

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079493.D
 Acq On : 10 Oct 2023 15:13
 Operator : JC\MD
 Sample : 04813-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-17

Quant Time: Oct 11 06:19:29 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)

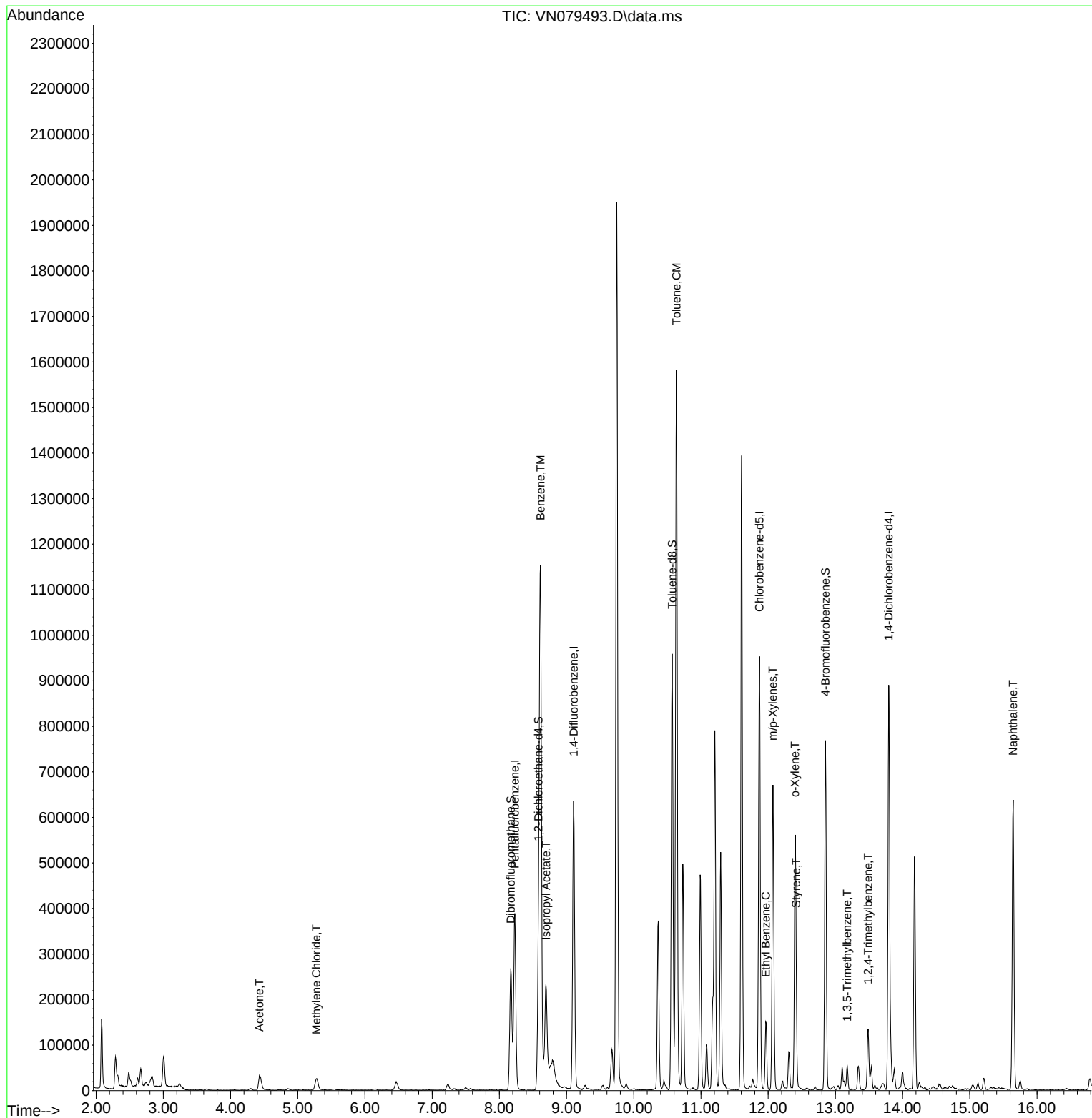
Internal Standards						
1) Pentafluorobenzene	8.230	168	267998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218917	50.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	8.171	113	188682	49.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.020%	
50) Toluene-d8	10.571	98	648025	46.522	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.040%	
62) 4-Bromofluorobenzene	12.853	95	248043	55.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	62455	36.237	ug/l	92
20) Methylene Chloride	5.277	84	20082	4.776	ug/l #	82
40) Benzene	8.612	78	1122815	65.434	ug/l	99
43) Isopropyl Acetate	8.694	43	303206	30.103	ug/l #	72
52) Toluene	10.635	92	673251	66.654	ug/l	99
67) Ethyl Benzene	11.965	91	97615	4.669	ug/l	90
68) m/p-Xylenes	12.070	106	197101	25.945	ug/l	96
69) o-Xylene	12.400	106	136119	18.219	ug/l	92
70) Styrene	12.418	104	58925	4.993	ug/l #	64
80) 1,3,5-Trimethylbenzene	13.176	105	26136	1.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	77545	4.904	ug/l	98
95) Naphthalene	15.647	128	552259	73.258	ug/l	99

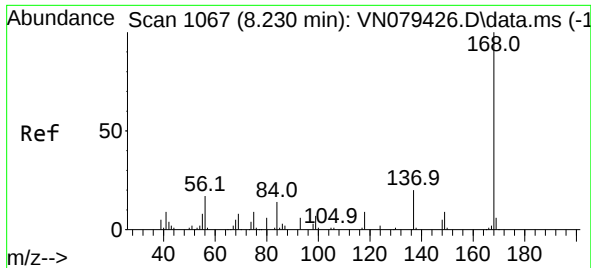
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
Data File : VN079493.D
Acq On : 10 Oct 2023 15:13
Operator : JC\MD
Sample : 04813-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-17

Quant Time: Oct 11 06:19:29 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

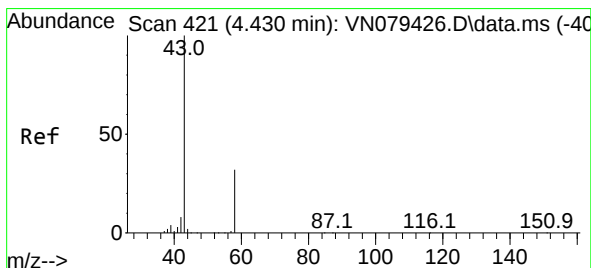
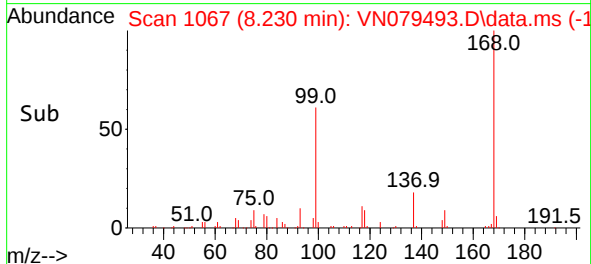
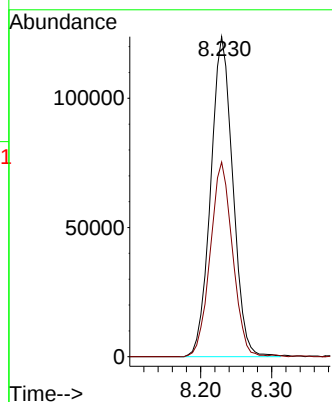
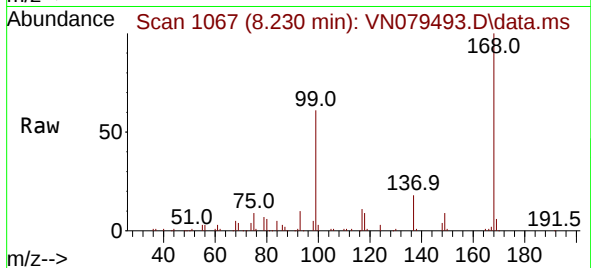




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

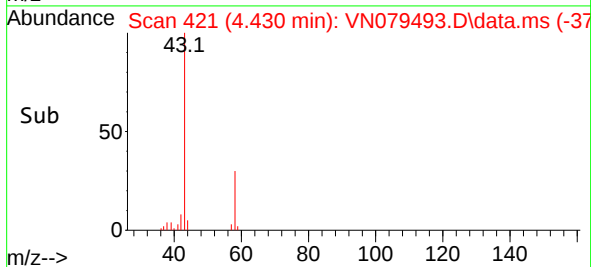
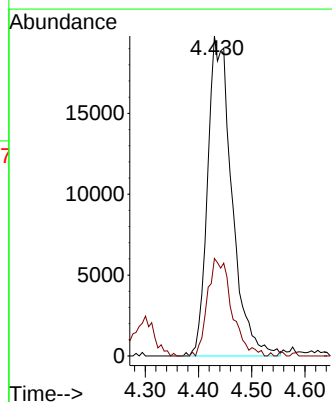
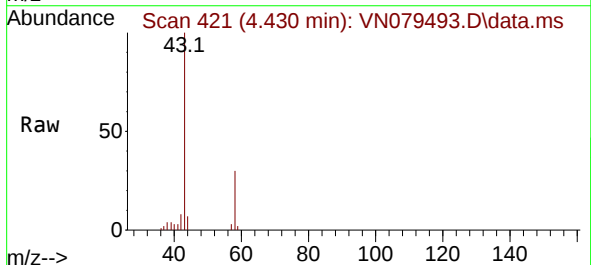
Instrument :
MSVOA_N
ClientSampleId :
SB-17

Tgt Ion:168 Resp: 267998
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 36.237 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion: 43 Resp: 62455
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0

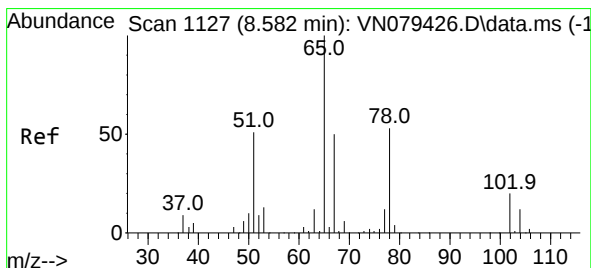
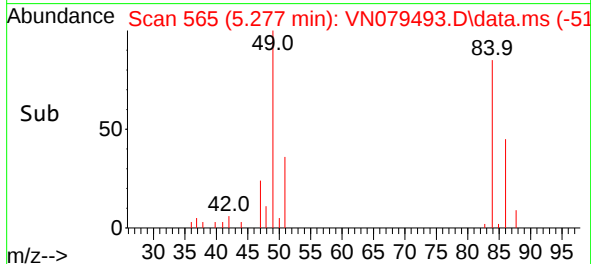
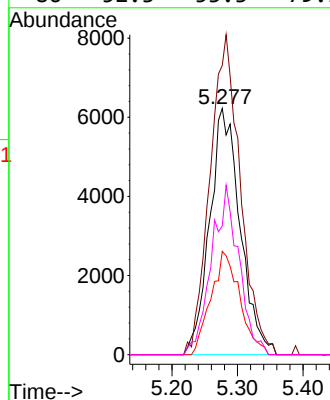
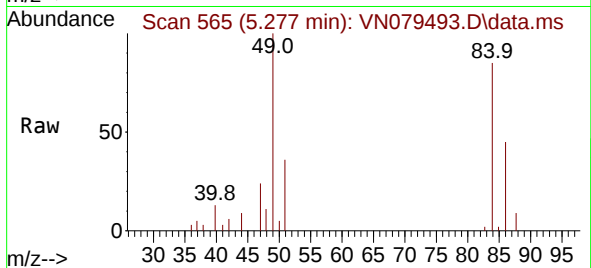




#20
Methylene Chloride
Concen: 4.776 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

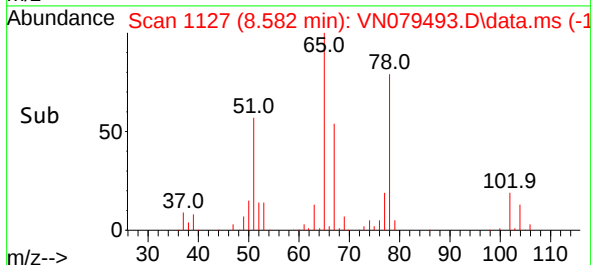
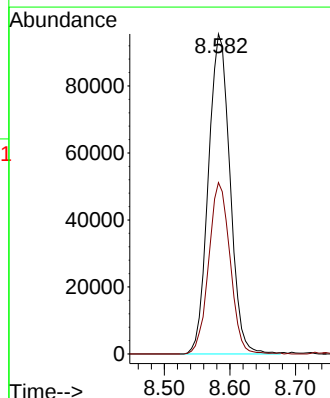
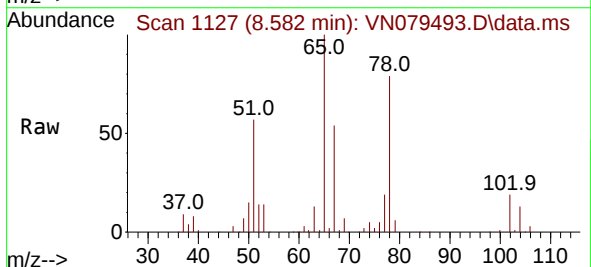
Instrument :
MSVOA_N
ClientSampleId :
SB-17

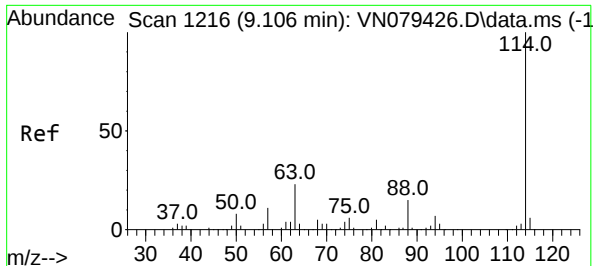
Tgt Ion: 84	Resp: 20082
Ion Ratio	Lower Upper
84 100	
49 117.5	79.7 119.5
51 42.0	25.2 37.8#
86 52.3	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 50.379 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion: 65	Resp: 218917
Ion Ratio	Lower Upper
65 100	
67 52.6	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: VN079493.D

Acq: 10 Oct 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

SB-17

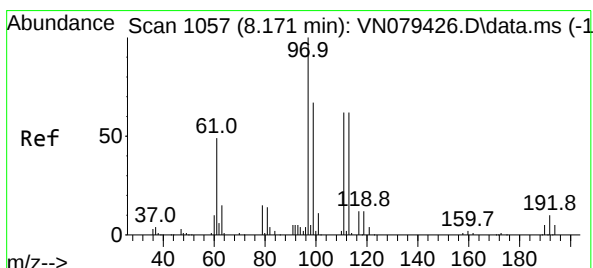
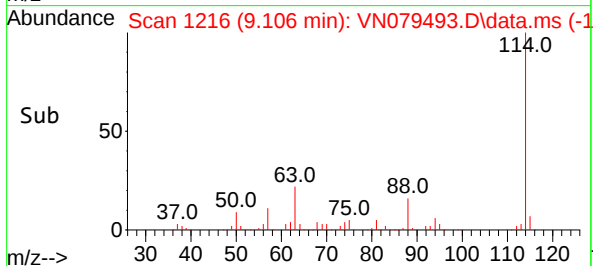
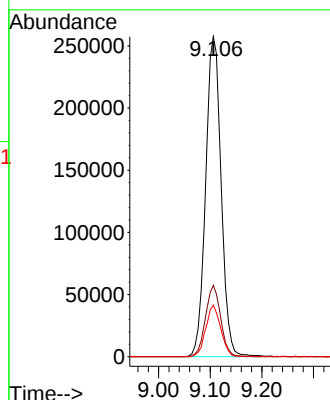
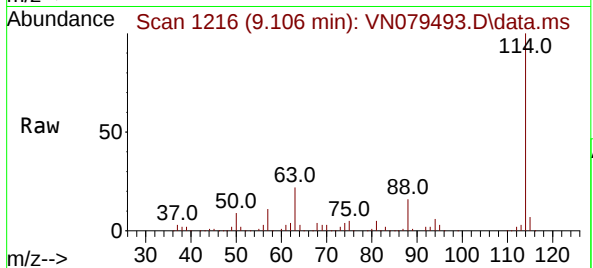
Tgt Ion:114 Resp: 535700

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.012 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079493.D

Acq: 10 Oct 2023 15:13

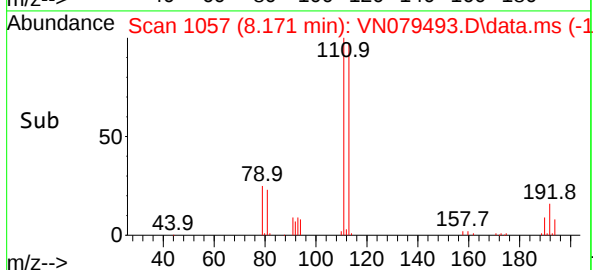
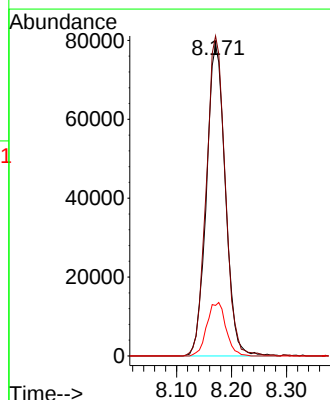
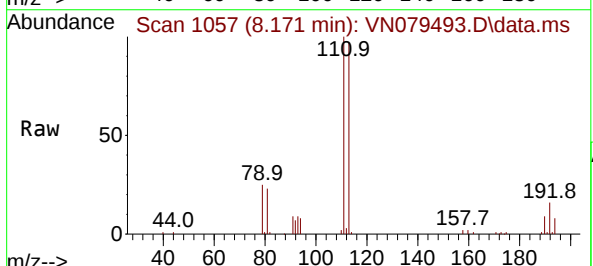
Tgt Ion:113 Resp: 188682

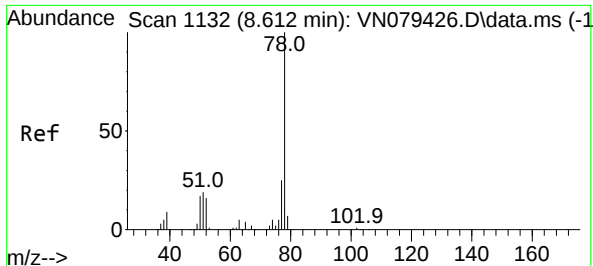
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.3 12.7 19.1

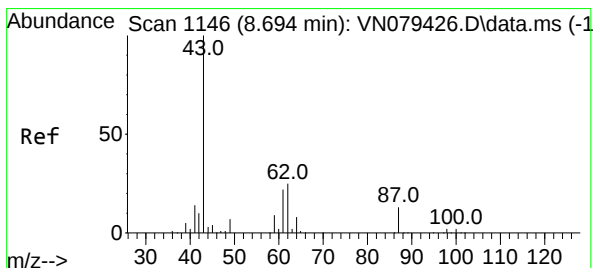
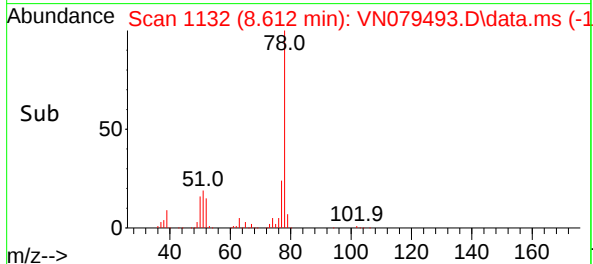
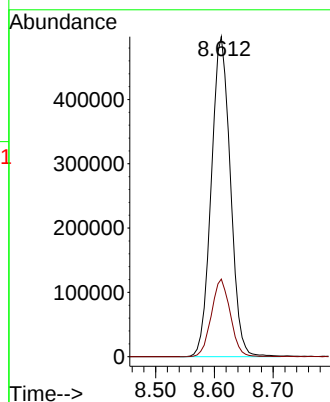
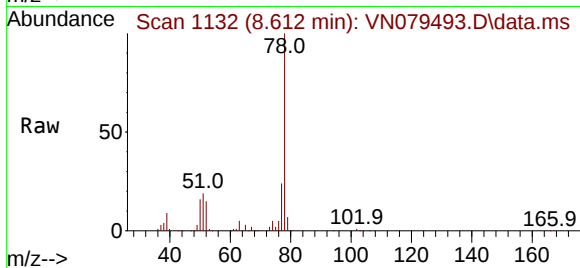




#40
Benzene
Concen: 65.434 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

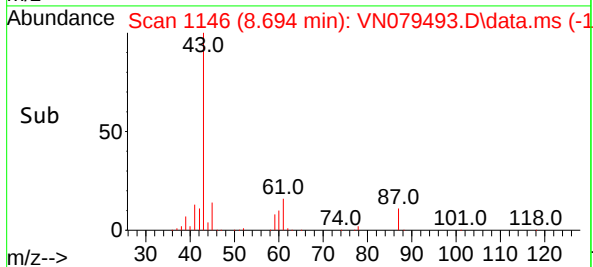
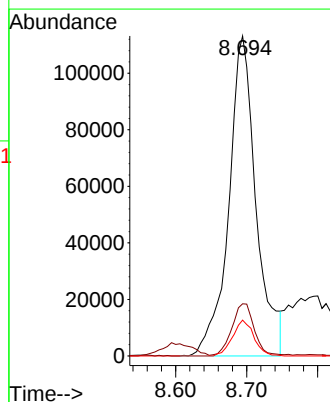
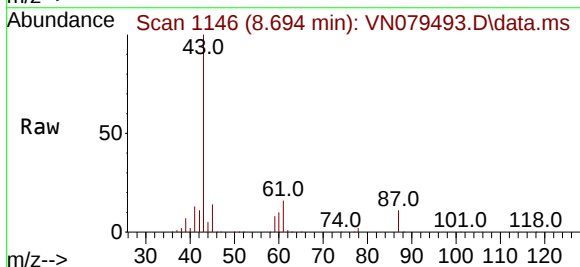
Instrument :
MSVOA_N
ClientSampleId :
SB-17

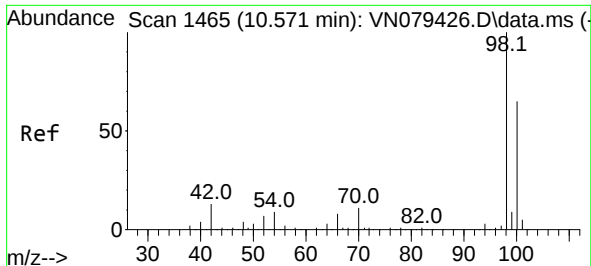
Tgt Ion: 78 Resp: 1122815
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



#43
Isopropyl Acetate
Concen: 30.103 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion: 43 Resp: 303206
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 8.7 14.6 21.8#

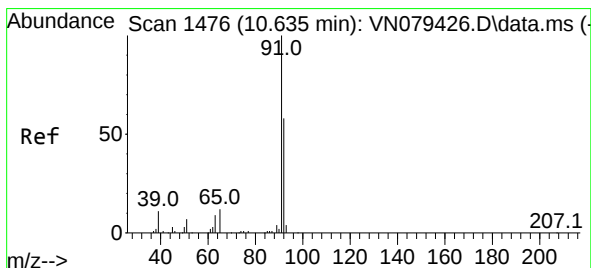
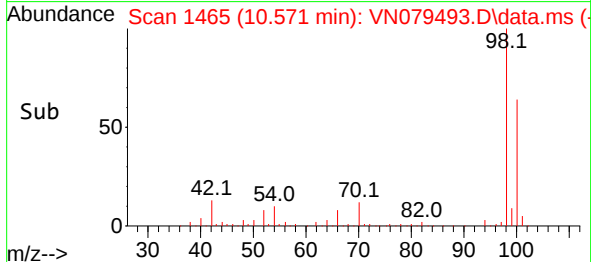
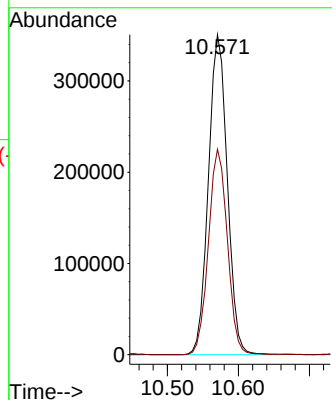
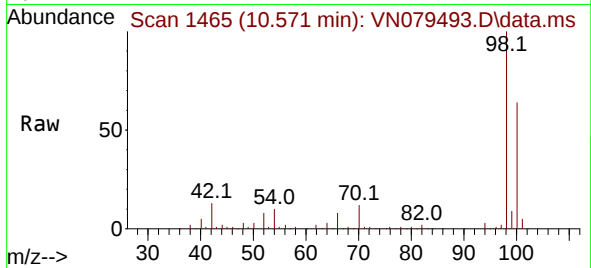




#50
Toluene-d8
Concen: 46.522 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

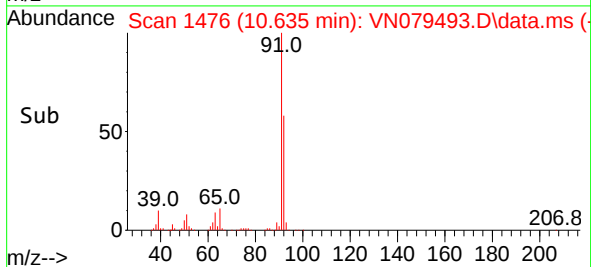
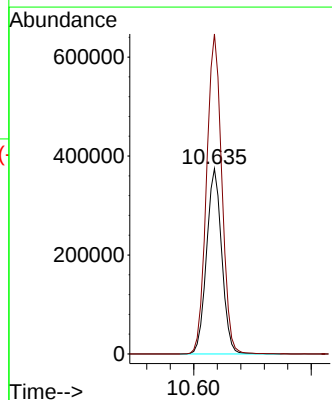
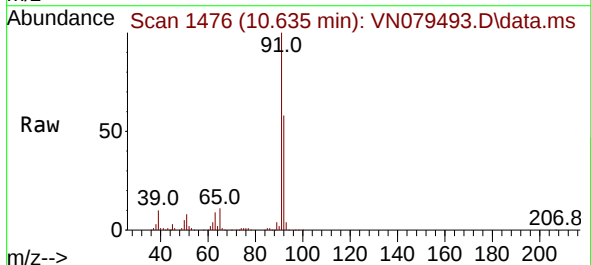
Instrument :
MSVOA_N
ClientSampleId :
SB-17

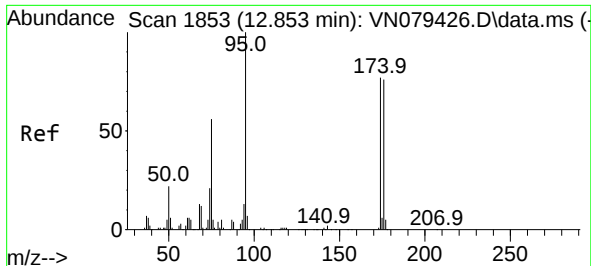
Tgt Ion: 98 Resp: 648025
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#52
Toluene
Concen: 66.654 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion: 92 Resp: 673251
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0

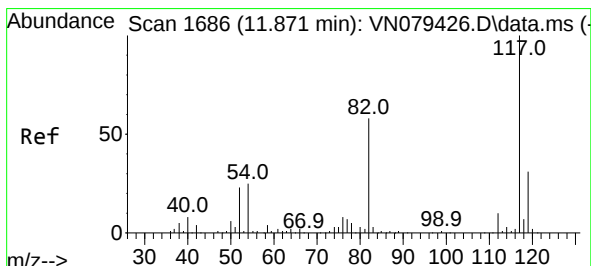
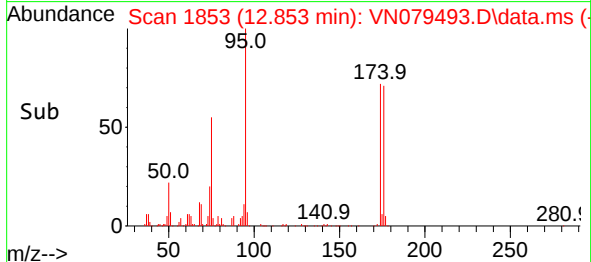
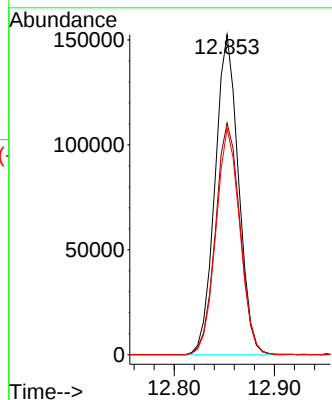
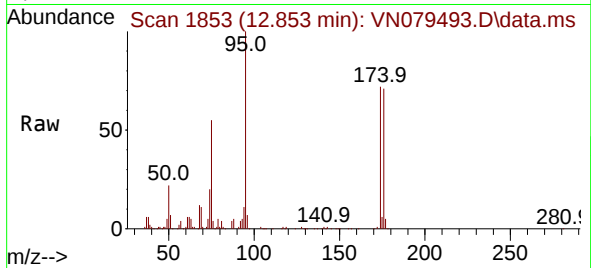




#62
4-Bromofluorobenzene
Concen: 55.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

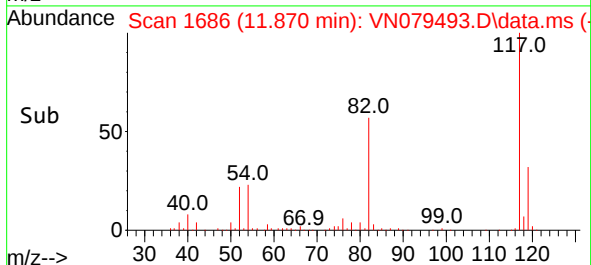
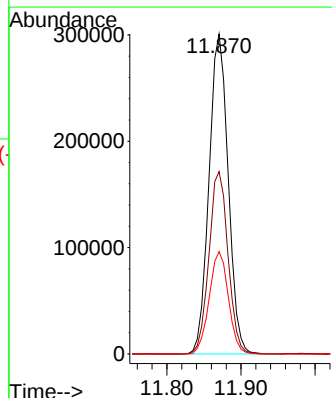
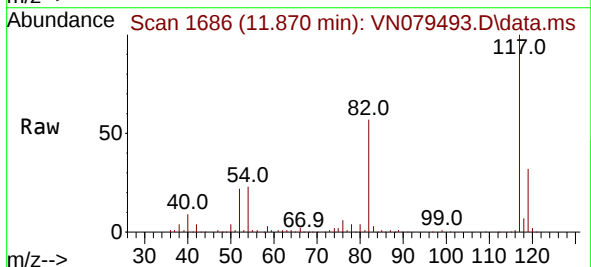
Instrument :
MSVOA_N
ClientSampleId :
SB-17

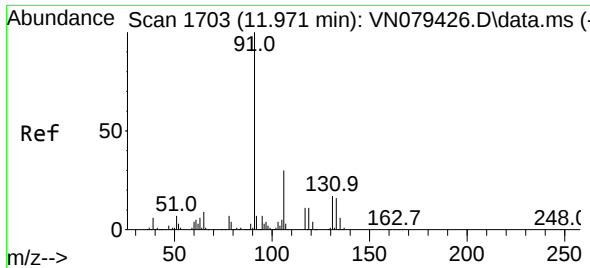
Tgt Ion: 95 Resp: 248043
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion: 117 Resp: 540148
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.0 25.6 38.4

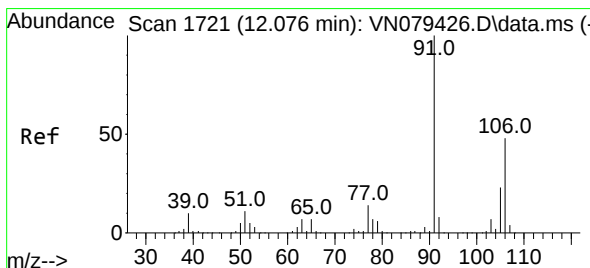
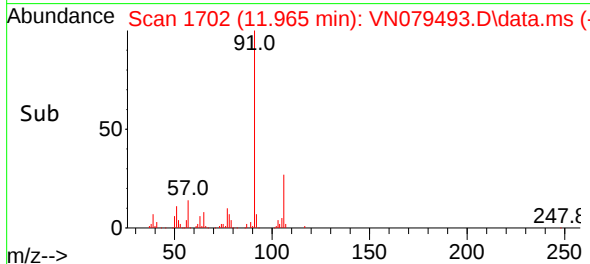
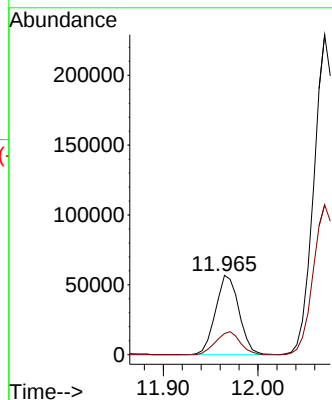
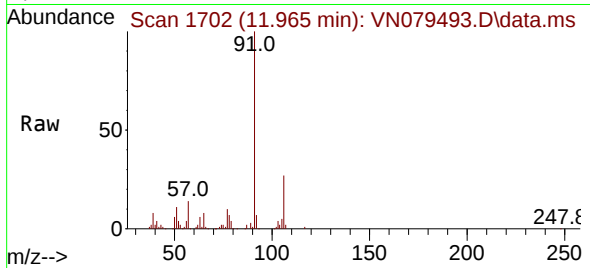




#67
Ethyl Benzene
Concen: 4.669 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

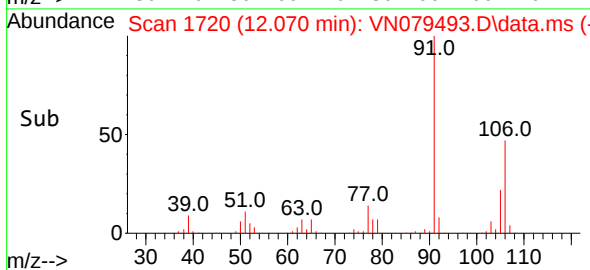
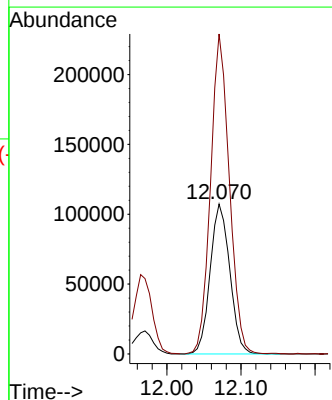
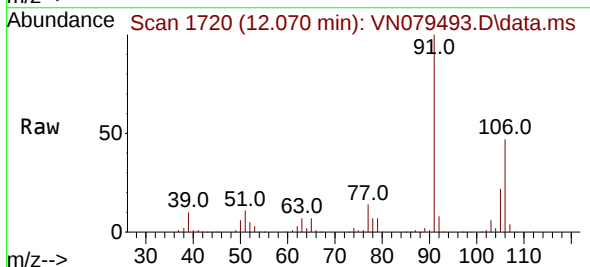
Instrument :
MSVOA_N
ClientSampleId :
SB-17

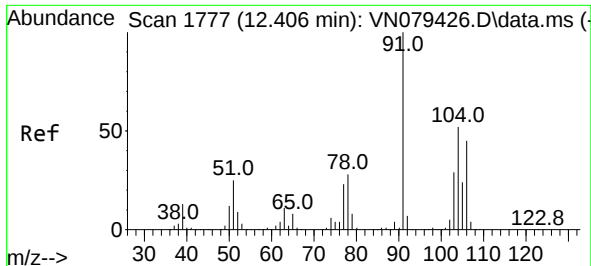
Tgt Ion: 91 Resp: 97615
Ion Ratio Lower Upper
91 100
106 26.6 25.6 38.4



#68
m/p-Xylenes
Concen: 25.945 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion:106 Resp: 197101
Ion Ratio Lower Upper
106 100
91 204.9 159.6 239.4

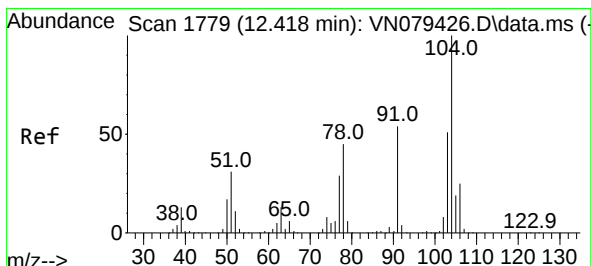
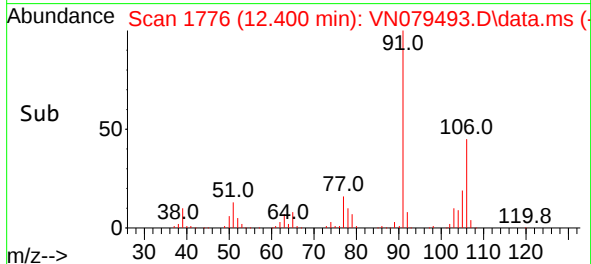
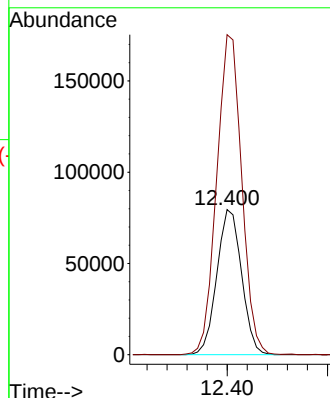
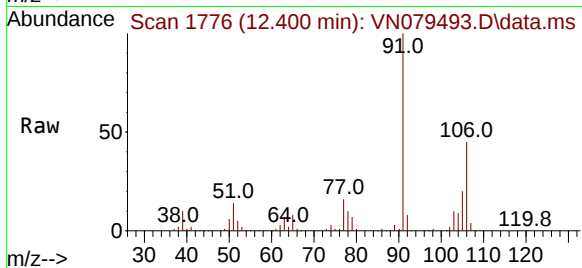




#69
o-Xylene
Concen: 18.219 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

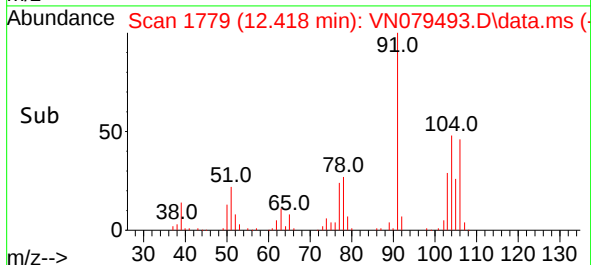
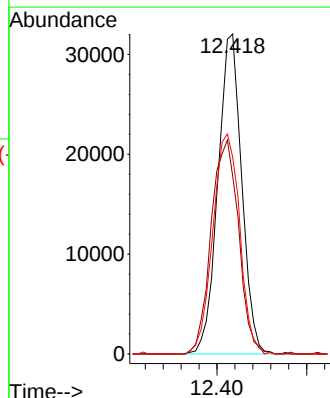
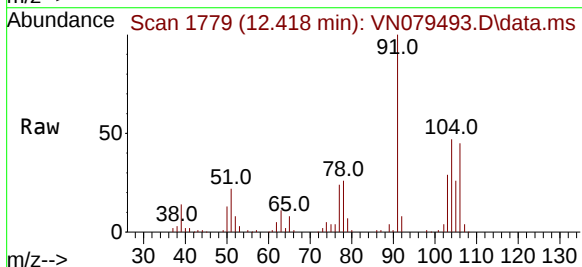
Instrument :
MSVOA_N
ClientSampleId :
SB-17

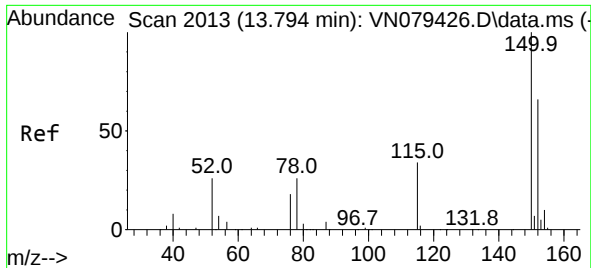
Tgt Ion:106 Resp: 136119
Ion Ratio Lower Upper
106 100
91 223.4 105.2 315.5



#70
Styrene
Concen: 4.993 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion:104 Resp: 58925
Ion Ratio Lower Upper
104 100
78 77.0 39.5 59.3#
103 77.6 43.2 64.8#

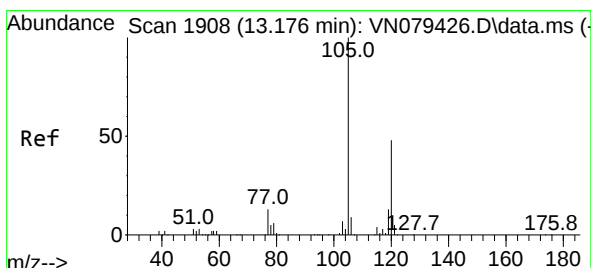
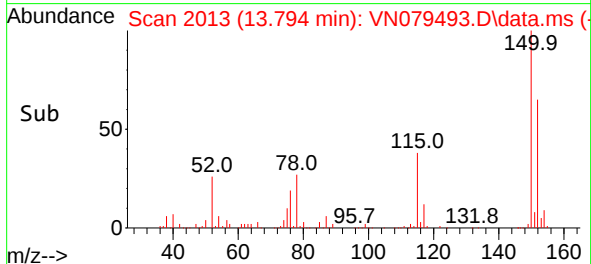
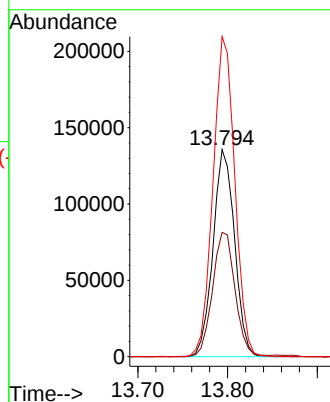
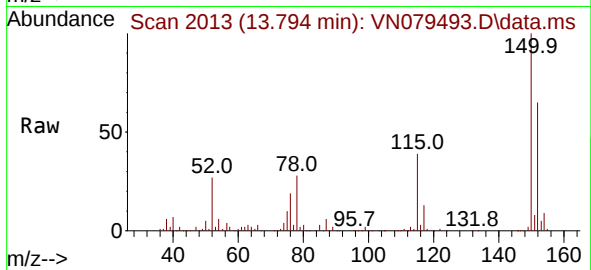




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079493.D
 Acq: 10 Oct 2023 15:13

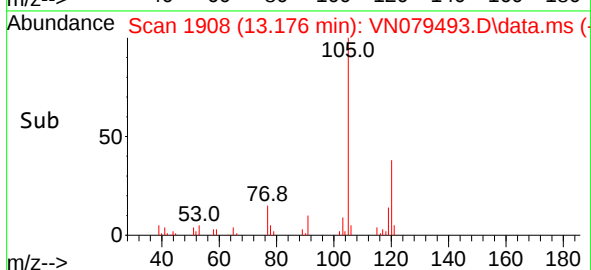
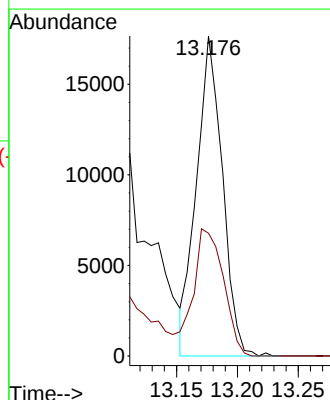
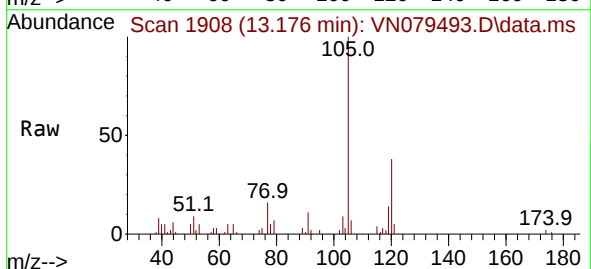
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-17

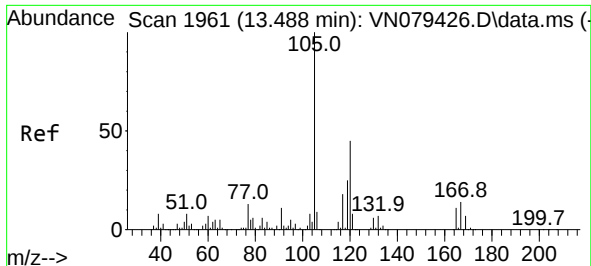
Tgt Ion:152 Resp: 225856
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 156.6 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.577 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079493.D
 Acq: 10 Oct 2023 15:13

Tgt Ion:105 Resp: 26136
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.3

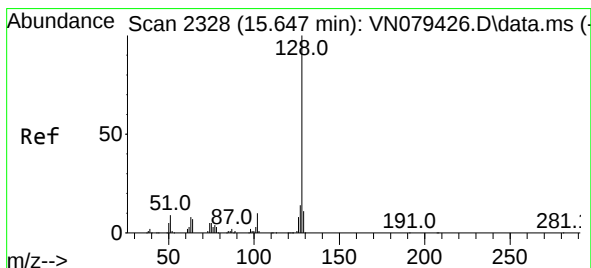
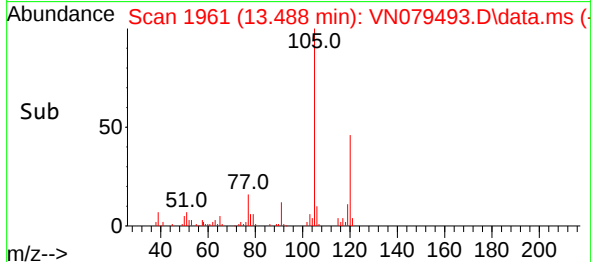
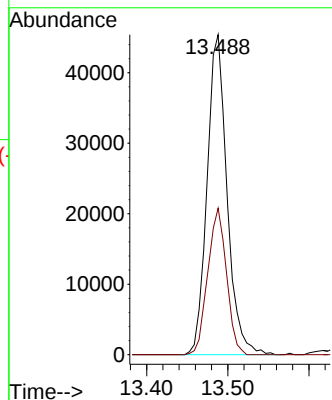
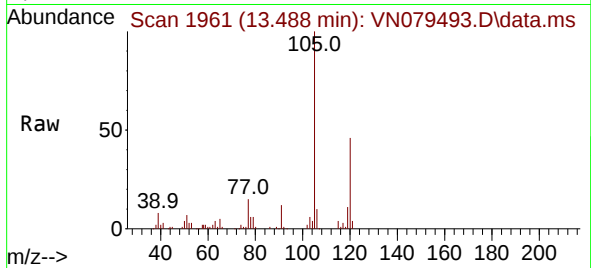




#84
1,2,4-Trimethylbenzene
Concen: 4.904 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :
SB-17

Tgt Ion:105 Resp: 77545
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0



#95
Naphthalene
Concen: 73.258 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079493.D
Acq: 10 Oct 2023 15:13

Tgt Ion:128 Resp: 552259
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

