

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040070.D
 Acq On : 01 Feb 2024 14:47
 Operator : JC/MD
 Sample : P1312-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWV-2005

Quant Time: Feb 02 01:41:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

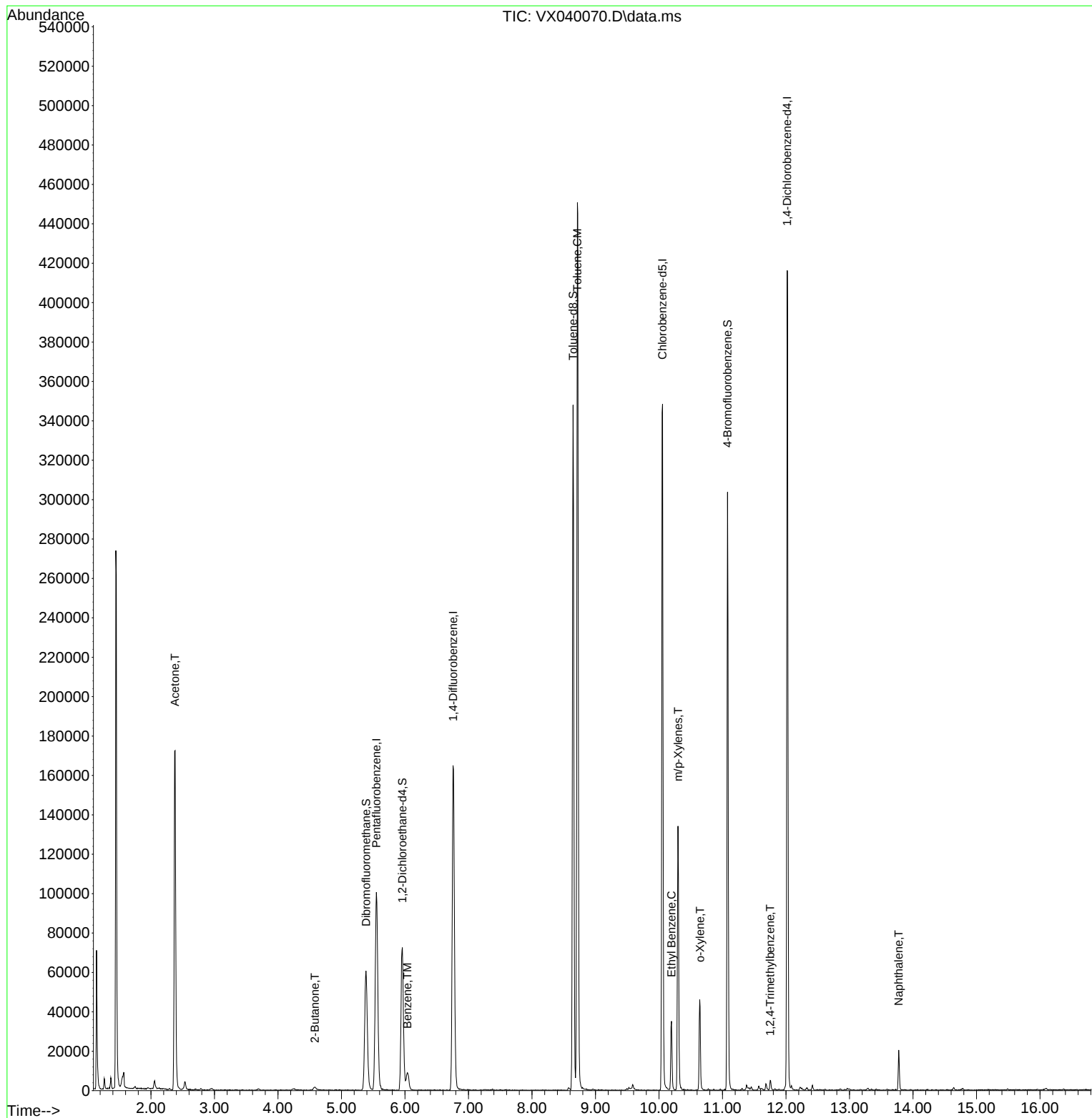
Internal Standards						
1) Pentafluorobenzene	5.550	168	90157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68777	47.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.385	113	52426	46.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.647	98	198103	46.513	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.020%
62) 4-Bromofluorobenzene	11.079	95	80650	49.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	184054	270.729	ug/l	93
25) 2-Butanone	4.581	43	2397	2.536	ug/l #	77
40) Benzene	6.038	78	10391	2.166	ug/l	100
52) Toluene	8.714	92	168018	56.192	ug/l	95
67) Ethyl Benzene	10.195	91	20935	3.584	ug/l	98
68) m/p-Xylenes	10.299	106	31093	14.151	ug/l	100
69) o-Xylene	10.647	106	10202	4.895	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	2895	0.577	ug/l	87
95) Naphthalene	13.774	128	12293	2.206	ug/l	99

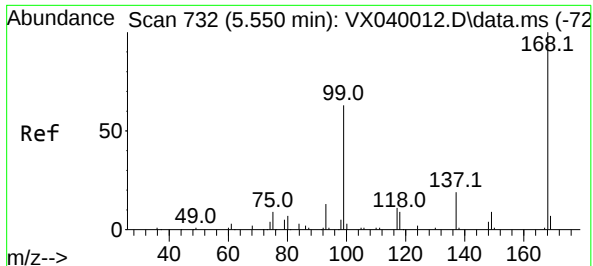
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 01:41:30 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

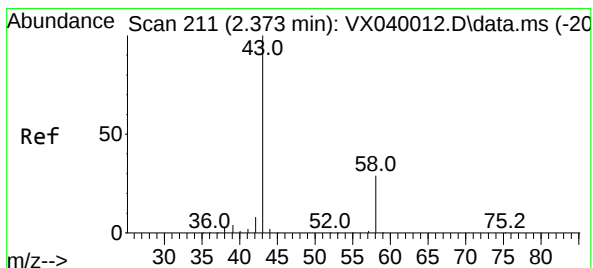
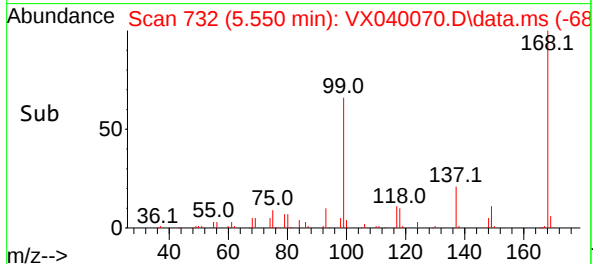
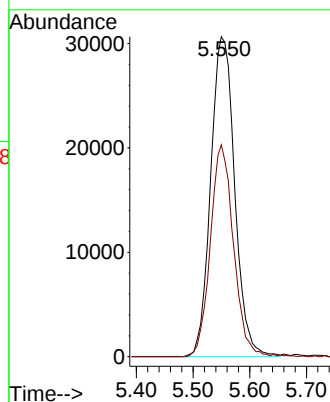
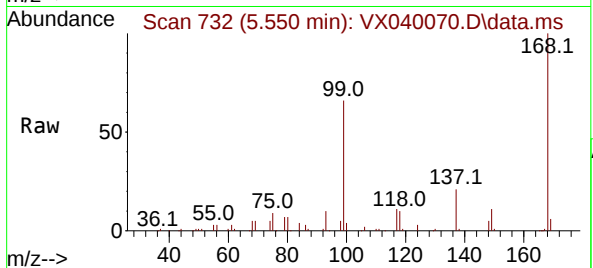




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

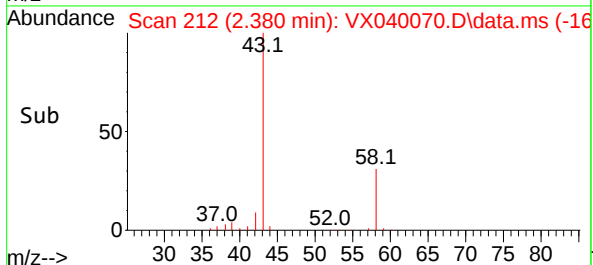
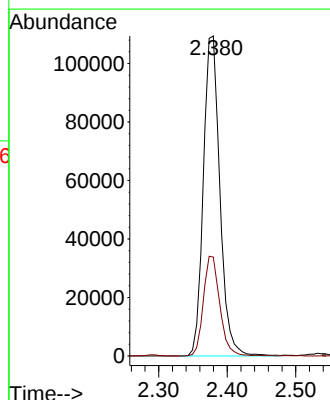
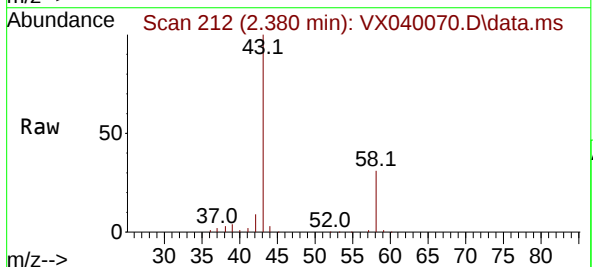
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

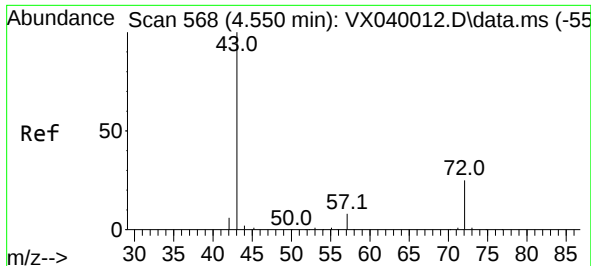
Tgt Ion:168 Resp: 90157
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#16
Acetone
Concen: 270.729 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 43 Resp: 184054
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

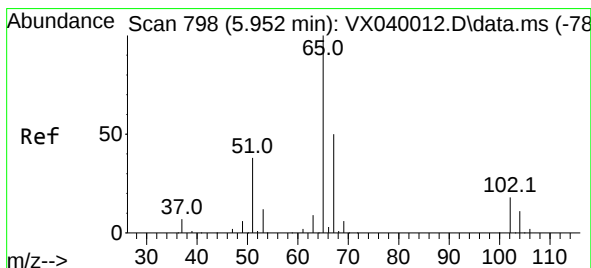
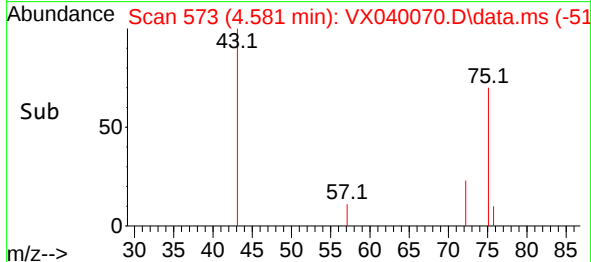
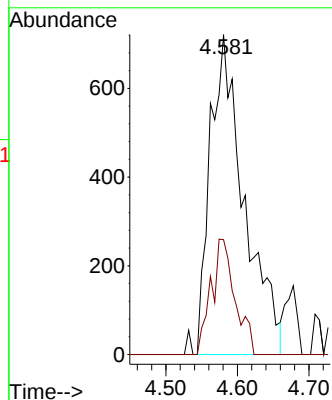
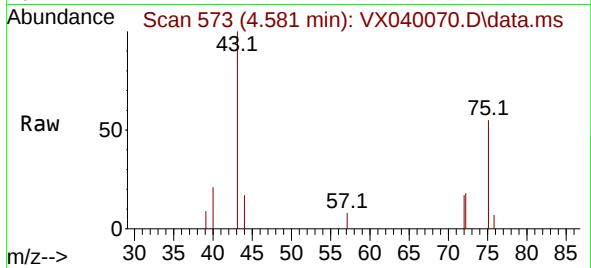




#25
2-Butanone
Concen: 2.536 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

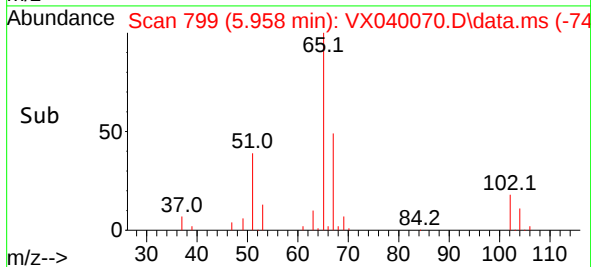
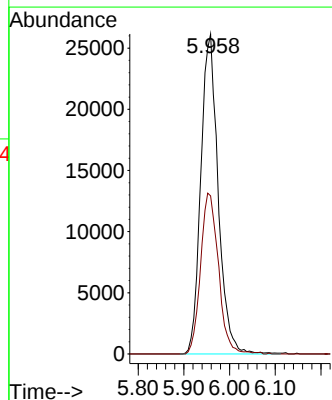
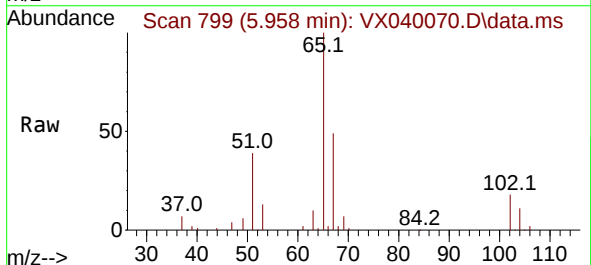
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

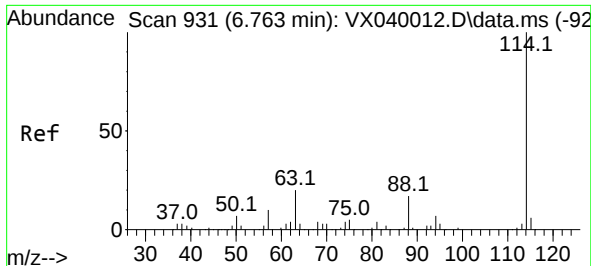
Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
72 35.9 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 47.401 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 65 Resp: 68777
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

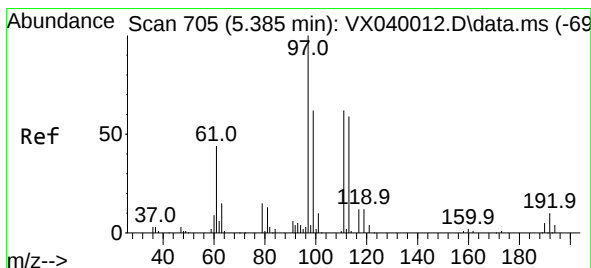
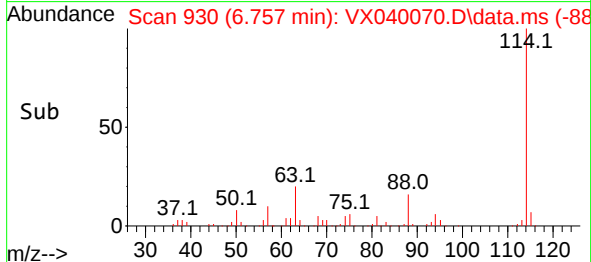
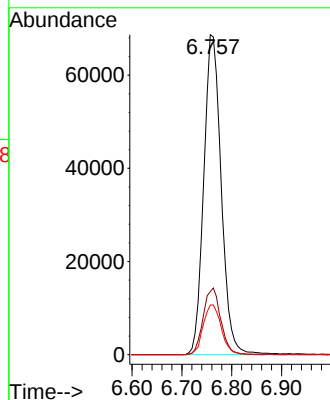
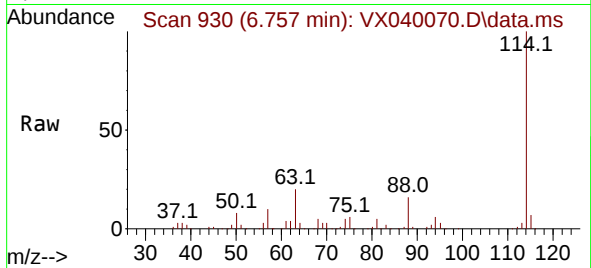




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

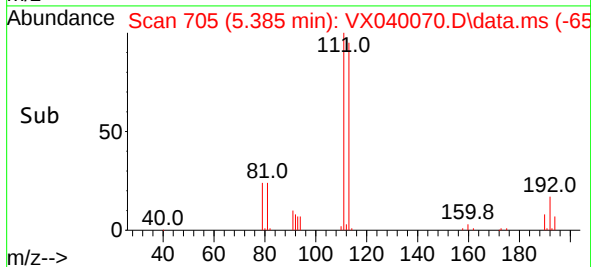
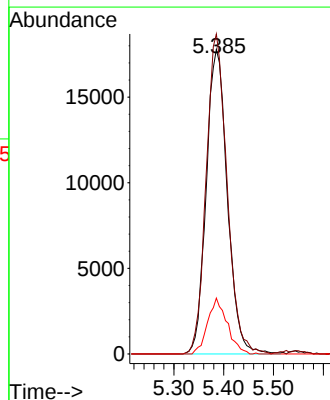
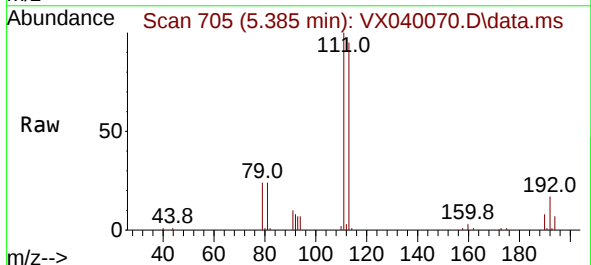
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

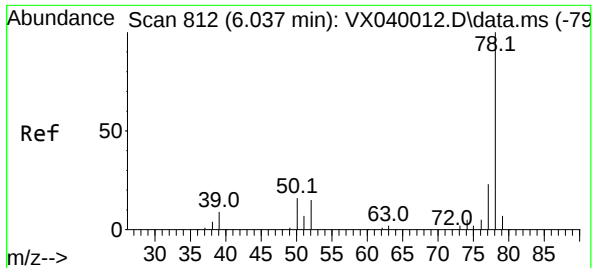
Tgt Ion:114 Resp: 167300
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.033 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion:113 Resp: 52426
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.9 13.3 19.9

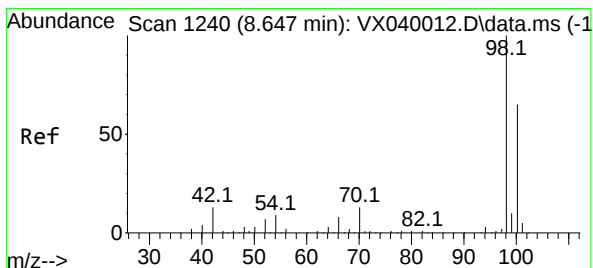
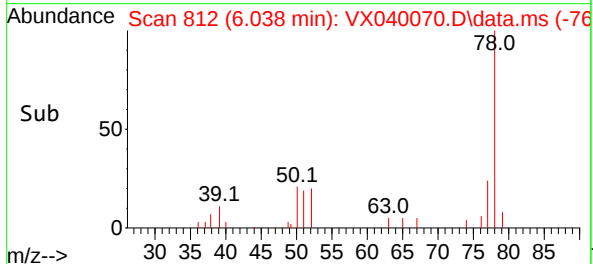
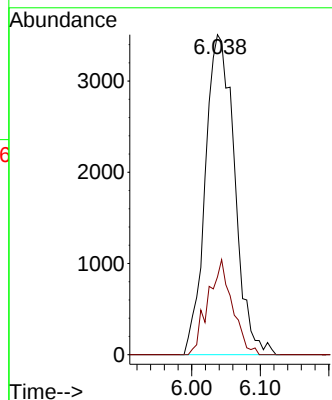
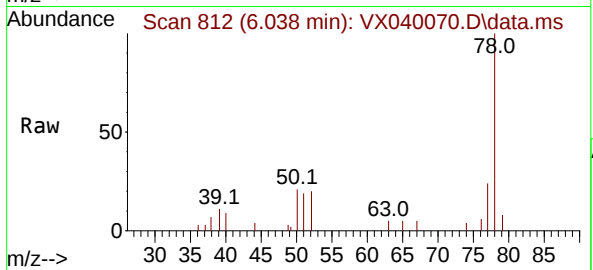




#40
Benzene
Concen: 2.166 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

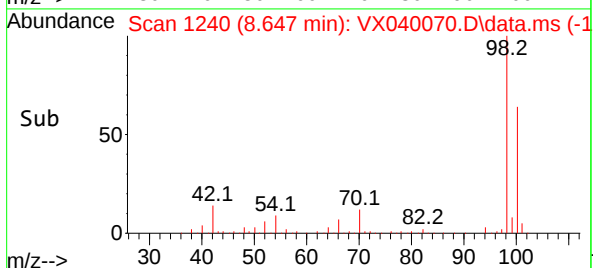
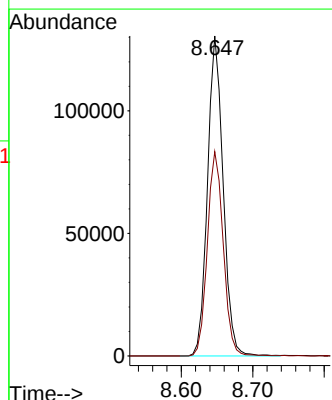
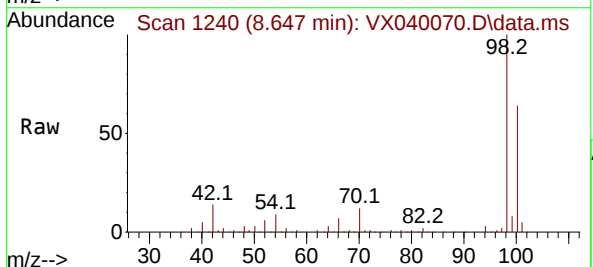
Instrument :
MSVOA_X
ClientSampleId :
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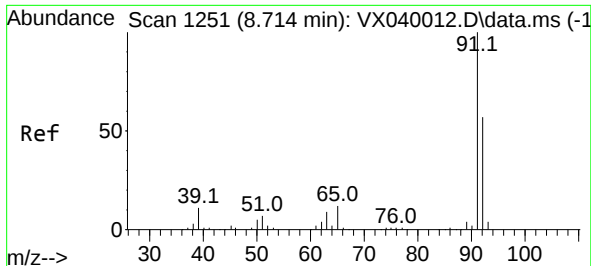
Tgt Ion: 78 Resp: 10391
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9



#50
Toluene-d8
Concen: 46.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 98 Resp: 198103
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

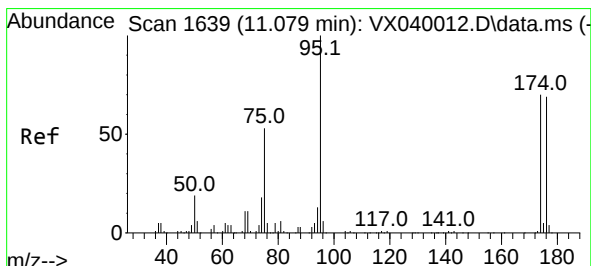
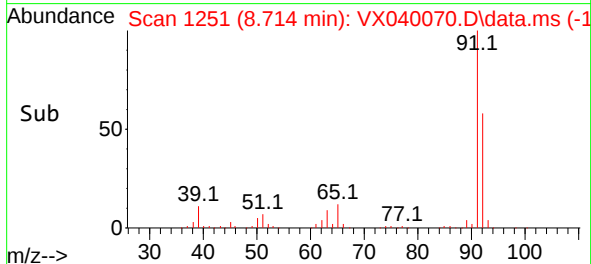
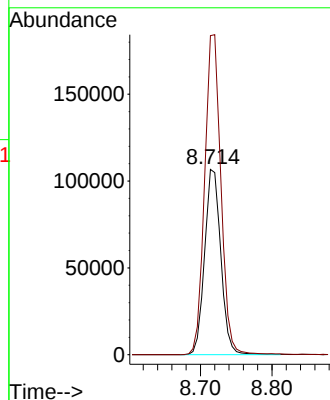
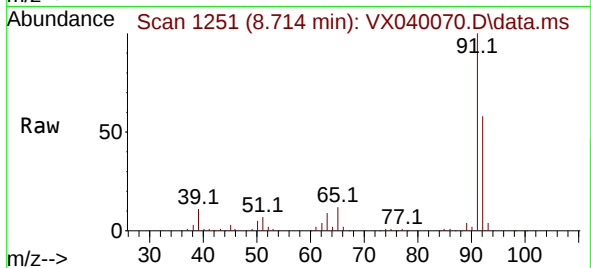




#52
Toluene
Concen: 56.192 ug/l
RT: 8.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

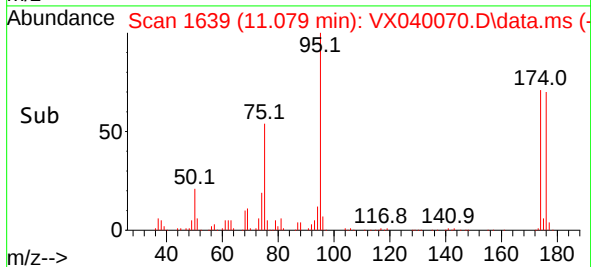
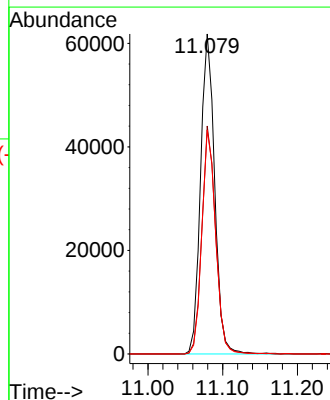
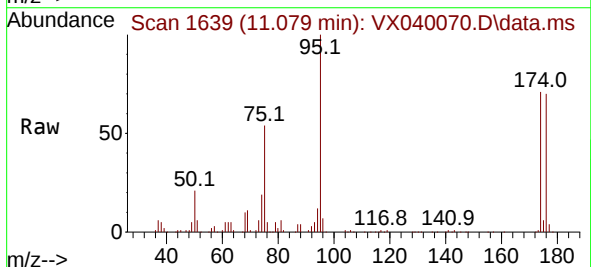
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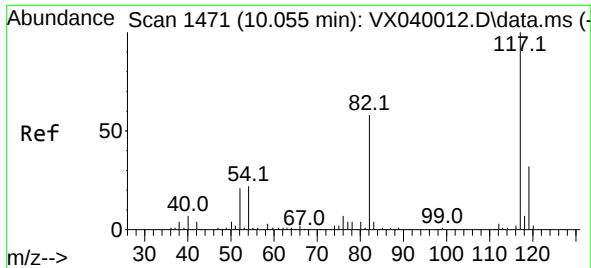
Tgt Ion: 92 Resp: 168018
Ion Ratio Lower Upper
92 100
91 174.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 95 Resp: 80650
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.6
176 68.8 0.0 131.0

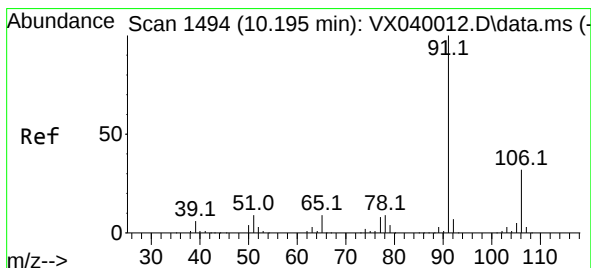
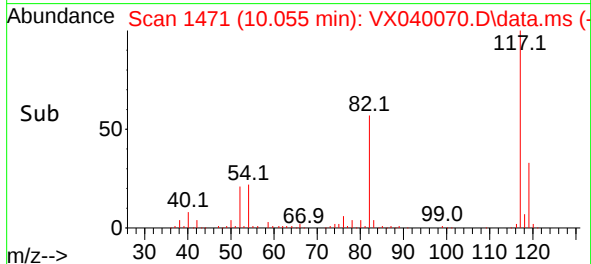
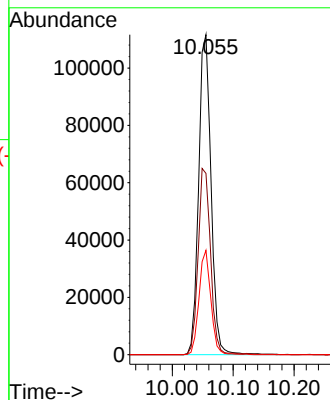
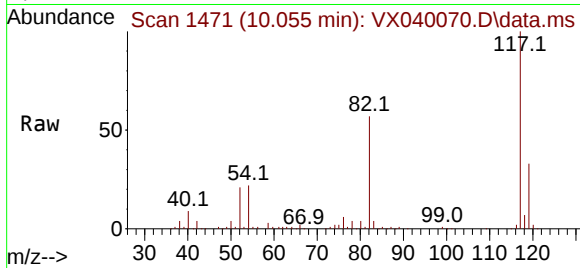




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

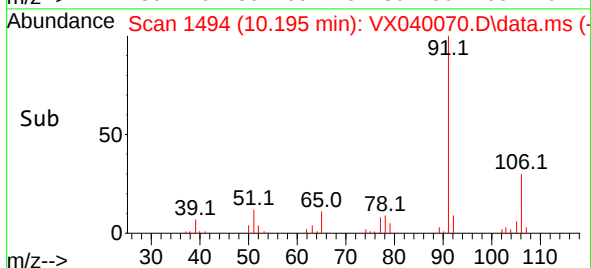
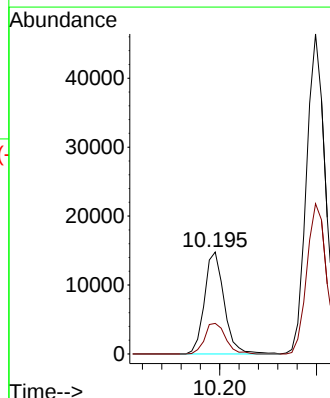
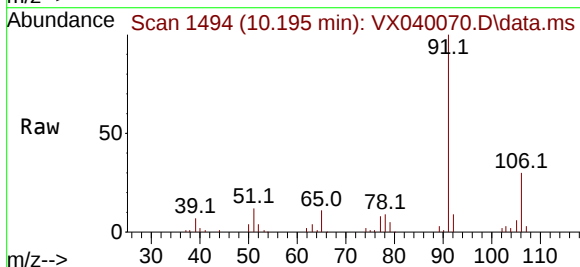
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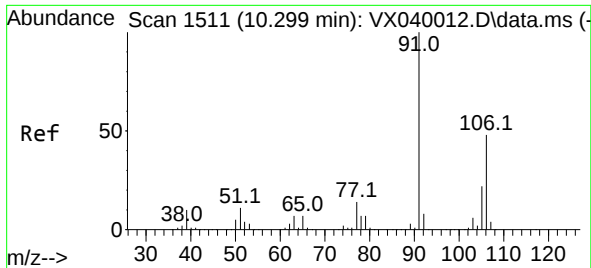
Tgt Ion:117 Resp: 157485
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 3.584 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion: 91 Resp: 20935
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

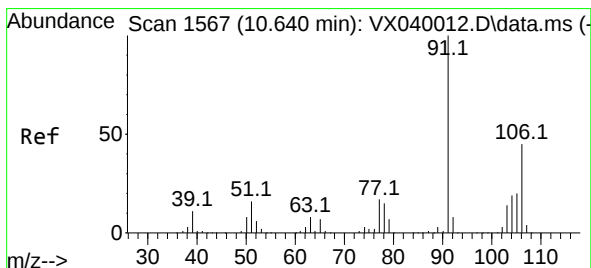
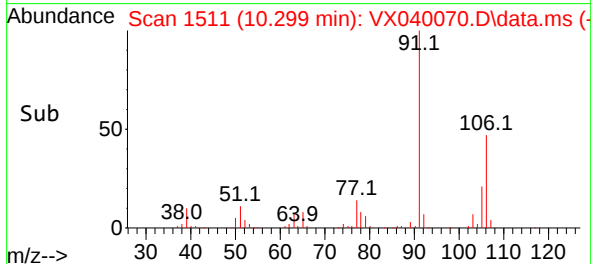
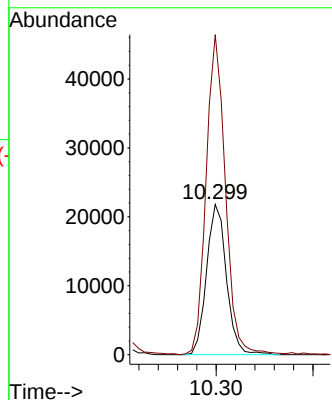
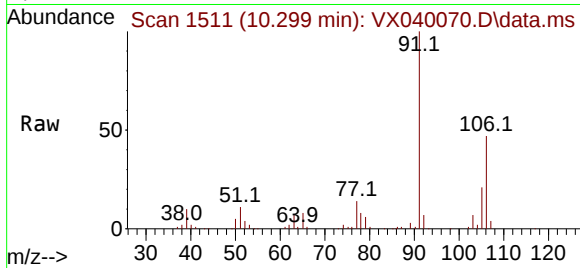




#68
m/p-Xylenes
Concen: 14.151 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

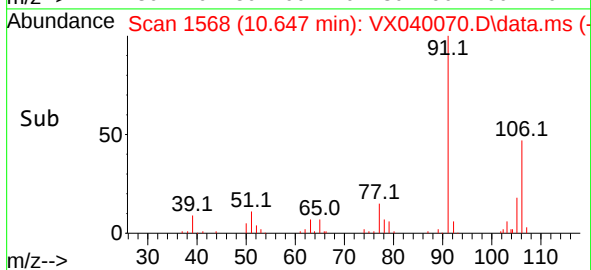
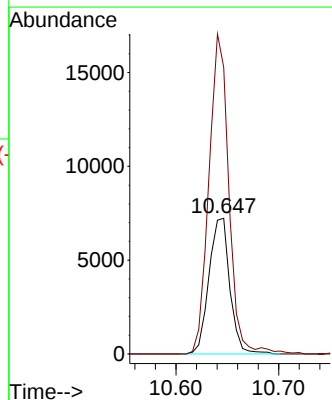
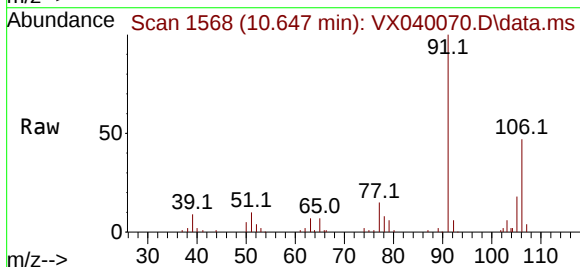
Instrument :
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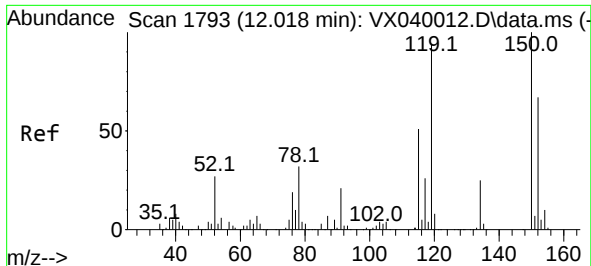
Tgt Ion:106 Resp: 31093
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3



#69
o-Xylene
Concen: 4.895 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

Tgt Ion:106 Resp: 10202
Ion Ratio Lower Upper
106 100
91 225.3 108.9 326.8

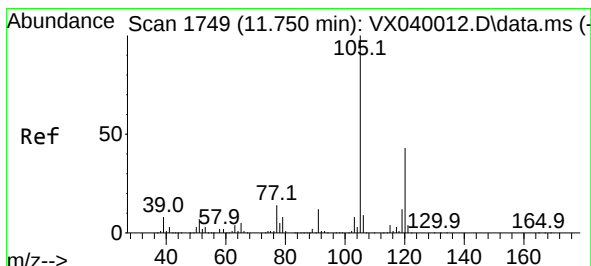
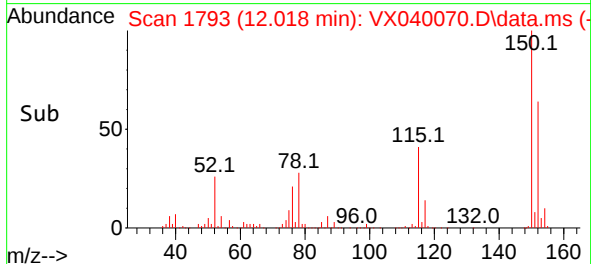
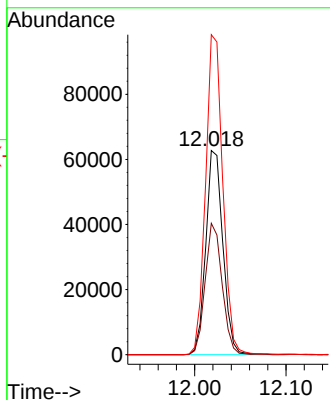
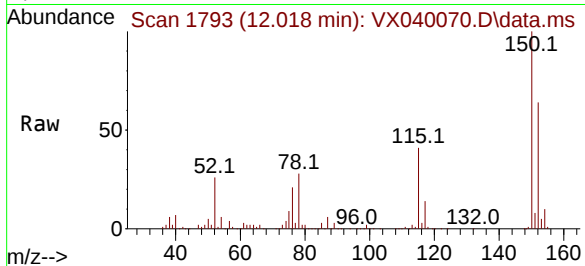




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

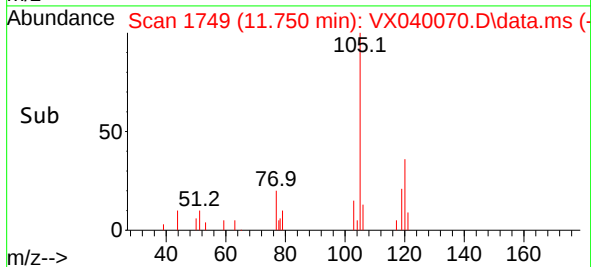
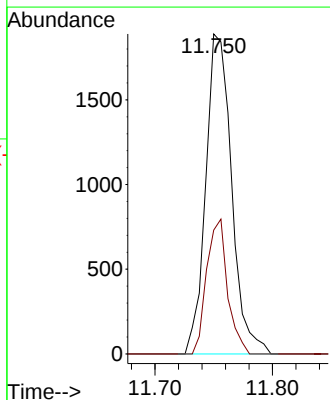
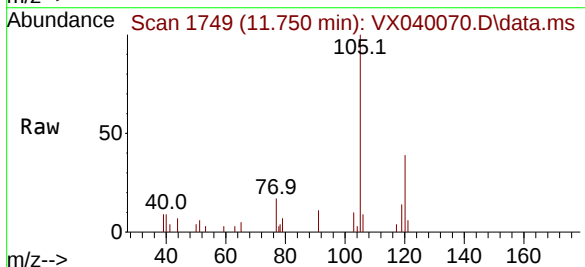
Instrument :
MSVOA_X
ClientSampleId :
NWV-2005

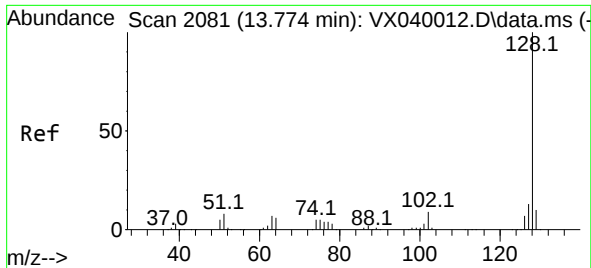
Tgt Ion:152 Resp: 81474
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 157.4 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 0.577 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040070.D
Acq: 01 Feb 2024 14:47

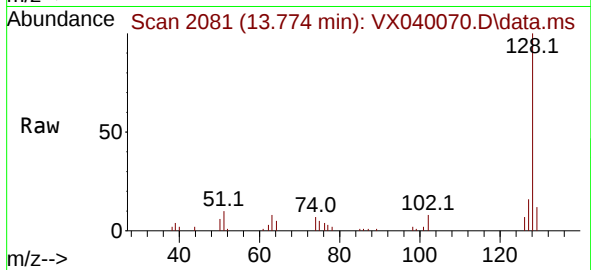
Tgt Ion:105 Resp: 2895
Ion Ratio Lower Upper
105 100
120 33.9 21.2 63.6





#95
 Naphthalene
 Concen: 2.206 ug/l
 RT: 13.774 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX040070.D
 Acq: 01 Feb 2024 14:47

Instrument :
 MSVOA_X
 ClientSampleId :
 NWV-2005



Tgt Ion:	128	Resp:	12293
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.7	8.8	13.2

