

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083980.D
 Acq On : 18 Sep 2024 14:15
 Operator : JC\MD
 Sample : P4030-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A-08-202409

Quant Time: Sep 19 01:33:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

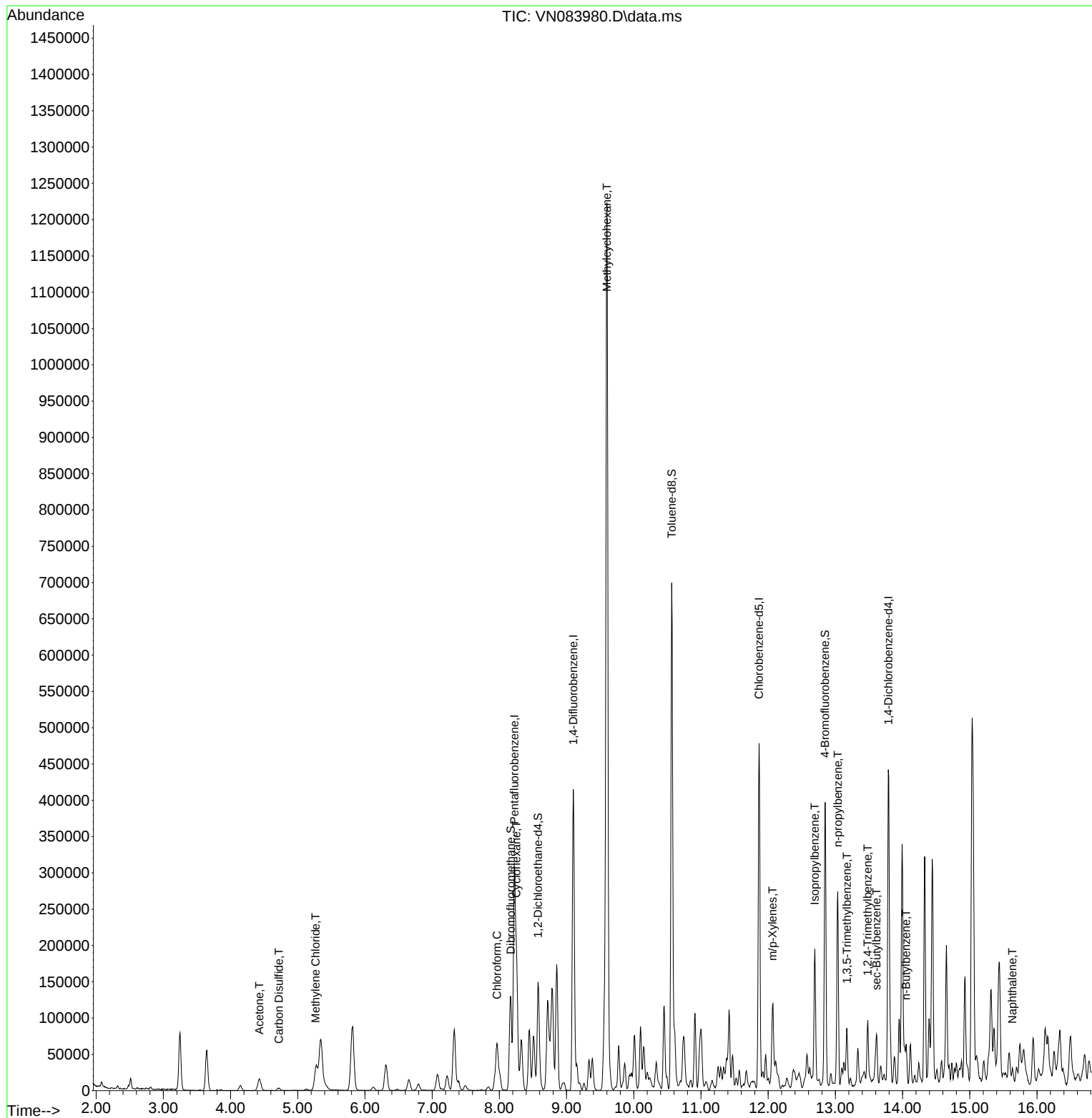
Internal Standards						
1) Pentafluorobenzene	8.224	168	171706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126320	48.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.580%		
35) Dibromofluoromethane	8.171	113	89665	48.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.565	98	353061	55.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.560%		
62) 4-Bromofluorobenzene	12.847	95	134673	51.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.220%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	22596	21.771	ug/l #	87
17) Carbon Disulfide	4.718	76	6743	1.298	ug/l	100
20) Methylene Chloride	5.265	84	3411	1.606	ug/l #	71
30) Chloroform	7.965	83	66926	16.063	ug/l	97
31) Cyclohexane	8.253	56	99676	26.637	ug/l	99
39) Methylcyclohexane	9.600	83	516420	163.170	ug/l	98
68) m/p-Xylenes	12.064	106	34626	9.834	ug/l	100
73) Isopropylbenzene	12.694	105	119831	14.173	ug/l	99
78) n-propylbenzene	13.035	91	204348	20.772	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	33250	4.664	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	47011	6.565	ug/l	100
85) sec-Butylbenzene	13.611	105	42966	5.195	ug/l #	78
89) n-Butylbenzene	14.053	91	32148	5.164	ug/l #	79
95) Naphthalene	15.635	128	16885	2.790	ug/l	95

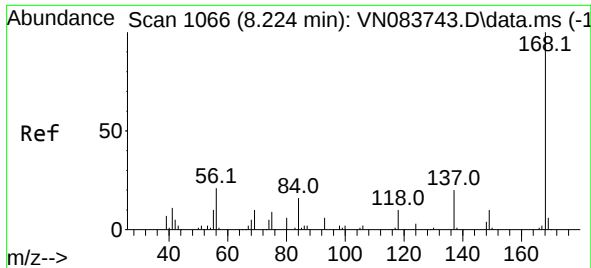
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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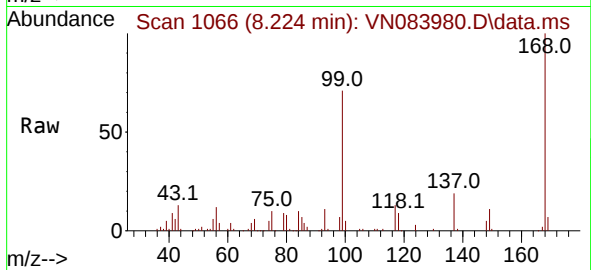
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



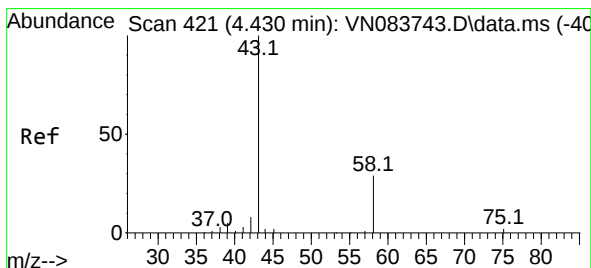
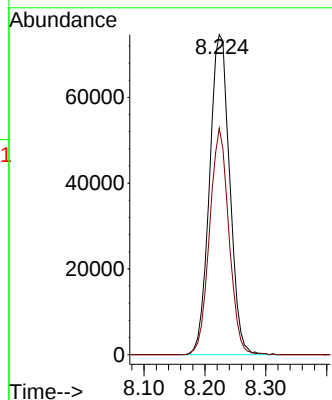
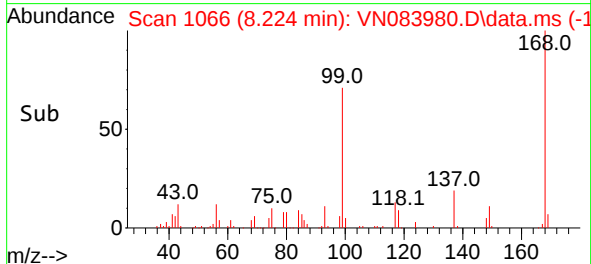


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

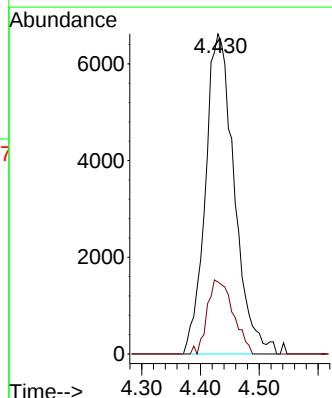
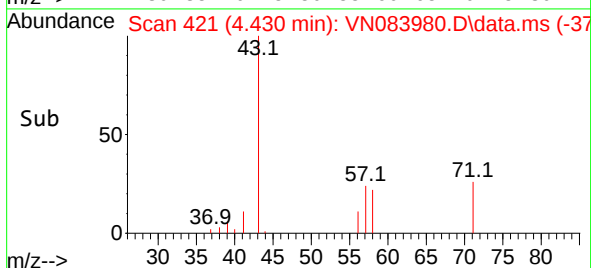
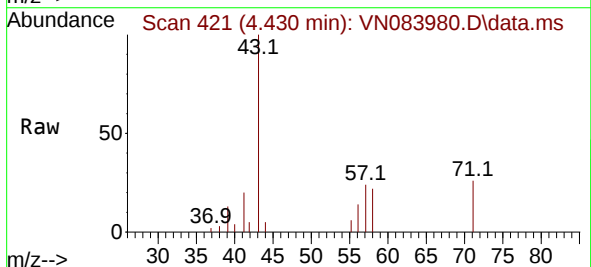


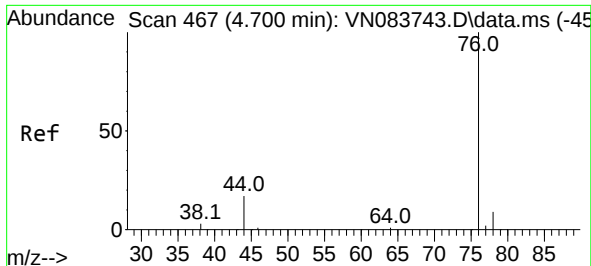
Tgt Ion:168 Resp: 171706
Ion Ratio Lower Upper
168 100
99 70.8 54.2 81.2



#16
Acetone
Concen: 21.771 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 43 Resp: 22596
Ion Ratio Lower Upper
43 100
58 22.5 23.7 35.5#

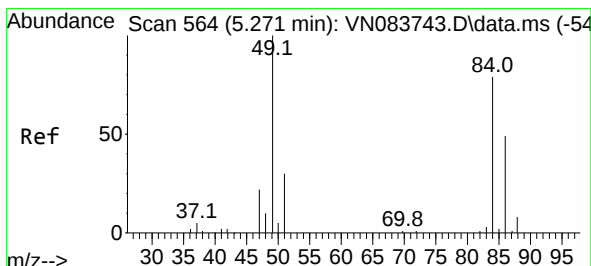
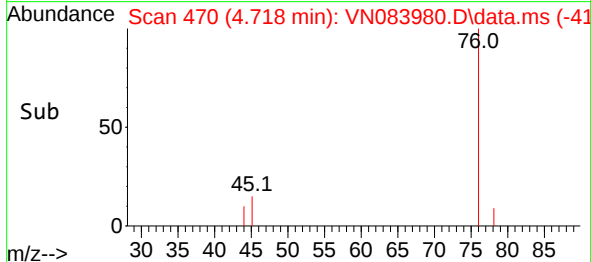
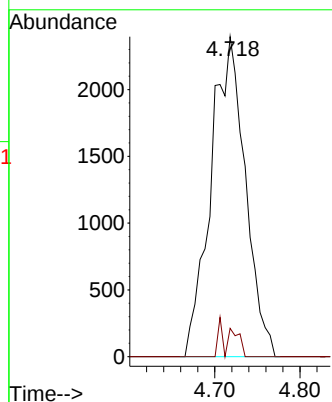
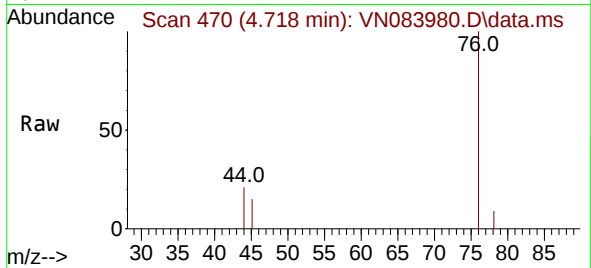




#17
Carbon Disulfide
Concen: 1.298 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

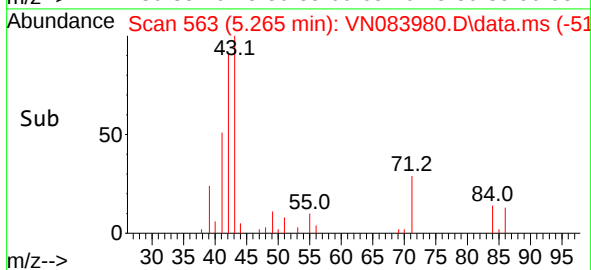
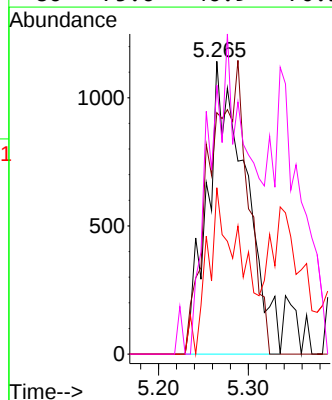
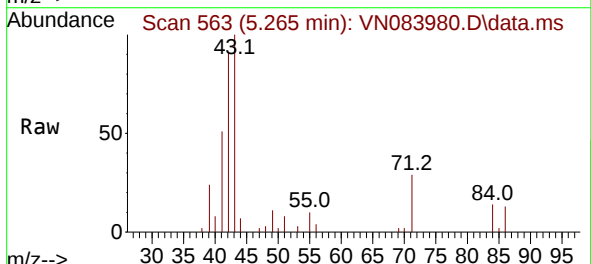
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

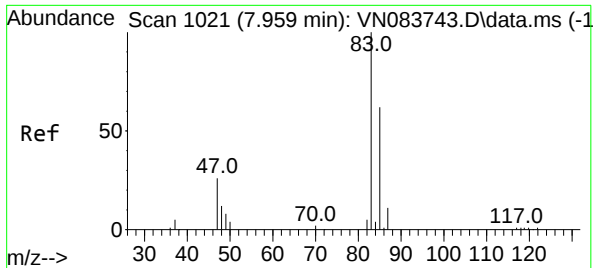
Tgt Ion: 76 Resp: 6743
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#20
Methylene Chloride
Concen: 1.606 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 84 Resp: 3411
Ion Ratio Lower Upper
84 100
49 82.5 93.4 140.0#
51 56.8 29.2 43.8#
86 75.6 46.9 70.3#

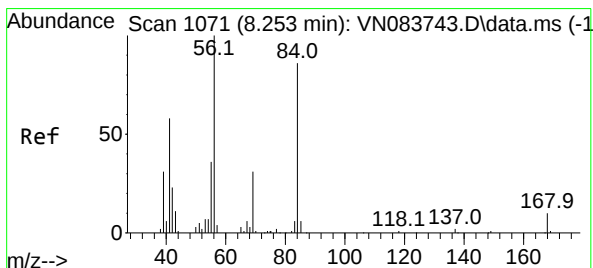
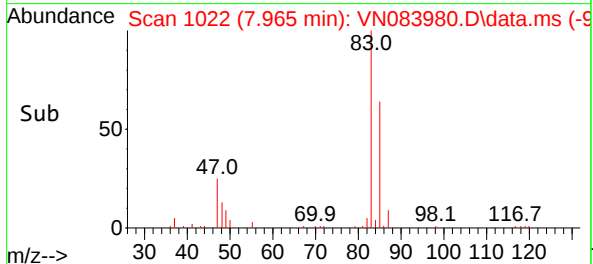
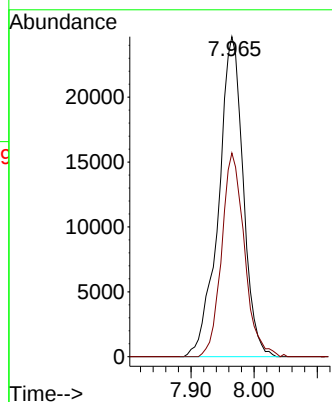
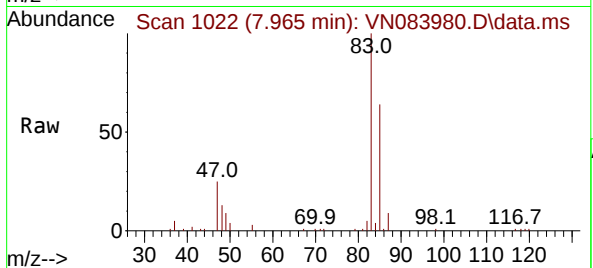




#30
Chloroform
Concen: 16.063 ug/l
RT: 7.965 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

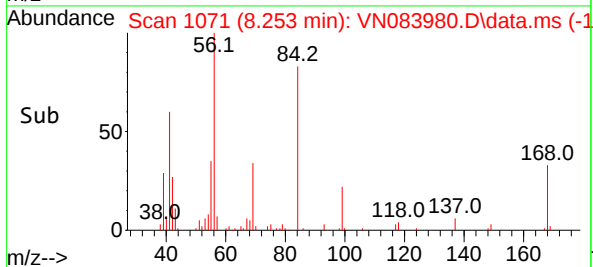
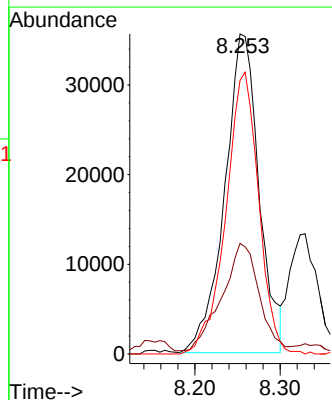
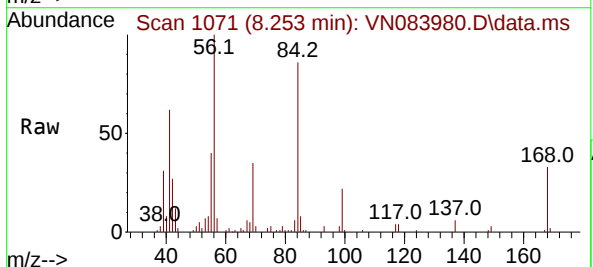
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

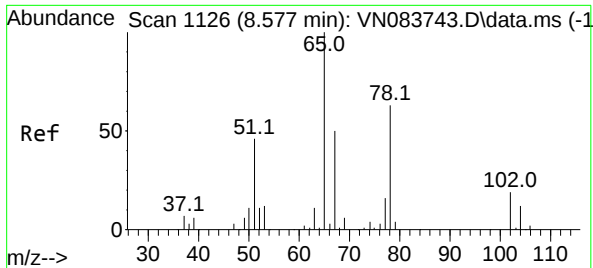
Tgt Ion: 83 Resp: 66926
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2



#31
Cyclohexane
Concen: 26.637 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 56 Resp: 99676
Ion Ratio Lower Upper
56 100
69 33.7 26.9 40.3
84 85.9 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 48.789 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

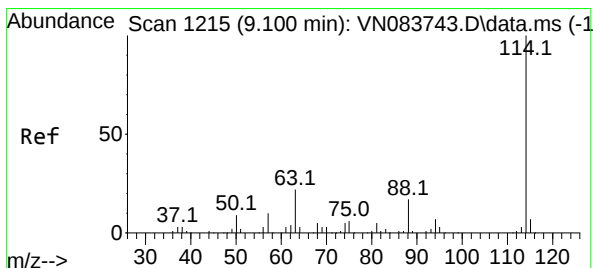
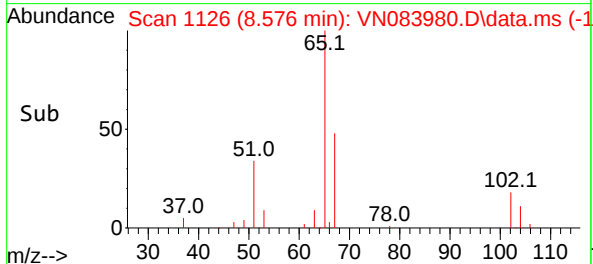
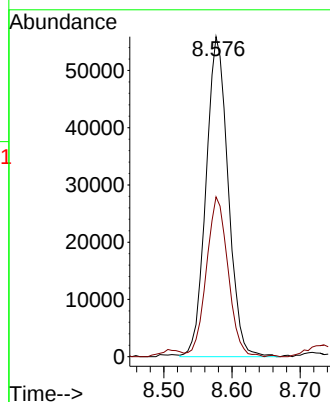
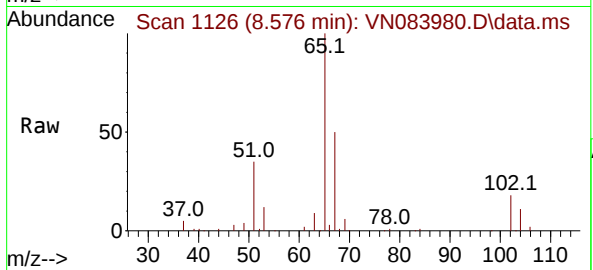
WC-A-08-202409

Tgt Ion: 65 Resp: 126320

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083980.D

Acq: 18 Sep 2024 14:15

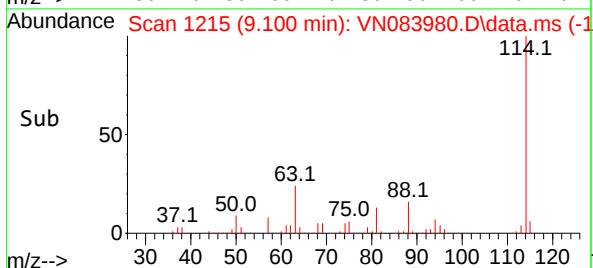
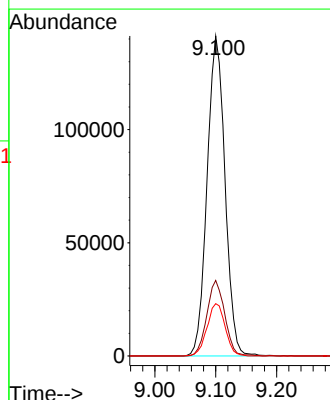
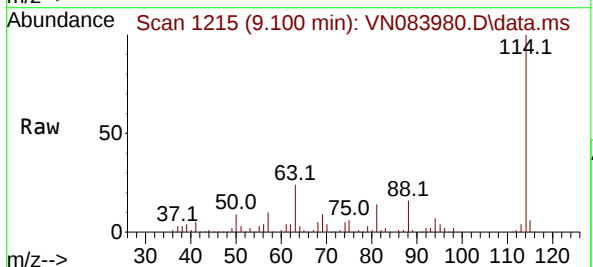
Tgt Ion: 114 Resp: 288563

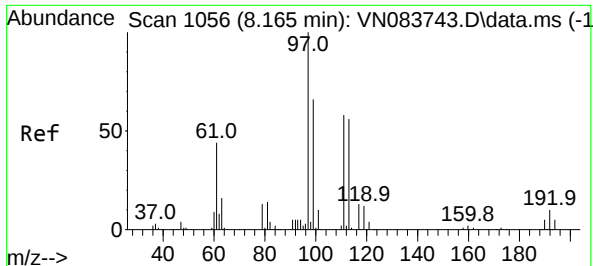
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

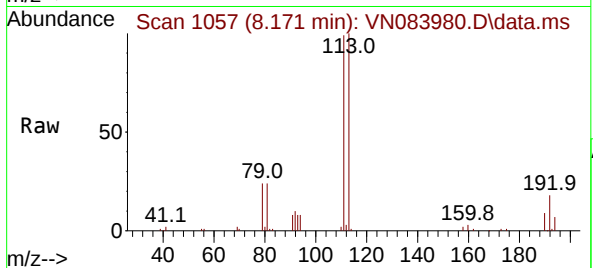
88 16.3 0.0 32.6



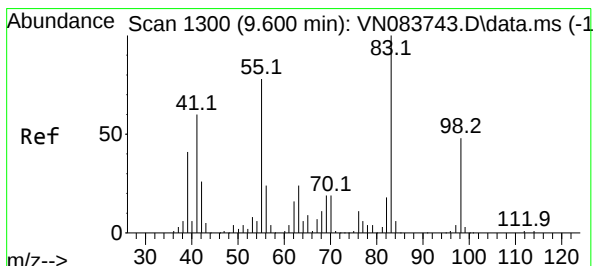
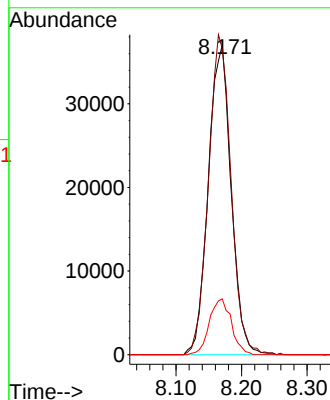
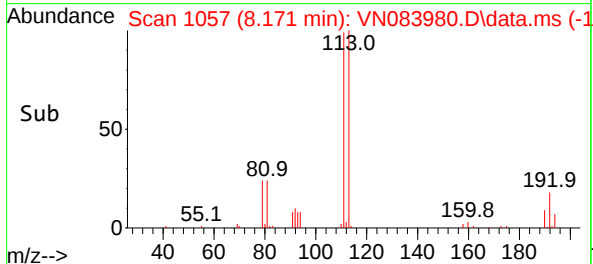


#35
Dibromofluoromethane
Concen: 48.537 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

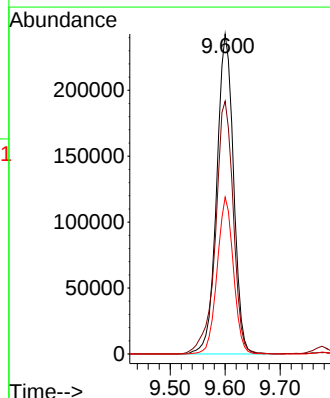
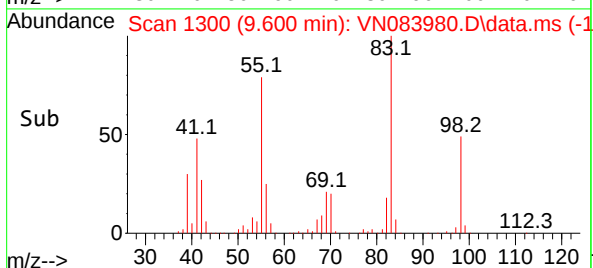
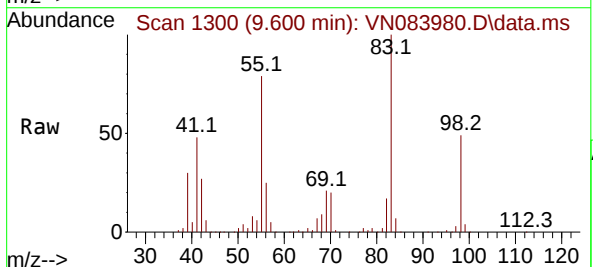


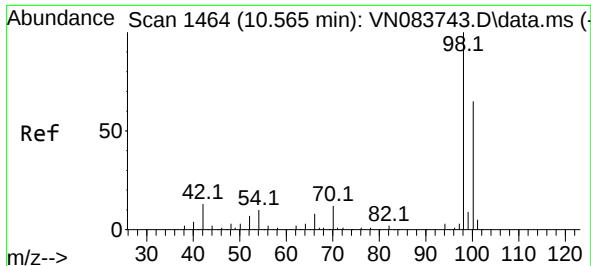
Tgt Ion:113 Resp: 89665
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 17.3 14.3 21.5



#39
Methylcyclohexane
Concen: 163.170 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 83 Resp: 516420
Ion Ratio Lower Upper
83 100
55 78.9 62.2 93.4
98 49.0 37.6 56.4

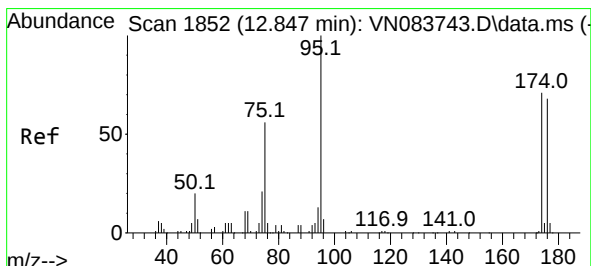
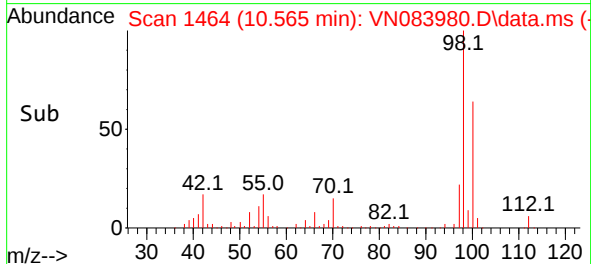
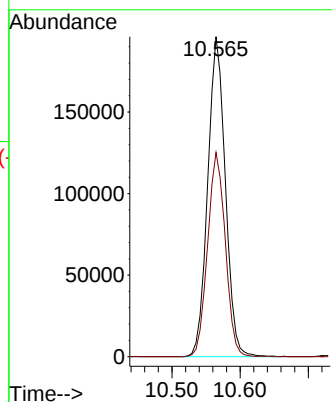
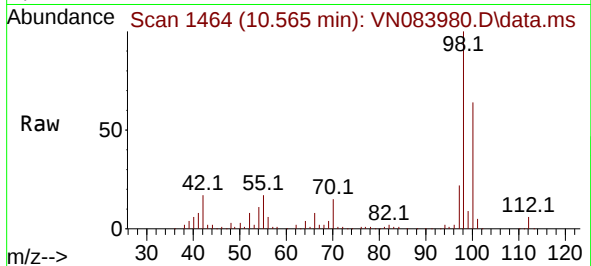




#50
Toluene-d8
Concen: 55.284 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

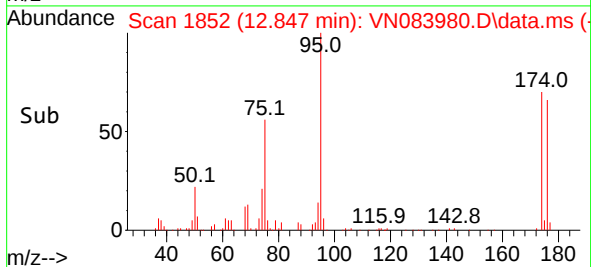
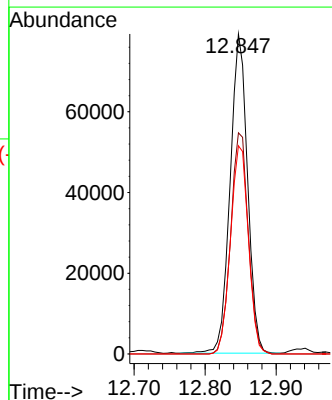
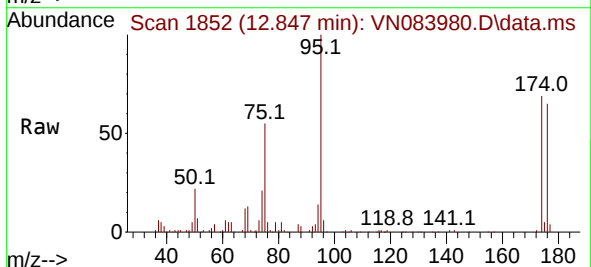
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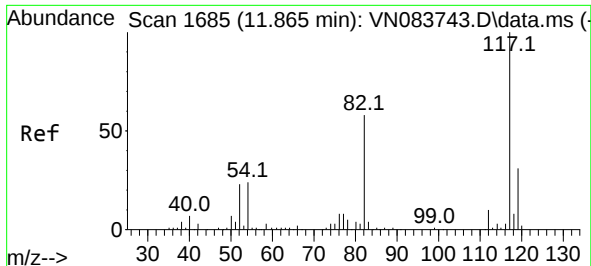
Tgt Ion: 98 Resp: 353061
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 95 Resp: 134673
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 67.0 0.0 131.4

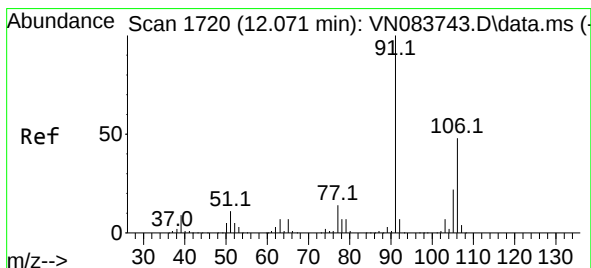
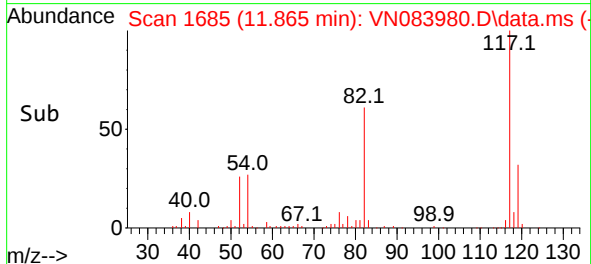
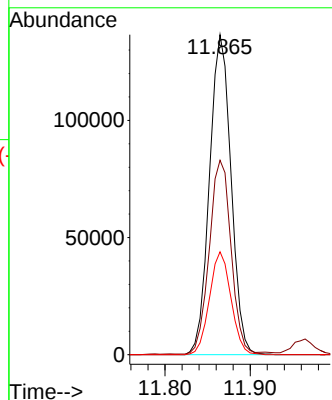
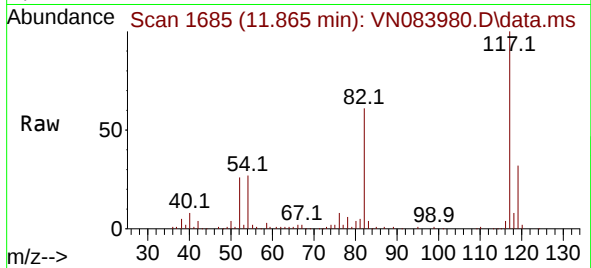




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

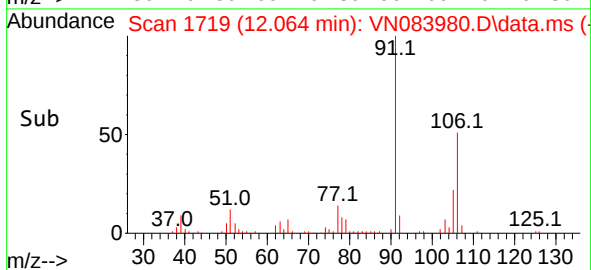
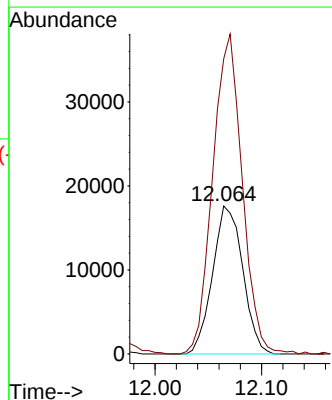
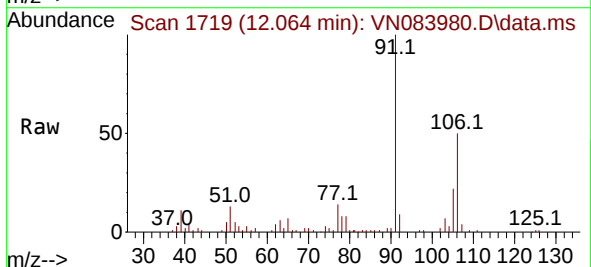
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

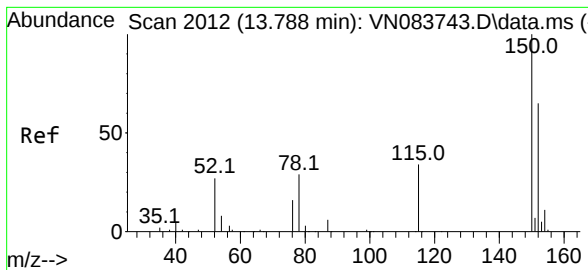
Tgt Ion:117 Resp: 240211
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 32.2 26.3 39.5



#68
m/p-Xylenes
Concen: 9.834 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion:106 Resp: 34626
Ion Ratio Lower Upper
106 100
91 211.7 169.2 253.8

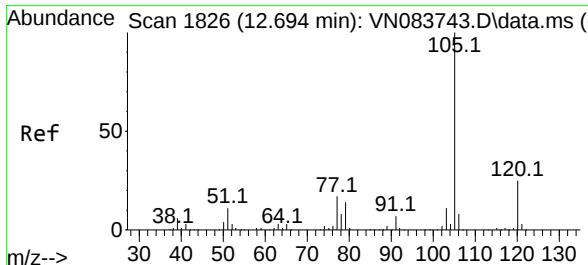
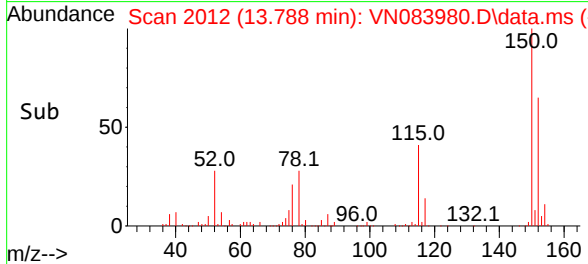
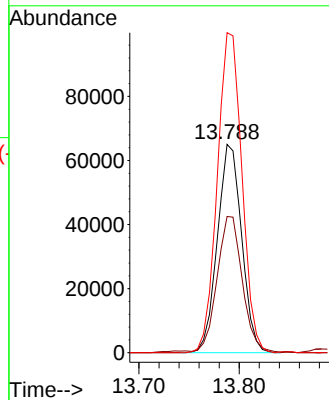
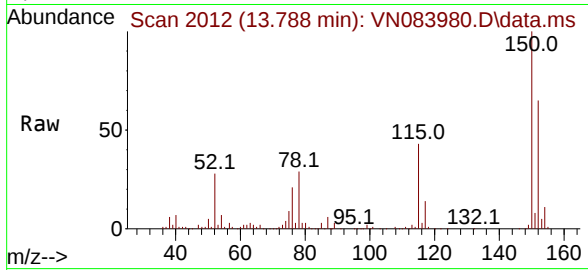




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

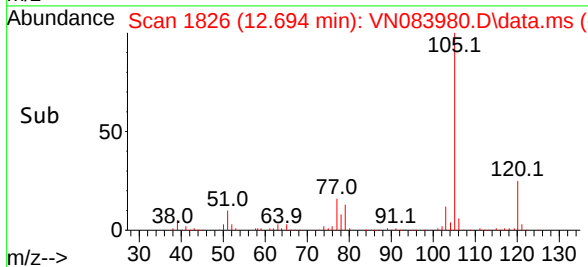
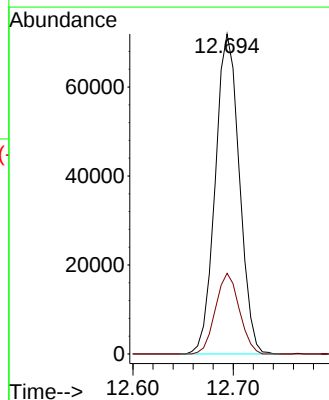
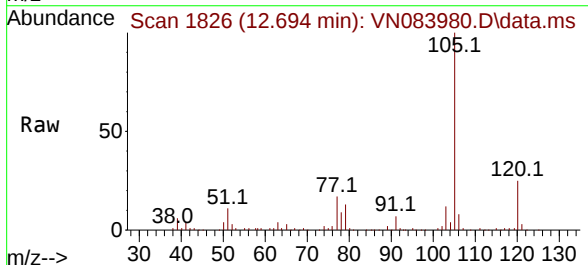
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

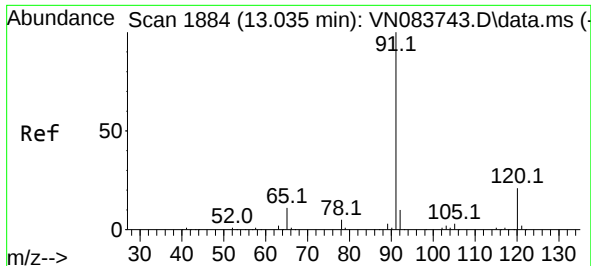
Tgt Ion:152 Resp: 109285
Ion Ratio Lower Upper
152 100
115 68.1 32.2 96.6
150 155.9 0.0 348.6



#73
Isopropylbenzene
Concen: 14.173 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion:105 Resp: 119831
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8

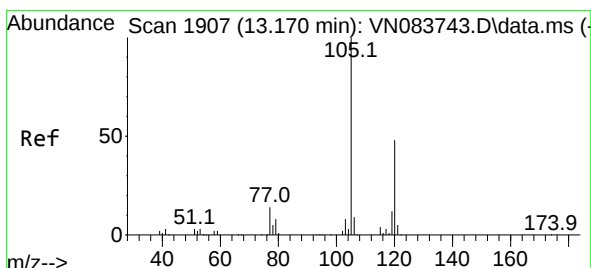
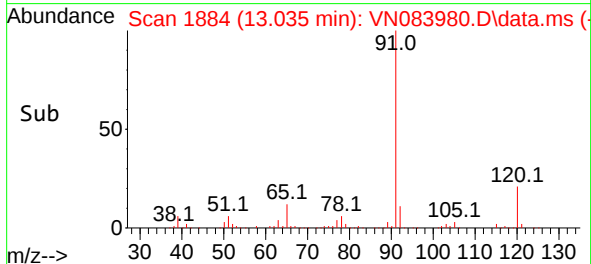
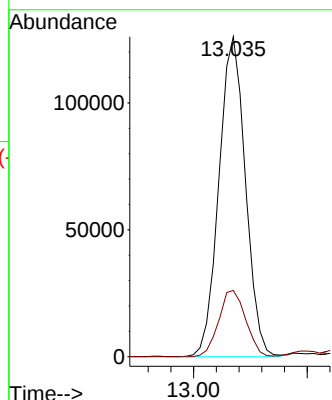
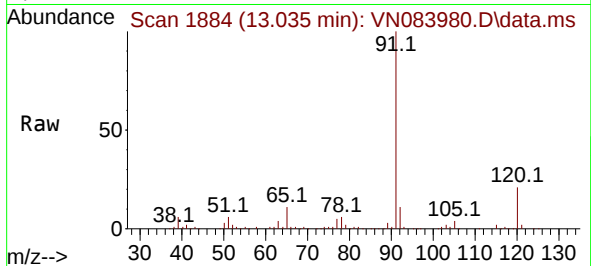




#78
n-propylbenzene
Concen: 20.772 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

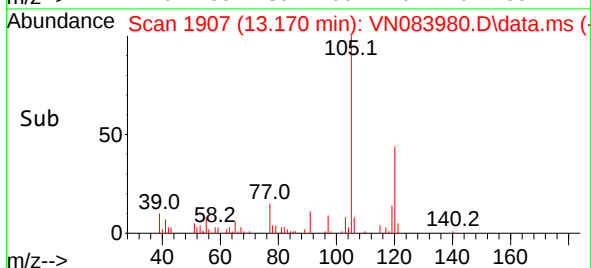
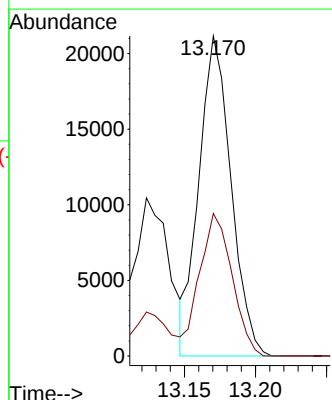
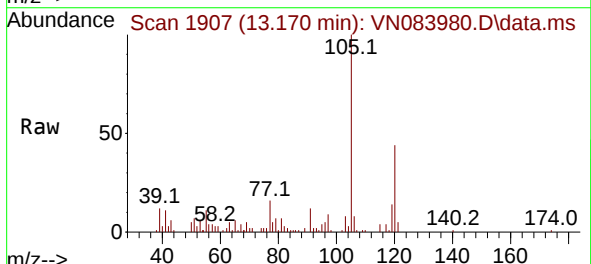
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

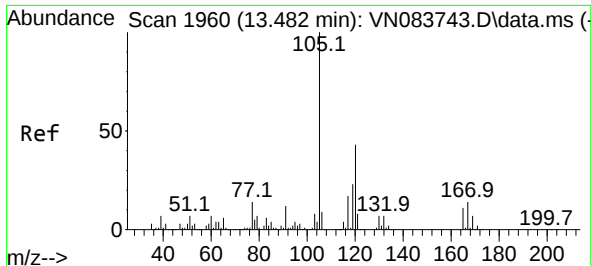
Tgt Ion: 91 Resp: 204348
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 4.664 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 105 Resp: 33250
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.3

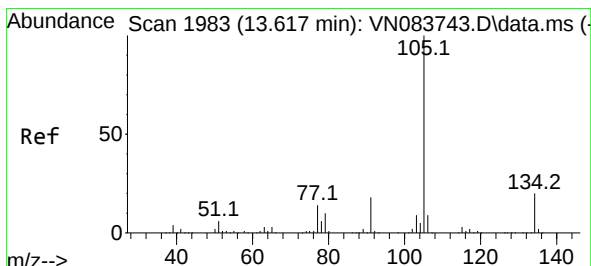
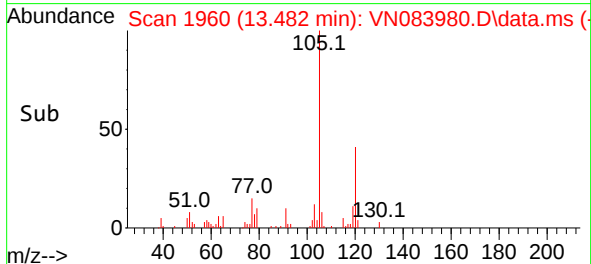
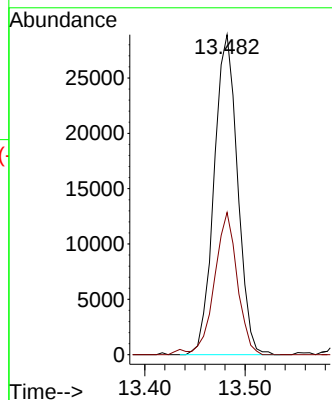
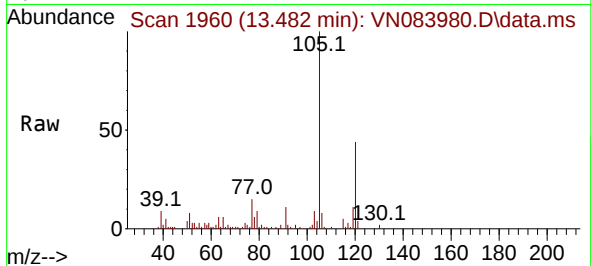




#84
1,2,4-Trimethylbenzene
Concen: 6.565 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

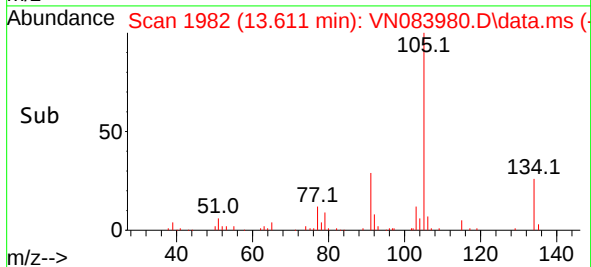
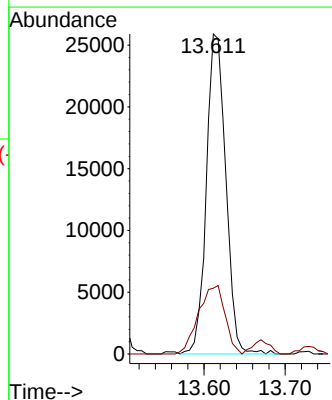
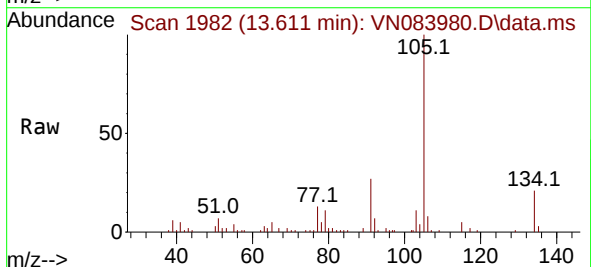
Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

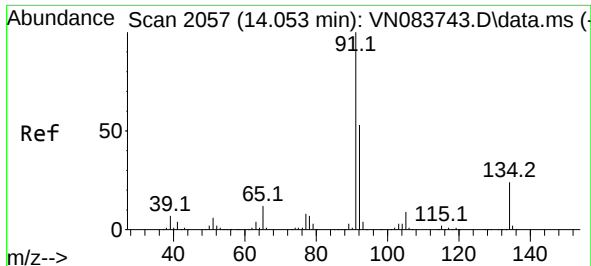
Tgt Ion:105 Resp: 47011
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4



#85
sec-Butylbenzene
Concen: 5.195 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion:105 Resp: 42966
Ion Ratio Lower Upper
105 100
134 29.2 9.7 29.1#

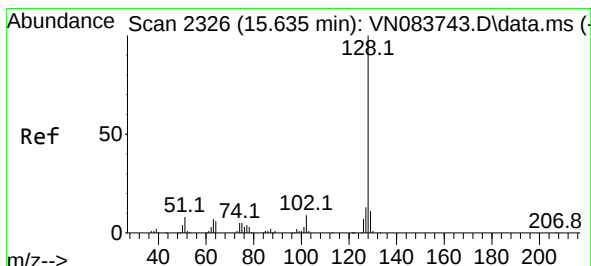
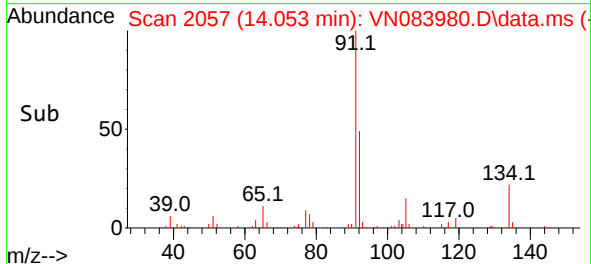
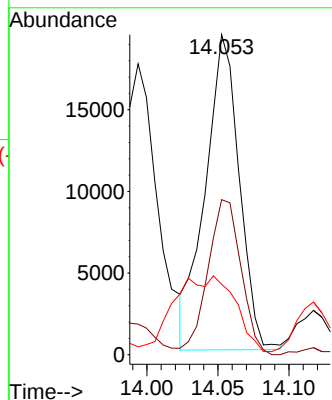
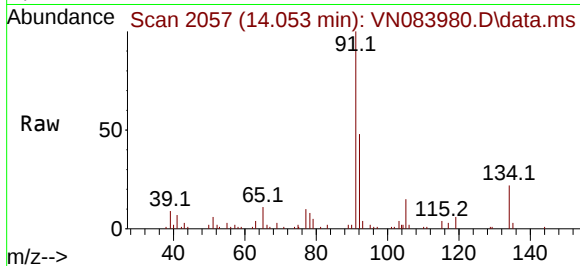




#89
n-Butylbenzene
Concen: 5.164 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
WC-A-08-202409

Tgt Ion: 91	Resp: 32148
Ion Ratio	Lower Upper
91	100
92	48.0 26.7 80.1
134	0.0 12.2 36.4#



#95
Naphthalene
Concen: 2.790 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN083980.D
Acq: 18 Sep 2024 14:15

Tgt Ion: 128	Resp: 16885
Ion Ratio	Lower Upper
128	100
127	14.8 10.2 15.2
129	8.8 8.7 13.1

