	850	0.686	ug/l #	86
17) Carbon Disulfide	2.56	76	3835	0.589	ug/l #	90
18) Methyl Acetate	2.75	43	739	0.233	ug/l #	76
20) Methylene Chloride	2.84	84	695	0.271	ug/l #	75
21) trans-1,2-Dichloroethene	3.14	96	655	0.270	ug/l	93
25) 2-Butanone	4.64	43	930	0.443	ug/l #	49
27) cis-1,2-Dichloroethene	4.57	96	6222	2.219	ug/l	83
29) Tetrahydrofuran	5.10	42	497	0.366	ug/l #	36
38) Carbon Tetrachloride	5.63	117	21567	6.085	ug/l #	16
39) Methylcyclohexane	7.45	83	822	0.224	ug/l #	87
44) Trichloroethene	7.18	130	796	0.250	ug/l	98
49) 1,4-Dioxane	7.73	88	71	1.003	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.29	63	433	0.202	ug/l	95
59) 2-Hexanone	9.47	43	689	0.225	ug/l	98
68) m/p-Xylenes	10.35	106	1167	0.242	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	84371	21.351	ug/l #	35
78) n-propylbenzene	11.34	91	2997	0.215	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	84371	52.520	ug/l #	14
82) 4-Chlorotoluene	11.49	91	2540	0.253	ug/l	92
85) sec-Butylbenzene	11.93	105	3140	0.282	ug/l	94
86) p-Isopropyltoluene	12.05	119	3565	0.341	ug/l	81
87) 1,3-Dichlorobenzene	12.01	146	1895	0.335	ug/l	87
88) 1,4-Dichlorobenzene	12.01	146	1895	0.327	ug/l	85
89) n-Butylbenzene	12.37	91	4812	0.553	ug/l	98
90) Hexachloroethane	12.58	117	371	0.206	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1478	0.270	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	273	0.270	ug/l	81

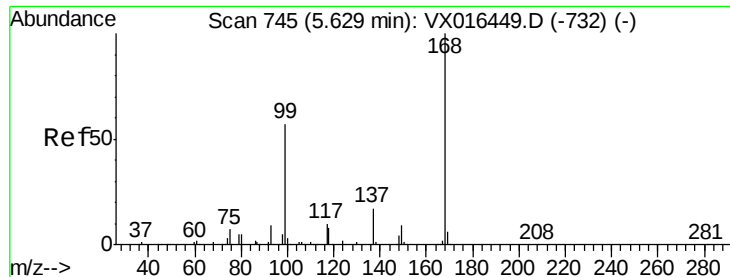
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
Data File : VX016658.D
Acq On : 09 Jun 2020 13:00
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Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 10 04:13:47 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)
93) 1,2,4-Trichlorobenzene	13.63	180	3208	0.881	ug/l	100
94) Hexachlorobutadiene	13.77	225	2418	1.691	ug/l	96
95) Naphthalene	13.82	128	7040	0.564	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	3450	0.967	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

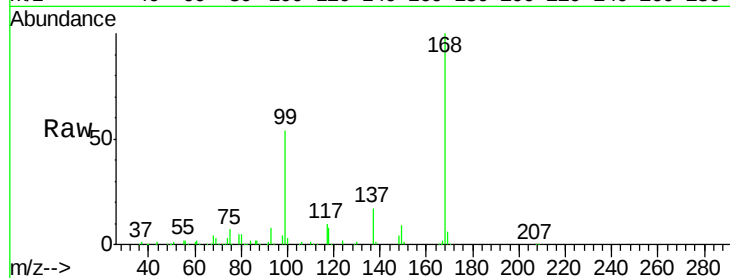
IBLK

Tot Ion:168 Resp: 227701

Ion Ratio Lower Upper

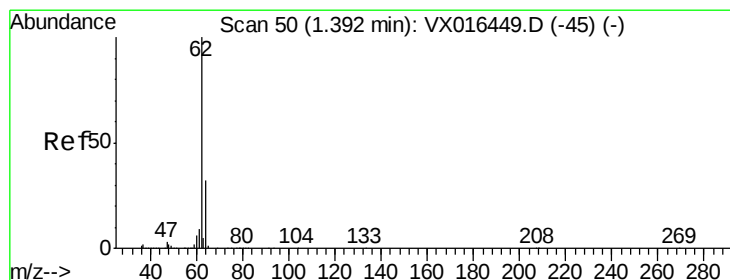
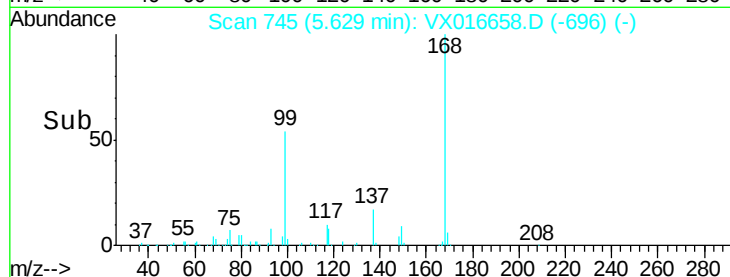
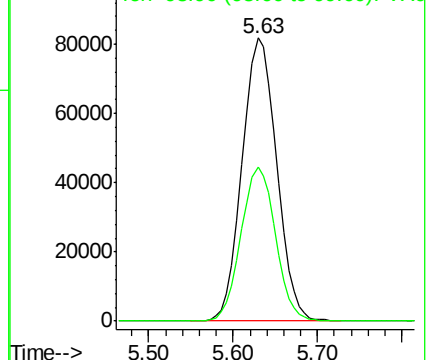
168 100

99 54.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.574 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016658.D

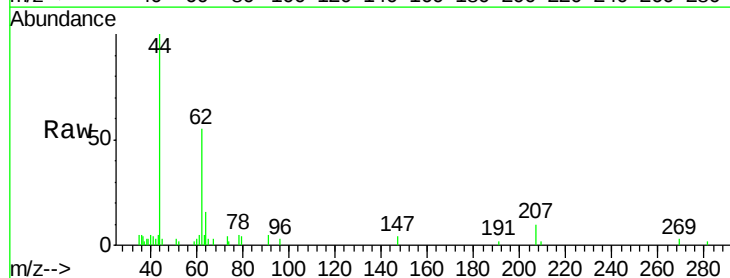
Acq: 09 Jun 2020 13:00

Tgt Ion: 62 Resp: 1643

Ion Ratio Lower Upper

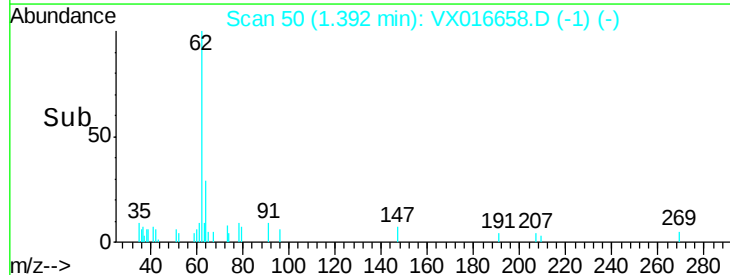
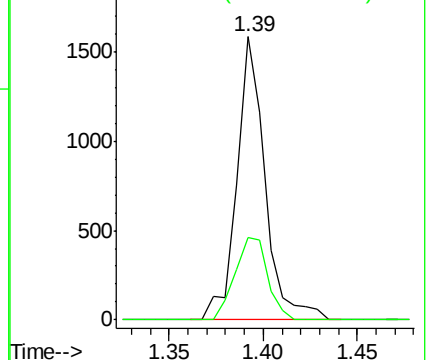
62 100

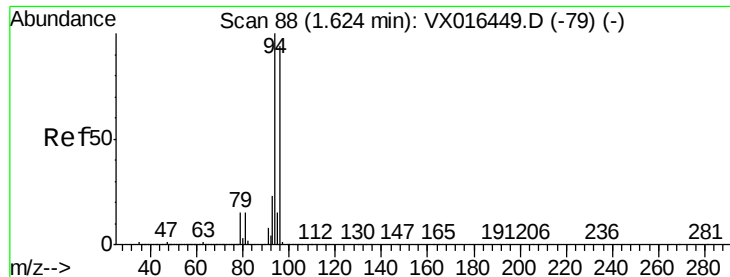
64 29.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.553 ug/l

RT: 1.65 min Scan# 93

Delta R.T. 0.03 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

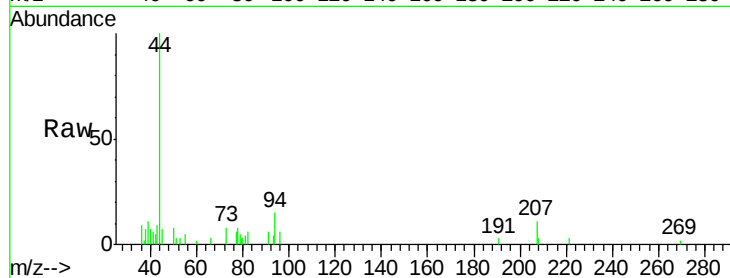
IBLK

Tot Ion: 94 Resp: 770

Ion Ratio Lower Upper

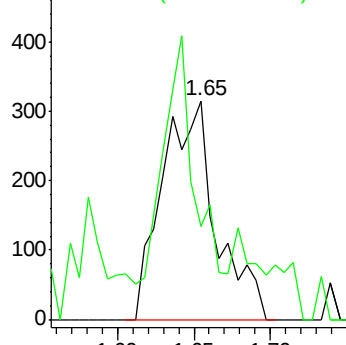
94 100

96 21.6 75.1 112.7#

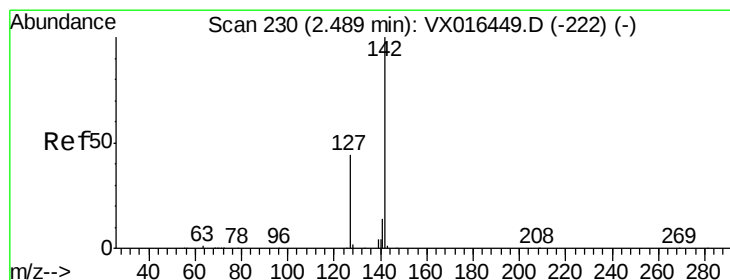
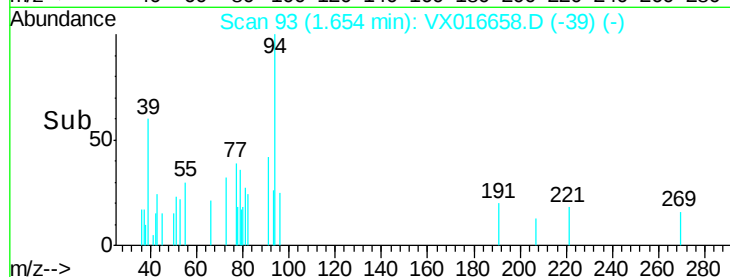


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 3.331 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

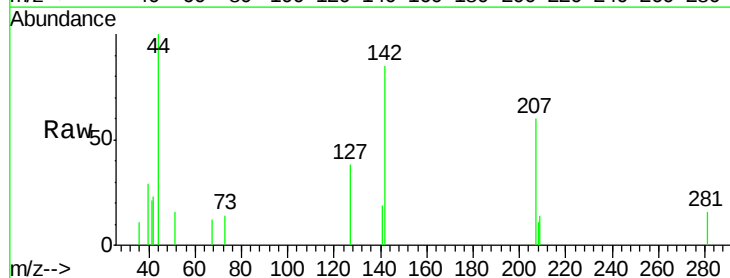
Tgt Ion: 142 Resp: 727

Ion Ratio Lower Upper

142 100

127 44.8 35.3 52.9

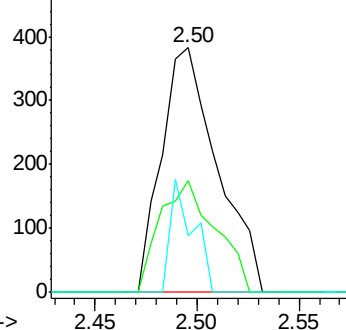
141 18.7 11.4 17.2#



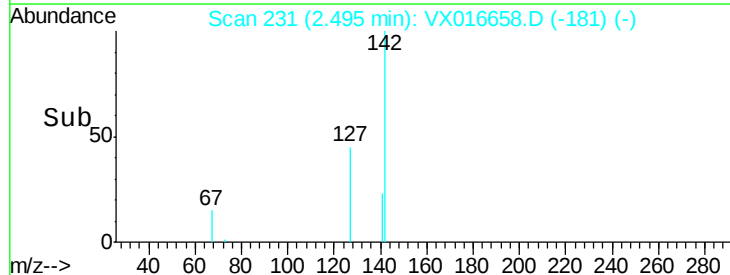
Abundance Ion 141.80 (141.50 to 142.50): V

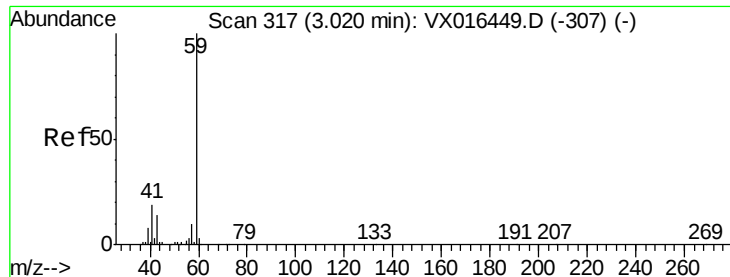
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

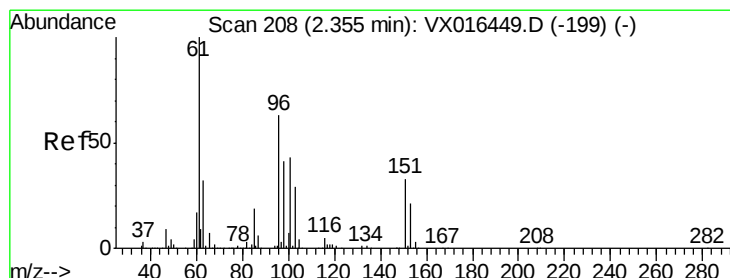
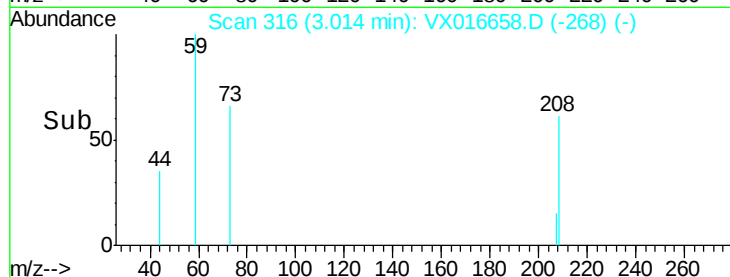
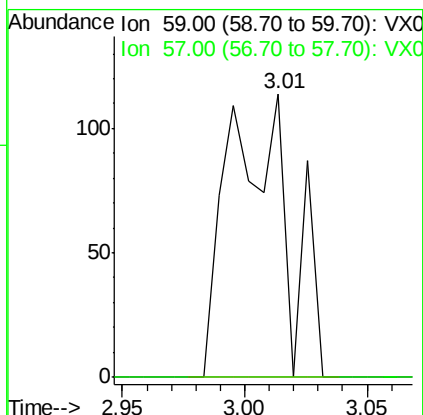
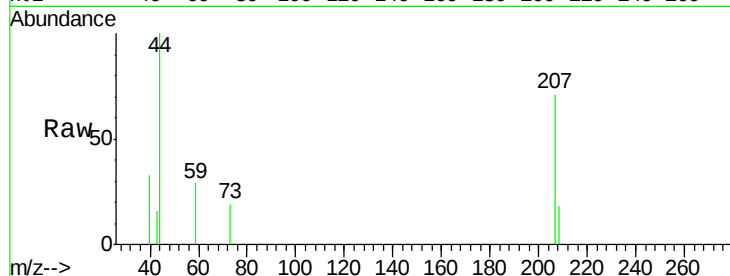




#11
Tert butyl alcohol
Concen: 0.270 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

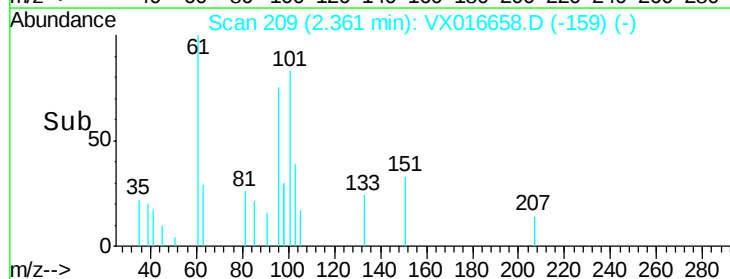
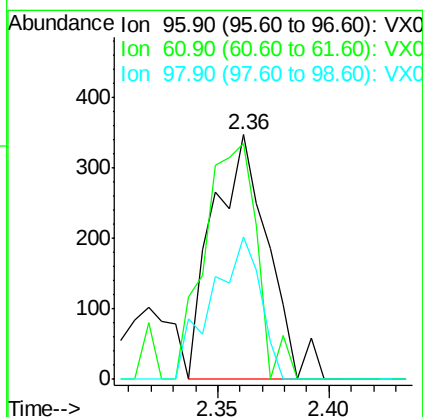
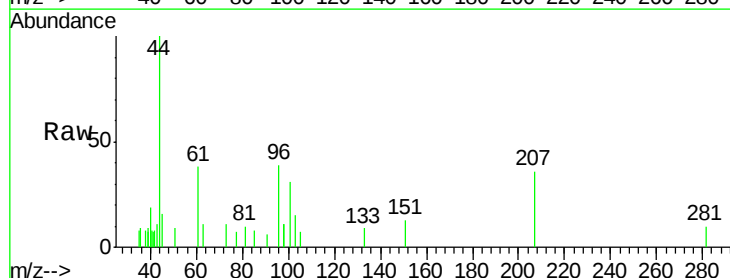
Instrument :
MSVOA_X
ClientSampled :
IBLK

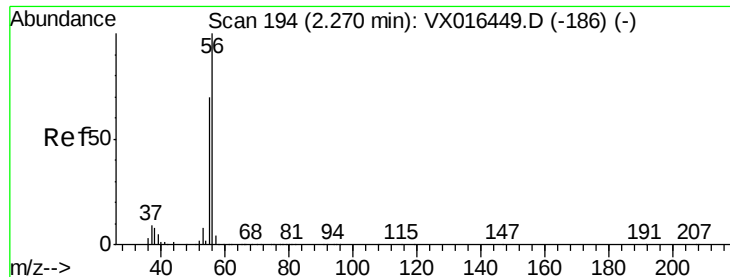
Tot Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.272 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion: 96 Resp: 597
Ion Ratio Lower Upper
96 100
61 96.5 126.6 189.8#
98 57.9 51.3 76.9





#13

Acrolein

Concen: 2.694 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

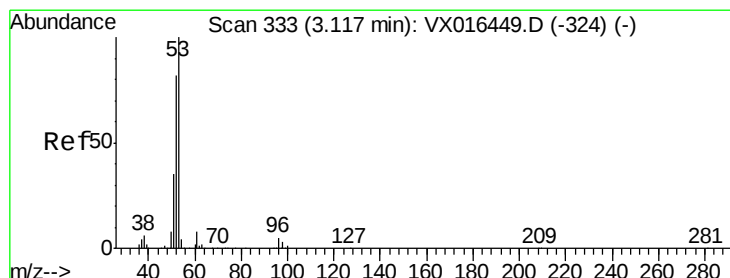
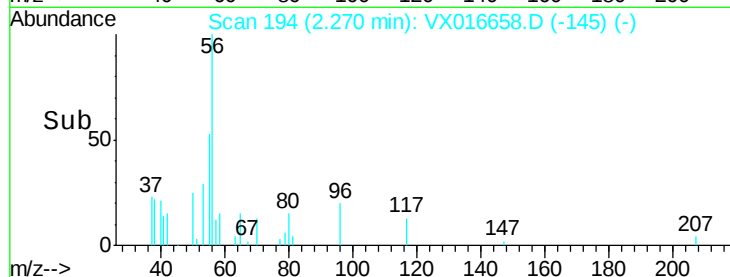
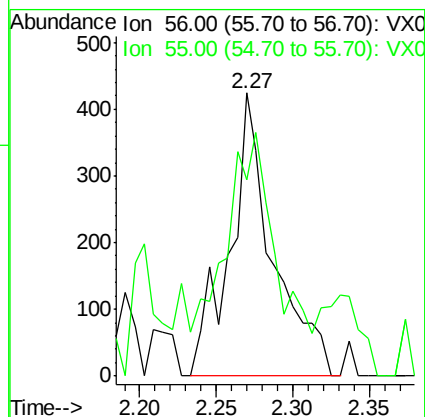
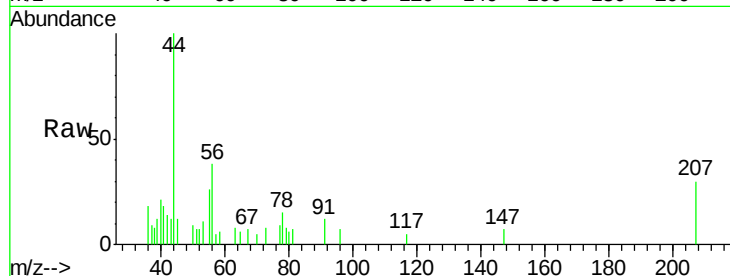
IBLK

Tot Ion: 56 Resp: 831

Ion Ratio Lower Upper

56 100

55 105.4 58.3 87.5#



#15

Acrylonitrile

Concen: 0.660 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

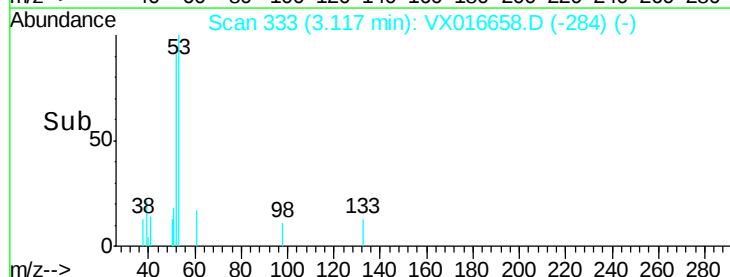
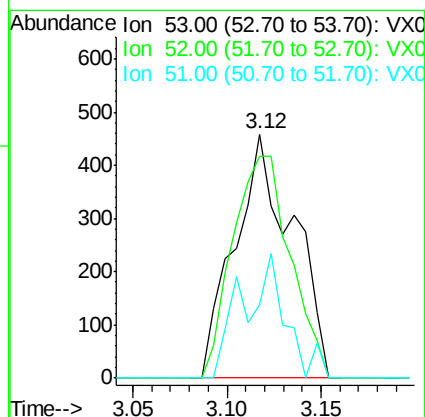
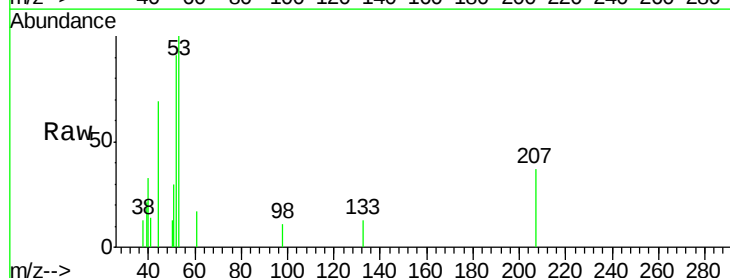
Tgt Ion: 53 Resp: 981

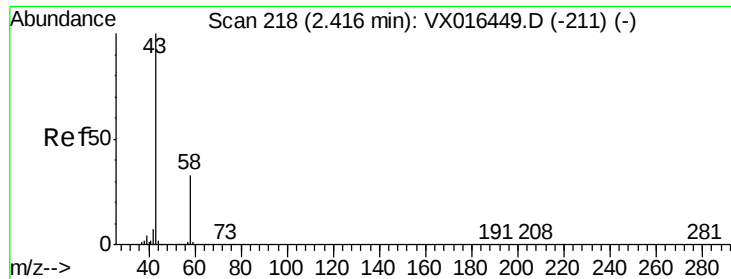
Ion Ratio Lower Upper

53 100

52 90.2 66.7 100.1

51 38.0 28.6 43.0





#16

Acetone

Concen: 0.686 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

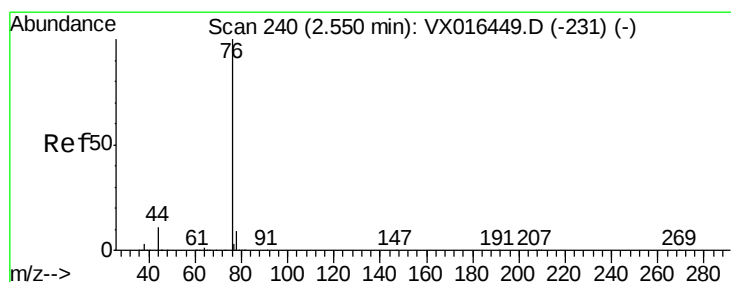
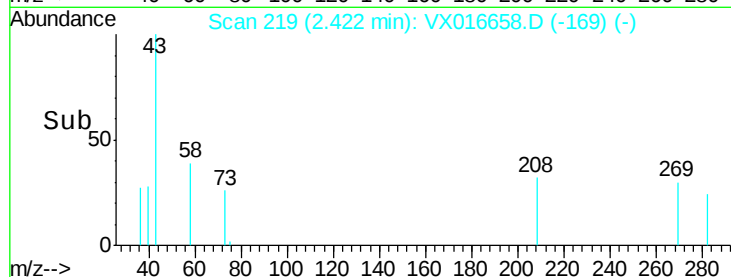
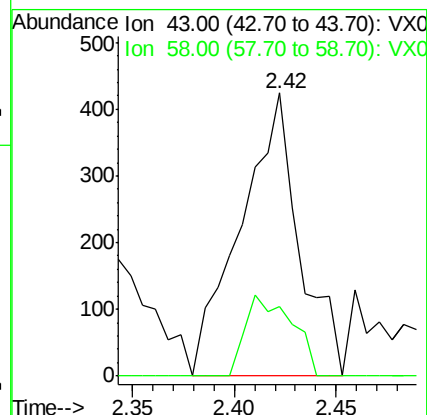
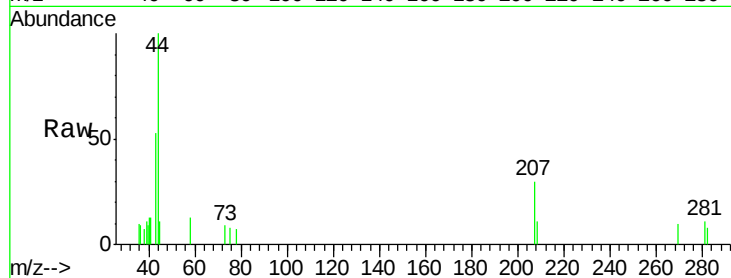
IBLK

Tot Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

58 24.8 26.1 39.1#



#17

Carbon Disulfide

Concen: 0.589 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016658.D

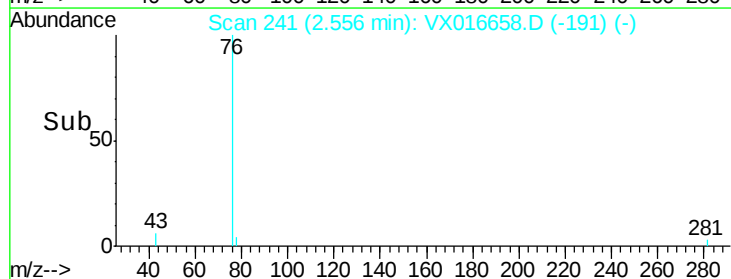
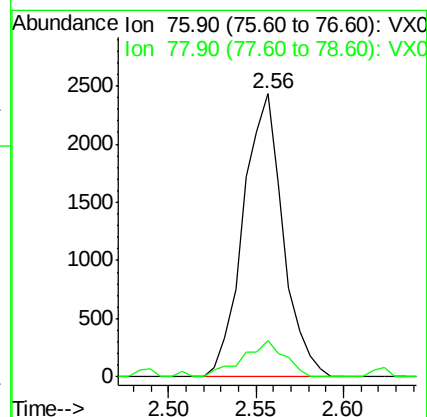
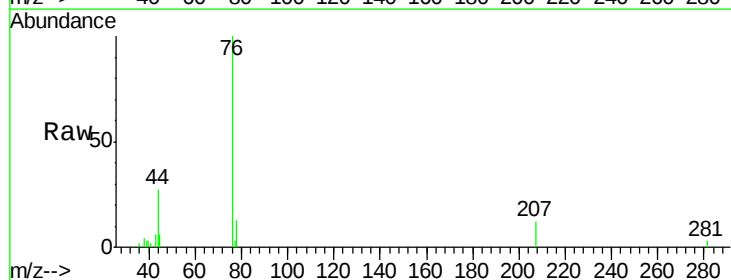
Acq: 09 Jun 2020 13:00

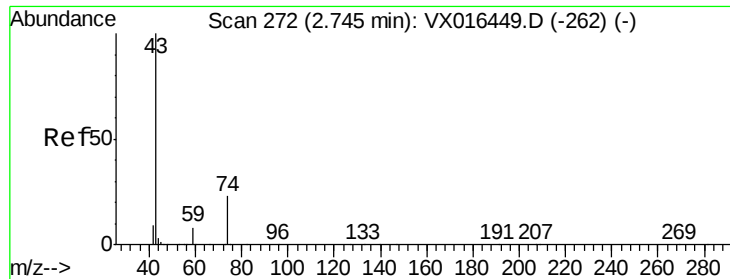
Tgt Ion: 76 Resp: 3835

Ion Ratio Lower Upper

76 100

78 12.8 7.4 11.0#

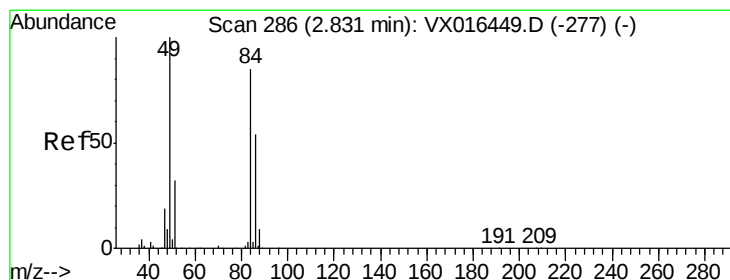
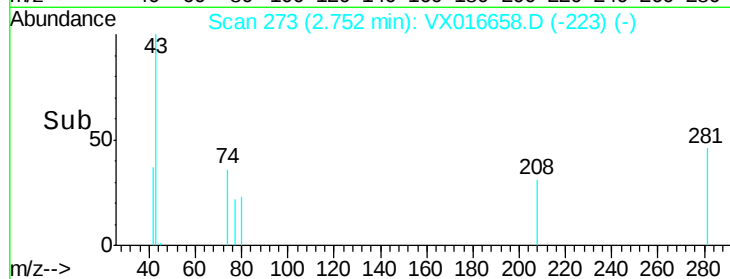
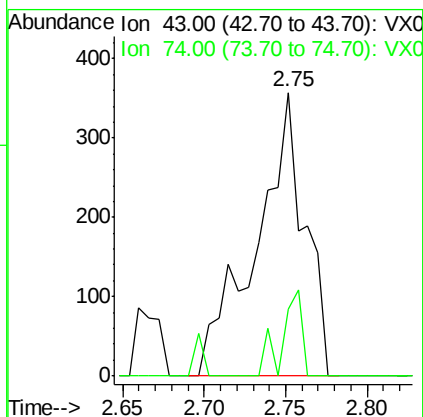
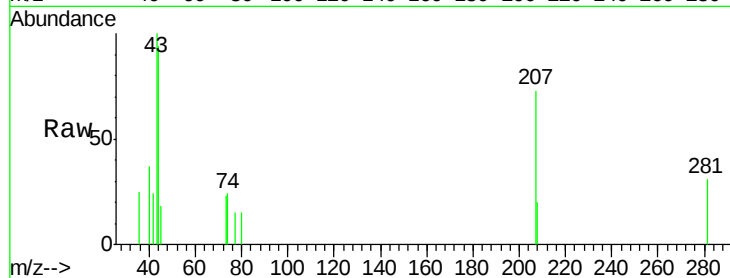




#18
Methyl Acetate
Concen: 0.233 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

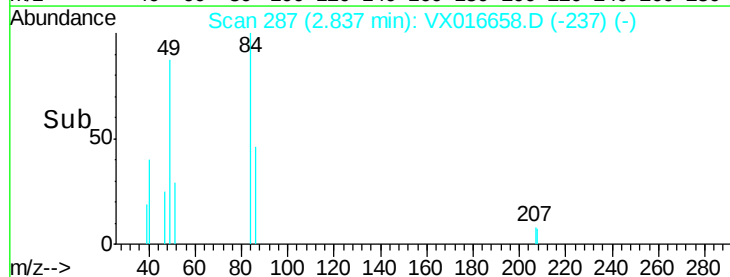
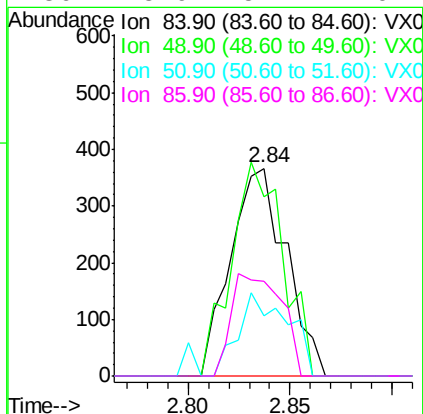
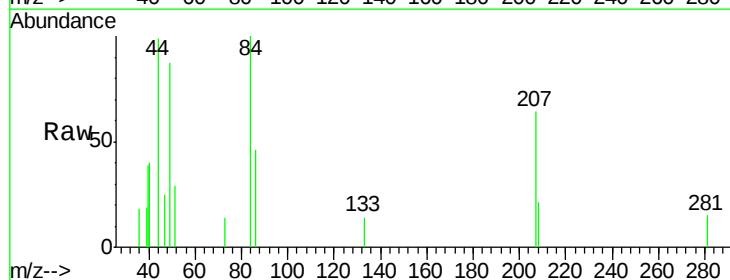
Instrument :
MSVOA_X
ClientSampled :
IBLK

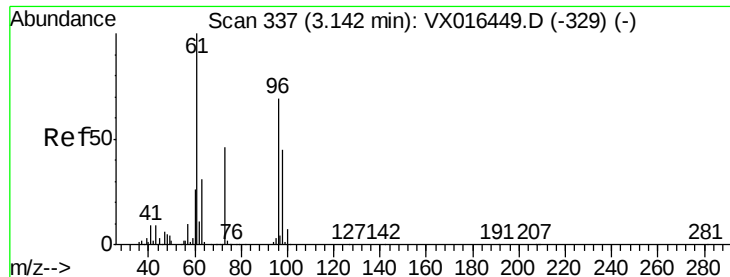
Tot Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
74 12.6 19.7 29.5#



#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion: 84 Resp: 695
Ion Ratio Lower Upper
84 100
49 86.6 94.5 141.7#
51 29.2 30.2 45.4#
86 45.9 51.1 76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.270 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

IBLK

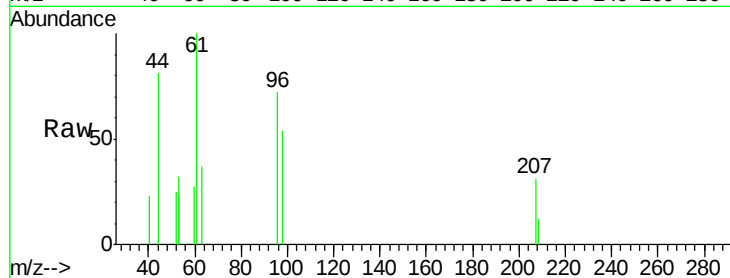
Tot Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 139.5 115.3 172.9

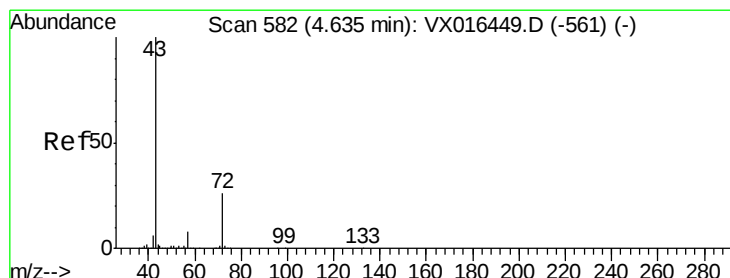
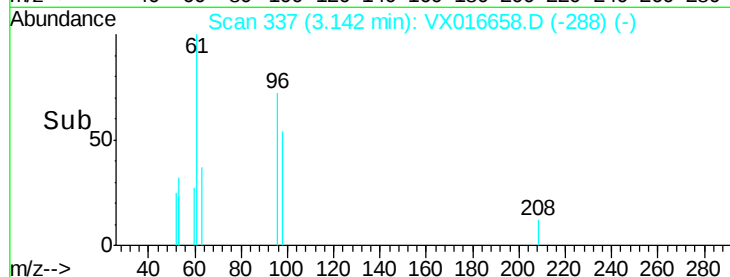
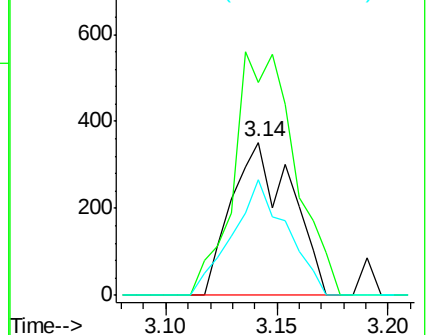
98 75.6 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.443 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016658.D

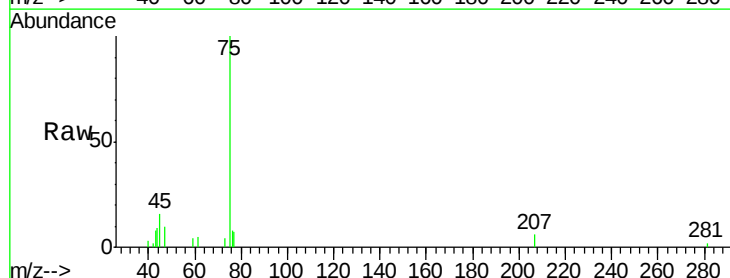
Acq: 09 Jun 2020 13:00

Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

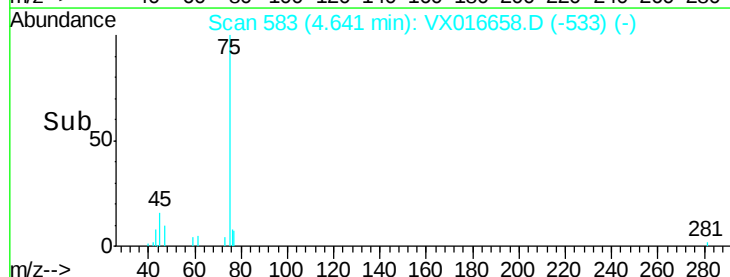
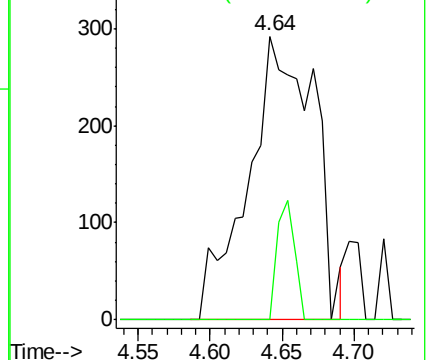
43 100

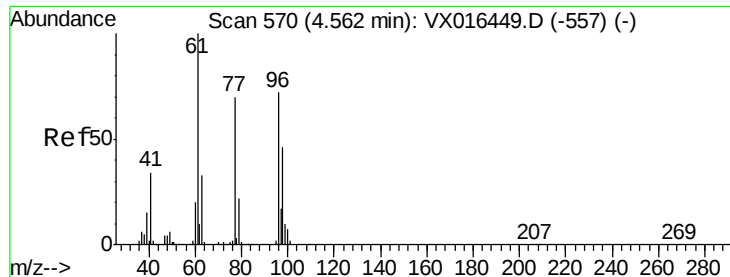
72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



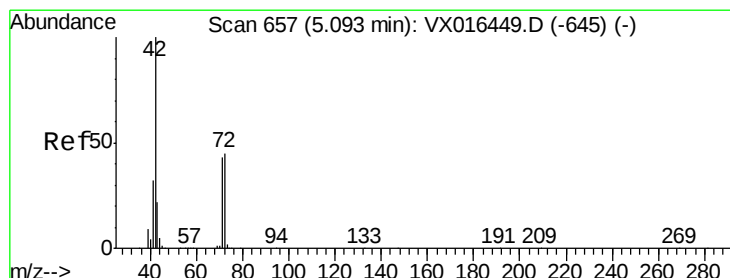
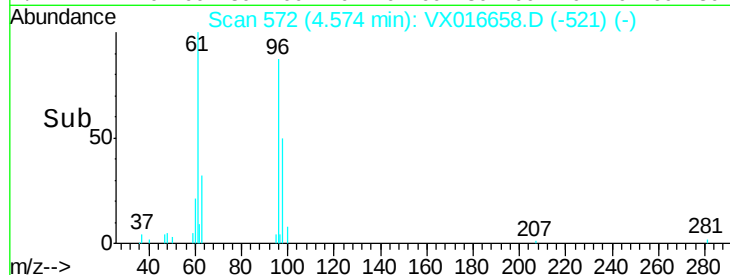
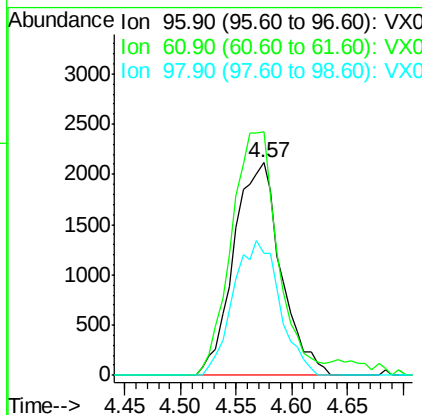
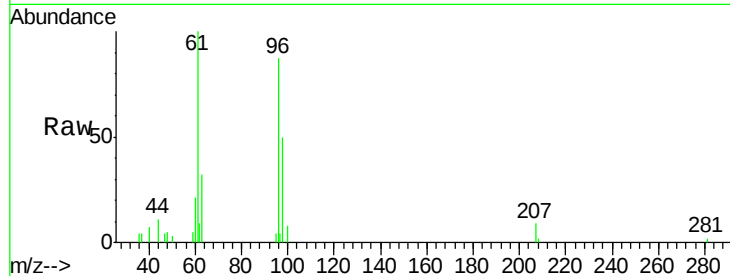


#27

cis-1,2-Dichloroethene
 Concen: 2.219 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

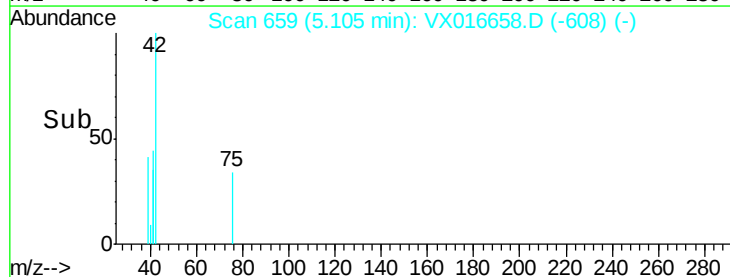
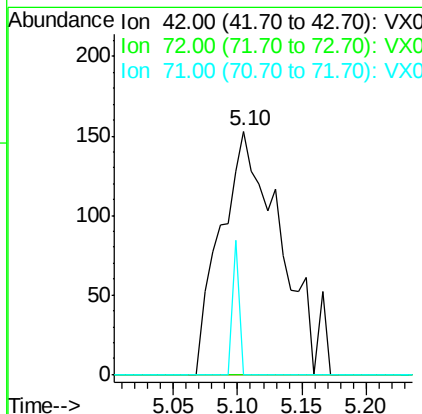
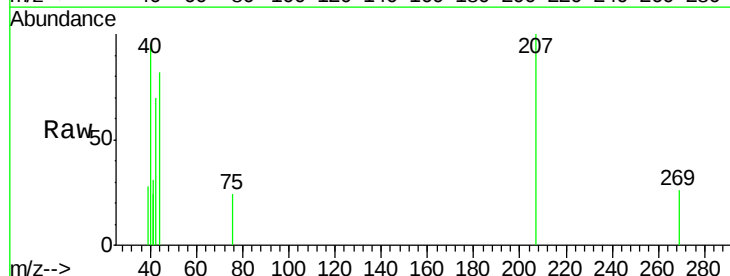
Tot Ion	96	Resp	6222
Ion	Ratio	Lower	Upper
96	100		
61	113.3	0.0	284.6
98	62.2	0.0	127.2

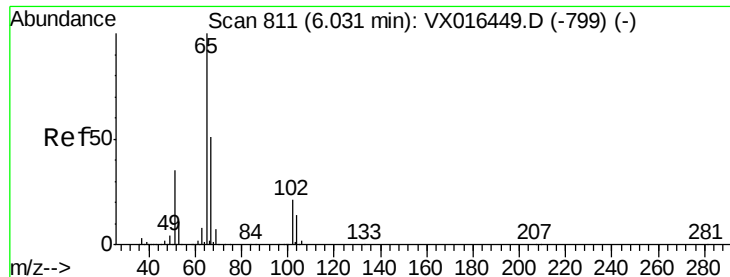


#29

Tetrahydrofuran
 Concen: 0.366 ug/l
 RT: 5.10 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

Tgt Ion	42	Resp	497
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	6.2	34.1	51.1#





#33

1,2-Dichloroethane-d4

Concen: 46.438 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

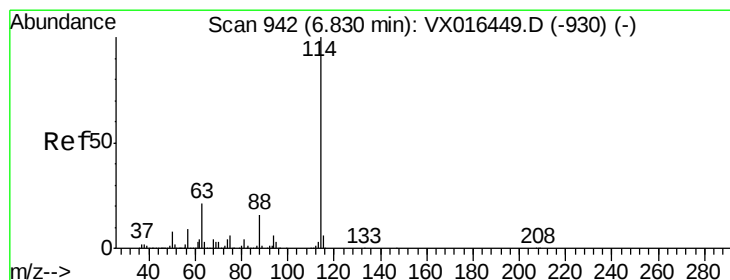
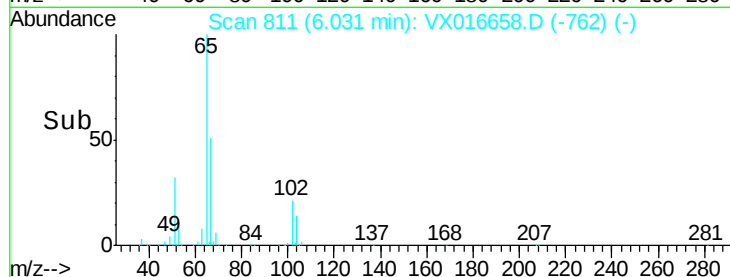
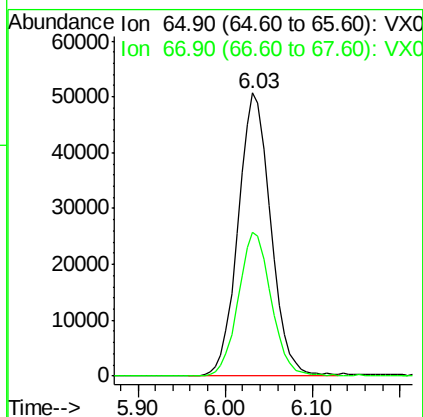
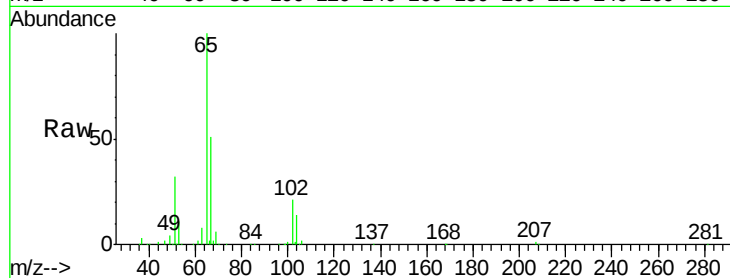
IBLK

Tot Ion: 65 Resp: 131316

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

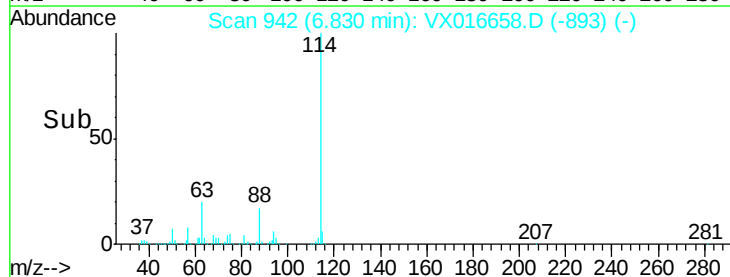
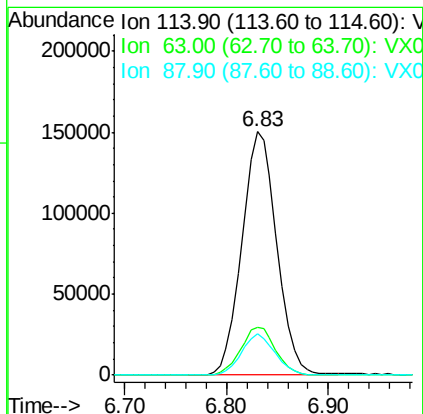
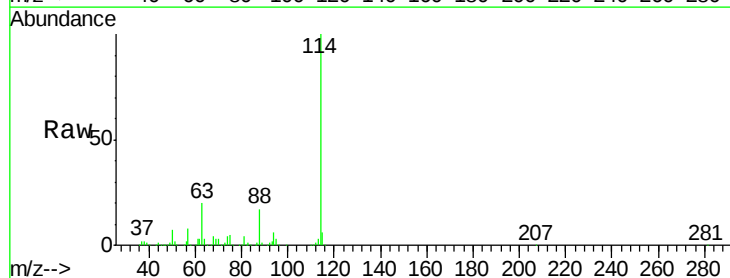
Tgt Ion: 114 Resp: 356220

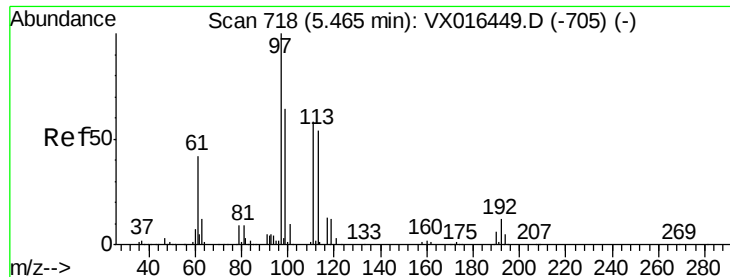
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

IBLK

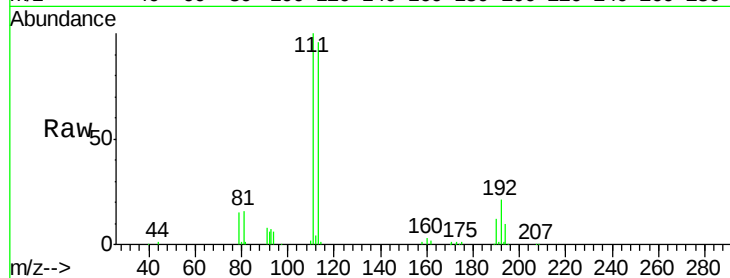
Tot Ion:113 Resp: 107523

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

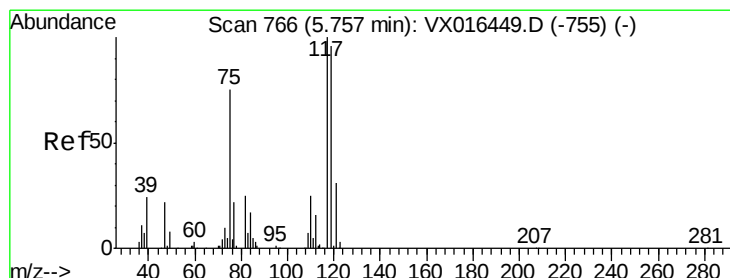
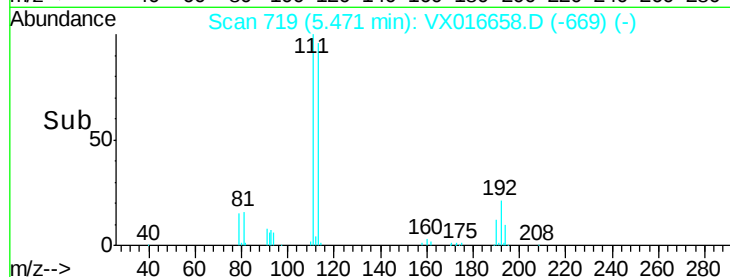
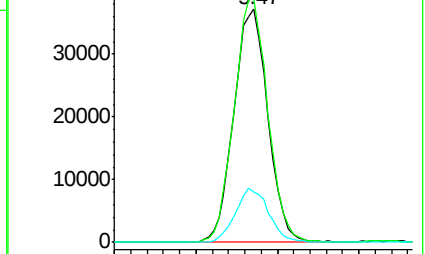
192 22.8 17.7 26.5



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



#38

Carbon Tetrachloride

Concen: 6.085 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

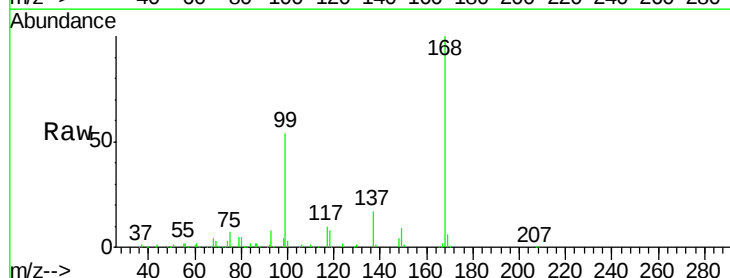
Tgt Ion:117 Resp: 21567

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

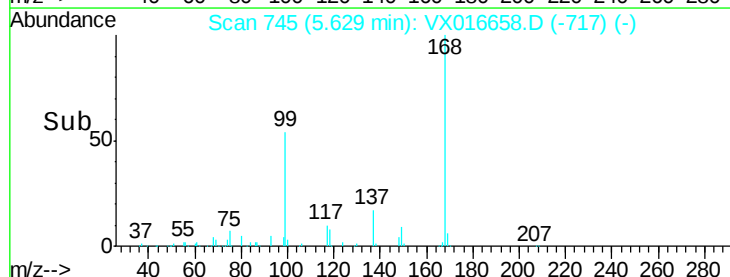
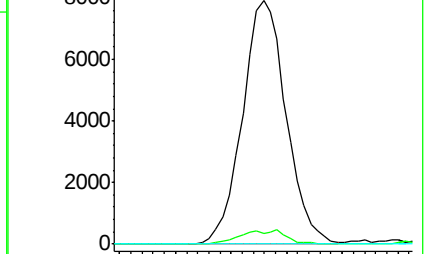
121 0.0 24.6 37.0#

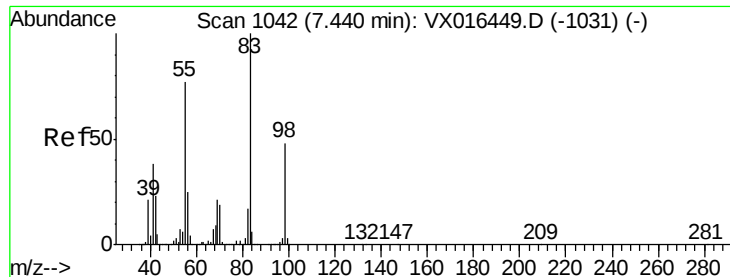


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 0.224 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

IBLK

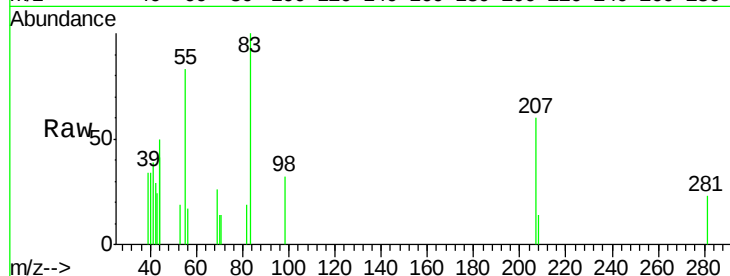
Tot Ion: 83 Resp: 822

Ion Ratio Lower Upper

83 100

55 82.6 61.7 92.5

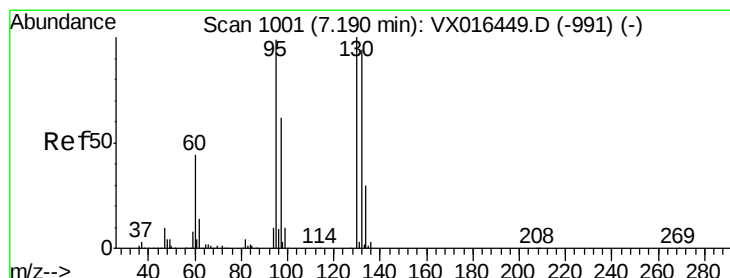
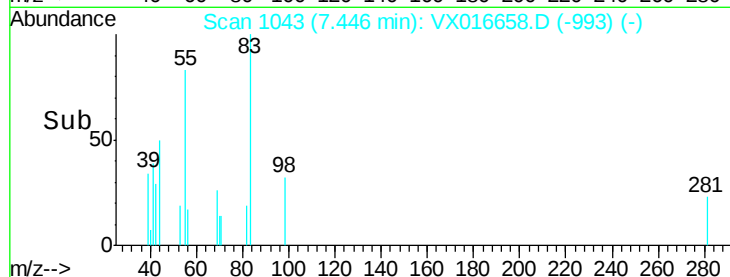
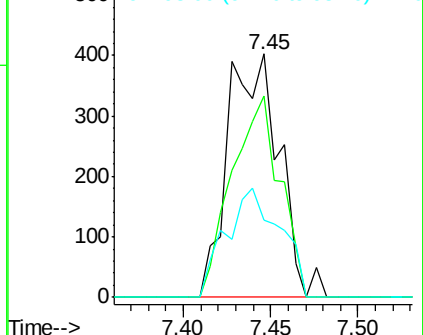
98 31.8 38.7 58.1#



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: 0.250 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016658.D

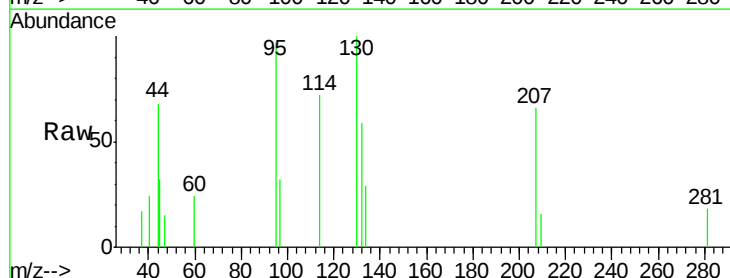
Acq: 09 Jun 2020 13:00

Tgt Ion:130 Resp: 796

Ion Ratio Lower Upper

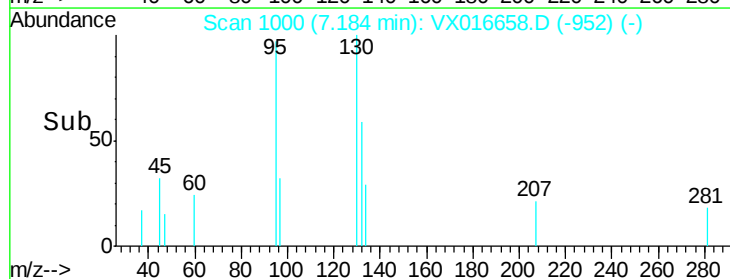
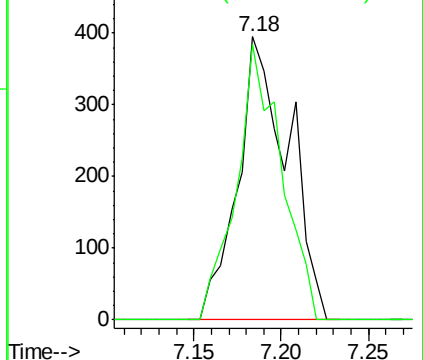
130 100

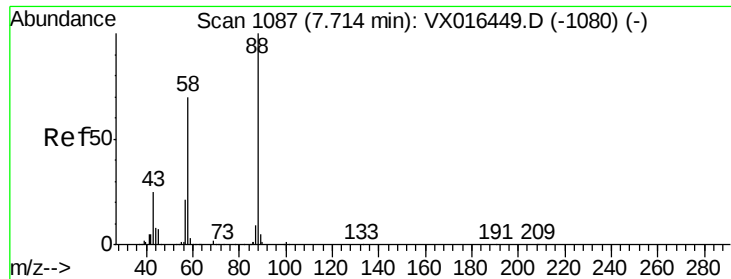
95 97.2 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 1.003 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

IBLK

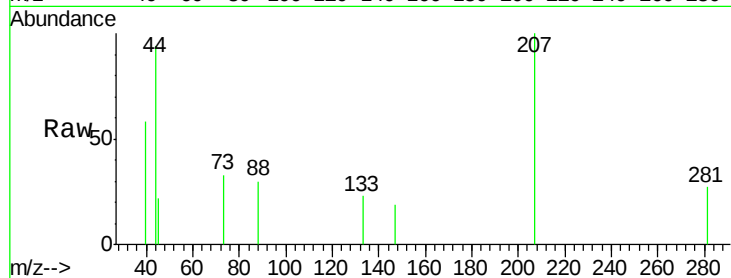
Tot Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 66.2 24.2 36.4#

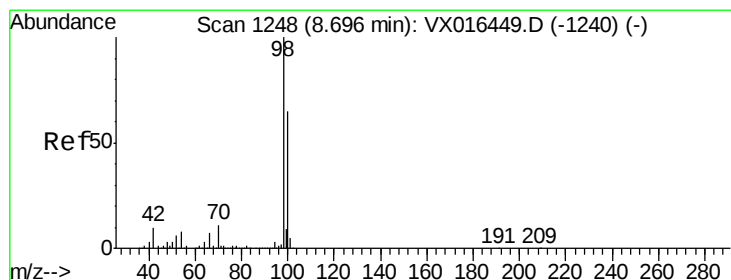
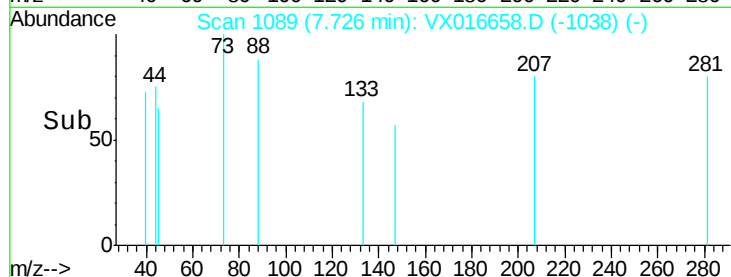
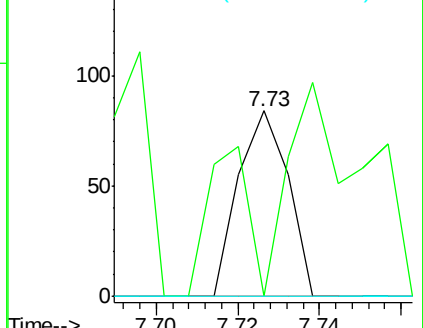
58 0.0 56.5 84.7#



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: 51.532 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016658.D

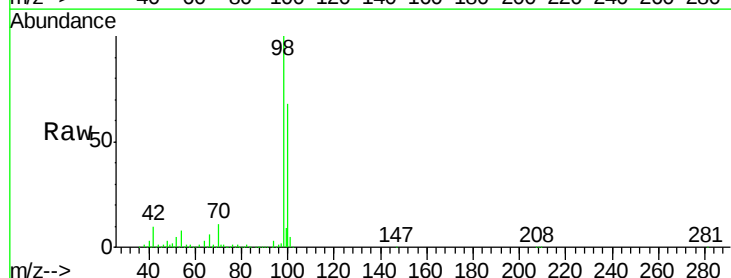
Acq: 09 Jun 2020 13:00

Tgt Ion: 98 Resp: 439941

Ion Ratio Lower Upper

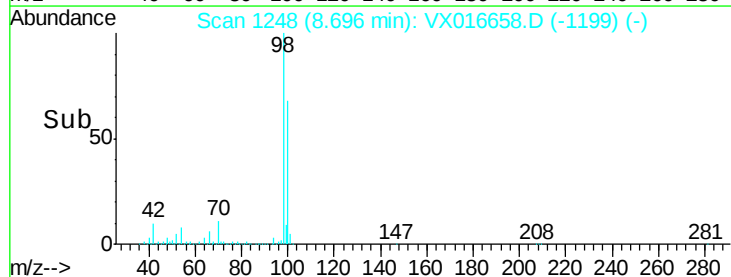
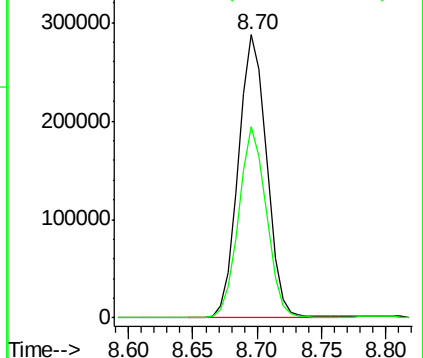
98 100

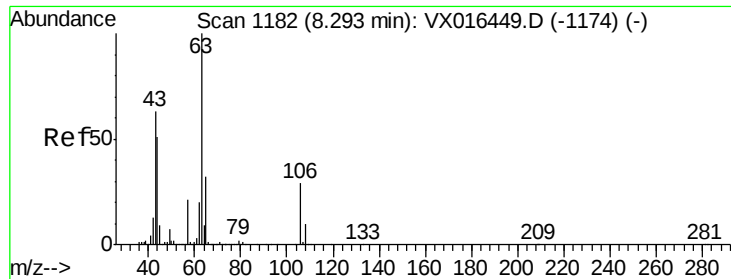
100 65.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#58

2-Chloroethyl Vinyl ether

Concen: 0.202 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

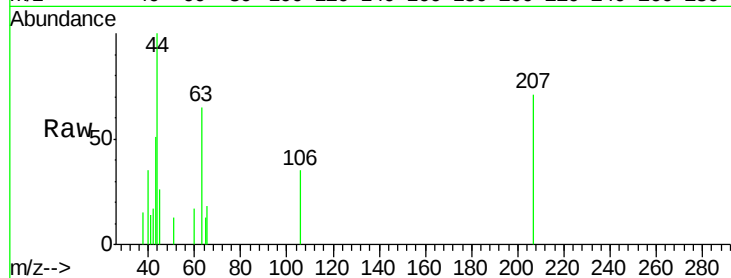
IBLK

Tot Ion: 63 Resp: 433

Ion Ratio Lower Upper

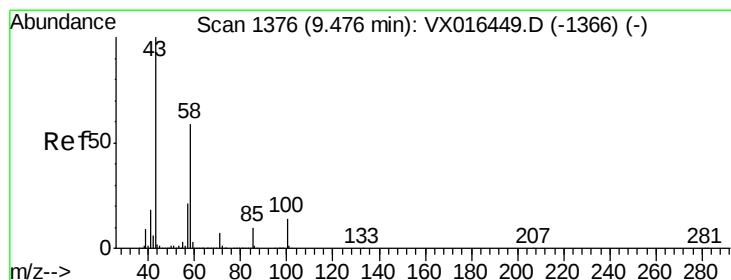
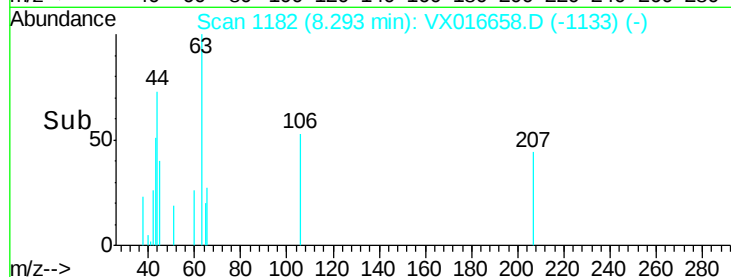
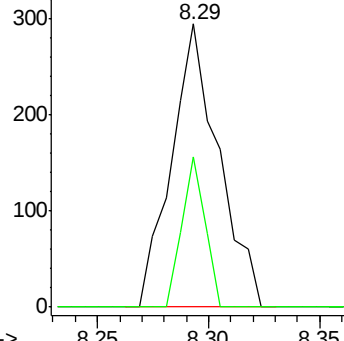
63 100

106 26.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.225 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX016658.D

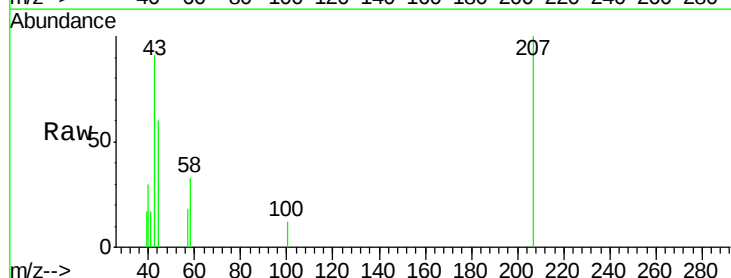
Acq: 09 Jun 2020 13:00

Tgt Ion: 43 Resp: 689

Ion Ratio Lower Upper

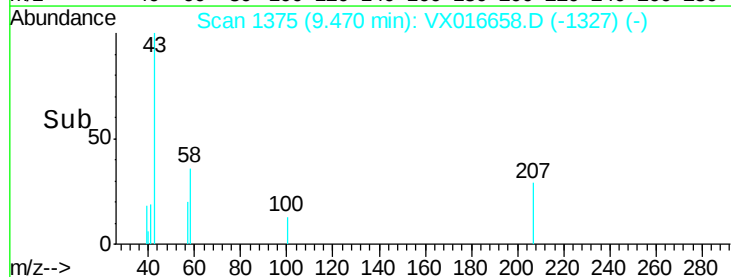
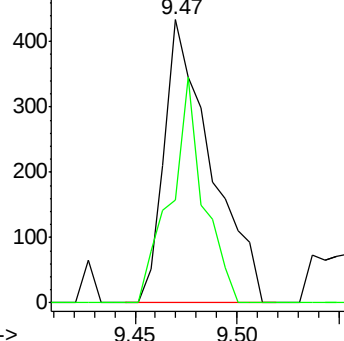
43 100

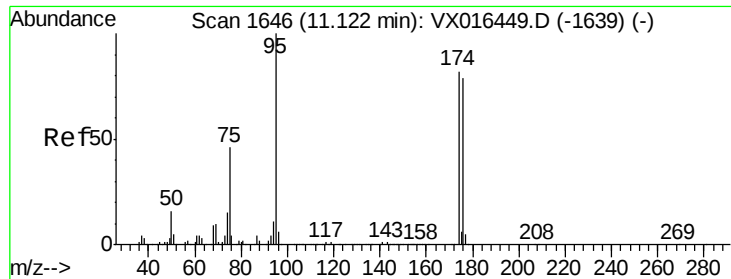
58 56.0 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

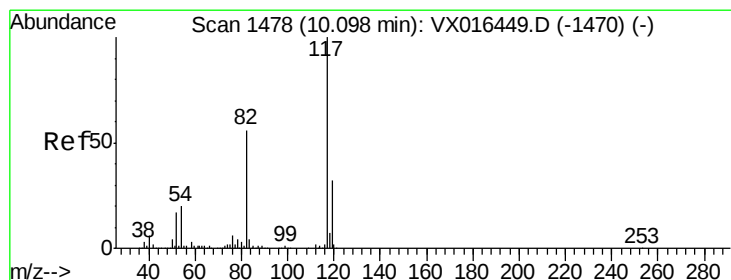
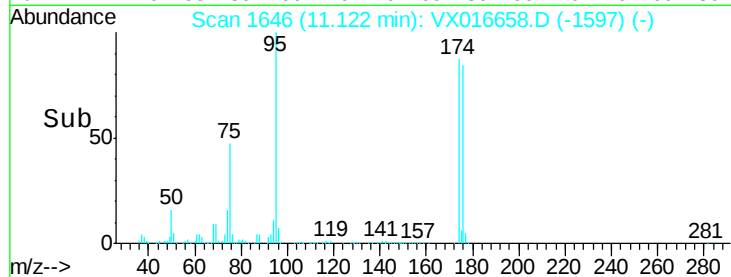
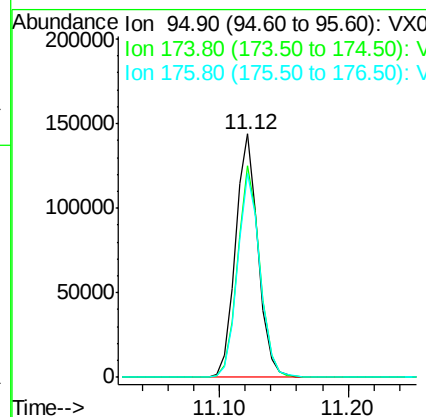
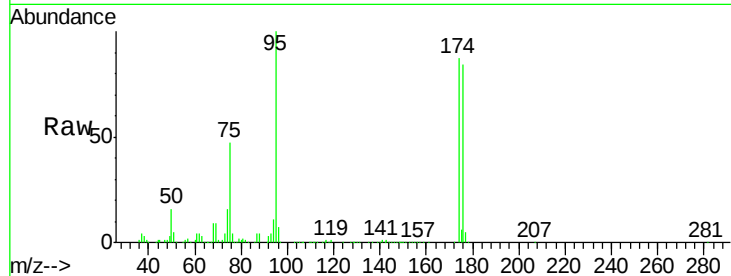




#62
4-Bromofluorobenzene
Concen: 53.322 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

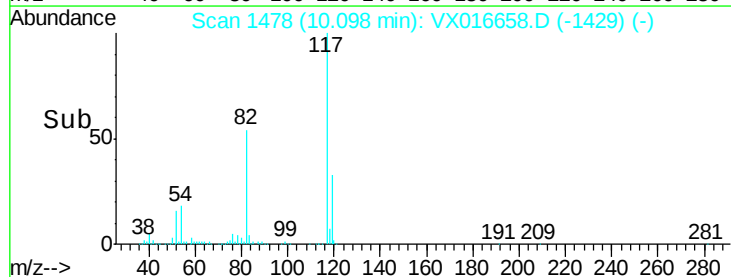
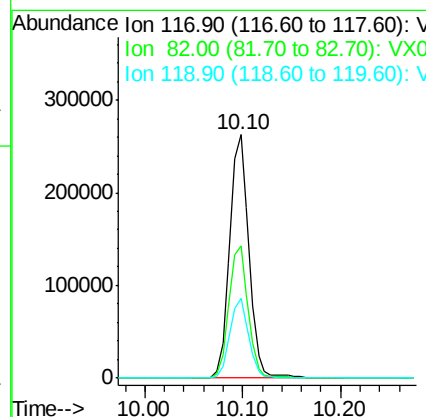
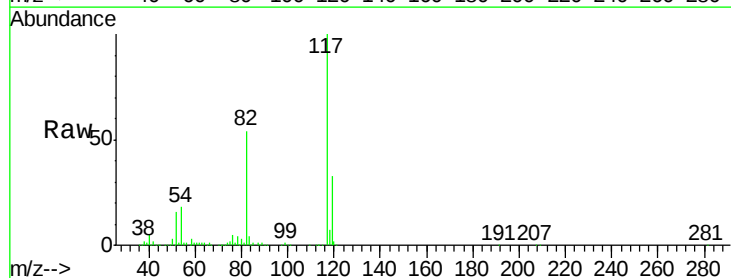
Instrument :
MSVOA_X
ClientSampleId :
IBLK

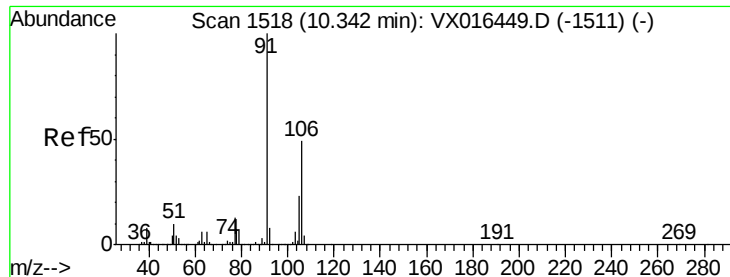
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	163.0
176	83.6	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.6
119	32.9	25.8	38.8

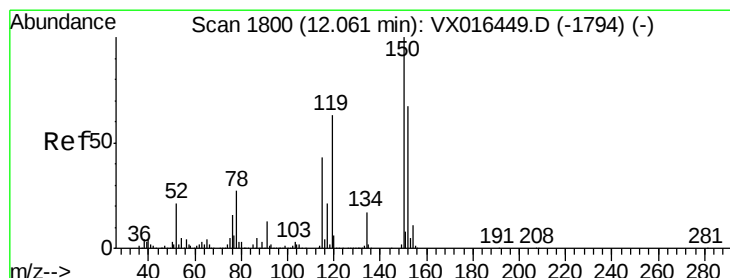
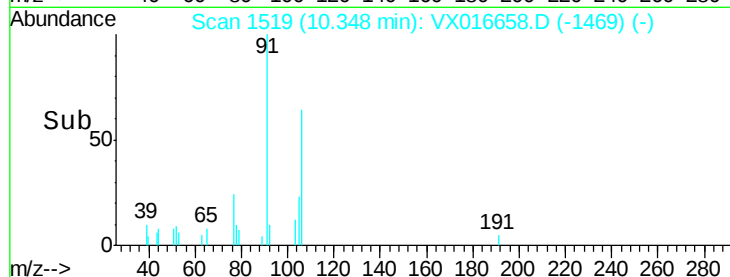
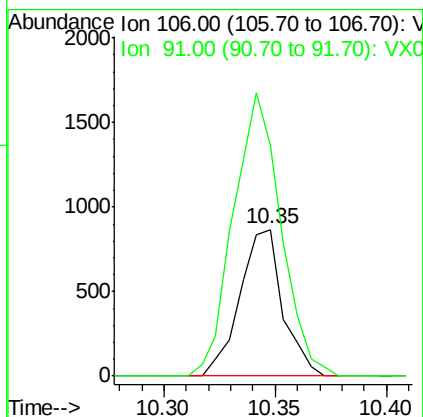
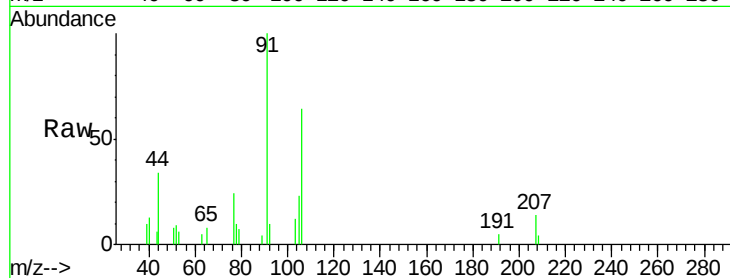




#68
m/p-Xvlenes
Concen: 0.242 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

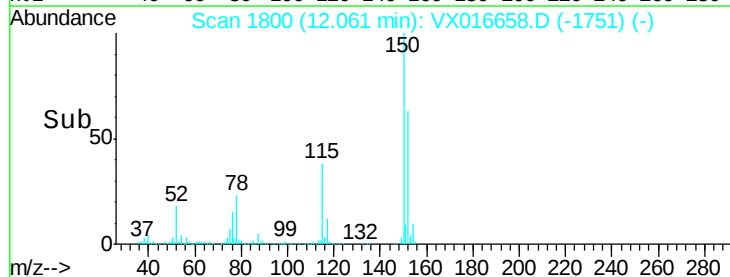
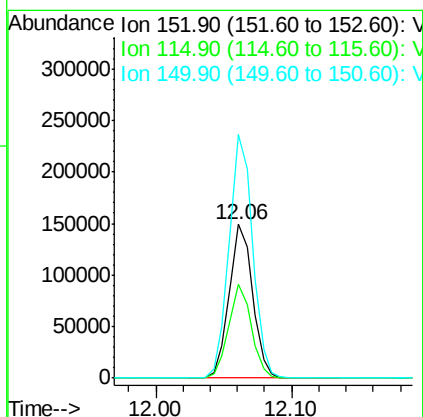
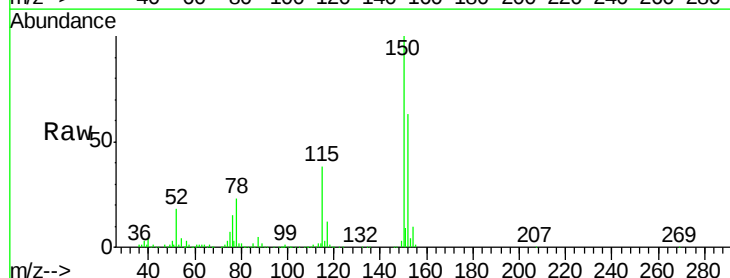
Instrument :
MSVOA_X
ClientSampleId :
IBLK

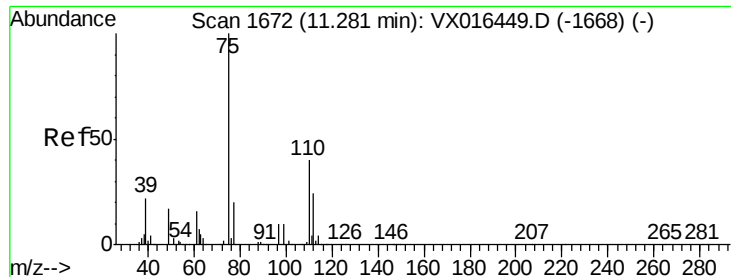
Tot Ion:106 Resp: 1167
Ion Ratio Lower Upper
106 100
91 212.9 163.8 245.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion:152 Resp: 179780
Ion Ratio Lower Upper
152 100
115 59.2 39.9 119.6
150 158.2 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 21.351 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

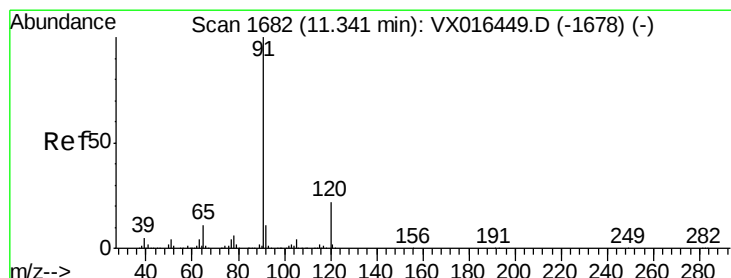
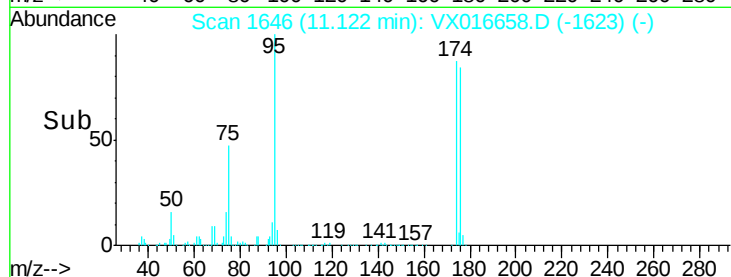
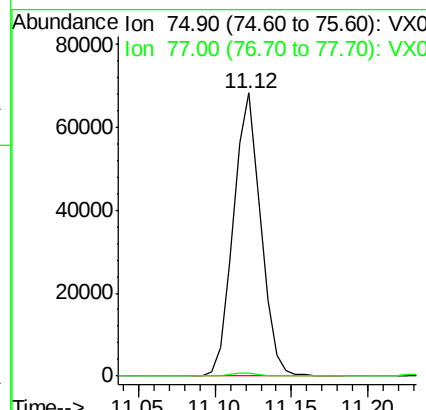
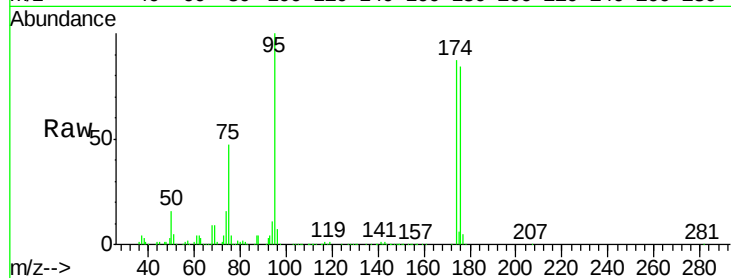
IBLK

Tot Ion: 75 Resp: 84371

Ion Ratio Lower Upper

75 100

77 1.1 21.3 63.7#



#78

n-propylbenzene

Concen: 0.215 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016658.D

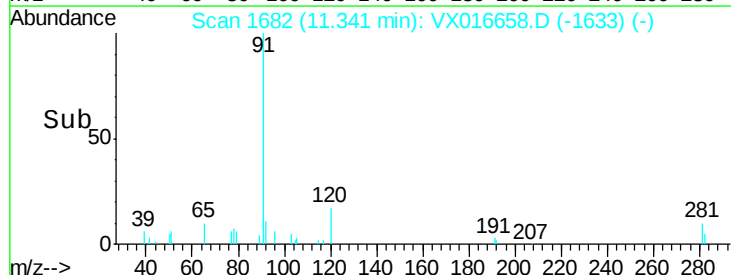
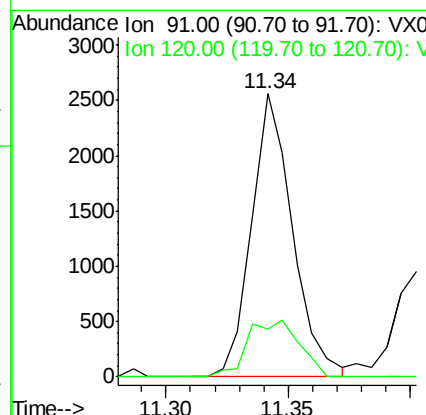
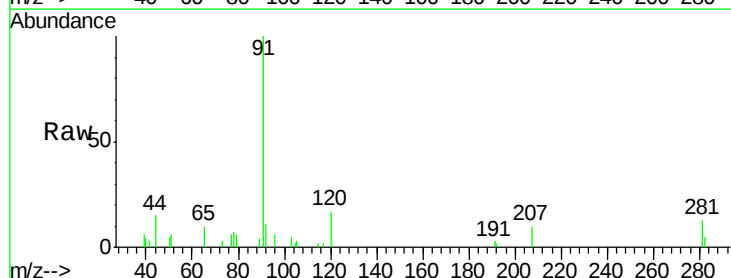
Acq: 09 Jun 2020 13:00

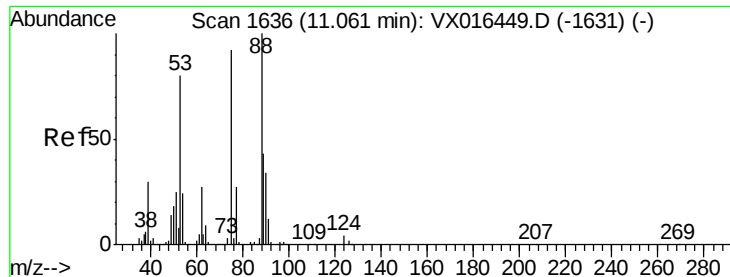
Tgt Ion: 91 Resp: 2997

Ion Ratio Lower Upper

91 100

120 25.2 11.6 34.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.520 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

IBLK

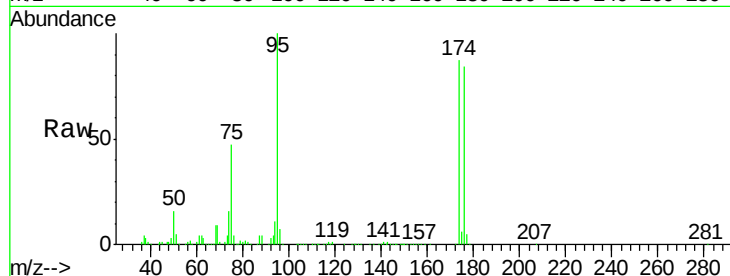
Tot Ion: 75 Resp: 84371

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

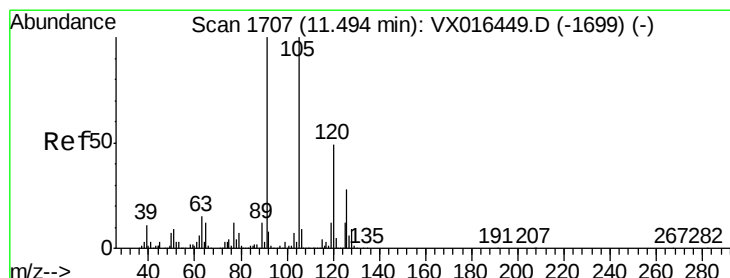
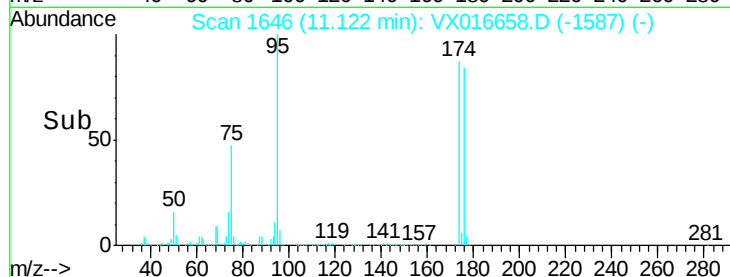
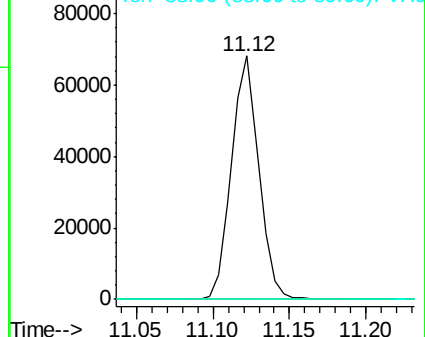
89 0.1 36.6 55.0#



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: 0.253 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016658.D

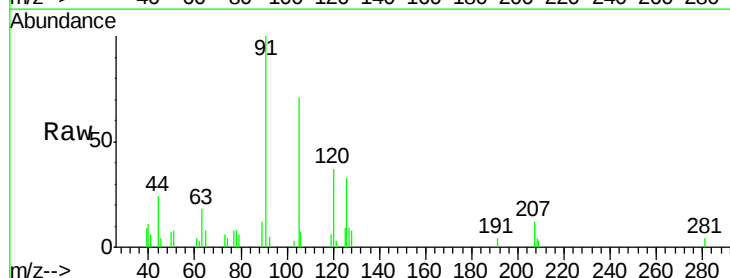
Acq: 09 Jun 2020 13:00

Tgt Ion: 91 Resp: 2540

Ion Ratio Lower Upper

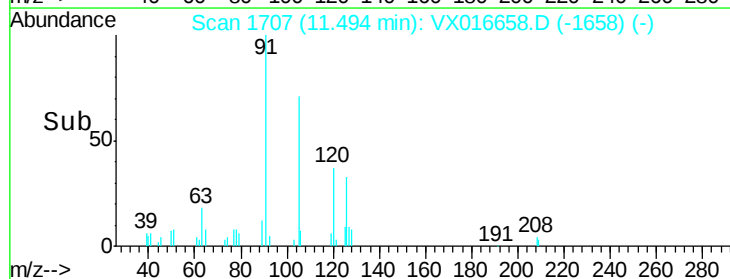
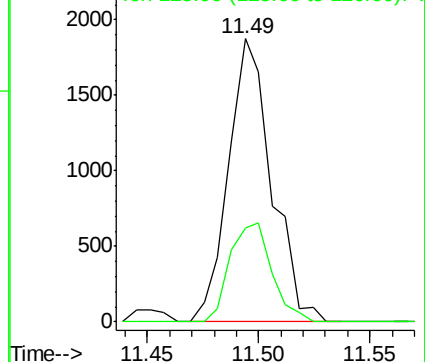
91 100

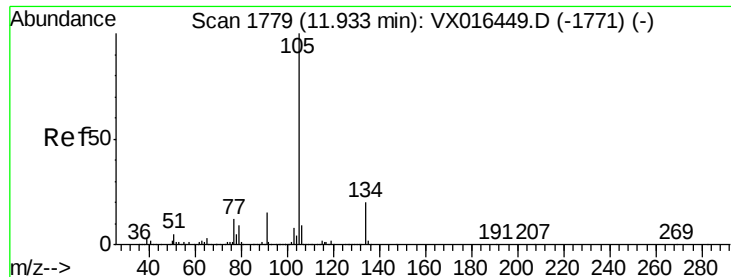
126 33.5 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.282 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

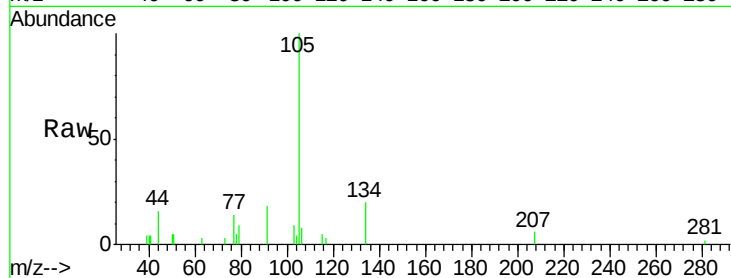
IBLK

Tot Ion:105 Resp: 3140

Ion Ratio Lower Upper

105 100

134 23.0 10.1 30.3

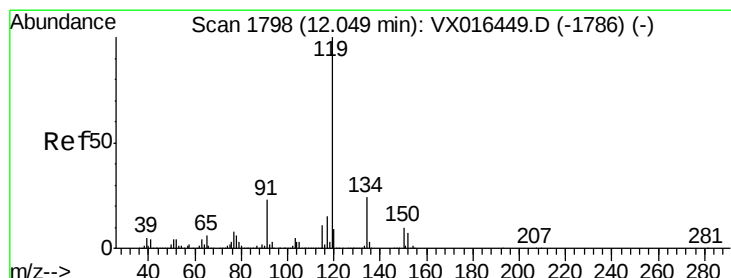
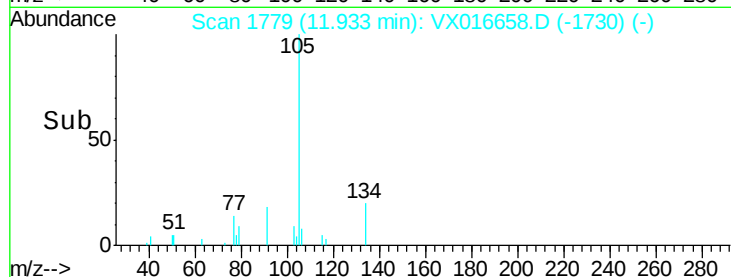


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

Time-->



#86

p-Isopropyltoluene

Concen: 0.341 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

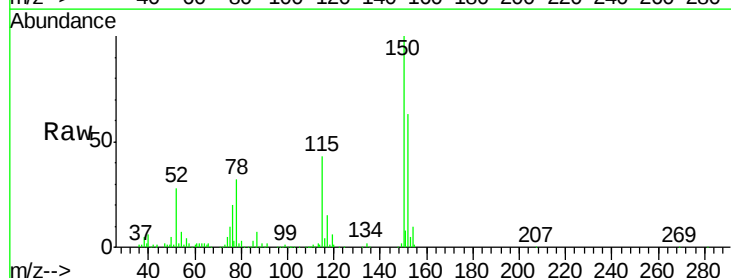
Tgt Ion:119 Resp: 3565

Ion Ratio Lower Upper

119 100

134 33.0 12.7 38.0

91 34.7 11.7 35.0



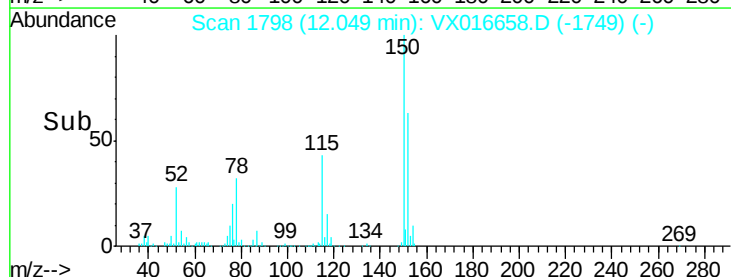
Abundance Ion 119.00 (118.70 to 119.70): V

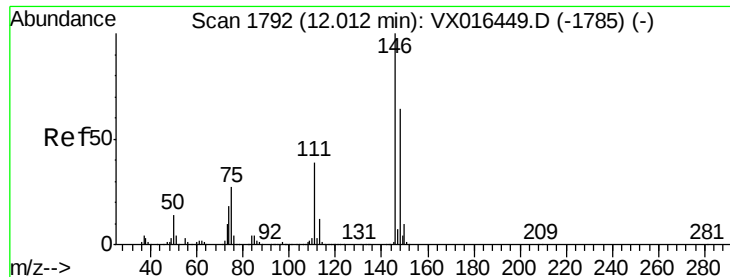
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

Time-->

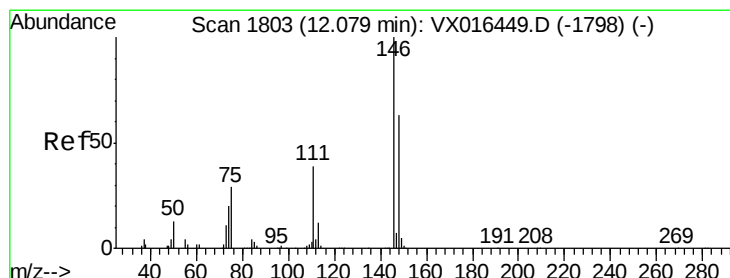
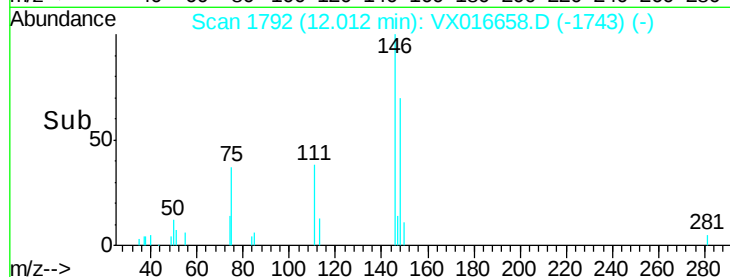
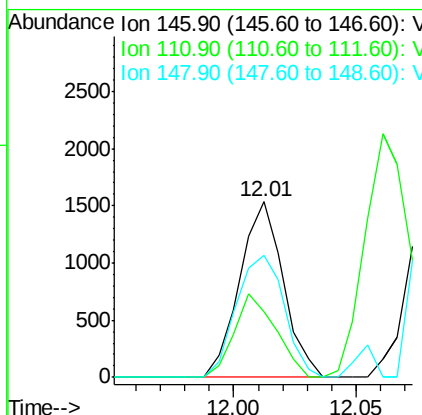
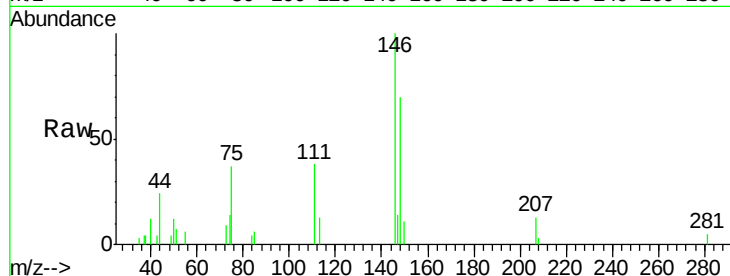




#87
 1,3-Dichlorobenzene
 Concen: 0.335 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

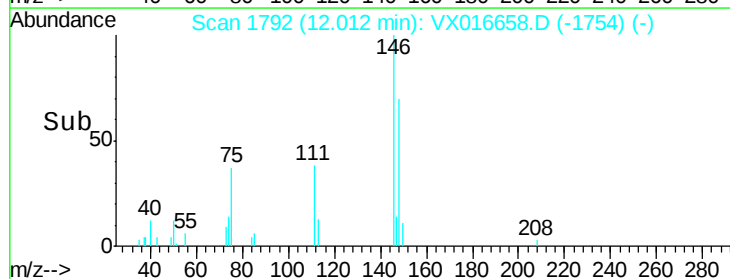
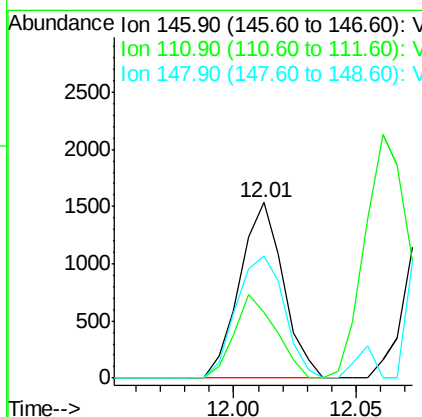
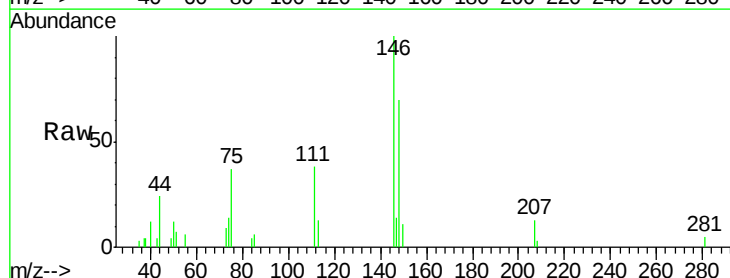
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

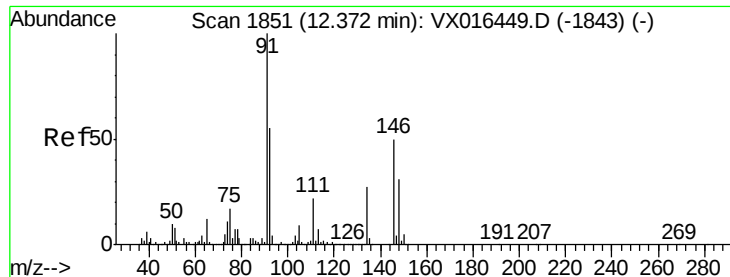
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	20.0	60.0
148	76.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.327 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	19.4	58.2
148	76.5	31.4	94.3

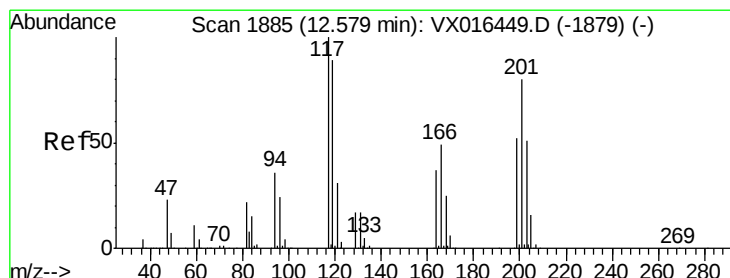
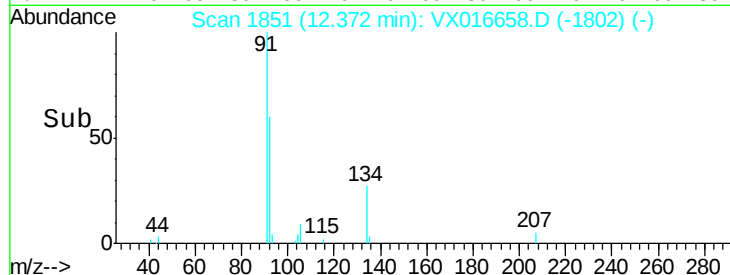
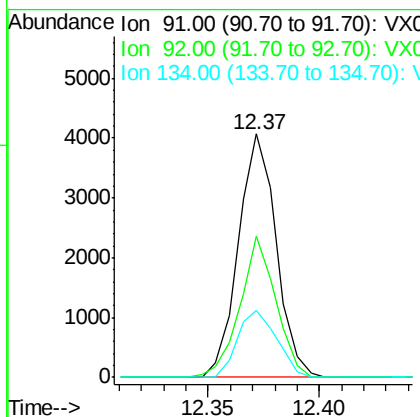
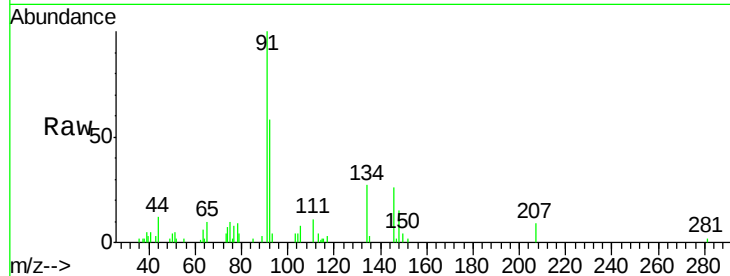




#89
n-Butylbenzene
Concen: 0.553 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

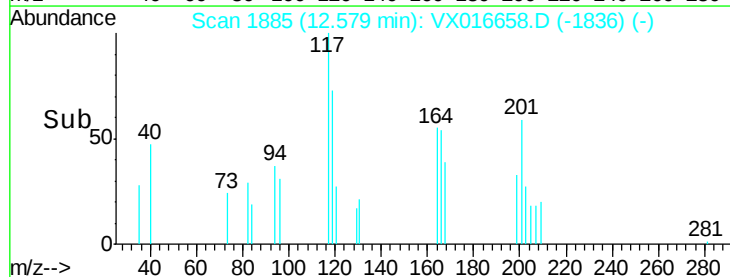
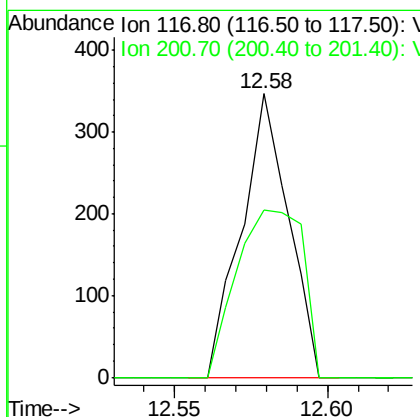
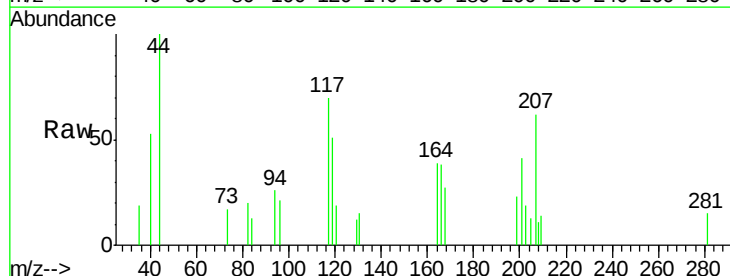
Instrument :
MSVOA_X
ClientSampled :
IBLK

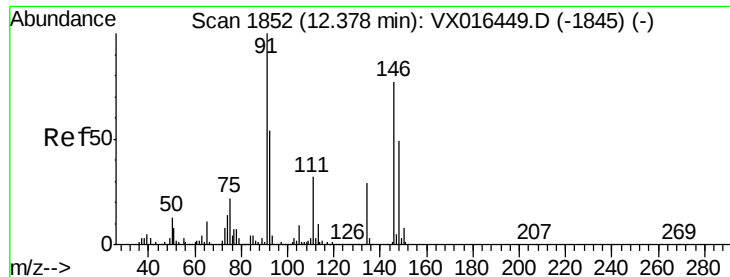
Tot Ion: 91 Resp: 4812
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 28.3 13.1 39.3



#90
Hexachloroethane
Concen: 0.206 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion: 117 Resp: 371
Ion Ratio Lower Upper
117 100
201 83.0 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 0.270 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

IBLK

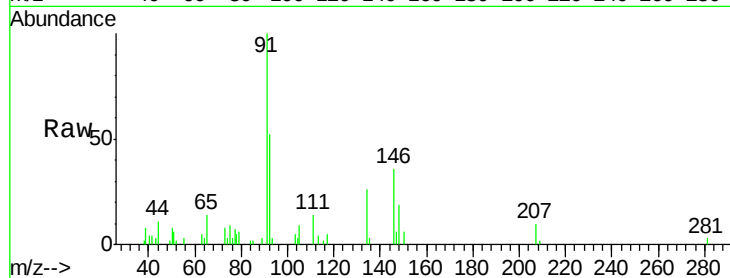
Tot Ion:146 Resp: 1478

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 58.9 31.9 95.7

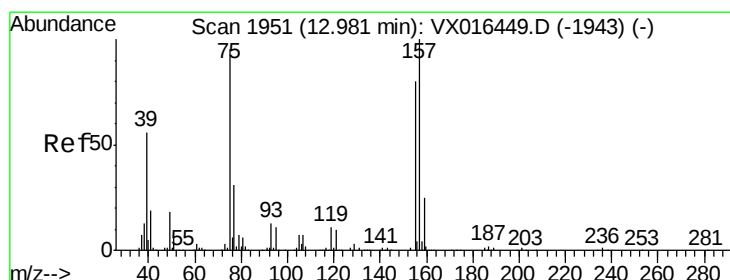
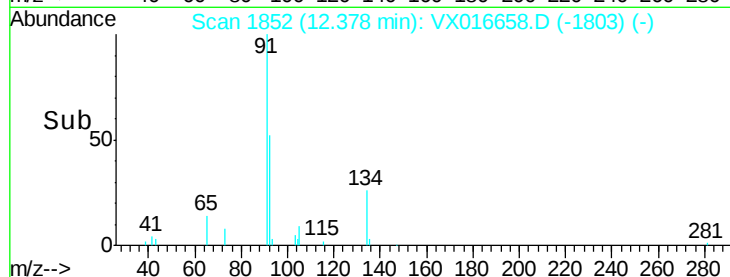
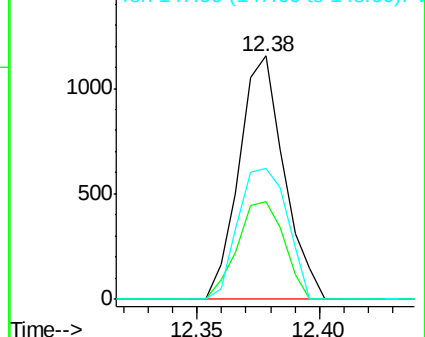


Abundance

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: 0.270 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016658.D

Acq: 09 Jun 2020 13:00

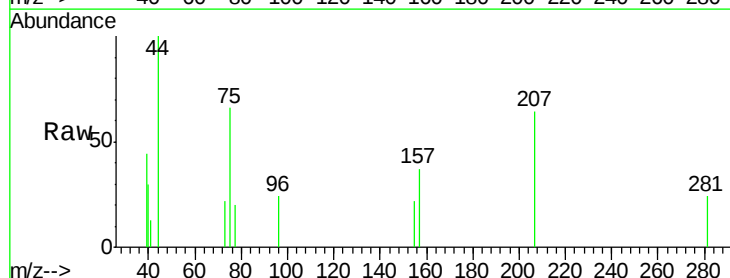
Tgt Ion: 75 Resp: 273

Ion Ratio Lower Upper

75 100

155 70.7 44.1 132.4

157 94.9 57.8 173.3

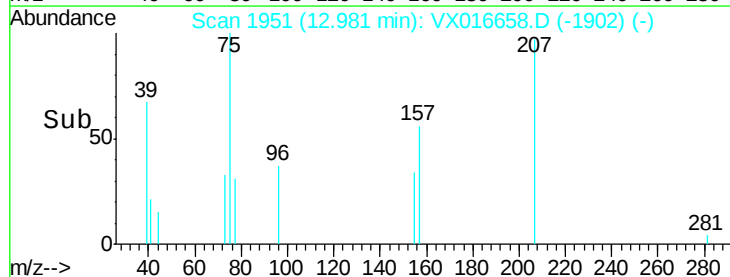
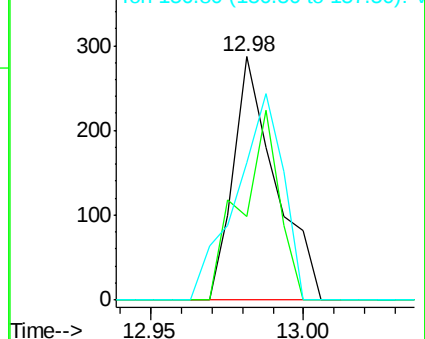


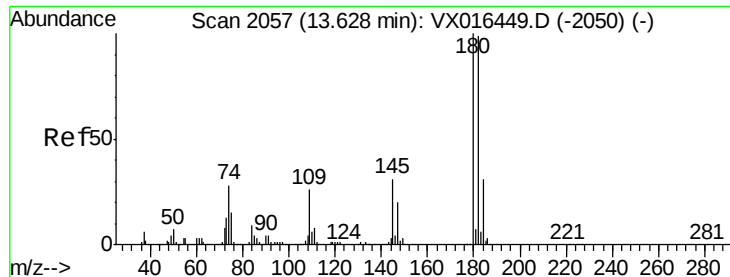
Abundance

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

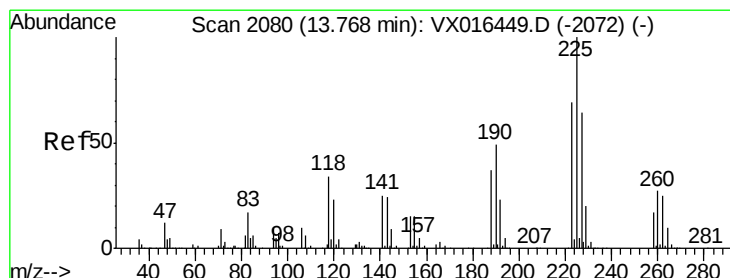
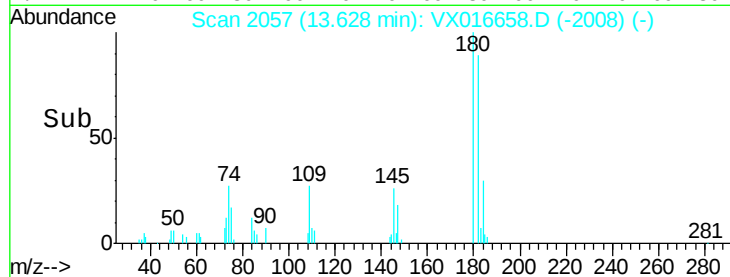
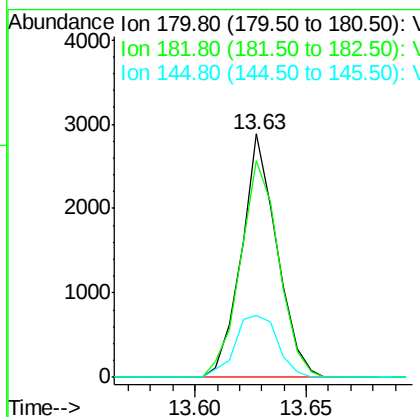
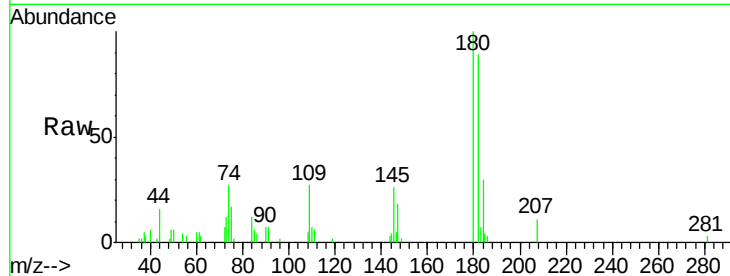




#93
 1,2,4-Trichlorobenzene
 Concen: 0.881 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

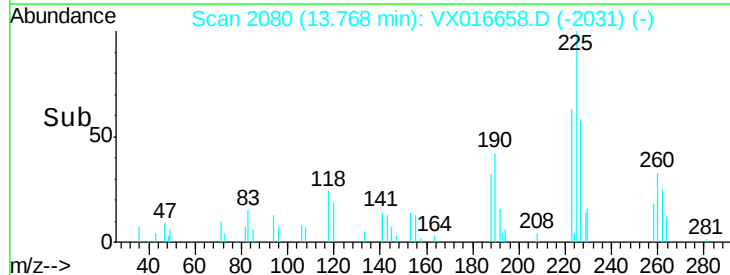
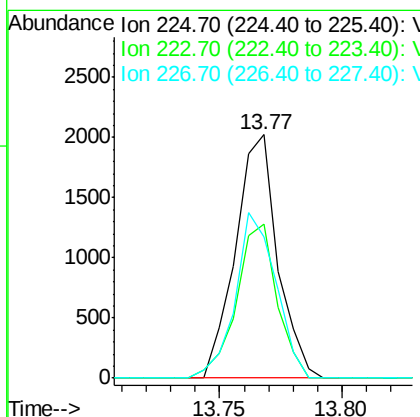
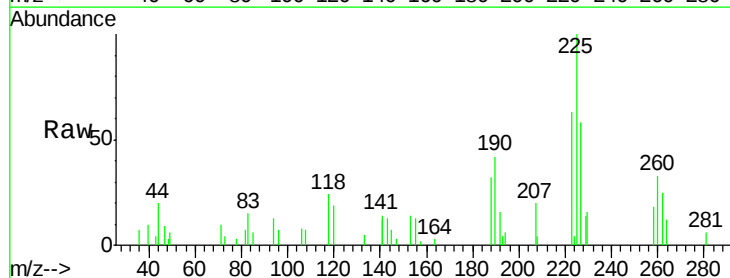
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

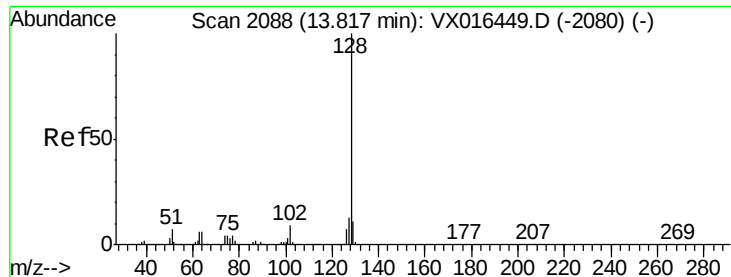
Tot Ion:180 Resp: 3208
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.3 144.8
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 1.691 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016658.D
 Acq: 09 Jun 2020 13:00

Tgt Ion:225 Resp: 2418
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.3 96.8
 227 65.4 31.6 94.7

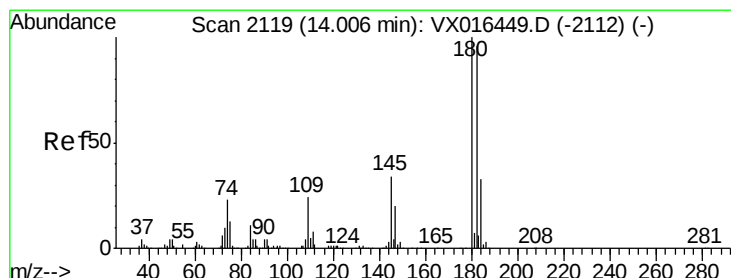
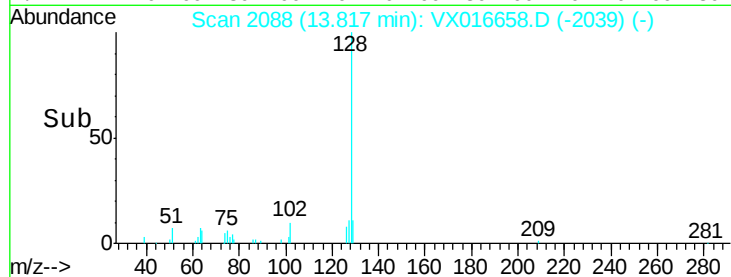
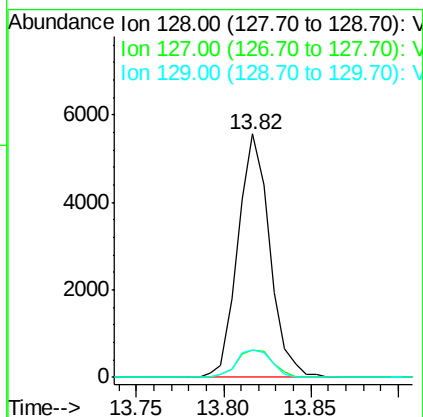
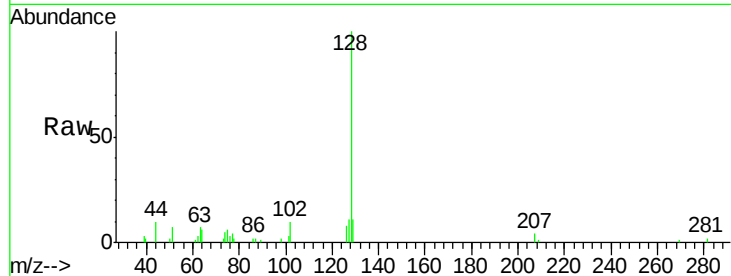




#95
Naphthalene
Concen: 0.564 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:128 Resp: 7040
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 12.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.967 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016658.D
Acq: 09 Jun 2020 13:00

Tgt Ion:180 Resp: 3450
Ion Ratio Lower Upper
180 100
182 90.3 48.6 145.8
145 32.2 16.6 49.8

