

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083794.D
 Acq On : 11 Sep 2024 14:21
 Operator : JC\MD
 Sample : P3839-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 830

Quant Time: Sep 11 16:27:17 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)

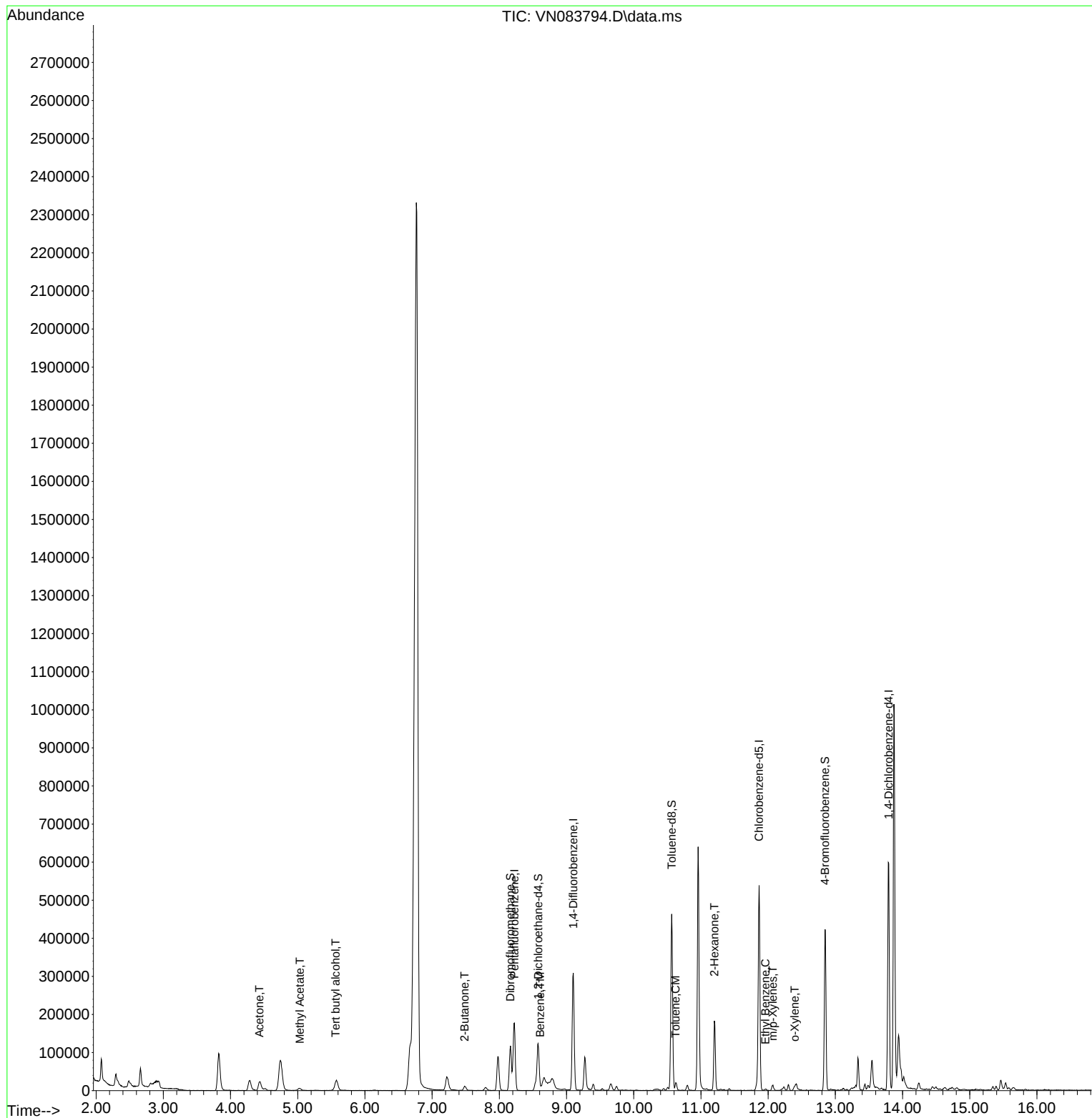
Internal Standards						
1) Pentafluorobenzene	8.224	168	119325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102371	56.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.800%			
35) Dibromofluoromethane	8.165	113	80612	49.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	10.565	98	298234	52.844	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.847	95	144544	62.078	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 124.160%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.565	59	6108	25.351	ug/l	95
16) Acetone	4.430	43	45568	63.177	ug/l	92
18) Methyl Acetate	5.030	43	12997	7.055	ug/l	97
25) 2-Butanone	7.483	43	19110	20.158	ug/l	98
40) Benzene	8.606	78	3806	0.515	ug/l	99
52) Toluene	10.624	92	7958	1.759	ug/l	89
59) 2-Hexanone	11.200	43	29578	18.174	ug/l #	53
67) Ethyl Benzene	11.959	91	2753	0.239	ug/l #	74
68) m/p-Xylenes	12.071	106	4647	1.089	ug/l	95
69) o-Xylene	12.394	106	2381	0.576	ug/l	97

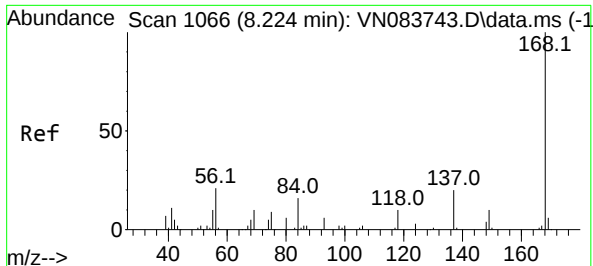
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
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Quant Time: Sep 11 16:27:17 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

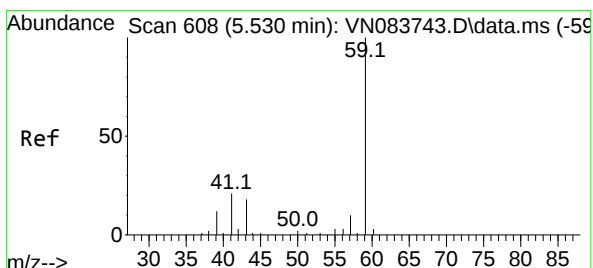
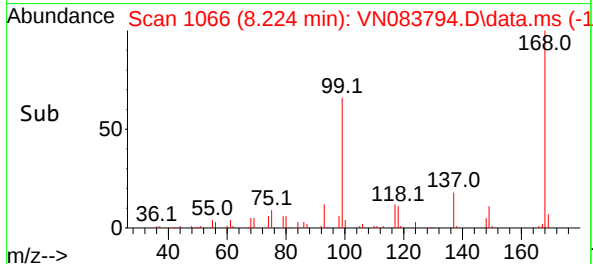
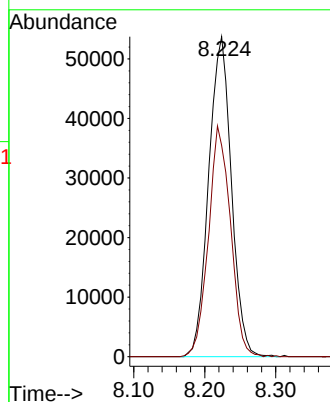
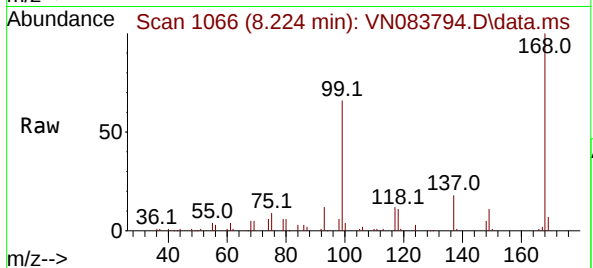




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

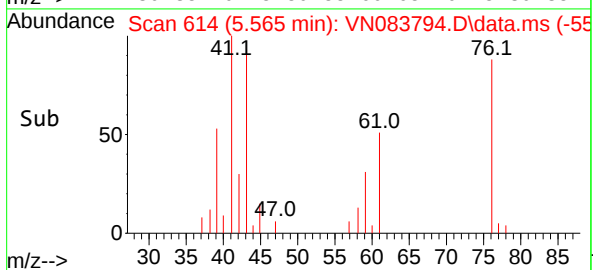
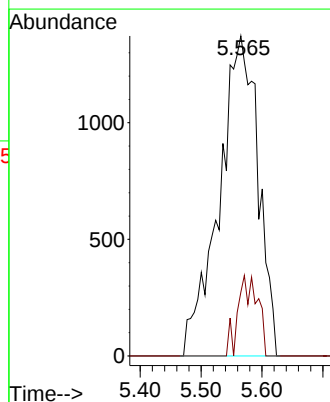
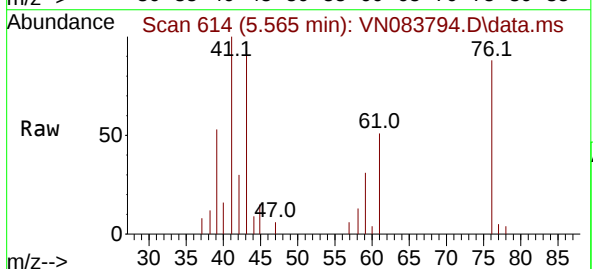
Instrument :
MSVOA_N
ClientSampleId :
830

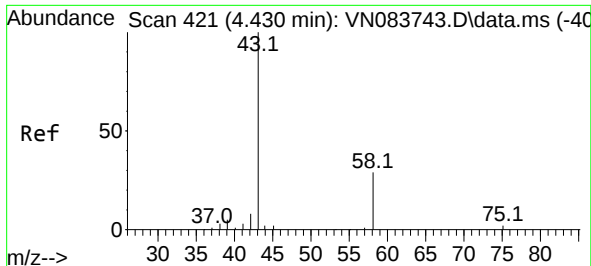
Tgt Ion:168 Resp: 119325
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#11
Tert butyl alcohol
Concen: 25.351 ug/l
RT: 5.565 min Scan# 614
Delta R.T. 0.035 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 59 Resp: 6108
Ion Ratio Lower Upper
59 100
57 12.7 8.7 13.1

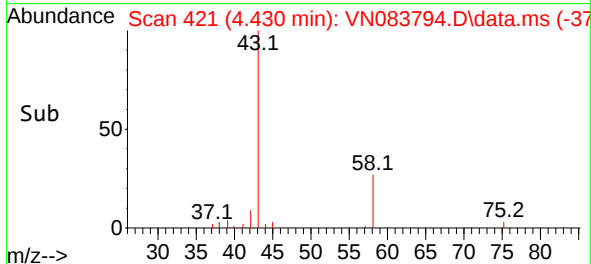
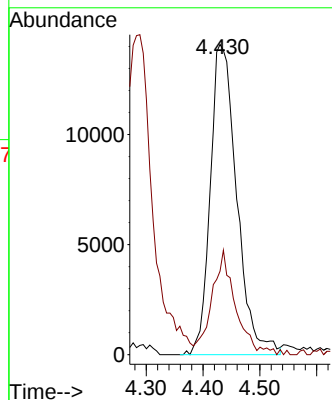
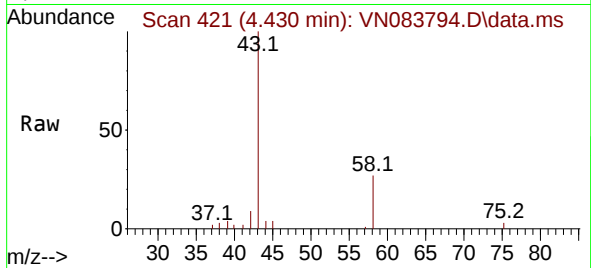




#16
Acetone
Concen: 63.177 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

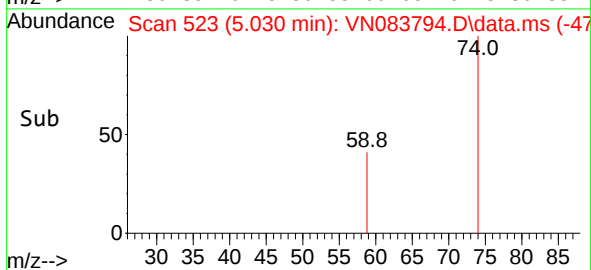
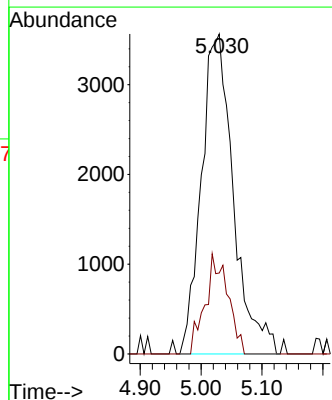
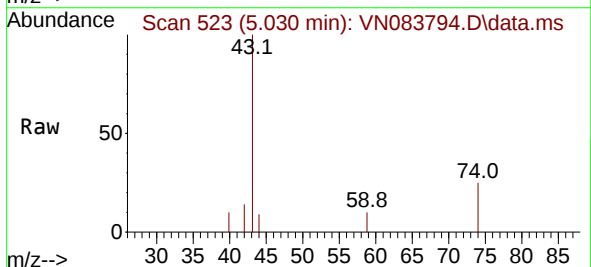
Instrument :
MSVOA_N
ClientSampleId :
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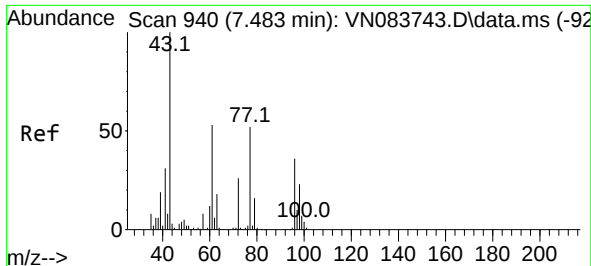
Tgt Ion: 43 Resp: 45568
Ion Ratio Lower Upper
43 100
58 25.3 23.7 35.5



#18
Methyl Acetate
Concen: 7.055 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 43 Resp: 12997
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4

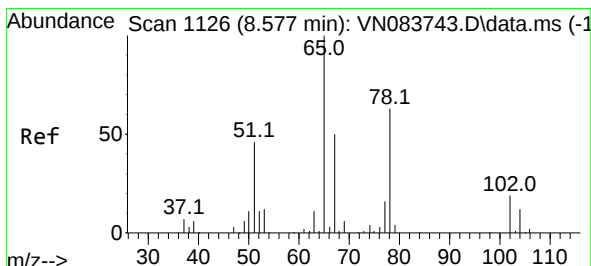
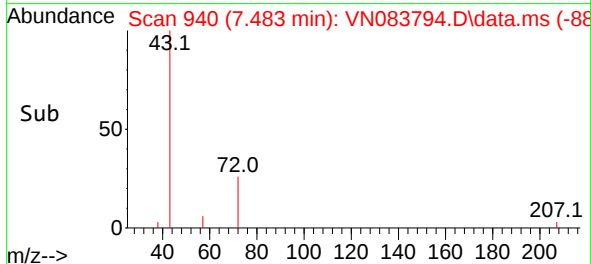
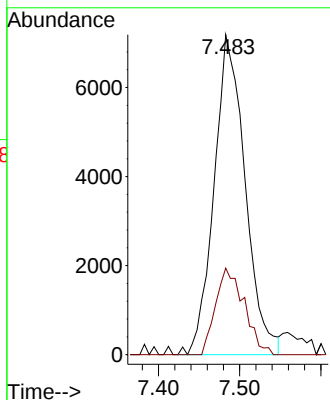
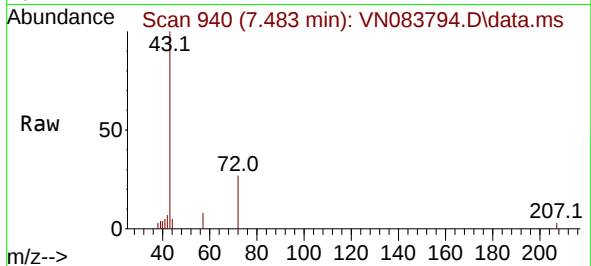




#25
2-Butanone
Concen: 20.158 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

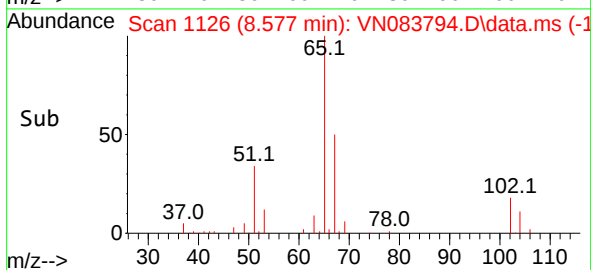
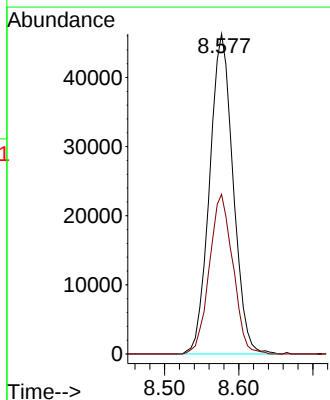
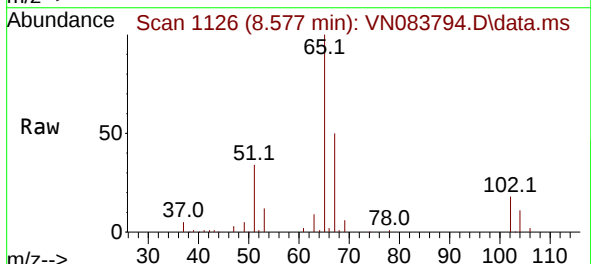
Instrument :
MSVOA_N
ClientSampleId :
830

Tgt Ion: 43 Resp: 19110
Ion Ratio Lower Upper
43 100
72 27.0 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 56.896 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 65 Resp: 102371
Ion Ratio Lower Upper
65 100
67 49.8 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: VN083794.D

Acq: 11 Sep 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

830

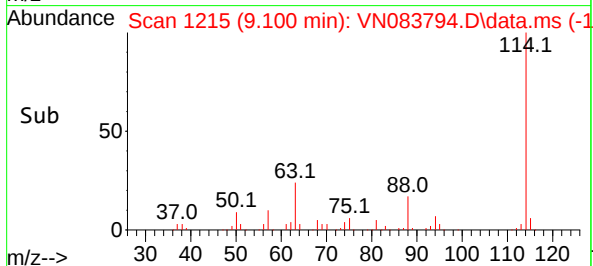
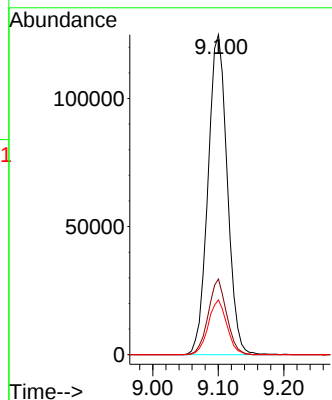
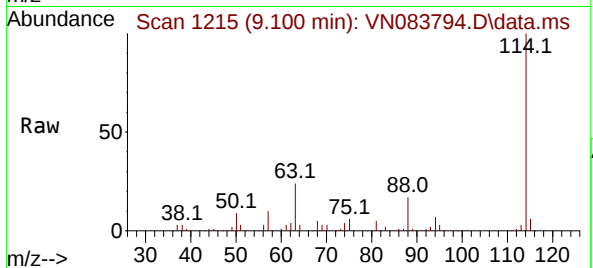
Tgt Ion:114 Resp: 255004

Ion Ratio Lower Upper

114 100

63 23.7 0.0 43.4

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083794.D

Acq: 11 Sep 2024 14:21

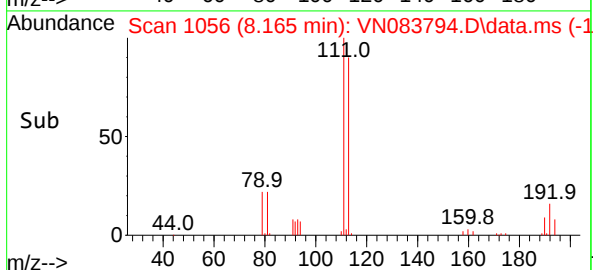
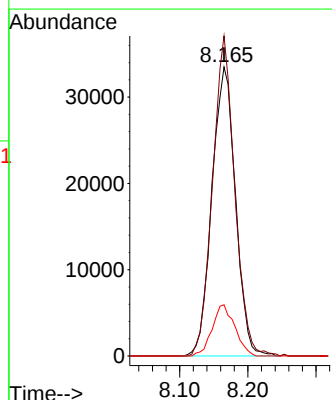
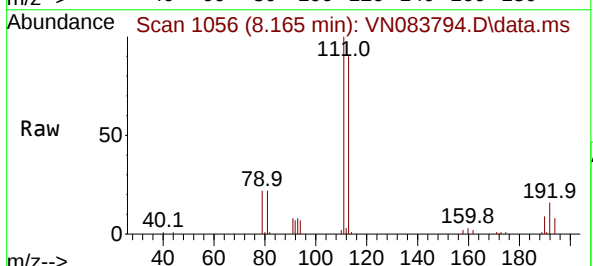
Tgt Ion:113 Resp: 80612

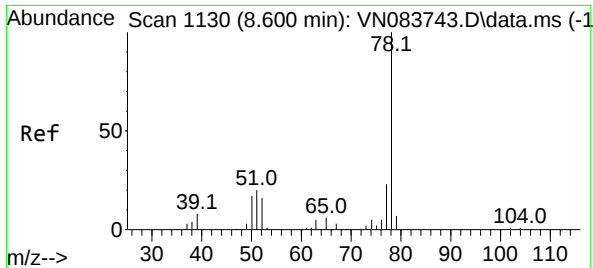
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 17.0 14.3 21.5

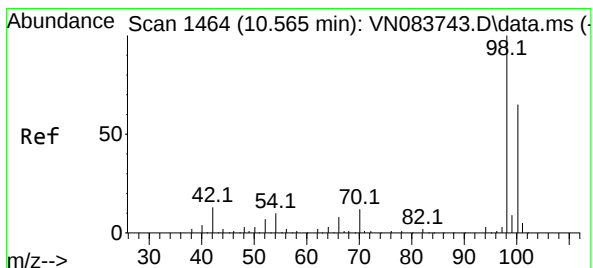
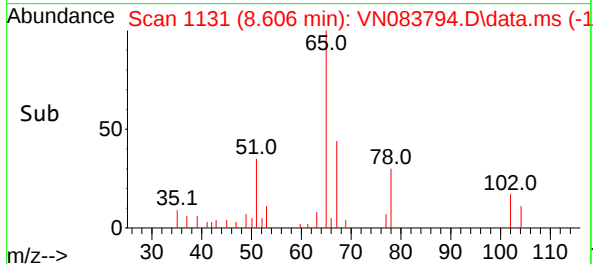
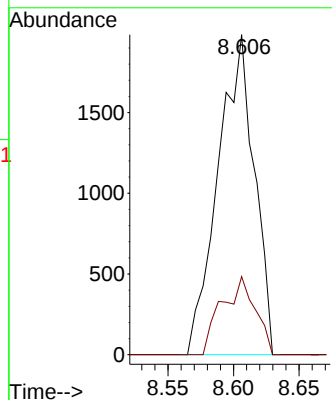
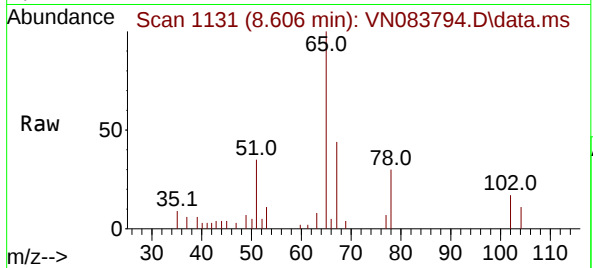




#40
Benzene
Concen: 0.515 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

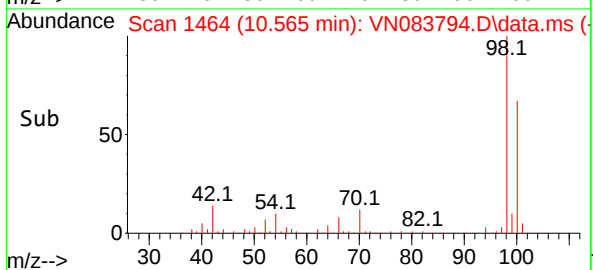
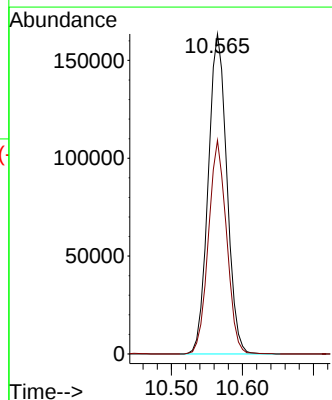
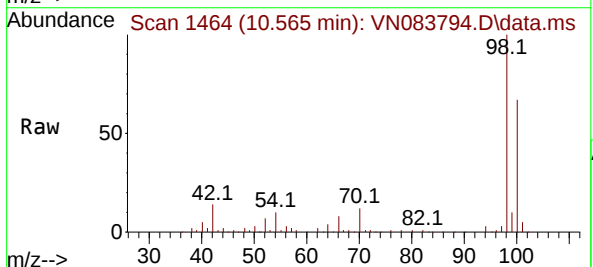
Instrument :
MSVOA_N
ClientSampleId :
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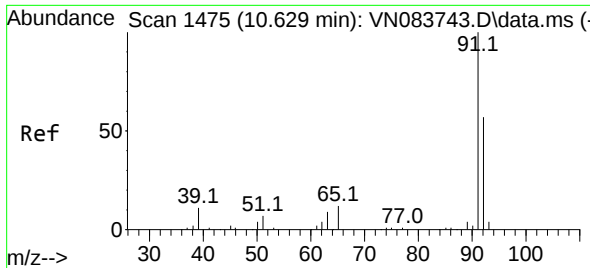
Tgt Ion: 78 Resp: 3806
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



#50
Toluene-d8
Concen: 52.844 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 98 Resp: 298234
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

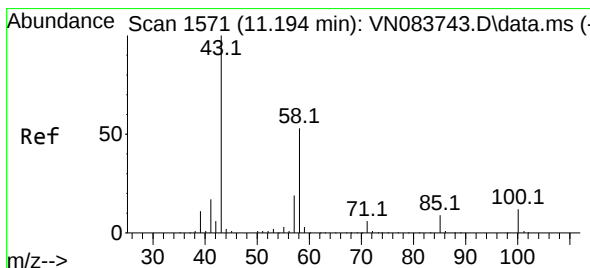
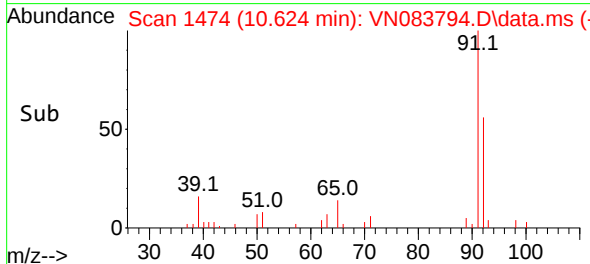
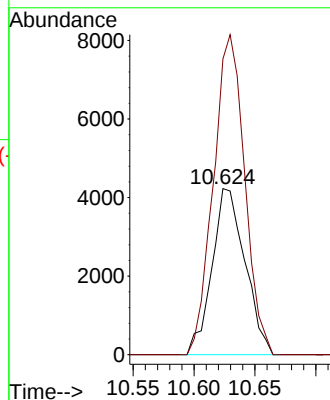
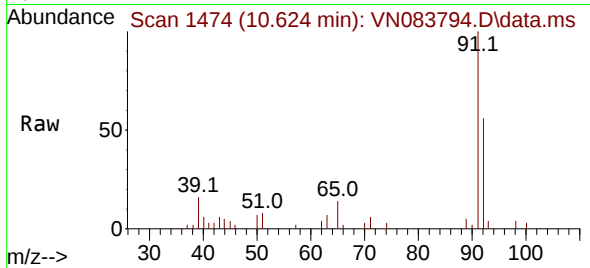




#52
Toluene
Concen: 1.759 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

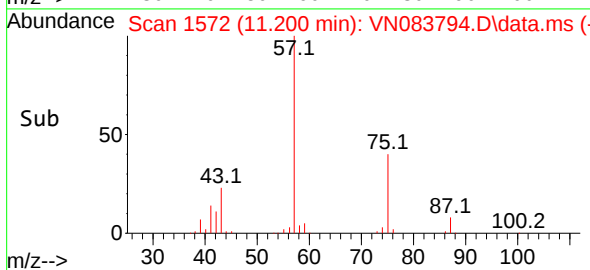
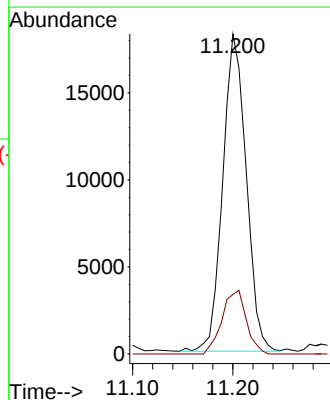
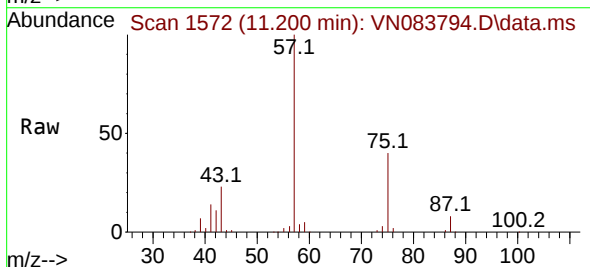
Instrument :
MSVOA_N
ClientSampleId :
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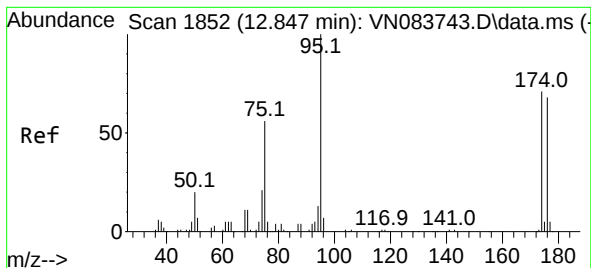
Tgt Ion: 92 Resp: 7958
Ion Ratio Lower Upper
92 100
91 183.0 134.7 202.1



#59
2-Hexanone
Concen: 18.174 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 43 Resp: 29578
Ion Ratio Lower Upper
43 100
58 20.7 27.2 81.5#

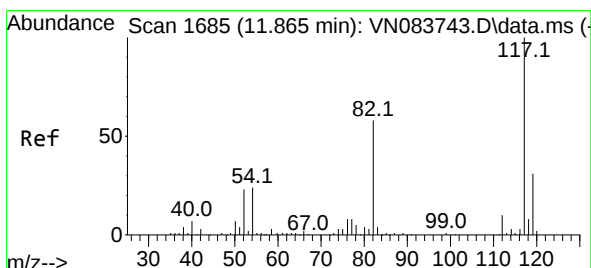
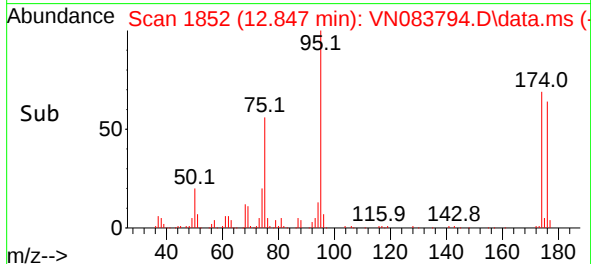
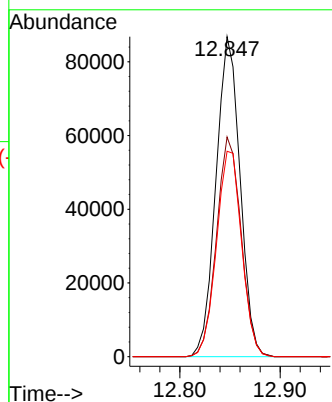
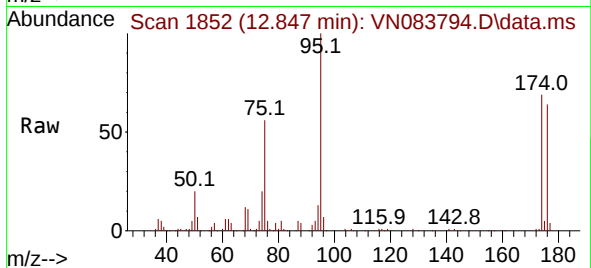




#62
4-Bromofluorobenzene
Concen: 62.078 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

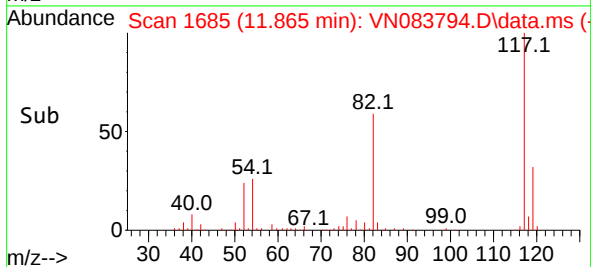
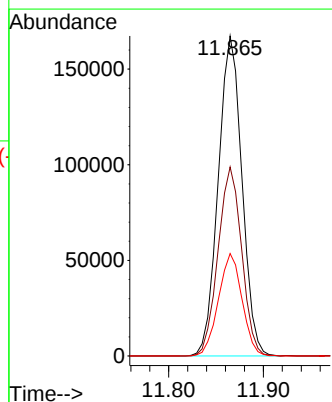
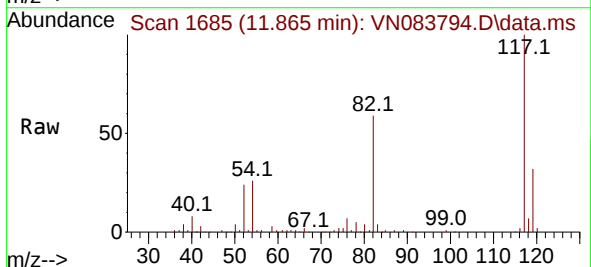
Instrument :
MSVOA_N
ClientSampleId :
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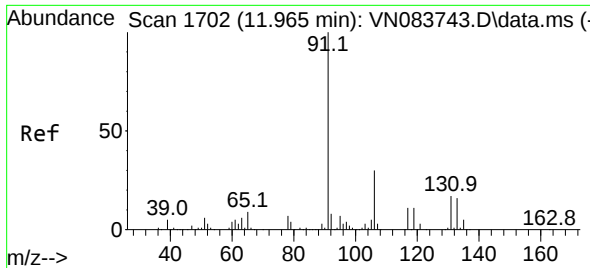
Tgt Ion: 95 Resp: 144544
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion: 117 Resp: 291234
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.0 26.3 39.5

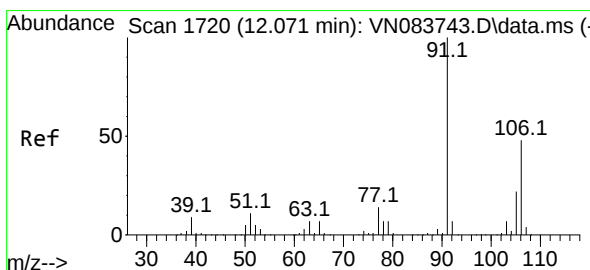
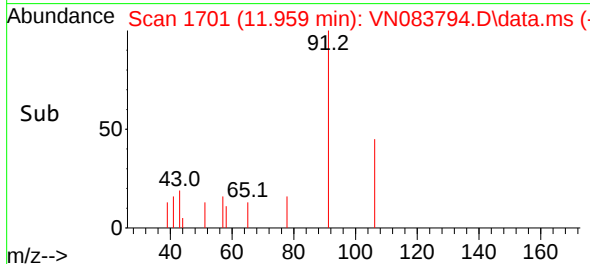
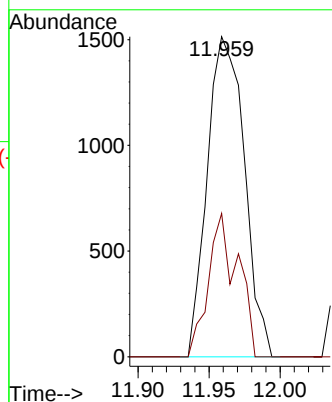
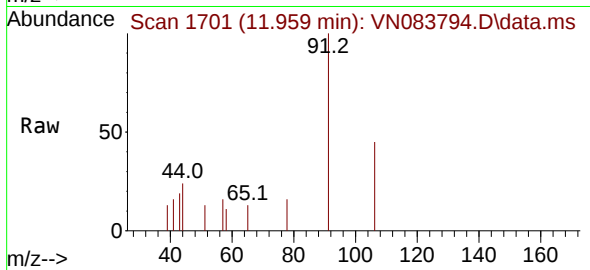




#67
Ethyl Benzene
Concen: 0.239 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

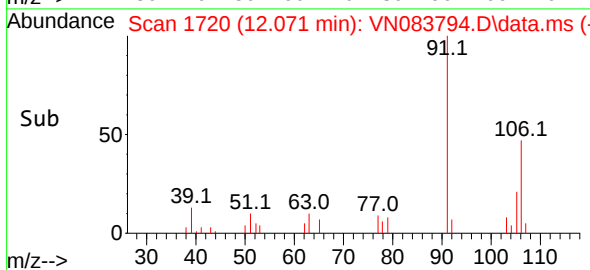
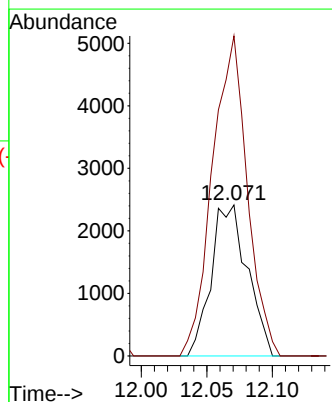
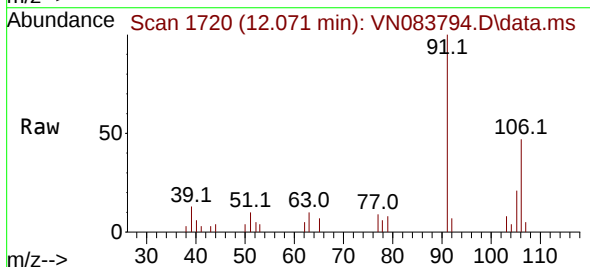
Instrument :
MSVOA_N
ClientSampleId :
830

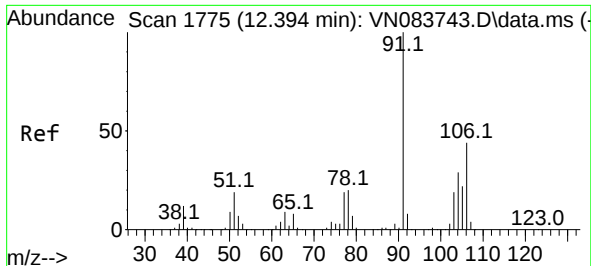
Tgt Ion: 91 Resp: 2753
Ion Ratio Lower Upper
91 100
106 44.8 24.3 36.5#



#68
m/p-Xylenes
Concen: 1.089 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion:106 Resp: 4647
Ion Ratio Lower Upper
106 100
91 203.7 169.2 253.8

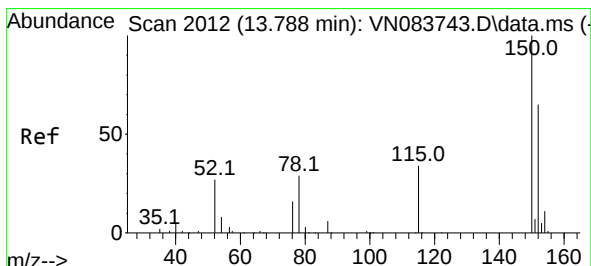
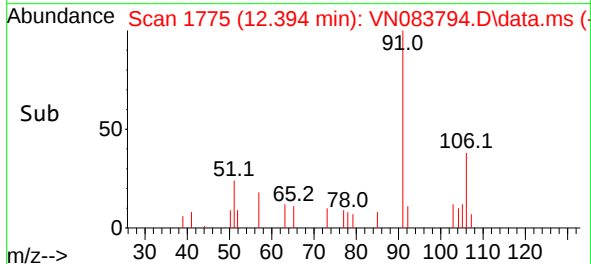
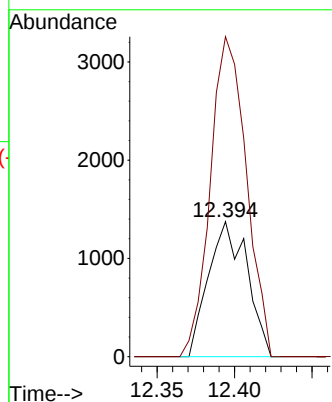
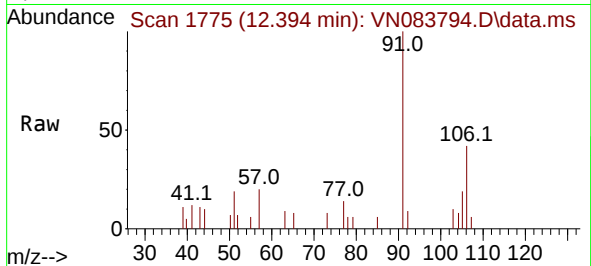




#69
o-Xylene
Concen: 0.576 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
830

Tgt Ion:106 Resp: 2381
Ion Ratio Lower Upper
106 100
91 221.4 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083794.D
Acq: 11 Sep 2024 14:21

Tgt Ion:152 Resp: 150416
Ion Ratio Lower Upper
152 100
115 65.1 32.2 96.6
150 160.0 0.0 348.6

