

Data File : VX016702.D
Acq On : 11 Jun 2020 14:26
Operator : JC/SP
Sample : L2977-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-2DL

Quant Time: Jun 12 06:55:39 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	200676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	323033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	121771	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.46	113	104070	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	8.70	98	392394	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	164091	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

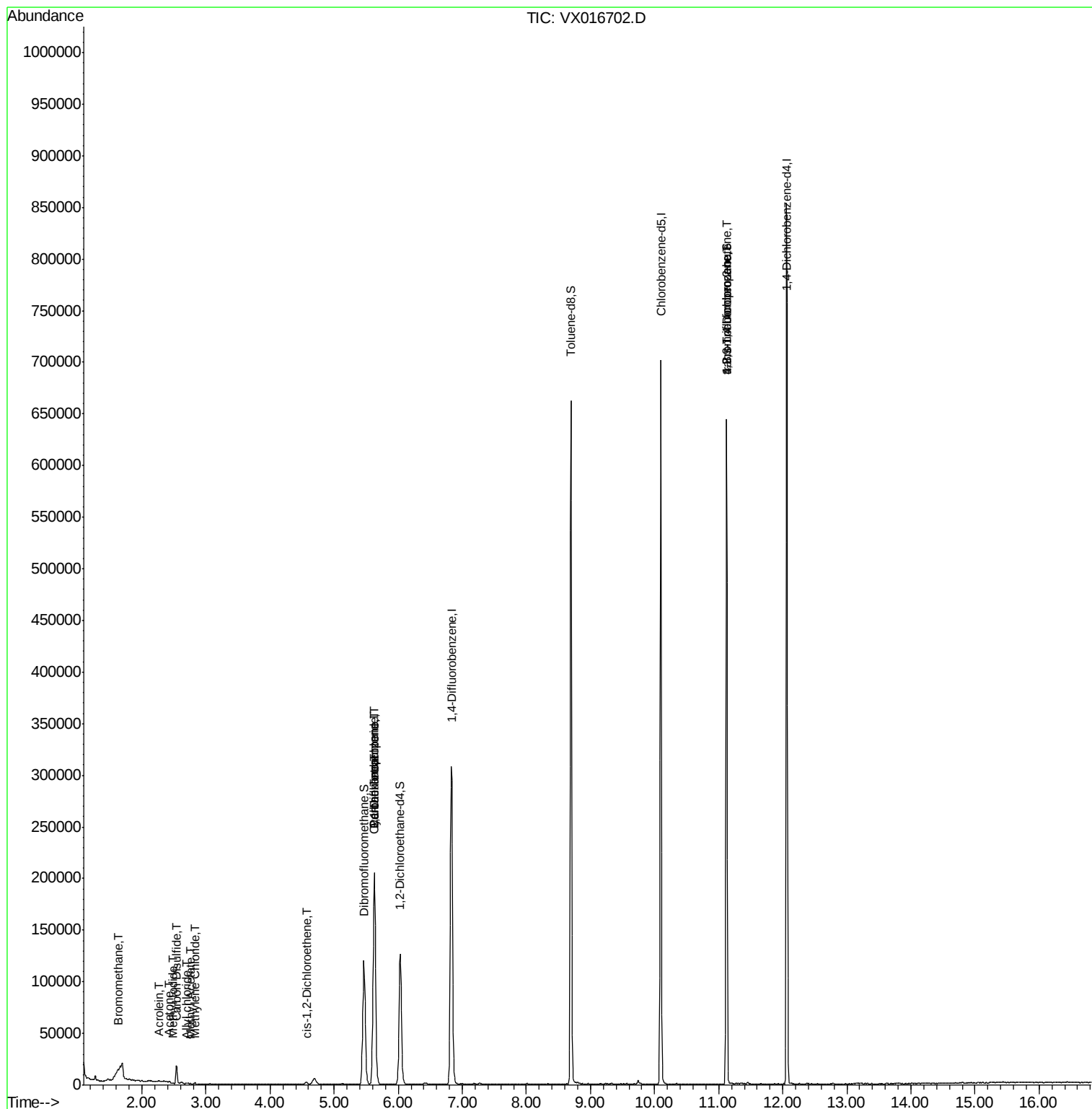
						Qvalue
5) Bromomethane	1.62	94	501	0.408	ug/l #	74
10) Methyl Iodide	2.48	142	378	3.218	ug/l #	86
13) Acrolein	2.27	56	236	0.868	ug/l #	1
14) Allyl chloride	2.70	41	779	0.219	ug/l #	43
16) Acetone	2.43	43	2593	2.375	ug/l	95
17) Carbon Disulfide	2.54	76	21993	3.835	ug/l	96
18) Methyl Acetate	2.75	43	646	0.231	ug/l #	71
20) Methylene Chloride	2.83	84	627	0.278	ug/l	88
27) cis-1,2-Dichloroethene	4.57	96	1462	0.592	ug/l	81
31) Cyclohexane	5.62	56	3643	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	13964	4.566	ug/l #	51
38) Carbon Tetrachloride	5.63	117	19691	6.126	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	79595	20.405	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	79595	50.192	ug/l #	14

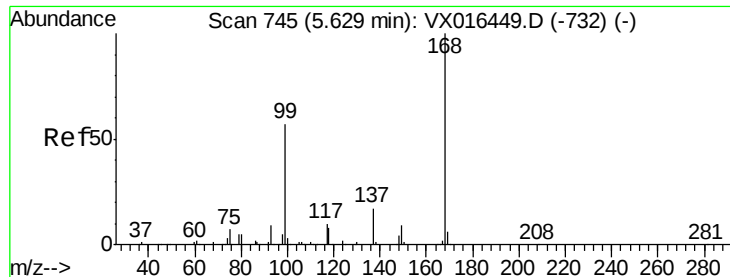
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

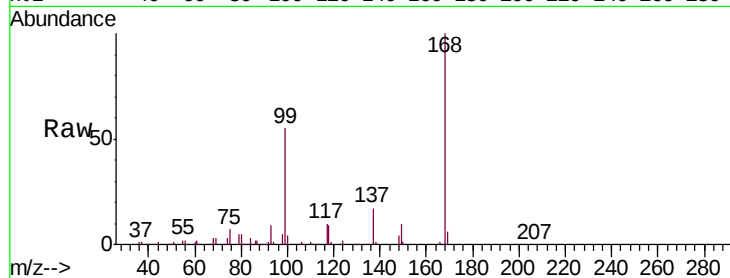
E-LGC-2DL

Tgt Ion:168 Resp: 200676

Ion Ratio Lower Upper

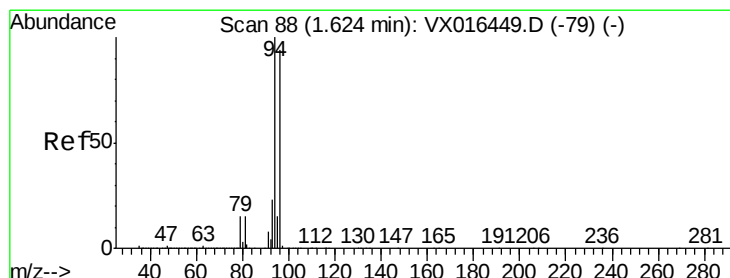
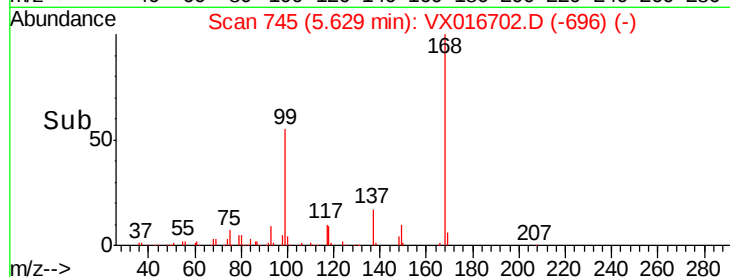
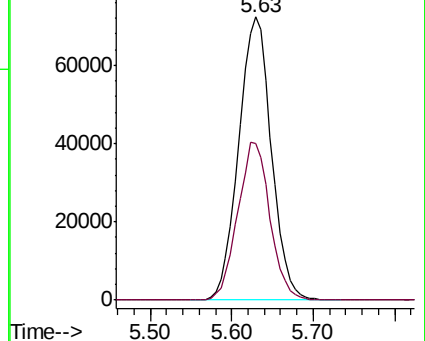
168 100

99 55.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.408 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016702.D

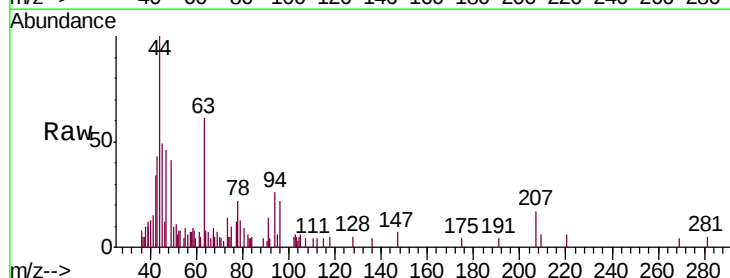
Acq: 11 Jun 2020 14:26

Tgt Ion: 94 Resp: 501

Ion Ratio Lower Upper

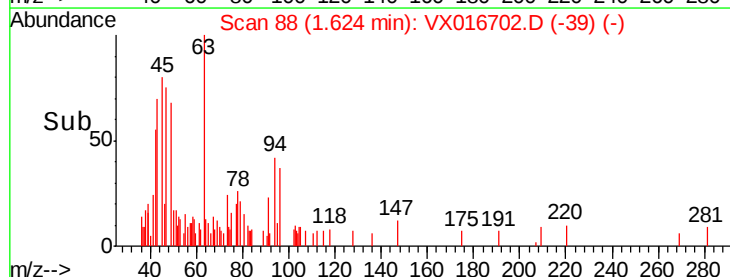
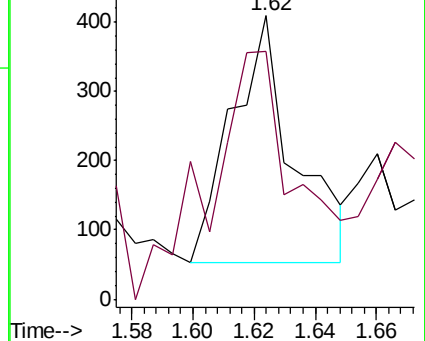
94 100

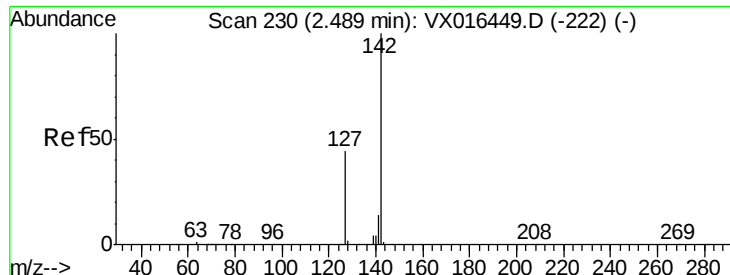
96 68.5 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

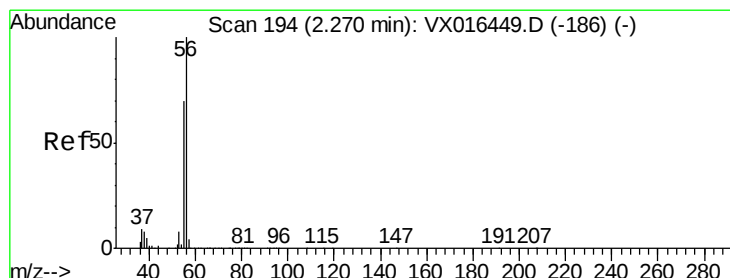
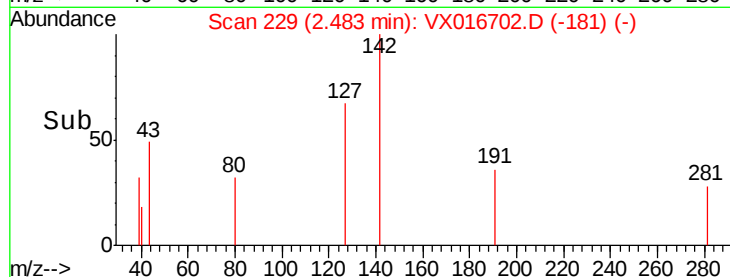
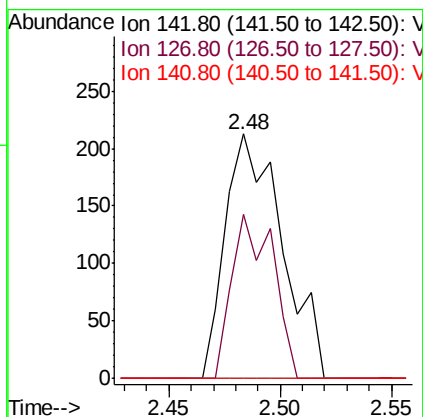
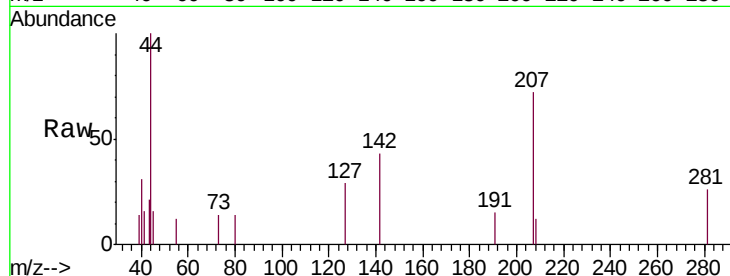




#10
Methyl Iodide
Concen: 3.218 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

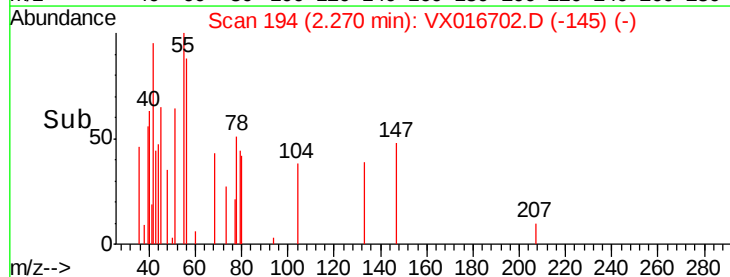
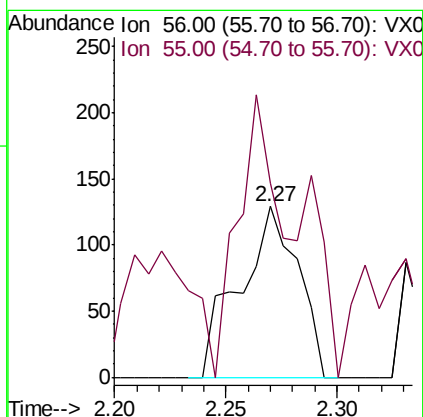
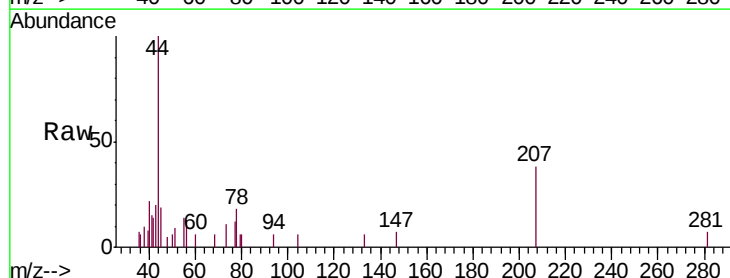
Instrument :
MSVOA_X
ClientSampled :
E-LGC-2DL

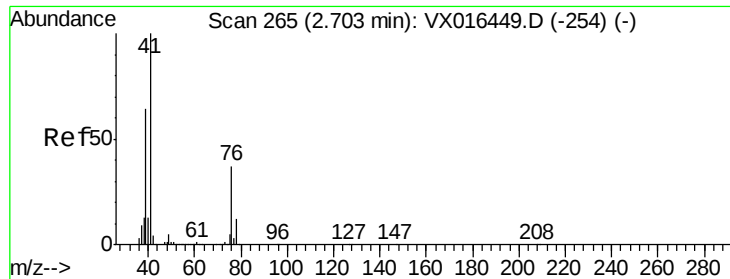
Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
142 100
127 48.9 35.3 52.9
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.868 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

Tgt Ion: 56 Resp: 236
Ion Ratio Lower Upper
56 100
55 164.0 58.3 87.5#

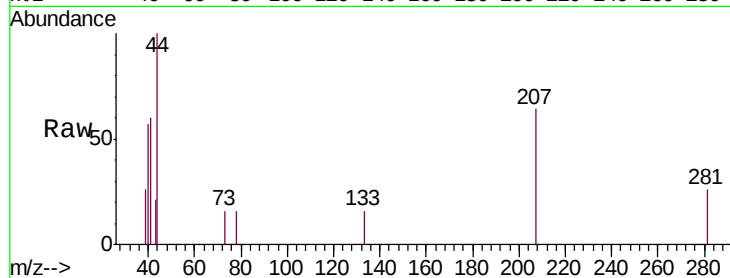




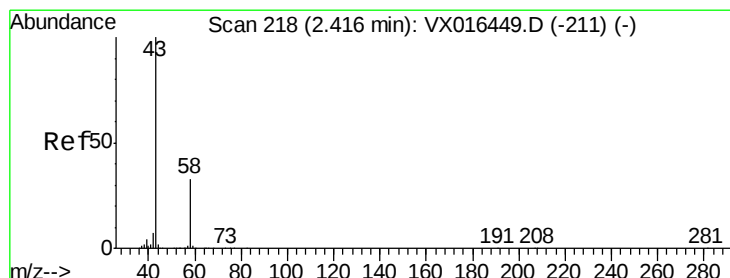
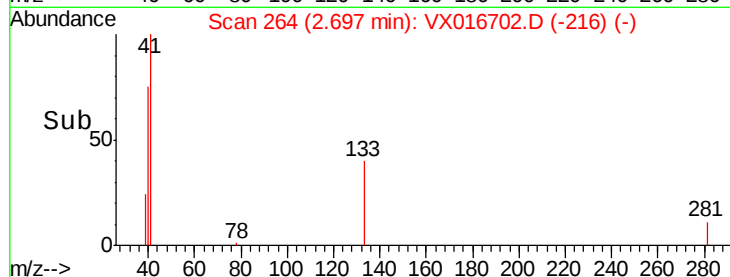
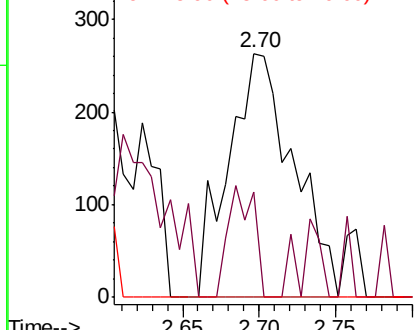
#14
 Allyl chloride
 Concen: 0.219 ug/l
 RT: 2.70 min Scan# 264
 Delta R.T. -0.01 min
 Lab File: VX016702.D
 Acq: 11 Jun 2020 14:26

Instrument :
 MSVOA_X
 ClientSampled :
 E-LGC-2DL

Tgt Ion: 41 Resp: 779
 Ion Ratio Lower Upper
 41 100
 39 17.8 47.7 71.5#
 76 0.0 26.6 40.0#

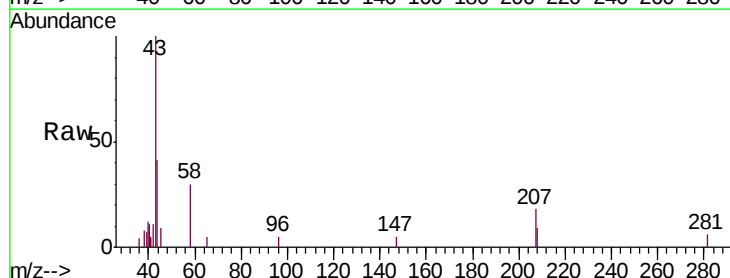


Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0
 Ion 75.90 (75.60 to 76.60): VX0

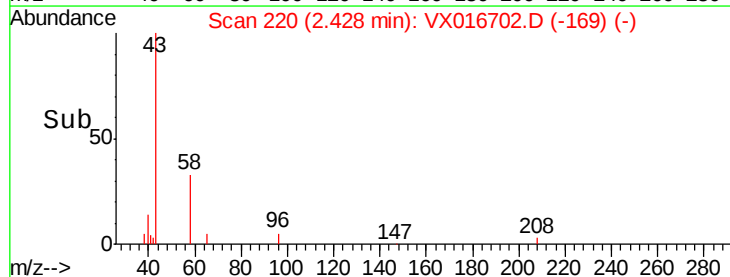
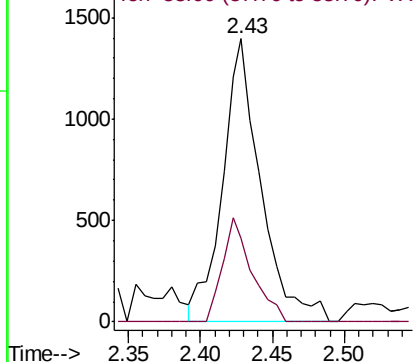


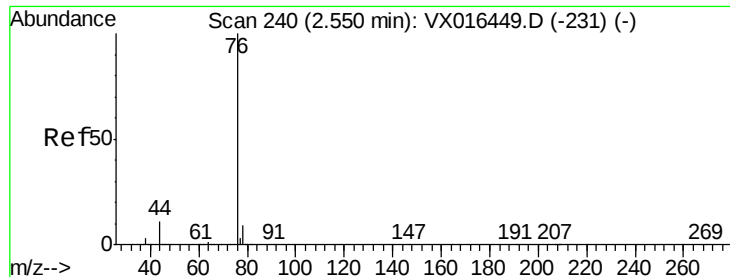
#16
 Acetone
 Concen: 2.375 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX016702.D
 Acq: 11 Jun 2020 14:26

Tgt Ion: 43 Resp: 2593
 Ion Ratio Lower Upper
 43 100
 58 29.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

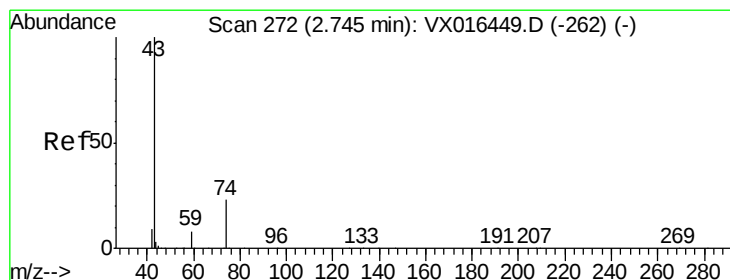
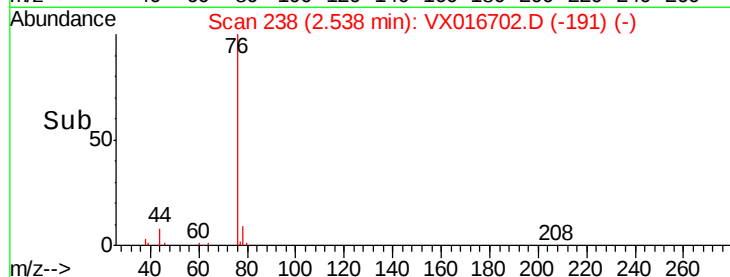
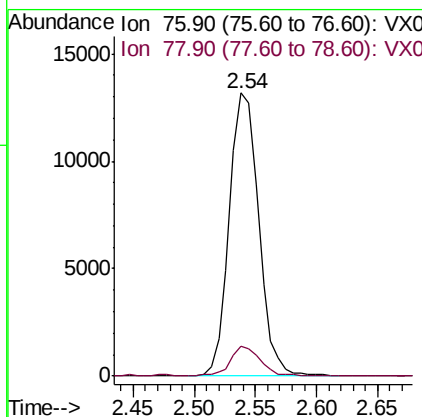
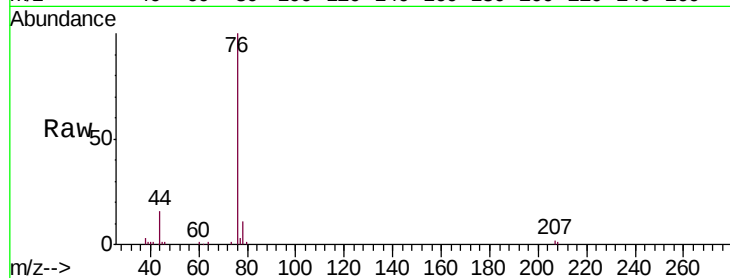




#17
Carbon Disulfide
Concen: 3.835 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

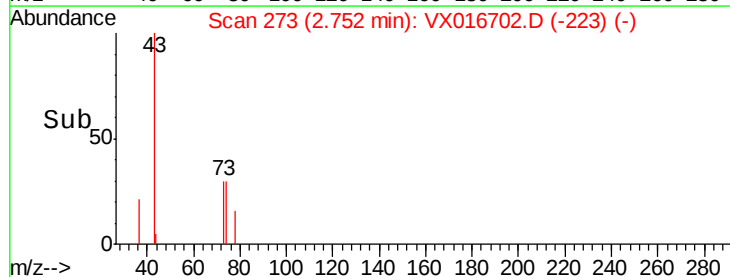
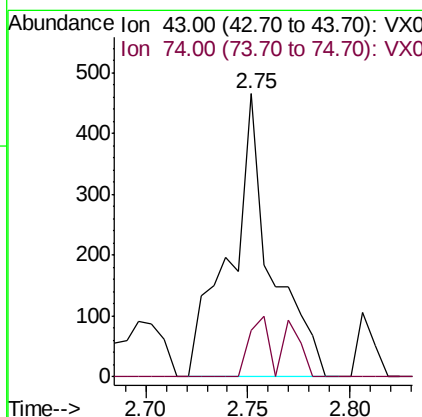
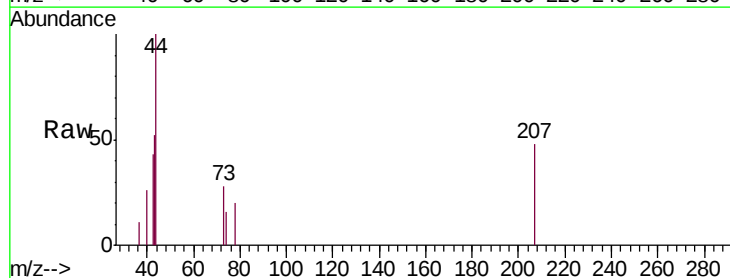
Instrument :
MSVOA_X
ClientSampled :
E-LGC-2DL

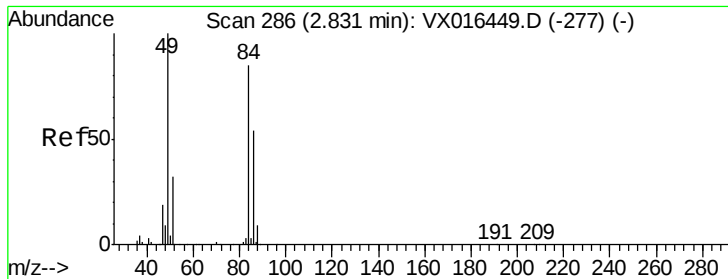
Tgt Ion: 76 Resp: 21993
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
74 9.9 19.7 29.5#

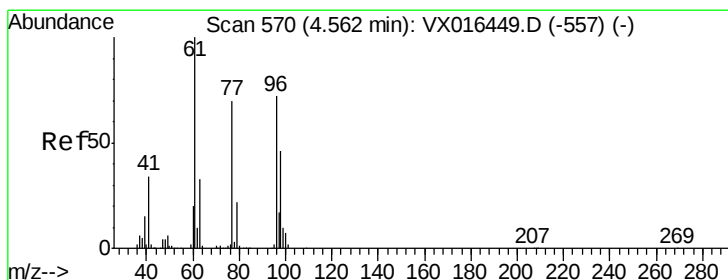
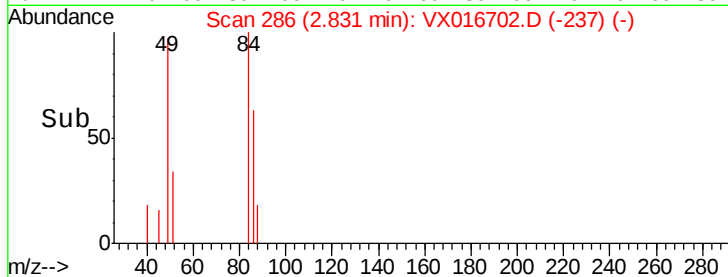
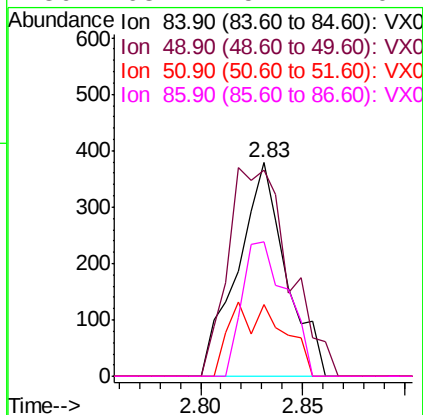
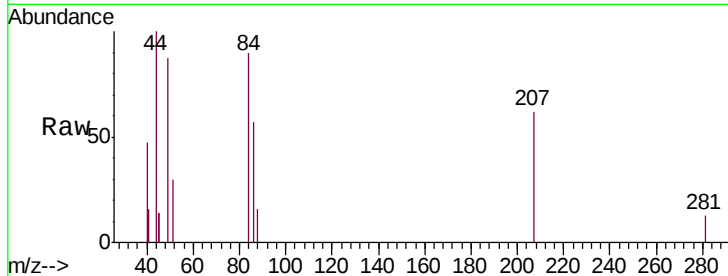




#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

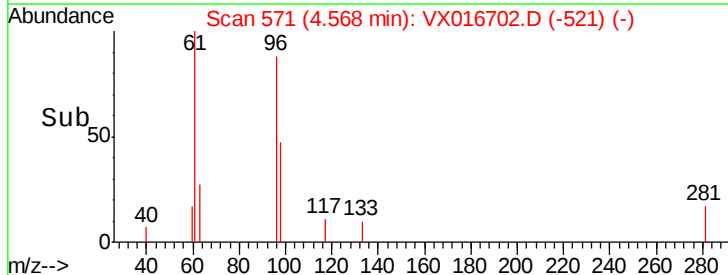
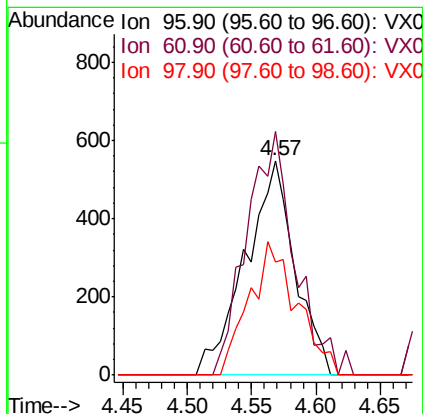
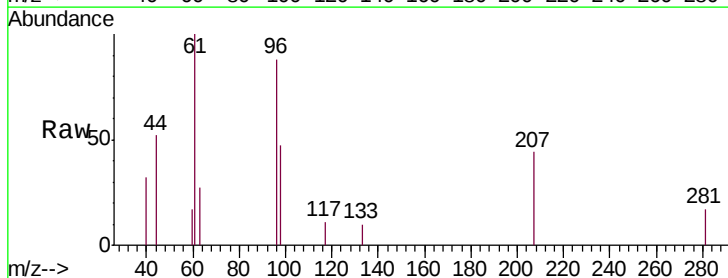
Instrument :
MSVOA_X
ClientSampleId :
E-LGC-2DL

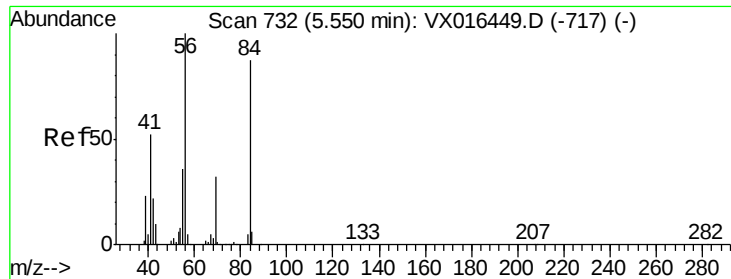
Tgt Ion:	84	Resp:	627
Ion	Ratio	Lower	Upper
84	100		
49	96.6	94.5	141.7
51	33.8	30.2	45.4
86	63.1	51.1	76.7



#27
cis-1,2-Dichloroethene
Concen: 0.592 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

Tgt Ion:	96	Resp:	1462
Ion	Ratio	Lower	Upper
96	100		
61	111.0	0.0	284.6
98	60.1	0.0	127.2

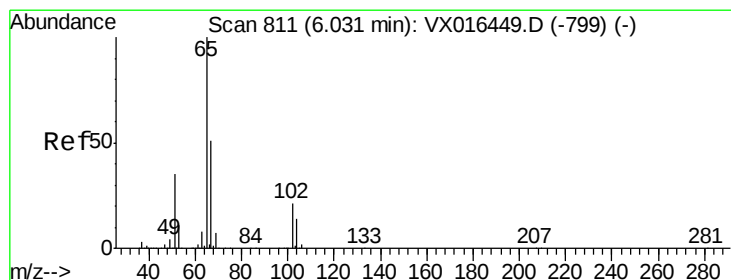
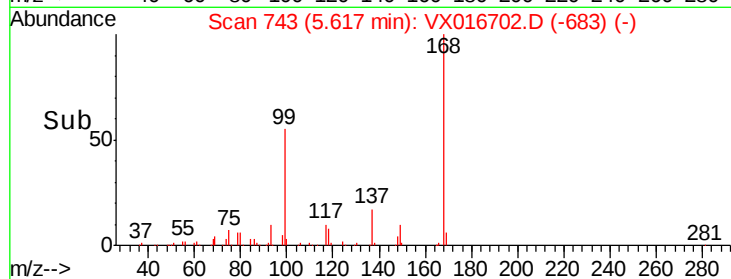
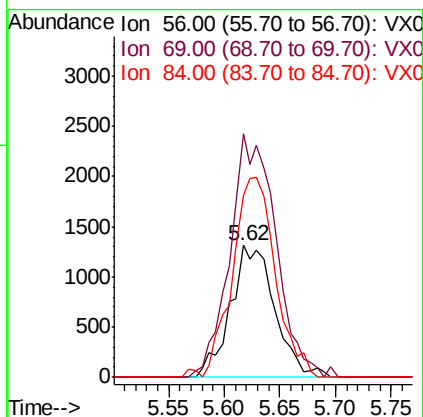
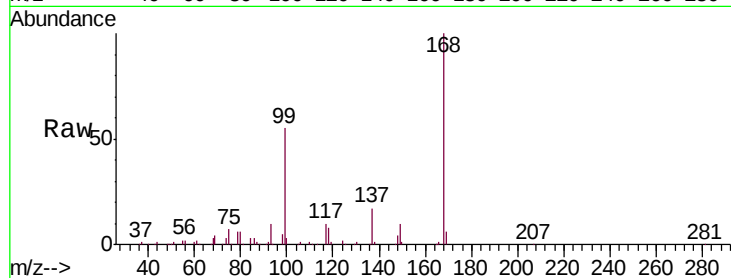




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.07 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

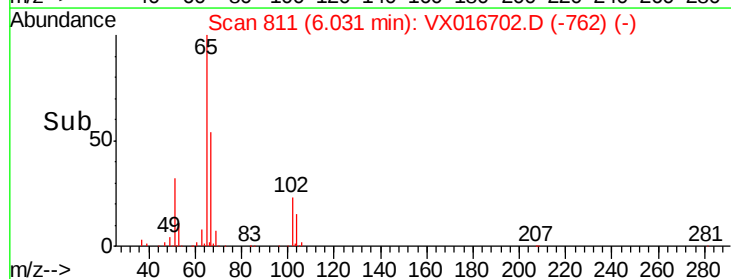
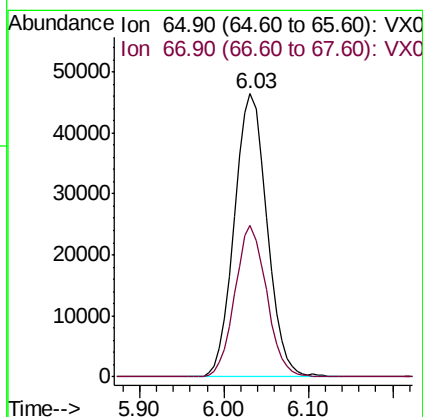
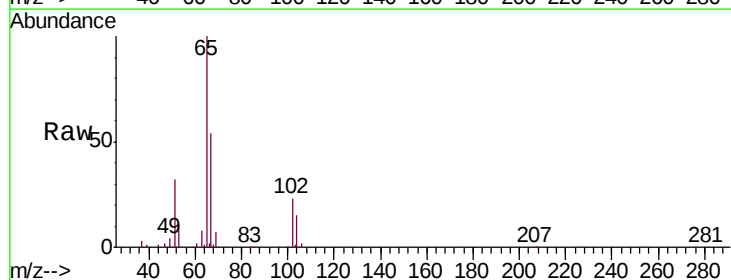
Instrument :
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ClientSampleId :
E-LGC-2DL

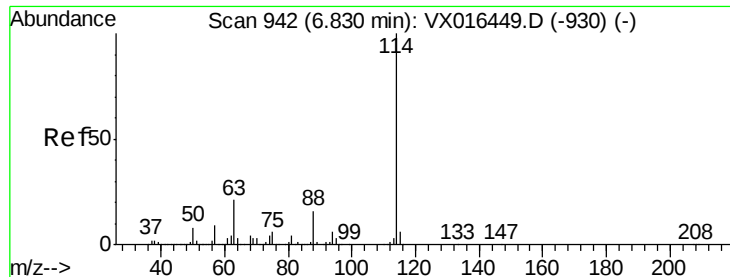
Tgt Ion: 56 Resp: 3643
Ion Ratio Lower Upper
56 100
69 184.3 25.7 38.5#
84 138.3 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.862 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

Tgt Ion: 65 Resp: 121771
Ion Ratio Lower Upper
65 100
67 51.7 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: VX016702.D

Acq: 11 Jun 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-2DL

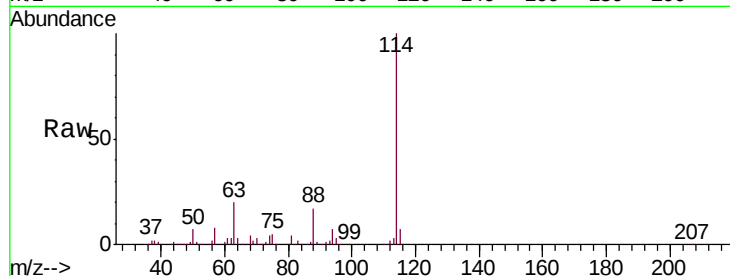
Tgt Ion:114 Resp: 323033

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

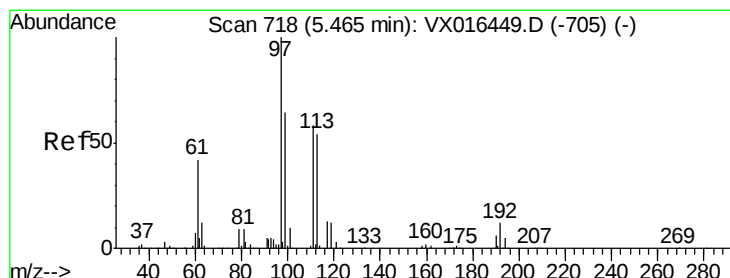
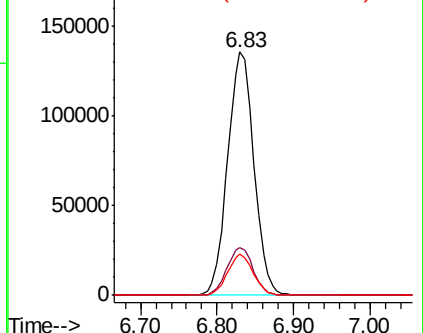
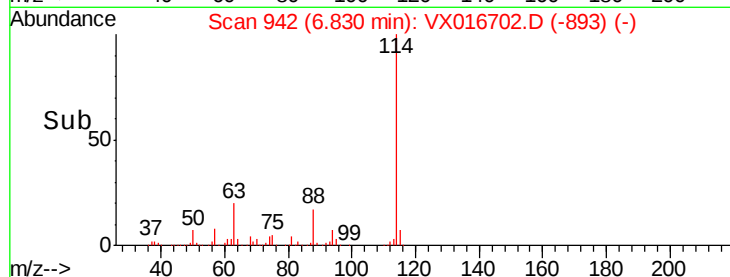
88 16.7 0.0 32.8



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: 52.321 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

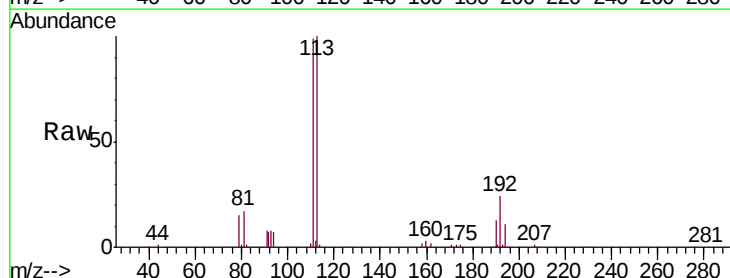
Tgt Ion:113 Resp: 104070

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

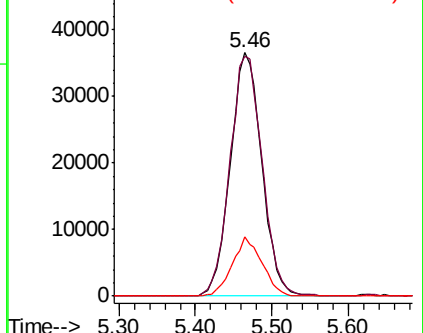
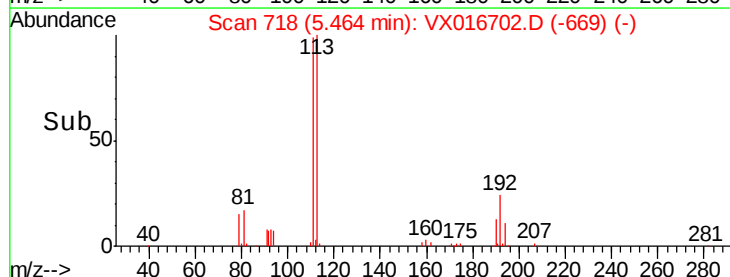
192 22.9 17.7 26.5

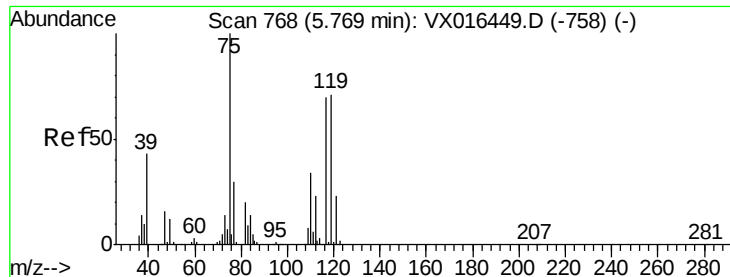


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

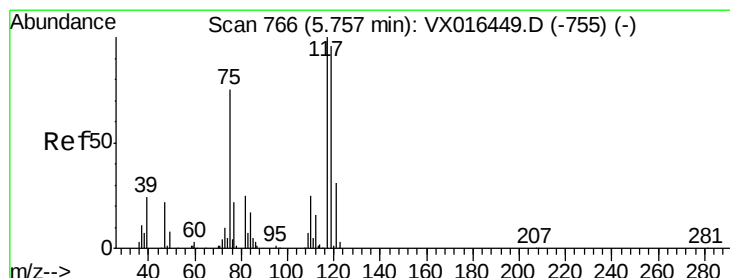
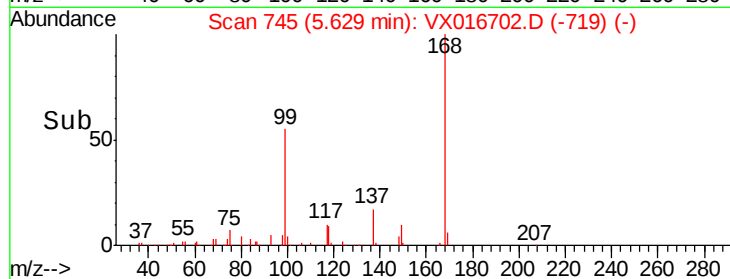
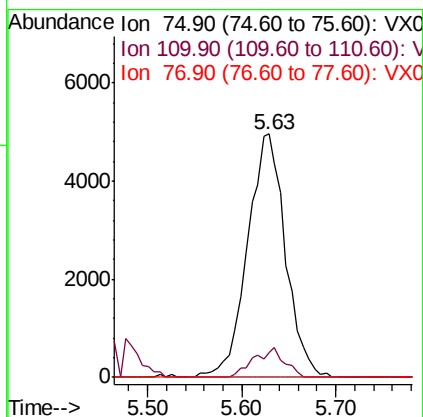
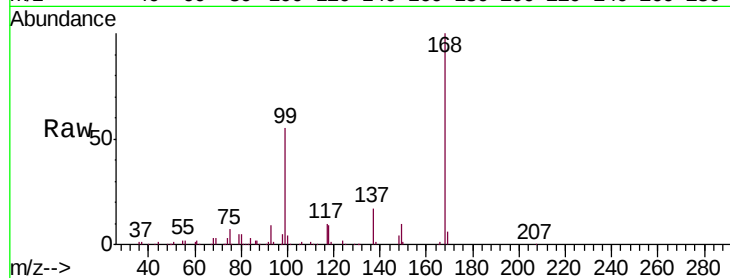




#36
 1,1-Dichloropropene
 Concen: 4.566 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016702.D
 Acq: 11 Jun 2020 14:26

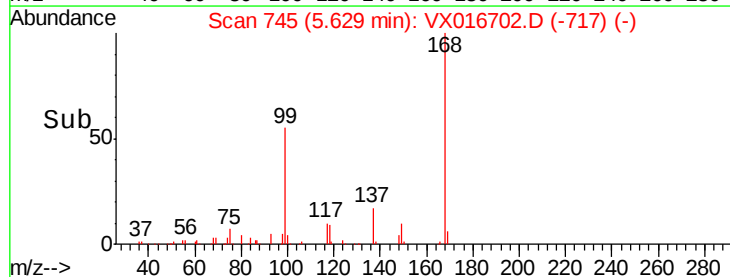
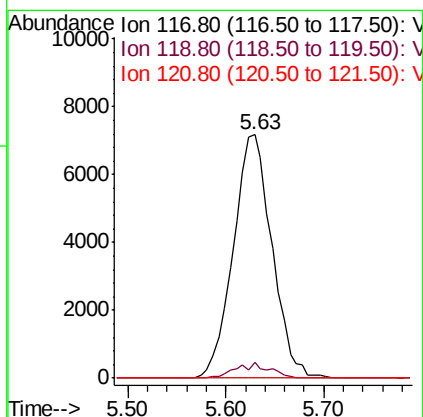
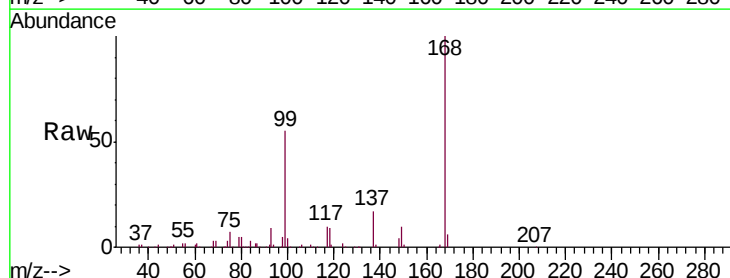
Instrument :
 MSVOA_X
 ClientSampleId :
 E-LGC-2DL

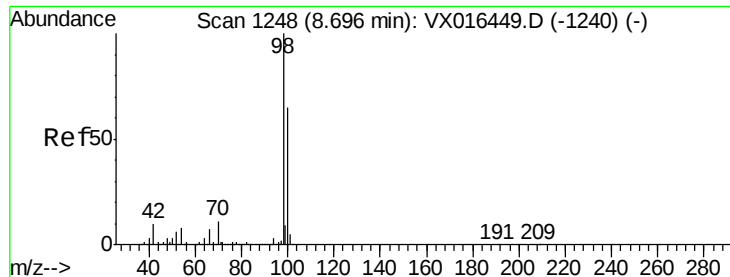
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.3#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.126 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016702.D
 Acq: 11 Jun 2020 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.0	24.6	37.0#





#50

Toluene-d8

Concen: 50.685 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

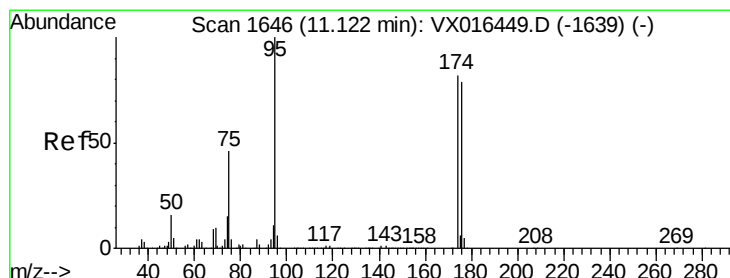
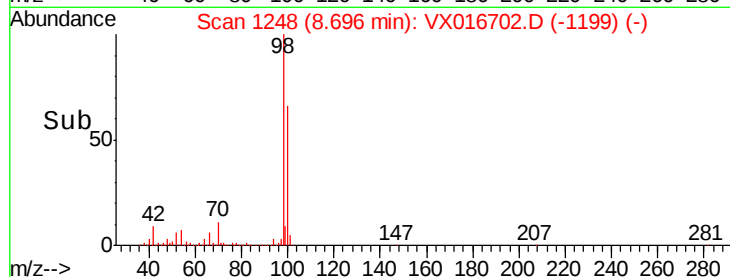
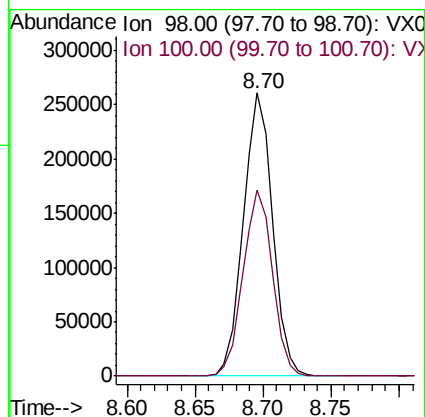
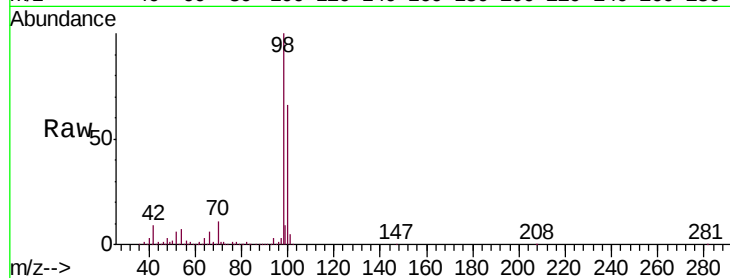
E-LGC-2DL

Tgt Ion: 98 Resp: 392394

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.854 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

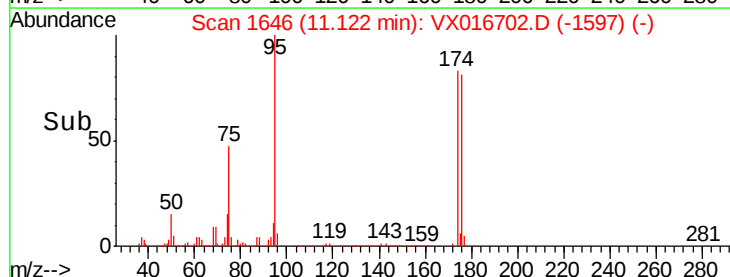
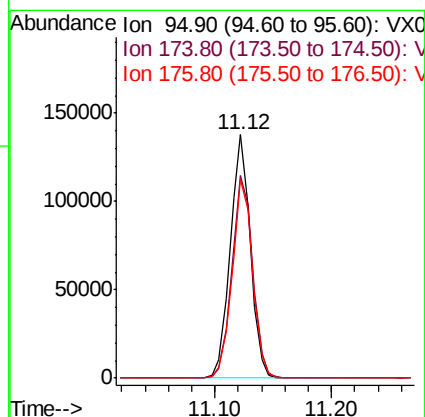
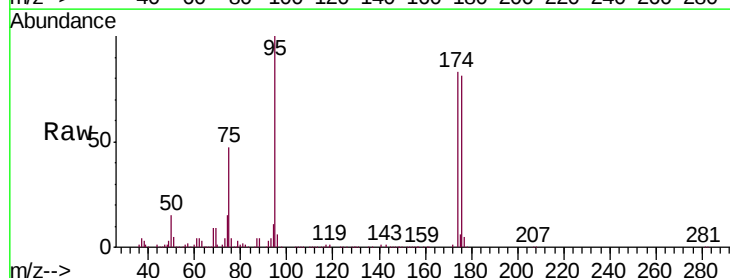
Tgt Ion: 95 Resp: 164091

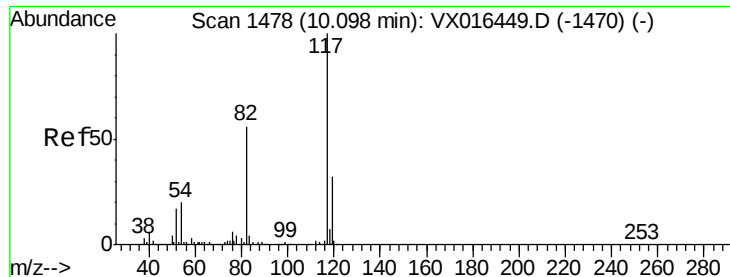
Ion Ratio Lower Upper

95 100

174 86.7 0.0 163.0

176 83.2 0.0 156.8

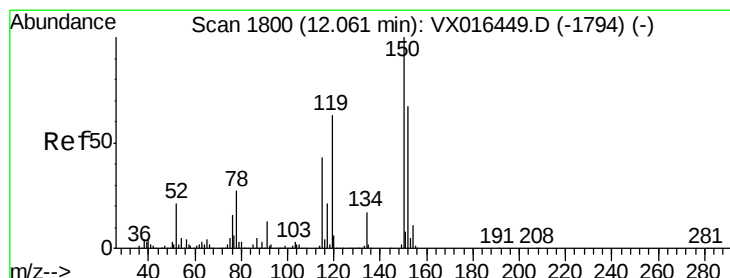
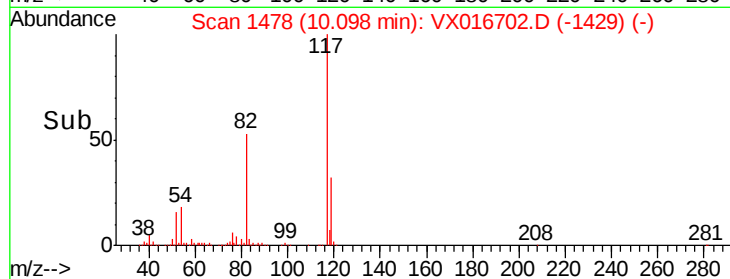
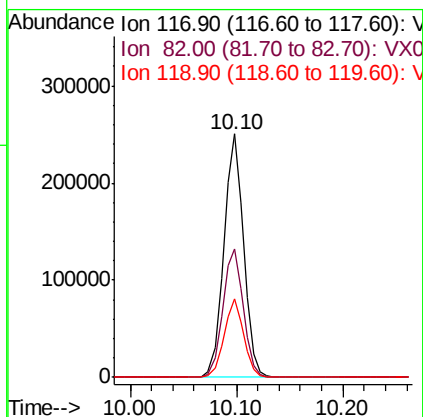
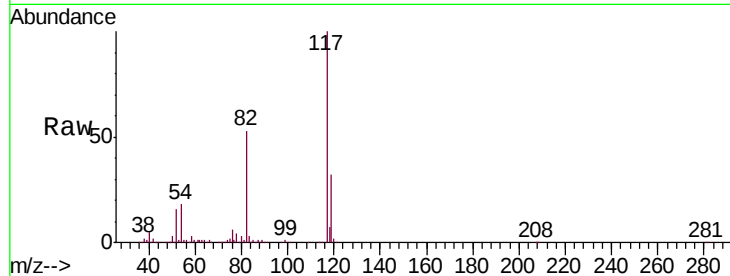




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

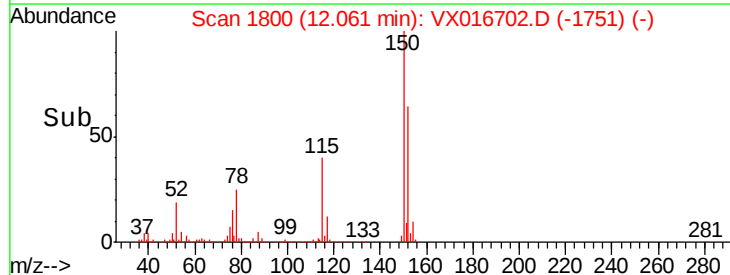
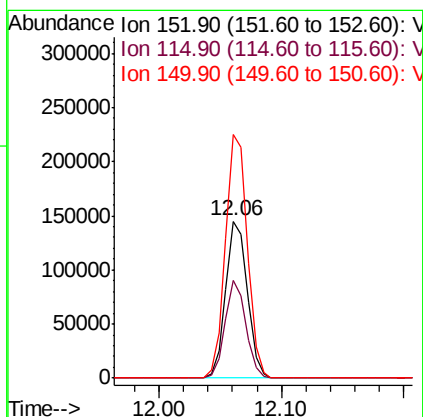
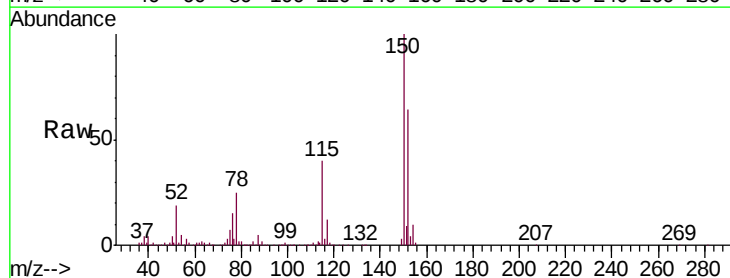
Instrument :
MSVOA_X
ClientSampleId :
E-LGC-2DL

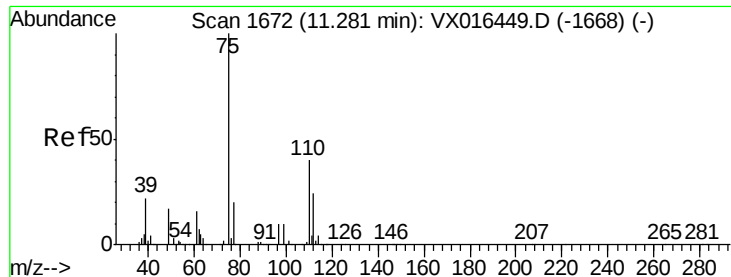
Tgt Ion:117 Resp: 324785
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016702.D
Acq: 11 Jun 2020 14:26

Tgt Ion:152 Resp: 177468
Ion Ratio Lower Upper
152 100
115 59.9 39.9 119.6
150 156.6 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 20.405 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

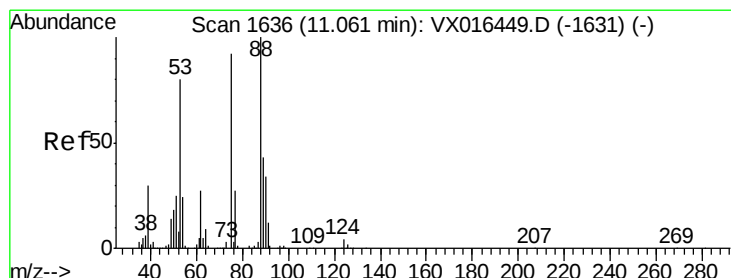
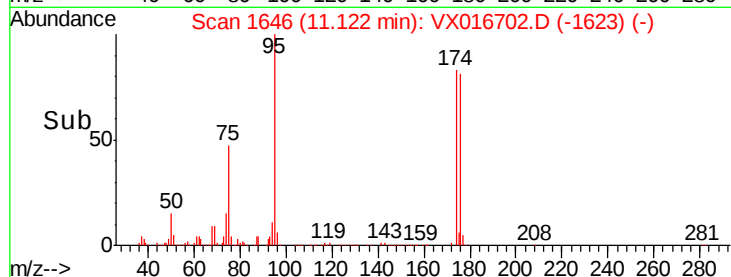
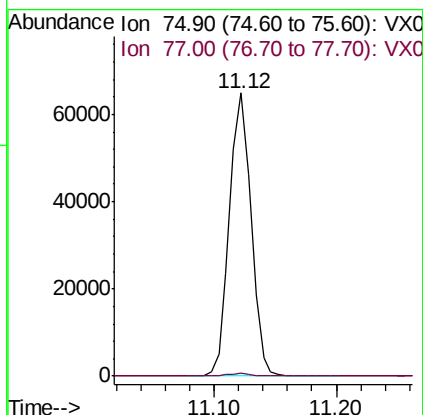
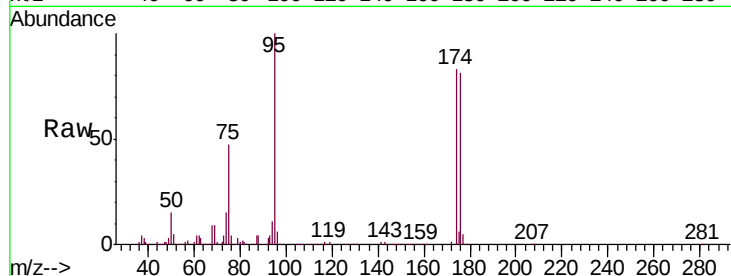
E-LGC-2DL

Tgt Ion: 75 Resp: 79595

Ion Ratio Lower Upper

75 100

77 1.2 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.192 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016702.D

Acq: 11 Jun 2020 14:26

Tgt Ion: 75 Resp: 79595

Ion Ratio Lower Upper

75 100

53 0.2 71.3 106.9#

89 0.0 36.6 55.0#

