

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078962.D
 Acq On : 18 Aug 2023 23:14
 Operator : JC\MD
 Sample : 04071-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5

Quant Time: Aug 19 06:08:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

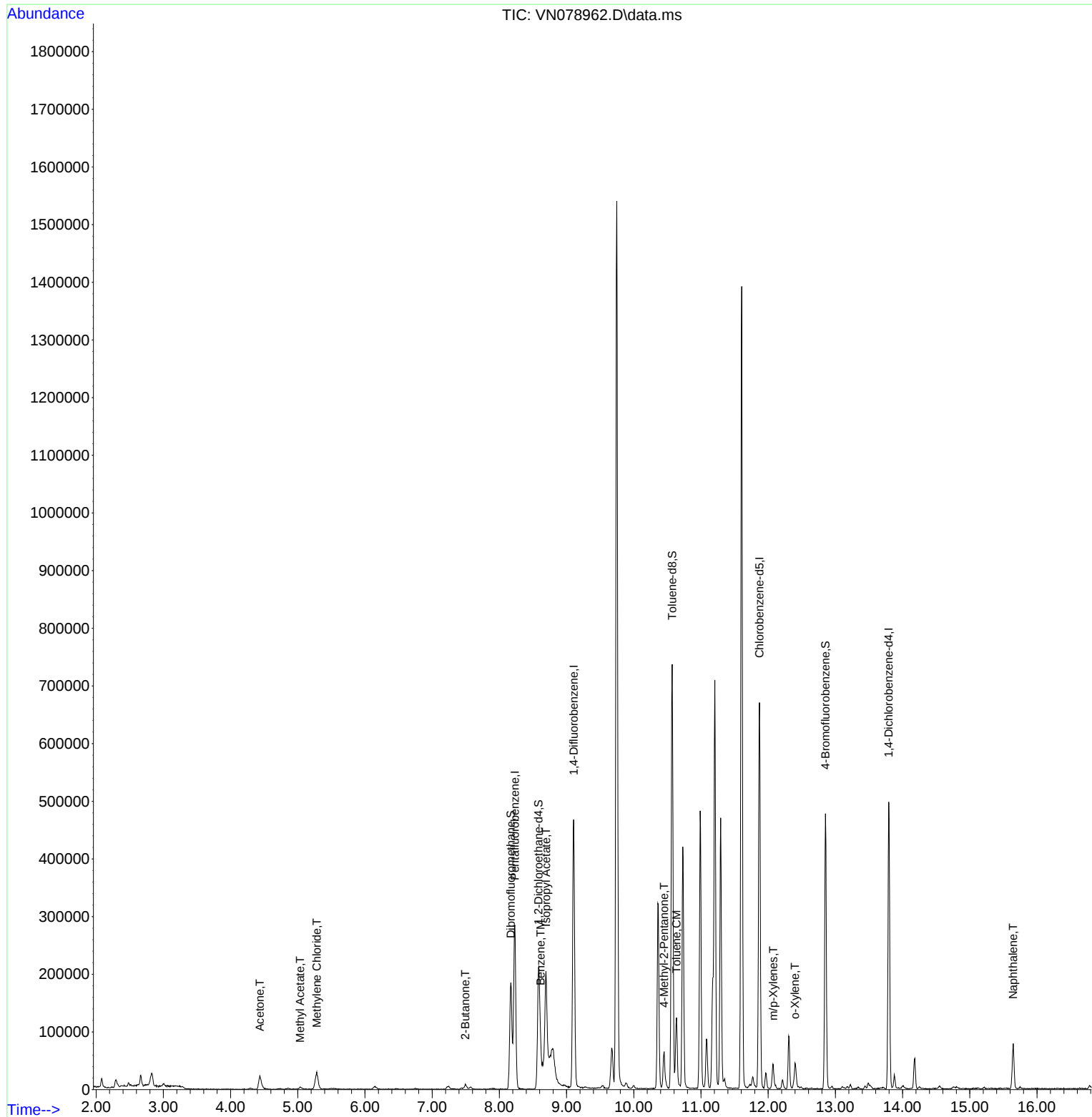
Internal Standards						
1) Pentafluorobenzene	8.230	168	204964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	392267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	378971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	157647	49.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.860%
35) Dibromofluoromethane	8.171	113	131387	49.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.571	98	492201	50.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.853	95	156293	48.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	42516	32.307	ug/l	95
18) Methyl Acetate	5.036	43	6901	1.241	ug/l #	81
20) Methylene Chloride	5.283	84	19334	6.894	ug/l #	80
25) 2-Butanone	7.494	43	13079	6.199	ug/l #	64
40) Benzene	8.612	78	66458	5.661	ug/l	92
43) Isopropyl Acetate	8.694	43	284848	36.263	ug/l #	68
51) 4-Methyl-2-Pentanone	10.453	43	47934	10.289	ug/l #	81
52) Toluene	10.635	92	49050	6.805	ug/l	94
68) m/p-Xylenes	12.076	106	12947	2.361	ug/l	94
69) o-Xylene	12.400	106	8663	1.624	ug/l	97
95) Naphthalene	15.647	128	66423	13.154	ug/l	98

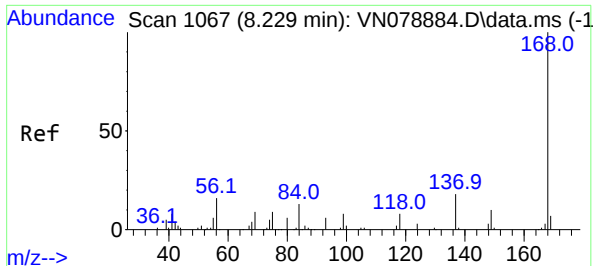
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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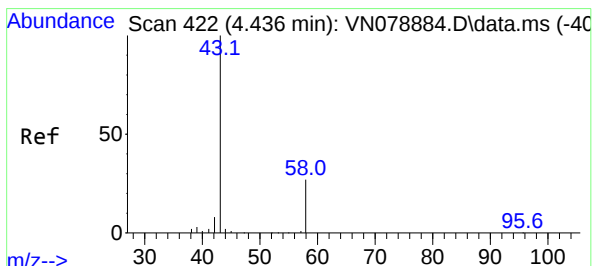
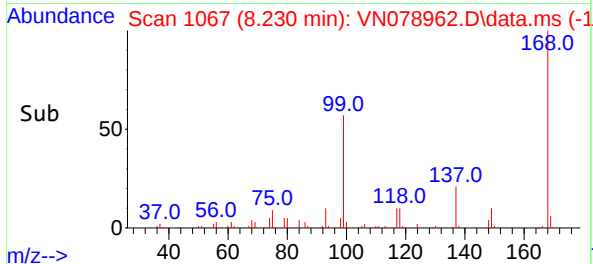
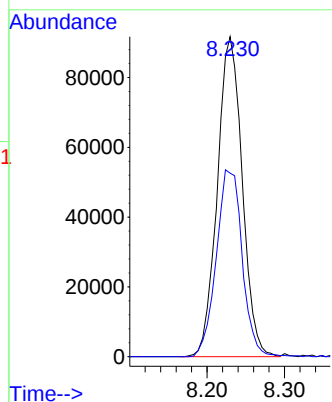
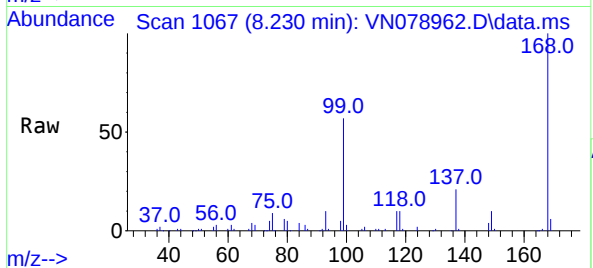




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

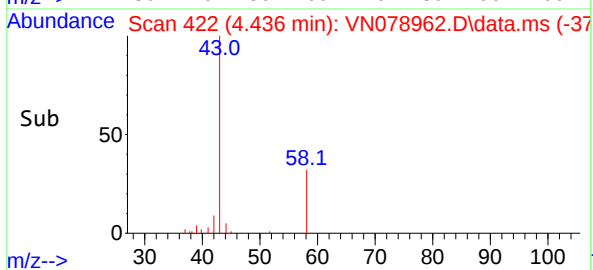
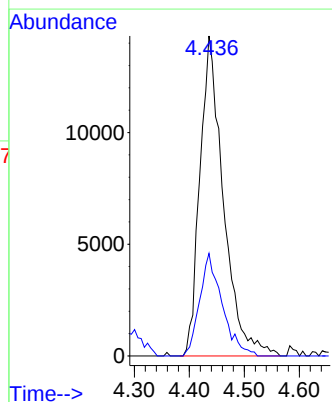
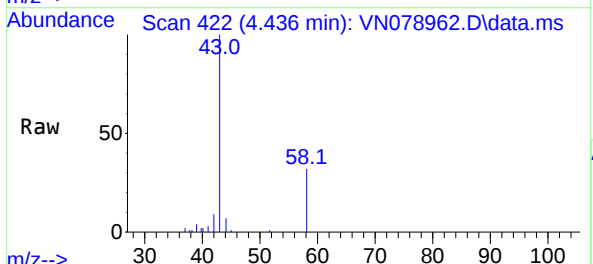
Instrument :
MSVOA_N
ClientSampleId :
SB-5

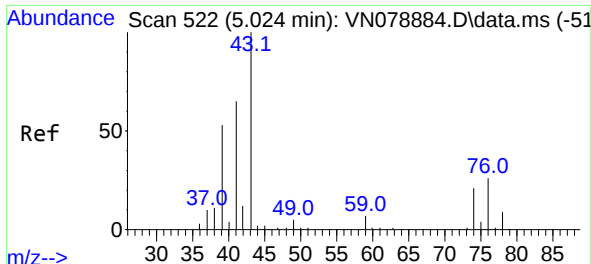
Tgt Ion:168 Resp: 204964
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6



#16
Acetone
Concen: 32.307 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 43 Resp: 42516
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0

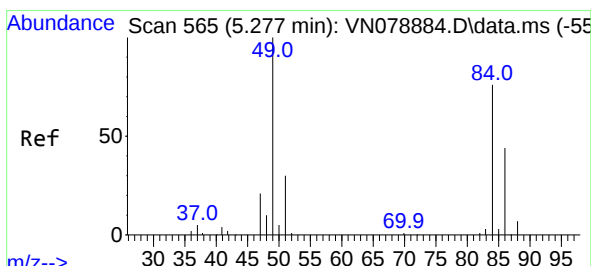
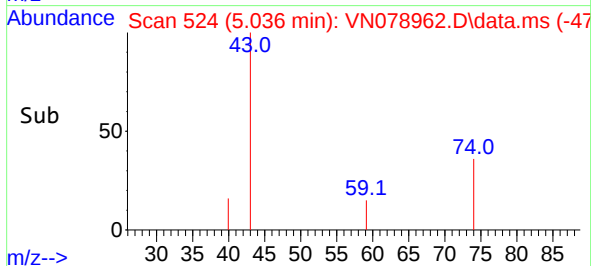
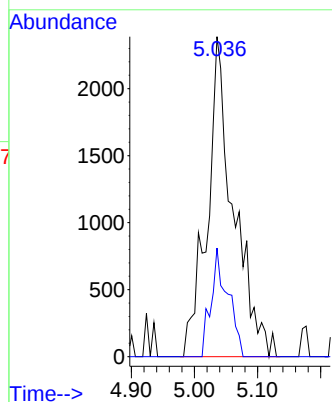
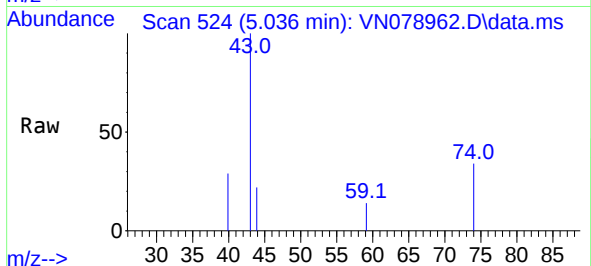




#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

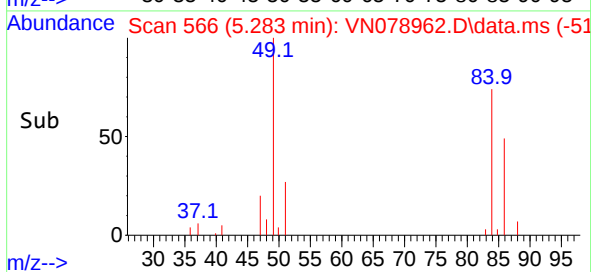
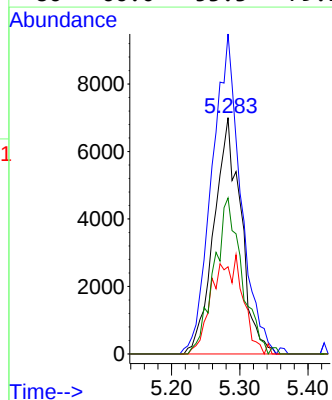
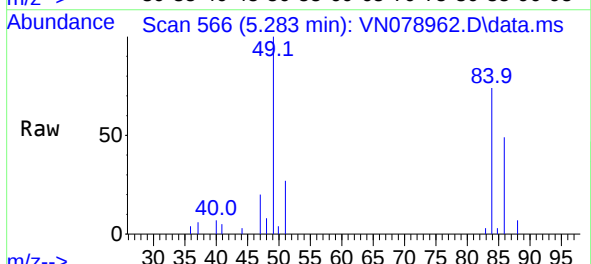
Instrument :
MSVOA_N
ClientSampleId :
SB-5

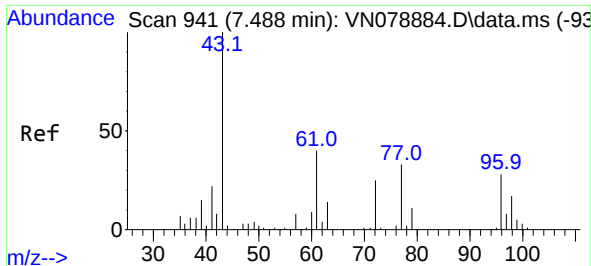
Tgt Ion: 43 Resp: 6901
Ion Ratio Lower Upper
43 100
74 21.8 26.2 39.4#



#20
Methylene Chloride
Concen: 6.894 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 84 Resp: 19334
Ion Ratio Lower Upper
84 100
49 135.4 79.7 119.5#
51 36.9 25.2 37.8
86 66.0 53.3 79.9

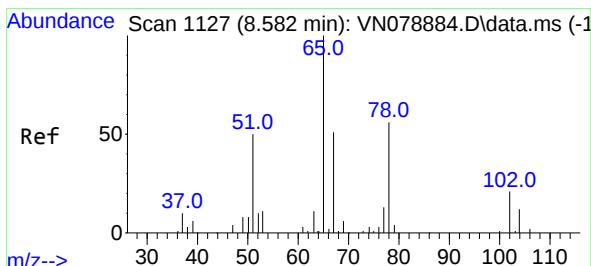
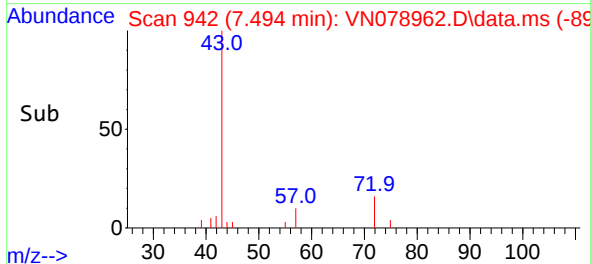
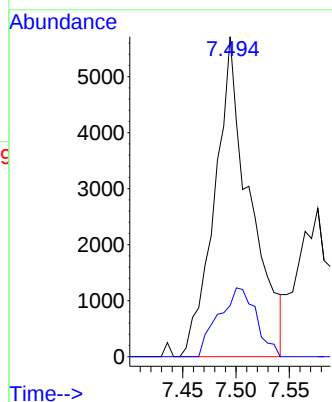
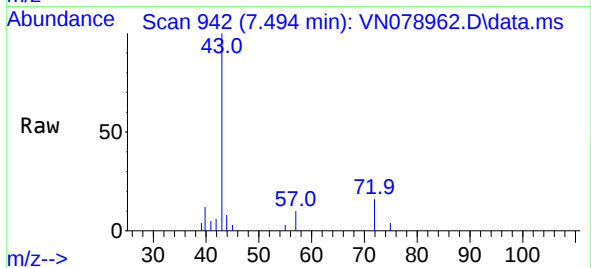




#25
2-Butanone
Concen: 6.199 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

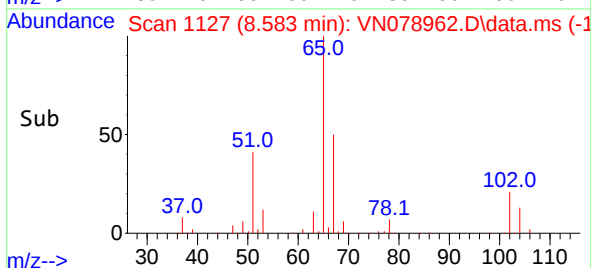
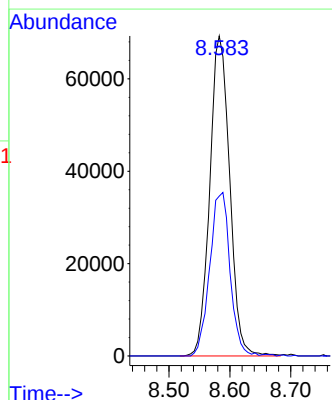
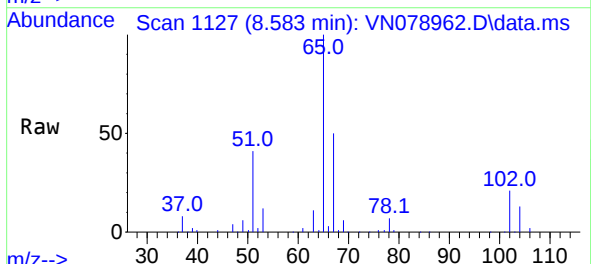
Instrument :
MSVOA_N
ClientSampleId :
SB-5

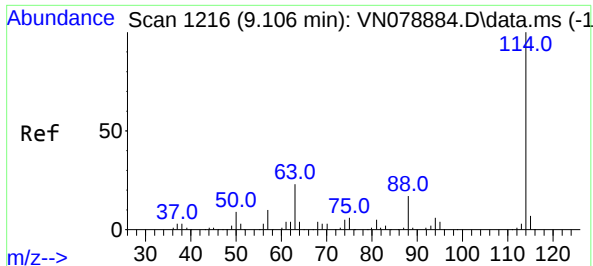
Tgt Ion: 43 Resp: 13079
Ion Ratio Lower Upper
43 100
72 16.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 49.428 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 65 Resp: 157647
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6

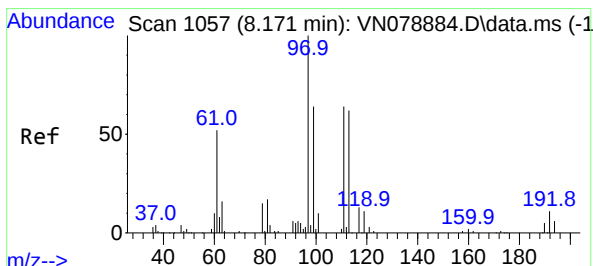
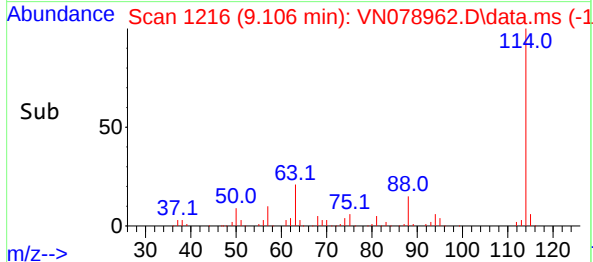
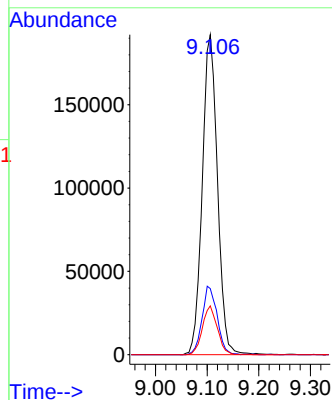
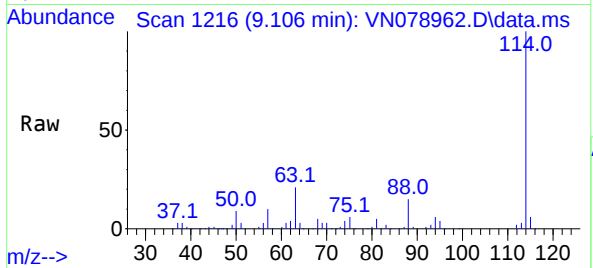




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

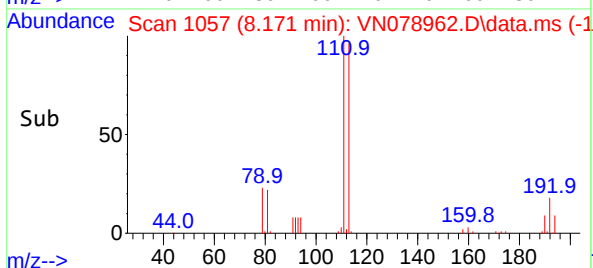
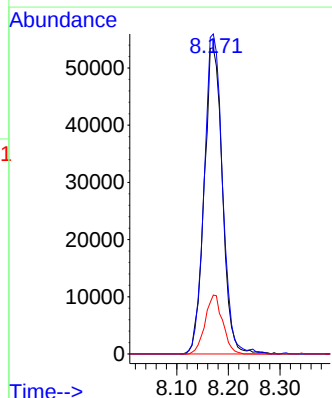
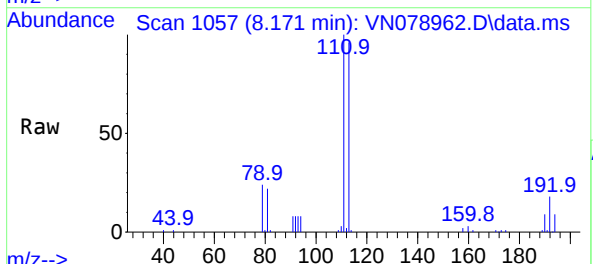
Instrument :
MSVOA_N
ClientSampleId :
SB-5

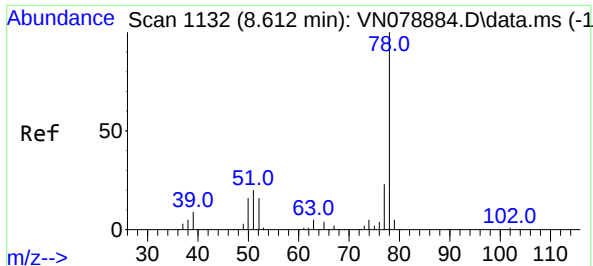
Tgt Ion:114 Resp: 392267
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion:113 Resp: 131387
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.5 12.7 19.1

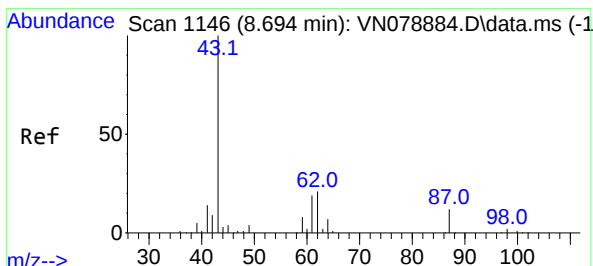
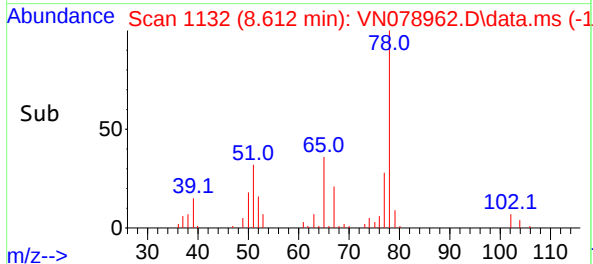
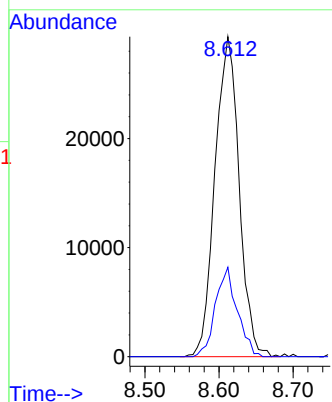
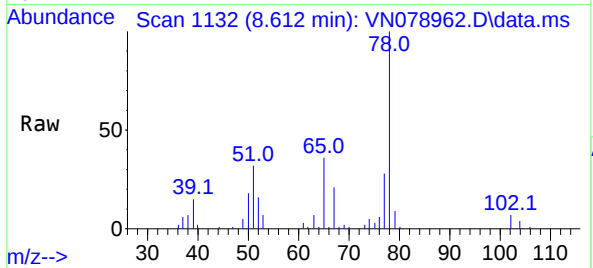




#40
Benzene
Concen: 5.661 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

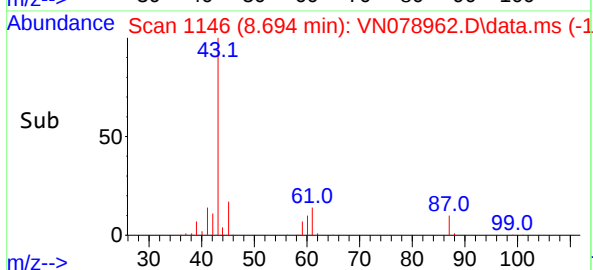
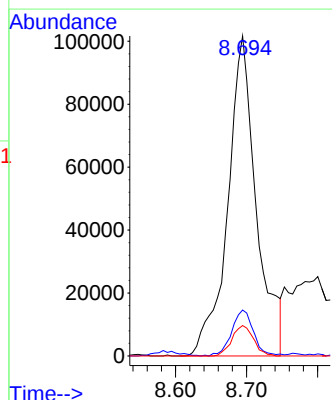
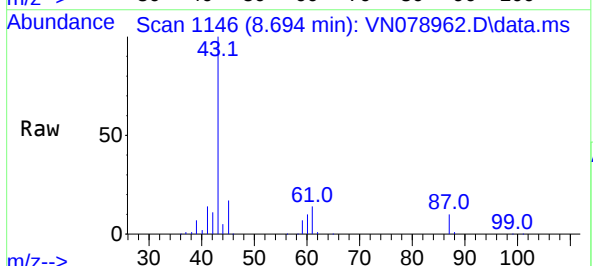
Instrument :
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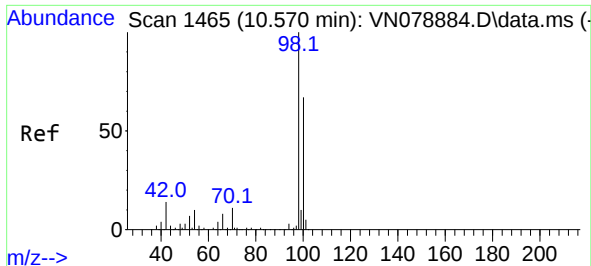
Tgt Ion: 78 Resp: 66458
Ion Ratio Lower Upper
78 100
77 27.9 19.0 28.6



#43
Isopropyl Acetate
Concen: 36.263 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 43 Resp: 284848
Ion Ratio Lower Upper
43 100
61 11.0 24.7 37.1#
87 7.2 14.6 21.8#

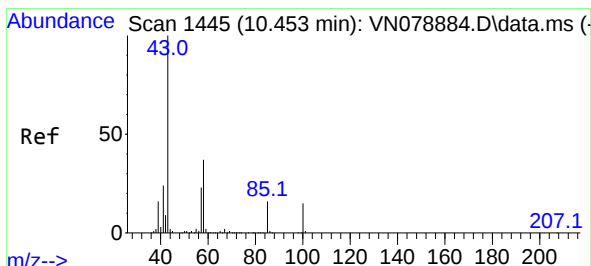
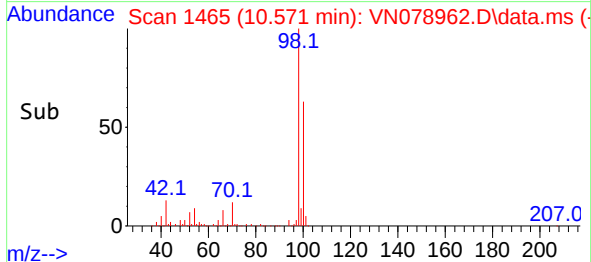
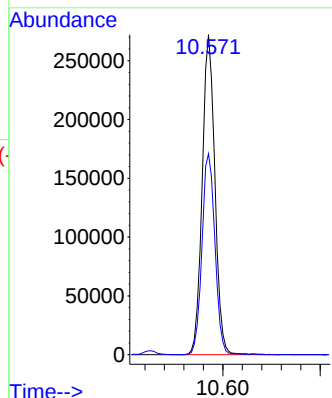
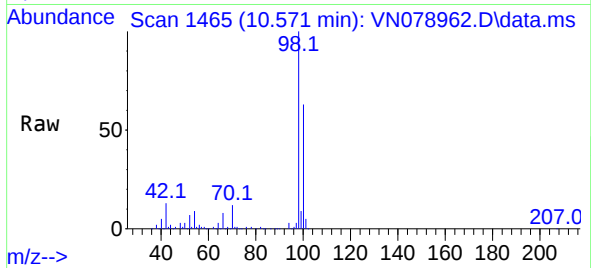




#50
Toluene-d8
Concen: 50.201 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

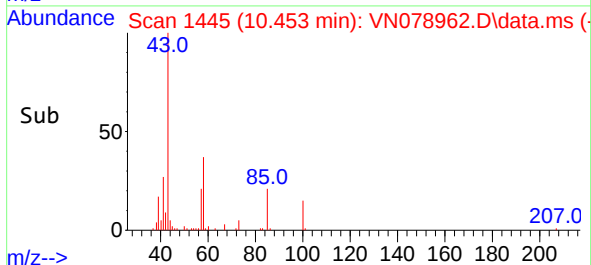
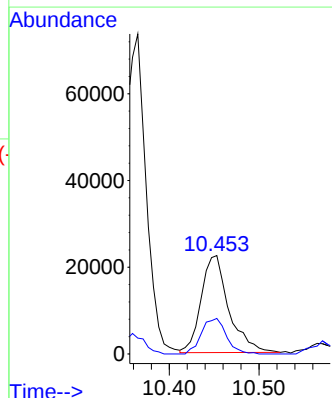
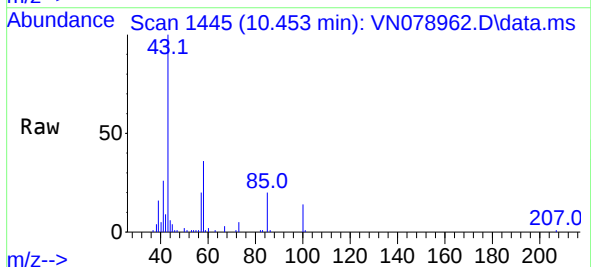
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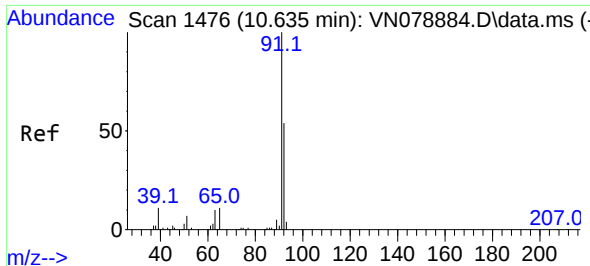
Tgt Ion: 98 Resp: 492201
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.289 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 43 Resp: 47934
Ion Ratio Lower Upper
43 100
58 32.9 36.6 54.8#

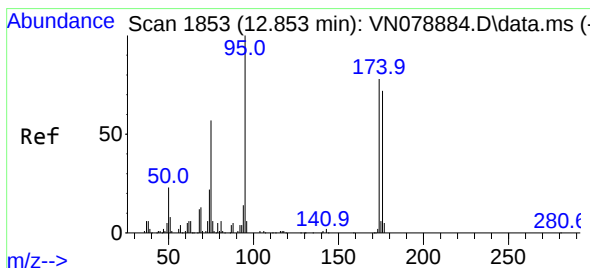
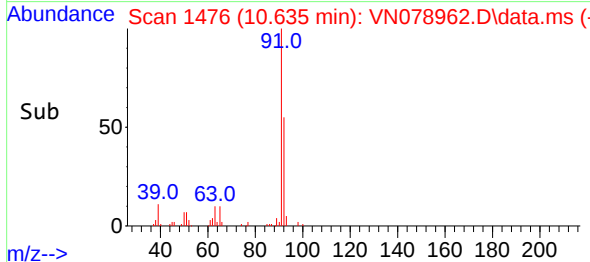
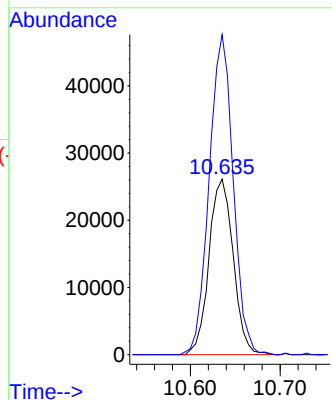
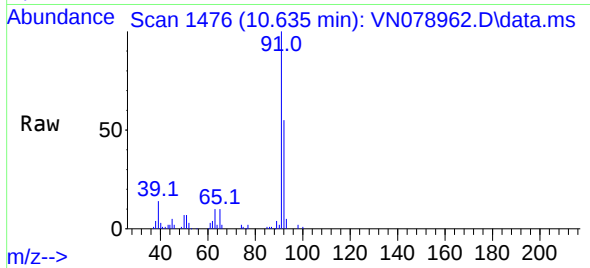




#52
Toluene
Concen: 6.805 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

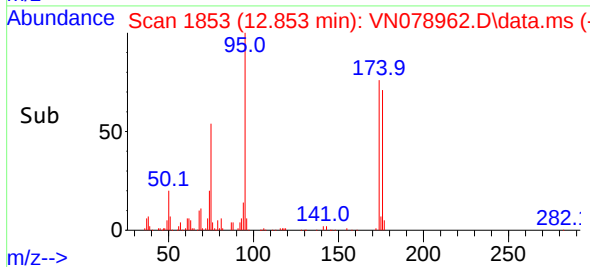
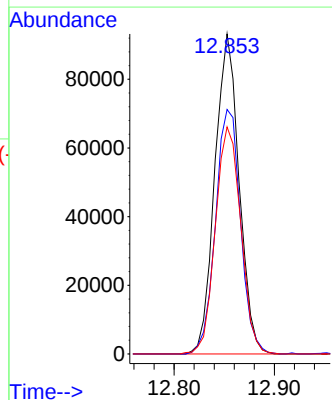
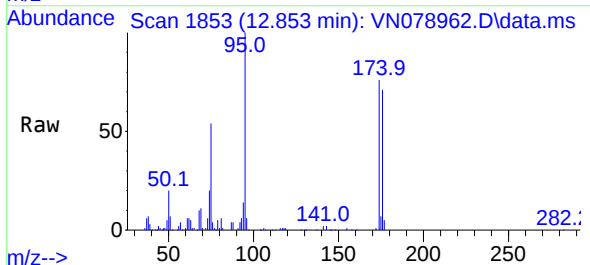
Instrument :
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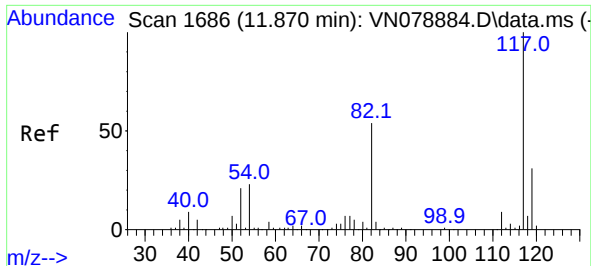
Tgt Ion: 92 Resp: 49050
Ion Ratio Lower Upper
92 100
91 180.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.770 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion: 95 Resp: 156293
Ion Ratio Lower Upper
95 100
174 79.0 0.0 143.8
176 74.6 0.0 135.8

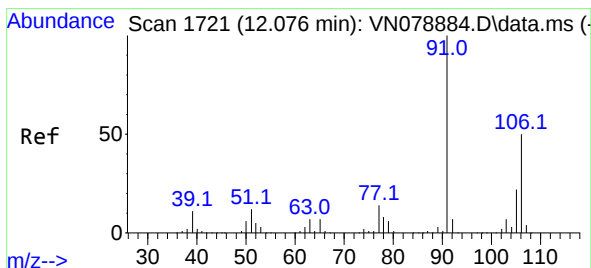
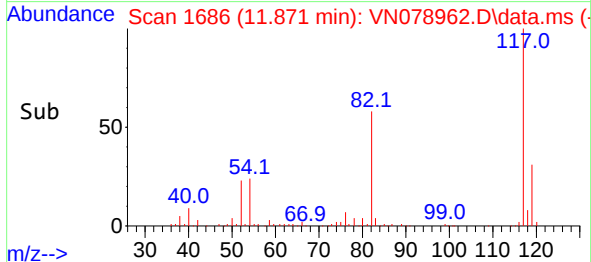
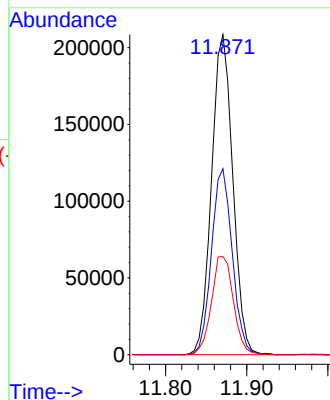
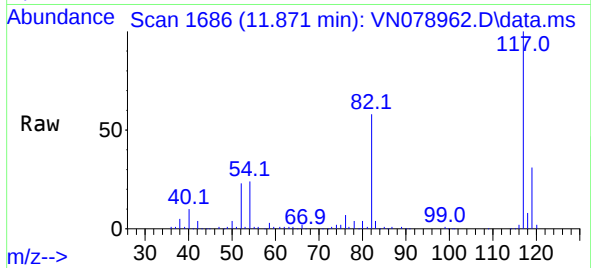




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

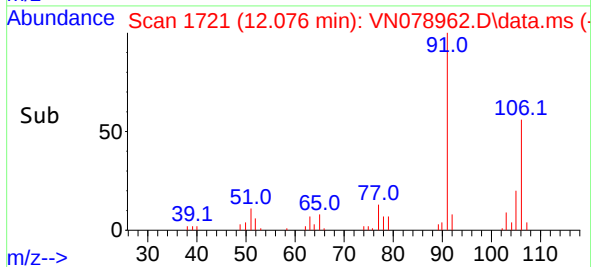
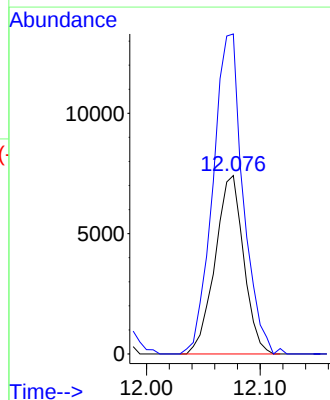
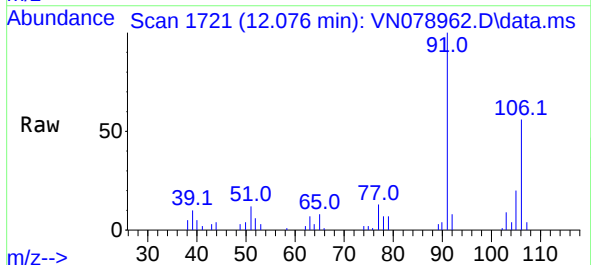
Instrument :
MSVOA_N
ClientSampleId :
SB-5

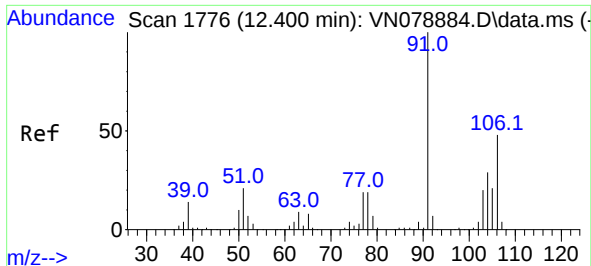
Tgt Ion:117 Resp: 378971
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 2.361 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion:106 Resp: 12947
Ion Ratio Lower Upper
106 100
91 189.9 159.6 239.4

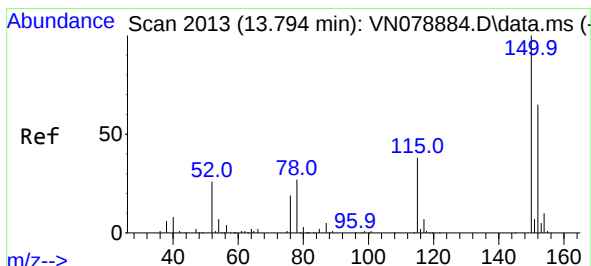
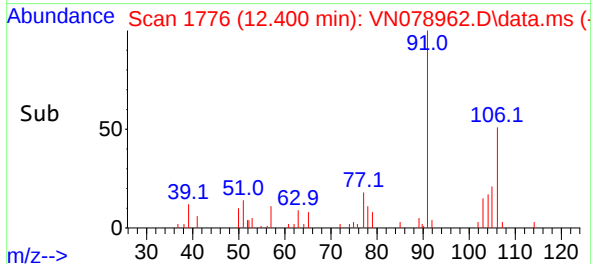
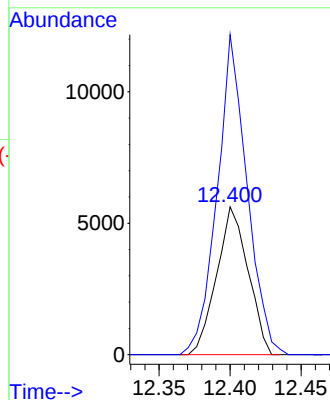
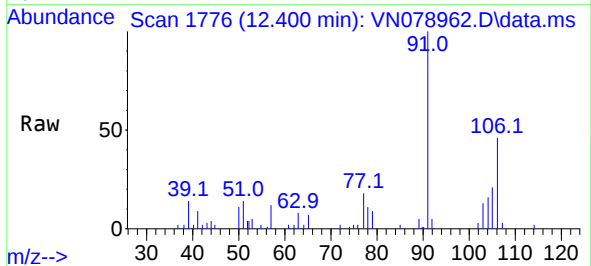




#69
o-Xylene
Concen: 1.624 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

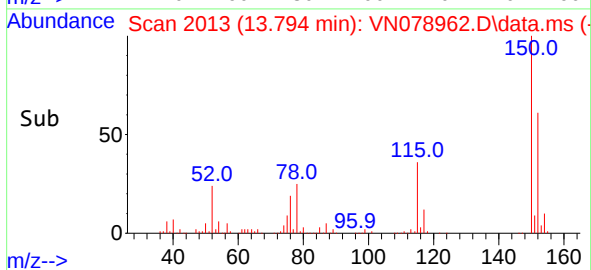
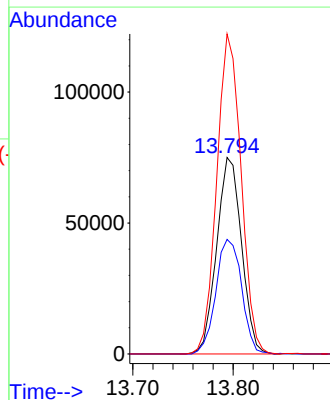
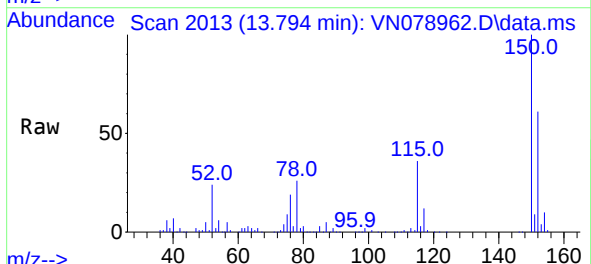
Instrument :
MSVOA_N
ClientSampleId :
SB-5

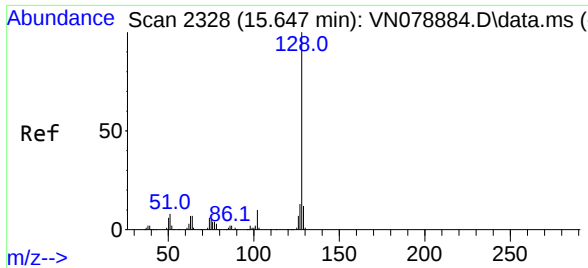
Tgt Ion:106 Resp: 8663
Ion Ratio Lower Upper
106 100
91 205.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Tgt Ion:152 Resp: 129227
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 159.4 0.0 355.8





#95
Naphthalene
Concen: 13.154 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078962.D
Acq: 18 Aug 2023 23:14

Instrument :
MSVOA_N
ClientSampleId :
SB-5

Tgt Ion:	128	Resp:	66423
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.5	8.7	13.1

