

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034808.D
 Acq On : 28 Mar 2023 21:05
 Operator : JC/MD
 Sample : 02109-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-30-GW01

Quant Time: Mar 29 04:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

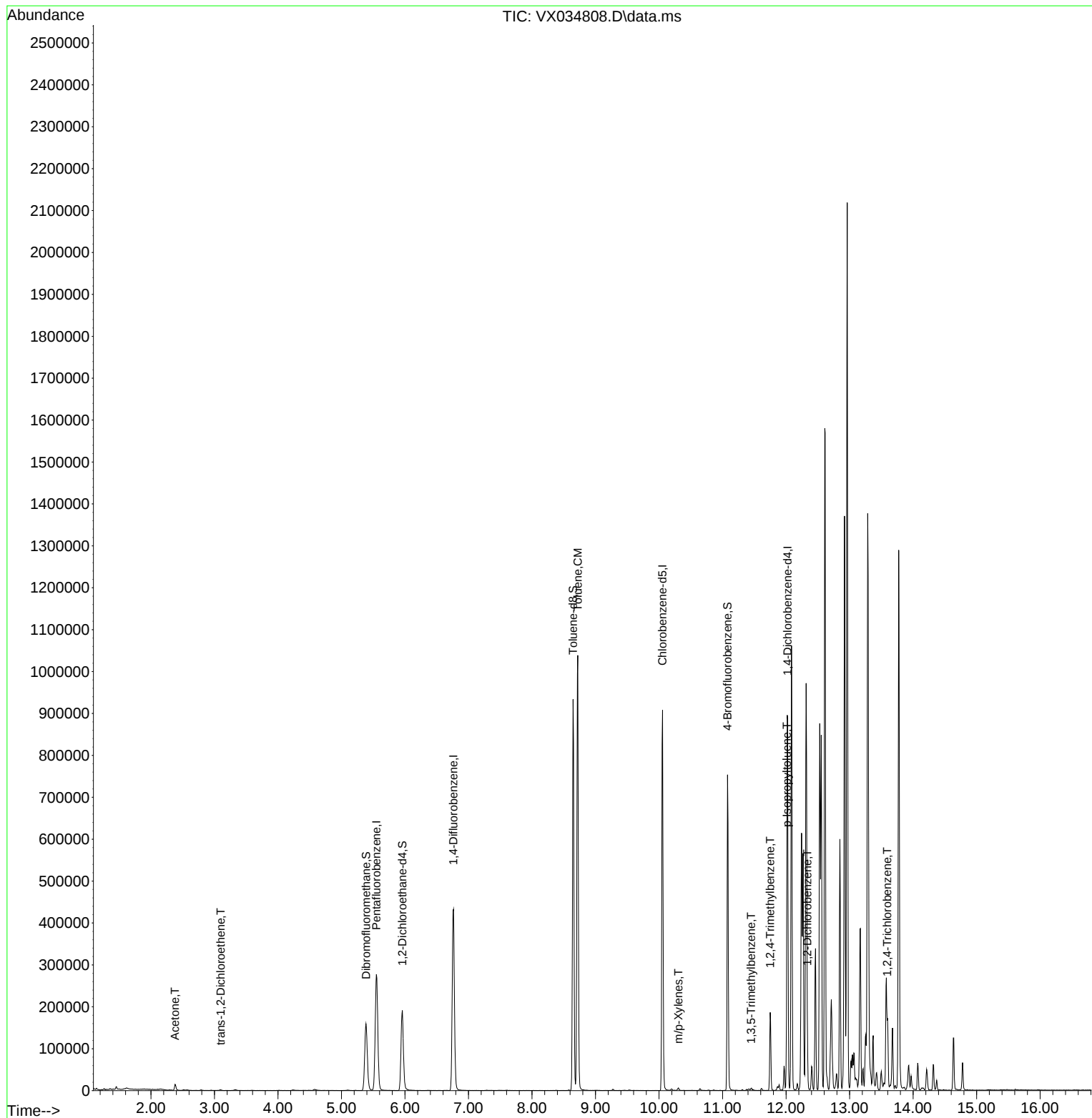
Internal Standards						
1) Pentafluorobenzene	5.550	168	256588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182035	48.766	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.540%
35) Dibromofluoromethane	5.385	113	133456	46.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	527887	49.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	188441	43.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.620%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	15508	8.820	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	769	0.258	ug/l #	58
52) Toluene	8.720	92	382299	47.627	ug/l	99
68) m/p-Xylenes	10.305	106	1515	0.258	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2654	0.228	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	78396	6.598	ug/l	99
86) p-Isopropyltoluene	12.012	119	16423	1.364	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2221	0.353	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	4249	1.079	ug/l #	78

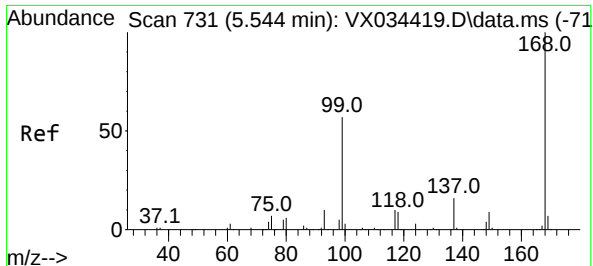
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

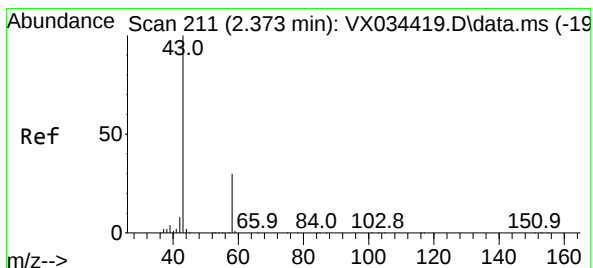
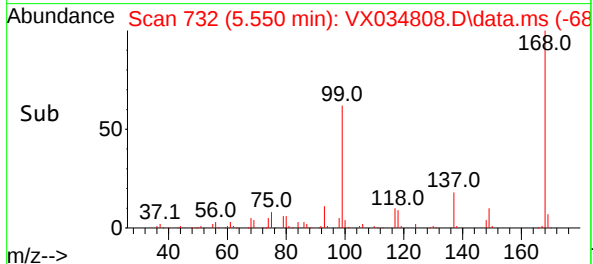
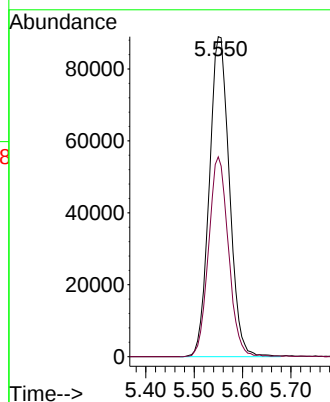
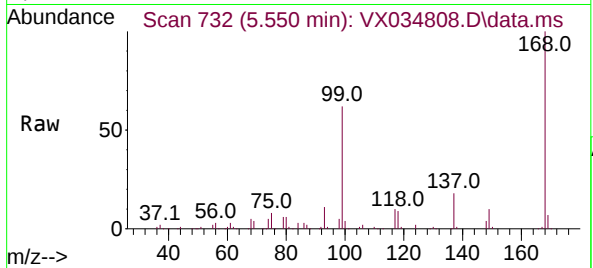




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

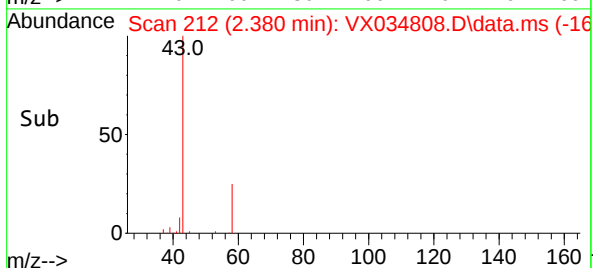
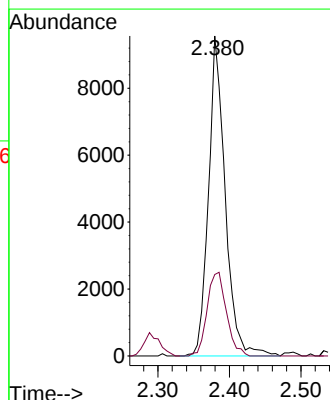
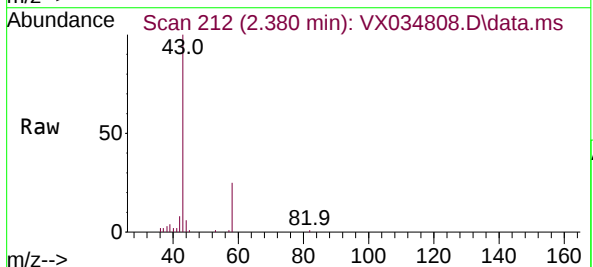
Instrument :
MSVOA_X
ClientSampleId :
B-30-GW01

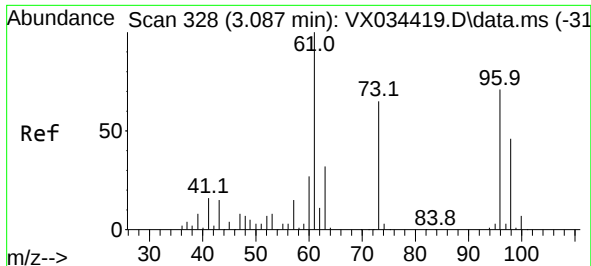
Tgt Ion:168 Resp: 256588
Ion Ratio Lower Upper
168 100
99 62.5 45.7 68.5



#16
Acetone
Concen: 8.820 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion: 43 Resp: 15508
Ion Ratio Lower Upper
43 100
58 25.5 24.7 37.1

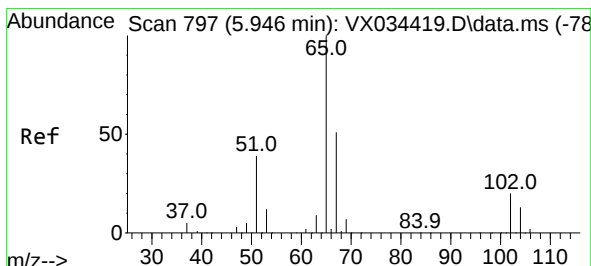
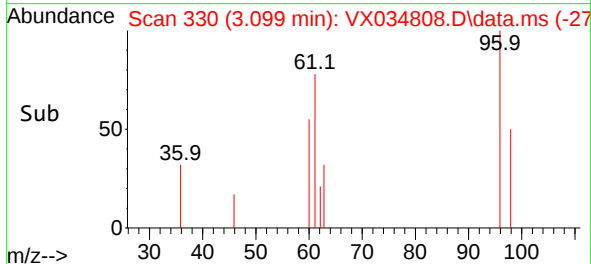
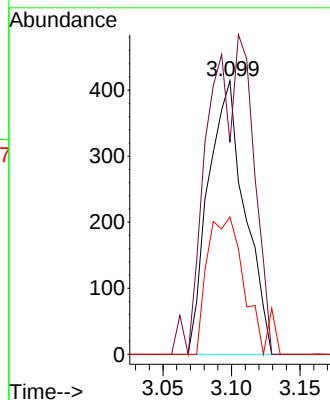
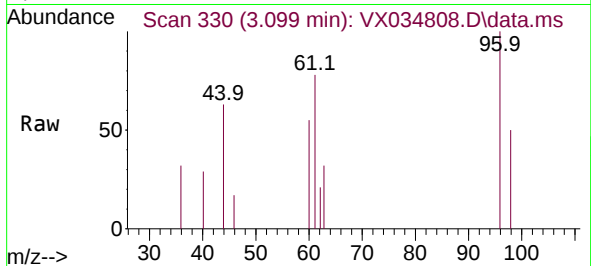




#21
trans-1,2-Dichloroethene
Concen: 0.258 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

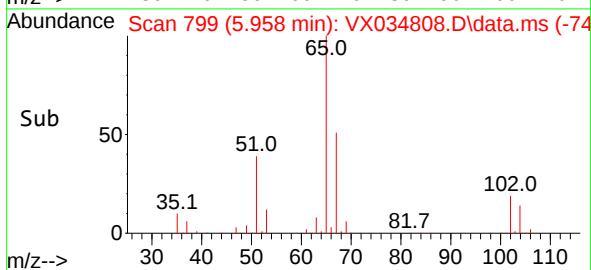
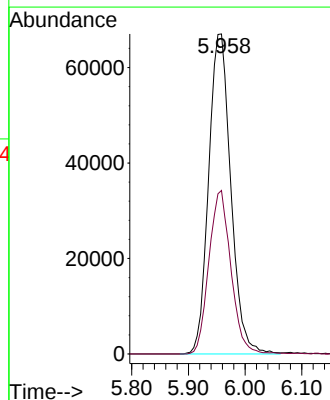
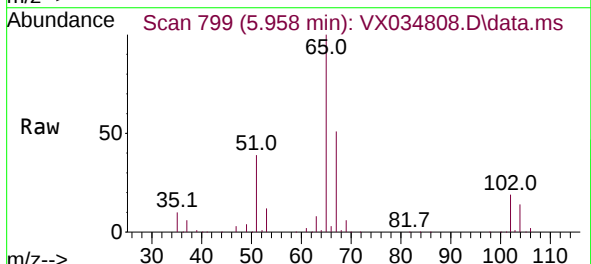
Instrument :
MSVOA_X
ClientSampleId :
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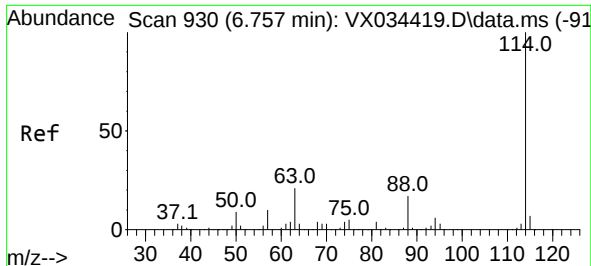
Tgt Ion: 96 Resp: 769
Ion Ratio Lower Upper
96 100
61 77.5 113.0 169.6#
98 50.2 52.1 78.1#



#33
1,2-Dichloroethane-d4
Concen: 48.766 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion: 65 Resp: 182035
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

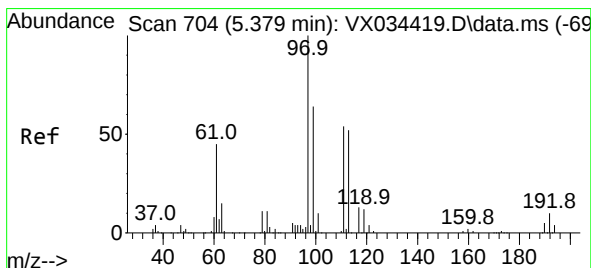
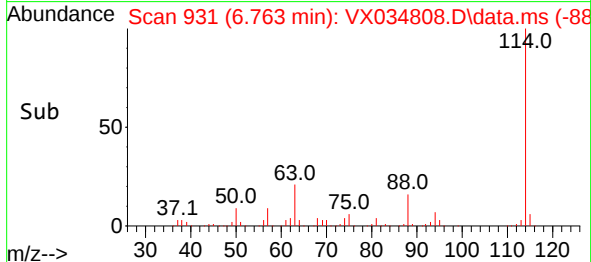
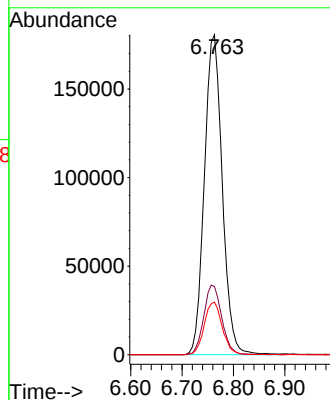
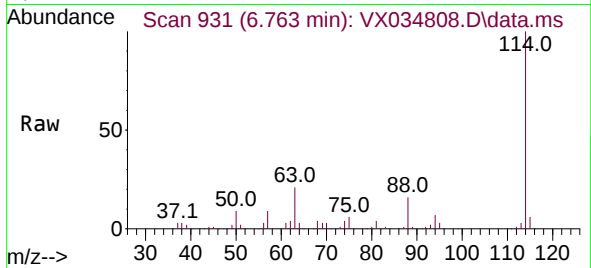




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

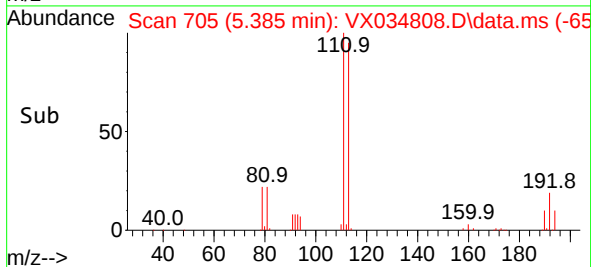
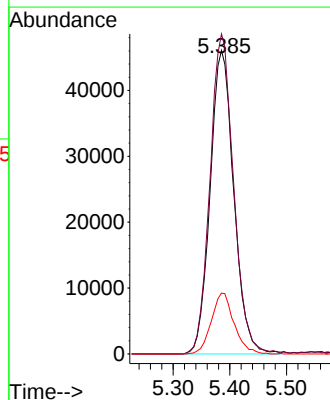
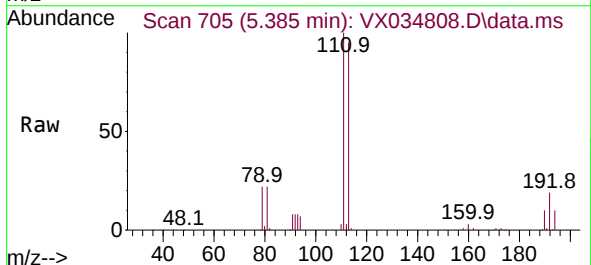
Instrument :
MSVOA_X
ClientSampleId :
B-30-GW01

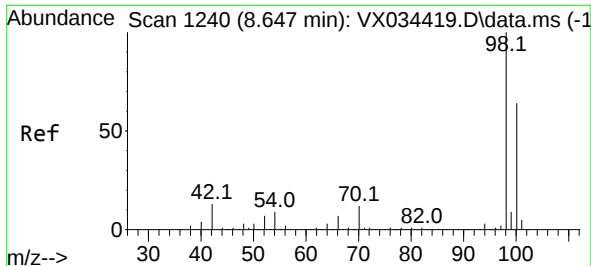
Tgt Ion:114 Resp: 437045
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion:113 Resp: 133456
Ion Ratio Lower Upper
113 100
111 105.5 83.7 125.5
192 19.3 15.4 23.2

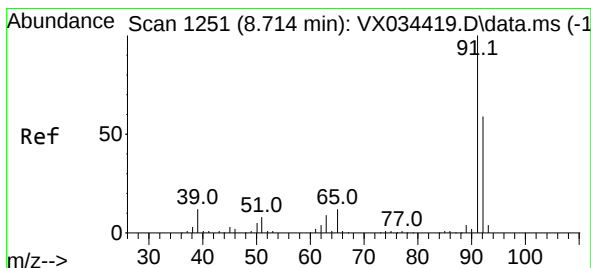
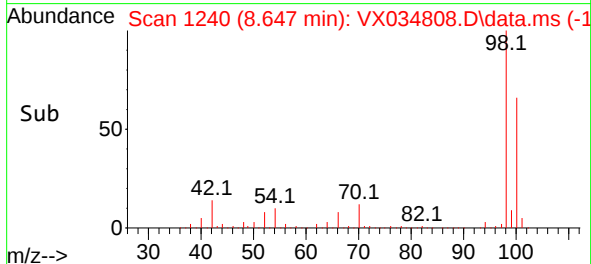
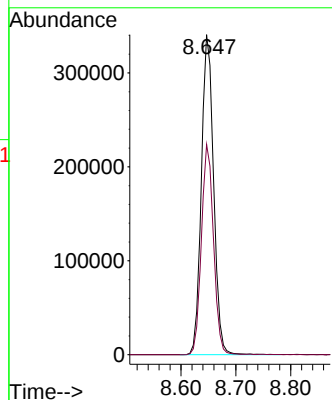
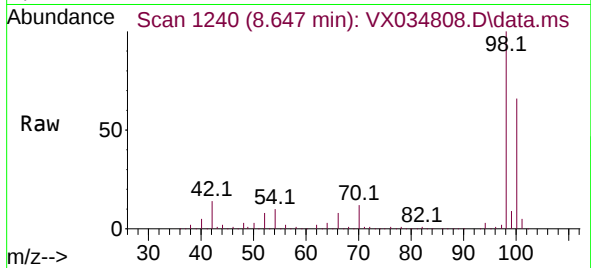




#50
Toluene-d8
Concen: 49.005 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

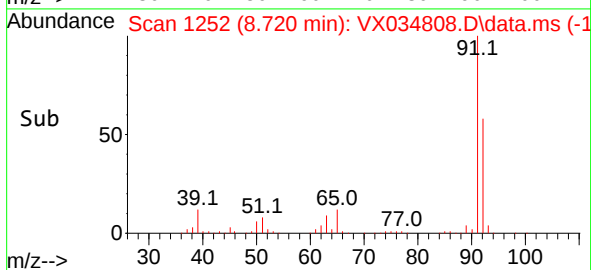
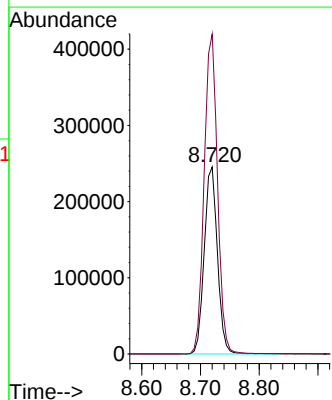
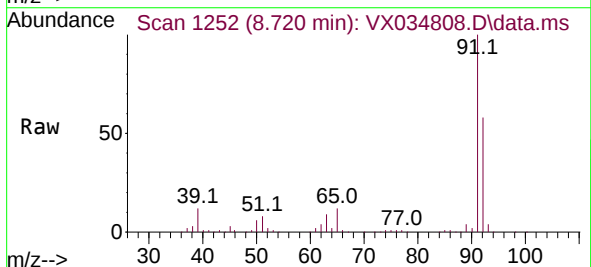
Instrument :
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ClientSampleId :
B-30-GW01

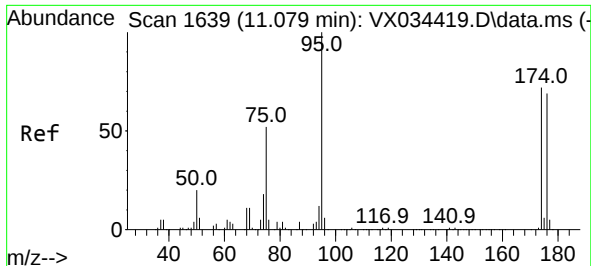
Tgt Ion: 98 Resp: 527887
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#52
Toluene
Concen: 47.627 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion: 92 Resp: 382299
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2

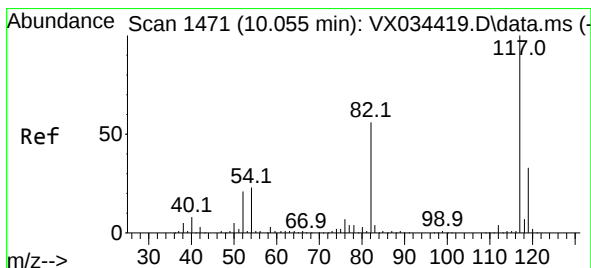
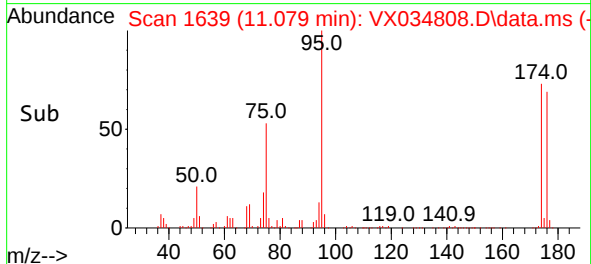
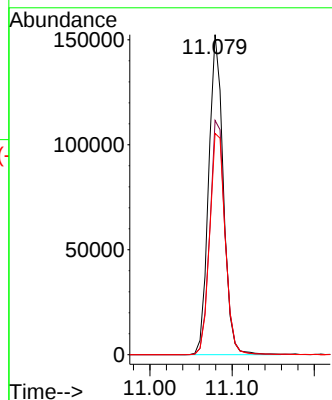
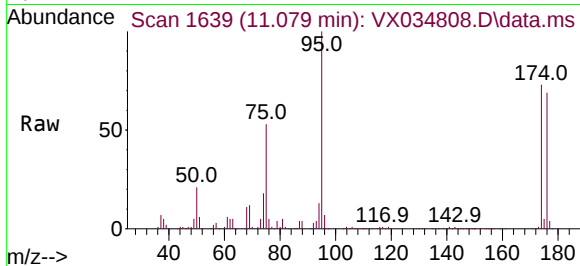




#62
4-Bromofluorobenzene
Concen: 43.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

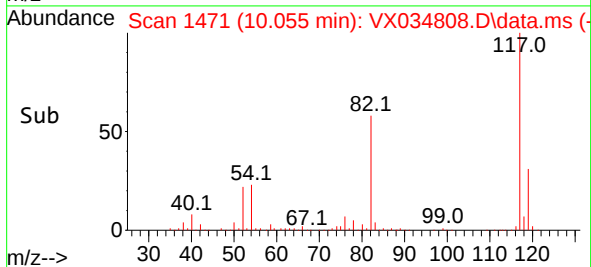
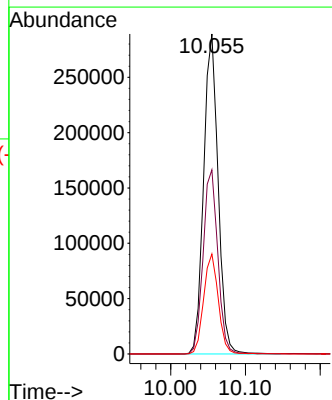
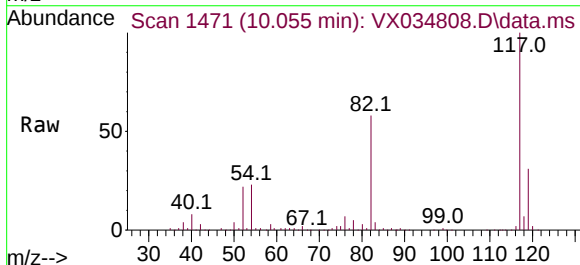
Instrument :
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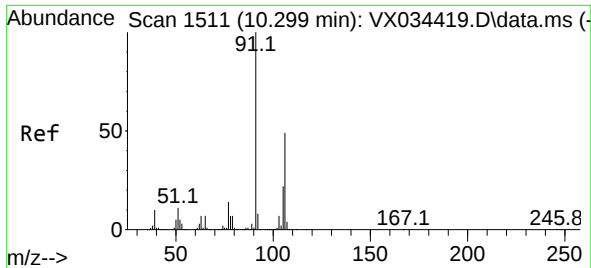
Tgt Ion: 95 Resp: 188441
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.4
176 73.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion: 117 Resp: 389042
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 31.2 26.0 39.0

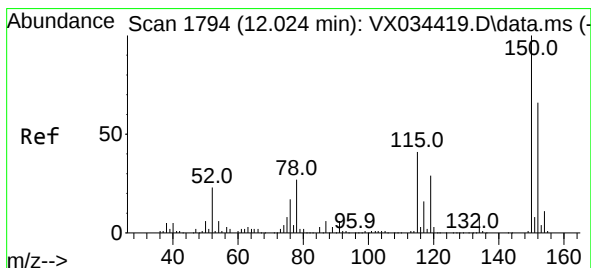
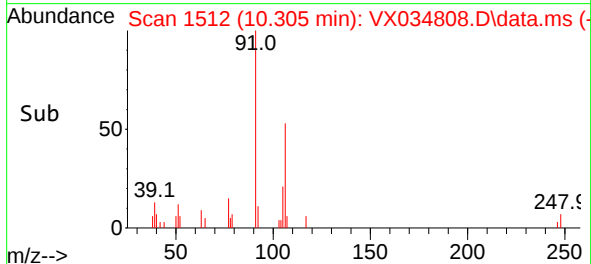
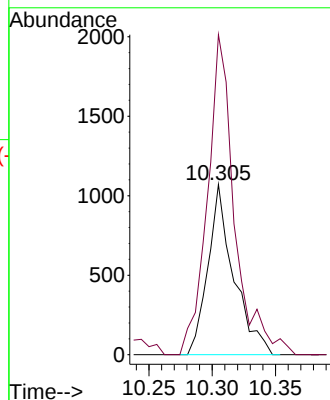
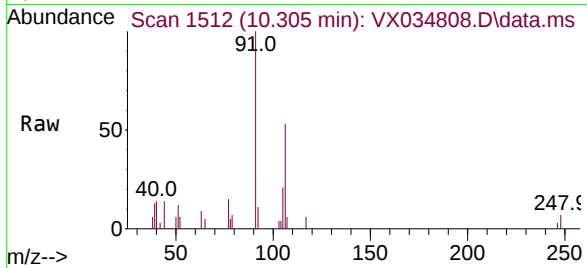




#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

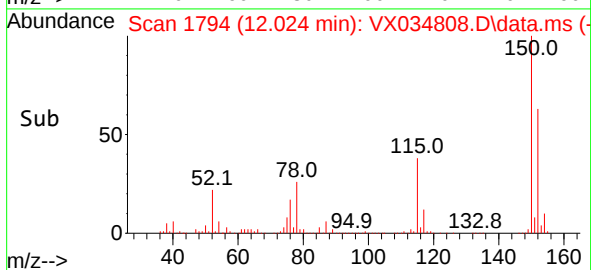
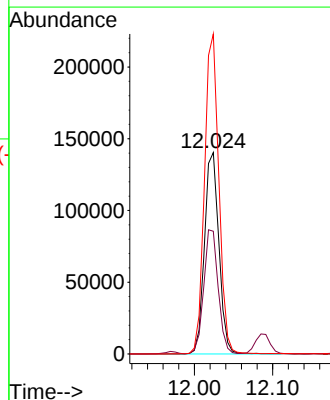
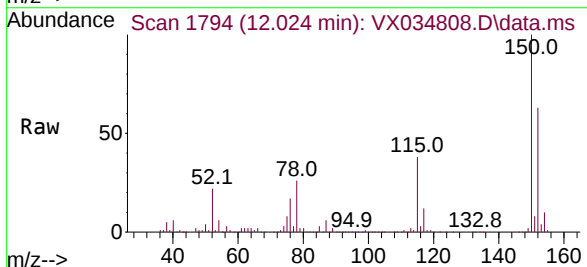
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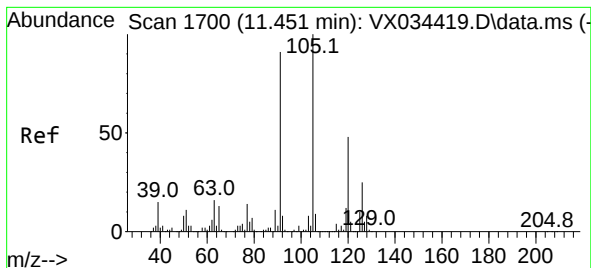
Tgt Ion:106 Resp: 1515
Ion Ratio Lower Upper
106 100
91 198.1 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034808.D
Acq: 28 Mar 2023 21:05

Tgt Ion:152 Resp: 179338
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 157.6 0.0 352.4





#80

1,3,5-Trimethylbenzene

Concen: 0.228 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034808.D

Acq: 28 Mar 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

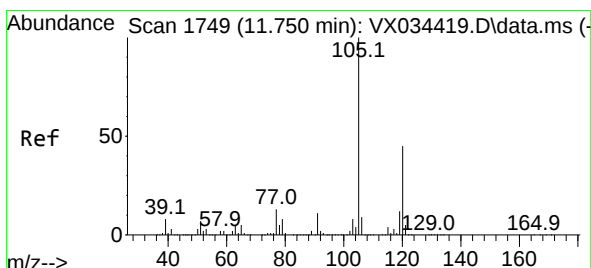
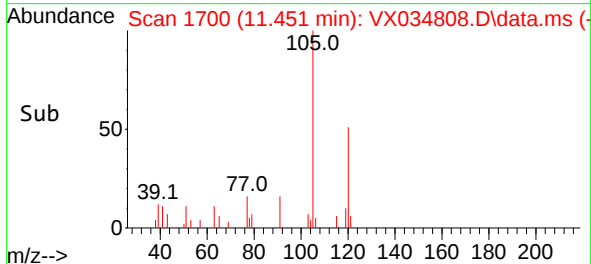
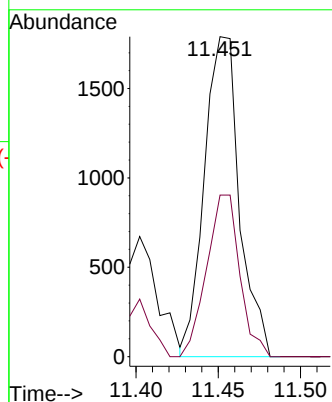
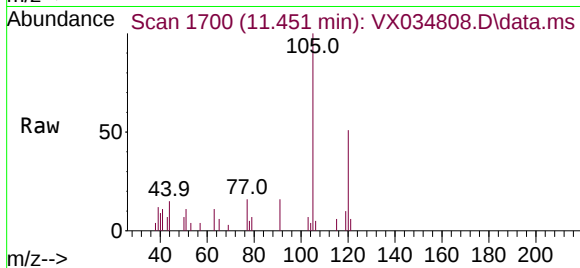
B-30-GW01

Tgt Ion:105 Resp: 2654

Ion Ratio Lower Upper

105 100

120 47.7 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 6.598 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034808.D

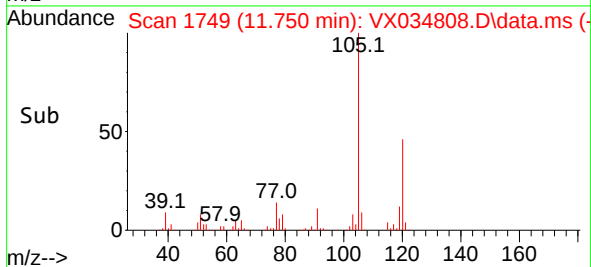
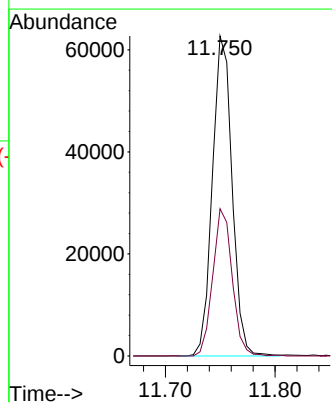
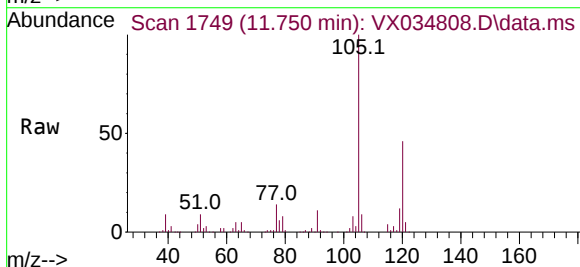
Acq: 28 Mar 2023 21:05

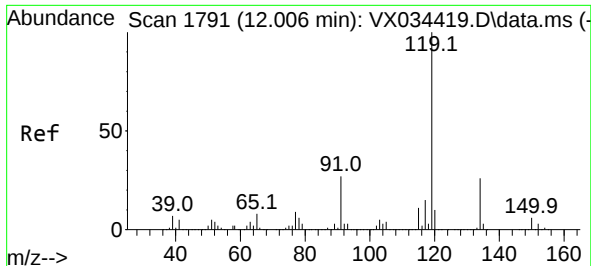
Tgt Ion:105 Resp: 78396

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.0





#86

p-Isopropyltoluene

Concen: 1.364 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034808.D

Acq: 28 Mar 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

B-30-GW01

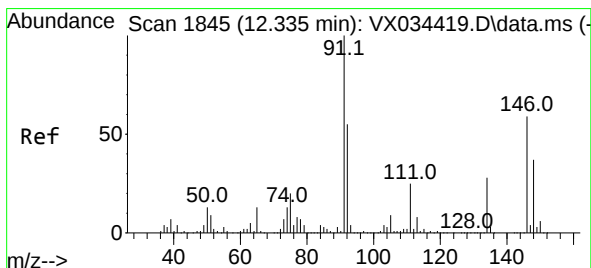
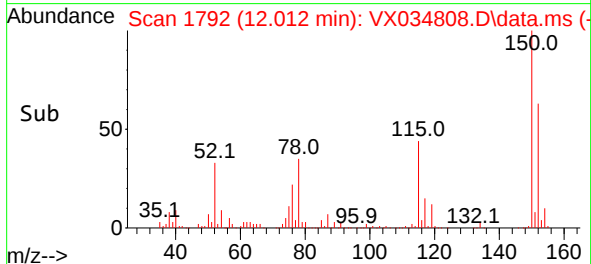
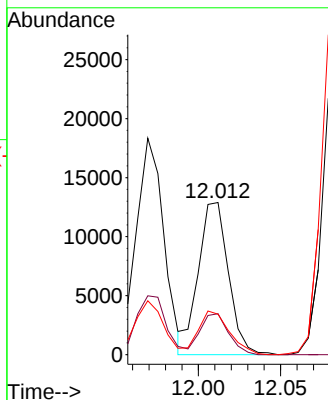
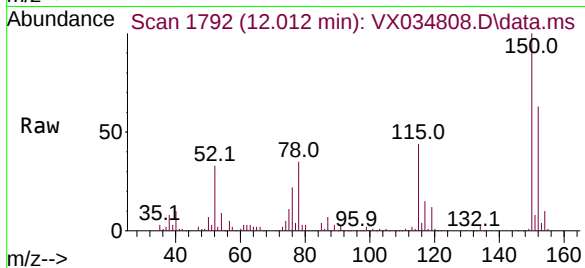
Tgt Ion:119 Resp: 16423

Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

91 29.9 12.9 38.7



#91

1,2-Dichlorobenzene

Concen: 0.353 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034808.D

Acq: 28 Mar 2023 21:05

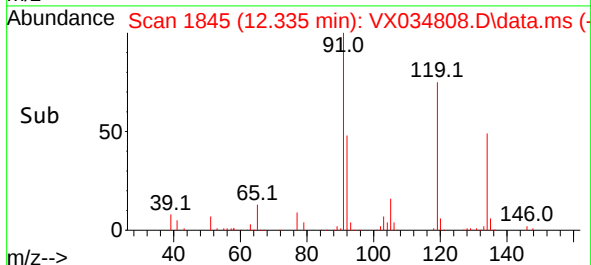
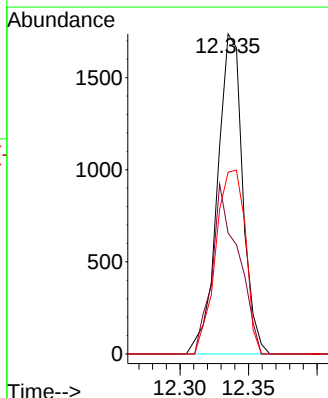
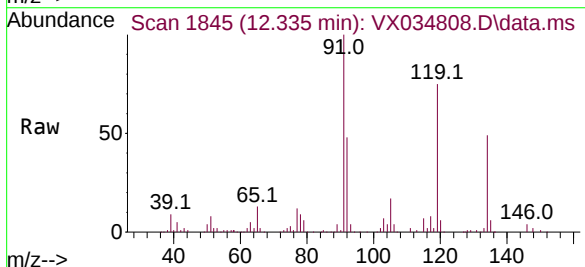
Tgt Ion:146 Resp: 2221

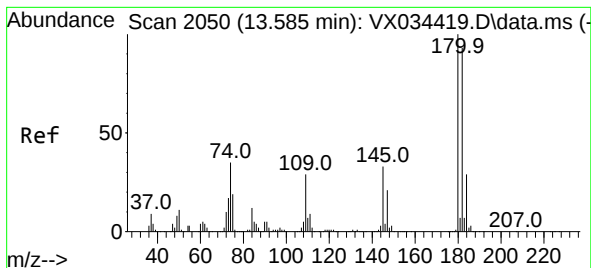
Ion Ratio Lower Upper

146 100

111 55.2 22.0 66.0

148 67.4 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 1.079 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034808.D

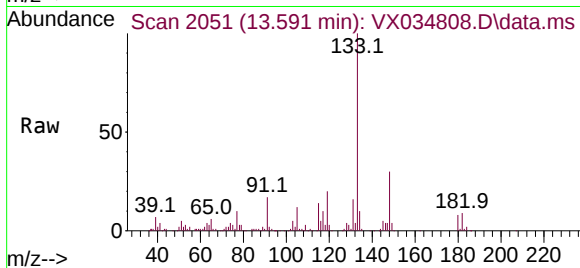
Acq: 28 Mar 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

B-30-GW01



Tgt Ion:180 Resp: 4249

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.0

145 76.2 15.9 47.7#

