

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082904.D
 Acq On : 12 Jul 2024 17:05
 Operator : JC\MD
 Sample : P3224-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-21

Quant Time: Jul 15 01:15:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

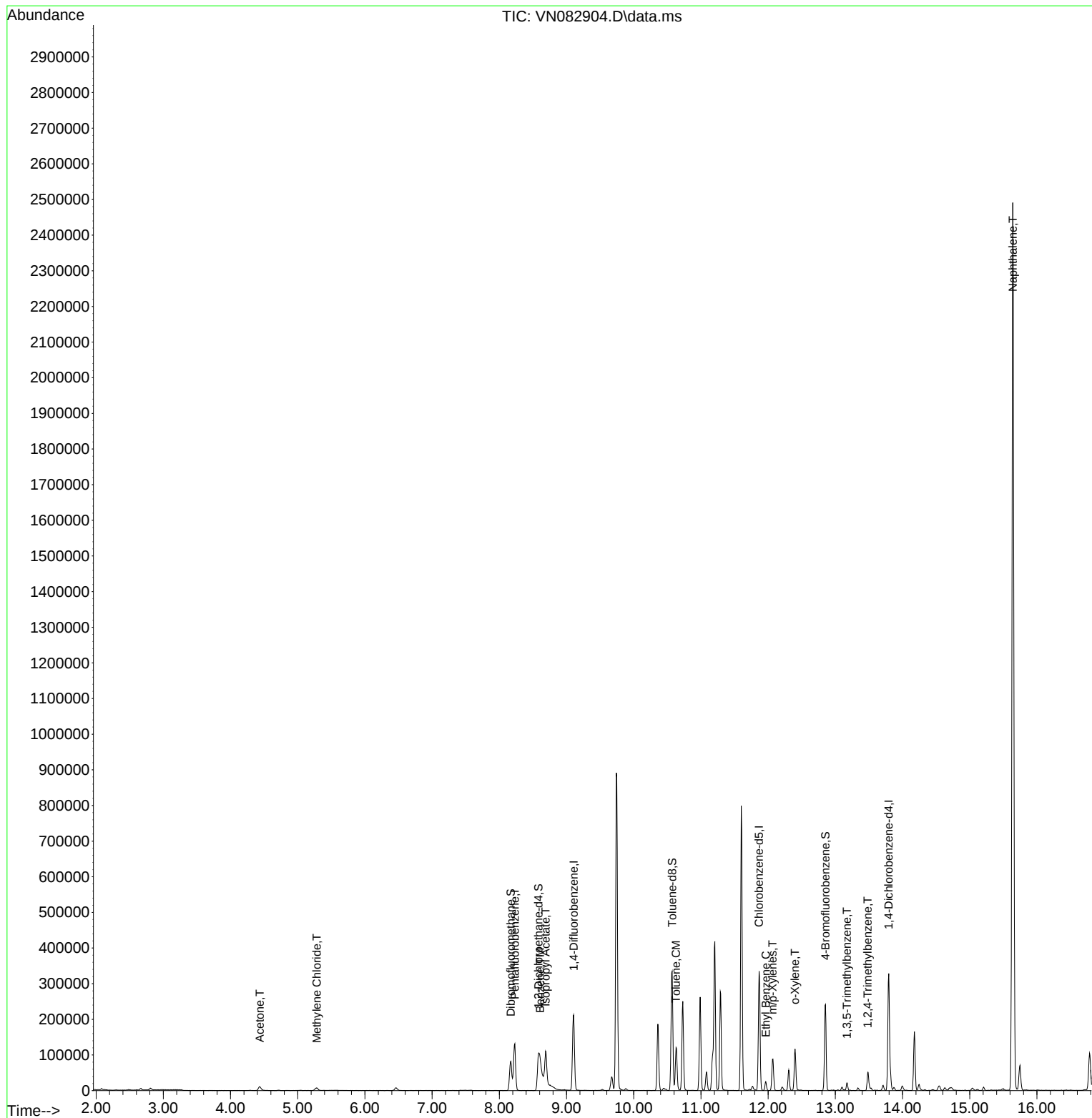
Internal Standards						
1) Pentafluorobenzene	8.230	168	91556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71264	55.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.060%
35) Dibromofluoromethane	8.171	113	58903	49.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	10.571	98	231199	53.027	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.853	95	78777	50.299	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.600%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	21026	46.532	ug/l	100
20) Methylene Chloride	5.283	84	5744	5.264	ug/l #	76
40) Benzene	8.606	78	73727	14.726	ug/l	98
43) Isopropyl Acetate	8.688	43	182477	58.933	ug/l #	81
52) Toluene	10.630	92	52798	16.882	ug/l	100
67) Ethyl Benzene	11.965	91	11166	1.618	ug/l	99
68) m/p-Xylenes	12.065	106	28025	10.757	ug/l	97
69) o-Xylene	12.400	106	28749	11.516	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	12025	2.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	30423	5.798	ug/l	92
95) Naphthalene	15.641	128	2245789	422.360	ug/l	99

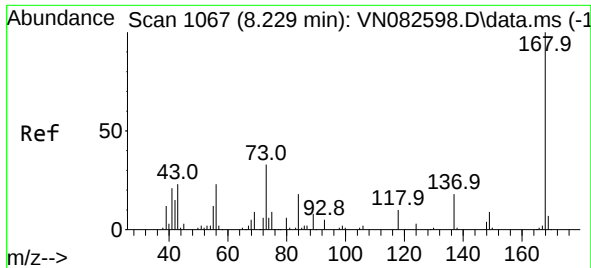
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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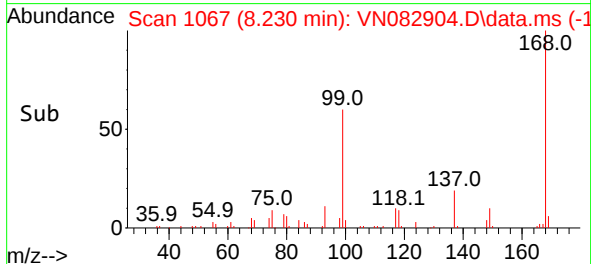
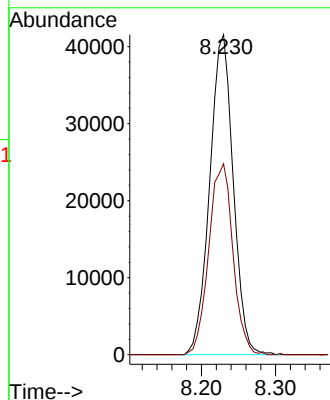
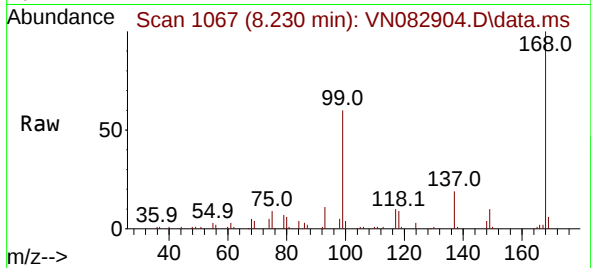




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

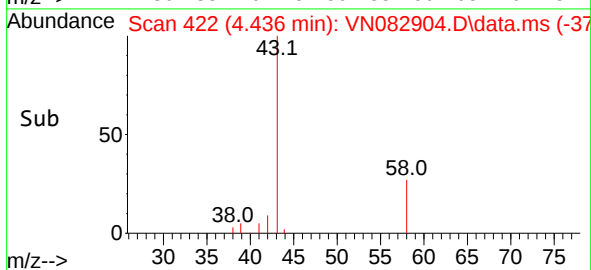
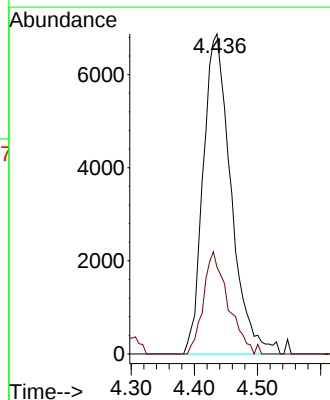
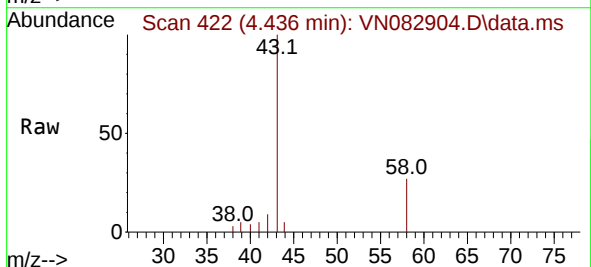
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-21

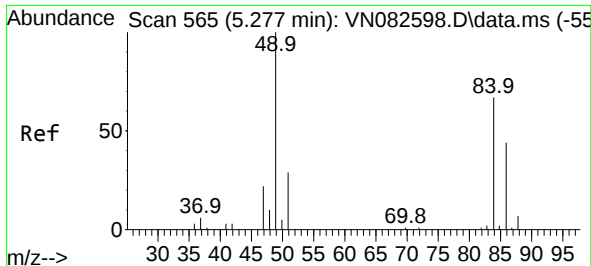
Tgt Ion:168 Resp: 91556
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#16
Acetone
Concen: 46.532 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 43 Resp: 21026
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.6

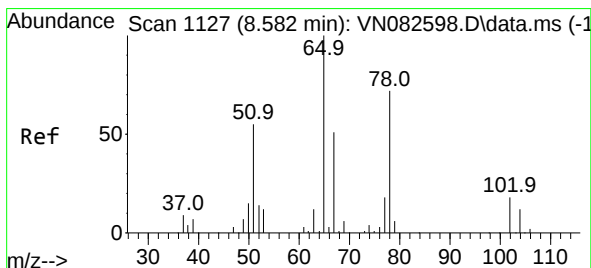
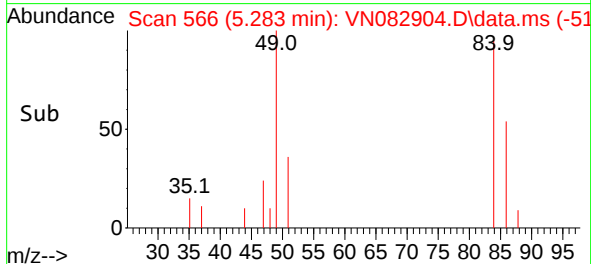
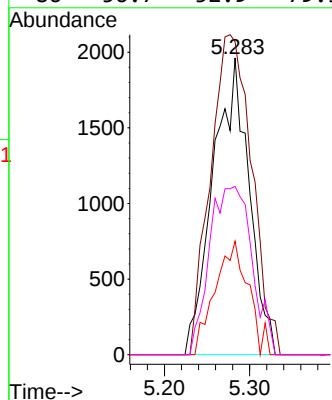
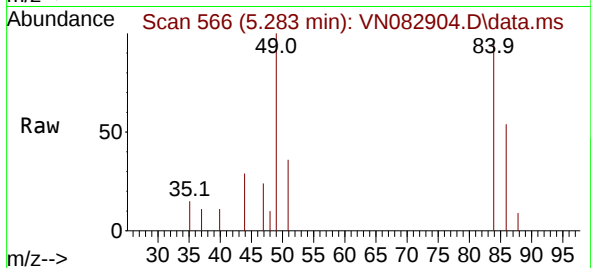




#20
Methylene Chloride
Concen: 5.264 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

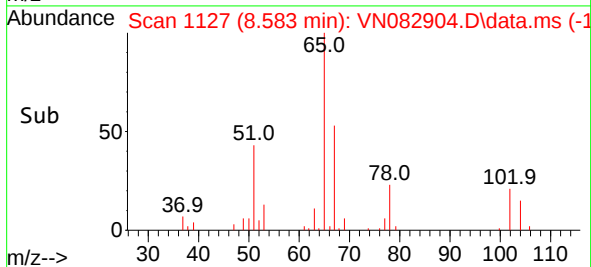
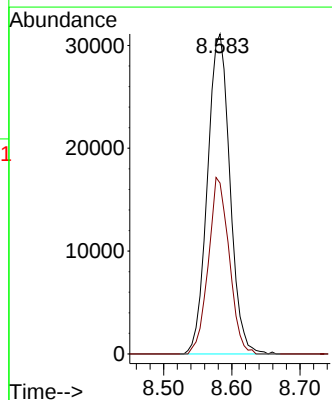
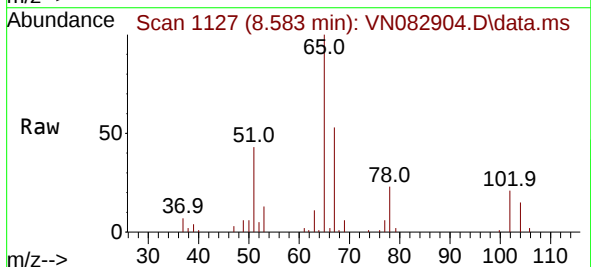
Instrument :
MSVOA_N
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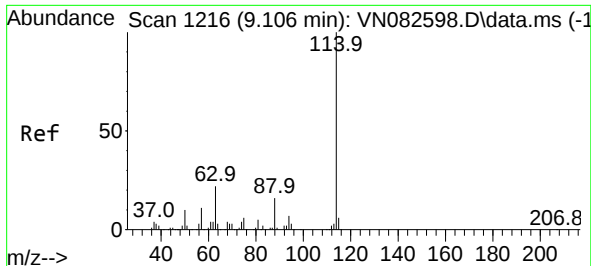
Tgt Ion: 84	Resp: 5744
Ion Ratio	Lower Upper
84 100	
49 105.5	119.6 179.4#
51 38.2	34.8 52.2
86 56.7	52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 55.526 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 65	Resp: 71264
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 104.4

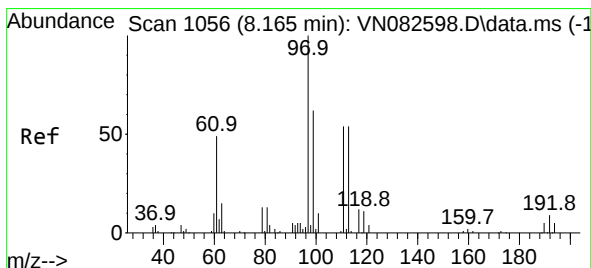
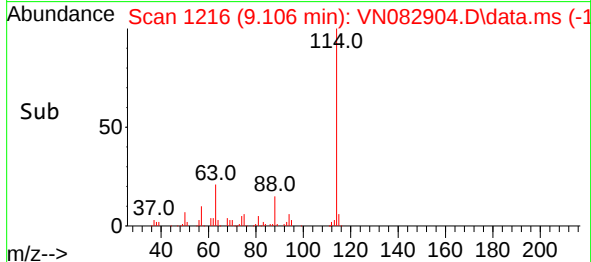
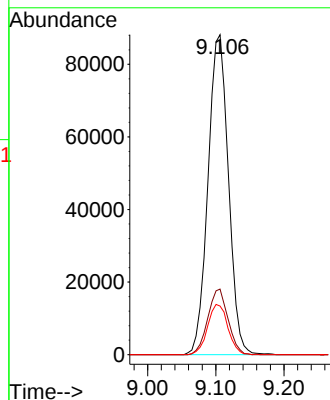
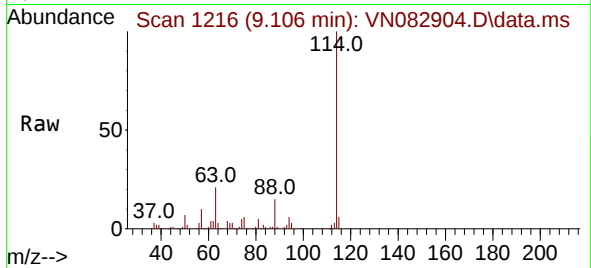




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

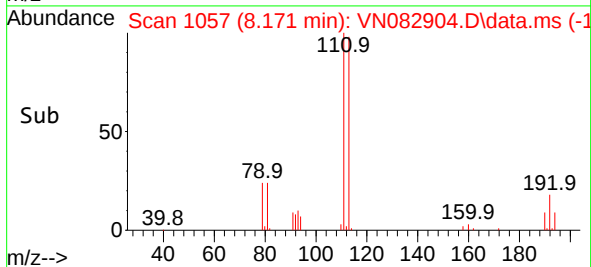
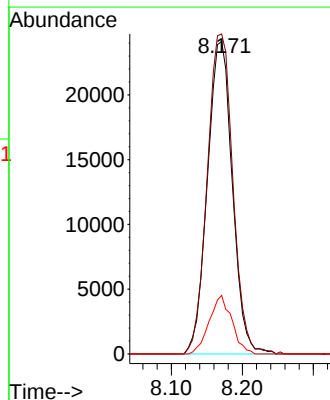
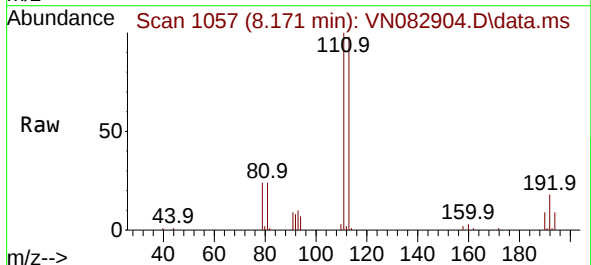
Instrument :
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380AVEC-21

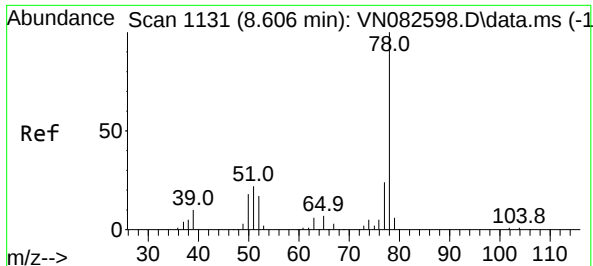
Tgt Ion:114 Resp: 183968
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion:113 Resp: 58903
Ion Ratio Lower Upper
113 100
111 104.9 82.4 123.6
192 17.0 14.9 22.3

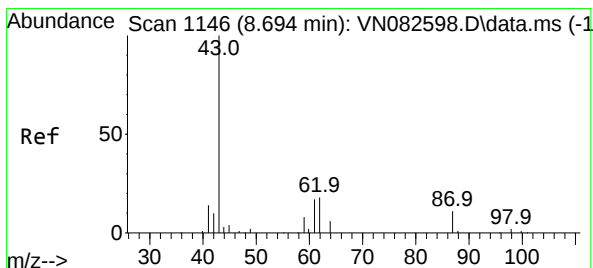
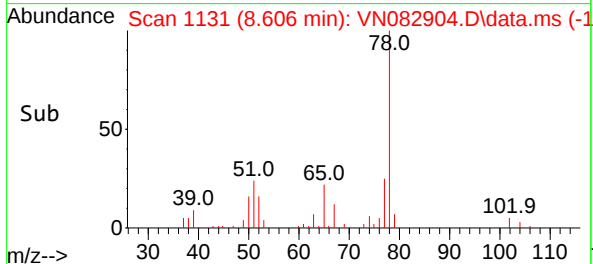
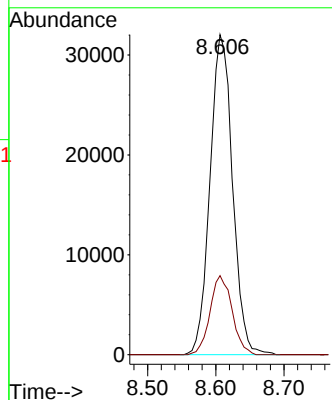
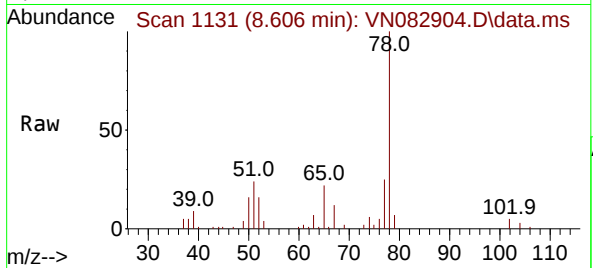




#40
Benzene
Concen: 14.726 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

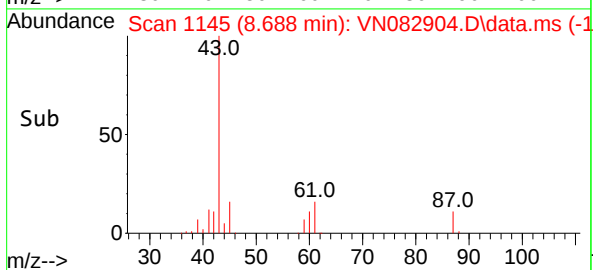
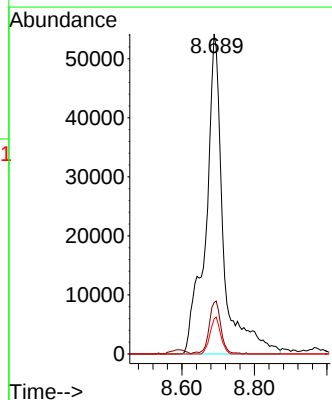
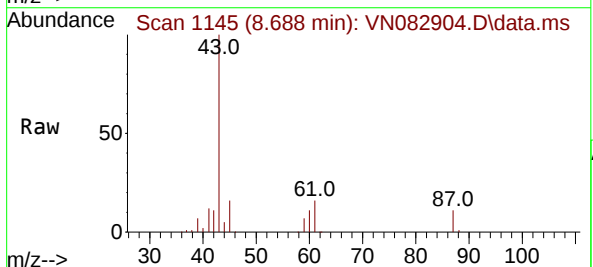
Instrument :
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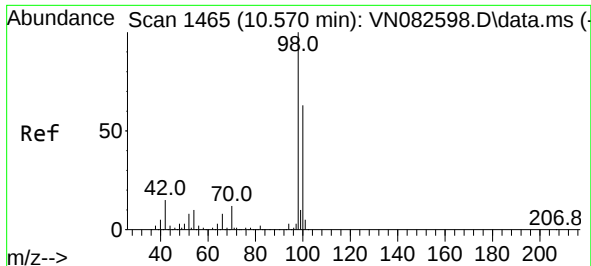
Tgt Ion: 78 Resp: 73727
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4



#43
Isopropyl Acetate
Concen: 58.933 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 43 Resp: 182477
Ion Ratio Lower Upper
43 100
61 11.0 17.8 26.6#
87 6.9 8.2 12.2#

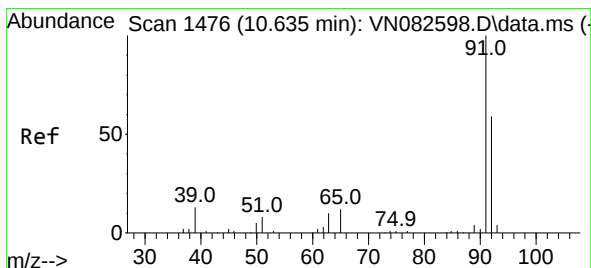
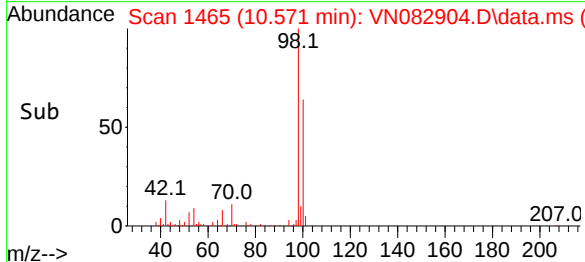
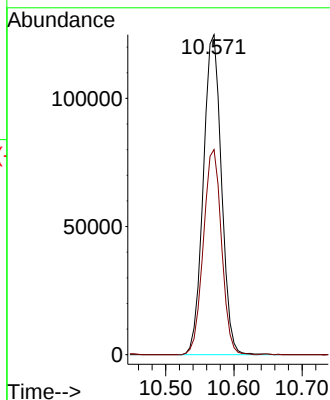
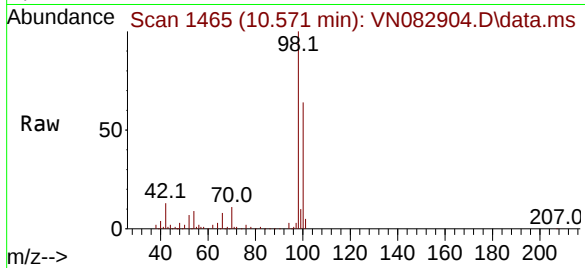




#50
Toluene-d8
Concen: 53.027 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

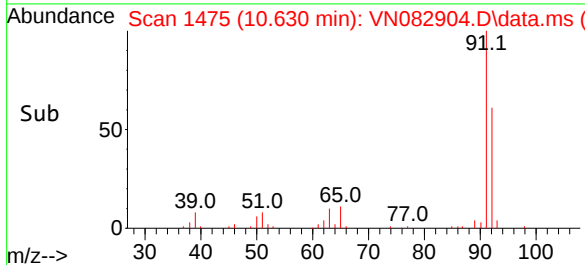
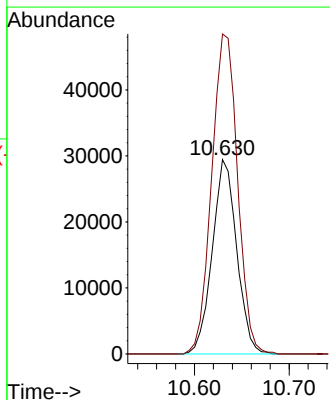
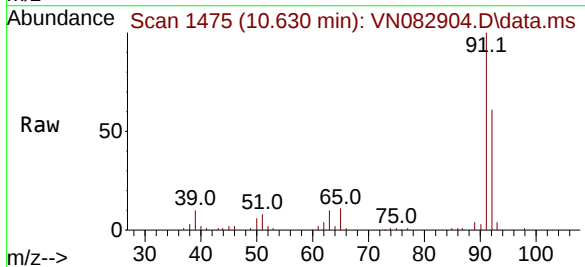
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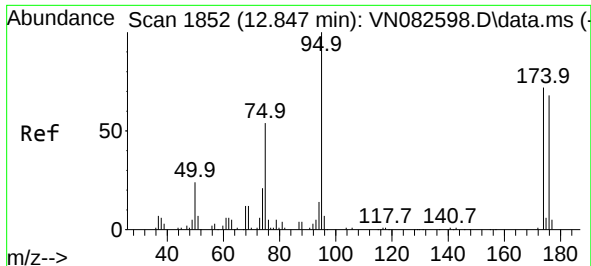
Tgt Ion: 98 Resp: 231199
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#52
Toluene
Concen: 16.882 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 92 Resp: 52798
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0

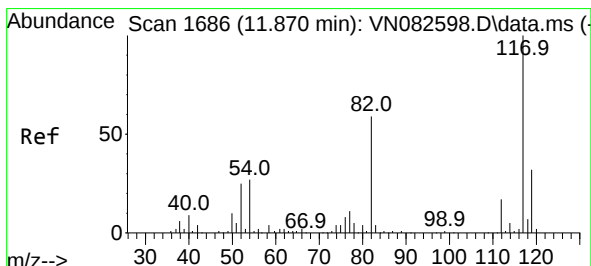
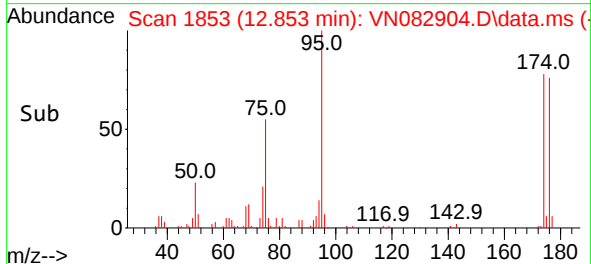
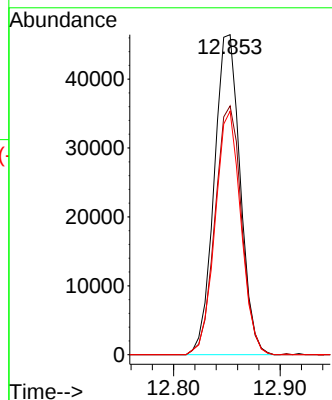
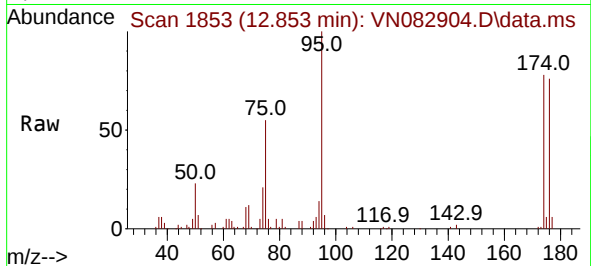




#62
4-Bromofluorobenzene
Concen: 50.299 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

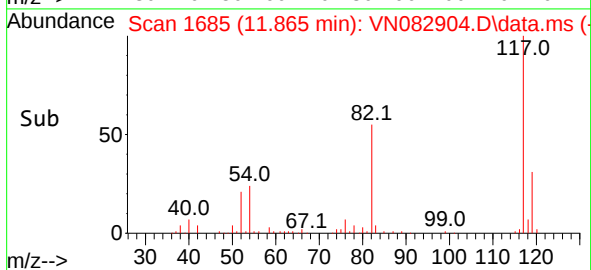
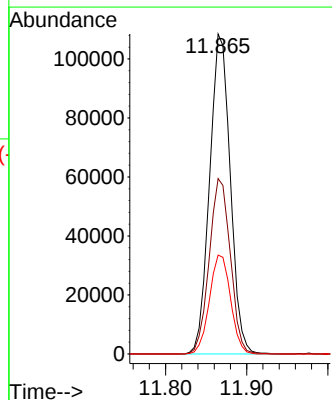
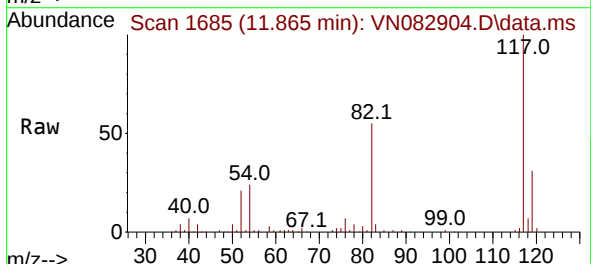
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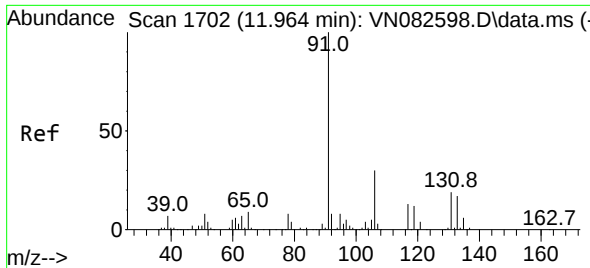
Tgt Ion: 95 Resp: 78777
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 75.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 117 Resp: 191609
Ion Ratio Lower Upper
117 100
82 54.8 47.5 71.3
119 30.9 25.6 38.4

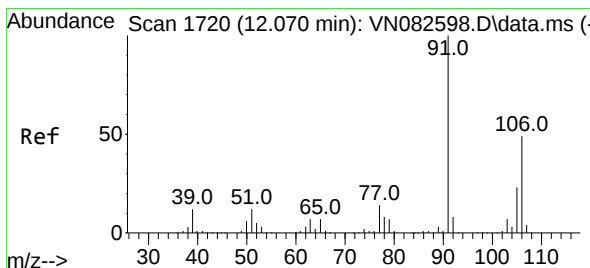
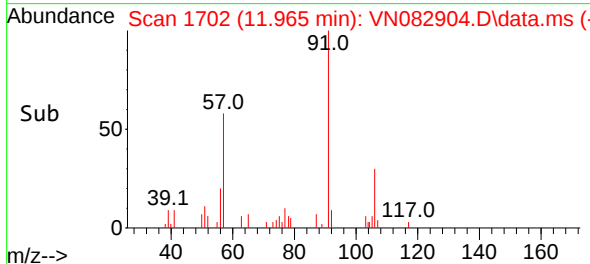
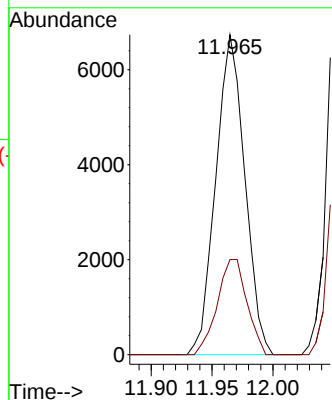
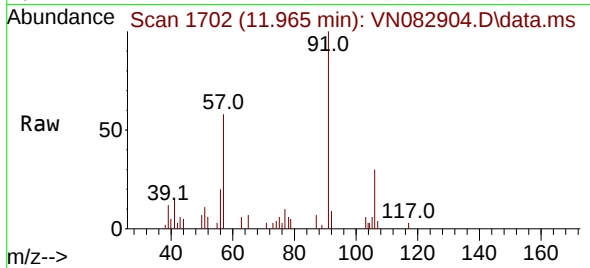




#67
Ethyl Benzene
Concen: 1.618 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.001 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

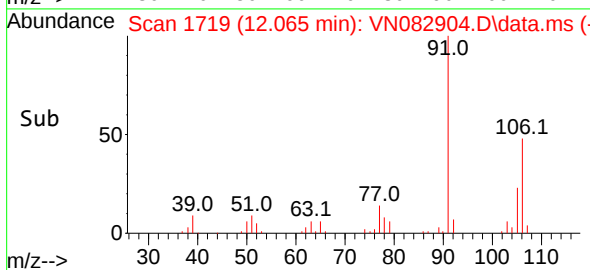
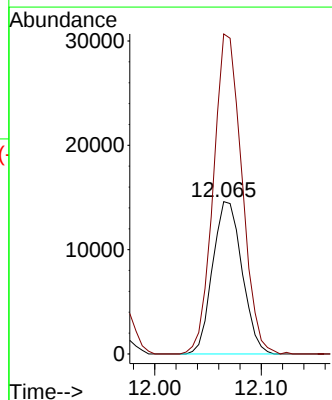
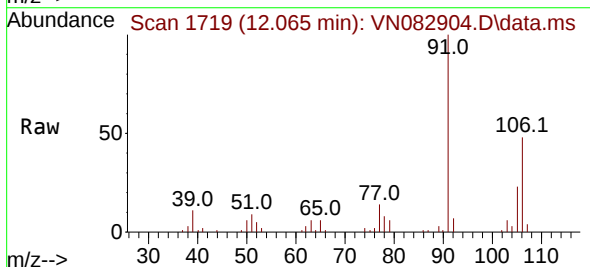
Instrument :
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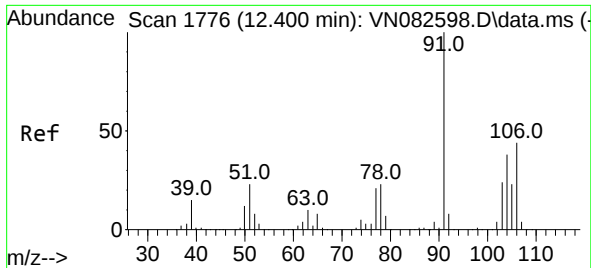
Tgt Ion: 91 Resp: 11166
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 10.757 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 106 Resp: 28025
Ion Ratio Lower Upper
106 100
91 203.1 166.1 249.1

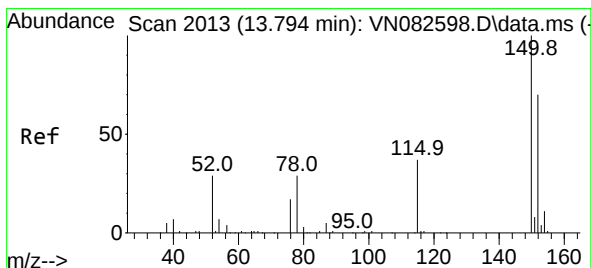
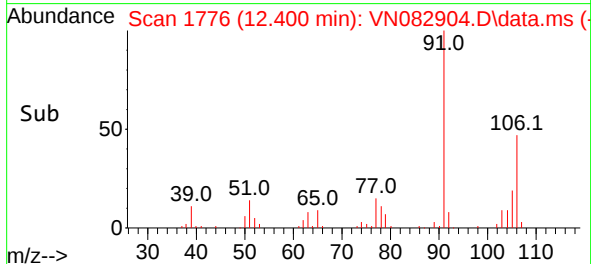
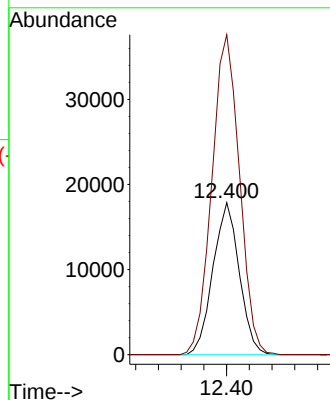
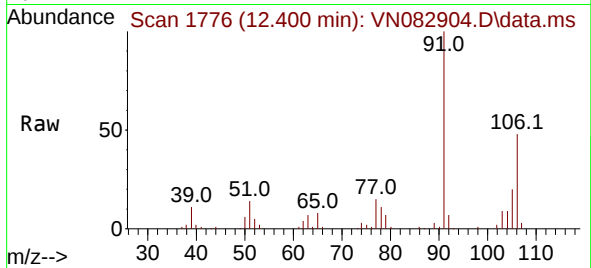




#69
o-Xylene
Concen: 11.516 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

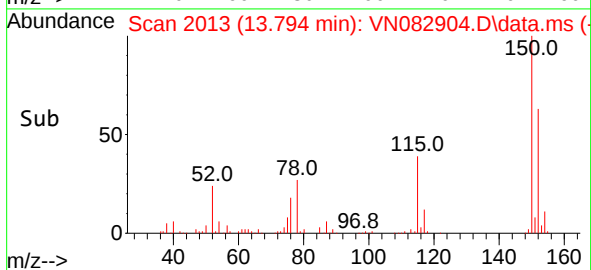
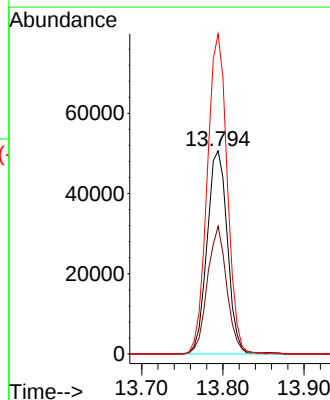
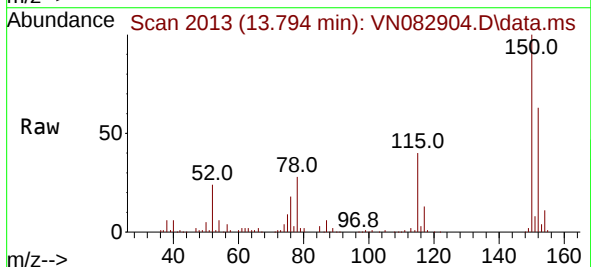
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-21

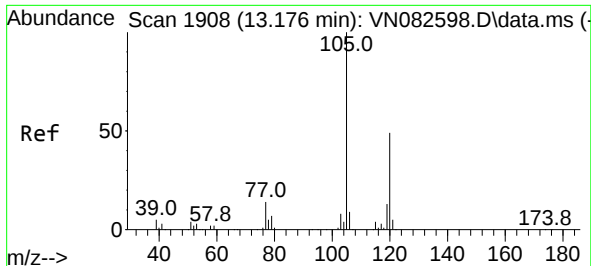
Tgt Ion:106 Resp: 28749
Ion Ratio Lower Upper
106 100
91 220.8 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Tgt Ion:152 Resp: 87655
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.6
150 155.2 0.0 348.6

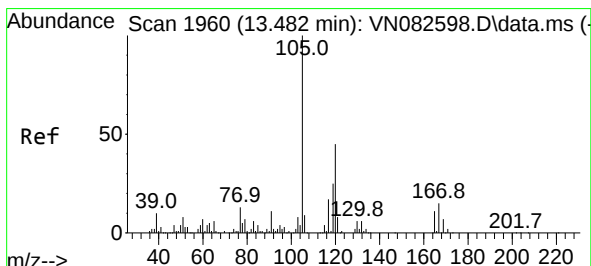
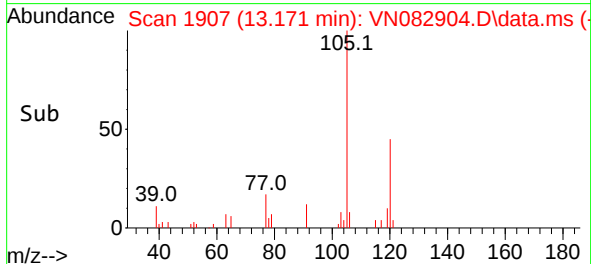
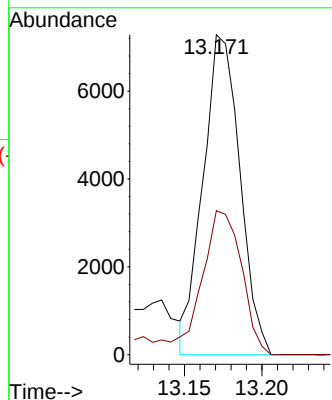
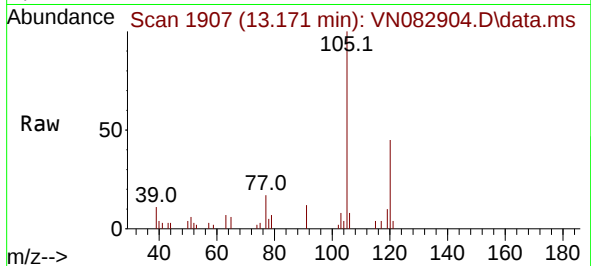




#80
 1,3,5-Trimethylbenzene
 Concen: 2.336 ug/l
 RT: 13.171 min Scan# 1908
 Delta R.T. -0.005 min
 Lab File: VN082904.D
 Acq: 12 Jul 2024 17:05

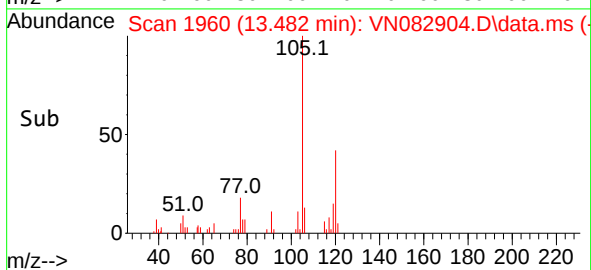
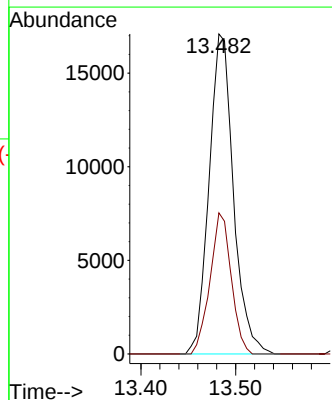
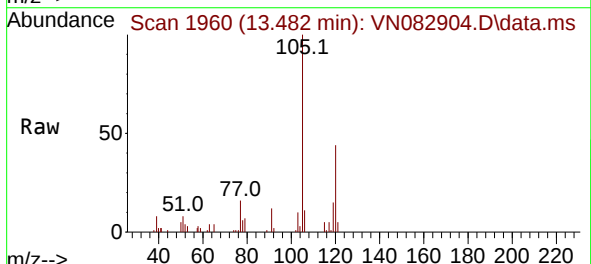
Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-21

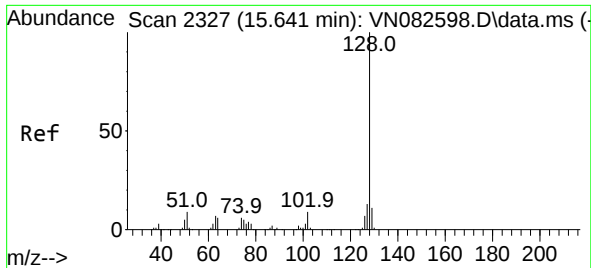
Tgt Ion:105 Resp: 12025
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.798 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082904.D
 Acq: 12 Jul 2024 17:05

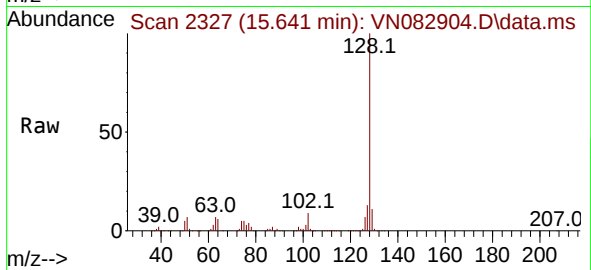
Tgt Ion:105 Resp: 30423
 Ion Ratio Lower Upper
 105 100
 120 38.4 21.9 65.8





#95
Naphthalene
Concen: 422.360 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082904.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
380AVEC-21



Tgt Ion:128 Resp: 2245789

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.6	12.8

