

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082727.D
 Acq On : 25 Jun 2024 19:02
 Operator : JC\MD
 Sample : P3045-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6AB

Quant Time: Jun 26 01:27:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

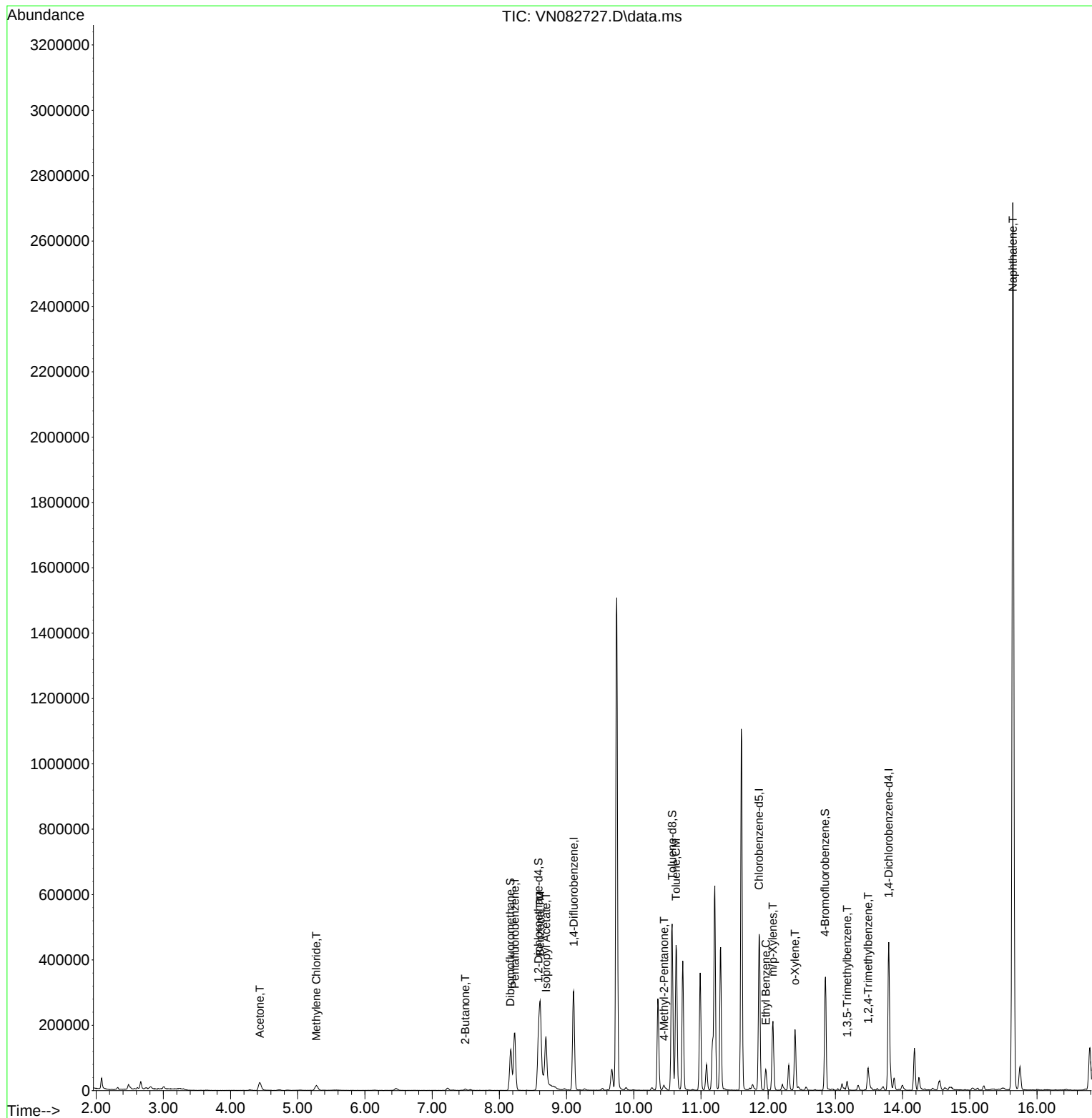
Internal Standards						
1) Pentafluorobenzene	8.230	168	122083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116848	59.684	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.360%	
35) Dibromofluoromethane	8.165	113	87636	53.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	10.571	98	331213	53.753	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.847	95	109321	51.461	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	47593	53.453	ug/l	96
20) Methylene Chloride	5.277	84	10911	6.970	ug/l #	77
25) 2-Butanone	7.494	43	7659	6.052	ug/l	96
40) Benzene	8.606	78	232638	30.910	ug/l	100
43) Isopropyl Acetate	8.694	43	223123	38.480	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	15307	5.147	ug/l #	79
52) Toluene	10.629	92	184385	40.426	ug/l	99
67) Ethyl Benzene	11.965	91	34186	3.404	ug/l	99
68) m/p-Xylenes	12.071	106	61968	16.585	ug/l	96
69) o-Xylene	12.400	106	44264	12.610	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	13369	1.933	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	38113	5.494	ug/l	89
95) Naphthalene	15.641	128	2352598	373.441	ug/l	100

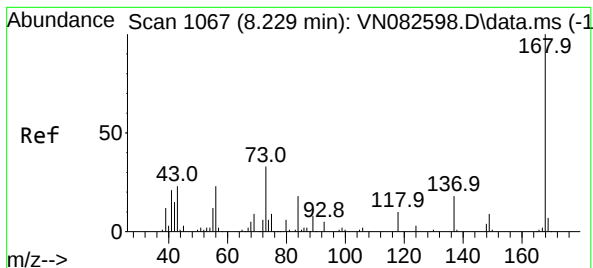
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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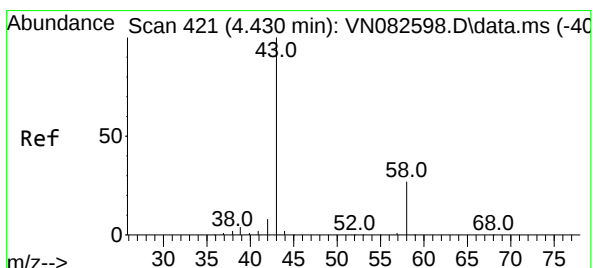
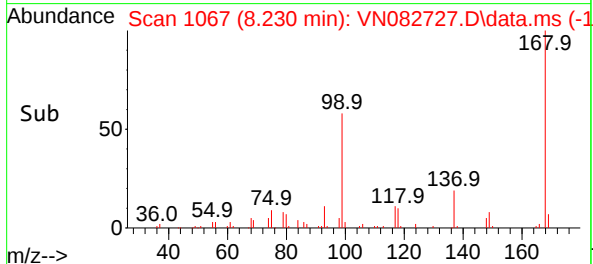
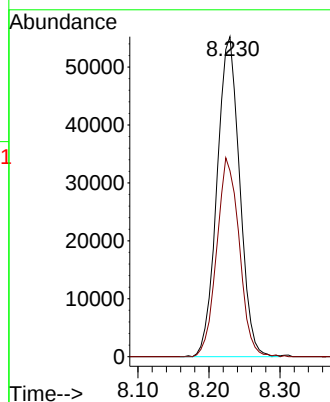
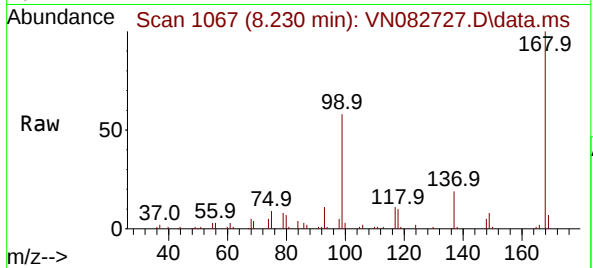




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

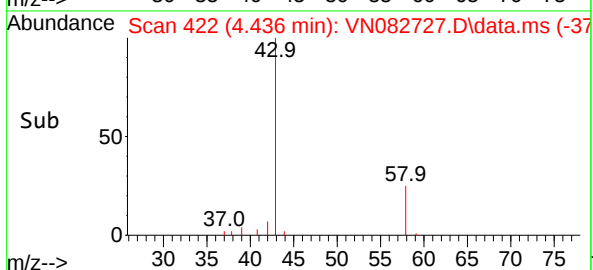
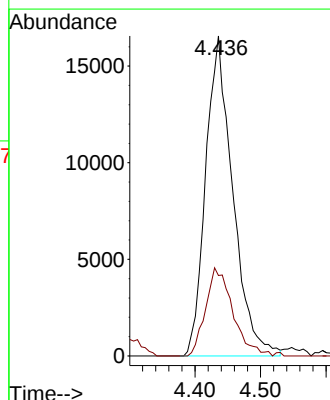
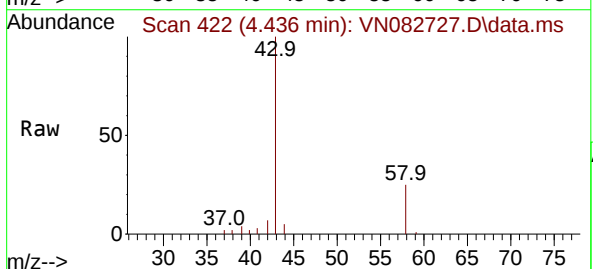
Instrument :
MSVOA_N
ClientSampleId :
6AB

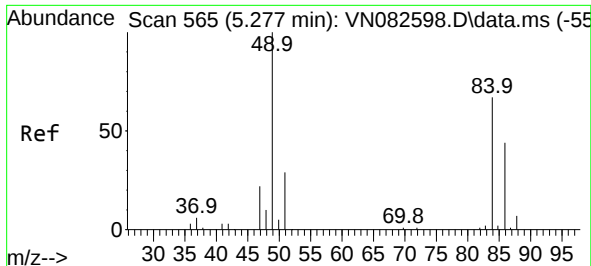
Tgt Ion:168 Resp: 122083
Ion Ratio Lower Upper
168 100
99 58.1 48.2 72.4



#16
Acetone
Concen: 53.453 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion: 43 Resp: 47593
Ion Ratio Lower Upper
43 100
58 25.2 21.8 32.6

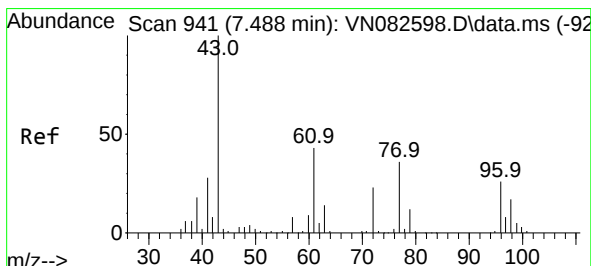
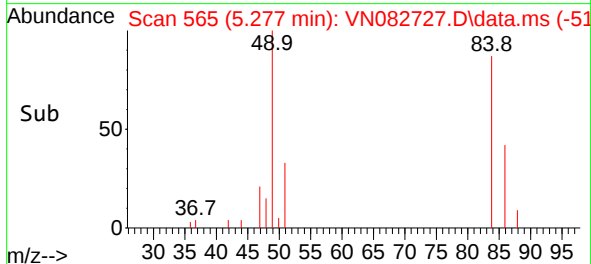
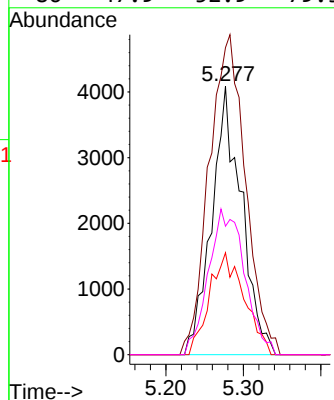
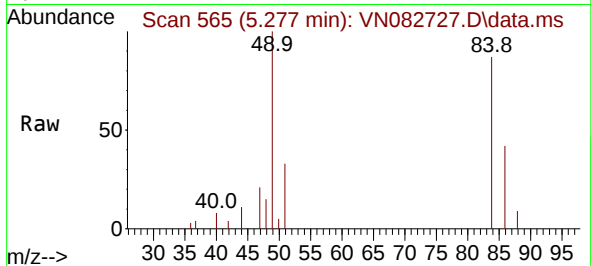




#20
Methylene Chloride
Concen: 6.970 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

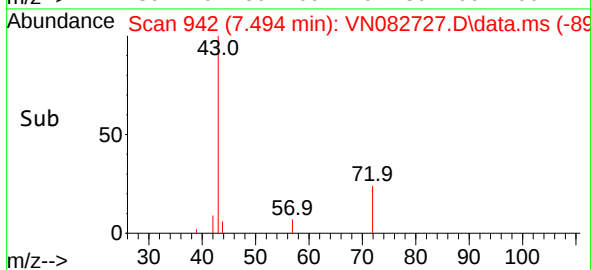
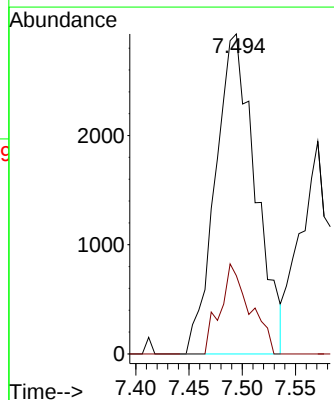
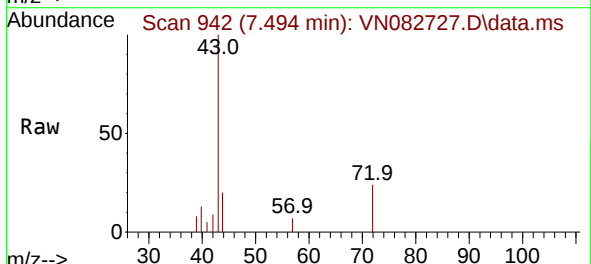
Instrument :
MSVOA_N
ClientSampleId :
6AB

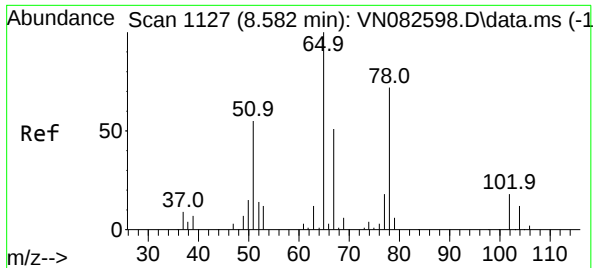
Tgt Ion:	84	Resp:	10911
Ion	Ratio	Lower	Upper
84	100		
49	114.4	119.6	179.4#
51	37.9	34.8	52.2
86	47.9	52.9	79.3#



#25
2-Butanone
Concen: 6.052 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion:	43	Resp:	7659
Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 59.684 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082727.D

Acq: 25 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

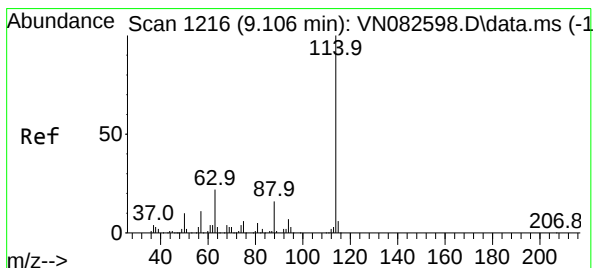
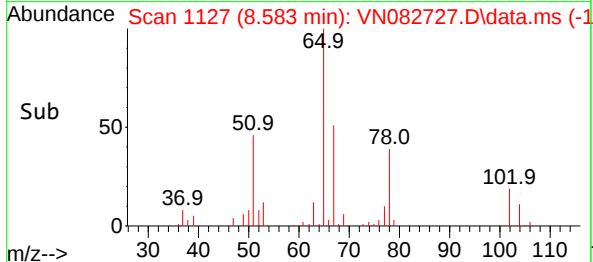
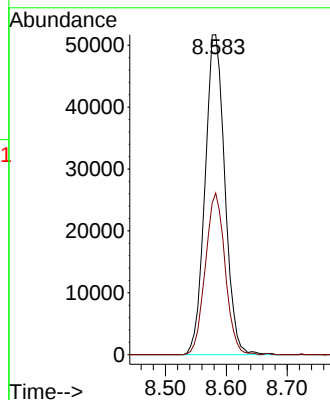
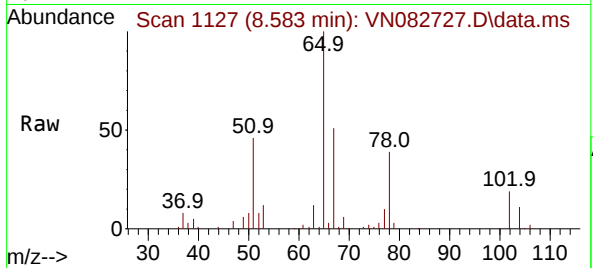
6AB

Tgt Ion: 65 Resp: 116848

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082727.D

Acq: 25 Jun 2024 19:02

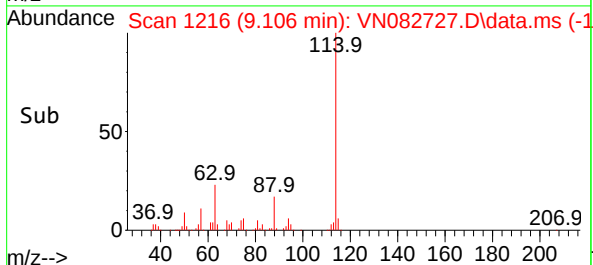
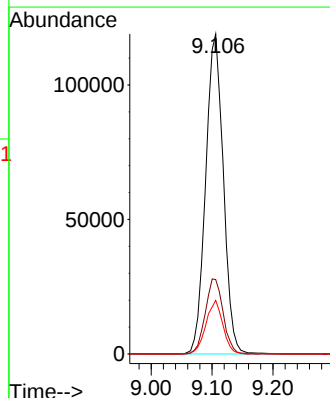
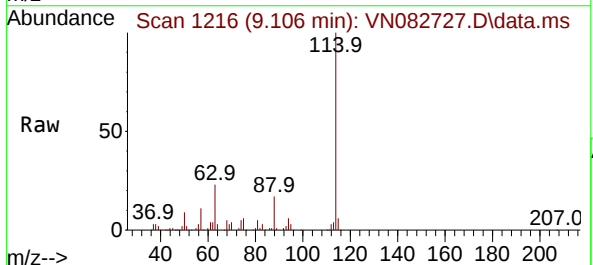
Tgt Ion: 114 Resp: 240183

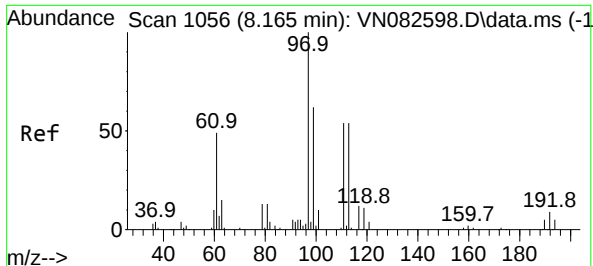
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.785 ug/l

RT: 8.165 min Scan# 11056

Delta R.T. 0.000 min

Lab File: VN082727.D

Acq: 25 Jun 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

6AB

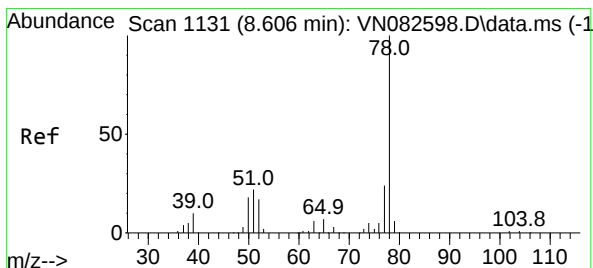
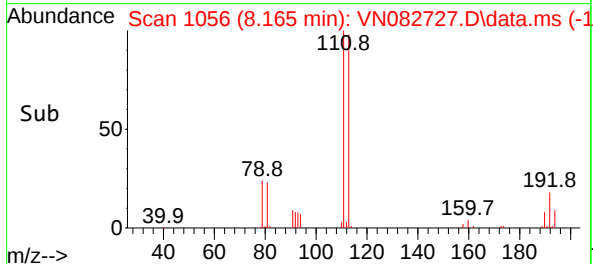
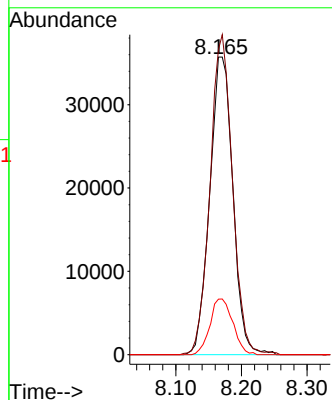
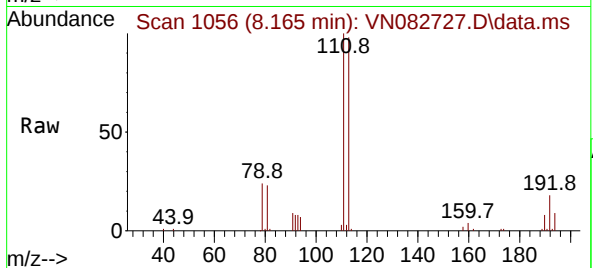
Tgt Ion:113 Resp: 87636

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

192 18.5 14.9 22.3



#40

Benzene

Concen: 30.910 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082727.D

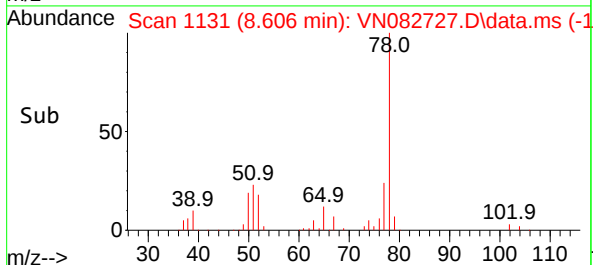
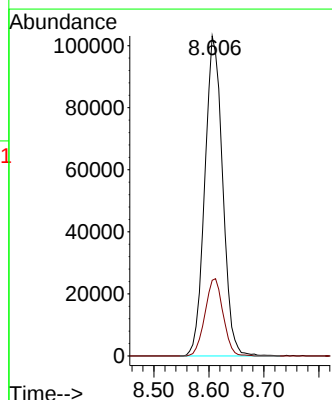
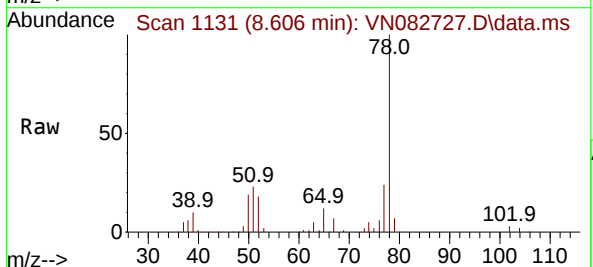
Acq: 25 Jun 2024 19:02

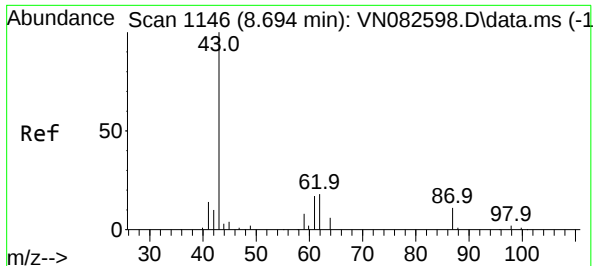
Tgt Ion: 78 Resp: 232638

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#43

Isopropyl Acetate

Concen: 38.480 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082727.D

Acq: 25 Jun 2024 19:02

Instrument :

MSVOA_N

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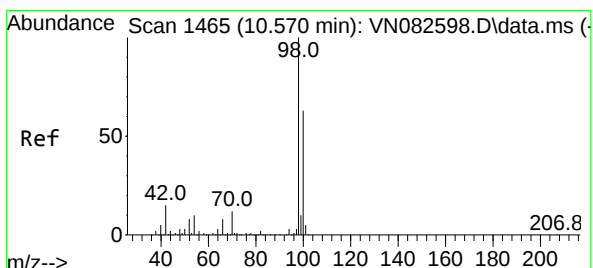
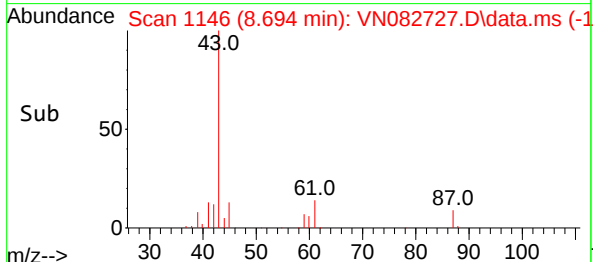
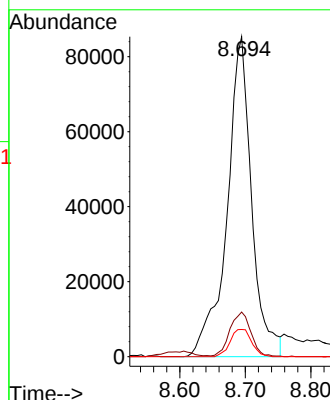
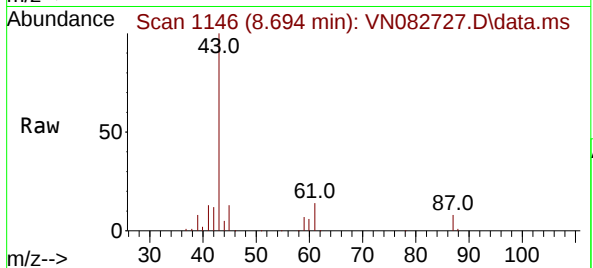
Tgt Ion: 43 Resp: 223123

Ion Ratio Lower Upper

43 100

61 12.0 17.8 26.6#

87 7.4 8.2 12.2#



#50

Toluene-d8

Concen: 53.753 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082727.D

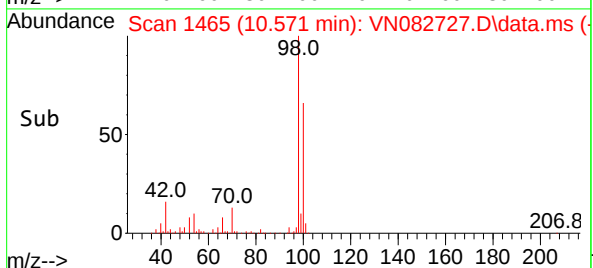
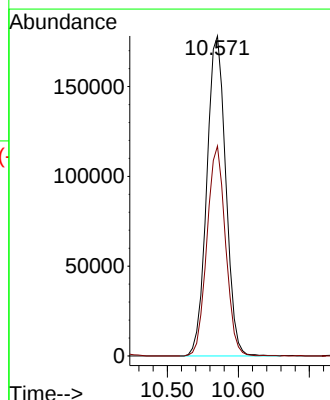
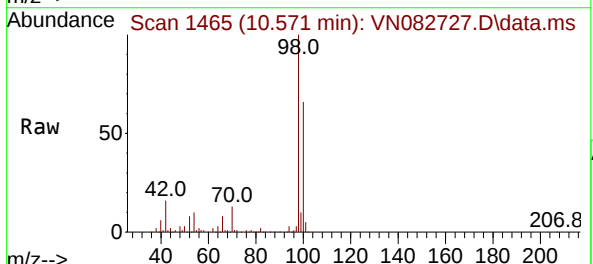
Acq: 25 Jun 2024 19:02

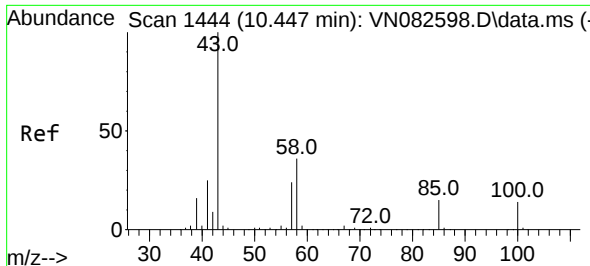
Tgt Ion: 98 Resp: 331213

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

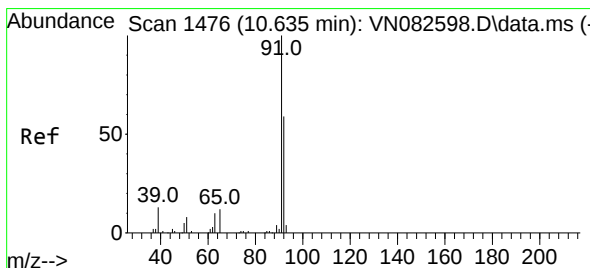
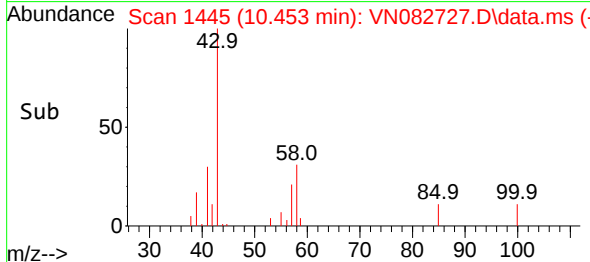
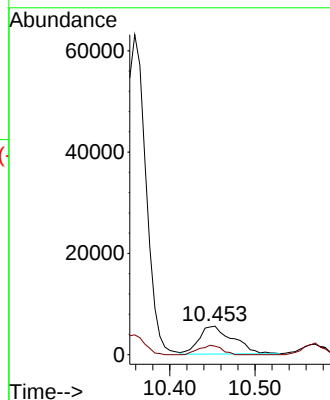
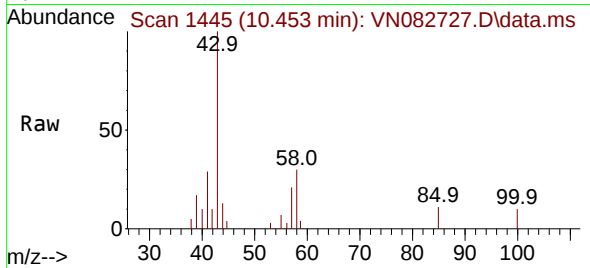




#51
4-Methyl-2-Pentanone
Concen: 5.147 ug/l
RT: 10.453 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

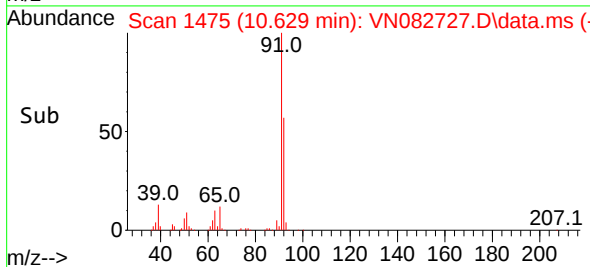
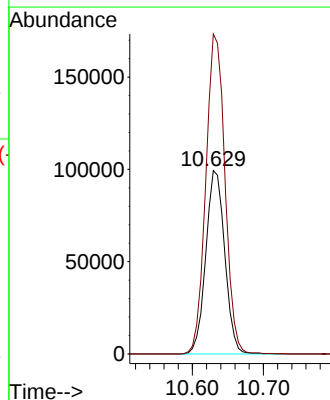
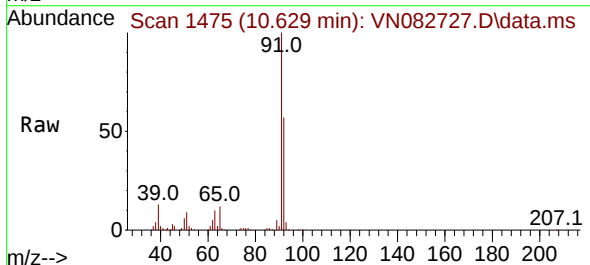
Instrument :
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6AB

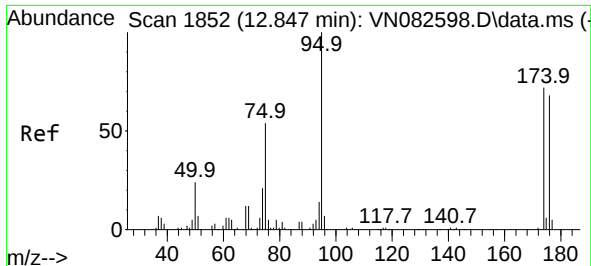
Tgt Ion: 43 Resp: 15307
Ion Ratio Lower Upper
43 100
58 22.8 28.2 42.4#



#52
Toluene
Concen: 40.426 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion: 92 Resp: 184385
Ion Ratio Lower Upper
92 100
91 176.2 139.4 209.0

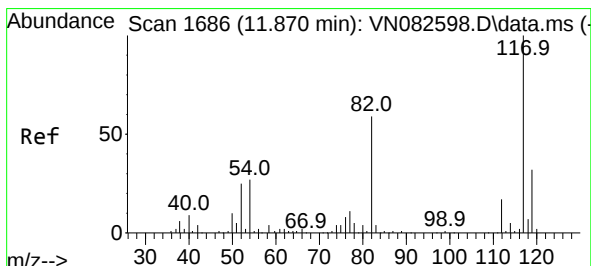
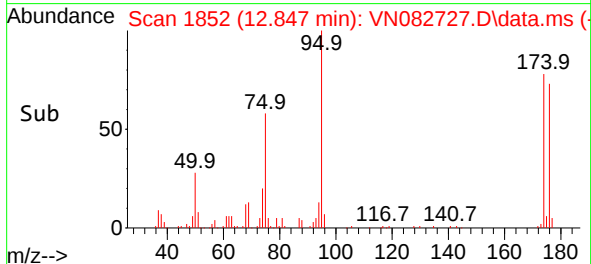
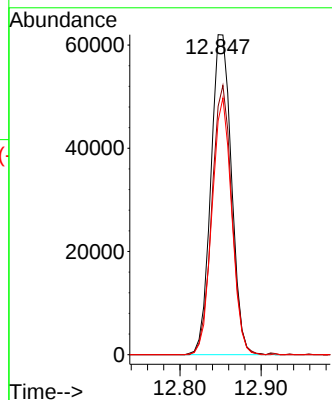
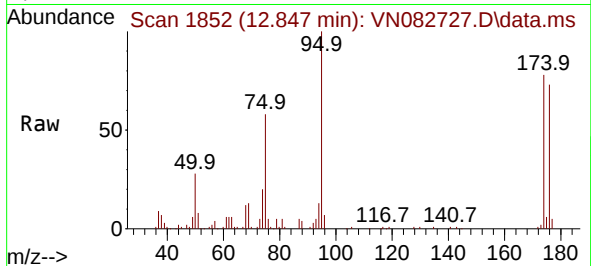




#62
4-Bromofluorobenzene
Concen: 51.461 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

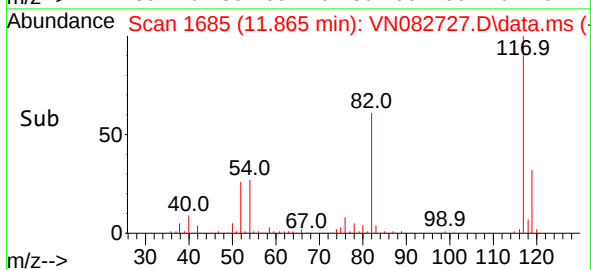
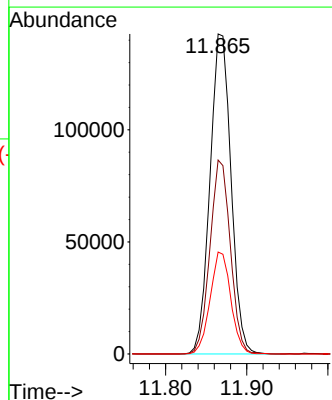
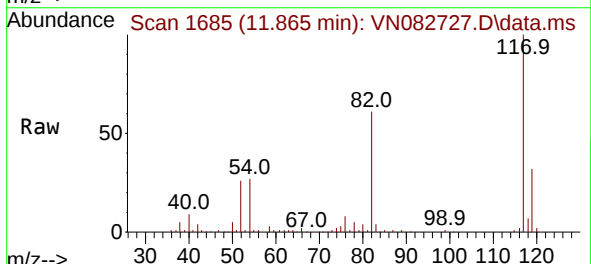
Instrument :
MSVOA_N
ClientSampleId :
6AB

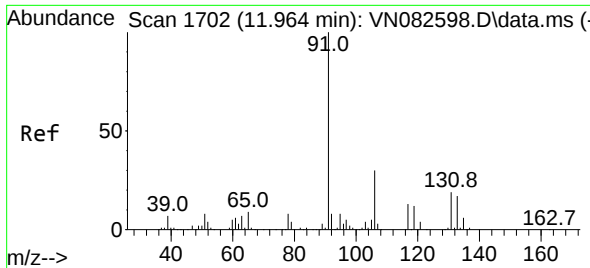
Tgt Ion: 95 Resp: 109321
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.2
176 76.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion: 117 Resp: 257030
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.8 25.6 38.4

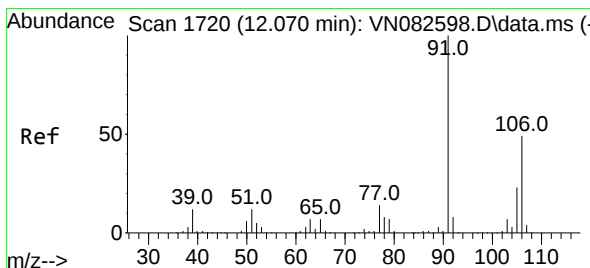
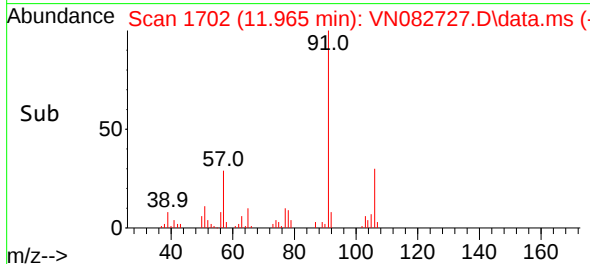
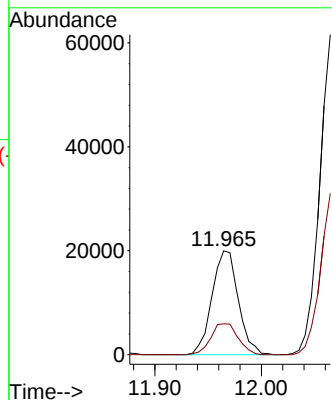
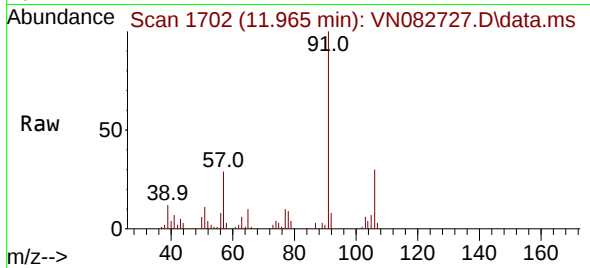




#67
Ethyl Benzene
Concen: 3.404 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

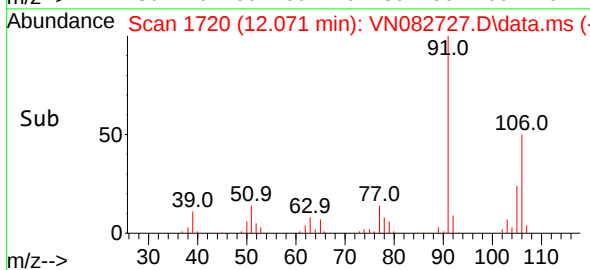
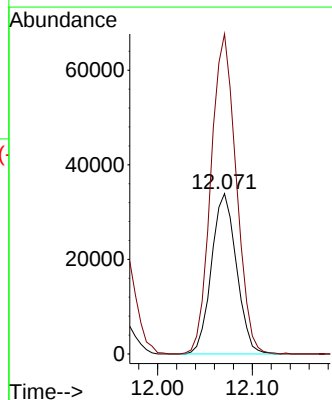
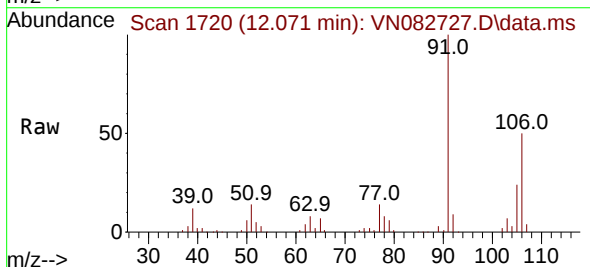
Instrument :
MSVOA_N
ClientSampleId :
6AB

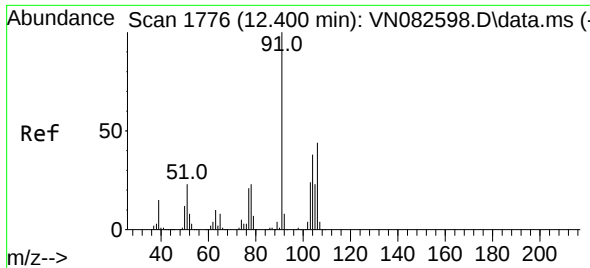
Tgt Ion: 91 Resp: 34186
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 16.585 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion:106 Resp: 61968
Ion Ratio Lower Upper
106 100
91 202.2 166.1 249.1

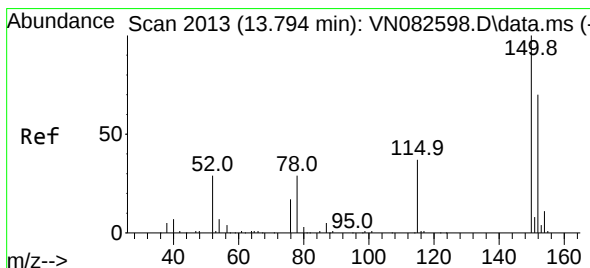
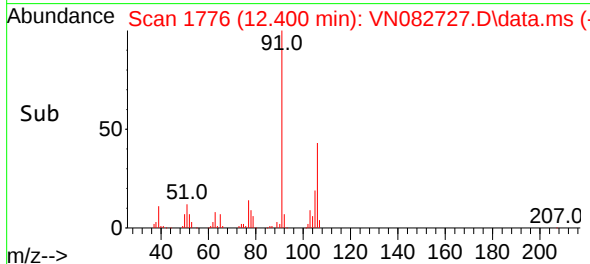
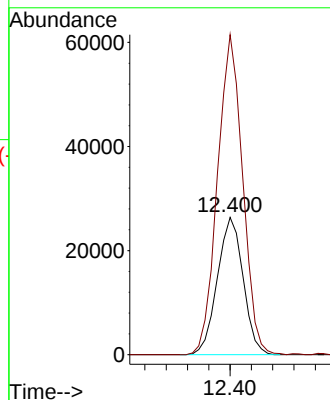
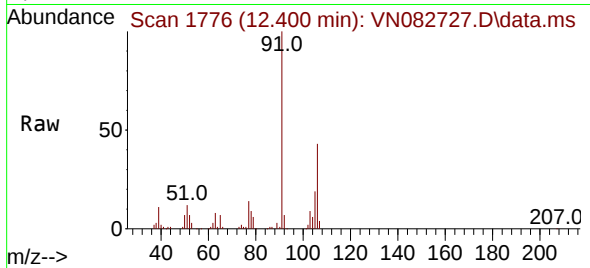




#69
o-Xylene
Concen: 12.610 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

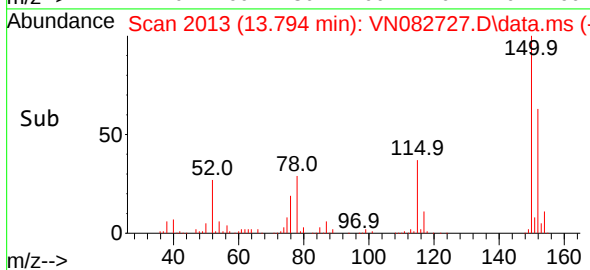
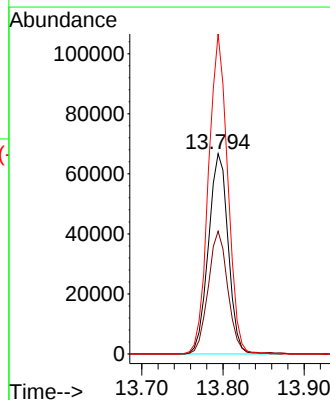
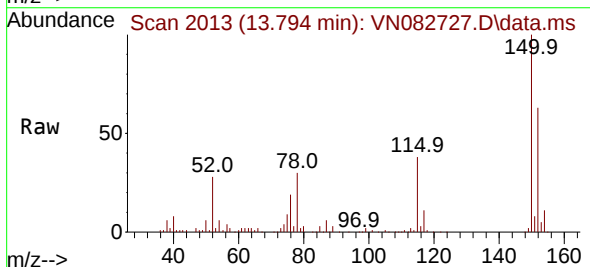
Instrument :
MSVOA_N
ClientSampleId :
6AB

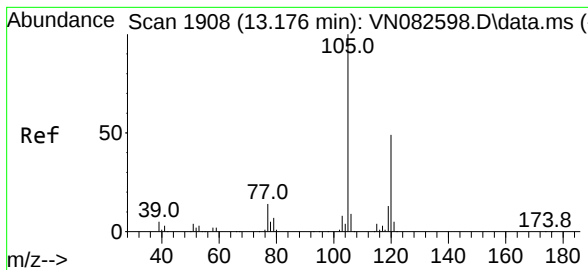
Tgt Ion:106 Resp: 44264
Ion Ratio Lower Upper
106 100
91 227.8 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Tgt Ion:152 Resp: 112223
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 155.9 0.0 348.6

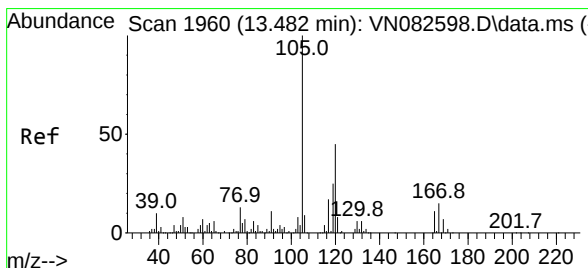
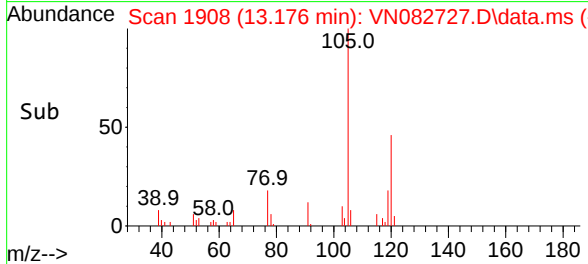
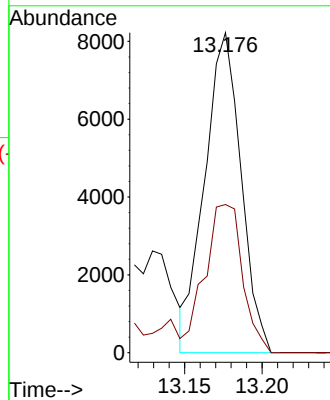
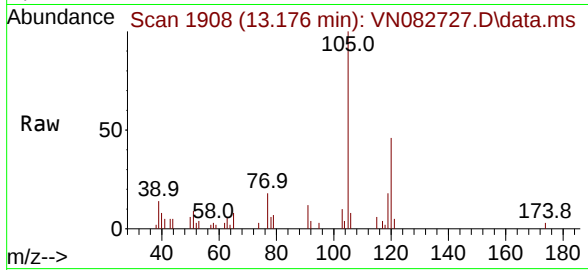




#80
 1,3,5-Trimethylbenzene
 Concen: 1.933 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN082727.D
 Acq: 25 Jun 2024 19:02

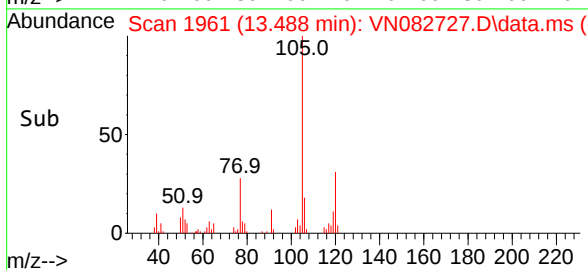
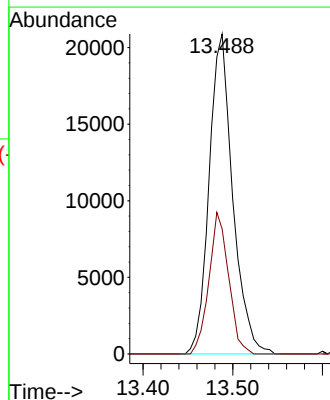
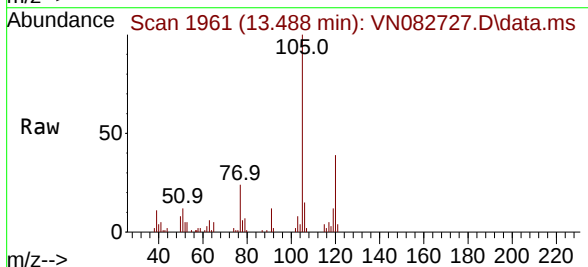
Instrument :
 MSVOA_N
 ClientSampleId :
 6AB

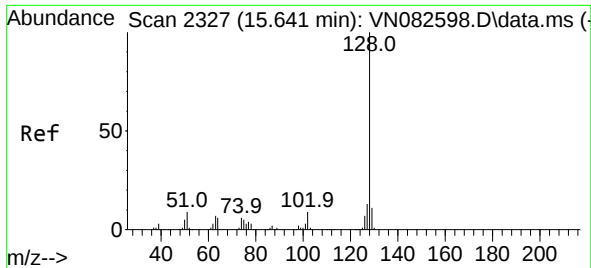
Tgt Ion:105 Resp: 13369
 Ion Ratio Lower Upper
 105 100
 120 53.2 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.494 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN082727.D
 Acq: 25 Jun 2024 19:02

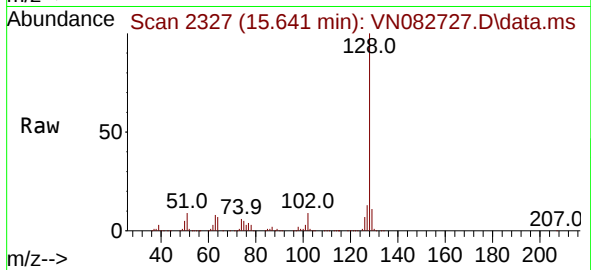
Tgt Ion:105 Resp: 38113
 Ion Ratio Lower Upper
 105 100
 120 36.9 21.9 65.8





#95
Naphthalene
Concen: 373.441 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082727.D
Acq: 25 Jun 2024 19:02

Instrument :
MSVOA_N
ClientSampleId :
6AB



Tgt Ion:128 Resp: 2352598
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 12.8

