

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033267.D
 Acq On : 06 Dec 2022 18:32
 Operator : JC/MD
 Sample : N5875-10DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44DL

Quant Time: Dec 07 01:35:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

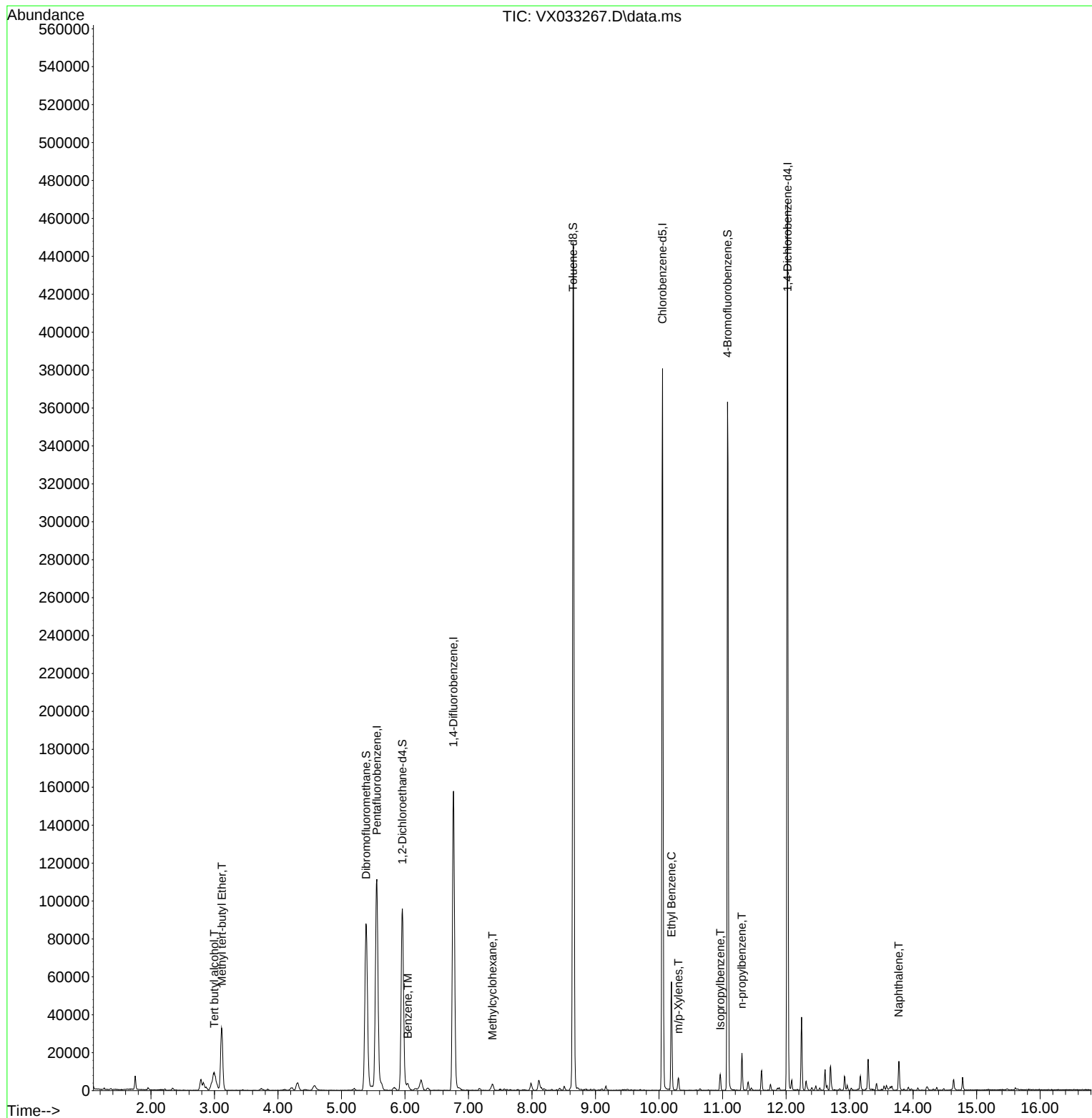
Internal Standards						
1) Pentafluorobenzene	5.556	168	106648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99221	98.234	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 196.460%#	
35) Dibromofluoromethane	5.385	113	76353	82.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 165.580%#	
50) Toluene-d8	8.647	98	274028	100.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 201.920%#	
62) 4-Bromofluorobenzene	11.079	95	93981	77.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 155.160%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	20682	125.622	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	33558	10.397	ug/l #	89
39) Methylcyclohexane	7.379	83	1559	0.927	ug/l	99
40) Benzene	6.044	78	4038	0.977	ug/l	95
67) Ethyl Benzene	10.195	91	32793	5.514	ug/l	100
68) m/p-Xylenes	10.305	106	1637	0.703	ug/l	87
73) Isopropylbenzene	10.963	105	4829	0.684	ug/l	100
78) n-propylbenzene	11.305	91	12450	1.542	ug/l	98
95) Naphthalene	13.774	128	11200	1.773	ug/l	99

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

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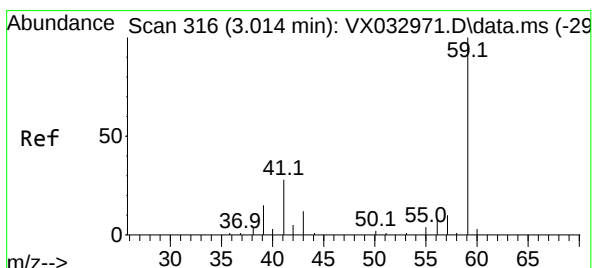
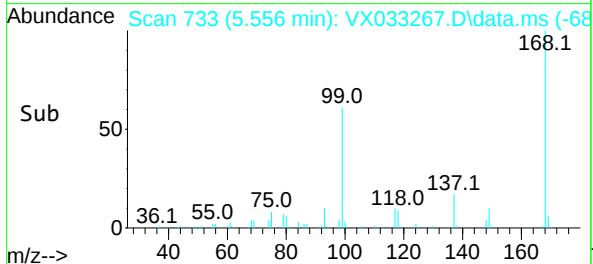
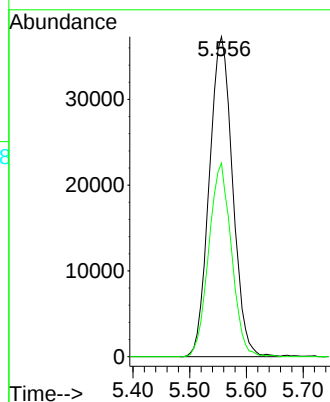
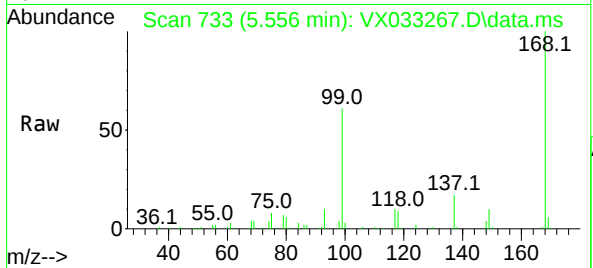




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

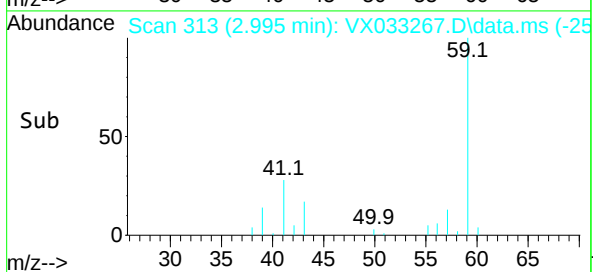
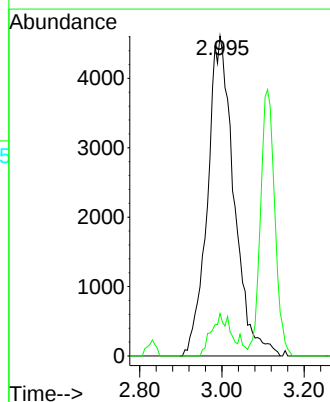
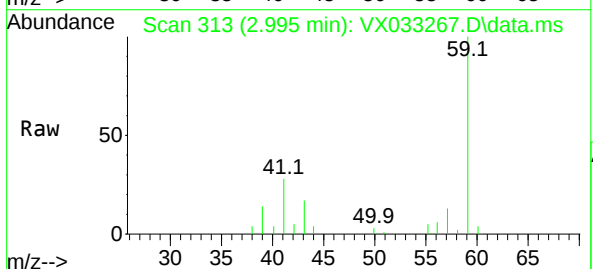
Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

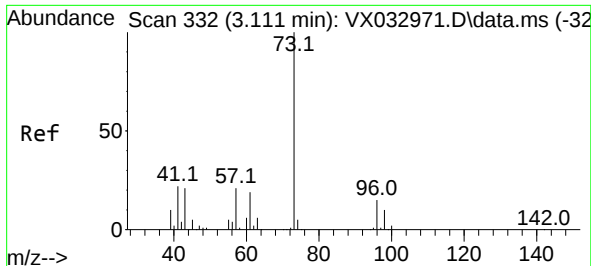
Tgt Ion:168 Resp: 106648
Ion Ratio Lower Upper
168 100
99 60.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 125.622 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

Tgt Ion: 59 Resp: 20682
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

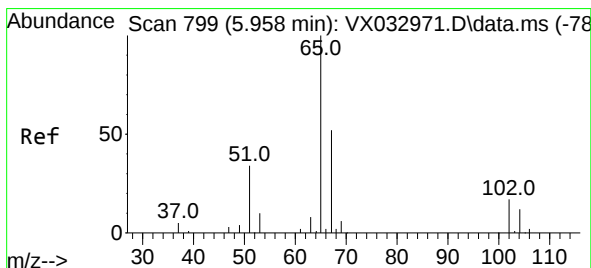
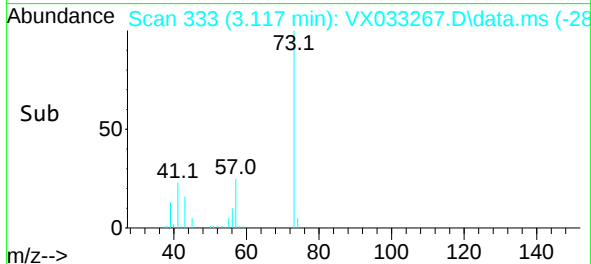
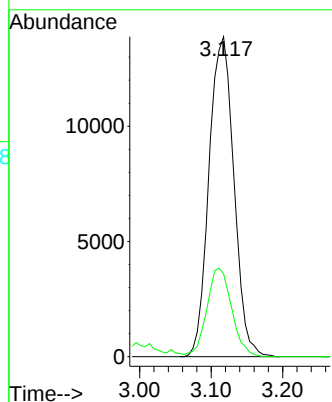
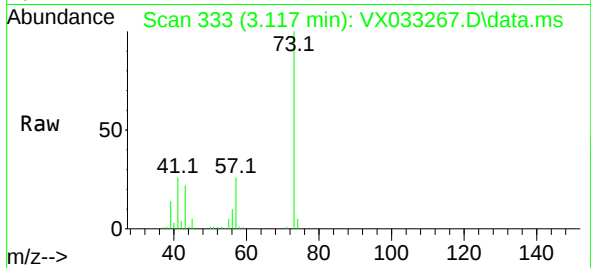




#19
Methyl tert-butyl Ether
Concen: 10.397 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

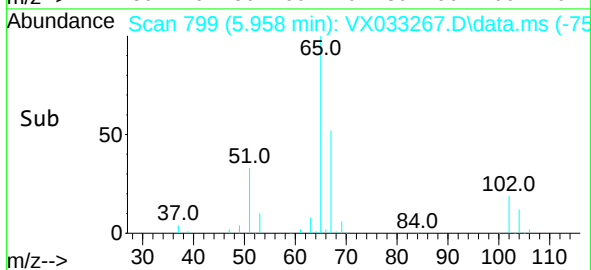
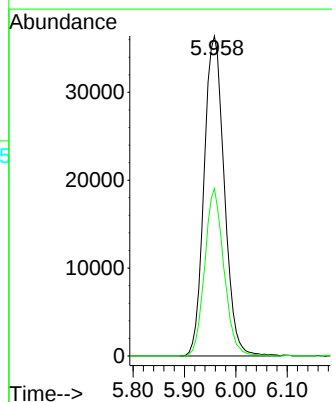
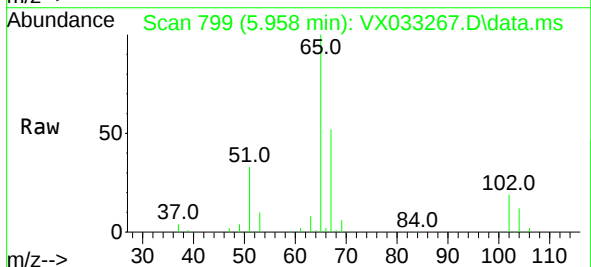
Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

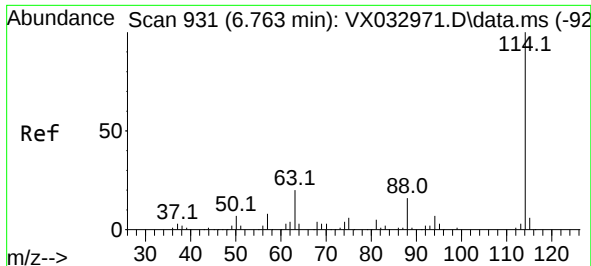
Tgt Ion: 73 Resp: 33558
Ion Ratio Lower Upper
73 100
57 26.0 16.6 25.0#



#33
1,2-Dichloroethane-d4
Concen: 98.234 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

Tgt Ion: 65 Resp: 99221
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8

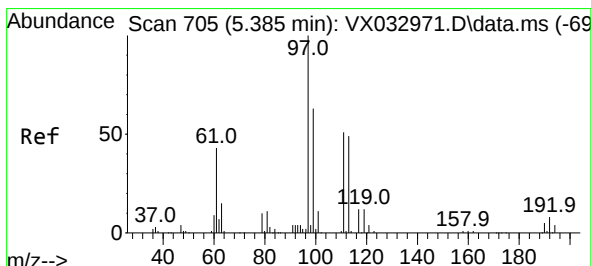
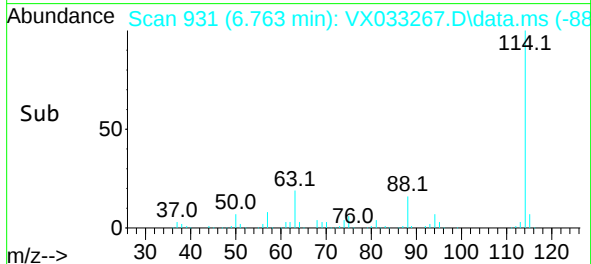
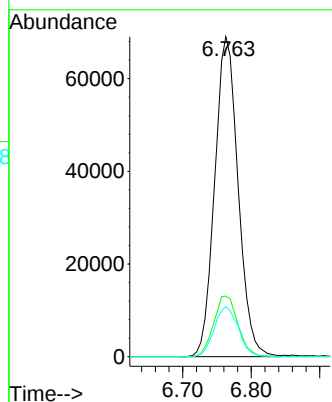
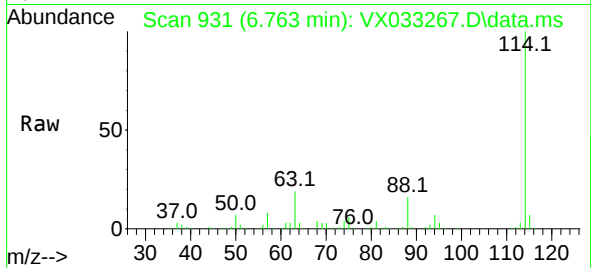




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

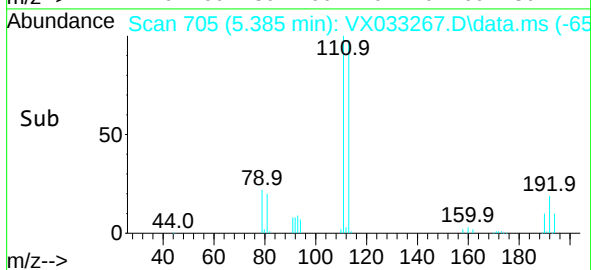
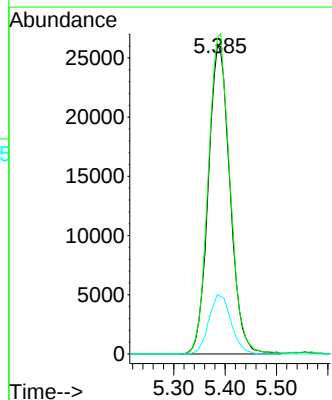
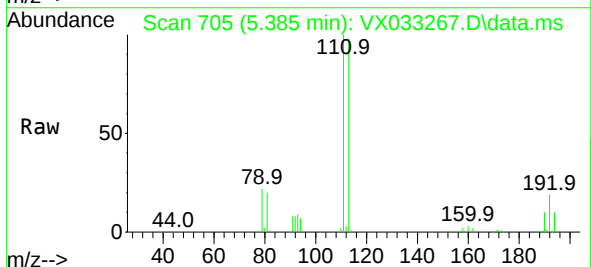
Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

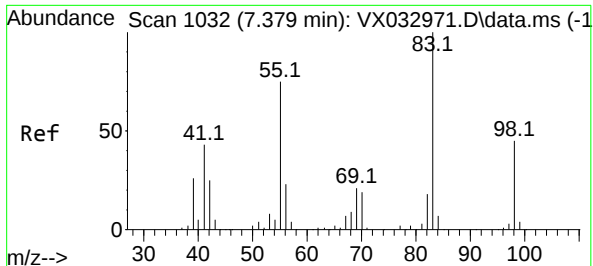
Tgt Ion:114 Resp: 163583
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 82.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

Tgt Ion:113 Resp: 76353
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.6 15.4 23.2





#39

Methylcyclohexane

Concen: 0.927 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033267.D

Acq: 06 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW-44DL

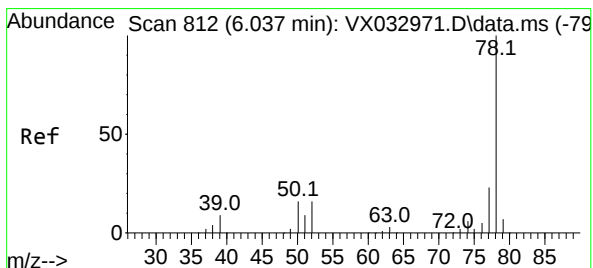
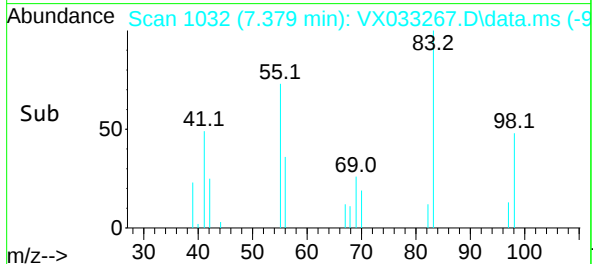
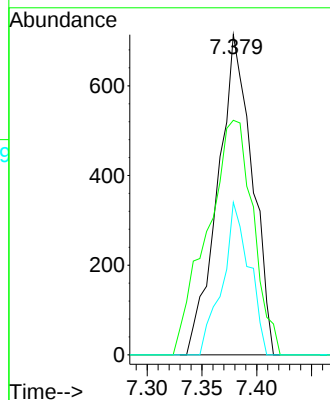
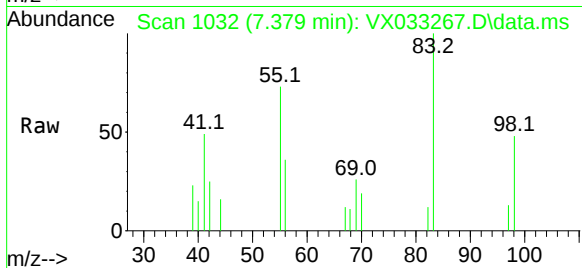
Tgt Ion: 83 Resp: 1559

Ion Ratio Lower Upper

83 100

55 73.2 58.4 87.6

98 47.6 37.2 55.8



#40

Benzene

Concen: 0.977 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX033267.D

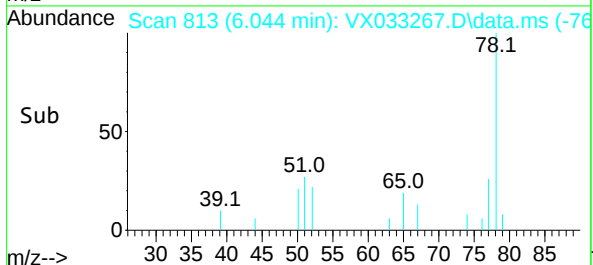
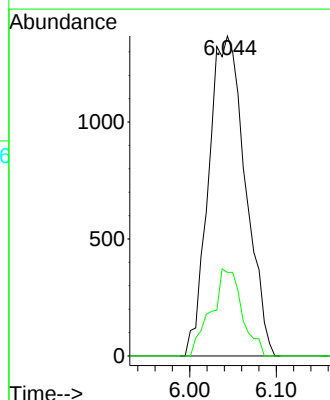
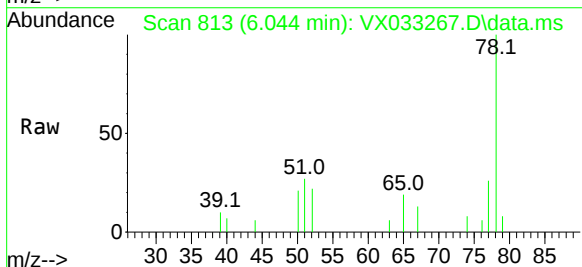
Acq: 06 Dec 2022 18:32

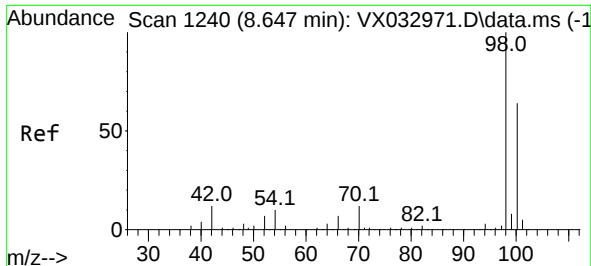
Tgt Ion: 78 Resp: 4038

Ion Ratio Lower Upper

78 100

77 26.1 19.0 28.4

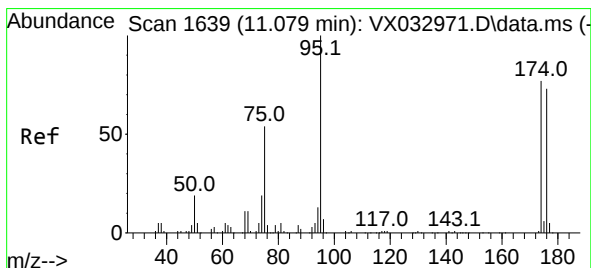
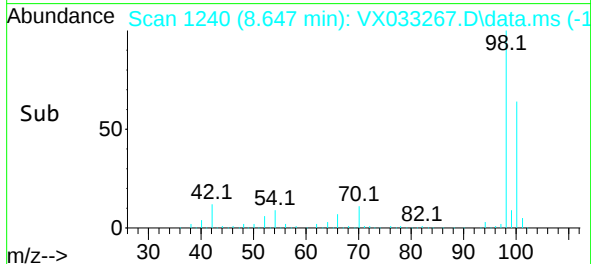
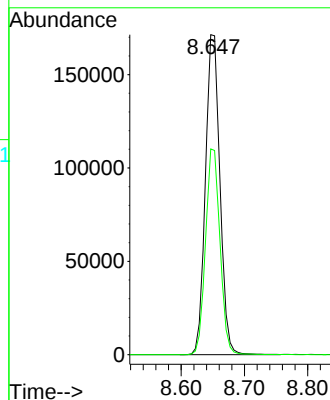
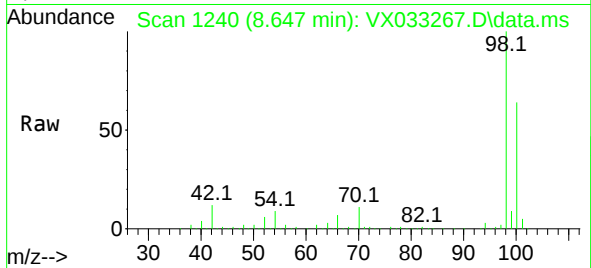




#50
Toluene-d8
Concen: 100.955 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

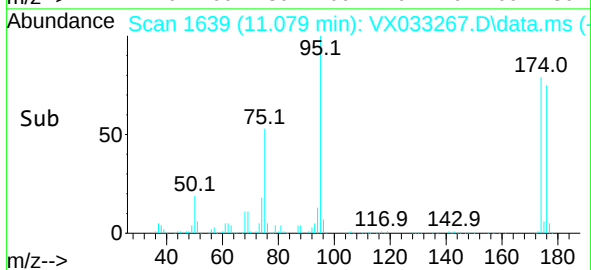
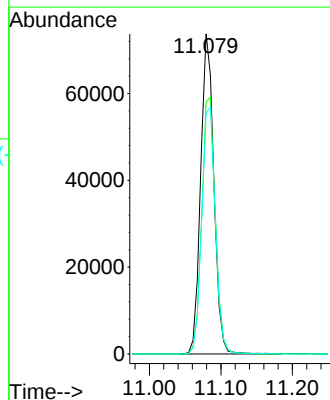
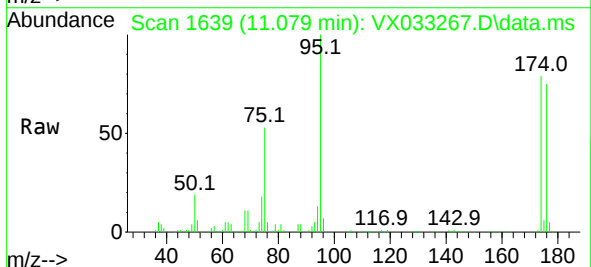
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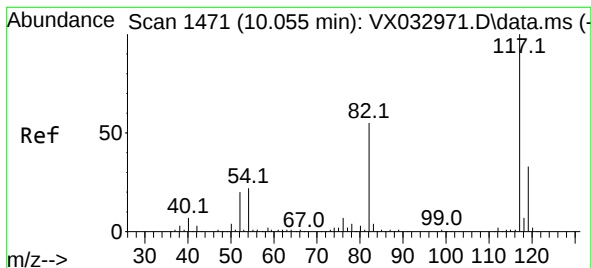
Tgt Ion: 98 Resp: 274028
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 77.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

Tgt Ion: 95 Resp: 93981
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033267.D

Acq: 06 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW-44DL

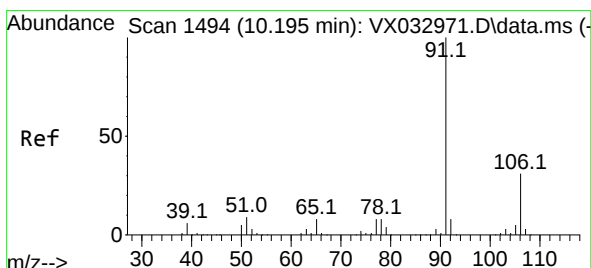
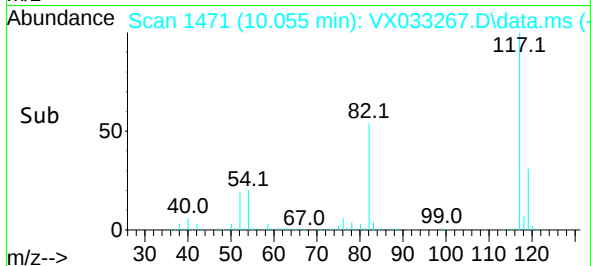
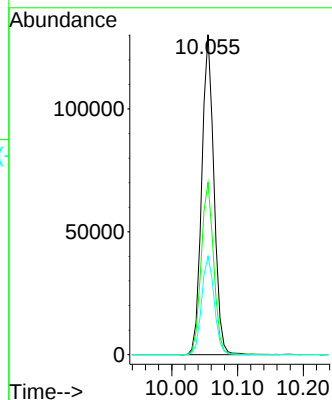
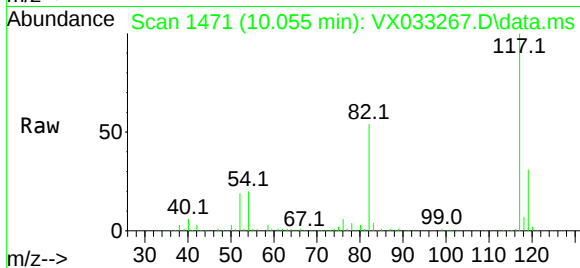
Tgt Ion:117 Resp: 168155

Ion Ratio Lower Upper

117 100

82 53.8 44.3 66.5

119 30.7 25.7 38.5



#67

Ethyl Benzene

Concen: 5.514 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033267.D

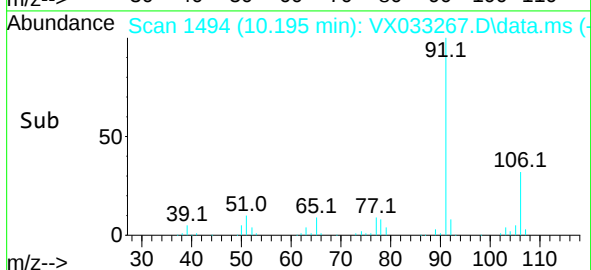
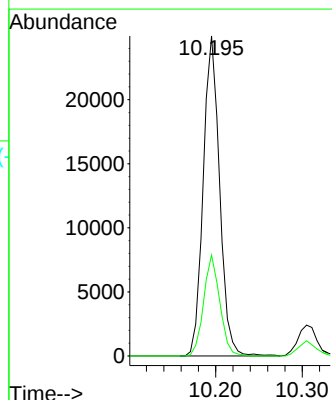
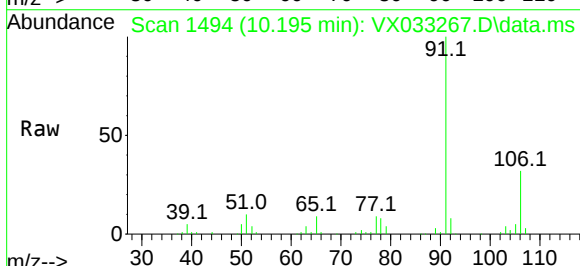
Acq: 06 Dec 2022 18:32

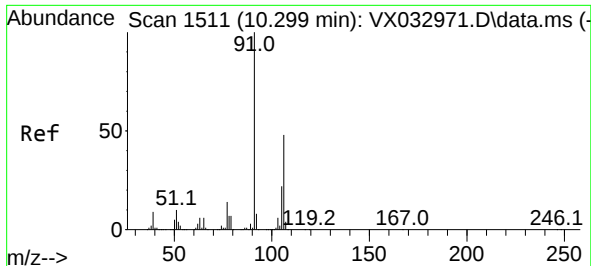
Tgt Ion: 91 Resp: 32793

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6

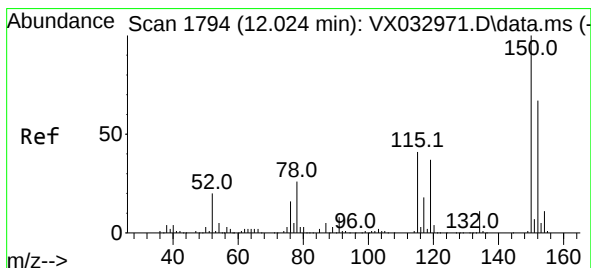
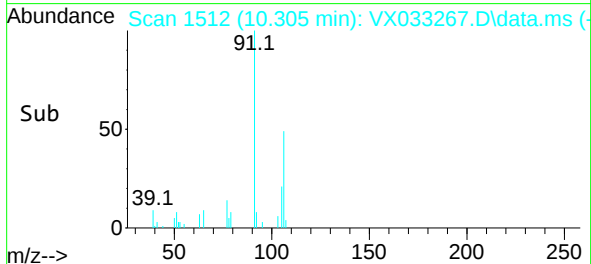
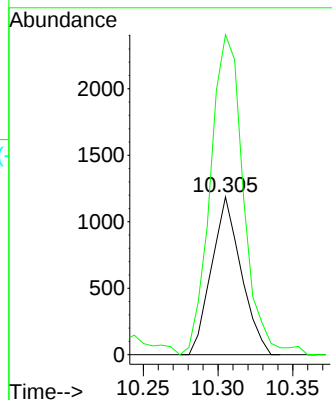
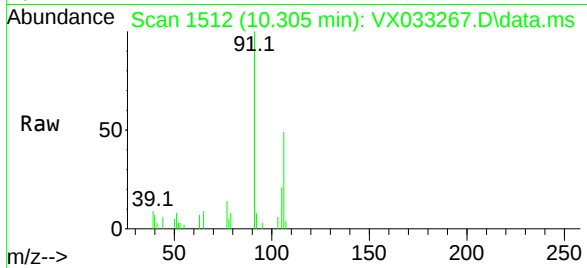




#68
m/p-Xylenes
Concen: 0.703 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

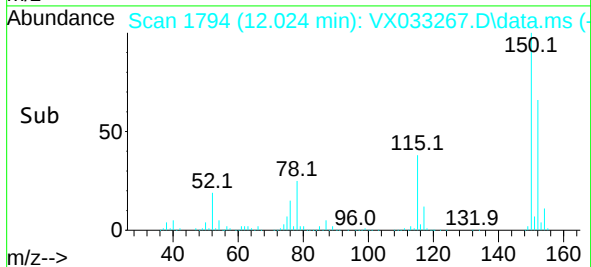
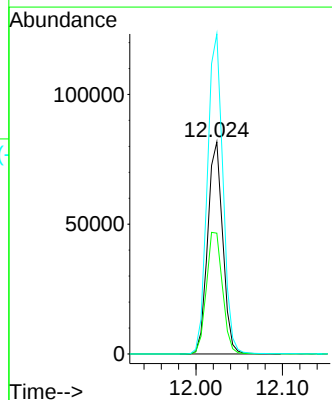
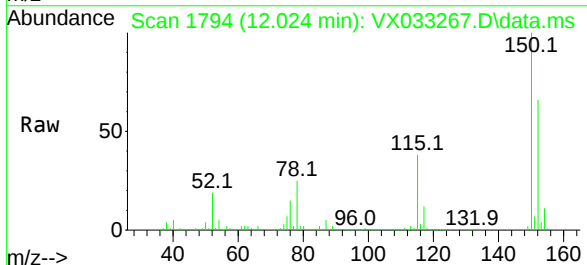
Instrument :
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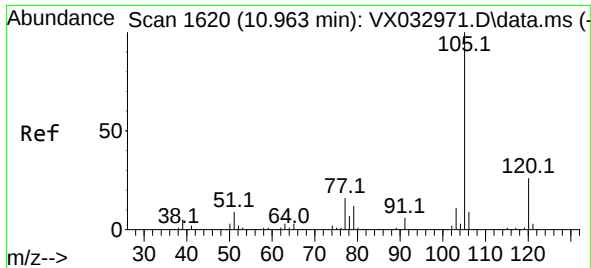
Tgt Ion:106 Resp: 1637
Ion Ratio Lower Upper
106 100
91 226.1 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

Tgt Ion:152 Resp: 98815
Ion Ratio Lower Upper
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115 61.2 44.0 132.0
150 155.8 0.0 351.8

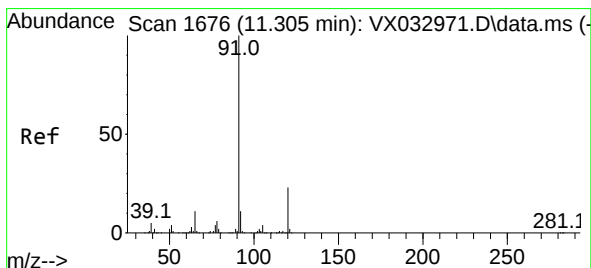
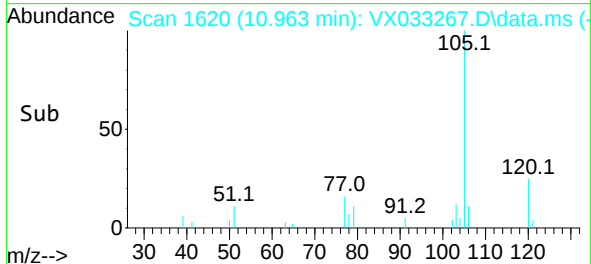
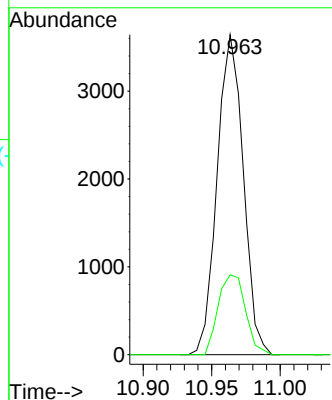
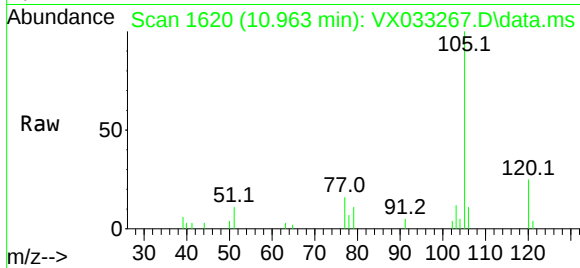




#73
Isopropylbenzene
Concen: 0.684 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

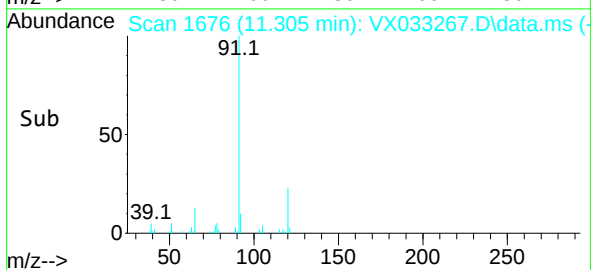
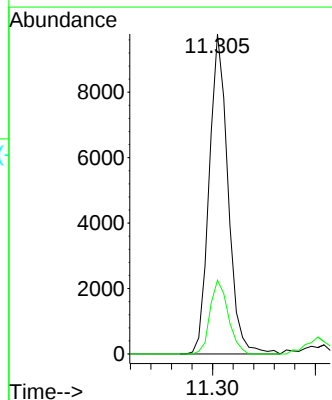
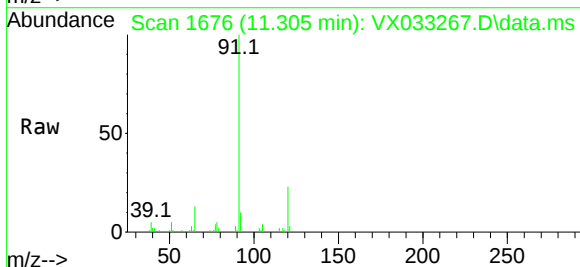
Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

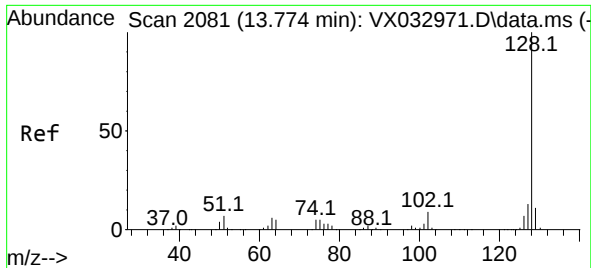
Tgt Ion:105 Resp: 4829
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#78
n-propylbenzene
Concen: 1.542 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033267.D
Acq: 06 Dec 2022 18:32

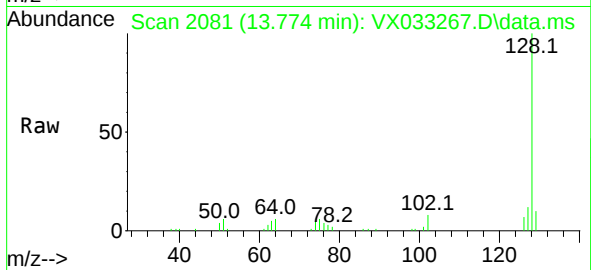
Tgt Ion: 91 Resp: 12450
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8





#95
 Naphthalene
 Concen: 1.773 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VX033267.D
 Acq: 06 Dec 2022 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44DL



Tgt Ion:	128	Resp:	11200
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	10.9	8.9	13.3

