

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083815.D
 Acq On : 11 Sep 2024 23:09
 Operator : JC\MD
 Sample : P3913-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-D

Quant Time: Sep 12 02:18:12 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)

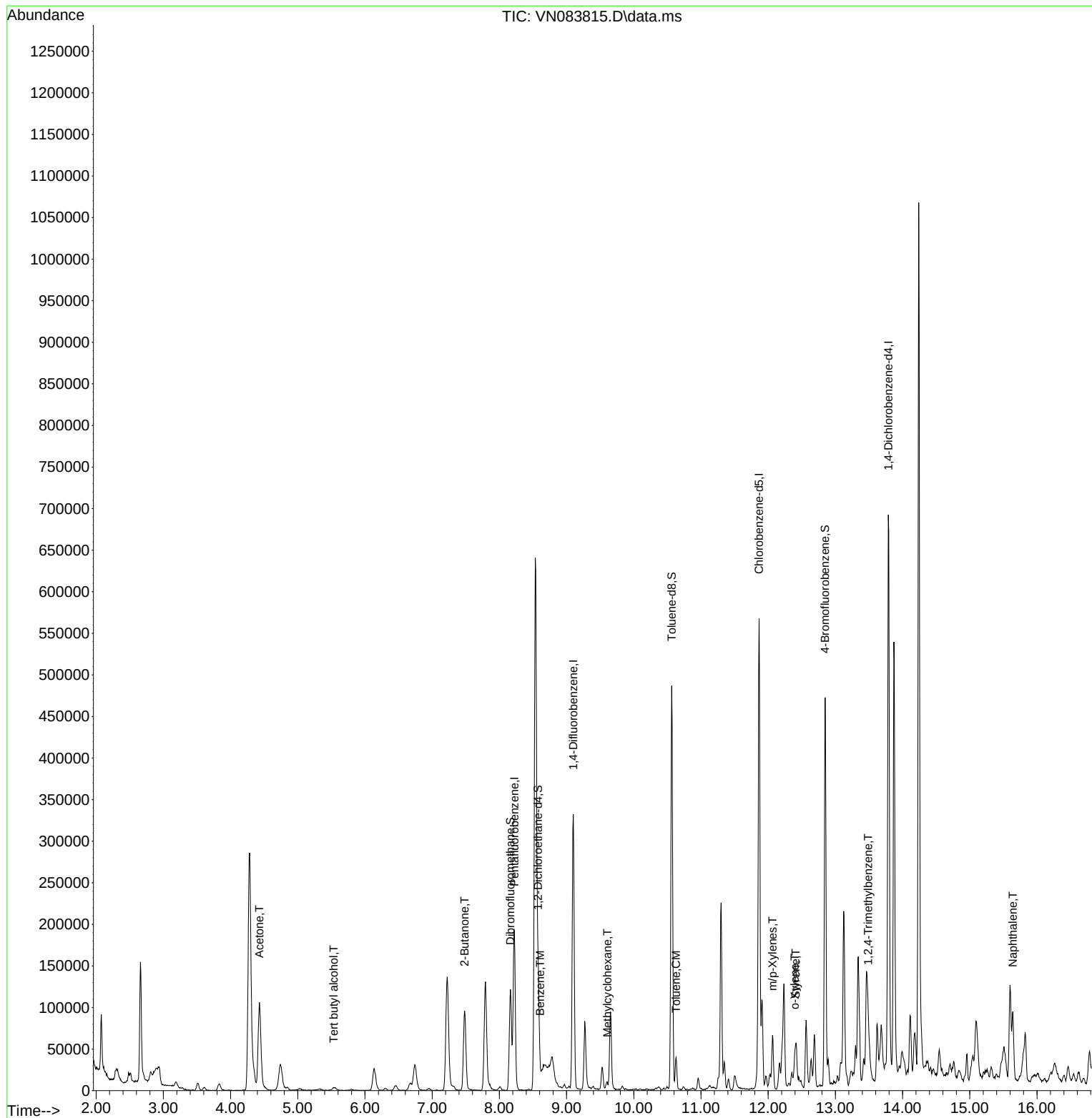
Internal Standards						
1) Pentafluorobenzene	8.224	168	128894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107614	55.370	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.740%	
35) Dibromofluoromethane	8.165	113	84713	48.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.580%	
50) Toluene-d8	10.565	98	309671	51.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.847	95	157223	63.493	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 126.980%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	7083	27.215	ug/l #	74
16) Acetone	4.430	43	197015	252.869	ug/l	100
25) 2-Butanone	7.482	43	157320	153.629	ug/l	99
39) Methylcyclohexane	9.606	83	3249	1.092	ug/l #	70
40) Benzene	8.606	78	8808	1.120	ug/l	94
52) Toluene	10.629	92	15885	3.302	ug/l	96
68) m/p-Xylenes	12.065	106	18130	4.079	ug/l	99
69) o-Xylene	12.394	106	6718	1.561	ug/l	93
70) Styrene	12.412	104	9001	1.275	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	22847	2.031	ug/l	72
95) Naphthalene	15.641	128	64170	6.748	ug/l #	94

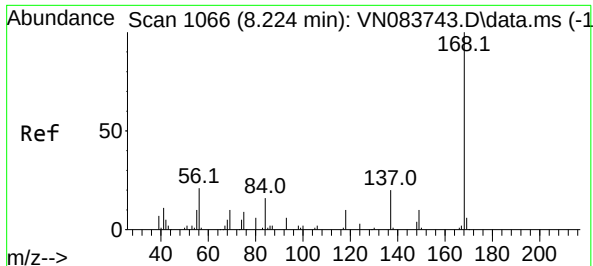
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
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9424-D-F-82924-D

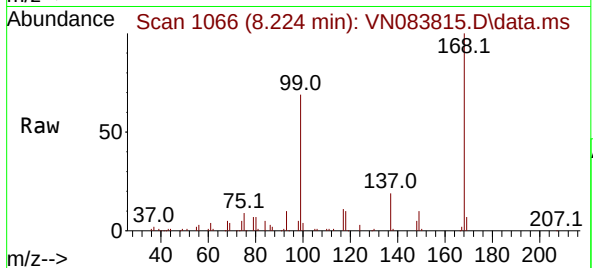
Quant Time: Sep 12 02:18:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



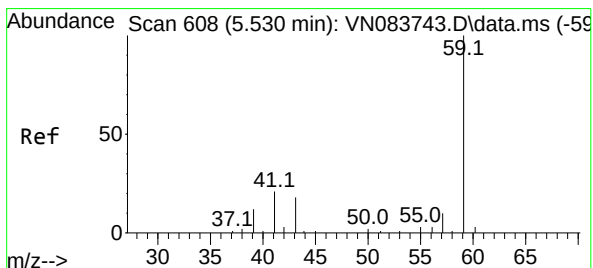
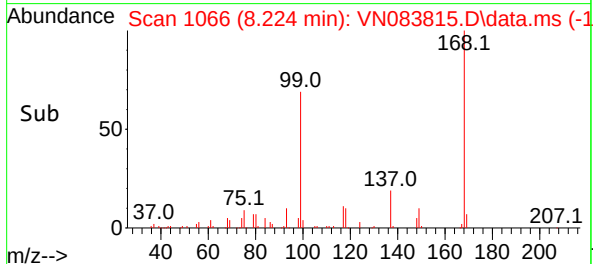
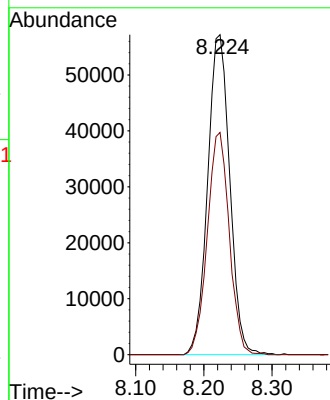


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

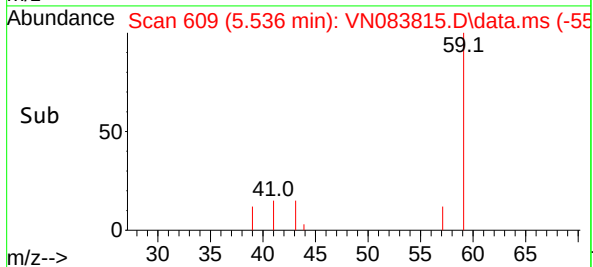
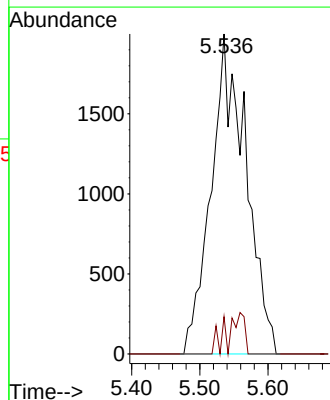
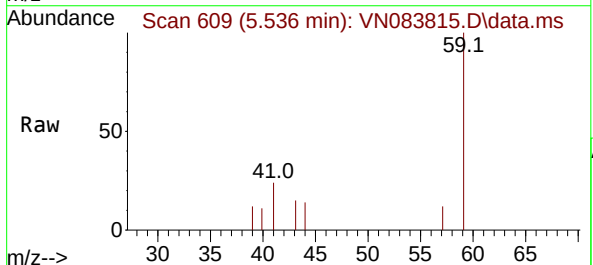


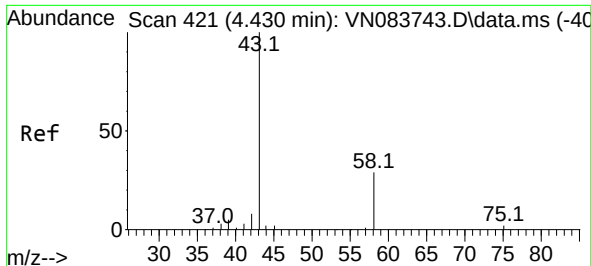
Tgt Ion:168 Resp: 128894
Ion Ratio Lower Upper
168 100
99 69.5 54.2 81.2



#11
Tert butyl alcohol
Concen: 27.215 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Tgt Ion: 59 Resp: 7083
Ion Ratio Lower Upper
59 100
57 1.2 8.7 13.1#

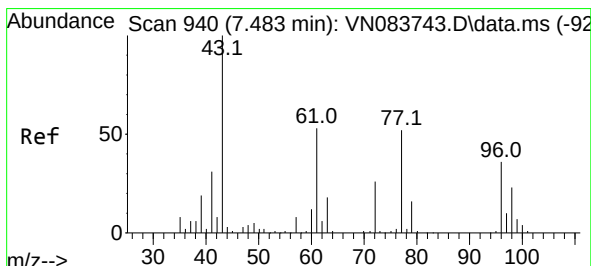
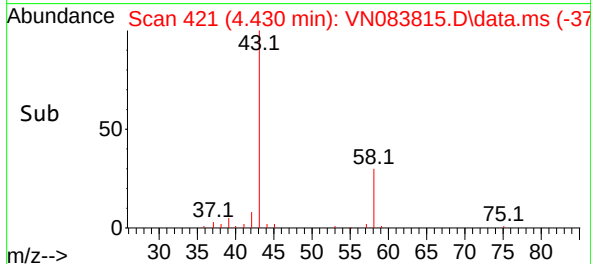
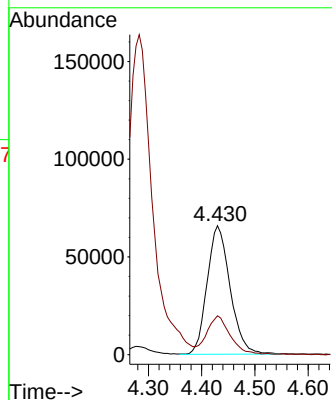
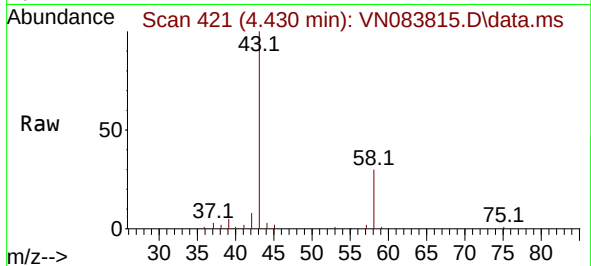




#16
Acetone
Concen: 252.869 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

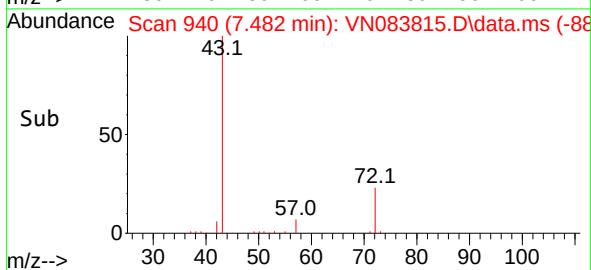
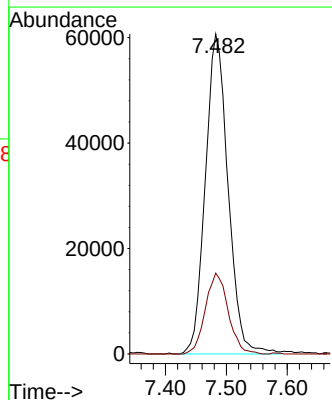
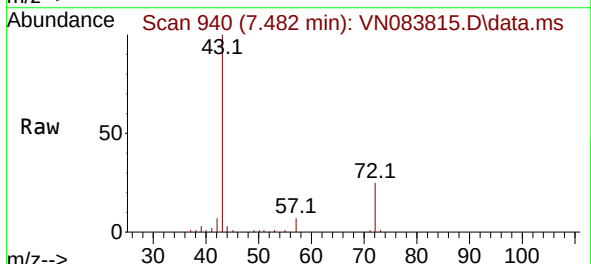
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

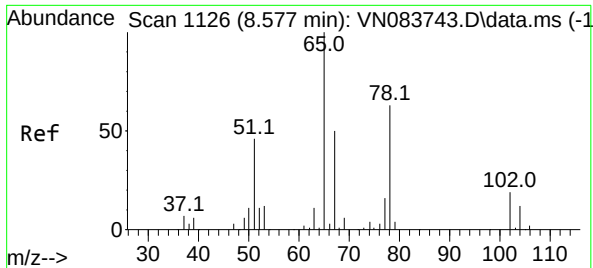
Tgt Ion: 43 Resp: 197015
Ion Ratio Lower Upper
43 100
58 29.7 23.7 35.5



#25
2-Butanone
Concen: 153.629 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Tgt Ion: 43 Resp: 157320
Ion Ratio Lower Upper
43 100
72 25.2 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 55.370 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

Instrument :

MSVOA_N

ClientSampleId :

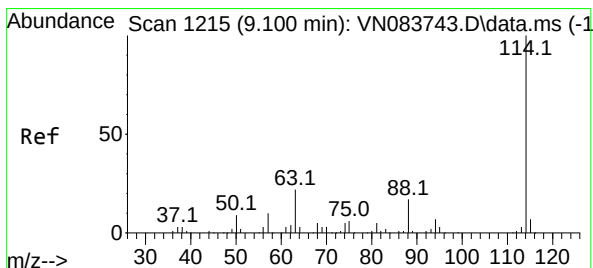
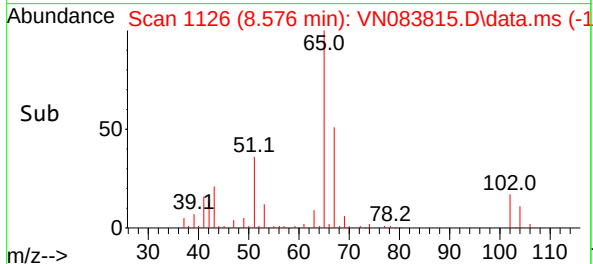
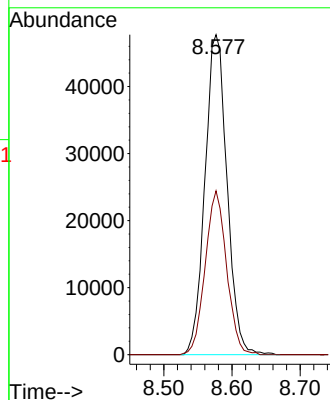
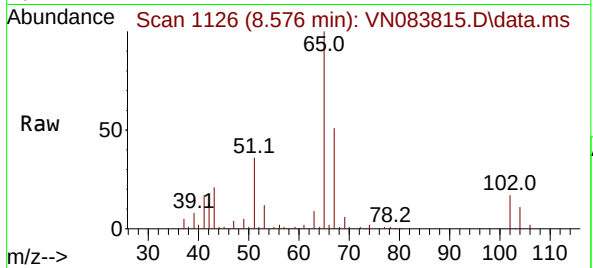
9424-D-F-82924-D

Tgt Ion: 65 Resp: 107614

Ion Ratio Lower Upper

65 100

67 49.7 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: VN083815.D

Acq: 11 Sep 2024 23:09

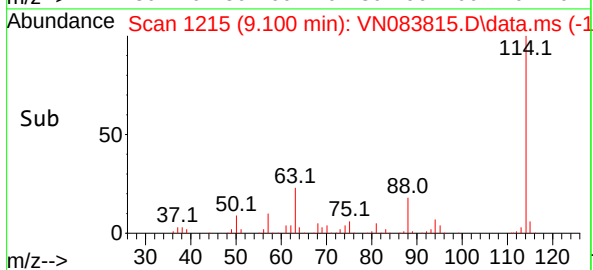
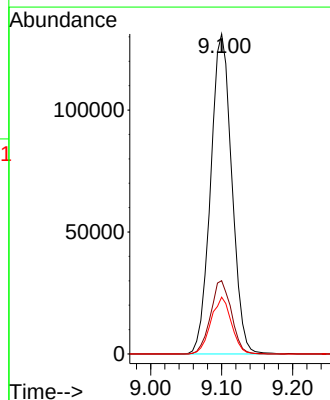
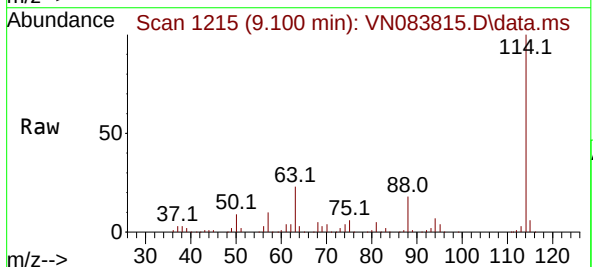
Tgt Ion: 114 Resp: 271188

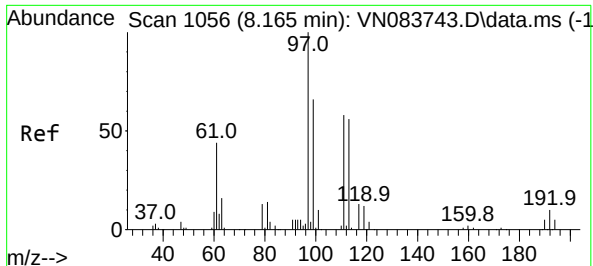
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 17.7 0.0 32.6

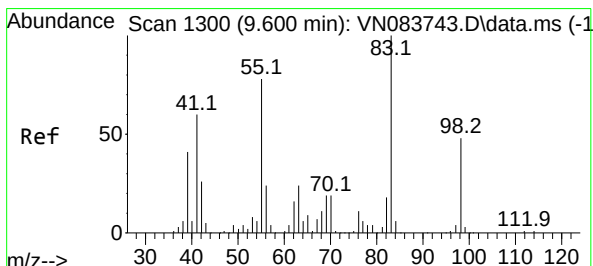
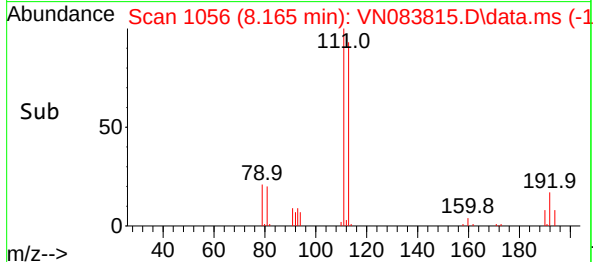
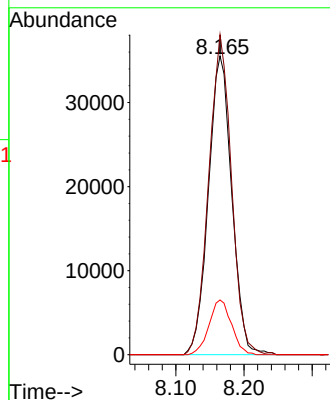
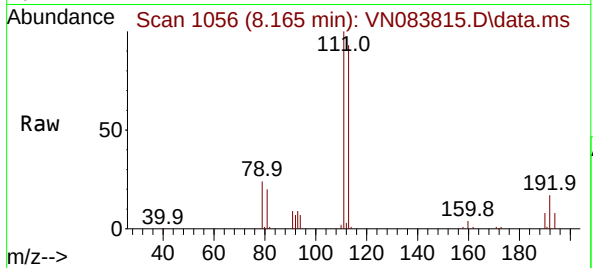




#35
Dibromofluoromethane
Concen: 48.795 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

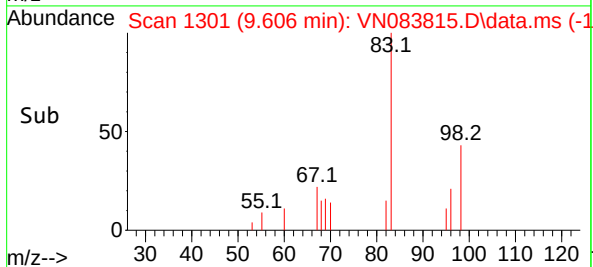
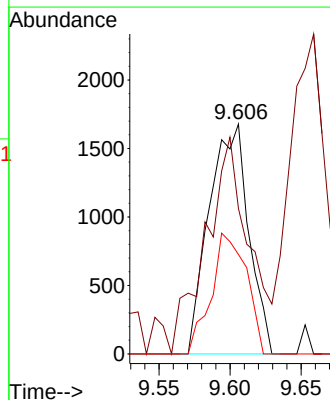
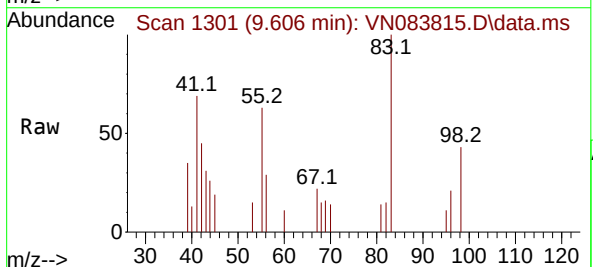
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

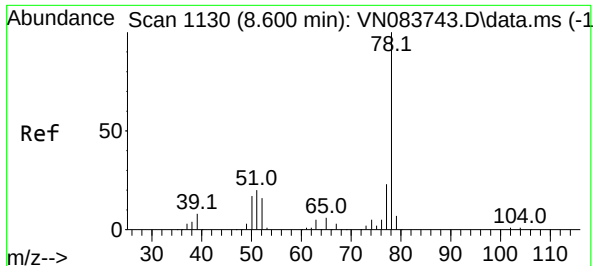
Tgt Ion:	113	Resp:	84713
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	17.6	14.3	21.5



#39
Methylcyclohexane
Concen: 1.092 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Tgt Ion:	83	Resp:	3249
Ion	Ratio	Lower	Upper
83	100		
55	39.1	62.2	93.4#
98	43.3	37.6	56.4





#40

Benzene

Concen: 1.120 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN083815.D

Acq: 11 Sep 2024 23:09

Instrument :

MSVOA_N

ClientSampleId :

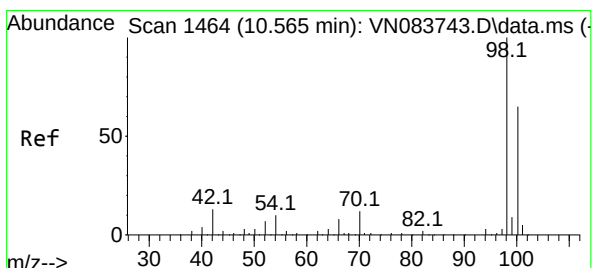
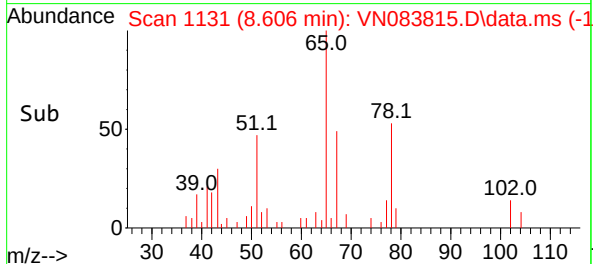
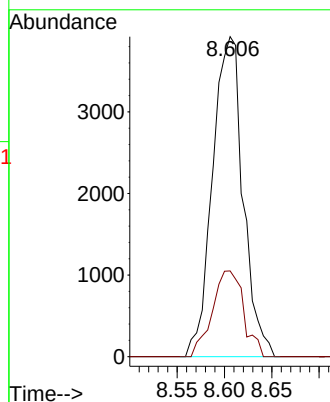
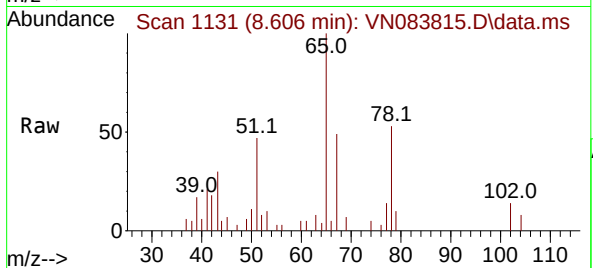
9424-D-F-82924-D

Tgt Ion: 78 Resp: 8808

Ion Ratio Lower Upper

78 100

77 26.8 19.0 28.6



#50

Toluene-d8

Concen: 51.596 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083815.D

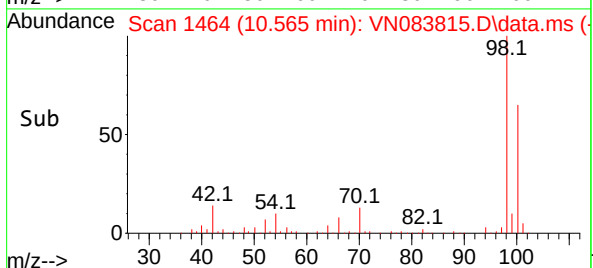
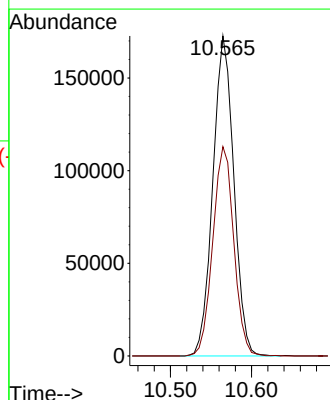
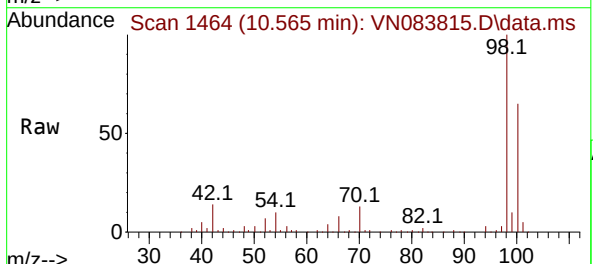
Acq: 11 Sep 2024 23:09

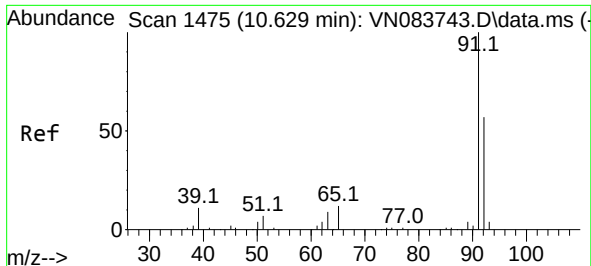
Tgt Ion: 98 Resp: 309671

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

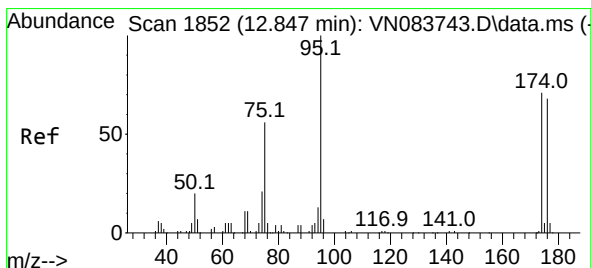
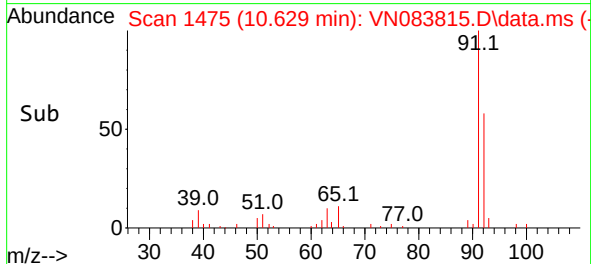
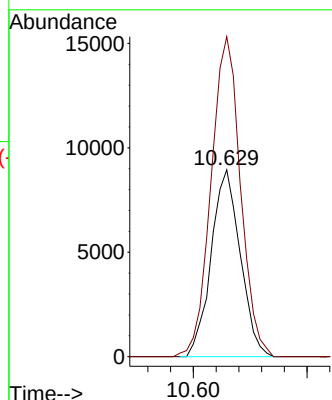
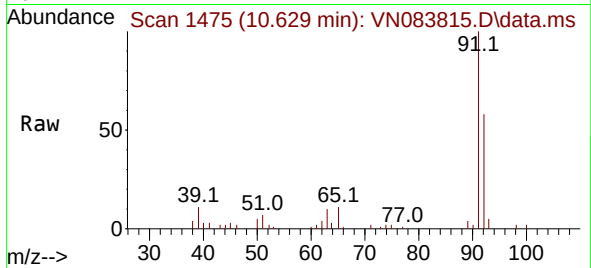




#52
Toluene
Concen: 3.302 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

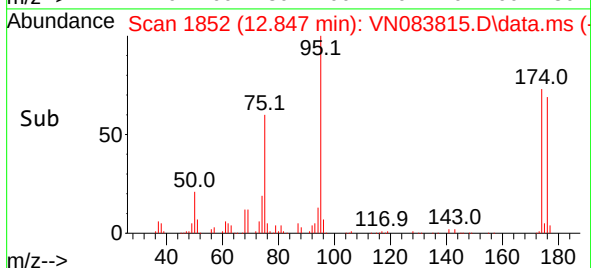
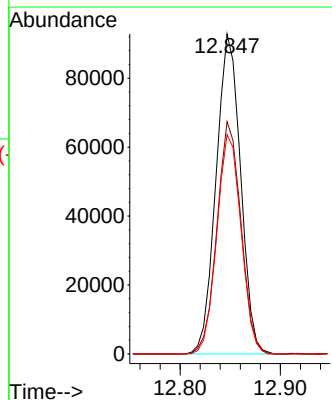
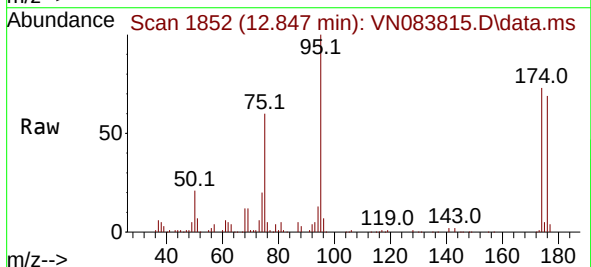
Instrument :
MSVOA_N
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9424-D-F-82924-D

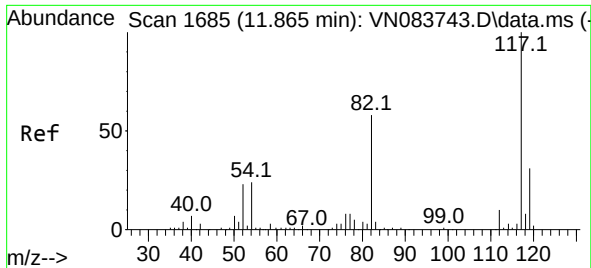
Tgt Ion: 92 Resp: 15885
Ion Ratio Lower Upper
92 100
91 173.5 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 63.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Tgt Ion: 95 Resp: 157223
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.9 0.0 131.4

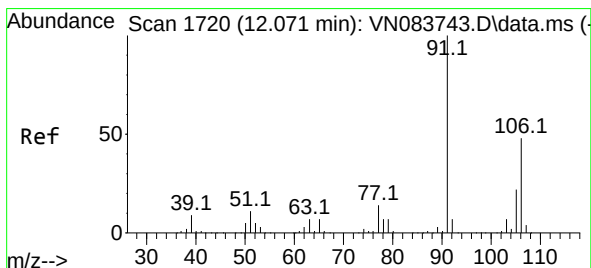
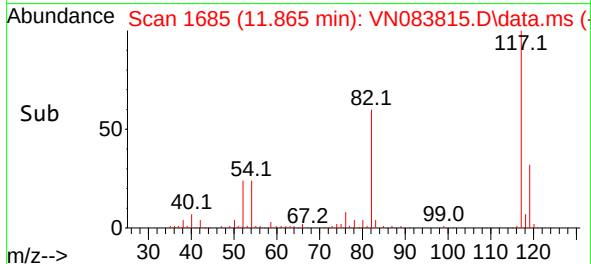
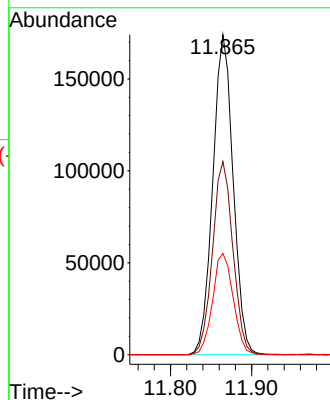
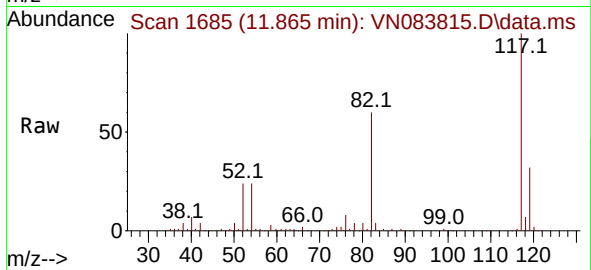




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11719
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

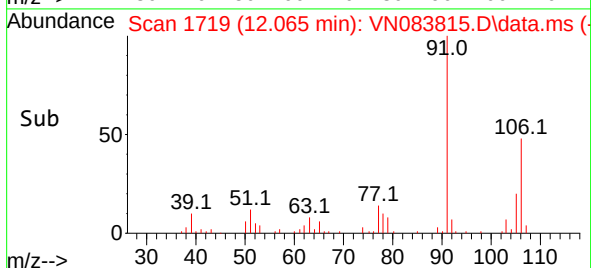
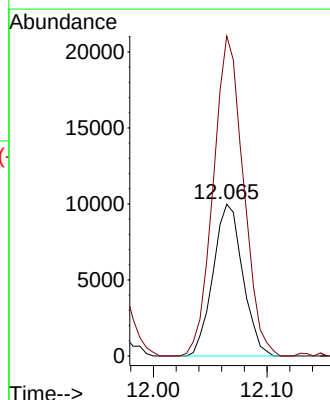
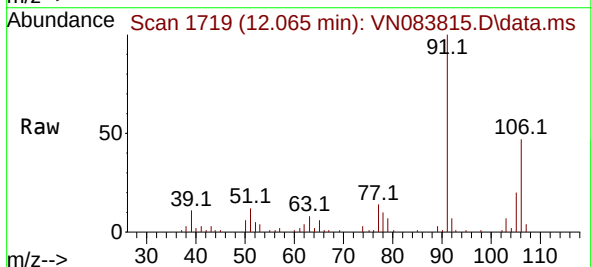
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

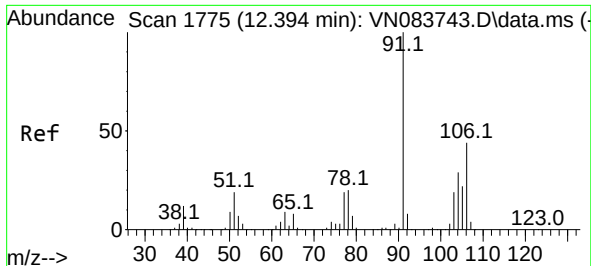
Tgt Ion:117 Resp: 303232
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 31.6 26.3 39.5



#68
m/p-Xylenes
Concen: 4.079 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Tgt Ion:106 Resp: 18130
Ion Ratio Lower Upper
106 100
91 213.8 169.2 253.8

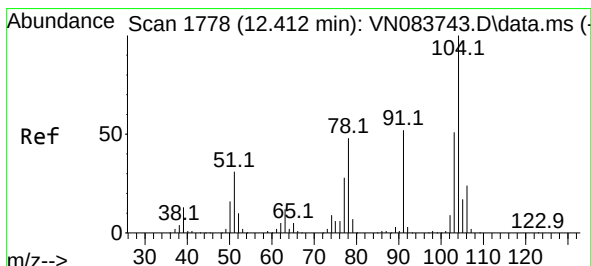
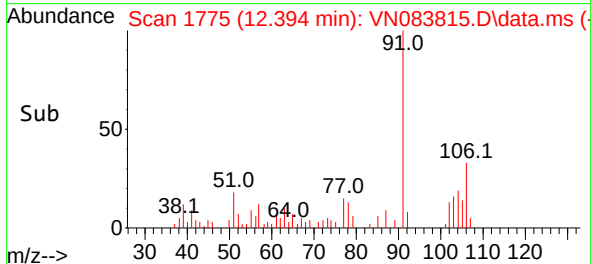
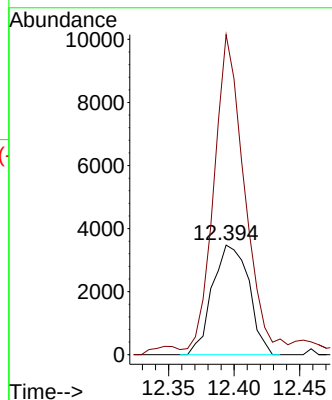
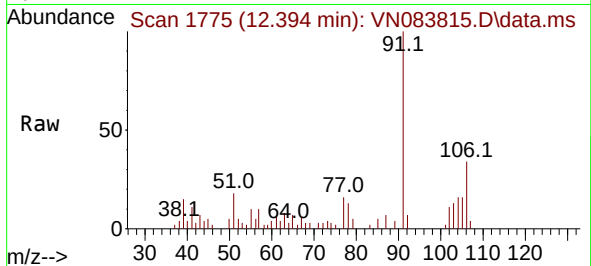




#69
o-Xylene
Concen: 1.561 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

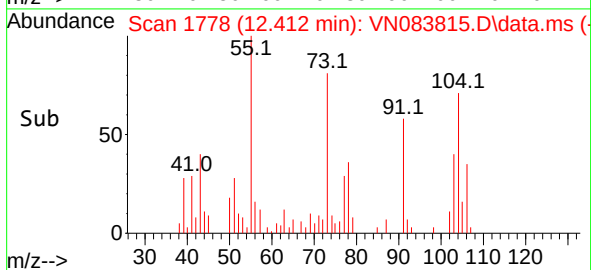
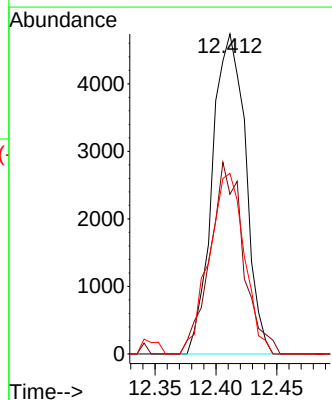
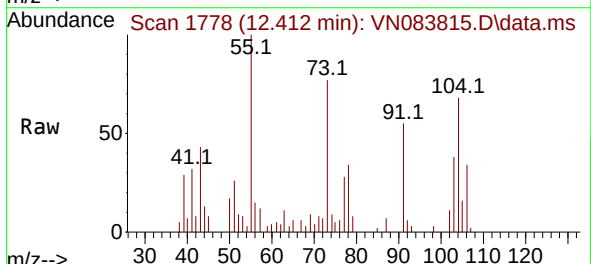
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

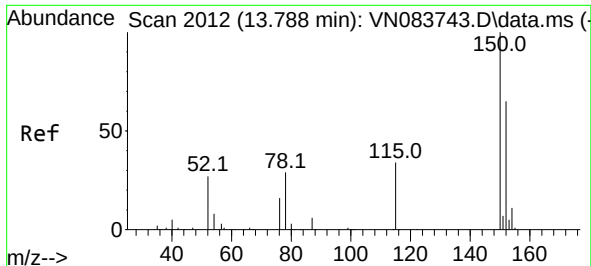
Tgt Ion:106 Resp: 6718
Ion Ratio Lower Upper
106 100
91 237.7 112.9 338.6



#70
Styrene
Concen: 1.275 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

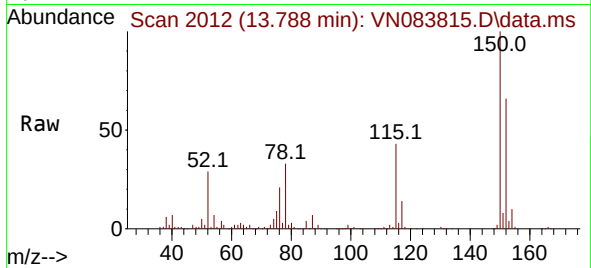
Tgt Ion:104 Resp: 9001
Ion Ratio Lower Upper
104 100
78 59.9 43.3 64.9
103 60.1 43.4 65.2



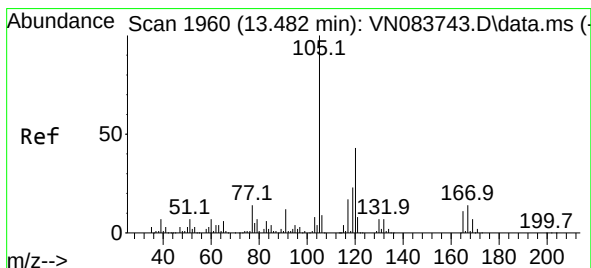
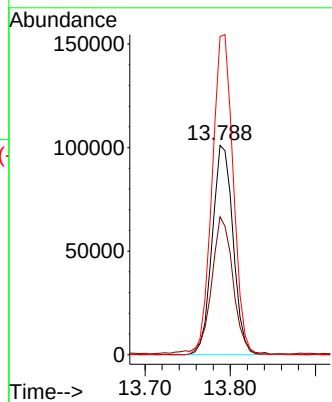
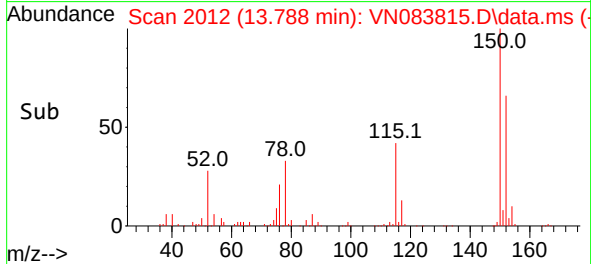


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN083815.D
 Acq: 11 Sep 2024 23:09

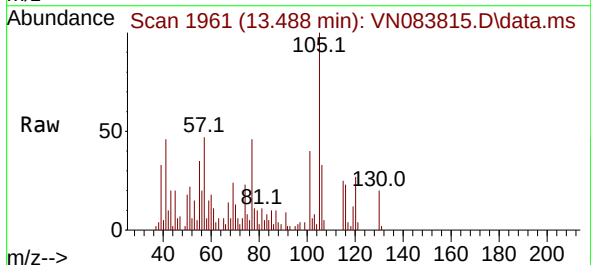
Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-D



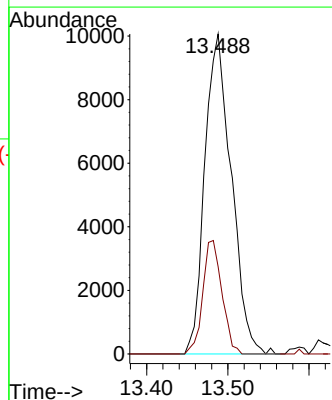
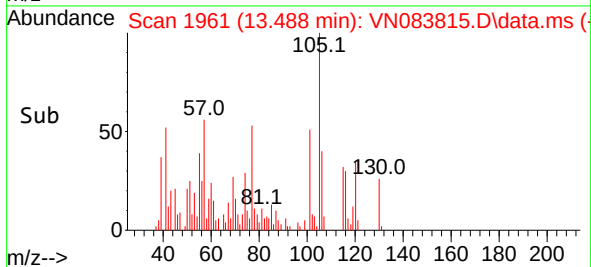
Tgt Ion:152 Resp: 171715
 Ion Ratio Lower Upper
 152 100
 115 67.8 32.2 96.6
 150 154.0 0.0 348.6

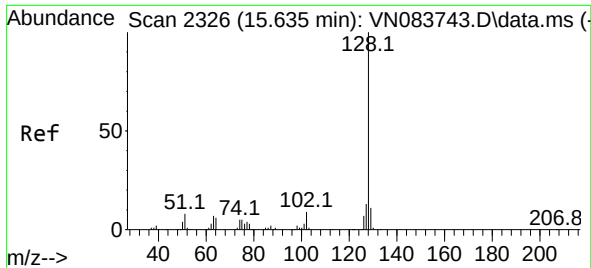


#84
 1,2,4-Trimethylbenzene
 Concen: 2.031 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN083815.D
 Acq: 11 Sep 2024 23:09



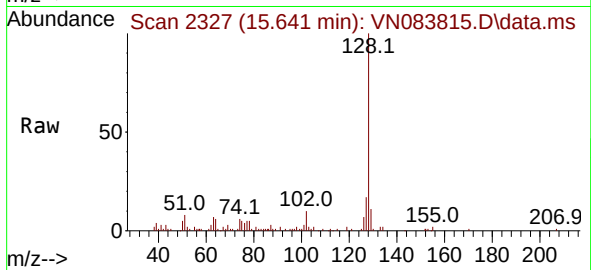
Tgt Ion:105 Resp: 22847
 Ion Ratio Lower Upper
 105 100
 120 25.6 21.8 65.4





#95
Naphthalene
Concen: 6.748 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083815.D
Acq: 11 Sep 2024 23:09

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D



Tgt Ion:128 Resp: 64170
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 13.2 8.7 13.1#

