

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036965.D
 Acq On : 14 Aug 2023 15:24
 Operator : JC/MD
 Sample : 03996-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20230811

Quant Time: Aug 15 01:29:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

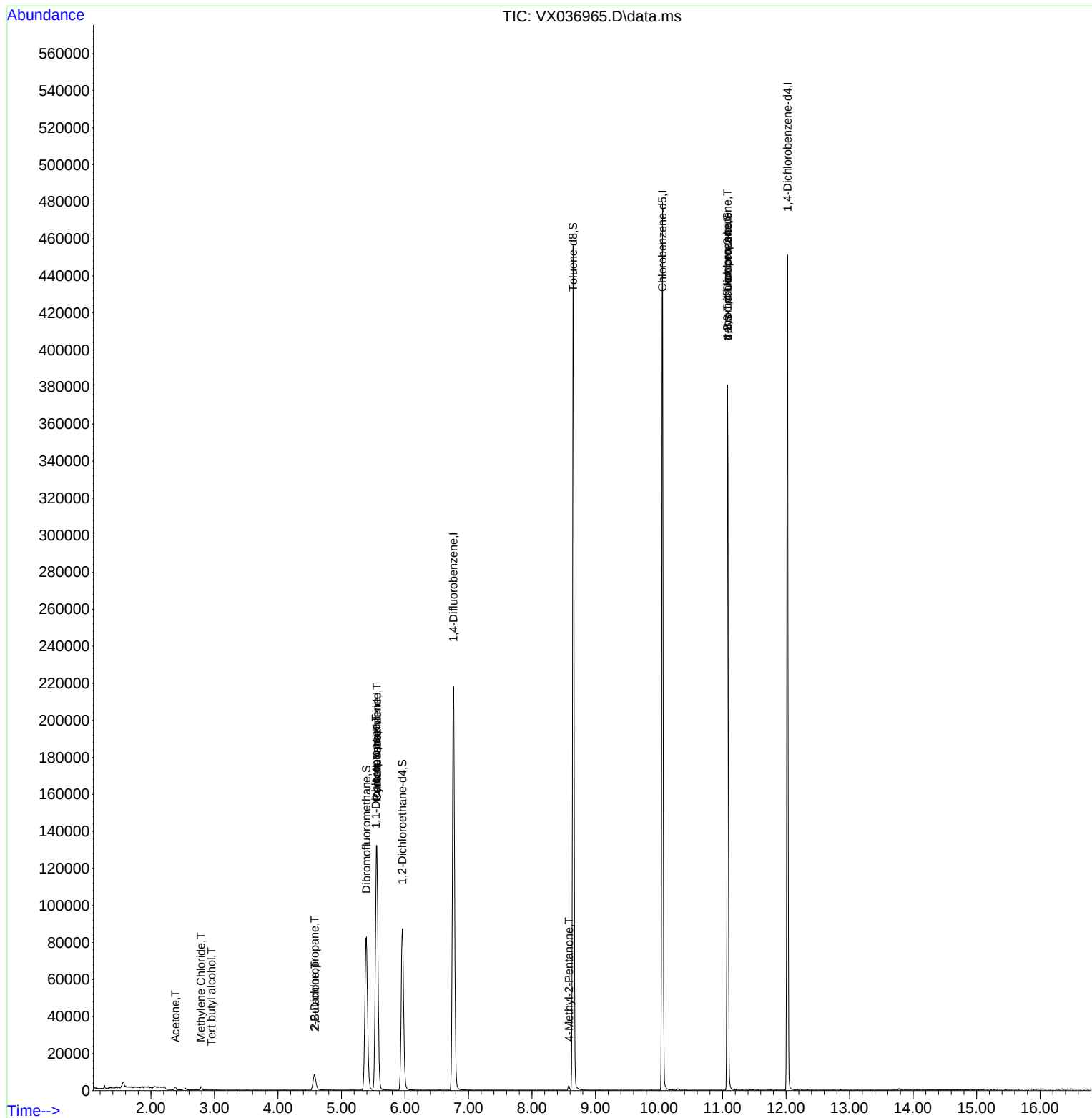
Internal Standards						
1) Pentafluorobenzene	5.556	168	124073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87728	47.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.580%		
35) Dibromofluoromethane	5.391	113	72627	46.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.840%		
50) Toluene-d8	8.647	98	273193	49.234	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	104491	49.913	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	129	0.297	ug/l #	78
16) Acetone	2.386	43	1843	2.419	ug/l #	89
20) Methylene Chloride	2.788	84	1039	0.613	ug/l #	84
25) 2-Butanone	4.580	43	843	0.682	ug/l	94
26) 2,2-Dichloropropane	4.574	77	644	0.235	ug/l #	54
31) Cyclohexane	5.556	56	2807	1.104	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	10128	4.343	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13203	5.325	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	1489	0.592	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	54835	24.541	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54835	55.625	ug/l #	5

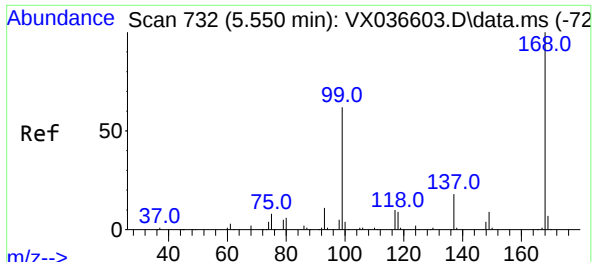
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
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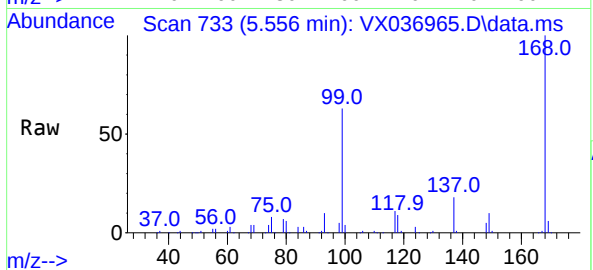
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



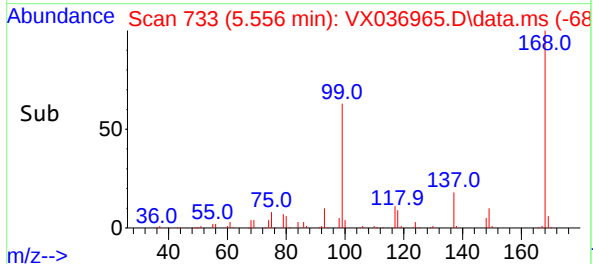
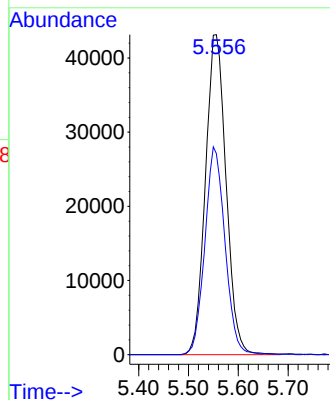


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
EB-20230811

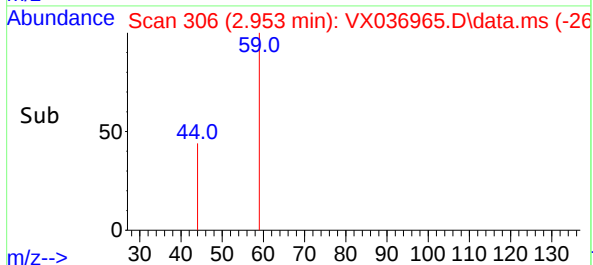
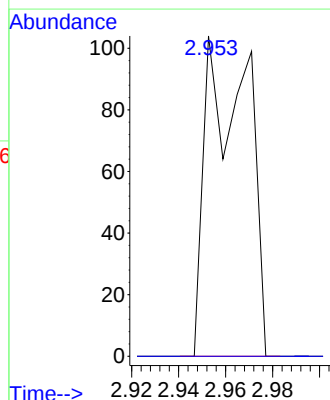
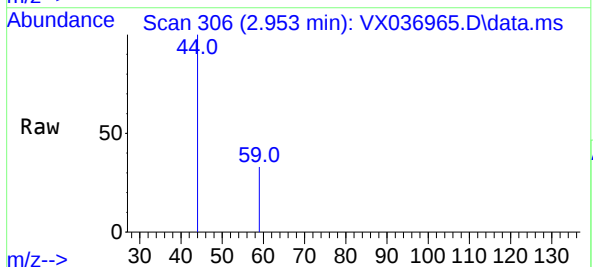


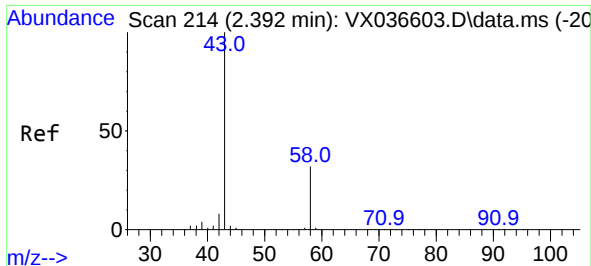
Tgt Ion:168 Resp: 124073
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

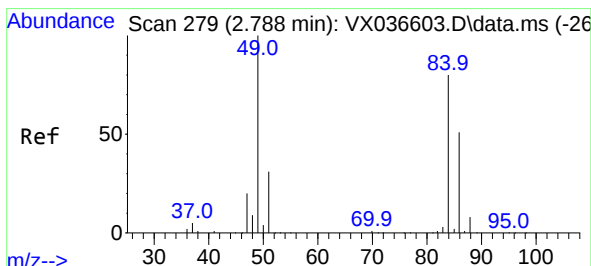
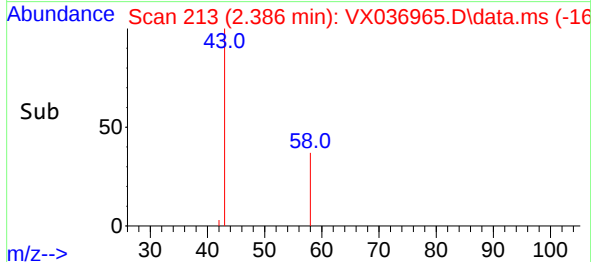
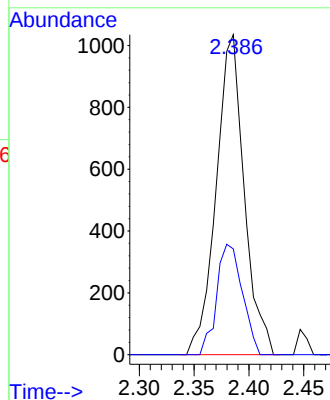
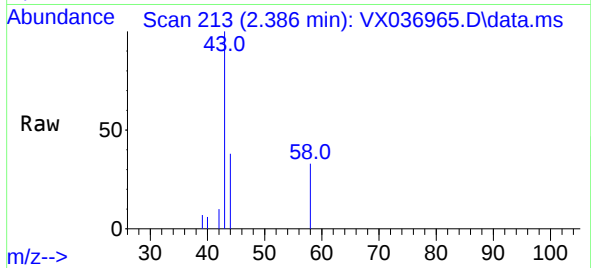




#16
Acetone
Concen: 2.419 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

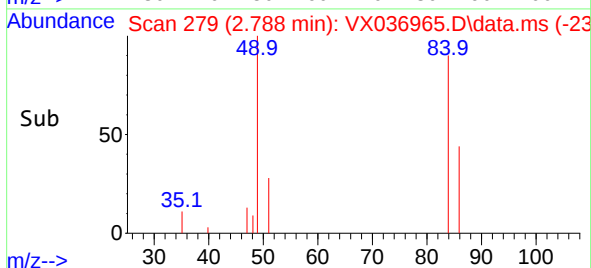
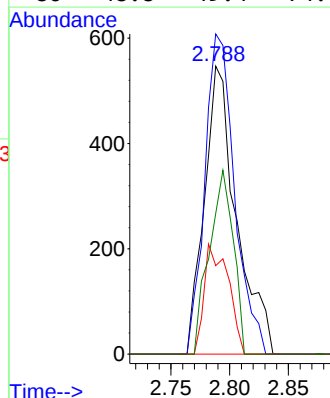
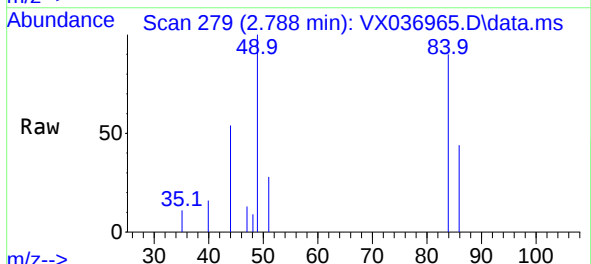
Instrument :
MSVOA_X
ClientSampleId :
EB-20230811

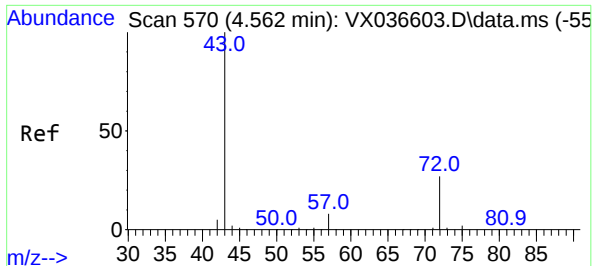
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.613 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion: 84 Resp: 1039
Ion Ratio Lower Upper
84 100
49 111.2 103.6 155.4
51 30.7 33.8 50.6#
86 48.8 49.4 74.0#





#25

2-Butanone

Concen: 0.682 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX036965.D

Acq: 14 Aug 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

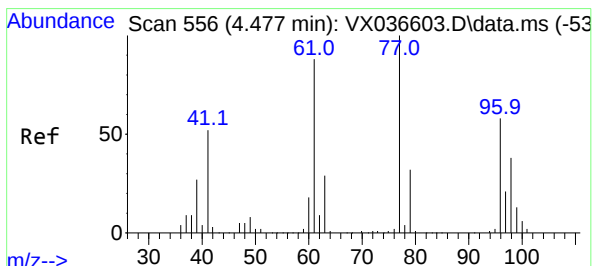
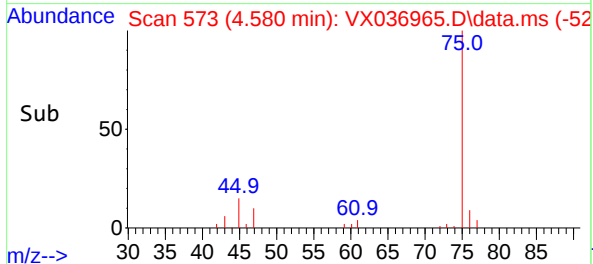
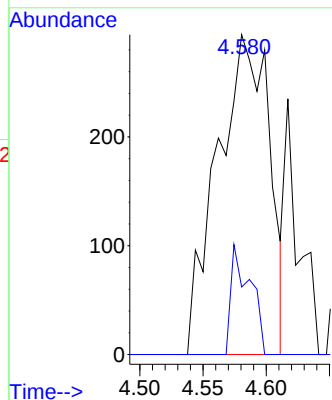
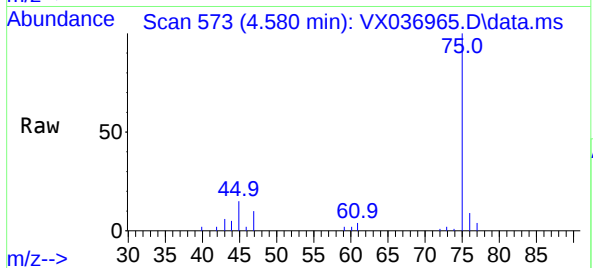
EB-20230811

Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

43 100

72 21.1 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.235 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.098 min

Lab File: VX036965.D

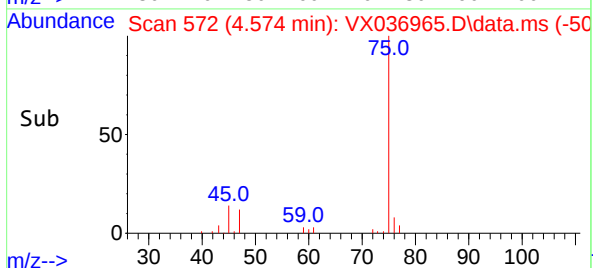
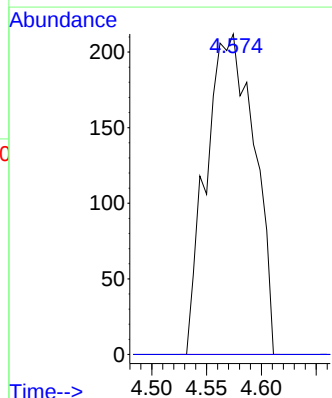
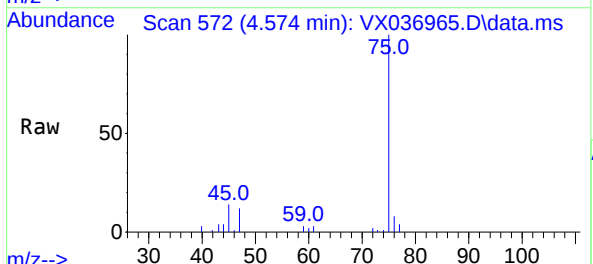
Acq: 14 Aug 2023 15:24

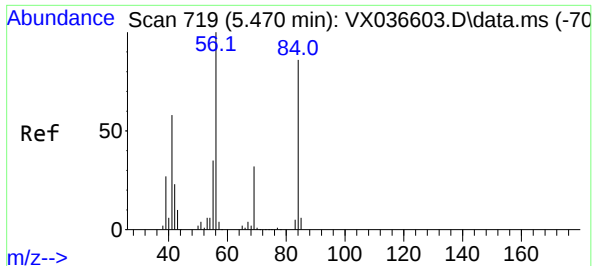
Tgt Ion: 77 Resp: 644

Ion Ratio Lower Upper

77 100

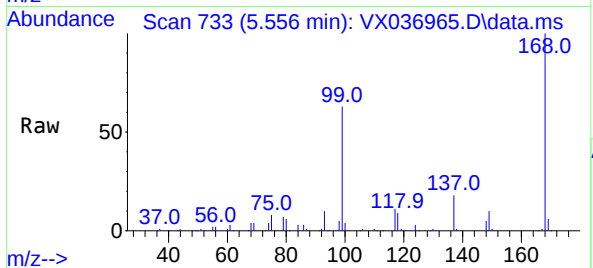
97 0.0 10.8 32.3#



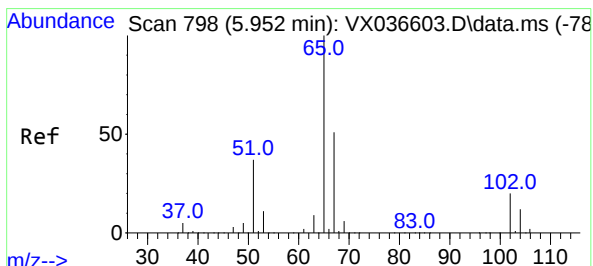
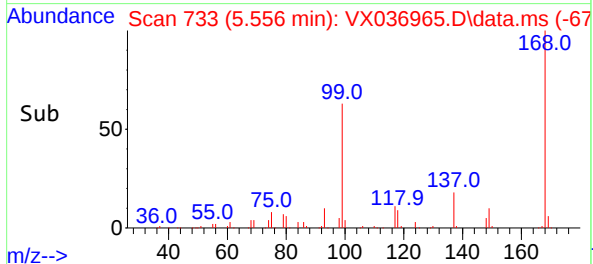
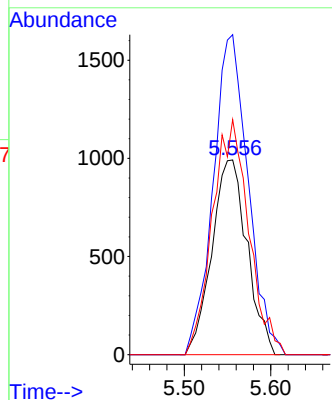


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
EB-20230811

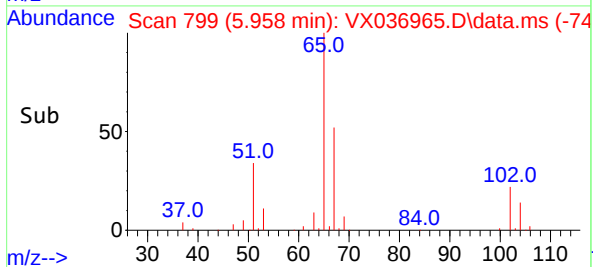
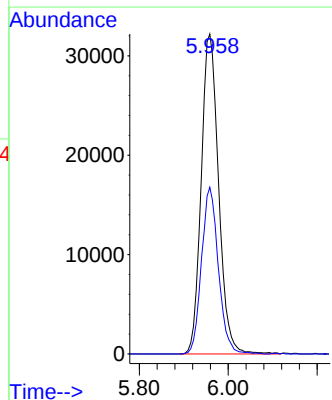
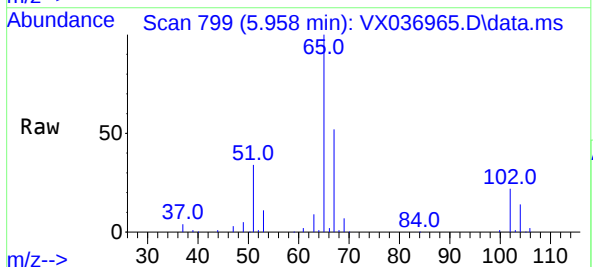


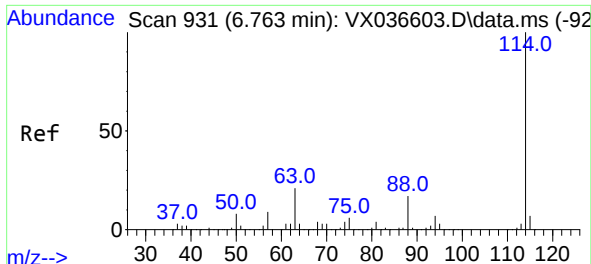
Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 164.3 23.4 35.2#
84 120.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.786 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion: 65 Resp: 87728
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

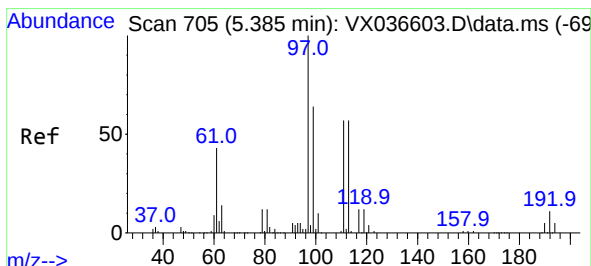
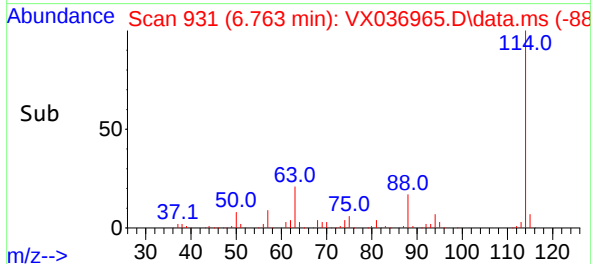
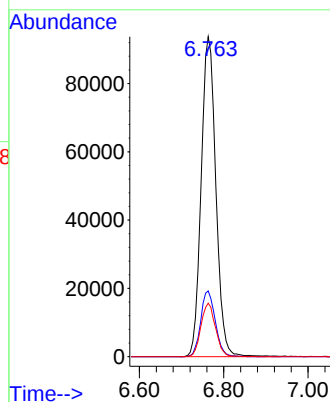
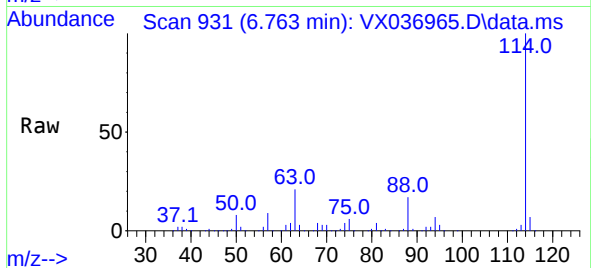




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

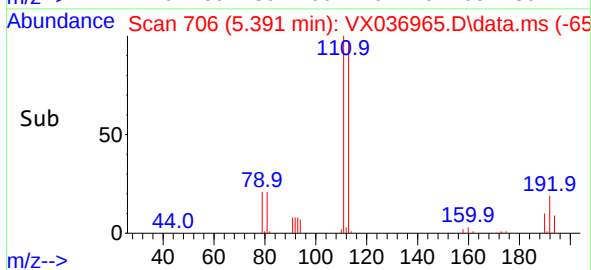
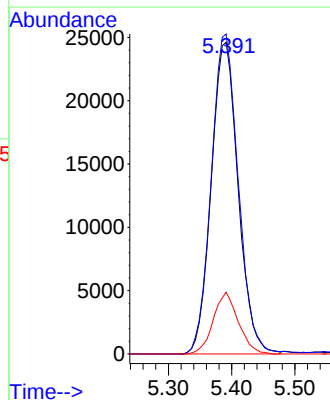
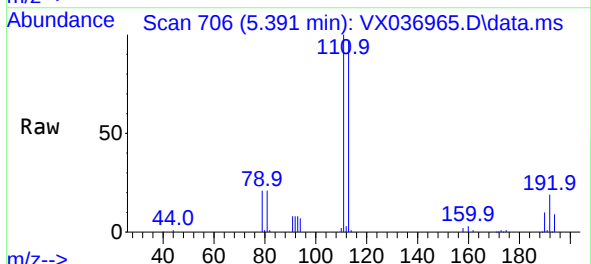
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ClientSampleId :
EB-20230811

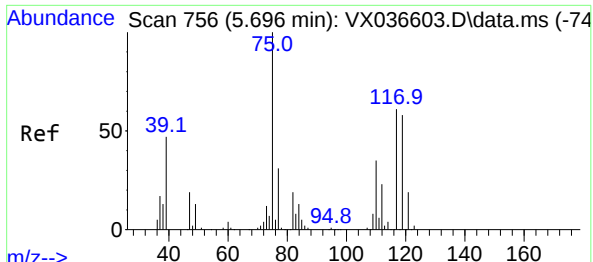
Tgt Ion:114 Resp: 227646
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.416 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion:113 Resp: 72627
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.343 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX036965.D

Acq: 14 Aug 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

EB-20230811

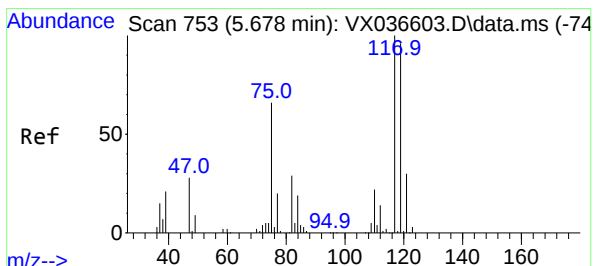
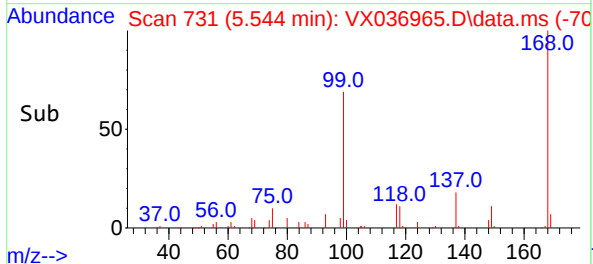
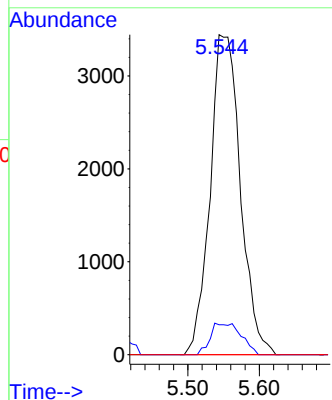
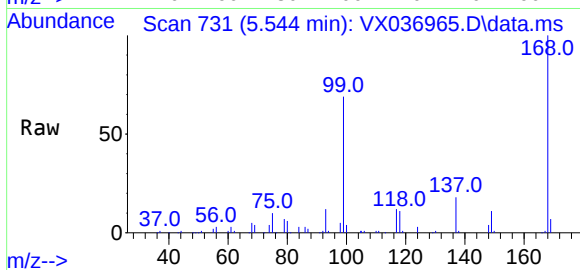
Tgt Ion: 75 Resp: 10128

Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.325 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX036965.D

Acq: 14 Aug 2023 15:24

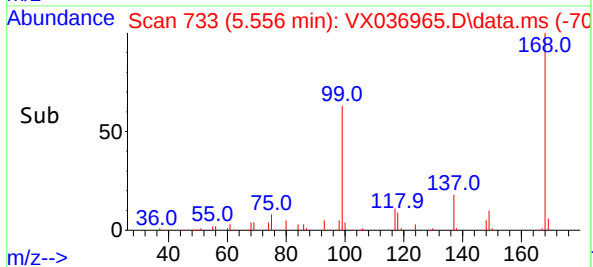
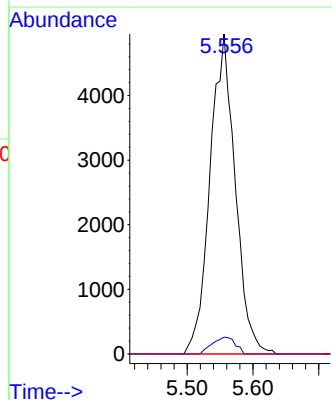
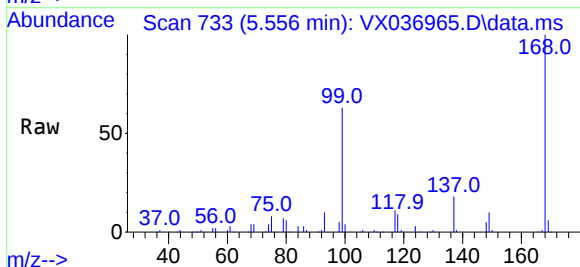
Tgt Ion: 117 Resp: 13203

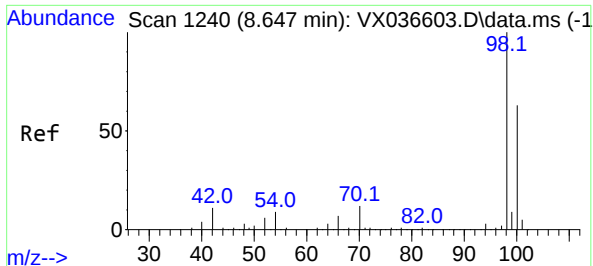
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.234 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036965.D

Acq: 14 Aug 2023 15:24

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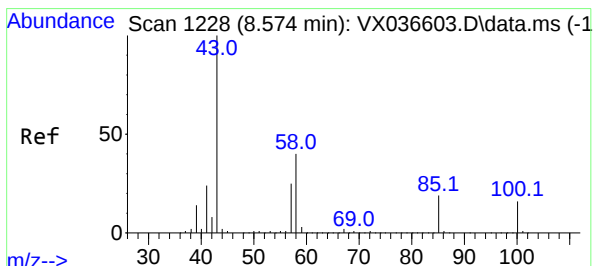
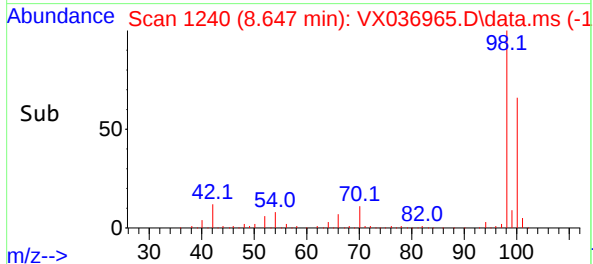
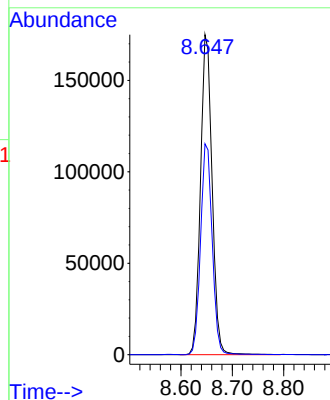
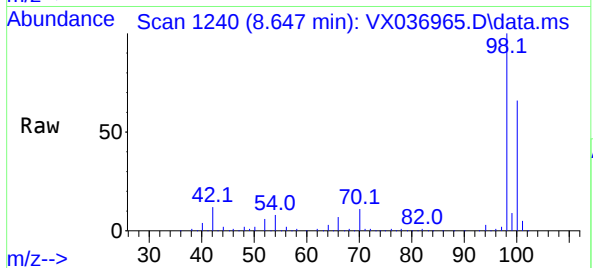
EB-20230811

Tgt Ion: 98 Resp: 273193

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.592 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036965.D

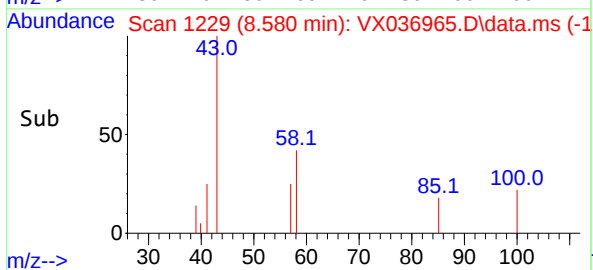
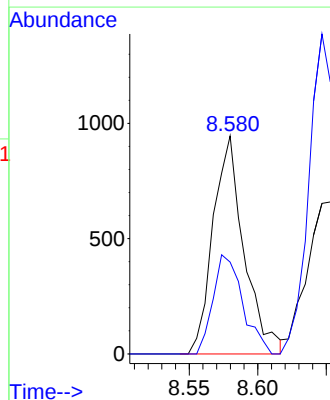
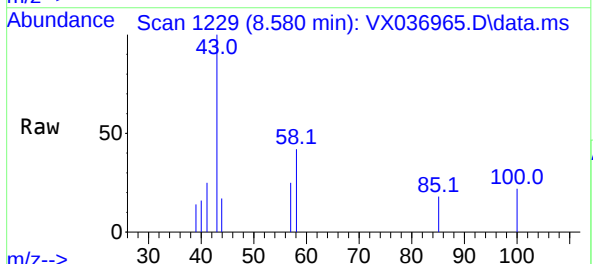
Acq: 14 Aug 2023 15:24

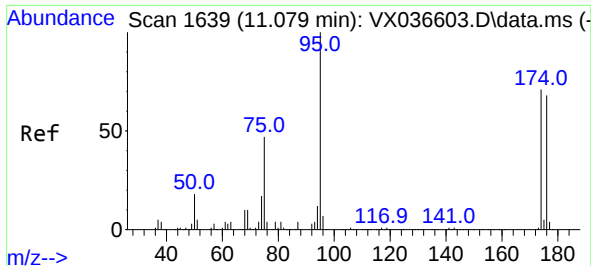
Tgt Ion: 43 Resp: 1489

Ion Ratio Lower Upper

43 100

58 43.4 30.4 45.6

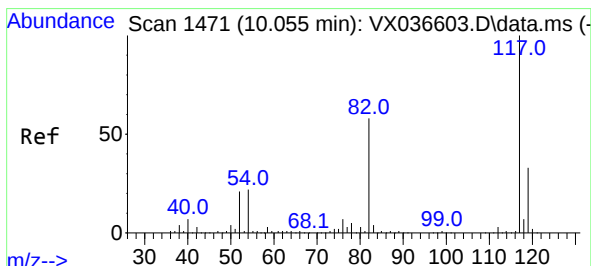
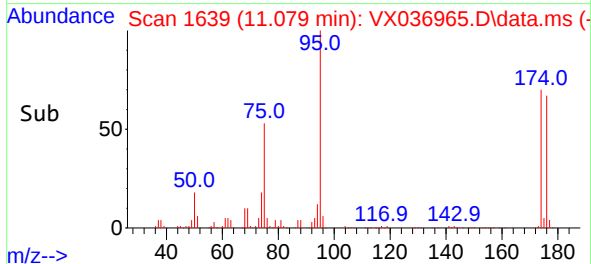
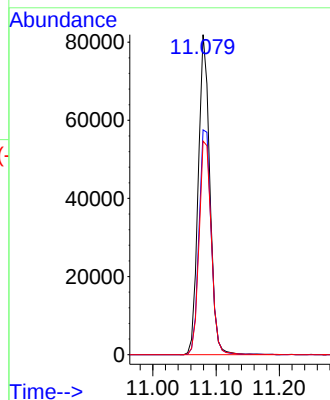
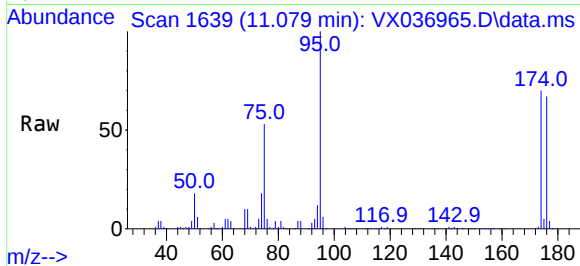




#62
4-Bromofluorobenzene
Concen: 49.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

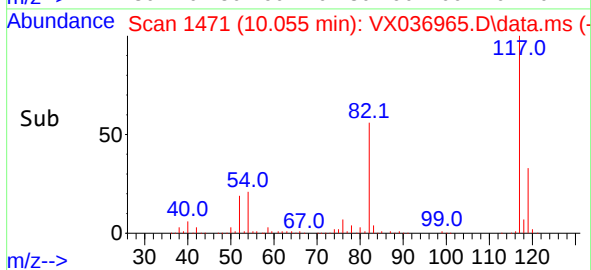
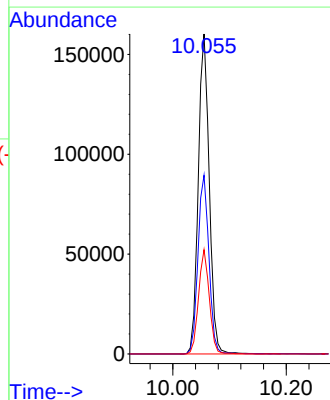
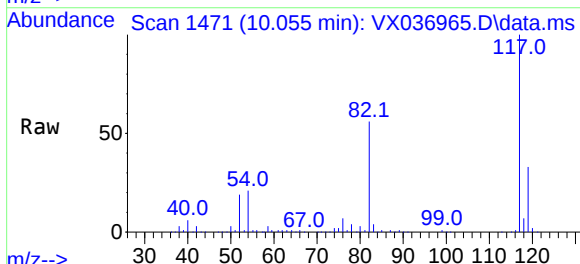
Instrument :
MSVOA_X
ClientSampleId :
EB-20230811

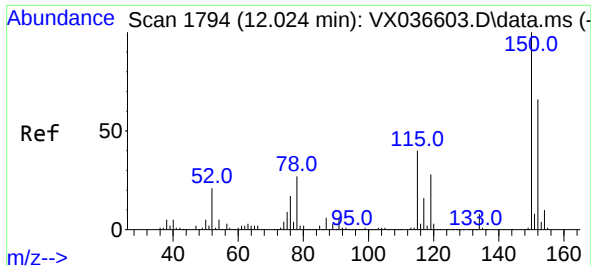
Tgt Ion: 95 Resp: 104491
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion: 117 Resp: 214829
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.6 25.5 38.3

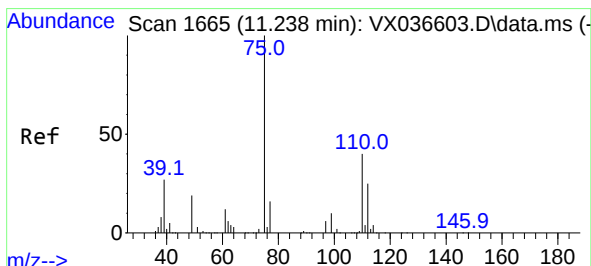
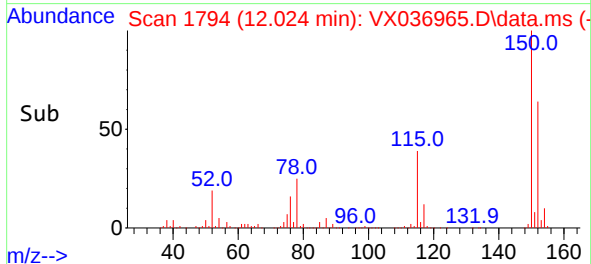
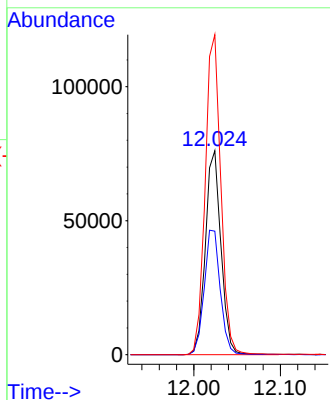
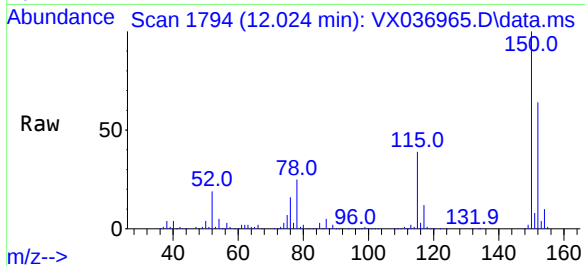




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

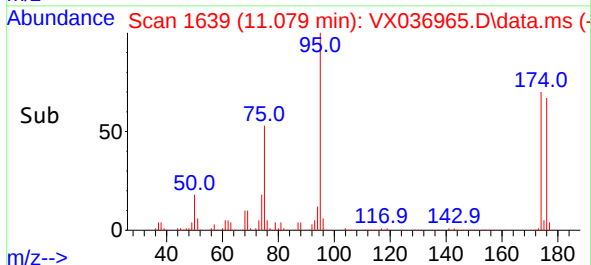
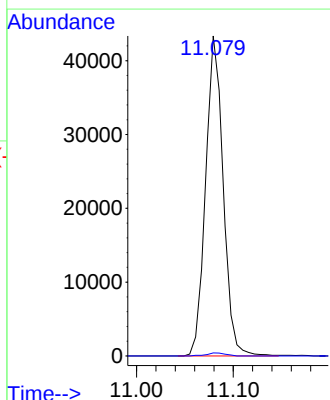
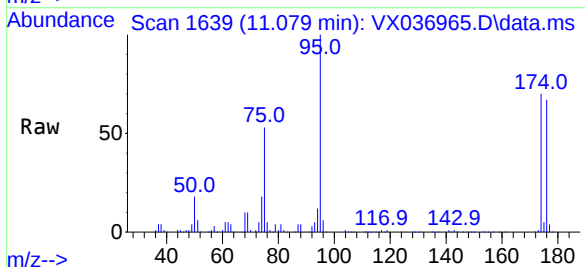
Instrument :
MSVOA_X
ClientSampleId :
EB-20230811

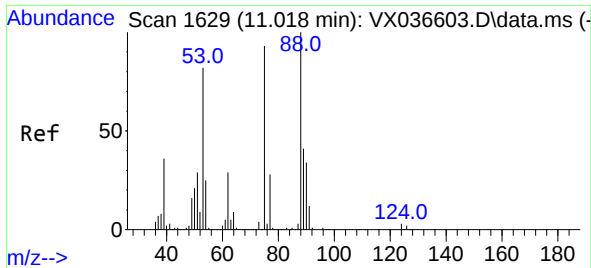
Tgt Ion:152 Resp: 94995
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 157.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036965.D
Acq: 14 Aug 2023 15:24

Tgt Ion: 75 Resp: 54835
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.625 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036965.D
 Acq: 14 Aug 2023 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20230811

Tgt Ion: 75 Resp: 54835
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

