

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079492.D
 Acq On : 10 Oct 2023 14:49
 Operator : JC\MD
 Sample : 04813-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-16

Quant Time: Oct 11 06:18:59 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)

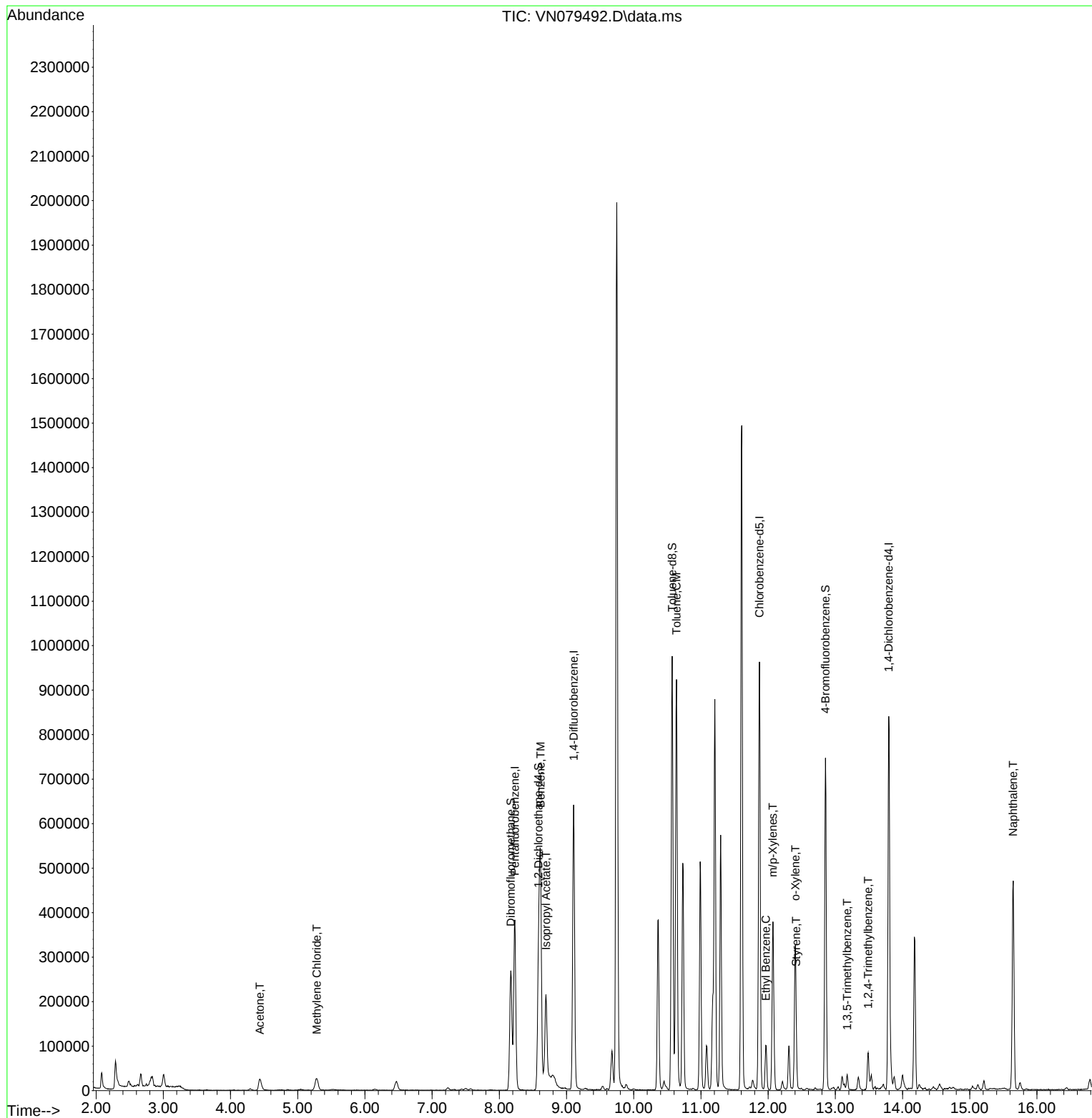
Internal Standards						
1) Pentafluorobenzene	8.230	168	266223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	535766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222366	51.514	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.020%	
35) Dibromofluoromethane	8.171	113	189701	49.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.320%	
50) Toluene-d8	10.571	98	650741	46.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.853	95	248645	55.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	49278	28.782	ug/l #	84
20) Methylene Chloride	5.283	84	20839	5.017	ug/l #	83
40) Benzene	8.612	78	495595	28.815	ug/l	99
43) Isopropyl Acetate	8.694	43	278707	27.606	ug/l #	72
52) Toluene	10.635	92	394275	38.944	ug/l	99
67) Ethyl Benzene	11.965	91	61858	2.983	ug/l #	87
68) m/p-Xylenes	12.071	106	113028	15.000	ug/l	93
69) o-Xylene	12.406	106	76542	10.329	ug/l	92
70) Styrene	12.418	104	41209	3.521	ug/l #	74
80) 1,3,5-Trimethylbenzene	13.176	105	16211	1.017	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	48680	3.202	ug/l	94
95) Naphthalene	15.647	128	411826	56.812	ug/l	100

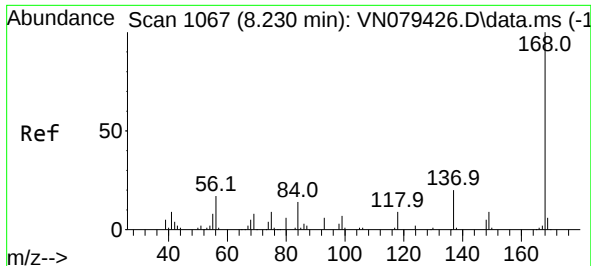
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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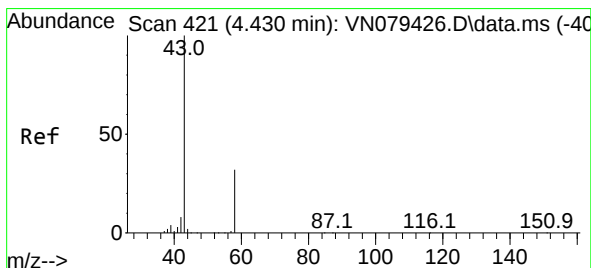
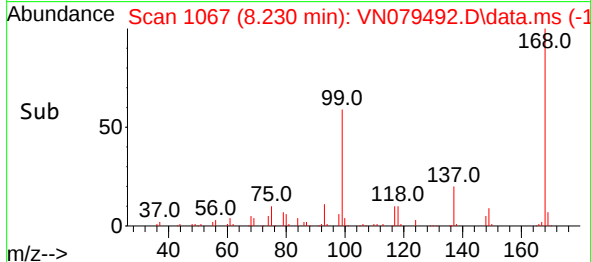
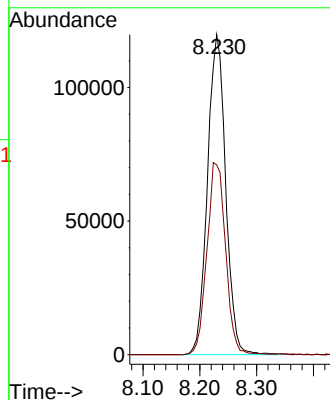
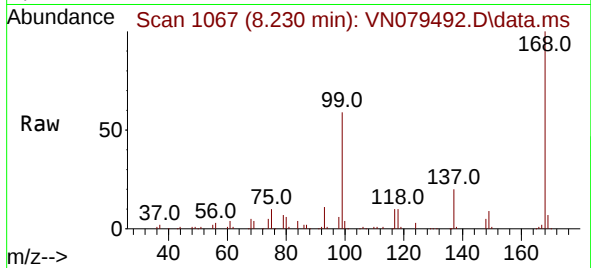




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

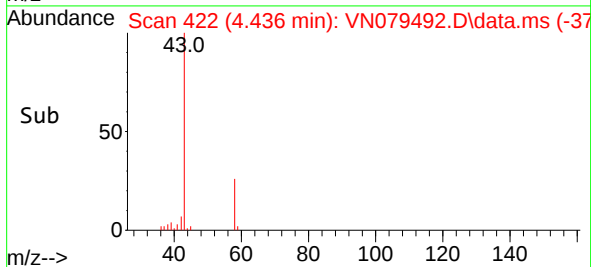
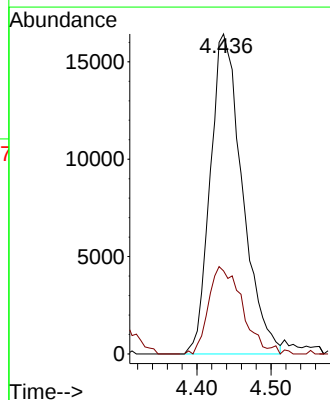
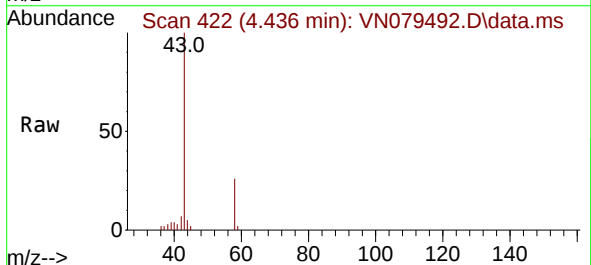
Instrument :
MSVOA_N
ClientSampleId :
SB-16

Tgt Ion:168 Resp: 266223
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#16
Acetone
Concen: 28.782 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 43 Resp: 49278
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#

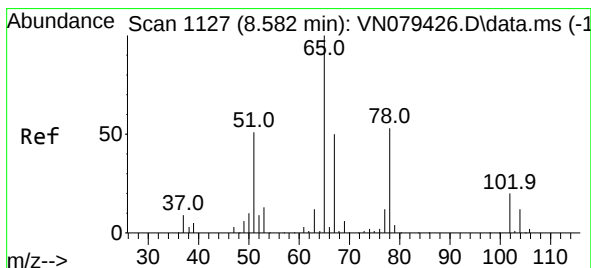
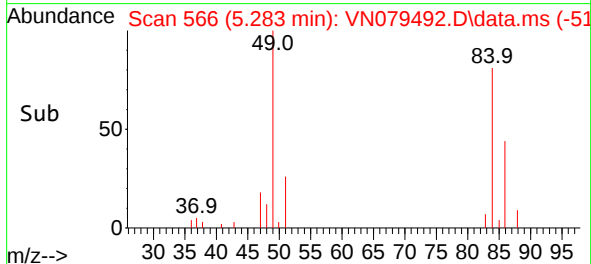
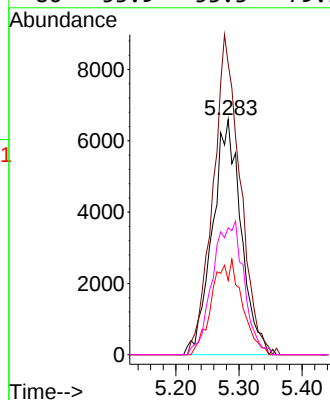
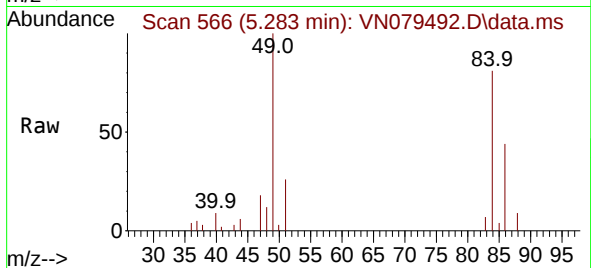




#20
Methylene Chloride
Concen: 5.017 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

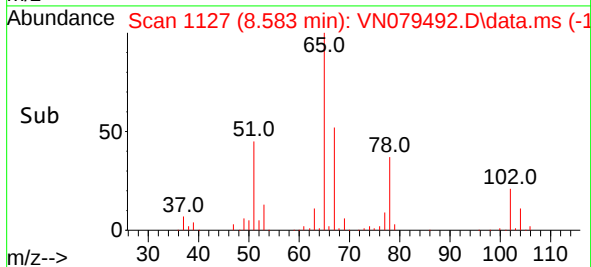
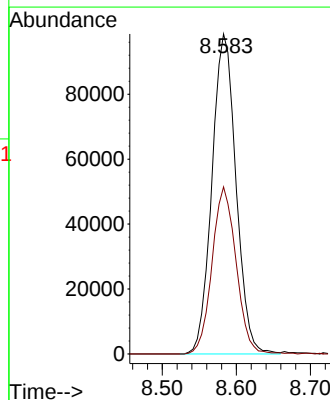
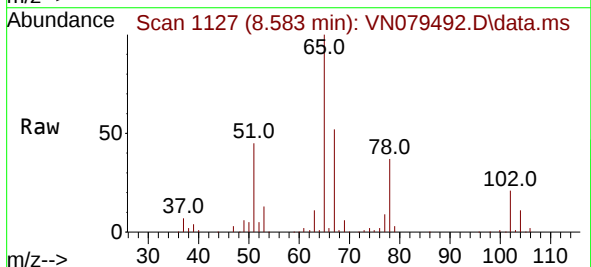
Instrument :
MSVOA_N
ClientSampleId :
SB-16

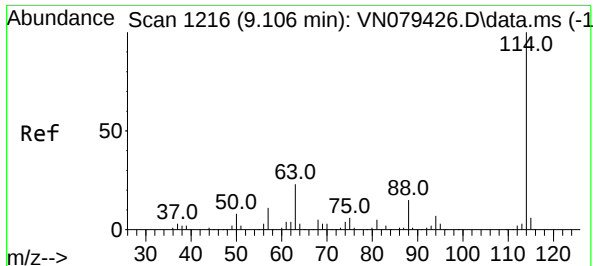
Tgt Ion:	84	Resp:	20839
Ion	Ratio	Lower	Upper
84	100		
49	123.5	79.7	119.5#
51	31.6	25.2	37.8
86	53.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 51.514 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:	65	Resp:	222366
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN079492.D

Acq: 10 Oct 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

SB-16

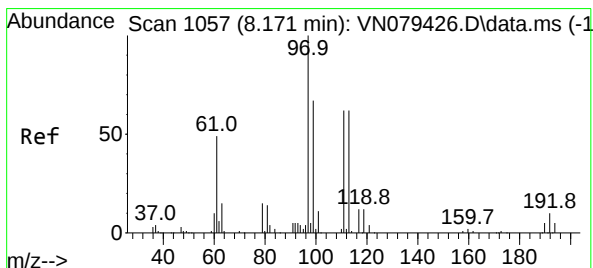
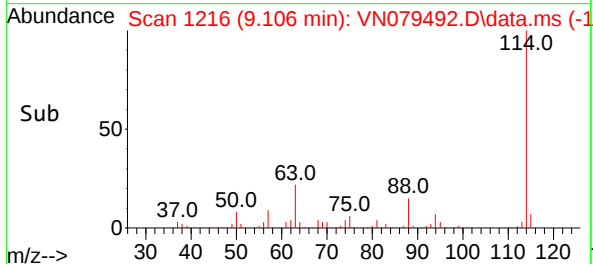
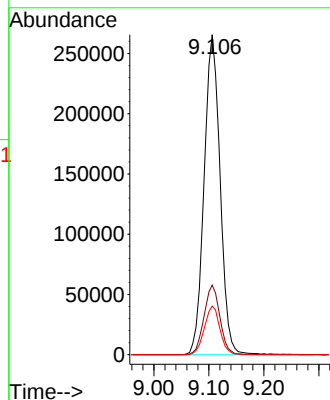
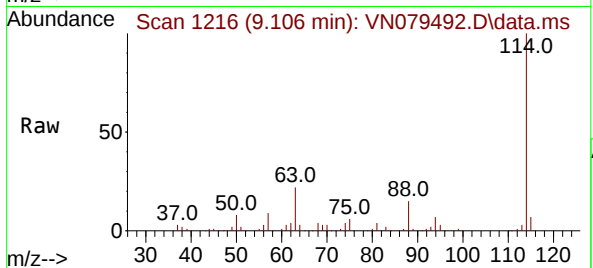
Tgt Ion:114 Resp: 536949

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.162 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079492.D

Acq: 10 Oct 2023 14:49

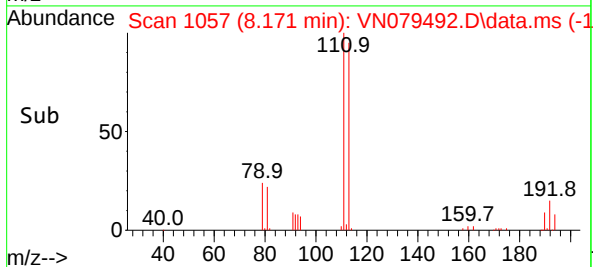
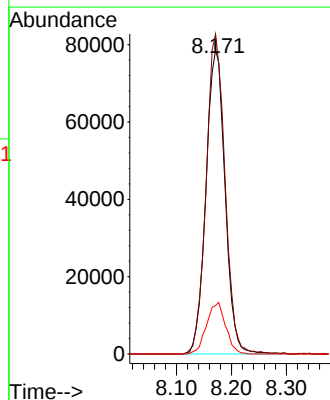
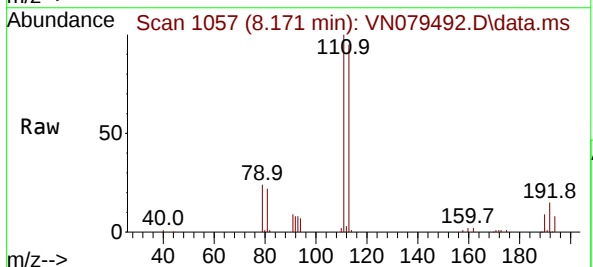
Tgt Ion:113 Resp: 189701

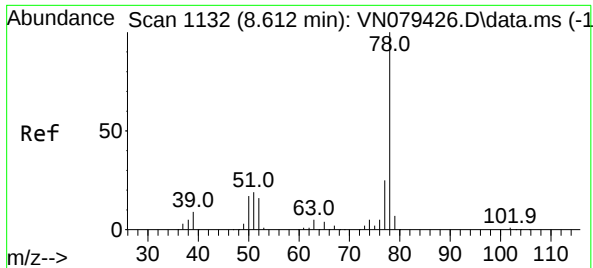
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.0 12.7 19.1

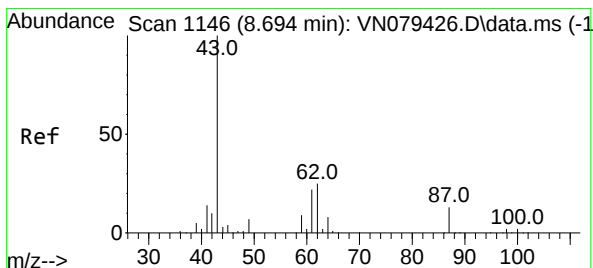
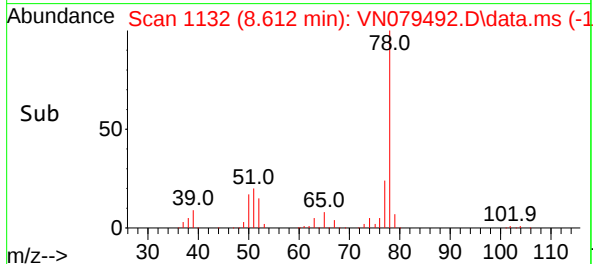
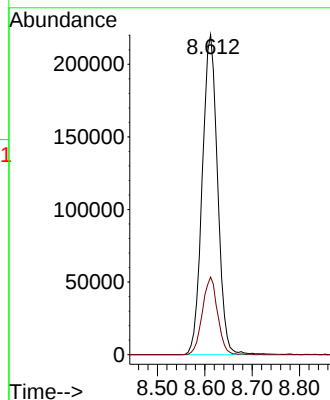
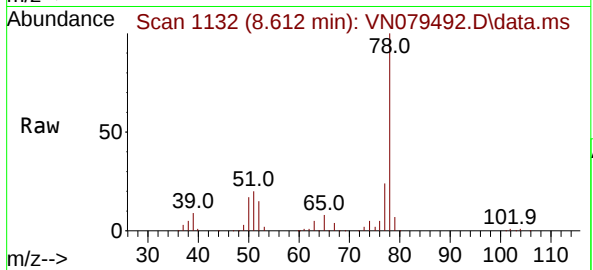




#40
Benzene
Concen: 28.815 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

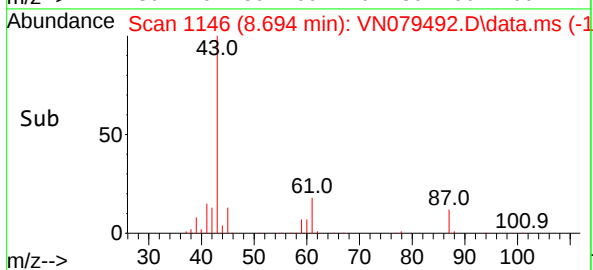
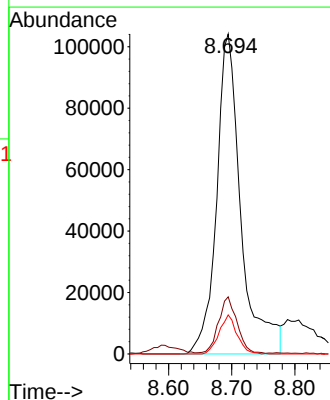
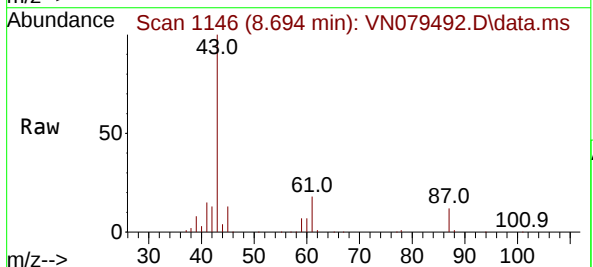
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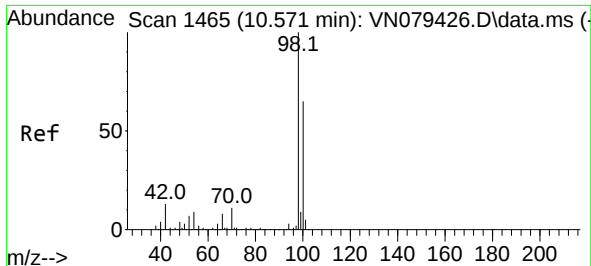
Tgt Ion: 78 Resp: 495595
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



#43
Isopropyl Acetate
Concen: 27.606 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 43 Resp: 278707
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 8.9 14.6 21.8#

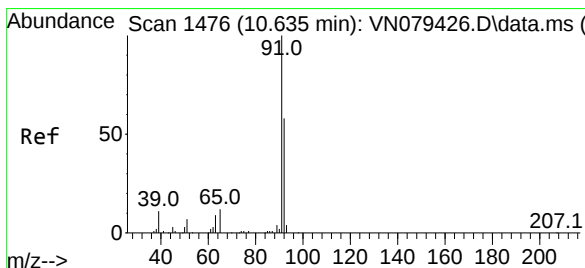
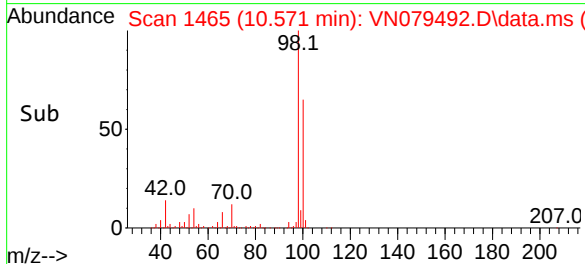
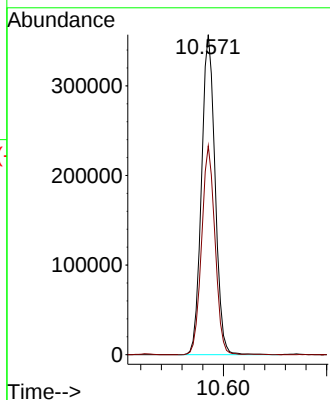
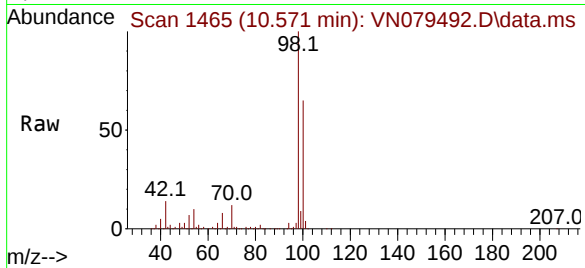




#50
Toluene-d8
Concen: 46.608 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

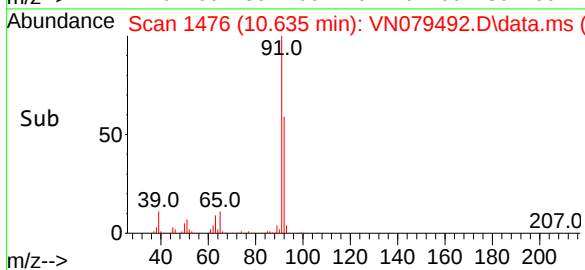
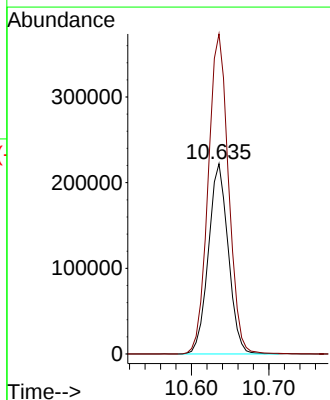
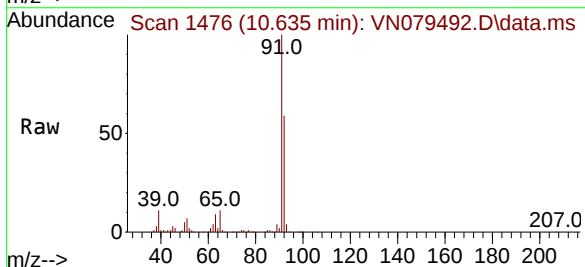
Instrument :
MSVOA_N
ClientSampleId :
SB-16

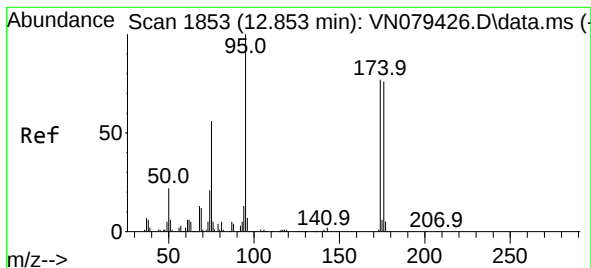
Tgt Ion: 98 Resp: 650741
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 38.944 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 92 Resp: 394275
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0

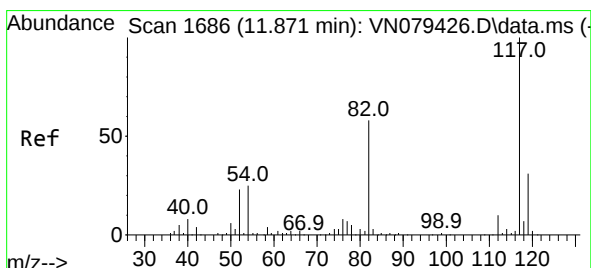
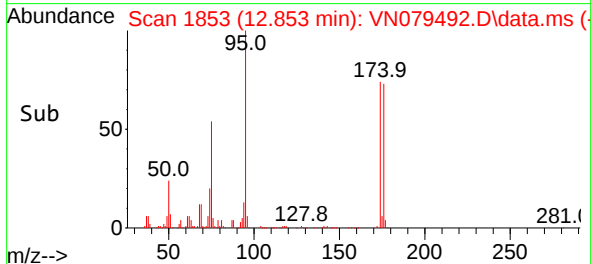
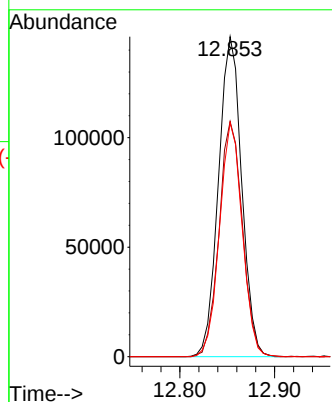
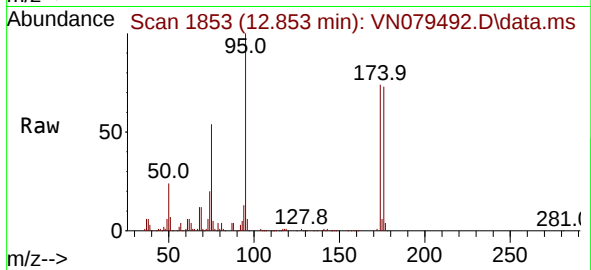




#62
4-Bromofluorobenzene
Concen: 55.493 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

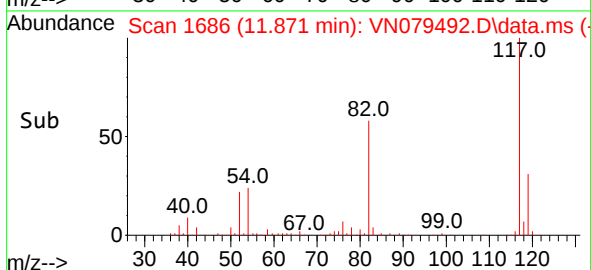
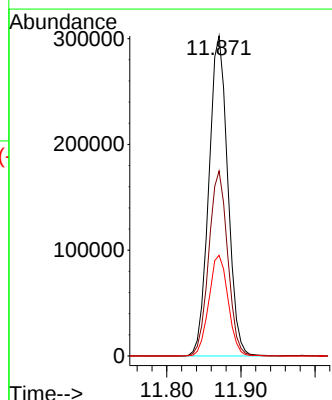
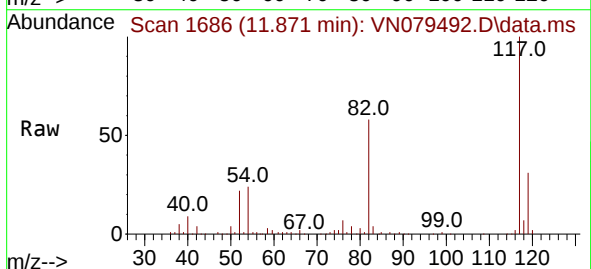
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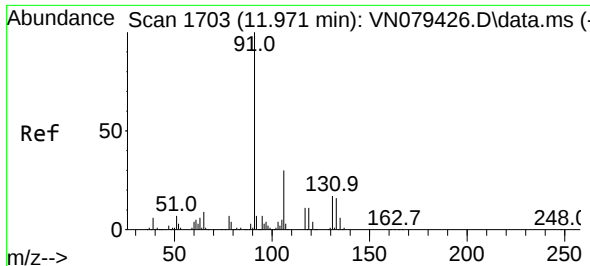
Tgt Ion: 95 Resp: 248645
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion: 117 Resp: 535766
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.5 25.6 38.4

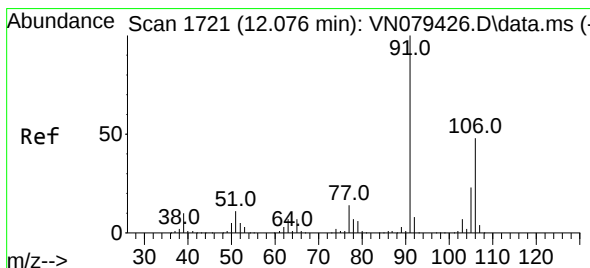
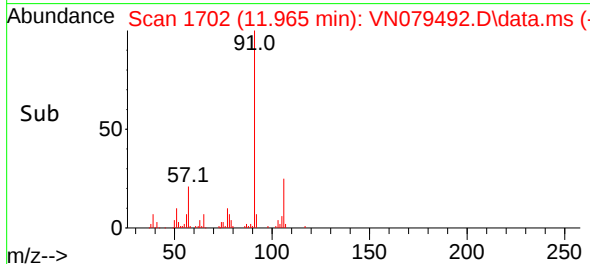
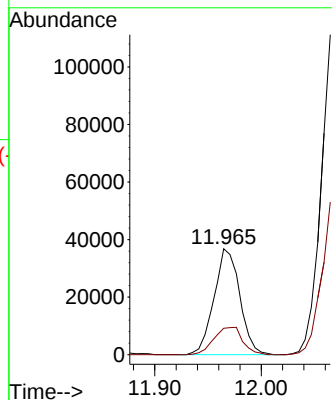
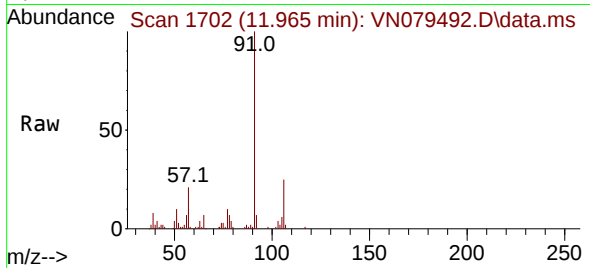




#67
Ethyl Benzene
Concen: 2.983 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

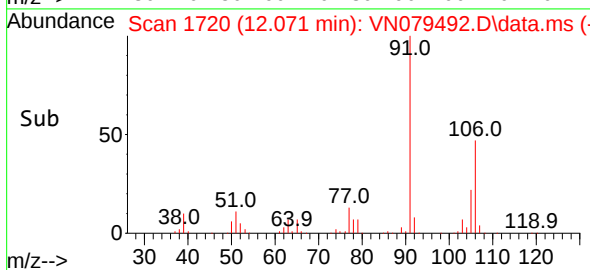
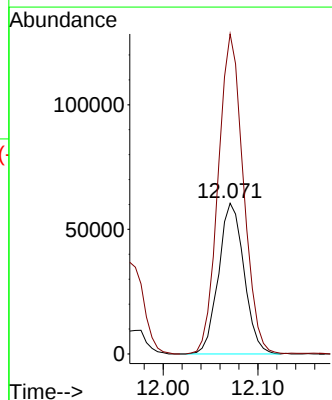
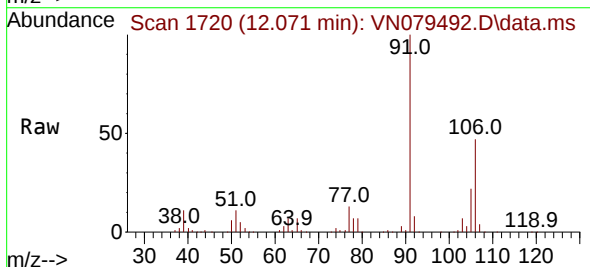
Instrument :
MSVOA_N
ClientSampleId :
SB-16

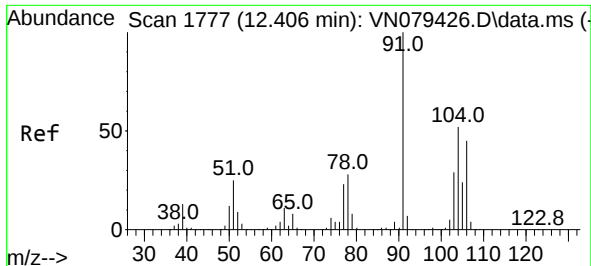
Tgt Ion: 91 Resp: 61858
Ion Ratio Lower Upper
91 100
106 24.9 25.6 38.4#



#68
m/p-Xylenes
Concen: 15.000 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:106 Resp: 113028
Ion Ratio Lower Upper
106 100
91 209.9 159.6 239.4

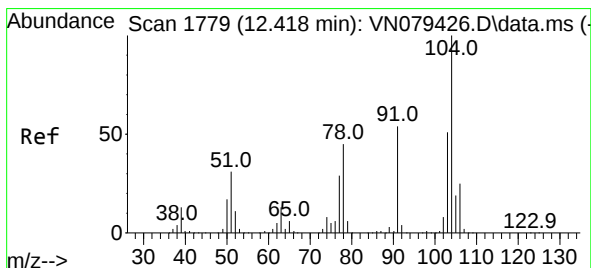
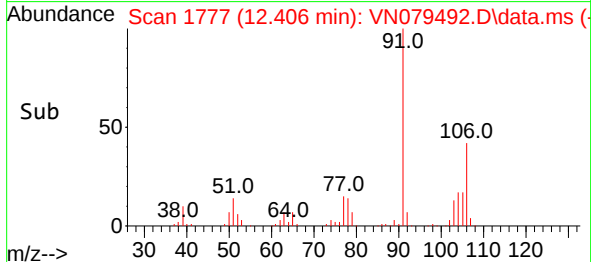
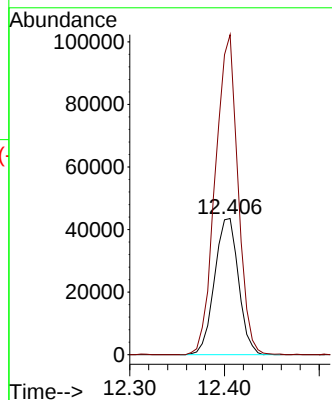
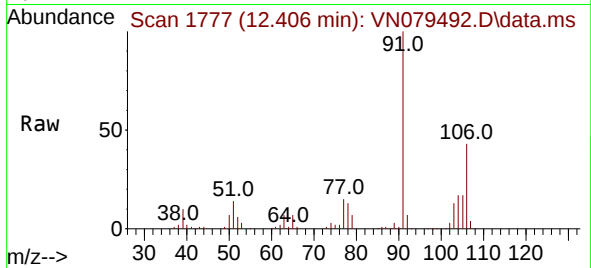




#69
o-Xylene
Concen: 10.329 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

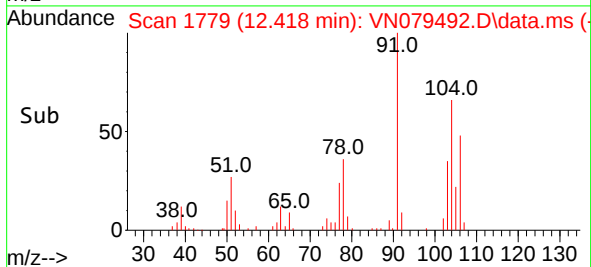
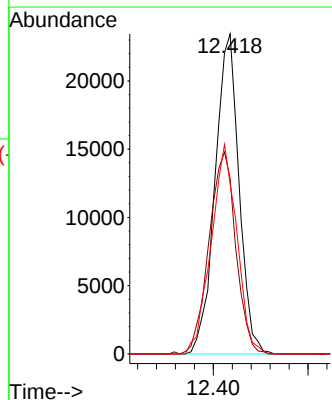
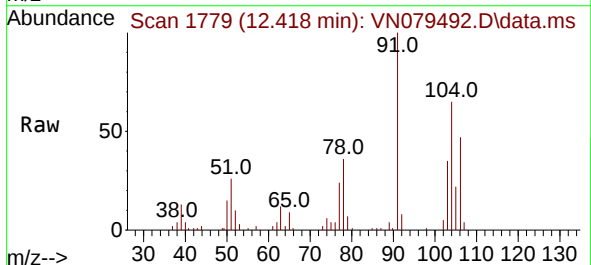
Instrument :
MSVOA_N
ClientSampleId :
SB-16

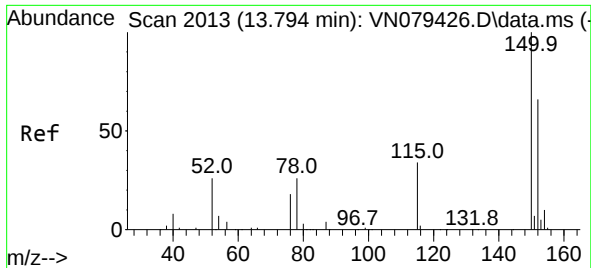
Tgt Ion:106 Resp: 76542
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5



#70
Styrene
Concen: 3.521 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:104 Resp: 41209
Ion Ratio Lower Upper
104 100
78 70.4 39.5 59.3#
103 70.2 43.2 64.8#

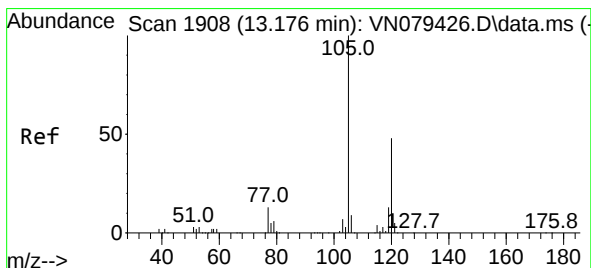
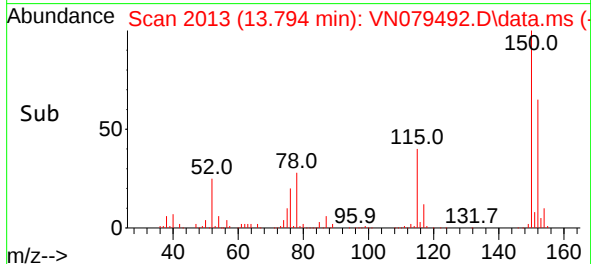
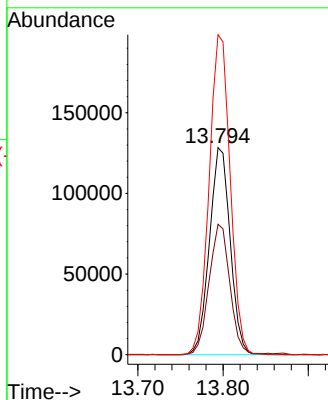
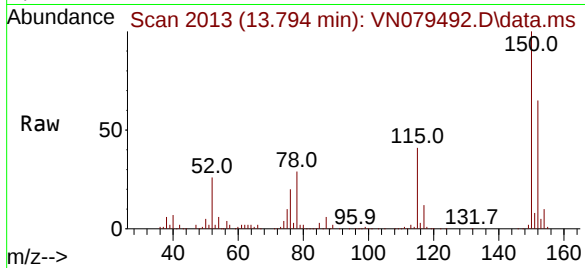




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

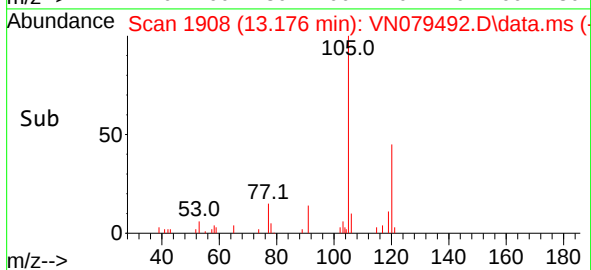
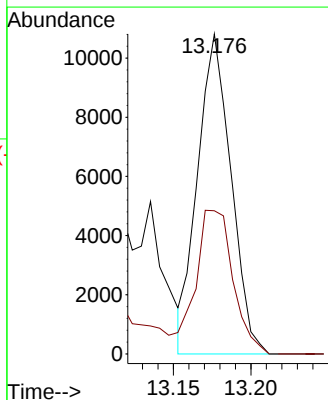
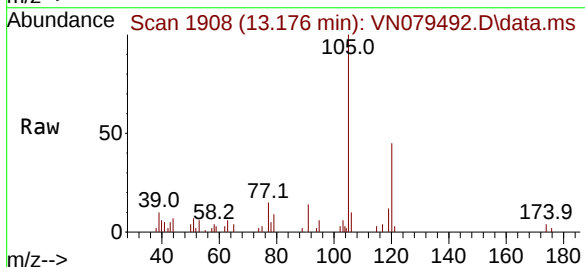
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-16

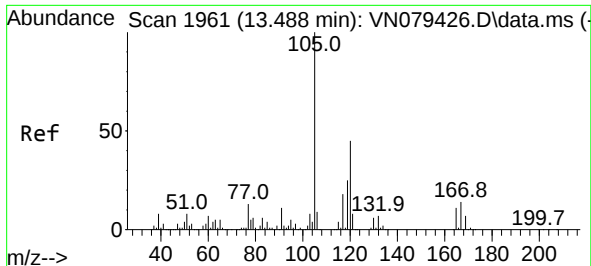
Tgt Ion:152 Resp: 217181
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 156.5 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.017 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079492.D
 Acq: 10 Oct 2023 14:49

Tgt Ion:105 Resp: 16211
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.1 72.3

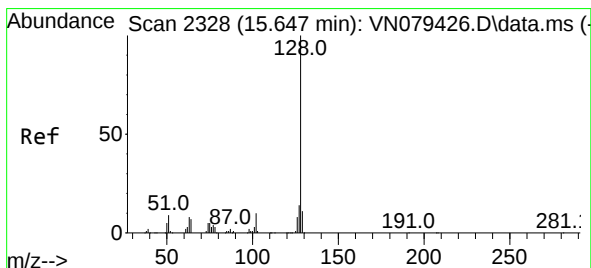
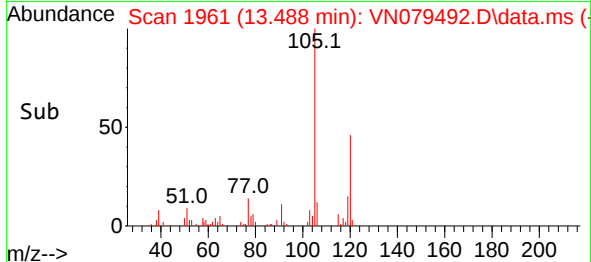
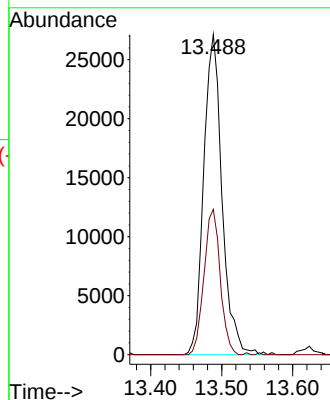
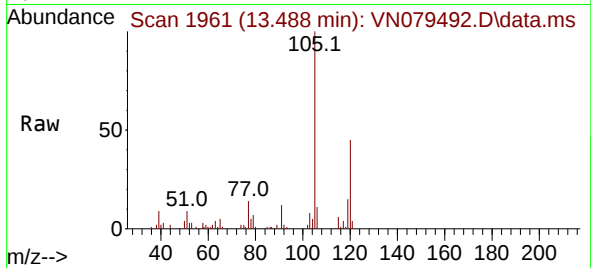




#84
1,2,4-Trimethylbenzene
Concen: 3.202 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
SB-16

Tgt Ion:105 Resp: 48680
Ion Ratio Lower Upper
105 100
120 40.2 22.0 66.0



#95
Naphthalene
Concen: 56.812 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079492.D
Acq: 10 Oct 2023 14:49

Tgt Ion:128 Resp: 411826
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

