

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039602.D
 Acq On : 03 Jan 2024 15:13
 Operator : JC/MD
 Sample : P1002-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1214

Quant Time: Jan 04 03:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

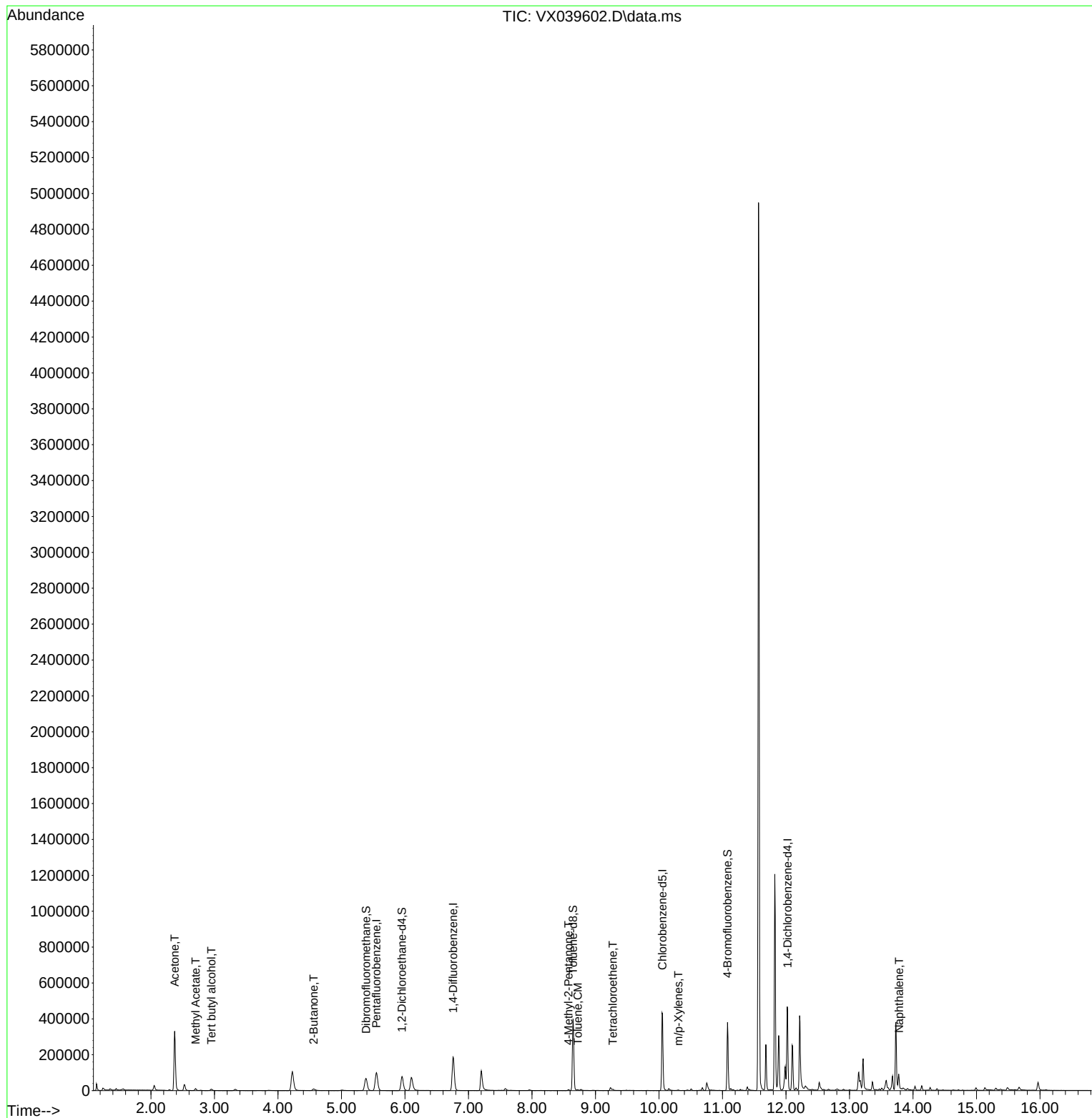
Internal Standards						
1) Pentafluorobenzene	5.550	168	86611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75219	47.407	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.820%		
35) Dibromofluoromethane	5.385	113	60611	47.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	231173	48.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.440%		
62) 4-Bromofluorobenzene	11.079	95	99585	50.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	8914	22.373	ug/l #	91
16) Acetone	2.374	43	338560	381.760	ug/l	94
18) Methyl Acetate	2.703	43	13366	3.895	ug/l	100
25) 2-Butanone	4.562	43	17634	12.879	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	3721	1.441	ug/l	95
52) Toluene	8.720	92	1584	0.460	ug/l	95
64) Tetrachloroethene	9.275	164	949	0.765	ug/l	91
68) m/p-Xylenes	10.305	106	839	0.303	ug/l	98
95) Naphthalene	13.780	128	1942	0.312	ug/l #	96

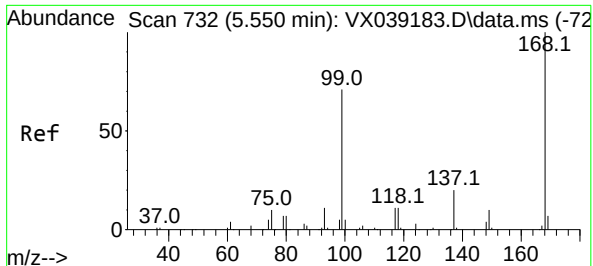
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
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Instrument :
MSVOA_X
ClientSampleId :
1214

Quant Time: Jan 04 03:32:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

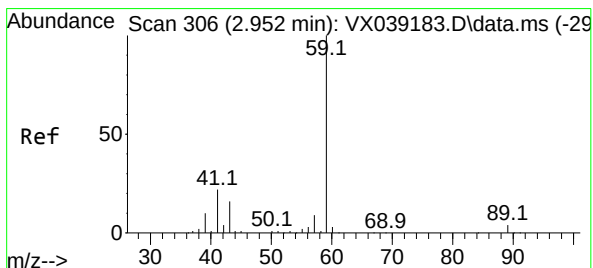
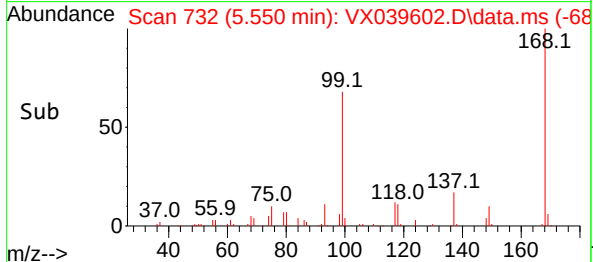
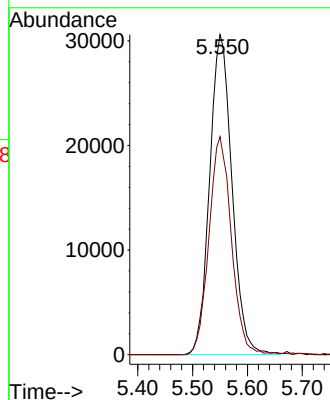
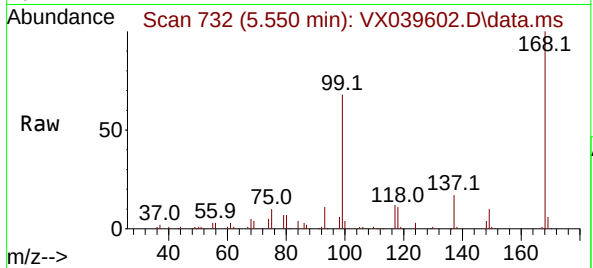




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

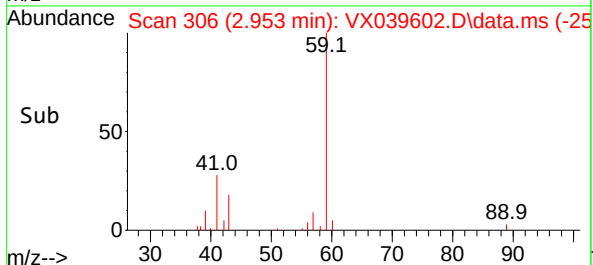
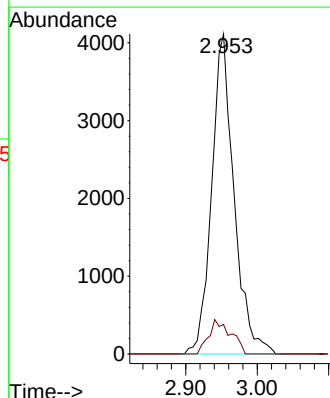
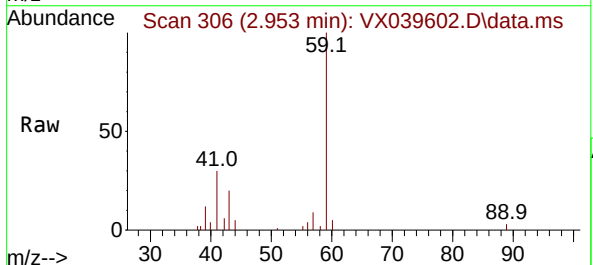
Instrument :
MSVOA_X
ClientSampleId :
1214

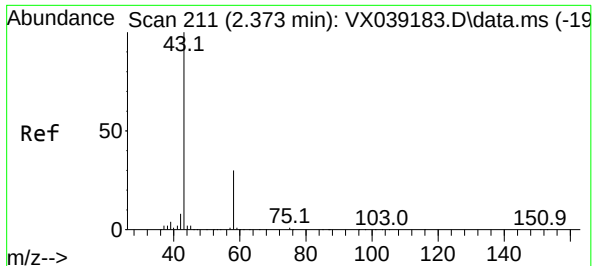
Tgt Ion:168 Resp: 86611
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 22.373 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion: 59 Resp: 8914
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#

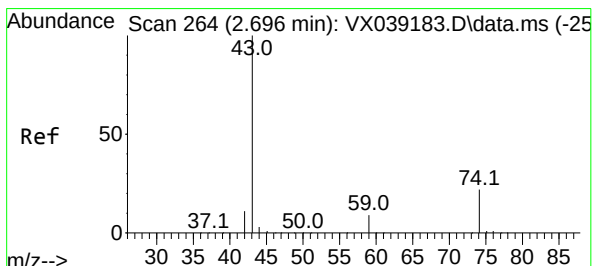
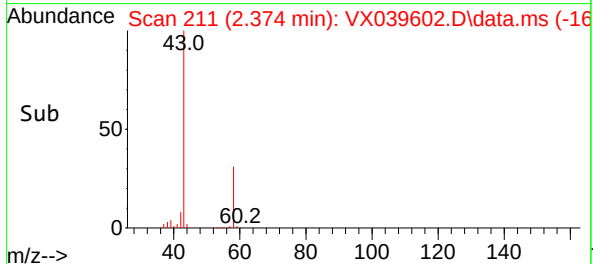
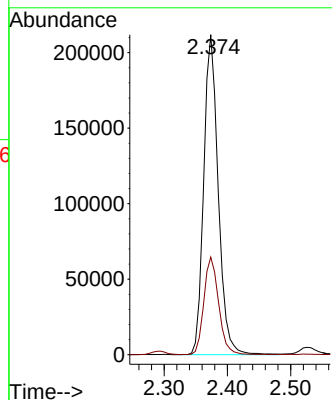
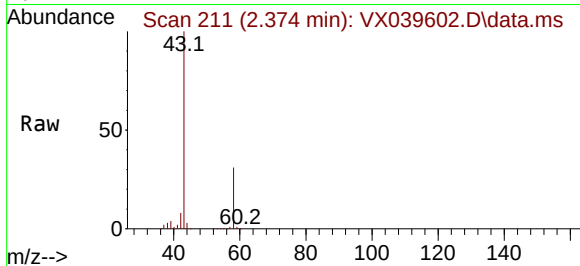




#16
Acetone
Concen: 381.760 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

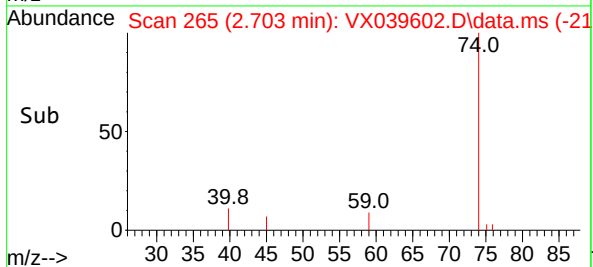
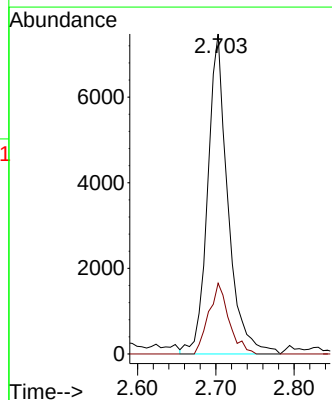
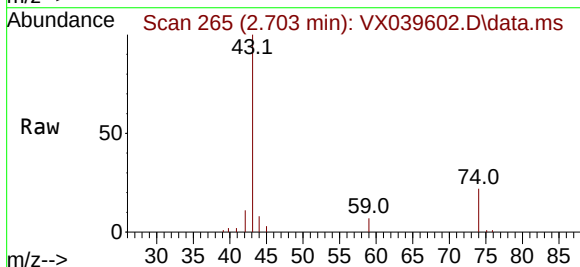
Instrument :
MSVOA_X
ClientSampleId :
1214

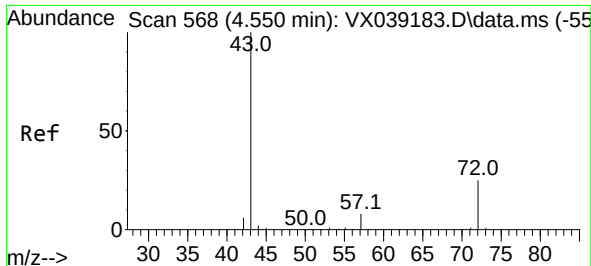
Tgt Ion: 43 Resp: 338560
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#18
Methyl Acetate
Concen: 3.895 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.007 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion: 43 Resp: 13366
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8

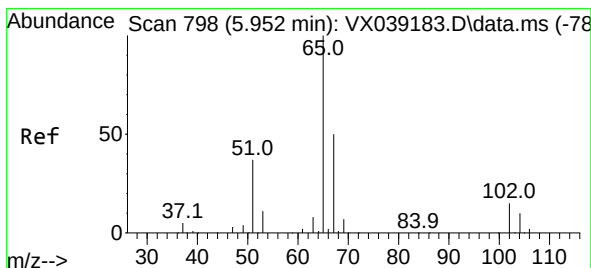
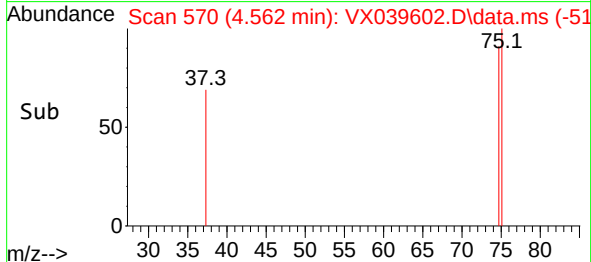
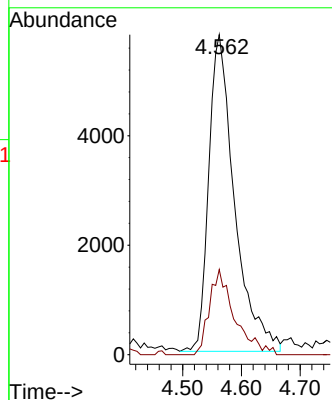
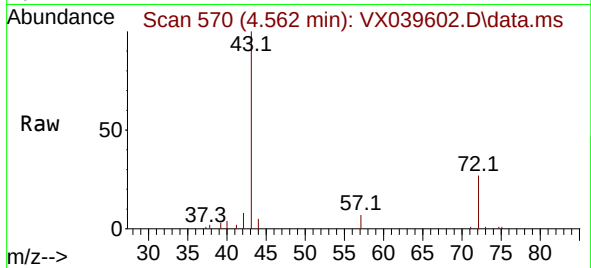




#25
2-Butanone
Concen: 12.879 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

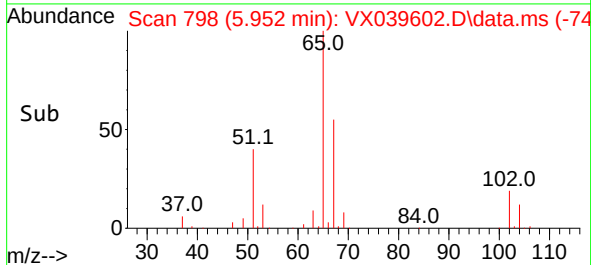
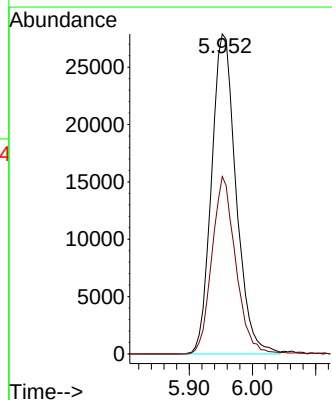
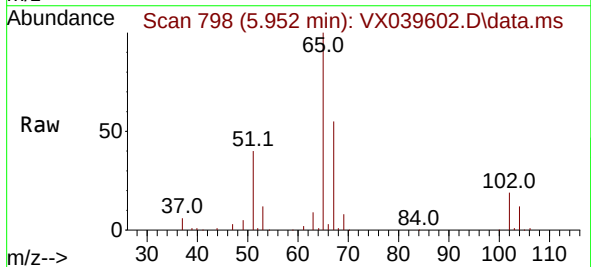
Instrument :
MSVOA_X
ClientSampleId :
1214

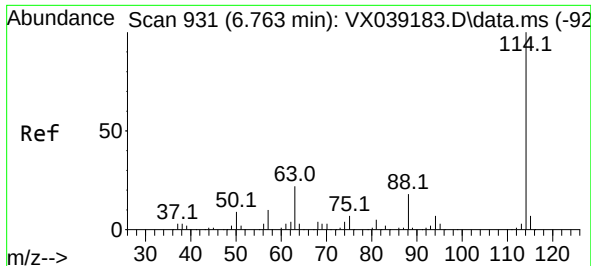
Tgt Ion: 43 Resp: 17634
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.407 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion: 65 Resp: 75219
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

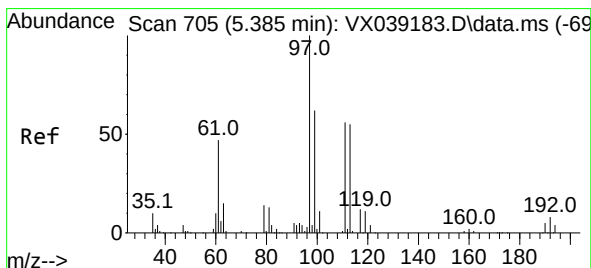
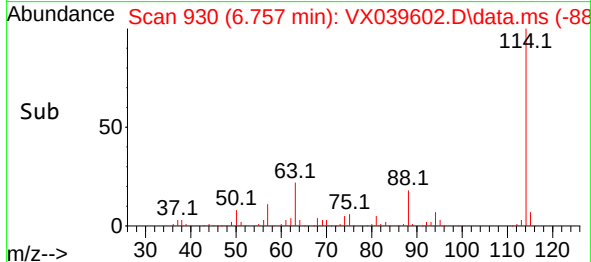
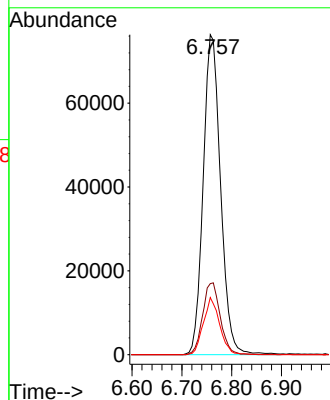
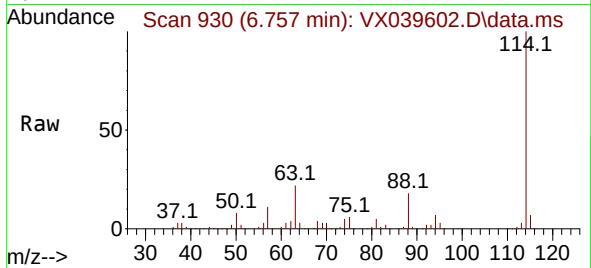




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.006 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

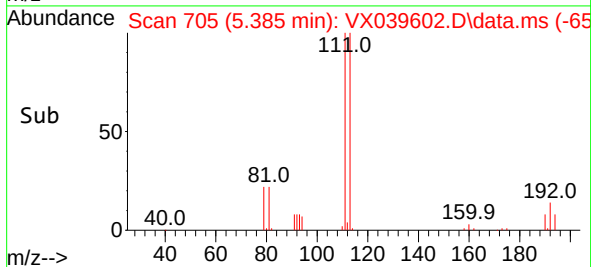
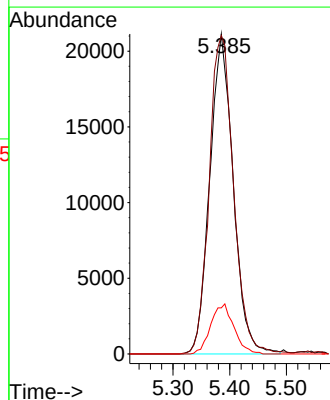
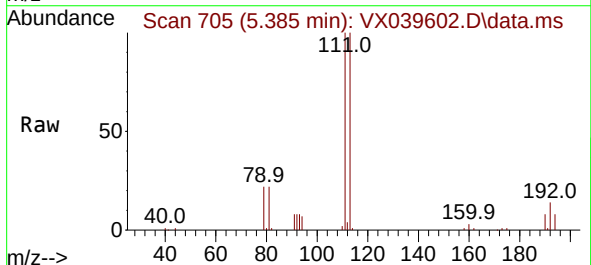
Instrument :
MSVOA_X
ClientSampleId :
1214

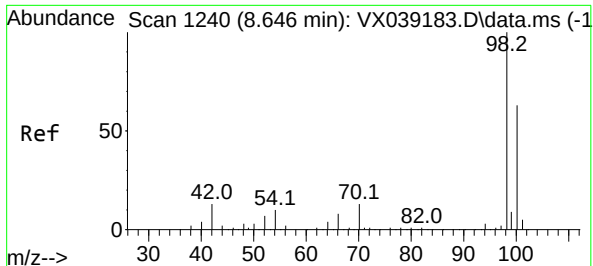
Tgt Ion:114 Resp: 185018
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion:113 Resp: 60611
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 15.5 13.3 19.9





#50

Toluene-d8

Concen: 48.716 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039602.D

Acq: 03 Jan 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

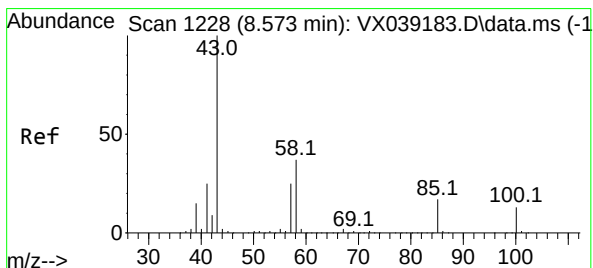
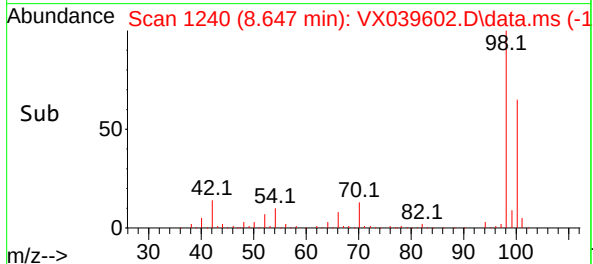
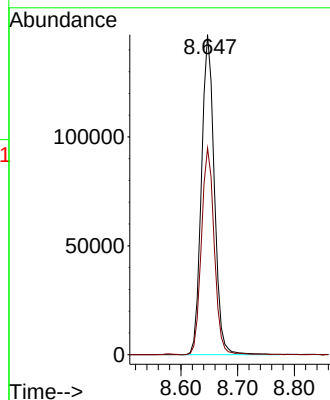
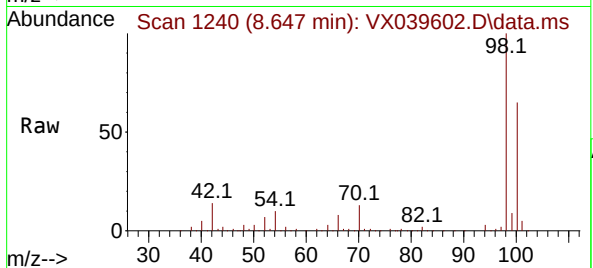
1214

Tgt Ion: 98 Resp: 231173

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.441 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039602.D

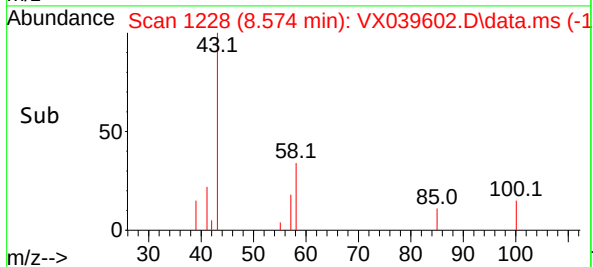
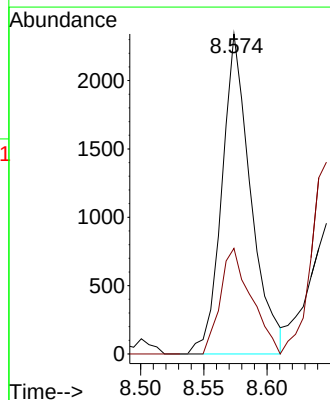
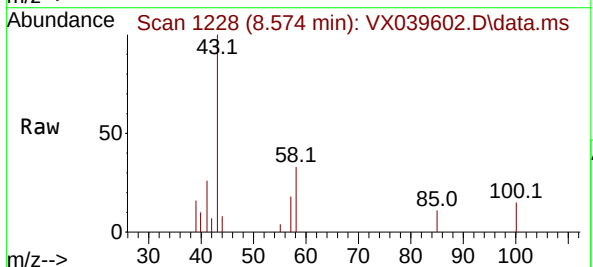
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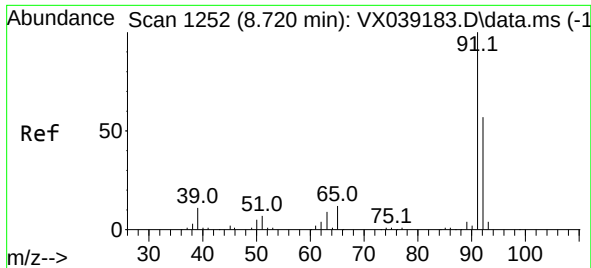
Tgt Ion: 43 Resp: 3721

Ion Ratio Lower Upper

43 100

58 35.2 30.4 45.6

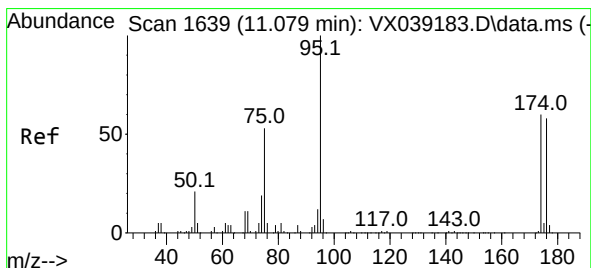
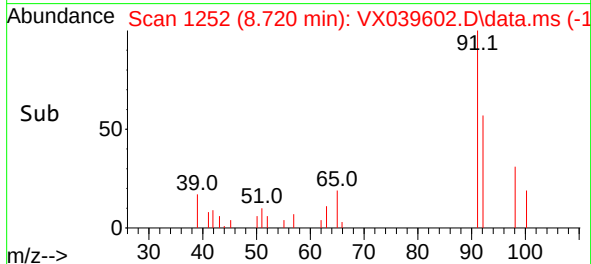
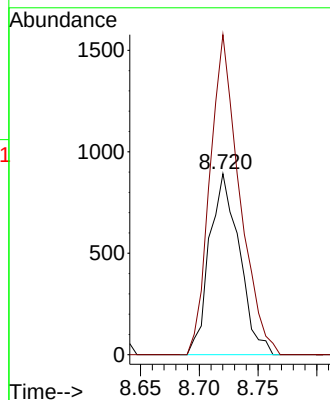
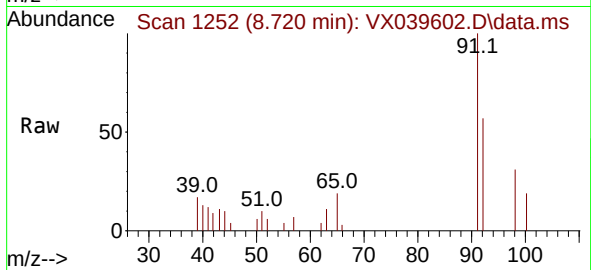




#52
Toluene
Concen: 0.460 ug/l
RT: 8.720 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

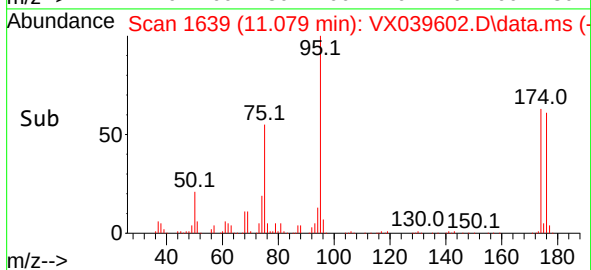
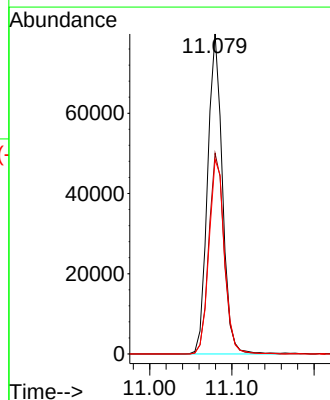
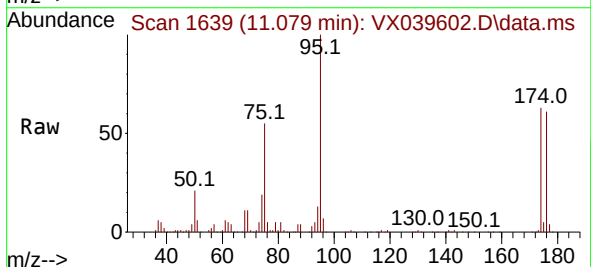
Instrument :
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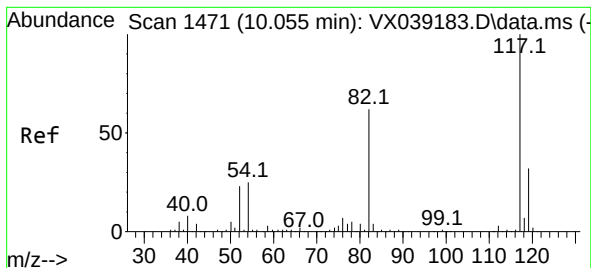
Tgt Ion: 92 Resp: 1584
Ion Ratio Lower Upper
92 100
91 174.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion: 95 Resp: 99585
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.6
176 63.5 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: VX039602.D

Acq: 03 Jan 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

1214

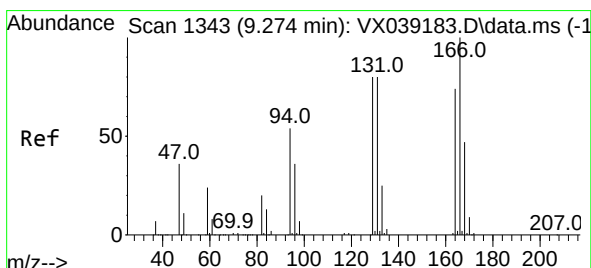
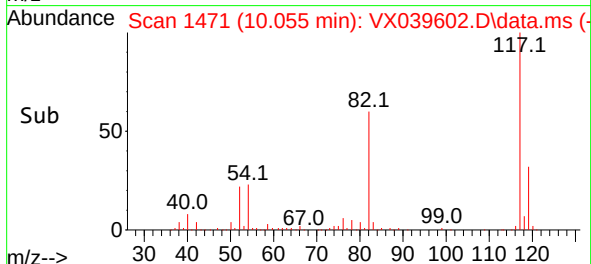
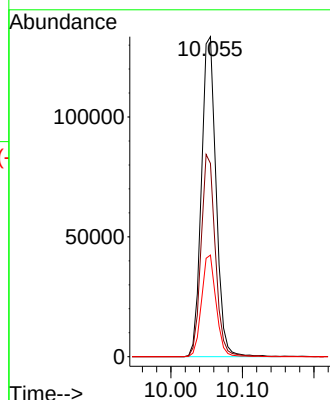
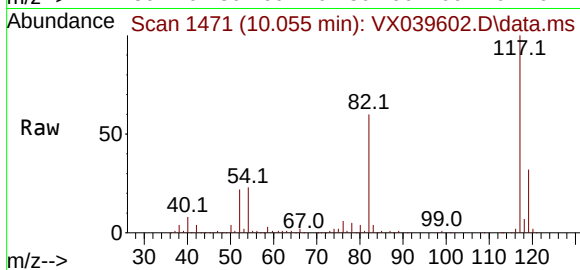
Tgt Ion:117 Resp: 189959

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.765 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039602.D

Acq: 03 Jan 2024 15:13

Tgt Ion:164 Resp: 949

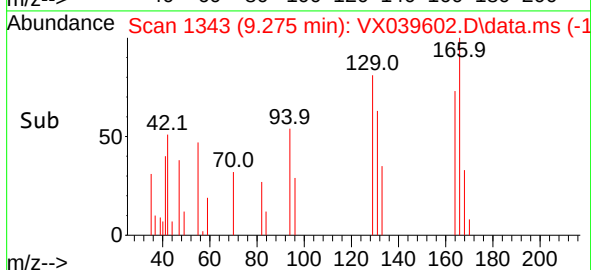
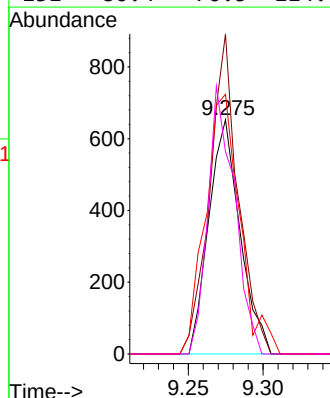
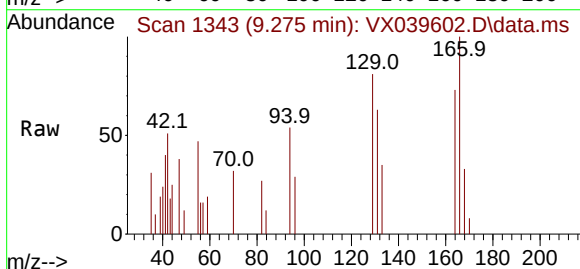
Ion Ratio Lower Upper

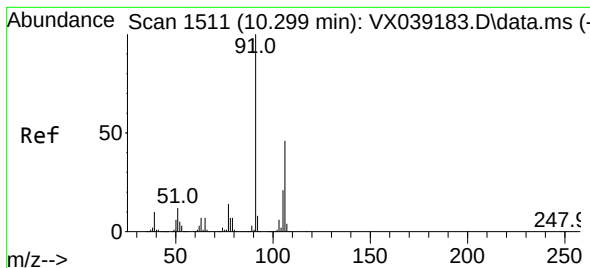
164 100

166 136.6 102.7 154.1

129 110.9 80.4 120.6

131 86.4 76.5 114.7

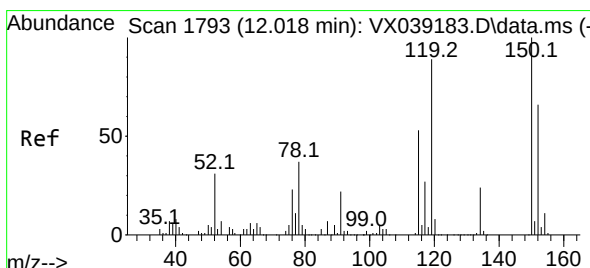
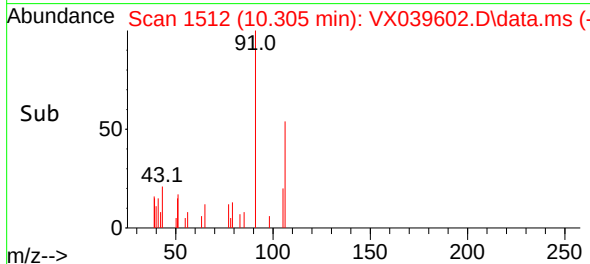
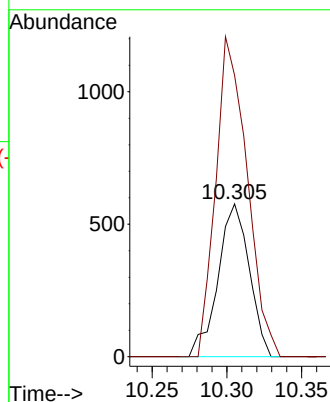
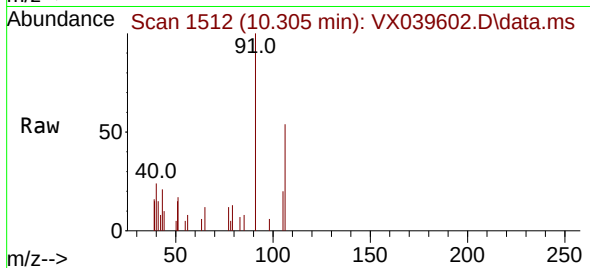




#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

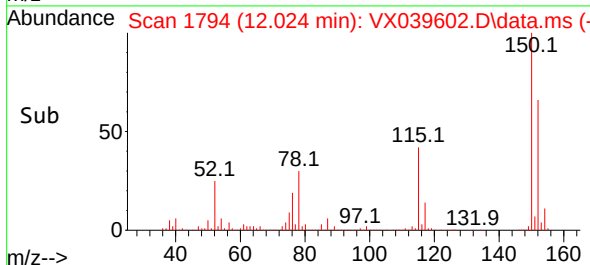
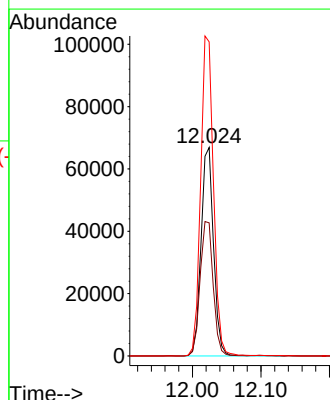
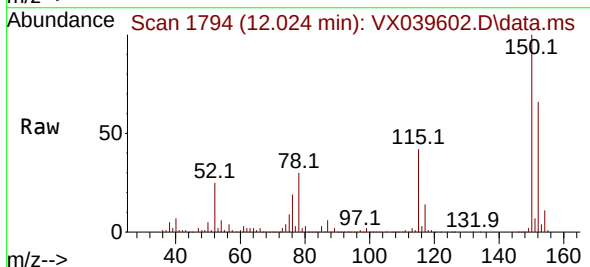
Instrument :
MSVOA_X
ClientSampleId :
1214

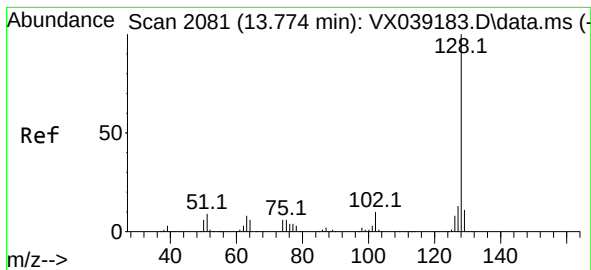
Tgt Ion:106 Resp: 839
Ion Ratio Lower Upper
106 100
91 209.5 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Tgt Ion:152 Resp: 85120
Ion Ratio Lower Upper
152 100
115 67.4 43.3 129.9
150 156.8 0.0 345.0





#95
Naphthalene
Concen: 0.312 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039602.D
Acq: 03 Jan 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
1214

Tgt Ion:128 Resp: 1942
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 8.3 8.8 13.2#

