

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081887.D
 Acq On : 26 Apr 2024 18:55
 Operator : JC\MD
 Sample : P2263-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 60156

Quant Time: Apr 26 23:05:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

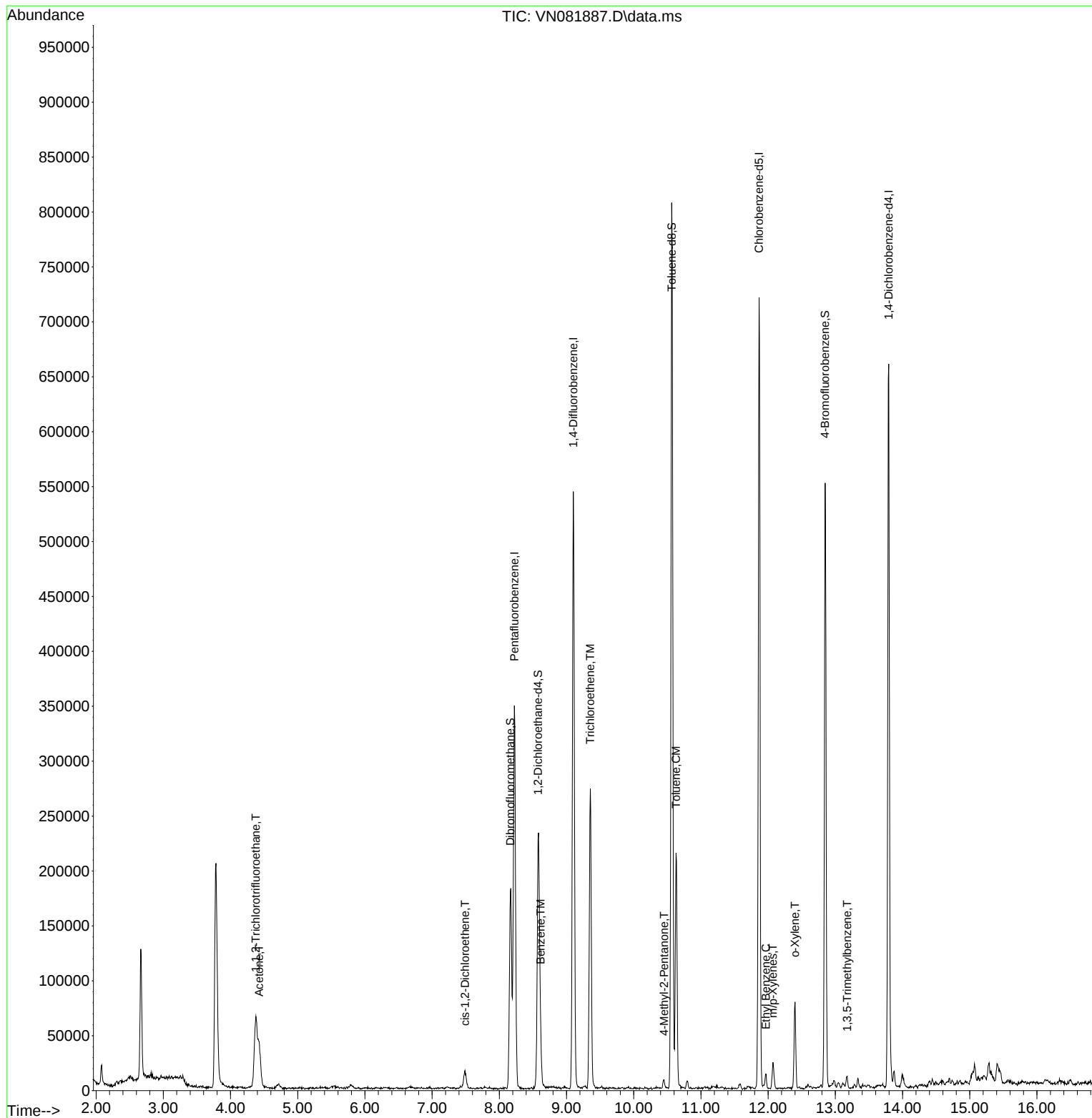
Internal Standards						
1) Pentafluorobenzene	8.224	168	247380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	400549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178217	42.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.380%
35) Dibromofluoromethane	8.165	113	133747	48.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	555326	50.844	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.847	95	201809	46.741	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.480%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	46816	15.896	ug/l	95
16) Acetone	4.424	43	68228	50.908	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	7797	2.042	ug/l	93
40) Benzene	8.612	78	53079	3.908	ug/l	97
44) Trichloroethene	9.353	130	95471	30.488	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	6626	1.280	ug/l	90
52) Toluene	10.630	92	93106	11.447	ug/l	98
67) Ethyl Benzene	11.965	91	7524	0.463	ug/l #	81
68) m/p-Xylenes	12.071	106	6959	1.199	ug/l	99
69) o-Xylene	12.400	106	20664	3.648	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	4899	0.395	ug/l	88

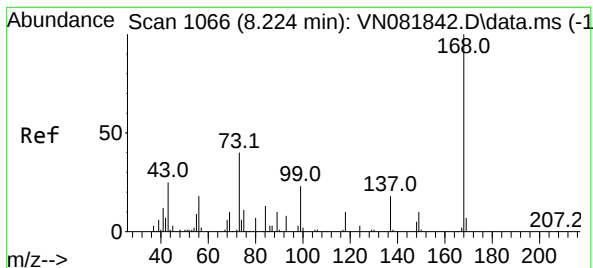
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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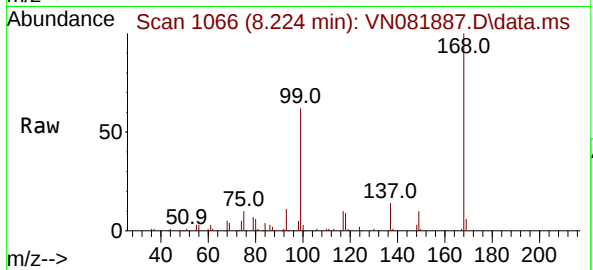
Quant Time: Apr 26 23:05:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration



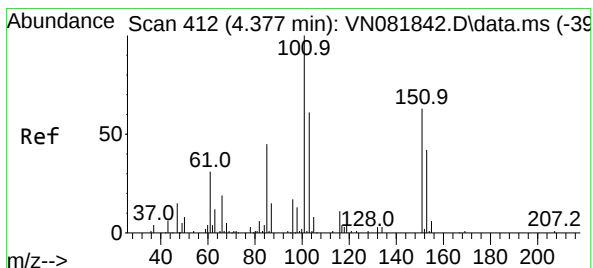
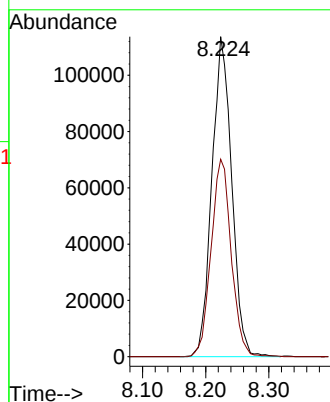
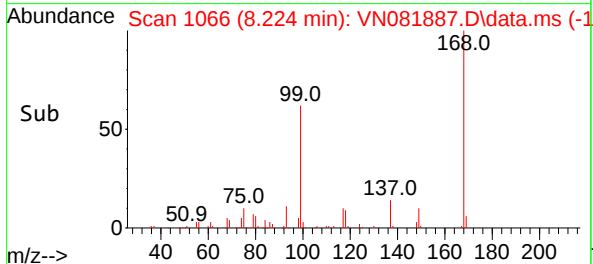


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Instrument :
MSVOA_N
ClientSampleId :
60156

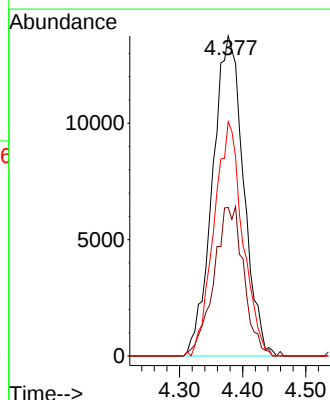
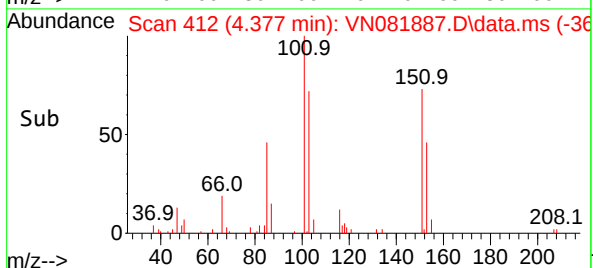
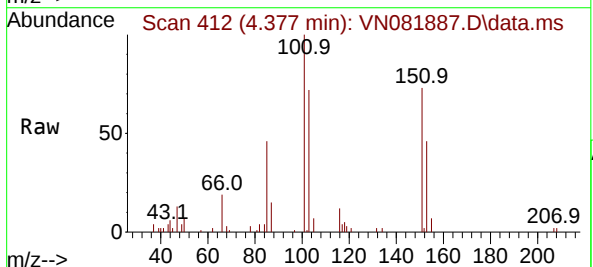


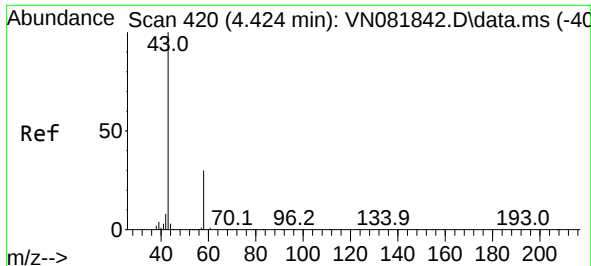
Tgt Ion:168 Resp: 247380
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.896 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion:101 Resp: 46816
Ion Ratio Lower Upper
101 100
85 45.2 37.3 55.9
151 68.0 59.2 88.8

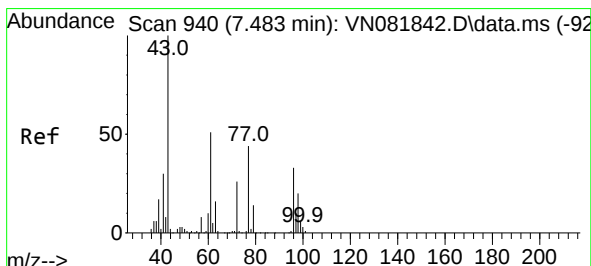
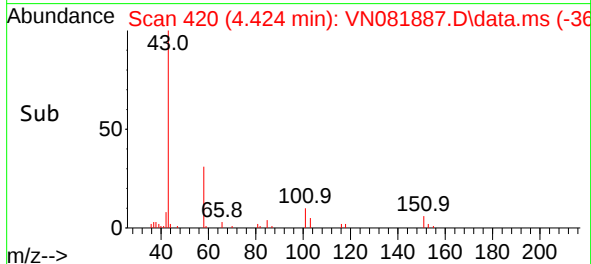
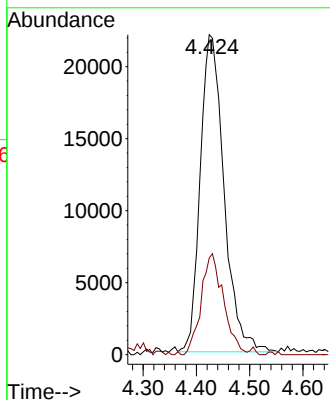
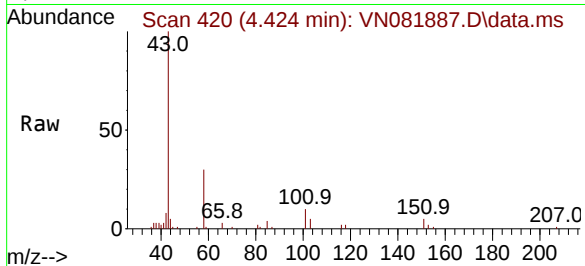




#16
Acetone
Concen: 50.908 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

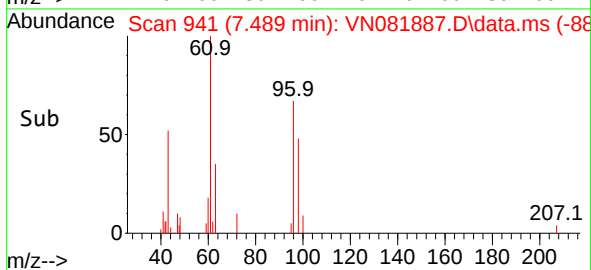
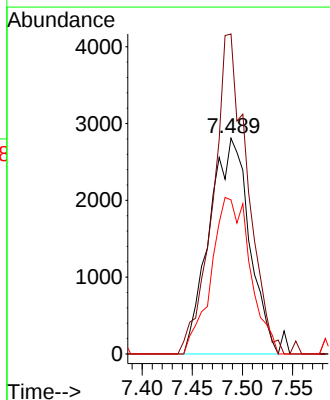
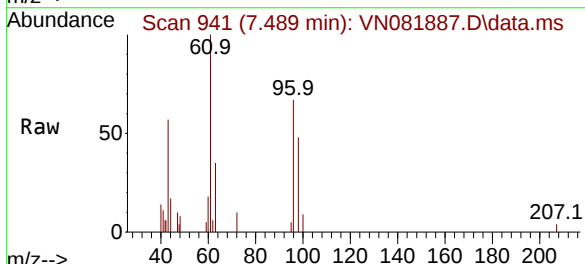
Instrument :
MSVOA_N
ClientSampleId :
60156

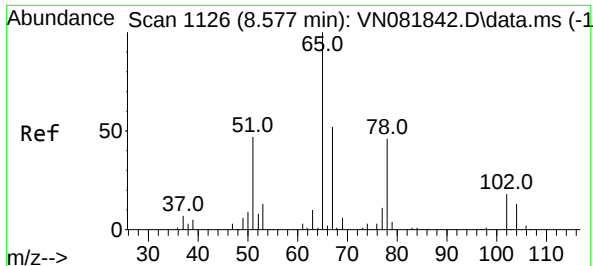
Tgt Ion: 43 Resp: 68228
Ion Ratio Lower Upper
43 100
58 29.6 25.2 37.8



#27
cis-1,2-Dichloroethene
Concen: 2.042 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion: 96 Resp: 7797
Ion Ratio Lower Upper
96 100
61 127.1 0.0 268.0
98 70.4 0.0 126.8





#33

1,2-Dichloroethane-d4

Concen: 42.685 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081887.D

Acq: 26 Apr 2024 18:55

Instrument :

MSVOA_N

ClientSampleId :

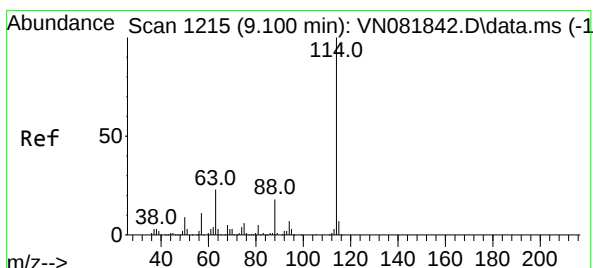
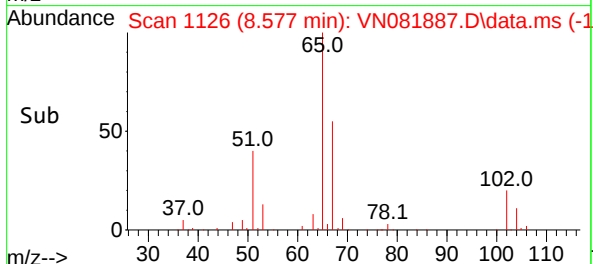
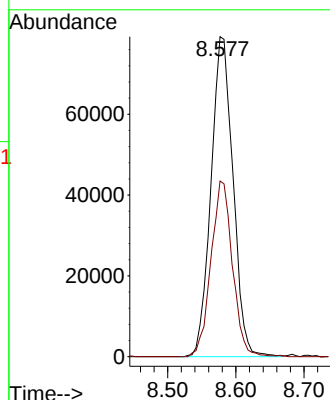
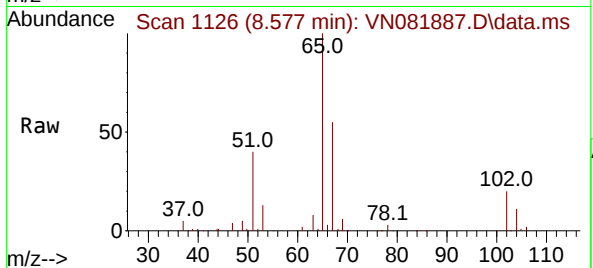
60156

Tgt Ion: 65 Resp: 178217

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081887.D

Acq: 26 Apr 2024 18:55

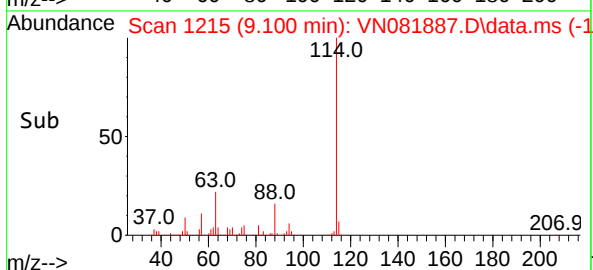
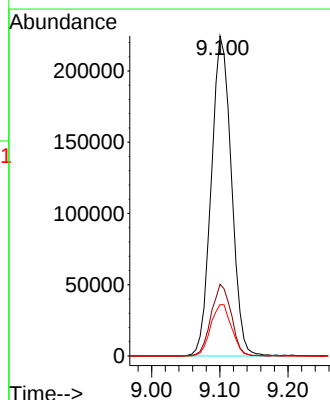
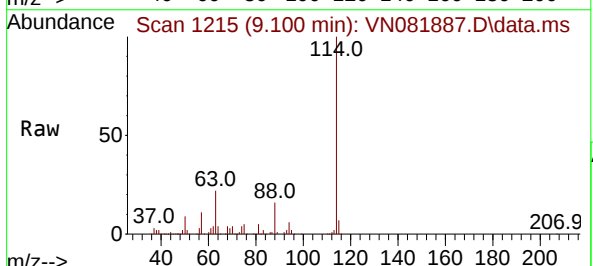
Tgt Ion: 114 Resp: 461895

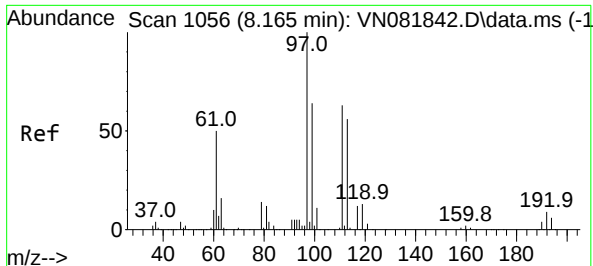
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.093 ug/l

RT: 8.165 min Scan# 113

Delta R.T. 0.000 min

Lab File: VN081887.D

Acq: 26 Apr 2024 18:55

Instrument :

MSVOA_N

ClientSampleId :

60156

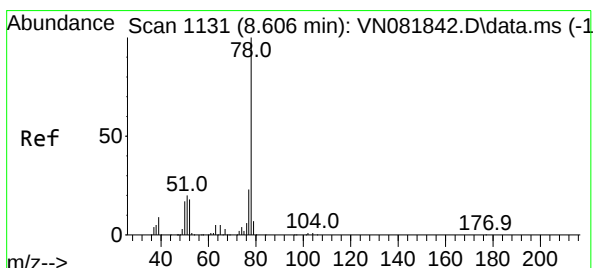
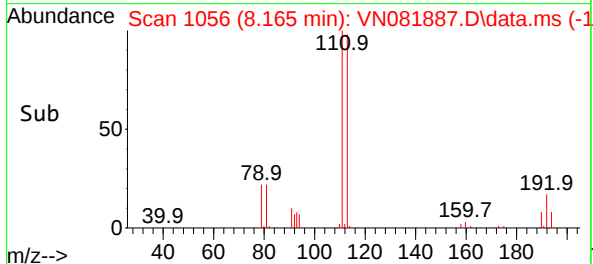
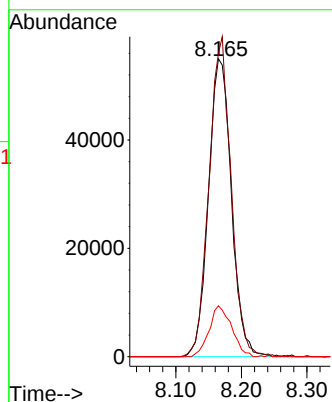
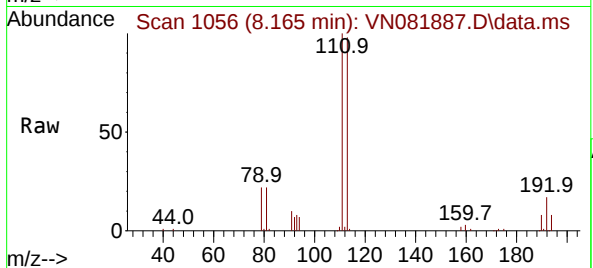
Tgt Ion:113 Resp: 133747

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 16.7 14.0 21.0



#40

Benzene

Concen: 3.908 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081887.D

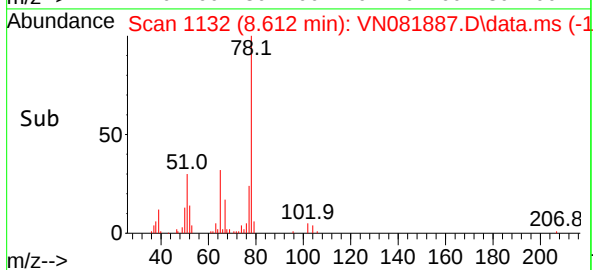
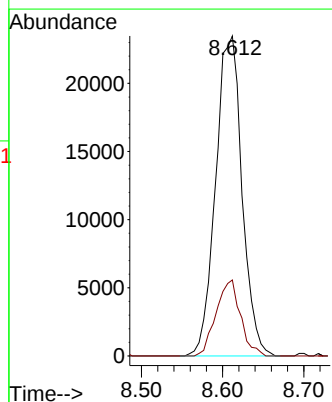
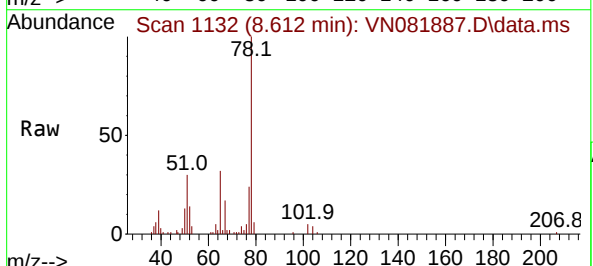
Acq: 26 Apr 2024 18:55

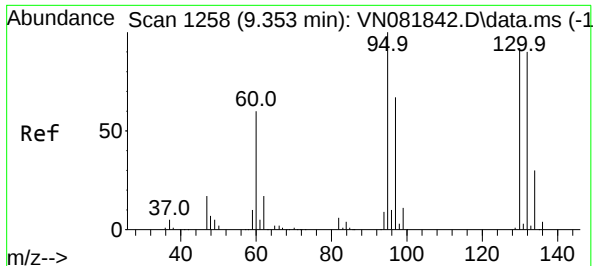
Tgt Ion: 78 Resp: 53079

Ion Ratio Lower Upper

78 100

77 23.7 20.0 30.0

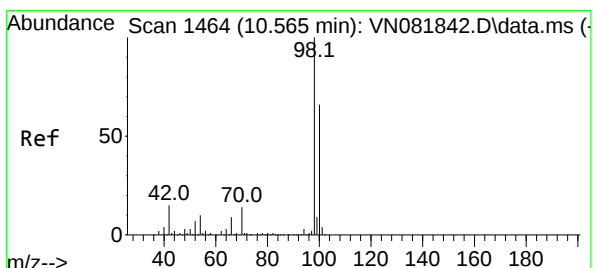
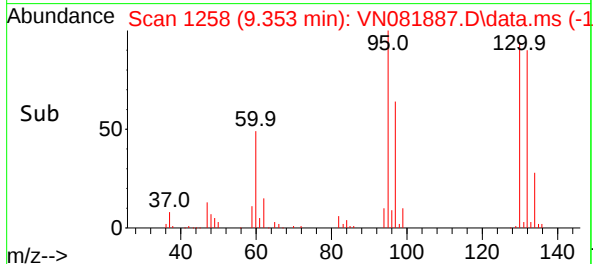
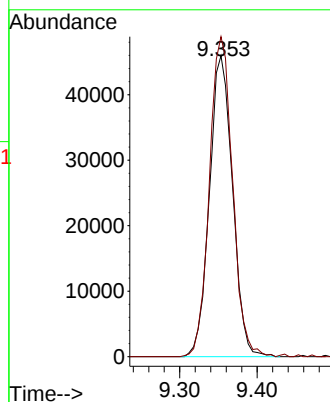
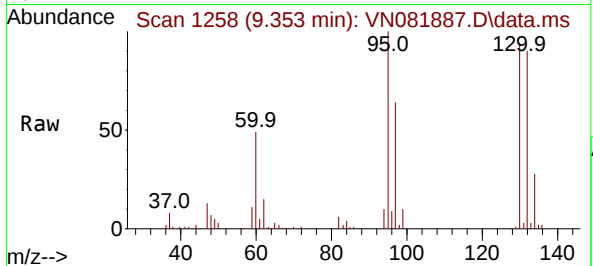




#44
Trichloroethene
Concen: 30.488 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

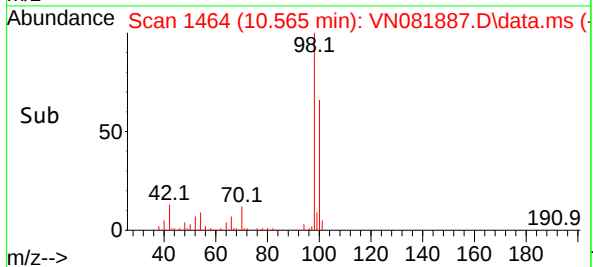
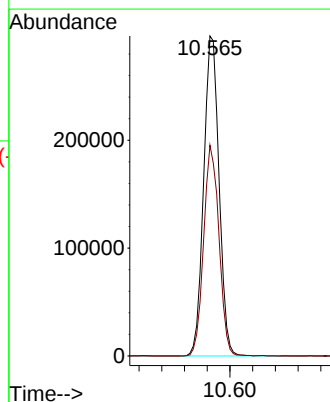
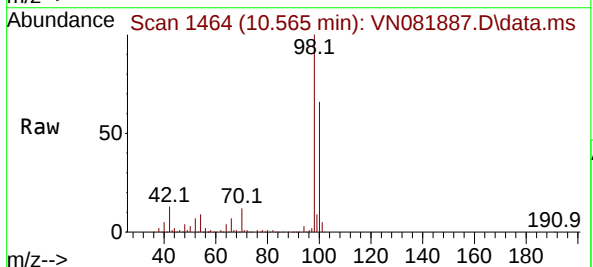
Instrument :
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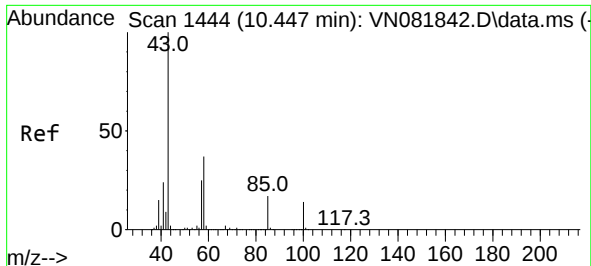
Tgt Ion:130 Resp: 95471
Ion Ratio Lower Upper
130 100
95 106.3 0.0 195.4



#50
Toluene-d8
Concen: 50.844 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion: 98 Resp: 555326
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

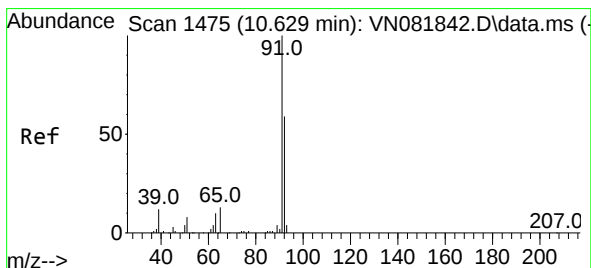
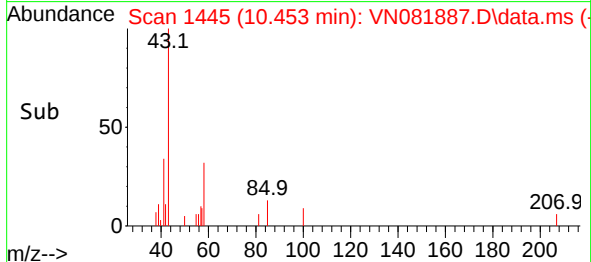
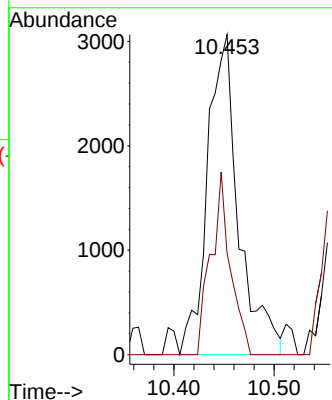
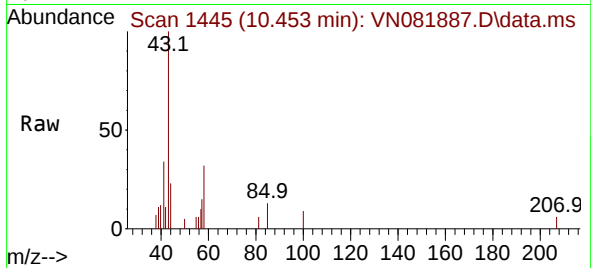




#51
4-Methyl-2-Pentanone
Concen: 1.280 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

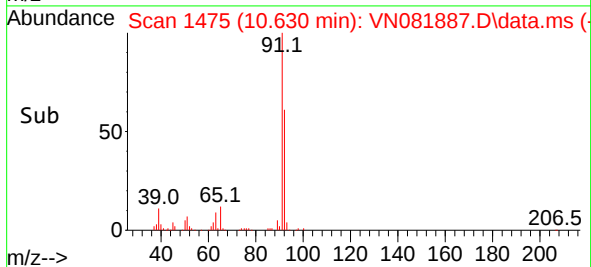
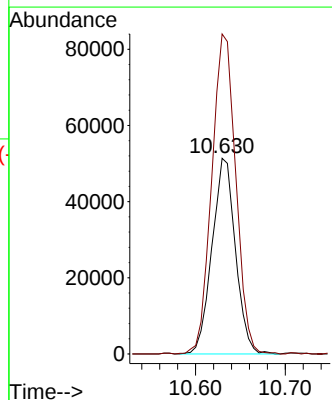
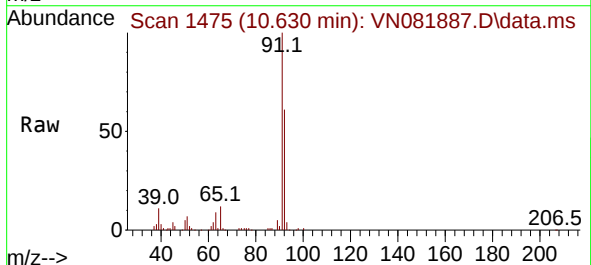
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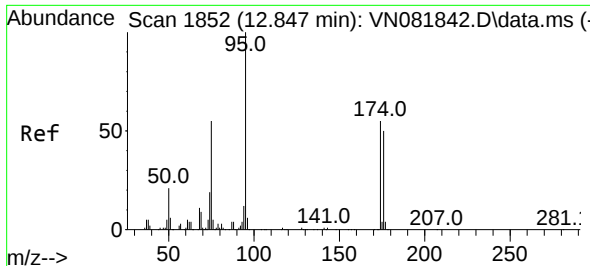
Tgt Ion: 43 Resp: 6626
Ion Ratio Lower Upper
43 100
58 35.5 33.2 49.8



#52
Toluene
Concen: 11.447 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion: 92 Resp: 93106
Ion Ratio Lower Upper
92 100
91 167.6 136.7 205.1

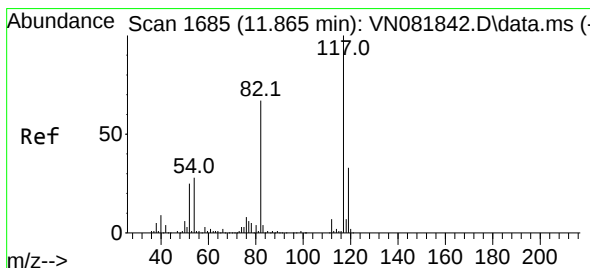
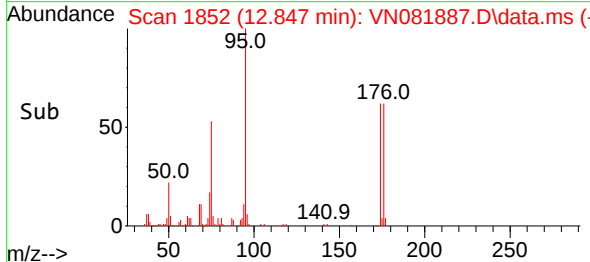
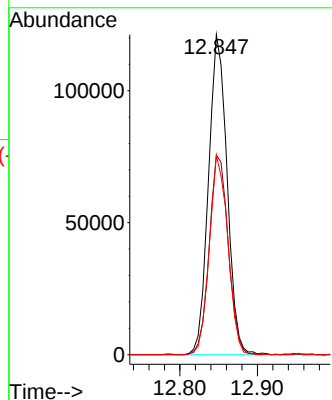
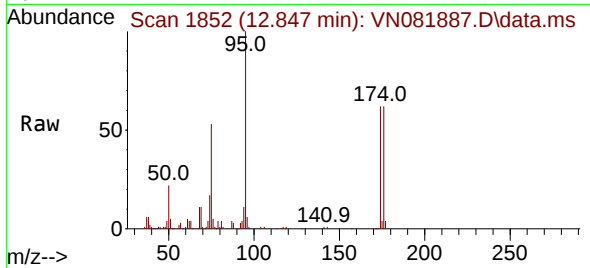




#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

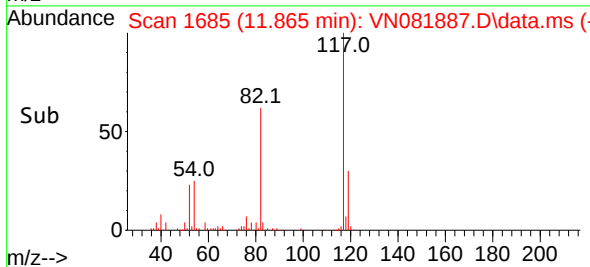
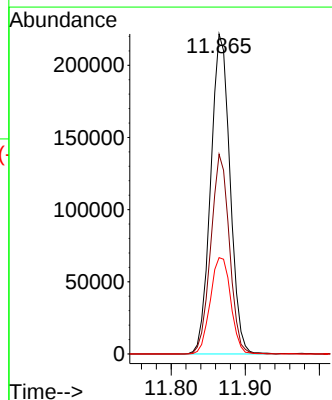
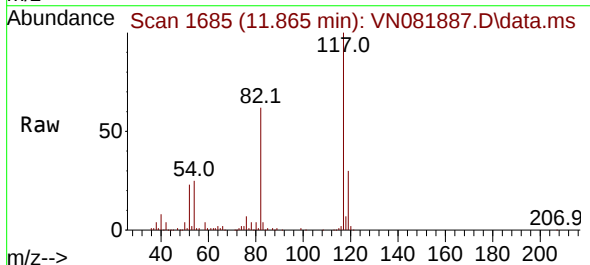
Instrument :
MSVOA_N
ClientSampleId :
60156

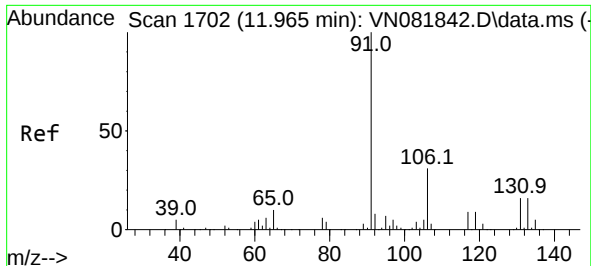
Tgt Ion: 95 Resp: 201809
Ion Ratio Lower Upper
95 100
174 63.9 0.0 160.6
176 62.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion: 117 Resp: 400549
Ion Ratio Lower Upper
117 100
82 62.4 44.6 66.8
119 30.1 25.9 38.9

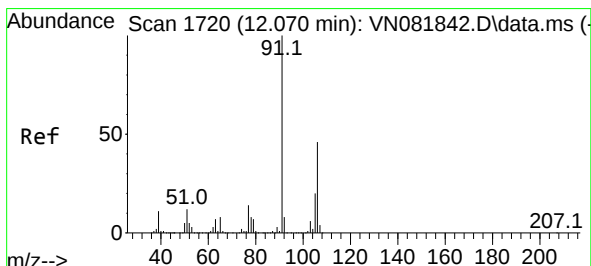
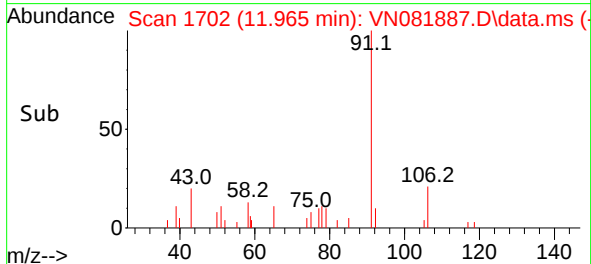
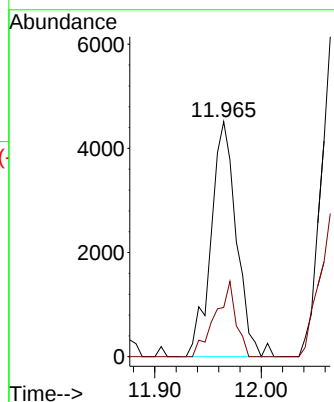
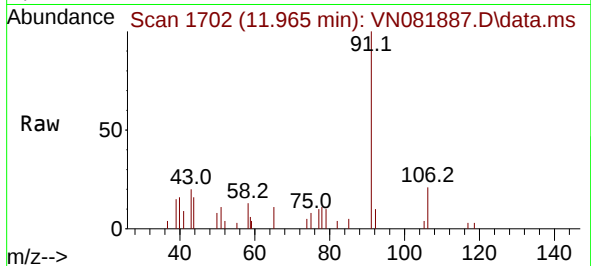




#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

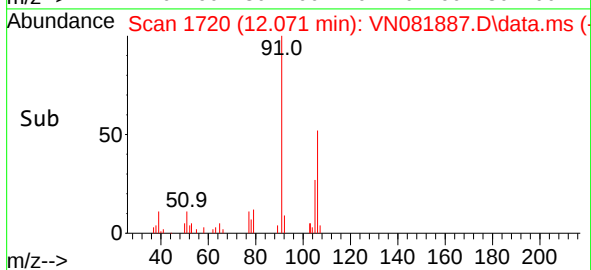
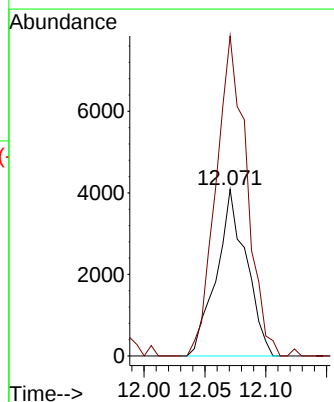
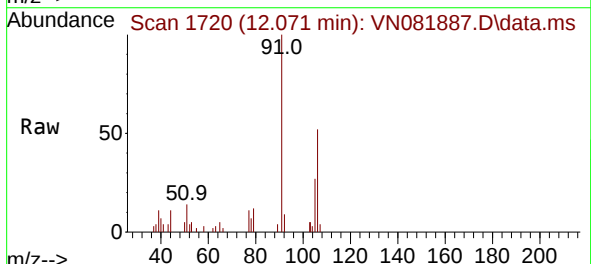
Instrument :
MSVOA_N
ClientSampleId :
60156

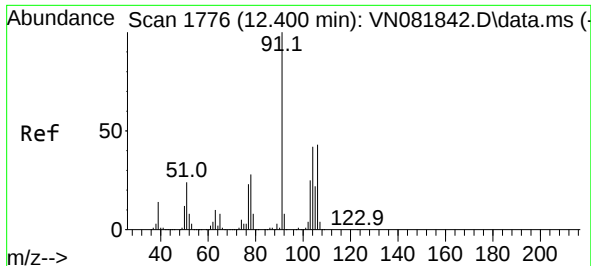
Tgt Ion: 91 Resp: 7524
Ion Ratio Lower Upper
91 100
106 21.0 25.3 37.9#



#68
m/p-Xylenes
Concen: 1.199 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion: 106 Resp: 6959
Ion Ratio Lower Upper
106 100
91 198.1 159.4 239.0

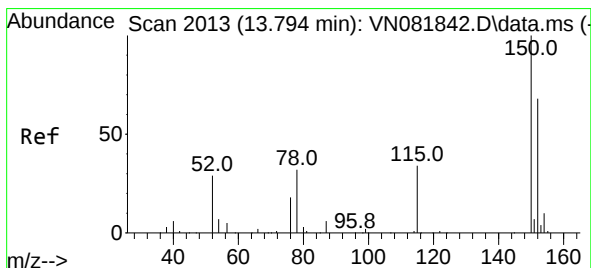
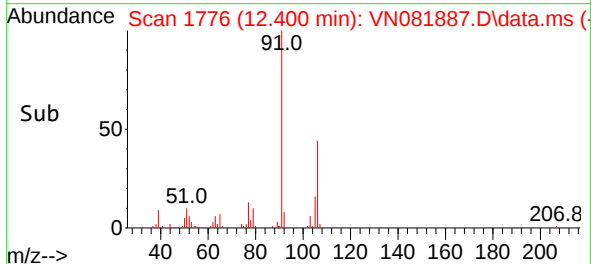
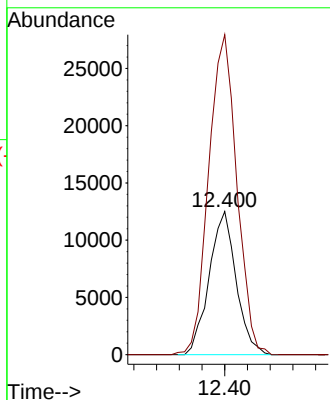
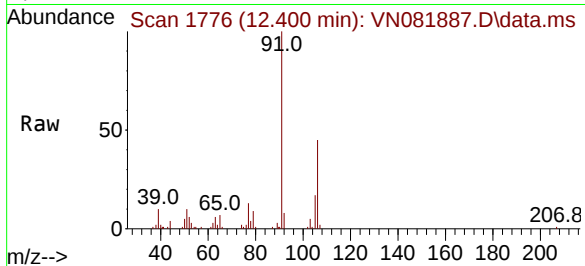




#69
o-Xylene
Concen: 3.648 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

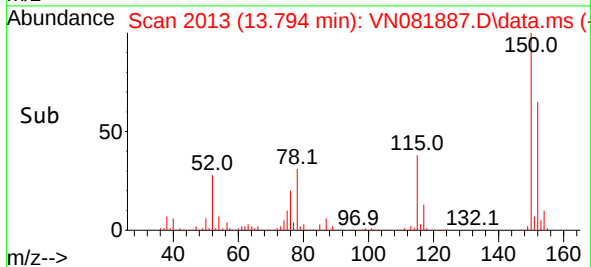
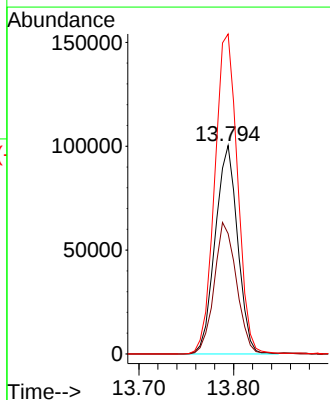
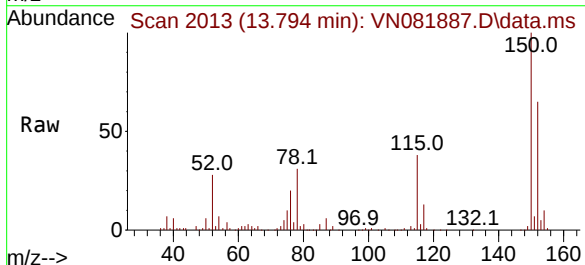
Instrument :
MSVOA_N
ClientSampleId :
60156

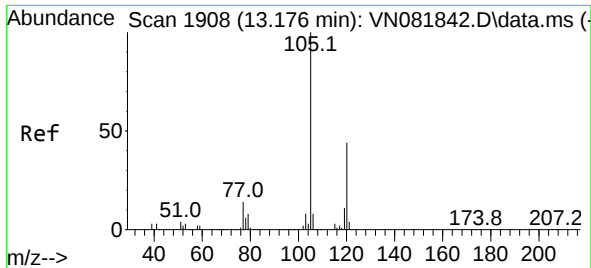
Tgt Ion:106 Resp: 20664
Ion Ratio Lower Upper
106 100
91 232.8 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081887.D
Acq: 26 Apr 2024 18:55

Tgt Ion:152 Resp: 164959
Ion Ratio Lower Upper
152 100
115 62.8 30.4 91.3
150 156.4 0.0 353.2





#80
 1,3,5-Trimethylbenzene
 Concen: 0.395 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081887.D
 Acq: 26 Apr 2024 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 60156

Tgt Ion:105 Resp: 4899
 Ion Ratio Lower Upper
 105 100
 120 57.5 24.8 74.3

