

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036848.D
 Acq On : 07 Aug 2023 19:41
 Operator : JC/MD
 Sample : 03924-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08922

Quant Time: Aug 08 01:41:05 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)

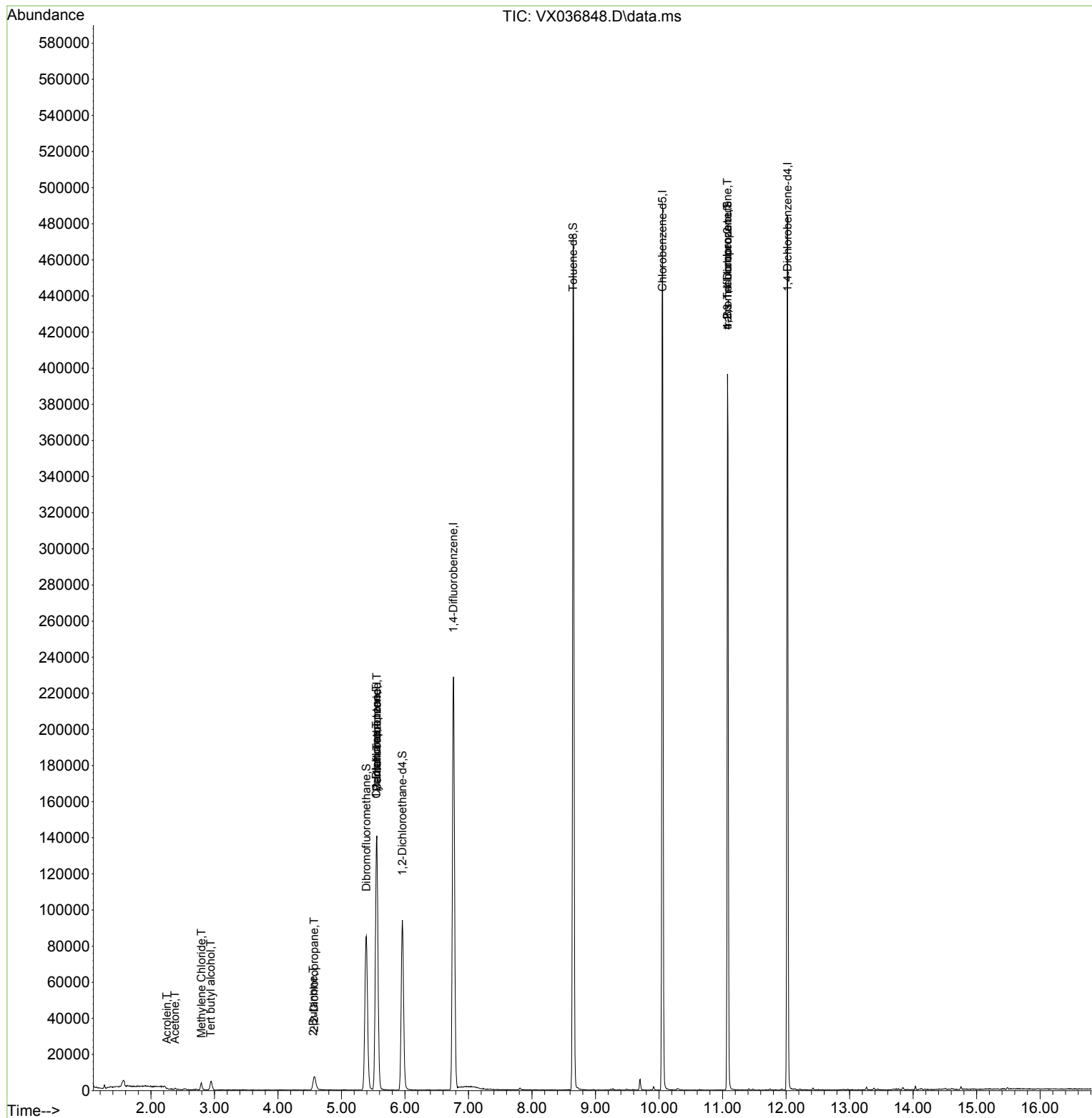
Internal Standards						
1) Pentafluorobenzene	5.556	168	130845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91809	47.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.840%
35) Dibromofluoromethane	5.391	113	75942	46.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	8.647	98	284827	49.029	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	109465	49.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	3164	6.903	ug/l #	78
13) Acrolein	2.251	56	59	0.226	ug/l #	14
16) Acetone	2.379	43	815	1.014	ug/l #	87
20) Methylene Chloride	2.794	84	1900	1.063	ug/l	90
25) 2-Butanone	4.556	43	278	0.213	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	643	0.222	ug/l #	54
31) Cyclohexane	5.550	56	2860	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10727	4.393	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14031	5.405	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	56315	23.865	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56315	54.092	ug/l #	5

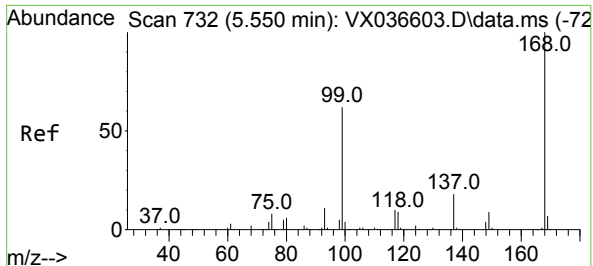
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
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Quant Time: Aug 08 01:41:05 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

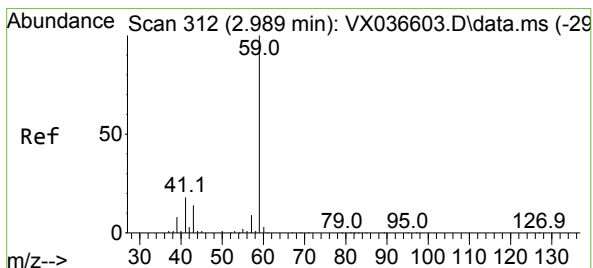
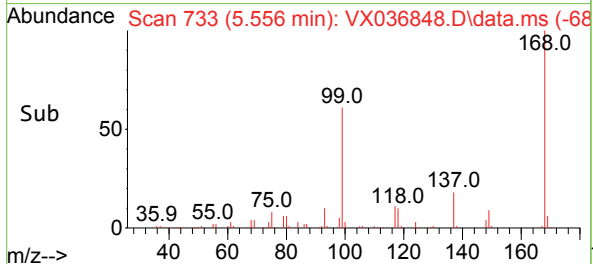
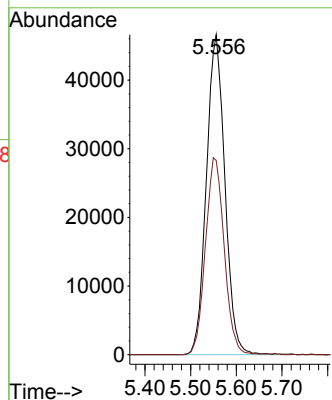
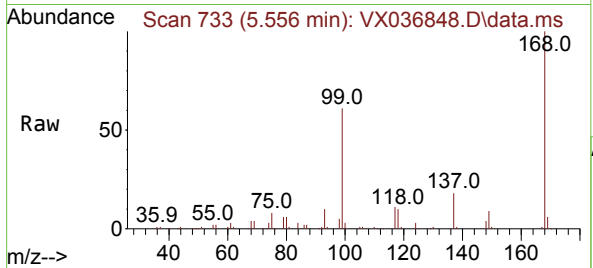




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

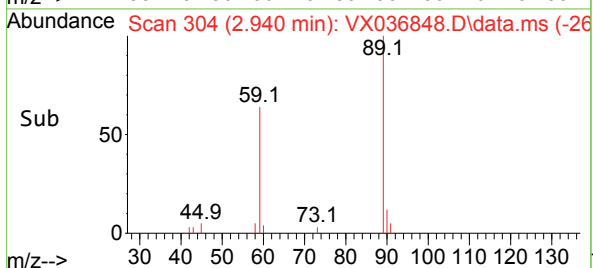
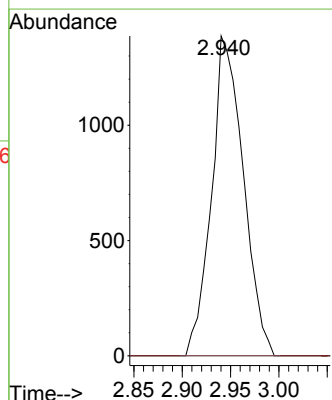
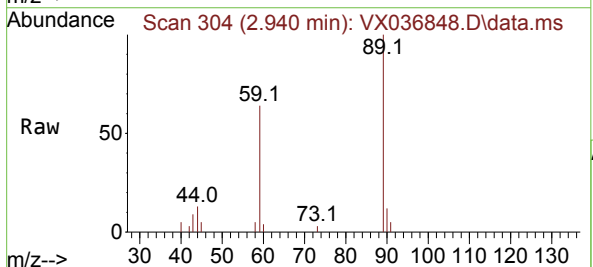
Instrument :
MSVOA_X
ClientSampleId :
08922

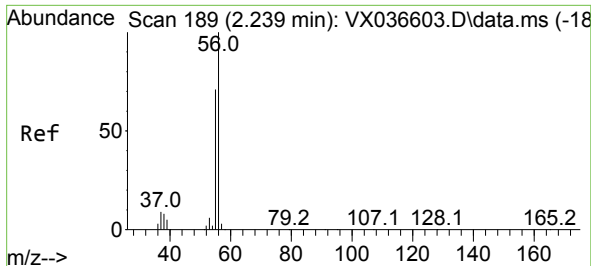
Tgt Ion:168 Resp: 130845
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.903 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 59 Resp: 3164
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

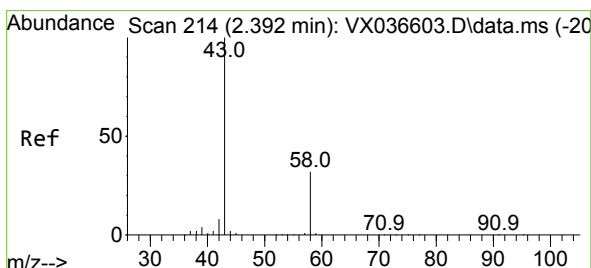
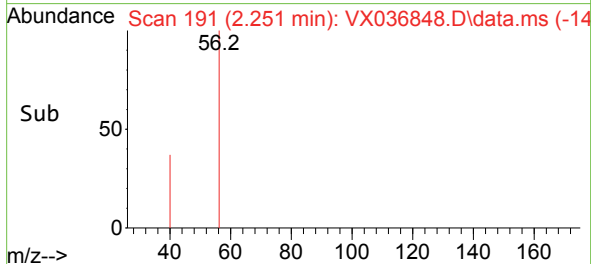
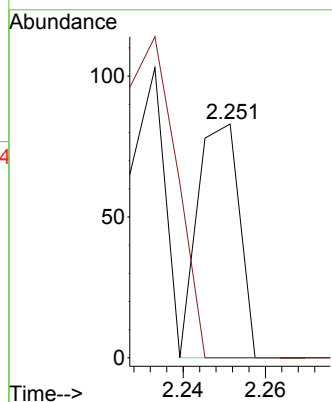
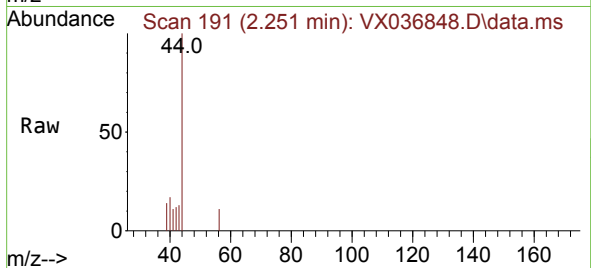




#13
Acrolein
Concen: 0.226 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

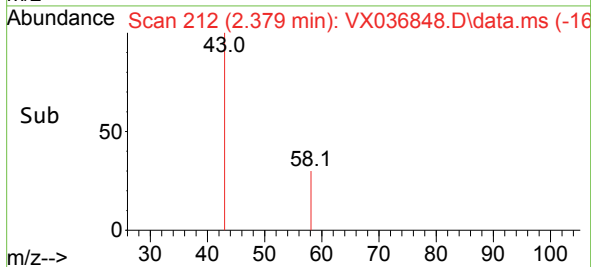
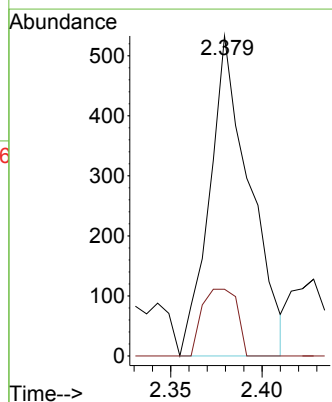
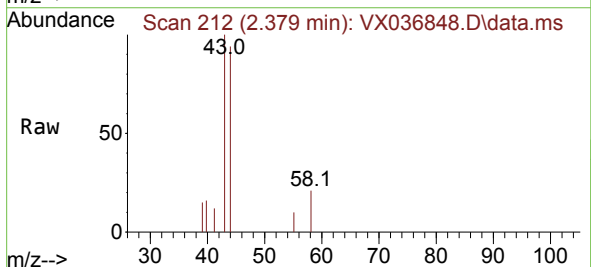
Instrument :
MSVOA_X
ClientSampleId :
08922

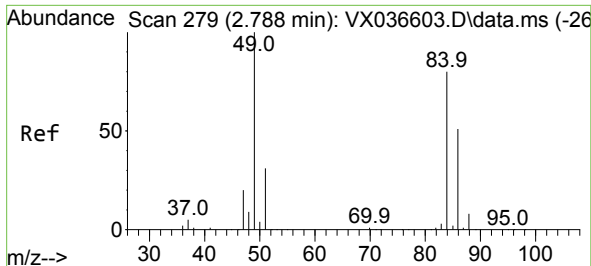
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.014 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 20.8 21.9 32.9#





#20

Methylene Chloride

Concen: 1.063 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036848.D

Acq: 07 Aug 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

08922

Tgt Ion: 84 Resp: 1900

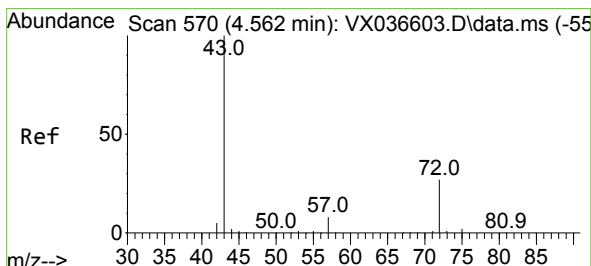
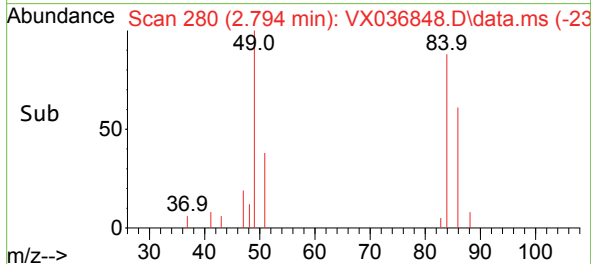
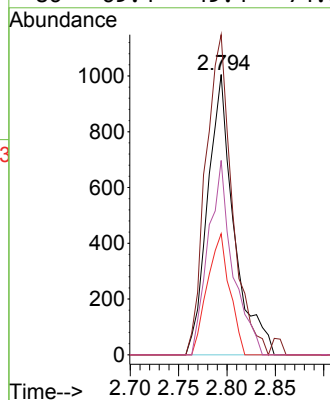
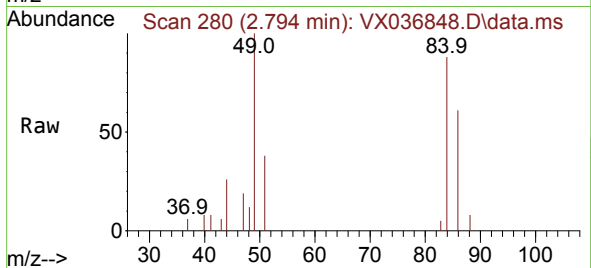
Ion Ratio Lower Upper

84 100

49 114.2 103.6 155.4

51 43.2 33.8 50.6

86 69.4 49.4 74.0



#25

2-Butanone

Concen: 0.213 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX036848.D

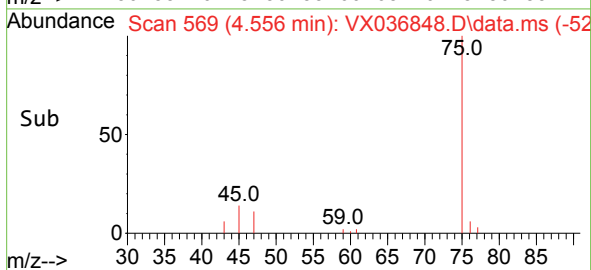
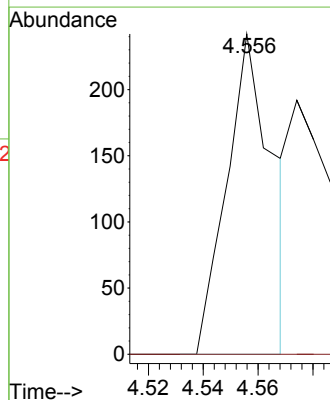
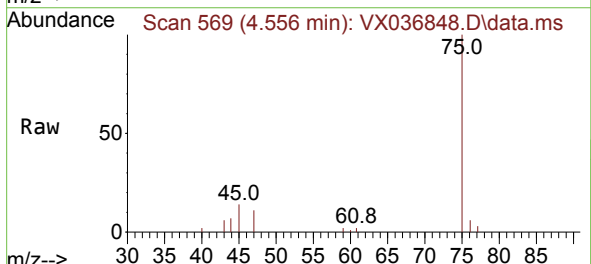
Acq: 07 Aug 2023 19:41

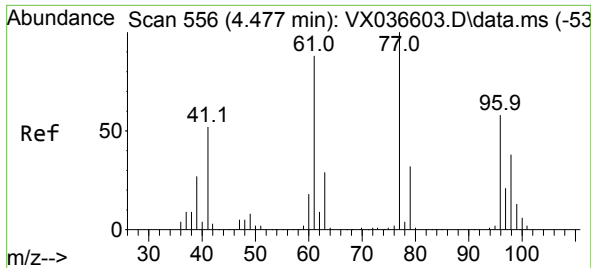
Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

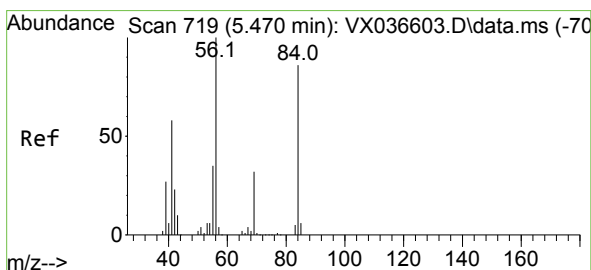
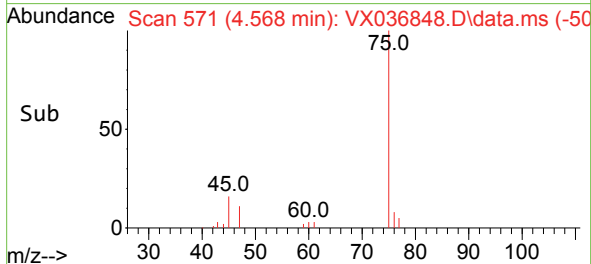
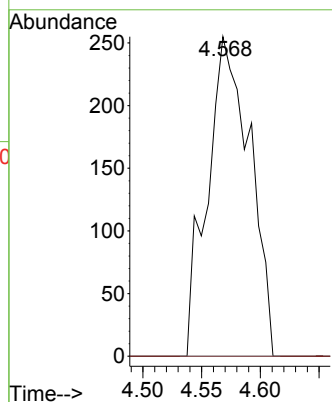
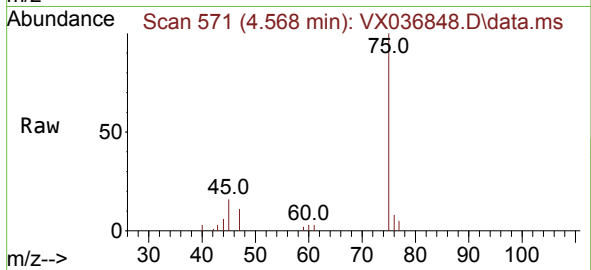




#26
2,2-Dichloropropane
Concen: 0.222 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

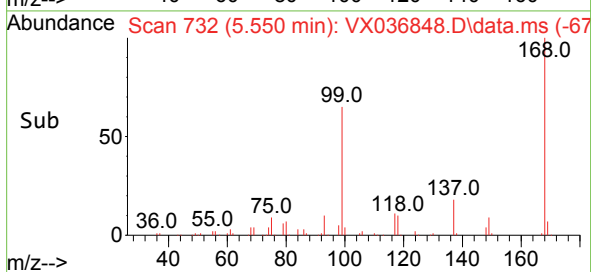
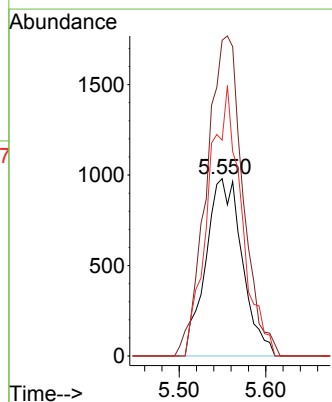
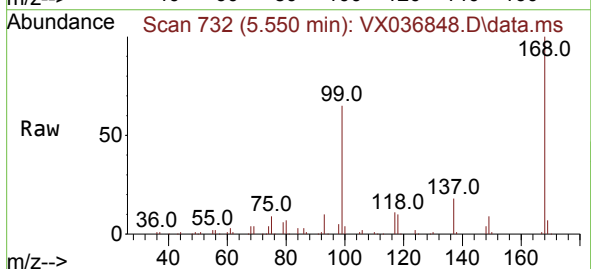
Instrument :
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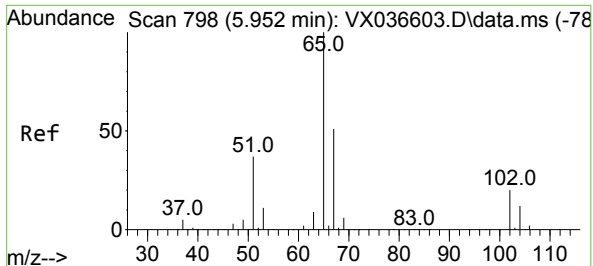
Tgt Ion: 77 Resp: 643
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 56 Resp: 2860
Ion Ratio Lower Upper
56 100
69 178.1 23.4 35.2#
84 121.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.421 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036848.D

Acq: 07 Aug 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

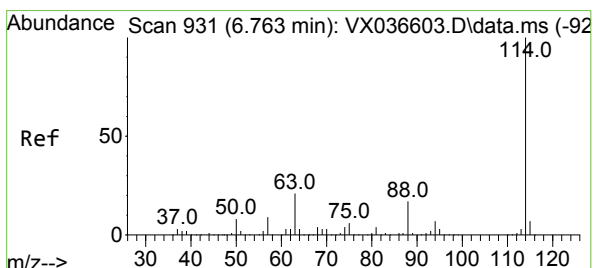
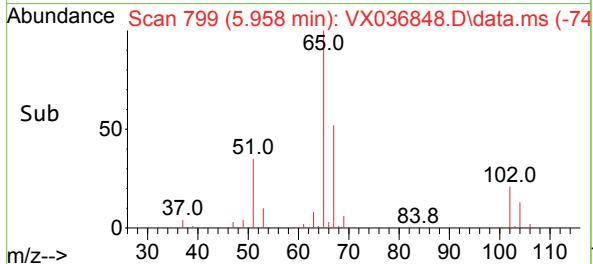
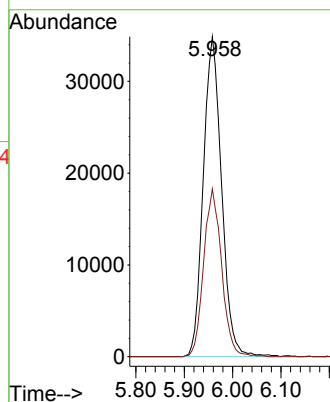
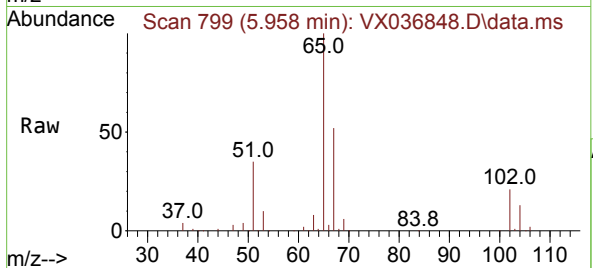
08922

Tgt Ion: 65 Resp: 91809

Ion Ratio Lower Upper

65 100

67 51.5 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: VX036848.D

Acq: 07 Aug 2023 19:41

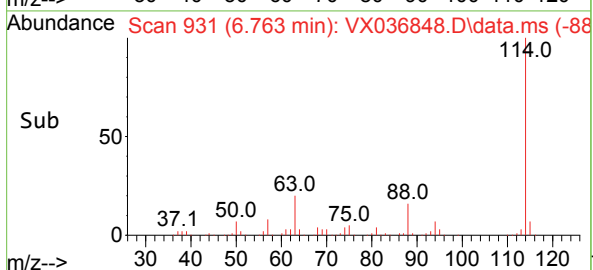
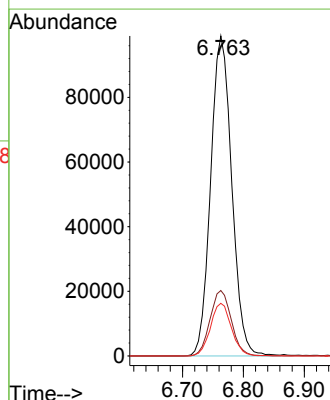
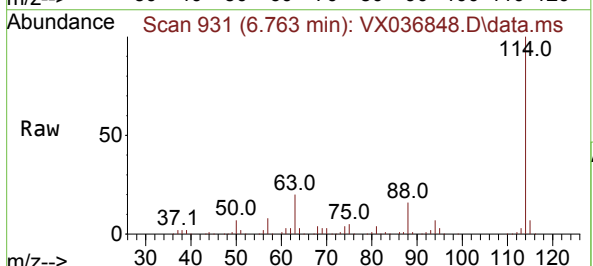
Tgt Ion:114 Resp: 238336

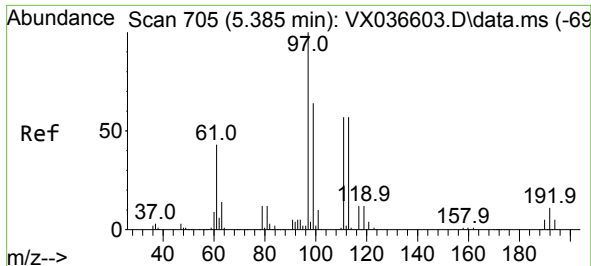
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.5 0.0 36.6

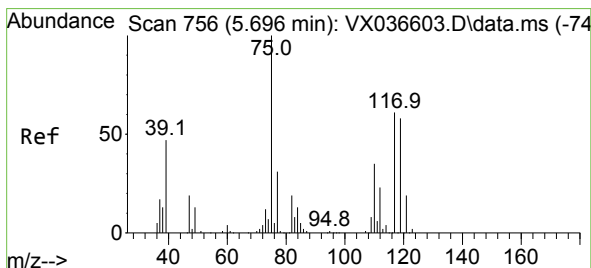
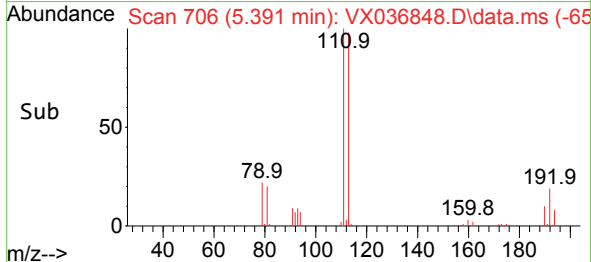
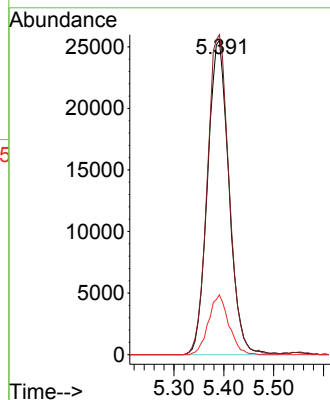
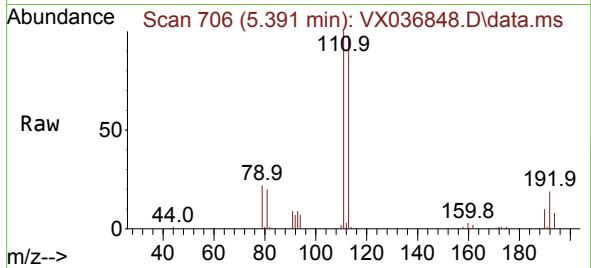




#35
Dibromofluoromethane
Concen: 46.357 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

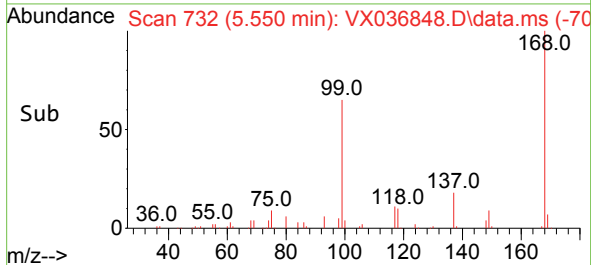
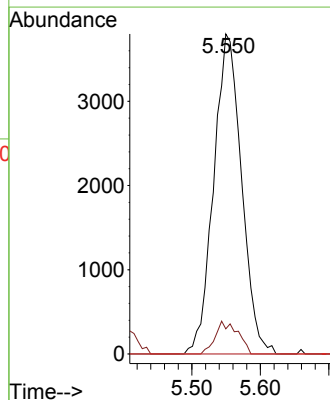
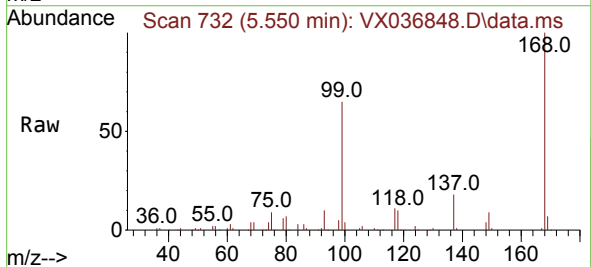
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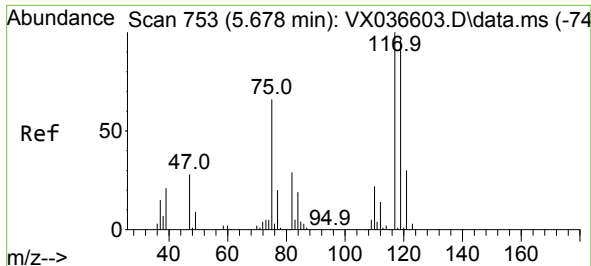
Tgt Ion:113 Resp: 75942
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

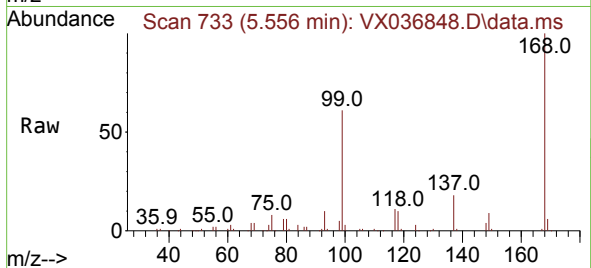
Tgt Ion: 75 Resp: 10727
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



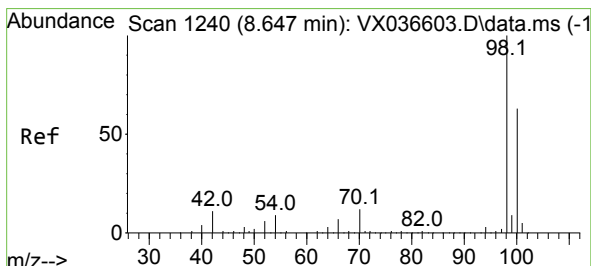
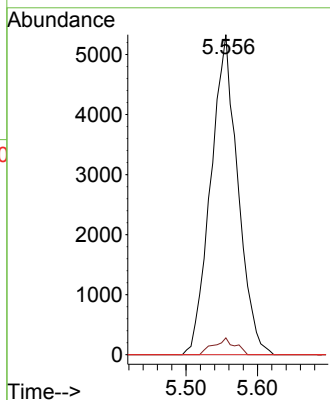
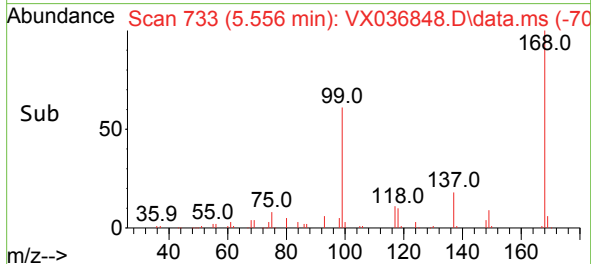


#38
Carbon Tetrachloride
Concen: 5.405 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :
08922

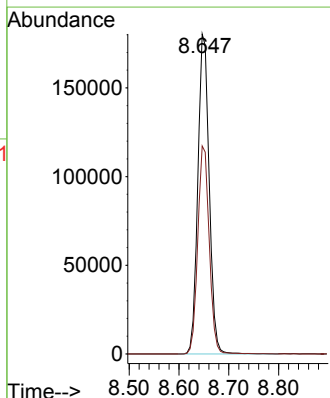
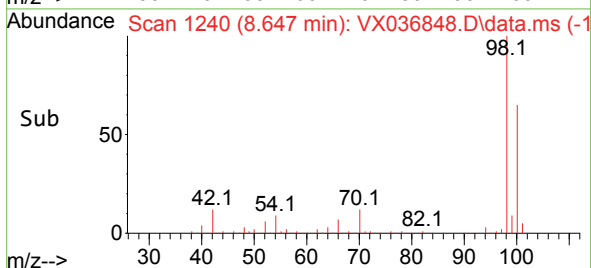
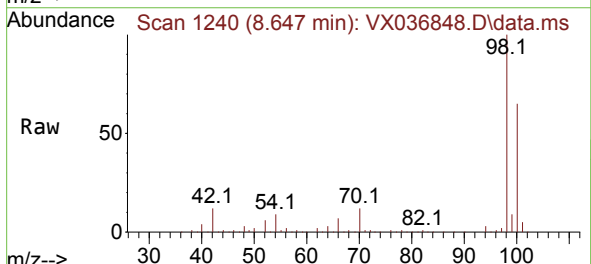


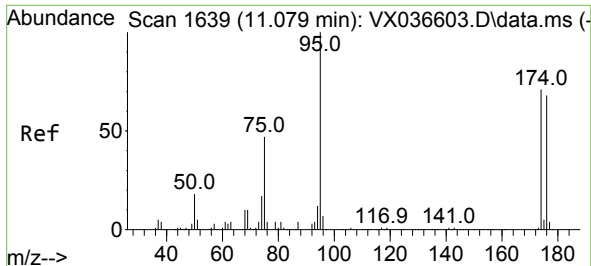
Tgt Ion:117 Resp: 14031
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.029 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 98 Resp: 284827
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

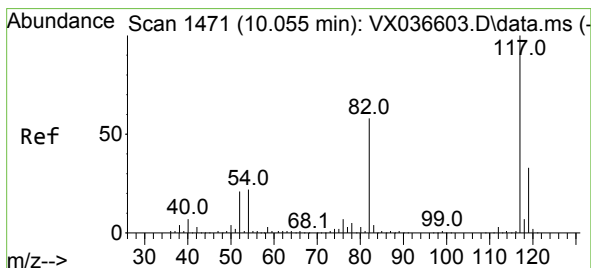
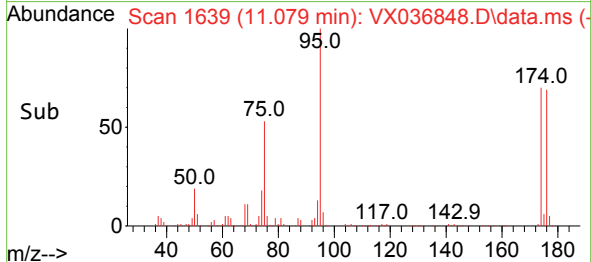
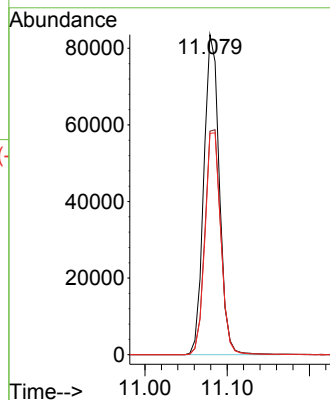
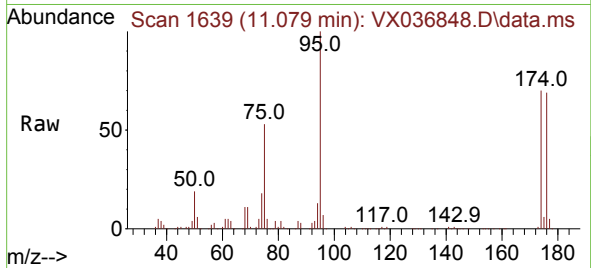




#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

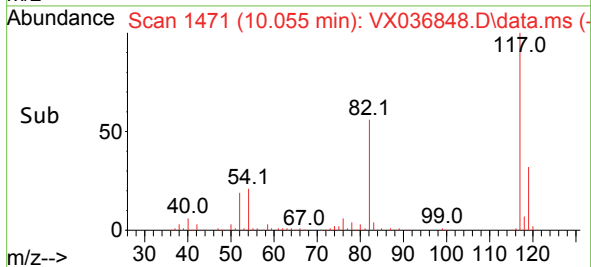
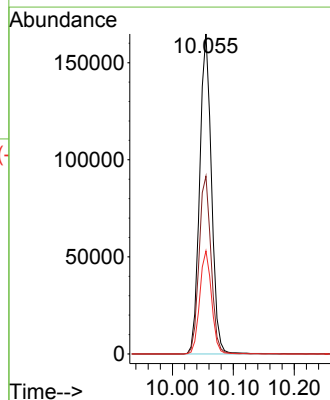
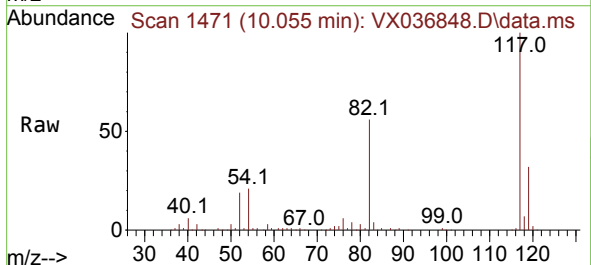
Instrument :
MSVOA_X
ClientSampleId :
08922

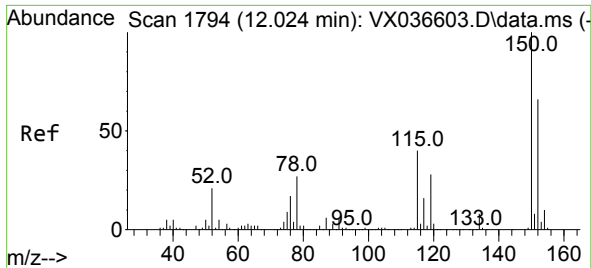
Tgt Ion: 95 Resp: 109465
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 117 Resp: 221730
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.2 25.5 38.3

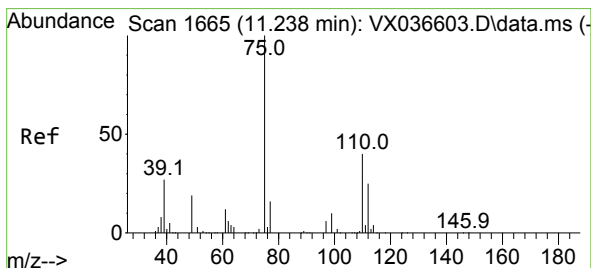
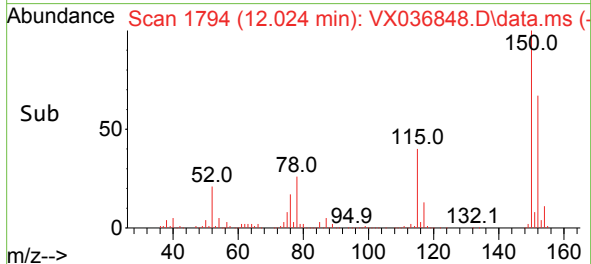
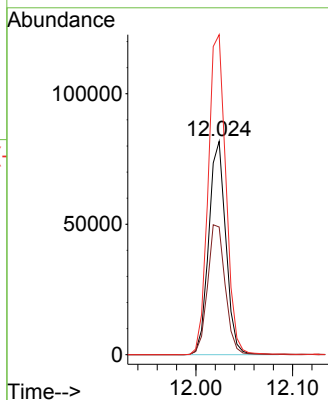
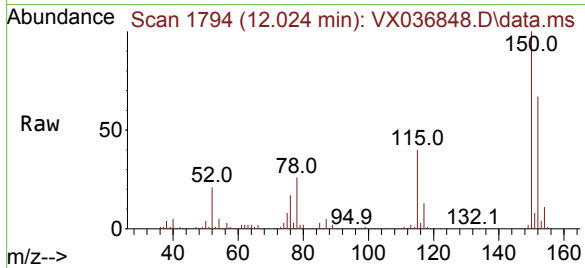




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

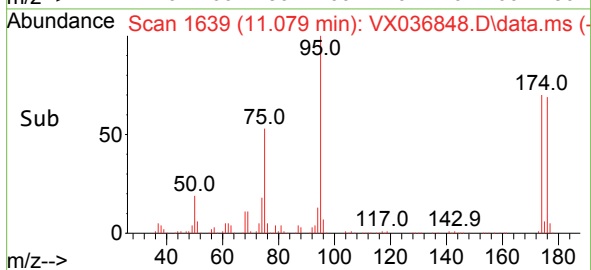
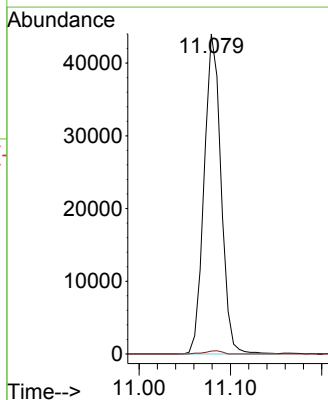
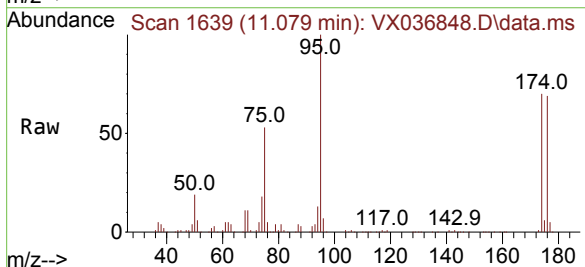
Instrument :
MSVOA_X
ClientSampleId :
08922

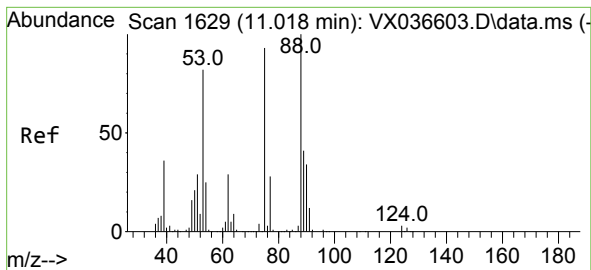
Tgt Ion:152 Resp: 100323
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 75 Resp: 56315
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.092 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036848.D
 Acq: 07 Aug 2023 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 08922

Tgt Ion: 75 Resp: 56315
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

