

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028998.D
 Acq On : 26 May 2022 14:52
 Operator : JC/MD
 Sample : N3030-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20220524

Quant Time: May 27 07:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

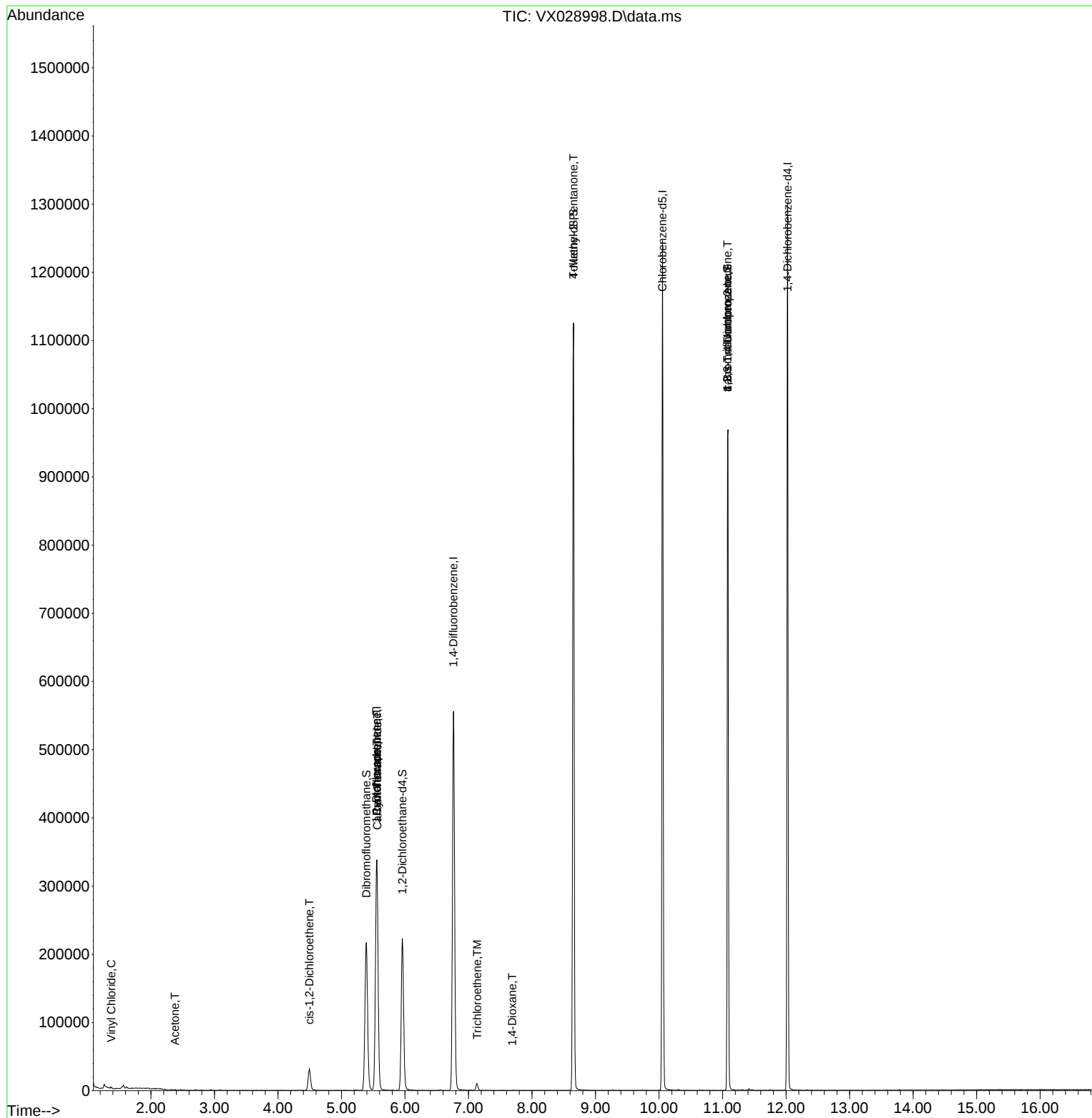
Internal Standards						
1) Pentafluorobenzene	5.556	168	326622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	562538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217584	48.598	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.200%
35) Dibromofluoromethane	5.391	113	191393	50.156	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.320%
50) Toluene-d8	8.653	98	693607	48.211	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.079	95	276431	51.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.880%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1373	0.316	ug/l #	74
5) Bromomethane	1.618	94	1079	Below Cal	#	71
6) Chloroethane	1.666	64	555	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	334	Below Cal	#	72
16) Acetone	2.380	43	1251	0.651	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	20254	4.554	ug/l	90
31) Cyclohexane	5.556	56	5806	0.934	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25243	4.404	ug/l #	49
38) Carbon Tetrachloride	5.562	117	33727	5.847	ug/l #	16
44) Trichloroethene	7.135	130	4124	0.923	ug/l	91
49) 1,4-Dioxane	7.690	88	55	0.487	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	2644	0.429	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	136818	21.961	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136818	64.313	ug/l #	15

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

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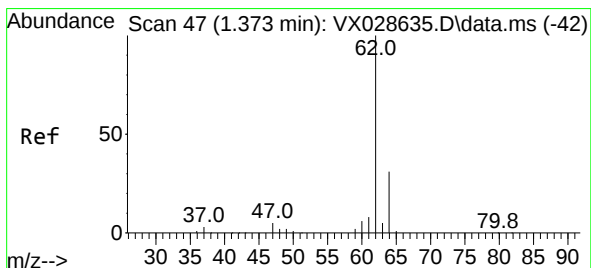
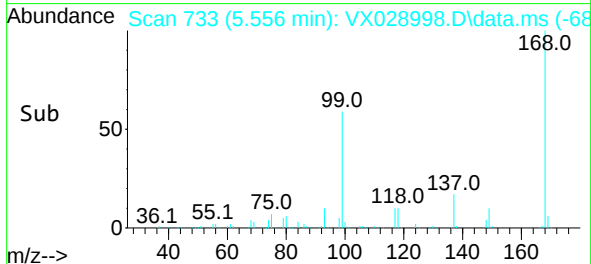
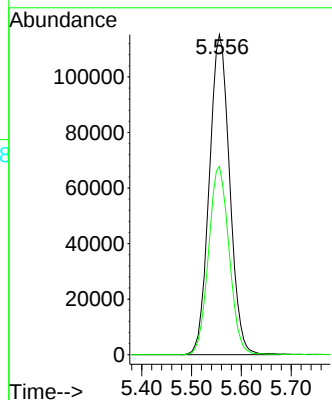
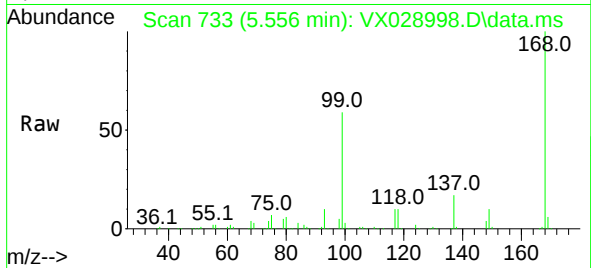




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

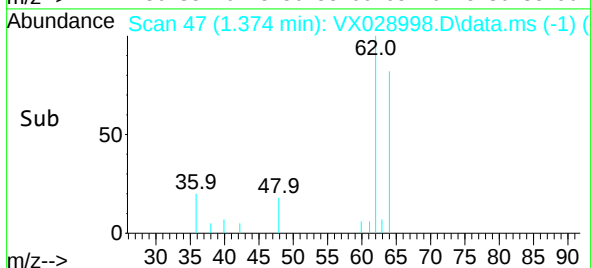
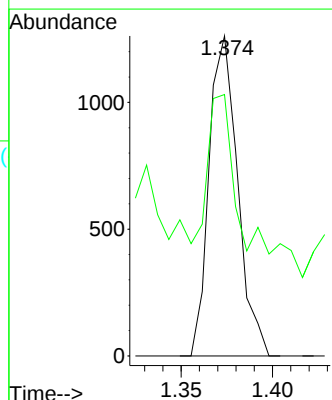
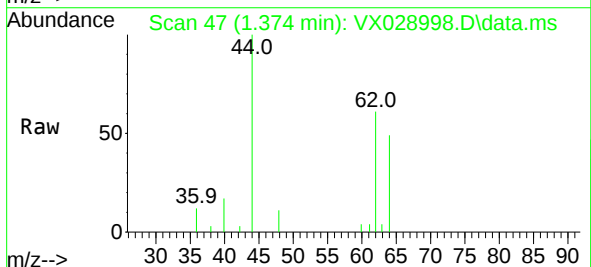
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

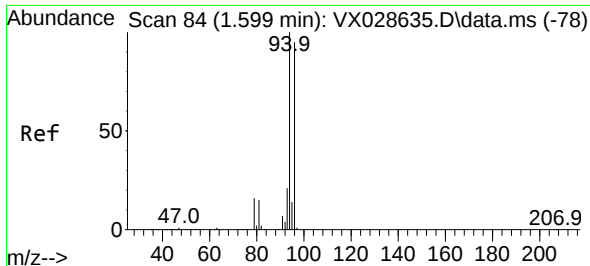
Tgt Ion:168 Resp: 326622
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#4
Vinyl Chloride
Concen: 0.316 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Tgt Ion: 62 Resp: 1373
Ion Ratio Lower Upper
62 100
64 46.6 25.5 38.3#

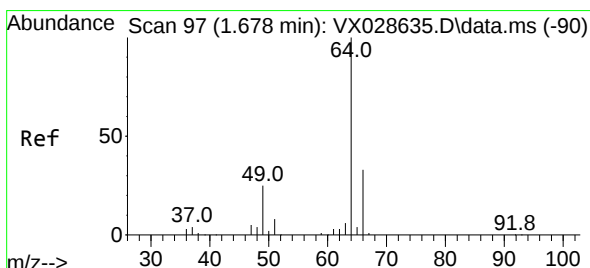
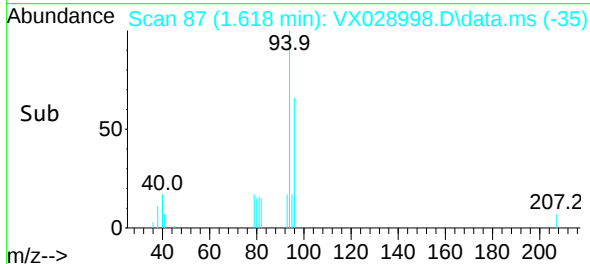
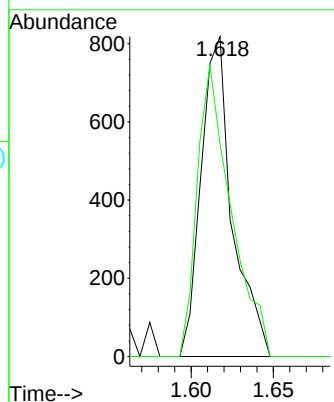
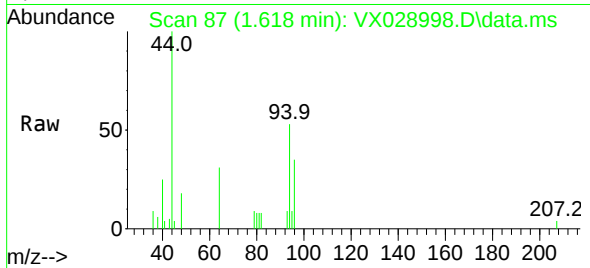




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

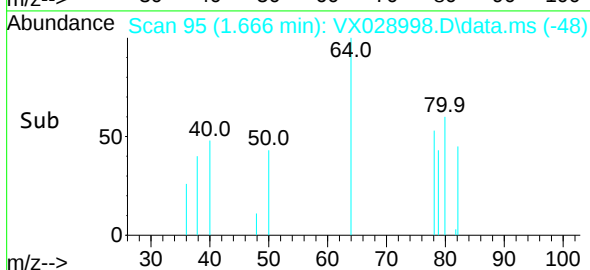
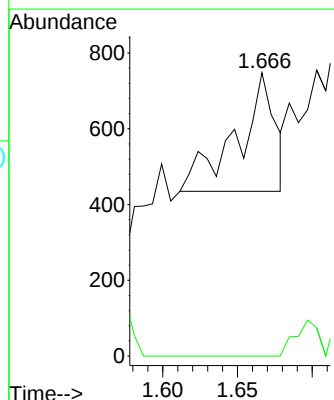
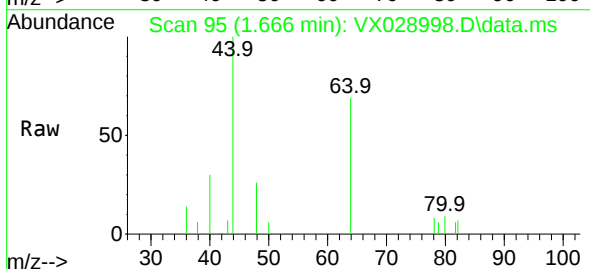
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

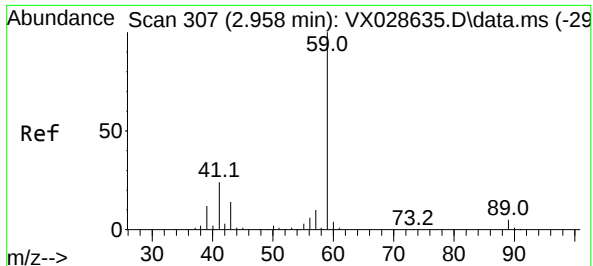
Tgt Ion: 94 Resp: 1079
Ion Ratio Lower Upper
94 100
96 66.4 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Tgt Ion: 64 Resp: 555
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

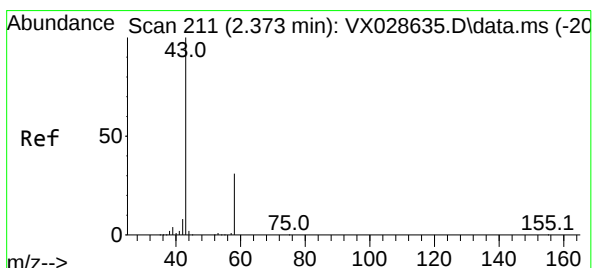
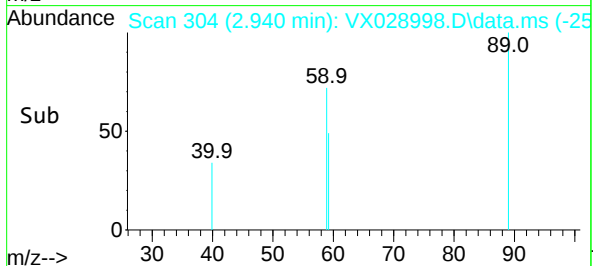
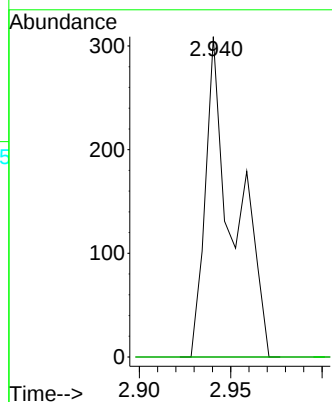
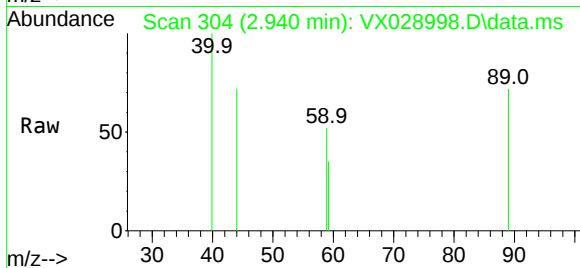
61BR-20220524

Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.651 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028998.D

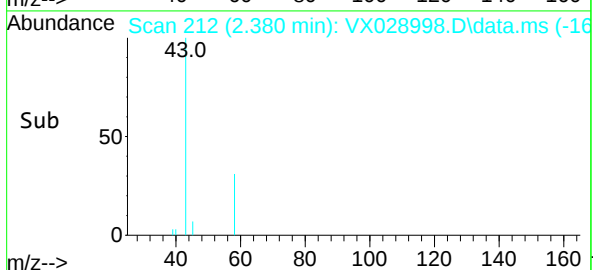
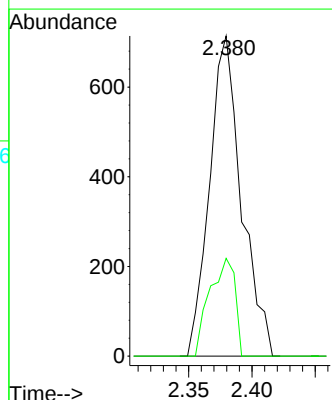
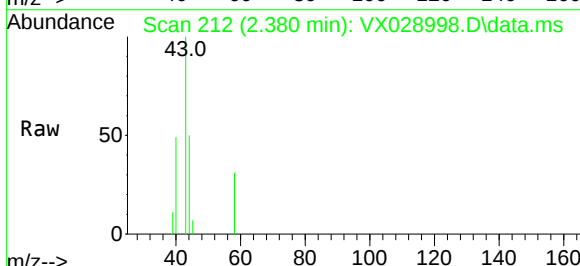
Acq: 26 May 2022 14:52

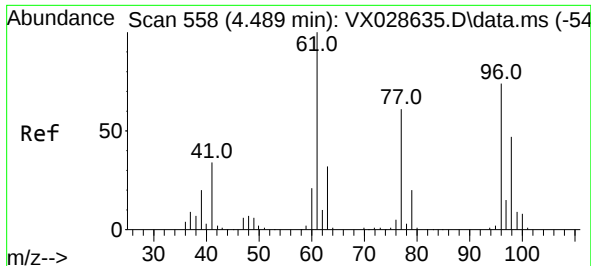
Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

43 100

58 30.5 28.8 43.2





#27

cis-1,2-Dichloroethene

Concen: 4.554 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

61BR-20220524

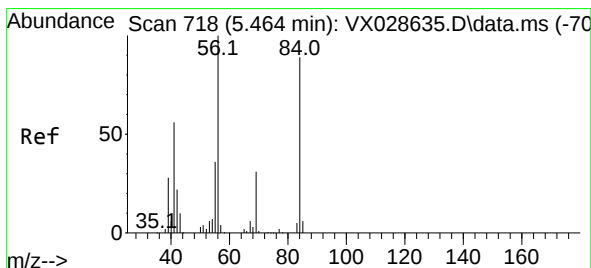
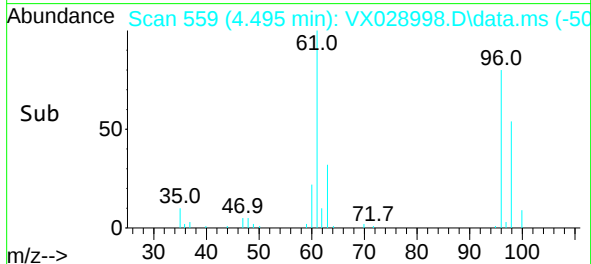
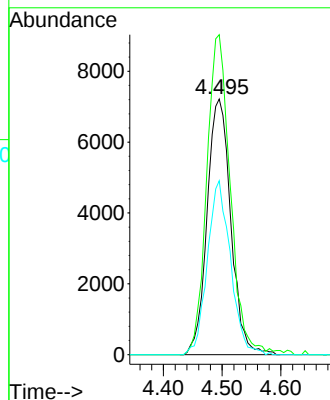
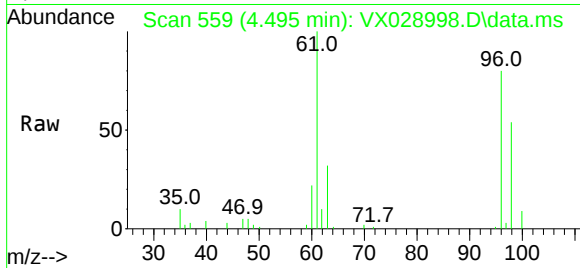
Tgt Ion: 96 Resp: 20254

Ion Ratio Lower Upper

96 100

61 124.9 0.0 283.8

98 66.4 0.0 129.8



#31

Cyclohexane

Concen: 0.934 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

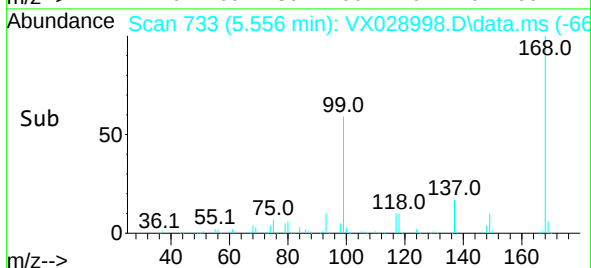
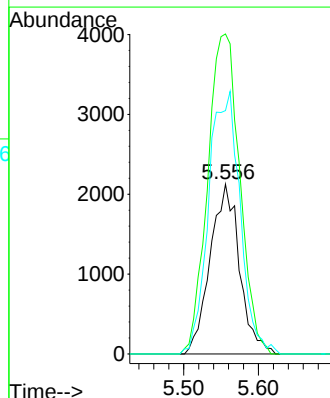
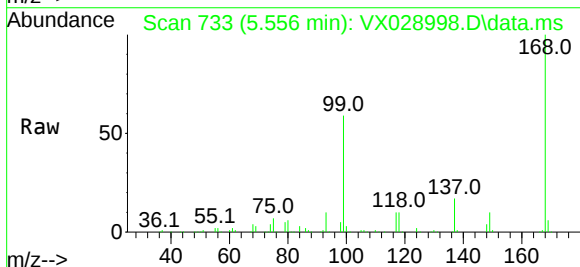
Tgt Ion: 56 Resp: 5806

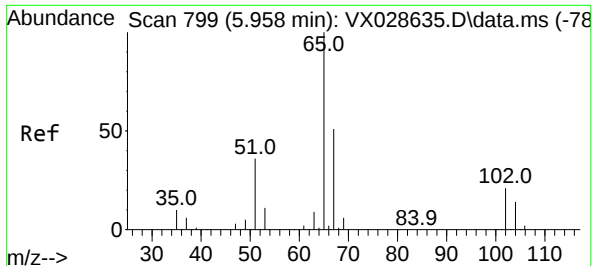
Ion Ratio Lower Upper

56 100

69 188.5 26.7 40.1#

84 143.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

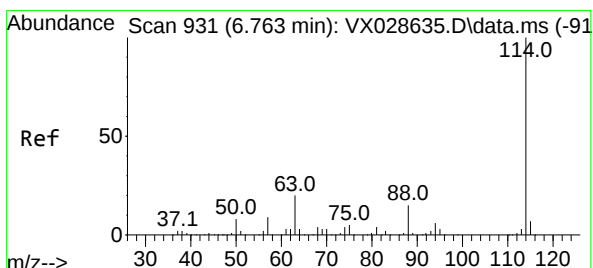
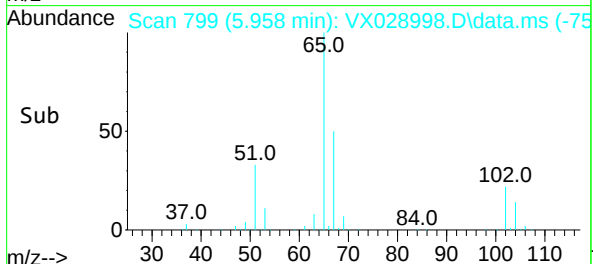
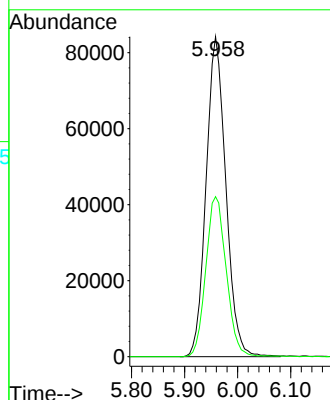
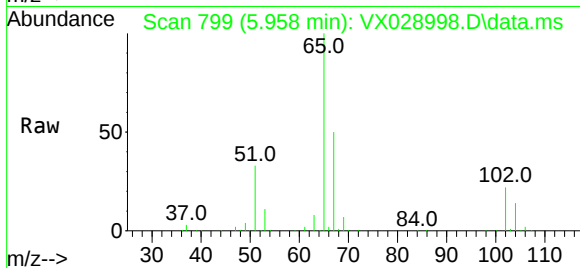
61BR-20220524

Tgt Ion: 65 Resp: 217584

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

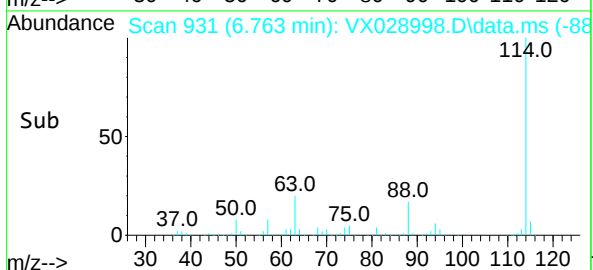
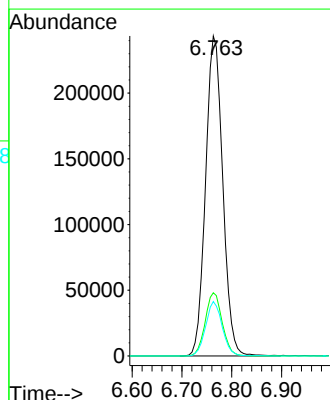
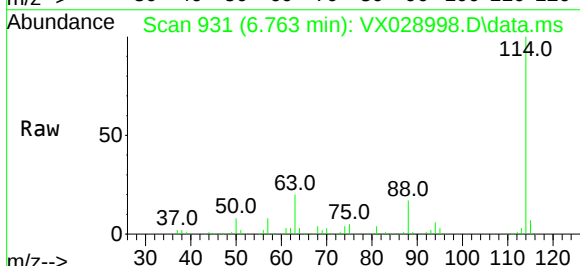
Tgt Ion: 114 Resp: 582420

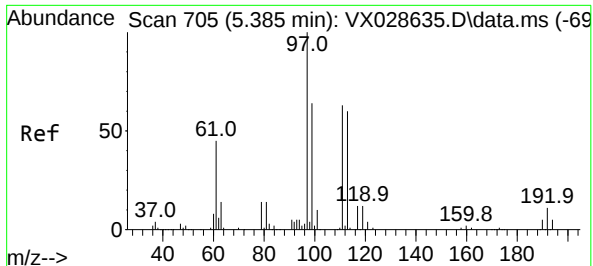
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.156 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

61BR-20220524

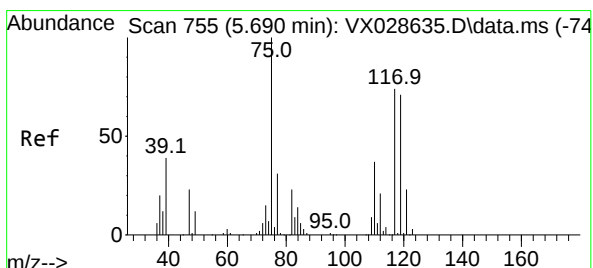
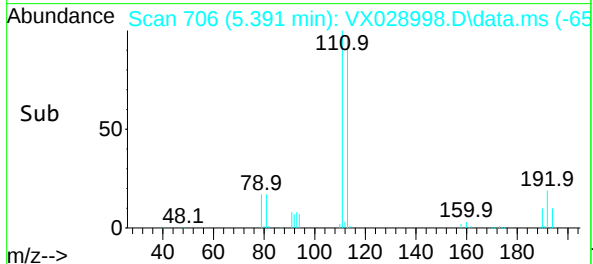
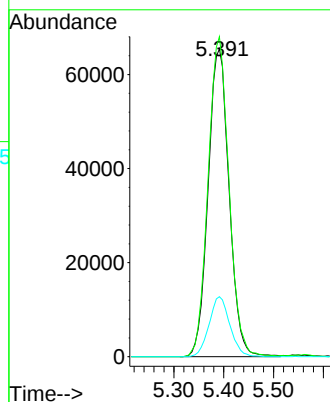
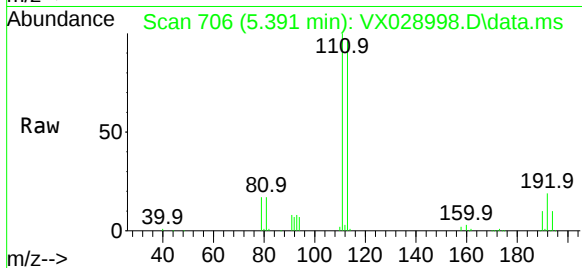
Tgt Ion:113 Resp: 191393

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.404 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

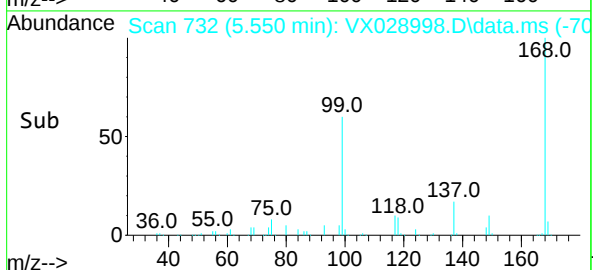
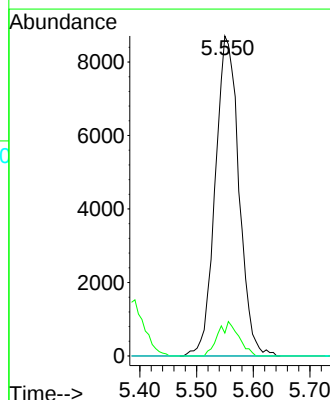
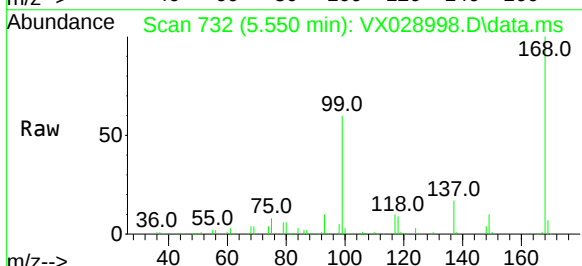
Tgt Ion: 75 Resp: 25243

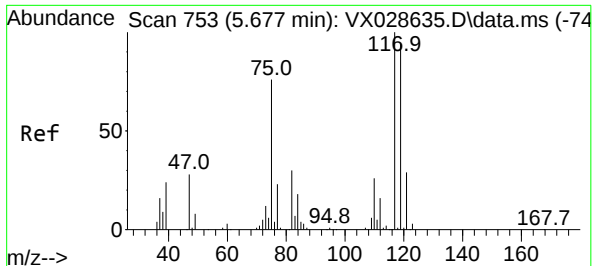
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

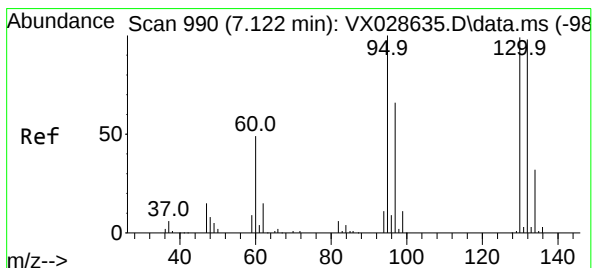
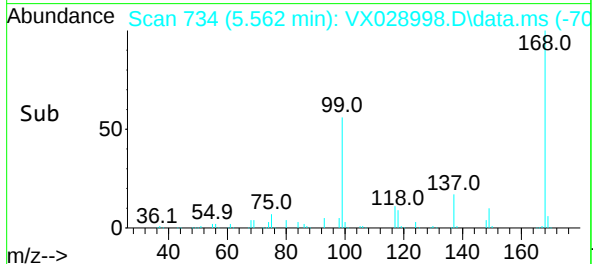
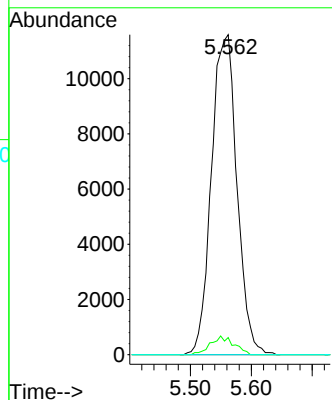
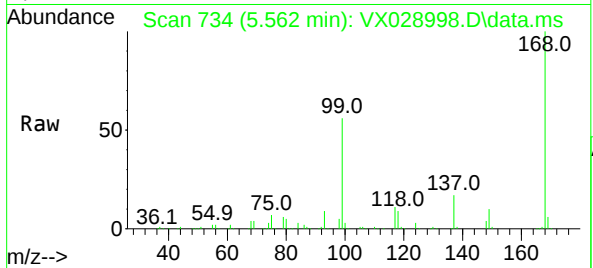




#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

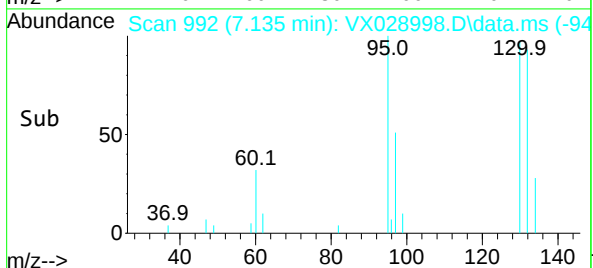
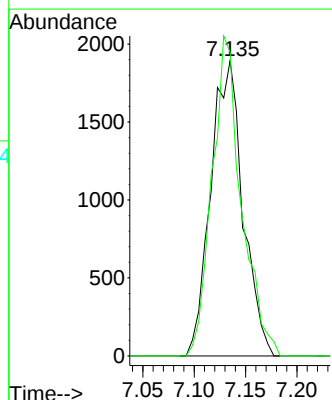
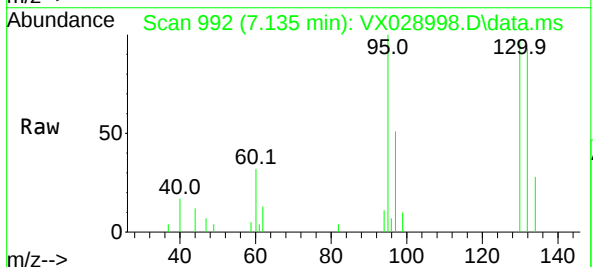
Instrument :
MSVOA_X
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61BR-20220524

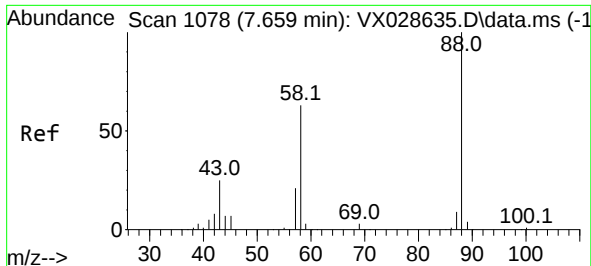
Tgt Ion:117 Resp: 33727
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.923 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.013 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Tgt Ion:130 Resp: 4124
Ion Ratio Lower Upper
130 100
95 102.8 0.0 188.8





#49

1,4-Dioxane

Concen: 0.487 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.031 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

61BR-20220524

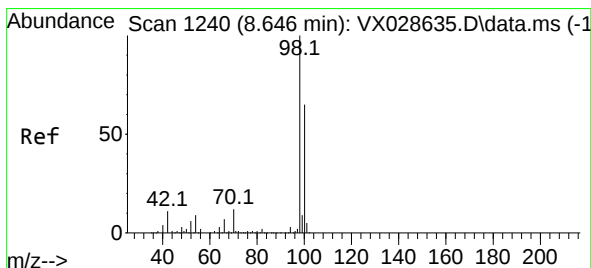
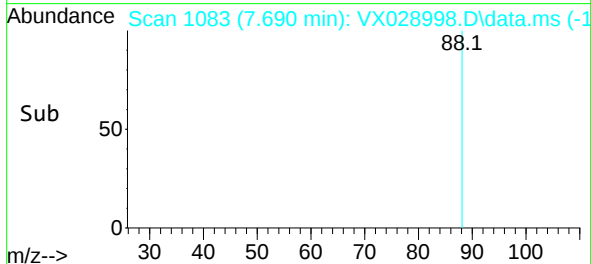
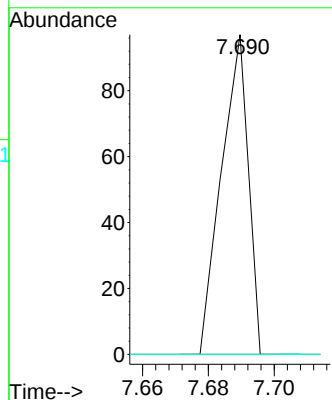
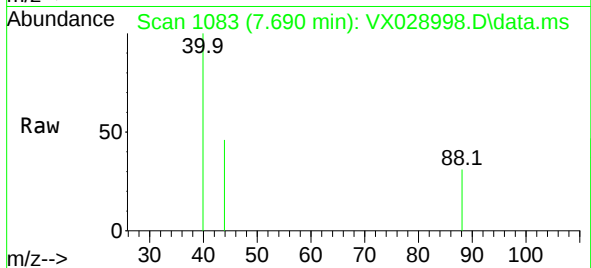
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 48.211 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028998.D

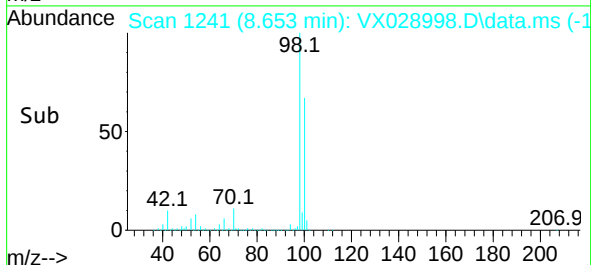
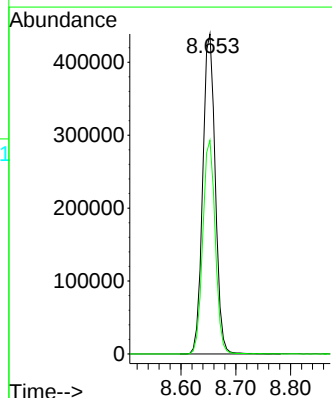
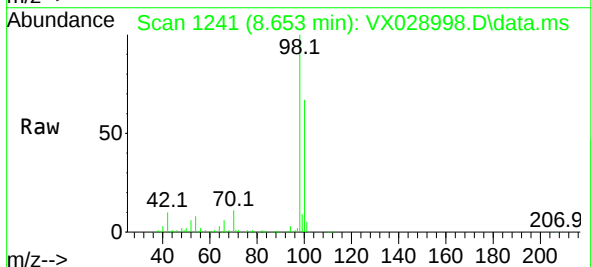
Acq: 26 May 2022 14:52

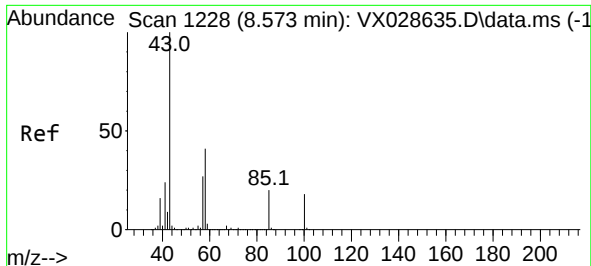
Tgt Ion: 98 Resp: 693607

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.429 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.080 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

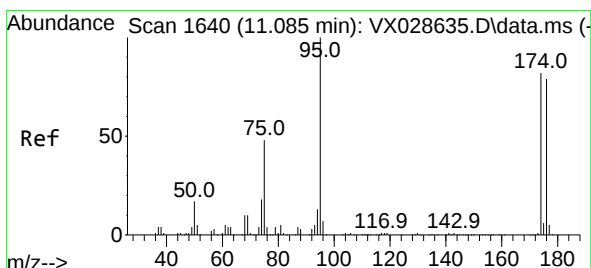
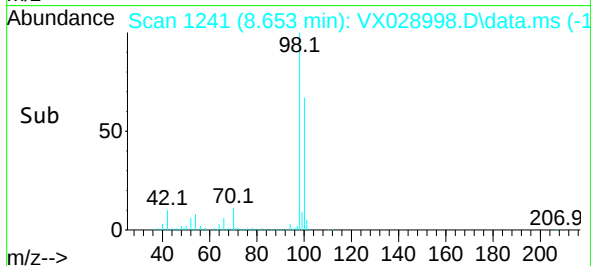
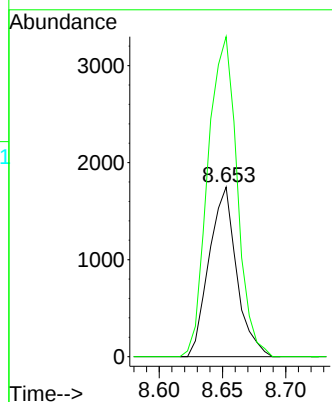
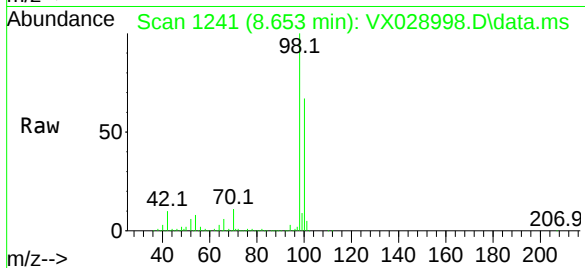
61BR-20220524

Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

58 200.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.443 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028998.D

Acq: 26 May 2022 14:52

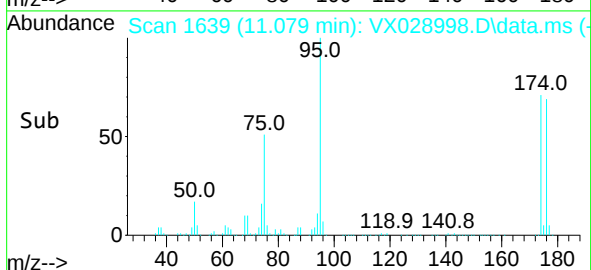
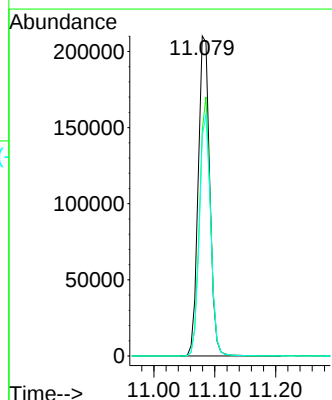
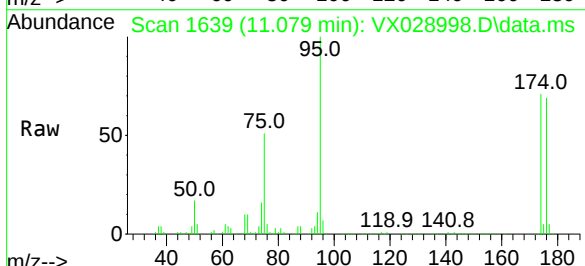
Tgt Ion: 95 Resp: 276431

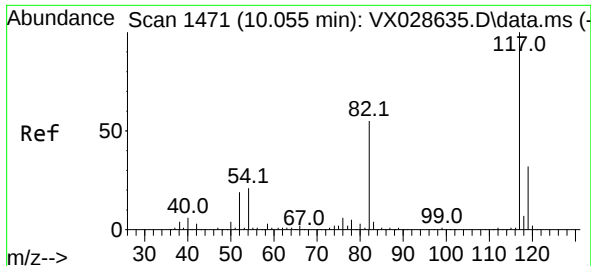
Ion Ratio Lower Upper

95 100

174 76.9 0.0 163.0

176 73.6 0.0 155.0

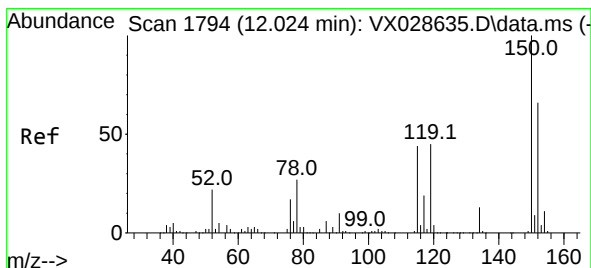
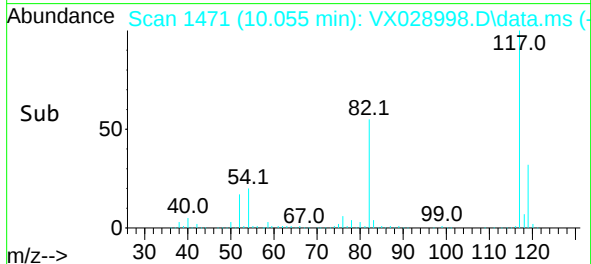
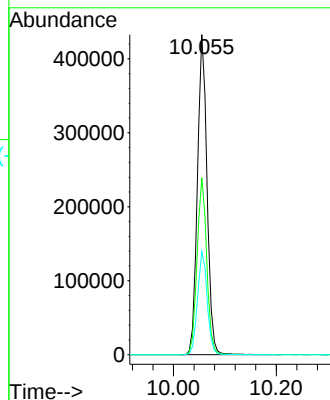
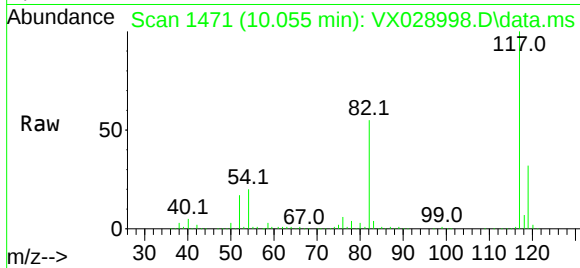




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

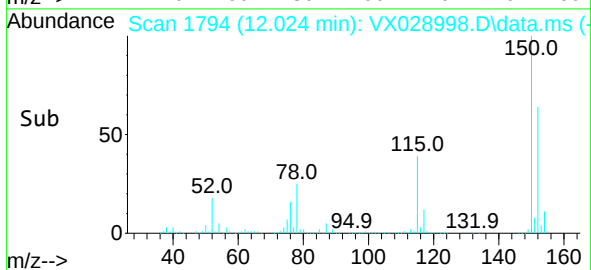
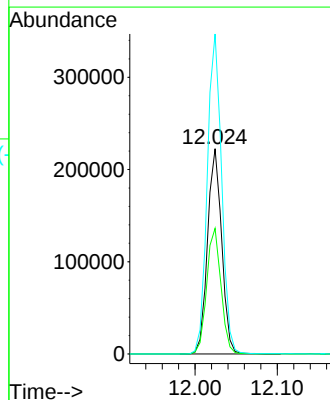
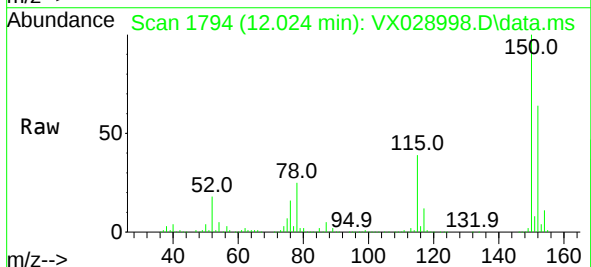
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

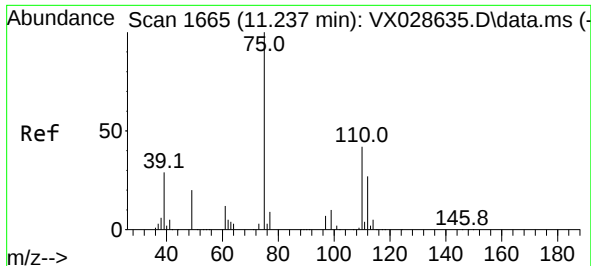
Tgt Ion:117 Resp: 562538
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Tgt Ion:152 Resp: 266031
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.3 0.0 338.2

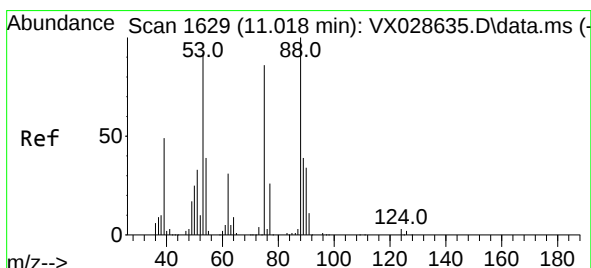
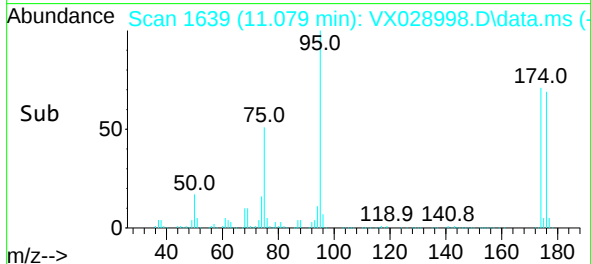
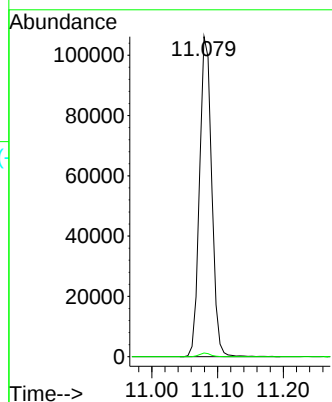
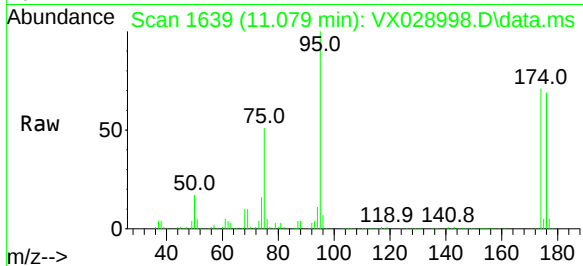




#76
1,2,3-Trichloropropane
Concen: 21.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

Tgt Ion: 75 Resp: 136818
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028998.D
Acq: 26 May 2022 14:52

Tgt Ion: 75 Resp: 136818
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

