

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050725\
 Data File : VX046076.D
 Acq On : 07 May 2025 16:36
 Operator : JC/MD
 Sample : Q1980-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3832

Quant Time: May 08 01:49:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

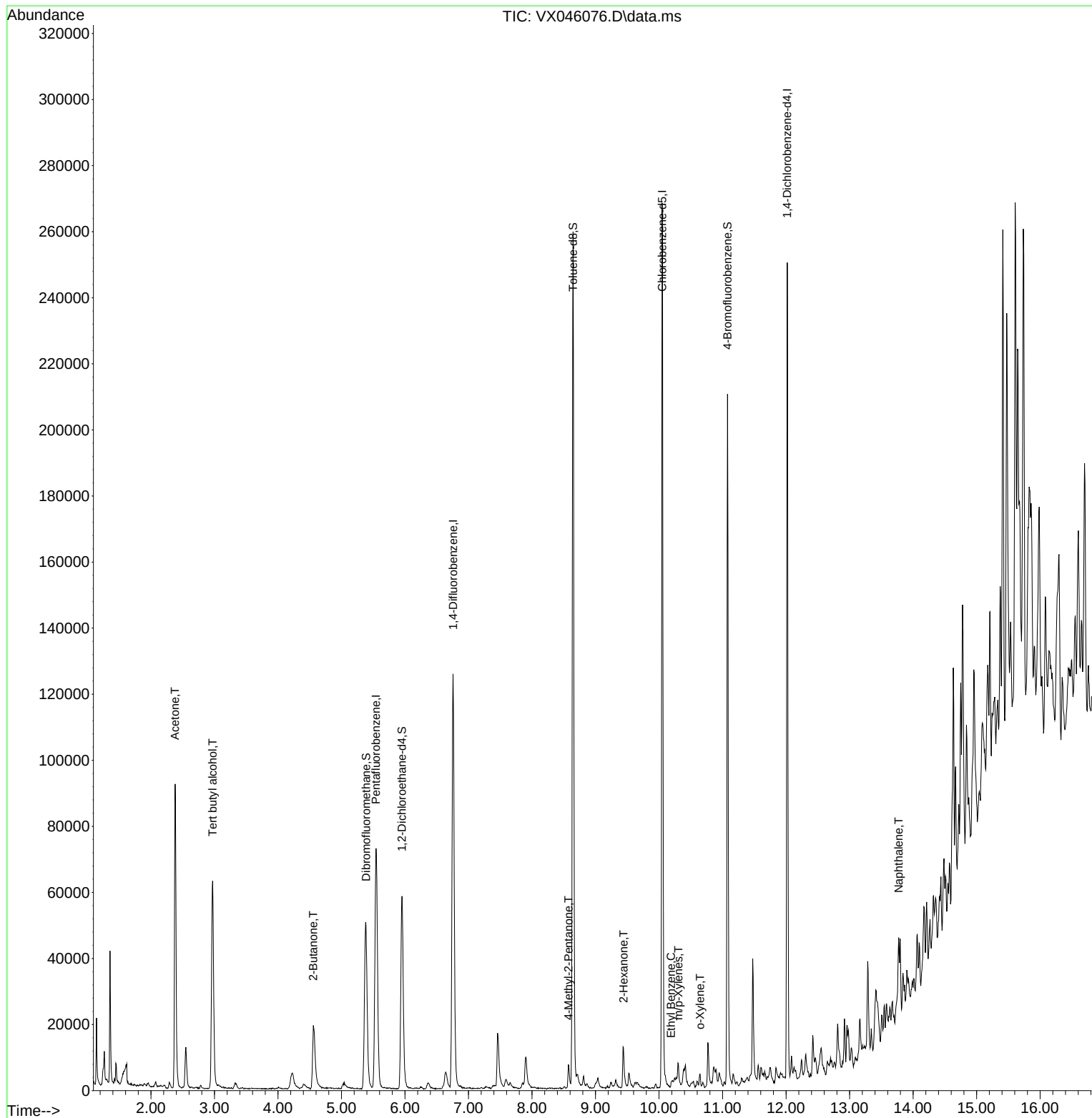
Internal Standards						
1) Pentafluorobenzene	5.543	168	62183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	107312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59716	51.511	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.020%	
35) Dibromofluoromethane	5.385	113	43870	50.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	8.646	98	150184	50.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	55064	47.975	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	68115	418.579	ug/l	99
16) Acetone	2.379	43	100012	215.162	ug/l	100
25) 2-Butanone	4.556	43	36622	54.269	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	4780	3.289	ug/l	99
59) 2-Hexanone	9.439	43	8363	7.778	ug/l	94
67) Ethyl Benzene	10.189	91	1342	0.324	ug/l #	86
68) m/p-Xylenes	10.305	106	1712	1.131	ug/l	99
69) o-Xylene	10.646	106	846	0.573	ug/l	88
95) Naphthalene	13.774	128	13444	4.293	ug/l #	89

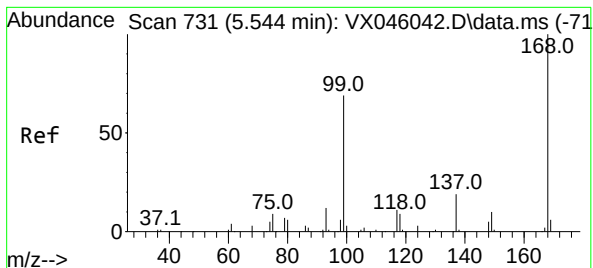
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050725\
Data File : VX046076.D
Acq On : 07 May 2025 16:36
Operator : JC/MD
Sample : Q1980-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
3832

Quant Time: May 08 01:49:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX046076.D

Acq: 07 May 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

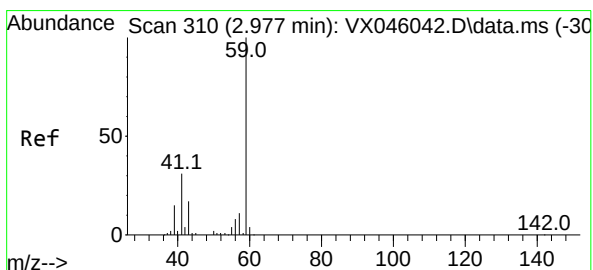
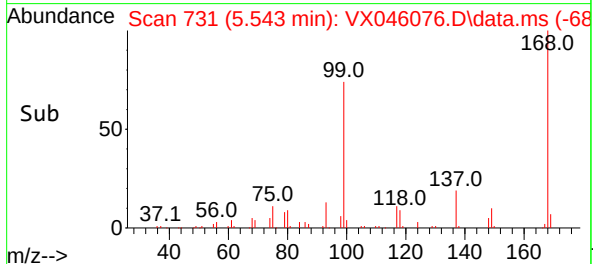
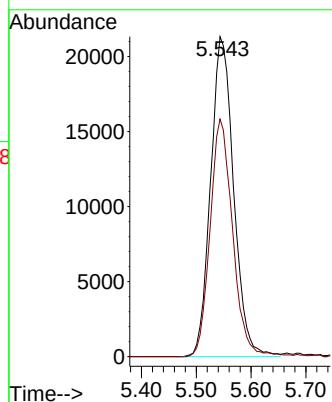
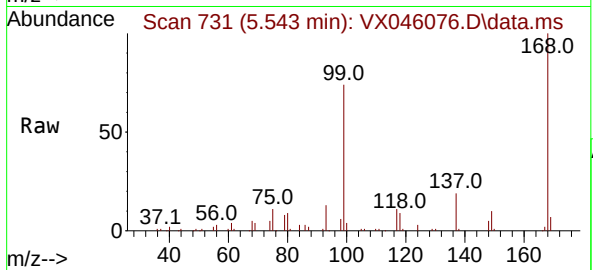
3832

Tgt Ion:168 Resp: 62183

Ion Ratio Lower Upper

168 100

99 74.3 54.9 82.3



#11

Tert butyl alcohol

Concen: 418.579 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.007 min

Lab File: VX046076.D

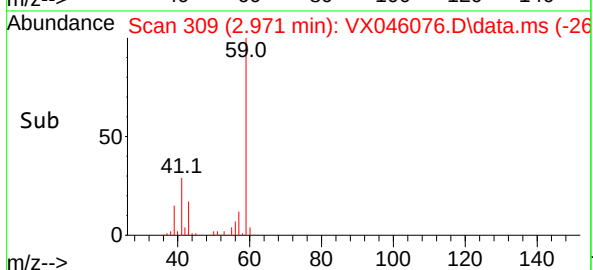
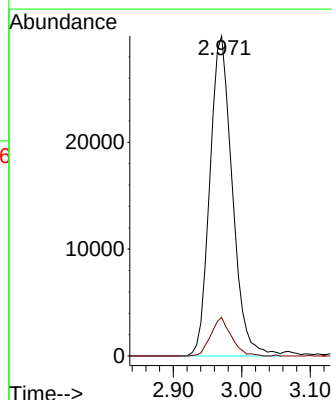
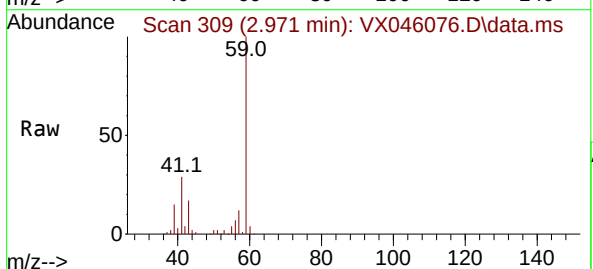
Acq: 07 May 2025 16:36

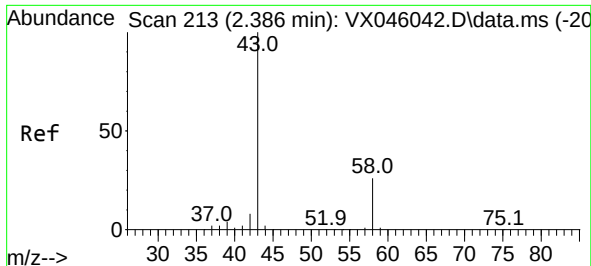
Tgt Ion: 59 Resp: 68115

Ion Ratio Lower Upper

59 100

57 11.0 8.6 12.8

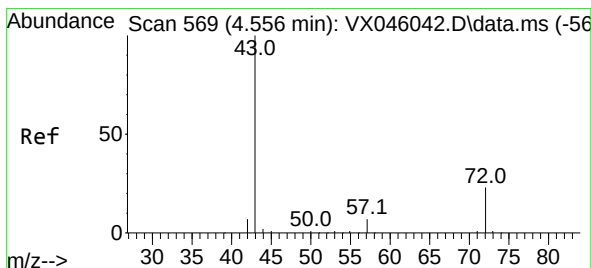
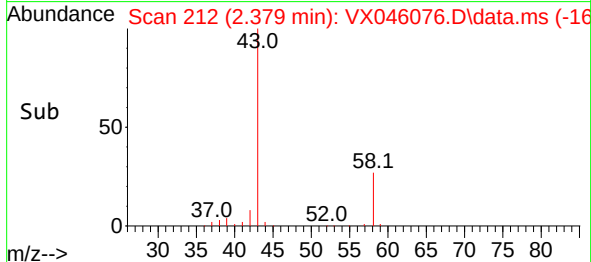
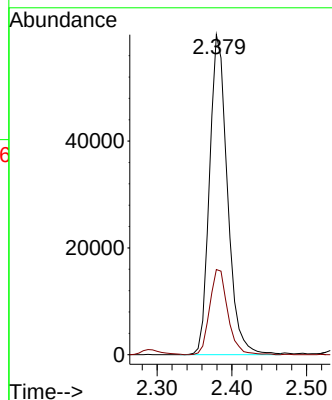
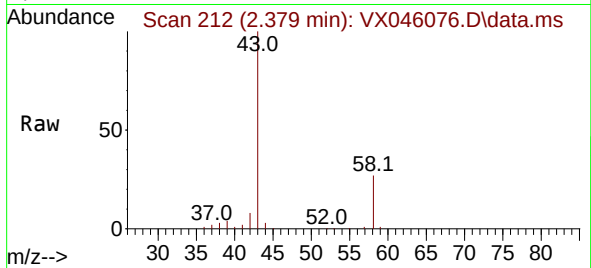




#16
Acetone
Concen: 215.162 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

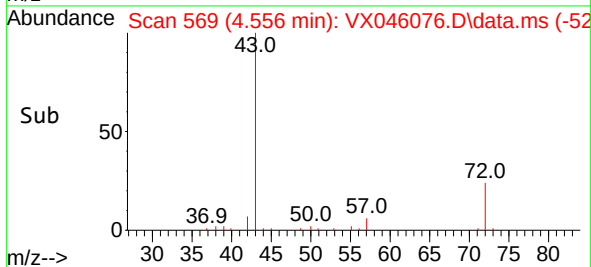
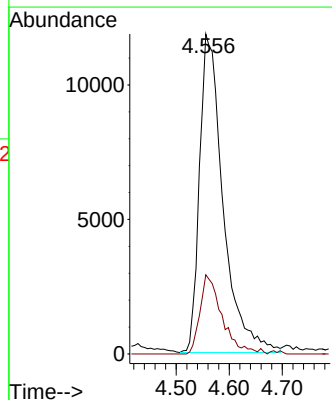
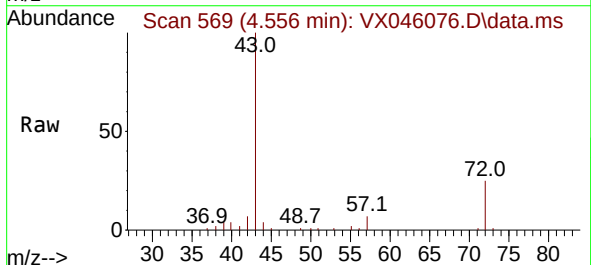
Instrument :
MSVOA_X
ClientSampleId :
3832

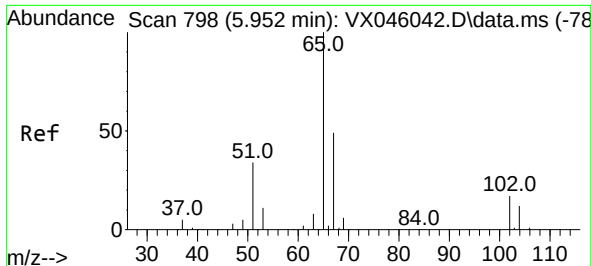
Tgt Ion: 43 Resp: 100012
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8



#25
2-Butanone
Concen: 54.269 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

Tgt Ion: 43 Resp: 36622
Ion Ratio Lower Upper
43 100
72 24.9 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 51.511 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046076.D

Acq: 07 May 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

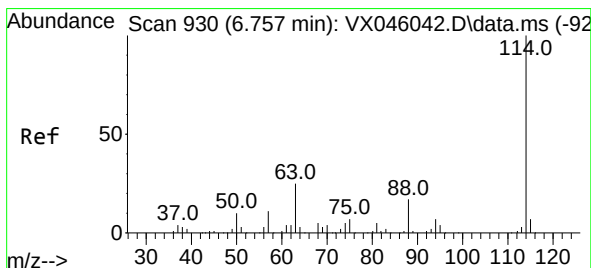
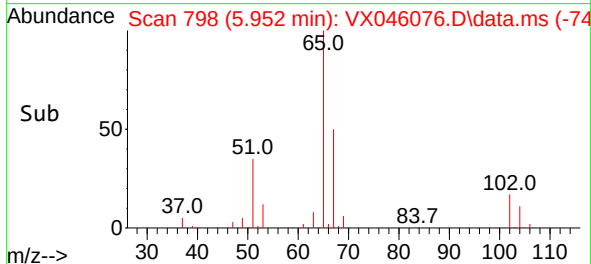
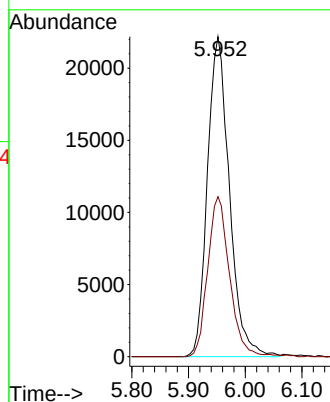
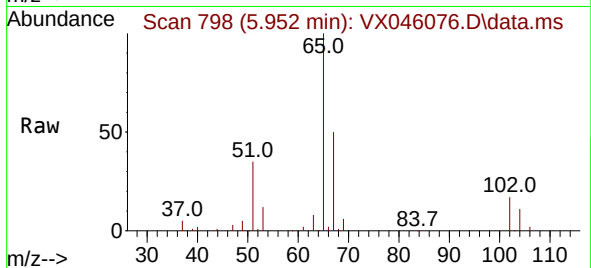
3832

Tgt Ion: 65 Resp: 59716

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046076.D

Acq: 07 May 2025 16:36

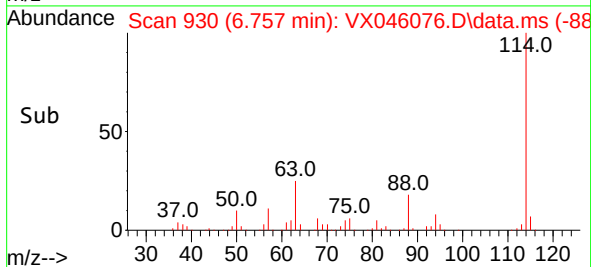
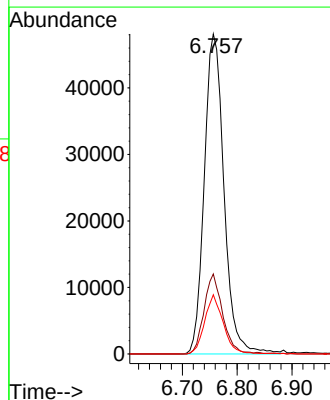
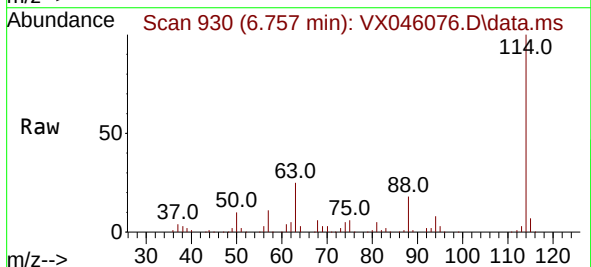
Tgt Ion: 114 Resp: 120054

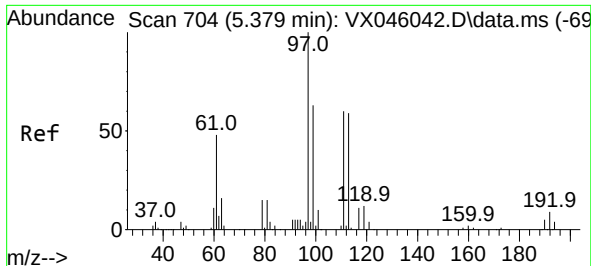
Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.2

88 18.5 0.0 33.6

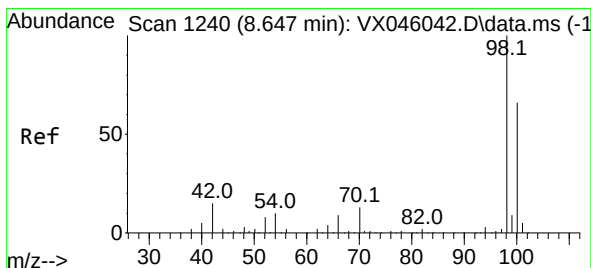
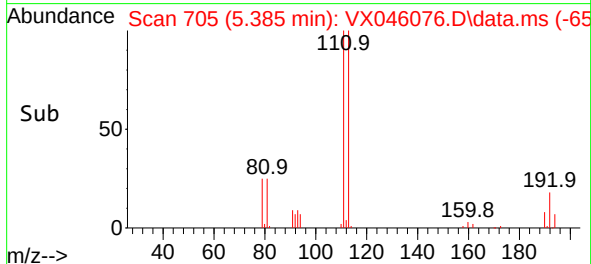
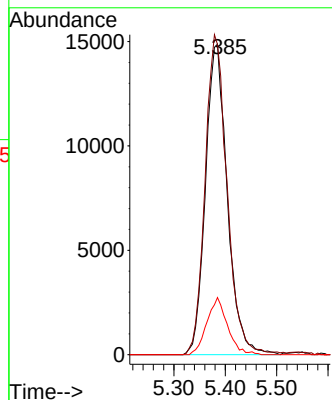
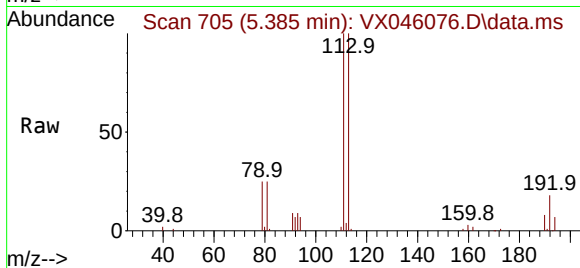




#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

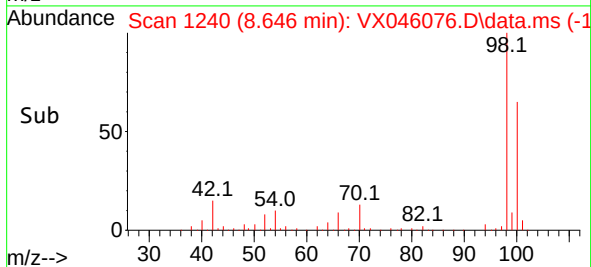
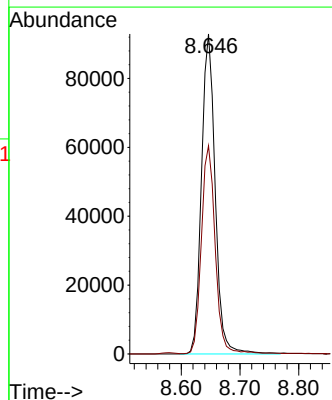
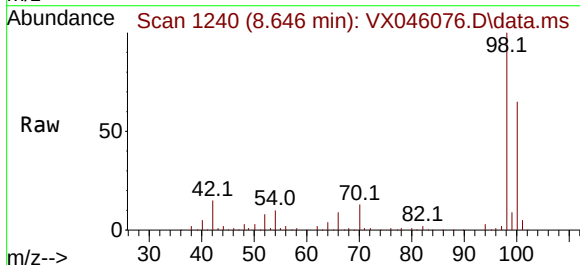
Instrument :
MSVOA_X
ClientSampleId :
3832

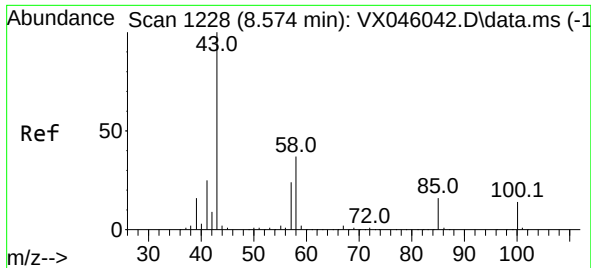
Tgt Ion:113 Resp: 43870
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 17.4 13.3 19.9



#50
Toluene-d8
Concen: 50.192 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

Tgt Ion: 98 Resp: 150184
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3

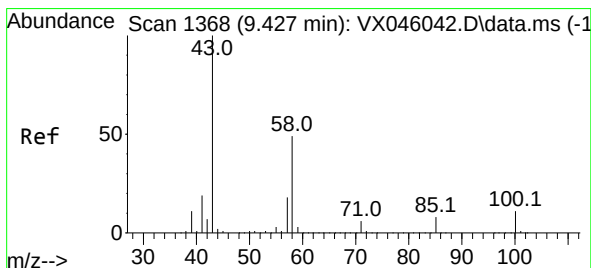
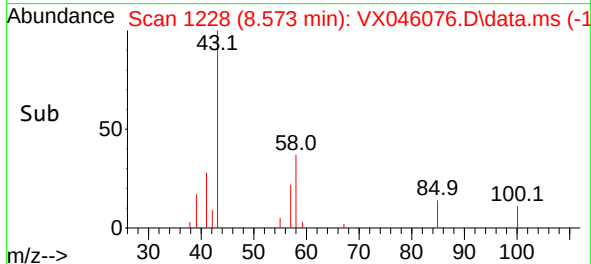
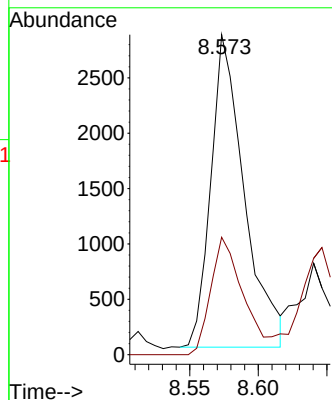
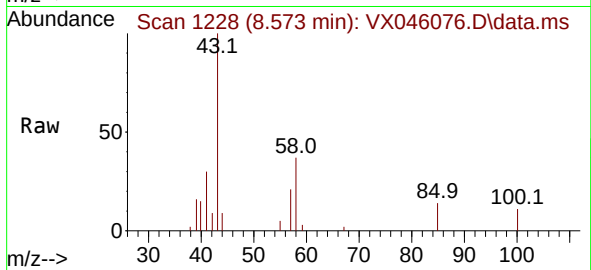




#51
4-Methyl-2-Pentanone
Concen: 3.289 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

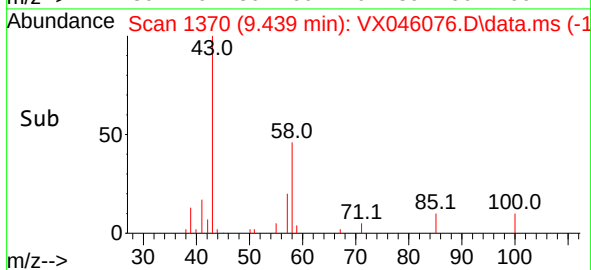
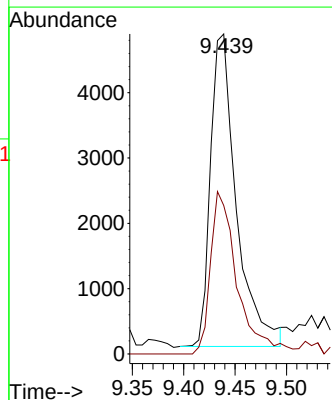
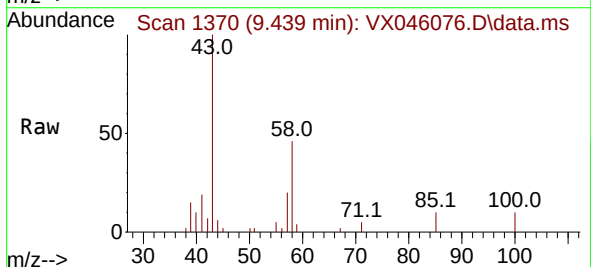
Instrument :
MSVOA_X
ClientSampleId :
3832

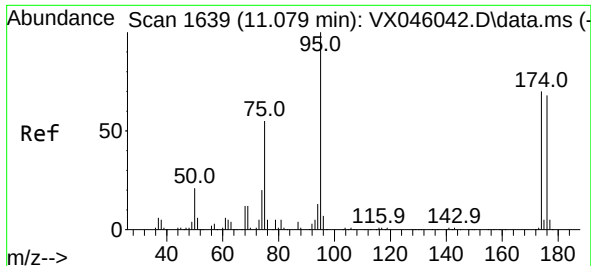
Tgt Ion: 43 Resp: 4780
Ion Ratio Lower Upper
43 100
58 36.9 28.9 43.3



#59
2-Hexanone
Concen: 7.778 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

Tgt Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
58 53.6 24.9 74.6

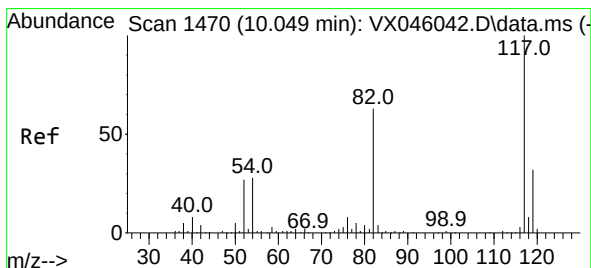
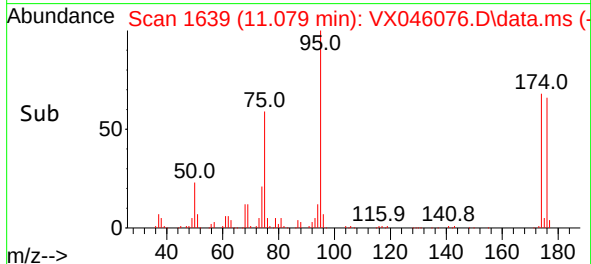
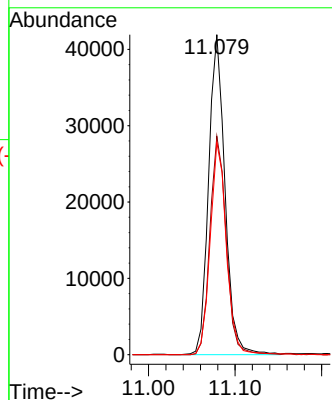
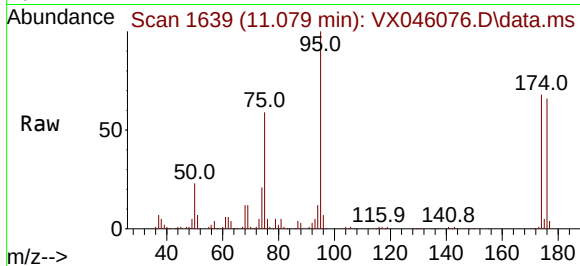




#62
4-Bromofluorobenzene
Concen: 47.975 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

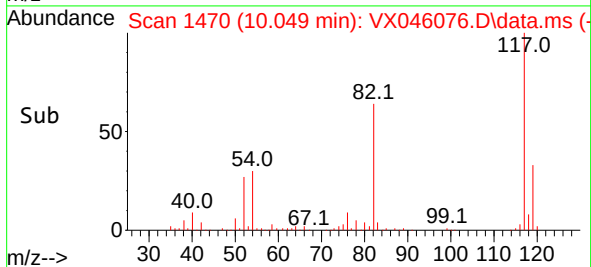
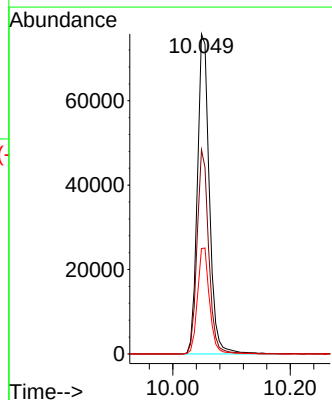
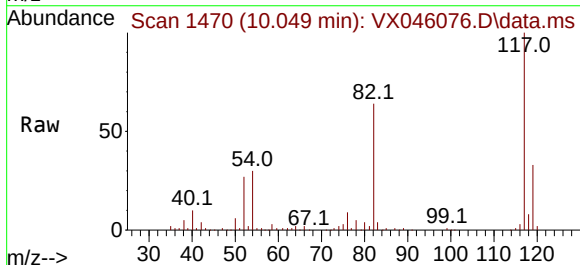
Instrument :
MSVOA_X
ClientSampleId :
3832

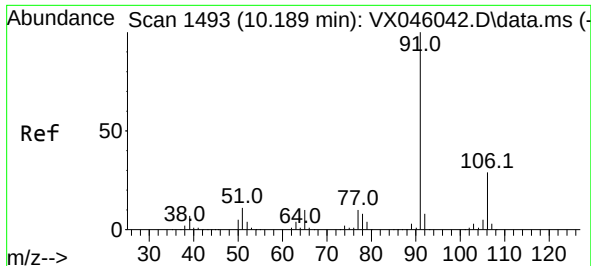
Tgt Ion: 95 Resp: 55064
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

Tgt Ion: 117 Resp: 107312
Ion Ratio Lower Upper
117 100
82 63.8 50.6 76.0
119 33.0 25.8 38.6





#67

Ethyl Benzene

Concen: 0.324 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046076.D

Acq: 07 May 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

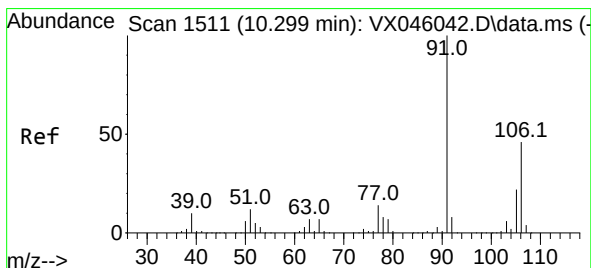
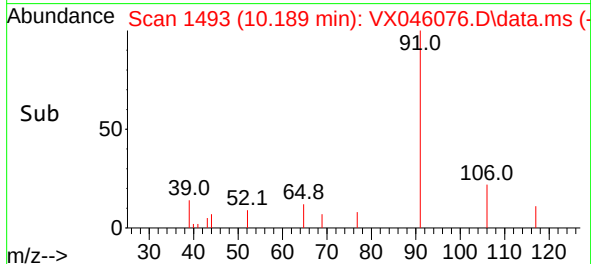
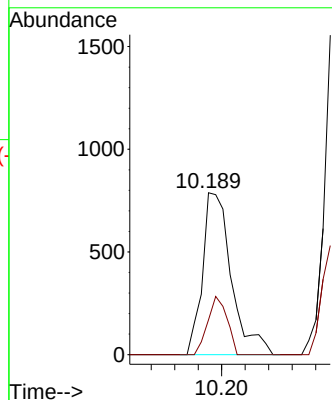
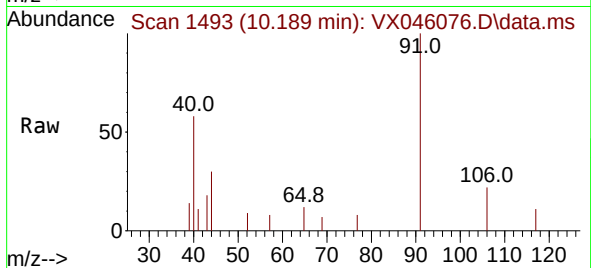
3832

Tgt Ion: 91 Resp: 1342

Ion Ratio Lower Upper

91 100

106 21.6 23.4 35.2#



#68

m/p-Xylenes

Concen: 1.131 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046076.D

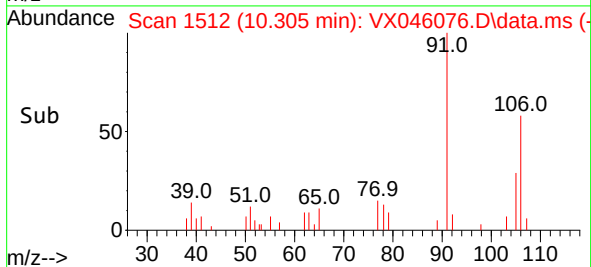
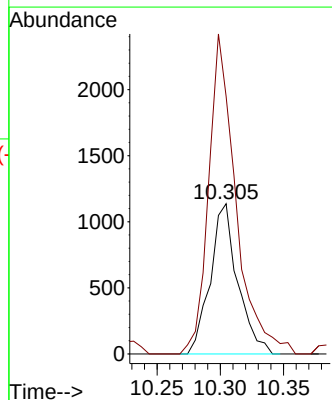
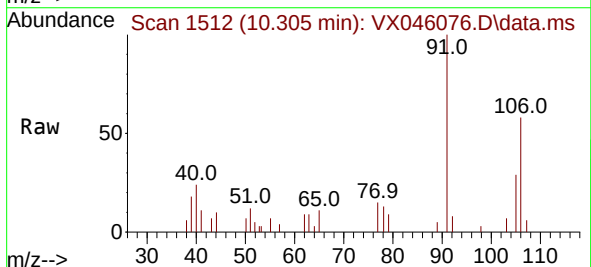
Acq: 07 May 2025 16:36

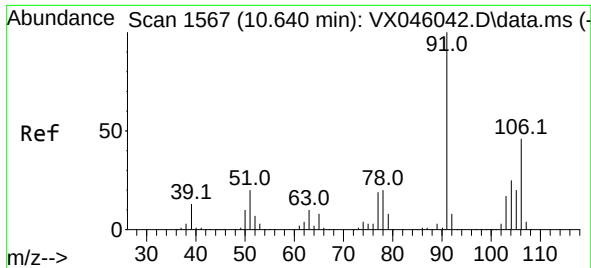
Tgt Ion: 106 Resp: 1712

Ion Ratio Lower Upper

106 100

91 211.7 171.2 256.8

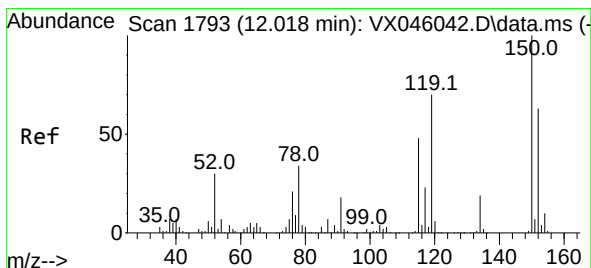
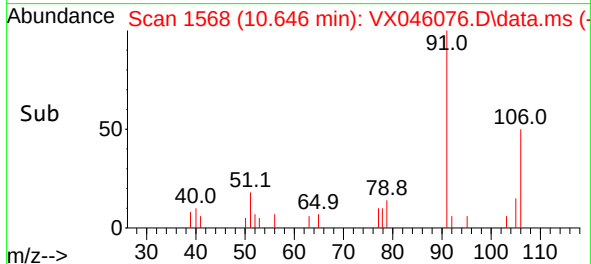
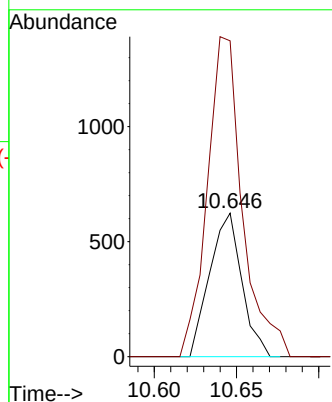
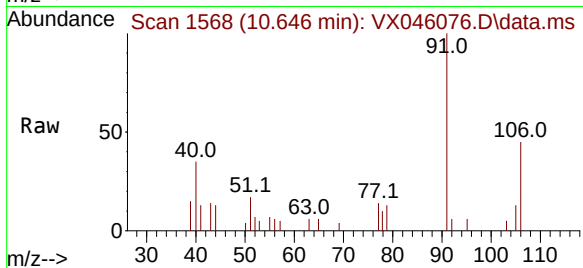




#69
o-Xylene
Concen: 0.573 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

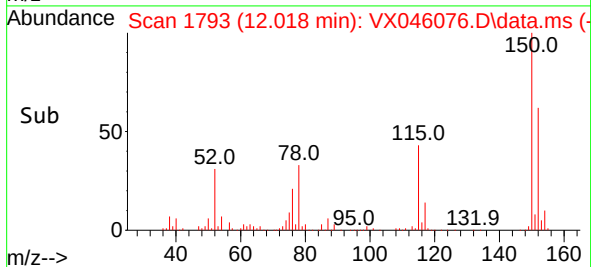
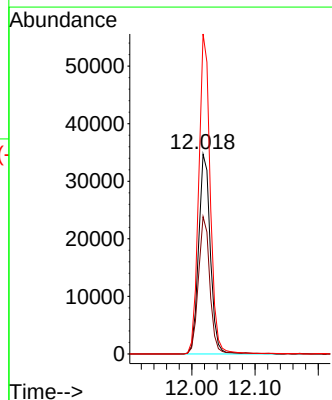
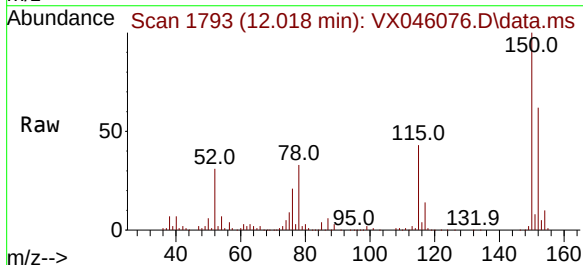
Instrument :
MSVOA_X
ClientSampleId :
3832

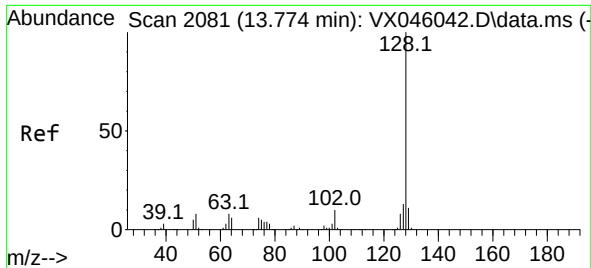
Tgt Ion:106 Resp: 846
Ion Ratio Lower Upper
106 100
91 244.2 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

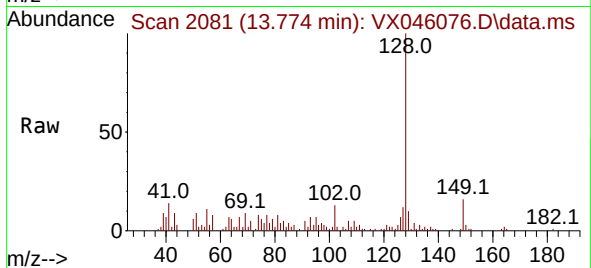
Tgt Ion:152 Resp: 44913
Ion Ratio Lower Upper
152 100
115 66.9 46.9 140.7
150 156.3 0.0 351.0





#95
Naphthalene
Concen: 4.293 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046076.D
Acq: 07 May 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :
3832



Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.4	15.6#
129	15.6	8.6	13.0#

