

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016616.D
 Acq On : 05 Jun 2020 17:03
 Operator : JC/SP
 Sample : L2894-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW164-200601

Quant Time: Jun 06 07:01:00 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	228052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187833	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	138507	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.46	113	112814	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	8.70	98	452009	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.12	95	181735	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	

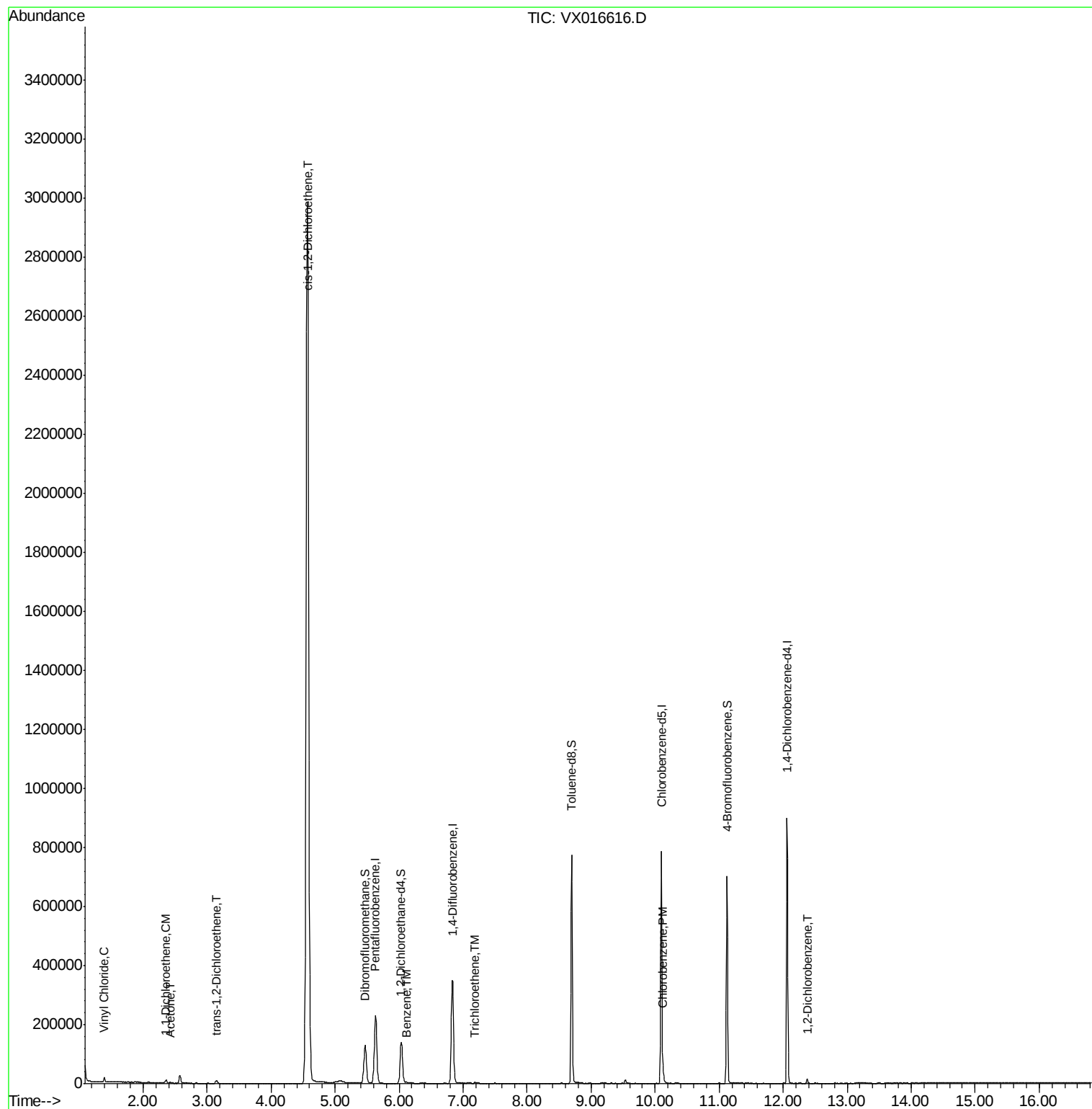
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	8916	3.109	ug/l	97
12) 1,1-Dichloroethene	2.36	96	2858	1.302	ug/l #	78
16) Acetone	2.42	43	2380	1.918	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	4533	1.868	ug/l #	78
27) cis-1,2-Dichloroethene	4.57	96	2010166	715.882	ug/l	89
40) Benzene	6.11	78	3919	0.377	ug/l #	84
44) Trichloroethene	7.19	130	1370	0.416	ug/l	97
65) Chlorobenzene	10.12	112	19213	2.544	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	5187	0.905	ug/l	96

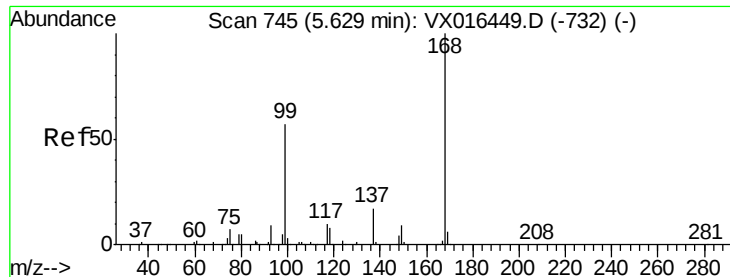
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060520\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LF012RW164-200601

Quant Time: Jun 06 07:01:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

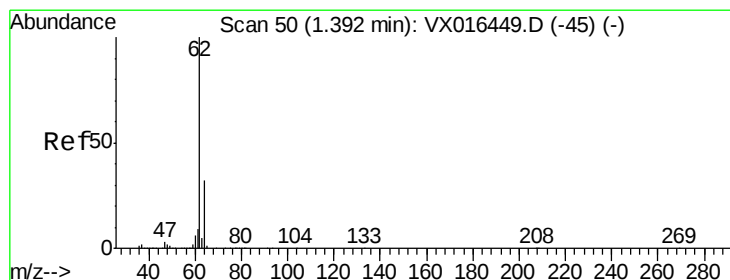
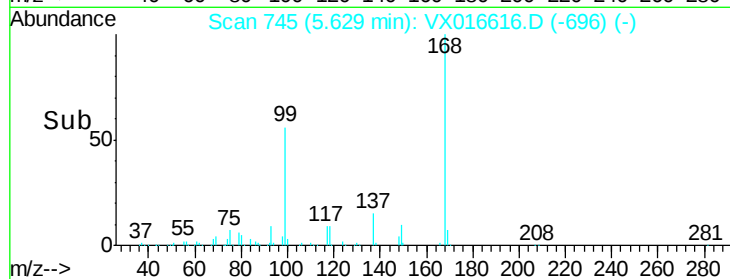
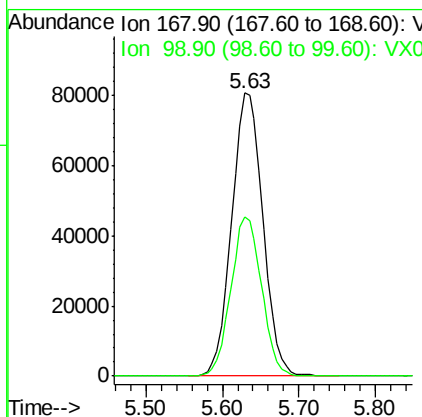
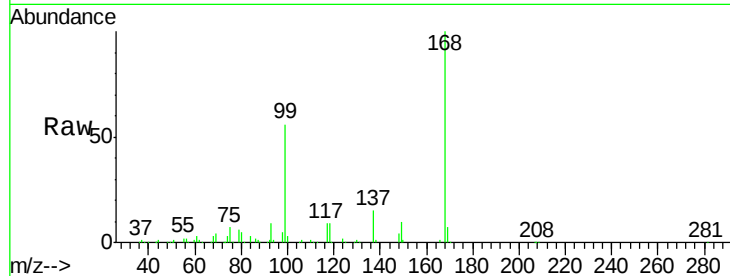




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX016616.D
Acq: 05 Jun 2020 17:03

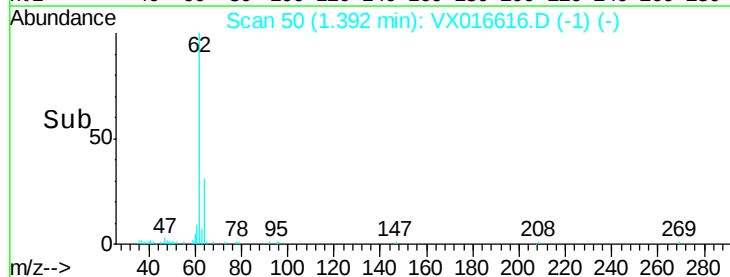
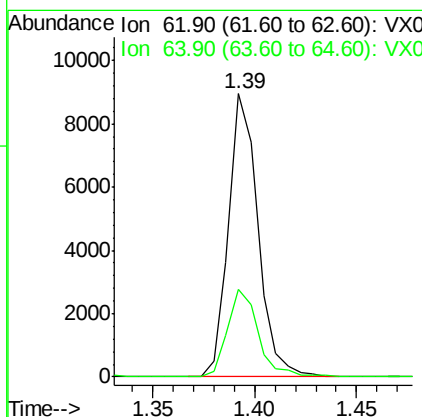
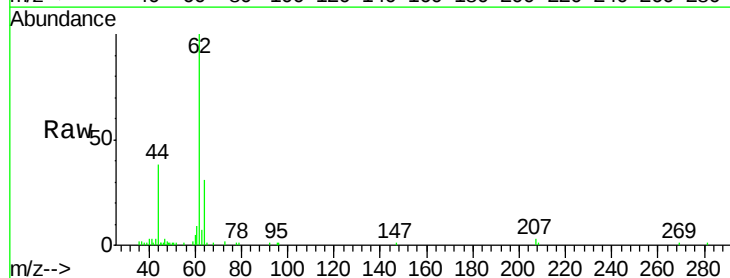
Instrument :
MSVOA_X
ClientSampleId :
LF012RW164-200601

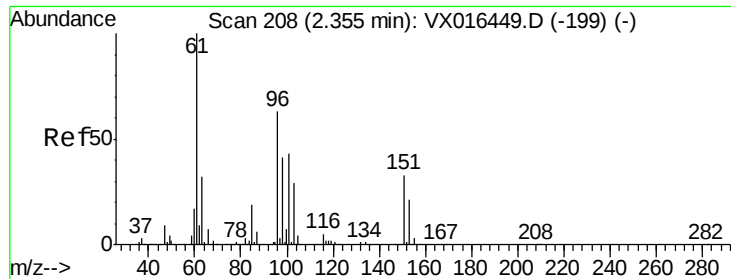
Tot Ion:168 Resp: 228052
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#4
Vinyl Chloride
Concen: 3.109 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016616.D
Acq: 05 Jun 2020 17:03

Tgt Ion: 62 Resp: 8916
Ion Ratio Lower Upper
62 100
64 30.8 25.9 38.9

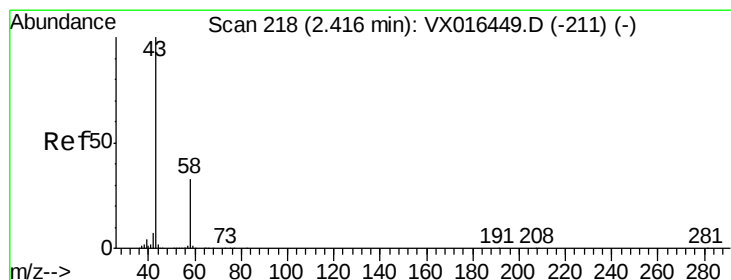
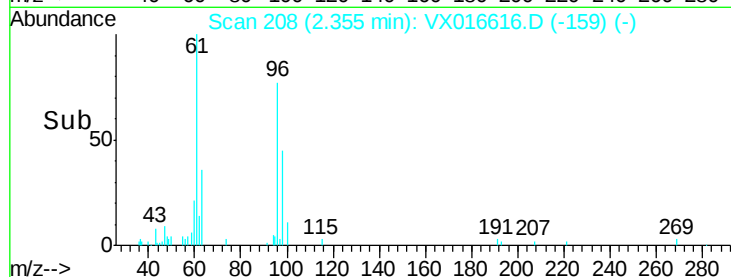
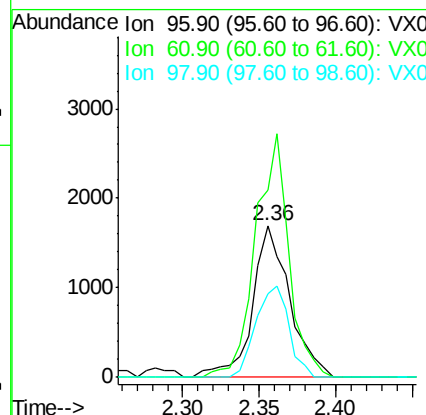
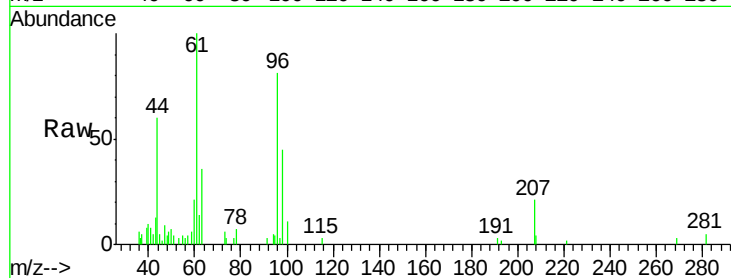




#12
 1,1-Dichloroethene
 Concen: 1.302 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

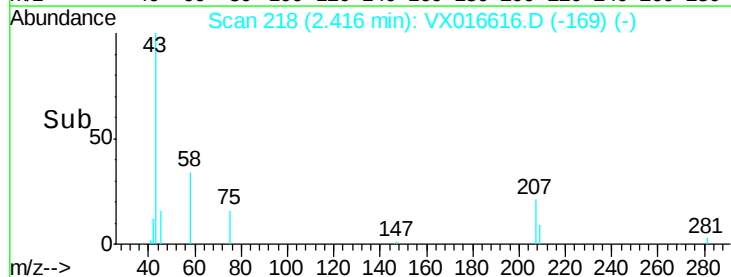
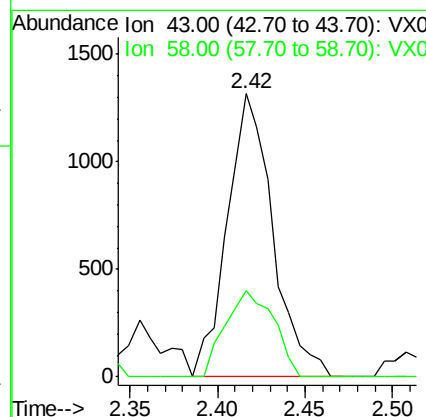
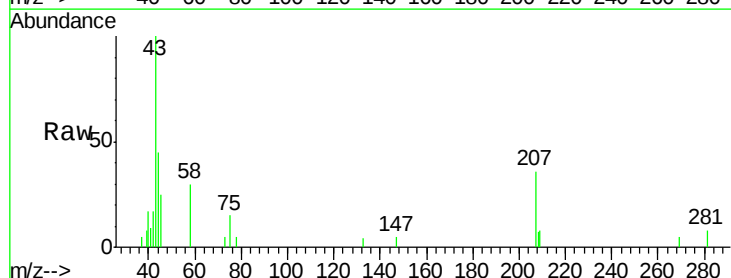
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW164-200601

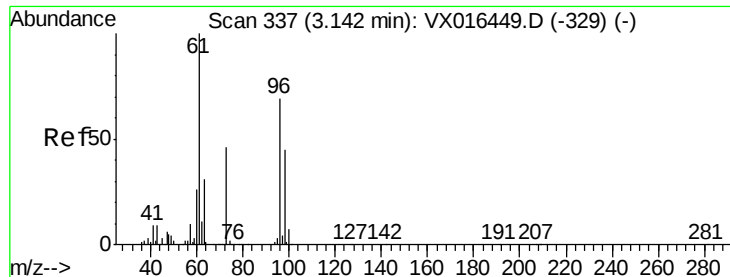
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.3	126.6	189.8#
98	55.4	51.3	76.9



#16
 Acetone
 Concen: 1.918 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.1	39.1





#21

trans-1,2-Dichloroethene

Concen: 1.868 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-200601

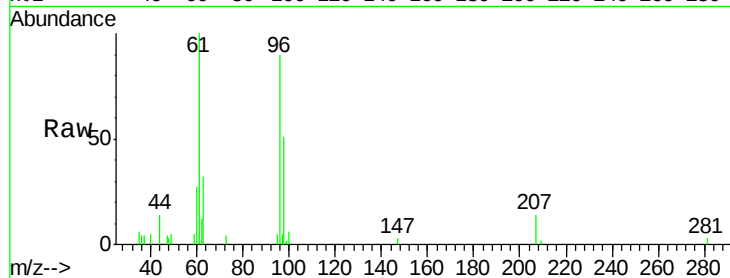
Tot Ion: 96 Resp: 4533

Ion Ratio Lower Upper

96 100

61 111.2 115.3 172.9#

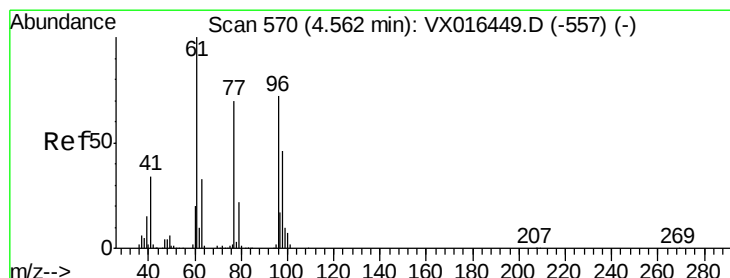
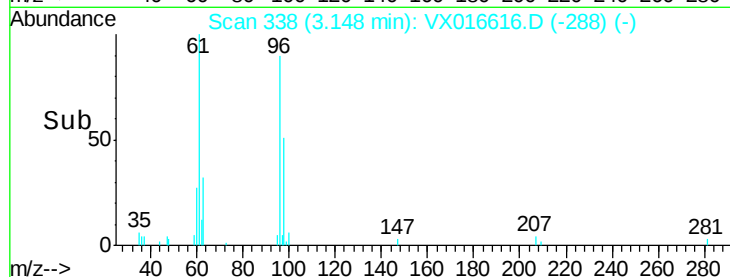
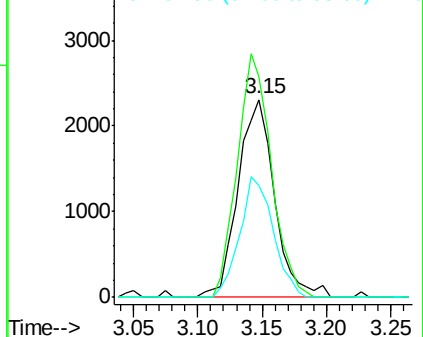
98 56.3 51.9 77.9



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



#27

cis-1,2-Dichloroethene

Concen: 715.882 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

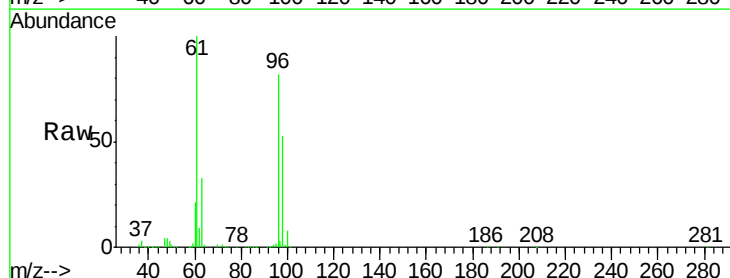
Tgt Ion: 96 Resp: 2010166

Ion Ratio Lower Upper

96 100

61 122.5 0.0 284.6

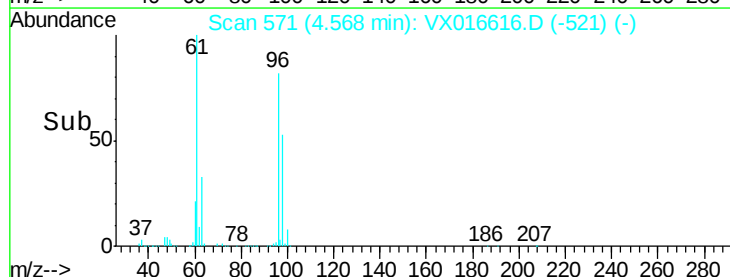
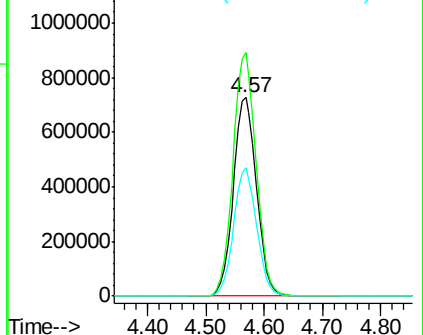
98 64.1 0.0 127.2

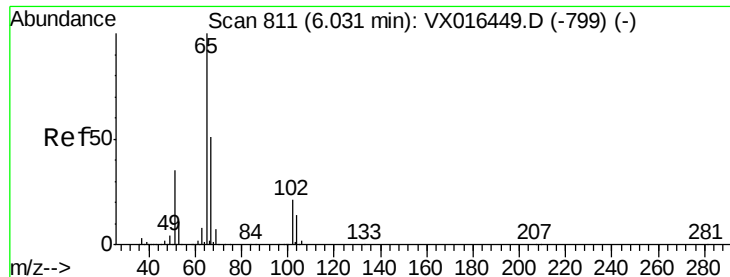


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

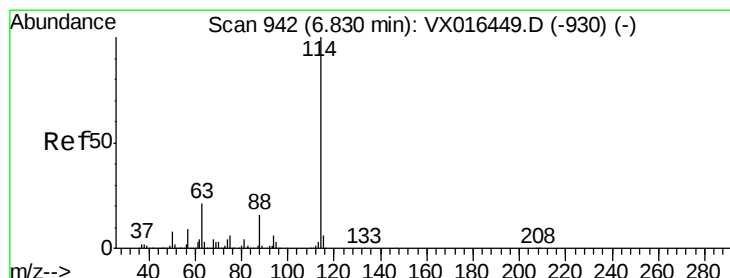
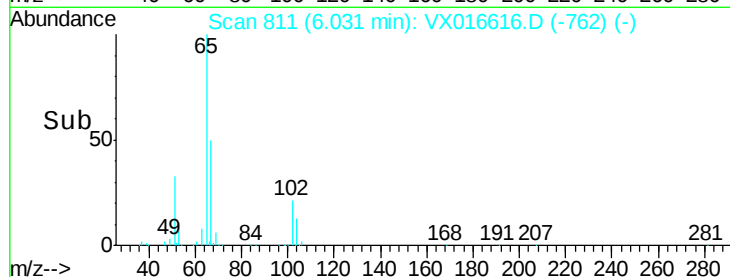
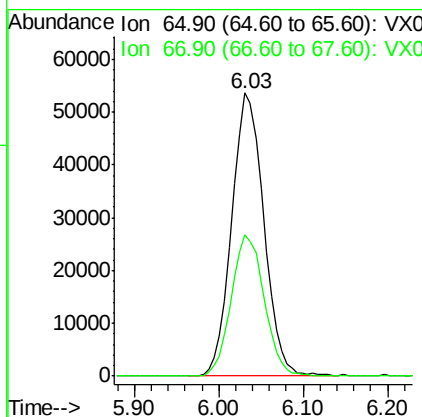
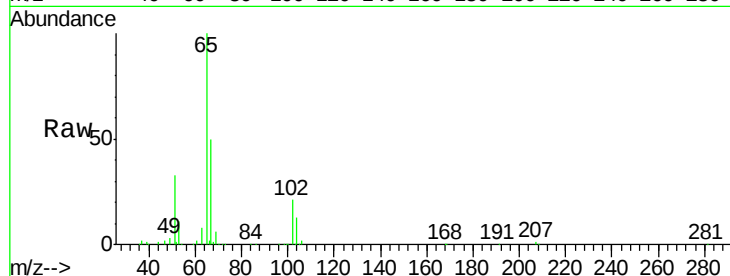




#33
 1,2-Dichloroethane-d4
 Concen: 48.906 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

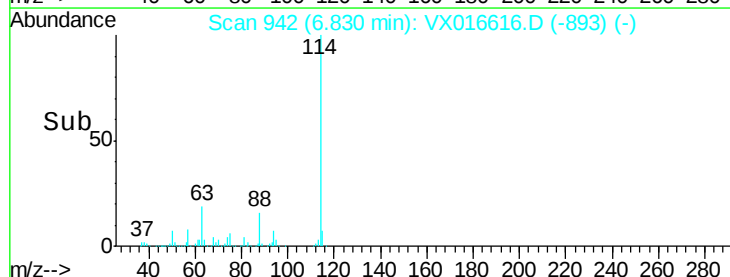
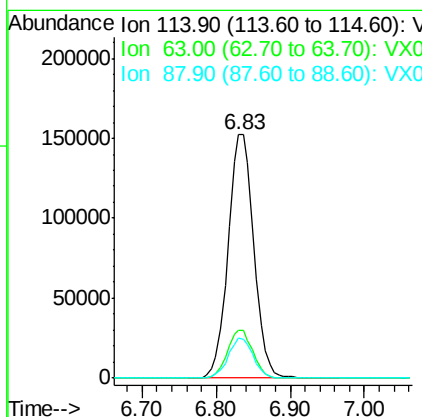
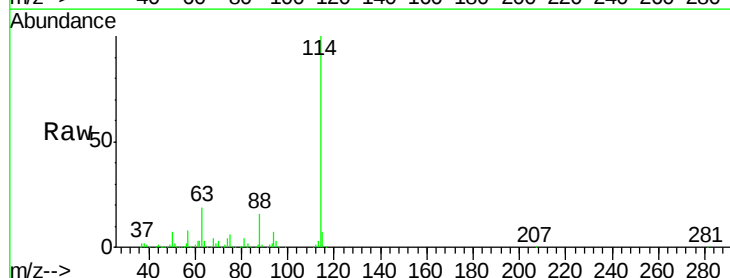
Instrument :
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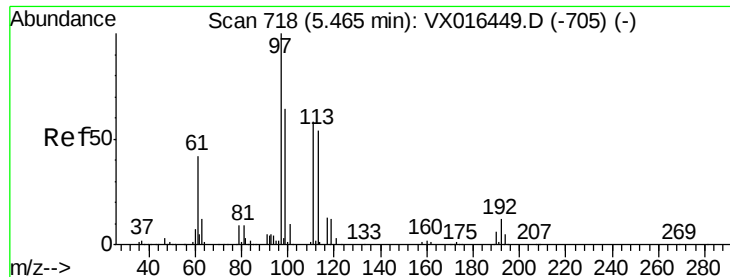
Tot Ion: 65 Resp: 138507
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

Tgt Ion: 114 Resp: 368277
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 16.5 0.0 32.8

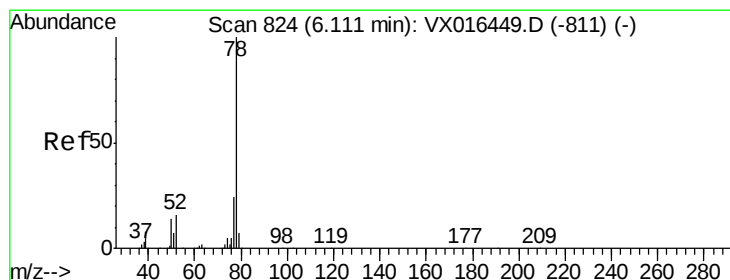
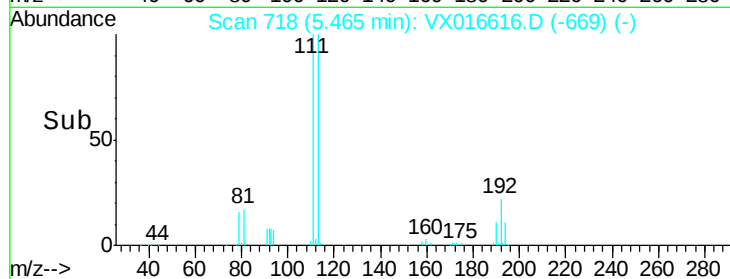
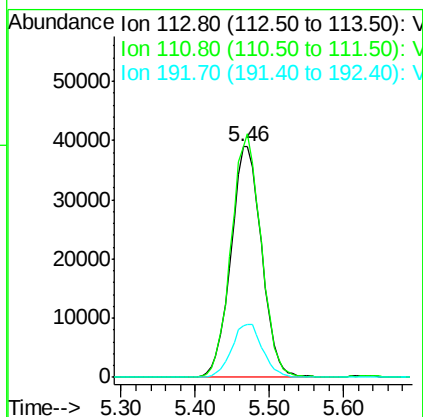
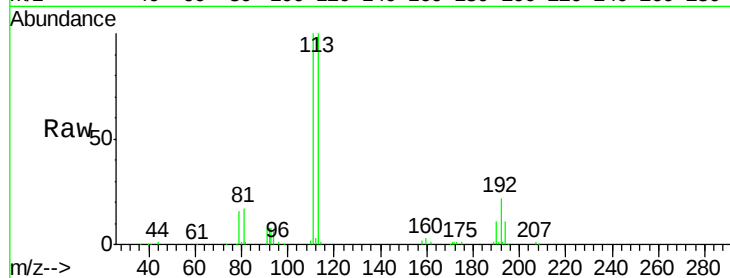




#35
 Dibromofluoromethane
 Concen: 49.749 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

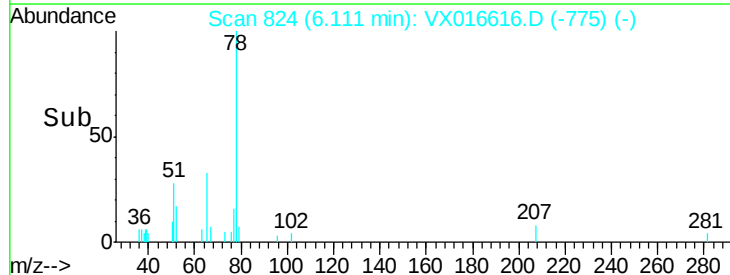
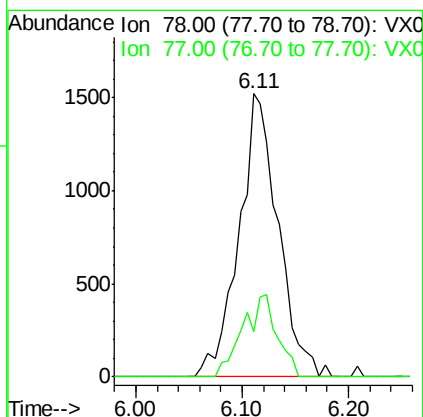
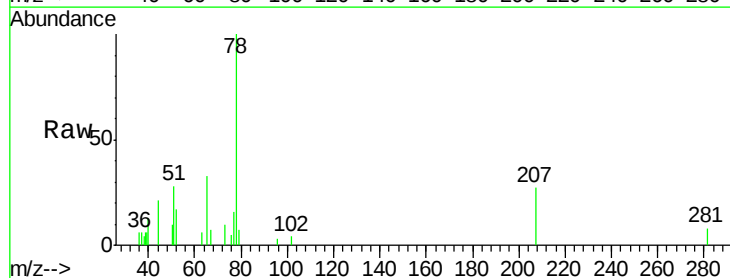
Instrument :
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 ClientSampleId :
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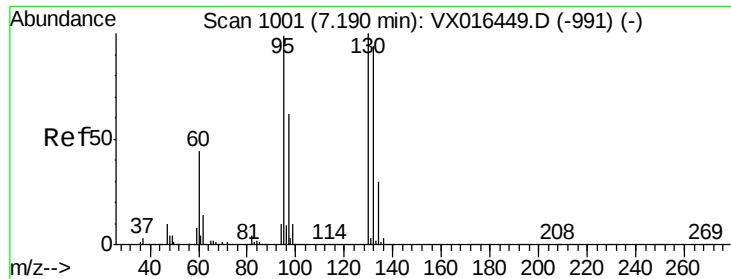
Tot Ion:113 Resp: 112814
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.6
 192 23.2 17.7 26.5



#40
 Benzene
 Concen: 0.377 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VX016616.D
 Acq: 05 Jun 2020 17:03

Tgt Ion: 78 Resp: 3919
 Ion Ratio Lower Upper
 78 100
 77 15.8 18.9 28.3#





#44

Trichloroethene

Concen: 0.416 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

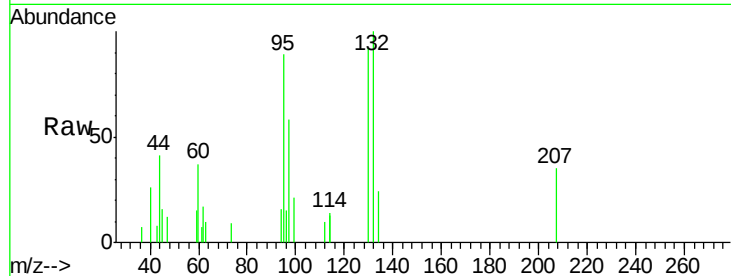
LF012RW164-200601

Tot Ion:130 Resp: 1370

Ion Ratio Lower Upper

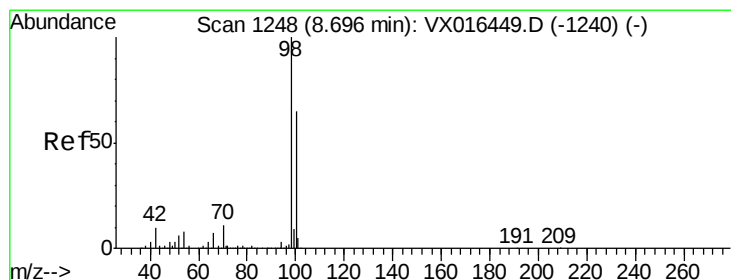
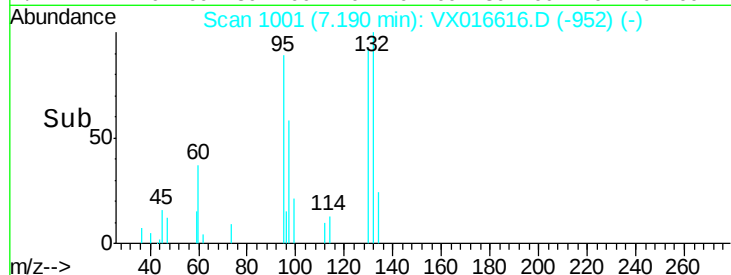
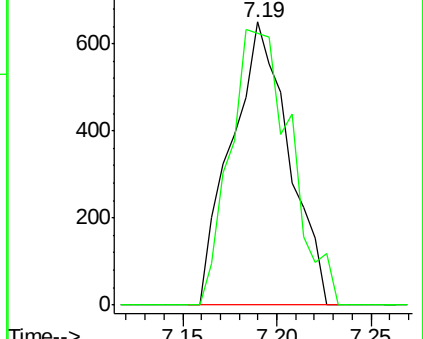
130 100

95 96.0 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.212 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016616.D

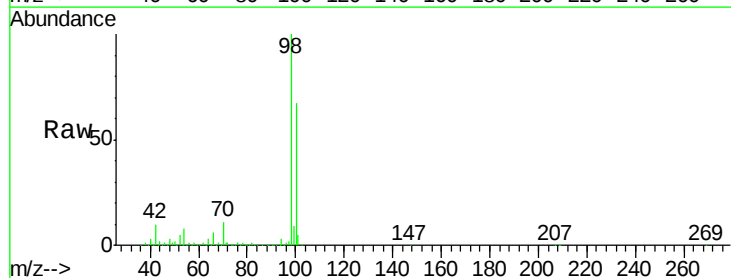
Acq: 05 Jun 2020 17:03

Tgt Ion: 98 Resp: 452009

Ion Ratio Lower Upper

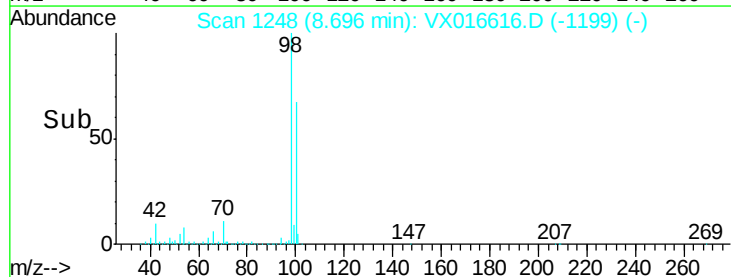
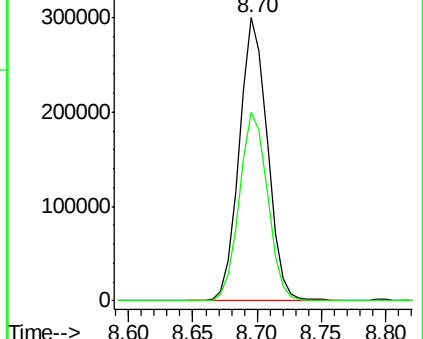
98 100

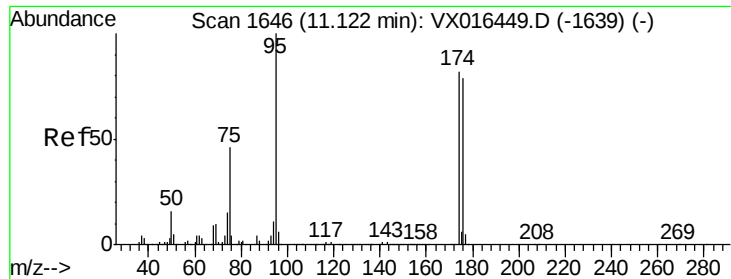
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.288 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-200601

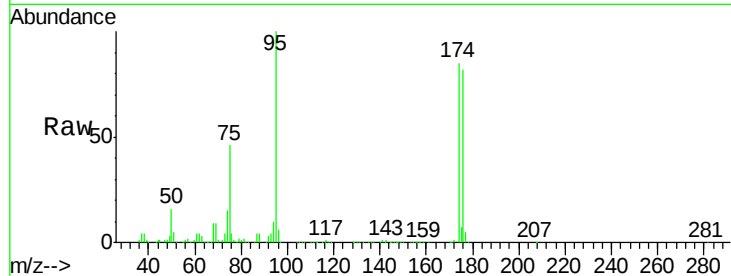
Tot Ion: 95 Resp: 181735

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

176 81.7 0.0 156.8



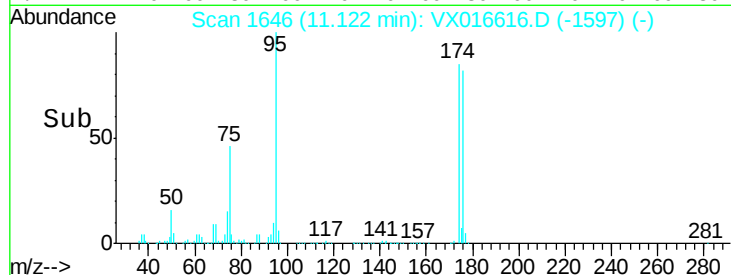
Abundance Ion 94.90 (94.60 to 95.60): VX016616.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016616.D (-1597) (-)

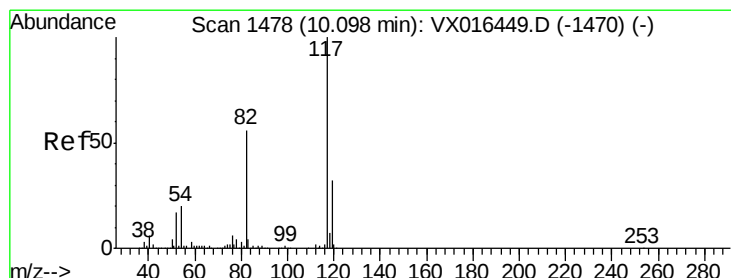
Ion 175.80 (175.50 to 176.50): VX016616.D (-1597) (-)

11.12

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

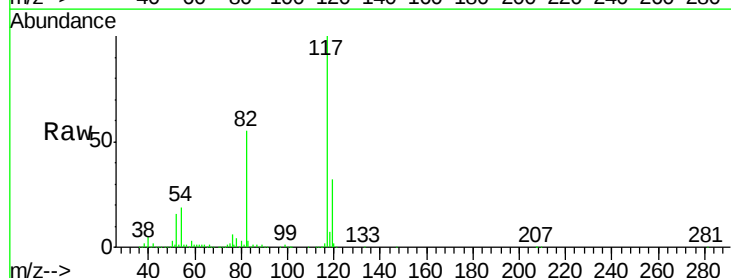
Tgt Ion: 117 Resp: 370445

Ion Ratio Lower Upper

117 100

82 55.4 45.0 67.6

119 32.3 25.8 38.8



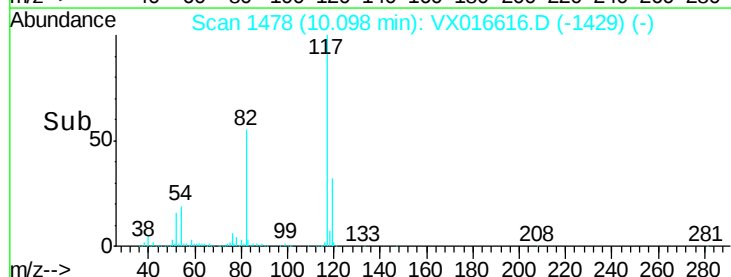
Abundance Ion 116.90 (116.60 to 117.60): VX016616.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016616.D (-1429) (-)

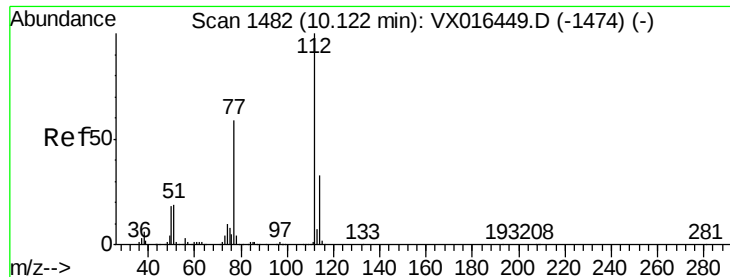
Ion 118.90 (118.60 to 119.60): VX016616.D (-1429) (-)

10.10

10.00 10.20



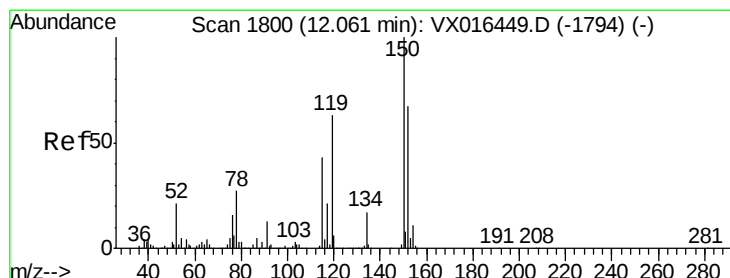
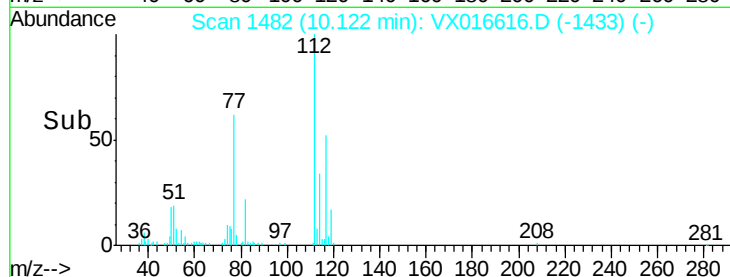
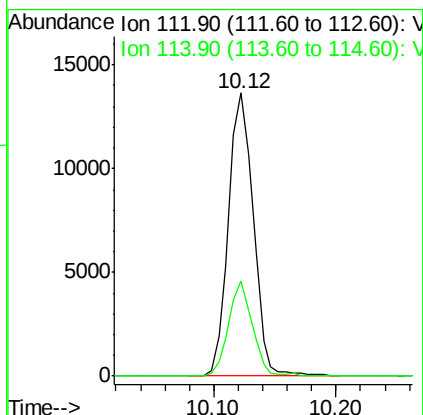
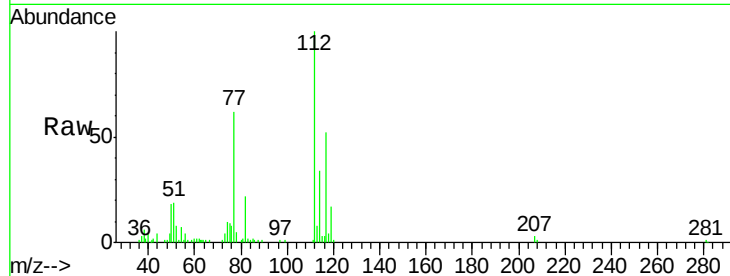
Time-->



#65
Chlorobenzene
Concen: 2.544 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016616.D
Acq: 05 Jun 2020 17:03

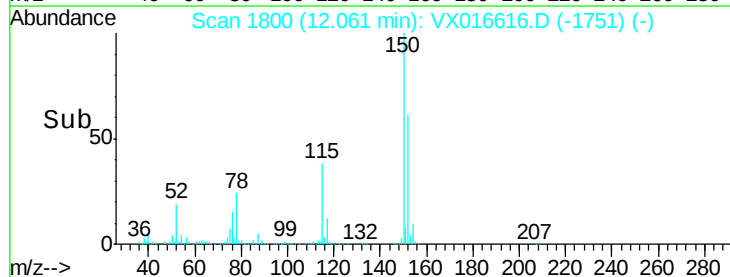
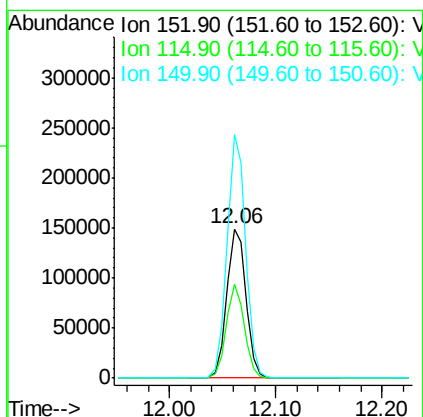
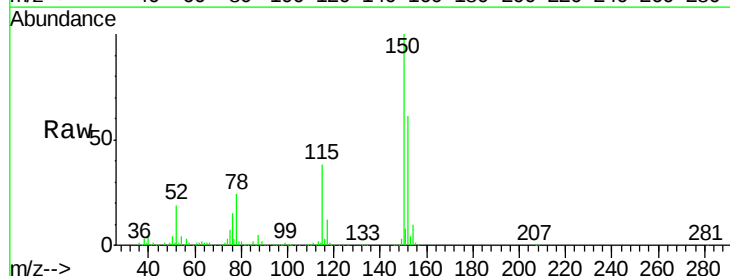
Instrument :
MSVOA_X
ClientSampleId :
LF012RW164-200601

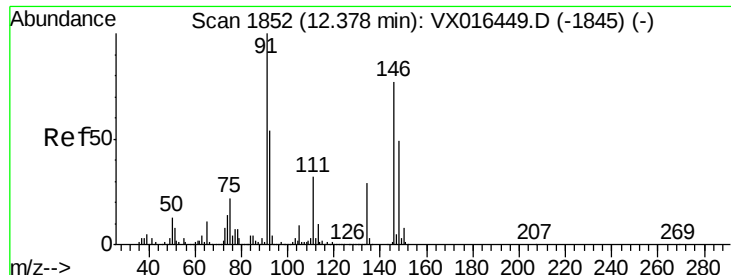
Tot Ion:112 Resp: 19213
Ion Ratio Lower Upper
112 100
114 33.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016616.D
Acq: 05 Jun 2020 17:03

Tgt Ion:152 Resp: 187833
Ion Ratio Lower Upper
152 100
115 59.2 39.9 119.6
150 158.3 0.0 341.0





#91

1,2-Dichlorobenzene

Concen: 0.905 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016616.D

Acq: 05 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-200601

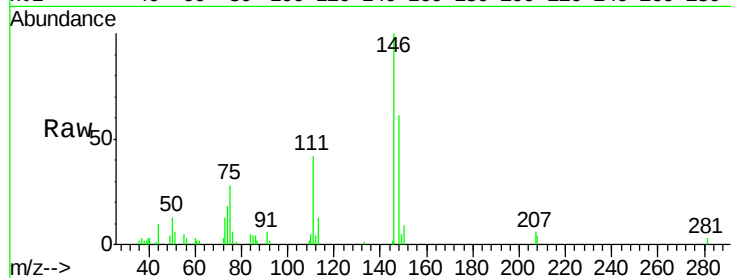
Tot Ion:146 Resp: 5187

Ion Ratio Lower Upper

146 100

111 44.3 21.4 64.3

148 59.9 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

