

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079502.D
 Acq On : 10 Oct 2023 18:49
 Operator : JC\MD
 Sample : 04813-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-19

Quant Time: Oct 11 06:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

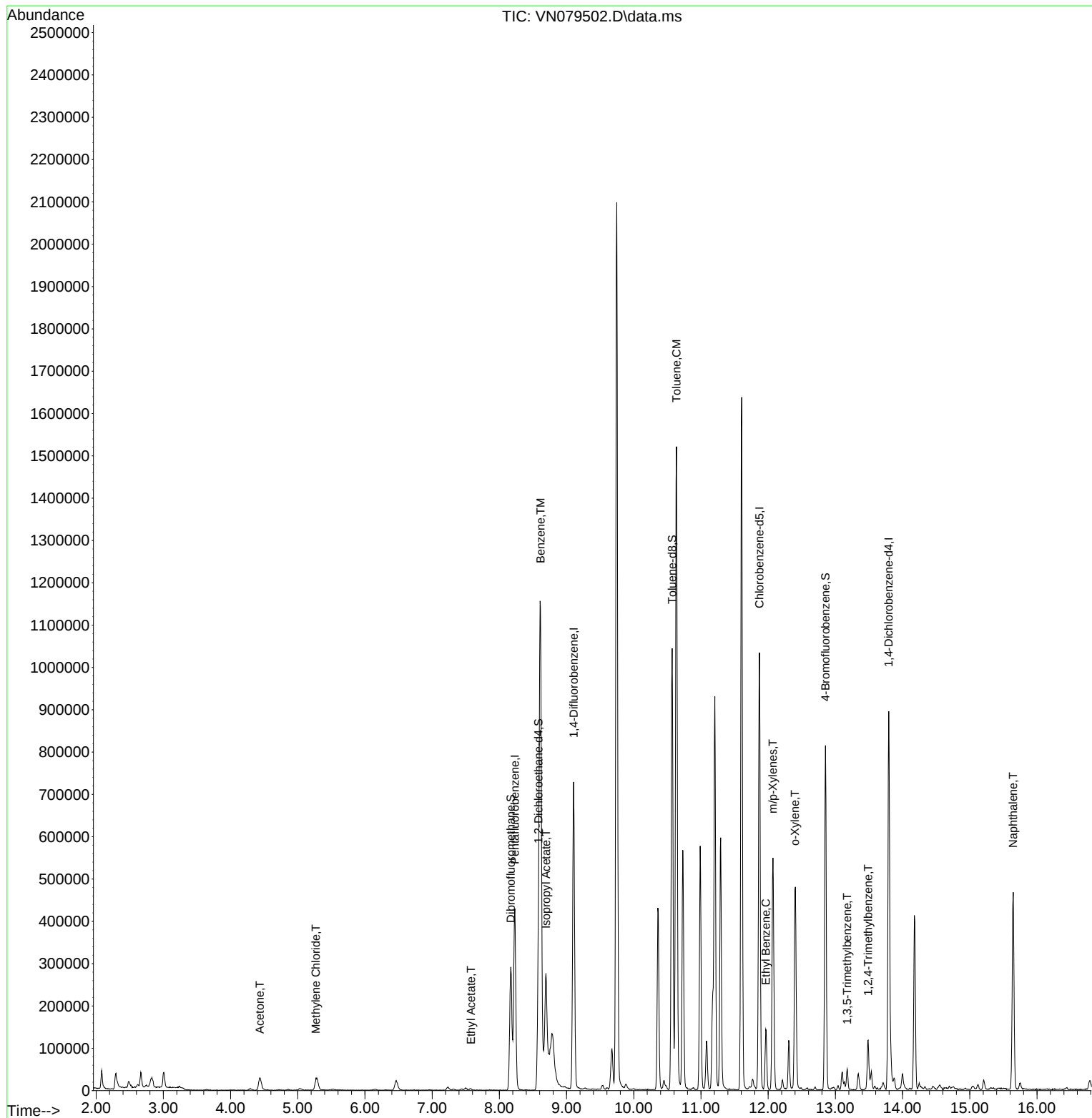
Internal Standards						
1) Pentafluorobenzene	8.230	168	306746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235958	47.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.880%		
35) Dibromofluoromethane	8.171	113	210693	48.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	10.571	98	718206	45.927	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.860%		
62) 4-Bromofluorobenzene	12.853	95	267926	53.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.780%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	58877	29.846	ug/l	89
20) Methylene Chloride	5.271	84	22251	4.604	ug/l	94
37) Ethyl Acetate	7.577	43	6770	1.049	ug/l #	81
40) Benzene	8.612	78	1123266	58.309	ug/l	99
43) Isopropyl Acetate	8.694	43	382606	33.836	ug/l #	69
52) Toluene	10.635	92	652325	57.527	ug/l	97
67) Ethyl Benzene	11.965	91	90617	3.983	ug/l	100
68) m/p-Xylenes	12.071	106	170816	20.664	ug/l	95
69) o-Xylene	12.400	106	118361	14.560	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	24463	1.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	70088	4.316	ug/l	95
95) Naphthalene	15.647	128	419247	54.152	ug/l	99

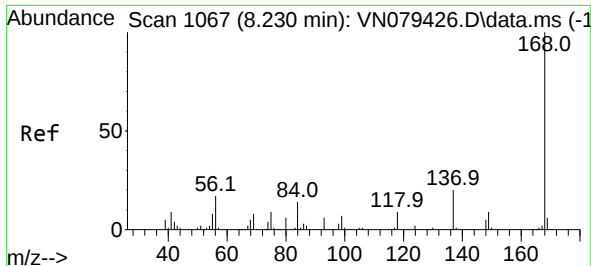
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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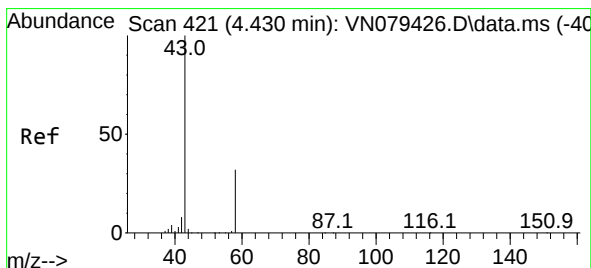
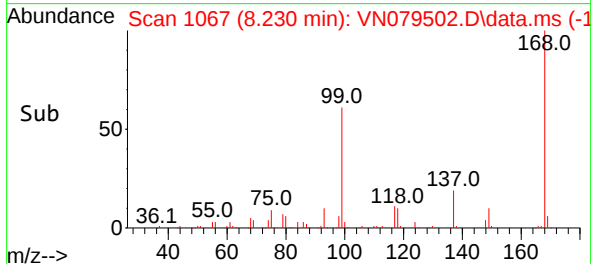
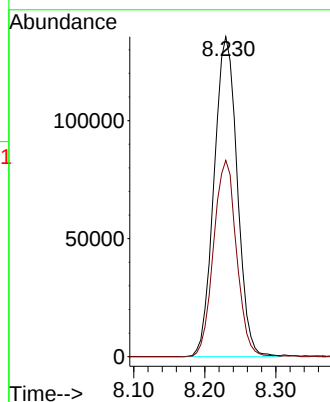
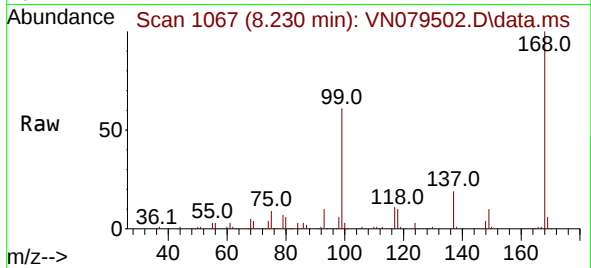




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

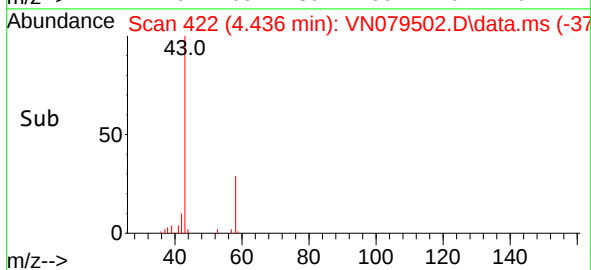
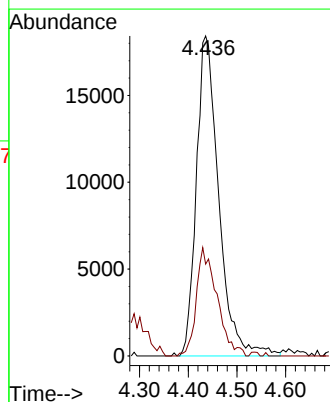
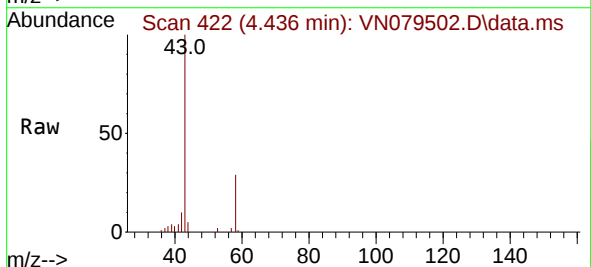
Instrument :
MSVOA_N
ClientSampleId :
SB-19

Tgt Ion:168 Resp: 306746
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 29.846 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 43 Resp: 58877
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

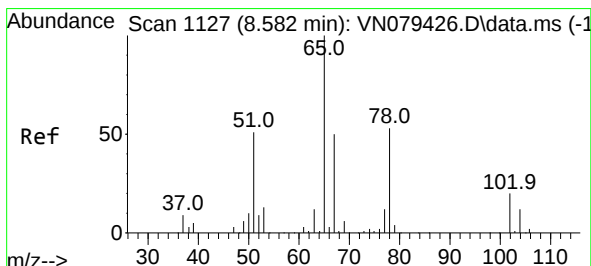
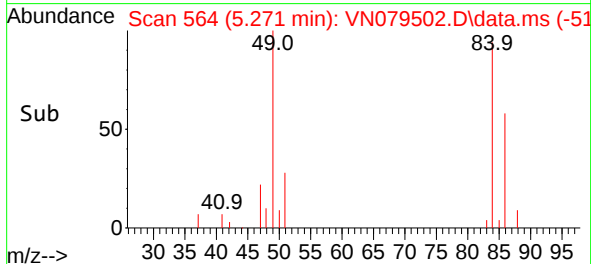
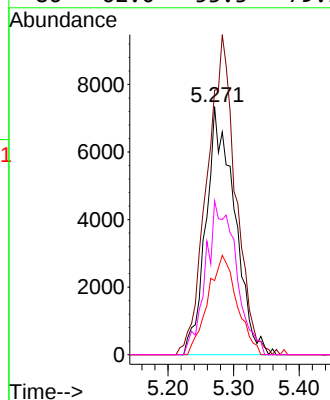
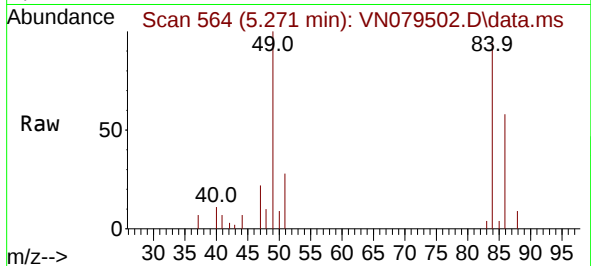




#20
Methylene Chloride
Concen: 4.604 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

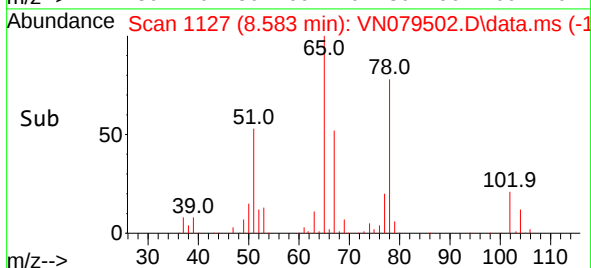
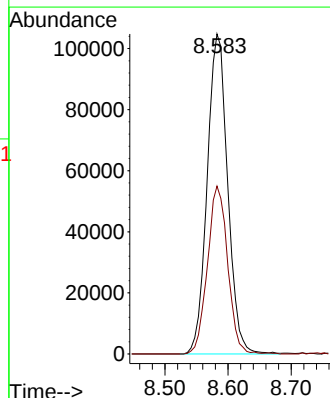
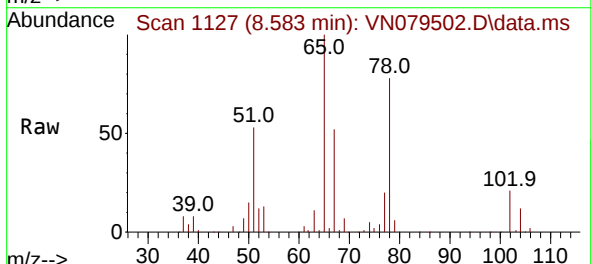
Instrument :
MSVOA_N
ClientSampleId :
SB-19

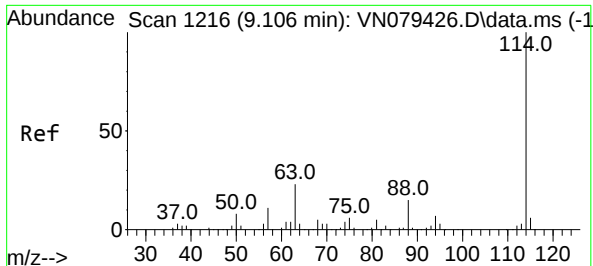
Tgt Ion: 84	Resp: 22251		
Ion	Ratio	Lower	Upper
84	100		
49	106.7	79.7	119.5
51	29.9	25.2	37.8
86	62.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 47.442 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 65	Resp: 235958
Ion Ratio	Lower Upper
65 100	
67 51.6	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079502.D

Acq: 10 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

SB-19

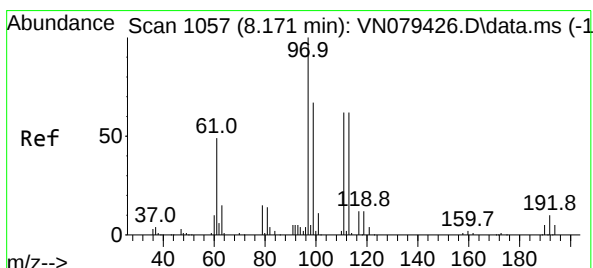
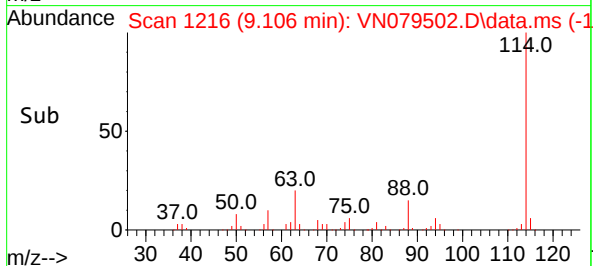
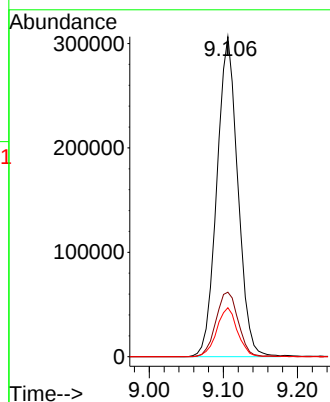
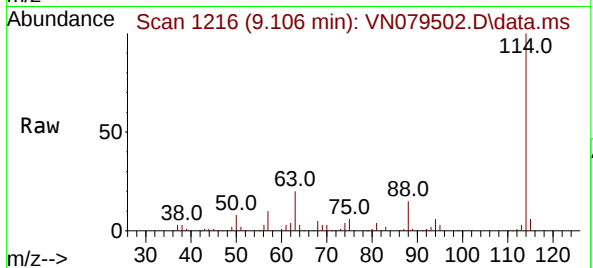
Tgt Ion:114 Resp: 601401

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.750 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079502.D

Acq: 10 Oct 2023 18:49

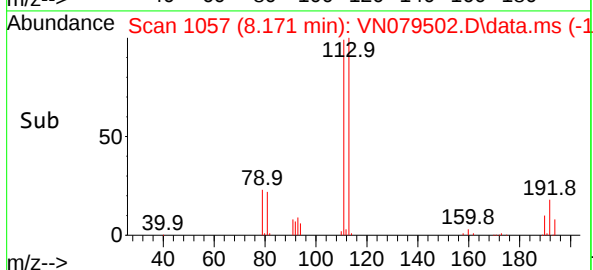
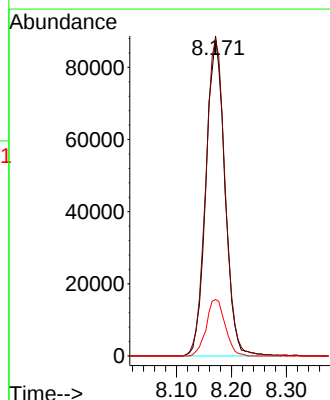
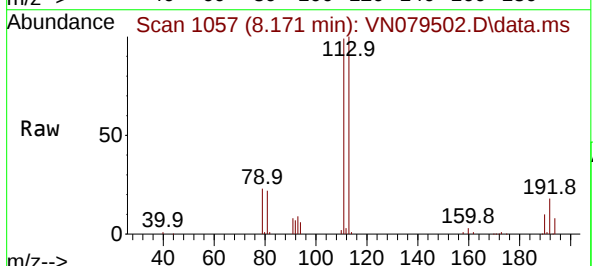
Tgt Ion:113 Resp: 210693

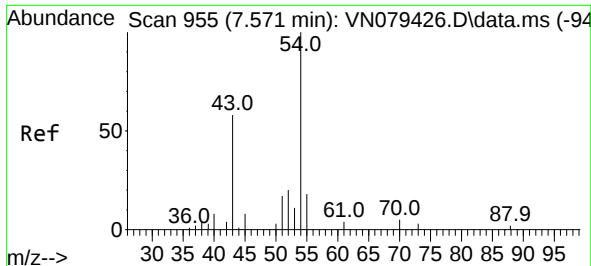
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.7 12.7 19.1

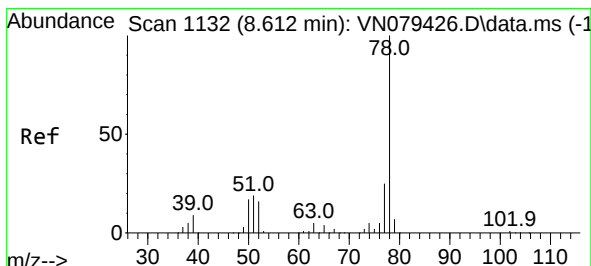
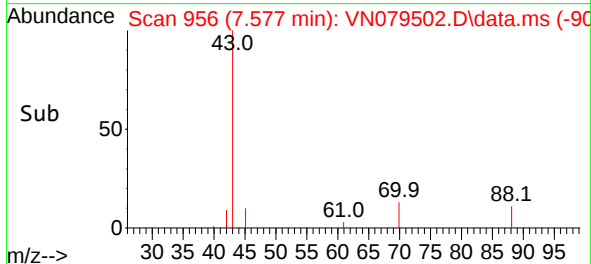
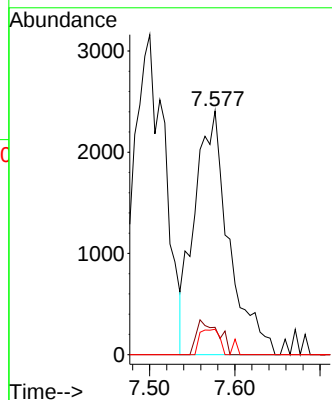
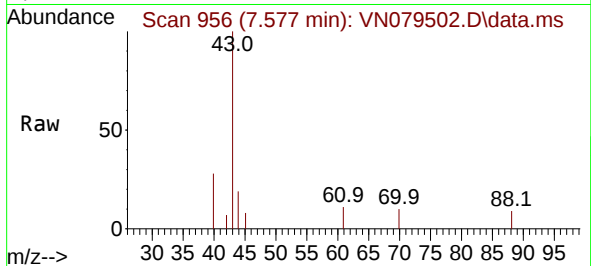




#37
Ethyl Acetate
Concen: 1.049 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

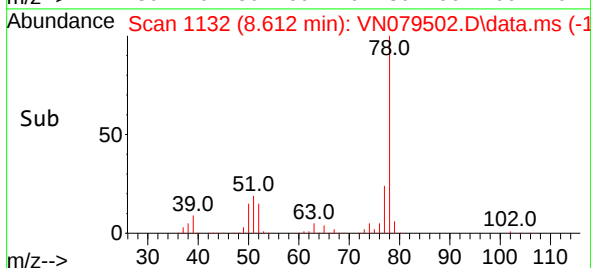
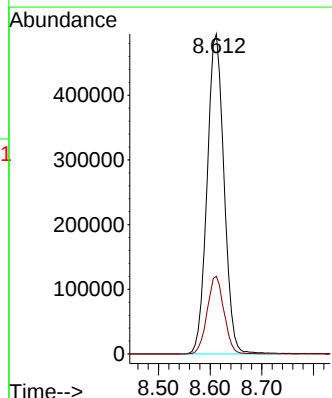
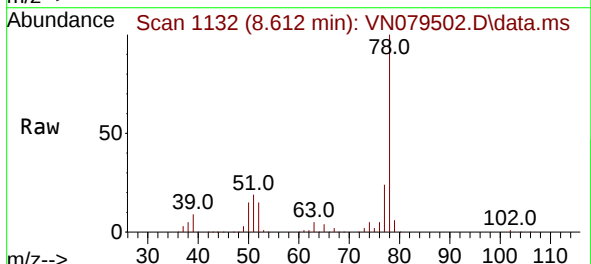
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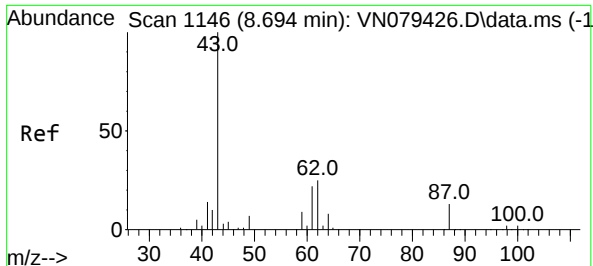
Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
61 9.0 13.2 19.8#
70 5.9 11.3 16.9#



#40
Benzene
Concen: 58.309 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 78 Resp: 1123266
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

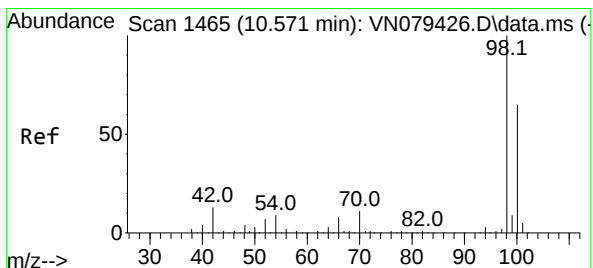
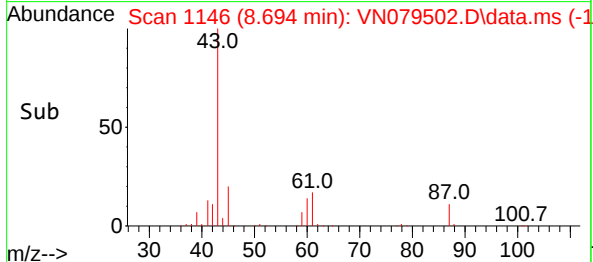
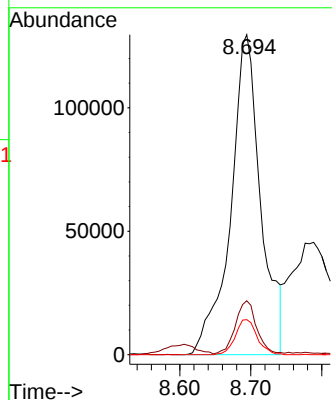
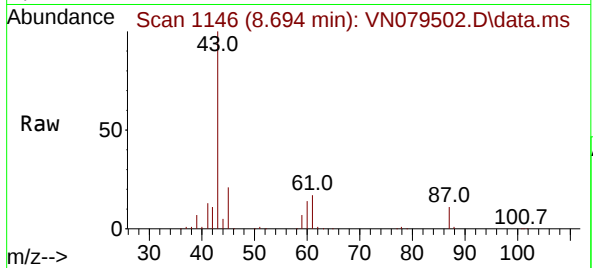




#43
Isopropyl Acetate
Concen: 33.836 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

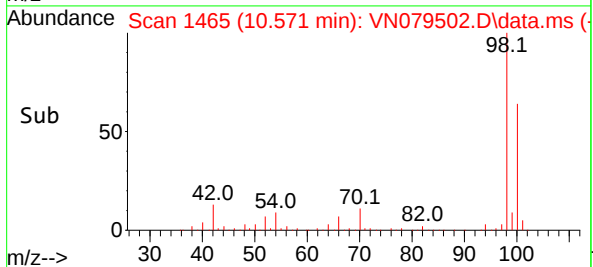
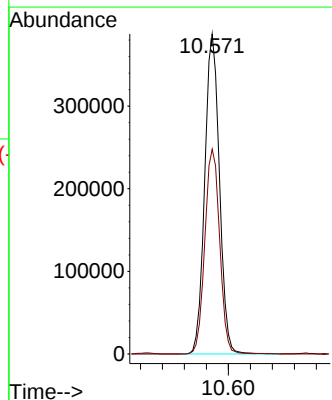
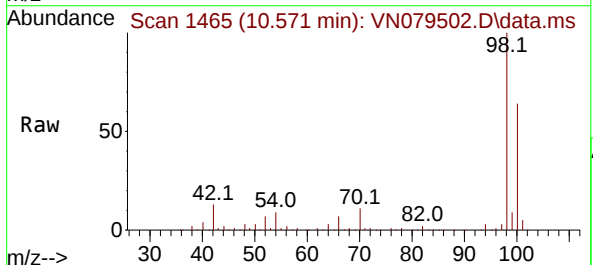
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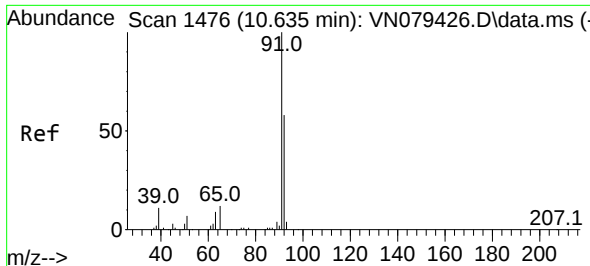
Tgt Ion: 43 Resp: 382606
Ion Ratio Lower Upper
43 100
61 11.7 24.7 37.1#
87 7.9 14.6 21.8#



#50
Toluene-d8
Concen: 45.927 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 98 Resp: 718206
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

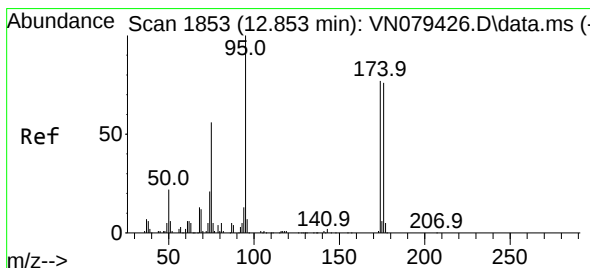
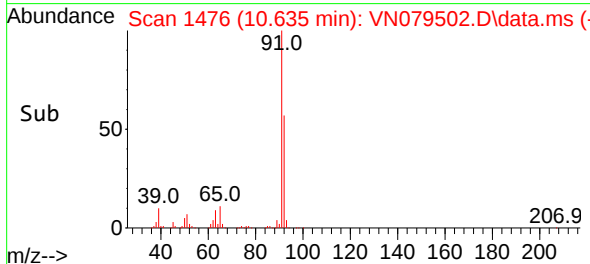
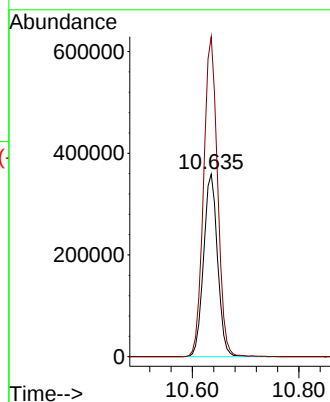
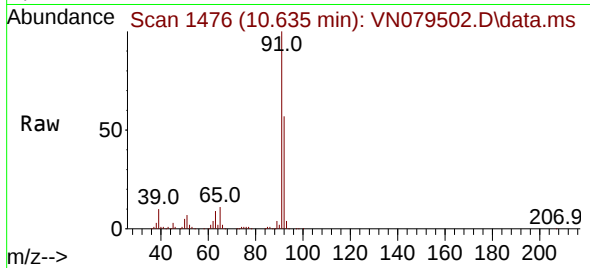




#52
Toluene
Concen: 57.527 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

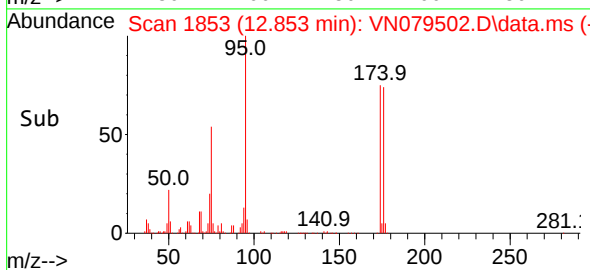
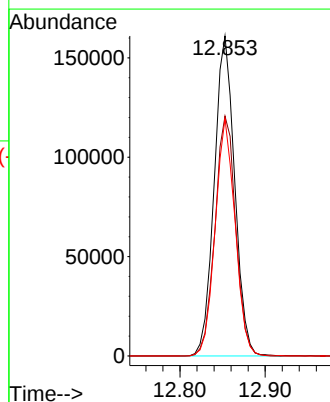
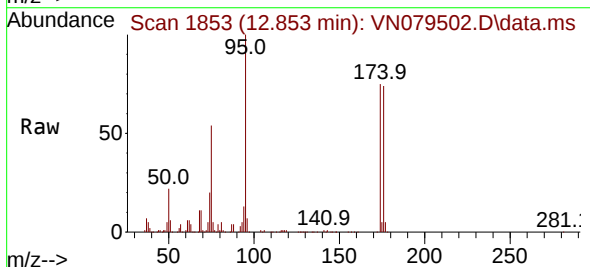
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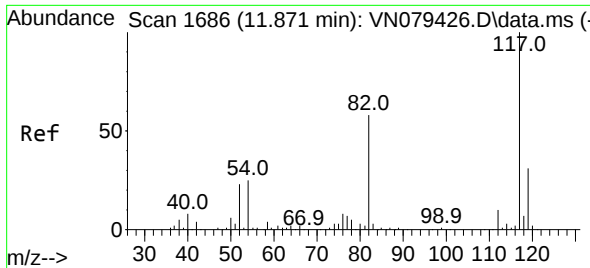
Tgt Ion: 92 Resp: 652325
Ion Ratio Lower Upper
92 100
91 175.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.388 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 95 Resp: 267926
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.2 0.0 135.8

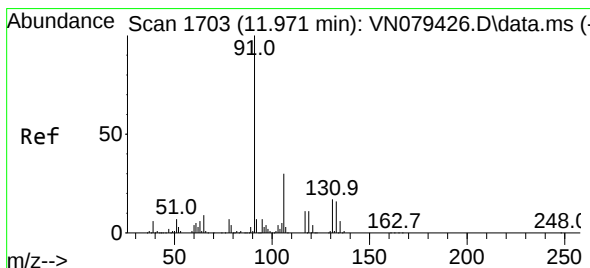
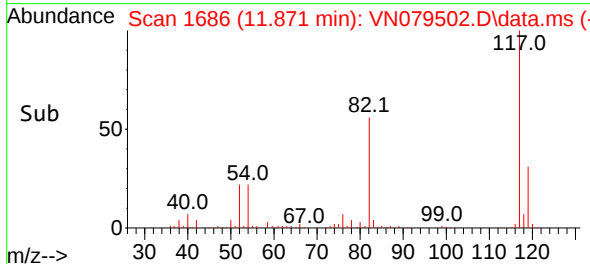
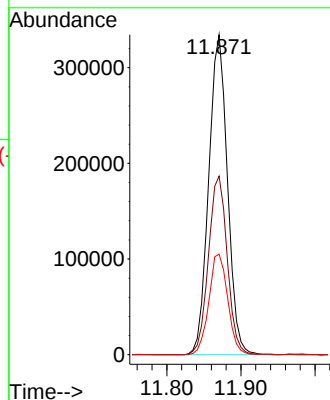
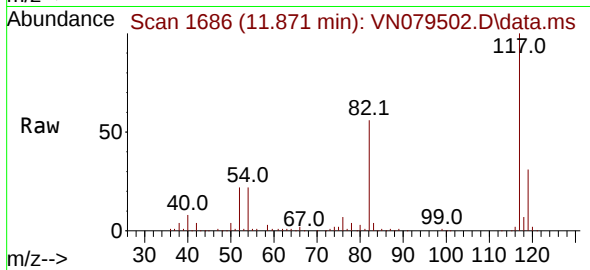




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

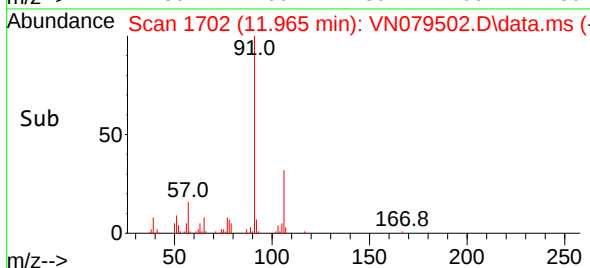
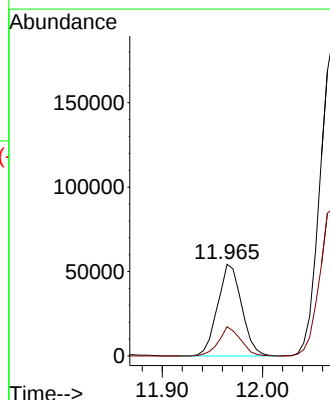
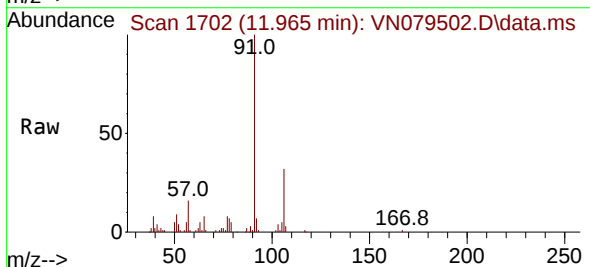
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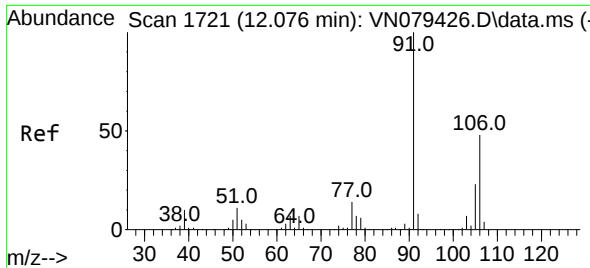
Tgt Ion:117 Resp: 587739
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.4 25.6 38.4



#67
Ethyl Benzene
Concen: 3.983 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 91 Resp: 90617
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

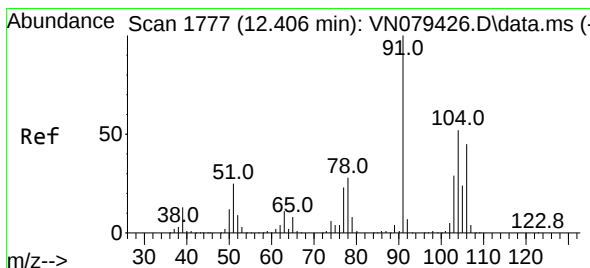
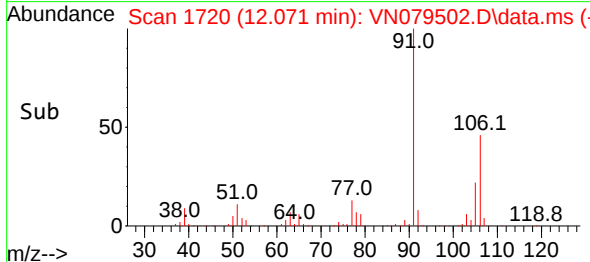
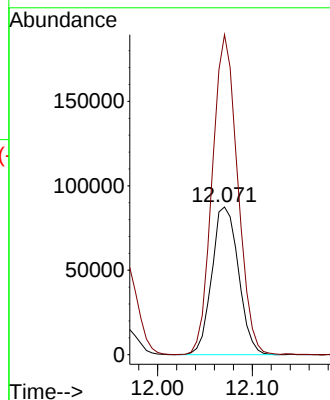
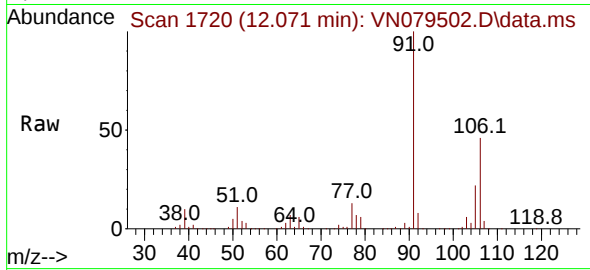




#68
m/p-Xylenes
Concen: 20.664 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

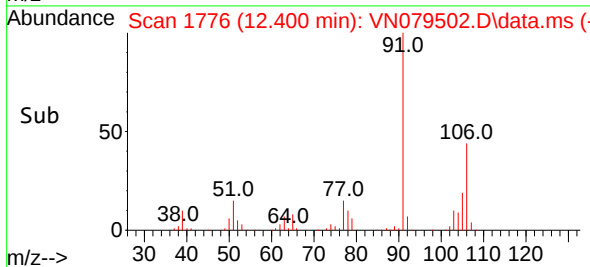
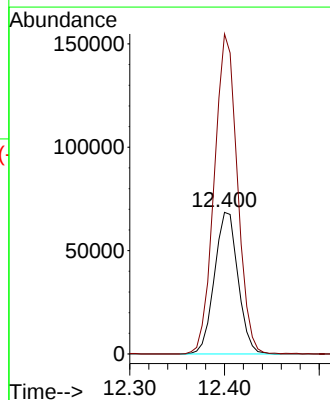
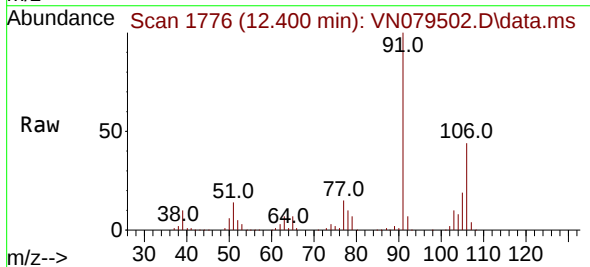
Instrument :
MSVOA_N
ClientSampleId :
SB-19

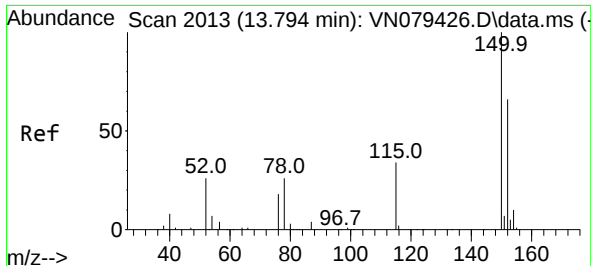
Tgt Ion:106 Resp: 170816
Ion Ratio Lower Upper
106 100
91 206.7 159.6 239.4



#69
o-Xylene
Concen: 14.560 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion:106 Resp: 118361
Ion Ratio Lower Upper
106 100
91 222.0 105.2 315.5

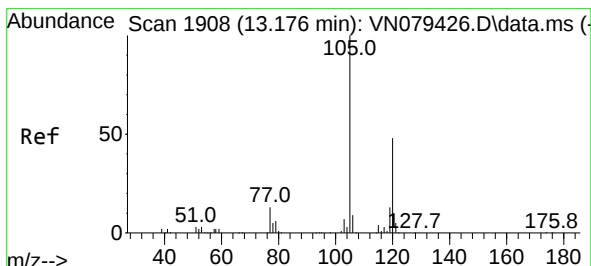
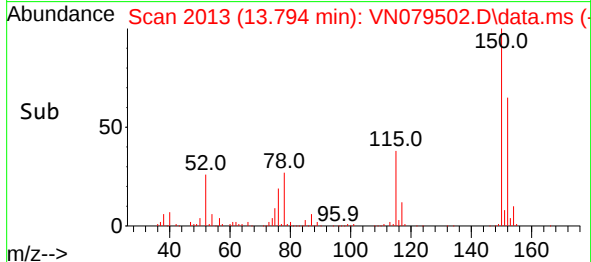
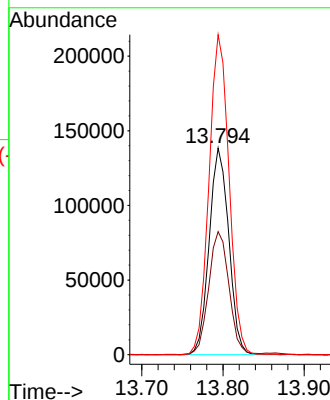
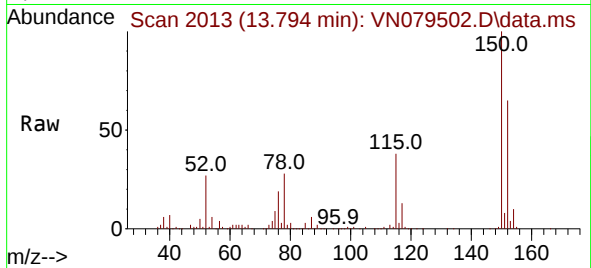




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079502.D
 Acq: 10 Oct 2023 18:49

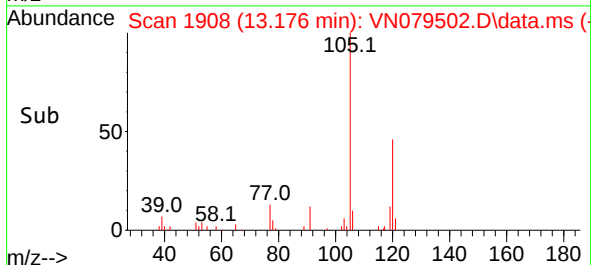
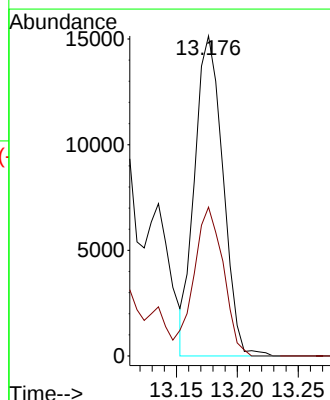
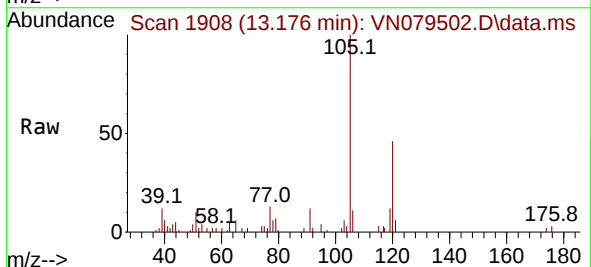
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-19

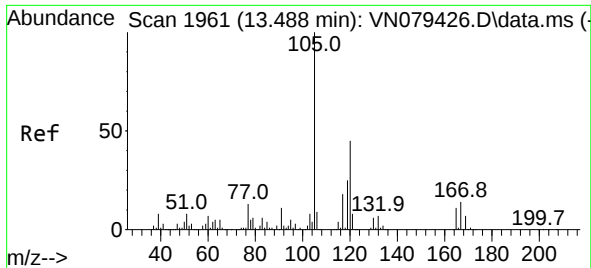
Tgt Ion:152 Resp: 231954
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 158.1 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.438 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079502.D
 Acq: 10 Oct 2023 18:49

Tgt Ion:105 Resp: 24463
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.3

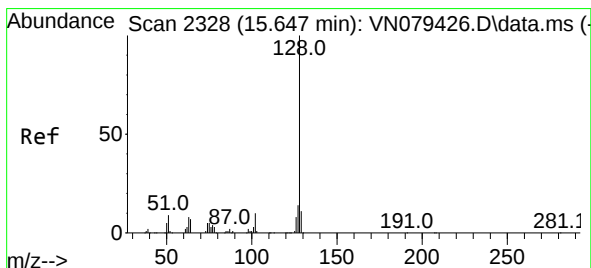
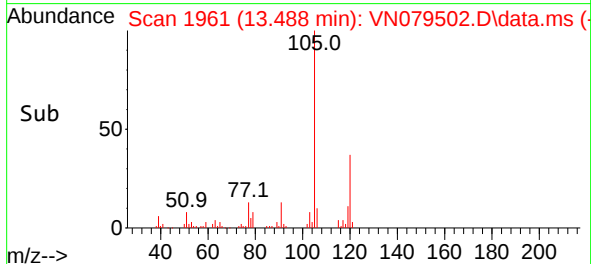
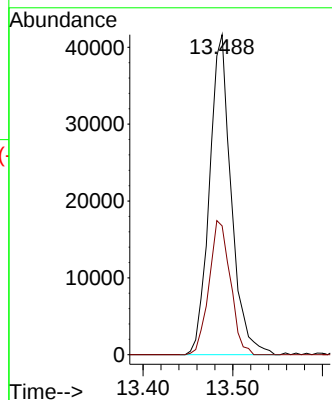
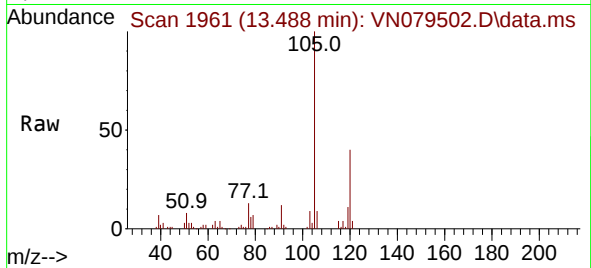




#84
1,2,4-Trimethylbenzene
Concen: 4.316 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
SB-19

Tgt Ion:105 Resp: 70088
Ion Ratio Lower Upper
105 100
120 41.0 22.0 66.0



#95
Naphthalene
Concen: 54.152 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079502.D
Acq: 10 Oct 2023 18:49

Tgt Ion:128 Resp: 419247
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

