

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086903.D
 Acq On : 09 Jun 2025 14:25
 Operator : JC\MD
 Sample : Q2192-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Jun 10 03:33:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

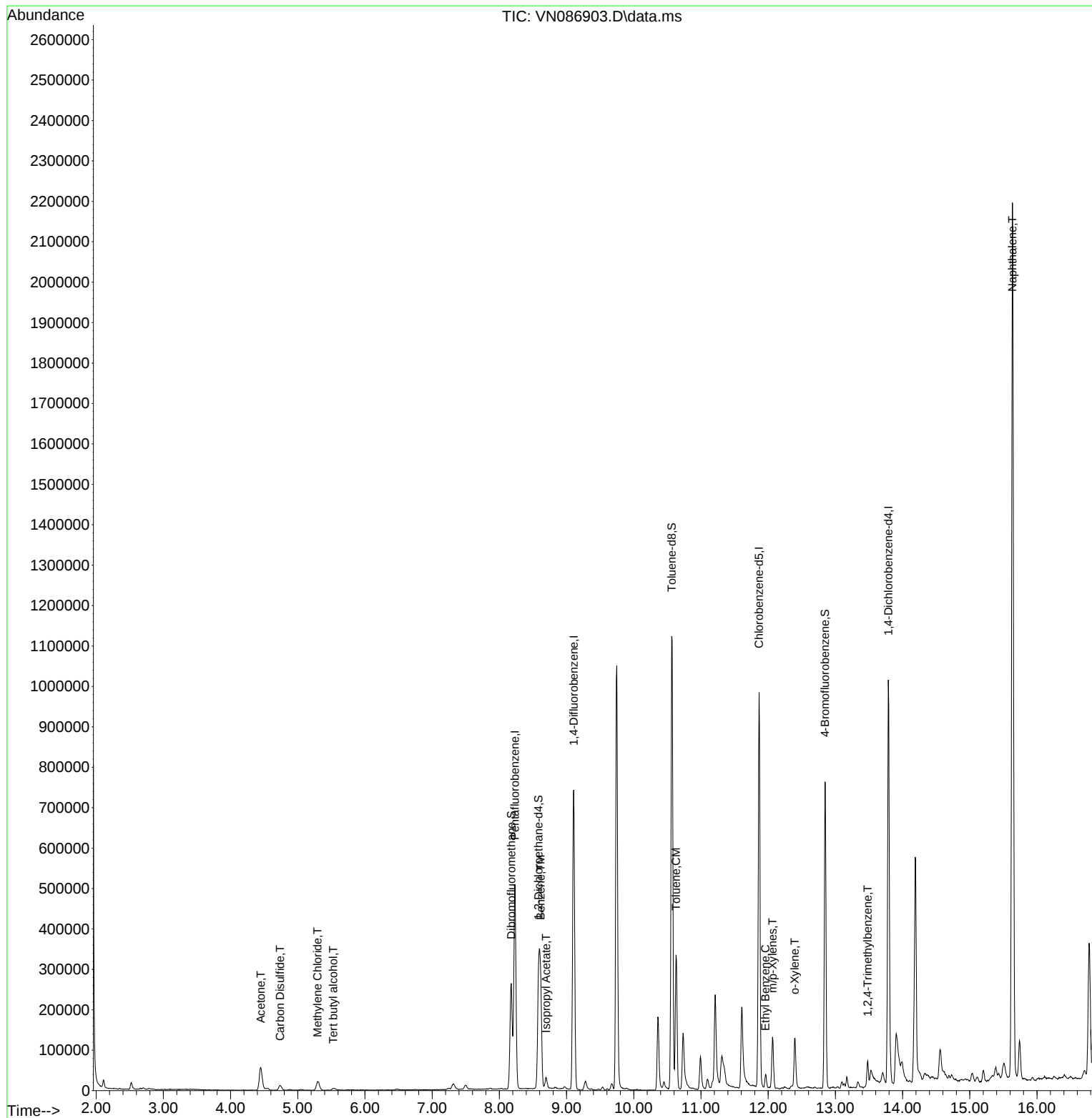
Internal Standards						
1) Pentafluorobenzene	8.230	168	404204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	709385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	610140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	297993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228526	42.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.460%
35) Dibromofluoromethane	8.177	113	199463	47.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	10.565	98	843736	50.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.847	95	302575	48.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	10650	7.253	ug/l	95
16) Acetone	4.447	43	111039	38.690	ug/l	96
17) Carbon Disulfide	4.736	76	22072	1.774	ug/l	97
20) Methylene Chloride	5.294	84	19653	3.658	ug/l	92
40) Benzene	8.612	78	273368	13.345	ug/l	100
43) Isopropyl Acetate	8.694	43	31404	2.454	ug/l	93
52) Toluene	10.629	92	160408	12.813	ug/l	100
67) Ethyl Benzene	11.959	91	26103	1.126	ug/l	100
68) m/p-Xylenes	12.065	106	44211	4.983	ug/l	96
69) o-Xylene	12.394	106	34276	4.033	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	38218	2.126	ug/l	99
95) Naphthalene	15.635	128	2153008	96.254	ug/l	100

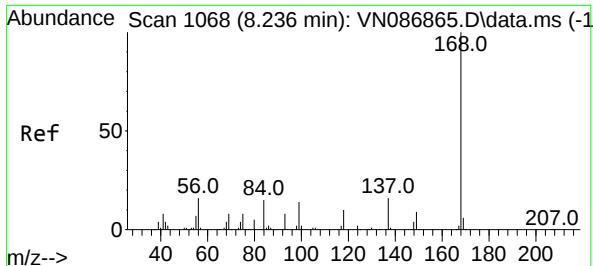
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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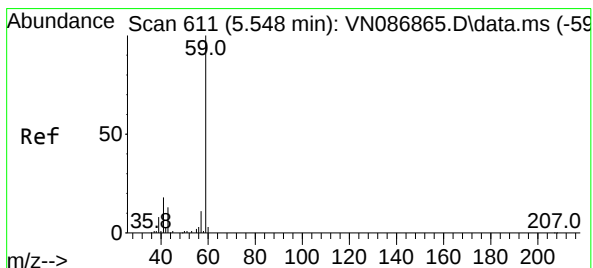
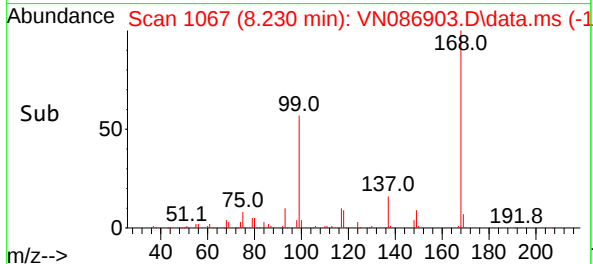
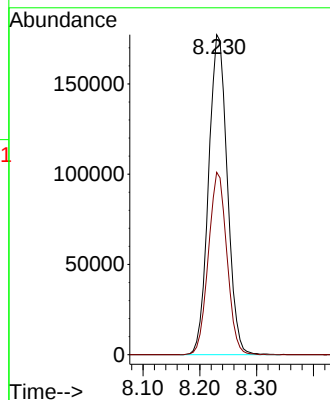
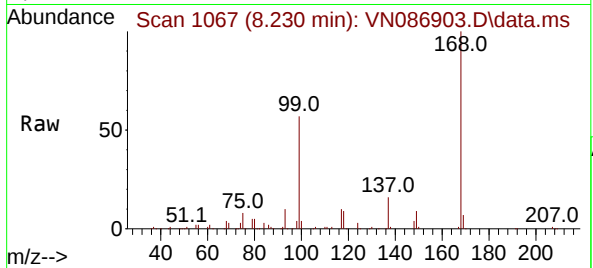




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

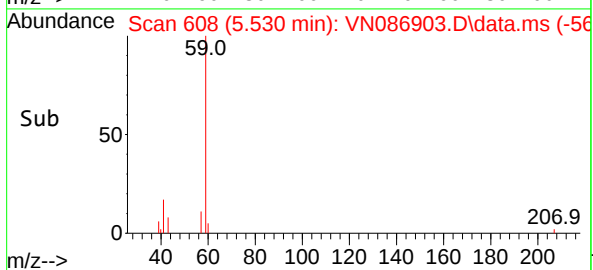
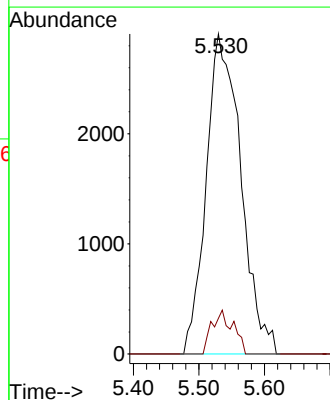
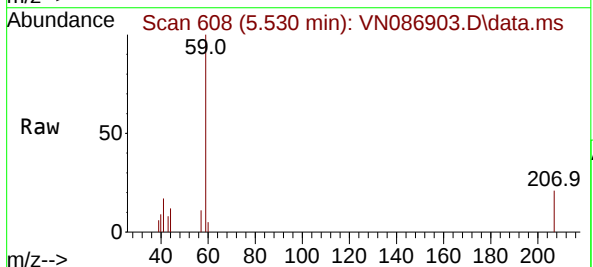
Instrument :
MSVOA_N
ClientSampleId :
SB-1

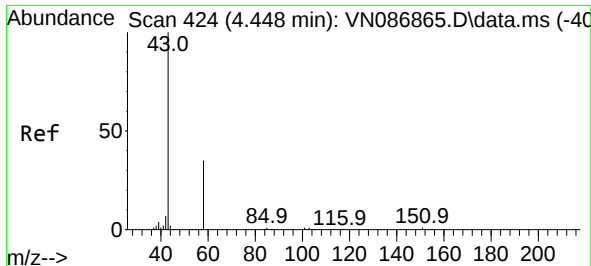
Tgt Ion:168 Resp: 404204
Ion Ratio Lower Upper
168 100
99 57.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 7.253 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion: 59 Resp: 10650
Ion Ratio Lower Upper
59 100
57 8.4 8.1 12.1





#16

Acetone

Concen: 38.690 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086903.D

Acq: 09 Jun 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

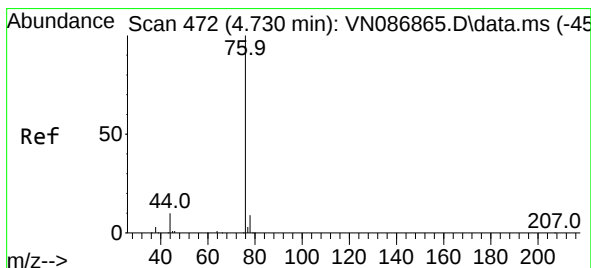
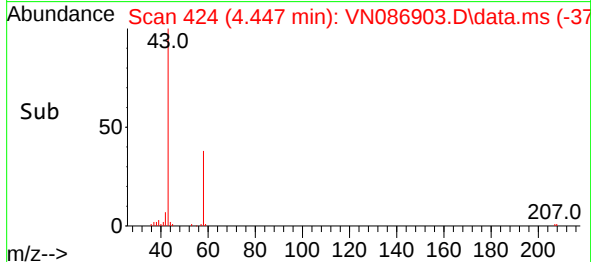
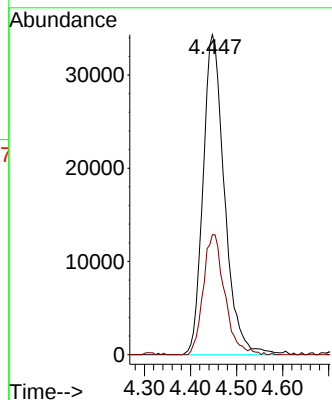
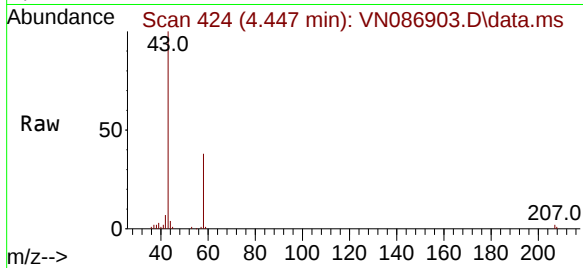
SB-1

Tgt Ion: 43 Resp: 111039

Ion Ratio Lower Upper

43 100

58 37.5 28.0 42.0



#17

Carbon Disulfide

Concen: 1.774 ug/l

RT: 4.736 min Scan# 473

Delta R.T. 0.006 min

Lab File: VN086903.D

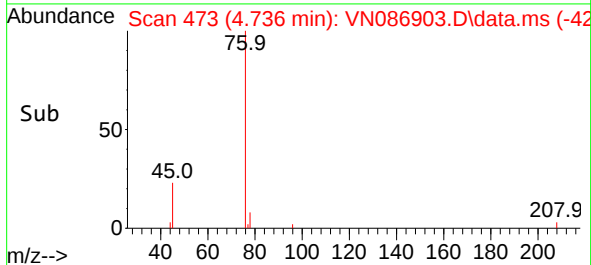
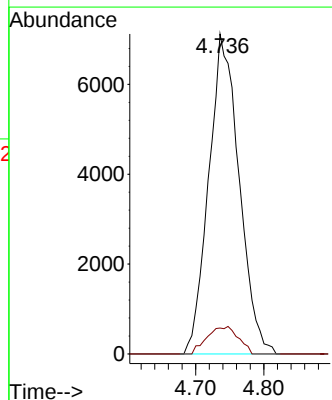
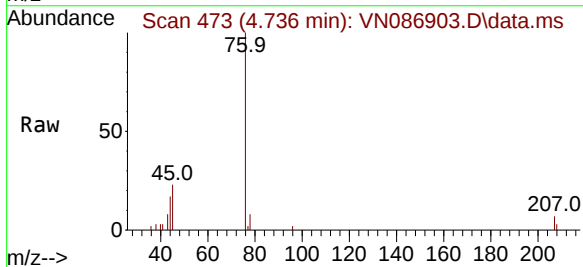
Acq: 09 Jun 2025 14:25

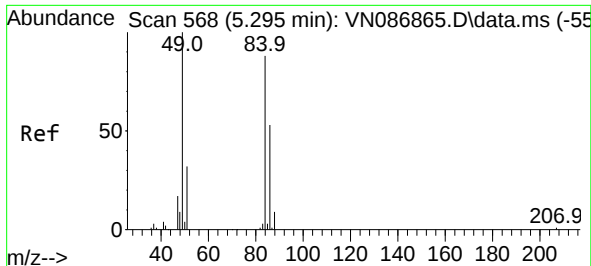
Tgt Ion: 76 Resp: 22072

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

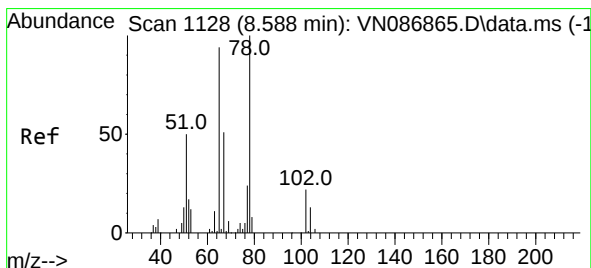
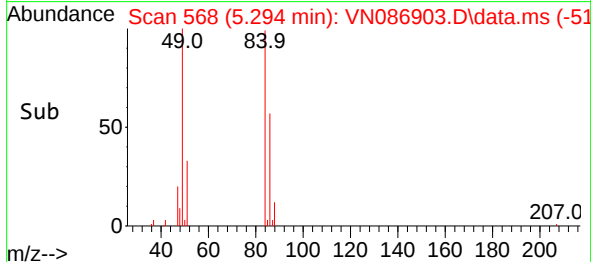
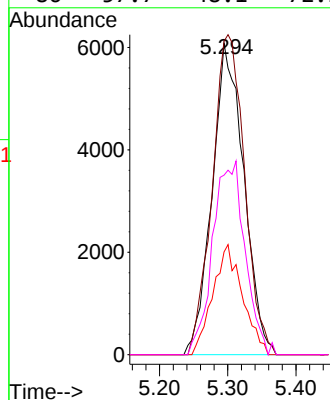
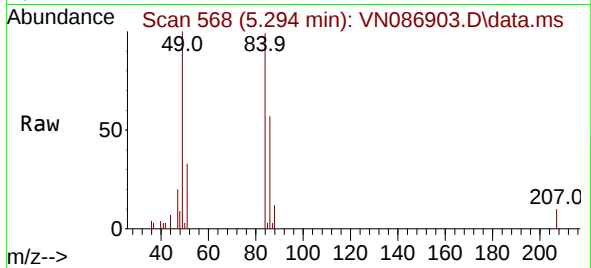




#20
Methylene Chloride
Concen: 3.658 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

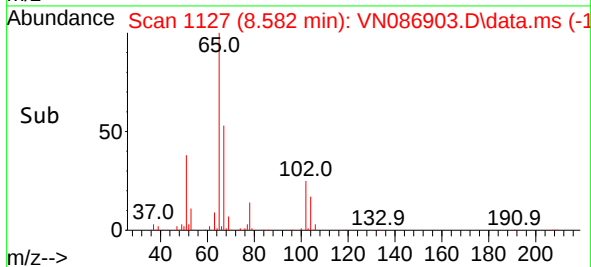
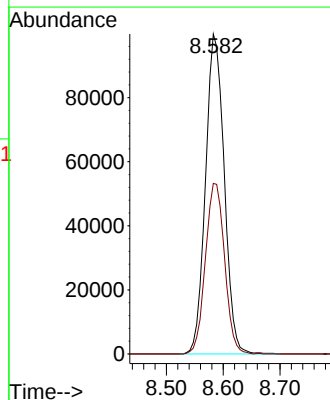
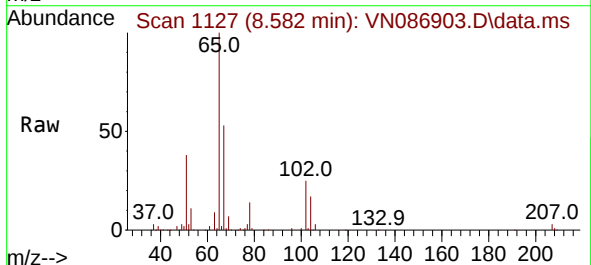
Instrument :
MSVOA_N
ClientSampleId :
SB-1

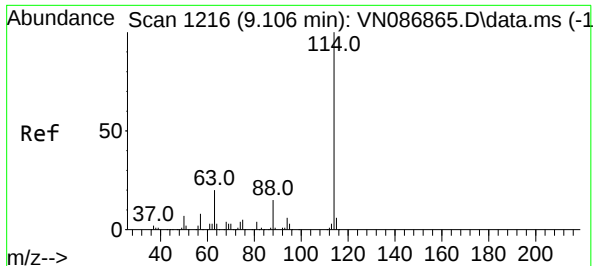
Tgt Ion:	84	Resp:	19653
Ion	Ratio	Lower	Upper
84	100		
49	100.7	90.5	135.7
51	33.0	28.5	42.7
86	57.7	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 42.227 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion:	65	Resp:	228526
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.6

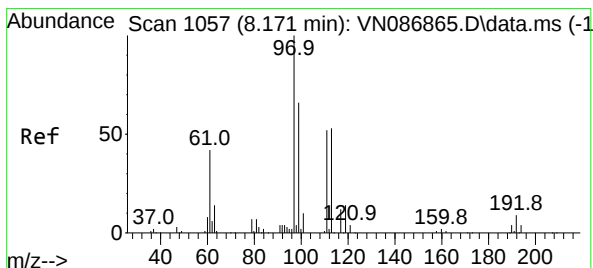
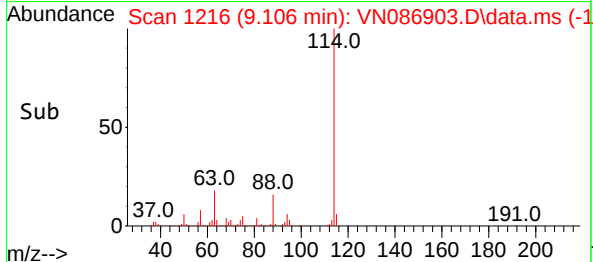
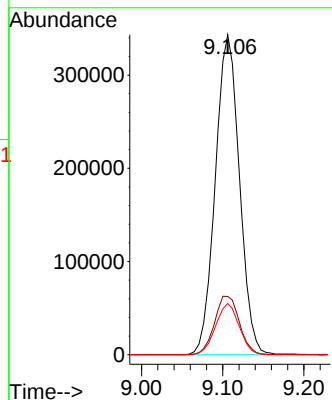
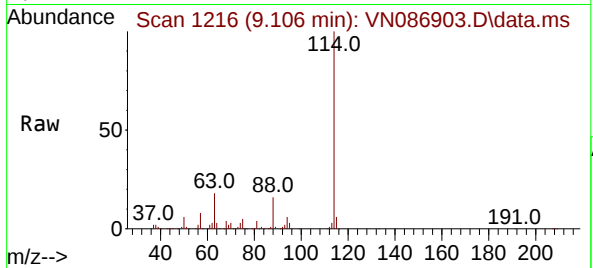




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

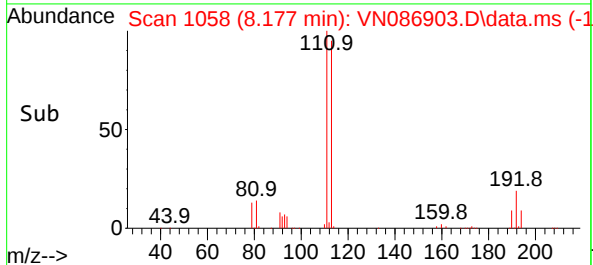
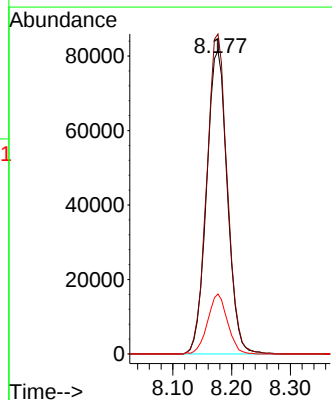
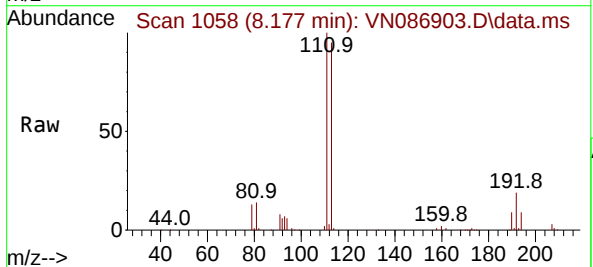
Instrument :
MSVOA_N
ClientSampleId :
SB-1

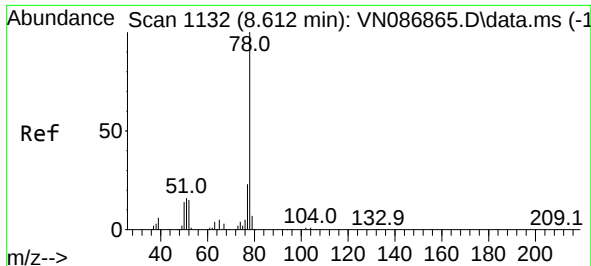
Tgt Ion:114 Resp: 709385
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 47.446 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion:113 Resp: 199463
Ion Ratio Lower Upper
113 100
111 104.3 84.2 126.2
192 18.9 14.2 21.4





#40

Benzene

Concen: 13.345 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086903.D

Acq: 09 Jun 2025 14:25

Instrument :

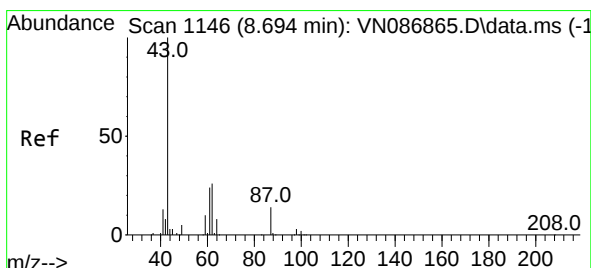
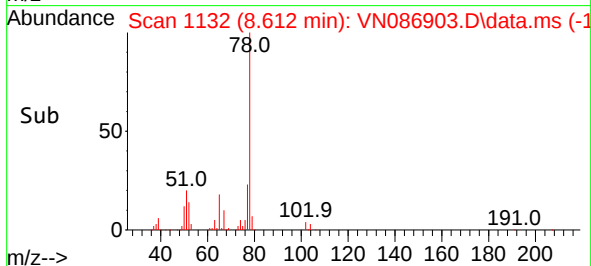
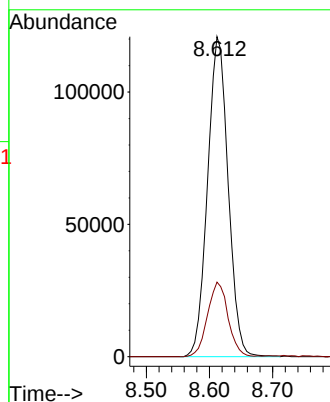
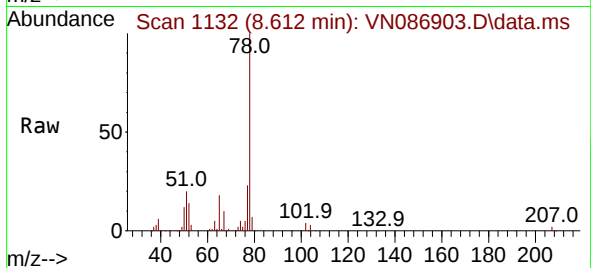
MSVOA_N

ClientSampleId :

SB-1

Tgt Ion: 78 Resp: 273368

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1



#43

Isopropyl Acetate

Concen: 2.454 ug/l

RT: 8.694 min Scan# 1146

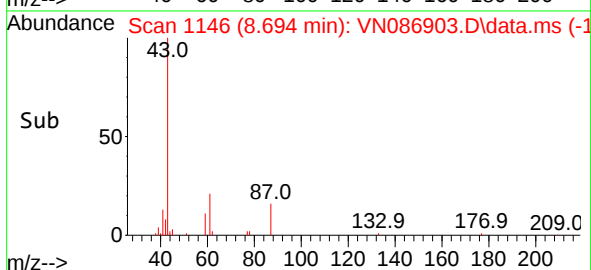
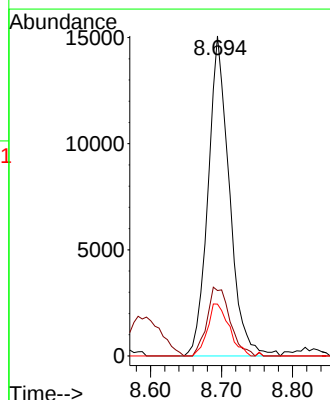
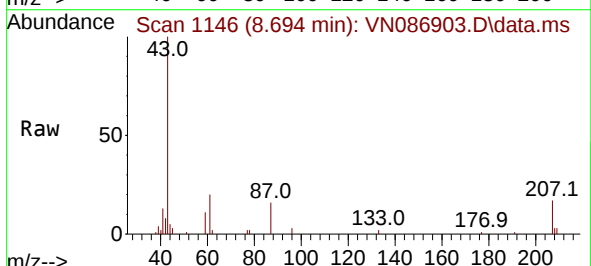
Delta R.T. -0.000 min

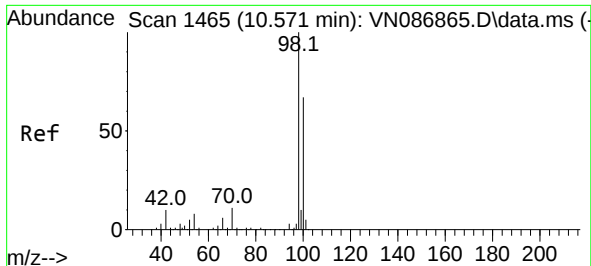
Lab File: VN086903.D

Acq: 09 Jun 2025 14:25

Tgt Ion: 43 Resp: 31404

Ion	Ratio	Lower	Upper
43	100		
61	23.3	22.1	33.1
87	16.6	11.8	17.6

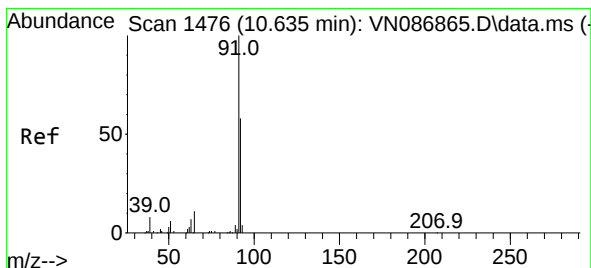
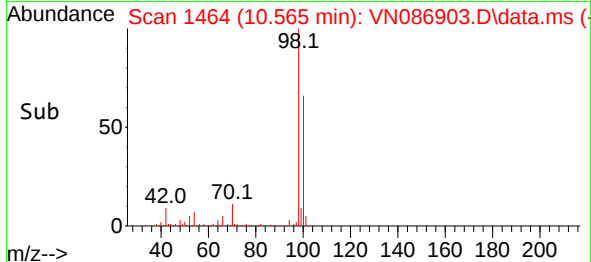
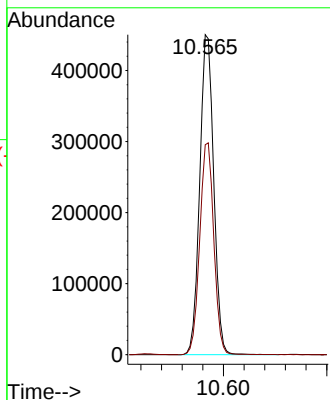
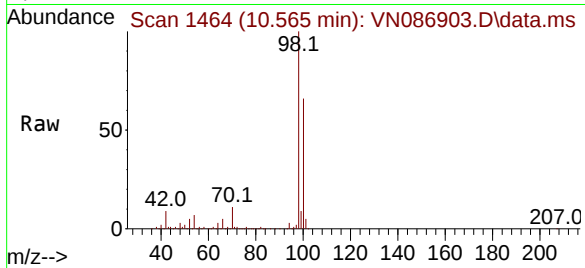




#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

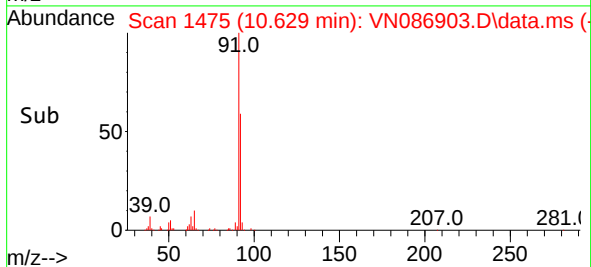
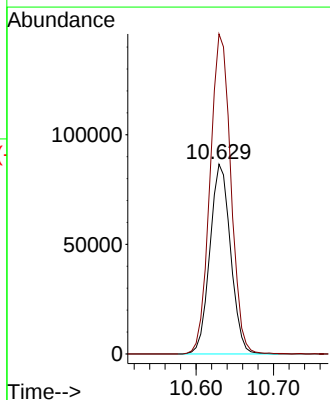
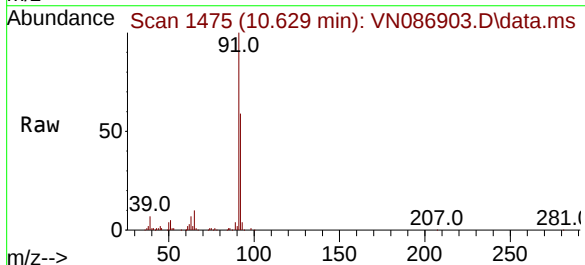
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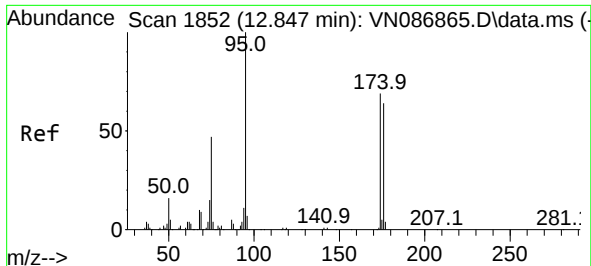
Tgt Ion: 98 Resp: 843736
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#52
Toluene
Concen: 12.813 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion: 92 Resp: 160408
Ion Ratio Lower Upper
92 100
91 170.0 136.5 204.7

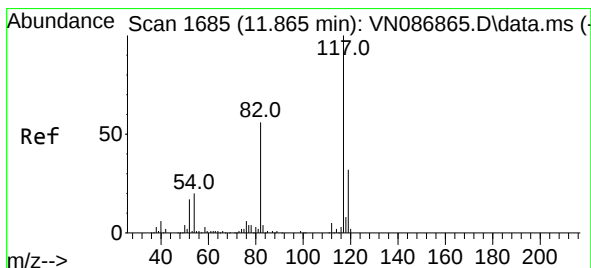
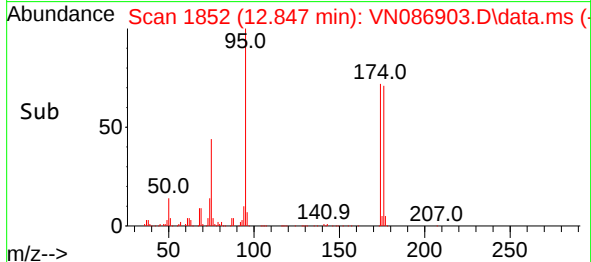
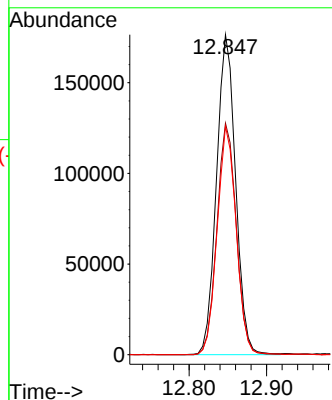
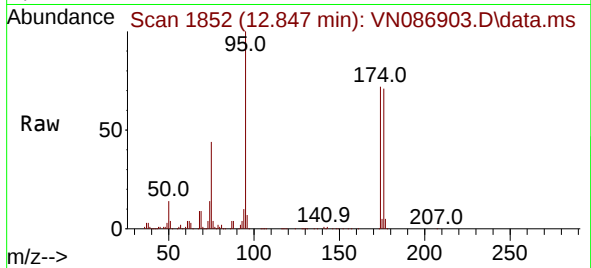




#62
4-Bromofluorobenzene
Concen: 48.935 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

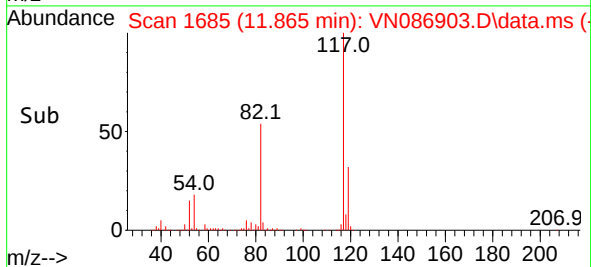
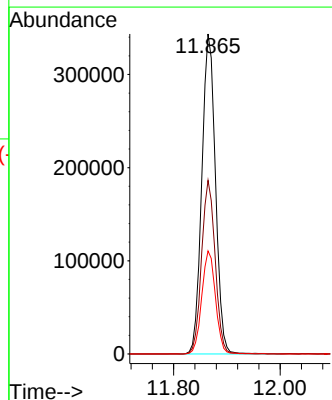
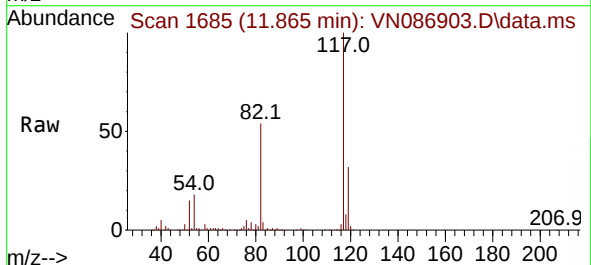
Instrument :
MSVOA_N
ClientSampleId :
SB-1

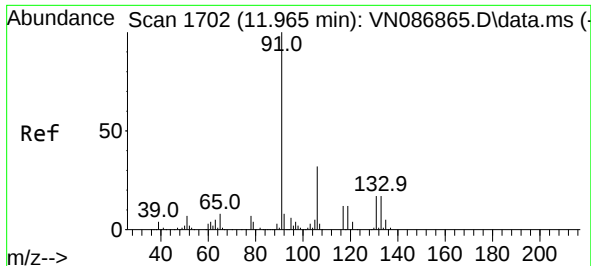
Tgt Ion: 95 Resp: 302575
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.8
176 70.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion: 117 Resp: 610140
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.2 25.5 38.3

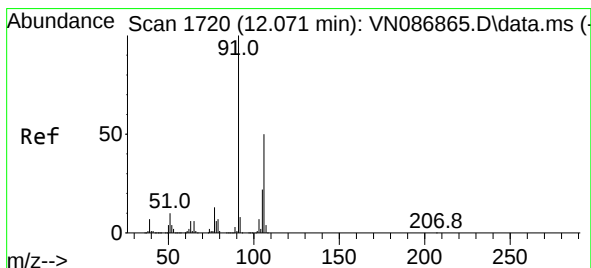
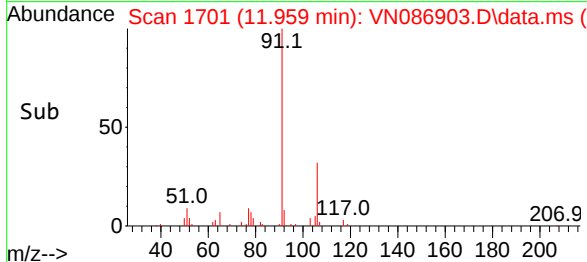
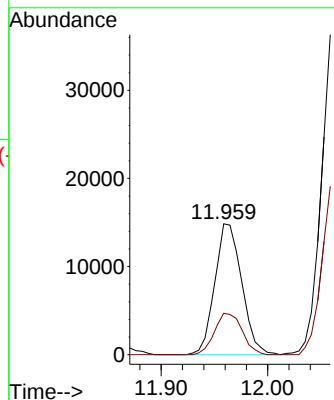
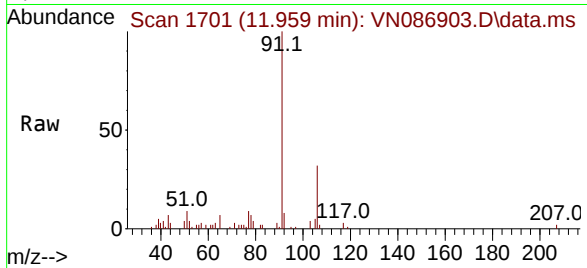




#67
Ethyl Benzene
Concen: 1.126 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

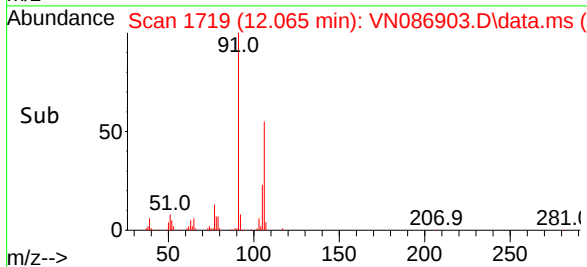
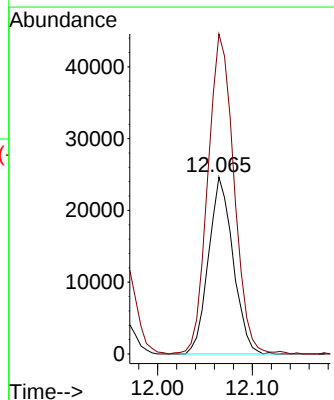
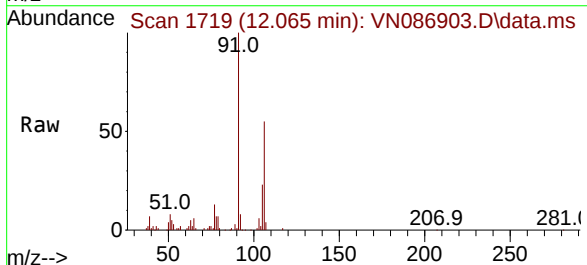
Instrument :
MSVOA_N
ClientSampleId :
SB-1

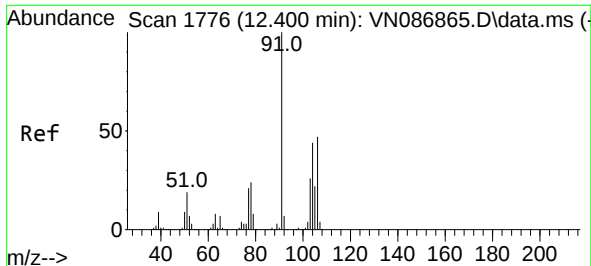
Tgt Ion: 91 Resp: 26103
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 4.983 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion: 106 Resp: 44211
Ion Ratio Lower Upper
106 100
91 193.1 159.4 239.0

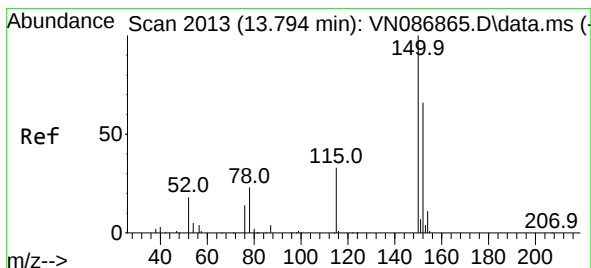
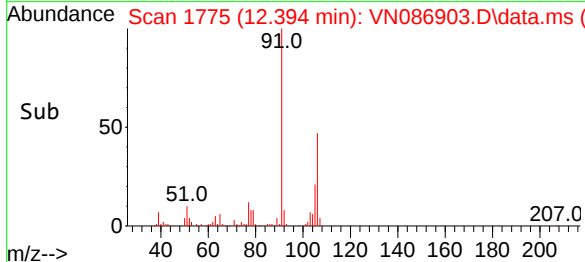
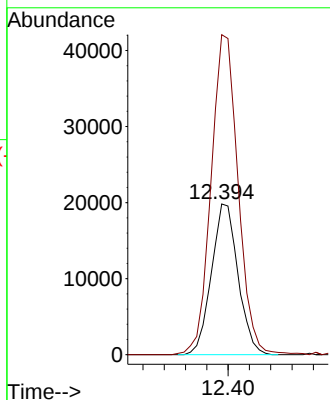
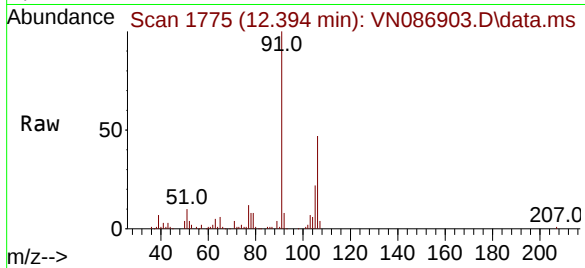




#69
o-Xylene
Concen: 4.033 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

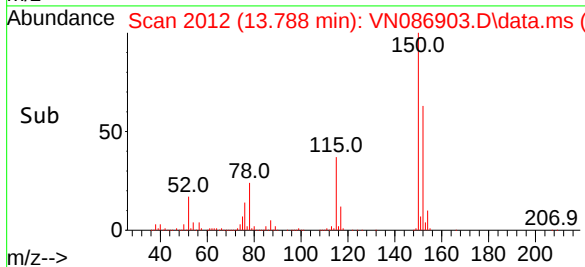
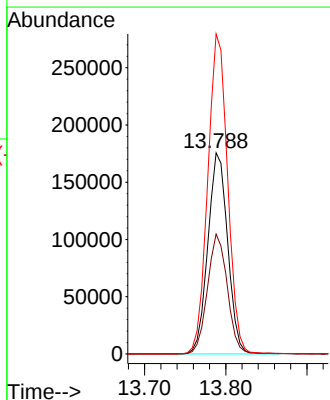
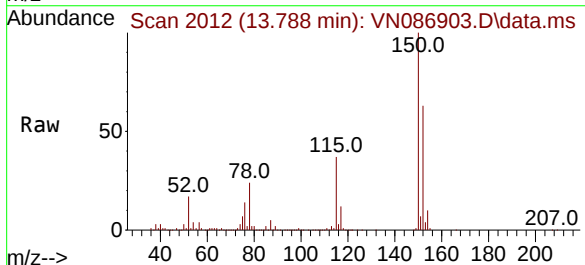
Instrument :
MSVOA_N
ClientSampleId :
SB-1

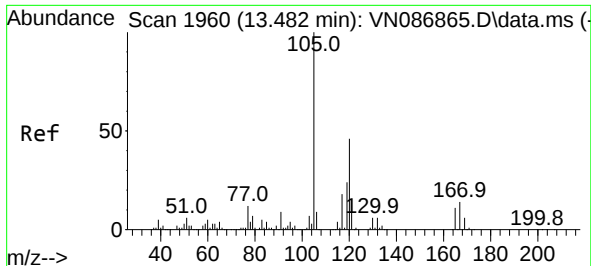
Tgt Ion:106 Resp: 34276
Ion Ratio Lower Upper
106 100
91 216.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion:152 Resp: 297993
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.5
150 159.5 0.0 345.0

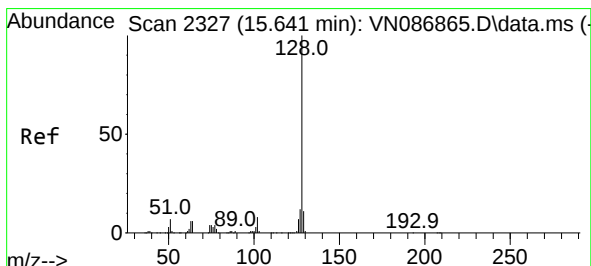
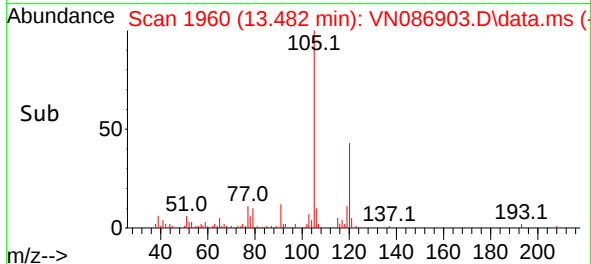
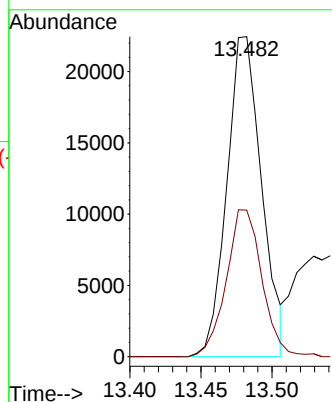
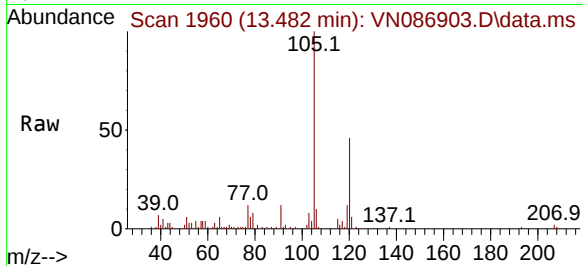




#84
1,2,4-Trimethylbenzene
Concen: 2.126 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:105 Resp: 38218
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6



#95
Naphthalene
Concen: 96.254 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086903.D
Acq: 09 Jun 2025 14:25

Tgt Ion:128 Resp: 2153008
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2

