

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082430.D
 Acq On : 03 Jun 2024 13:25
 Operator : JC\MD
 Sample : P2657-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AB-VOC DL

Quant Time: Jun 04 00:27:25 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	8.224	168	161031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137403	54.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.080%
35) Dibromofluoromethane	8.165	113	99509	54.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.160%
50) Toluene-d8	10.571	98	386463	55.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.853	95	137608	55.152	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.300%

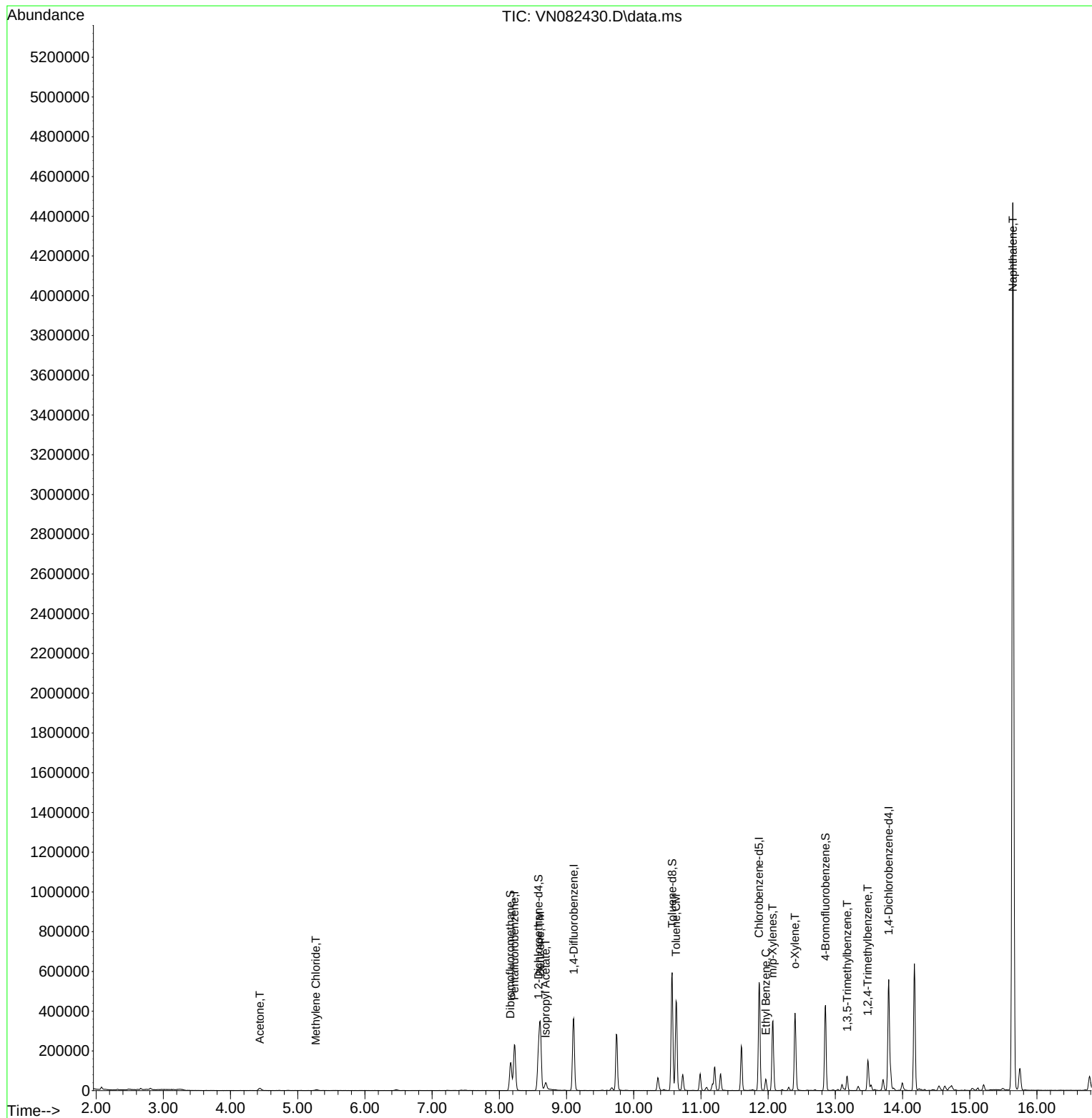
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.436	43	23345	22.381	ug/l	99
20) Methylene Chloride	5.271	84	3296	1.566	ug/l #	81
40) Benzene	8.606	78	302998	33.227	ug/l	97
43) Isopropyl Acetate	8.688	43	60575	9.989	ug/l #	70
52) Toluene	10.630	92	190732	34.854	ug/l	100
67) Ethyl Benzene	11.965	91	37111	3.233	ug/l	90
68) m/p-Xylenes	12.065	106	102642	24.395	ug/l	94
69) o-Xylene	12.400	106	93680	22.985	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	37525	4.304	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	86573	9.705	ug/l	94
95) Naphthalene	15.641	128	3849400	497.270	ug/l	99

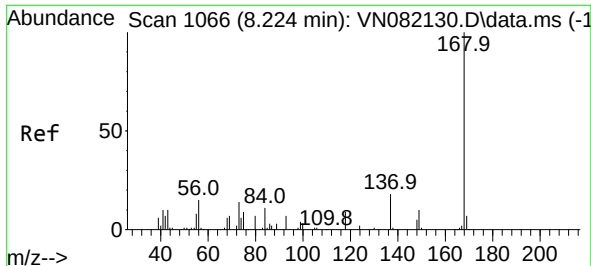
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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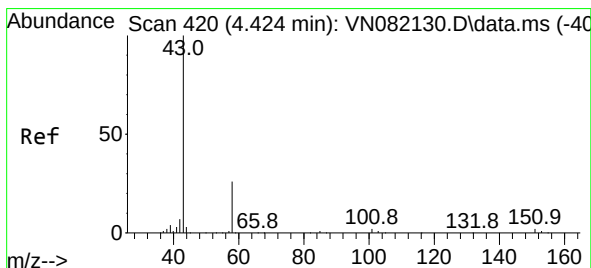
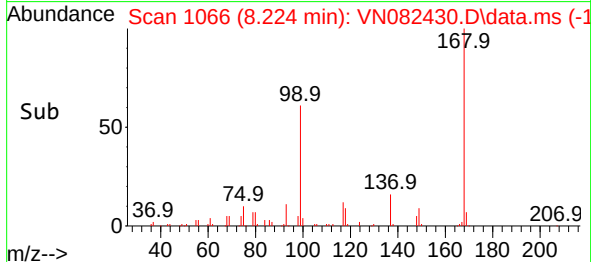
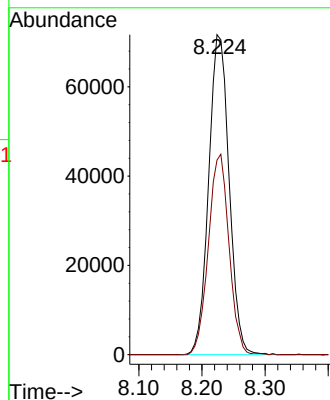
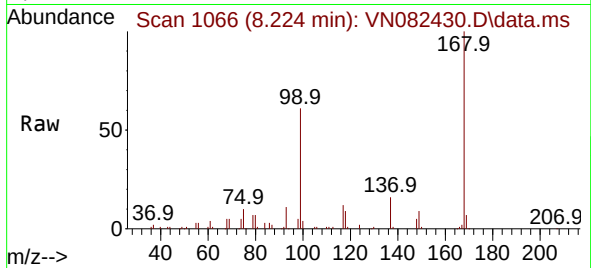




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

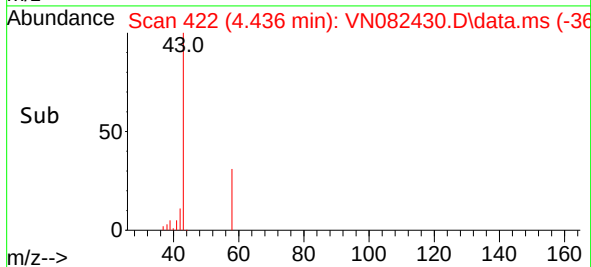
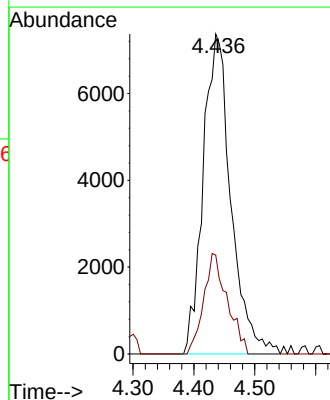
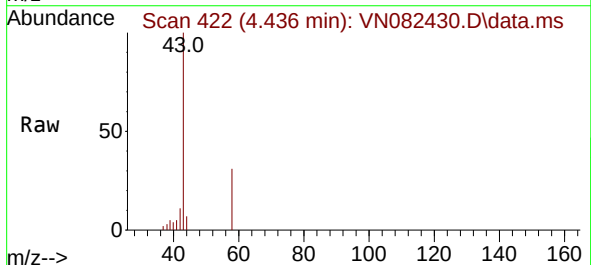
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC DL

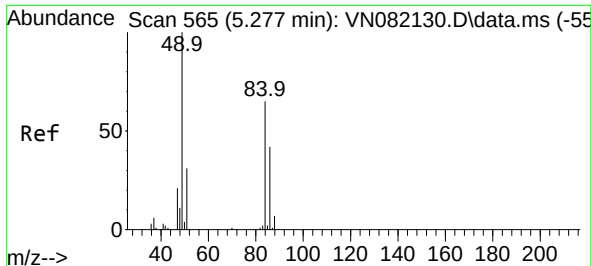
Tgt Ion:168 Resp: 161031
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#16
Acetone
Concen: 22.381 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 43 Resp: 23345
Ion Ratio Lower Upper
43 100
58 30.9 25.2 37.8

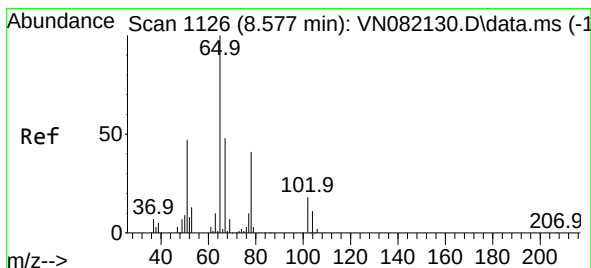
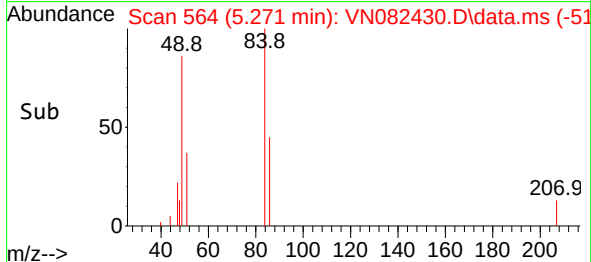
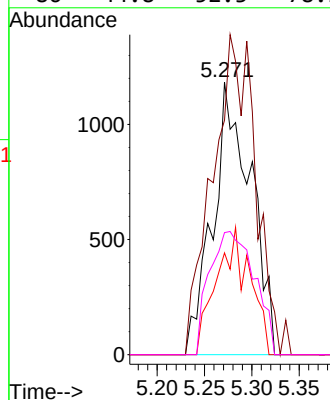
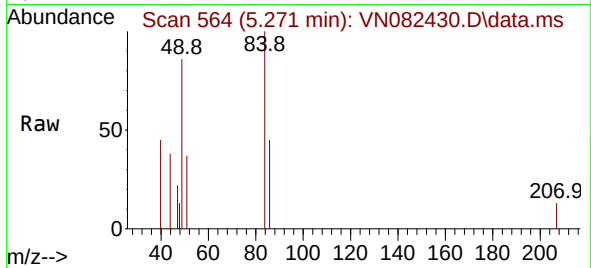




#20
Methylene Chloride
Concen: 1.566 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

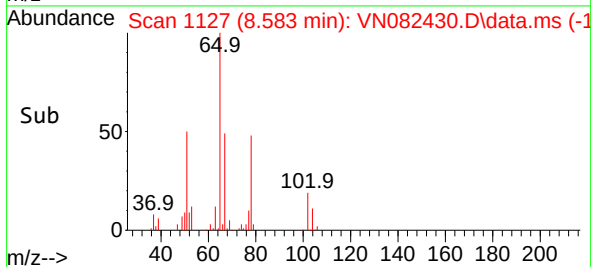
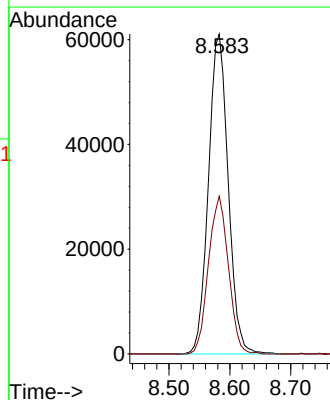
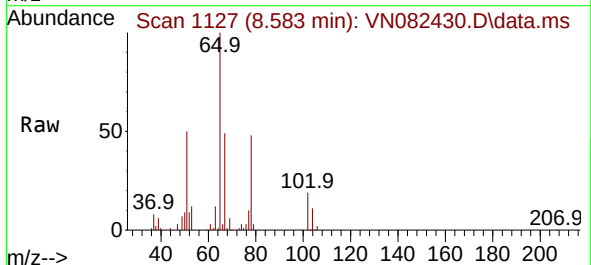
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOCDL

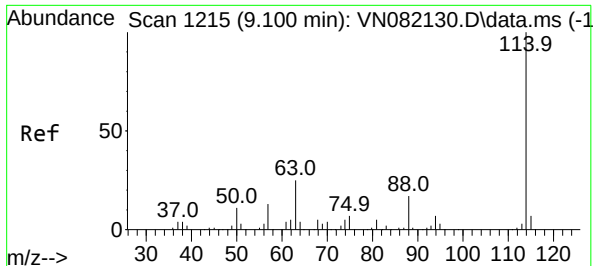
Tgt Ion: 84	Resp:	3296	
Ion	Ratio	Lower	Upper
84	100		
49	86.0	84.9	127.3
51	37.3	27.0	40.6
86	44.8	52.3	78.5#



#33
1,2-Dichloroethane-d4
Concen: 54.038 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 65	Resp: 137403
Ion Ratio	Lower Upper
65 100	
67 49.9	0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN082430.D

Acq: 03 Jun 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

2-AB-VOCDL

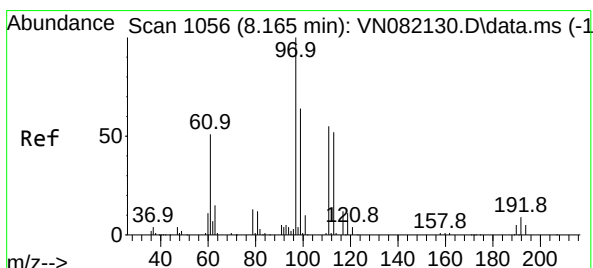
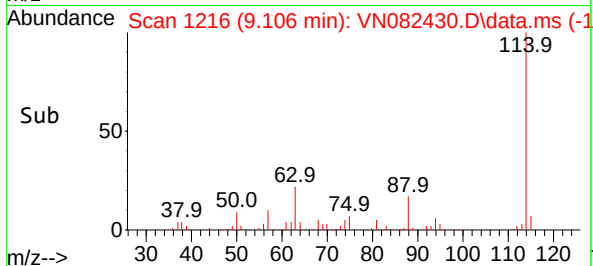
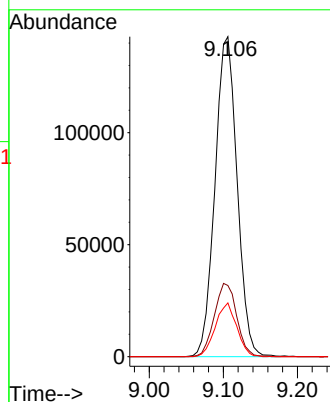
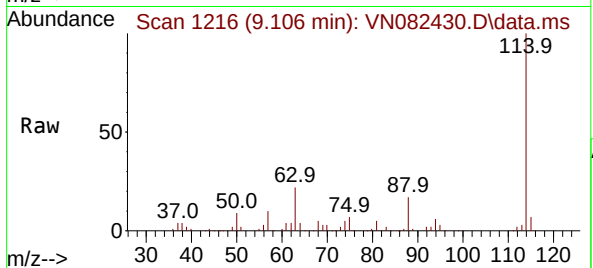
Tgt Ion:114 Resp: 296401

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.576 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082430.D

Acq: 03 Jun 2024 13:25

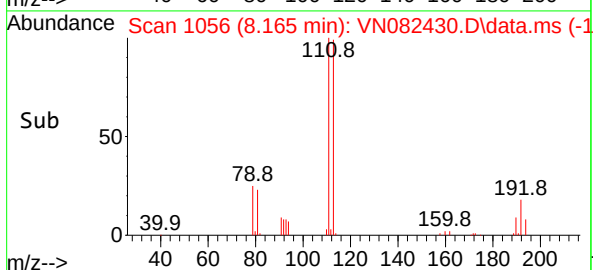
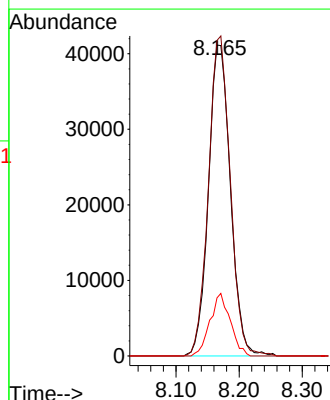
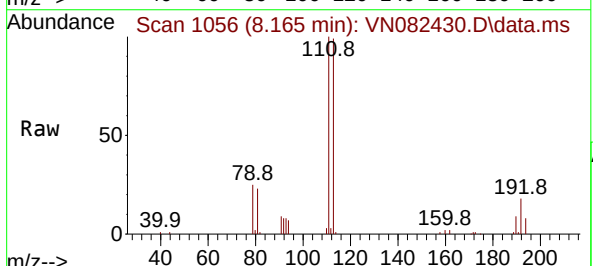
Tgt Ion:113 Resp: 99509

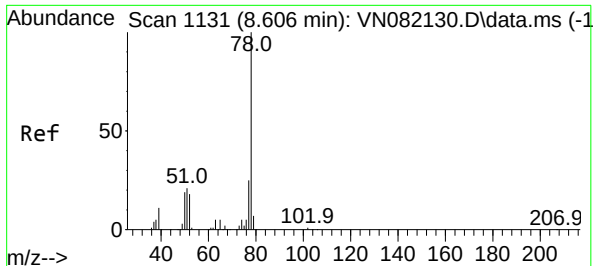
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 18.6 14.0 21.0

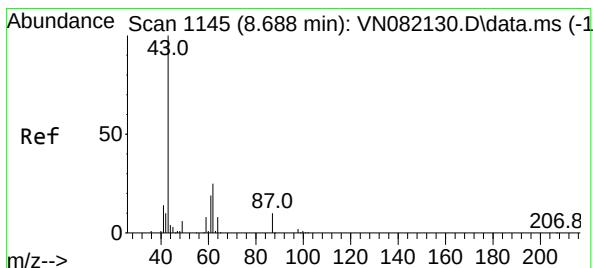
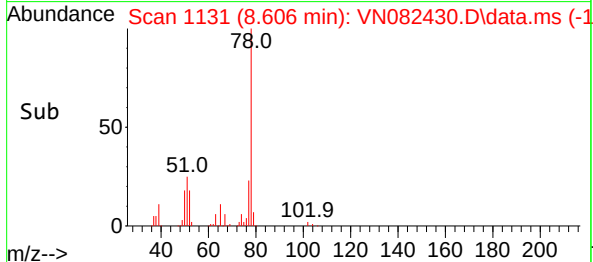
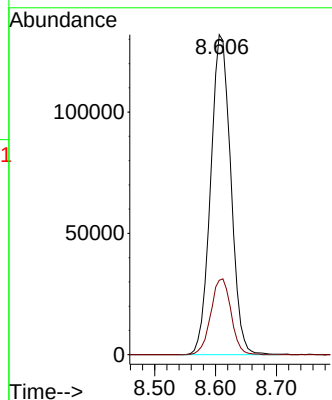
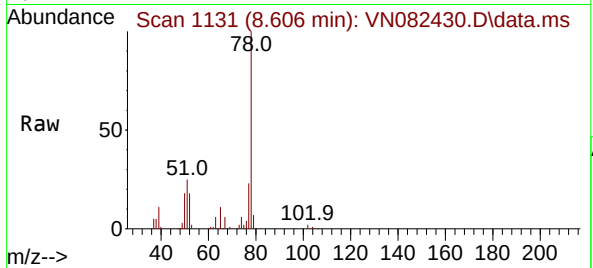




#40
Benzene
Concen: 33.227 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

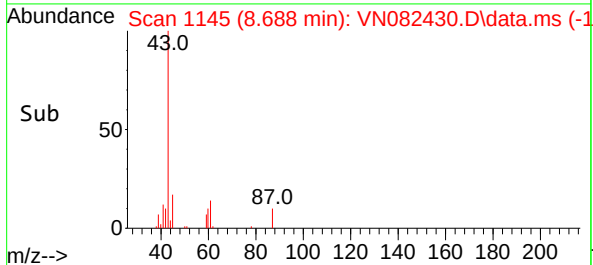
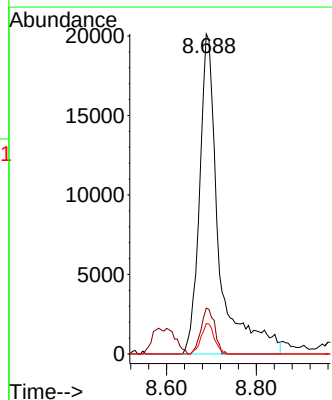
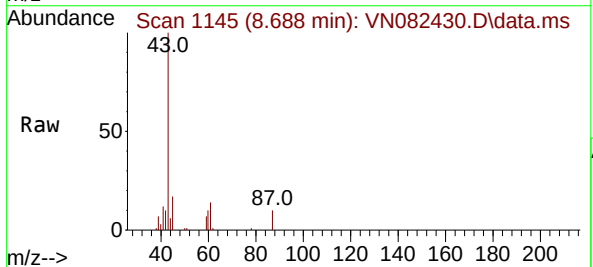
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOCDL

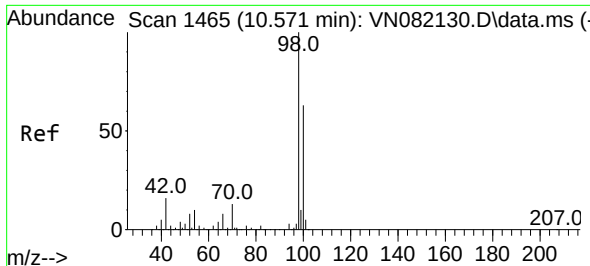
Tgt Ion: 78 Resp: 302998
Ion Ratio Lower Upper
78 100
77 23.3 20.0 30.0



#43
Isopropyl Acetate
Concen: 9.989 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 43 Resp: 60575
Ion Ratio Lower Upper
43 100
61 10.0 22.8 34.2#
87 6.5 12.0 18.0#

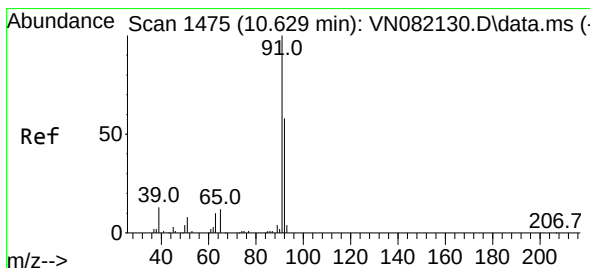
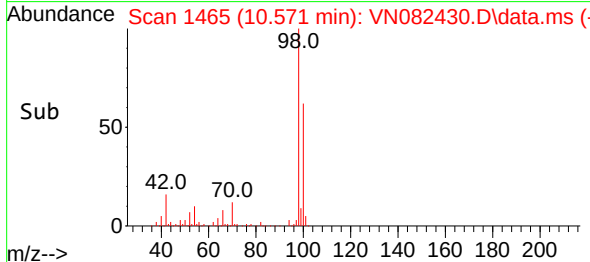
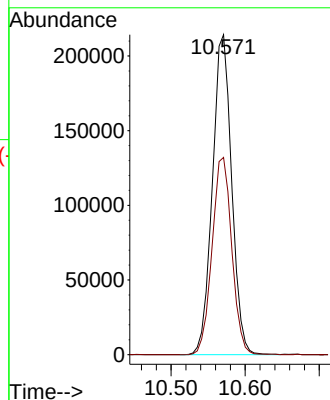
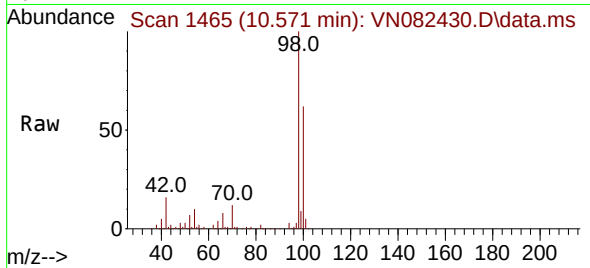




#50
Toluene-d8
Concen: 55.284 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

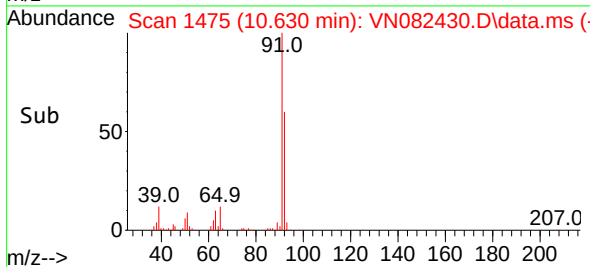
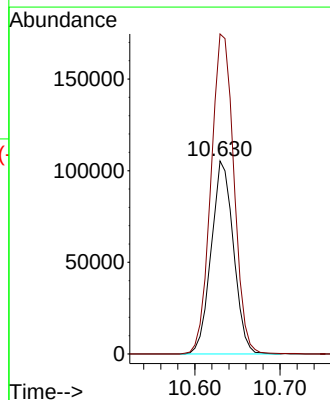
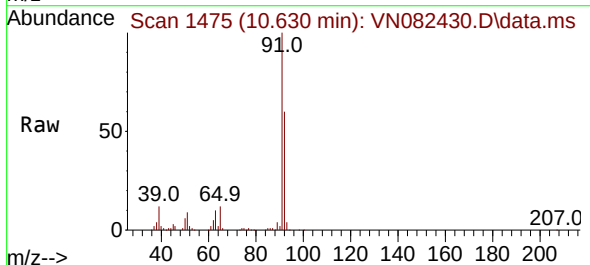
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC DL

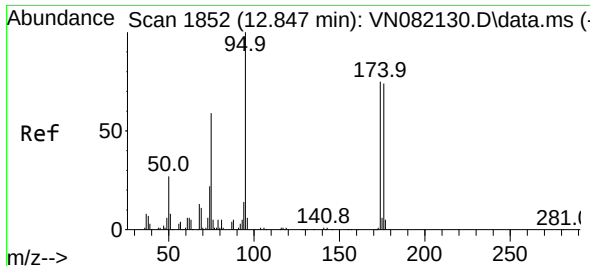
Tgt Ion: 98 Resp: 386463
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6



#52
Toluene
Concen: 34.854 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 92 Resp: 190732
Ion Ratio Lower Upper
92 100
91 171.2 136.7 205.1

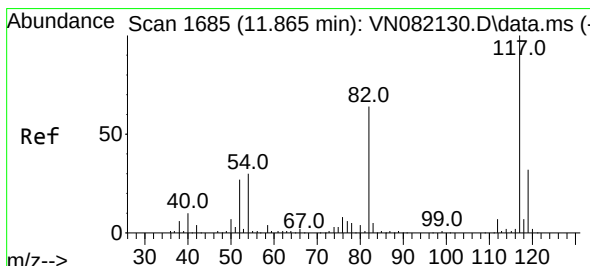
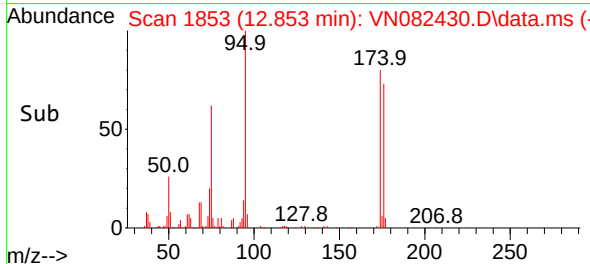
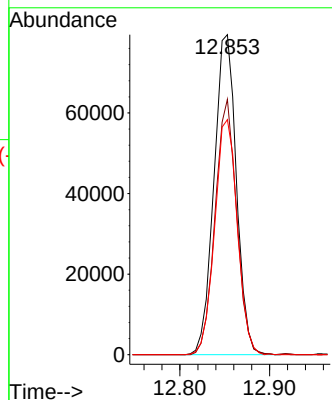
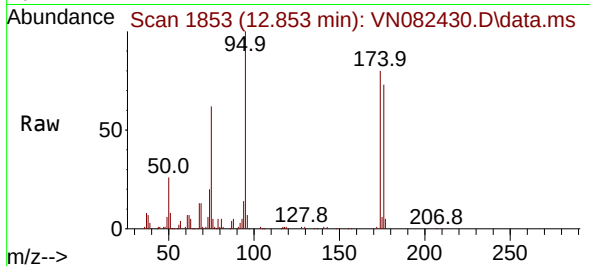




#62
4-Bromofluorobenzene
Concen: 55.152 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

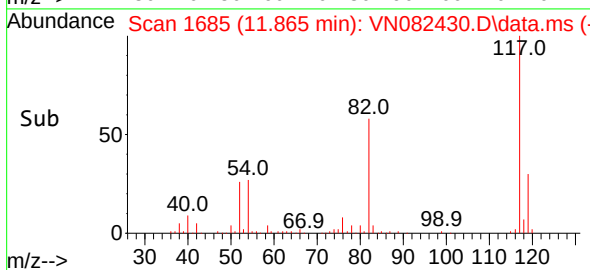
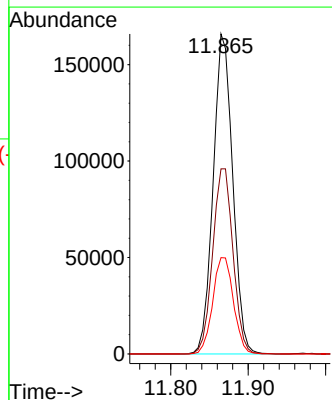
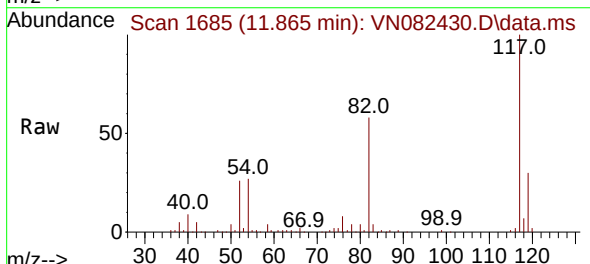
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MSVOA_N
ClientSampleId :
2-AB-VOCDL

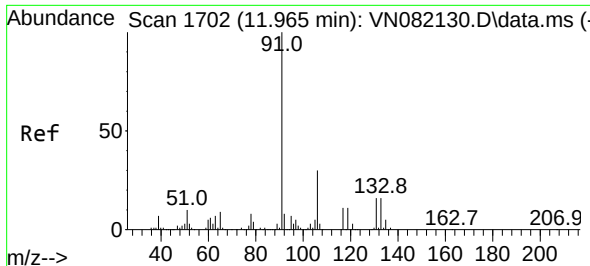
Tgt Ion: 95 Resp: 137608
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 74.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 117 Resp: 290500
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 30.1 25.9 38.9

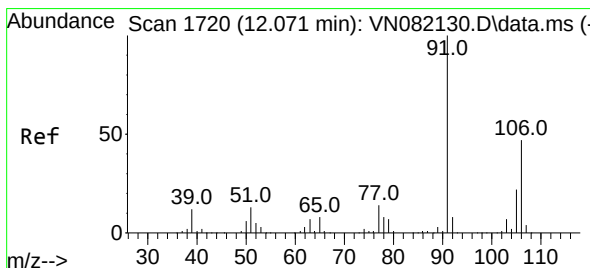
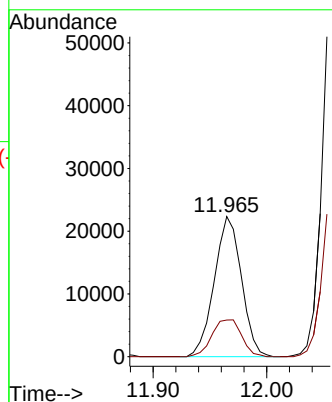
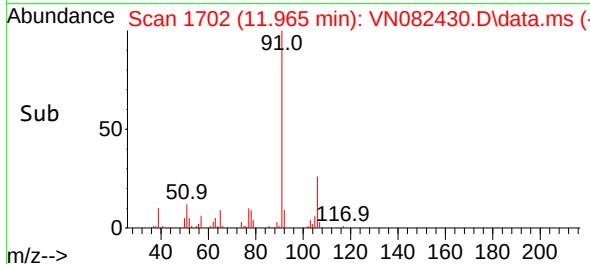
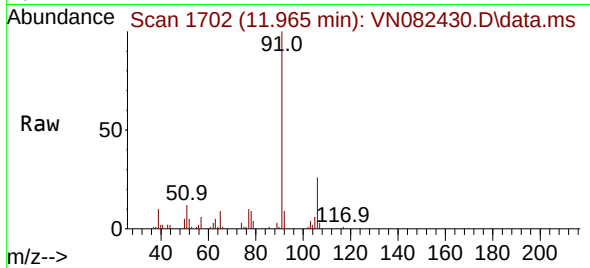




#67
Ethyl Benzene
Concen: 3.233 ug/l
RT: 11.965 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

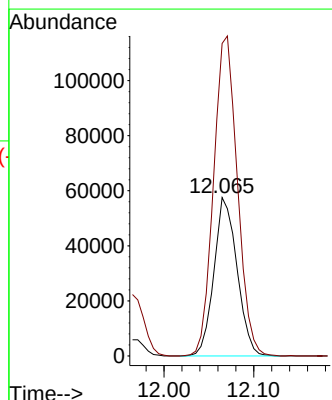
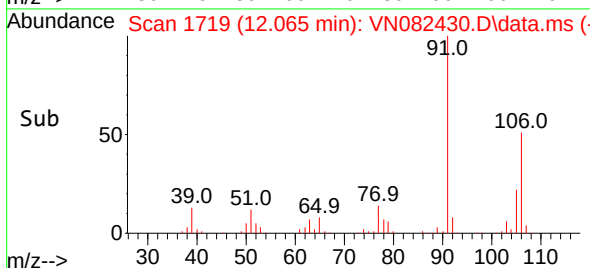
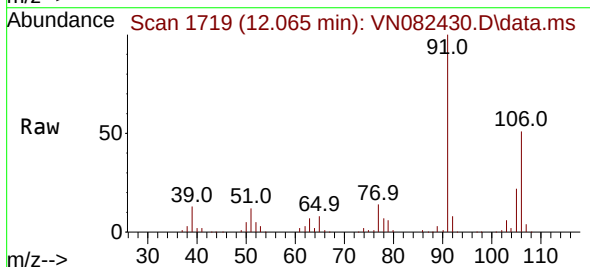
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC DL

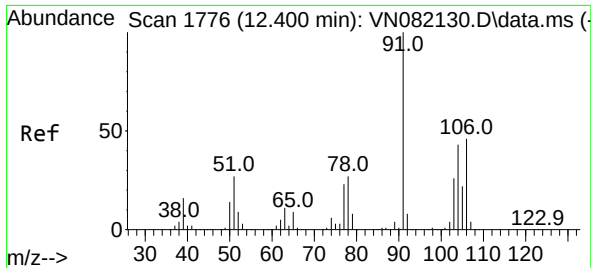
Tgt Ion: 91 Resp: 37111
Ion Ratio Lower Upper
91 100
106 26.2 25.3 37.9



#68
m/p-Xylenes
Concen: 24.395 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion: 106 Resp: 102642
Ion Ratio Lower Upper
106 100
91 208.6 159.4 239.0

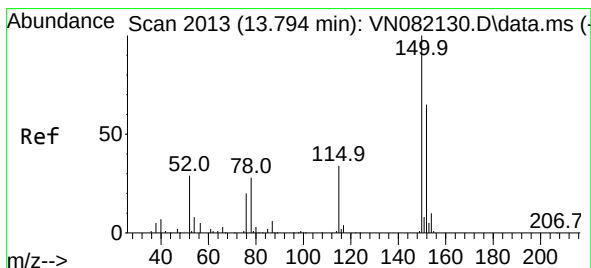
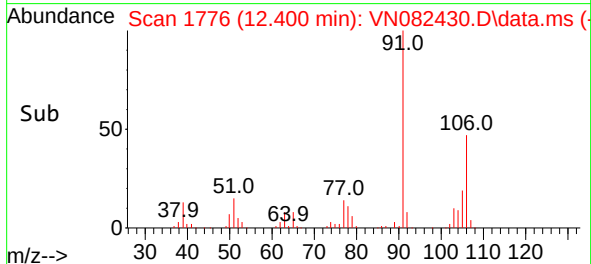
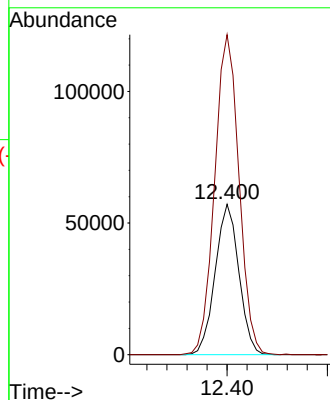
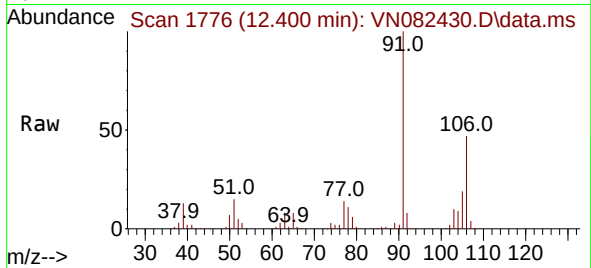




#69
o-Xylene
Concen: 22.985 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

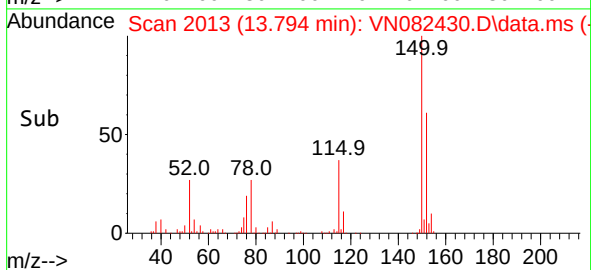
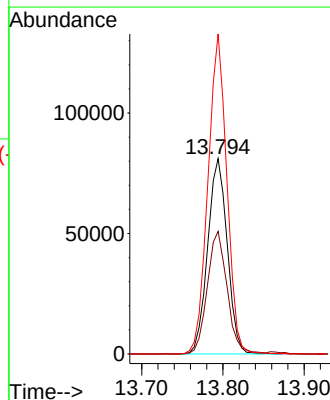
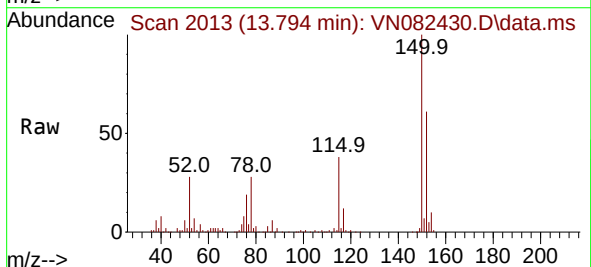
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC DL

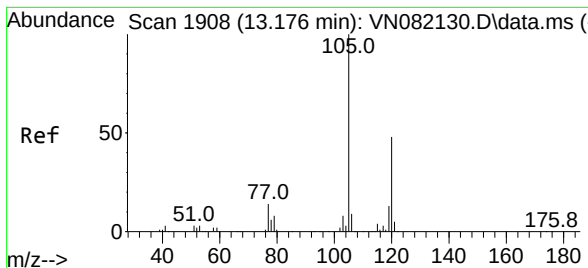
Tgt Ion:106 Resp: 93680
Ion Ratio Lower Upper
106 100
91 218.5 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082430.D
Acq: 03 Jun 2024 13:25

Tgt Ion:152 Resp: 135728
Ion Ratio Lower Upper
152 100
115 63.6 30.4 91.3
150 158.1 0.0 353.2





#80

1,3,5-Trimethylbenzene

Concen: 4.304 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082430.D

Acq: 03 Jun 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

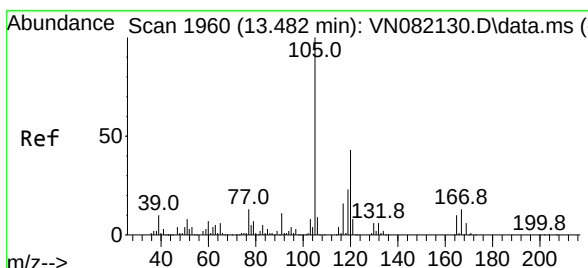
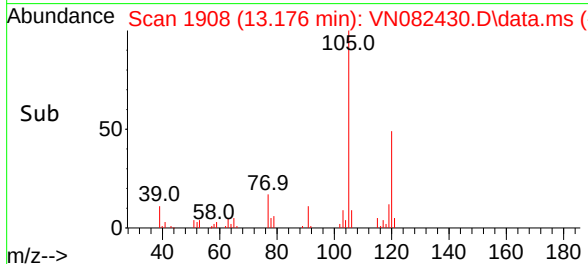
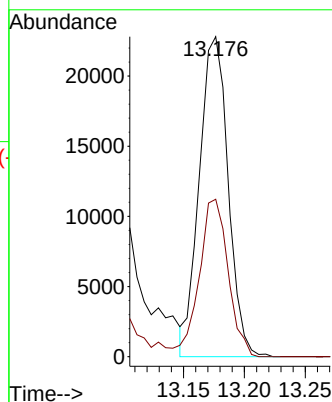
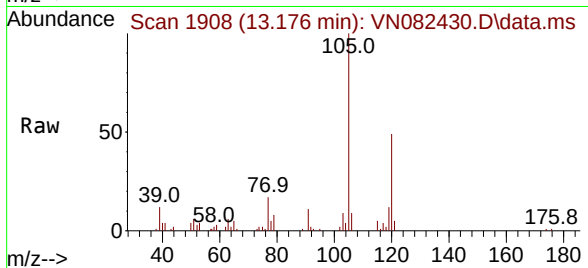
2-AB-VOCDL

Tgt Ion:105 Resp: 37525

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 9.705 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082430.D

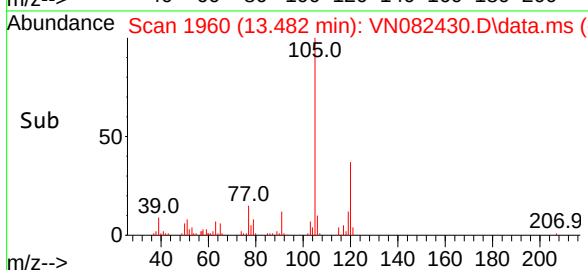
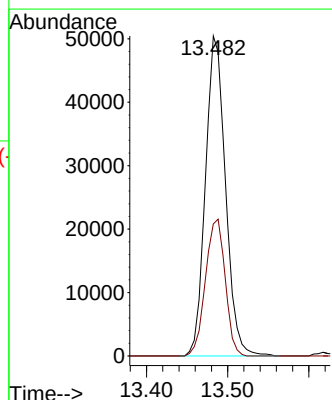
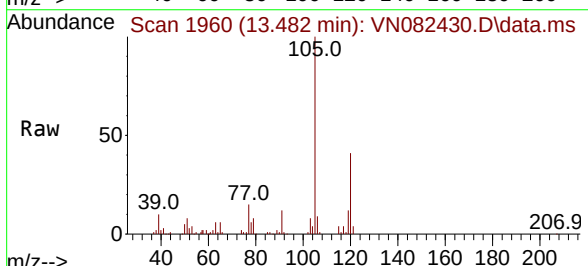
Acq: 03 Jun 2024 13:25

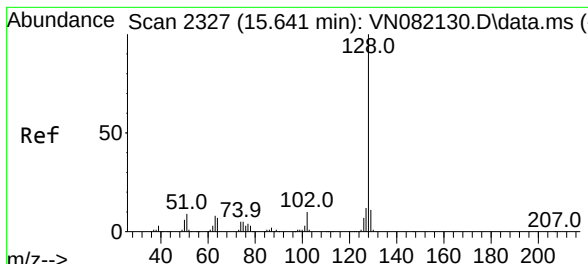
Tgt Ion:105 Resp: 86573

Ion Ratio Lower Upper

105 100

120 41.9 22.9 68.7





#95
 Naphthalene
 Concen: 497.270 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082430.D
 Acq: 03 Jun 2024 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AB-VOC DL

Tgt Ion:128 Resp: 3849400

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.9	13.3

