

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039510.D
 Acq On : 28 Dec 2023 12:52
 Operator : JC/MD
 Sample : 06025-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50200

Quant Time: Dec 28 22:48:57 2023
 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)

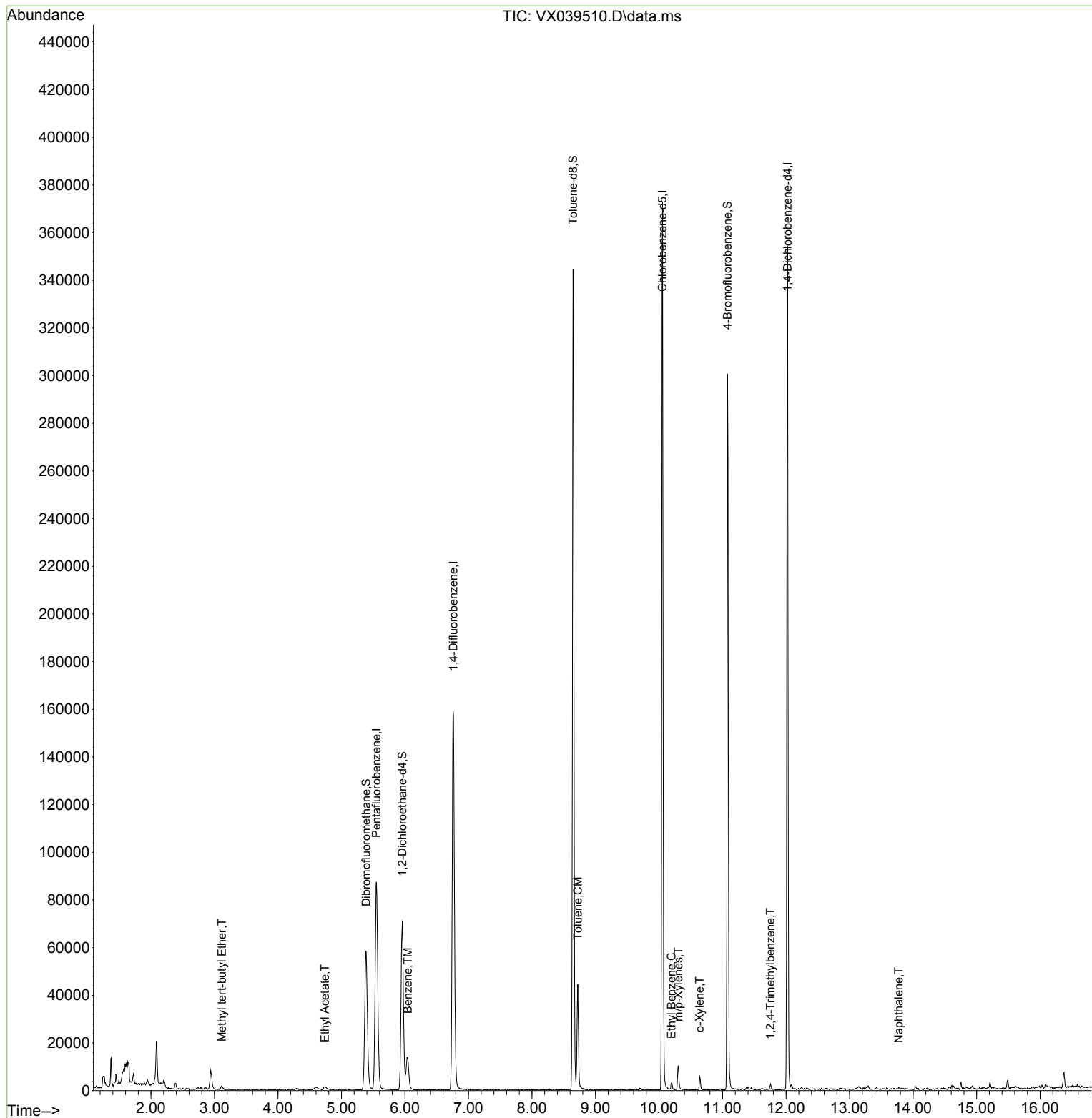
Internal Standards						
1) Pentafluorobenzene	5.550	168	75551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66570	48.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.200%
35) Dibromofluoromethane	5.385	113	51202	46.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.647	98	200998	49.468	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	81997	48.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	1429	0.407	ug/l #	90
37) Ethyl Acetate	4.739	43	2887	1.353	ug/l #	78
40) Benzene	6.044	78	16602	3.398	ug/l	95
52) Toluene	8.720	92	15872	5.383	ug/l	93
67) Ethyl Benzene	10.195	91	2284	0.354	ug/l	97
68) m/p-Xylenes	10.305	106	2541	1.098	ug/l	90
69) o-Xylene	10.640	106	1246	0.557	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1345	0.293	ug/l	86
95) Naphthalene	13.774	128	1024	0.205	ug/l #	87

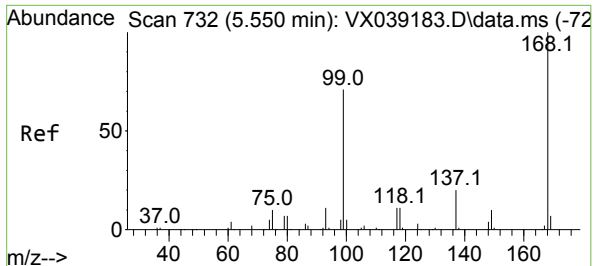
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
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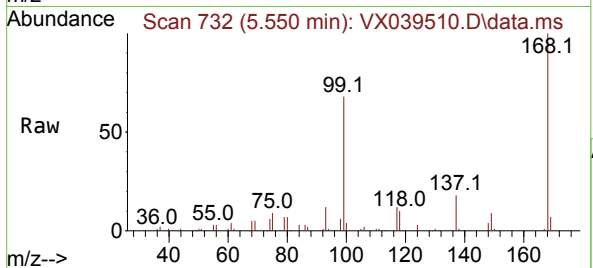
Quant Time: Dec 28 22:48:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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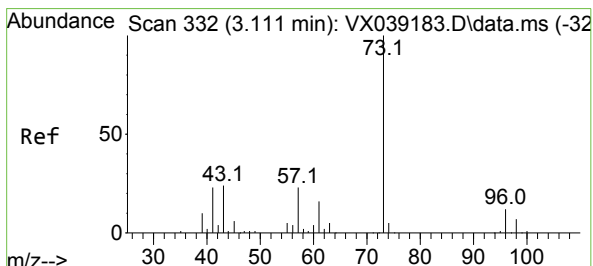
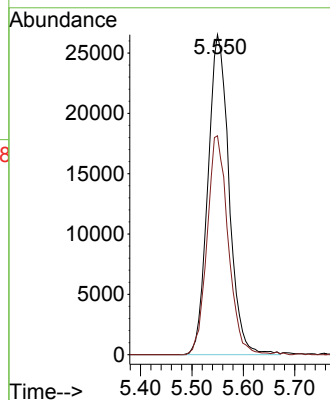
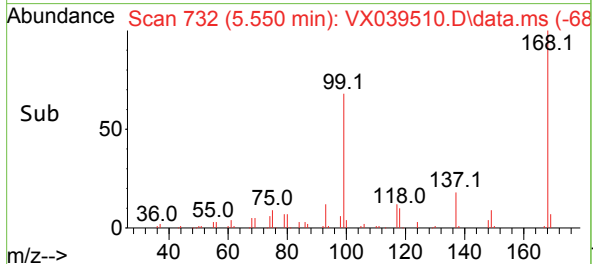


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
50200

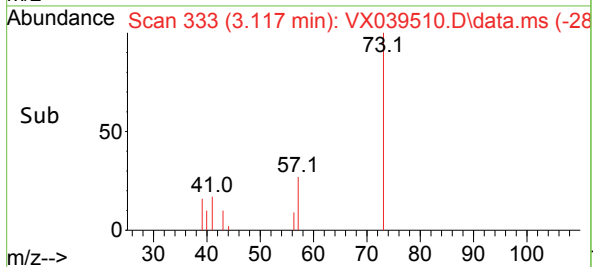
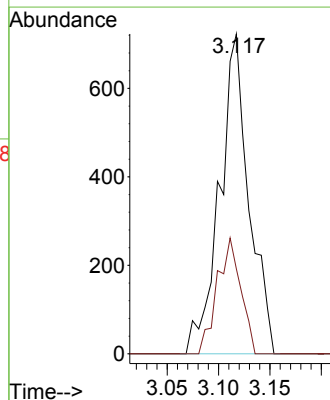
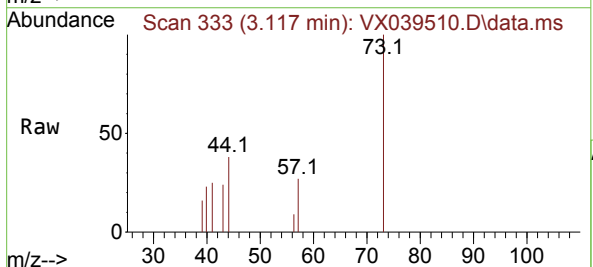


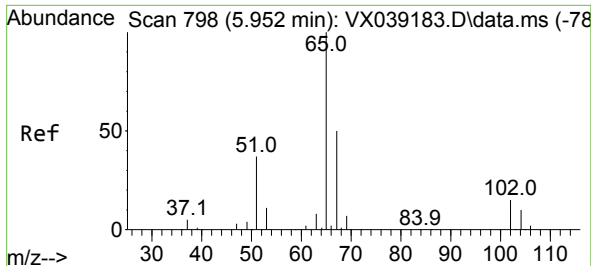
Tgt Ion:168 Resp: 75551
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Tgt Ion: 73 Resp: 1429
Ion Ratio Lower Upper
73 100
57 26.6 17.3 25.9#





#33

1,2-Dichloroethane-d4

Concen: 48.098 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039510.D

Acq: 28 Dec 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

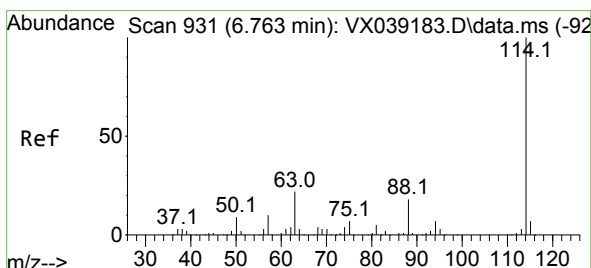
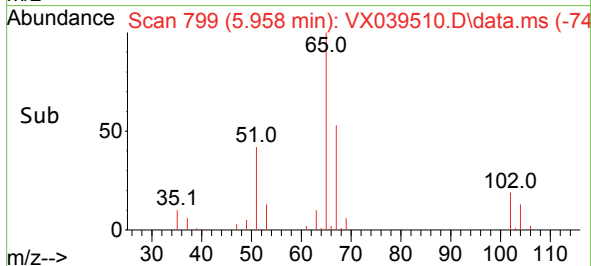
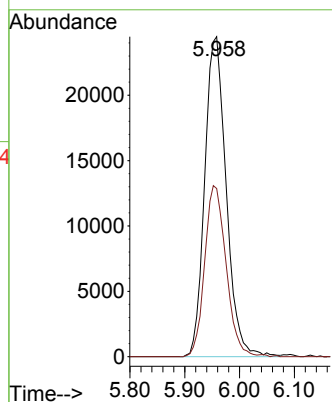
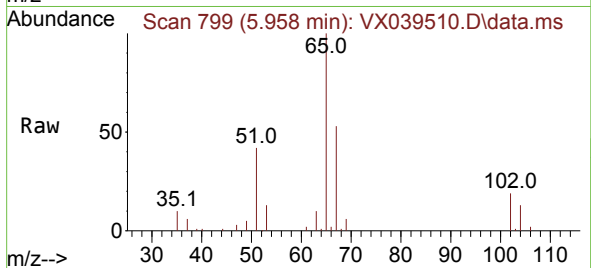
50200

Tgt Ion: 65 Resp: 66570

Ion Ratio Lower Upper

65 100

67 53.2 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: VX039510.D

Acq: 28 Dec 2023 12:52

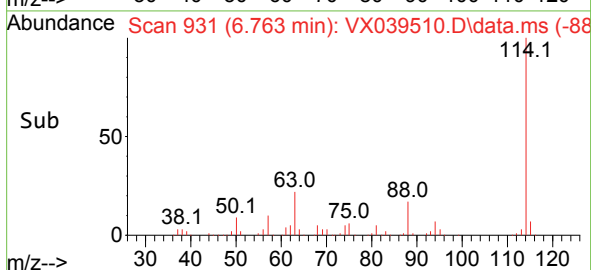
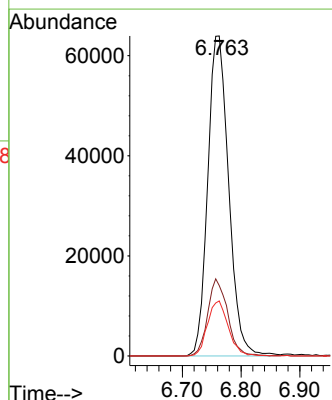
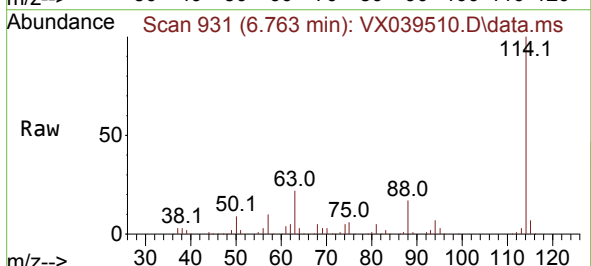
Tgt Ion: 114 Resp: 158423

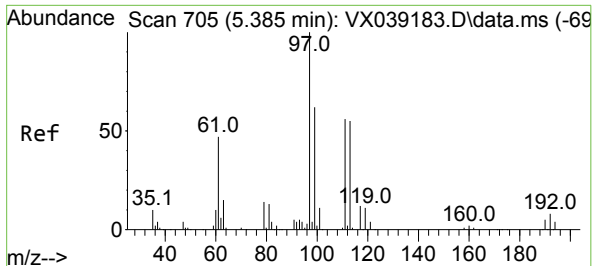
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 17.2 0.0 36.6

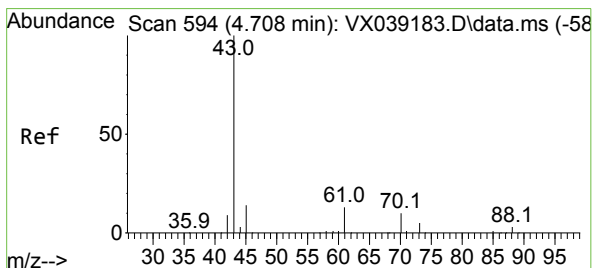
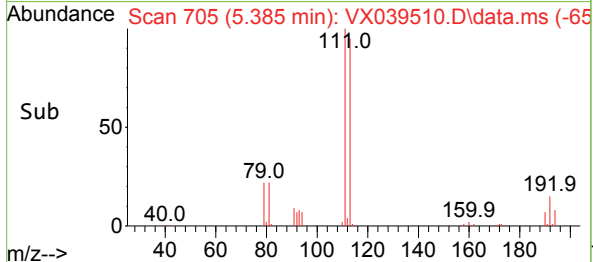
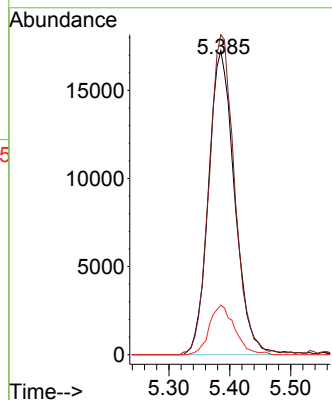
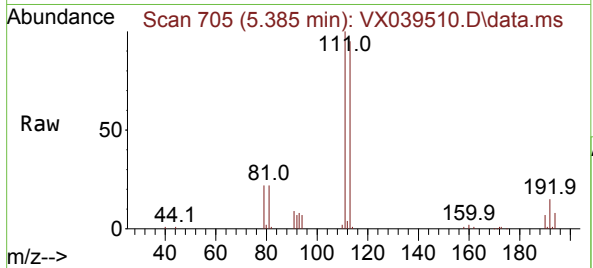




#35
Dibromofluoromethane
Concen: 46.783 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

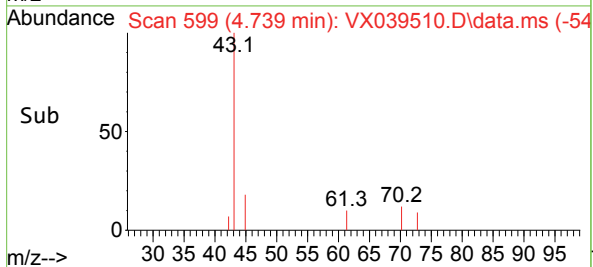
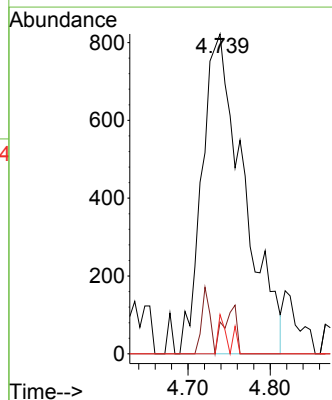
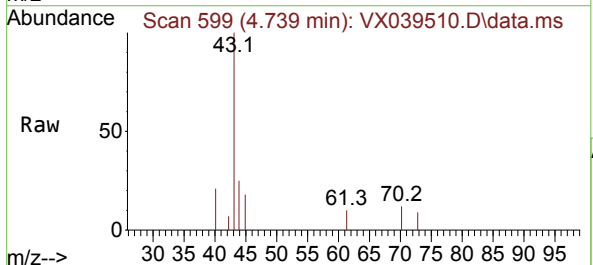
Instrument :
MSVOA_X
ClientSampleId :
50200

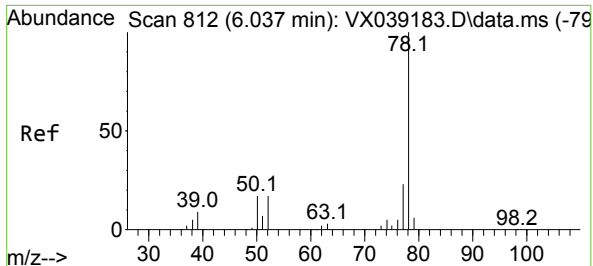
Tgt Ion:113 Resp: 51202
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.9 13.3 19.9



#37
Ethyl Acetate
Concen: 1.353 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.031 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
61 4.8 10.6 16.0#
70 2.0 8.3 12.5#

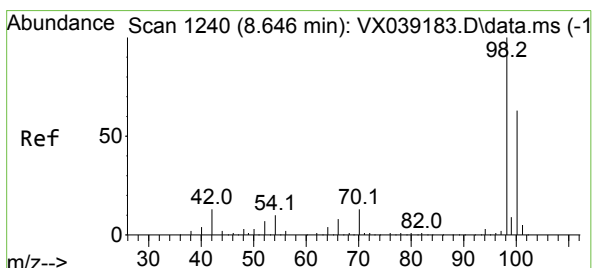
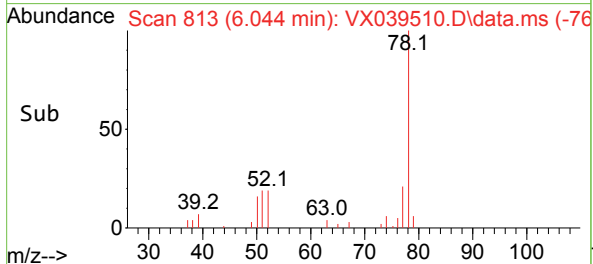
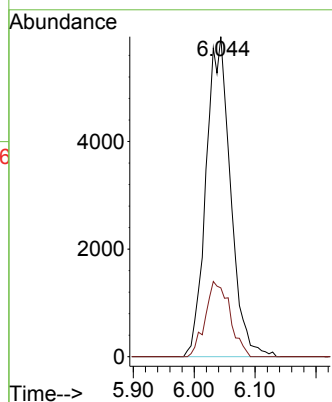
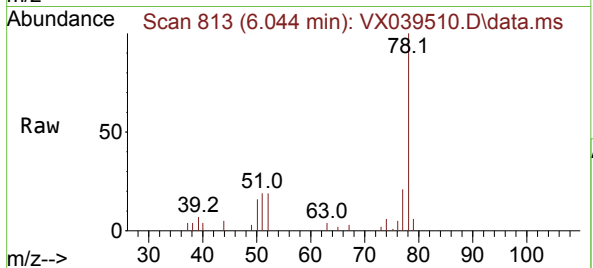




#40
Benzene
Concen: 3.398 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

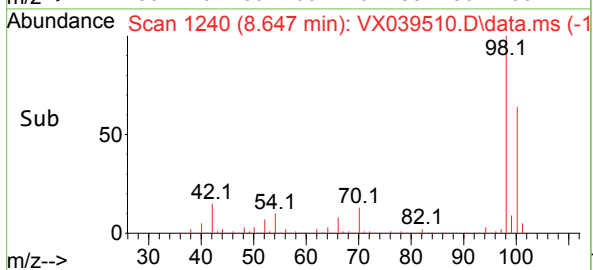
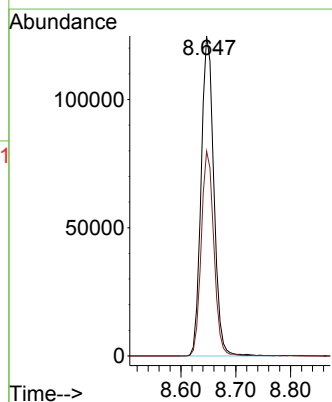
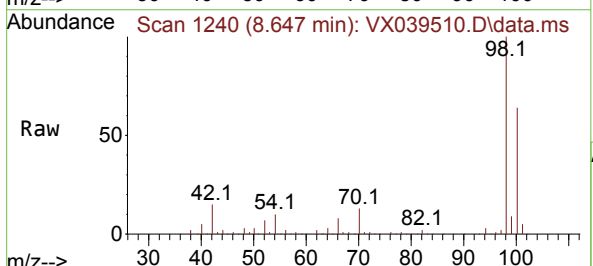
Instrument :
MSVOA_X
ClientSampleId :
50200

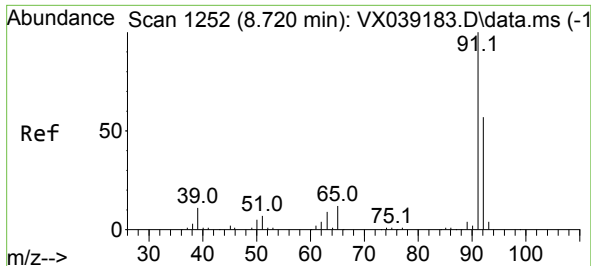
Tgt Ion: 78 Resp: 16602
Ion Ratio Lower Upper
78 100
77 21.5 19.3 28.9



#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Tgt Ion: 98 Resp: 200998
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

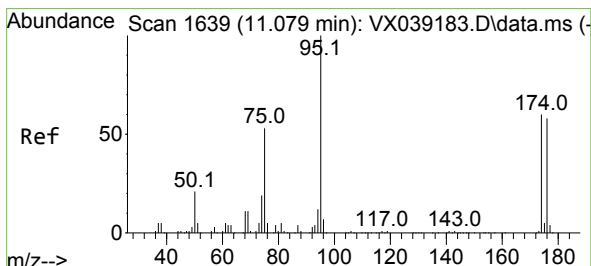
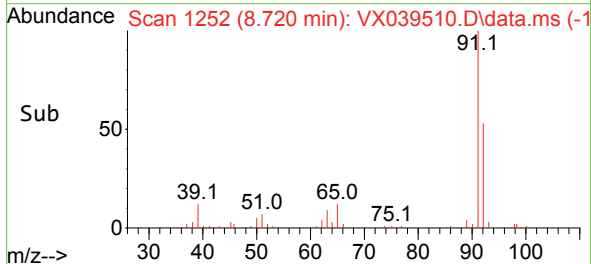
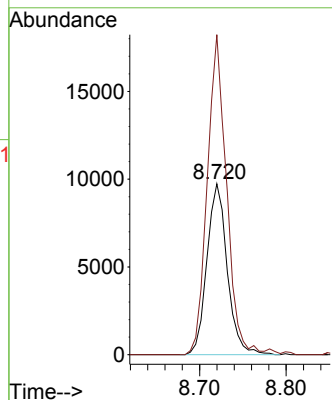
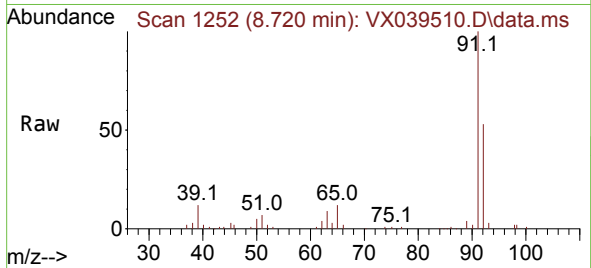




#52
Toluene
Concen: 5.383 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

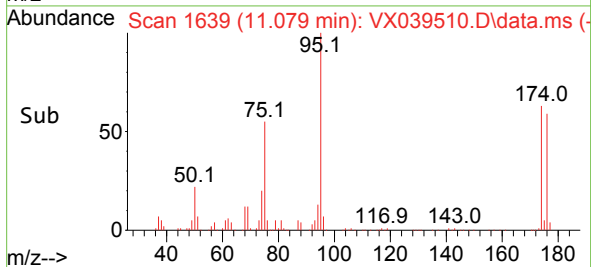
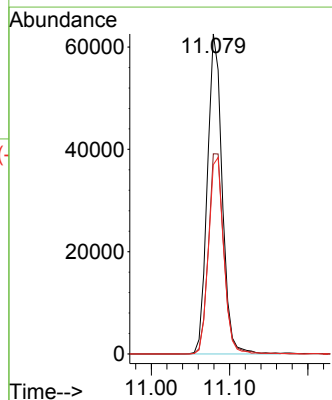
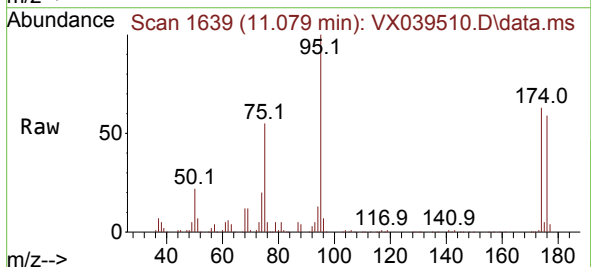
Instrument :
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ClientSampleId :
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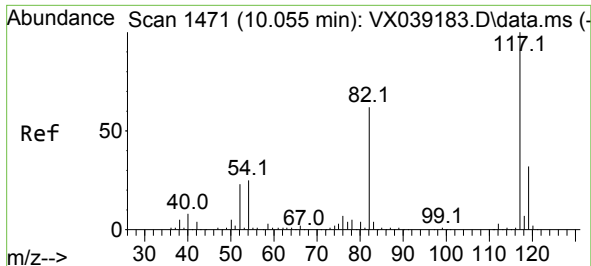
Tgt Ion: 92 Resp: 15872
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Tgt Ion: 95 Resp: 81997
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 62.7 0.0 131.0

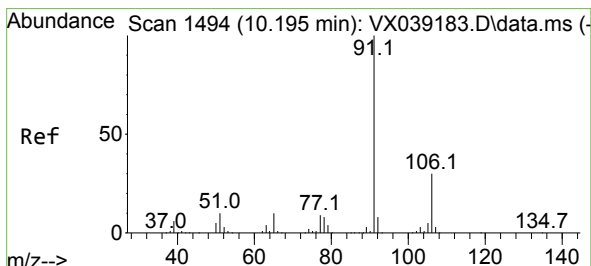
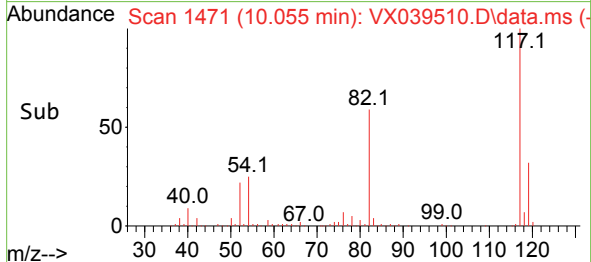
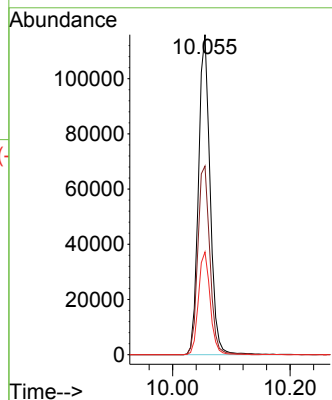
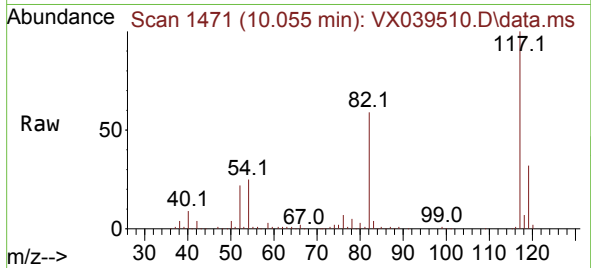




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

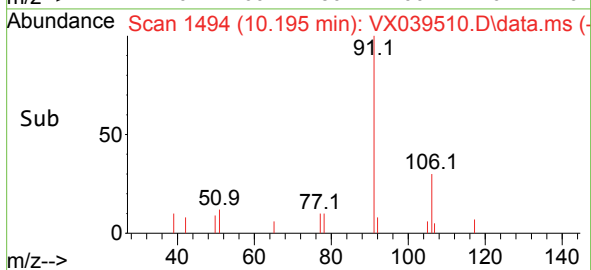
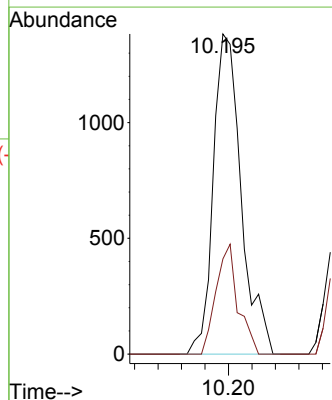
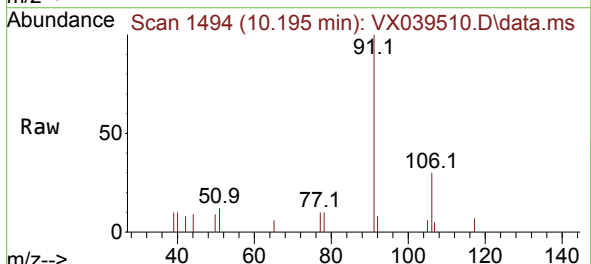
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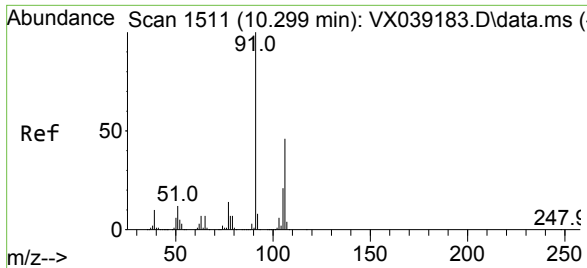
Tgt Ion:117 Resp: 158877
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 0.354 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039510.D
Acq: 28 Dec 2023 12:52

Tgt Ion: 91 Resp: 2284
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3





#68

m/p-Xylenes

Concen: 1.098 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039510.D

Acq: 28 Dec 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

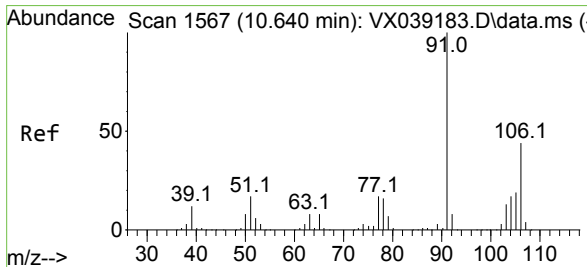
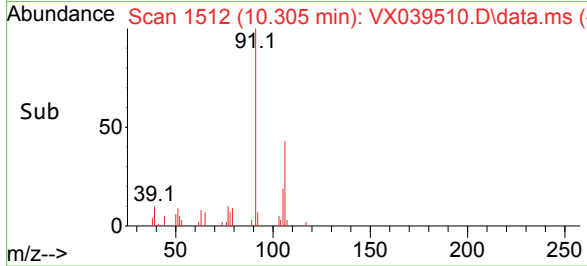
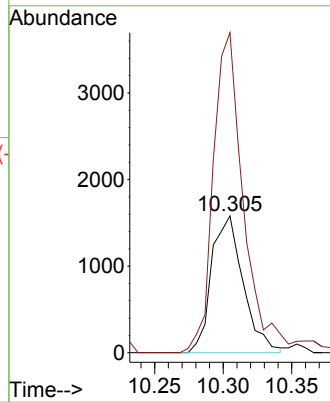
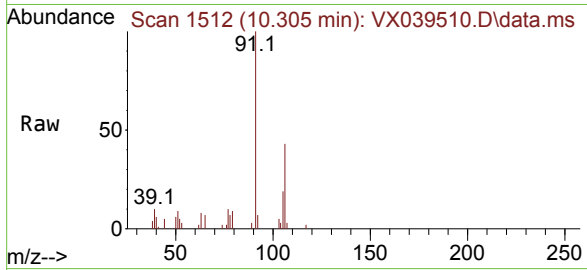
50200

Tgt Ion:106 Resp: 2541

Ion Ratio Lower Upper

106 100

91 222.7 165.5 248.3



#69

o-Xylene

Concen: 0.557 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039510.D

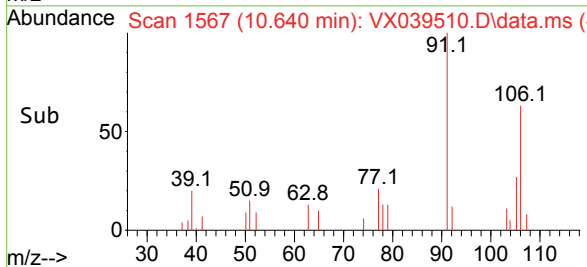
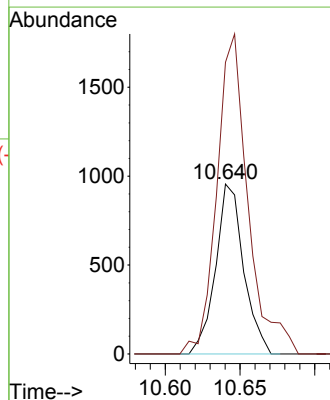
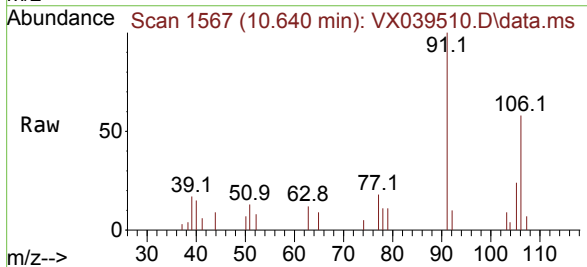
Acq: 28 Dec 2023 12:52

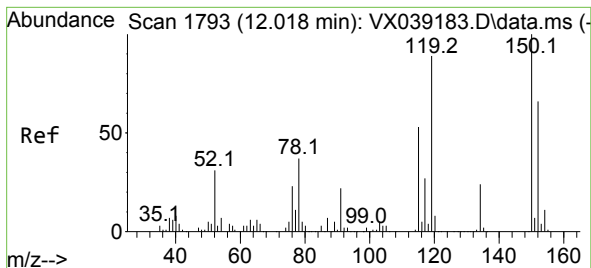
Tgt Ion:106 Resp: 1246

Ion Ratio Lower Upper

106 100

91 209.0 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039510.D

Acq: 28 Dec 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

50200

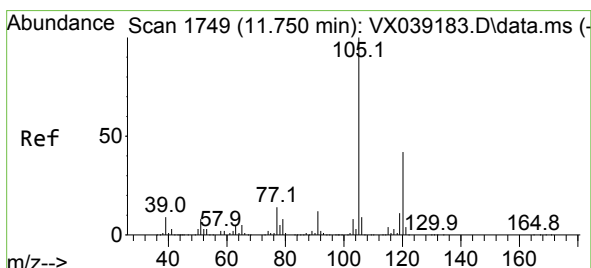
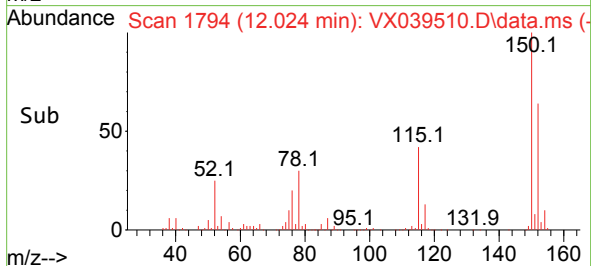
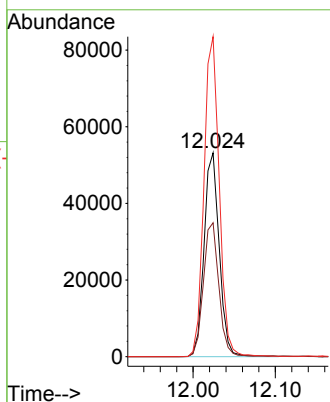
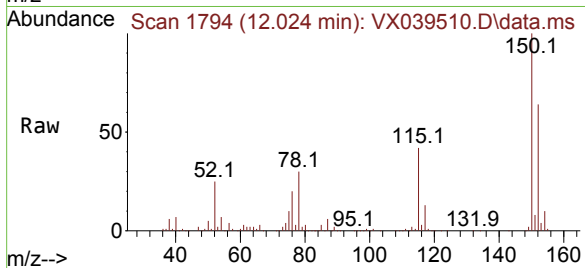
Tgt Ion:152 Resp: 68220

Ion Ratio Lower Upper

152 100

115 67.0 43.3 129.9

150 157.7 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 0.293 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX039510.D

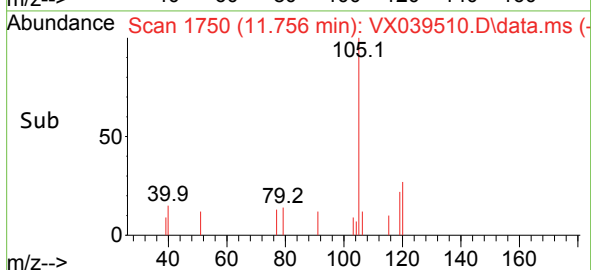
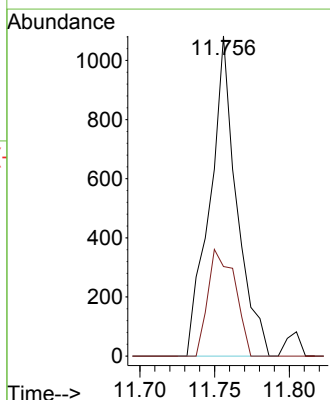
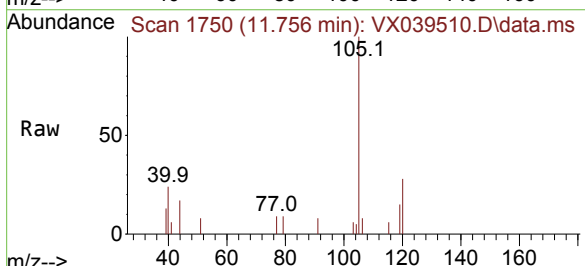
Acq: 28 Dec 2023 12:52

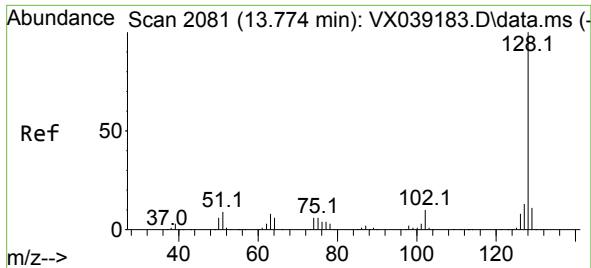
Tgt Ion:105 Resp: 1345

Ion Ratio Lower Upper

105 100

120 33.8 21.2 63.6





#95

Naphthalene

Concen: 0.205 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX039510.D

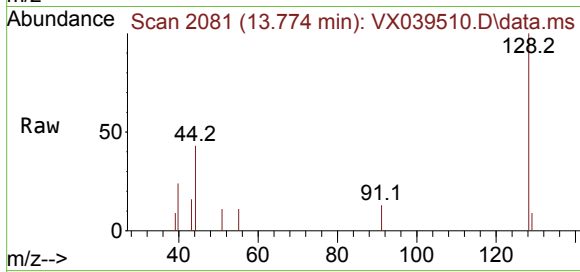
Acq: 28 Dec 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

50200



Tgt Ion:	128	Resp:	1024
Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.3	15.5#
129	9.1	8.8	13.2

