

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022363.D
 Acq On : 03 Jun 2021 14:02
 Operator : JC/MD
 Sample : M2572-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20210528DL

Quant Time: Jun 04 03:50:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

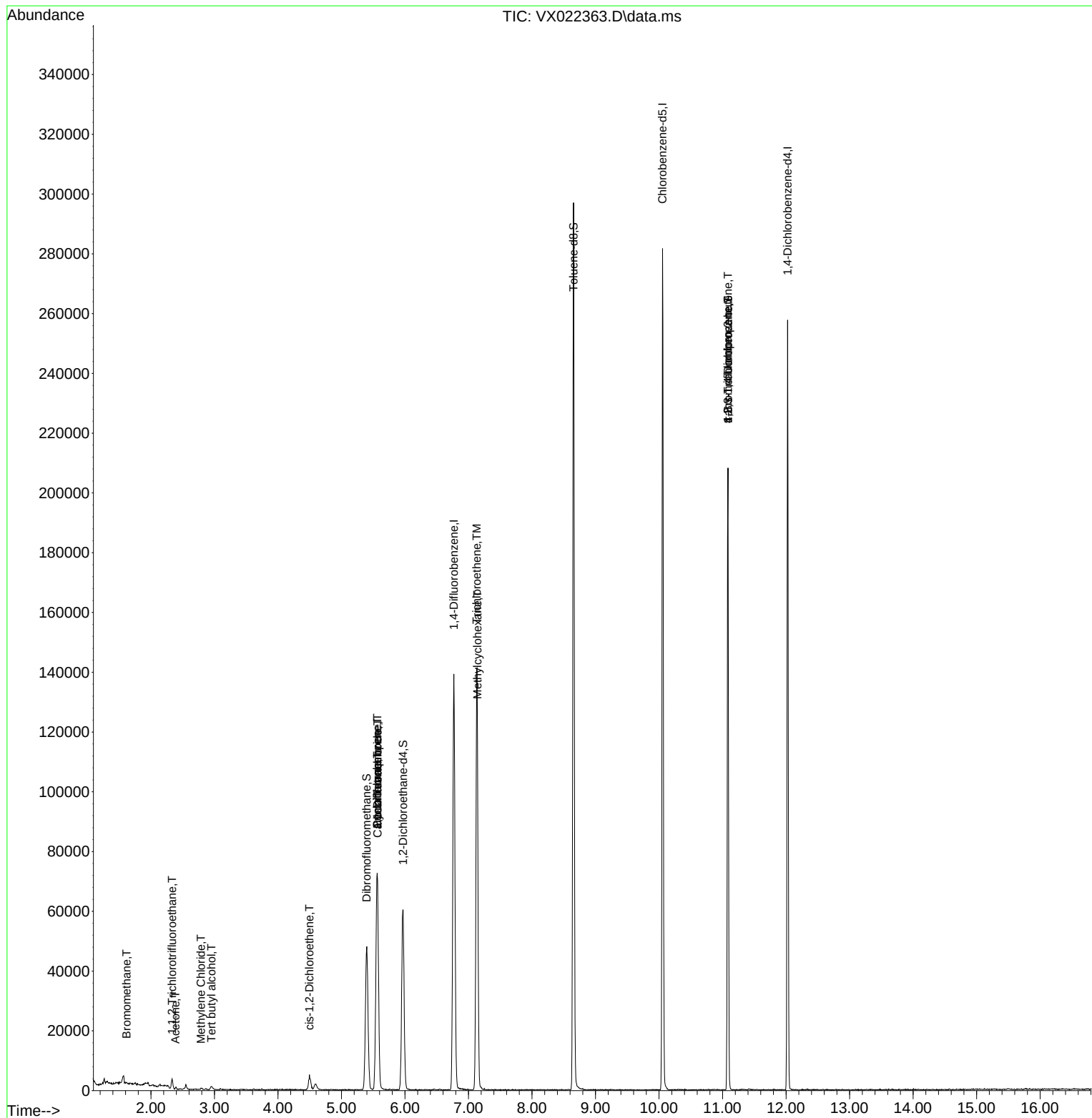
Internal Standards						
1) Pentafluorobenzene	5.562	168	63653	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56273	57.31	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.62%
35) Dibromofluoromethane	5.397	113	41072	47.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.22%
50) Toluene-d8	8.653	98	169093	50.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.70%
62) 4-Bromofluorobenzene	11.085	95	59782	48.16	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.32%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	173	0.34	ug/l	# 60
9) 1,1,2-Trichlorotrifluo...	2.331	101	1355	1.80	ug/l	# 85
11) Tert butyl alcohol	2.953	59	779	3.47	ug/l	# 73
16) Acetone	2.386	43	716	1.67	ug/l	93
20) Methylene Chloride	2.788	84	225	0.24	ug/l	# 51
27) cis-1,2-Dichloroethene	4.495	96	2807	2.91	ug/l	90
31) Cyclohexane	5.562	56	1832	1.48	ug/l	# 6
36) 1,1-Dichloropropene	5.562	75	5838	4.59	ug/l	# 49
38) Carbon Tetrachloride	5.568	117	7234	5.82	ug/l	# 17
39) Methylcyclohexane	7.141	83	506	0.35	ug/l	# 1
44) Trichloroethene	7.129	130	51601	53.09	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	31014	26.52	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	31014	62.83	ug/l	# 12

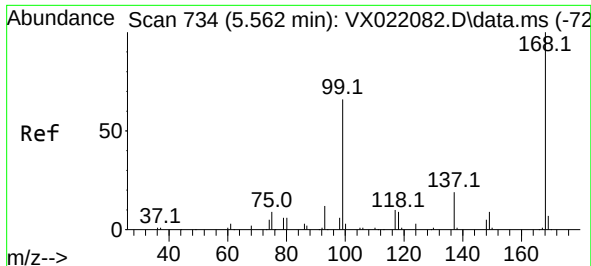
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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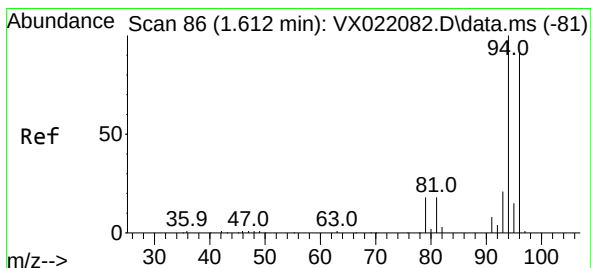
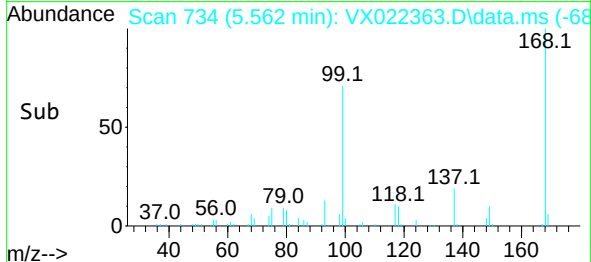
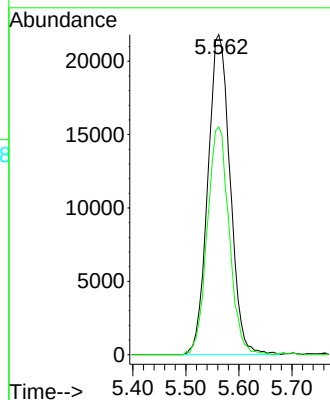
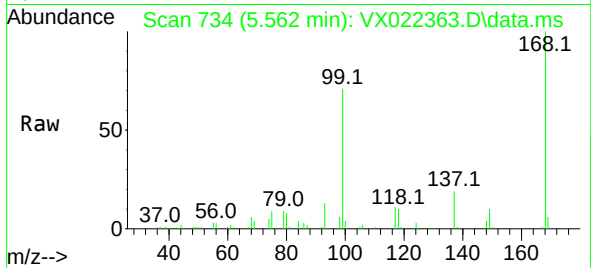




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

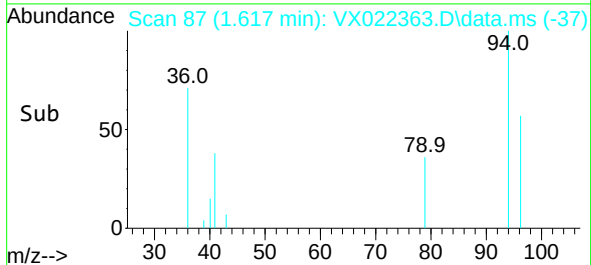
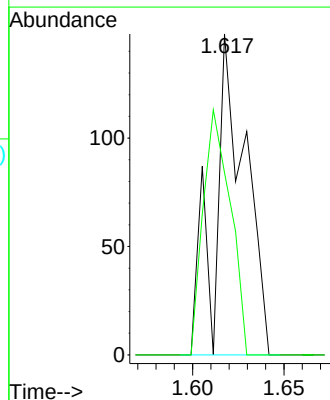
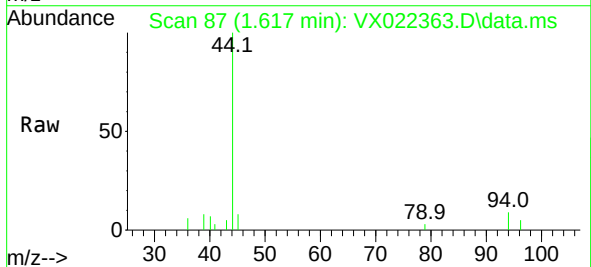
Instrument :
MSVOA_X
ClientSampleId :
08BR-20210528DL

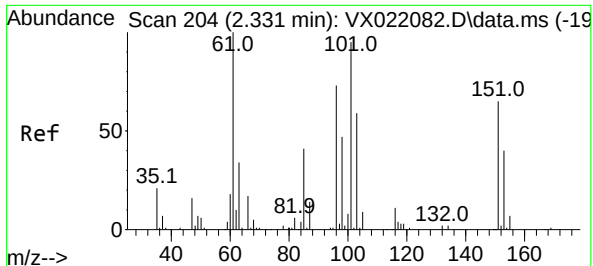
Tgt Ion:168 Resp: 63653
Ion Ratio Lower Upper
168 100
99 71.2 45.8 68.6#



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 56.8 76.4 114.6#

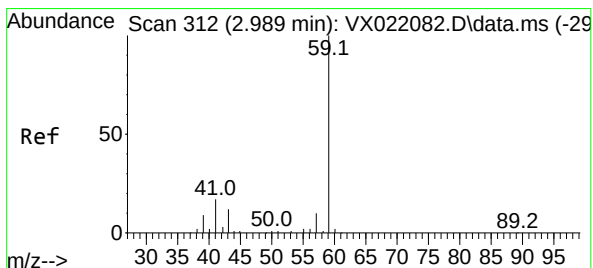
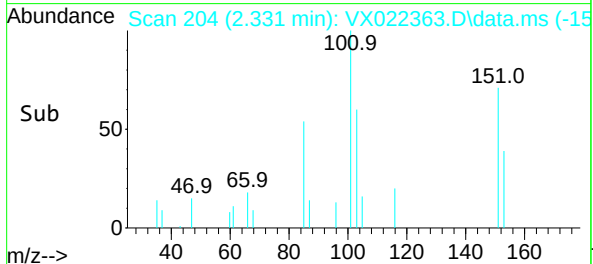
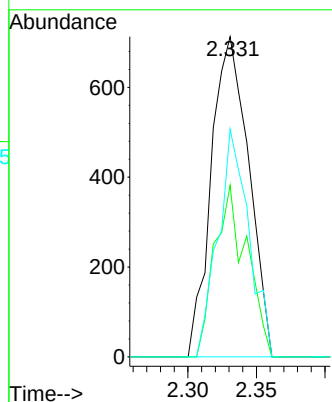
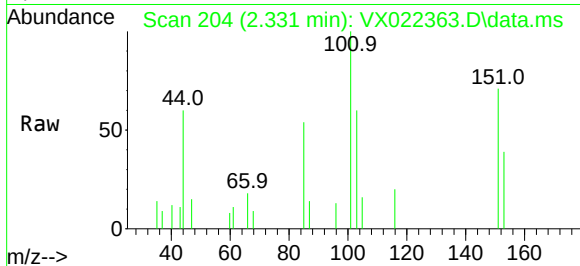




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.80 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

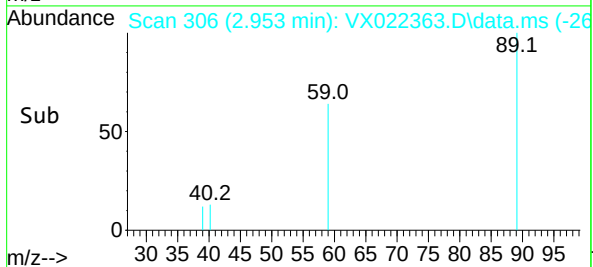
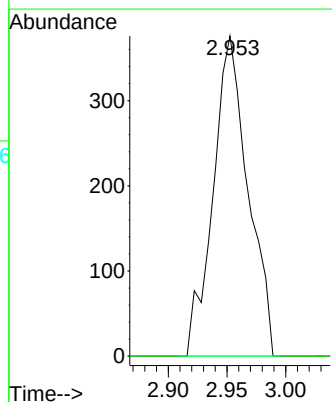
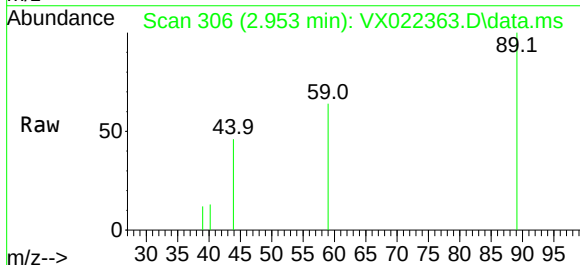
Instrument :
MSVOA_X
ClientSampleId :
08BR-20210528DL

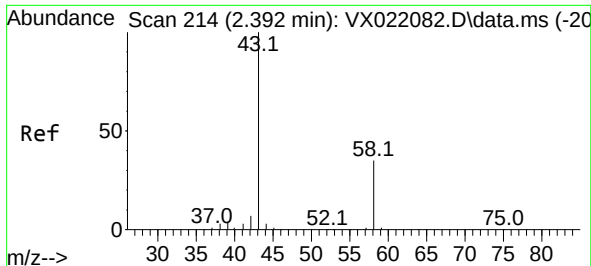
Tgt Ion:101 Resp: 1355
Ion Ratio Lower Upper
101 100
85 46.1 34.9 52.3
151 58.3 61.4 92.2#



#11
Tert butyl alcohol
Concen: 3.47 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

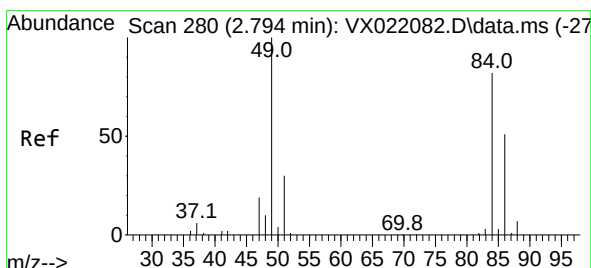
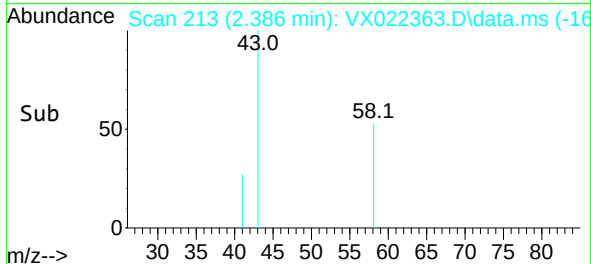
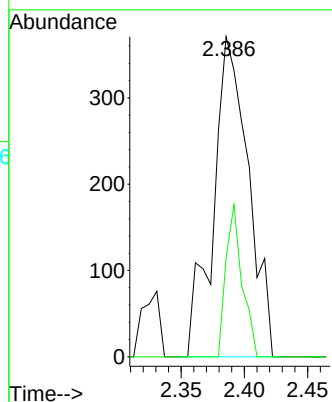
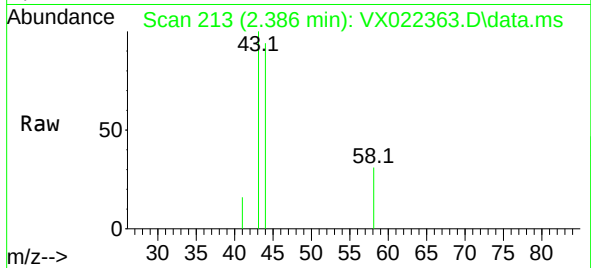




#16
Acetone
Concen: 1.67 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

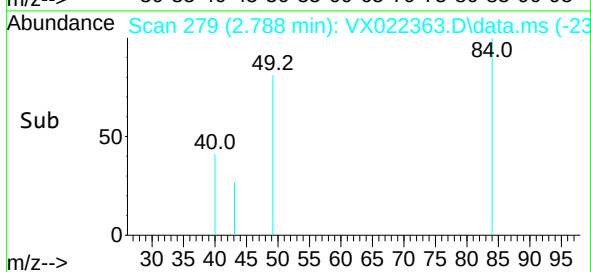
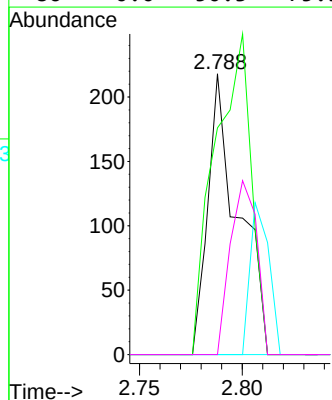
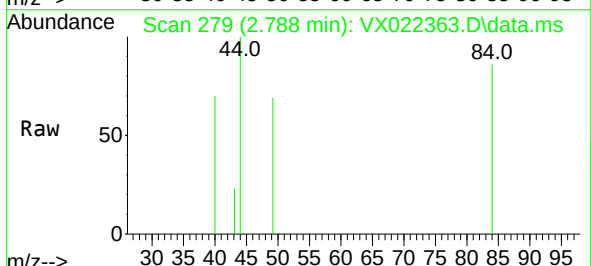
Instrument :
MSVOA_X
ClientSampleId :
08BR-20210528DL

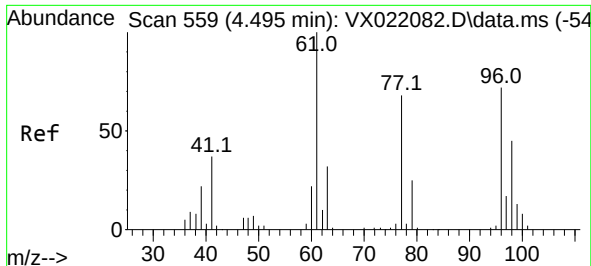
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 80.7 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 2.91 ug/l

RT: 4.495 min Scan# 559

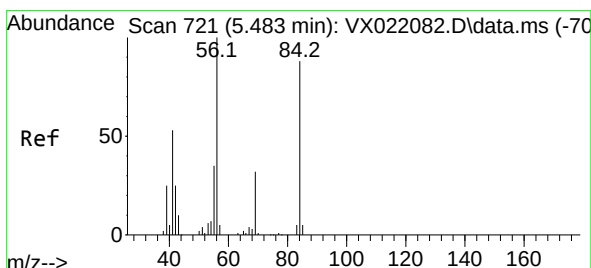
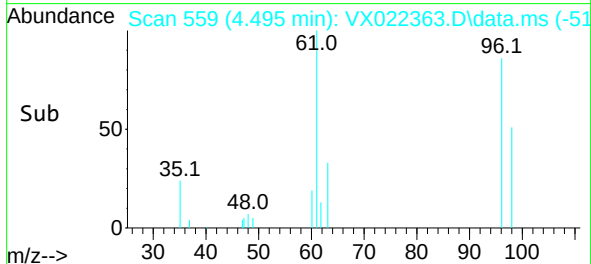
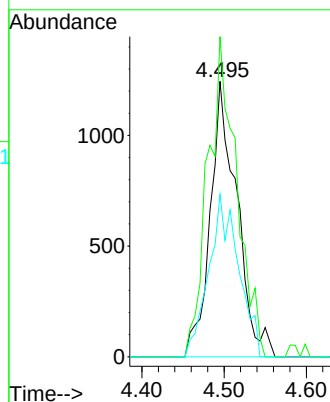
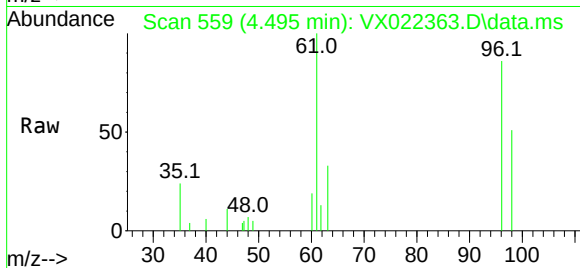
Delta R.T. -0.000 min

Lab File: VX022363.D

Acq: 03 Jun 2021 14:02

Tgt Ion: 96 Resp: 2807

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	285.6
98	65.6	0.0	129.6



#31

Cyclohexane

Concen: 1.48 ug/l

RT: 5.562 min Scan# 734

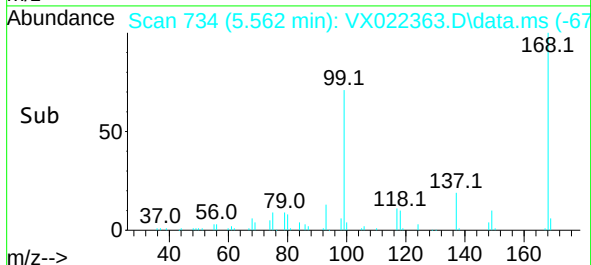
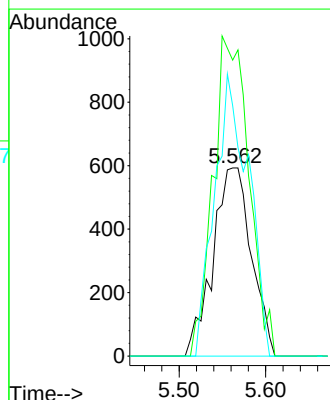
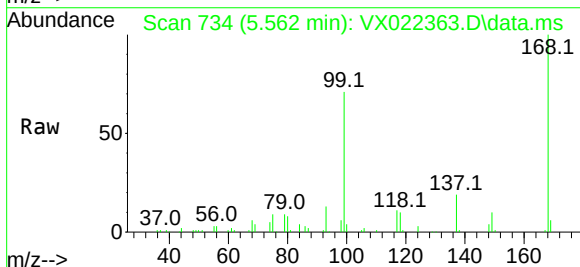
Delta R.T. 0.079 min

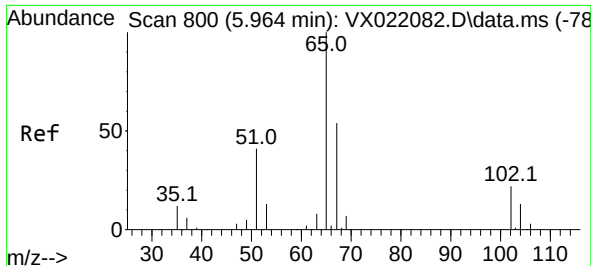
Lab File: VX022363.D

Acq: 03 Jun 2021 14:02

Tgt Ion: 56 Resp: 1832

Ion	Ratio	Lower	Upper
56	100		
69	157.3	25.3	37.9#
84	133.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 57.31 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022363.D

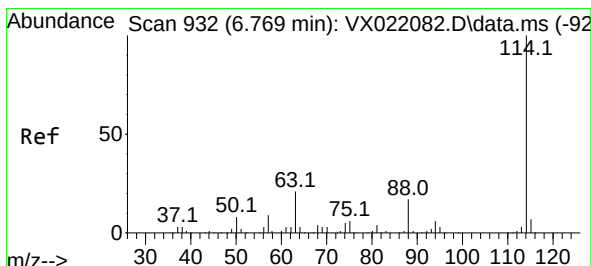
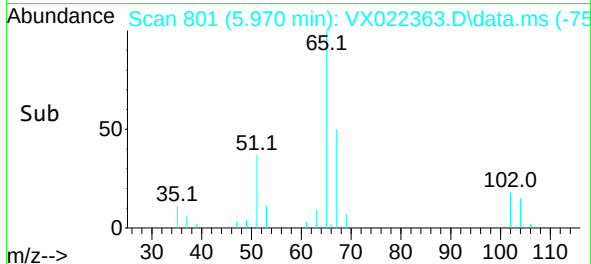
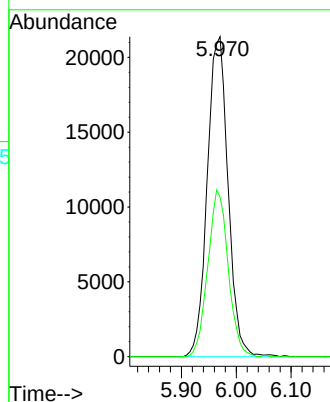
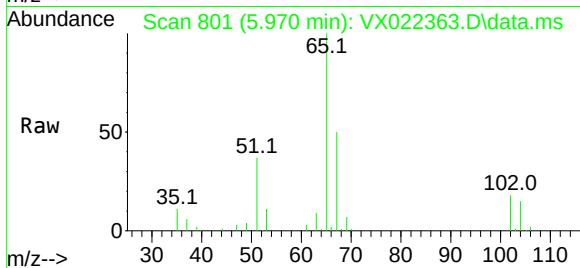
Acq: 03 Jun 2021 14:02

Tgt Ion: 65 Resp: 56273

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022363.D

Acq: 03 Jun 2021 14:02

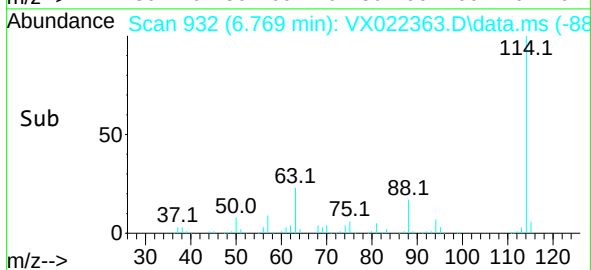
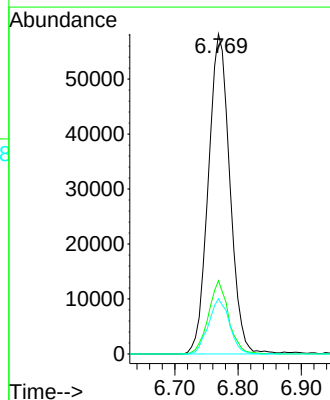
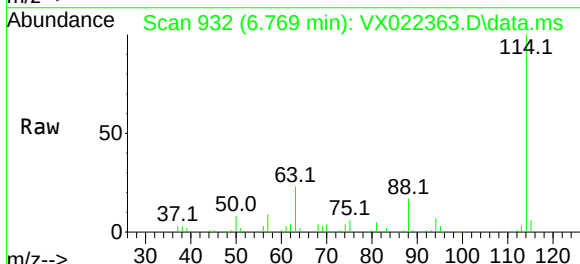
Tgt Ion: 114 Resp: 137487

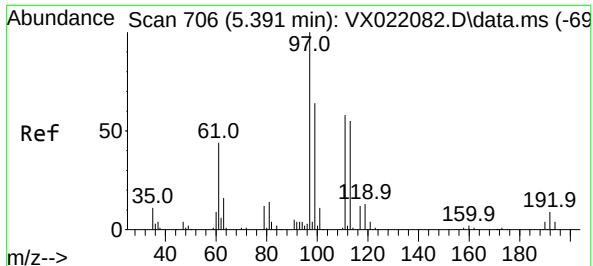
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.11 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022363.D

Acq: 03 Jun 2021 14:02

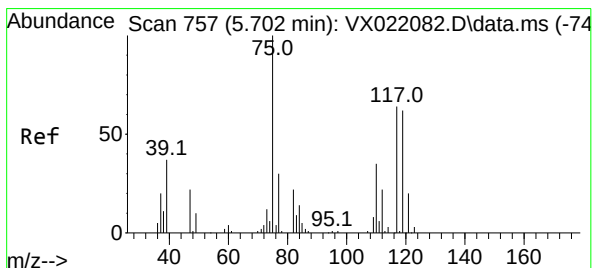
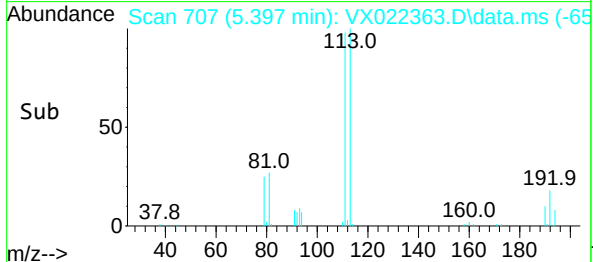
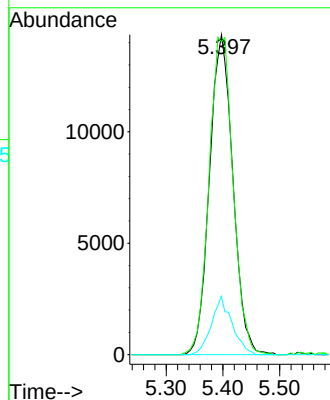
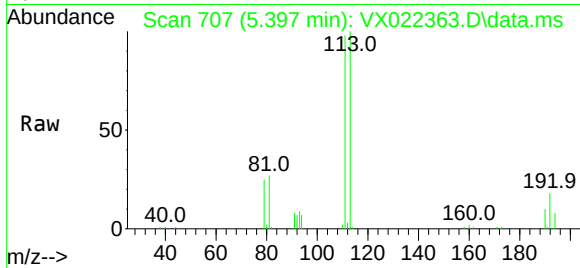
Tgt Ion:113 Resp: 41072

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 16.1 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.59 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022363.D

Acq: 03 Jun 2021 14:02

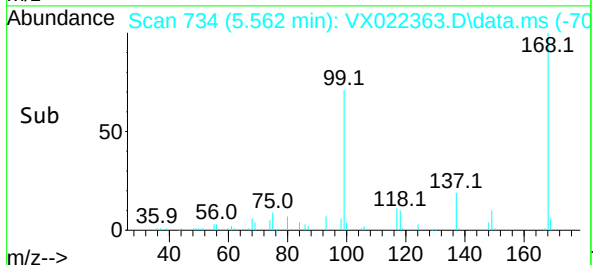
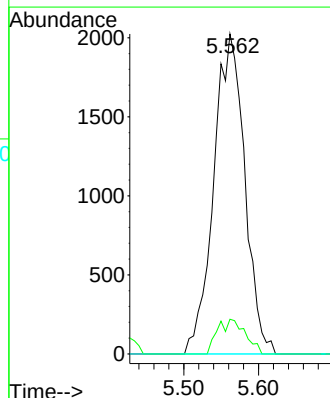
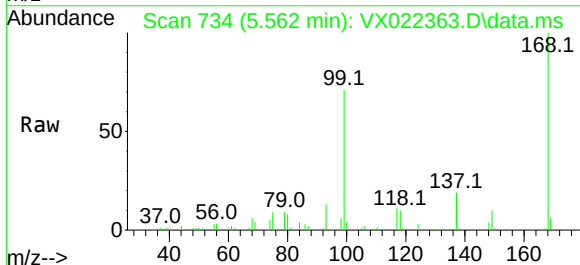
Tgt Ion: 75 Resp: 5838

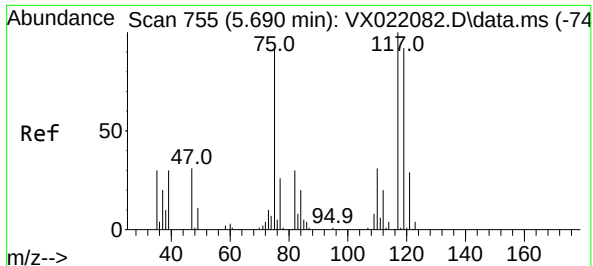
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

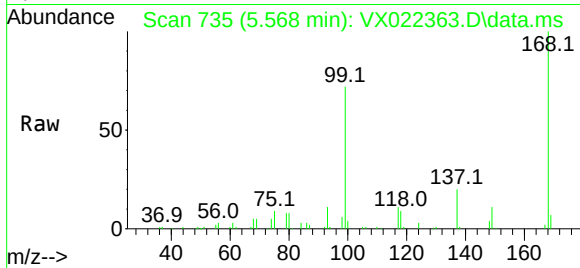
77 0.0 25.3 37.9#



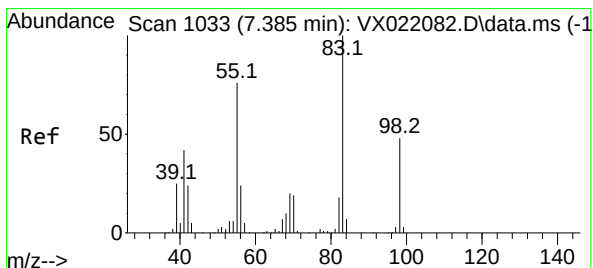
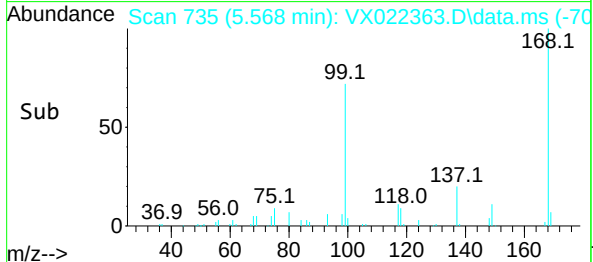
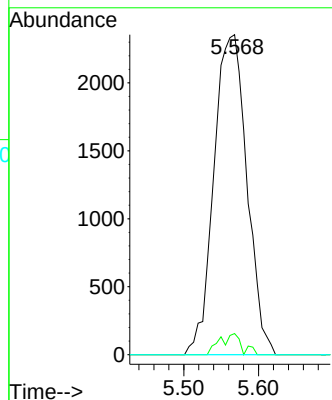


#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Instrument :
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ClientSampleId :
08BR-20210528DL

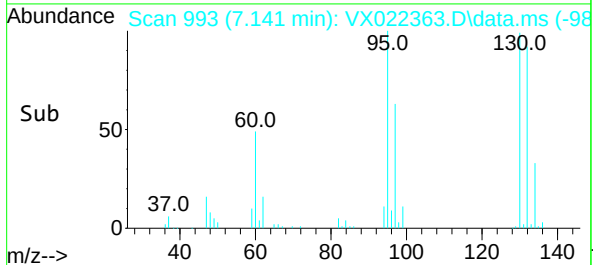
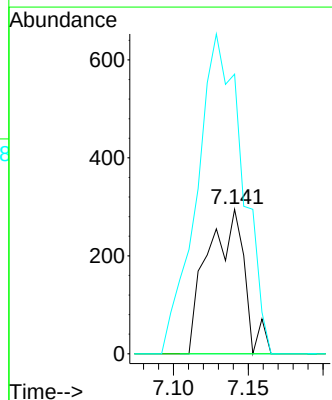
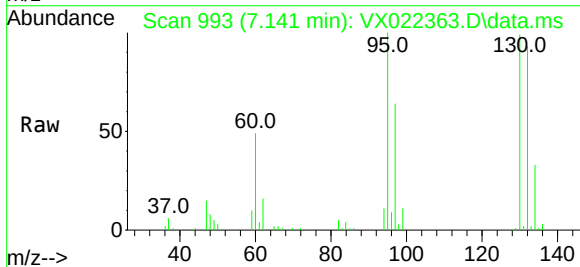


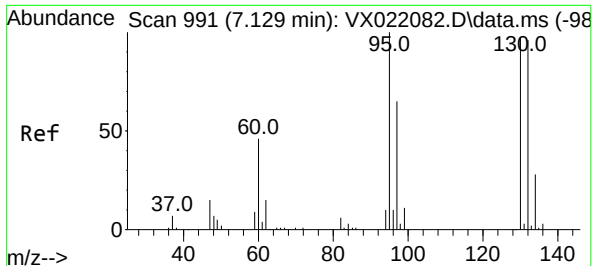
Tgt Ion:117 Resp: 7234
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.35 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 83 Resp: 506
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 193.6 38.1 57.1#

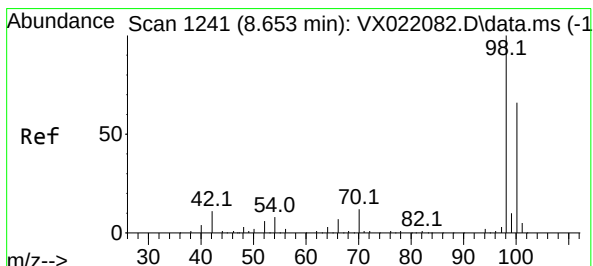
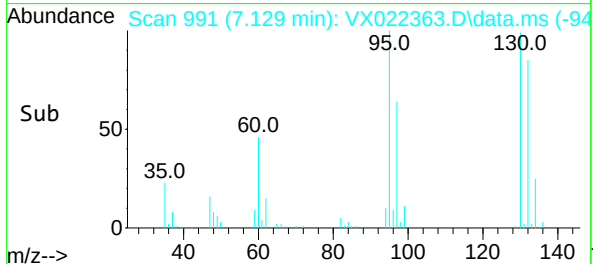
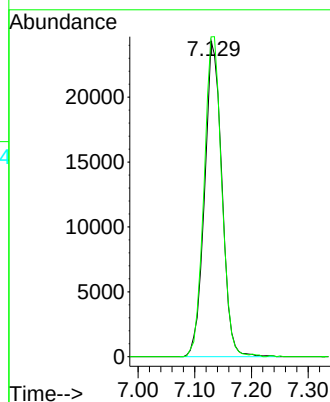
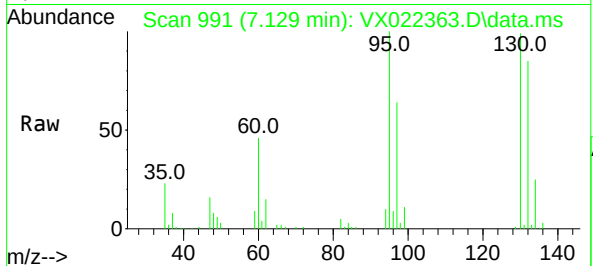




#44
Trichloroethene
Concen: 53.09 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

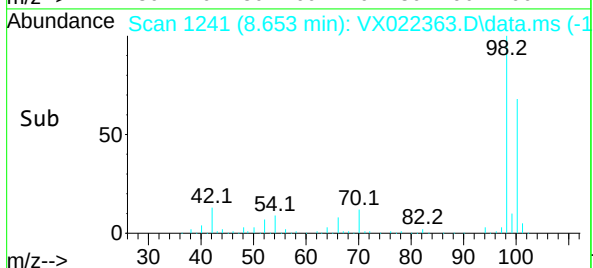
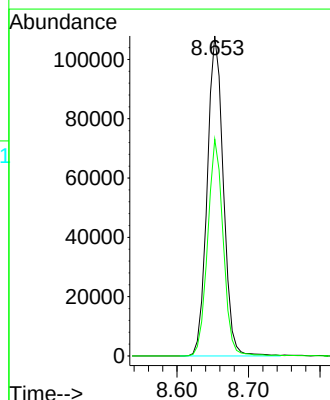
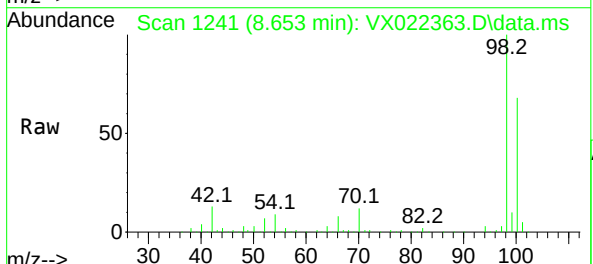
Instrument :
MSVOA_X
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08BR-20210528DL

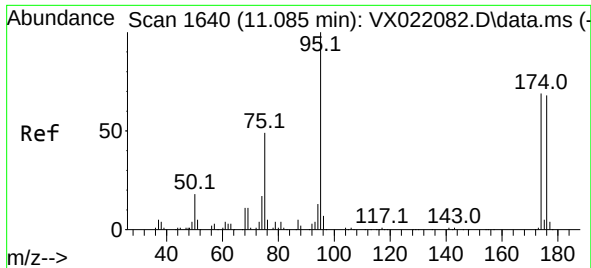
Tgt Ion:130 Resp: 51601
Ion Ratio Lower Upper
130 100
95 101.3 0.0 198.0



#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 98 Resp: 169093
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

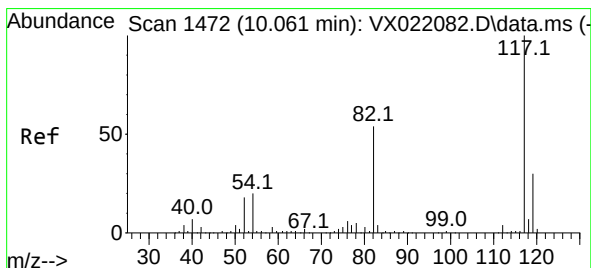
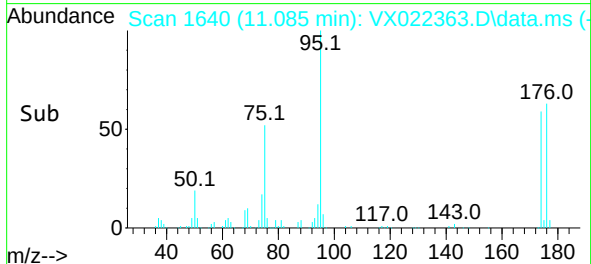
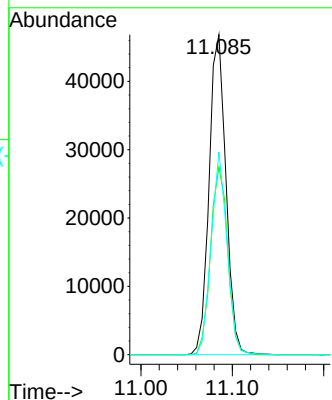
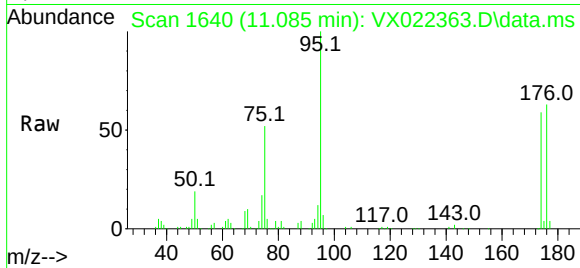




#62
4-Bromofluorobenzene
Concen: 48.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

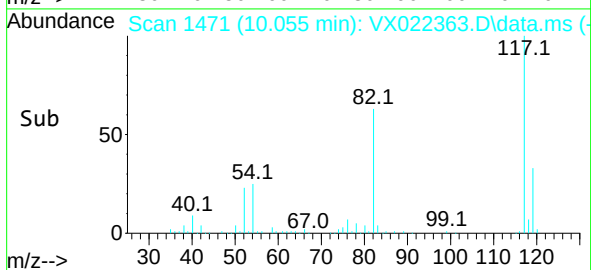
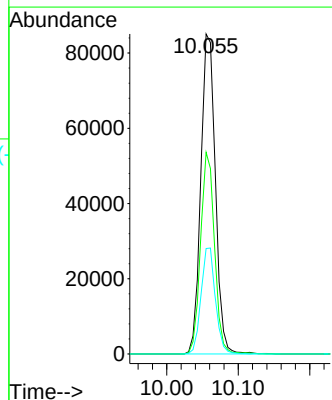
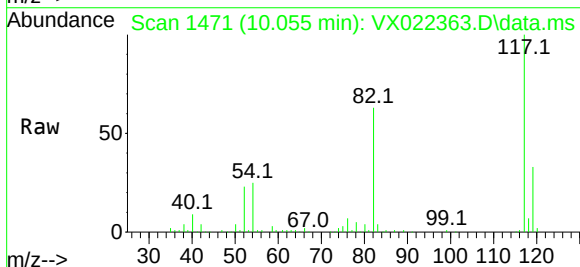
Instrument :
MSVOA_X
ClientSampleId :
08BR-20210528DL

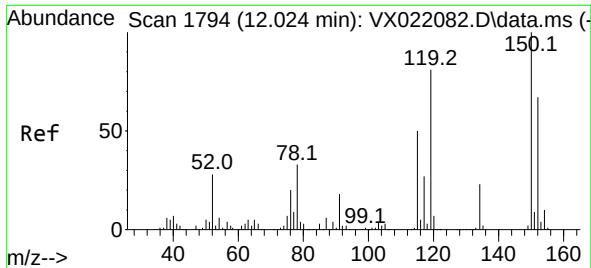
Tgt Ion: 95 Resp: 59782
Ion Ratio Lower Upper
95 100
174 59.5 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Tgt Ion: 117 Resp: 120407
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 33.0 26.6 39.8

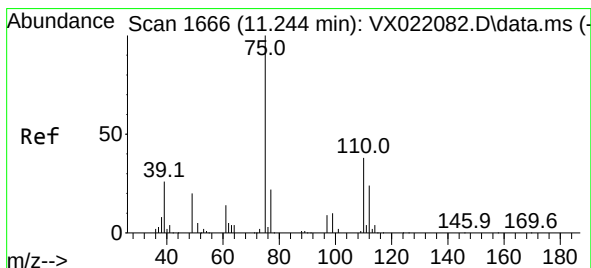
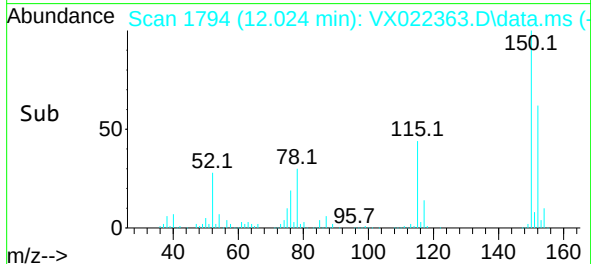
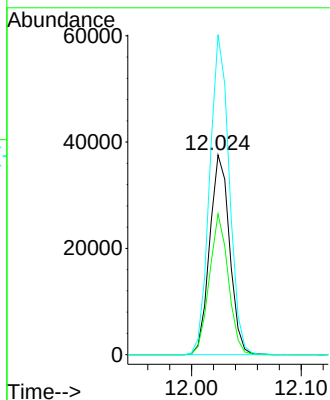
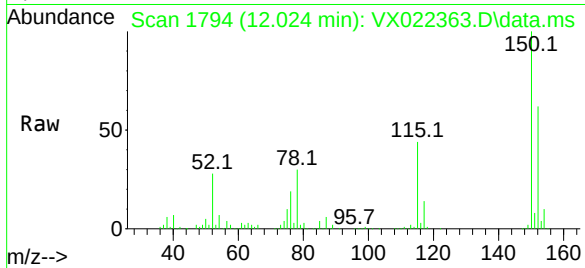




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022363.D
 Acq: 03 Jun 2021 14:02

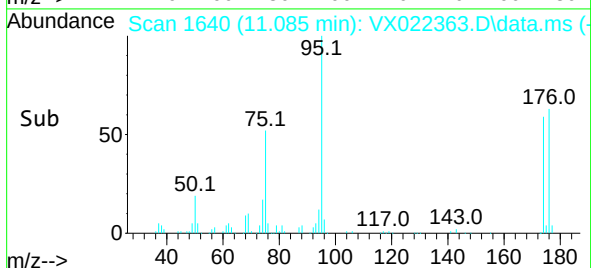
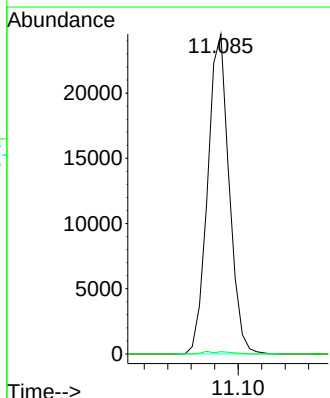
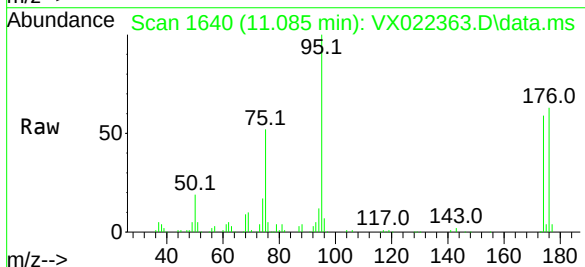
Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20210528DL

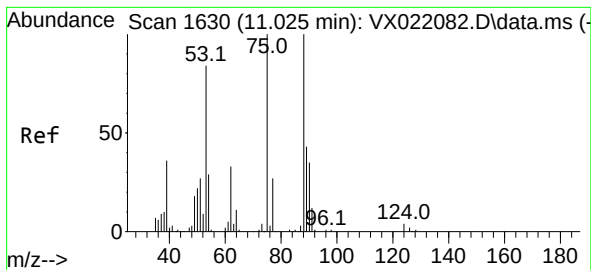
Tgt Ion:152 Resp: 47404
 Ion Ratio Lower Upper
 152 100
 115 66.9 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.52 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022363.D
 Acq: 03 Jun 2021 14:02

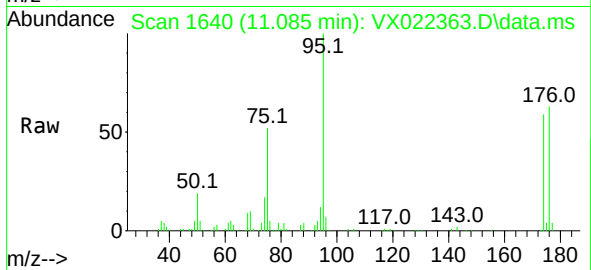
Tgt Ion: 75 Resp: 31014
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.83 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022363.D
Acq: 03 Jun 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
08BR-20210528DL



Tgt Ion: 75 Resp: 31014
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

