

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083625.D
 Acq On : 03 Sep 2024 15:33
 Operator : JC\MD
 Sample : P3787-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2

Quant Time: Sep 03 15:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

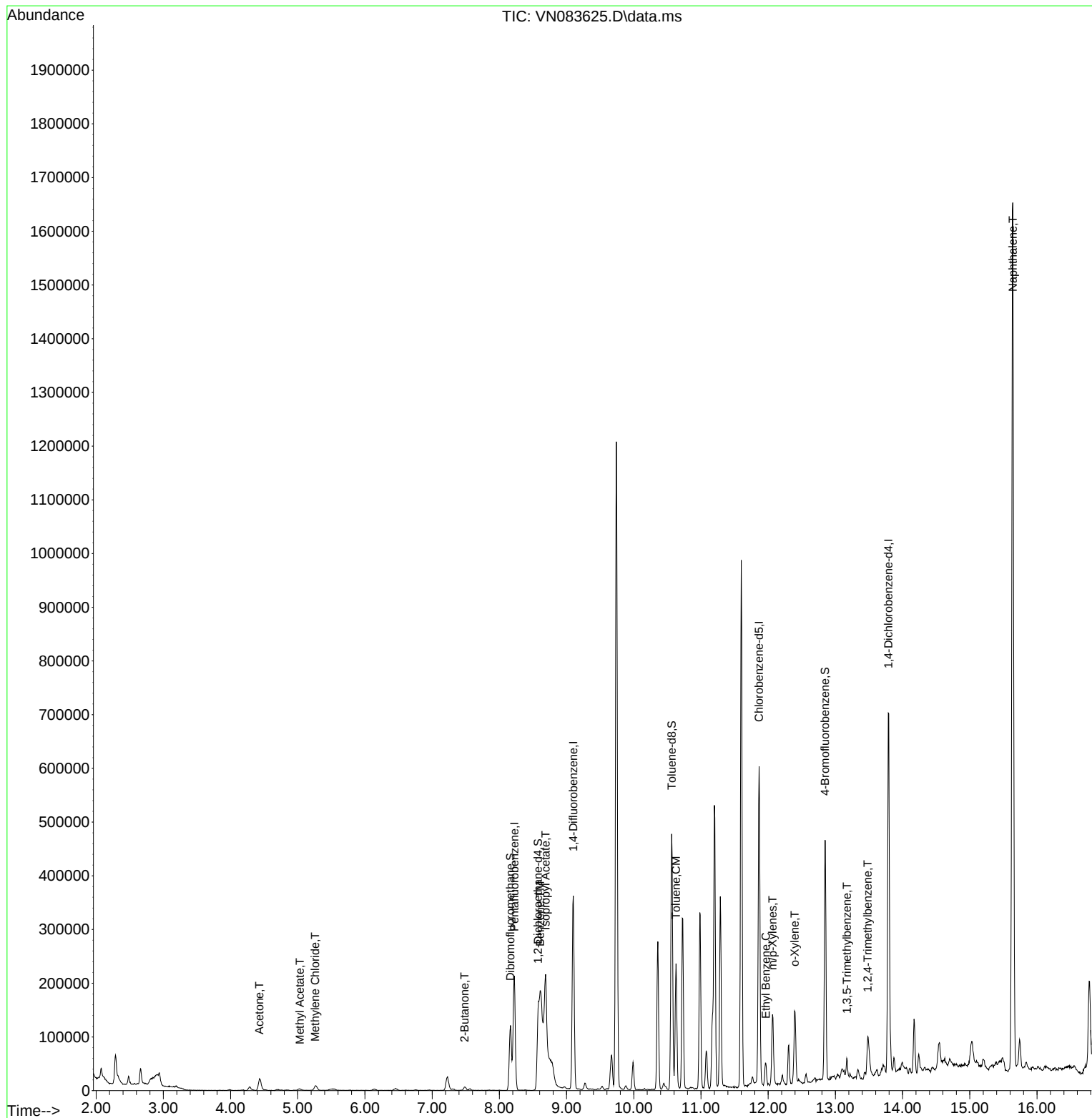
Internal Standards						
1) Pentafluorobenzene	8.224	168	145824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107042	52.522	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.040%		
35) Dibromofluoromethane	8.165	113	85328	46.781	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.560%		
50) Toluene-d8	10.565	98	324131	45.682	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.360%		
62) 4-Bromofluorobenzene	12.847	95	155661	59.159	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.320%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36758	45.228	ug/l	96
18) Methyl Acetate	5.030	43	6394	2.958	ug/l	94
20) Methylene Chloride	5.259	84	6989	3.894	ug/l	86
25) 2-Butanone	7.483	43	11461	10.357	ug/l	99
40) Benzene	8.606	78	120009	14.022	ug/l	97
43) Isopropyl Acetate	8.688	43	382641	69.322	ug/l #	72
52) Toluene	10.629	92	97825	18.276	ug/l	95
67) Ethyl Benzene	11.965	91	20998	1.592	ug/l	93
68) m/p-Xylenes	12.065	106	39820	8.014	ug/l	98
69) o-Xylene	12.394	106	34766	7.239	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	16708	1.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	47710	4.003	ug/l	86
95) Naphthalene	15.641	128	1469961	130.867	ug/l	100

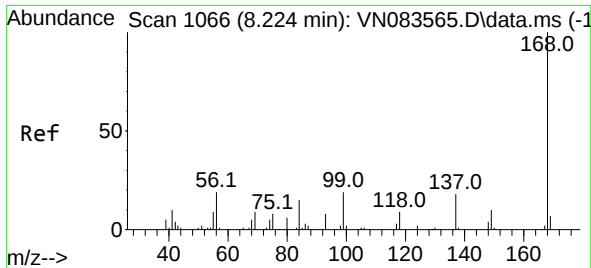
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
Data File : VN083625.D
Acq On : 03 Sep 2024 15:33
Operator : JC\MD
Sample : P3787-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Quant Time: Sep 03 15:51:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

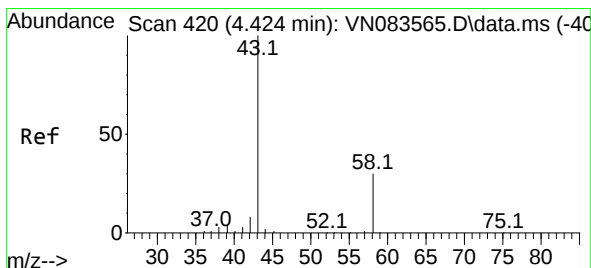
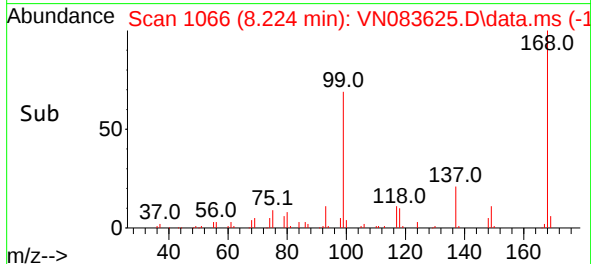
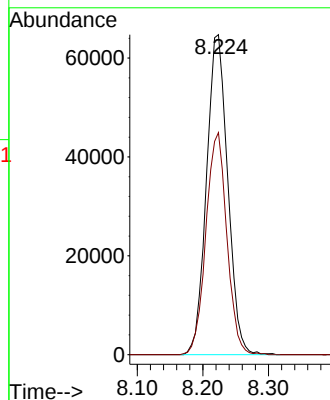
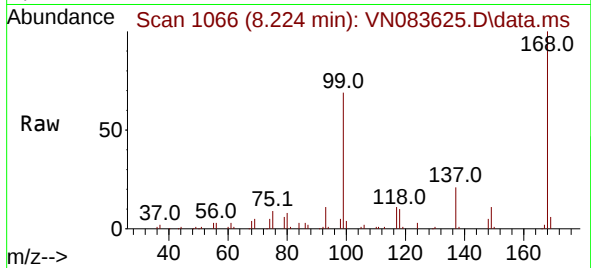




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

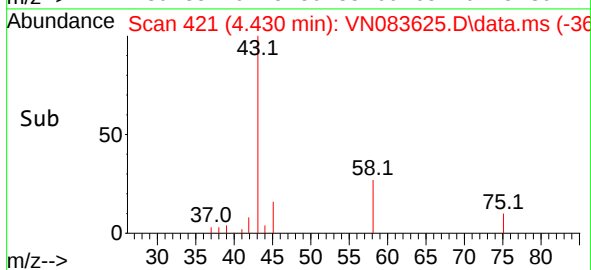
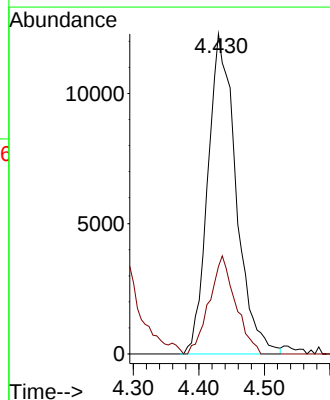
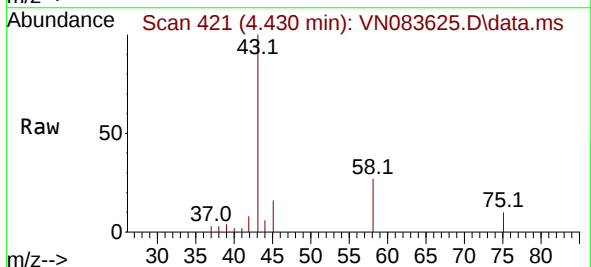
Instrument :
MSVOA_N
ClientSampleId :
SB-2

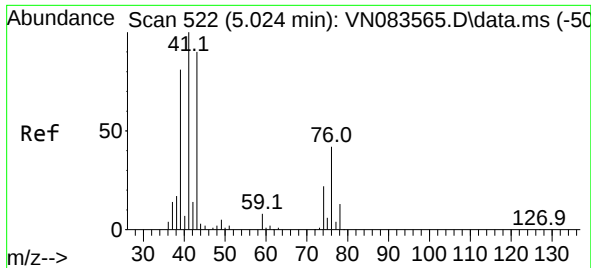
Tgt Ion:168 Resp: 145824
Ion Ratio Lower Upper
168 100
99 69.4 54.2 81.2



#16
Acetone
Concen: 45.228 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion: 43 Resp: 36758
Ion Ratio Lower Upper
43 100
58 27.3 23.7 35.5

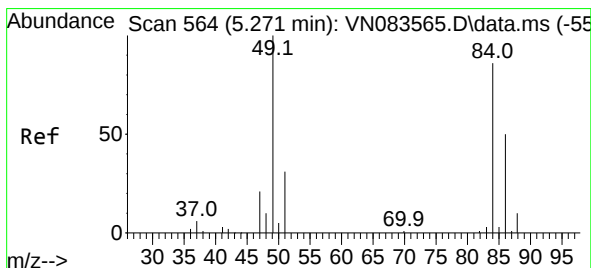
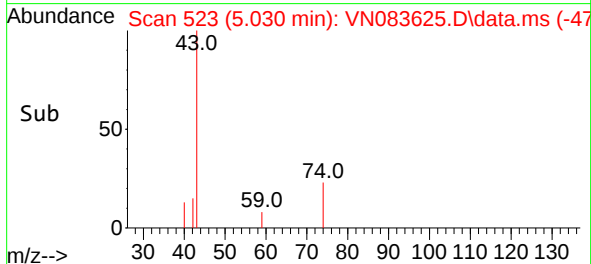
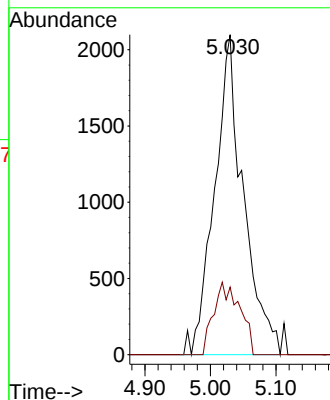
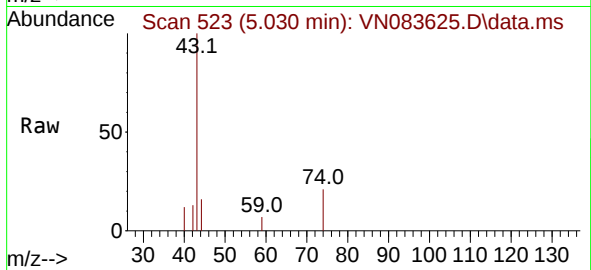




#18
Methyl Acetate
Concen: 2.958 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

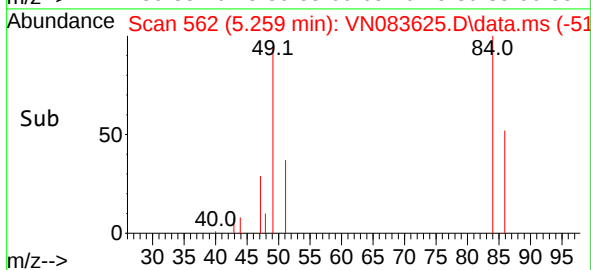
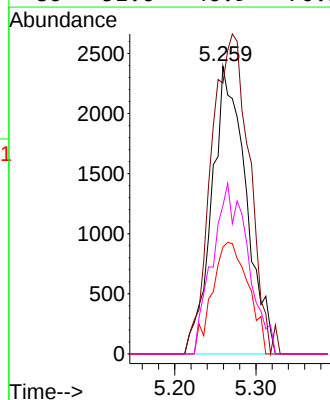
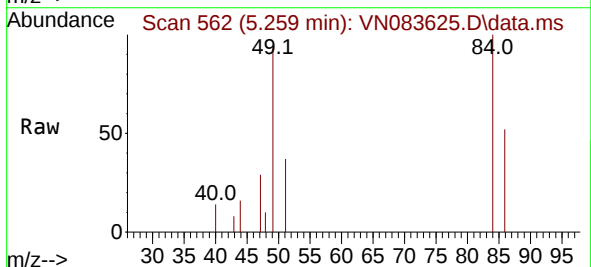
Instrument :
MSVOA_N
ClientSampleId :
SB-2

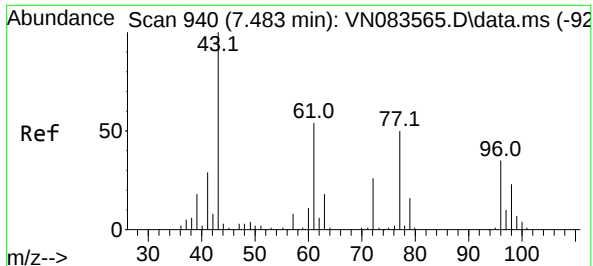
Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
74 20.6 19.0 28.4



#20
Methylene Chloride
Concen: 3.894 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion: 84 Resp: 6989
Ion Ratio Lower Upper
84 100
49 94.2 93.4 140.0
51 37.2 29.2 43.8
86 51.6 46.9 70.3





#25

2-Butanone

Concen: 10.357 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

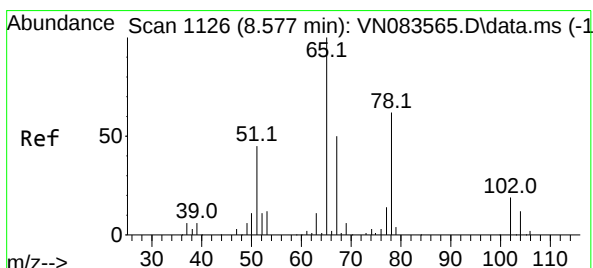
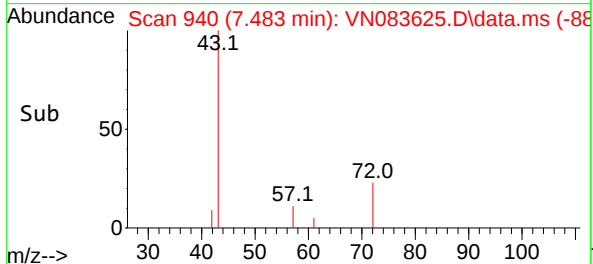
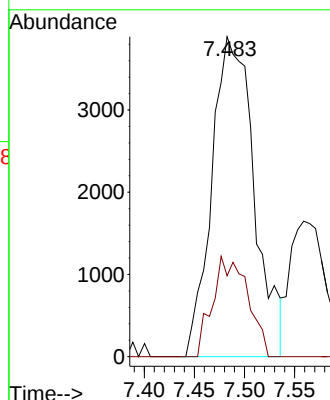
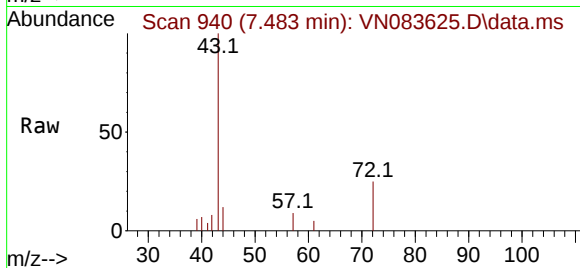
SB-2

Tgt Ion: 43 Resp: 11461

Ion Ratio Lower Upper

43 100

72 25.3 20.8 31.2



#33

1,2-Dichloroethane-d4

Concen: 52.522 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083625.D

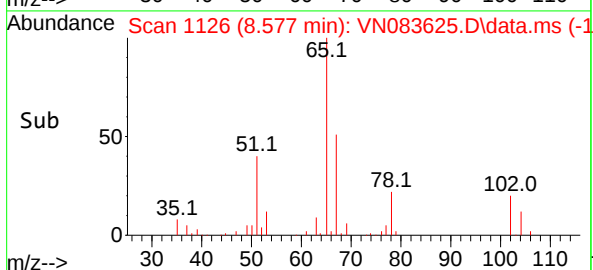
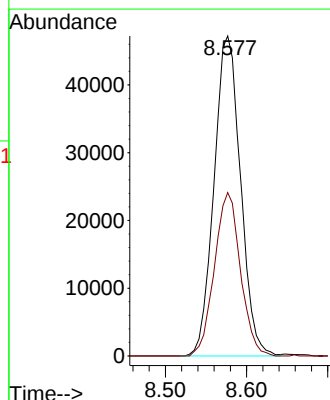
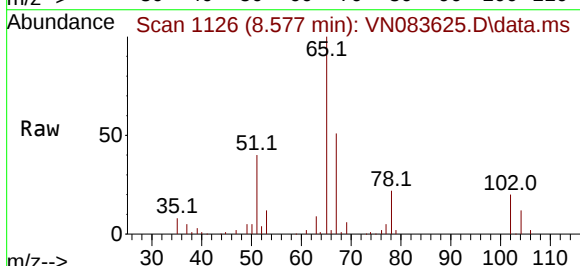
Acq: 03 Sep 2024 15:33

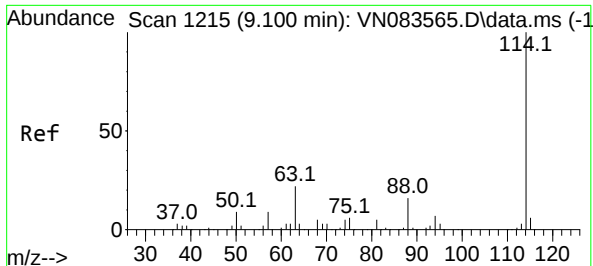
Tgt Ion: 65 Resp: 107042

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

SB-2

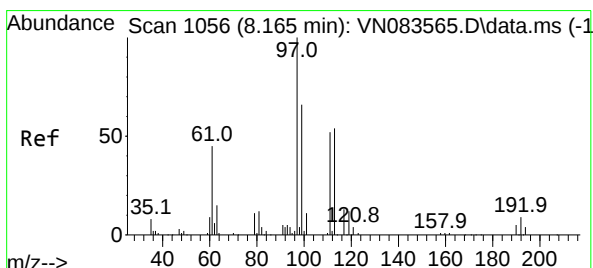
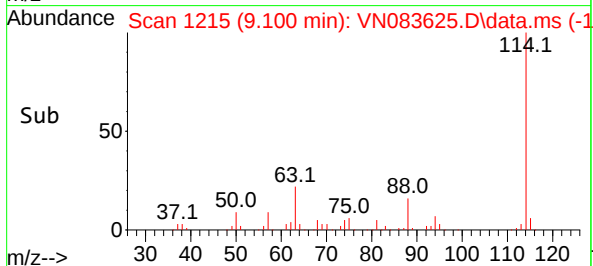
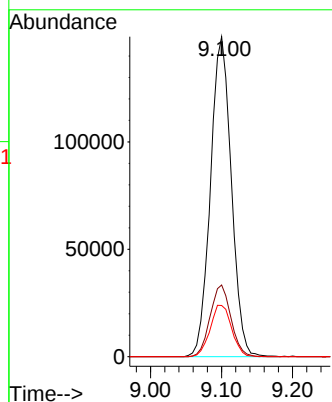
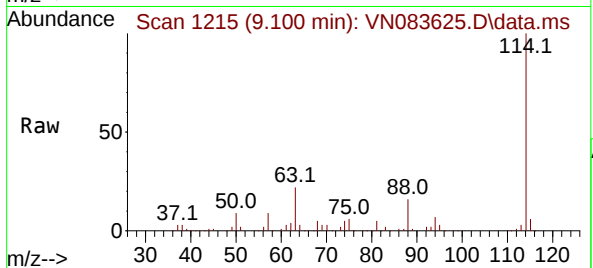
Tgt Ion:114 Resp: 303050

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.781 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

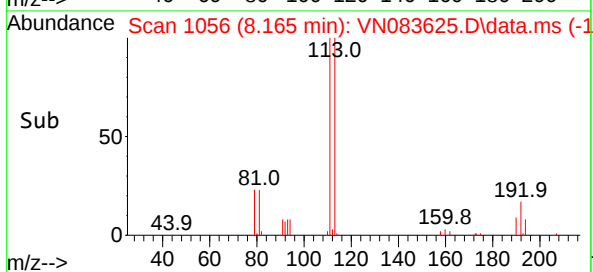
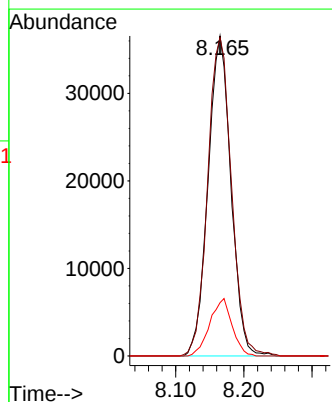
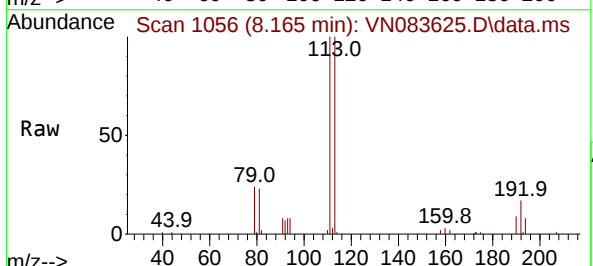
Tgt Ion:113 Resp: 85328

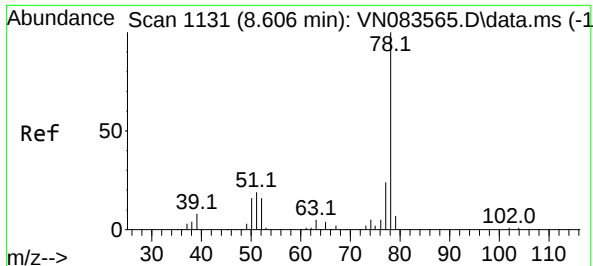
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.5 14.3 21.5

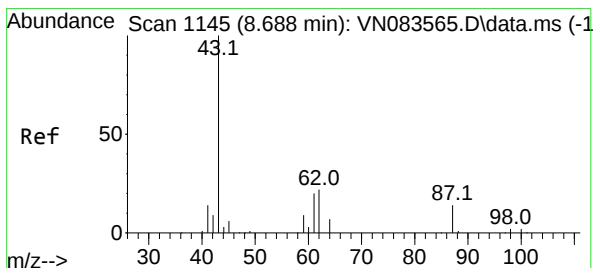
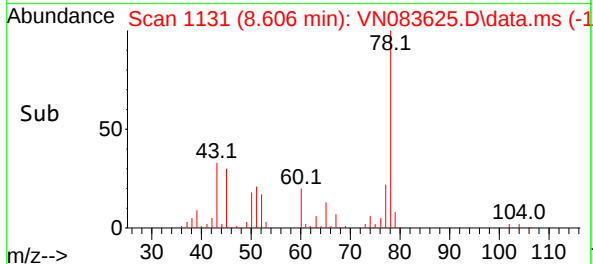
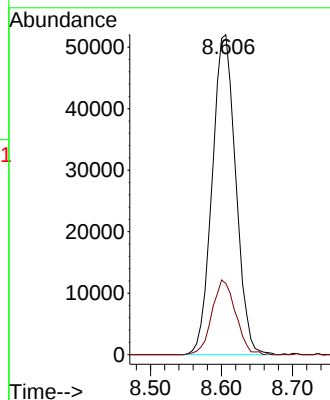
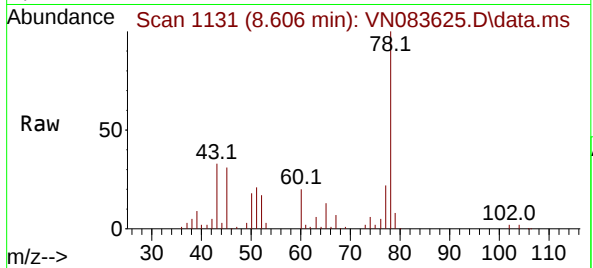




#40
Benzene
Concen: 14.022 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

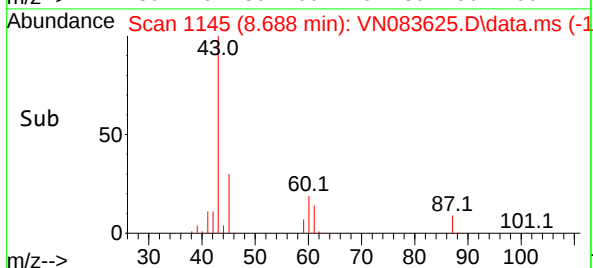
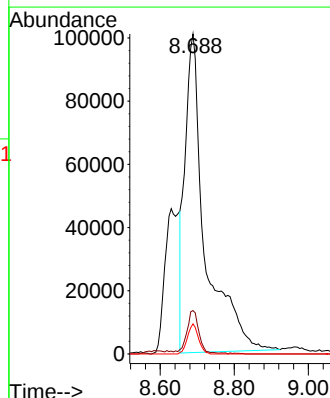
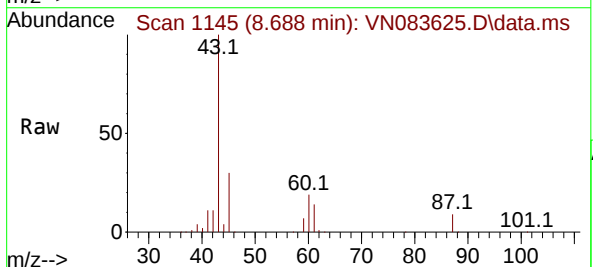
Instrument :
MSVOA_N
ClientSampleId :
SB-2

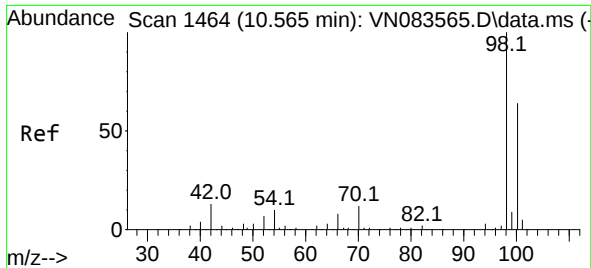
Tgt Ion: 78 Resp: 120009
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6



#43
Isopropyl Acetate
Concen: 69.322 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion: 43 Resp: 382641
Ion Ratio Lower Upper
43 100
61 8.3 19.4 29.0#
87 5.1 9.8 14.6#

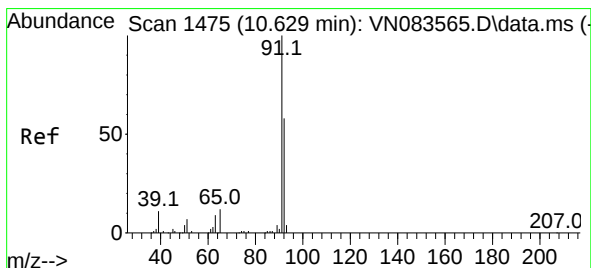
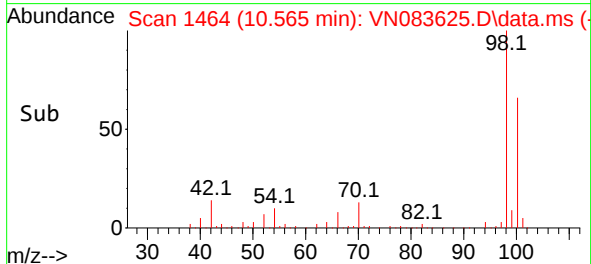
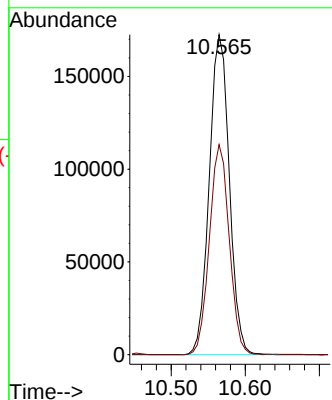
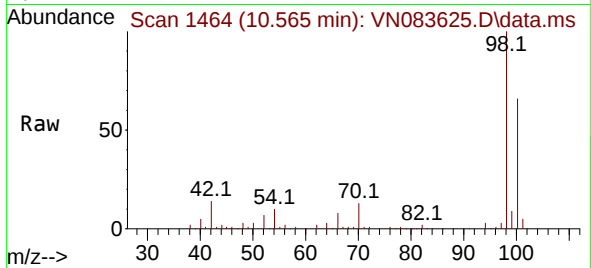




#50
Toluene-d8
Concen: 45.682 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

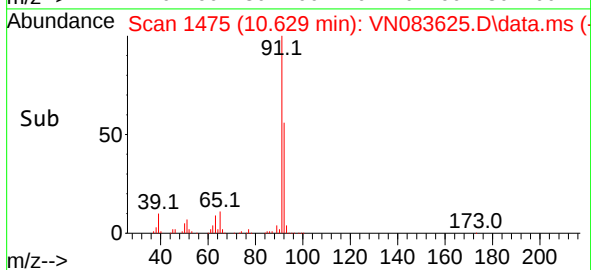
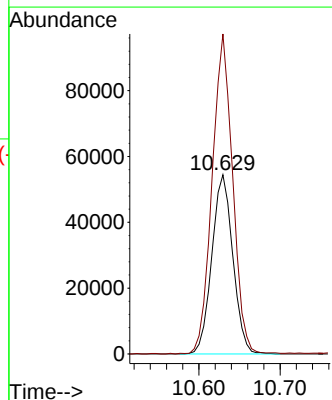
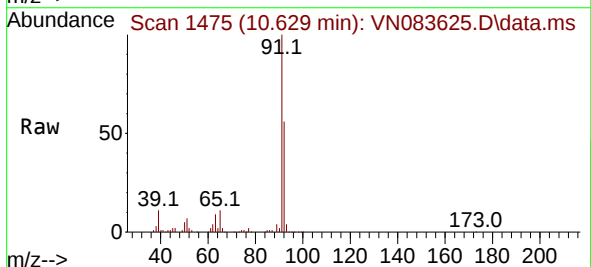
Instrument :
MSVOA_N
ClientSampleId :
SB-2

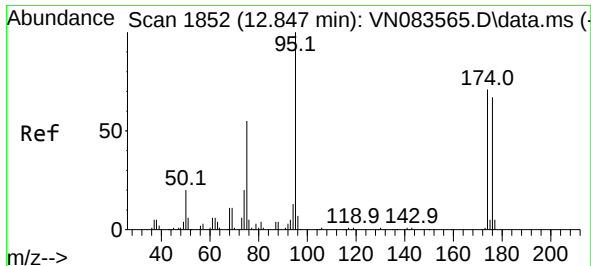
Tgt Ion: 98 Resp: 324131
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#52
Toluene
Concen: 18.276 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion: 92 Resp: 97825
Ion Ratio Lower Upper
92 100
91 174.7 134.7 202.1

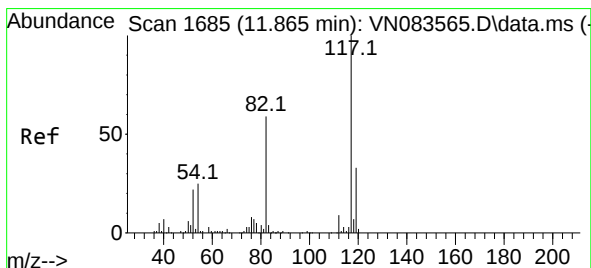
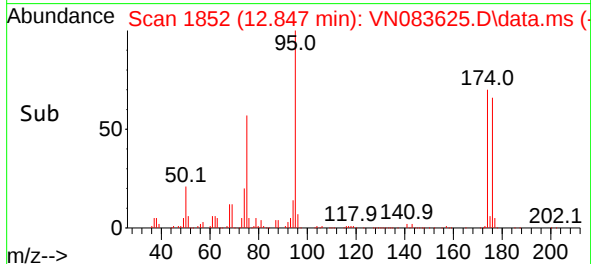
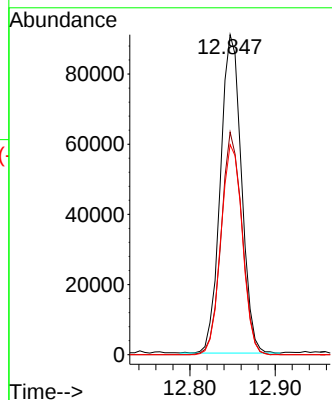
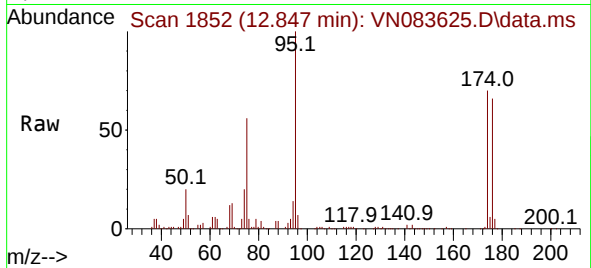




#62
4-Bromofluorobenzene
Concen: 59.159 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

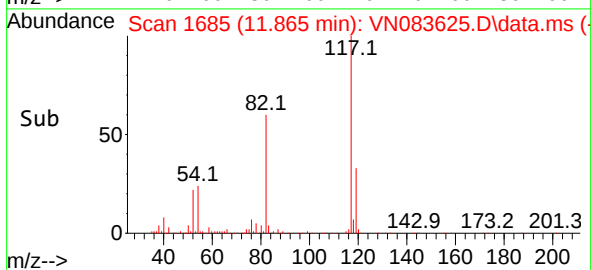
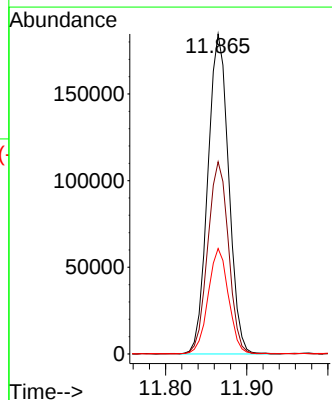
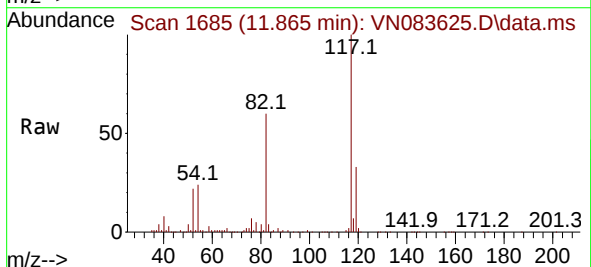
Instrument :
MSVOA_N
ClientSampleId :
SB-2

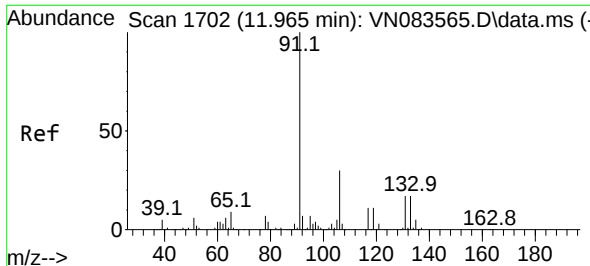
Tgt Ion: 95 Resp: 155661
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion: 117 Resp: 329484
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.8 26.3 39.5

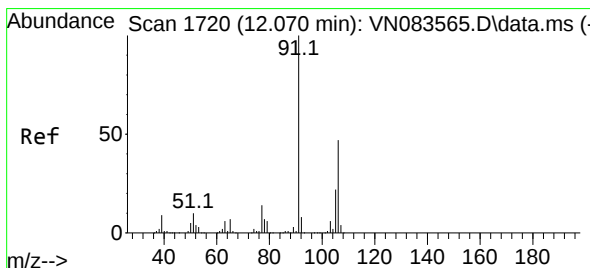
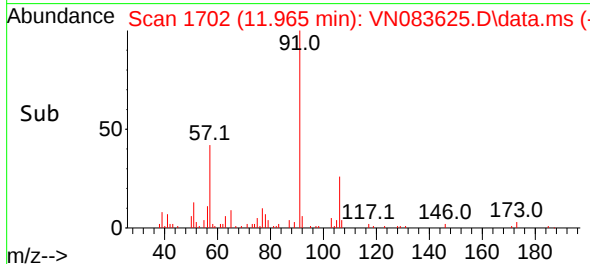
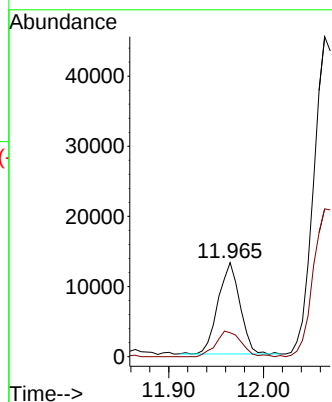
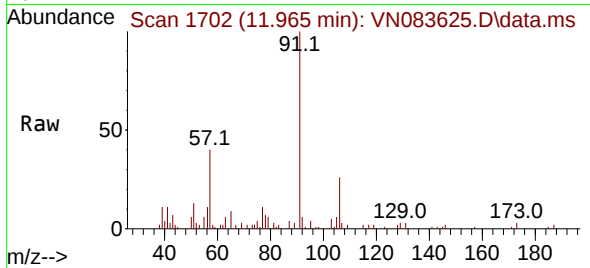




#67
Ethyl Benzene
Concen: 1.592 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

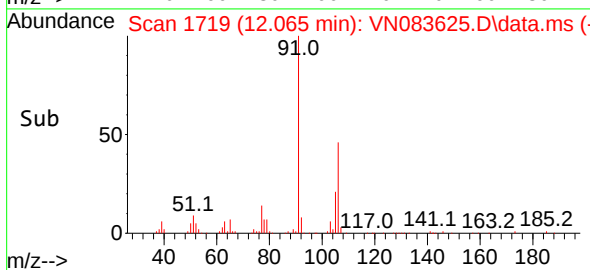
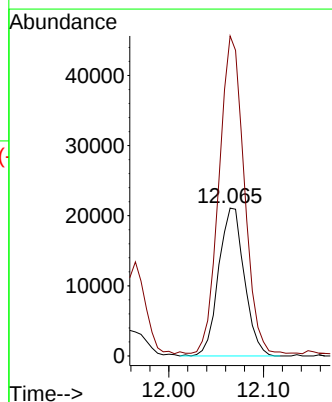
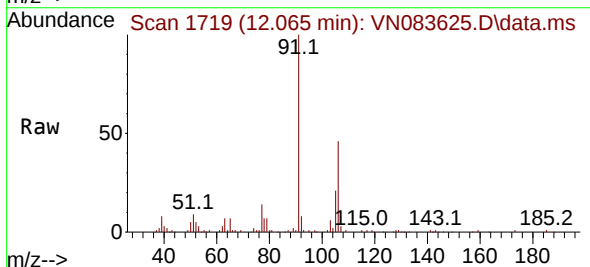
Instrument :
MSVOA_N
ClientSampleId :
SB-2

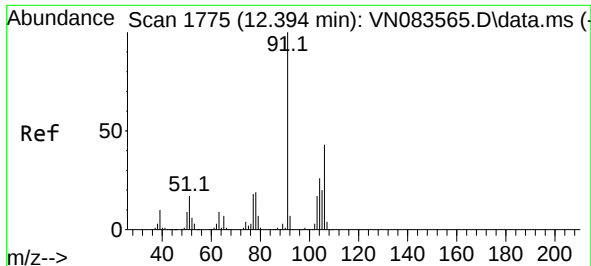
Tgt Ion: 91 Resp: 20998
Ion Ratio Lower Upper
91 100
106 26.3 24.3 36.5



#68
m/p-Xylenes
Concen: 8.014 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Tgt Ion:106 Resp: 39820
Ion Ratio Lower Upper
106 100
91 208.9 169.2 253.8





#69

o-Xylene

Concen: 7.239 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

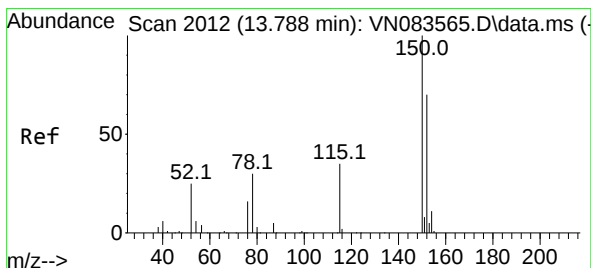
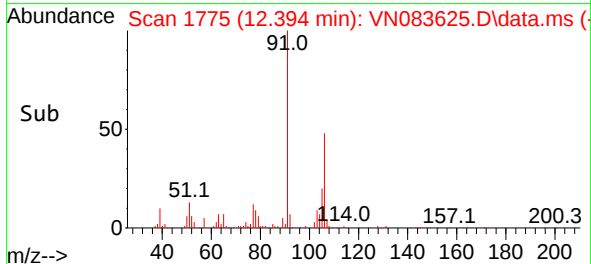
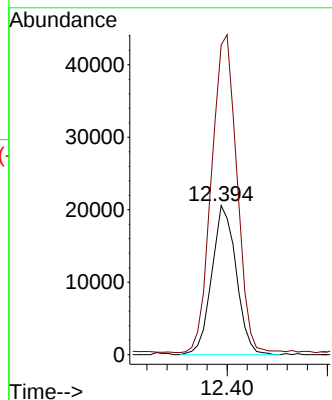
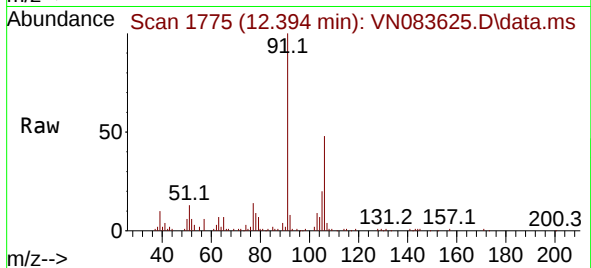
SB-2

Tgt Ion:106 Resp: 34766

Ion Ratio Lower Upper

106 100

91 221.1 112.9 338.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

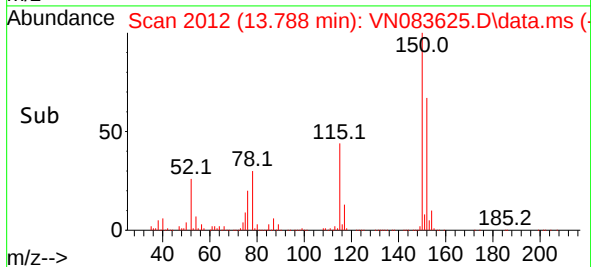
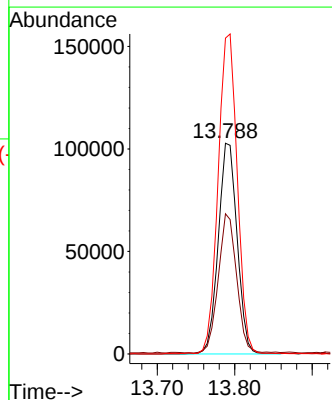
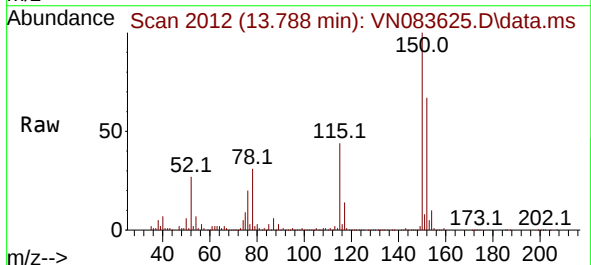
Tgt Ion:152 Resp: 173676

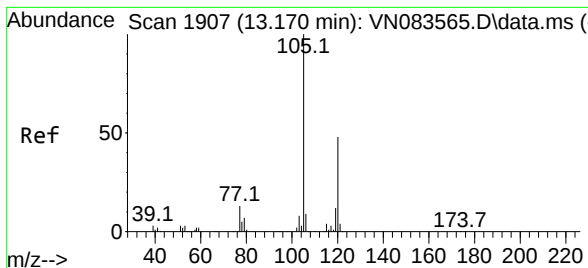
Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 154.8 0.0 348.6





#80

1,3,5-Trimethylbenzene

Concen: 1.411 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083625.D

Acq: 03 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

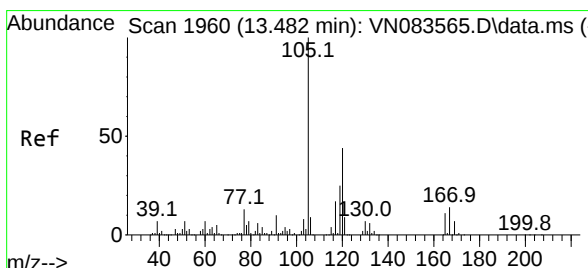
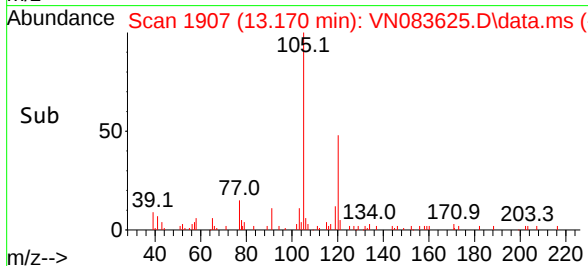
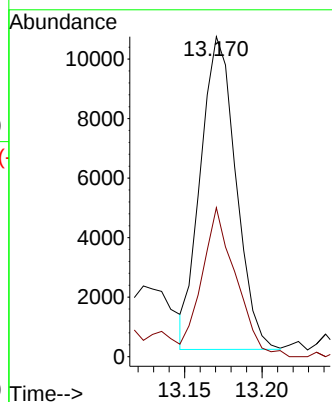
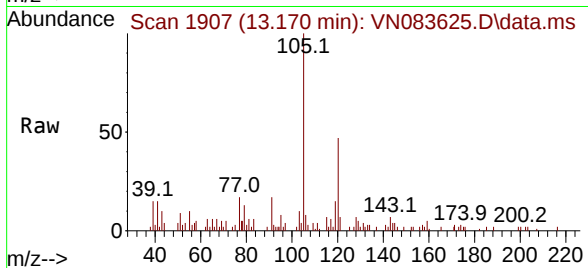
SB-2

Tgt Ion:105 Resp: 16708

Ion Ratio Lower Upper

105 100

120 45.8 23.4 70.3



#84

1,2,4-Trimethylbenzene

Concen: 4.003 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083625.D

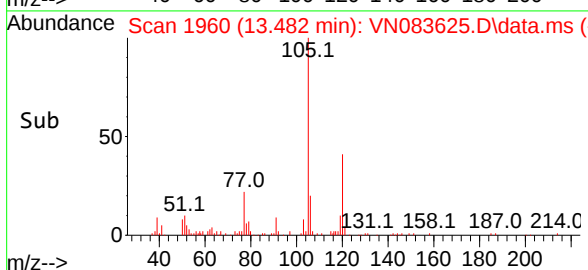
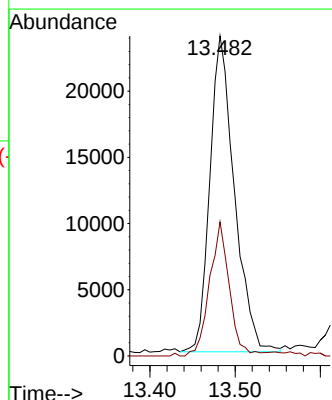
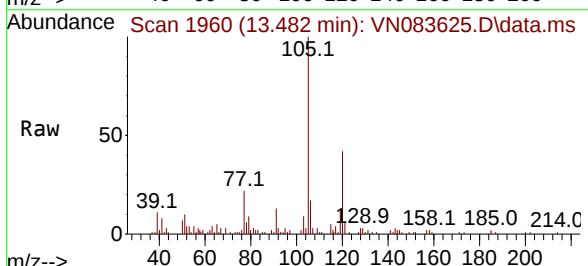
Acq: 03 Sep 2024 15:33

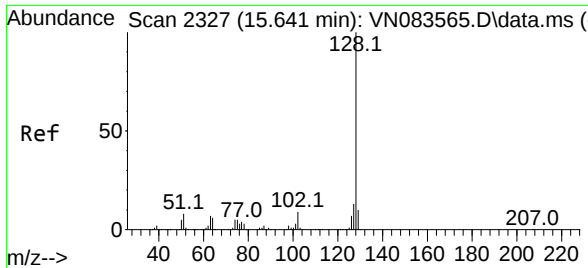
Tgt Ion:105 Resp: 47710

Ion Ratio Lower Upper

105 100

120 34.3 21.8 65.4





#95
Naphthalene
Concen: 130.867 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083625.D
Acq: 03 Sep 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Tgt Ion:128 Resp: 1469961
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.7 13.1

