

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083726.D
 Acq On : 09 Sep 2024 19:00
 Operator : JC\MD
 Sample : P3827-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03D-489.5-090324RE

Quant Time: Sep 10 02:15:44 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)

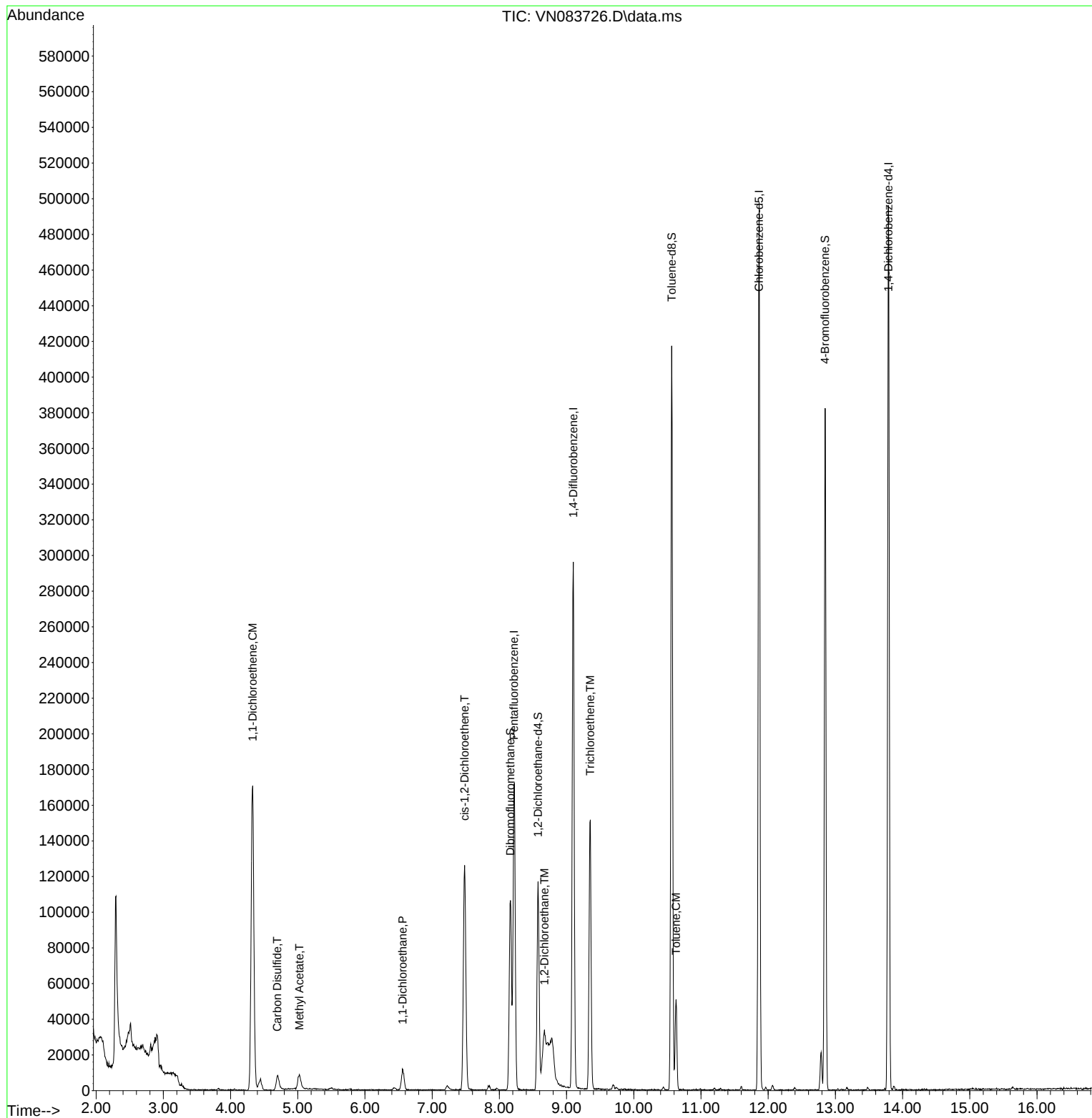
Internal Standards						
1) Pentafluorobenzene	8.218	168	117055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97248	59.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.880%	
35) Dibromofluoromethane	8.165	113	78190	52.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	10.565	98	278106	48.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.847	95	130410	60.868	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.740%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.330	96	96732	75.433	ug/l	90
17) Carbon Disulfide	4.695	76	19149	5.124	ug/l #	94
18) Methyl Acetate	5.024	43	17392	10.024	ug/l	98
24) 1,1-Dichloroethane	6.559	63	17029	6.624	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	72736	45.633	ug/l	89
42) 1,2-Dichloroethane	8.671	62	9618	3.723	ug/l	97
44) Trichloroethene	9.353	130	52661	31.413	ug/l	92
52) Toluene	10.629	92	21511	4.935	ug/l	96

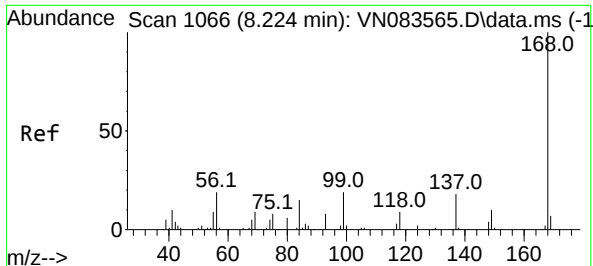
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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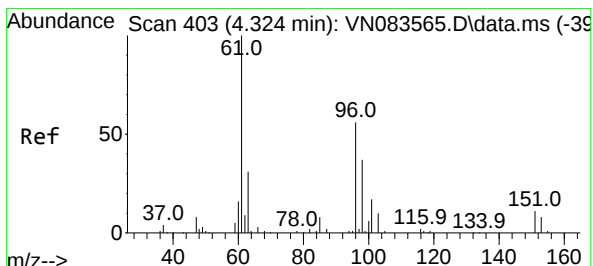
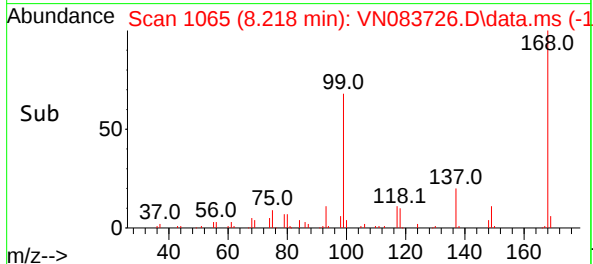
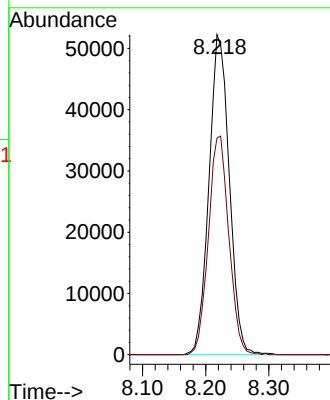
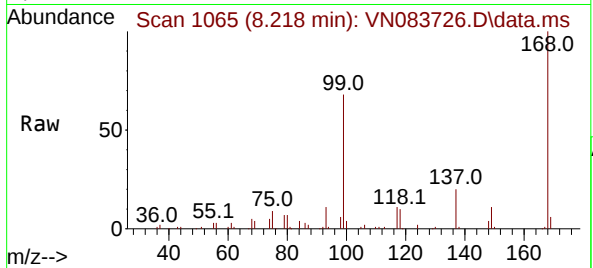




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

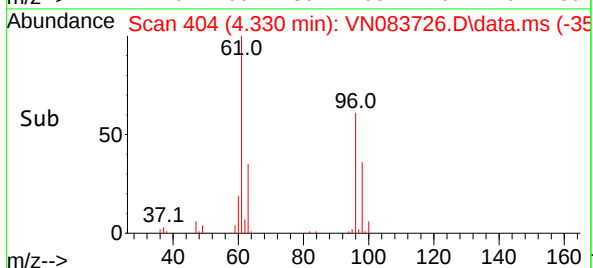
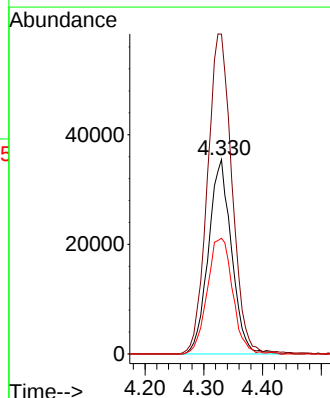
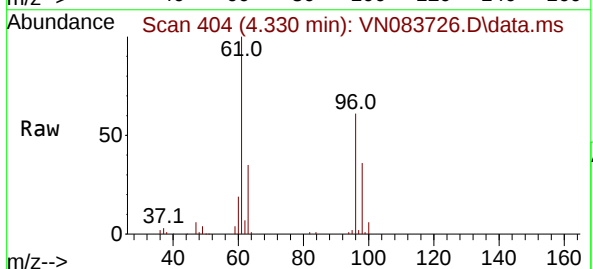
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-489.5-090324RE

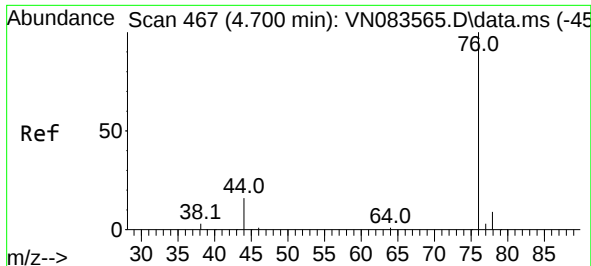
Tgt Ion:168 Resp: 117055
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#12
1,1-Dichloroethene
Concen: 75.433 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Tgt Ion: 96 Resp: 96732
Ion Ratio Lower Upper
96 100
61 164.5 143.4 215.0
98 59.5 52.7 79.1

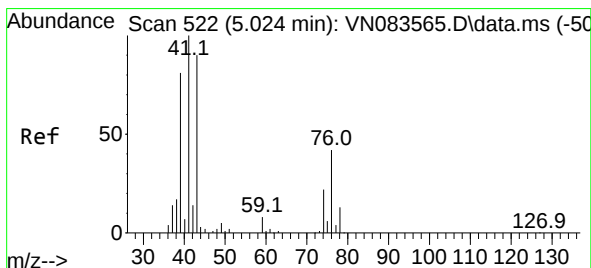
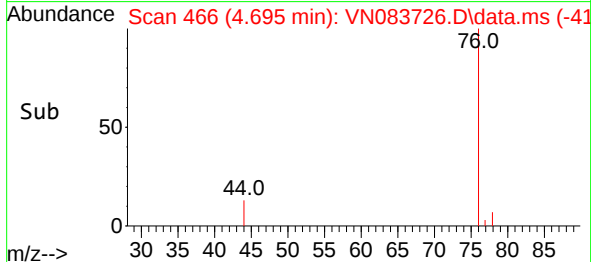
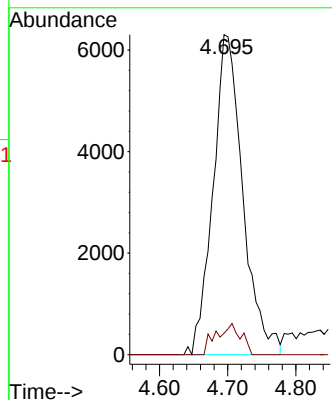
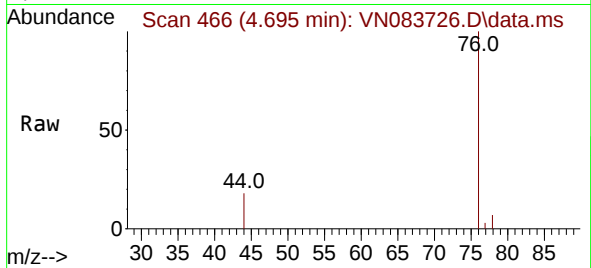




#17
Carbon Disulfide
Concen: 5.124 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

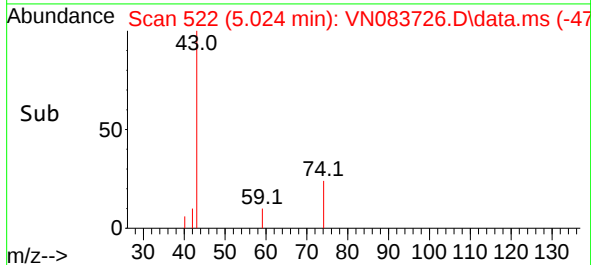
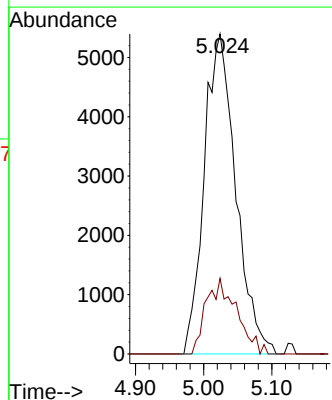
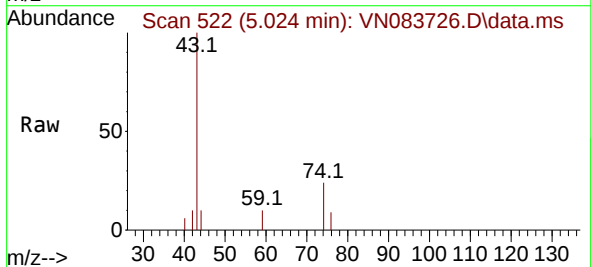
Instrument :
MSVOA_N
ClientSampleId :
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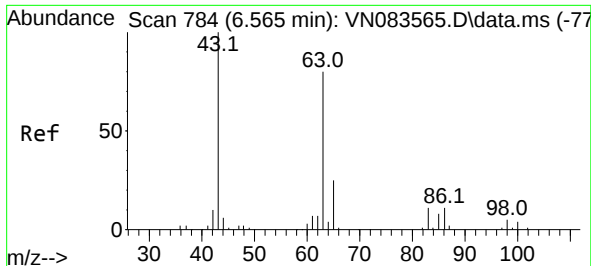
Tgt Ion: 76 Resp: 19149
Ion Ratio Lower Upper
76 100
78 6.7 7.1 10.7#



#18
Methyl Acetate
Concen: 10.024 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Tgt Ion: 43 Resp: 17392
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4

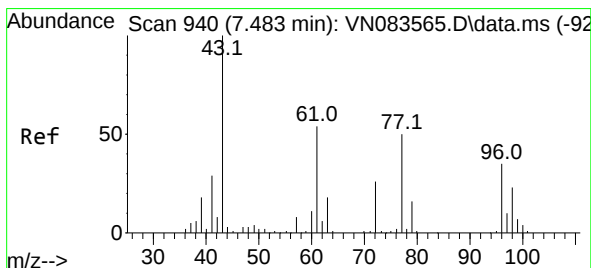
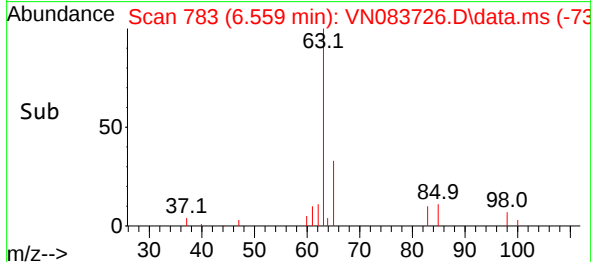
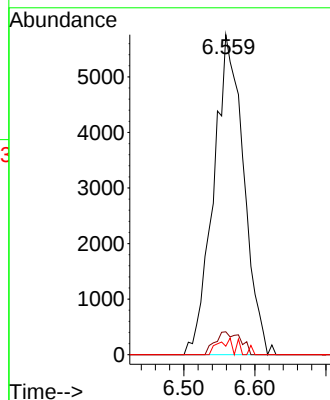
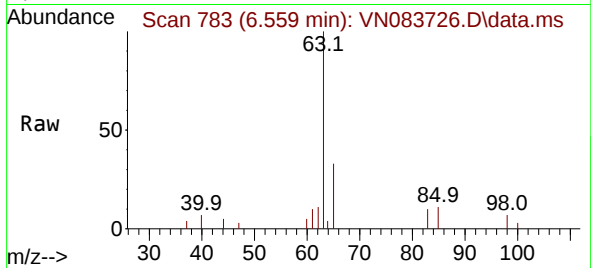




#24
1,1-Dichloroethane
Concen: 6.624 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

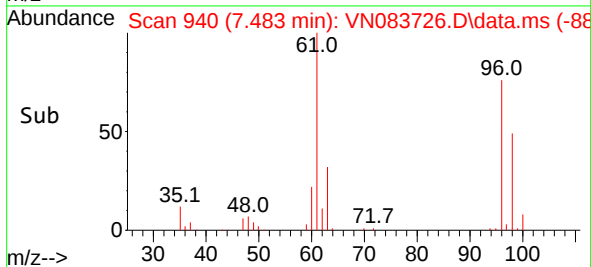
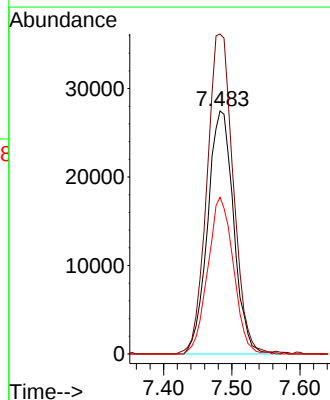
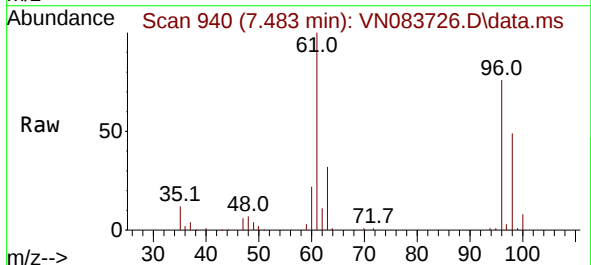
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-489.5-090324RE

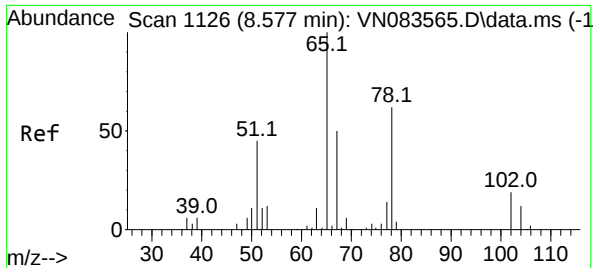
Tgt Ion:	63	Resp:	17029
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.5	10.4
100	2.7	2.5	7.5



#27
cis-1,2-Dichloroethene
Concen: 45.633 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Tgt Ion:	96	Resp:	72736
Ion Ratio	Lower	Upper	
96	100		
61	133.2	0.0	306.2
98	63.7	0.0	128.6





#33

1,2-Dichloroethane-d4

Concen: 59.444 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083726.D

Acq: 09 Sep 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

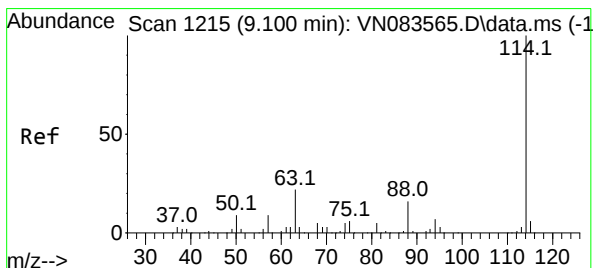
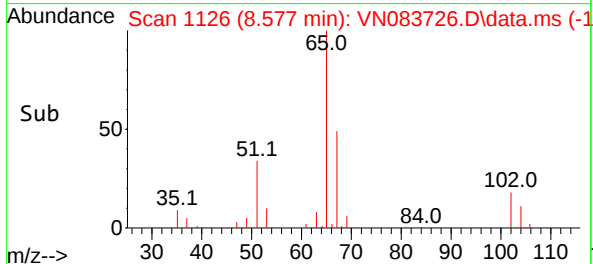
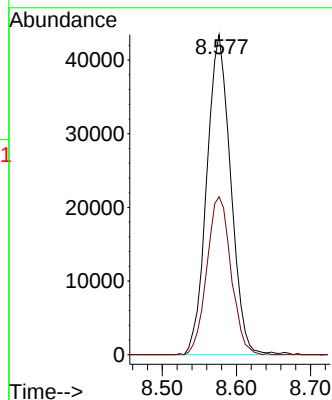
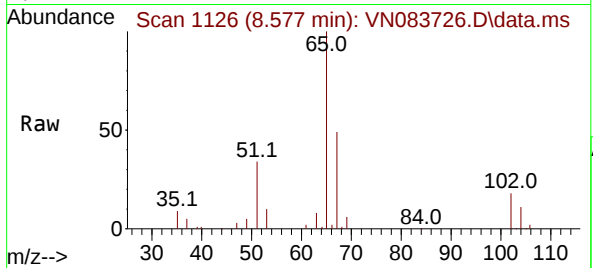
BR-03D-489.5-090324RE

Tgt Ion: 65 Resp: 97248

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083726.D

Acq: 09 Sep 2024 19:00

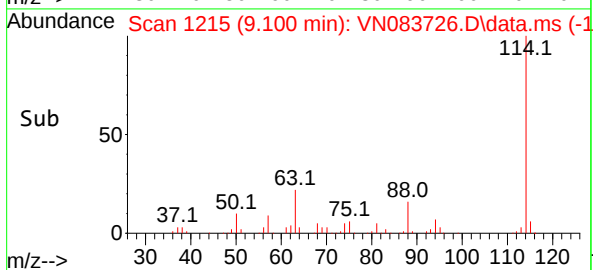
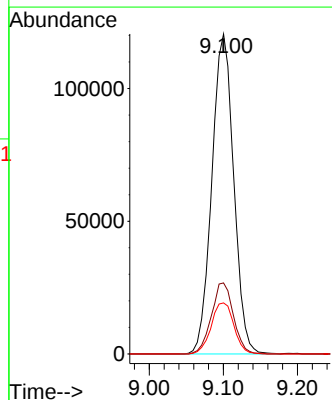
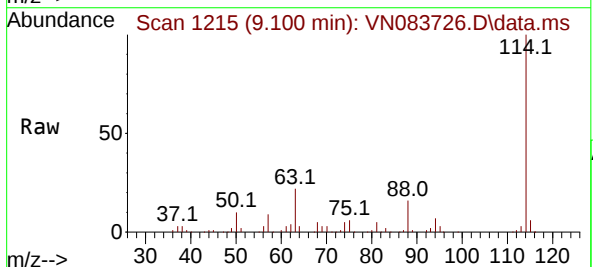
Tgt Ion: 114 Resp: 246762

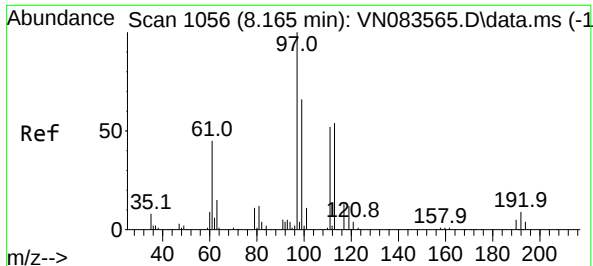
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.9 0.0 32.6

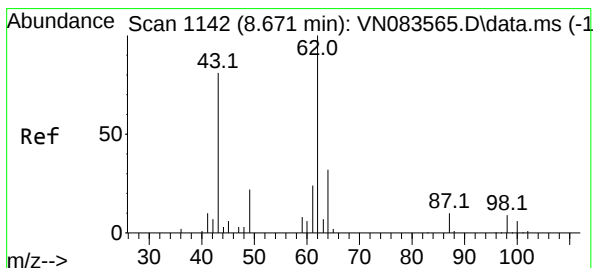
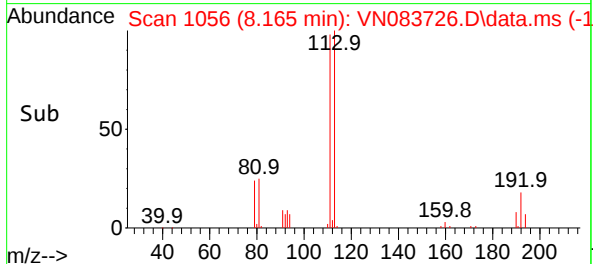
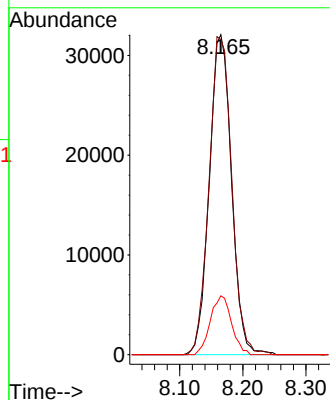
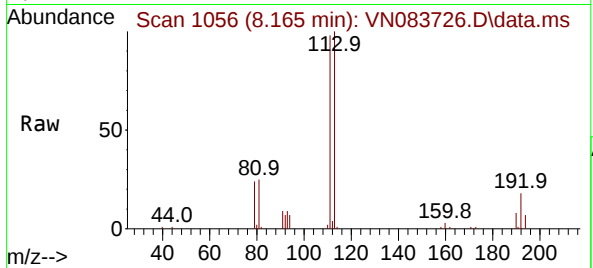




#35
 Dibromofluoromethane
 Concen: 52.646 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN083726.D
 Acq: 09 Sep 2024 19:00

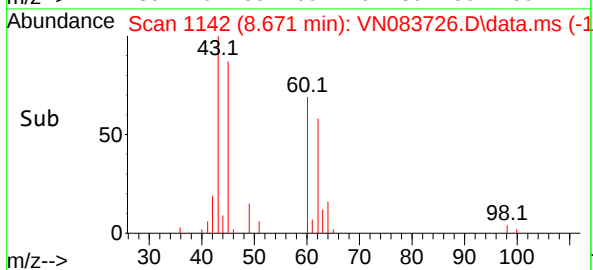
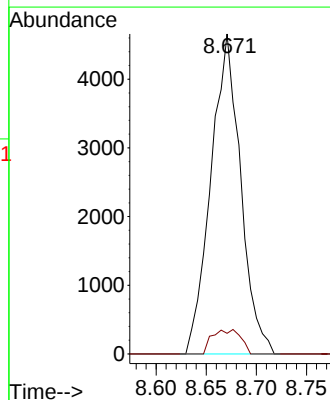
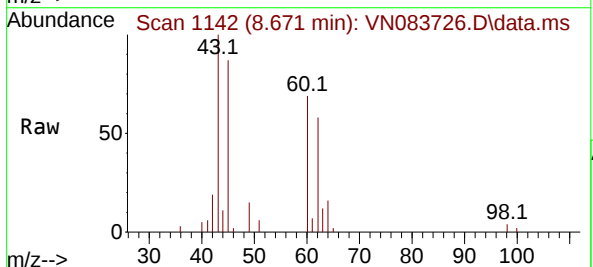
Instrument :
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 BR-03D-489.5-090324RE

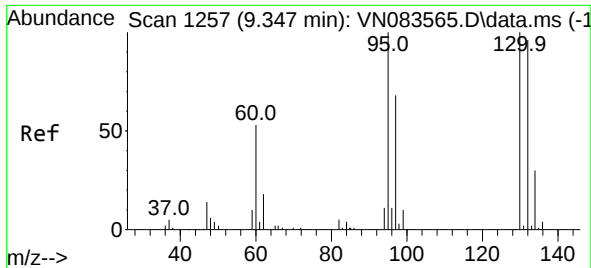
Tgt Ion:113 Resp: 78190
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 17.6 14.3 21.5



#42
 1,2-Dichloroethane
 Concen: 3.723 ug/l
 RT: 8.671 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VN083726.D
 Acq: 09 Sep 2024 19:00

Tgt Ion: 62 Resp: 9618
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 16.6





#44

Trichloroethene

Concen: 31.413 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083726.D

Acq: 09 Sep 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

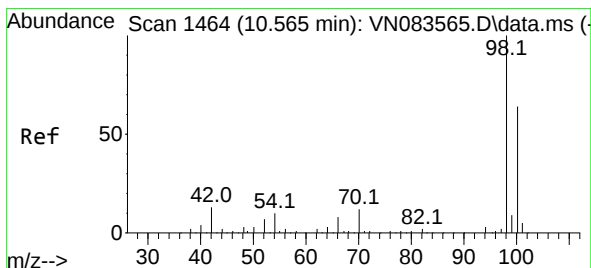
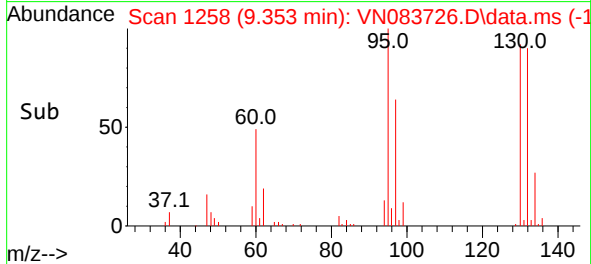
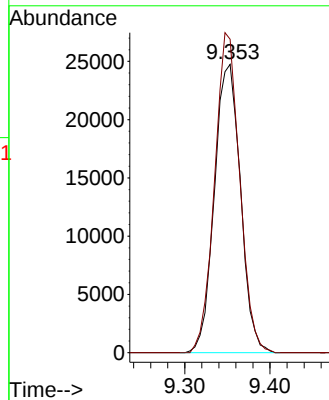
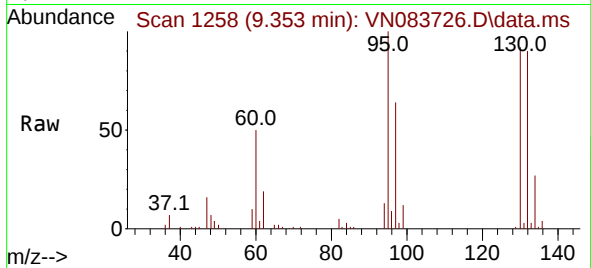
BR-03D-489.5-090324RE

Tgt Ion:130 Resp: 52661

Ion Ratio Lower Upper

130 100

95 108.7 0.0 200.4



#50

Toluene-d8

Concen: 48.075 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083726.D

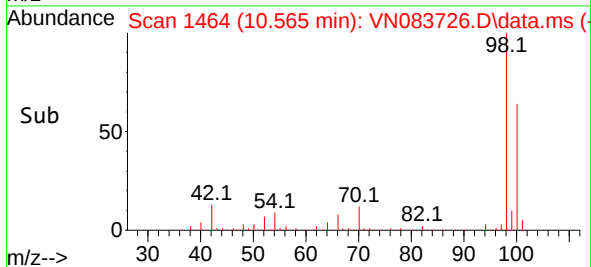
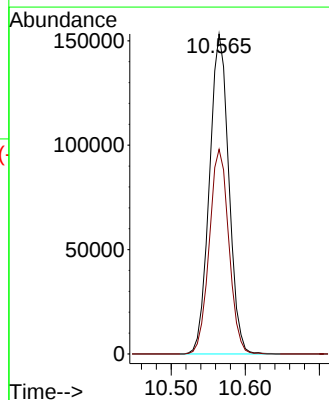
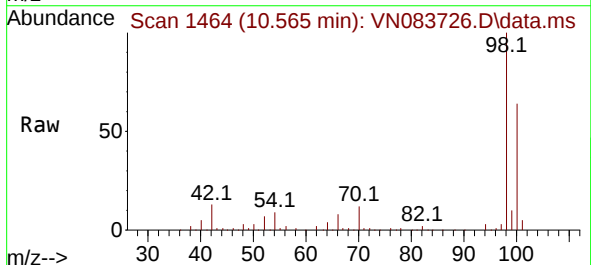
Acq: 09 Sep 2024 19:00

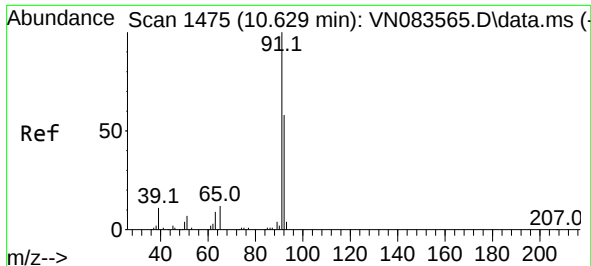
Tgt Ion: 98 Resp: 278106

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

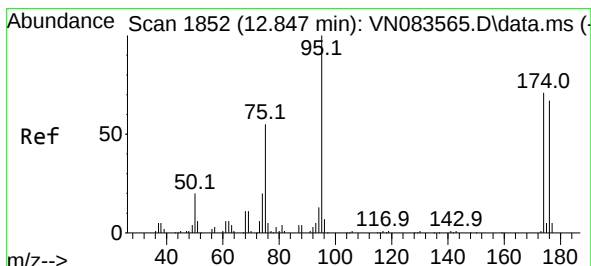
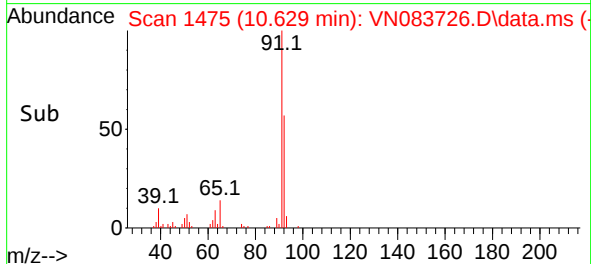
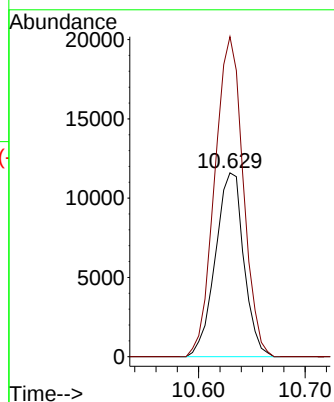
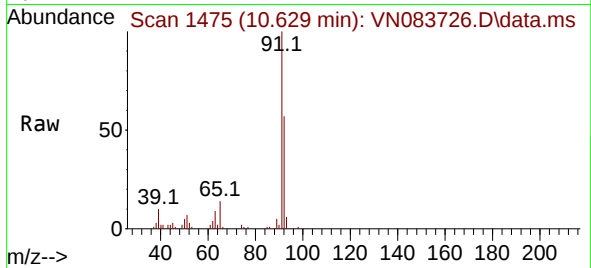




#52
Toluene
Concen: 4.935 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

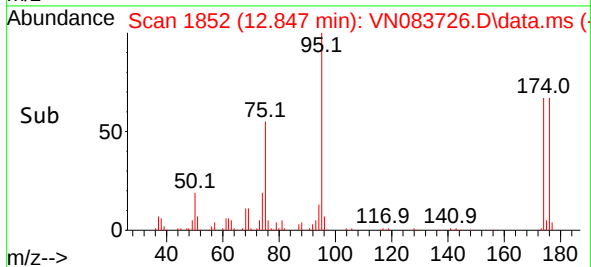
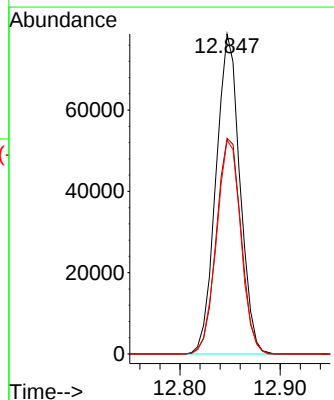
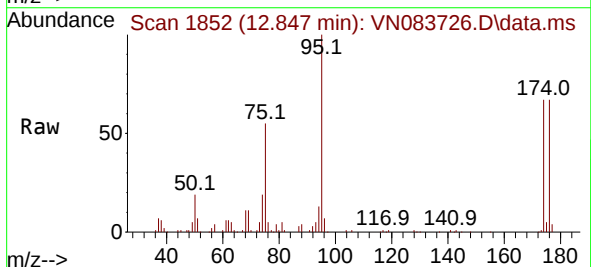
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-489.5-090324RE

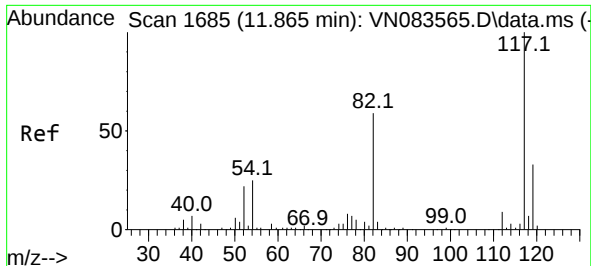
Tgt Ion: 92 Resp: 21511
Ion Ratio Lower Upper
92 100
91 174.1 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 60.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Tgt Ion: 95 Resp: 130410
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 68.0 0.0 131.4

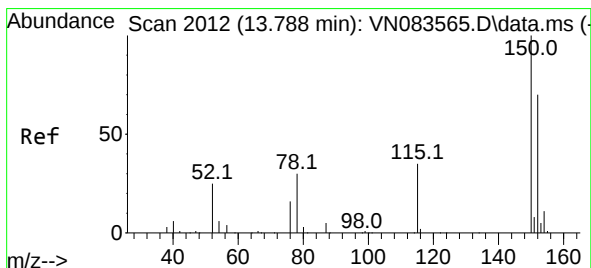
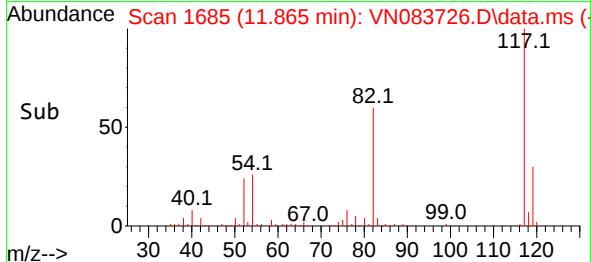
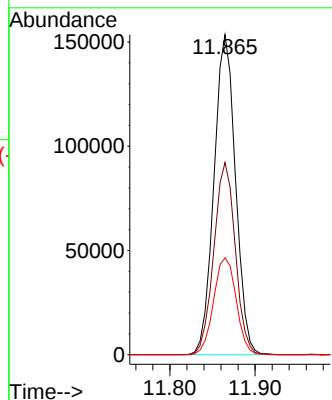
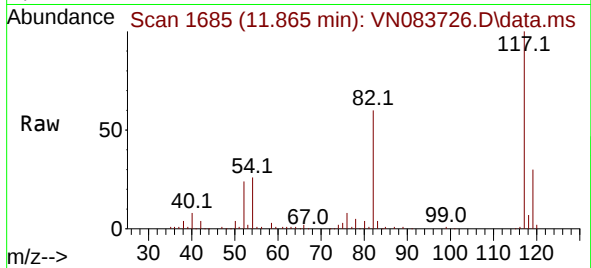




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
BR-03D-489.5-090324RE

Tgt Ion:117 Resp: 269236
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 30.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083726.D
Acq: 09 Sep 2024 19:00

Tgt Ion:152 Resp: 126683
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 160.2 0.0 348.6

