

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036250.D
 Acq On : 20 Jun 2023 18:02
 Operator : JC/MD
 Sample : 03274-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Jun 21 02:53:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

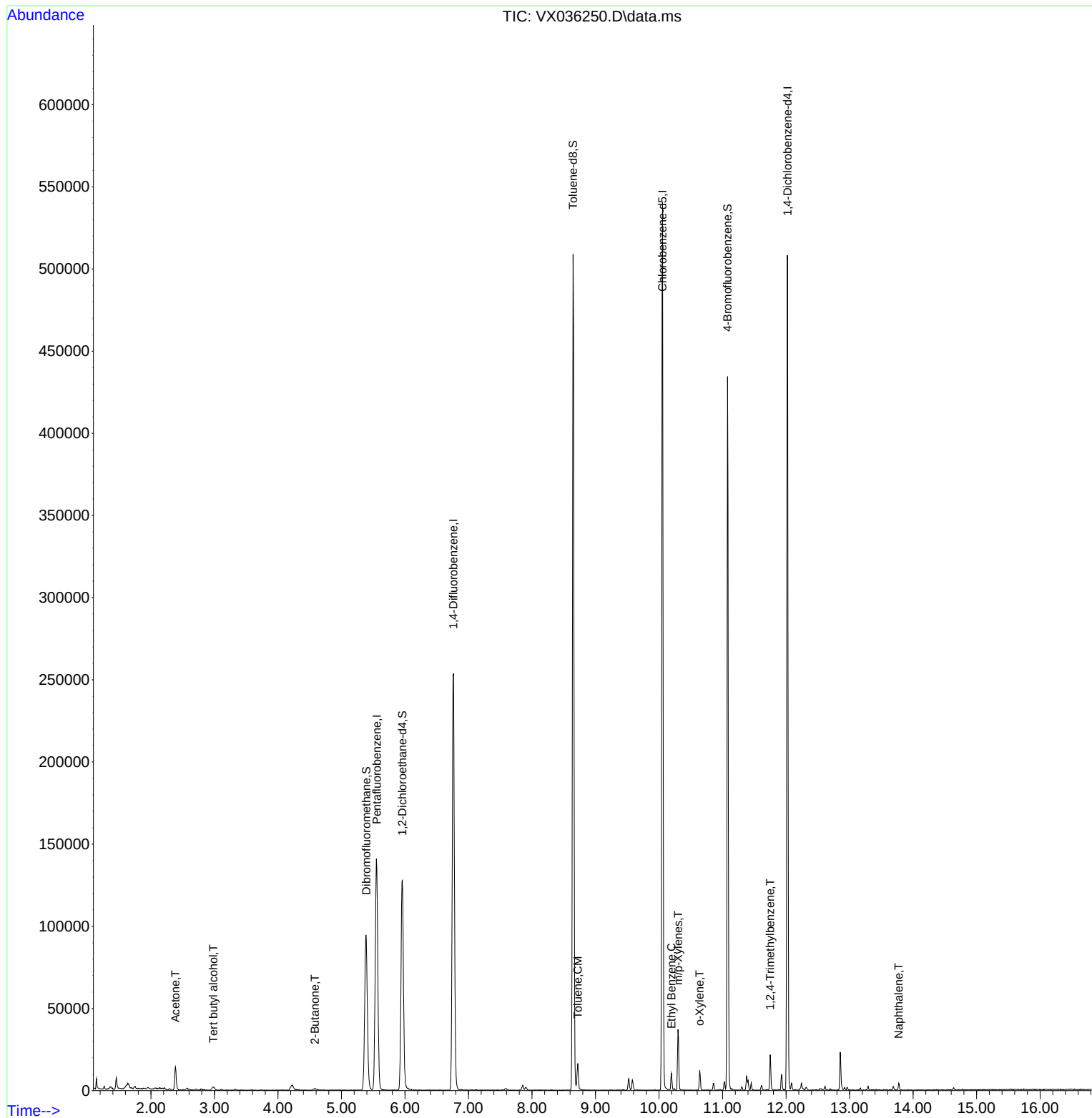
Internal Standards						
1) Pentafluorobenzene	5.556	168	121423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126630	57.068	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.140%
35) Dibromofluoromethane	5.391	113	82623	49.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	8.647	98	288835	47.212	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.420%
62) 4-Bromofluorobenzene	11.079	95	112219	45.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	3186	9.392	ug/l #	92
16) Acetone	2.386	43	15786	17.123	ug/l	96
25) 2-Butanone	4.580	43	1415	1.096	ug/l #	82
52) Toluene	8.720	92	5696	1.313	ug/l	96
67) Ethyl Benzene	10.195	91	5516	0.662	ug/l	95
68) m/p-Xylenes	10.299	106	7943	2.527	ug/l	92
69) o-Xylene	10.640	106	2632	0.849	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	8698	1.390	ug/l	99
95) Naphthalene	13.774	128	2947	0.467	ug/l	97

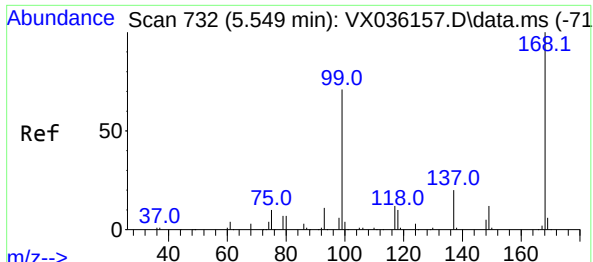
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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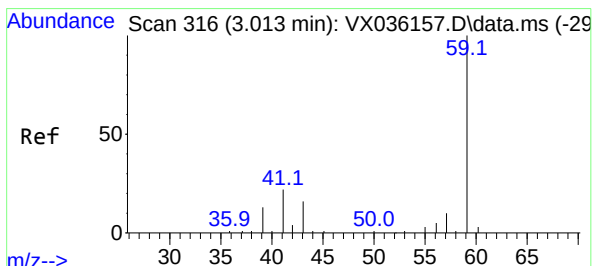
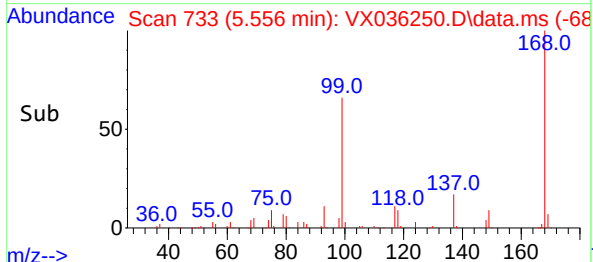
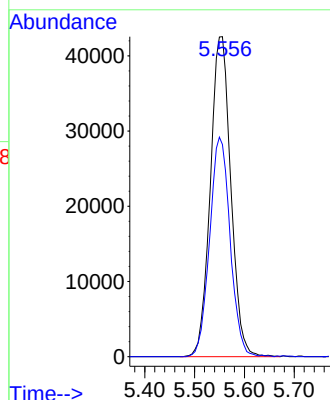
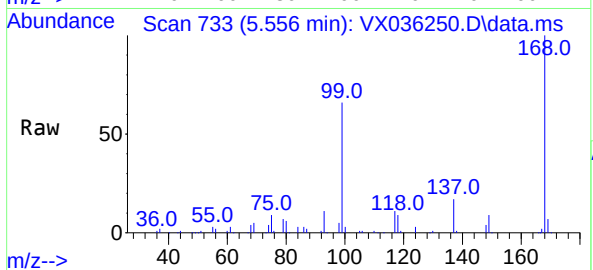




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

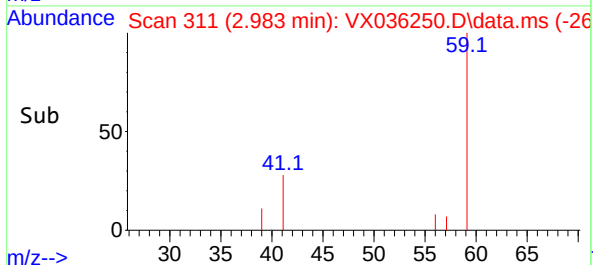
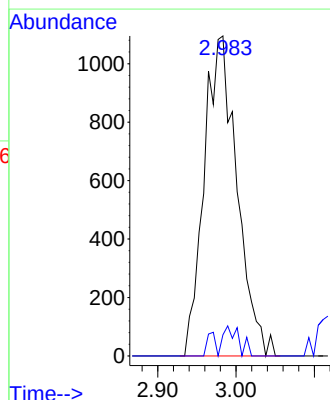
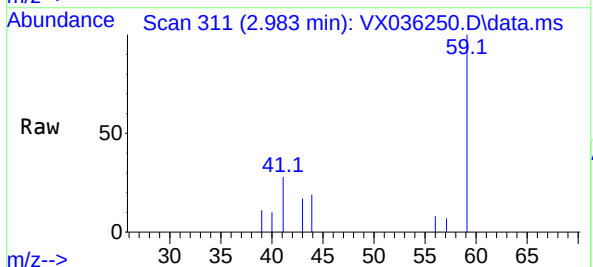
Instrument :
MSVOA_X
ClientSampleId :
TW-1

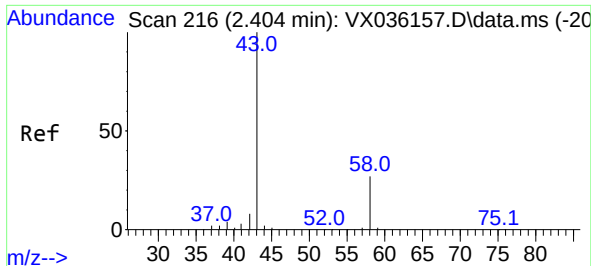
Tgt Ion:168 Resp: 121423
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 9.392 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.030 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Tgt Ion: 59 Resp: 3186
Ion Ratio Lower Upper
59 100
57 4.6 6.0 9.0#

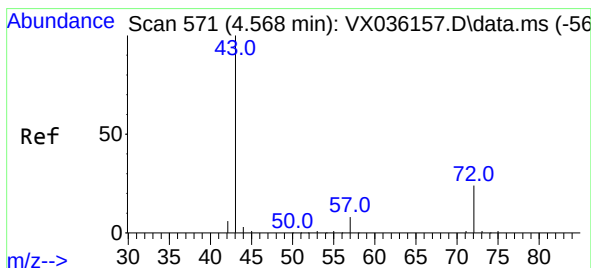
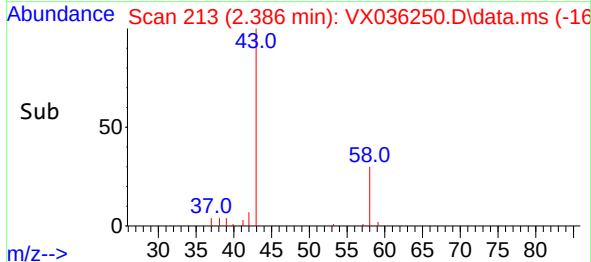
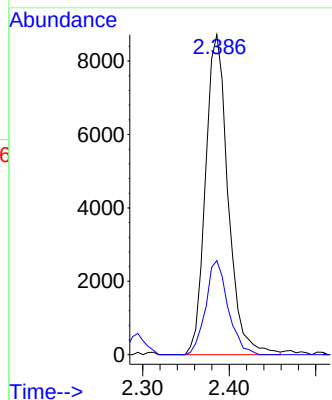
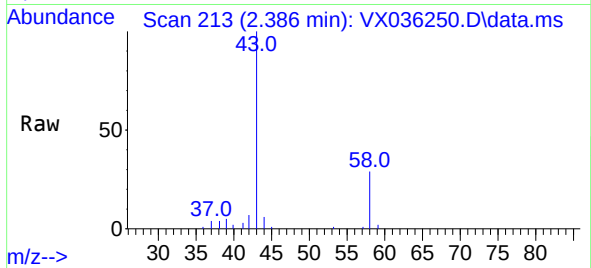




#16
Acetone
Concen: 17.123 ug/l
RT: 2.386 min Scan# 216
Delta R.T. -0.018 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

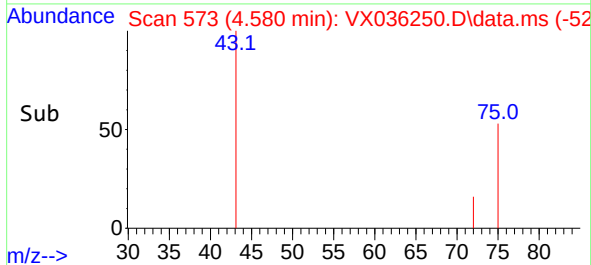
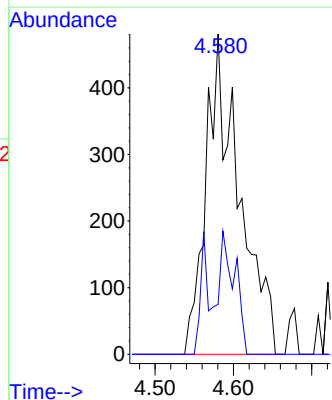
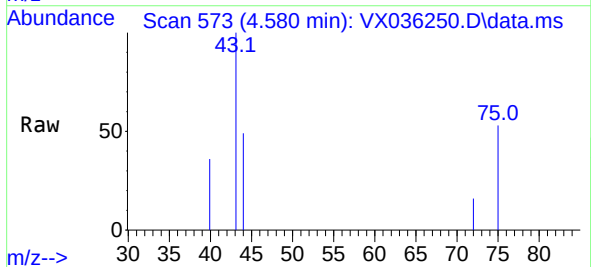
Instrument :
MSVOA_X
ClientSampleId :
TW-1

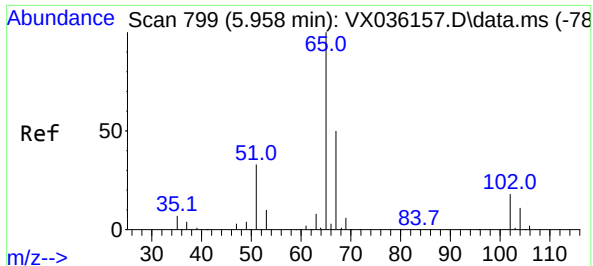
Tgt Ion: 43 Resp: 15786
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#25
2-Butanone
Concen: 1.096 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
72 15.6 19.4 29.2#

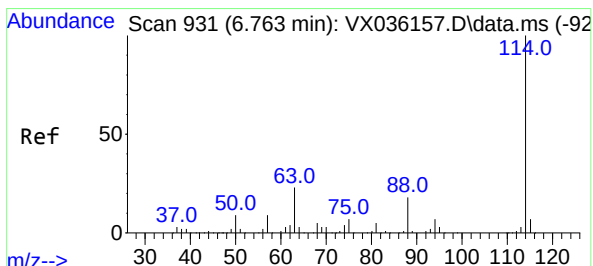
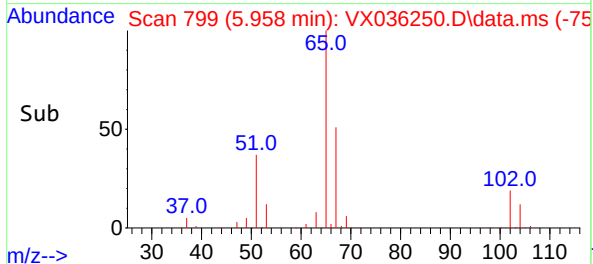
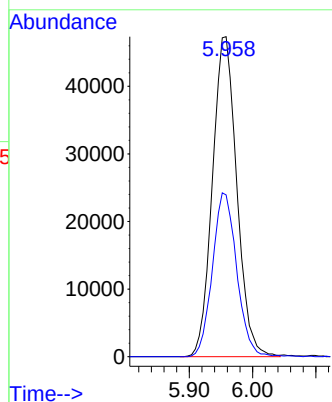
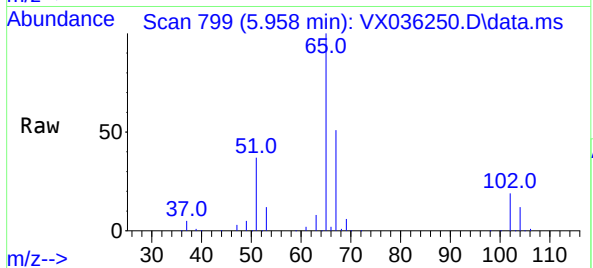




#33
 1,2-Dichloroethane-d4
 Concen: 57.068 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036250.D
 Acq: 20 Jun 2023 18:02

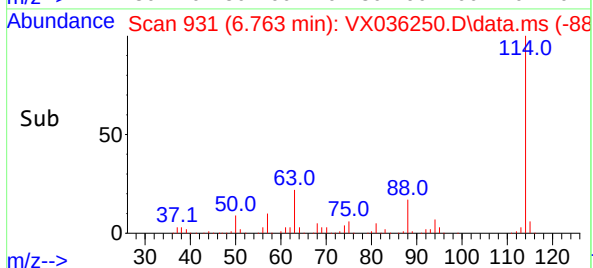
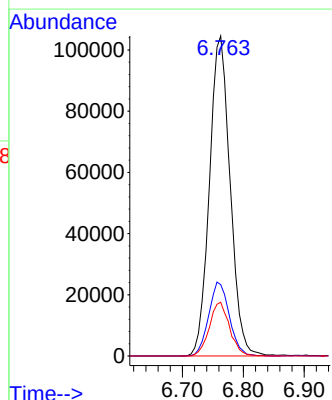
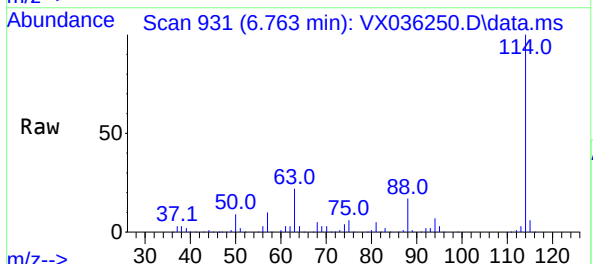
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

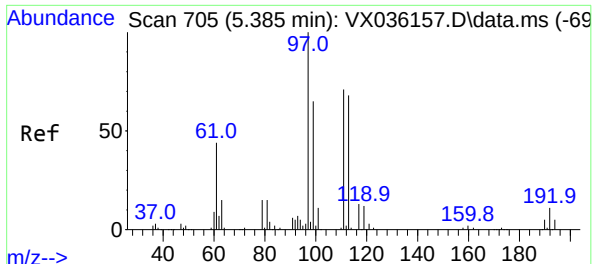
Tgt Ion: 65 Resp: 126630
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036250.D
 Acq: 20 Jun 2023 18:02

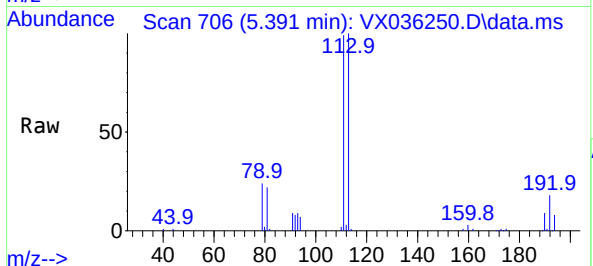
Tgt Ion: 114 Resp: 246638
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 16.8 0.0 36.6



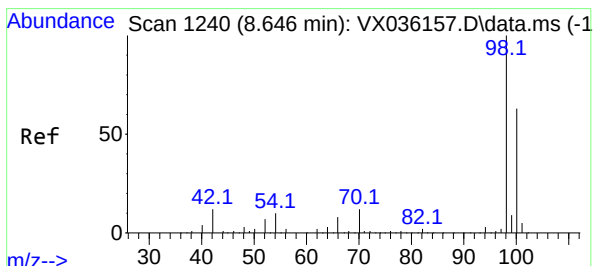
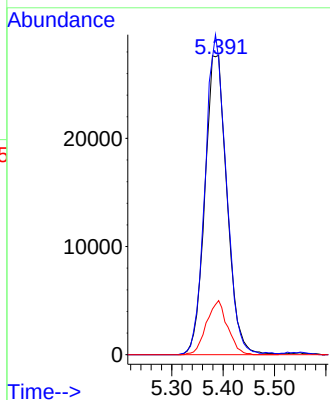
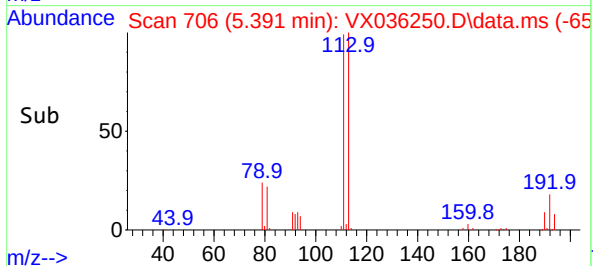


#35
Dibromofluoromethane
Concen: 49.401 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Instrument :
MSVOA_X
ClientSampleId :
TW-1

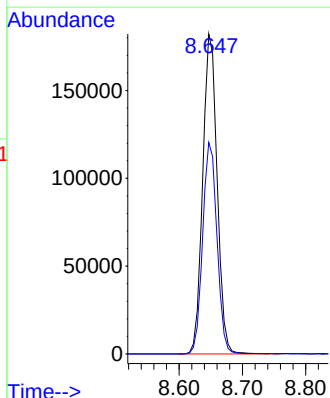
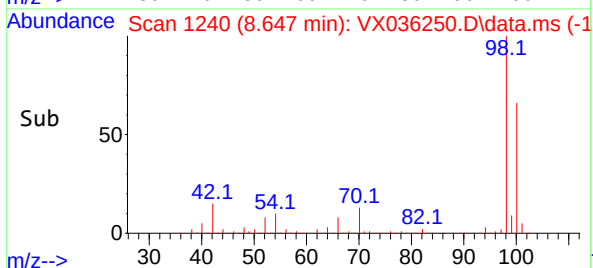
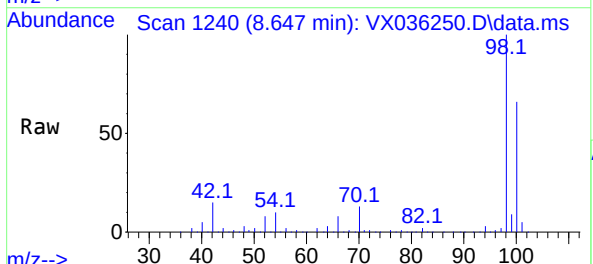


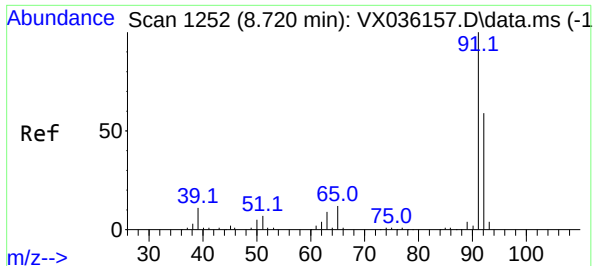
Tgt Ion:113 Resp: 82623
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.2 13.3 19.9



#50
Toluene-d8
Concen: 47.212 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Tgt Ion: 98 Resp: 288835
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#52

Toluene

Concen: 1.313 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036250.D

Acq: 20 Jun 2023 18:02

Instrument :

MSVOA_X

ClientSampleId :

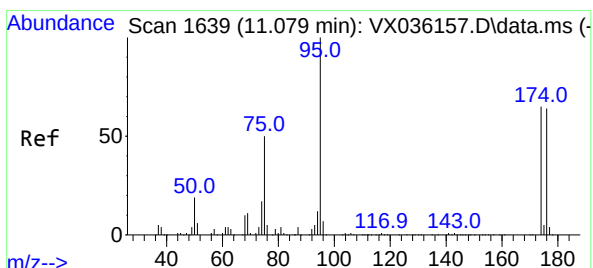
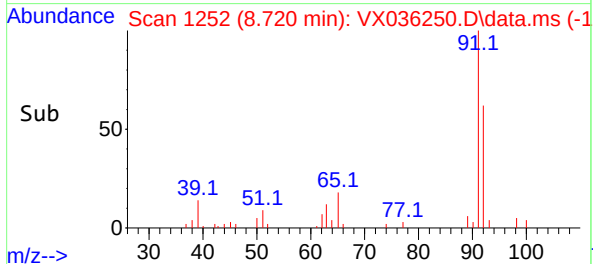
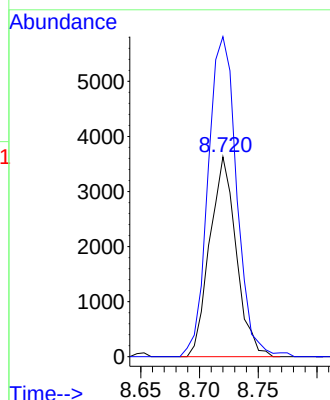
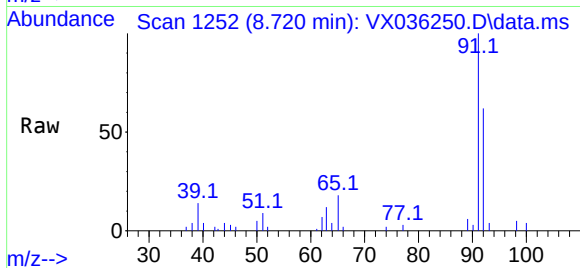
TW-1

Tgt Ion: 92 Resp: 5696

Ion Ratio Lower Upper

92 100

91 173.1 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 45.441 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036250.D

Acq: 20 Jun 2023 18:02

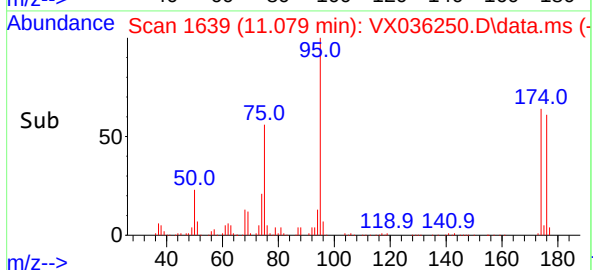
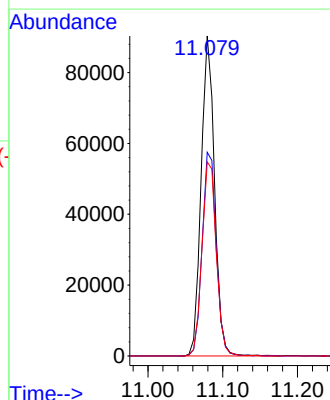
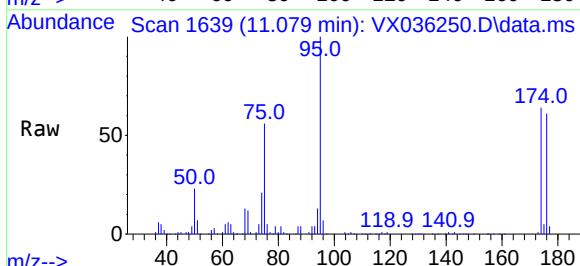
Tgt Ion: 95 Resp: 112219

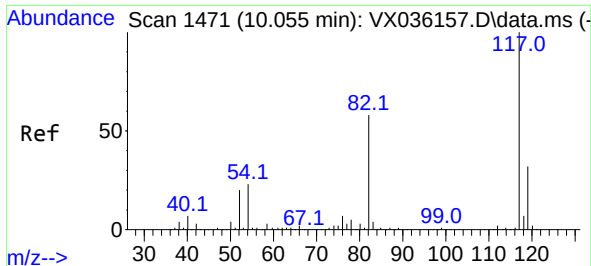
Ion Ratio Lower Upper

95 100

174 67.0 0.0 135.6

176 64.8 0.0 131.0

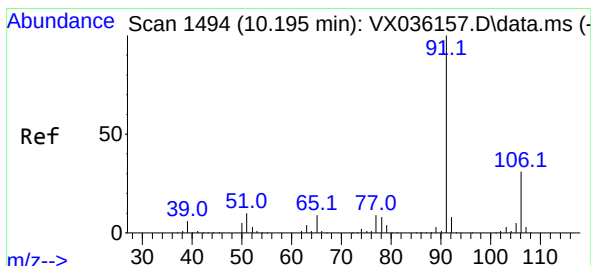
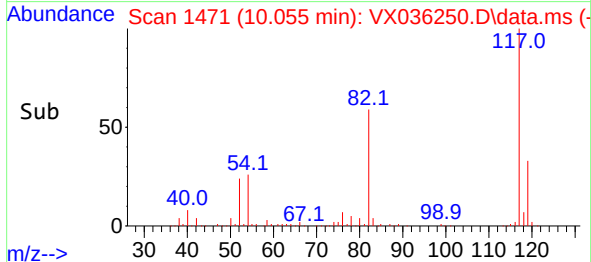
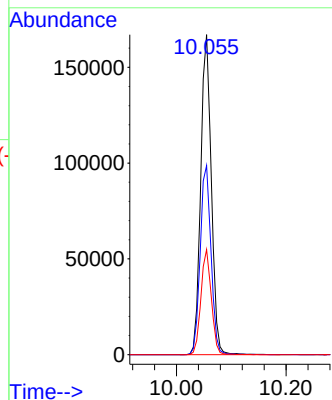
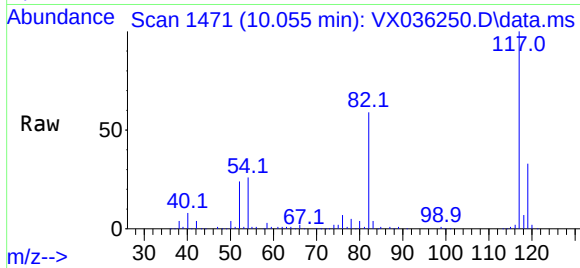




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

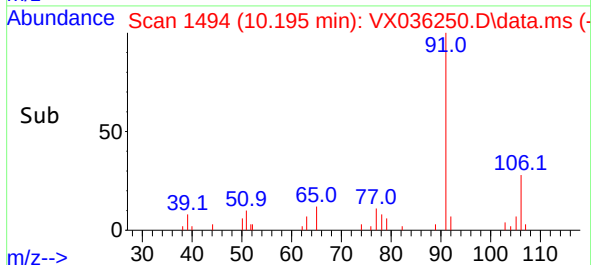
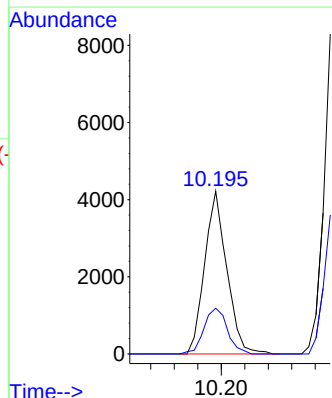
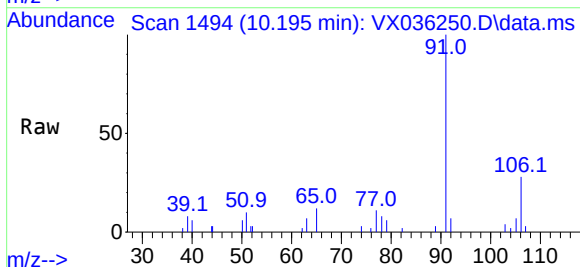
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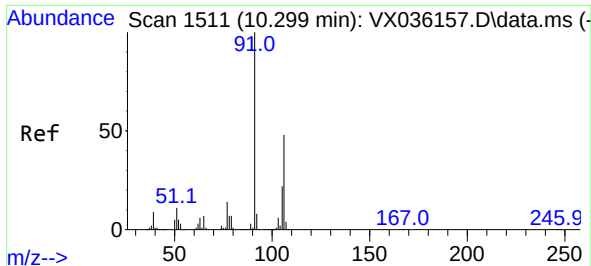
Tgt Ion:117 Resp: 225095
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 0.662 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Tgt Ion: 91 Resp: 5516
Ion Ratio Lower Upper
91 100
106 28.1 24.9 37.3

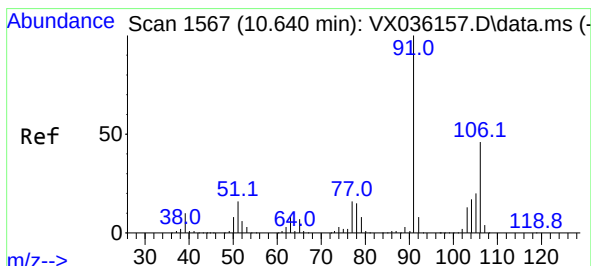
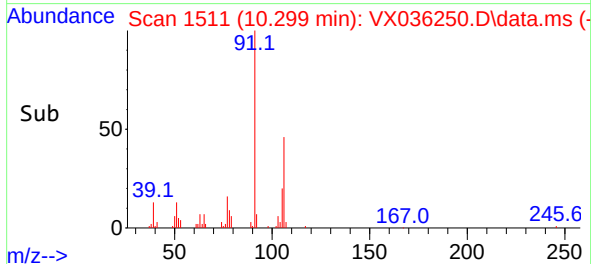
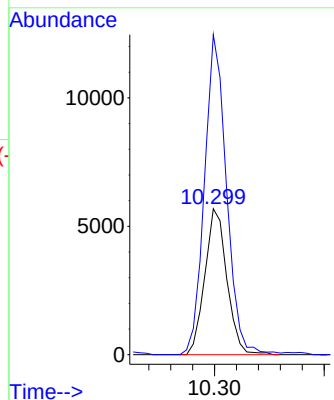
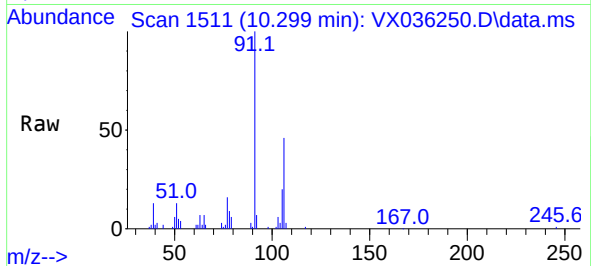




#68
m/p-Xylenes
Concen: 2.527 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

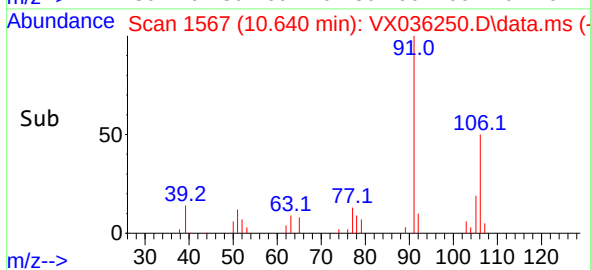
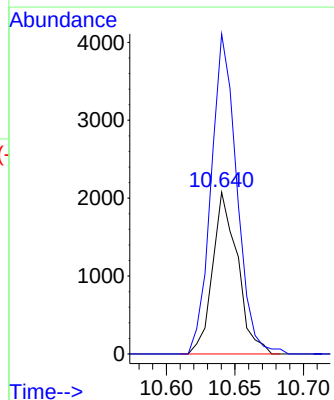
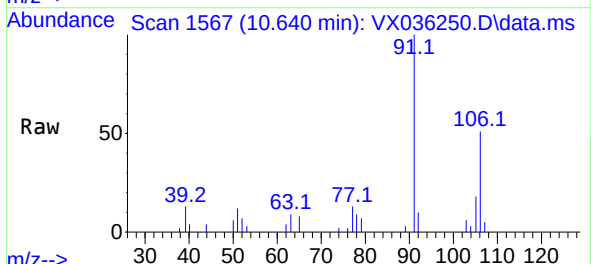
Instrument :
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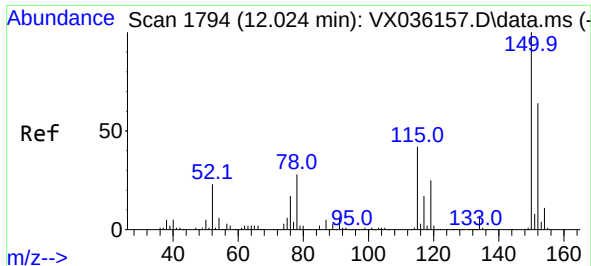
Tgt Ion:106 Resp: 7943
Ion Ratio Lower Upper
106 100
91 218.8 165.5 248.3



#69
o-Xylene
Concen: 0.849 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Tgt Ion:106 Resp: 2632
Ion Ratio Lower Upper
106 100
91 203.8 108.9 326.8

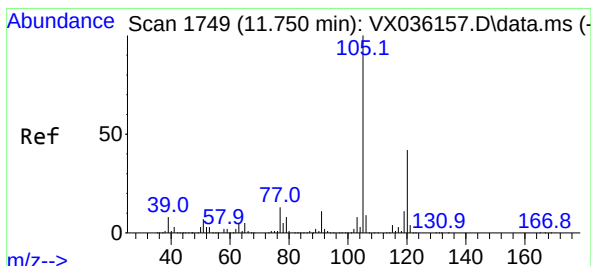
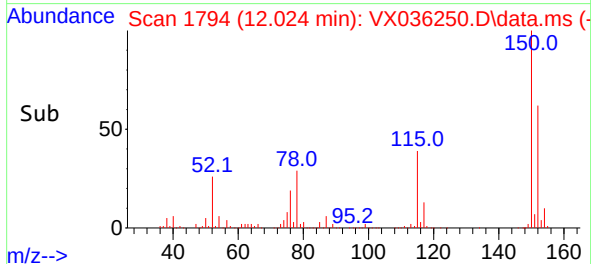
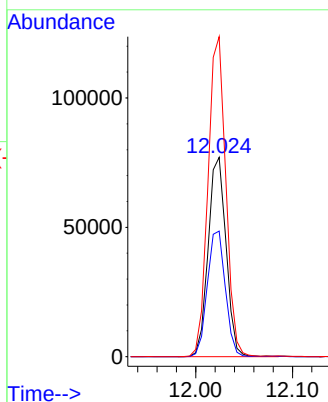
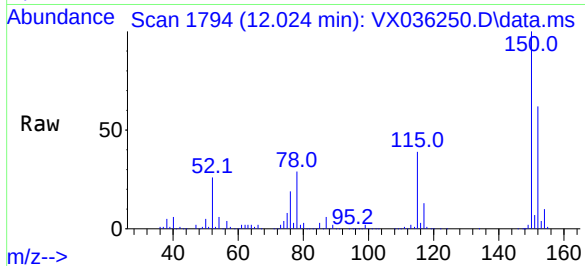




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036250.D
 Acq: 20 Jun 2023 18:02

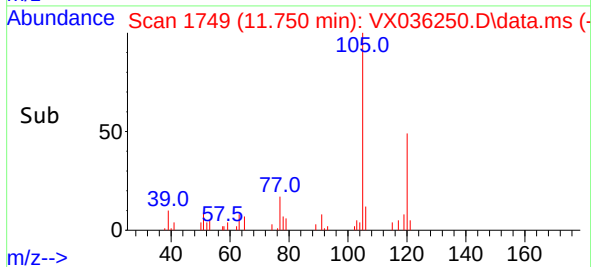
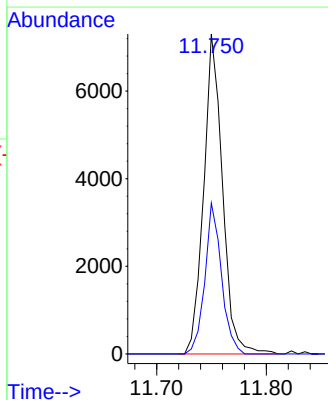
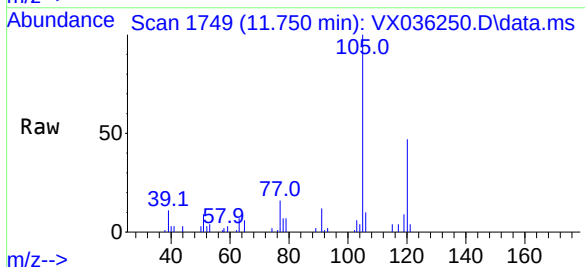
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

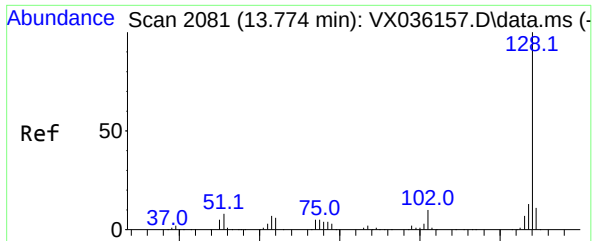
Tgt Ion:152 Resp: 99273
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 159.3 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.390 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036250.D
 Acq: 20 Jun 2023 18:02

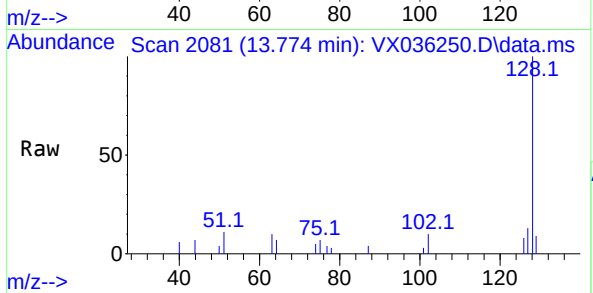
Tgt Ion:105 Resp: 8698
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.2 63.6





#95
Naphthalene
Concen: 0.467 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX036250.D
Acq: 20 Jun 2023 18:02

Instrument :
MSVOA_X
ClientSampleId :
TW-1



Tgt Ion:128 Resp: 2947

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	8.9	8.8	13.2

