

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022336.D
 Acq On : 02 Jun 2021 14:17
 Operator : JC/MD
 Sample : M2572-05DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528DL

Quant Time: Jun 03 02:20:14 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)

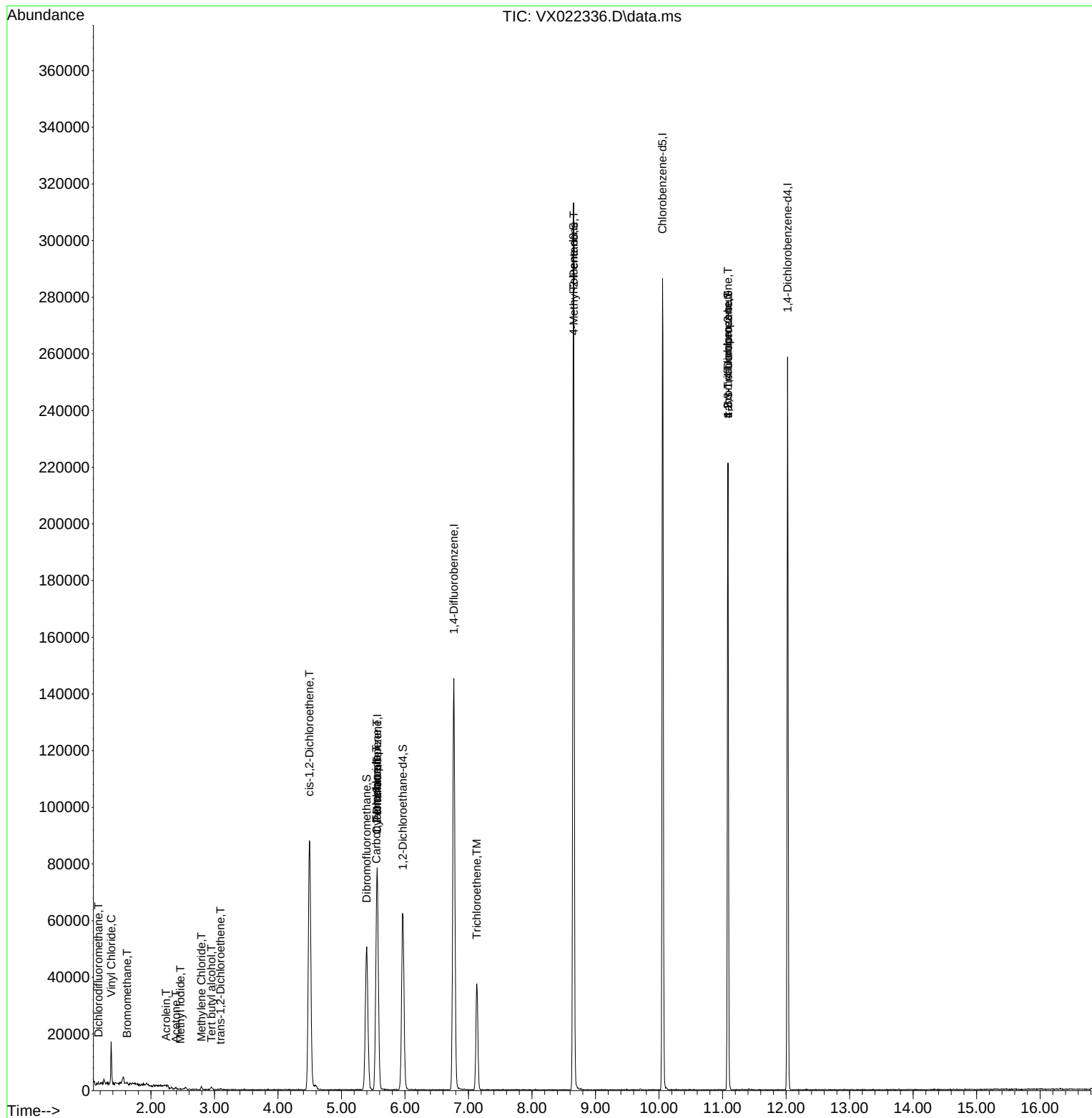
Internal Standards						
1) Pentafluorobenzene	5.562	168	64851	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57225	57.20	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.40%
35) Dibromofluoromethane	5.397	113	42840	47.33	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.66%
50) Toluene-d8	8.653	98	173689	49.82	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.085	95	58522	45.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.82%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	314	0.40	ug/l	72
4) Vinyl Chloride	1.374	62	8314	9.24	ug/l	99
5) Bromomethane	1.624	94	266	0.51	ug/l	# 63
10) Methyl Iodide	2.465	142	176	0.21	ug/l	# 55
11) Tert butyl alcohol	2.953	59	537	2.35	ug/l	# 73
13) Acrolein	2.239	56	61	0.40	ug/l	# 48
16) Acetone	2.392	43	572	1.31	ug/l	# 88
20) Methylene Chloride	2.794	84	367	0.38	ug/l	# 34
21) trans-1,2-Dichloroethene	3.093	96	238	0.29	ug/l	# 50
27) cis-1,2-Dichloroethene	4.495	96	54380	55.31	ug/l	91
31) Cyclohexane	5.556	56	1971	1.57	ug/l	# 61
36) 1,1-Dichloropropene	5.556	75	6479	4.91	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	8244	6.39	ug/l	# 17
44) Trichloroethene	7.129	130	13580	13.46	ug/l	97
51) 4-Methyl-2-Pentanone	8.659	43	908	0.57	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	29548	26.75	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.085	75	29548	63.39	ug/l	# 12

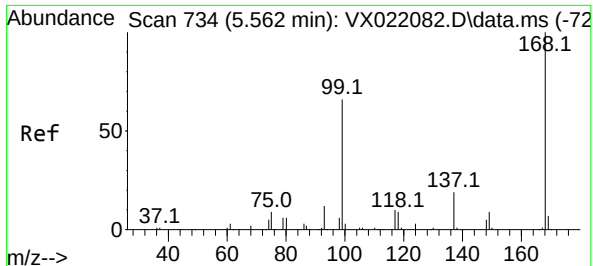
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20BR-20210528DL

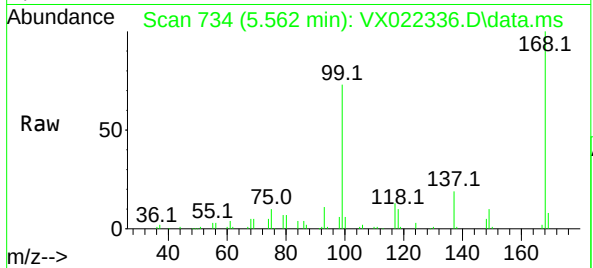
Quant Time: Jun 03 02:20:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



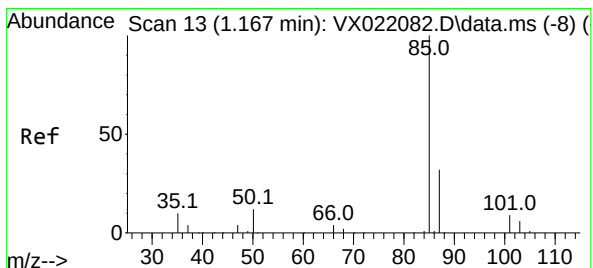
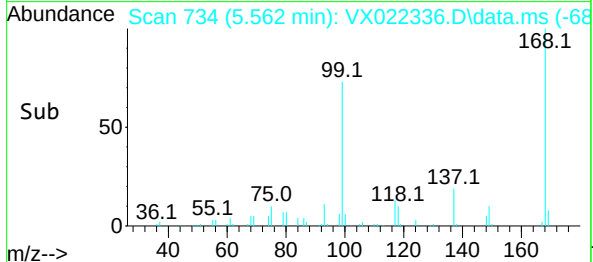
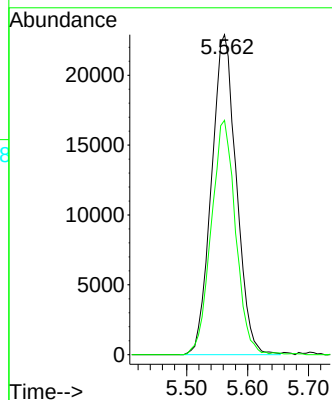


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

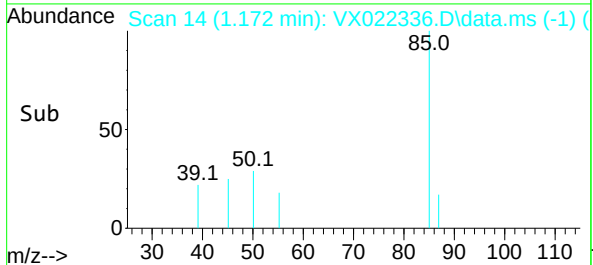
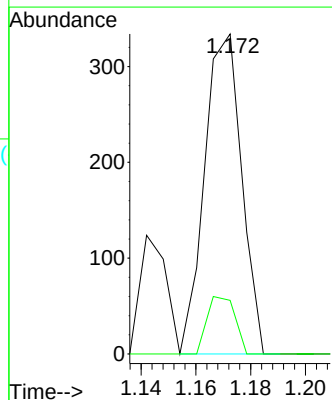
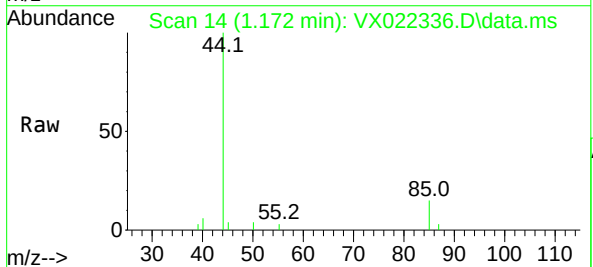


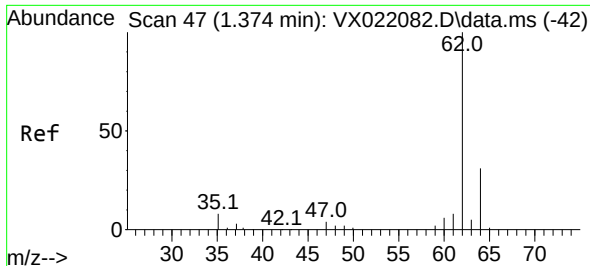
Tgt Ion:168 Resp: 64851
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.40 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Tgt Ion: 85 Resp: 314
Ion Ratio Lower Upper
85 100
87 16.8 16.4 49.2

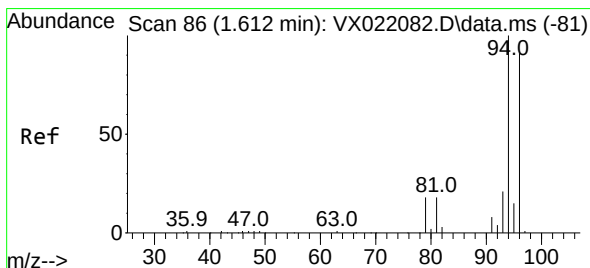
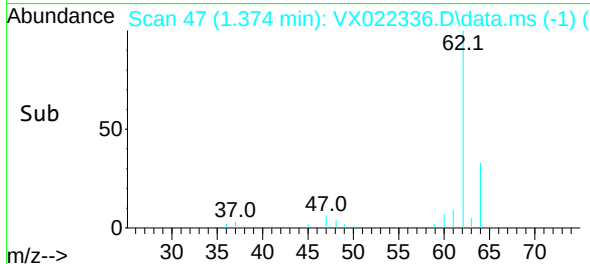
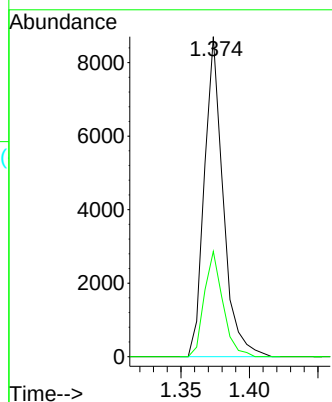
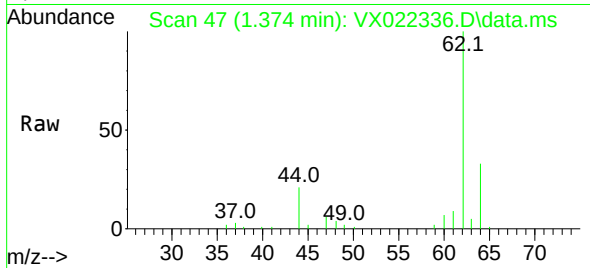




#4
 Vinyl Chloride
 Concen: 9.24 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022336.D
 Acq: 02 Jun 2021 14:17

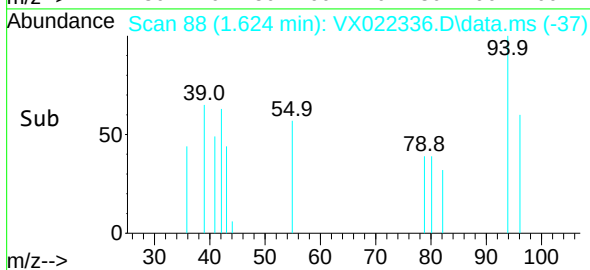
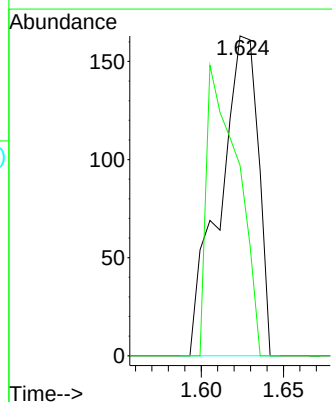
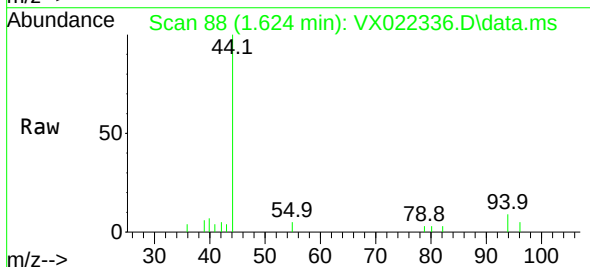
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528DL

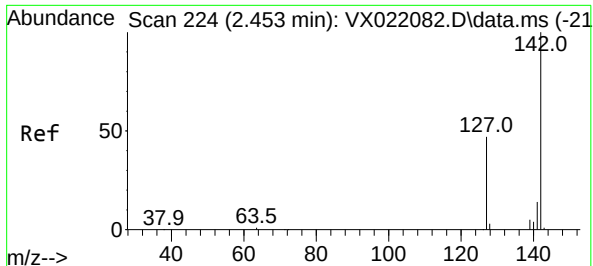
Tgt Ion: 62 Resp: 8314
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.7 38.5



#5
 Bromomethane
 Concen: 0.51 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.012 min
 Lab File: VX022336.D
 Acq: 02 Jun 2021 14:17

Tgt Ion: 94 Resp: 266
 Ion Ratio Lower Upper
 94 100
 96 59.5 76.4 114.6#

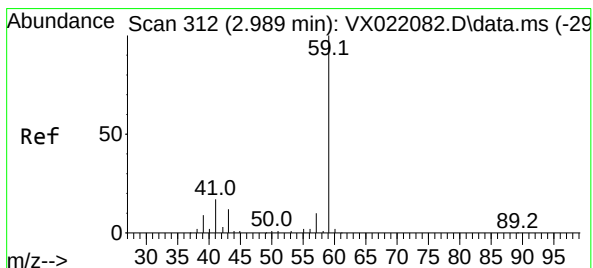
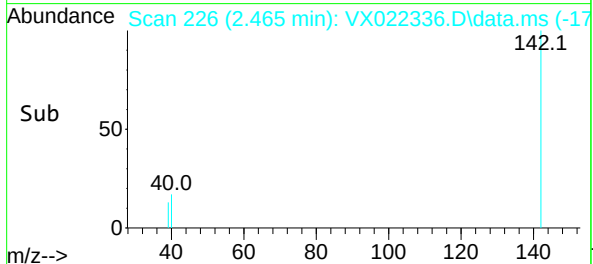
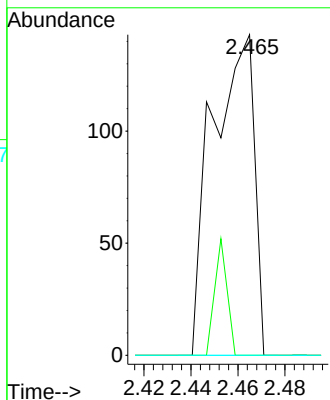
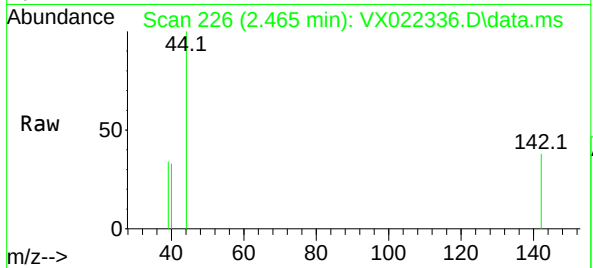




#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

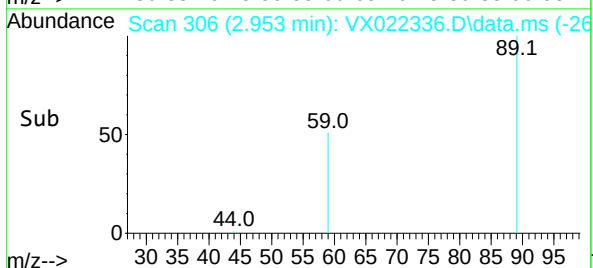
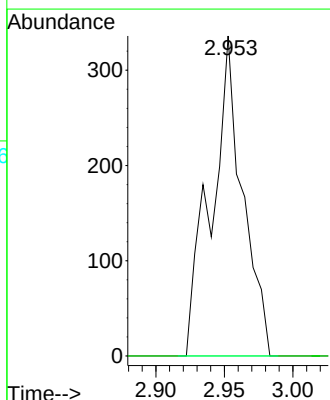
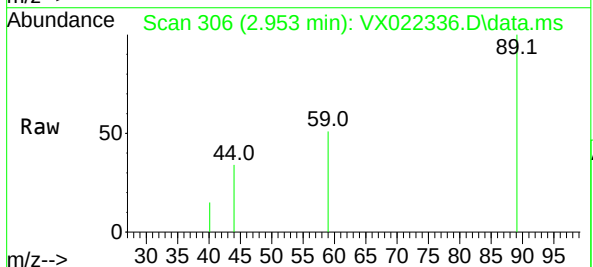
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

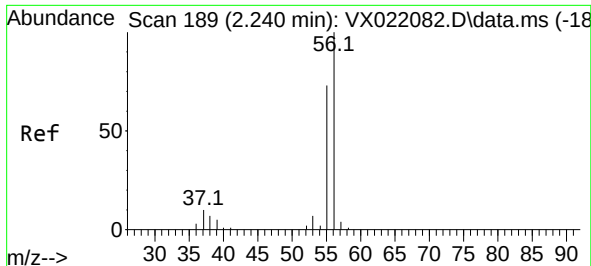
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 10.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.35 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

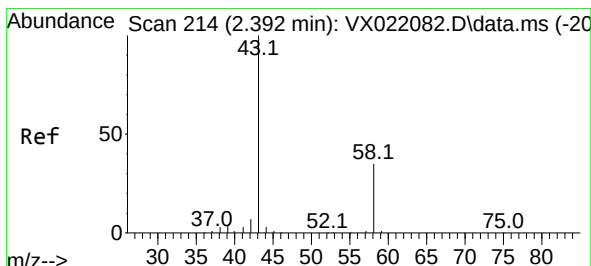
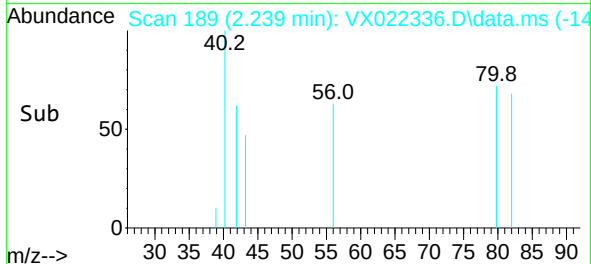
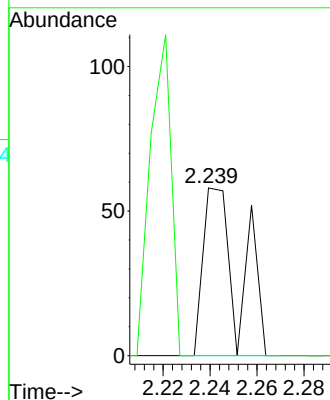
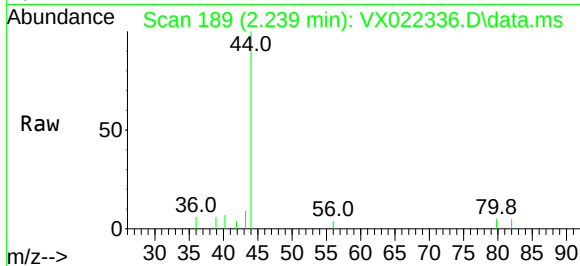




#13
Acrolein
Concen: 0.40 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

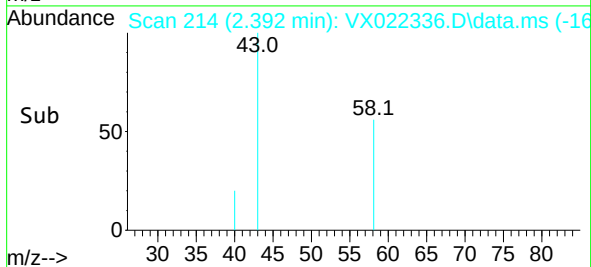
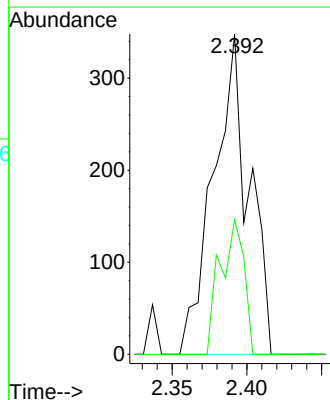
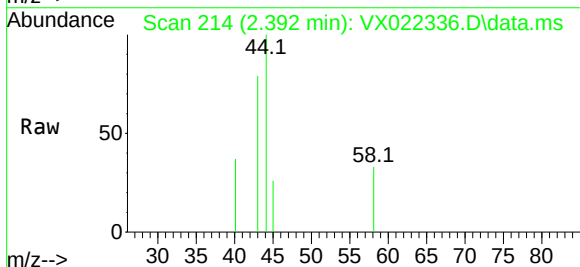
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

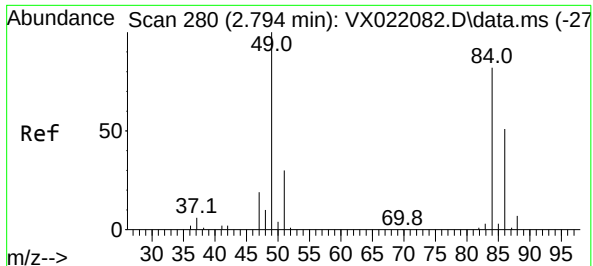
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 113.1 56.4 84.6#



#16
Acetone
Concen: 1.31 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 42.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

Tgt Ion: 84 Resp: 367

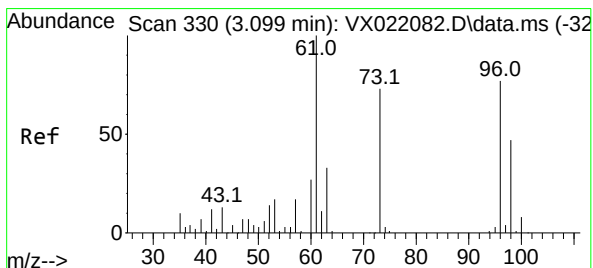
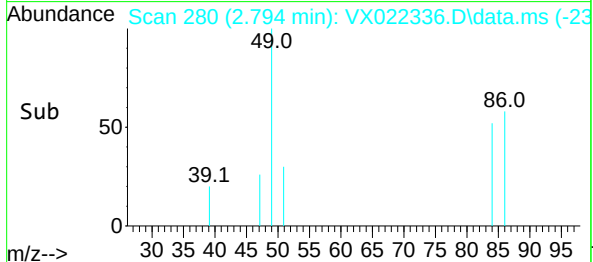
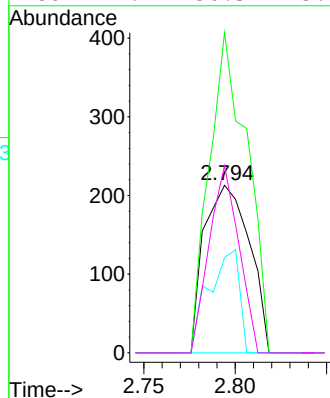
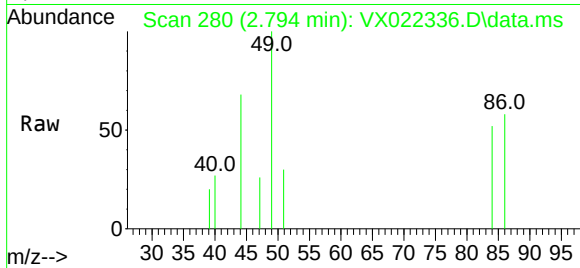
Ion Ratio Lower Upper

84 100

49 191.1 88.6 132.8#

51 56.8 27.0 40.6#

86 111.7 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.29 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.006 min

Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

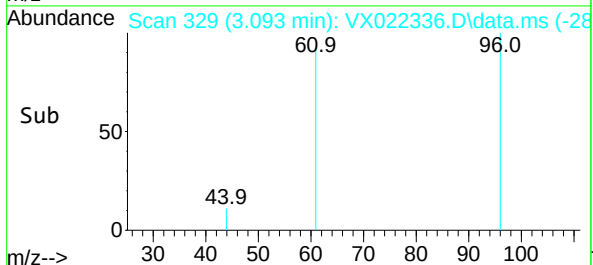
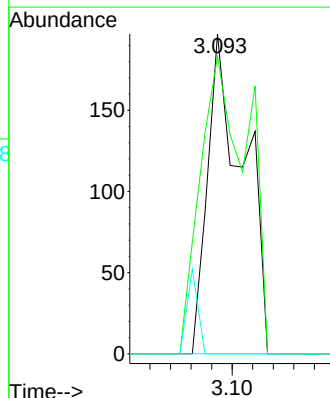
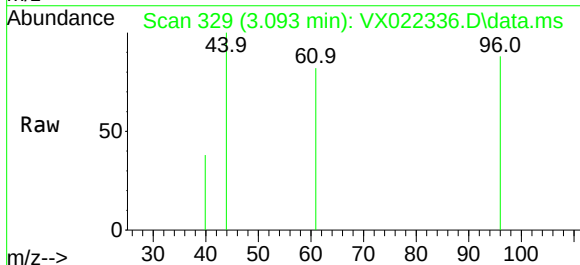
Tgt Ion: 96 Resp: 238

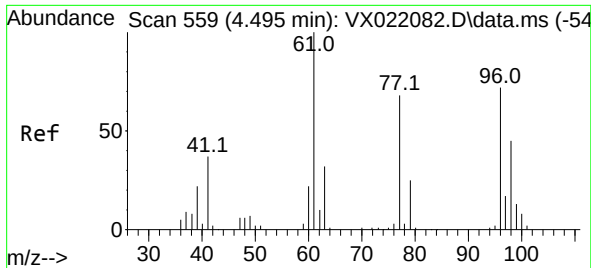
Ion Ratio Lower Upper

96 100

61 92.9 107.7 161.5#

98 0.0 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 55.31 ug/l

RT: 4.495 min Scan# 559

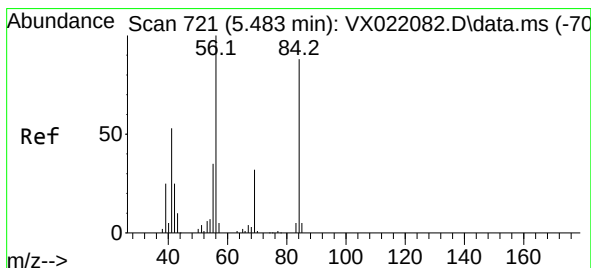
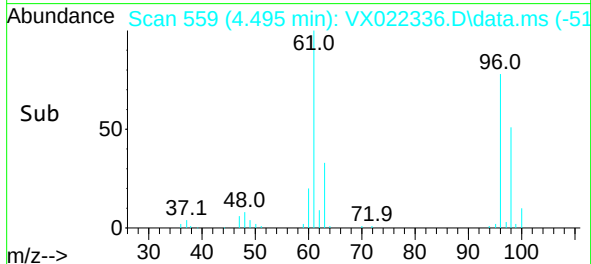
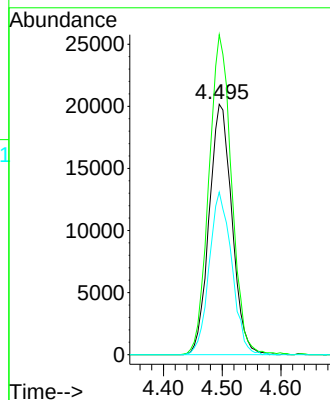
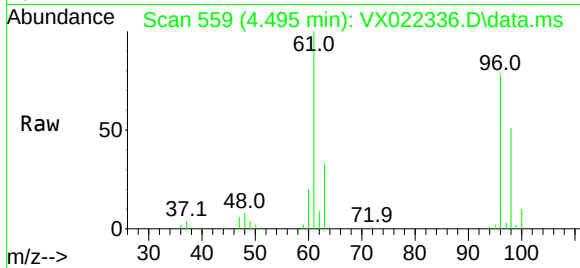
Delta R.T. 0.000 min

Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

Tgt Ion: 96 Resp: 54380

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	285.6
98	64.1	0.0	129.6



#31

Cyclohexane

Concen: 1.57 ug/l

RT: 5.556 min Scan# 733

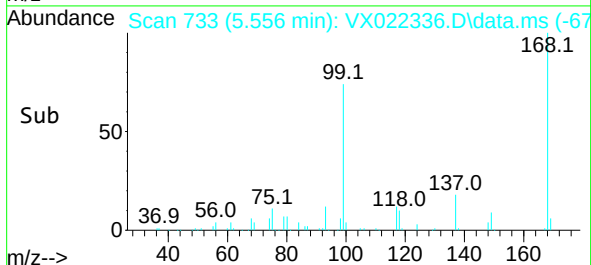
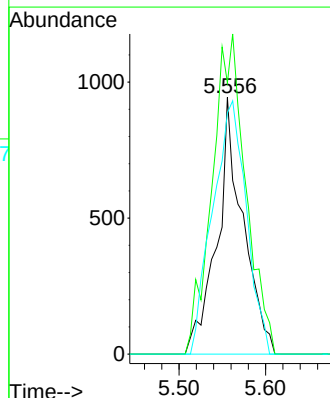
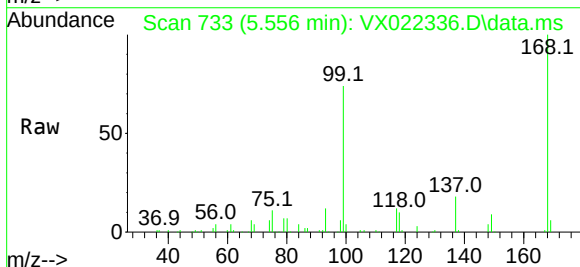
Delta R.T. 0.073 min

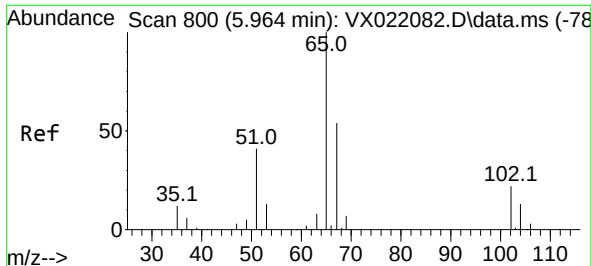
Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

Tgt Ion: 56 Resp: 1971

Ion	Ratio	Lower	Upper
56	100		
69	105.6	25.3	37.9#
84	94.0	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 57.20 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

Tgt Ion: 65 Resp: 57225

Ion Ratio Lower Upper

65 100

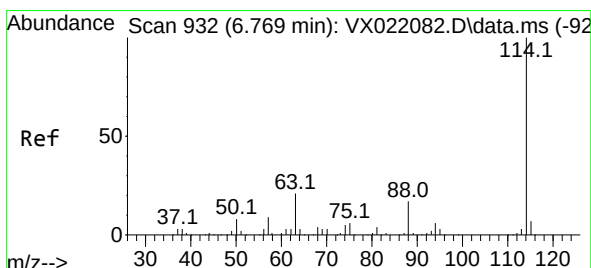
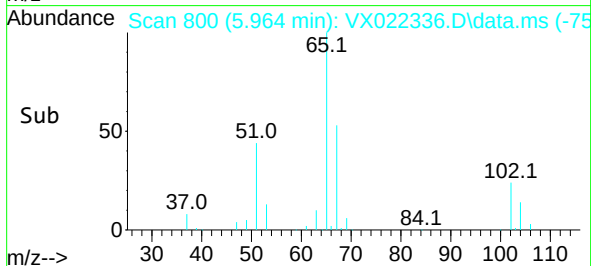
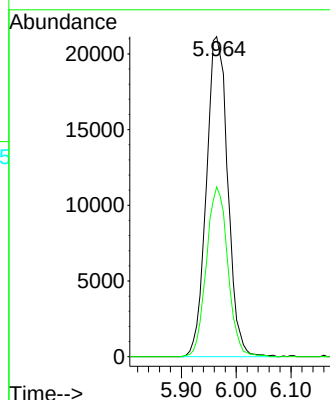
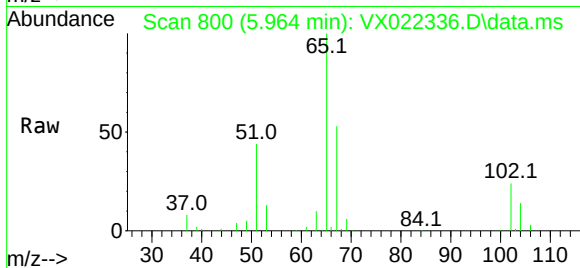
67 53.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

20BR-20210528DL



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022336.D

Acq: 02 Jun 2021 14:17

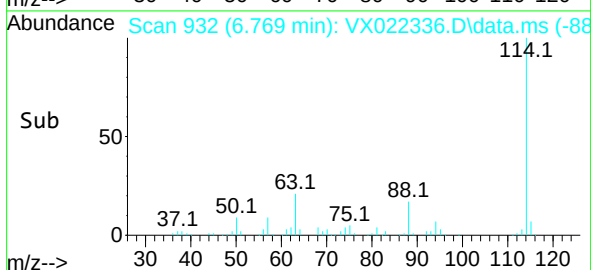
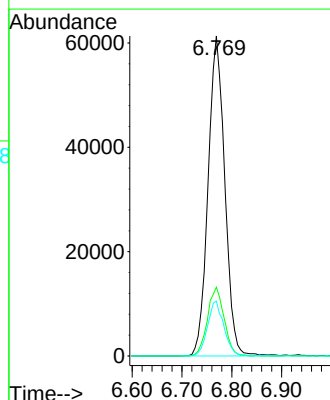
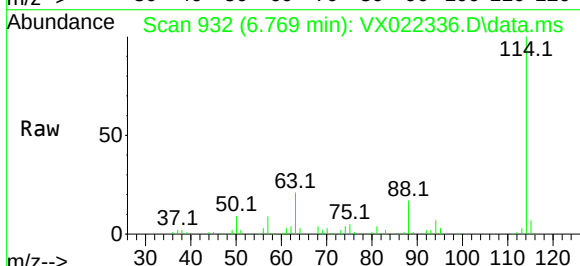
Tgt Ion: 114 Resp: 142717

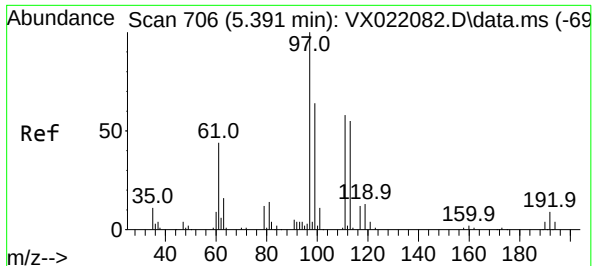
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.2 0.0 32.8

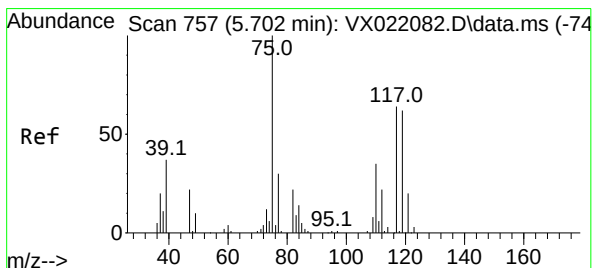
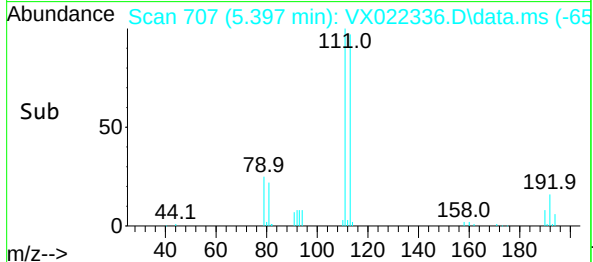
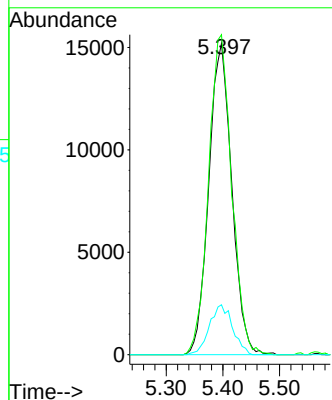
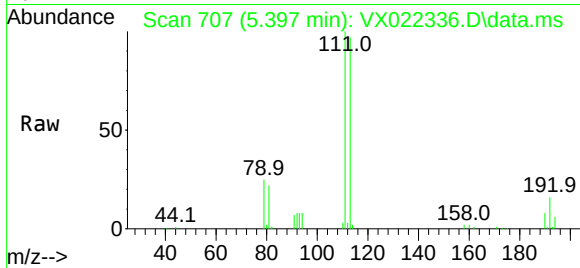




#35
Dibromofluoromethane
Concen: 47.33 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

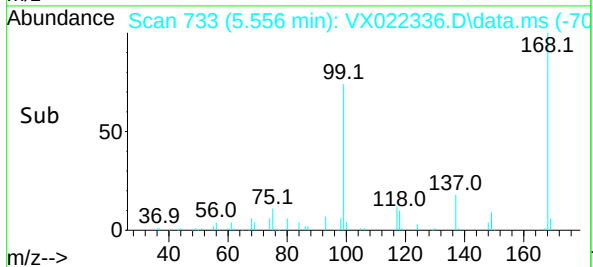
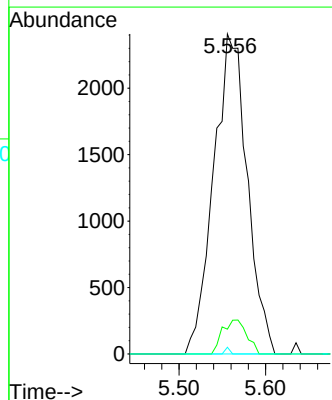
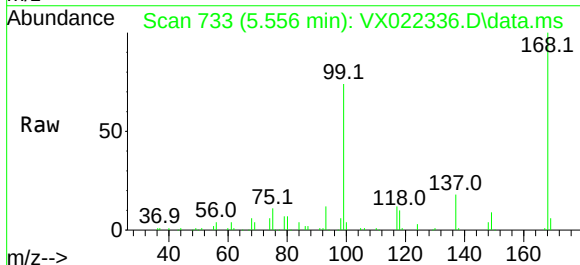
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

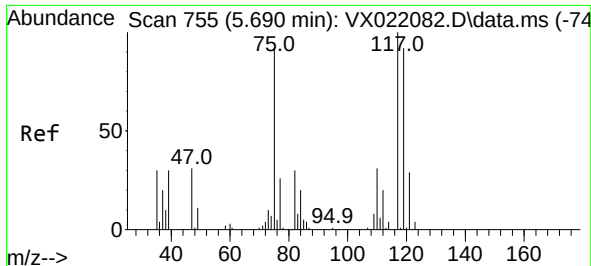
Tgt Ion:113 Resp: 42840
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 16.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

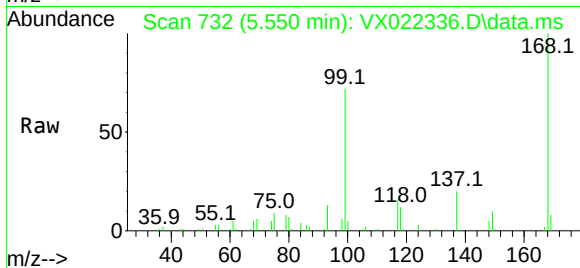
Tgt Ion: 75 Resp: 6479
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.3 25.3 37.9#



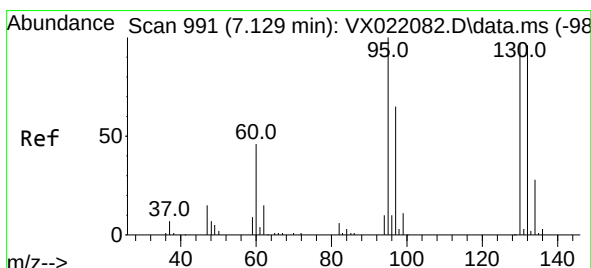
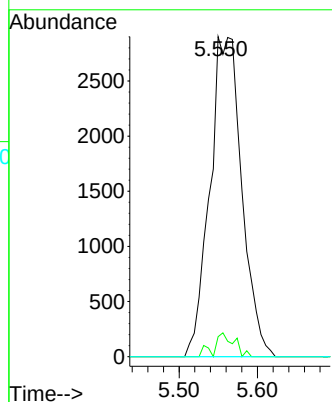
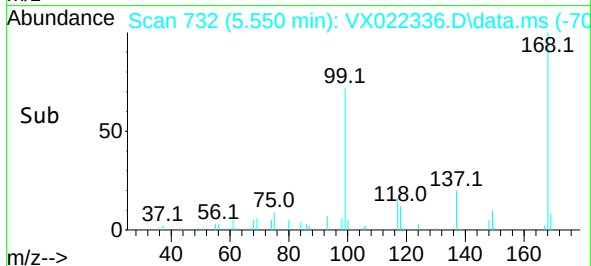


#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

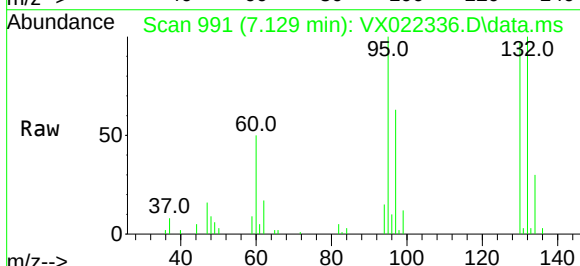
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL



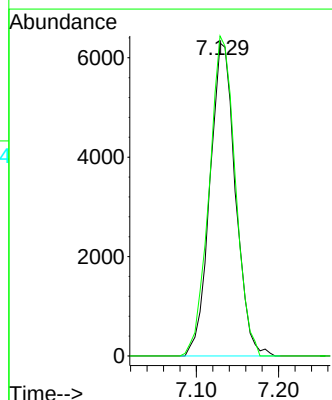
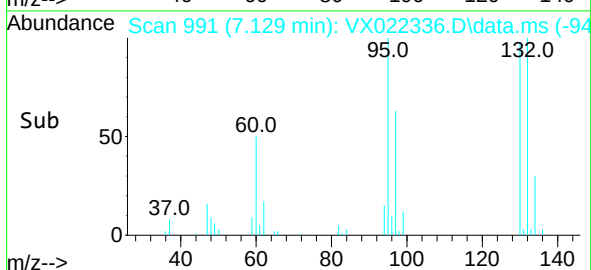
Tgt Ion:117 Resp: 8244
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

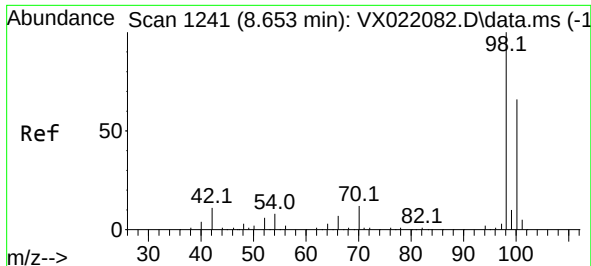


#44
Trichloroethene
Concen: 13.46 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17



Tgt Ion:130 Resp: 13580
Ion Ratio Lower Upper
130 100
95 102.2 0.0 198.0

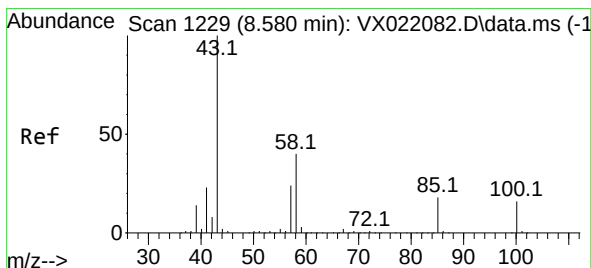
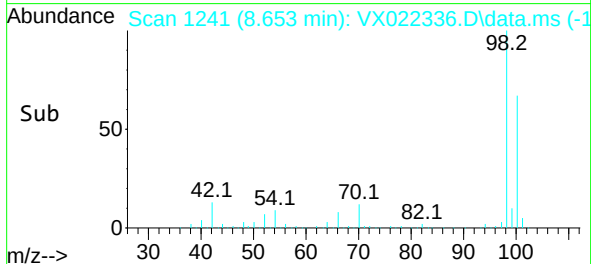
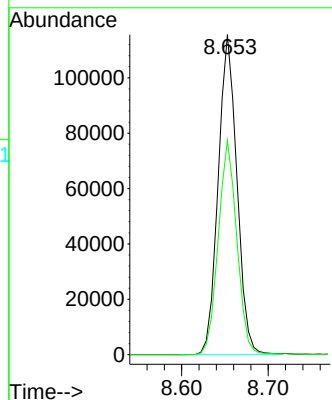
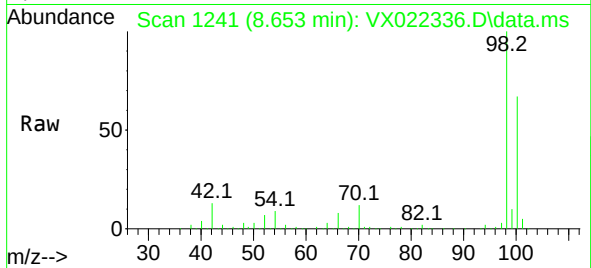




#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

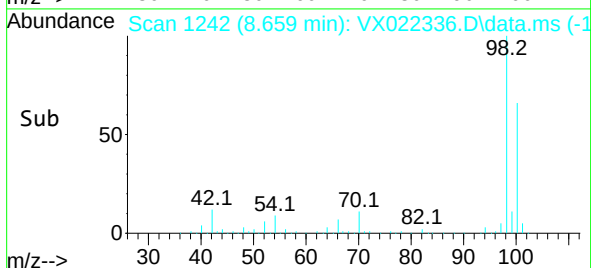
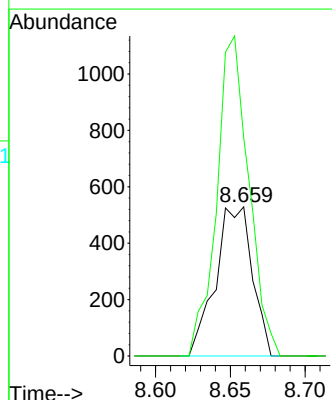
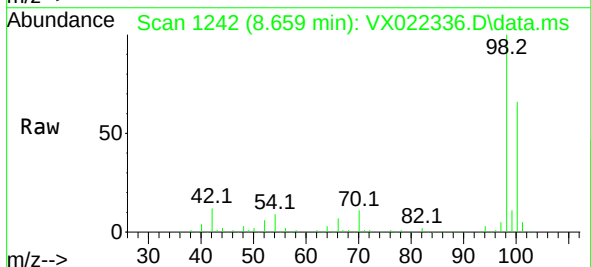
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

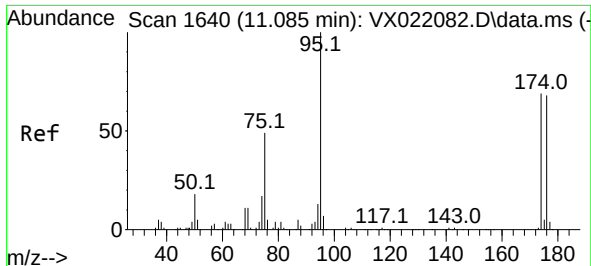
Tgt Ion: 98 Resp: 173689
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 186.8 35.4 53.0#

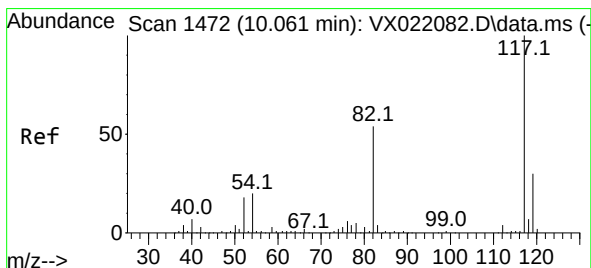
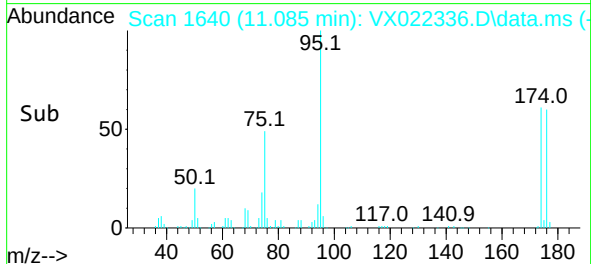
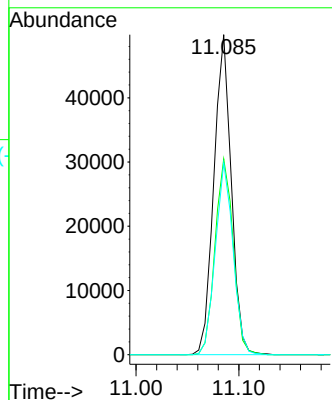
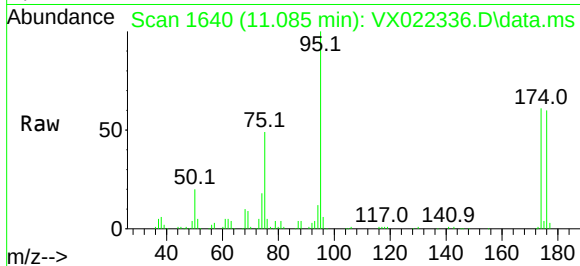




#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

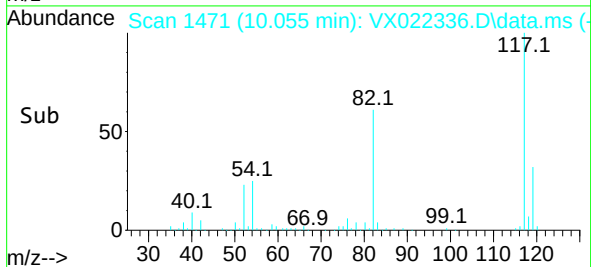
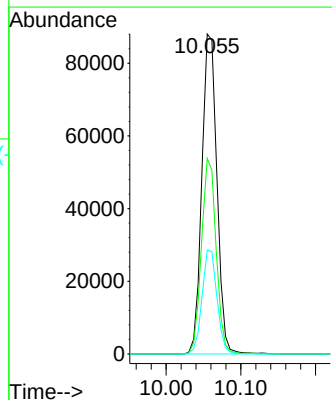
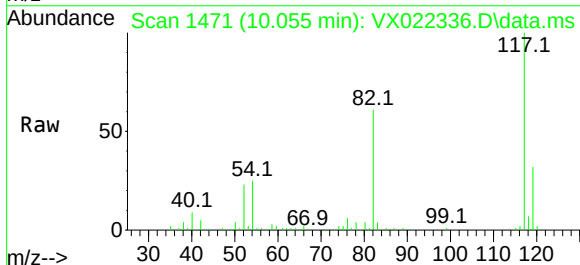
Instrument :
MSVOA_X
ClientSampleId :
20BR-20210528DL

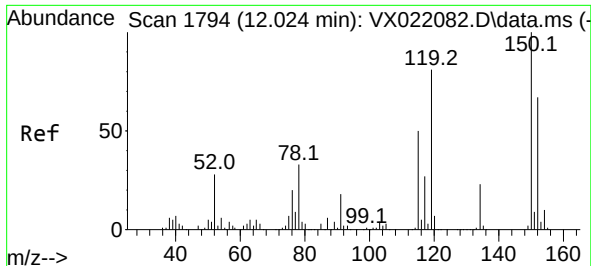
Tgt Ion:	95	Resp:	58522
Ion	Ratio	Lower	Upper
95	100		
174	63.8	0.0	154.6
176	61.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022336.D
Acq: 02 Jun 2021 14:17

Tgt Ion:	117	Resp:	123184
Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	32.5	26.6	39.8

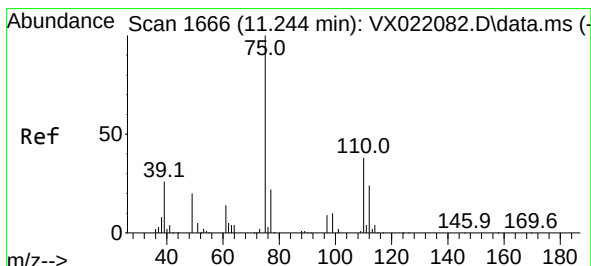
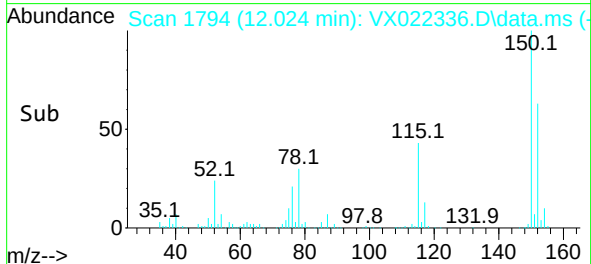
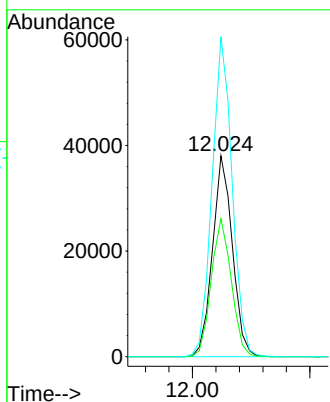
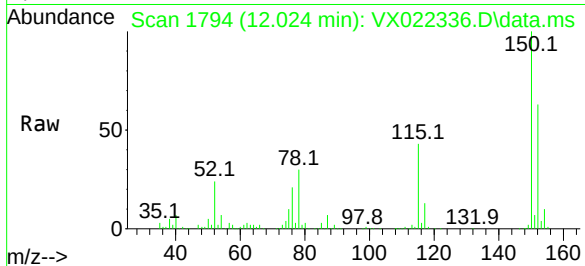




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022336.D
 Acq: 02 Jun 2021 14:17

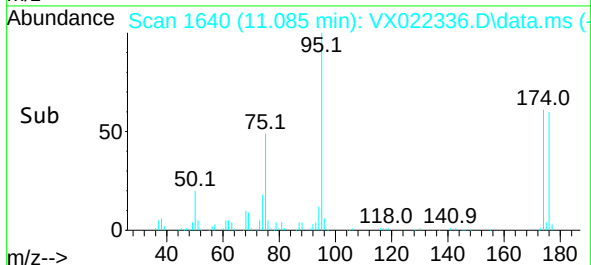
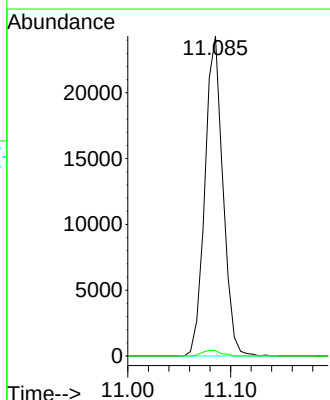
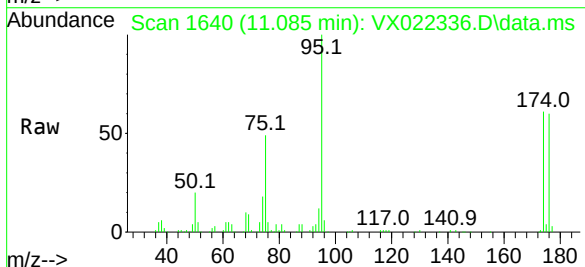
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528DL

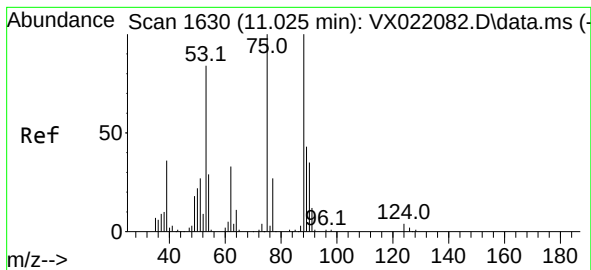
Tgt Ion:152 Resp: 44770
 Ion Ratio Lower Upper
 152 100
 115 69.1 41.1 123.3
 150 160.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.75 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022336.D
 Acq: 02 Jun 2021 14:17

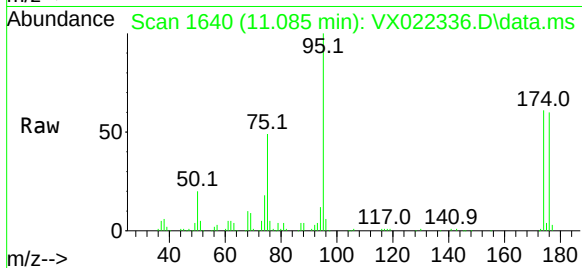
Tgt Ion: 75 Resp: 29548
 Ion Ratio Lower Upper
 75 100
 77 1.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.39 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022336.D
 Acq: 02 Jun 2021 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20210528DL



Tgt Ion: 75 Resp: 29548
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

