

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
 Data File : VX016632.D
 Acq On : 08 Jun 2020 12:50
 Operator : JC/SP
 Sample : L2894-18DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW003-200602DL

Quant Time: Jun 09 05:44:10 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	214050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	345415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187607	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	128294	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.47	113	106798	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	8.70	98	415497	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.12	95	177554	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	

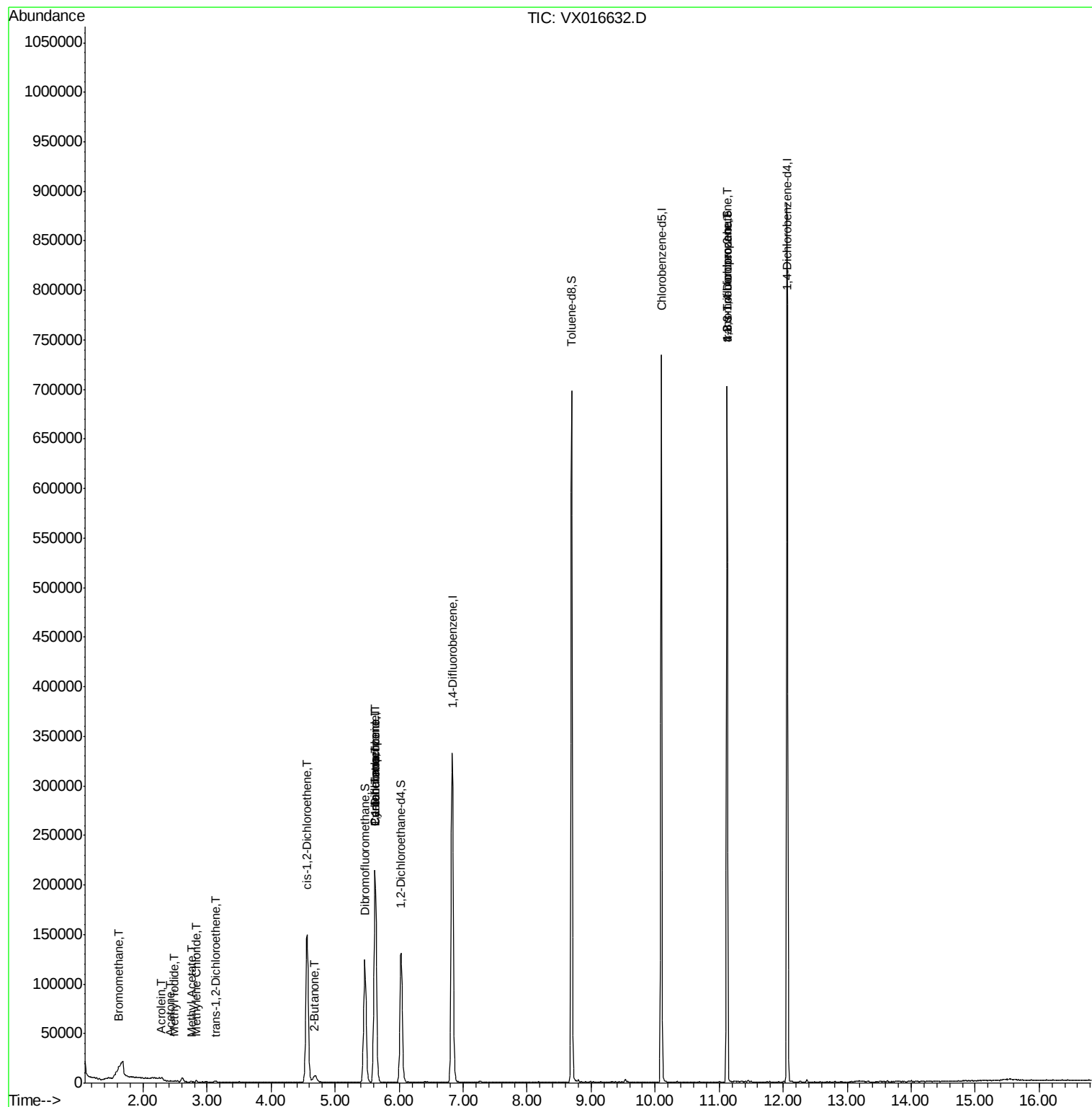
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	777	0.59	ug/l #	65
10) Methyl Iodide	2.48	142	470	3.25	ug/l #	80
13) Acrolein	2.28	56	568	1.96	ug/l #	34
16) Acetone	2.43	43	952	0.82	ug/l	91
18) Methyl Acetate	2.76	43	697	0.23	ug/l	92
20) Methylene Chloride	2.83	84	766	0.32	ug/l #	94
21) trans-1,2-Dichloroethene	3.12	96	516	0.23	ug/l #	46
25) 2-Butanone	4.67	43	453	0.23	ug/l #	49
27) cis-1,2-Dichloroethene	4.56	96	99712	37.83	ug/l	88
31) Cyclohexane	5.62	56	3796	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14978	4.66	ug/l #	51
38) Carbon Tetrachloride	5.62	117	20293	6.01	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	86776	21.04	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	86776	51.76	ug/l #	14

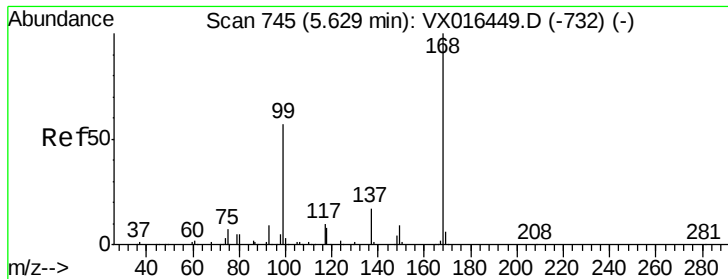
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
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Quant Time: Jun 09 05:44:10 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: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

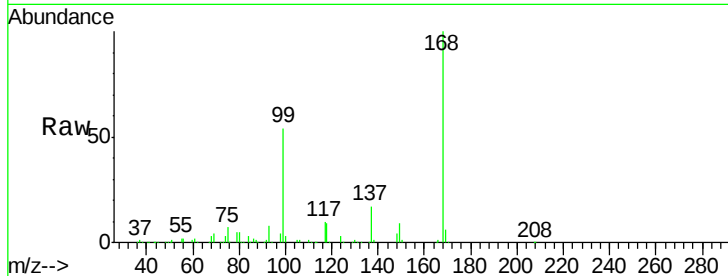
LF012MW003-200602DL

Tgt Ion:168 Resp: 214050

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

5.63

80000

60000

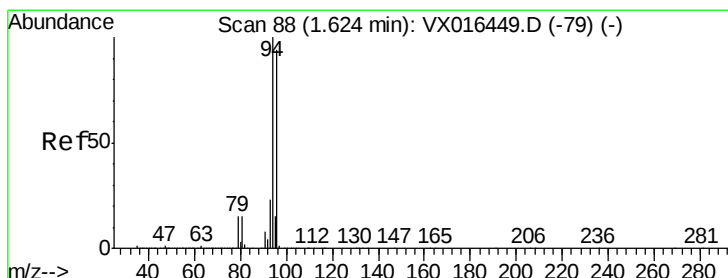
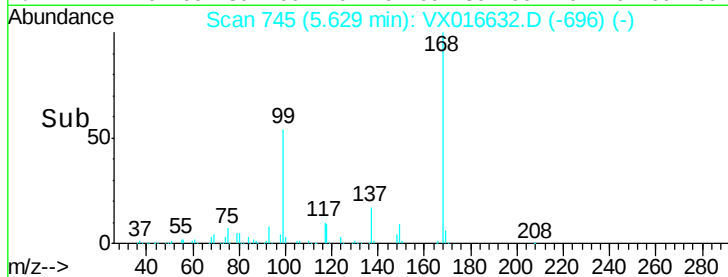
40000

20000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.59 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016632.D

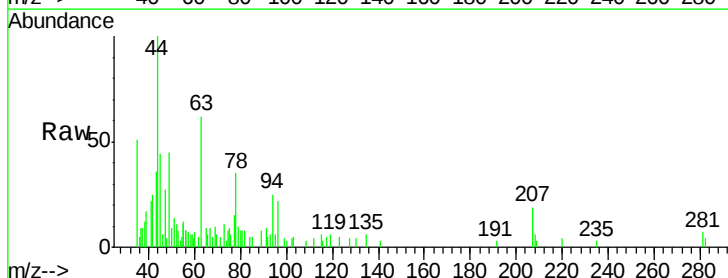
Acq: 08 Jun 2020 12:50

Tgt Ion: 94 Resp: 777

Ion Ratio Lower Upper

94 100

96 59.9 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

500

400

300

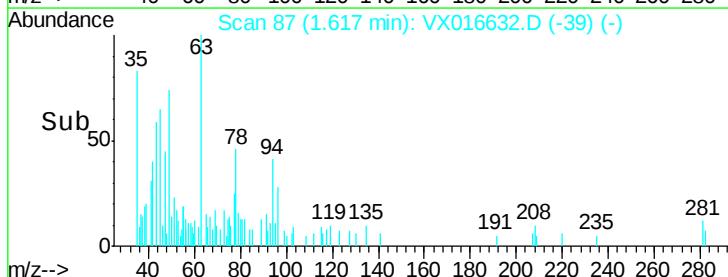
200

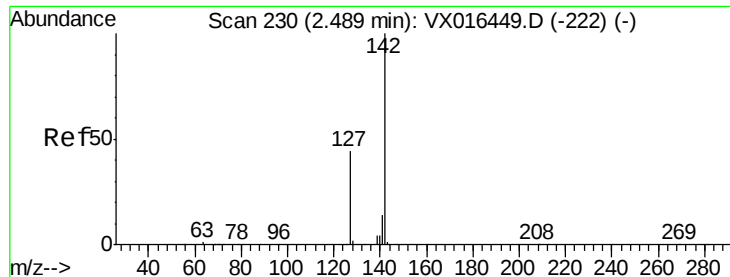
100

0

Time-->

1.60 1.65

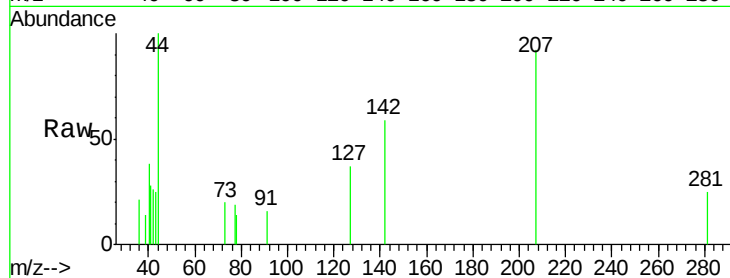




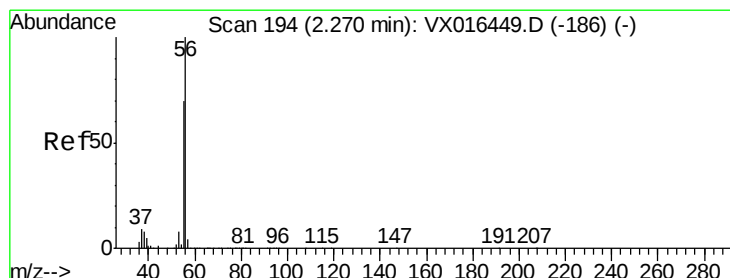
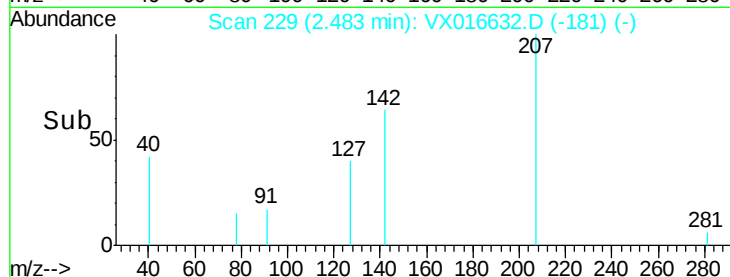
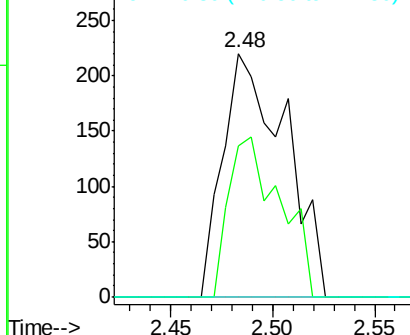
#10
Methyl Iodide
Concen: 3.25 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-200602DL

Tgt Ion: 142 Resp: 470
Ion Ratio Lower Upper
142 100
127 54.3 35.3 52.9#
141 0.0 11.4 17.2#

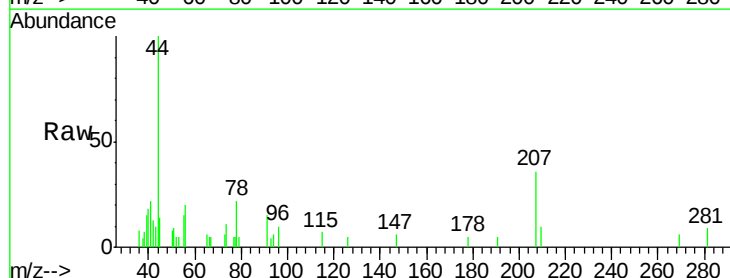


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

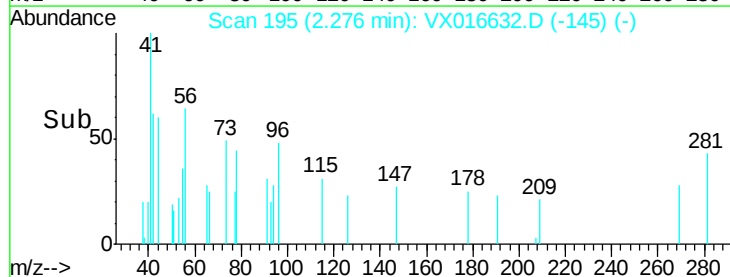
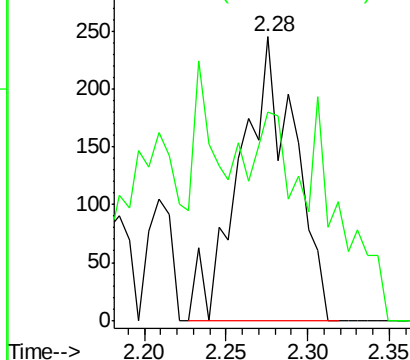


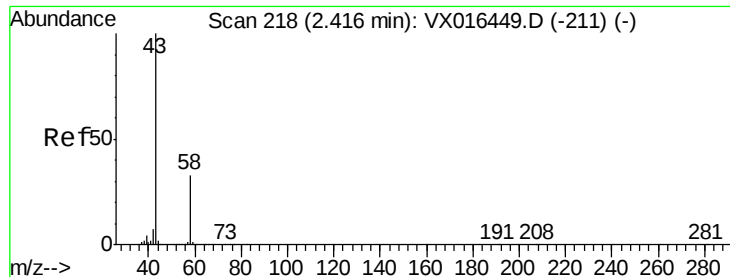
#13
Acrolein
Concen: 1.96 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

Tgt Ion: 56 Resp: 568
Ion Ratio Lower Upper
56 100
55 17.8 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.82 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

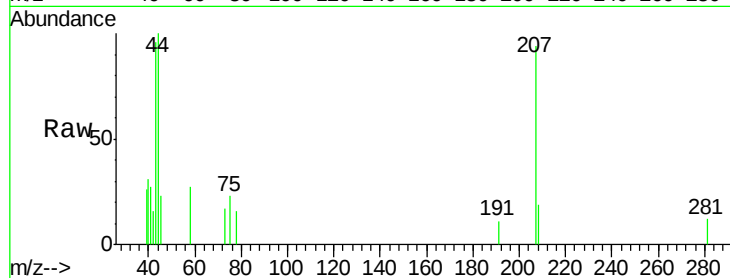
LF012MW003-200602DL

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

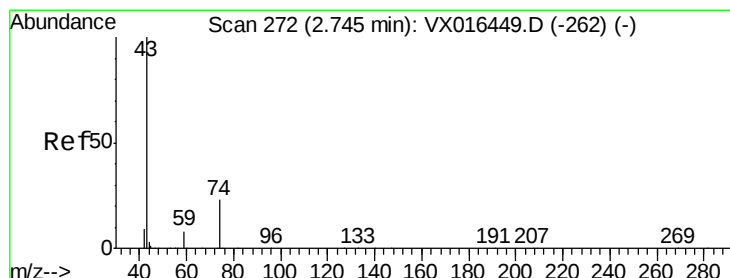
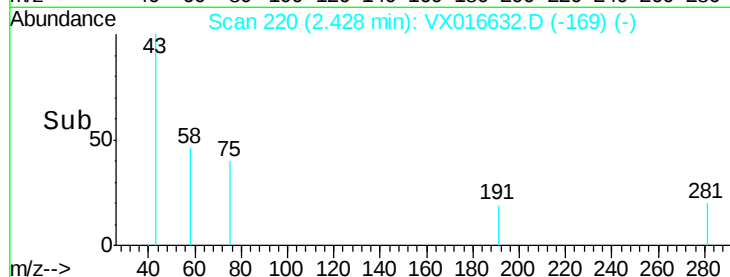
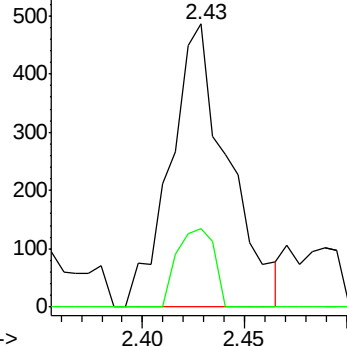
43 100

58 27.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX016632.D

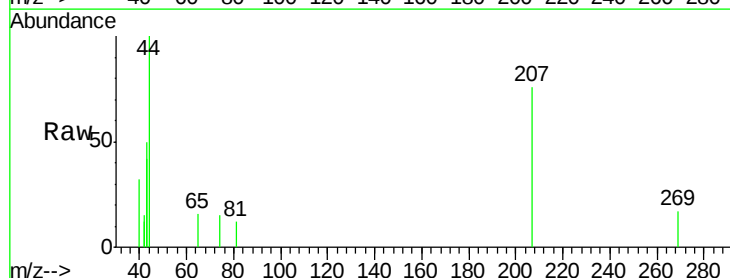
Acq: 08 Jun 2020 12:50

Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

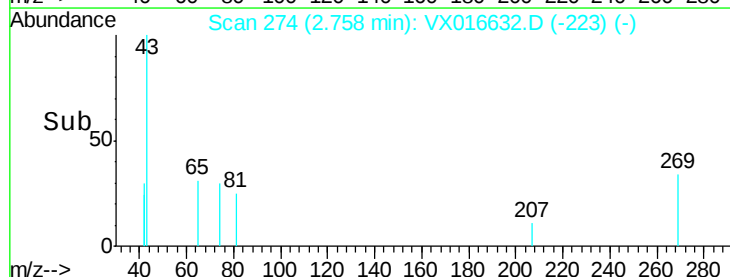
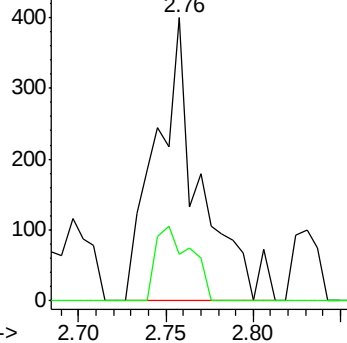
43 100

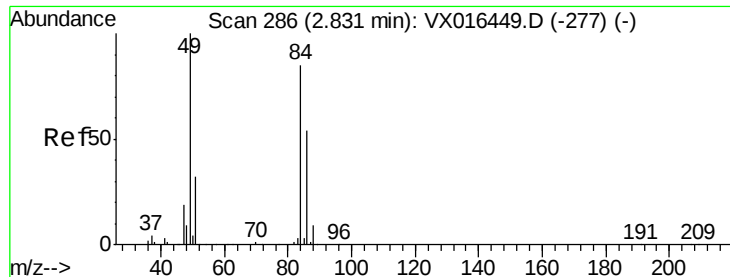
74 20.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

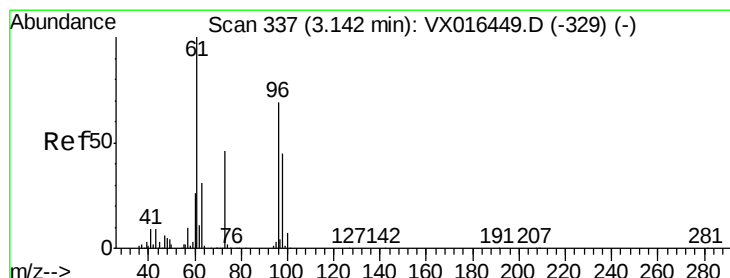
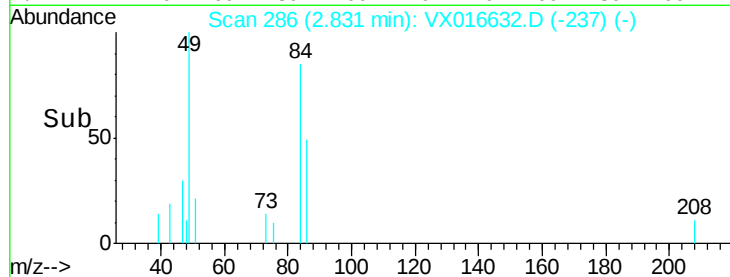
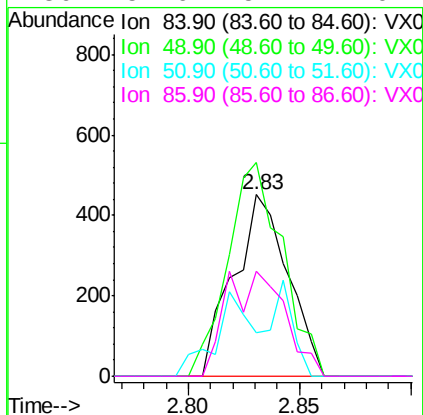
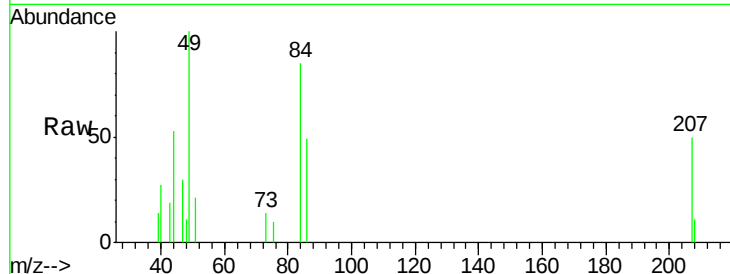




#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

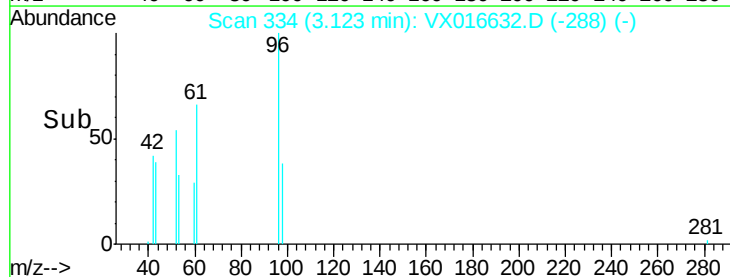
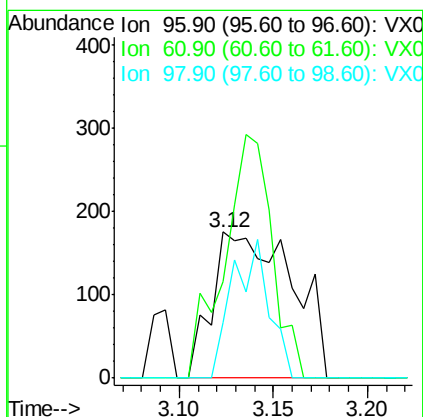
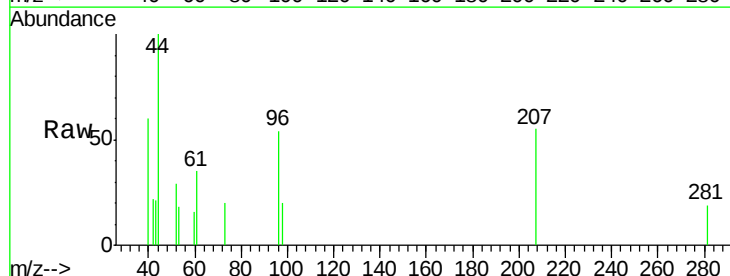
Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-200602DL

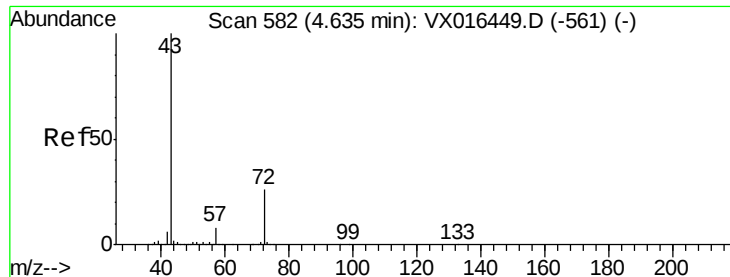
Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 117.7 94.5 141.7
51 24.2 30.2 45.4#
86 57.6 51.1 76.7



#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.12 min Scan# 334
Delta R.T. -0.02 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 65.7 115.3 172.9#
98 37.7 51.9 77.9#





#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.67 min Scan# 588

Delta R.T. 0.04 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

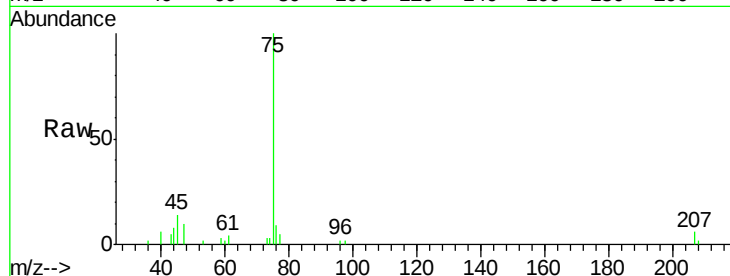
LF012MW003-200602DL

Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

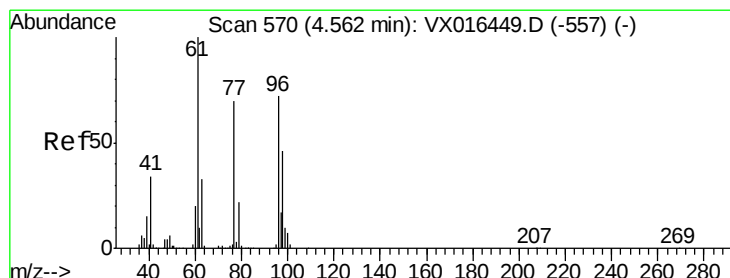
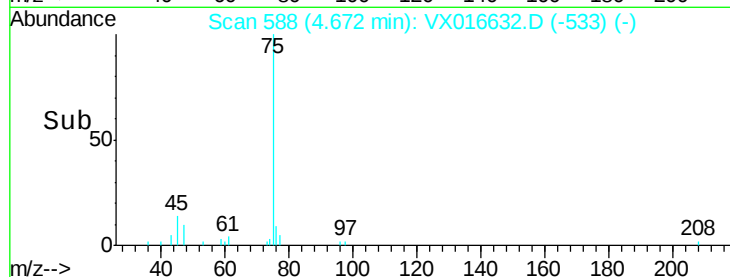
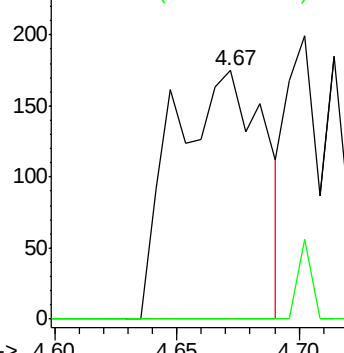
43 100

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: 37.83 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

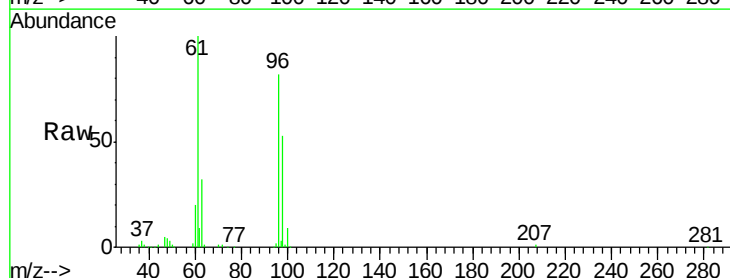
Tgt Ion: 96 Resp: 99712

Ion Ratio Lower Upper

96 100

61 122.2 0.0 284.6

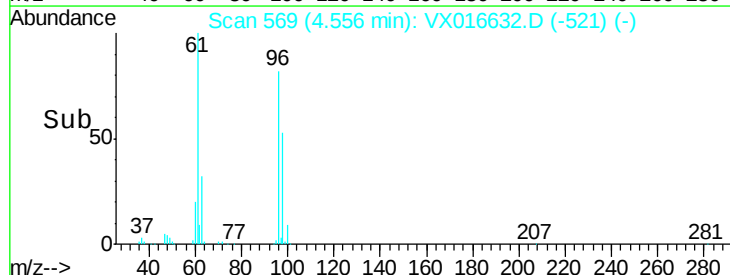
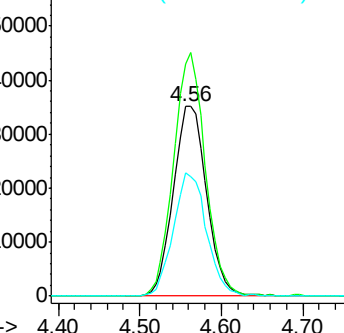
98 64.4 0.0 127.2

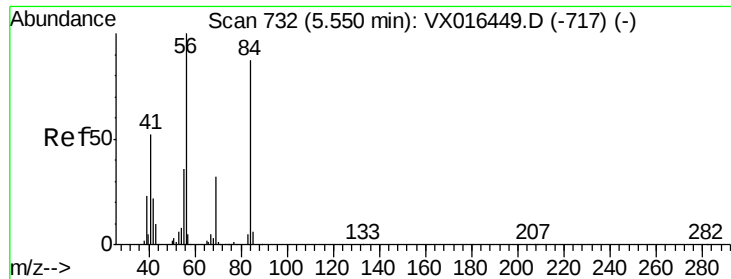


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

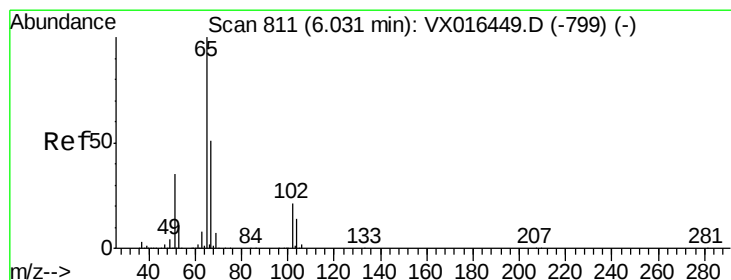
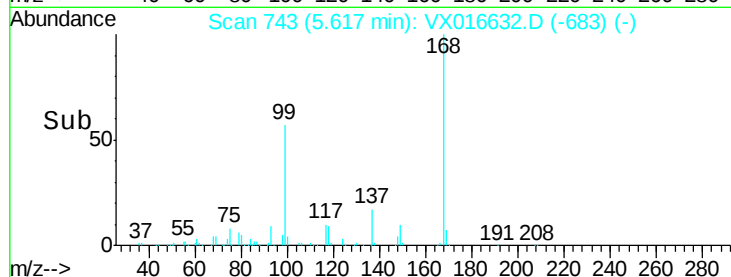
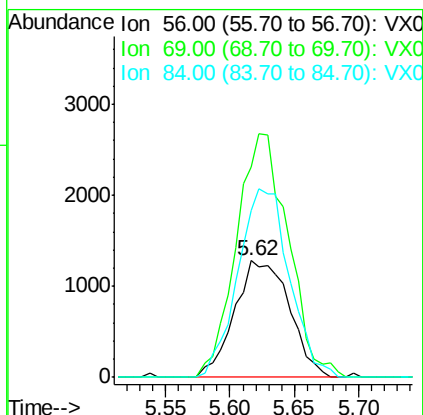
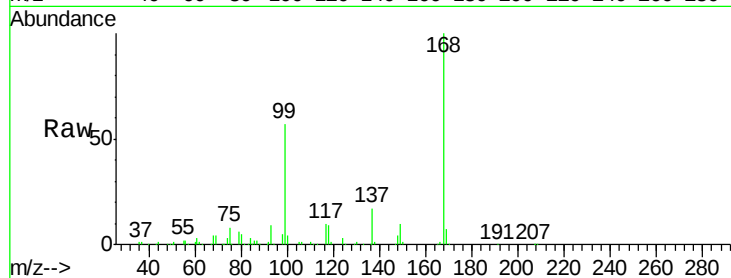




#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.07 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

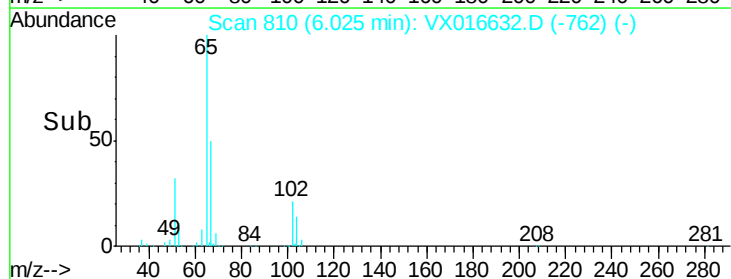
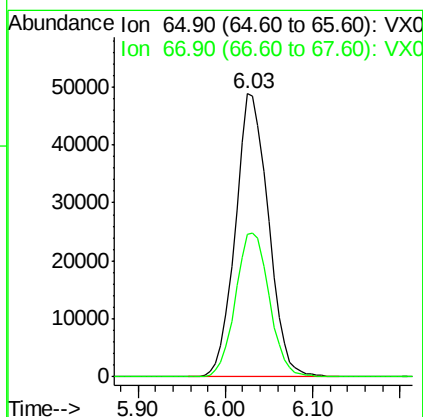
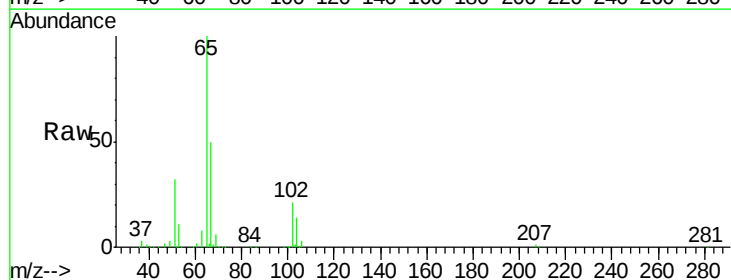
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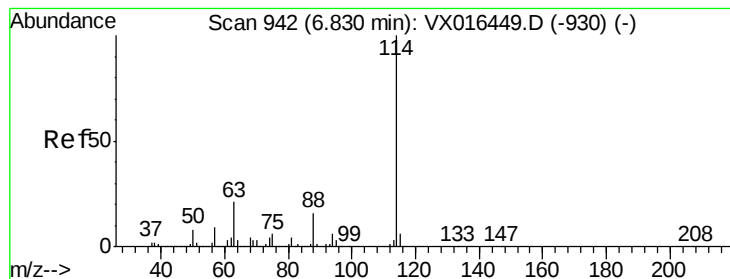
Tgt Ion: 56 Resp: 3796
Ion Ratio Lower Upper
56 100
69 179.9 25.7 38.5#
84 143.6 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.26 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

Tgt Ion: 65 Resp: 128294
Ion Ratio Lower Upper
65 100
67 51.9 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: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

LF012MW003-200602DL

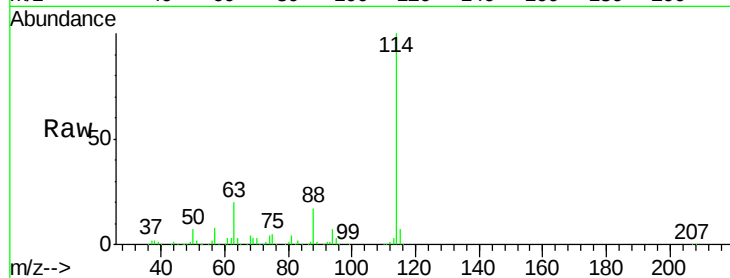
Tgt Ion:114 Resp: 339574

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

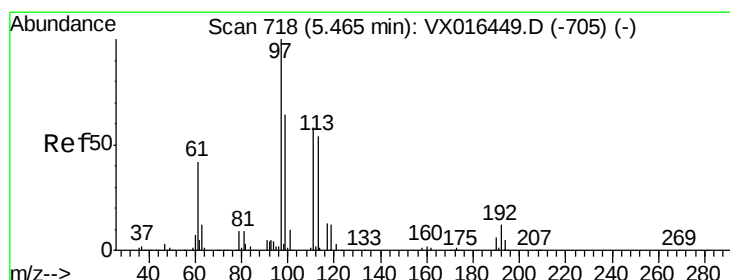
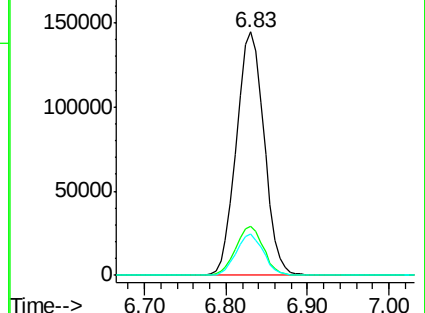
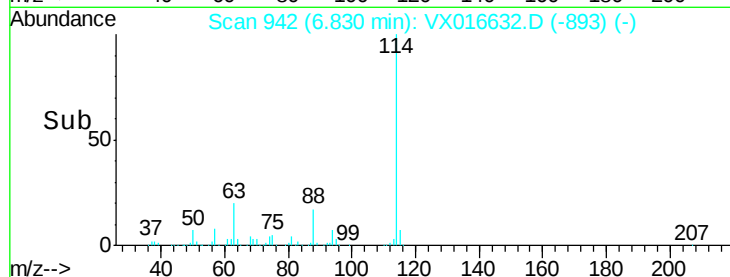
88 17.0 0.0 32.8



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: 51.08 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

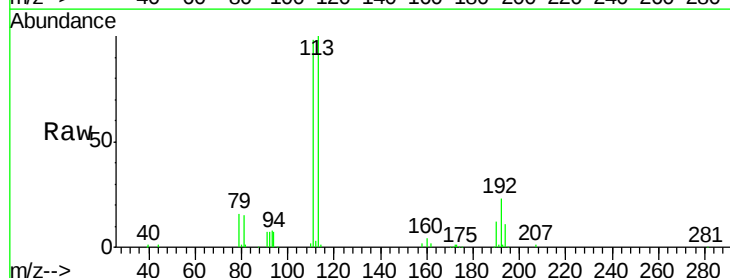
Tgt Ion:113 Resp: 106798

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

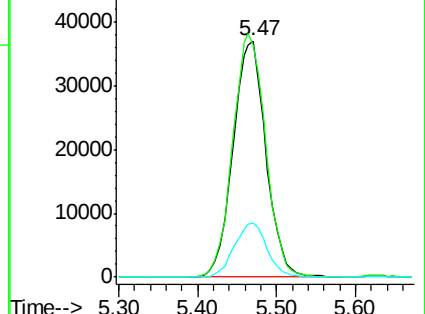
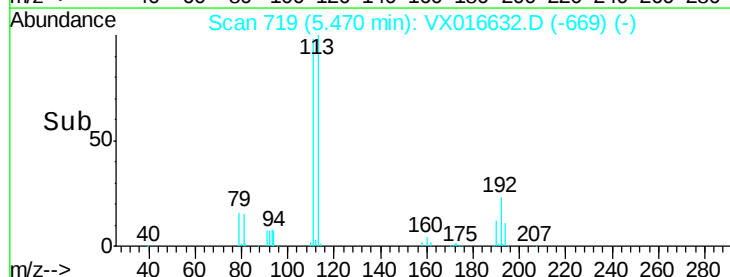
192 22.9 17.7 26.5

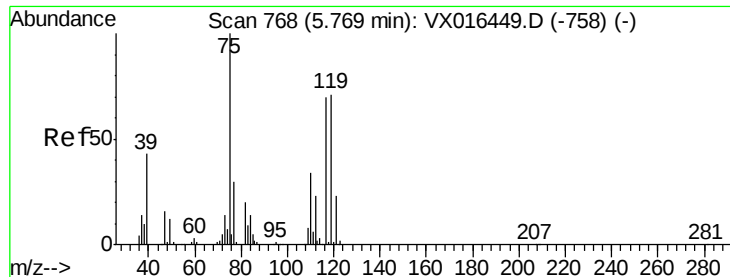


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

LF012MW003-200602DL

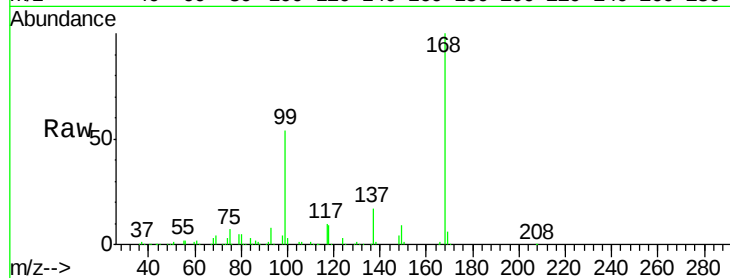
Tgt Ion: 75 Resp: 14978

Ion Ratio Lower Upper

75 100

110 9.8 17.4 52.3#

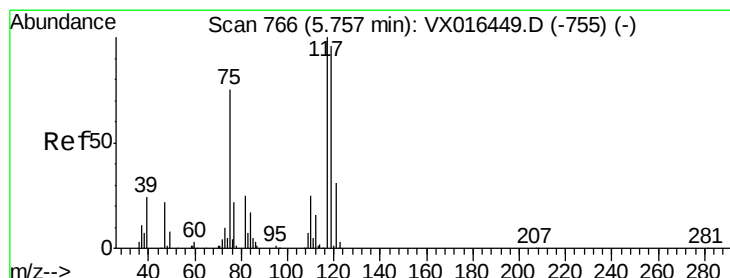
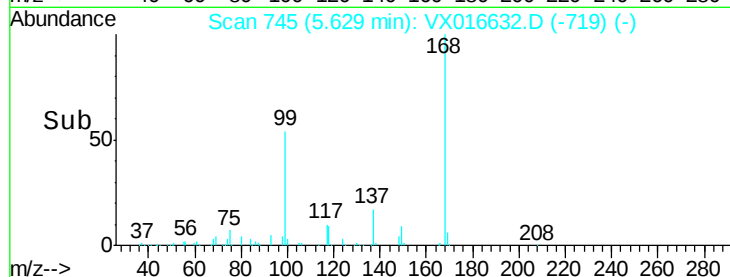
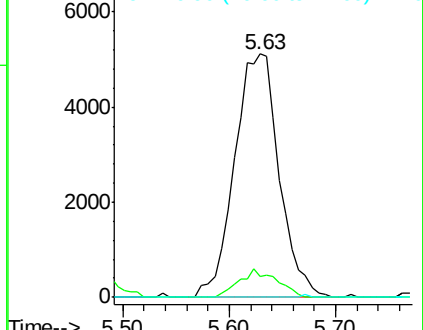
77 0.0 24.2 36.4#



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: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

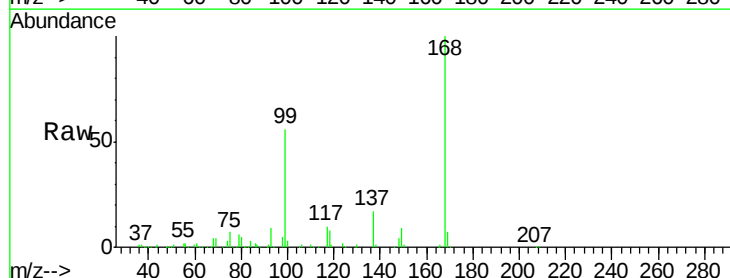
Tgt Ion: 117 Resp: 20293

Ion Ratio Lower Upper

117 100

119 6.8 76.3 114.5#

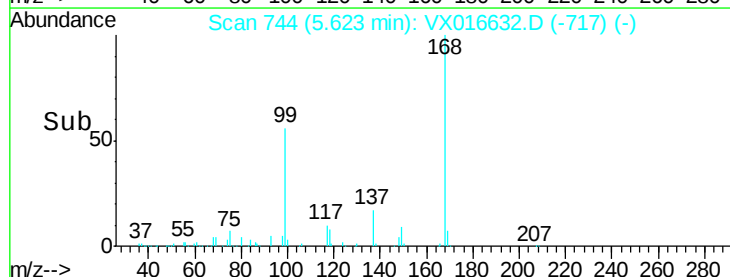
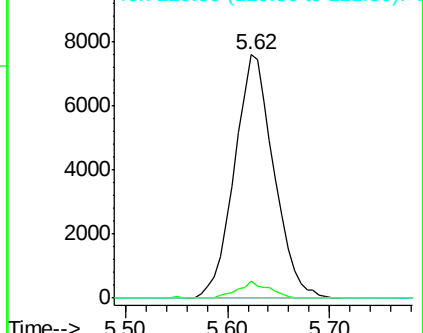
121 0.0 24.6 37.0#

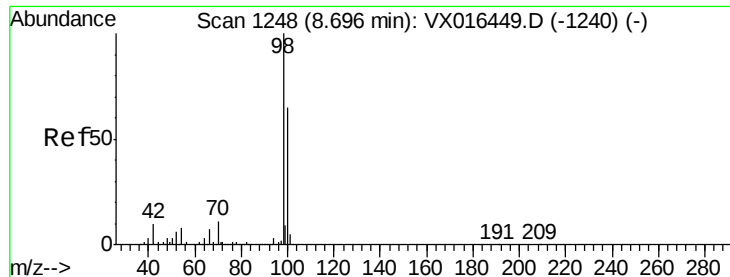


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.05 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

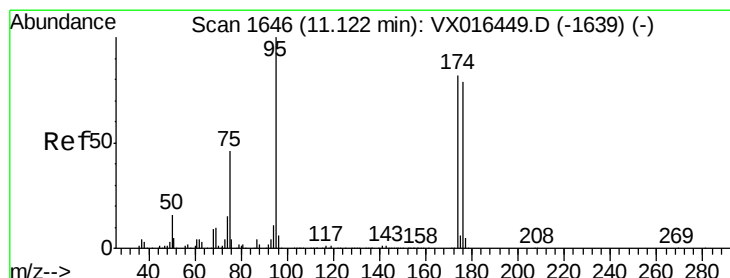
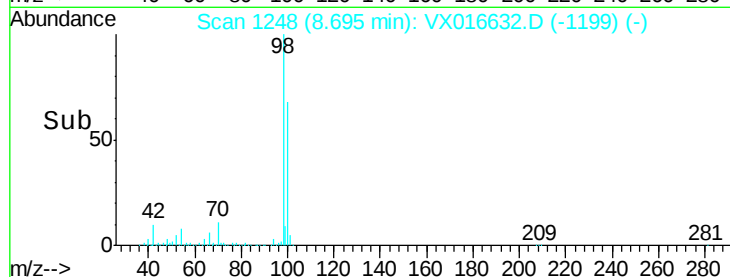
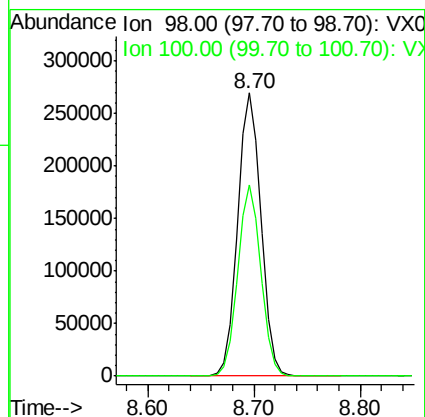
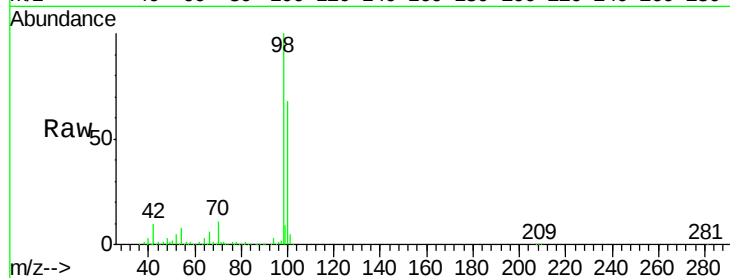
LF012MW003-200602DL

Tgt Ion: 98 Resp: 415497

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 56.46 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016632.D

Acq: 08 Jun 2020 12:50

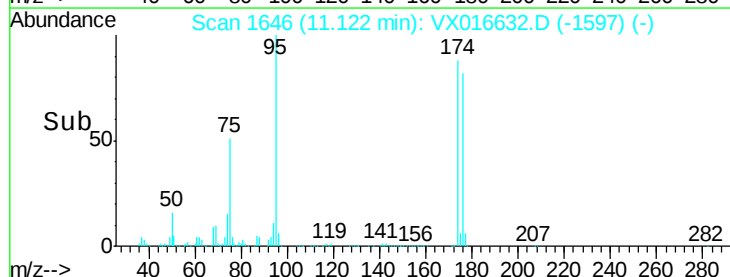
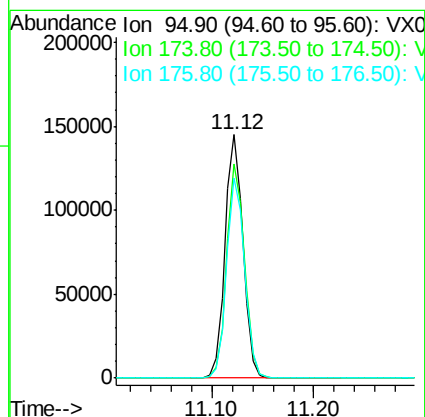
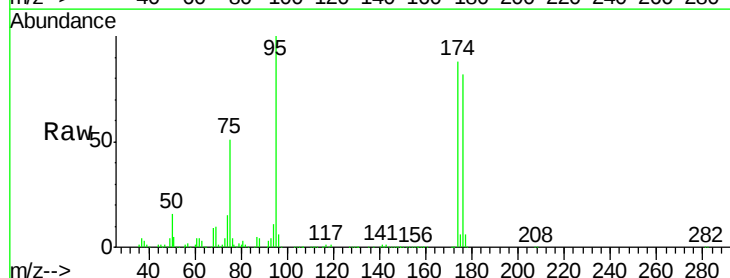
Tgt Ion: 95 Resp: 177554

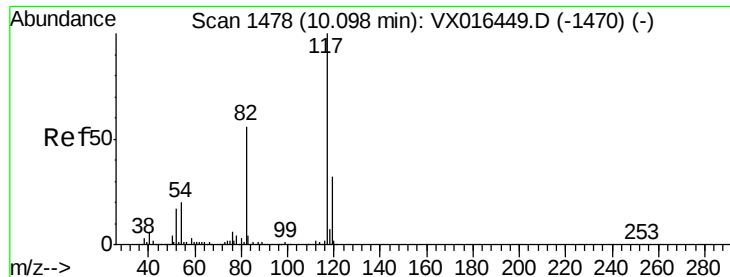
Ion Ratio Lower Upper

95 100

174 87.1 0.0 163.0

176 82.4 0.0 156.8

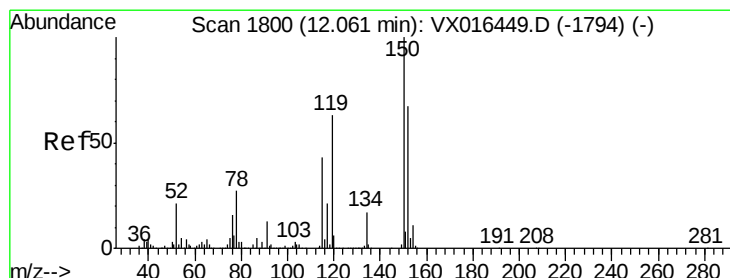
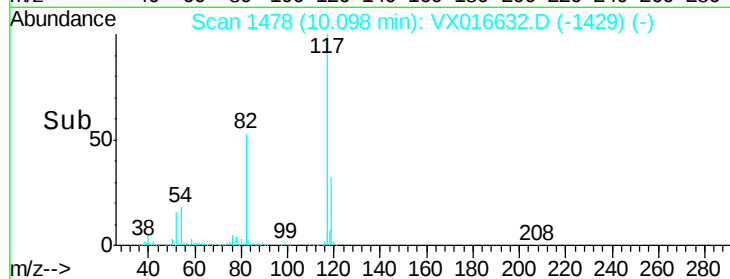
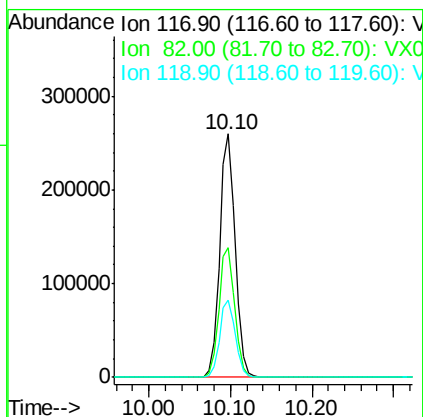
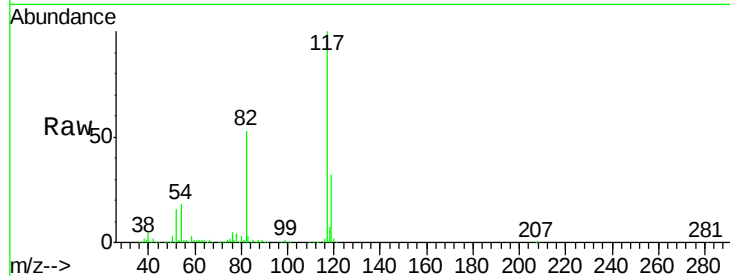




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

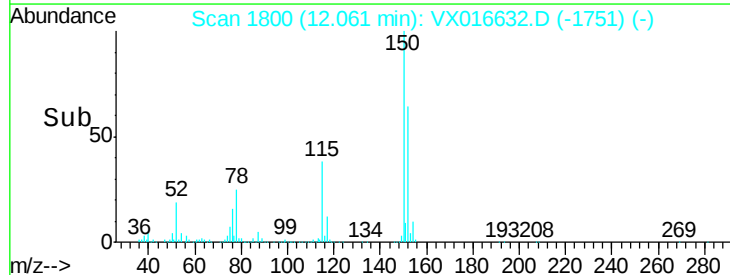
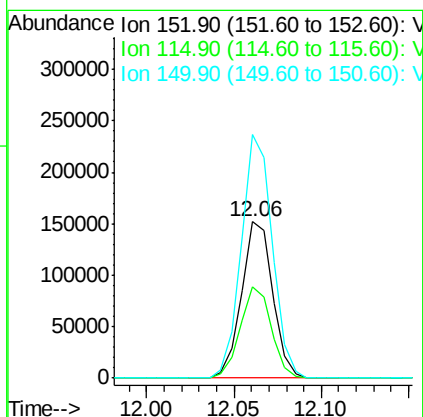
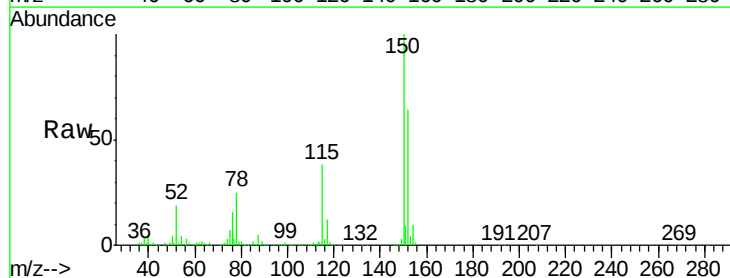
Instrument :
MSVOA_X
ClientSampleId :
LF012MW003-200602DL

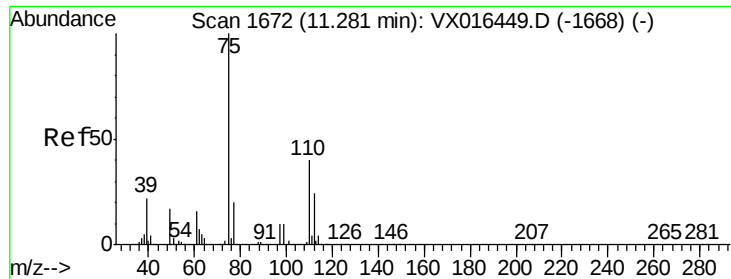
Tgt Ion:117 Resp: 345415
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.6
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016632.D
Acq: 08 Jun 2020 12:50

Tgt Ion:152 Resp: 187607
Ion Ratio Lower Upper
152 100
115 58.4 39.9 119.6
150 155.4 0.0 341.0

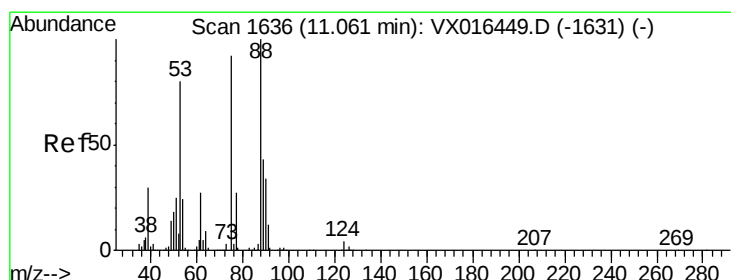
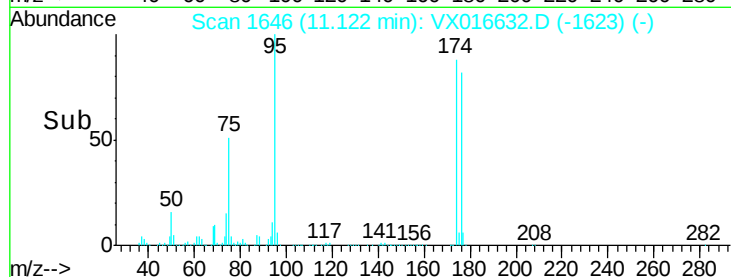
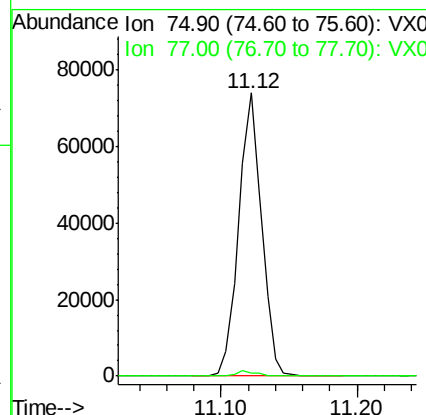
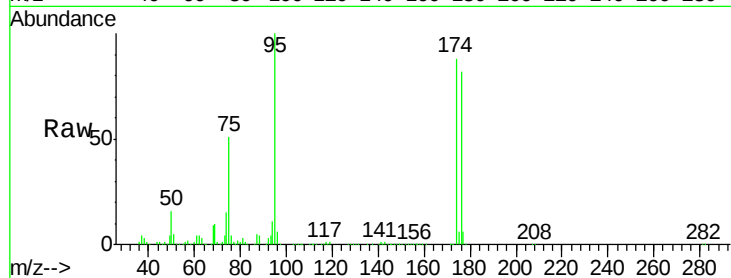




#76
 1,2,3-Trichloropropane
 Concen: 21.04 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016632.D
 Acq: 08 Jun 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW003-200602DL

Tgt Ion: 75 Resp: 86776
 Ion Ratio Lower Upper
 75 100
 77 1.7 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.76 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016632.D
 Acq: 08 Jun 2020 12:50

Tgt Ion: 75 Resp: 86776
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

