

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084330.D
 Acq On : 07 Oct 2024 13:32
 Operator : JC\MD
 Sample : P4275-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1300ME

Quant Time: Oct 08 03:57:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

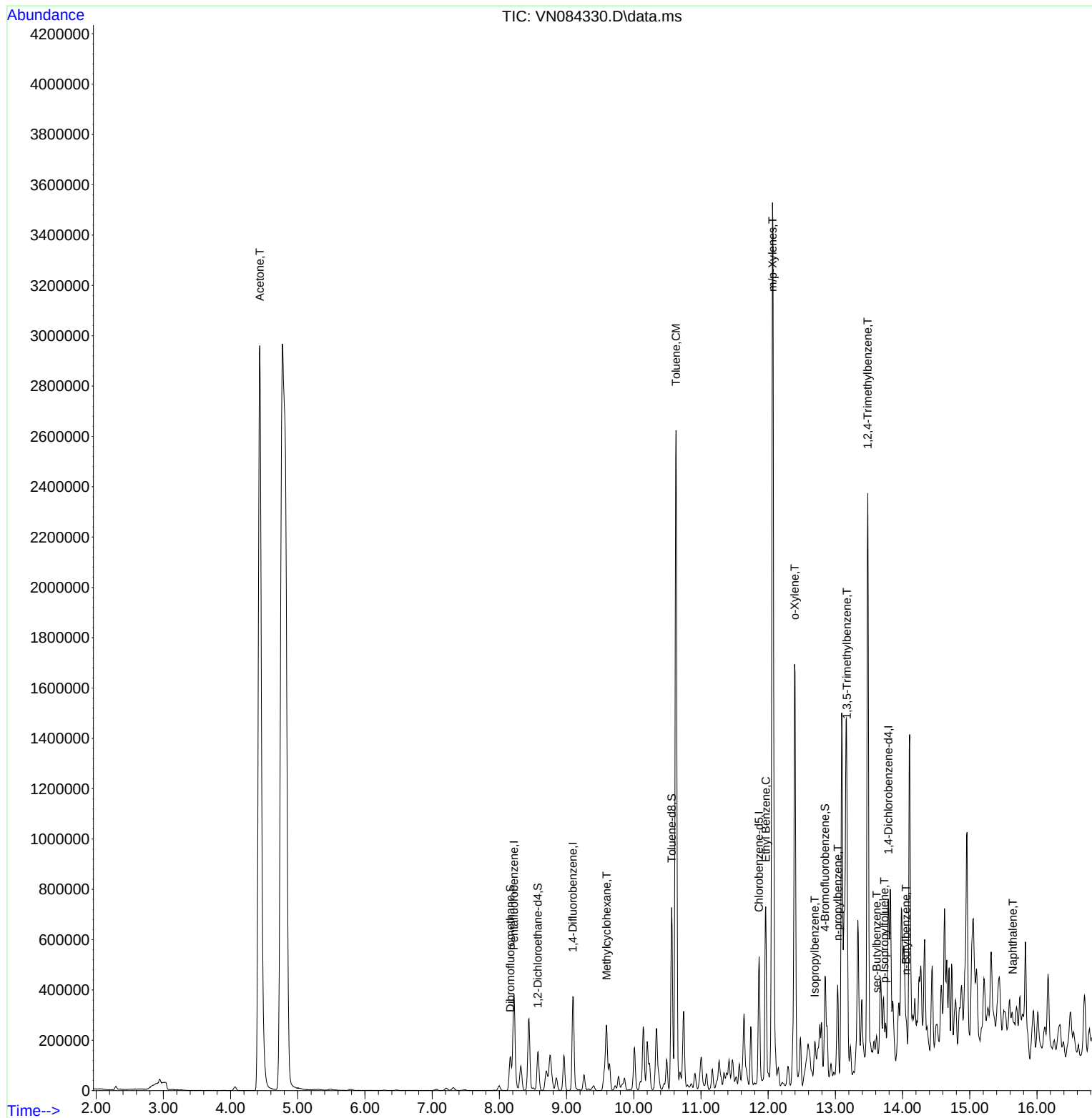
Internal Standards						
1) Pentafluorobenzene	8.218	168	186655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	315773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124025	44.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.620%
35) Dibromofluoromethane	8.165	113	96545	46.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	10.565	98	394117	51.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.847	95	140081	50.203	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.400%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	6247802	5255.275	ug/l	97
39) Methylcyclohexane	9.594	83	92994	27.632	ug/l	96
52) Toluene	10.629	92	1159314	201.791	ug/l	99
67) Ethyl Benzene	11.965	91	502283	46.279	ug/l	99
68) m/p-Xylenes	12.065	106	982856	244.810	ug/l	100
69) o-Xylene	12.394	106	451480	118.859	ug/l	99
73) Isopropylbenzene	12.694	105	73069	7.476	ug/l	97
78) n-propylbenzene	13.035	91	283006	24.993	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	367056	46.042	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	1330005	165.608	ug/l	99
85) sec-Butylbenzene	13.617	105	54302	5.743	ug/l #	77
86) p-Isopropyltoluene	13.729	119	32863	4.203	ug/l	99
89) n-Butylbenzene	14.053	91	76449	10.783	ug/l #	78
95) Naphthalene	15.641	128	69396	9.800	ug/l #	94

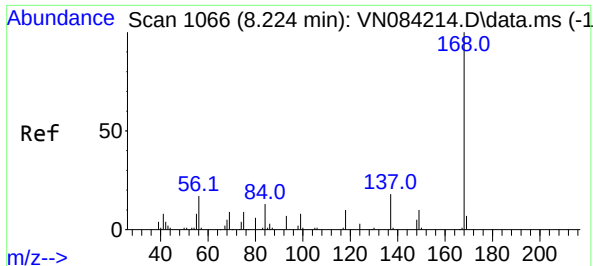
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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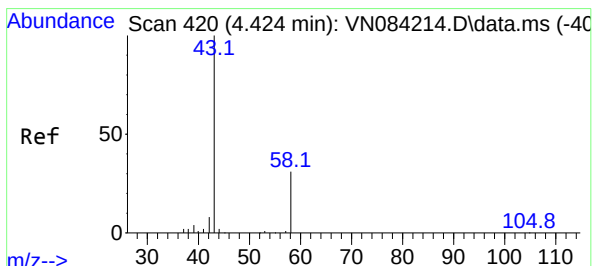
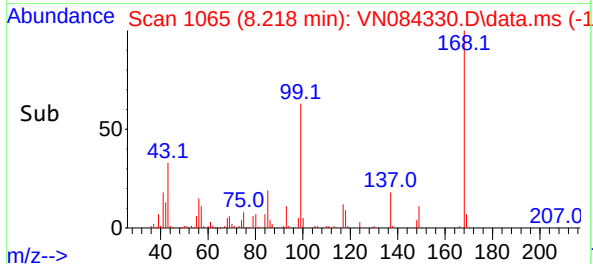
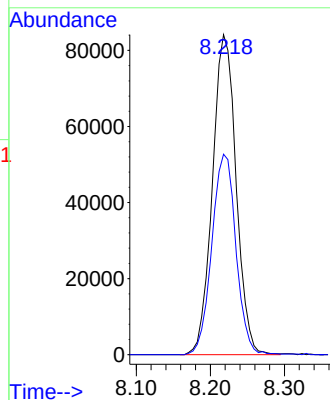
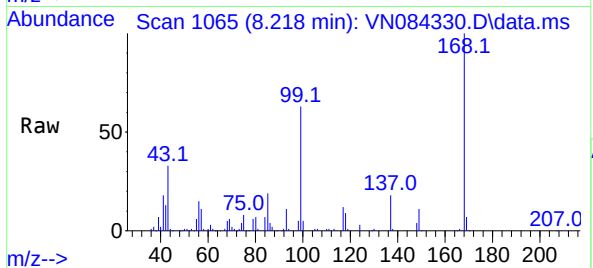




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

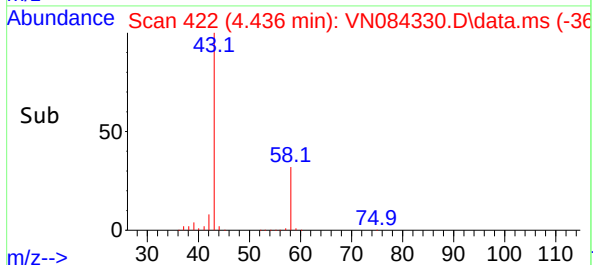
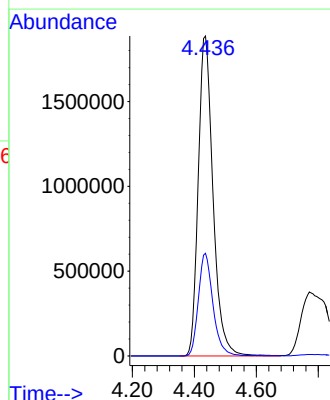
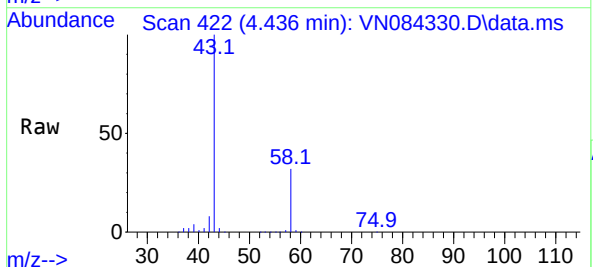
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

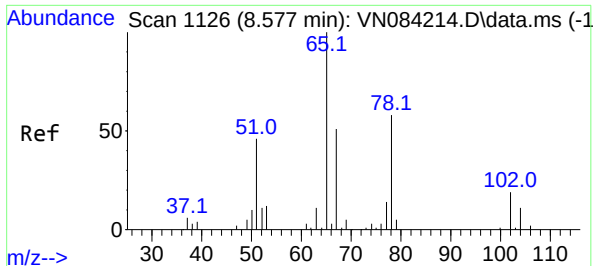
Tgt Ion:168 Resp: 186655
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#16
Acetone
Concen: 5255.275 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion: 43 Resp: 6247802
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

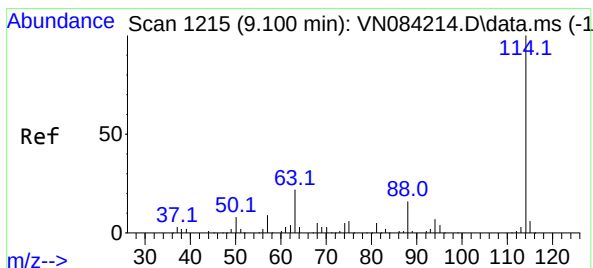
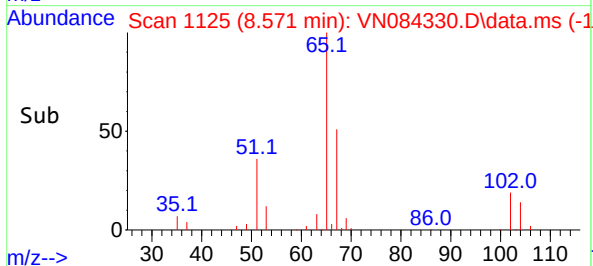
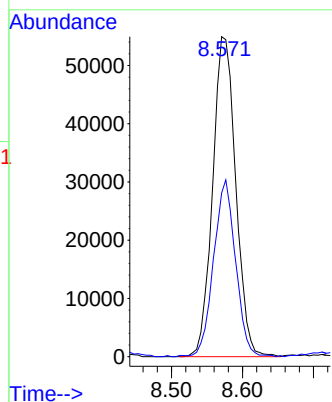
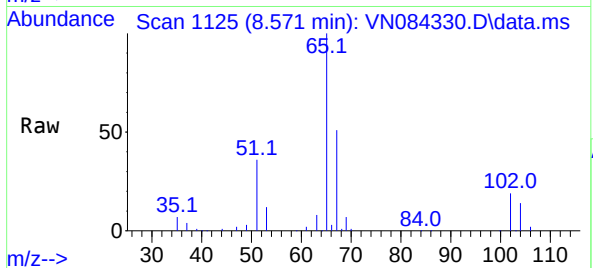




#33
1,2-Dichloroethane-d4
Concen: 44.815 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

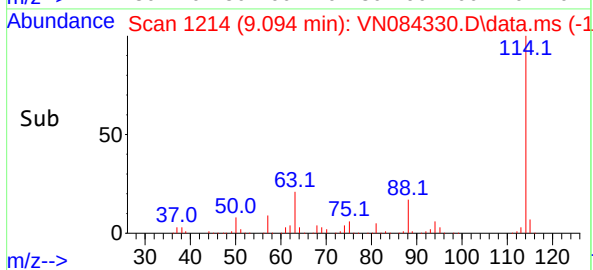
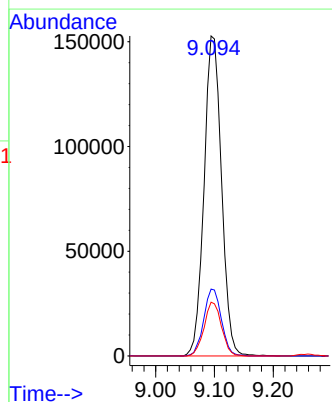
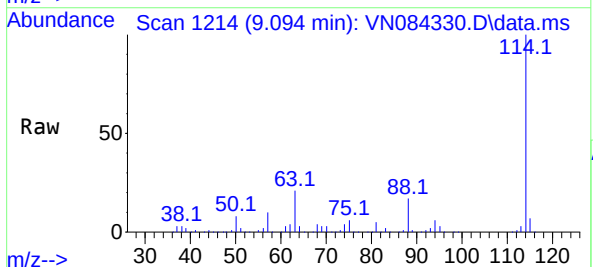
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

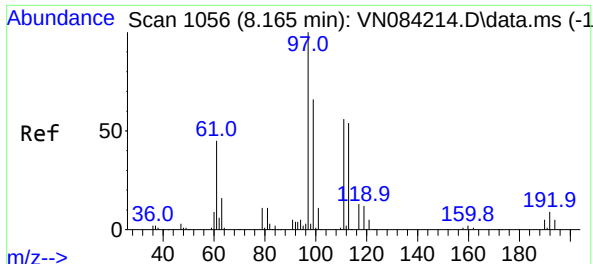
Tgt Ion: 65 Resp: 124025
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

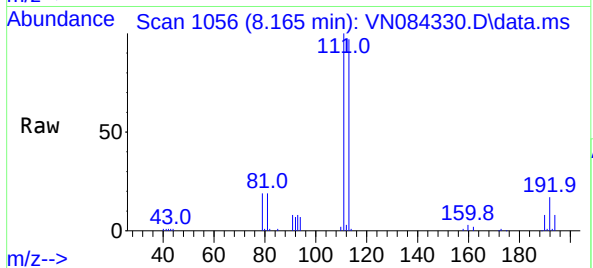
Tgt Ion: 114 Resp: 315773
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 16.8 0.0 31.6



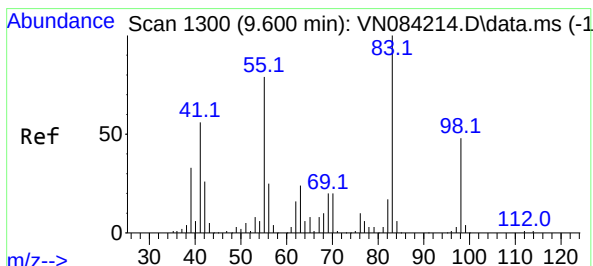
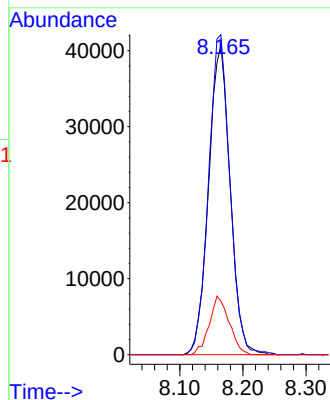
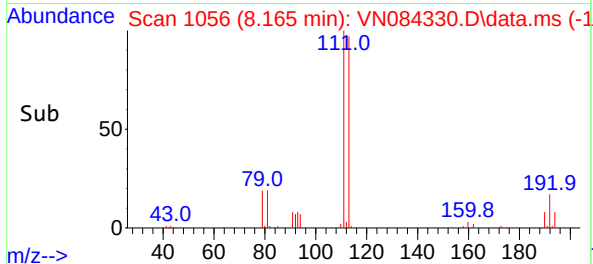


#35
Dibromofluoromethane
Concen: 46.376 ug/l
RT: 8.165 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

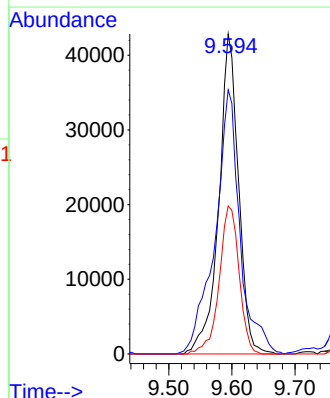
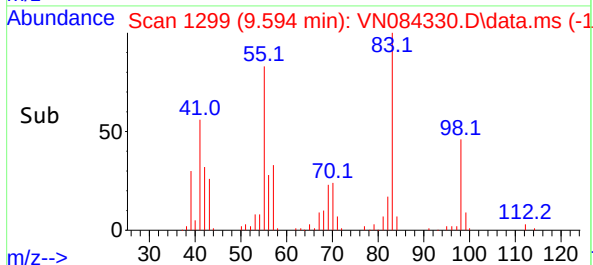
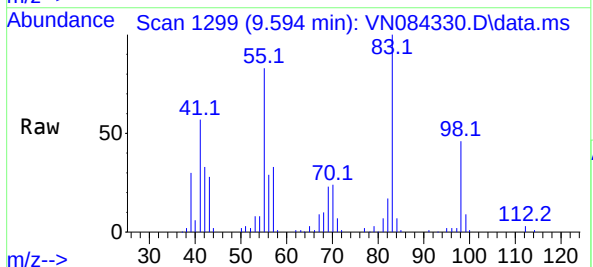


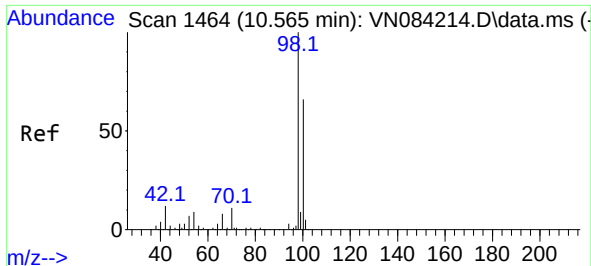
Tgt Ion:113 Resp: 96545
Ion Ratio Lower Upper
113 100
111 102.5 83.3 124.9
192 17.5 13.5 20.3



#39
Methylcyclohexane
Concen: 27.632 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion: 83 Resp: 92994
Ion Ratio Lower Upper
83 100
55 82.1 62.8 94.2
98 46.2 38.8 58.2

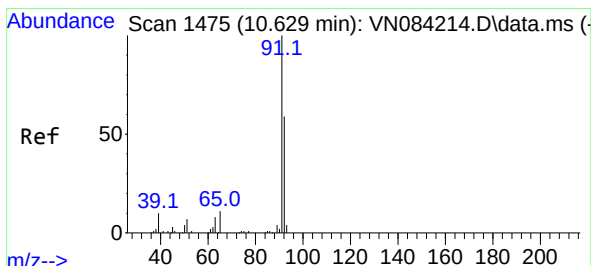
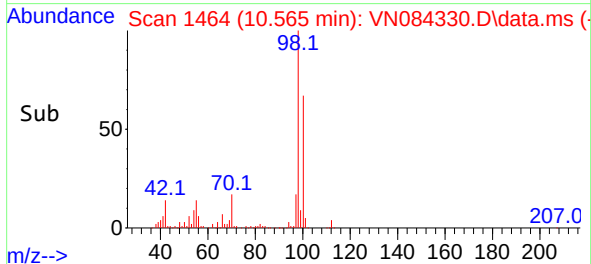
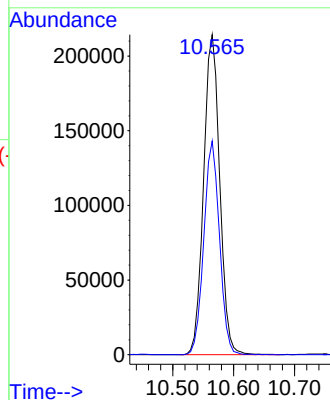
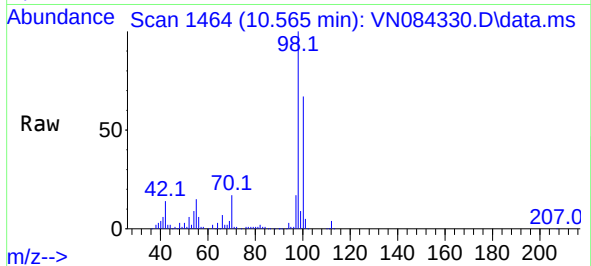




#50
Toluene-d8
Concen: 51.458 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

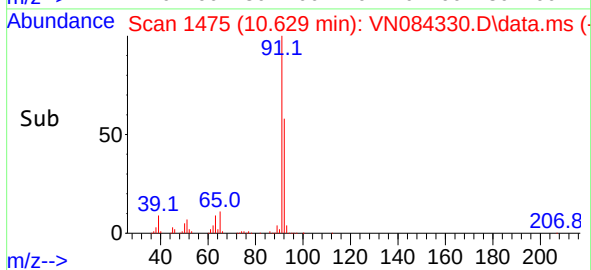
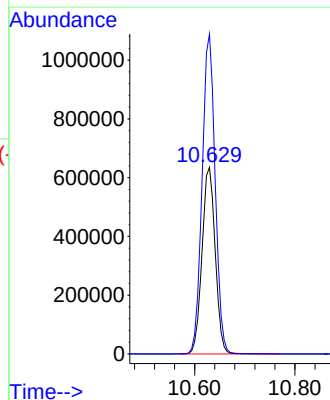
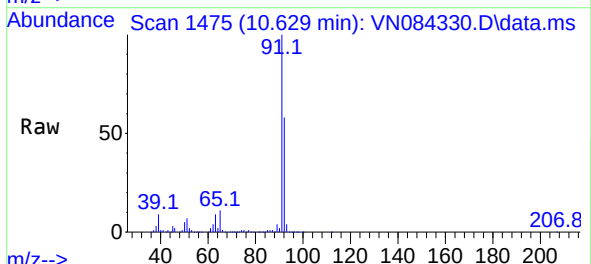
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

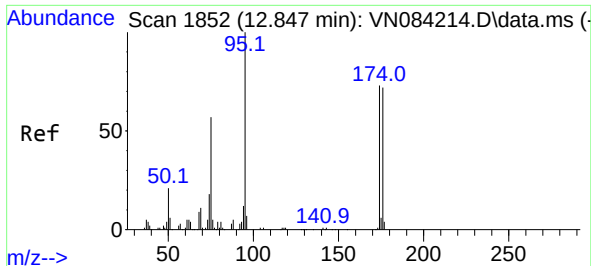
Tgt Ion: 98 Resp: 394117
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#52
Toluene
Concen: 201.791 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion: 92 Resp: 1159314
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9

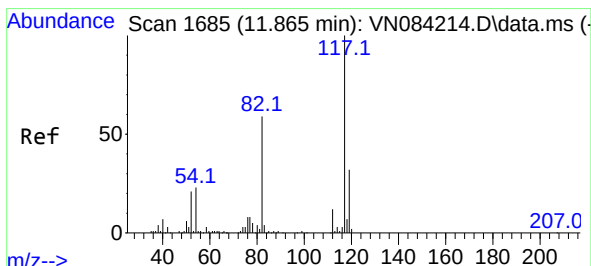
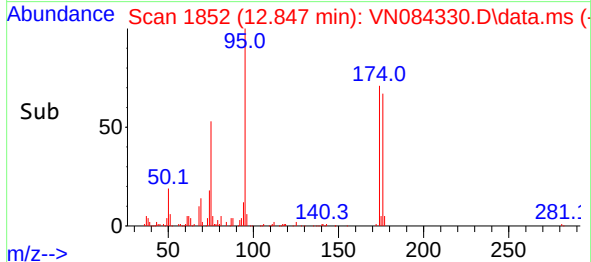
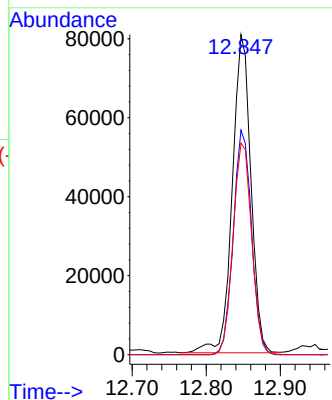
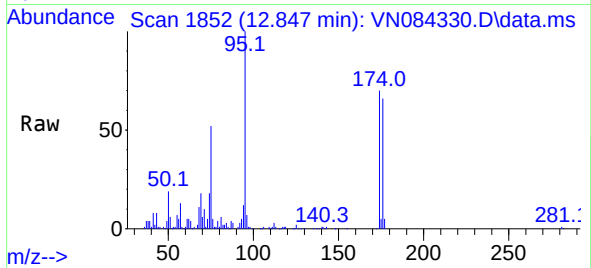




#62
4-Bromofluorobenzene
Concen: 50.203 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

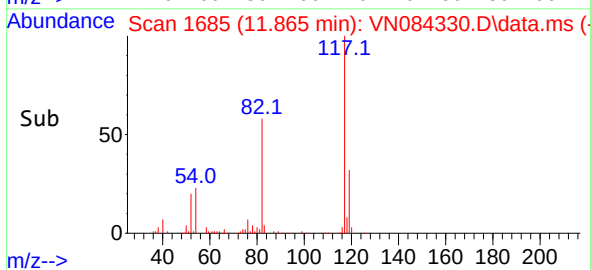
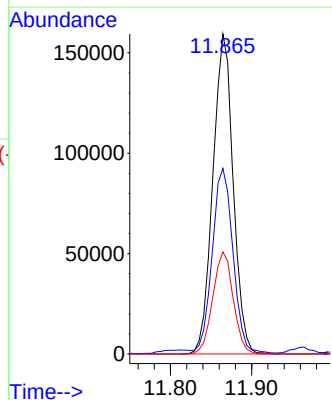
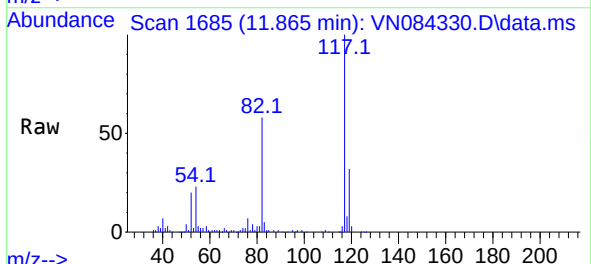
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

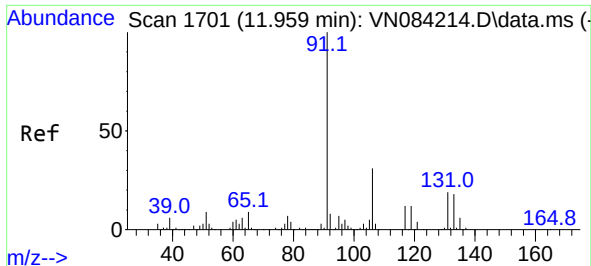
Tgt Ion: 95 Resp: 140081
Ion Ratio Lower Upper
95 100
174 69.2 0.0 145.2
176 66.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion: 117 Resp: 276795
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 31.9 25.4 38.0

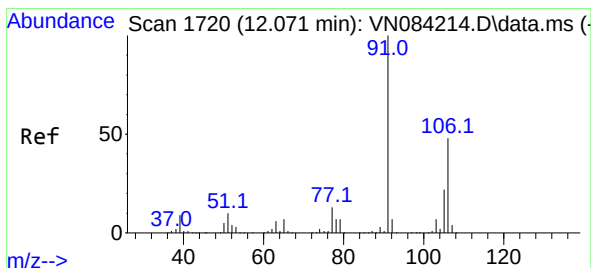
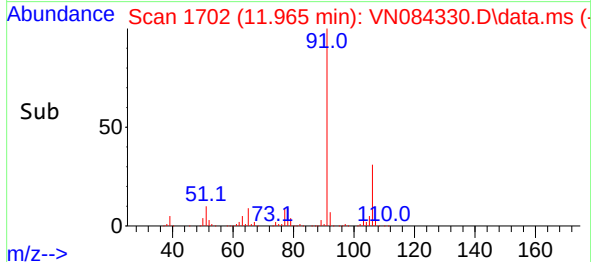
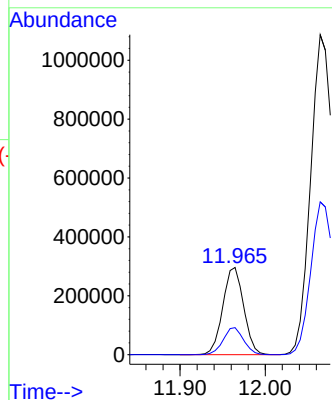
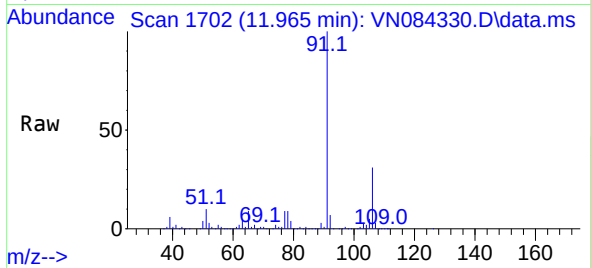




#67
Ethyl Benzene
Concen: 46.279 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

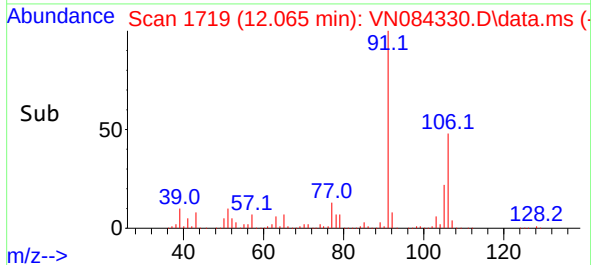
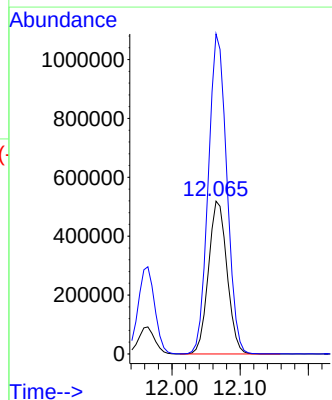
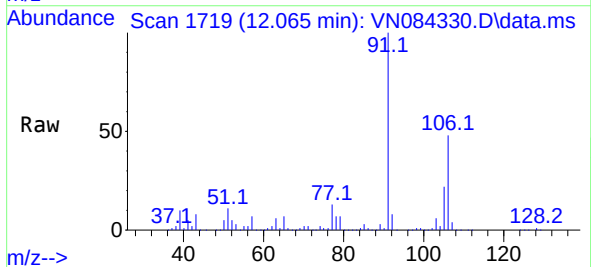
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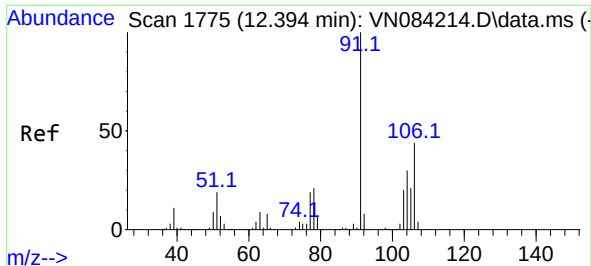
Tgt Ion: 91 Resp: 502283
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 244.810 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion:106 Resp: 982856
Ion Ratio Lower Upper
106 100
91 208.6 167.1 250.7

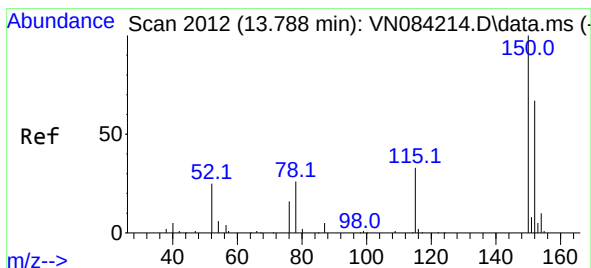
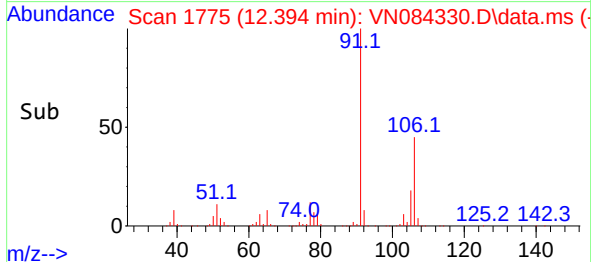
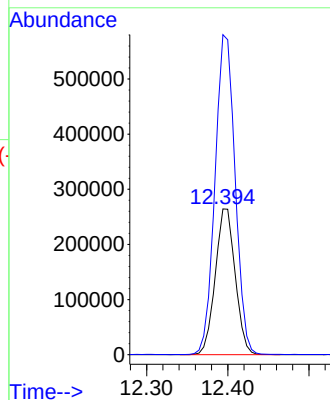
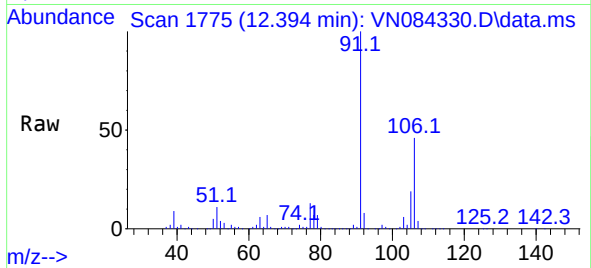




#69
o-Xylene
Concen: 118.859 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

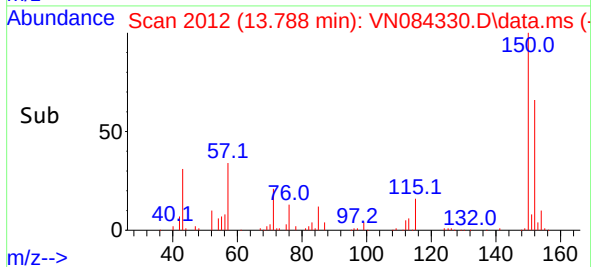
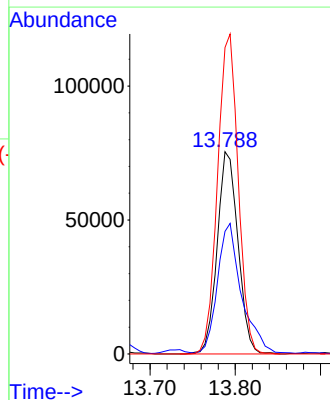
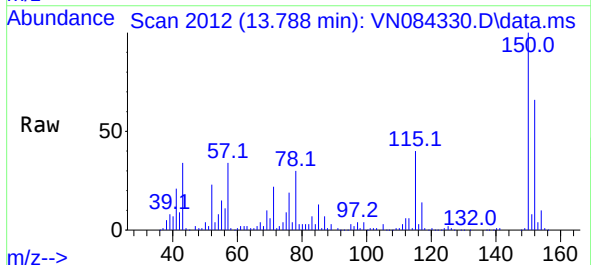
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

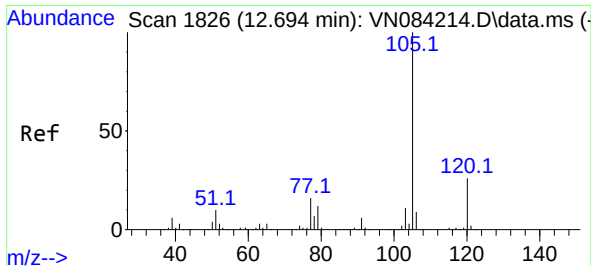
Tgt Ion:106 Resp: 451480
Ion Ratio Lower Upper
106 100
91 221.5 110.2 330.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion:152 Resp: 128074
Ion Ratio Lower Upper
152 100
115 74.1 31.3 93.9
150 156.9 0.0 349.8

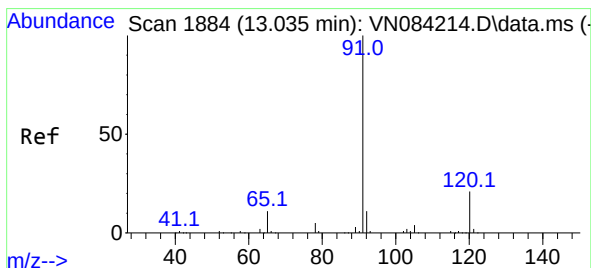
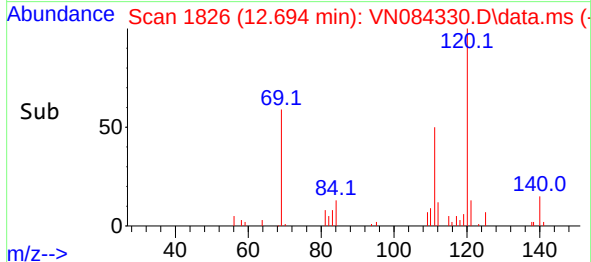
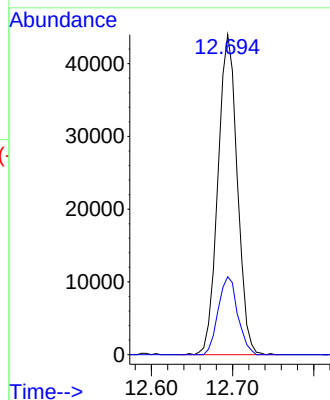
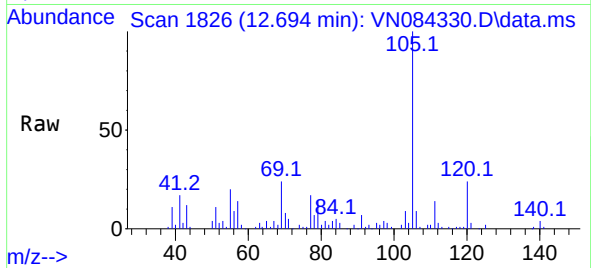




#73
Isopropylbenzene
Concen: 7.476 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

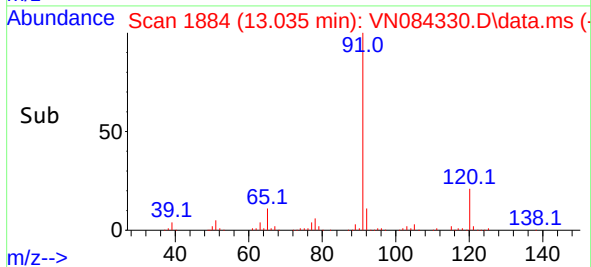
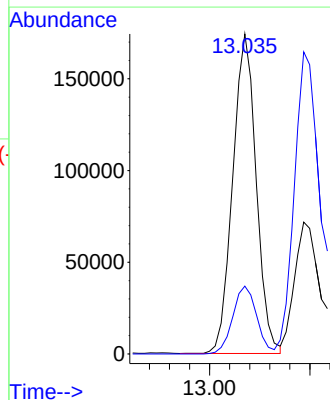
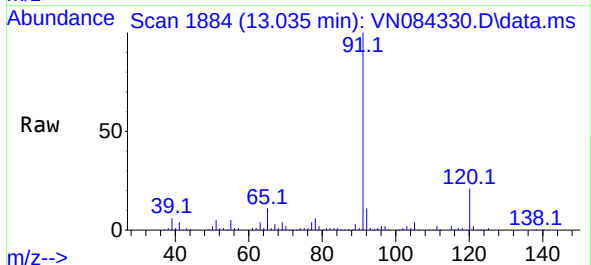
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

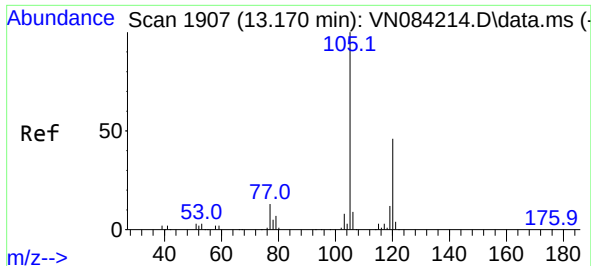
Tgt Ion:105 Resp: 73069
Ion Ratio Lower Upper
105 100
120 24.4 12.9 38.7



#78
n-propylbenzene
Concen: 24.993 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion: 91 Resp: 283006
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

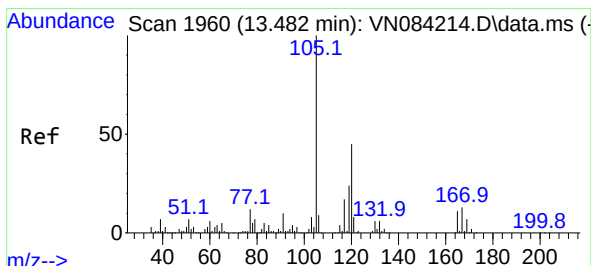
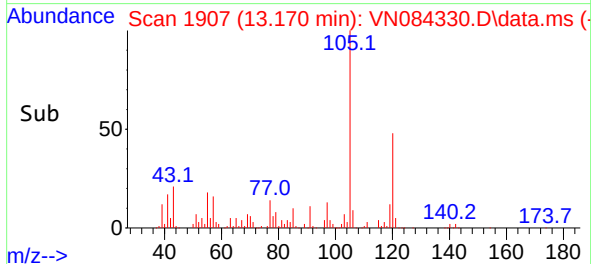
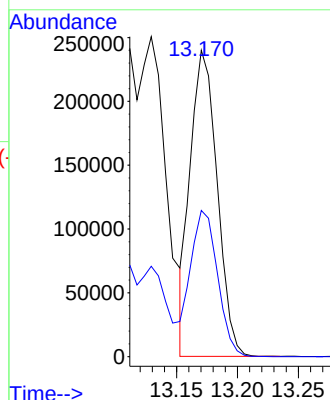
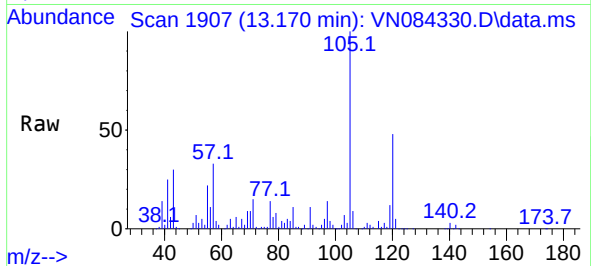




#80
1,3,5-Trimethylbenzene
Concen: 46.042 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

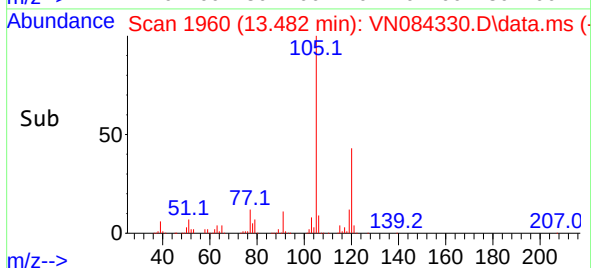
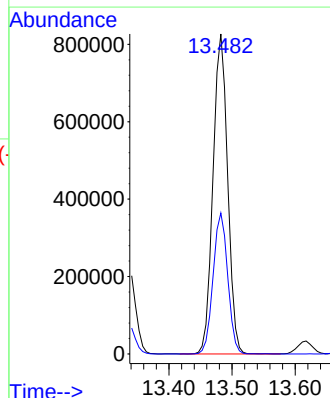
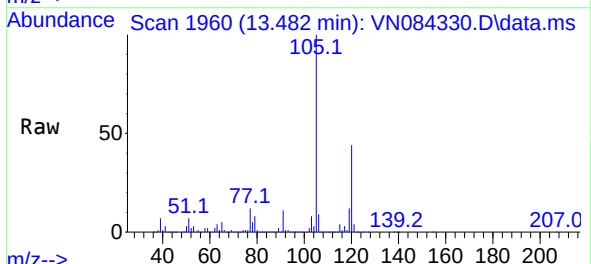
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

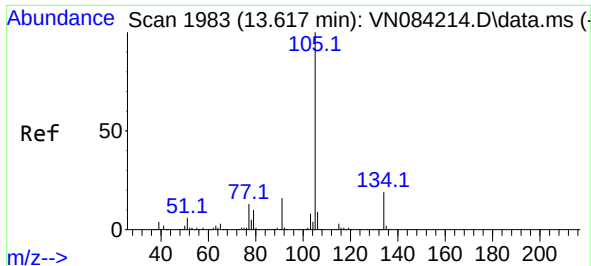
Tgt Ion:105 Resp: 367056
Ion Ratio Lower Upper
105 100
120 50.6 23.7 71.1



#84
1,2,4-Trimethylbenzene
Concen: 165.608 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion:105 Resp: 1330005
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8

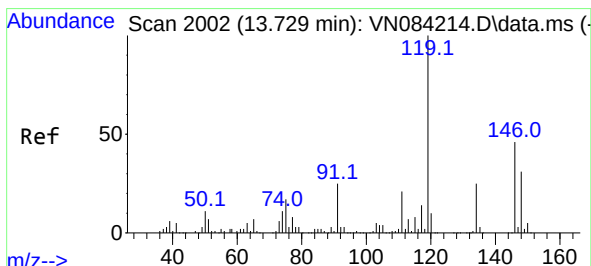
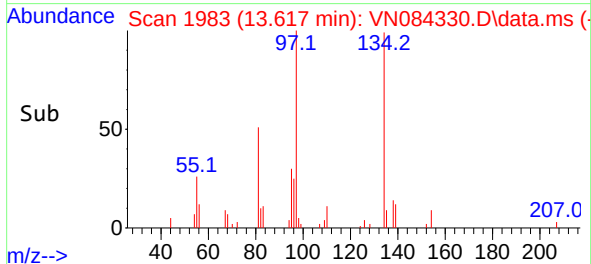
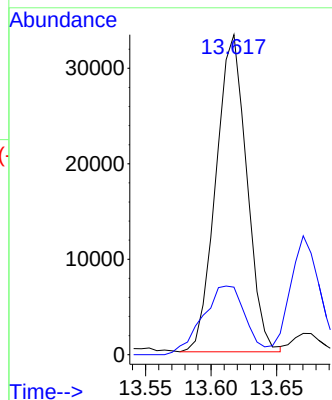
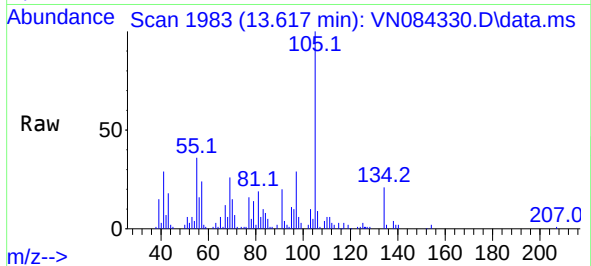




#85
sec-Butylbenzene
Concen: 5.743 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

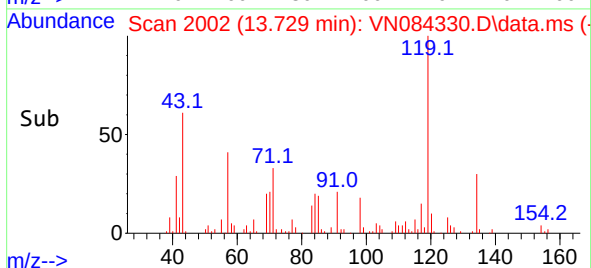
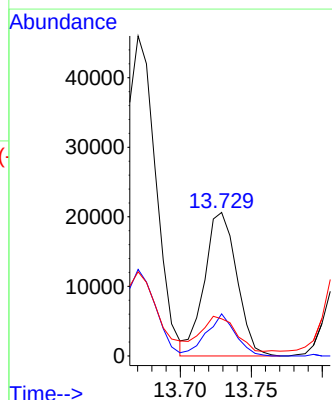
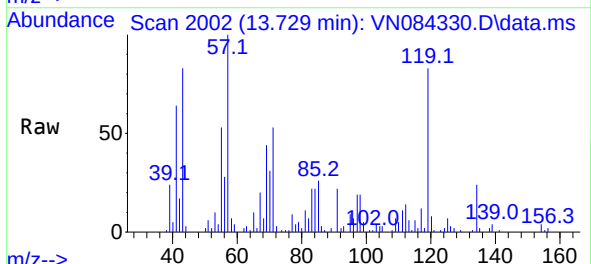
Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

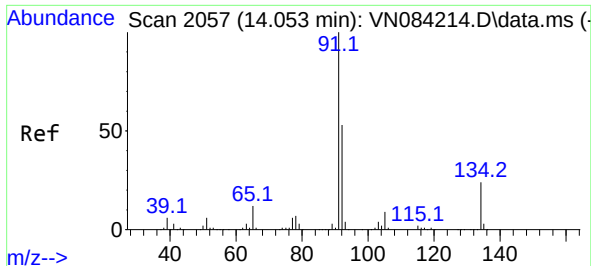
Tgt Ion:105 Resp: 54302
Ion Ratio Lower Upper
105 100
134 29.9 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 4.203 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion:119 Resp: 32863
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 24.6 12.4 37.2

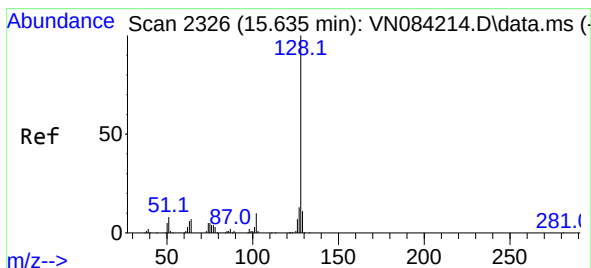
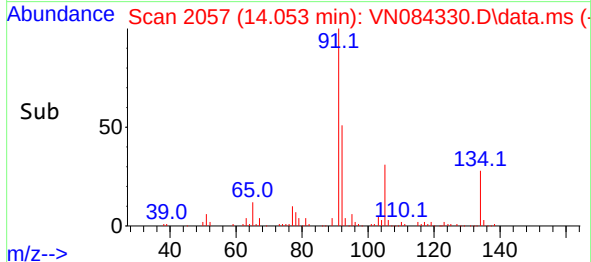
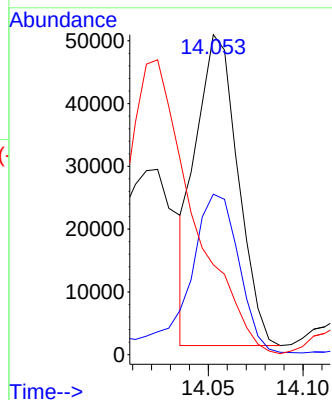
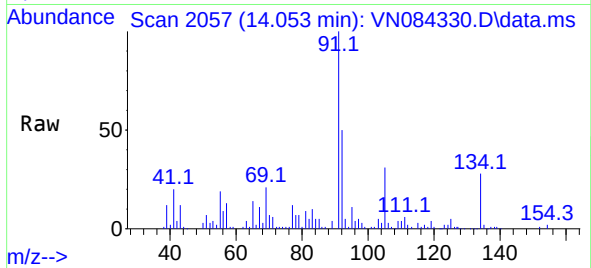




#89
n-Butylbenzene
Concen: 10.783 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Instrument :
MSVOA_N
ClientSampleId :
TRE-1300ME

Tgt Ion: 91 Resp: 76449
Ion Ratio Lower Upper
91 100
92 59.8 26.6 79.7
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 9.800 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084330.D
Acq: 07 Oct 2024 13:32

Tgt Ion:128 Resp: 69396
Ion Ratio Lower Upper
128 100
127 11.0 10.5 15.7
129 8.5 8.7 13.1#

