

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016615.D
 Acq On : 05 Jun 2020 16:40
 Operator : JC/SP
 Sample : L2894-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW026-200601

Quant Time: Jun 06 06:02:05 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	221962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185771	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	133695	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	107933	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	8.70	98	436683	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.12	95	175584	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	

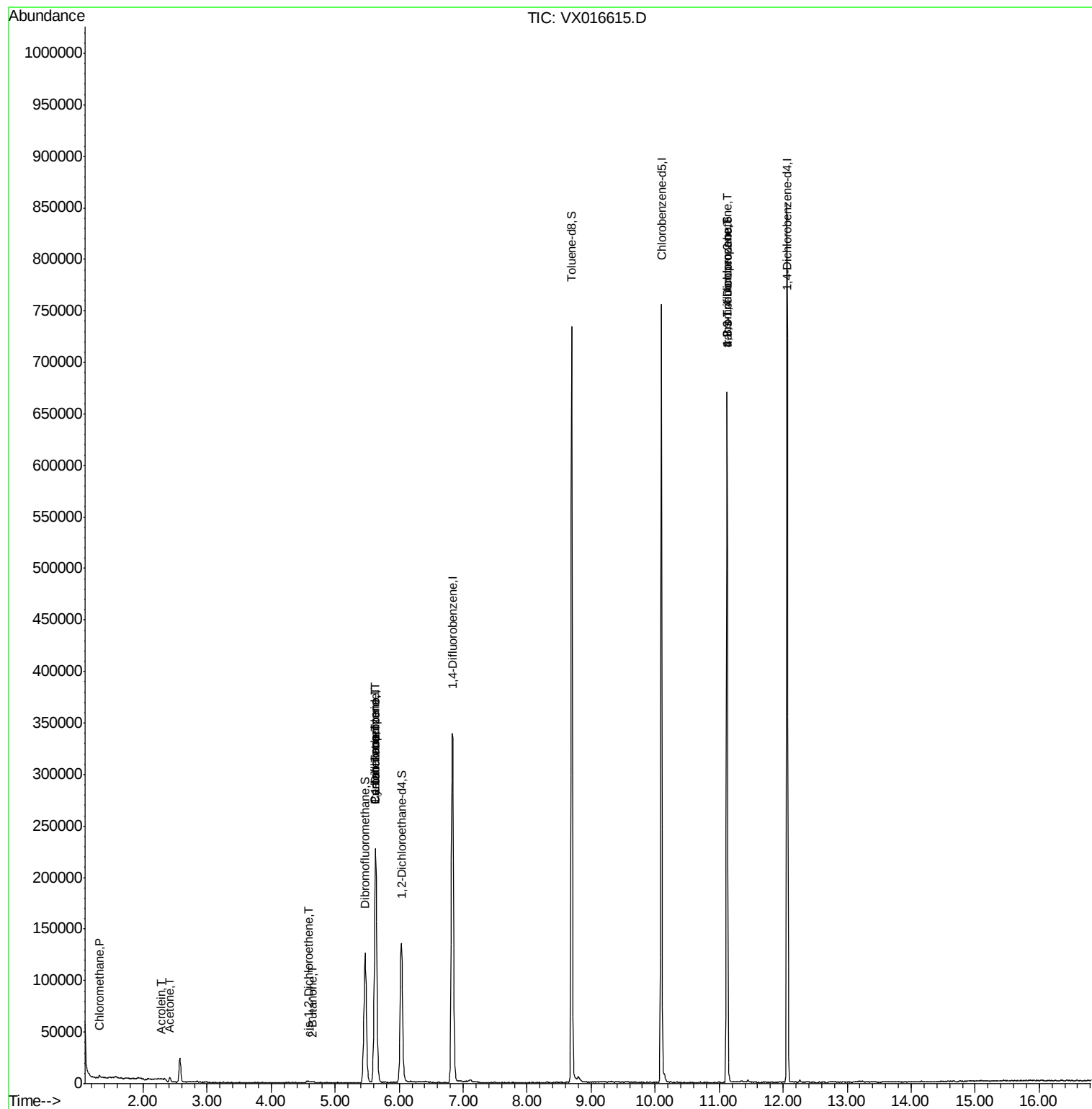
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1642	0.62	ug/l	96
13) Acrolein	2.27	56	96	0.32	ug/l	# 1
16) Acetone	2.42	43	4654	3.85	ug/l	96
25) 2-Butanone	4.64	43	545	0.27	ug/l	# 49
27) cis-1,2-Dichloroethene	4.59	96	1197	0.44	ug/l	66
31) Cyclohexane	5.63	56	4172	1.09	ug/l	# 1
36) 1,1-Dichloropropene	5.63	75	15719	4.72	ug/l	# 51
38) Carbon Tetrachloride	5.63	117	21038	6.01	ug/l	# 16
76) 1,2,3-Trichloropropane	11.12	75	86815	21.26	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.12	75	86815	52.30	ug/l	# 14

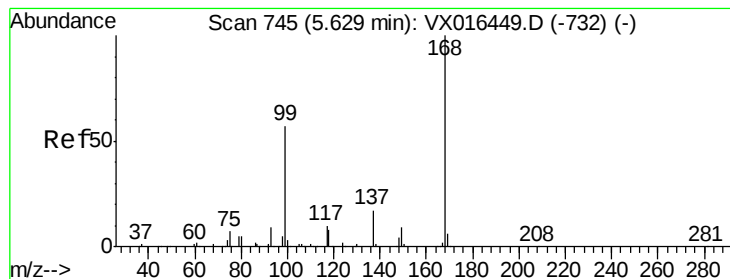
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
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Quant Time: Jun 06 06:02:05 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: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

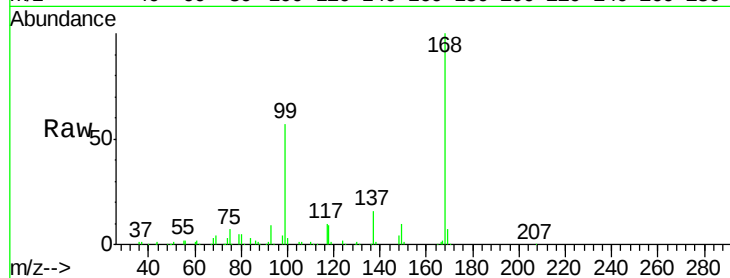
LF012MW026-200601

Tgt Ion:168 Resp: 221962

Ion Ratio Lower Upper

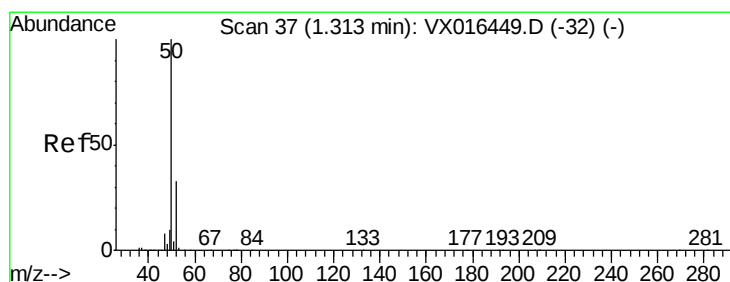
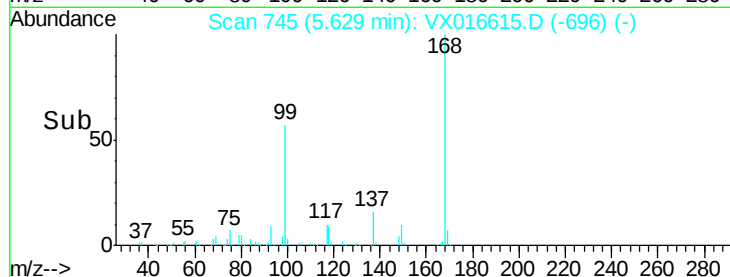
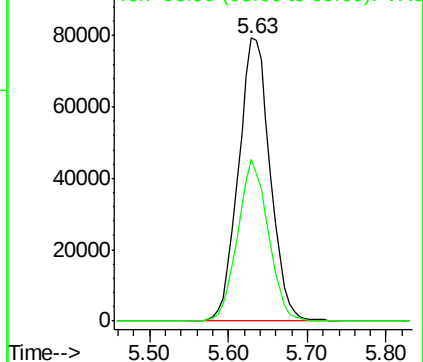
168 100

99 56.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.62 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016615.D

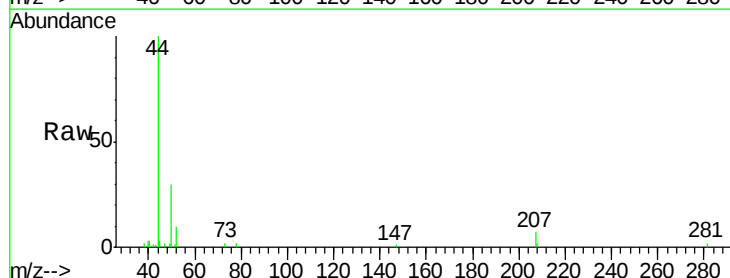
Acq: 05 Jun 2020 16:40

Tgt Ion: 50 Resp: 1642

Ion Ratio Lower Upper

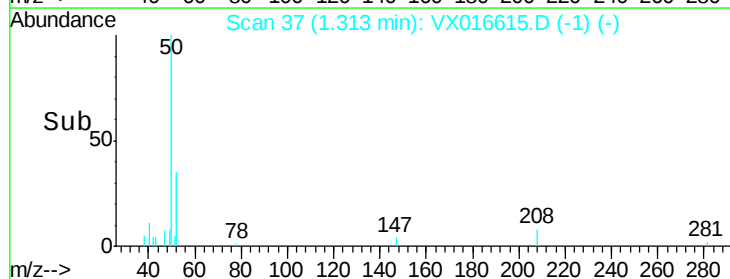
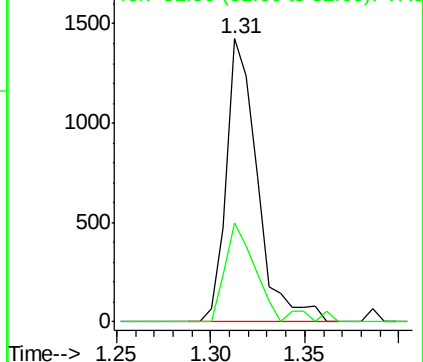
50 100

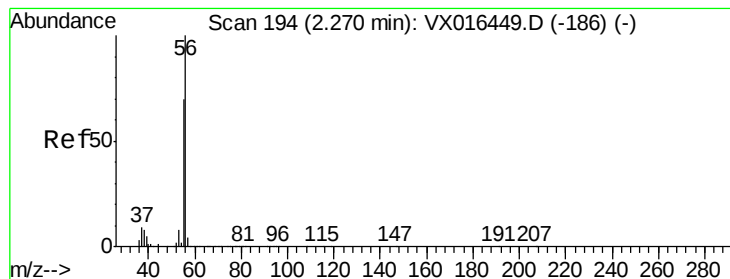
52 34.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#13

Acrolein

Concen: 0.32 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

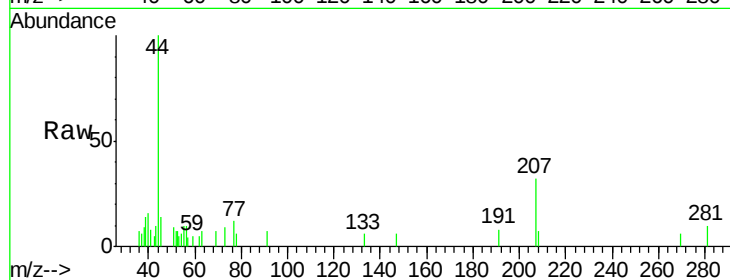
LF012MW026-200601

Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 297.9 58.3 87.5#



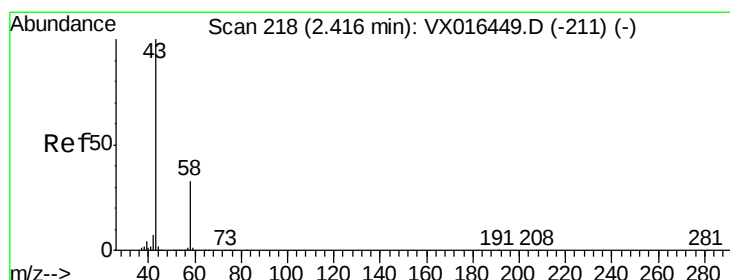
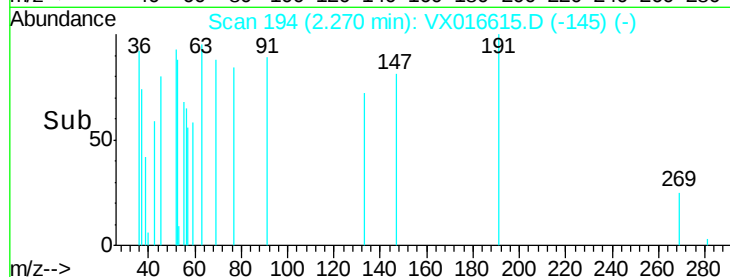
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

2.26 2.28

Time-->



#16

Acetone

Concen: 3.85 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016615.D

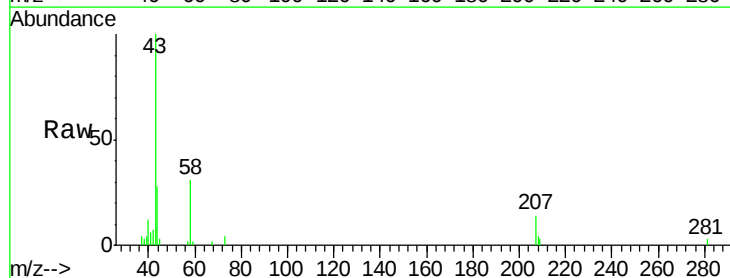
Acq: 05 Jun 2020 16:40

Tgt Ion: 43 Resp: 4654

Ion Ratio Lower Upper

43 100

58 30.5 26.1 39.1



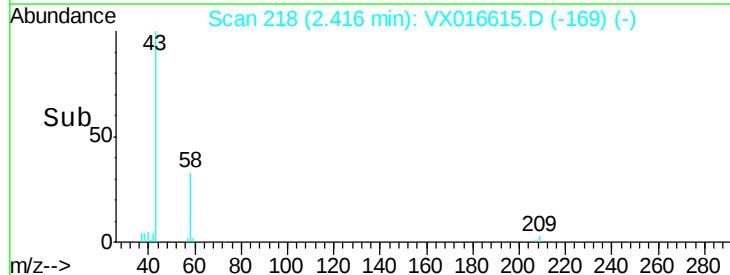
Abundance Ion 43.00 (42.70 to 43.70): VX0

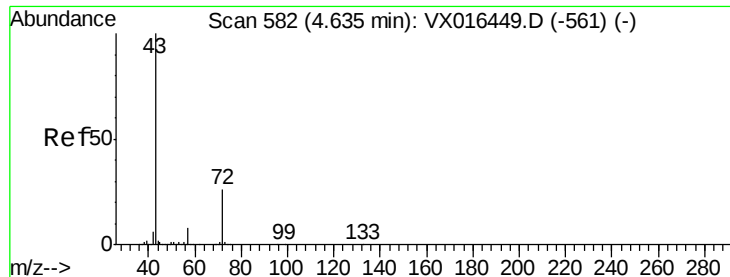
Ion 58.00 (57.70 to 58.70): VX0

2.42

2.35 2.40 2.45 2.50

Time-->

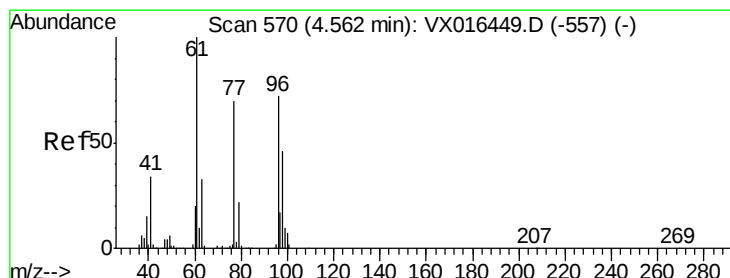
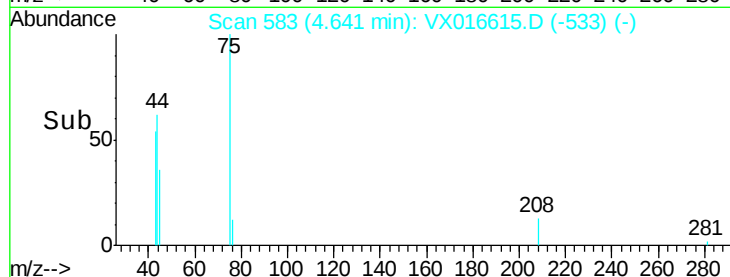
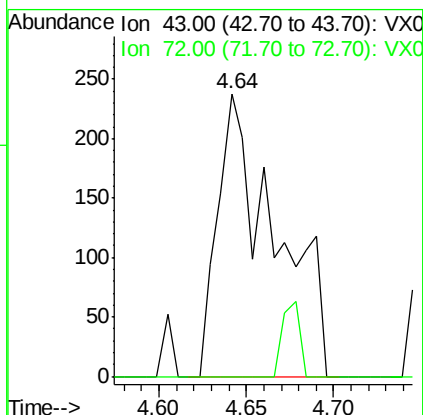
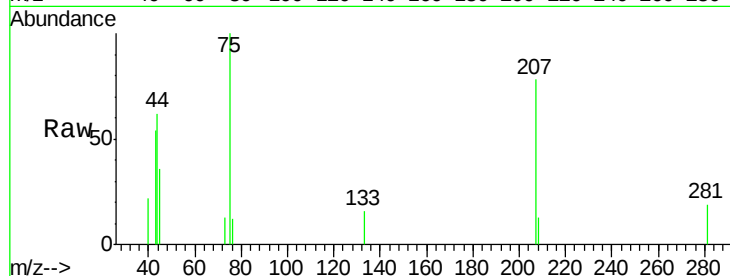




#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

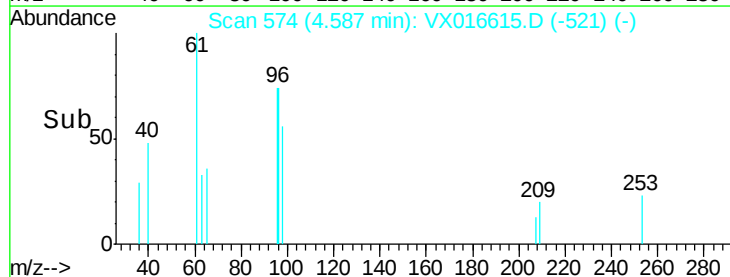
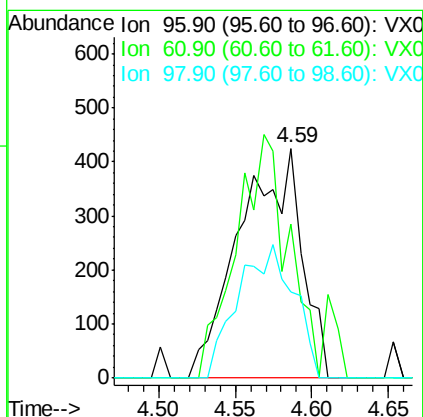
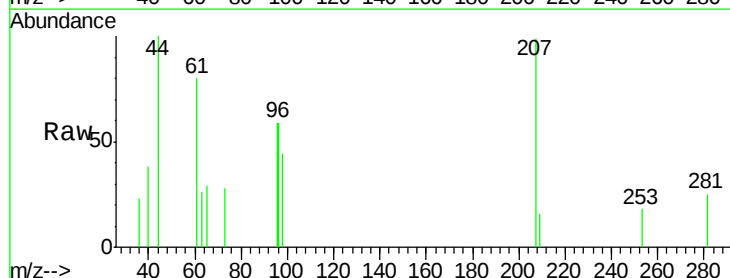
Instrument :
MSVOA_X
ClientSampleId :
LF012MW026-200601

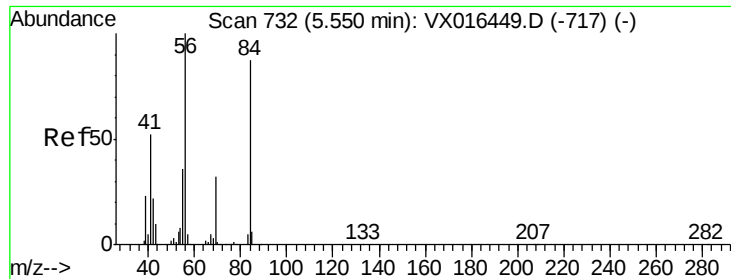
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#27
cis-1,2-Dichloroethene
Concen: 0.44 ug/l
RT: 4.59 min Scan# 574
Delta R.T. 0.02 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

Tgt Ion: 96 Resp: 1197
Ion Ratio Lower Upper
96 100
61 89.1 0.0 284.6
98 52.2 0.0 127.2

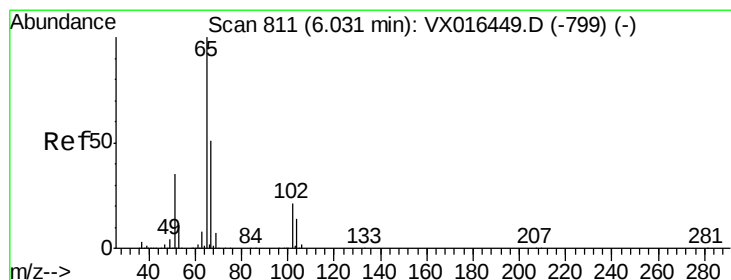
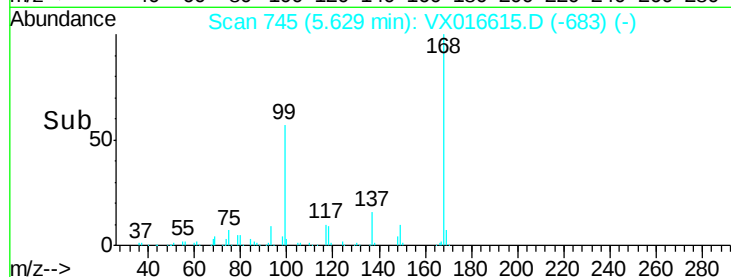
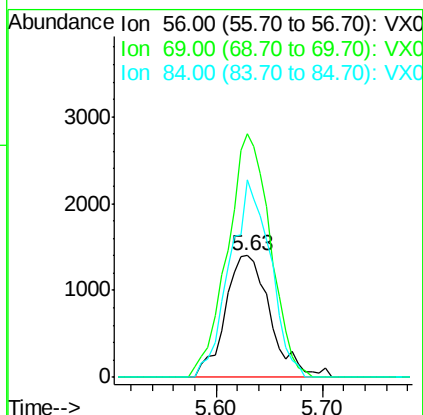
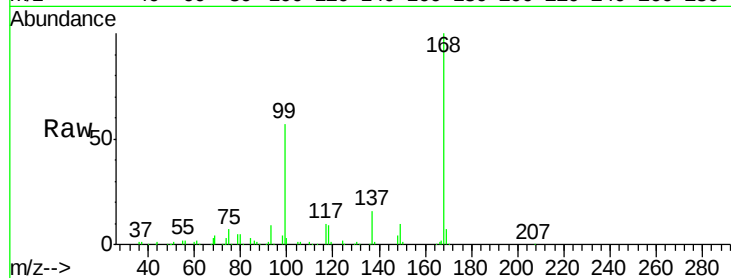




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

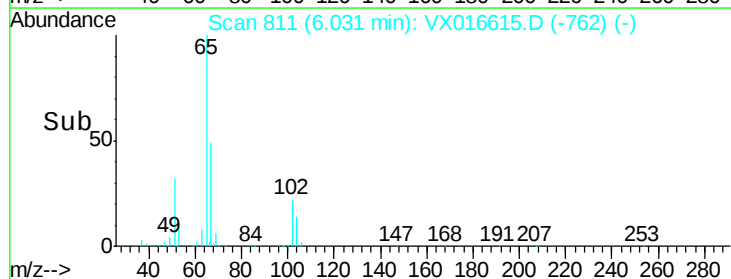
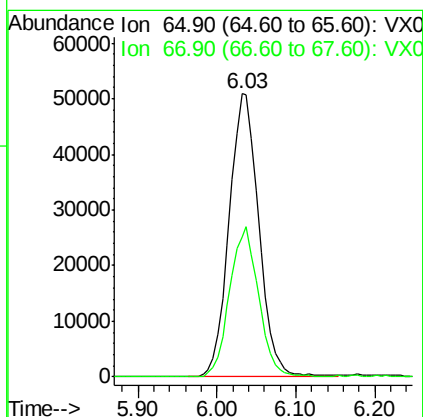
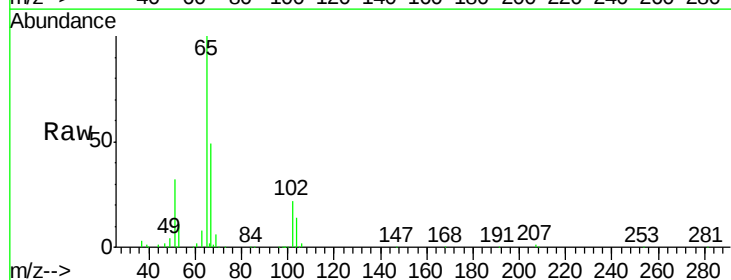
Instrument :
MSVOA_X
ClientSampleId :
LF012MW026-200601

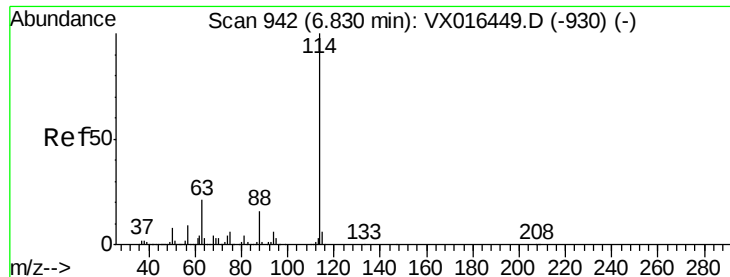
Tgt Ion: 56 Resp: 4172
Ion Ratio Lower Upper
56 100
69 199.6 25.7 38.5#
84 162.0 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.50 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

Tgt Ion: 65 Resp: 133695
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

LF012MW026-200601

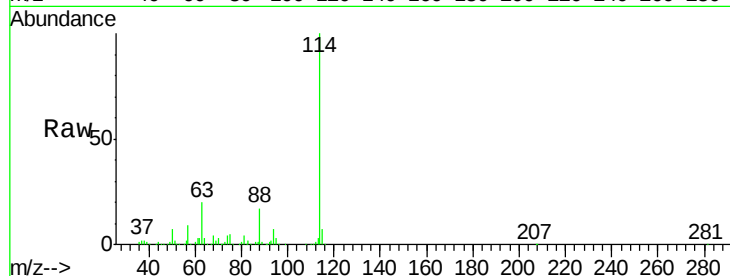
Tgt Ion:114 Resp: 351756

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 16.8 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

200000

150000

100000

50000

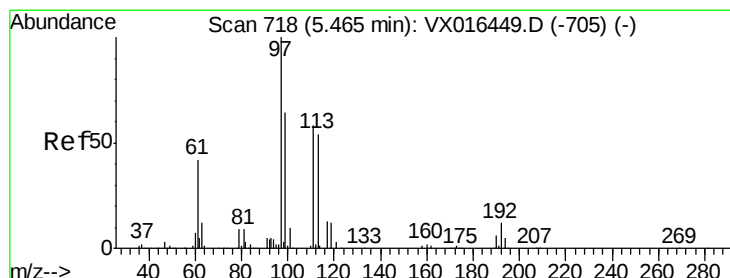
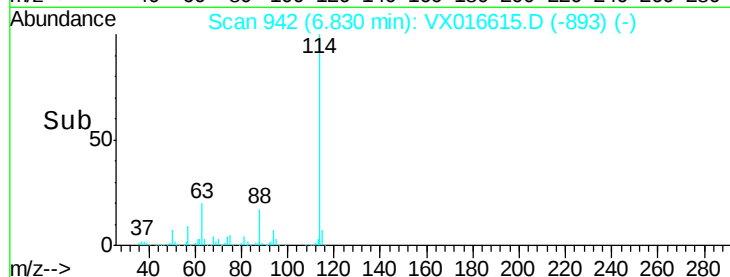
0

6.83

6.80

6.90

Time-->



#35

Dibromofluoromethane

Concen: 49.83 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

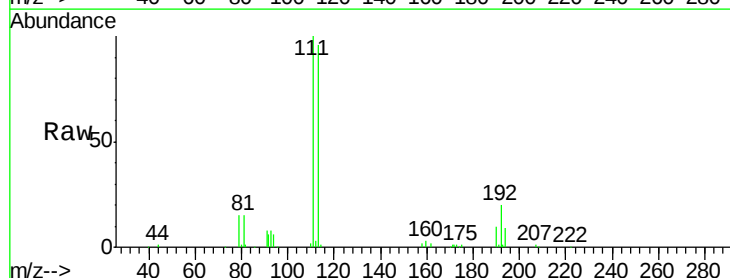
Tgt Ion:113 Resp: 107933

Ion Ratio Lower Upper

113 100

111 102.5 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

50000

40000

30000

20000

10000

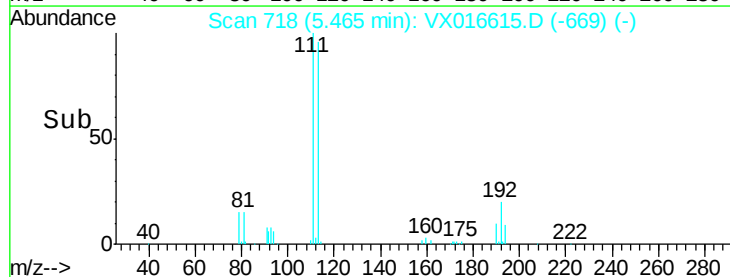
0

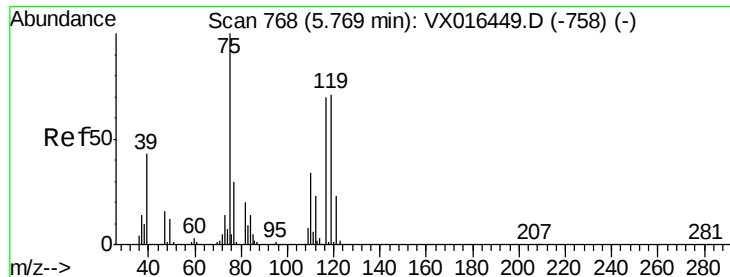
5.46

5.40

5.60

Time-->





#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

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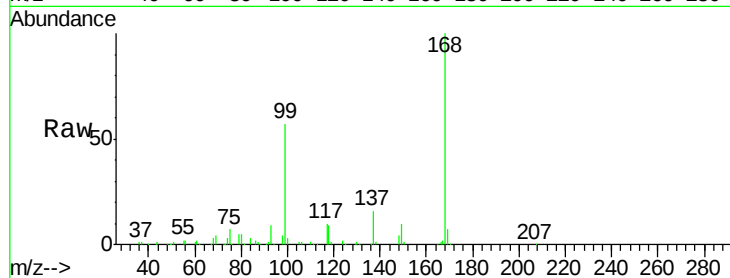
Tgt Ion: 75 Resp: 15719

Ion Ratio Lower Upper

75 100

110 9.8 17.4 52.3#

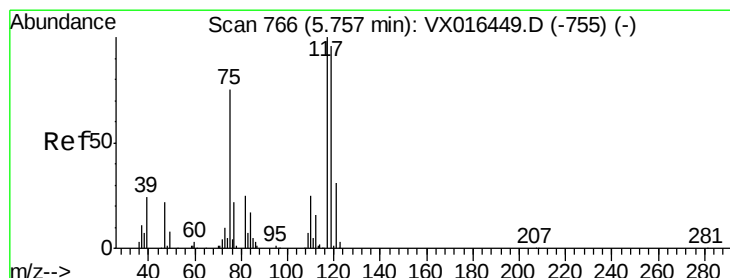
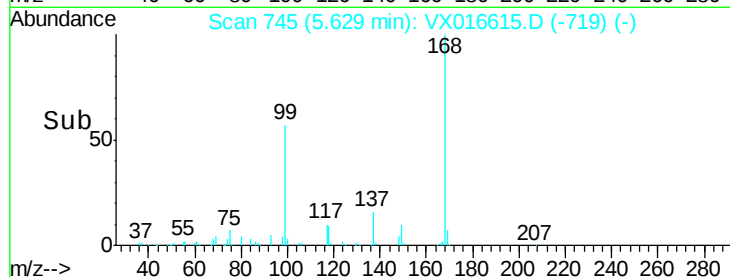
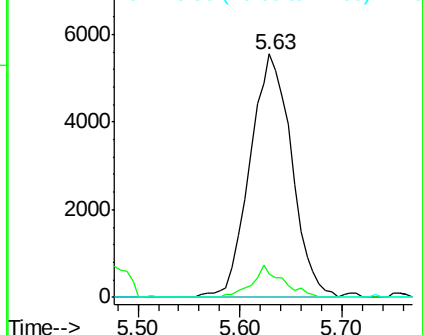
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.01 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

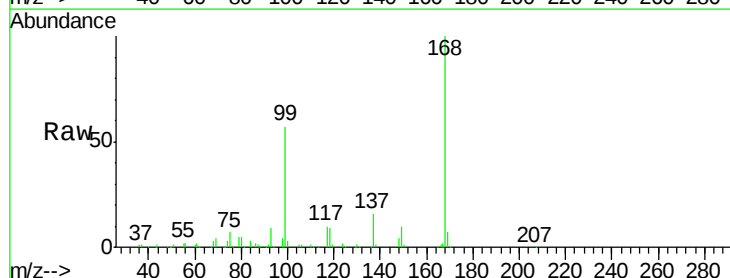
Tgt Ion: 117 Resp: 21038

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

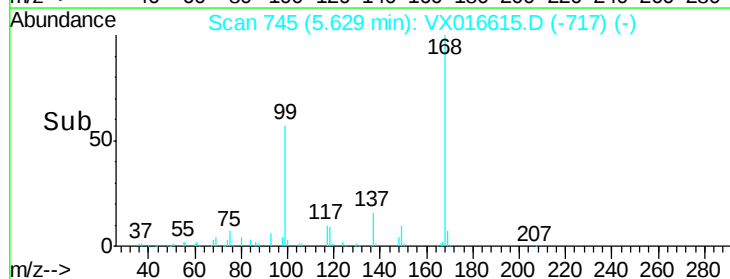
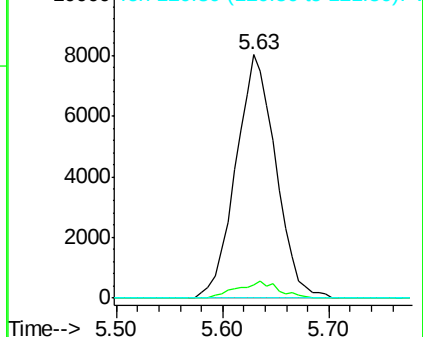
121 0.0 24.6 37.0#

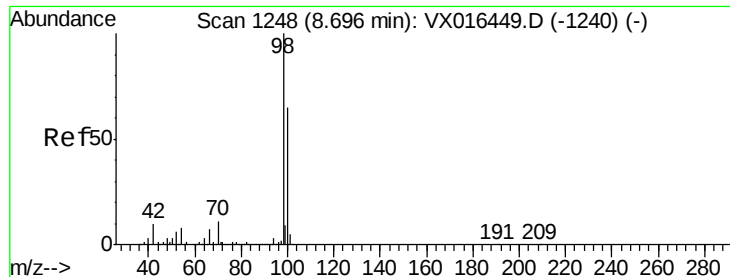


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.80 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

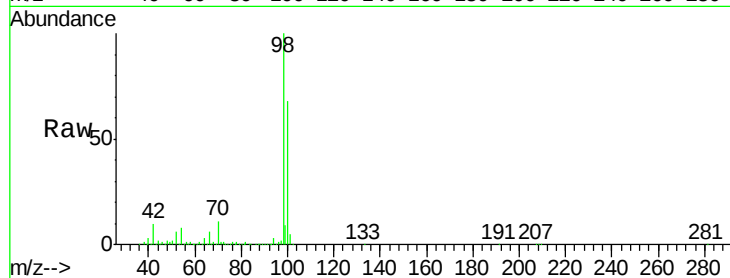
LF012MW026-200601

Tgt Ion: 98 Resp: 436683

Ion Ratio Lower Upper

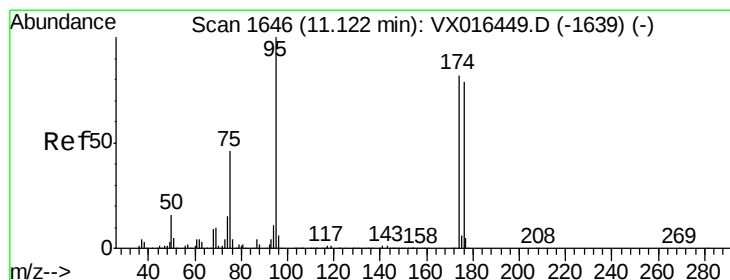
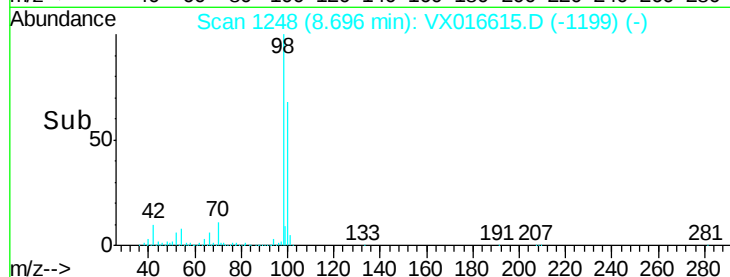
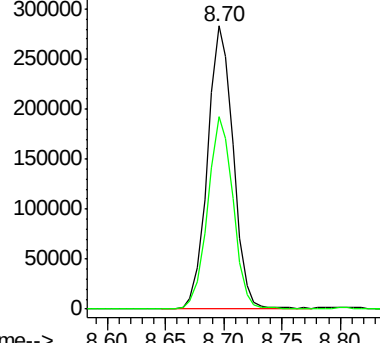
98 100

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



#62

4-Bromofluorobenzene

Concen: 53.90 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016615.D

Acq: 05 Jun 2020 16:40

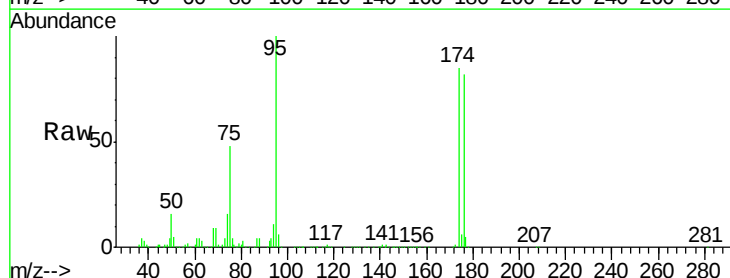
Tgt Ion: 95 Resp: 175584

Ion Ratio Lower Upper

95 100

174 87.0 0.0 163.0

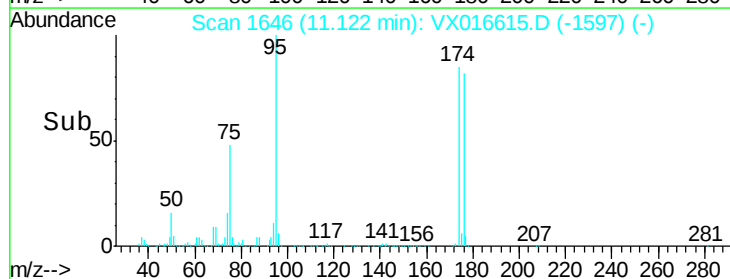
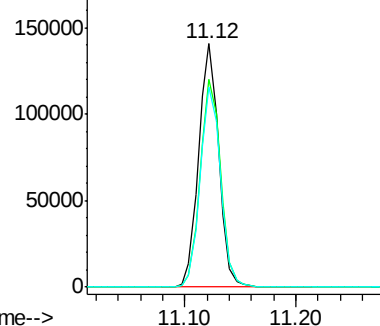
176 83.7 0.0 156.8

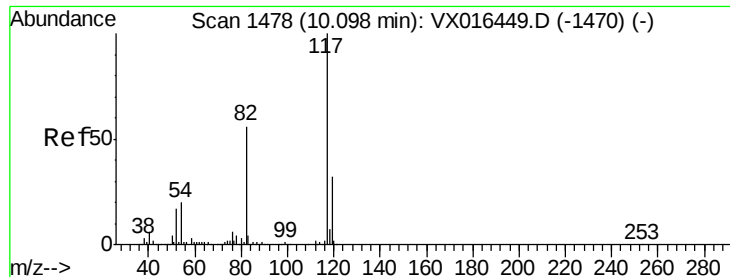


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

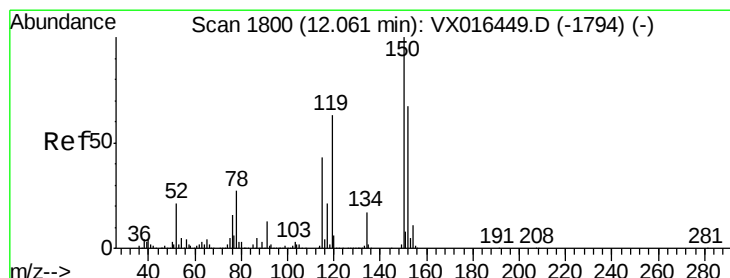
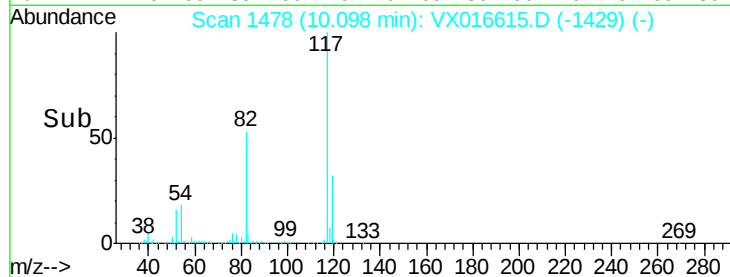
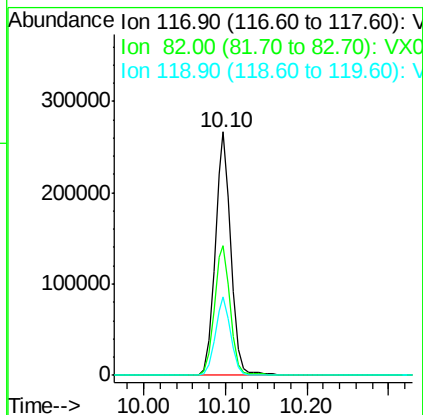
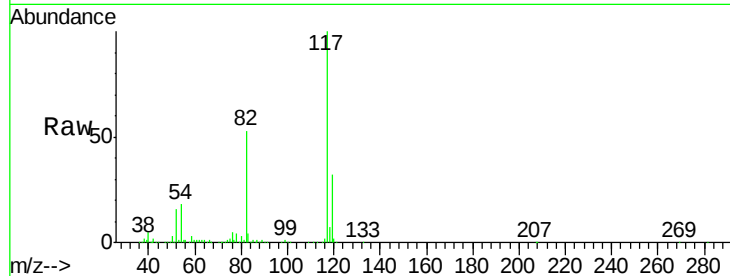




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

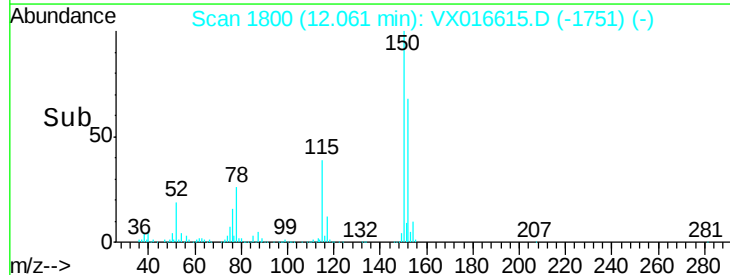
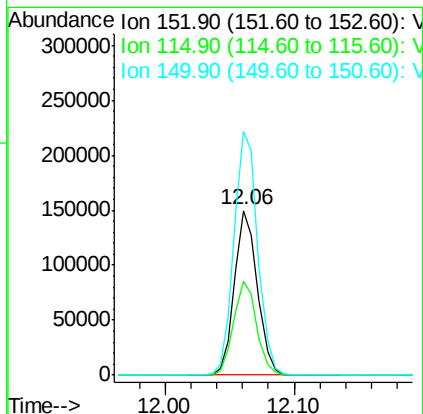
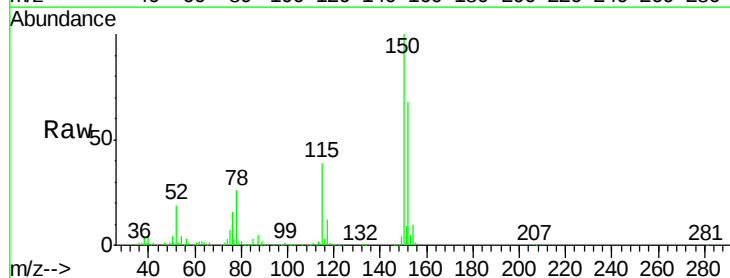
Instrument :
MSVOA_X
ClientSampleId :
LF012MW026-200601

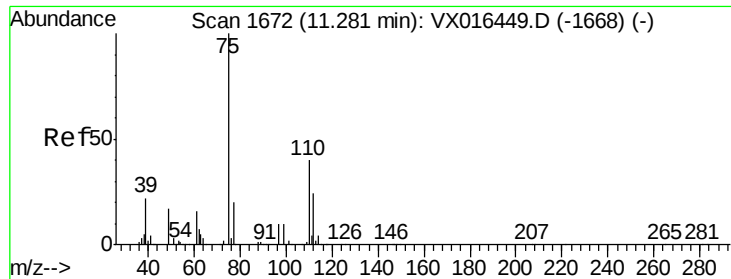
Tgt Ion:117 Resp: 361278
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016615.D
Acq: 05 Jun 2020 16:40

Tgt Ion:152 Resp: 185771
Ion Ratio Lower Upper
152 100
115 57.7 39.9 119.6
150 152.8 0.0 341.0

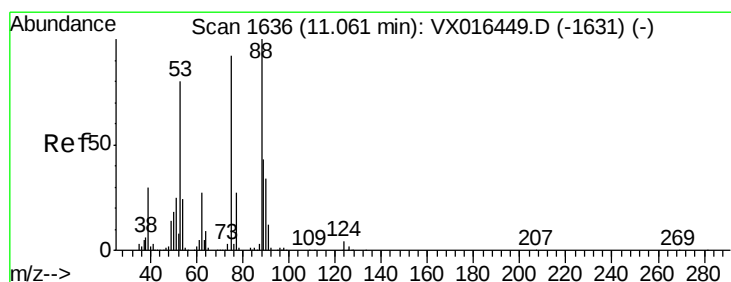
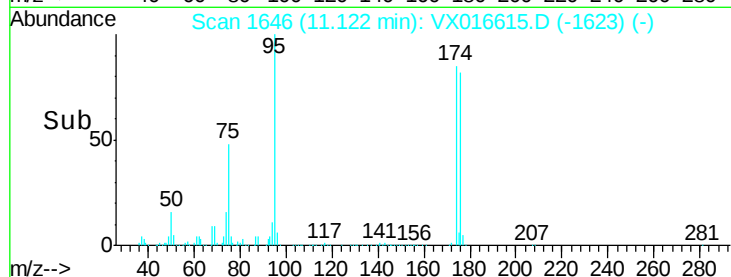
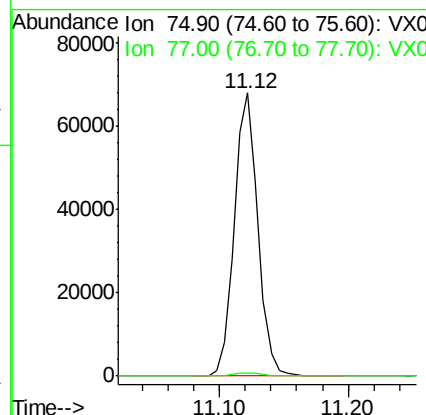
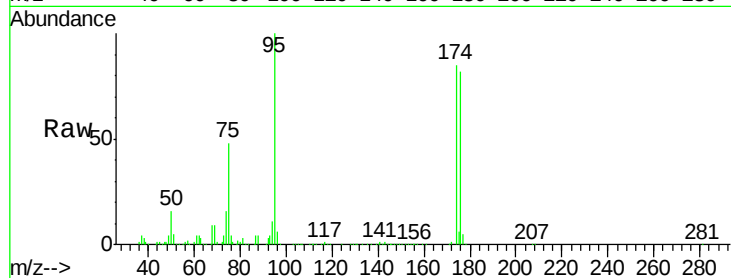




#76
 1,2,3-Trichloropropane
 Concen: 21.26 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016615.D
 Acq: 05 Jun 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW026-200601

Tgt Ion: 75 Resp: 86815
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.30 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016615.D
 Acq: 05 Jun 2020 16:40

Tgt Ion: 75 Resp: 86815
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

