

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083824.D
 Acq On : 12 Sep 2024 11:44
 Operator : JC\MD
 Sample : P3913-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F

Quant Time: Sep 12 16:45:29 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)

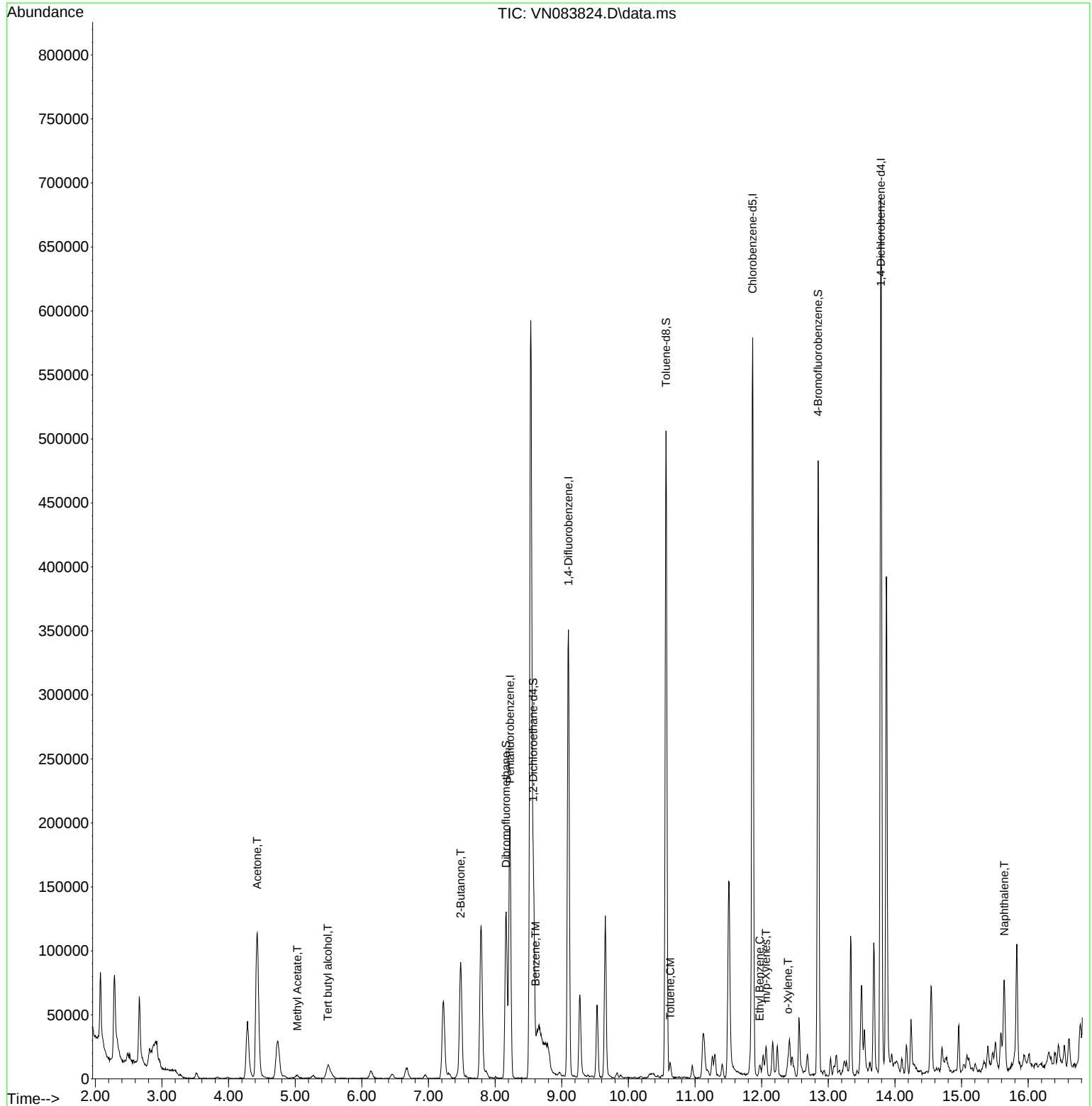
Internal Standards						
1) Pentafluorobenzene	8.224	168	136768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115446	55.980	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.960%		
35) Dibromofluoromethane	8.165	113	91500	49.915	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.840%		
50) Toluene-d8	10.565	98	332129	52.410	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.820%		
62) 4-Bromofluorobenzene	12.847	95	165026	63.118	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 126.240%#		
Target Compounds						
11) Tert butyl alcohol	5.489	59	15964	57.808	ug/l	# 72
16) Acetone	4.430	43	223825	270.741	ug/l	98
18) Methyl Acetate	5.030	43	4834	0.987	ug/l	95
25) 2-Butanone	7.483	43	149106	137.225	ug/l	96
40) Benzene	8.606	78	2248	0.271	ug/l	99
52) Toluene	10.630	92	4647	0.915	ug/l	93
67) Ethyl Benzene	11.971	91	6337	0.511	ug/l	# 72
68) m/p-Xylenes	12.065	106	6421	1.395	ug/l	87
69) o-Xylene	12.394	106	2556	0.574	ug/l	79
95) Naphthalene	15.641	128	57211	6.121	ug/l	98

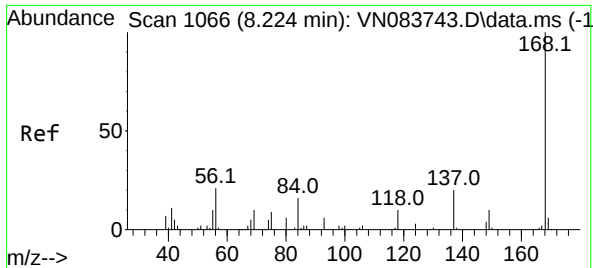
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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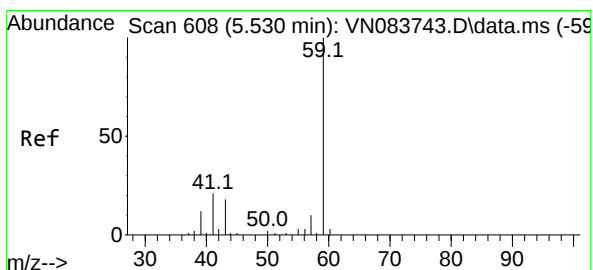
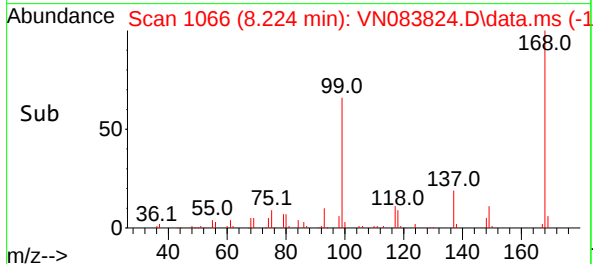
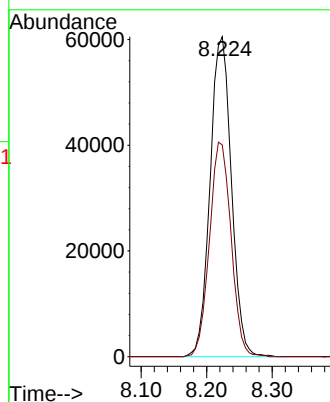
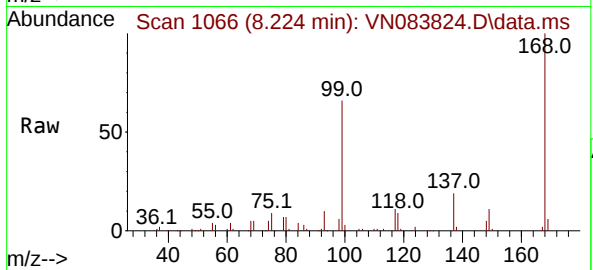




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

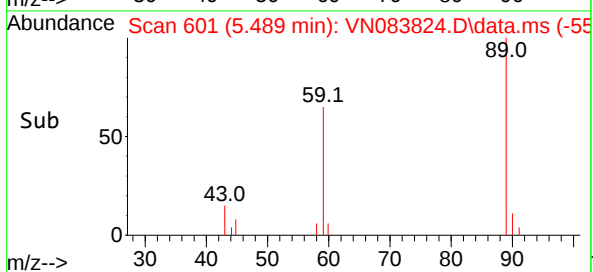
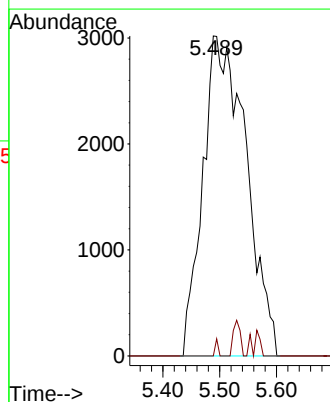
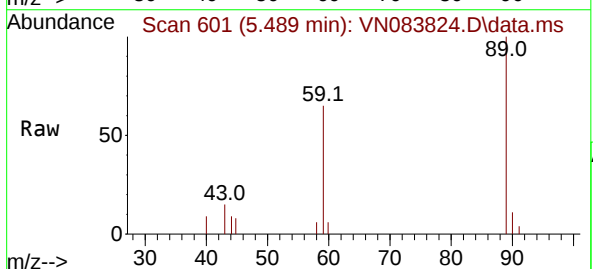
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

Tgt Ion:168 Resp: 136768
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#11
Tert butyl alcohol
Concen: 57.808 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 59 Resp: 15964
Ion Ratio Lower Upper
59 100
57 0.4 8.7 13.1#

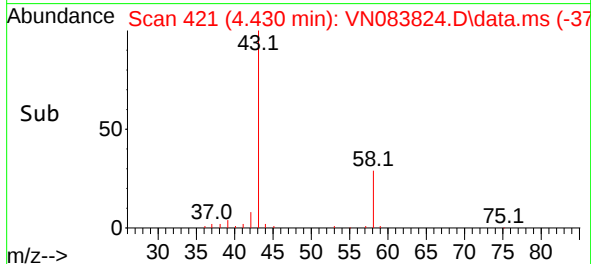
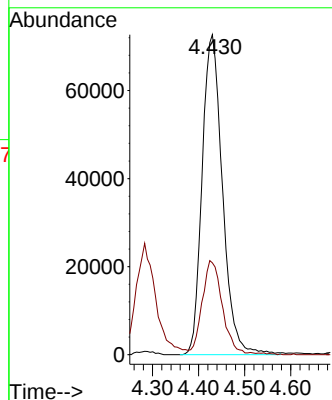
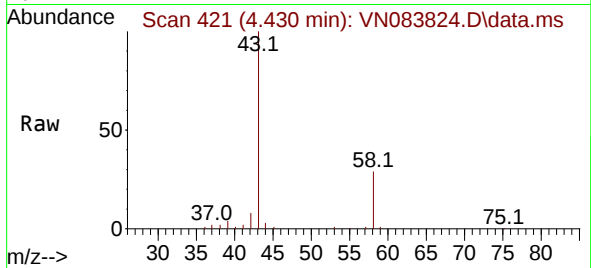




#16
Acetone
Concen: 270.741 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

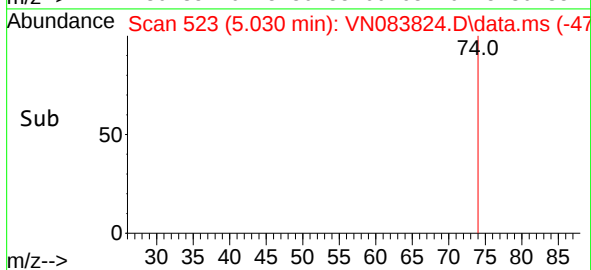
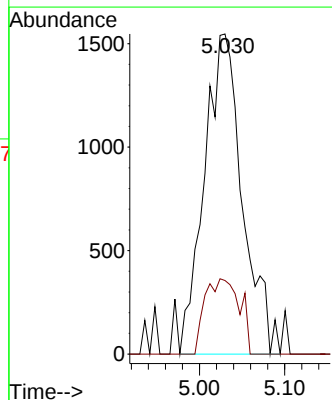
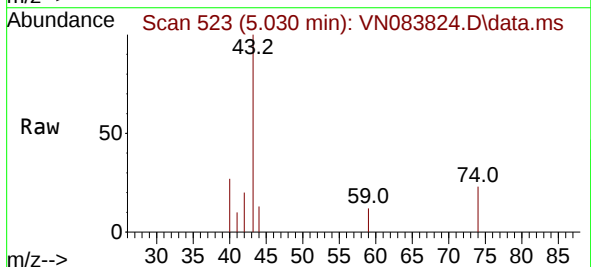
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MSVOA_N
ClientSampleId :
9424-D-F

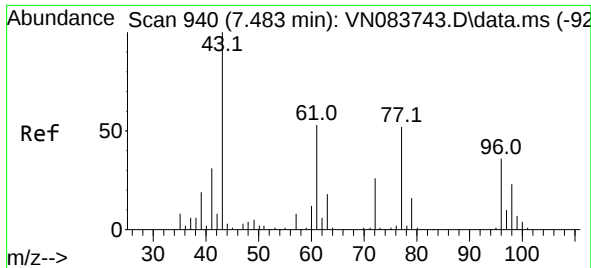
Tgt Ion: 43 Resp: 223825
Ion Ratio Lower Upper
43 100
58 28.5 23.7 35.5



#18
Methyl Acetate
Concen: 0.987 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 43 Resp: 4834
Ion Ratio Lower Upper
43 100
74 21.3 19.0 28.4

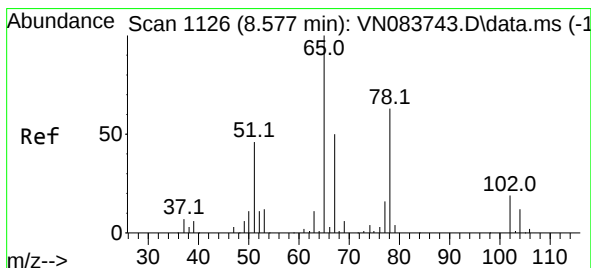
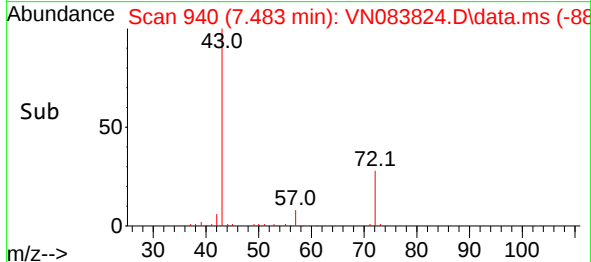
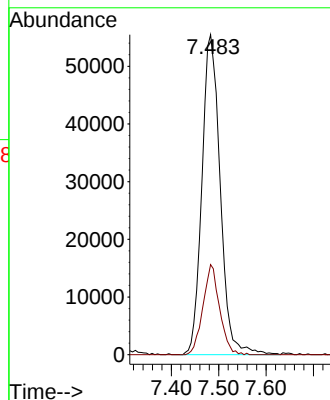
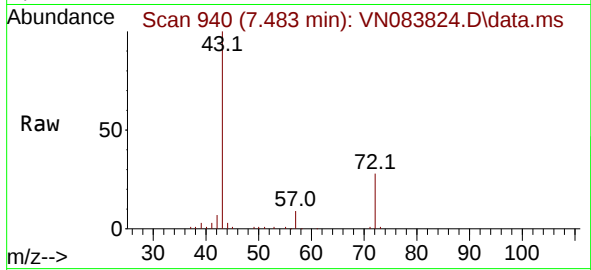




#25
2-Butanone
Concen: 137.225 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

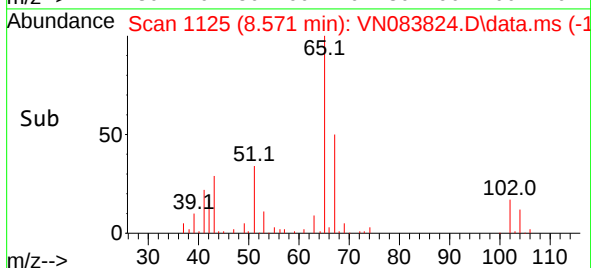
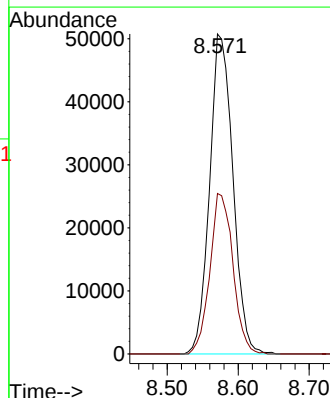
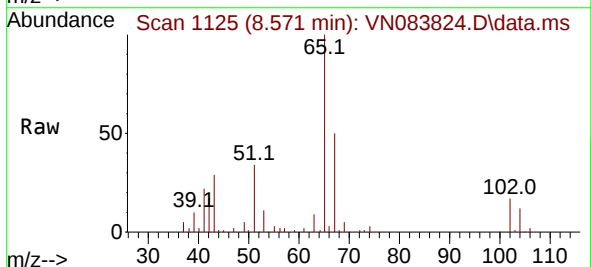
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

Tgt Ion: 43 Resp: 149106
Ion Ratio Lower Upper
43 100
72 28.2 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 55.980 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 65 Resp: 115446
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

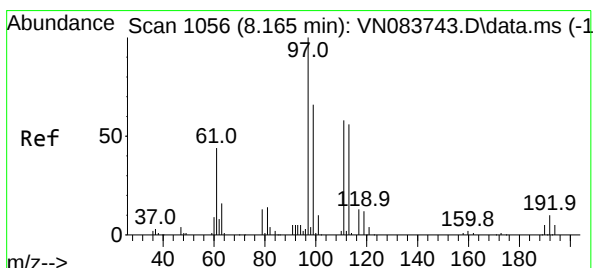
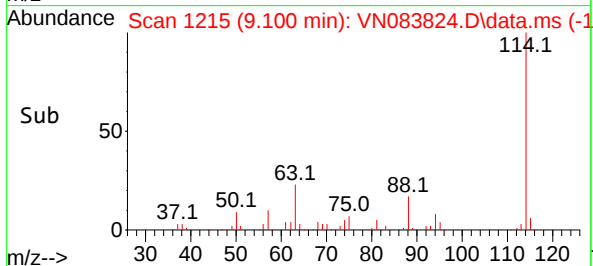
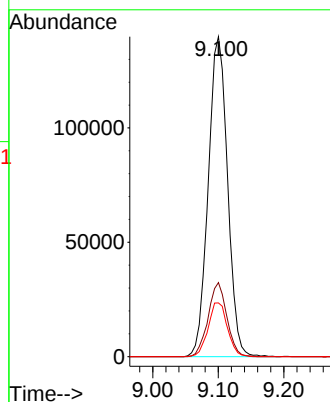
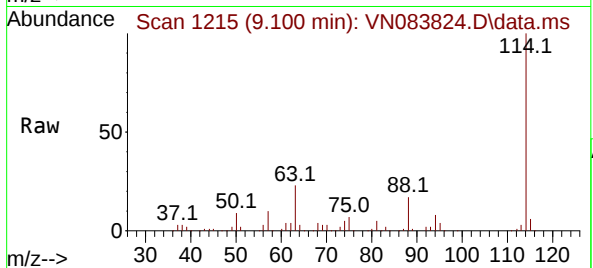




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

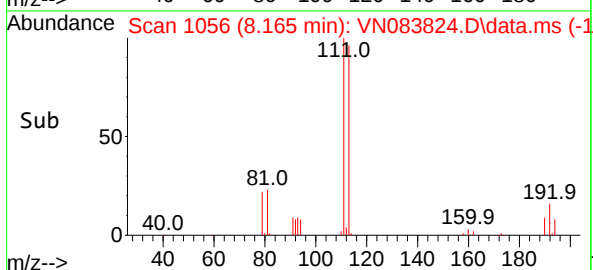
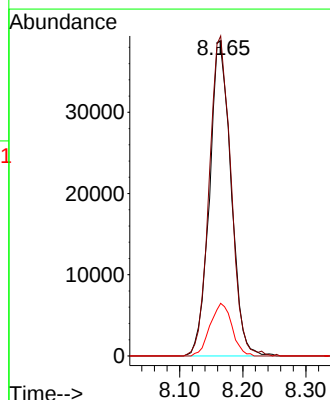
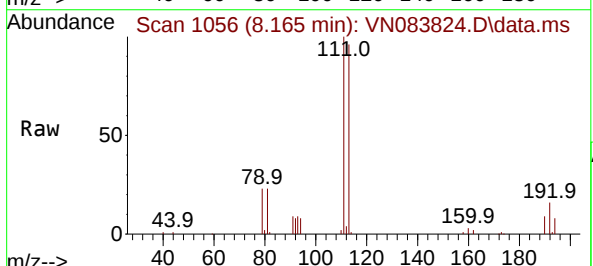
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

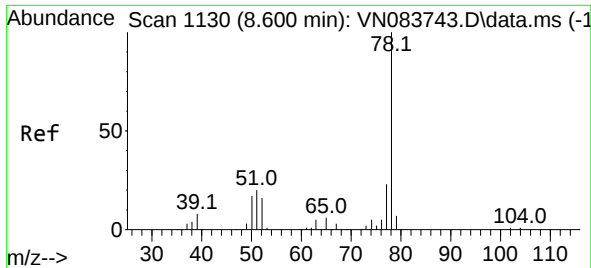
Tgt Ion:114 Resp: 286340
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.915 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion:113 Resp: 91500
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.0 14.3 21.5

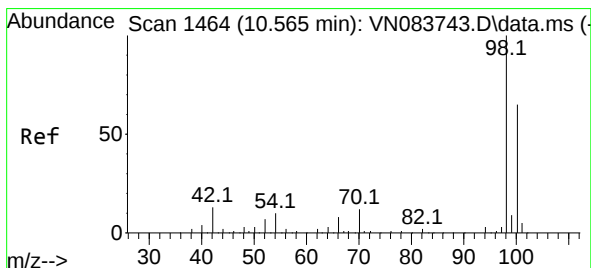
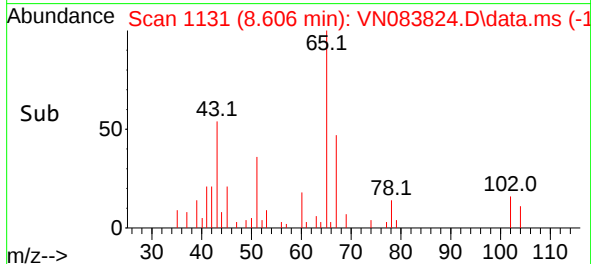
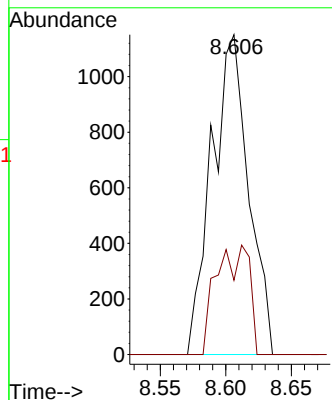
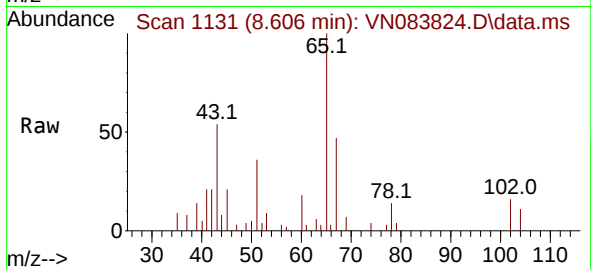




#40
Benzene
Concen: 0.271 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

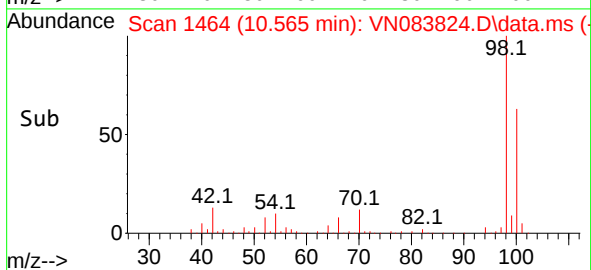
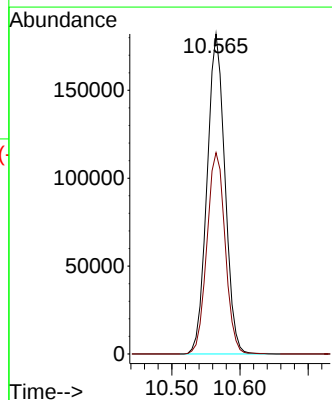
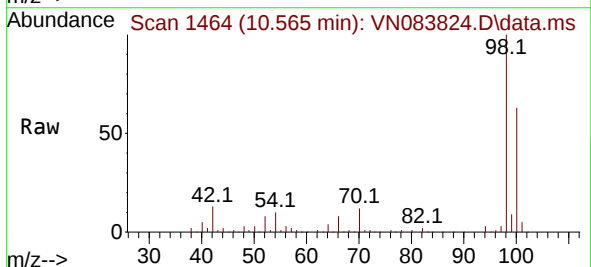
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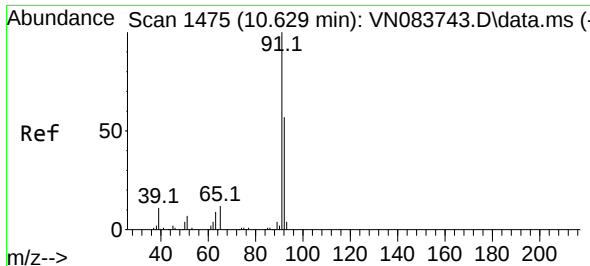
Tgt Ion: 78 Resp: 2248
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 98 Resp: 332129
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

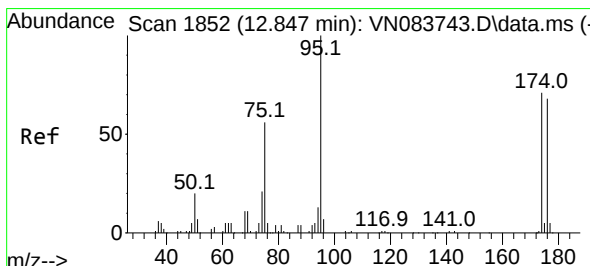
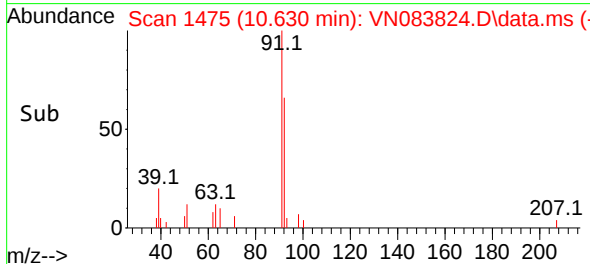
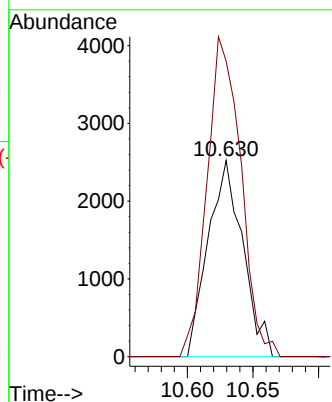
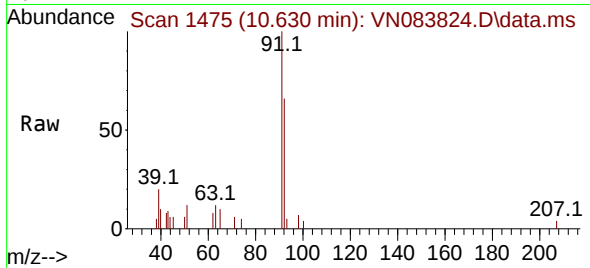




#52
Toluene
Concen: 0.915 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

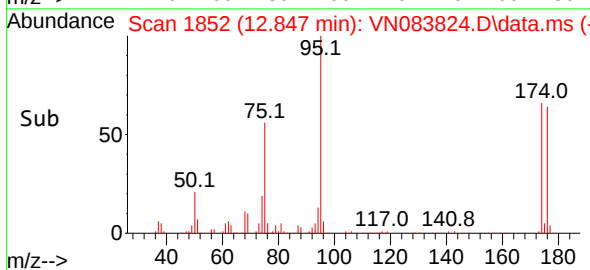
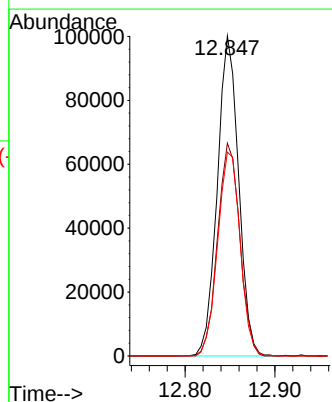
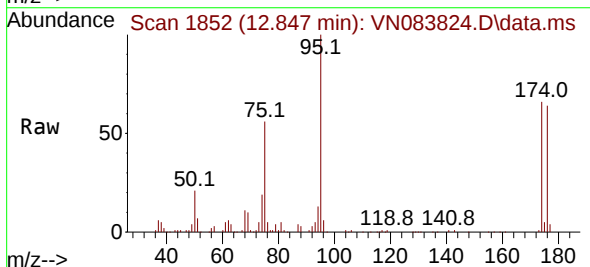
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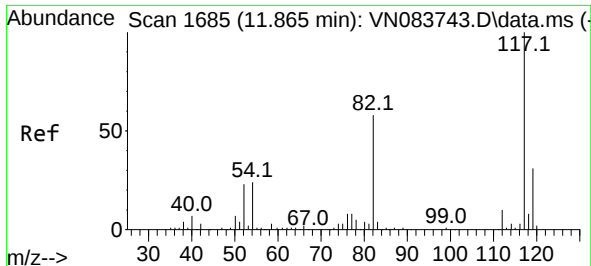
Tgt Ion: 92 Resp: 4647
Ion Ratio Lower Upper
92 100
91 158.8 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 63.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 95 Resp: 165026
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 67.2 0.0 131.4

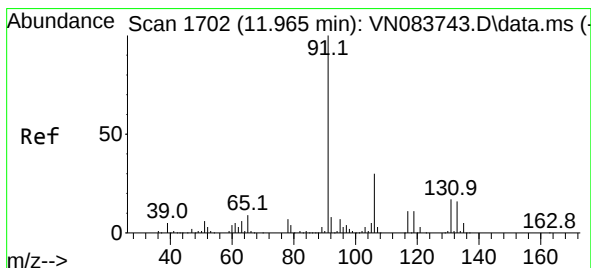
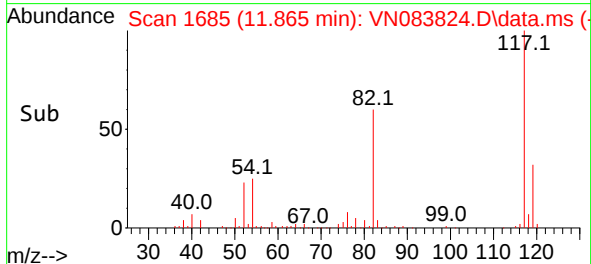
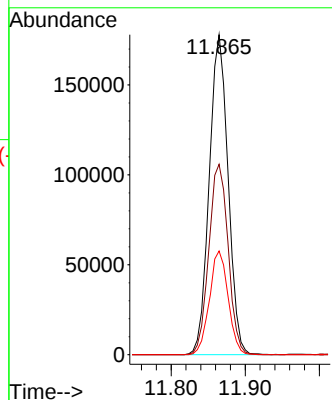
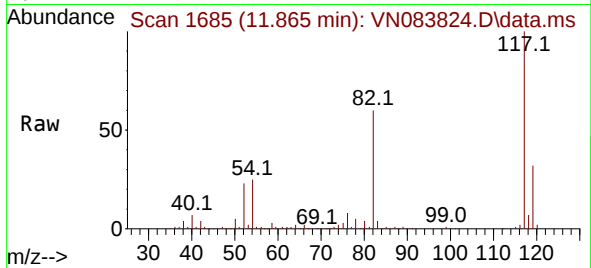




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

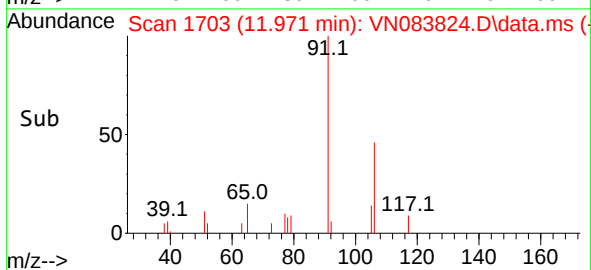
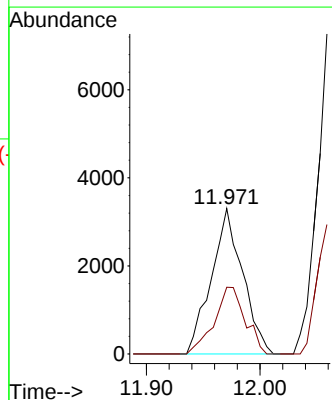
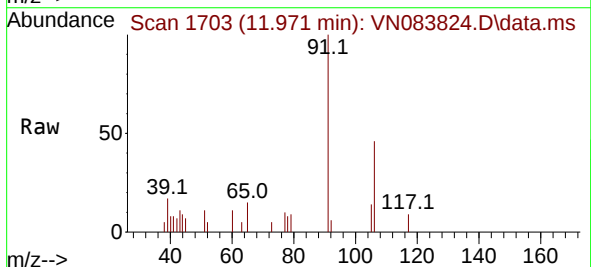
Instrument :
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9424-D-F

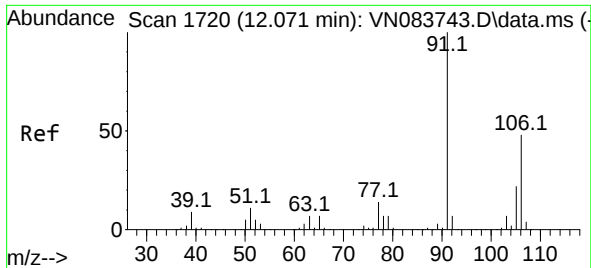
Tgt Ion:117 Resp: 313927
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.4 26.3 39.5



#67
Ethyl Benzene
Concen: 0.511 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion: 91 Resp: 6337
Ion Ratio Lower Upper
91 100
106 45.9 24.3 36.5#

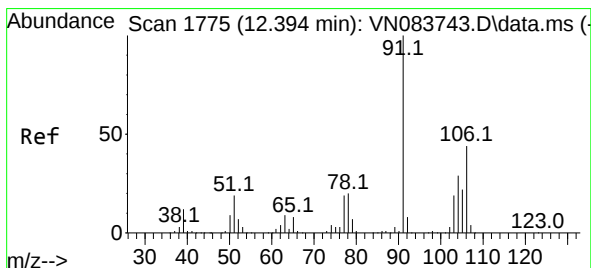
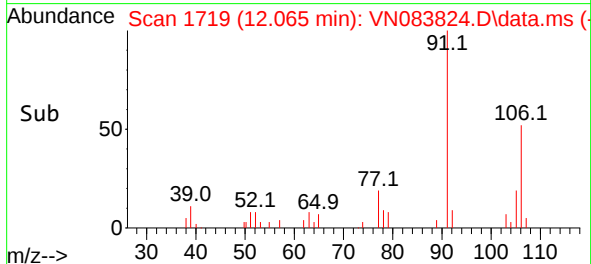
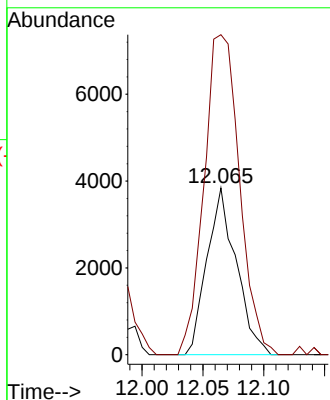
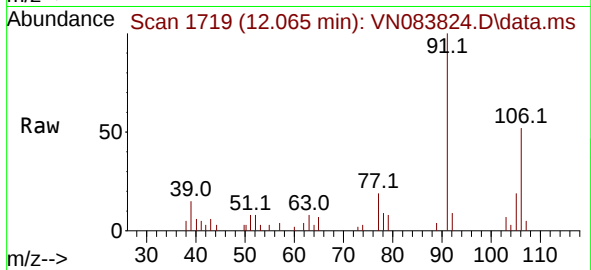




#68
m/p-Xylenes
Concen: 1.395 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

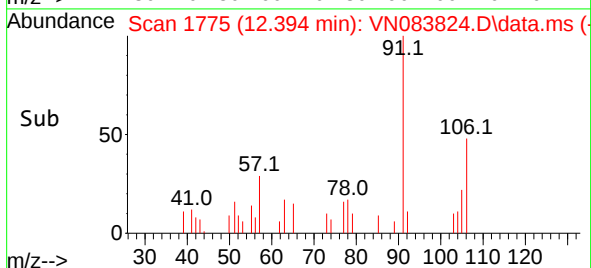
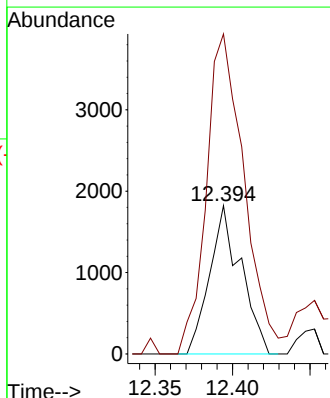
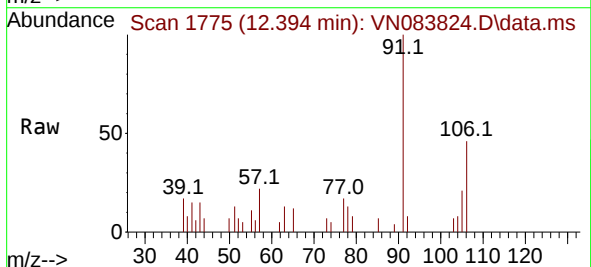
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

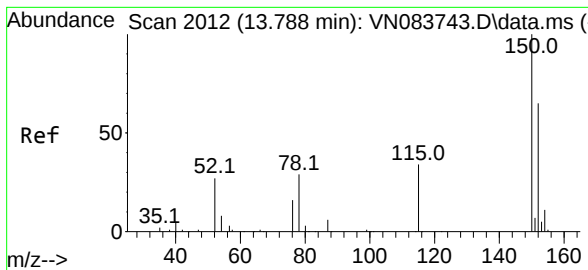
Tgt Ion:106 Resp: 6421
Ion Ratio Lower Upper
106 100
91 232.2 169.2 253.8



#69
o-Xylene
Concen: 0.574 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion:106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 259.5 112.9 338.6

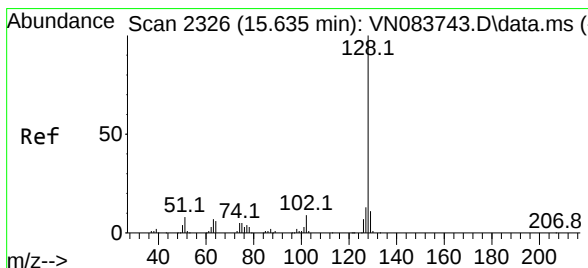
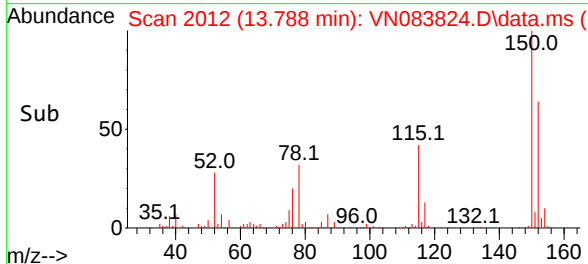
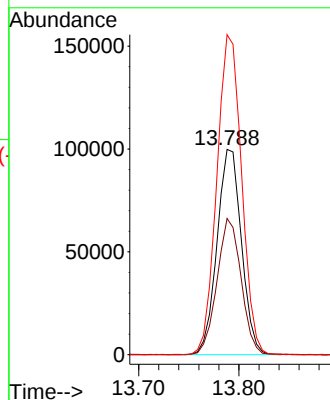
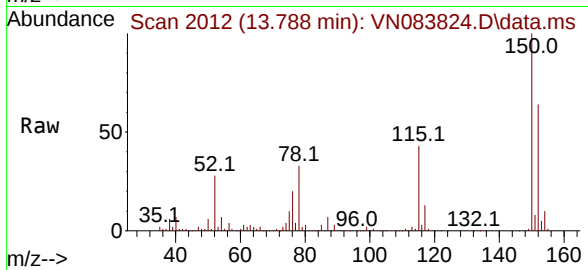




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F

Tgt Ion:152 Resp: 168793
Ion Ratio Lower Upper
152 100
115 65.6 32.2 96.6
150 158.3 0.0 348.6



#95
Naphthalene
Concen: 6.121 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083824.D
Acq: 12 Sep 2024 11:44

Tgt Ion:128 Resp: 57211
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.9 8.7 13.1

