

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037272.D
 Acq On : 25 Aug 2023 15:33
 Operator : JC/MD
 Sample : 04095-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20230817

Quant Time: Aug 26 02:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

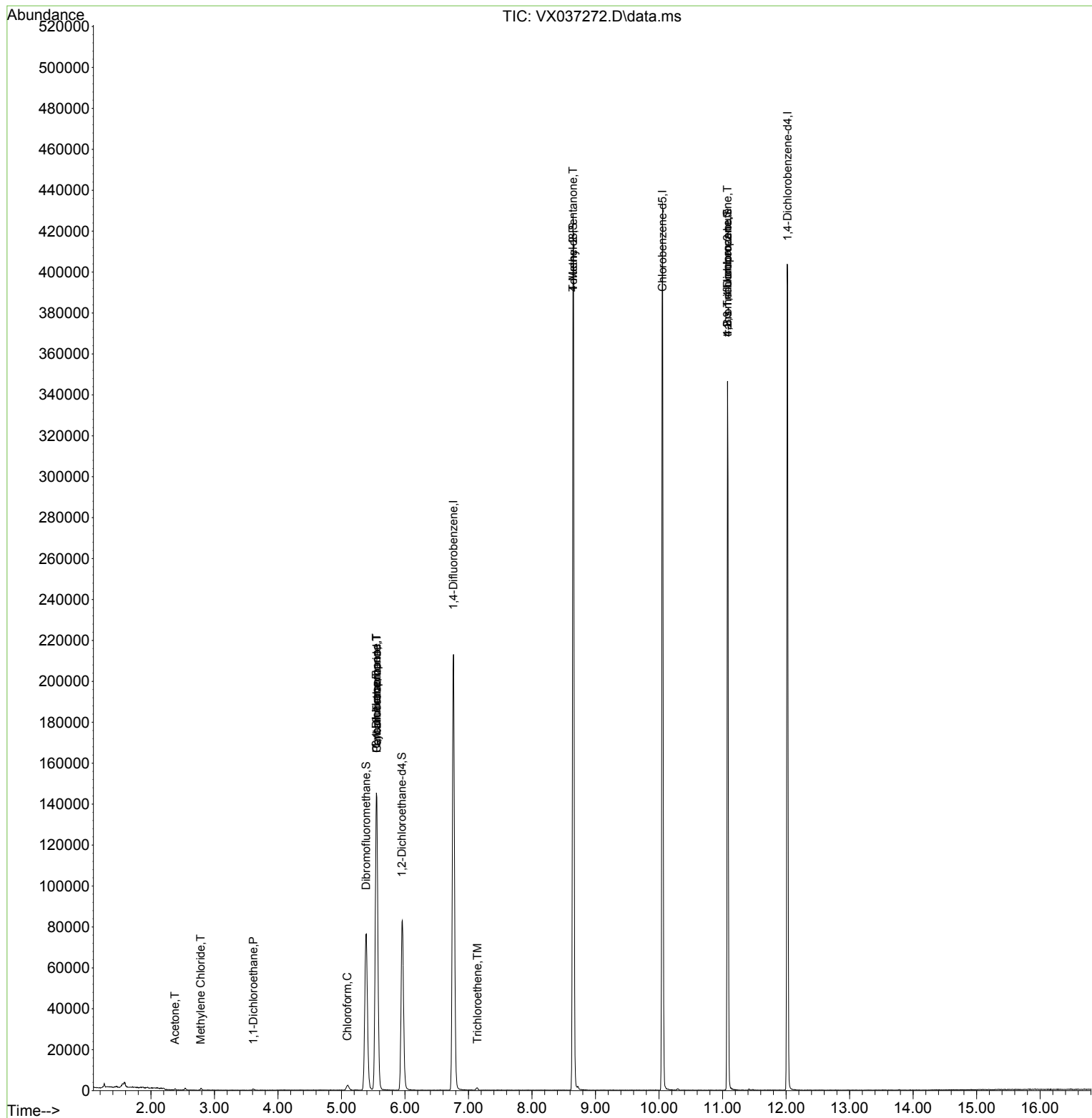
Internal Standards						
1) Pentafluorobenzene	5.556	168	136543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84785	43.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.140%
35) Dibromofluoromethane	5.385	113	68391	45.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	261941	48.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	95697	45.150	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	577	0.749	ug/l	97
20) Methylene Chloride	2.782	84	418	0.243	ug/l #	60
24) 1,1-Dichloroethane	3.611	63	883	0.315	ug/l #	83
30) Chloroform	5.092	83	3270	1.041	ug/l	89
31) Cyclohexane	5.550	56	2735	1.236	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10685	5.058	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14518	6.327	ug/l #	15
44) Trichloroethene	7.141	130	517	0.301	ug/l	63
51) 4-Methyl-2-Pentanone	8.647	43	945	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48106	26.279	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48106	73.400	ug/l #	5

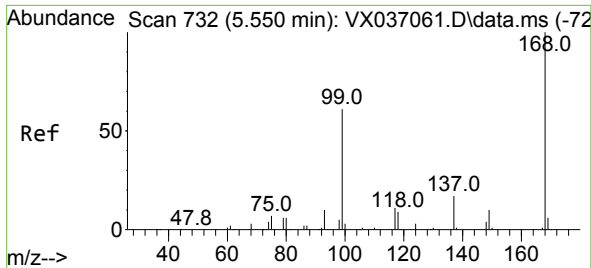
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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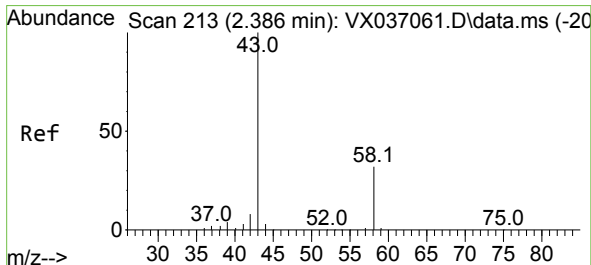
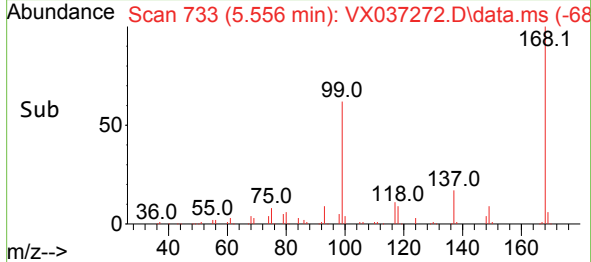
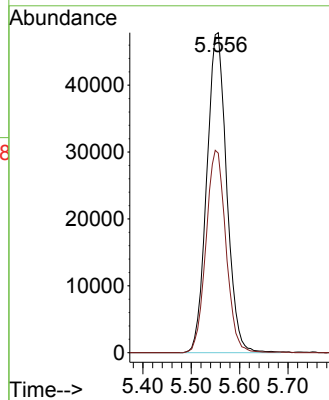
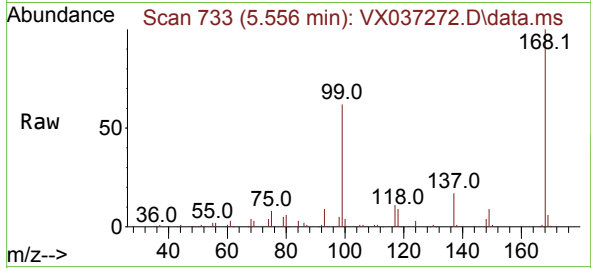




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

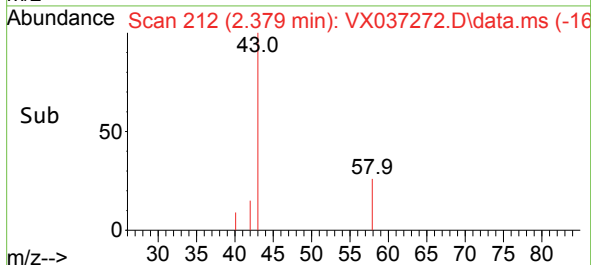
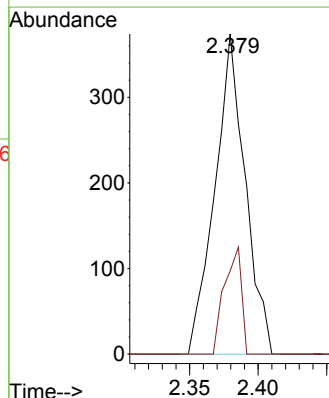
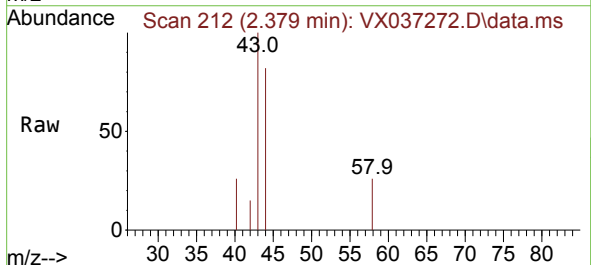
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20230817

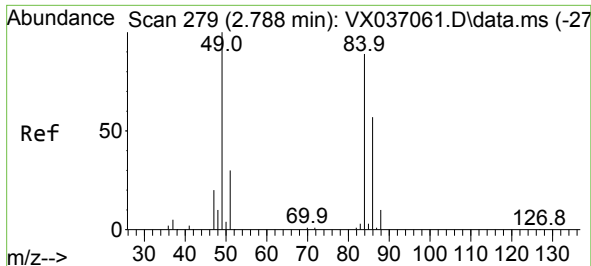
Tgt Ion:168 Resp: 136543
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#16
Acetone
Concen: 0.749 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9





#20

Methylene Chloride

Concen: 0.243 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037272.D

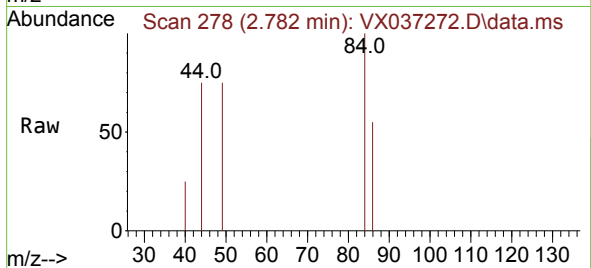
Acq: 25 Aug 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20230817



Tgt Ion: 84 Resp: 418

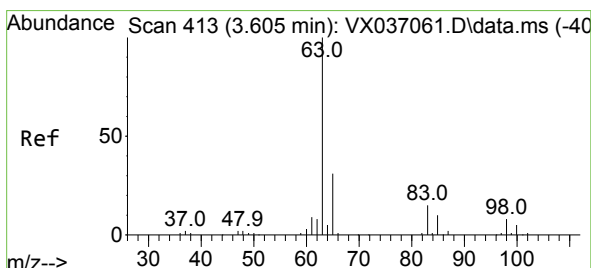
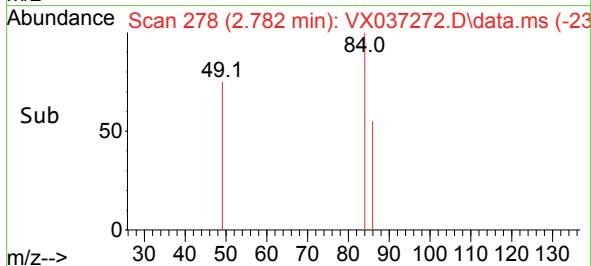
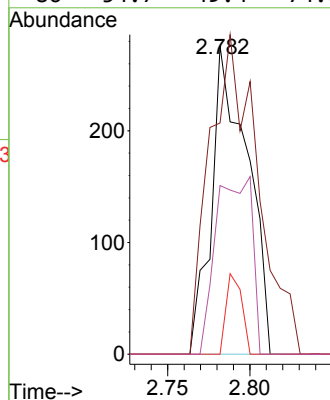
Ion Ratio Lower Upper

84 100

49 75.0 103.6 155.4#

51 0.0 33.8 50.6#

86 54.7 49.4 74.0



#24

1,1-Dichloroethane

Concen: 0.315 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX037272.D

Acq: 25 Aug 2023 15:33

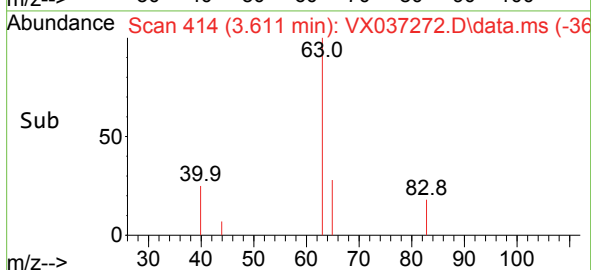
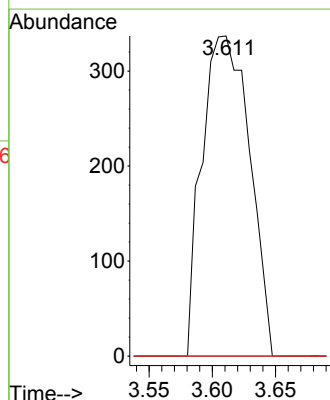
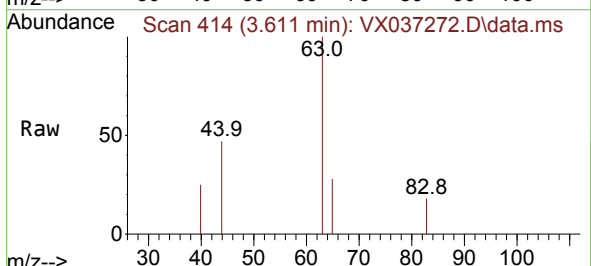
Tgt Ion: 63 Resp: 883

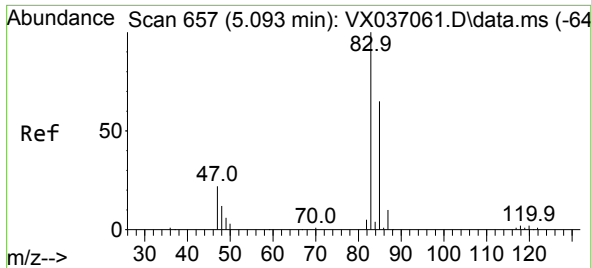
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#

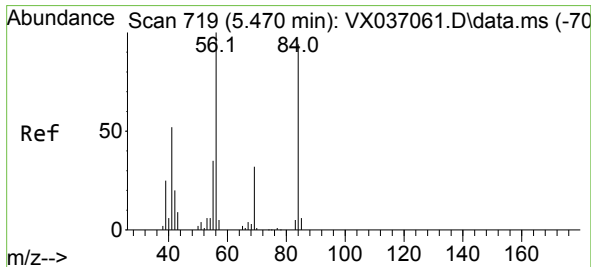
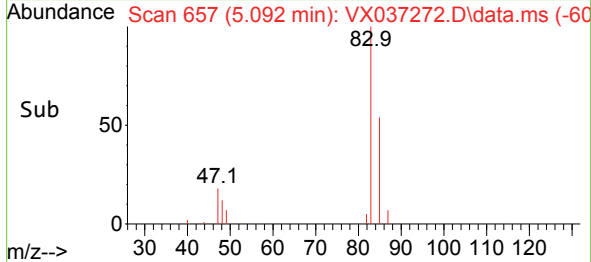
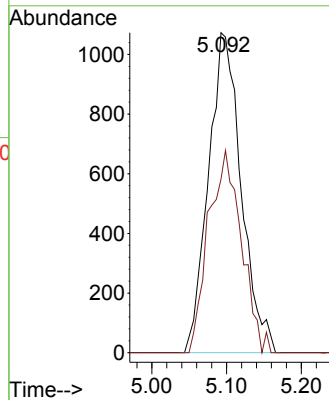
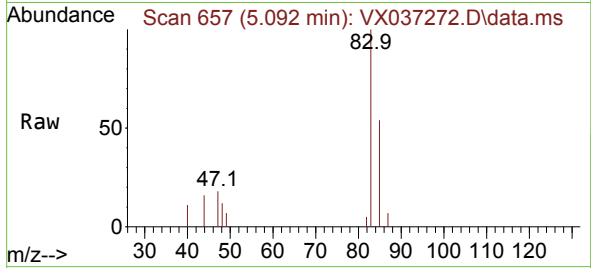




#30
Chloroform
Concen: 1.041 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

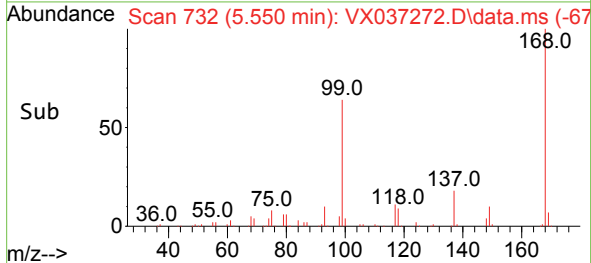
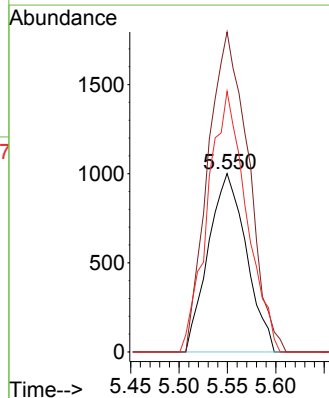
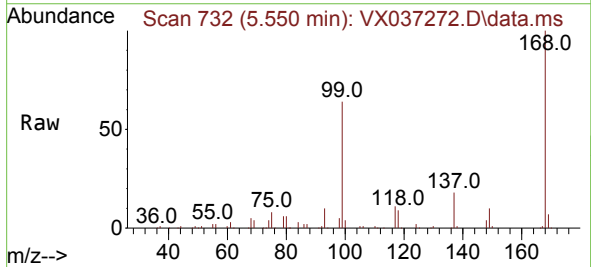
Instrument :
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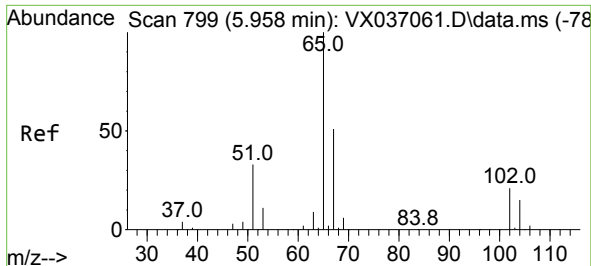
Tgt Ion: 83 Resp: 3270
Ion Ratio Lower Upper
83 100
85 54.2 50.3 75.5



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

Tgt Ion: 56 Resp: 2735
Ion Ratio Lower Upper
56 100
69 179.3 23.4 35.2#
84 146.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.071 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037272.D

Acq: 25 Aug 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

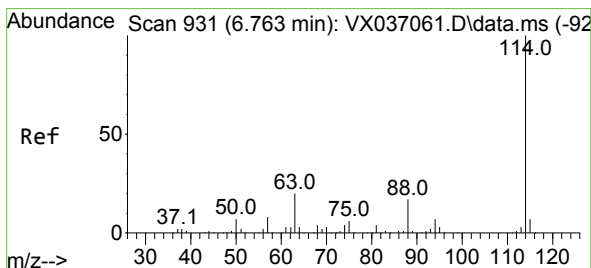
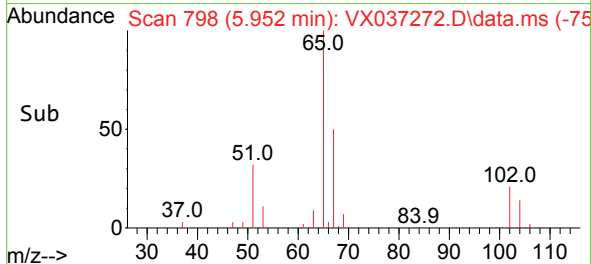
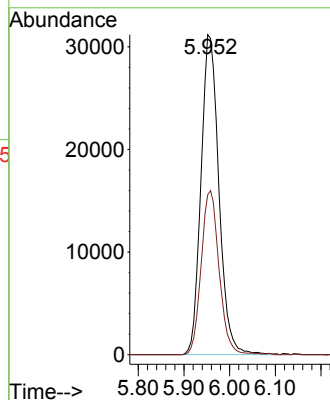
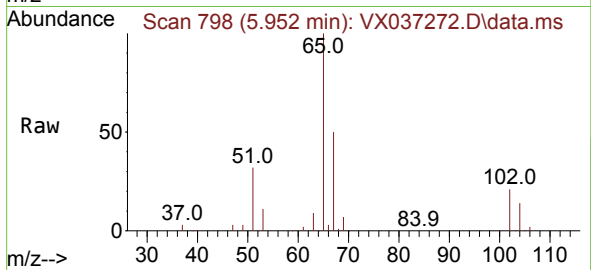
RE135D1-20230817

Tgt Ion: 65 Resp: 84785

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037272.D

Acq: 25 Aug 2023 15:33

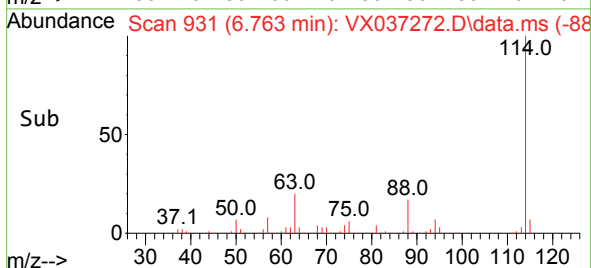
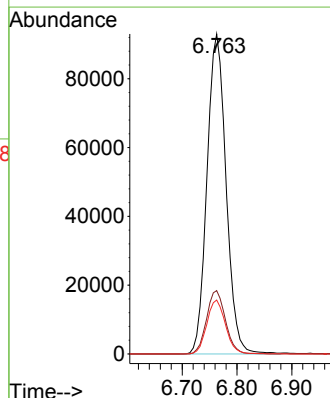
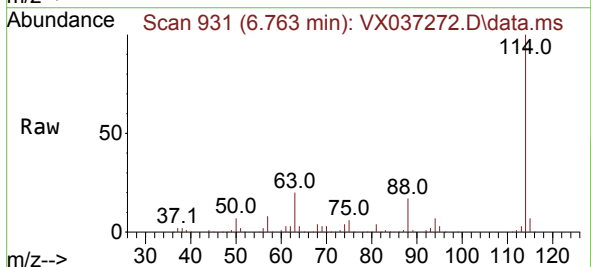
Tgt Ion: 114 Resp: 224509

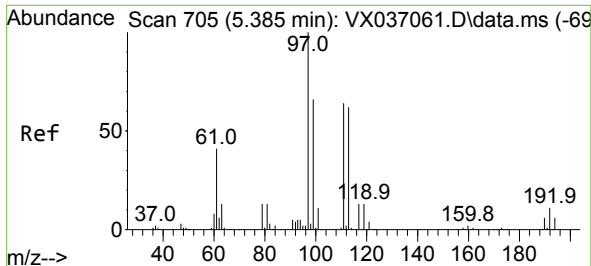
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.9 0.0 36.6

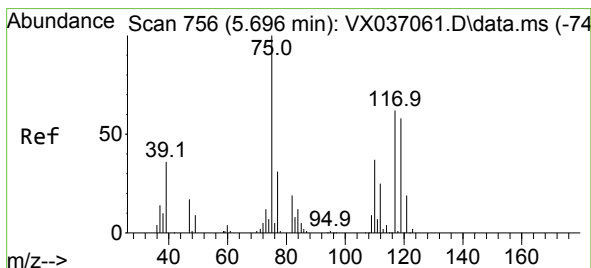
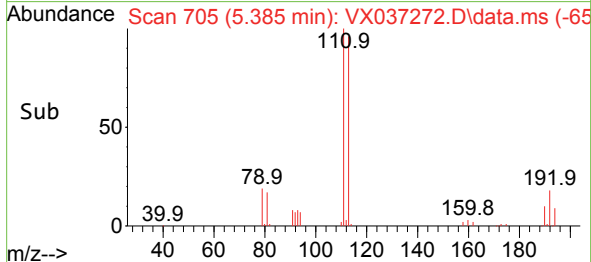
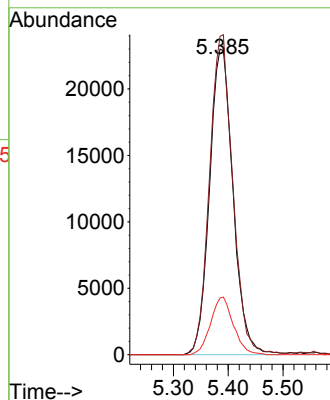
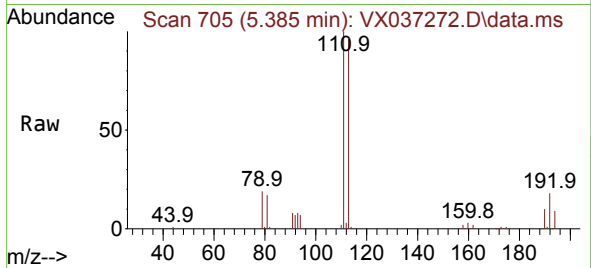




#35
Dibromofluoromethane
Concen: 45.997 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

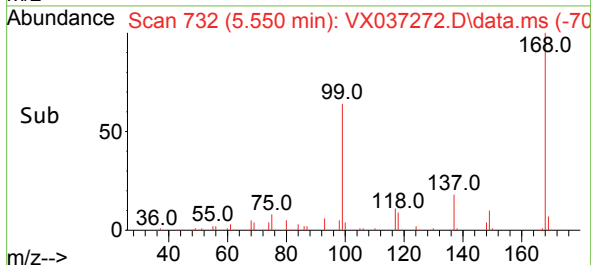
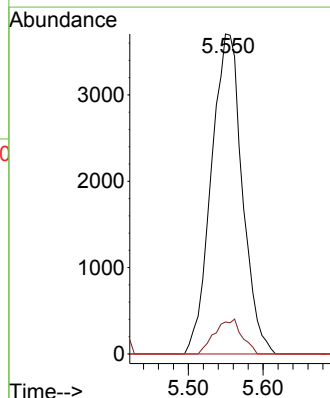
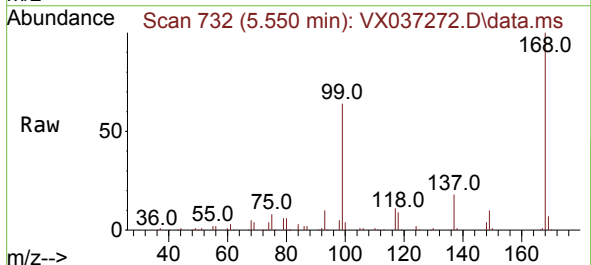
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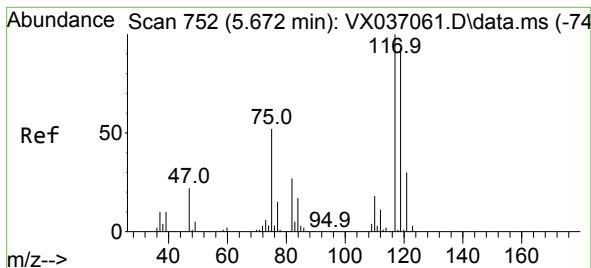
Tgt Ion:113 Resp: 68391
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

Tgt Ion: 75 Resp: 10685
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.327 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX037272.D

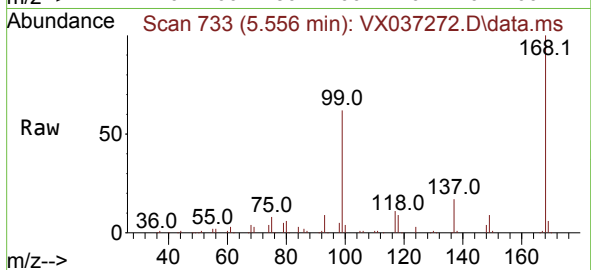
Acq: 25 Aug 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20230817



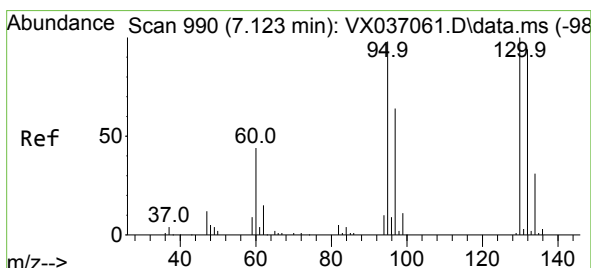
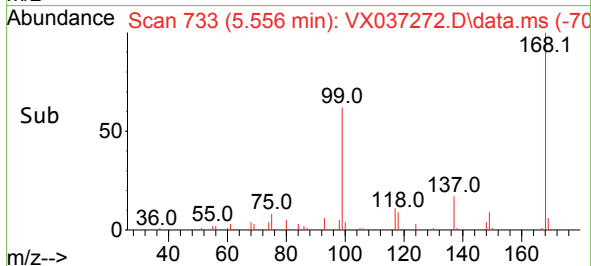
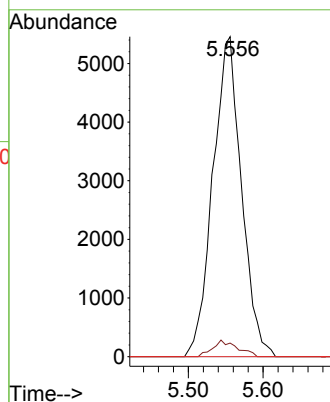
Tgt Ion:117 Resp: 14518

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.301 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.018 min

Lab File: VX037272.D

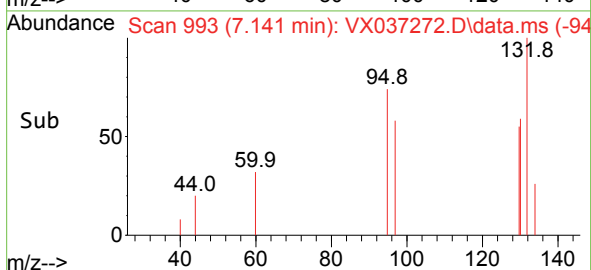
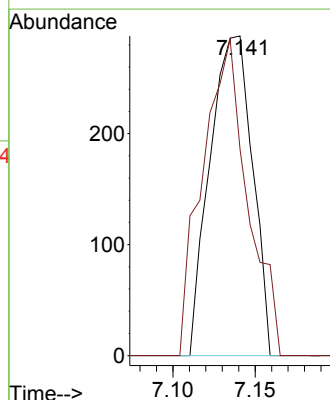
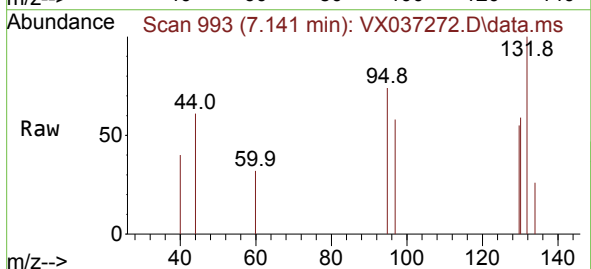
Acq: 25 Aug 2023 15:33

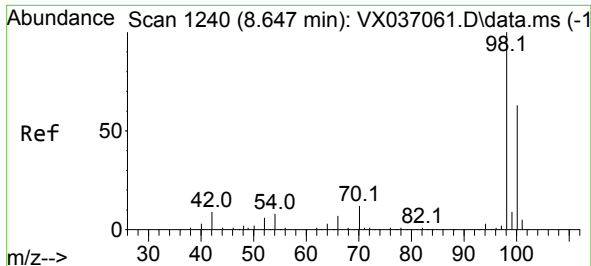
Tgt Ion:130 Resp: 517

Ion Ratio Lower Upper

130 100

95 64.6 0.0 204.4

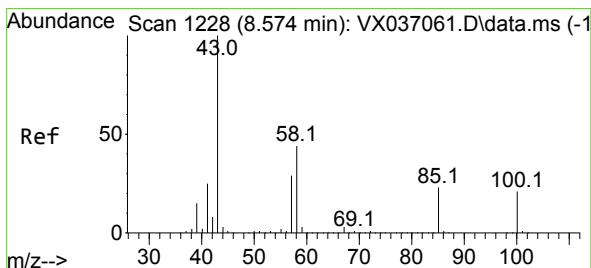
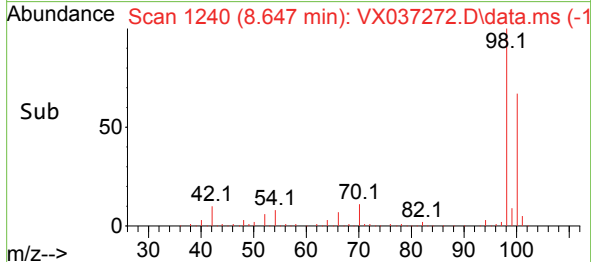
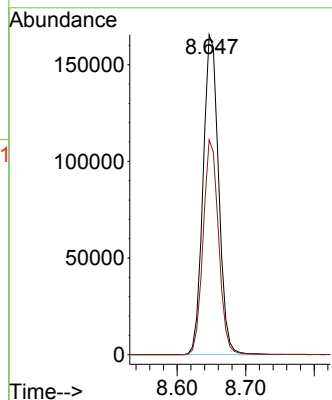
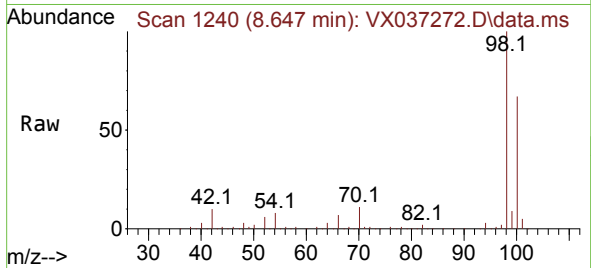




#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

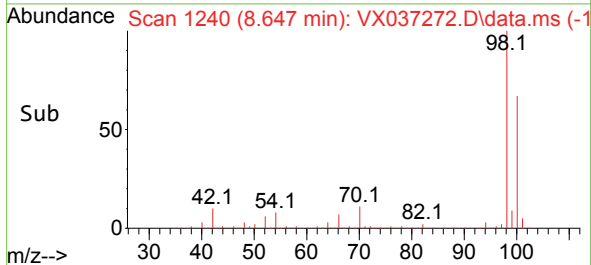
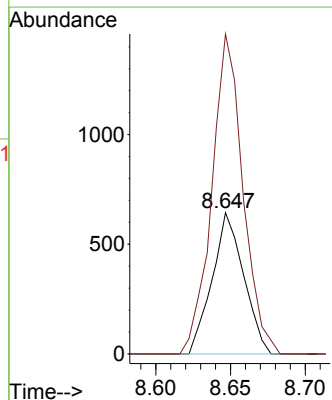
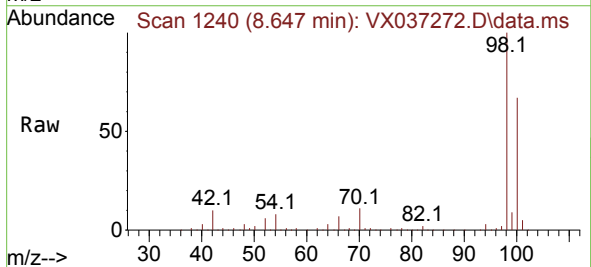
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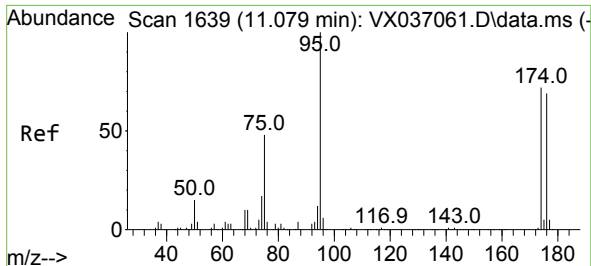
Tgt Ion: 98 Resp: 261941
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 223.1 30.4 45.6#

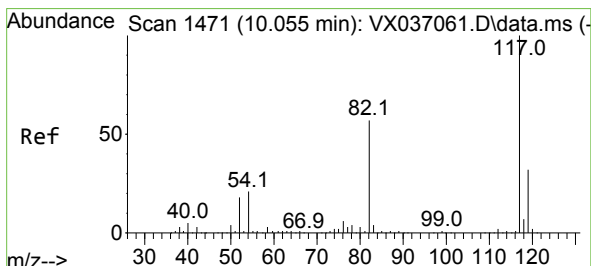
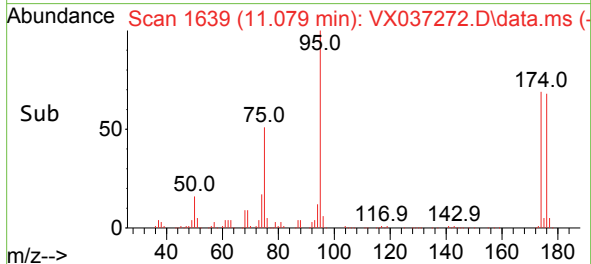
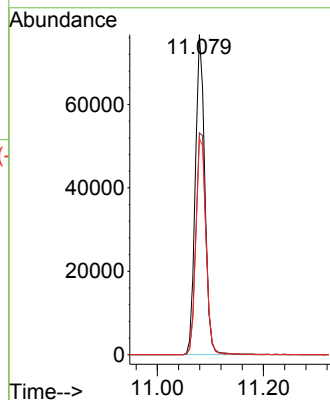
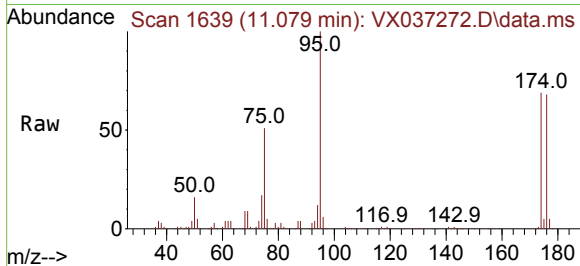




#62
4-Bromofluorobenzene
Concen: 45.150 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

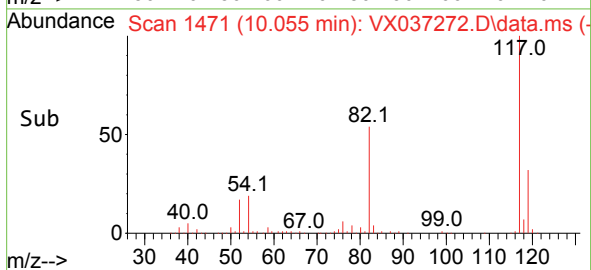
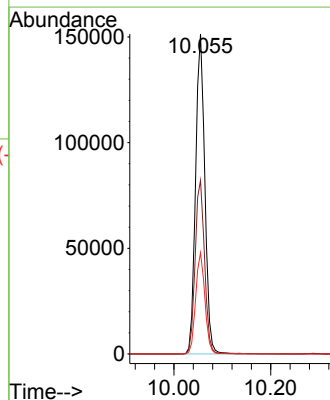
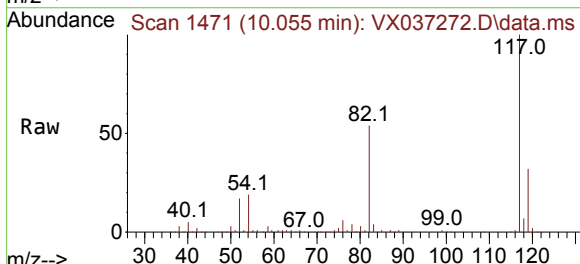
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20230817

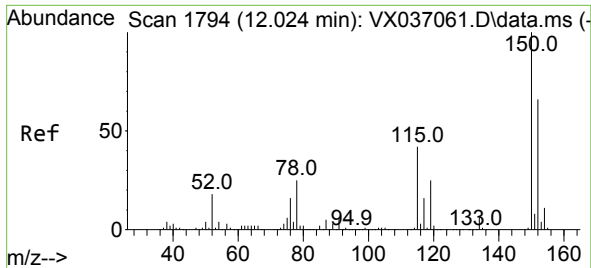
Tgt Ion: 95 Resp: 95697
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037272.D
Acq: 25 Aug 2023 15:33

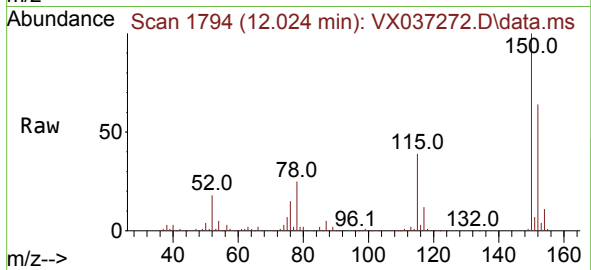
Tgt Ion: 117 Resp: 200364
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.6 25.5 38.3



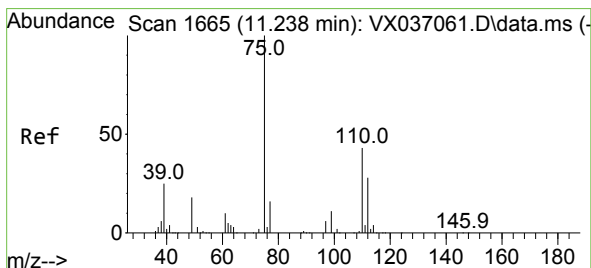
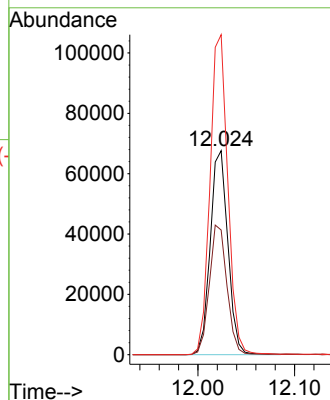
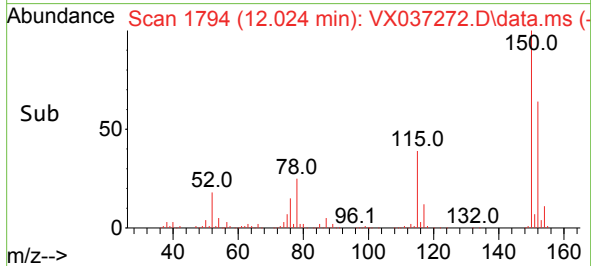


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037272.D
 Acq: 25 Aug 2023 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20230817

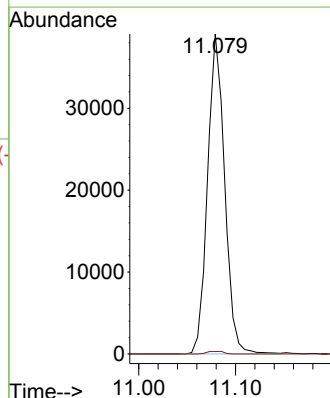
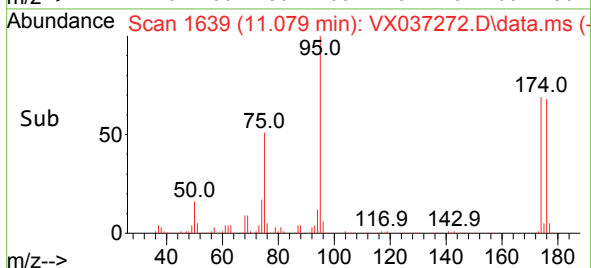
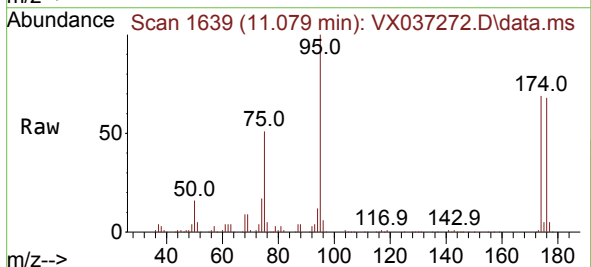


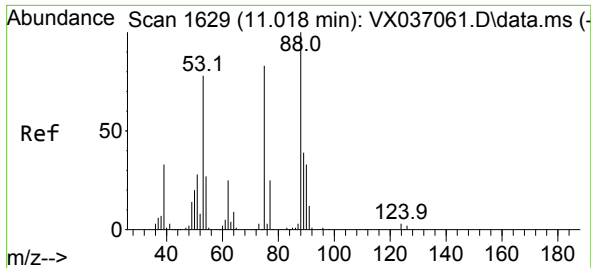
Tgt Ion:152 Resp: 85955
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 158.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.279 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037272.D
 Acq: 25 Aug 2023 15:33

Tgt Ion: 75 Resp: 48106
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.400 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037272.D
 Acq: 25 Aug 2023 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20230817

Tgt Ion: 75 Resp: 48106
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

