

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039835.D
 Acq On : 19 Jan 2024 13:43
 Operator : JC/MD
 Sample : P1185-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-7-23-26

Quant Time: Jan 20 00:24:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

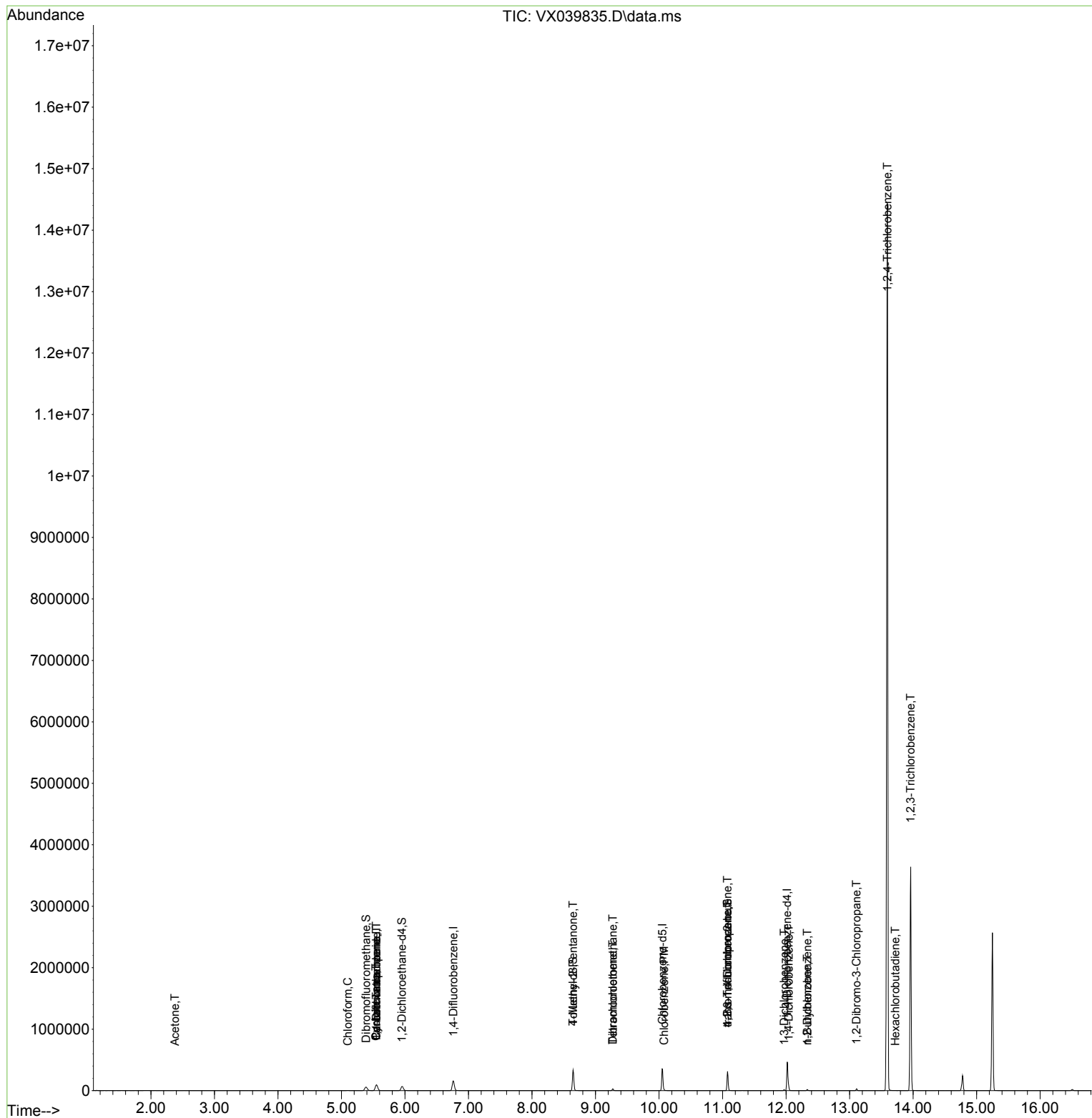
Internal Standards						
1) Pentafluorobenzene	5.550	168	83522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67702	48.389	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.385	113	51458	48.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	194205	48.624	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.240%		
62) 4-Bromofluorobenzene	11.079	95	82316	52.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.400%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	903	1.148	ug/l	93
30) Chloroform	5.099	83	1602	0.781	ug/l	93
31) Cyclohexane	5.544	56	2283	1.236	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	7609	4.616	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9362	6.201	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	966	0.435	ug/l #	1
60) Dibromochloromethane	9.275	129	5337	4.768	ug/l #	11
64) Tetrachloroethene	9.275	164	5117	5.075	ug/l #	91
65) Chlorobenzene	10.079	112	4690	1.452	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	45009	20.677	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45009	60.415	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	4116	1.443	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	20791	7.056	ug/l	96
89) n-Butylbenzene	12.335	91	1321	0.243	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	4882	1.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.109	75	1676	2.680	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.597	180	3021478	1752.954	ug/l	98
94) Hexachlorobutadiene	13.719	225	239	0.334	ug/l	84
96) 1,2,3-Trichlorobenzene	13.963	180	730753	420.071	ug/l	99

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

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SUMOGW-7-23-26

Quant Time: Jan 20 00:24:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

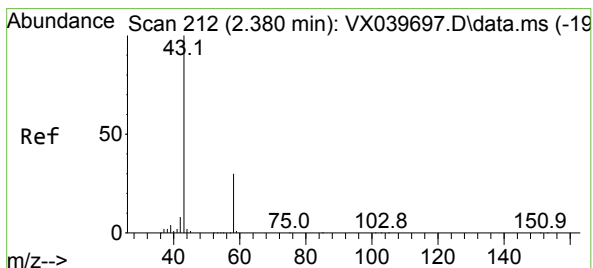
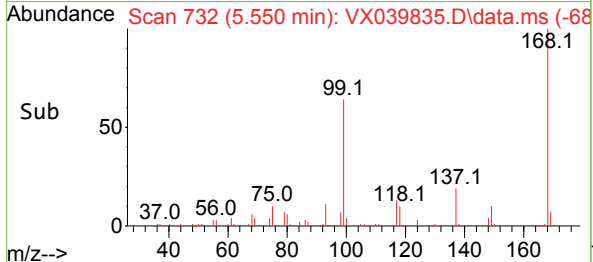
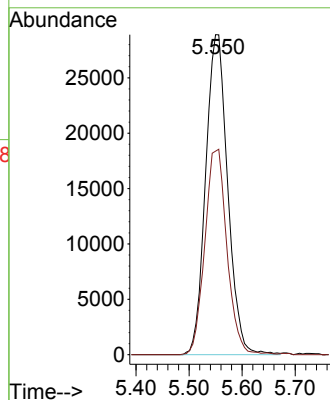
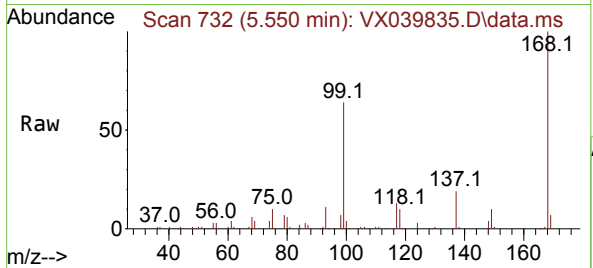




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

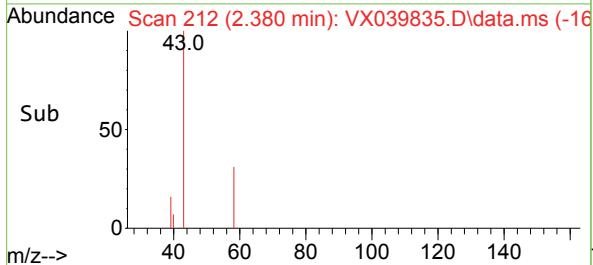
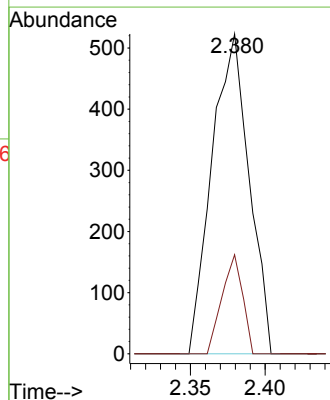
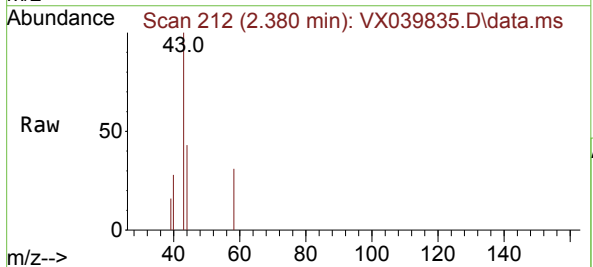
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

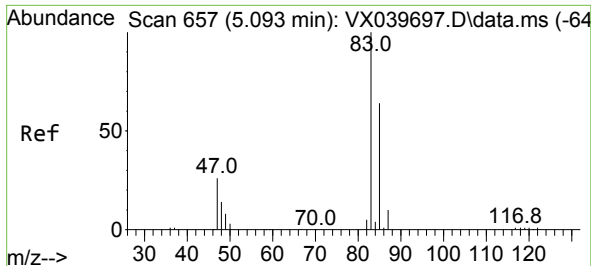
Tgt Ion:168 Resp: 83522
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#16
Acetone
Concen: 1.148 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

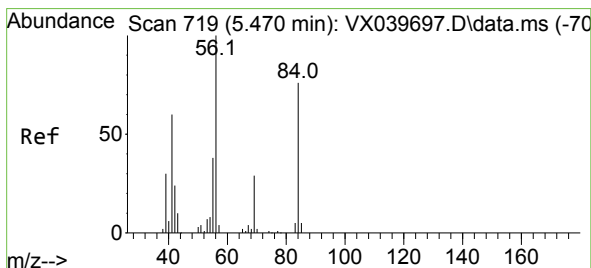
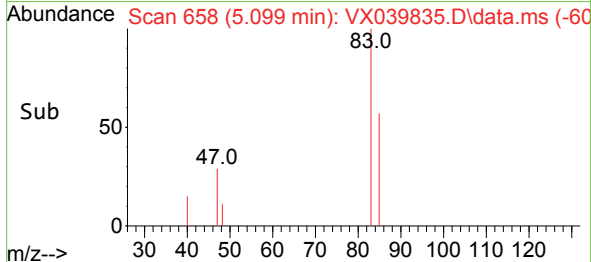
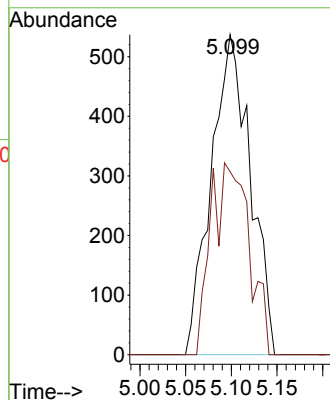
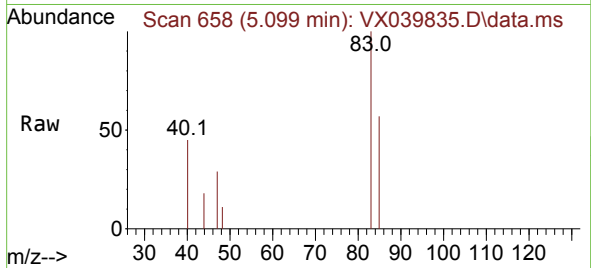




#30
Chloroform
Concen: 0.781 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

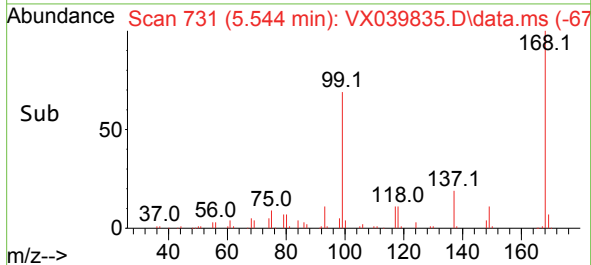
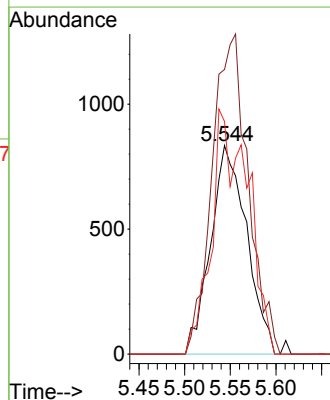
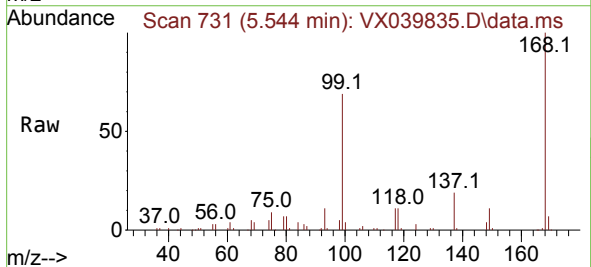
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

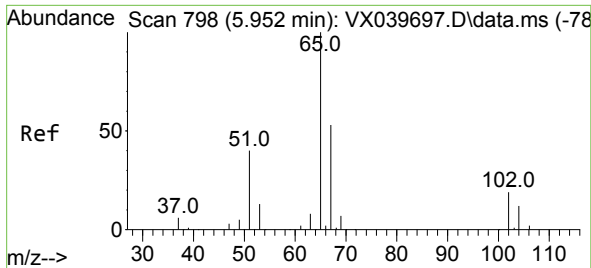
Tgt Ion: 83 Resp: 1602
Ion Ratio Lower Upper
83 100
85 57.2 50.3 75.5



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 56 Resp: 2283
Ion Ratio Lower Upper
56 100
69 136.4 23.4 35.2#
84 111.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.389 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039835.D

Acq: 19 Jan 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

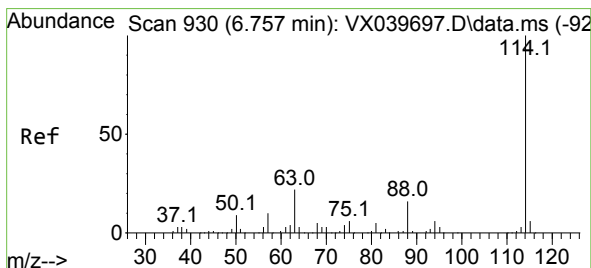
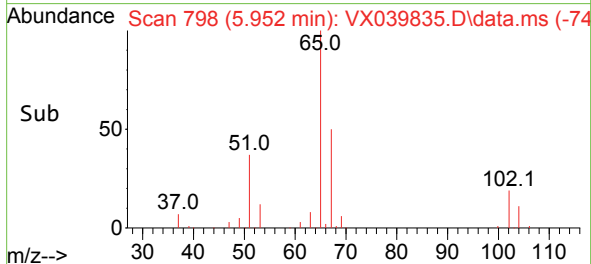
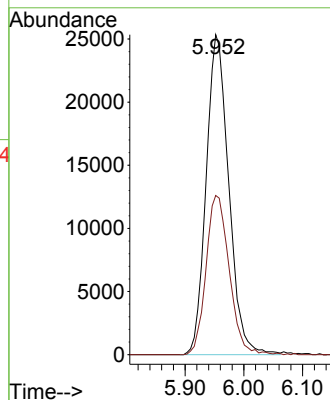
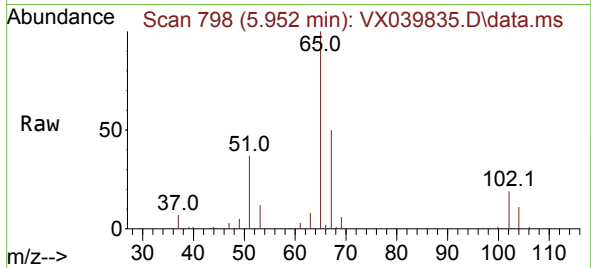
SUMOGW-7-23-26

Tgt Ion: 65 Resp: 67702

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039835.D

Acq: 19 Jan 2024 13:43

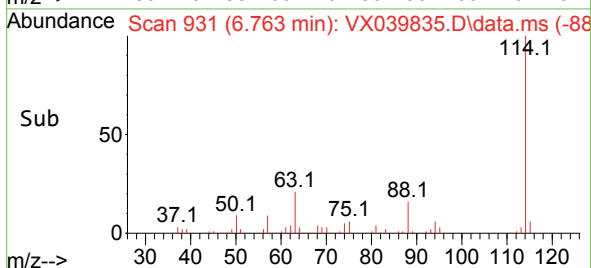
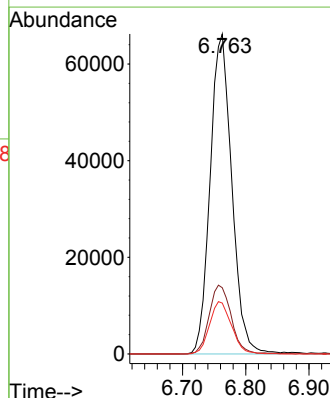
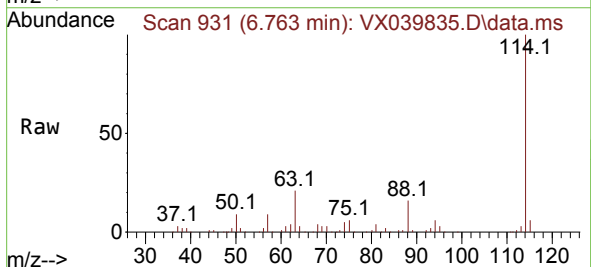
Tgt Ion: 114 Resp: 157225

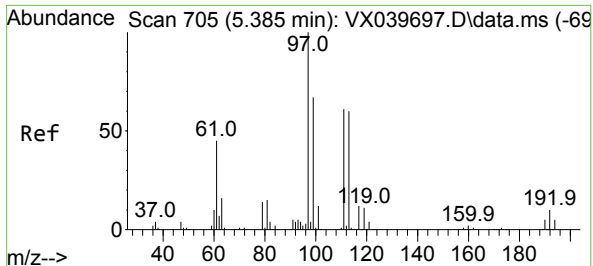
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.9 0.0 36.6

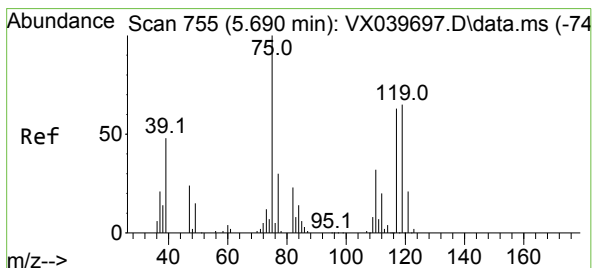
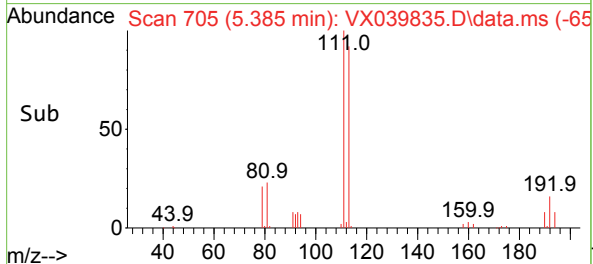
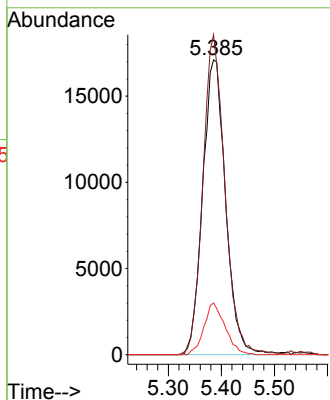
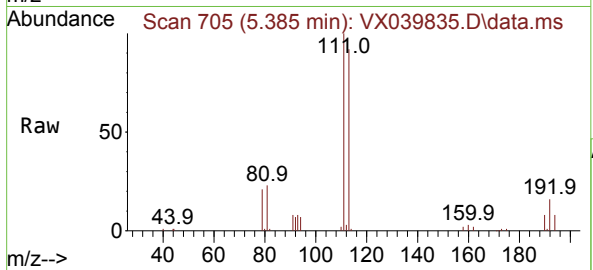




#35
Dibromofluoromethane
Concen: 48.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

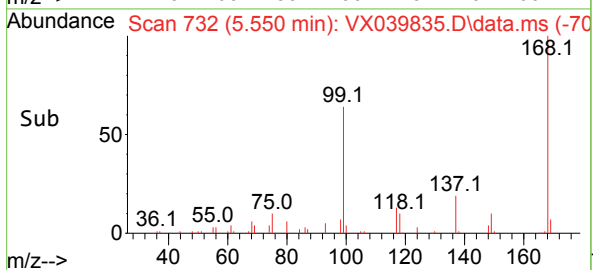
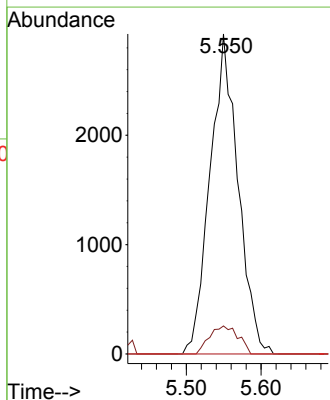
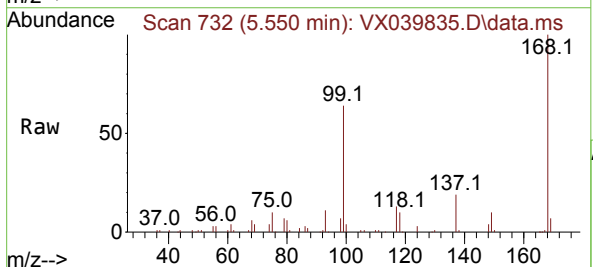
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SUMOGW-7-23-26

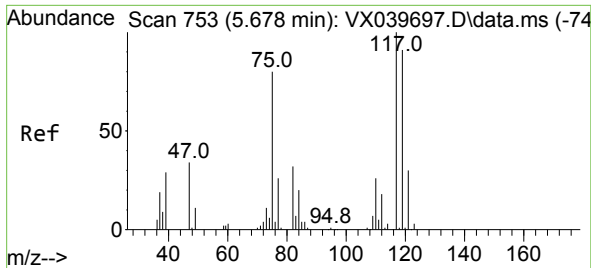
Tgt Ion:113 Resp: 51458
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

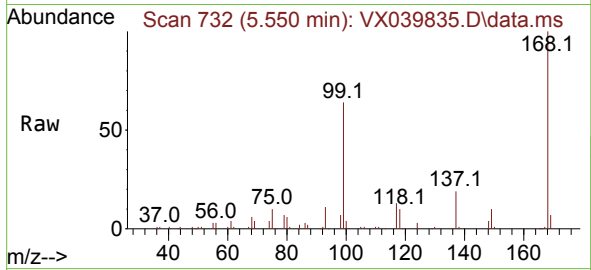
Tgt Ion: 75 Resp: 7609
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



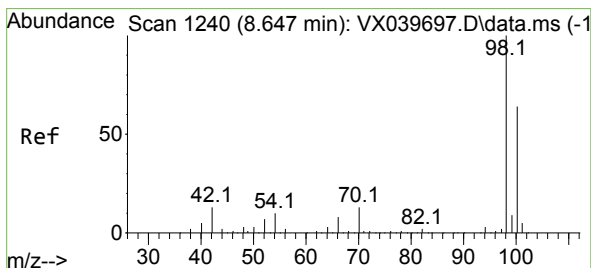
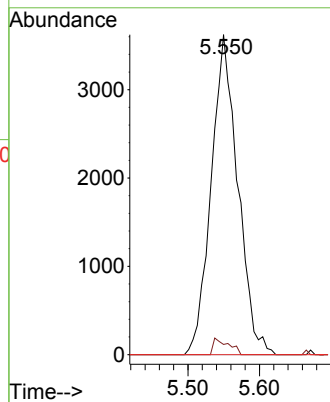
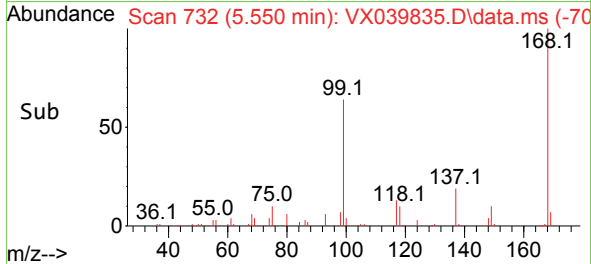


#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

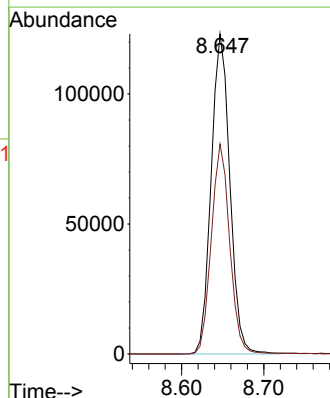
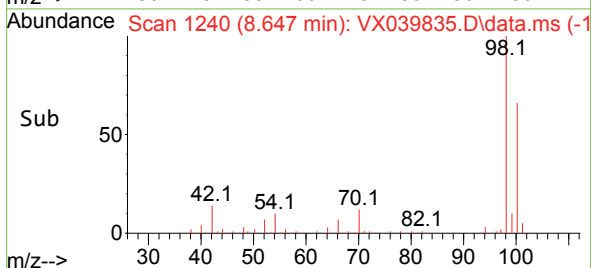
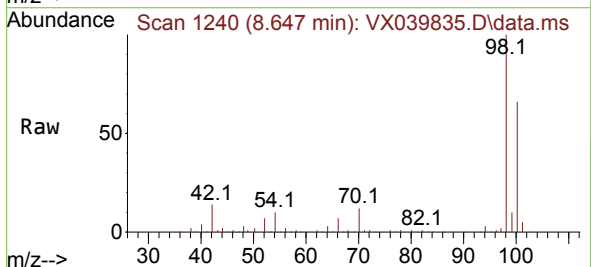


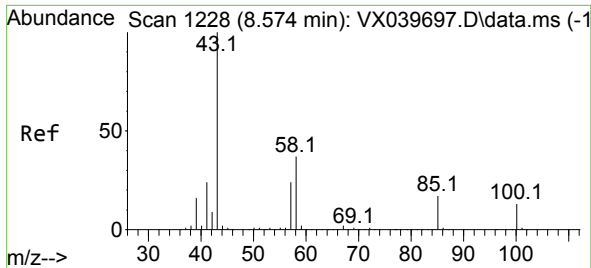
Tgt Ion:117 Resp: 9362
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 98 Resp: 194205
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

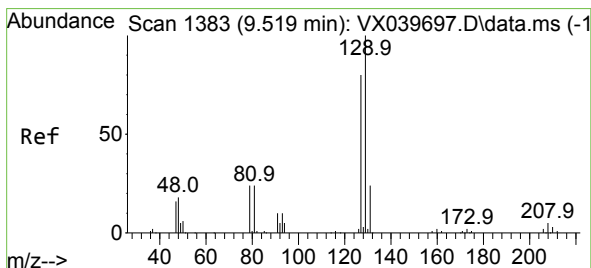
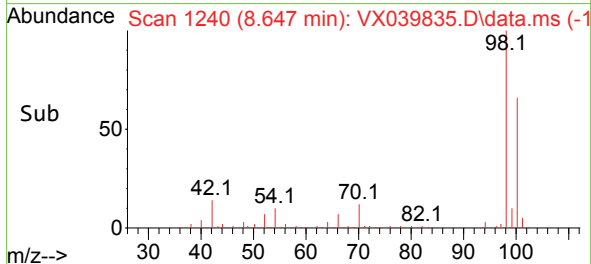
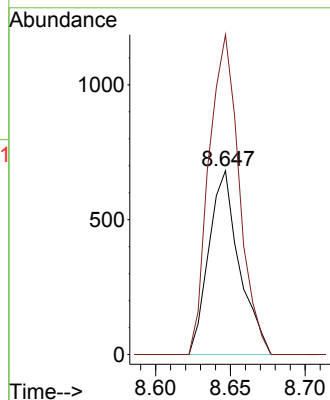
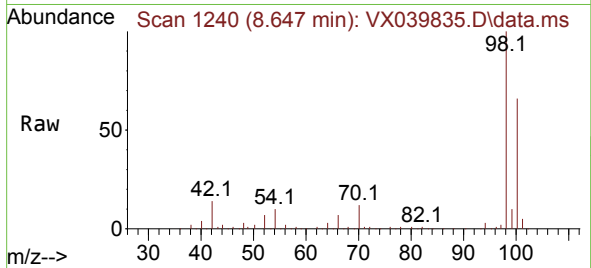




#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

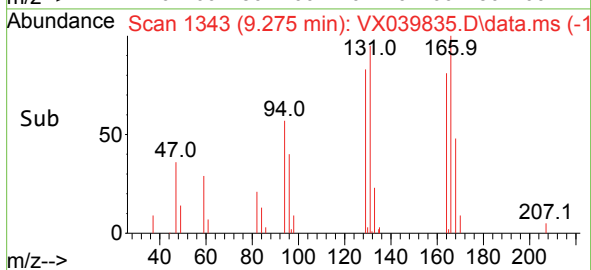
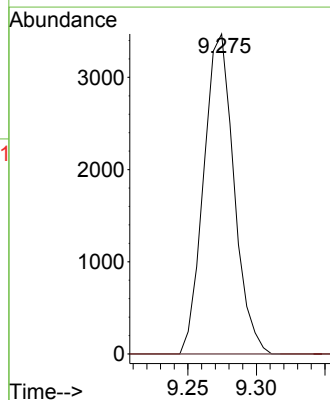
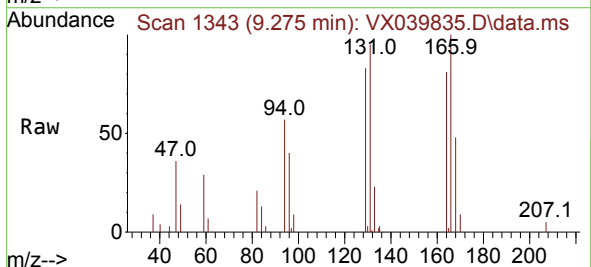
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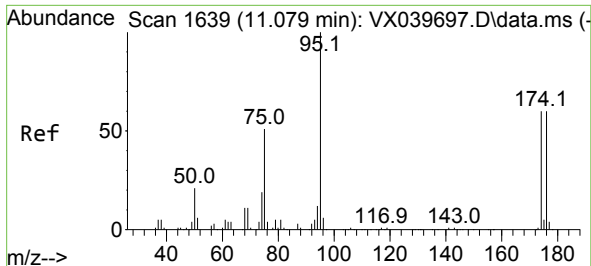
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 172.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 4.768 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 129 Resp: 5337
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

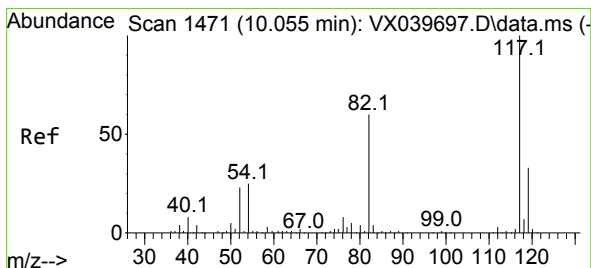
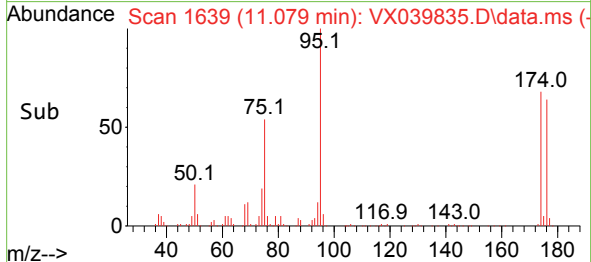
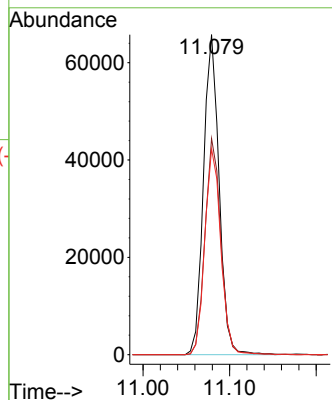
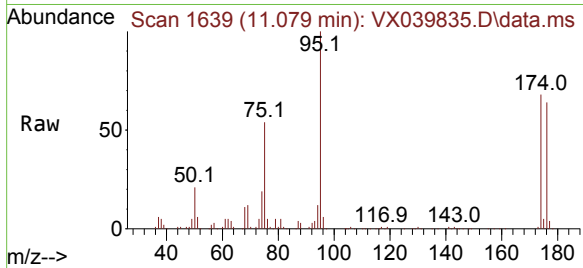




#62
4-Bromofluorobenzene
Concen: 52.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

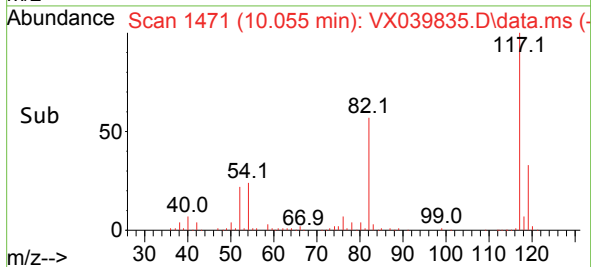
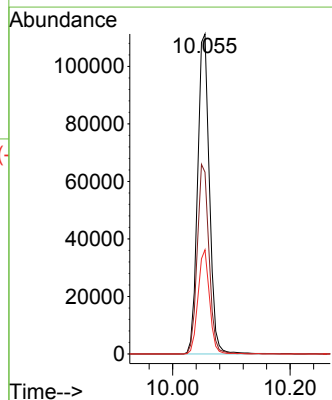
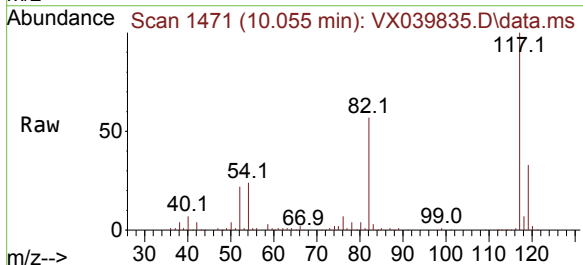
Instrument :
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SUMOGW-7-23-26

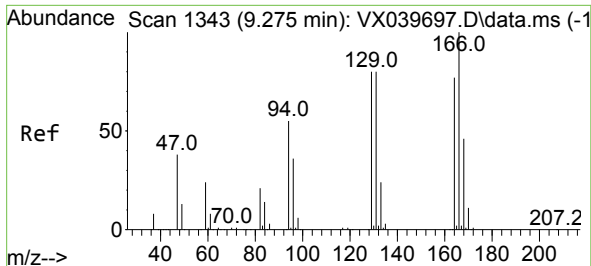
Tgt Ion: 95 Resp: 82316
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

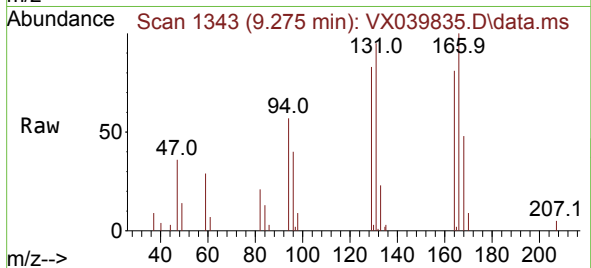
Tgt Ion: 117 Resp: 155056
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.5 25.5 38.3



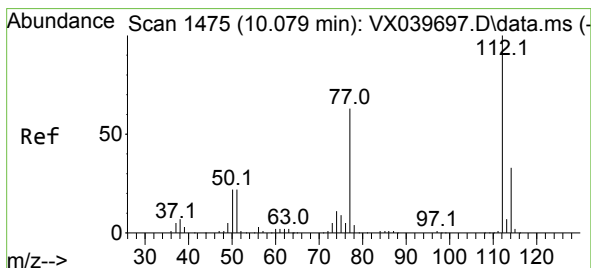
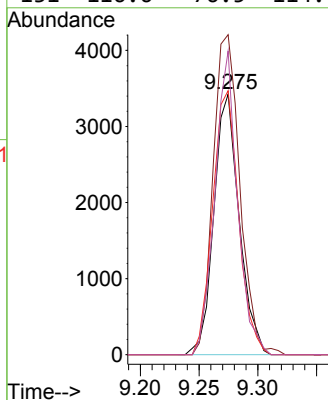
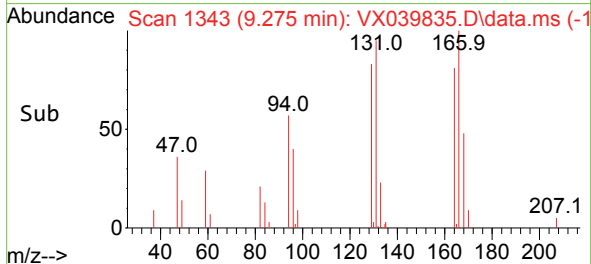


#64
Tetrachloroethene
Concen: 5.075 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

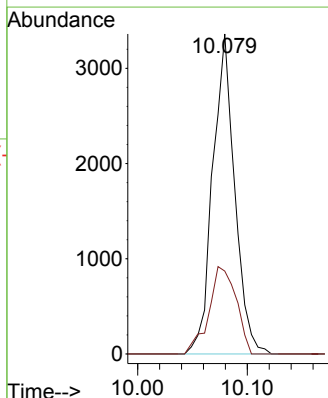
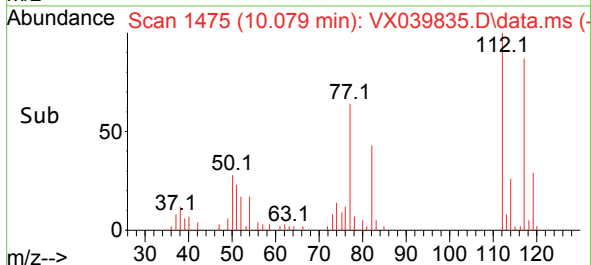
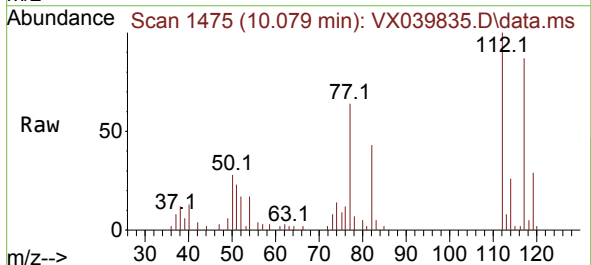


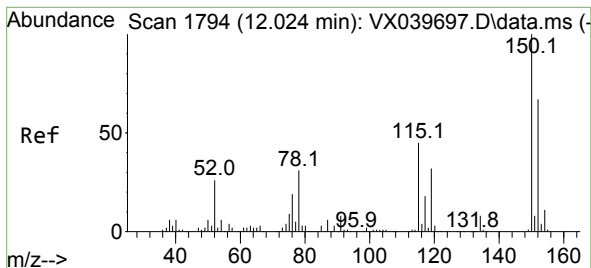
Tgt Ion:164 Resp: 5117
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 101.4 80.4 120.6
131 116.6 76.5 114.7#



#65
Chlorobenzene
Concen: 1.452 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion:112 Resp: 4690
Ion Ratio Lower Upper
112 100
114 25.9 25.7 38.5

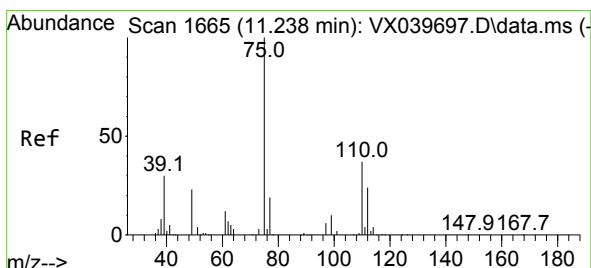
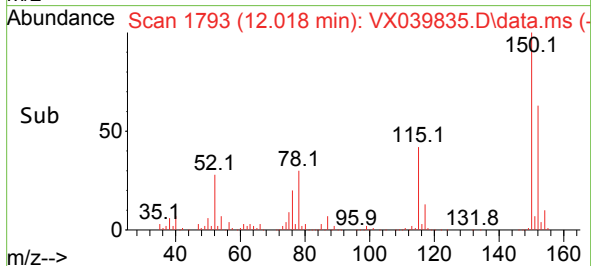
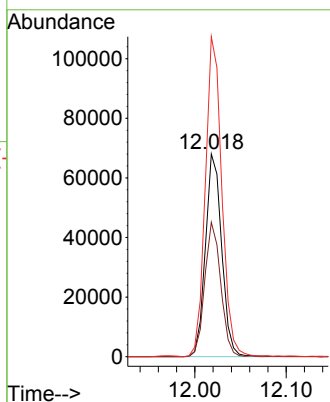
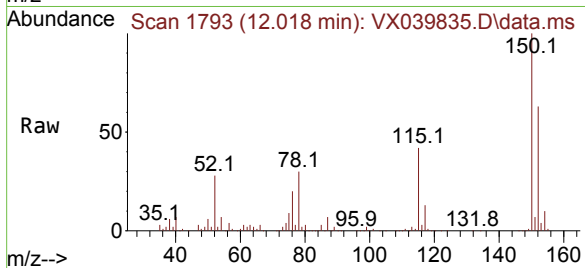




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

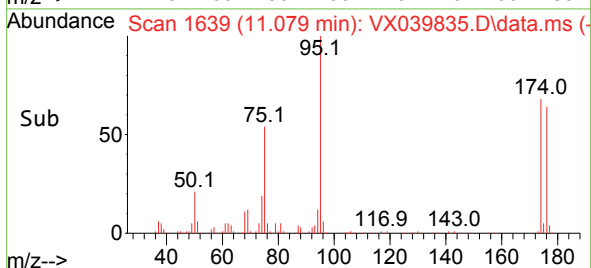
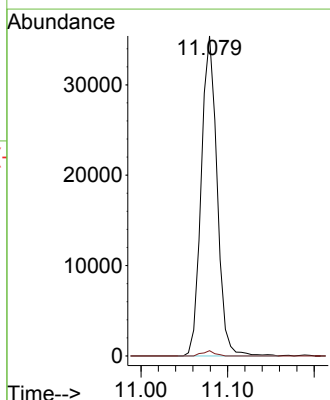
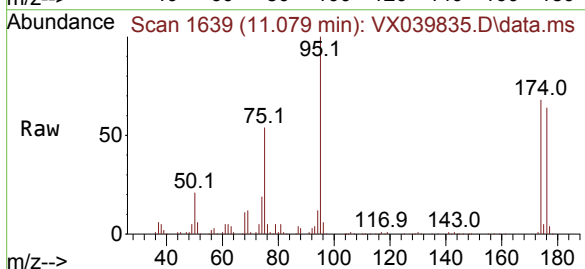
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

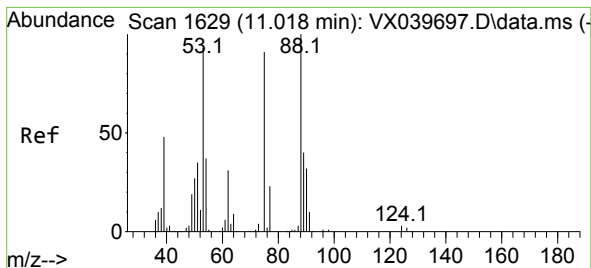
Tgt Ion:152 Resp: 83959
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 159.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 75 Resp: 45009
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

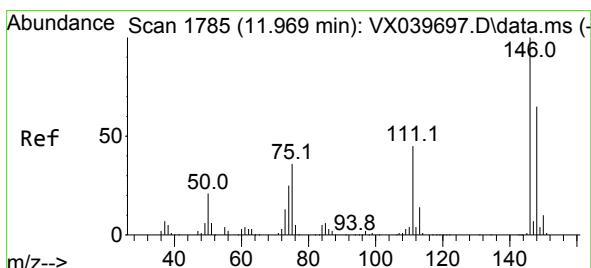
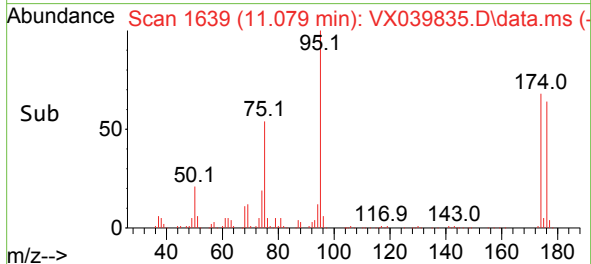
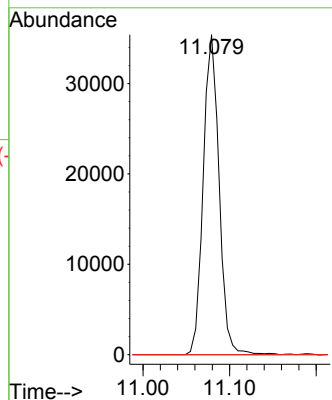
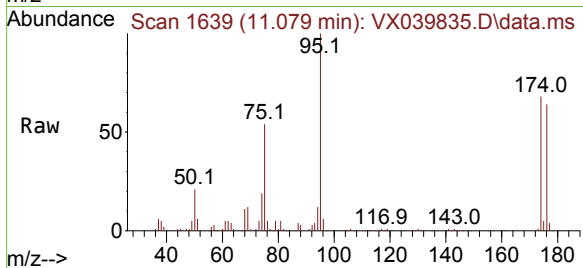




#81
trans-1,4-Dichloro-2-butene
Concen: 60.415 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

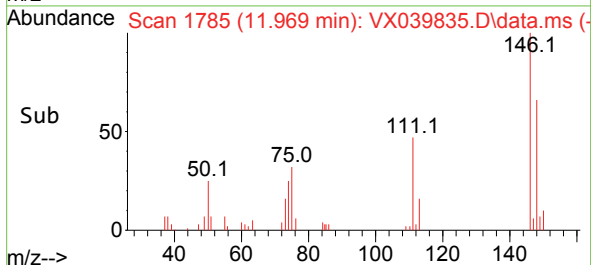
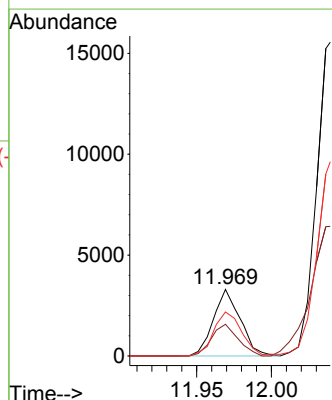
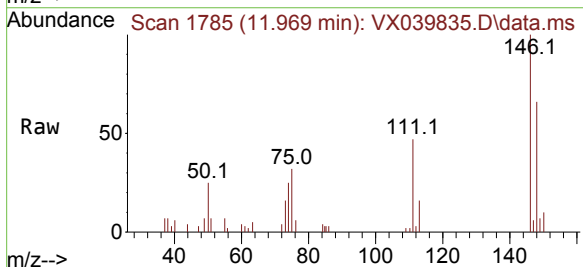
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

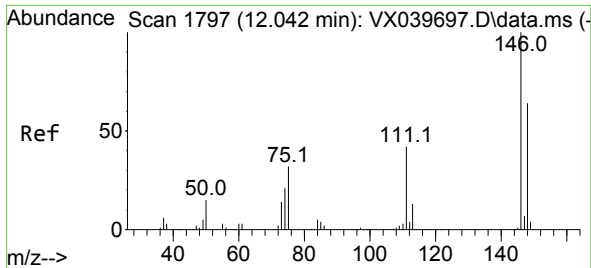
Tgt Ion: 75 Resp: 45009
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 1.443 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion:146 Resp: 4116
Ion Ratio Lower Upper
146 100
111 47.2 22.1 66.1
148 69.8 31.8 95.3

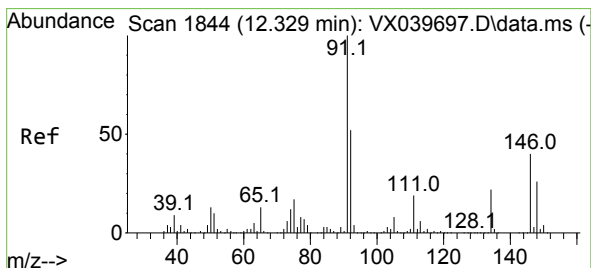
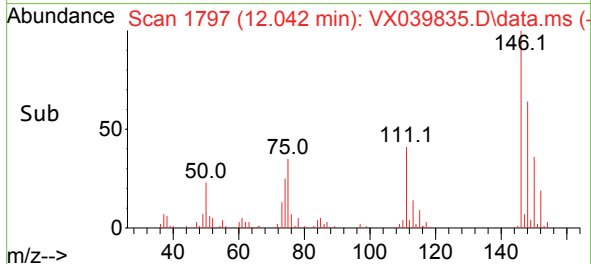
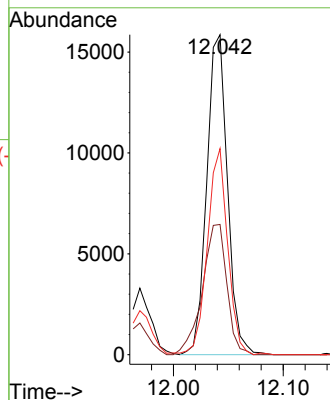
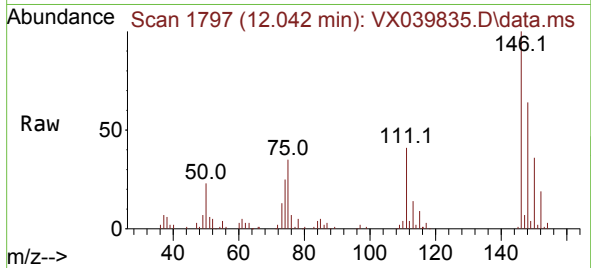




#88
1,4-Dichlorobenzene
Concen: 7.056 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

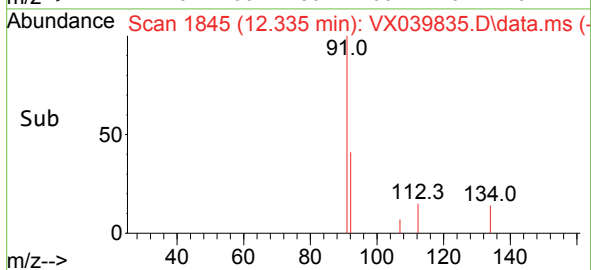
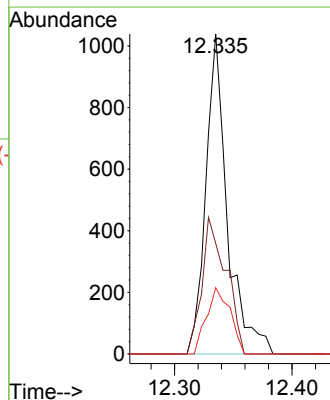
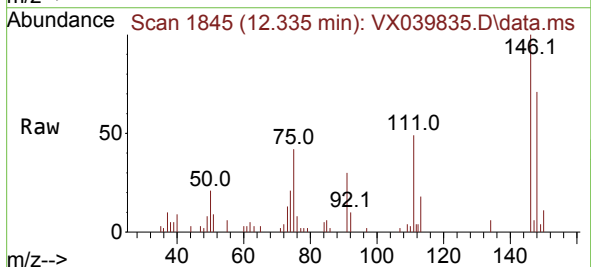
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

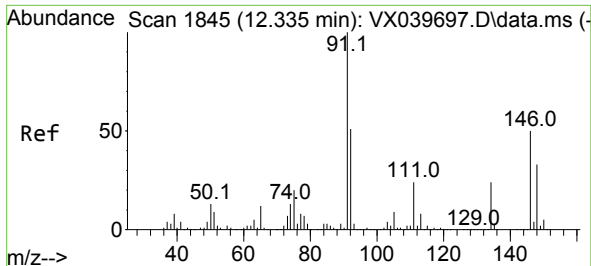
Tgt Ion:146 Resp: 20791
Ion Ratio Lower Upper
146 100
111 48.1 21.3 63.7
148 63.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.243 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 91 Resp: 1321
Ion Ratio Lower Upper
91 100
92 48.1 27.4 82.0
134 22.7 12.6 37.8

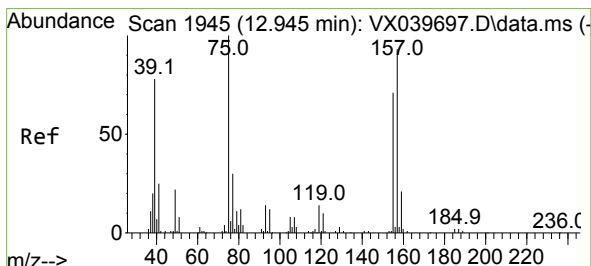
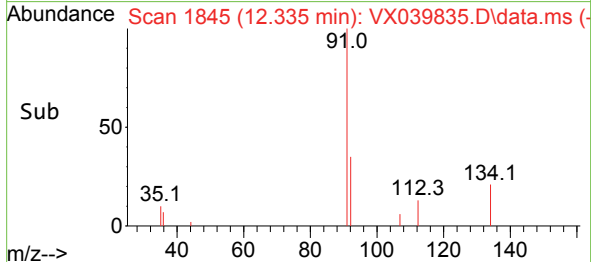
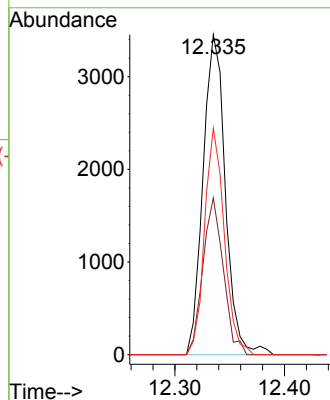
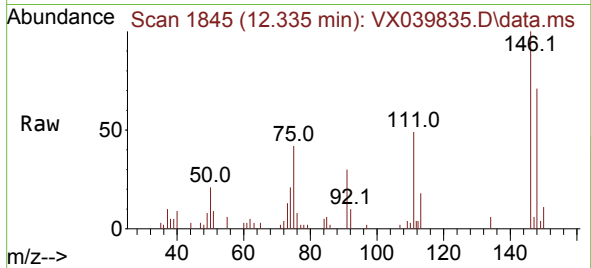




#91
1,2-Dichlorobenzene
Concen: 1.731 ug/l
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

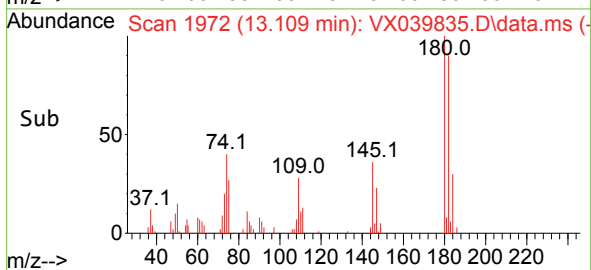
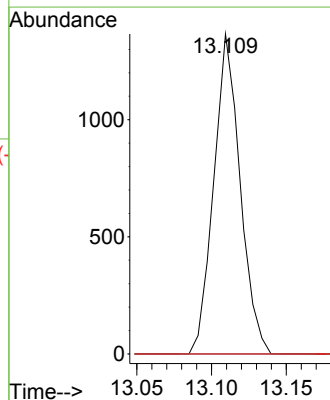
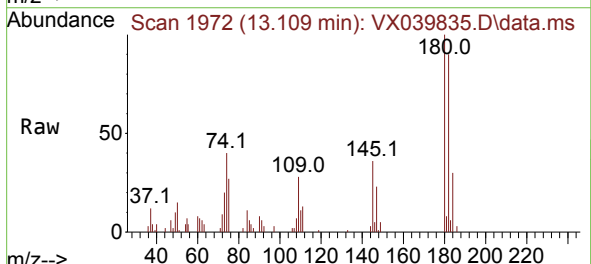
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-23-26

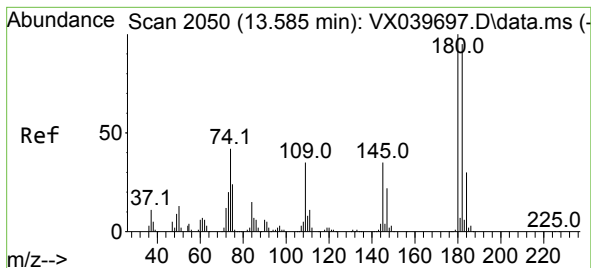
Tgt Ion:146 Resp: 4882
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 62.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.680 ug/l
RT: 13.109 min Scan# 1972
Delta R.T. 0.165 min
Lab File: VX039835.D
Acq: 19 Jan 2024 13:43

Tgt Ion: 75 Resp: 1676
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 1752.954 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX039835.D

Acq: 19 Jan 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-7-23-26

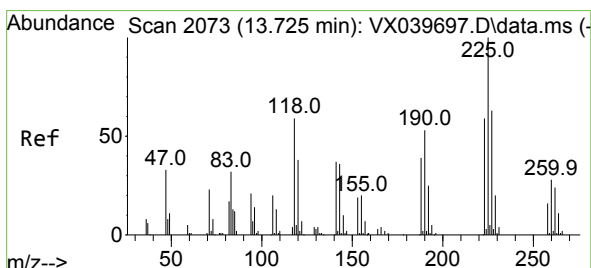
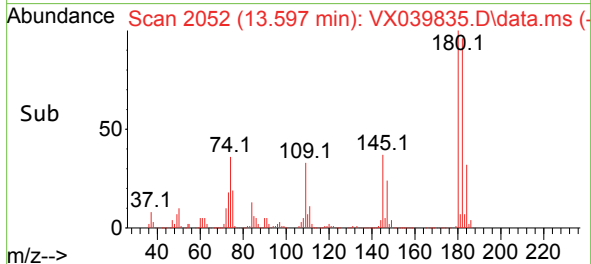
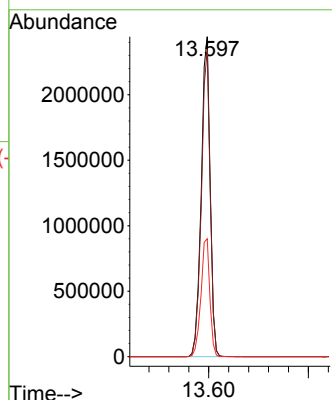
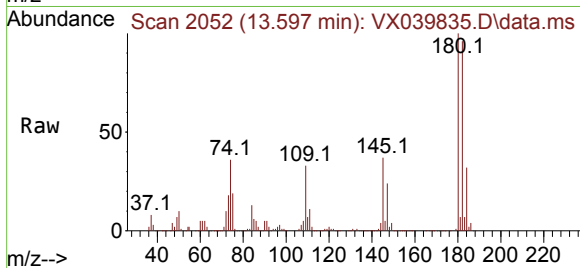
Tgt Ion:180 Resp: 3021478

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 36.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.334 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039835.D

Acq: 19 Jan 2024 13:43

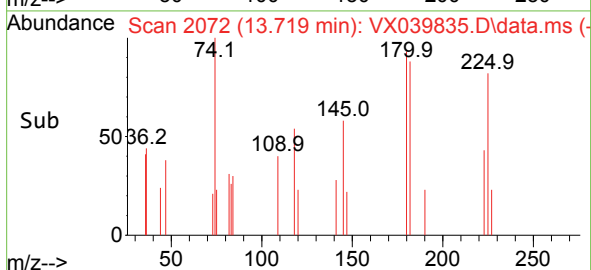
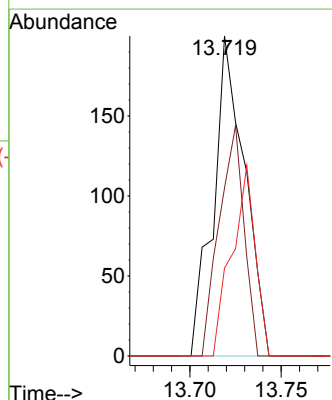
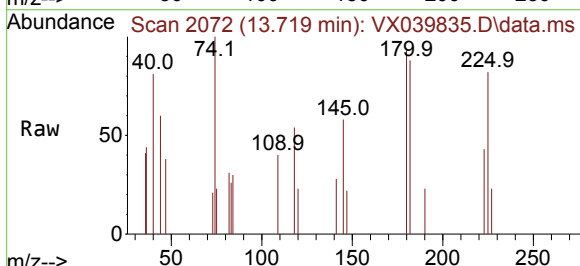
Tgt Ion:225 Resp: 239

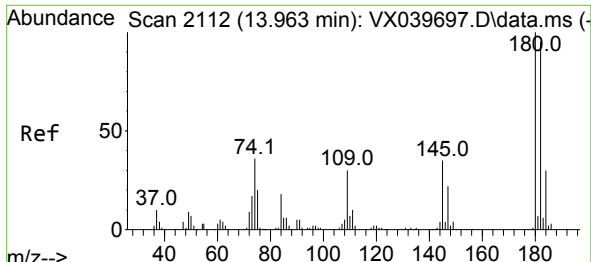
Ion Ratio Lower Upper

225 100

223 56.9 31.1 93.2

227 44.8 32.5 97.5





#96

1,2,3-Trichlorobenzene

Concen: 420.071 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039835.D

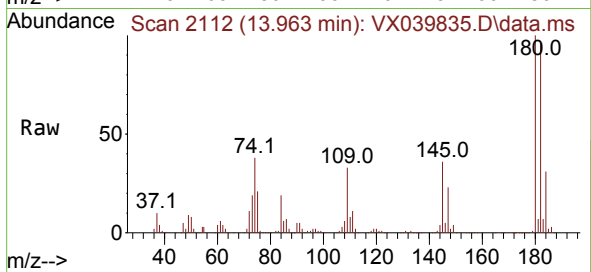
Acq: 19 Jan 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:180 Resp: 730753

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 36.4 17.8 53.5

