

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082374.D
 Acq On : 29 May 2024 16:40
 Operator : JC\MD
 Sample : P2609-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 426

Quant Time: May 30 05:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

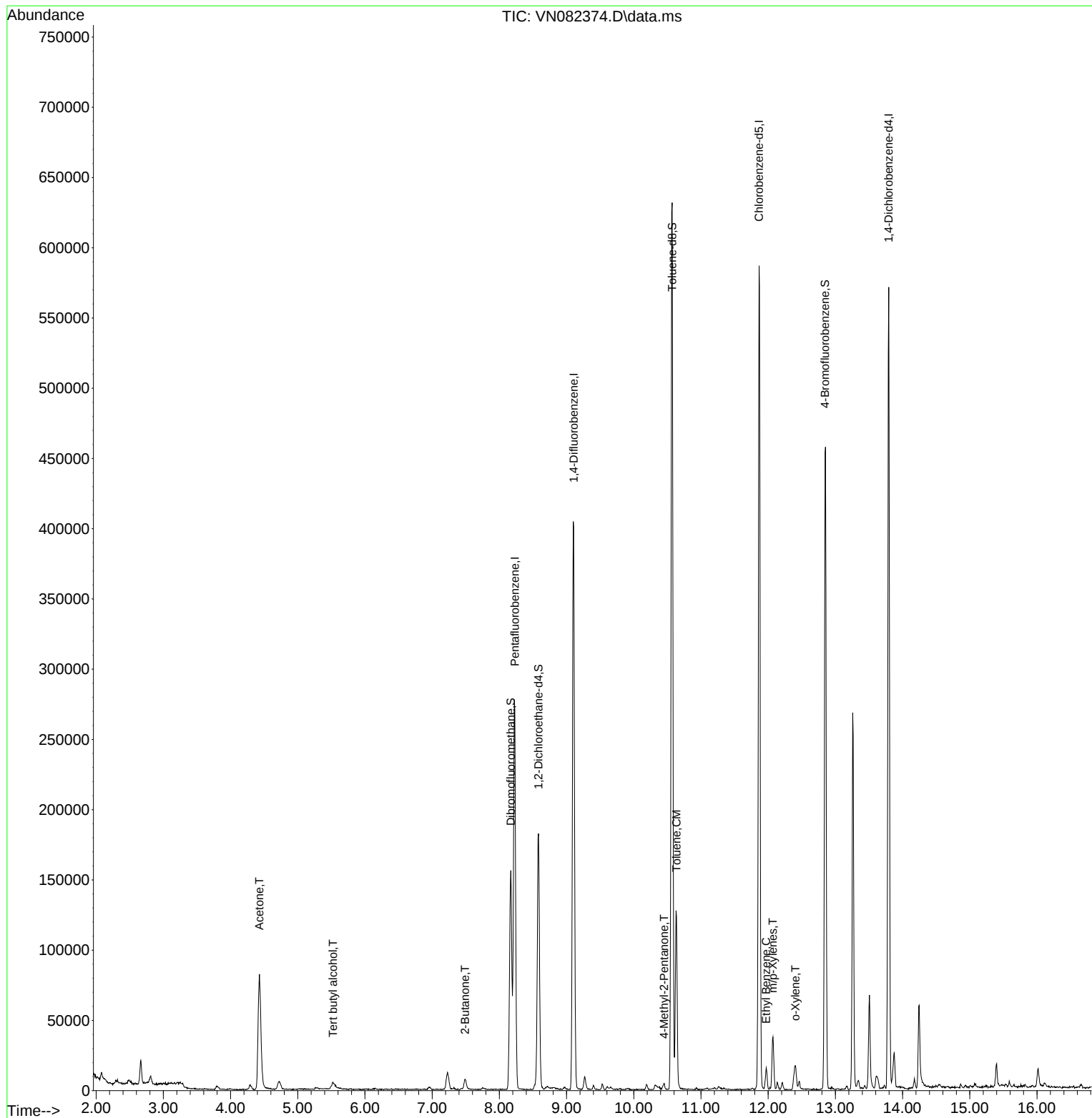
Internal Standards						
1) Pentafluorobenzene	8.229	168	190311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151345	50.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	8.171	113	106540	52.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	10.571	98	418430	53.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.847	95	149981	54.071	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	7413	15.368	ug/l #	80
16) Acetone	4.430	43	157229	127.546	ug/l	90
25) 2-Butanone	7.488	43	12550	6.715	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	3251	0.849	ug/l	89
52) Toluene	10.635	92	53271	8.756	ug/l	99
67) Ethyl Benzene	11.970	91	6041	0.492	ug/l	89
68) m/p-Xylenes	12.070	106	11186	2.488	ug/l	91
69) o-Xylene	12.406	106	3796	0.872	ug/l	91

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

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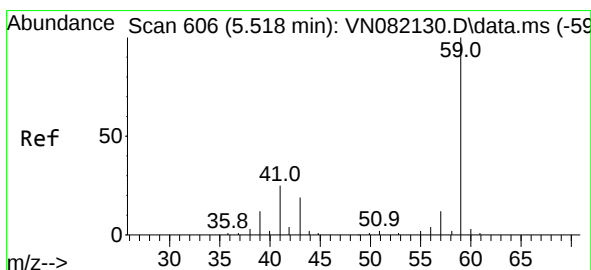
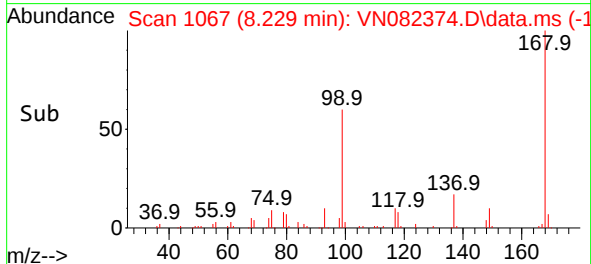
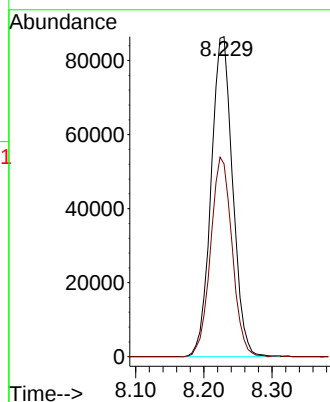
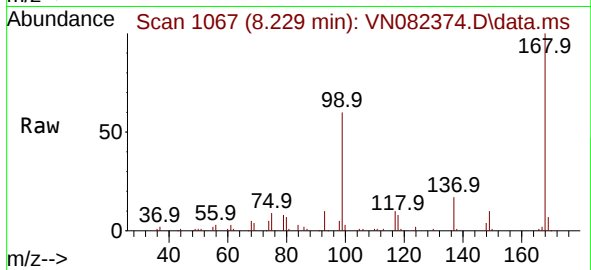




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

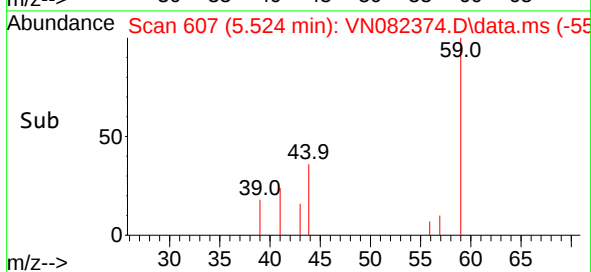
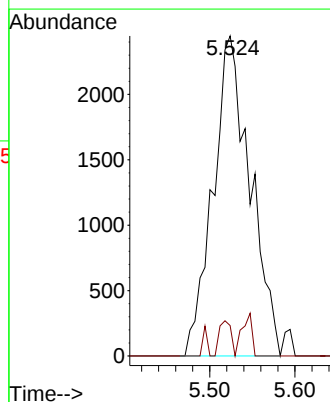
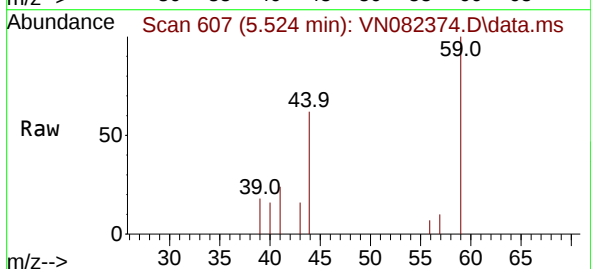
Instrument :
MSVOA_N
ClientSampleId :
426

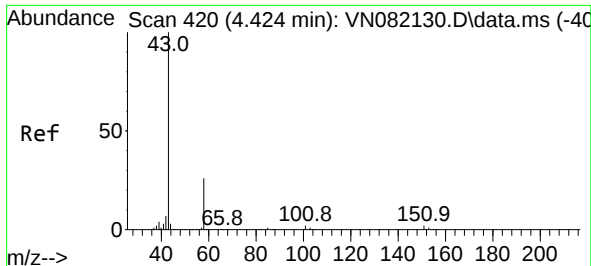
Tgt Ion:168 Resp: 190311
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 15.368 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion: 59 Resp: 7413
Ion Ratio Lower Upper
59 100
57 3.5 8.9 13.3#

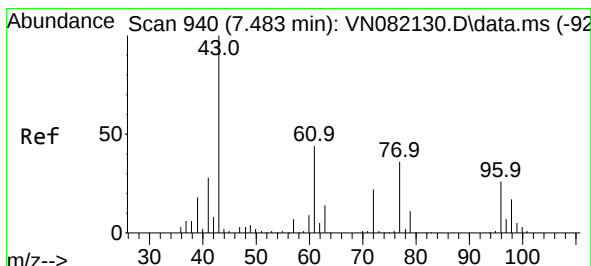
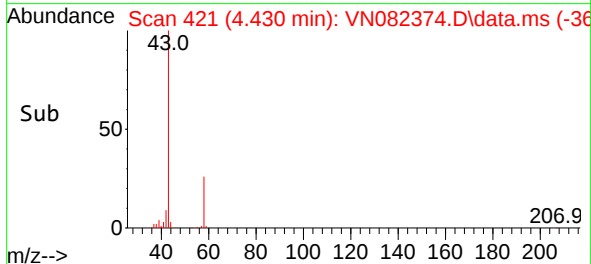
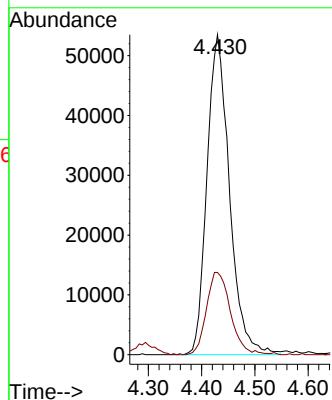
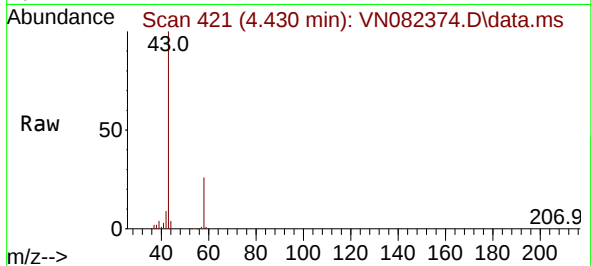




#16
Acetone
Concen: 127.546 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

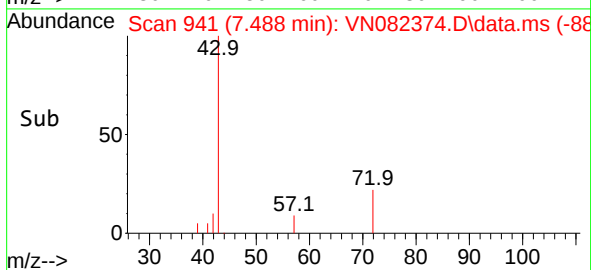
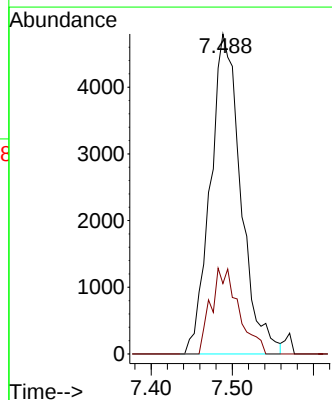
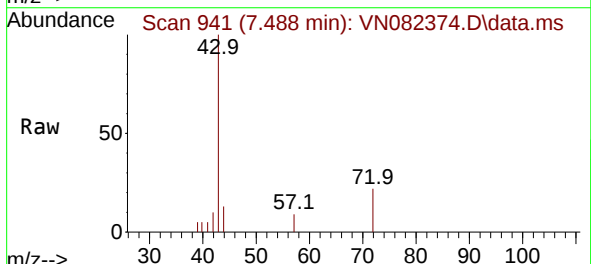
Instrument :
MSVOA_N
ClientSampleId :
426

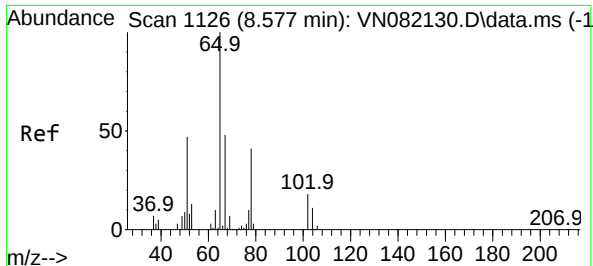
Tgt Ion: 43 Resp: 157229
Ion Ratio Lower Upper
43 100
58 25.7 25.2 37.8



#25
2-Butanone
Concen: 6.715 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion: 43 Resp: 12550
Ion Ratio Lower Upper
43 100
72 22.7 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 50.363 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082374.D

Acq: 29 May 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

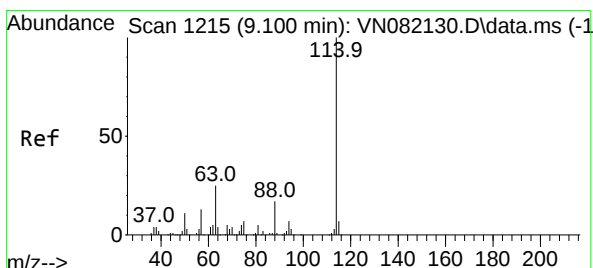
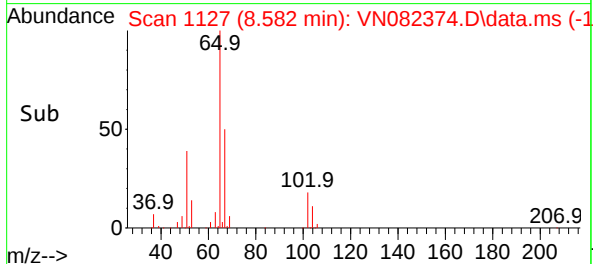
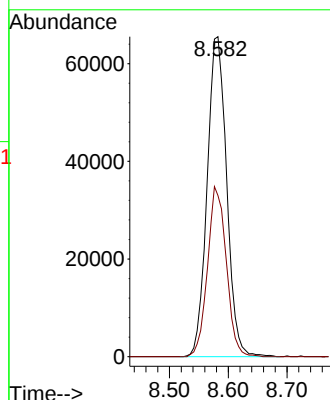
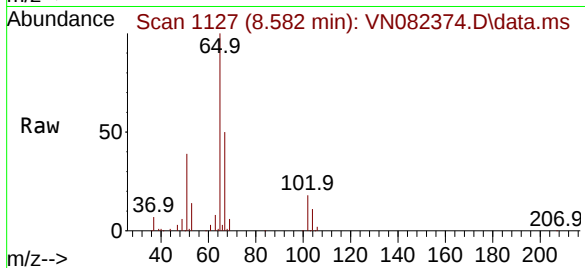
426

Tgt Ion: 65 Resp: 151345

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082374.D

Acq: 29 May 2024 16:40

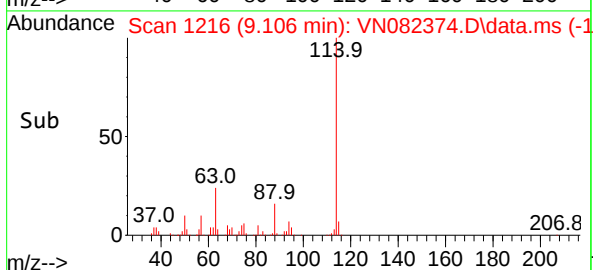
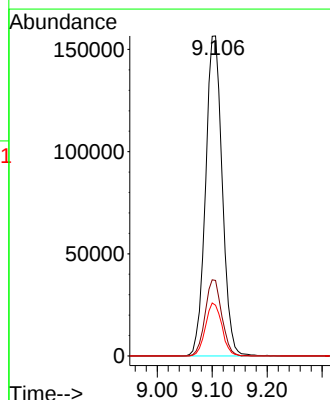
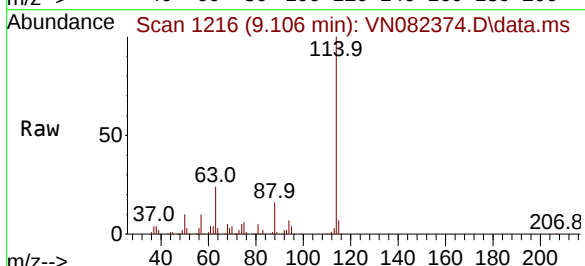
Tgt Ion: 114 Resp: 329512

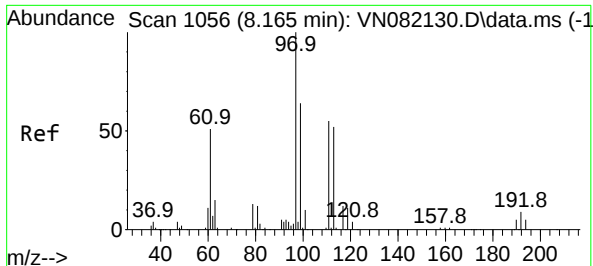
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.560 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082374.D

Acq: 29 May 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

426

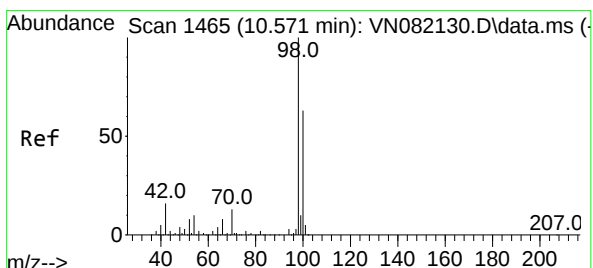
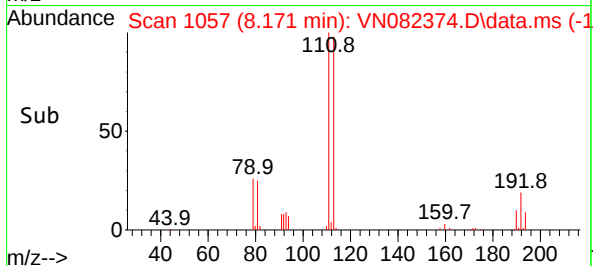
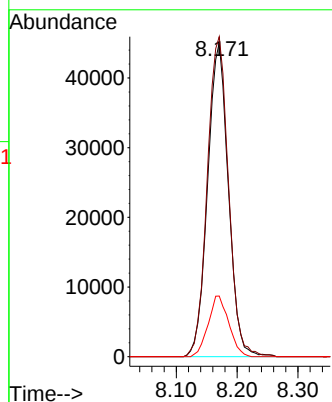
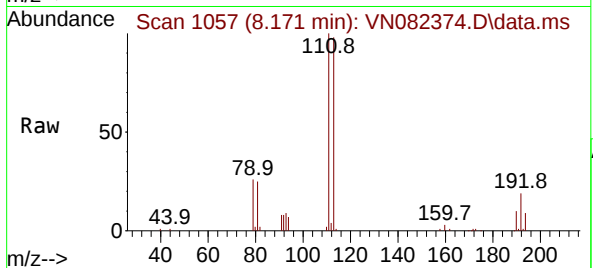
Tgt Ion:113 Resp: 106540

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 19.2 14.0 21.0



#50

Toluene-d8

Concen: 53.842 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082374.D

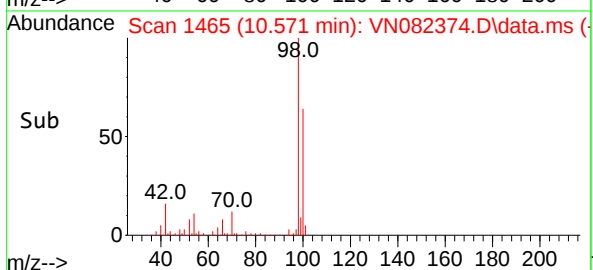
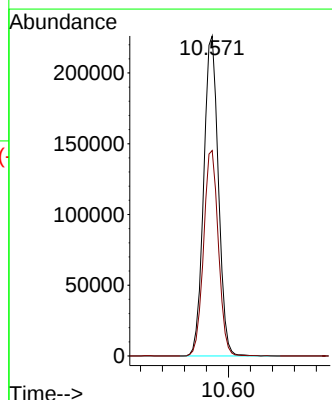
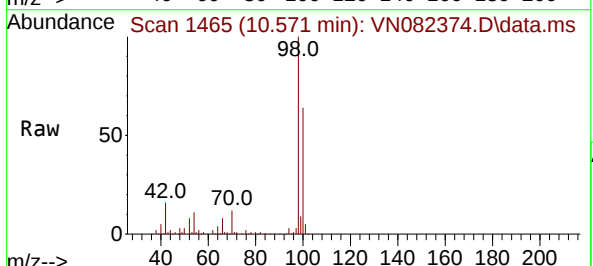
Acq: 29 May 2024 16:40

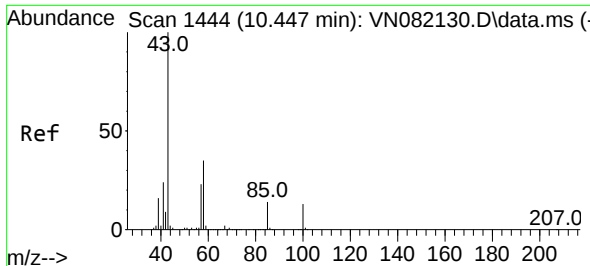
Tgt Ion: 98 Resp: 418430

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

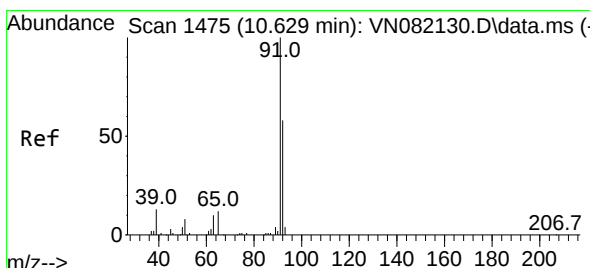
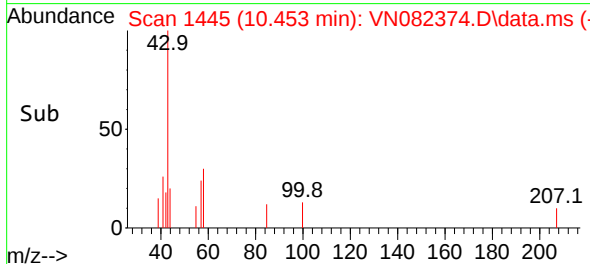
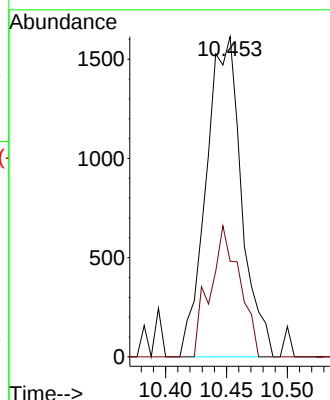
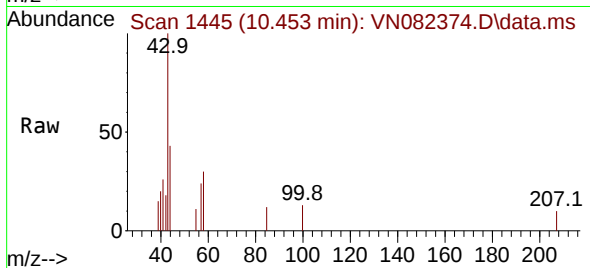




#51
4-Methyl-2-Pentanone
Concen: 0.849 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

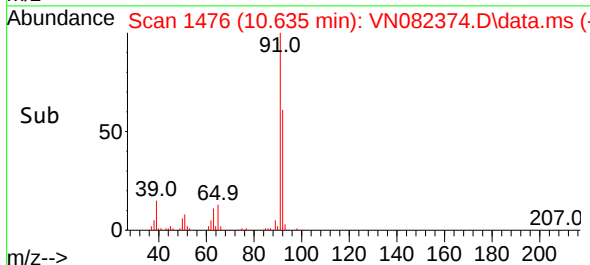
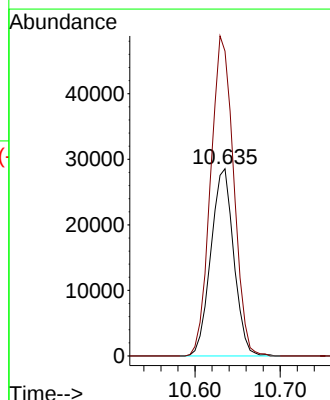
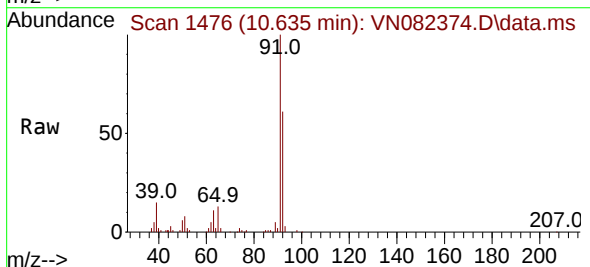
Instrument :
MSVOA_N
ClientSampleId :
426

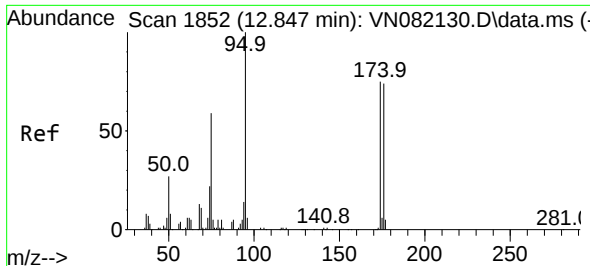
Tgt Ion: 43 Resp: 3251
Ion Ratio Lower Upper
43 100
58 34.3 33.2 49.8



#52
Toluene
Concen: 8.756 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion: 92 Resp: 53271
Ion Ratio Lower Upper
92 100
91 172.0 136.7 205.1

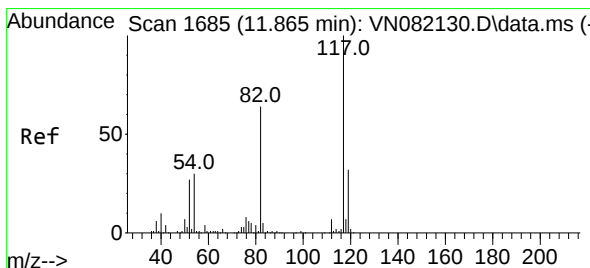
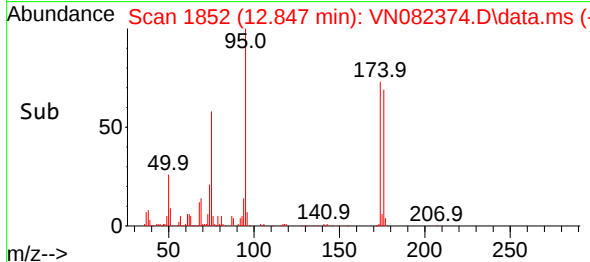
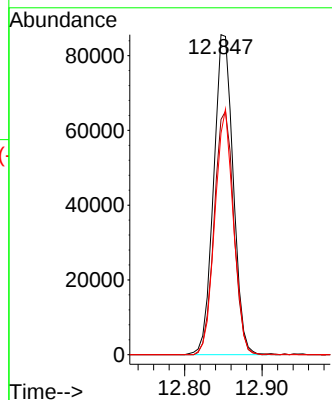
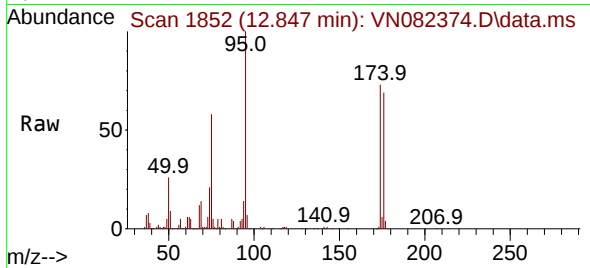




#62
4-Bromofluorobenzene
Concen: 54.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

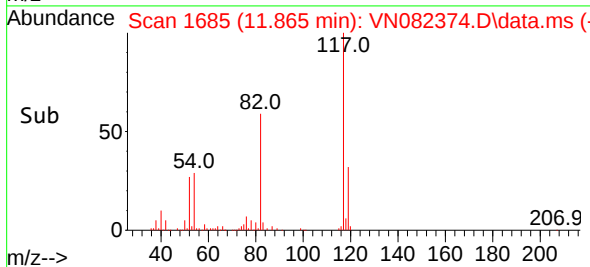
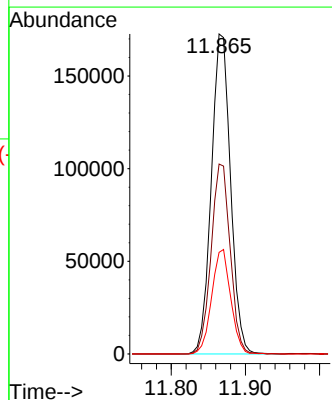
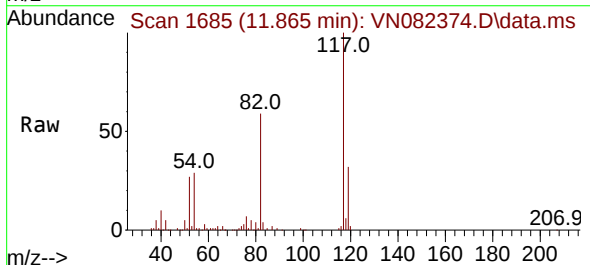
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MSVOA_N
ClientSampleId :
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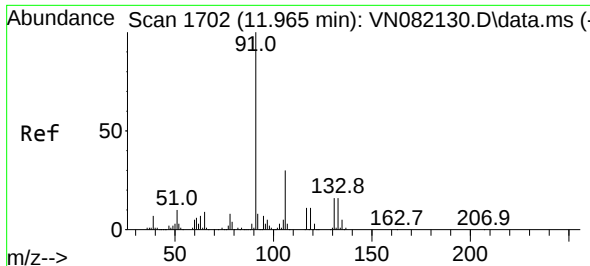
Tgt Ion: 95 Resp: 149981
Ion Ratio Lower Upper
95 100
174 75.9 0.0 160.6
176 73.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion: 117 Resp: 310430
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.8 25.9 38.9

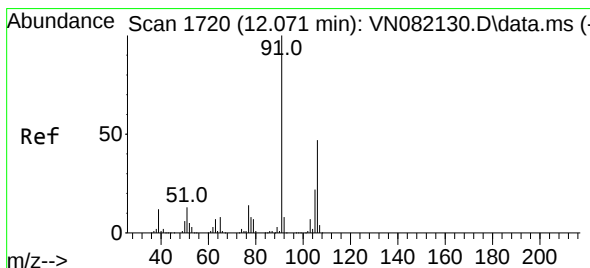
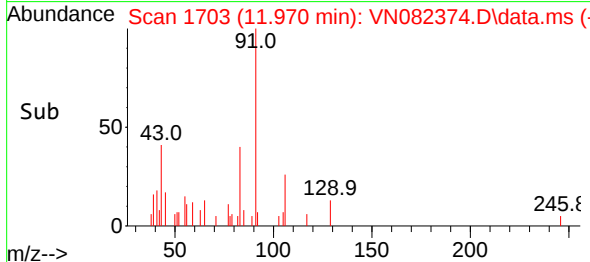
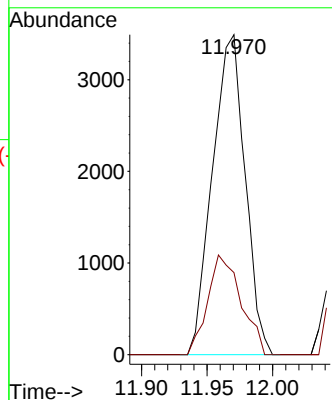
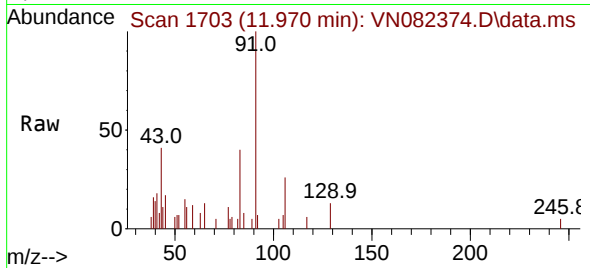




#67
Ethyl Benzene
Concen: 0.492 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

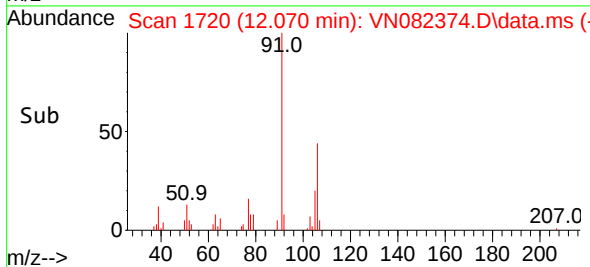
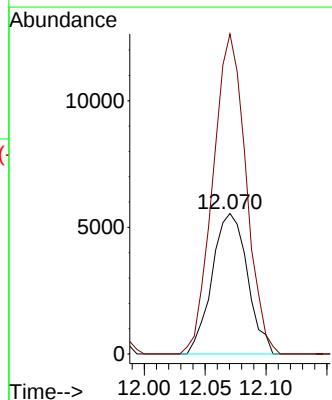
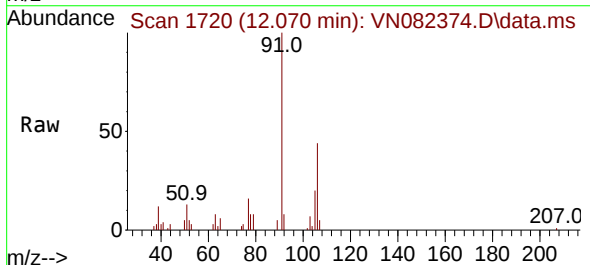
Instrument :
MSVOA_N
ClientSampleId :
426

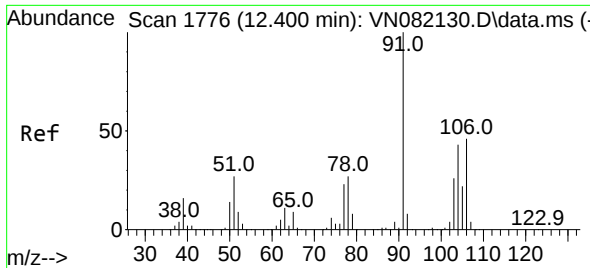
Tgt Ion: 91 Resp: 6041
Ion Ratio Lower Upper
91 100
106 25.7 25.3 37.9



#68
m/p-Xylenes
Concen: 2.488 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion:106 Resp: 11186
Ion Ratio Lower Upper
106 100
91 213.2 159.4 239.0

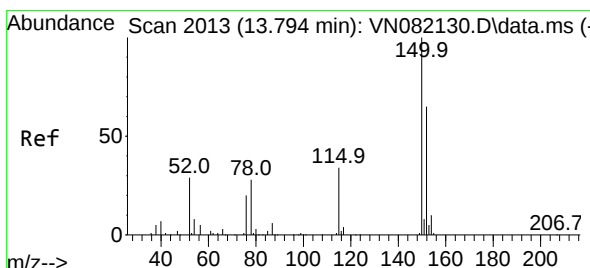
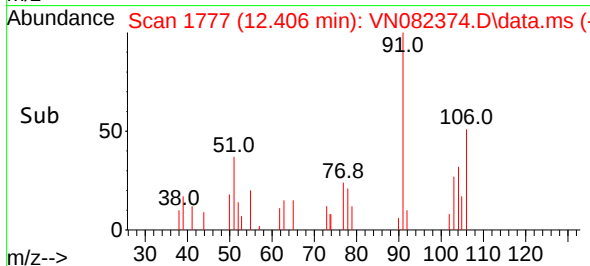
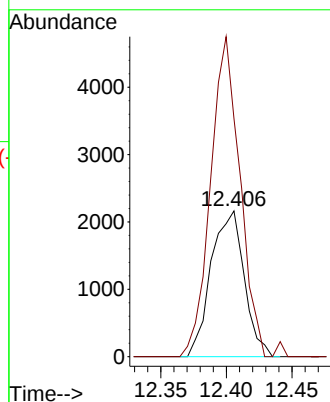
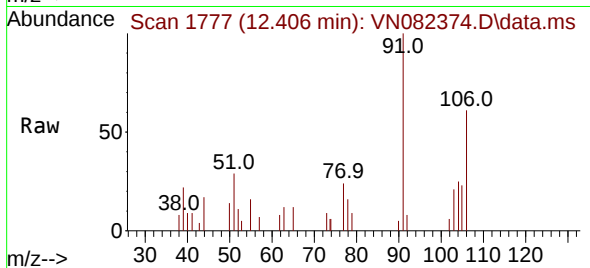




#69
o-Xylene
Concen: 0.872 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
426

Tgt Ion:106 Resp: 3796
Ion Ratio Lower Upper
106 100
91 194.7 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082374.D
Acq: 29 May 2024 16:40

Tgt Ion:152 Resp: 139537
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 157.2 0.0 353.2

