

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079758.D
 Acq On : 31 Oct 2023 20:55
 Operator : JC\MD
 Sample : 05107-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1051

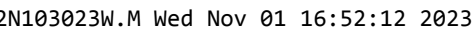
Quant Time: Nov 01 01:27:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

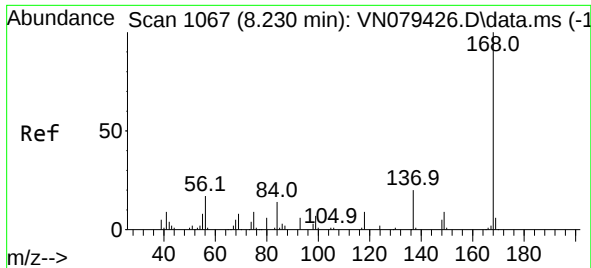
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	303494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	595231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	289712	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220333	45.208	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	8.171	113	205917	50.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.571	98	691493	45.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.853	95	311534	65.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.160%#
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	124694	59.801	ug/l	94
25) 2-Butanone	7.488	43	43951	15.345	ug/l	# 80
40) Benzene	8.612	78	1050816	58.852	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	10139	1.700	ug/l	89
52) Toluene	10.635	92	649806	59.613	ug/l	99
67) Ethyl Benzene	11.970	91	149729	6.451	ug/l	97
68) m/p-Xylenes	12.070	106	283769	33.056	ug/l	97
69) o-Xylene	12.400	106	171119	20.730	ug/l	94
73) Isopropylbenzene	12.694	105	12320	0.469	ug/l	99
78) n-propylbenzene	13.041	91	19292	0.638	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	67387	3.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	210382	10.195	ug/l	100
95) Naphthalene	15.641	128	5789147	658.834	ug/l	99

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

Quant Time: Nov 01 01:27:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

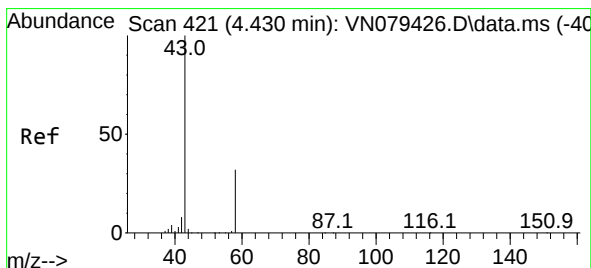
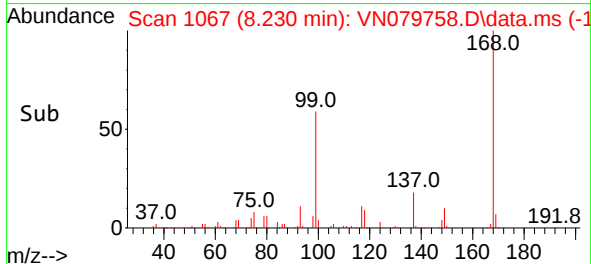
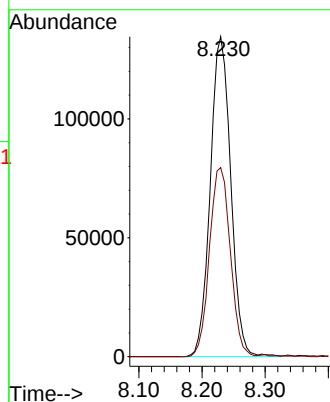
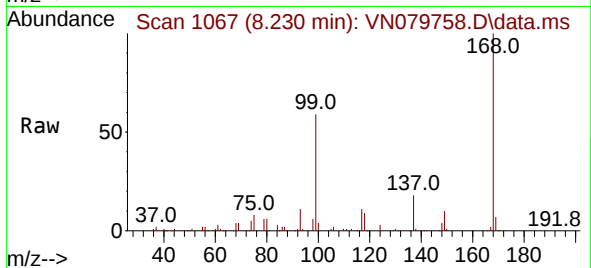




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

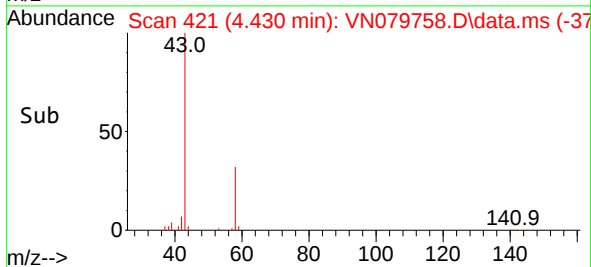
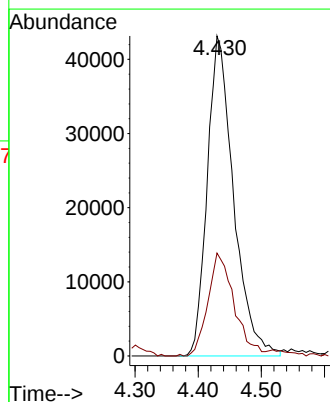
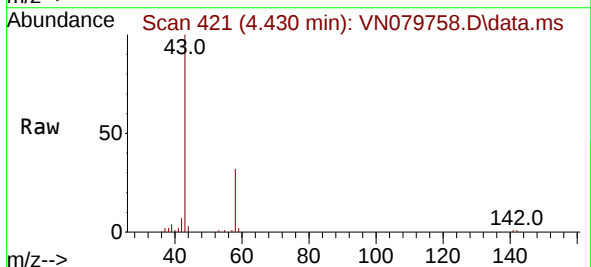
Instrument :
MSVOA_N
ClientSampleId :
1051

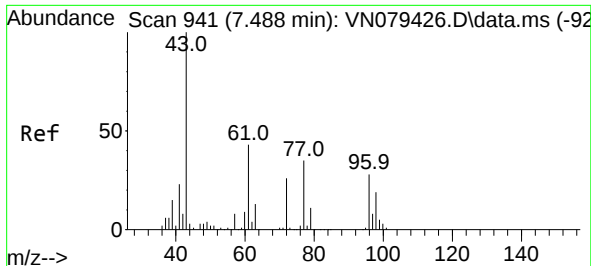
Tgt Ion:168 Resp: 303494
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#16
Acetone
Concen: 59.801 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 43 Resp: 124694
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

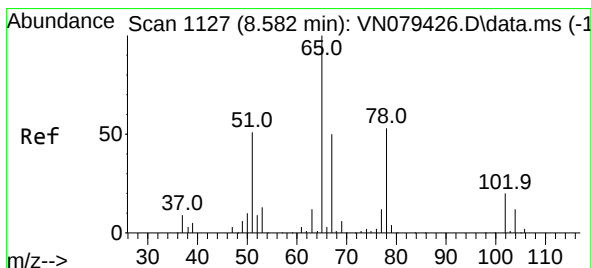
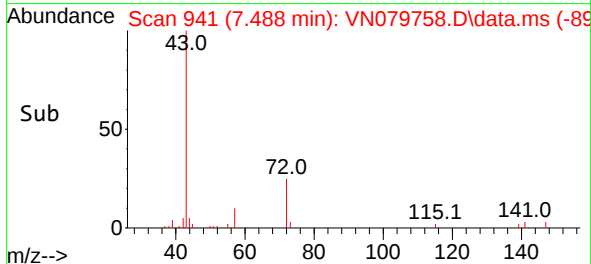
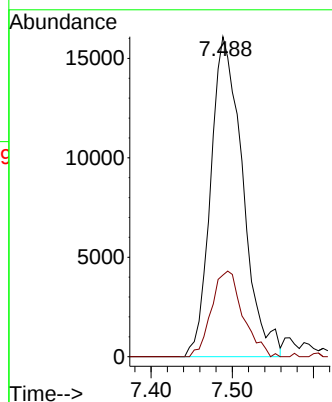
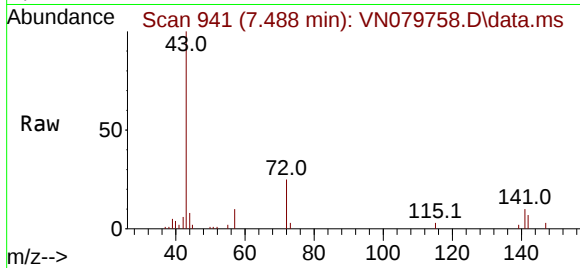




#25
2-Butanone
Concen: 15.345 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

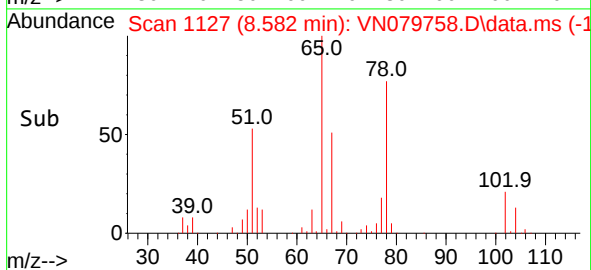
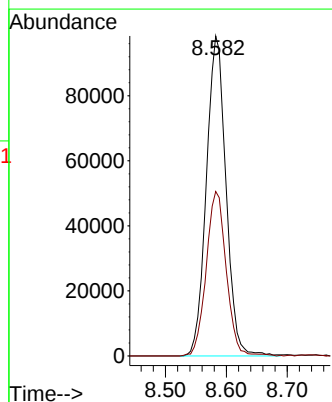
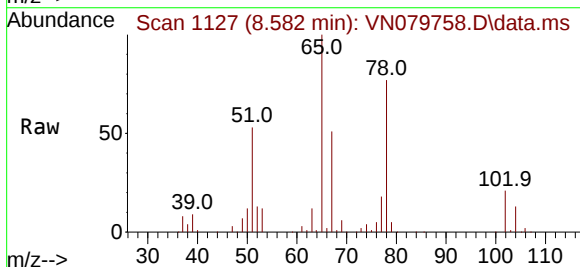
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MSVOA_N
ClientSampleId :
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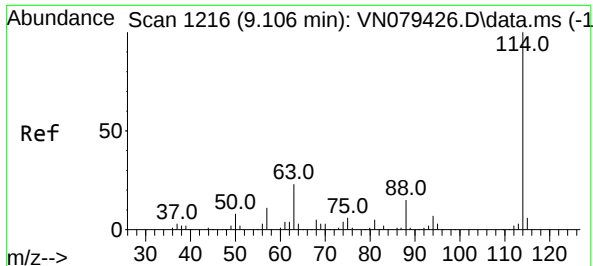
Tgt Ion: 43 Resp: 43951
Ion Ratio Lower Upper
43 100
72 25.5 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 45.208 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 65 Resp: 220333
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6

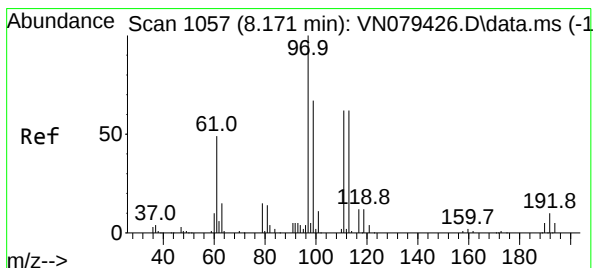
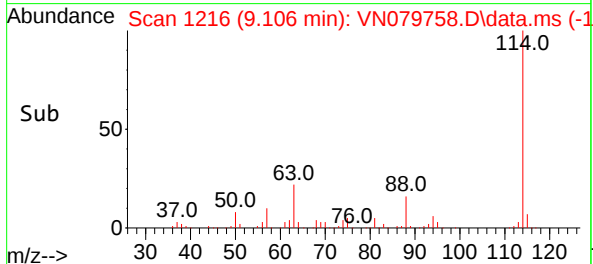
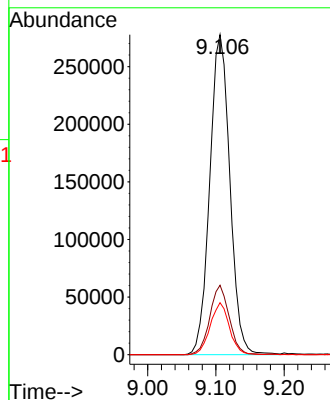
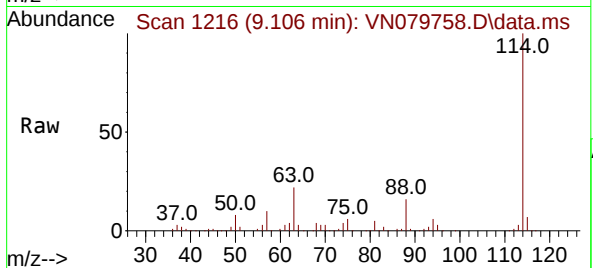




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

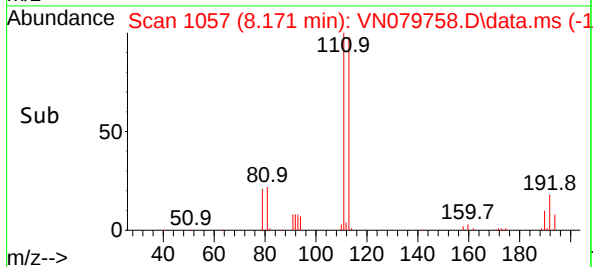
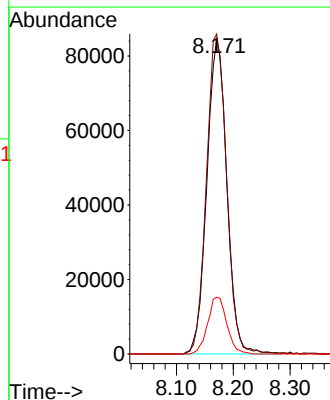
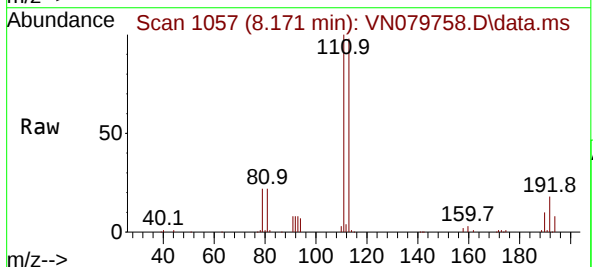
Instrument :
MSVOA_N
ClientSampleId :
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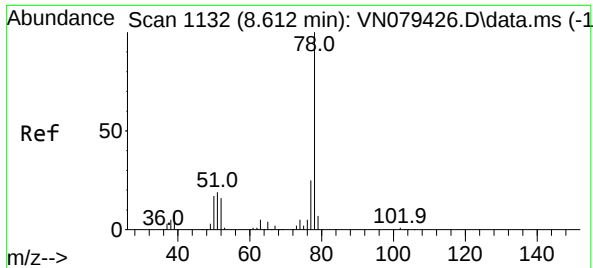
Tgt Ion:114 Resp: 570702
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion:113 Resp: 205917
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.3 12.7 19.1

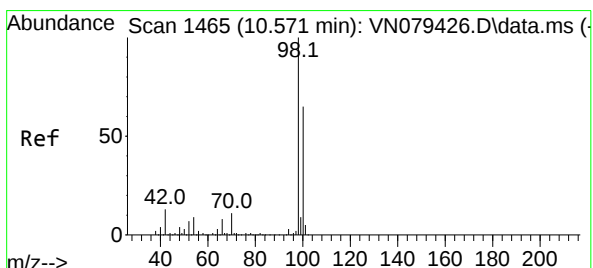
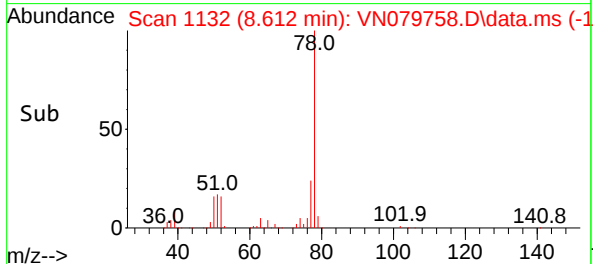
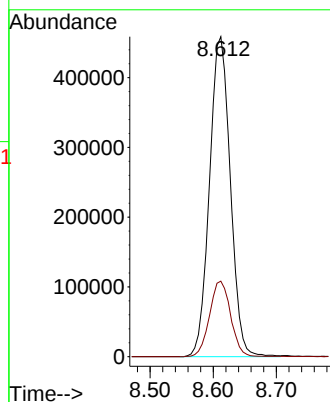
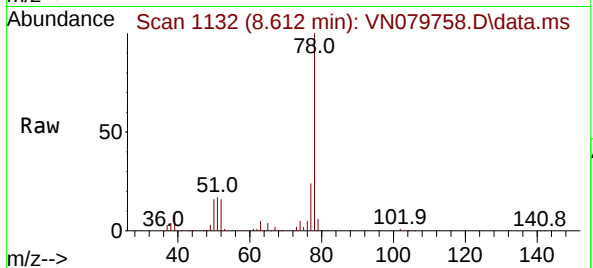




#40
Benzene
Concen: 58.852 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

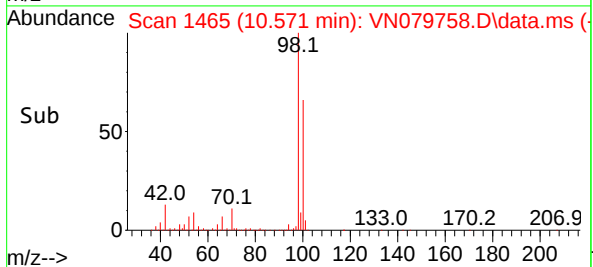
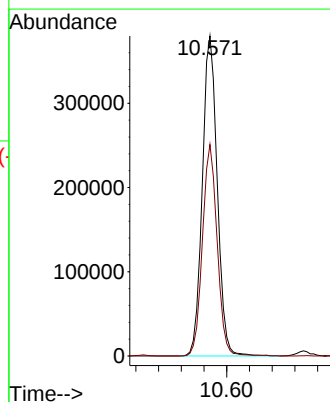
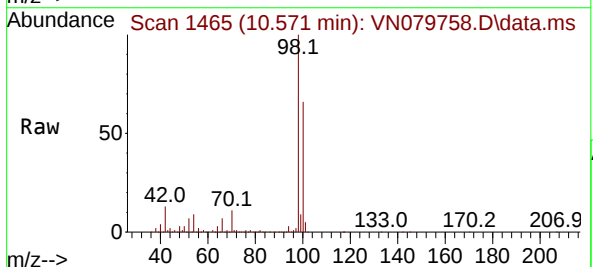
Instrument :
MSVOA_N
ClientSampleId :
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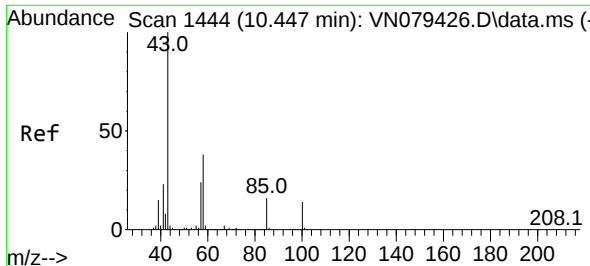
Tgt Ion: 78 Resp: 1050816
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#50
Toluene-d8
Concen: 45.487 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 98 Resp: 691493
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

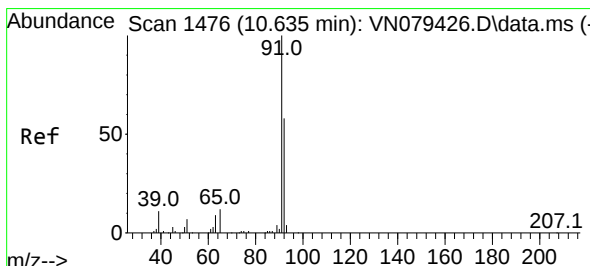
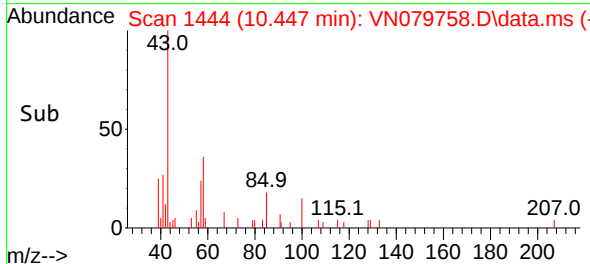
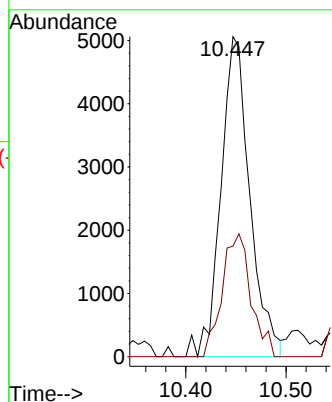
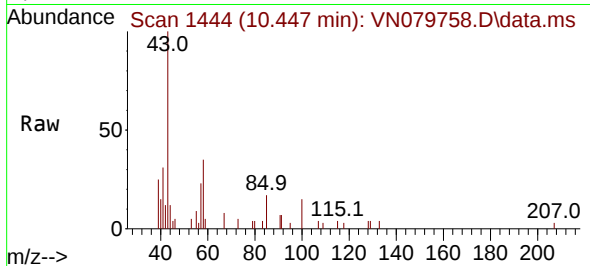




#51
4-Methyl-2-Pentanone
Concen: 1.700 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

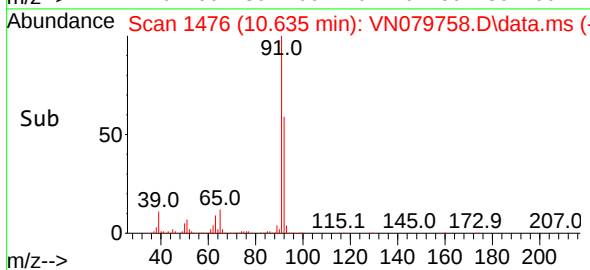
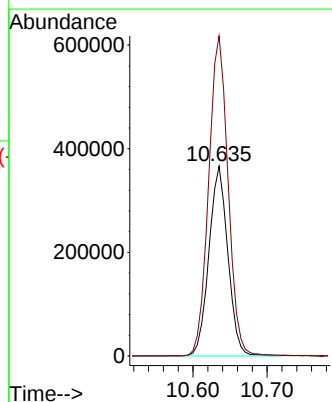
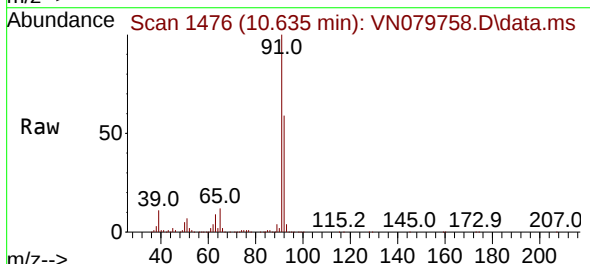
Instrument :
MSVOA_N
ClientSampleId :
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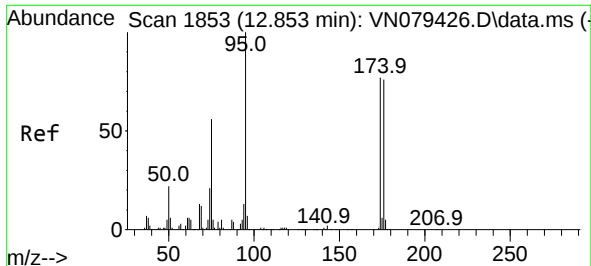
Tgt Ion: 43 Resp: 10139
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8



#52
Toluene
Concen: 59.613 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 92 Resp: 649806
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0

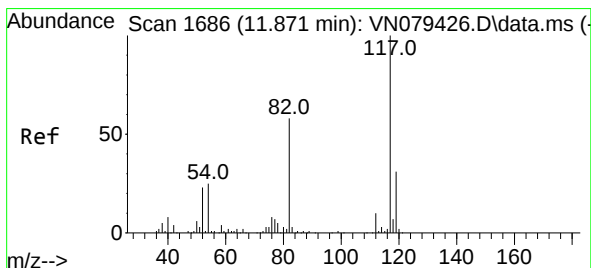
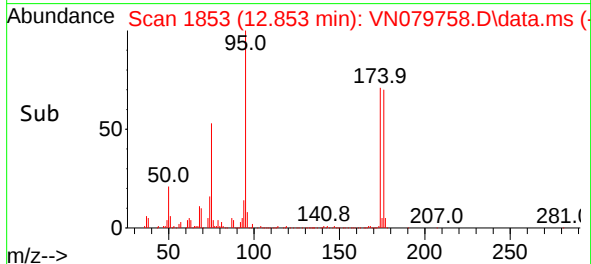
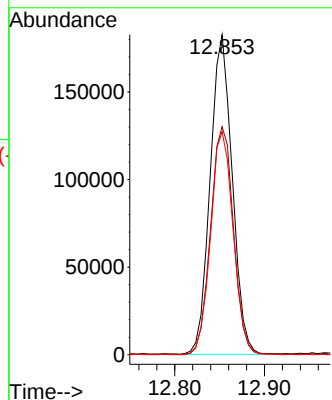
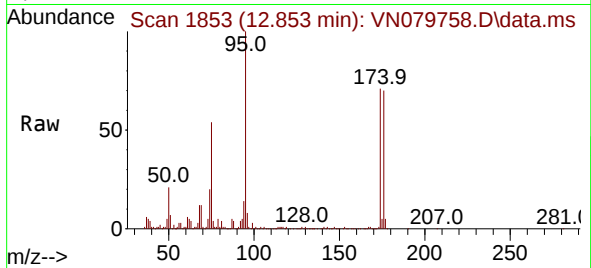




#62
4-Bromofluorobenzene
Concen: 65.075 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

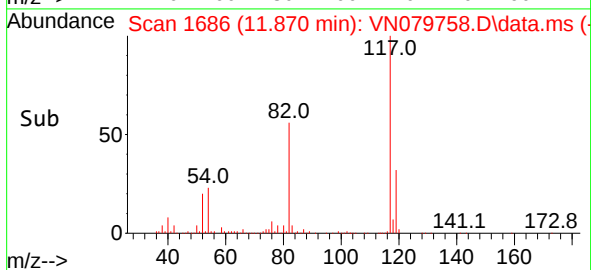
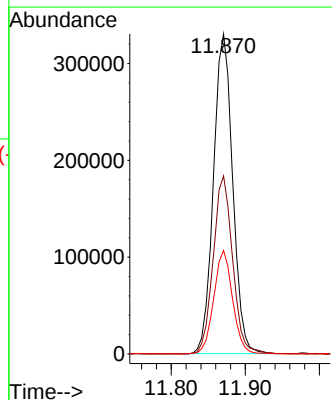
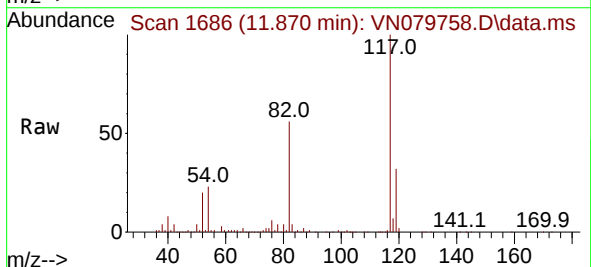
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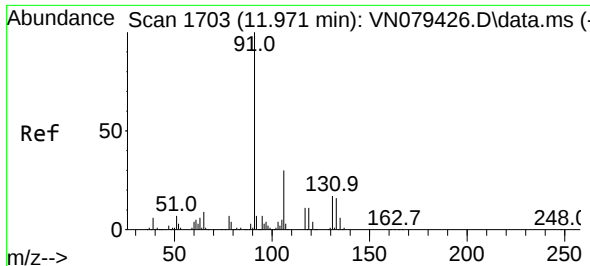
Tgt Ion: 95 Resp: 311534
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 117 Resp: 595231
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.3 25.6 38.4

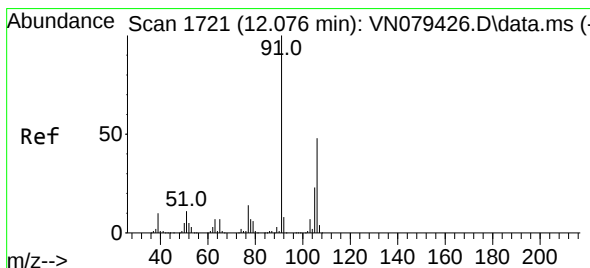
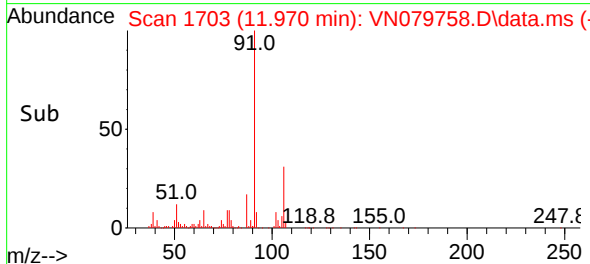
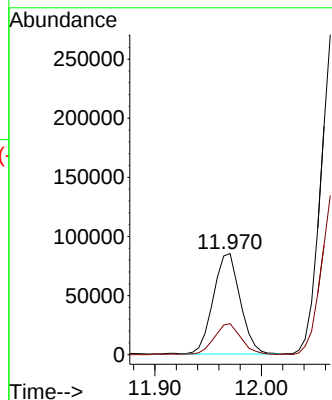
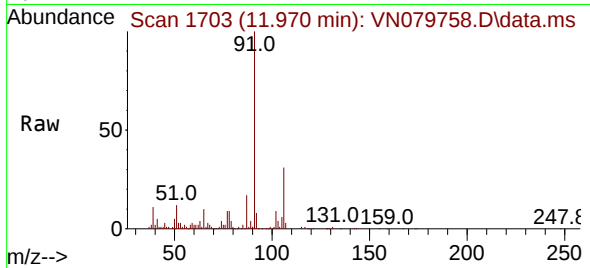




#67
Ethyl Benzene
Concen: 6.451 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

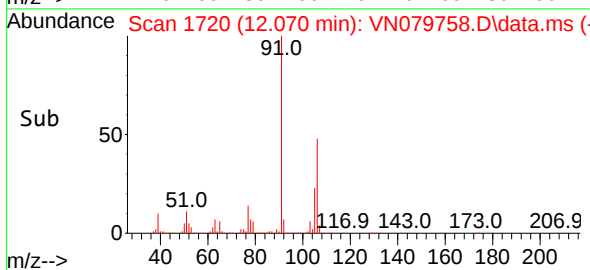
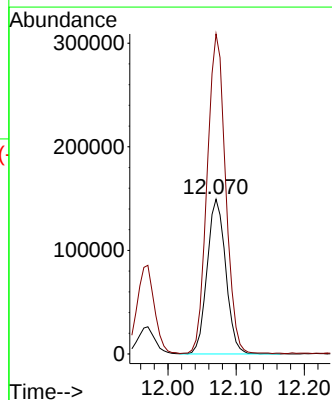
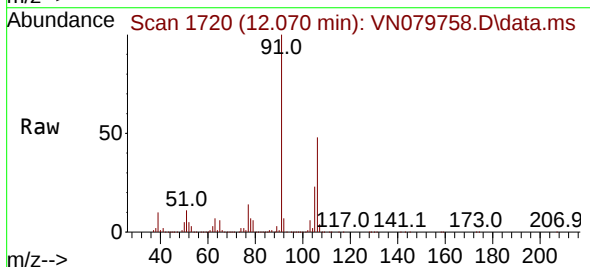
Instrument :
MSVOA_N
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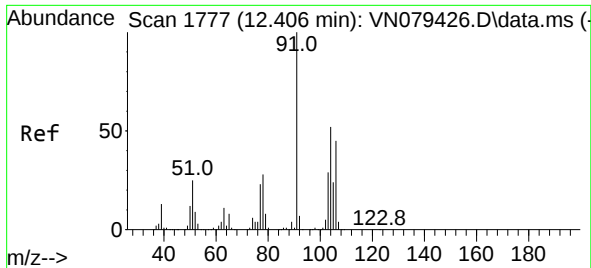
Tgt Ion: 91 Resp: 149729
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 33.056 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion:106 Resp: 283769
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4

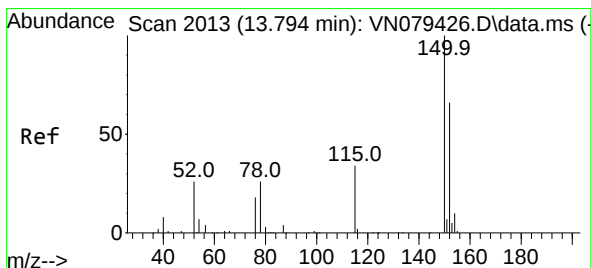
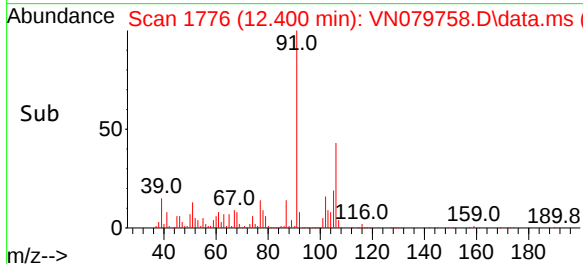
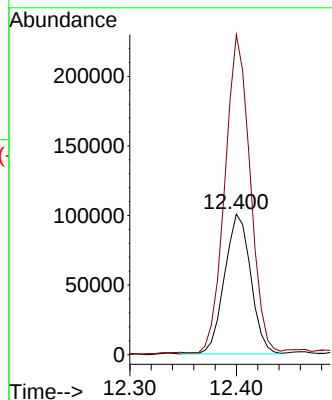
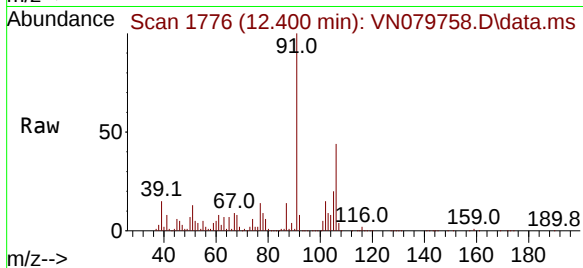




#69
o-Xylene
Concen: 20.730 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

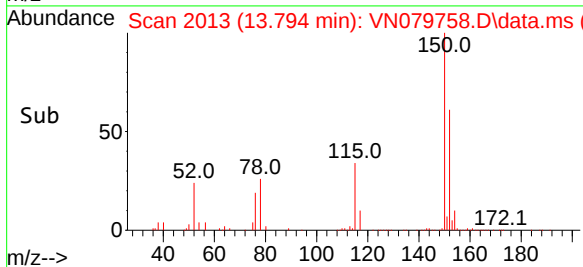
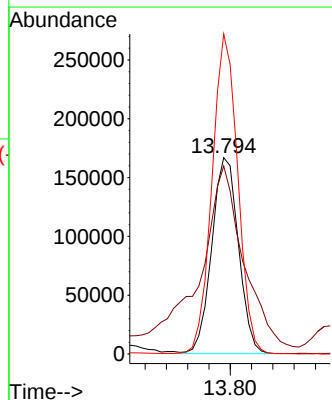
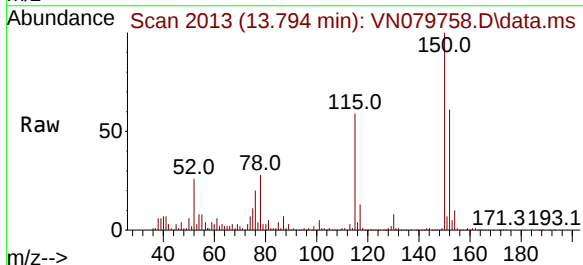
Instrument :
MSVOA_N
ClientSampleId :
1051

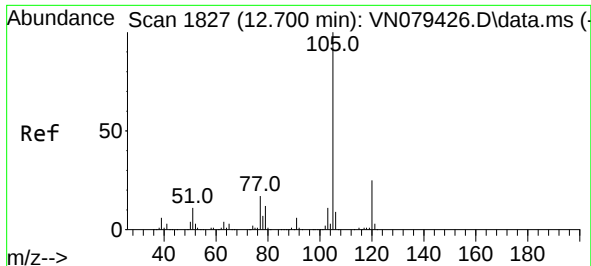
Tgt Ion:106 Resp: 171119
Ion Ratio Lower Upper
106 100
91 219.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion:152 Resp: 289712
Ion Ratio Lower Upper
152 100
115 151.1 32.3 96.8#
150 157.5 0.0 355.8

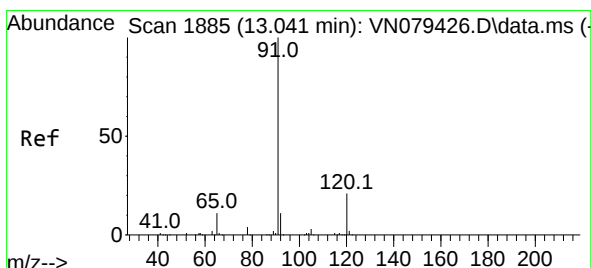
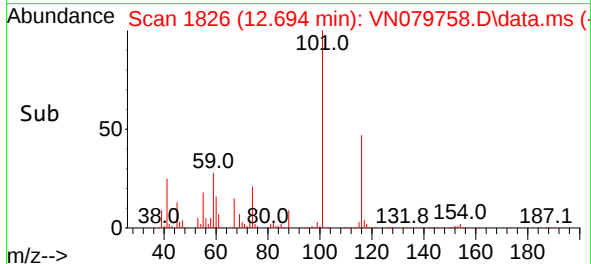
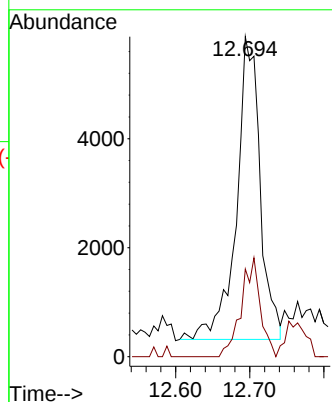
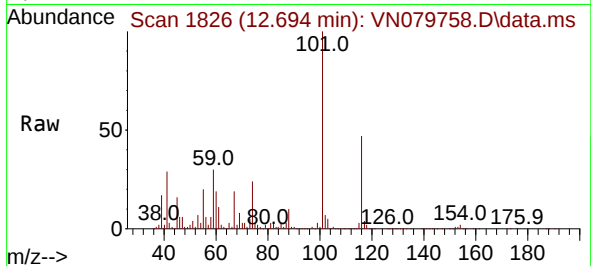




#73
Isopropylbenzene
Concen: 0.469 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

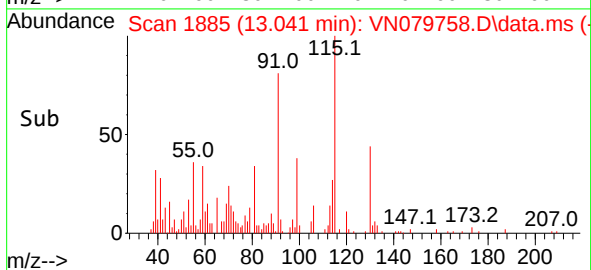
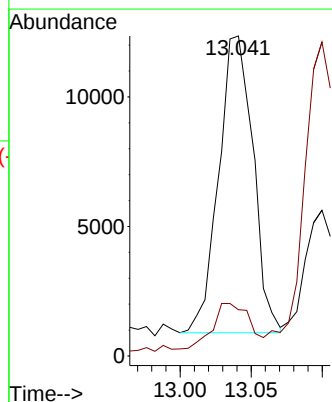
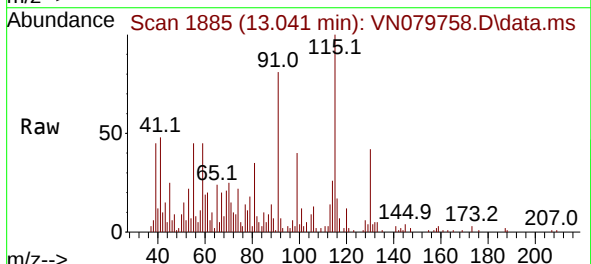
Instrument :
MSVOA_N
ClientSampleId :
1051

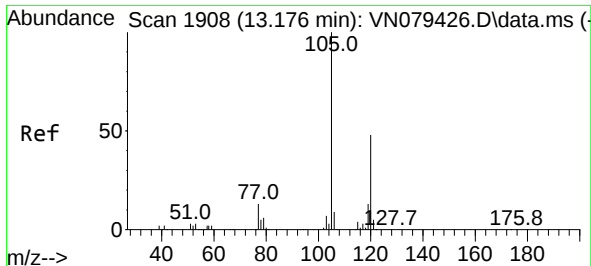
Tgt Ion:105 Resp: 12320
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#78
n-propylbenzene
Concen: 0.638 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 91 Resp: 19292
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4

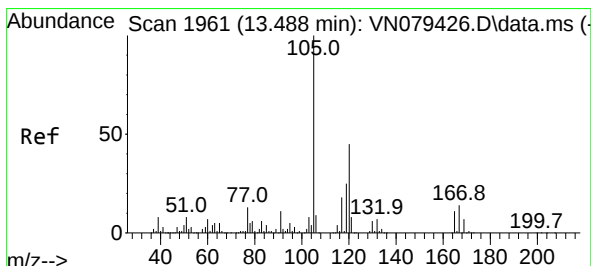
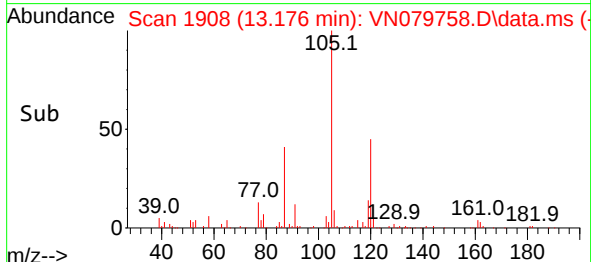
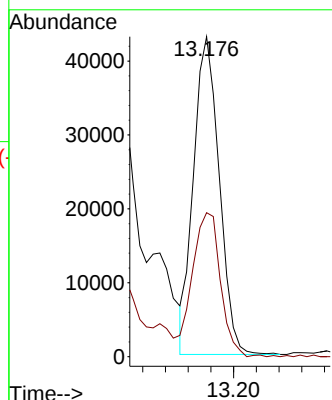
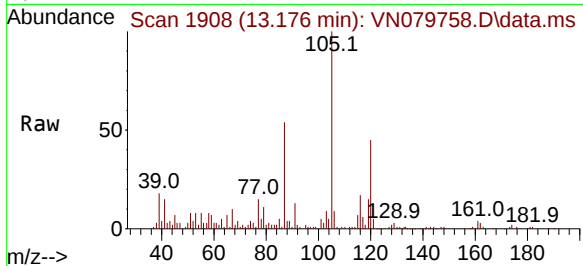




#80
 1,3,5-Trimethylbenzene
 Concen: 3.150 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

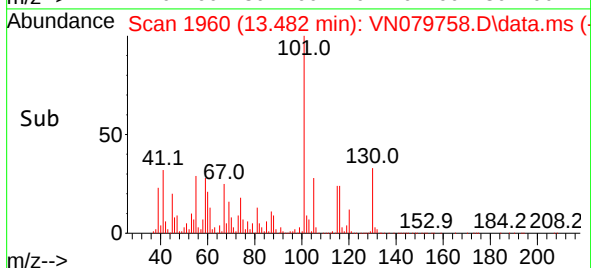
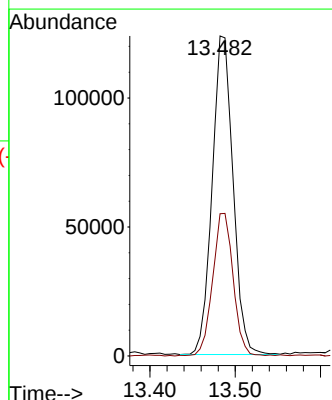
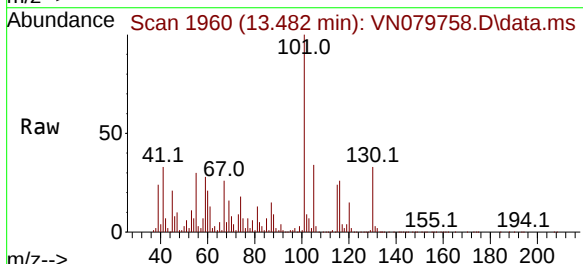
Instrument :
 MSVOA_N
 ClientSampleId :
 1051

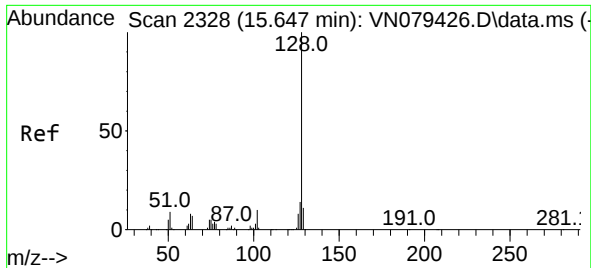
Tgt Ion:105 Resp: 67387
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 10.195 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

Tgt Ion:105 Resp: 210382
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#95

Naphthalene

Concen: 658.834 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079758.D

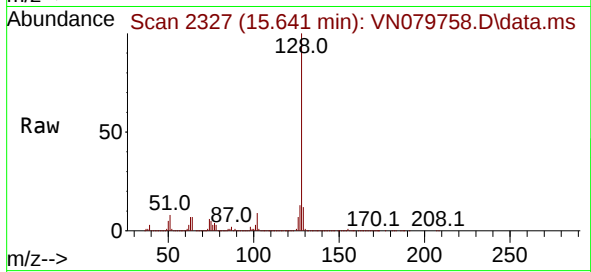
Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

1051



Tgt Ion:128 Resp: 5789147

Ion	Ratio	Lower	Upper
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128	100		
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127	13.1	10.0	15.0
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129	11.1	8.7	13.1
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