

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083363.D
 Acq On : 16 Aug 2024 18:53
 Operator : JC\MD
 Sample : P3629-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2

Quant Time: Aug 17 01:54:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

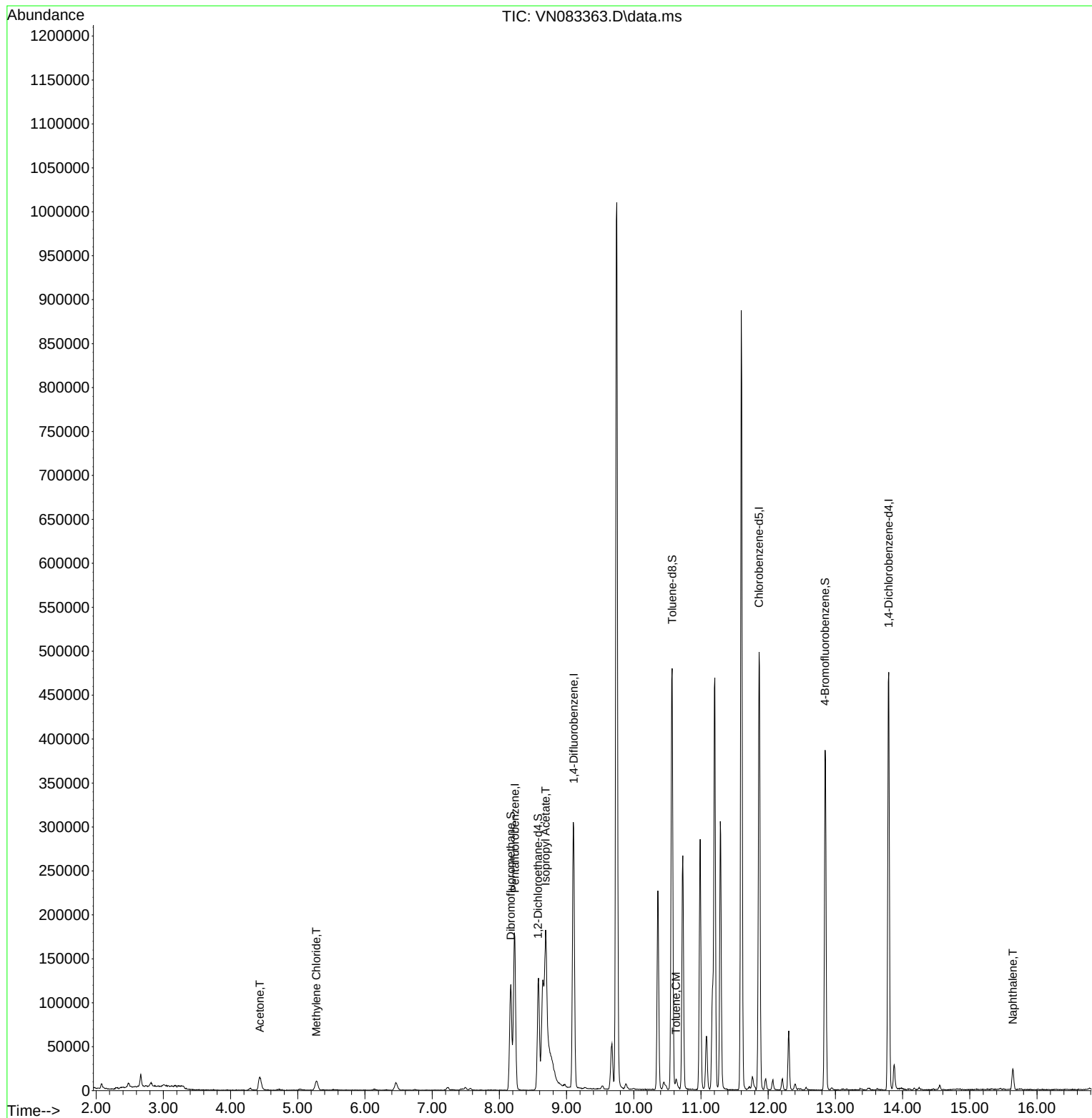
Internal Standards						
1) Pentafluorobenzene	8.230	168	122933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107917	61.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.340%	
35) Dibromofluoromethane	8.171	113	86797	54.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.840%	
50) Toluene-d8	10.571	98	326115	55.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.620%	
62) 4-Bromofluorobenzene	12.847	95	137295	59.731	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	30222	44.139	ug/l	99
20) Methylene Chloride	5.277	84	8175	5.188	ug/l	84
43) Isopropyl Acetate	8.688	43	400756	90.165	ug/l #	72
52) Toluene	10.629	92	5307	1.179	ug/l	94
95) Naphthalene	15.641	128	22425	2.677	ug/l	99

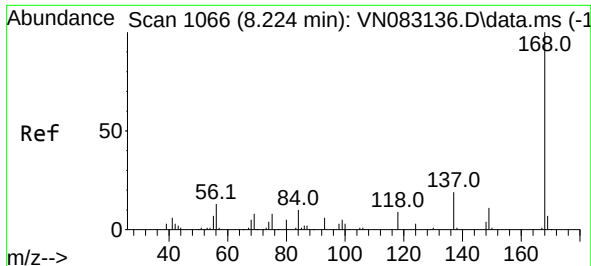
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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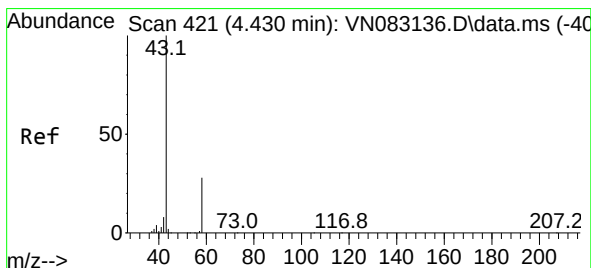
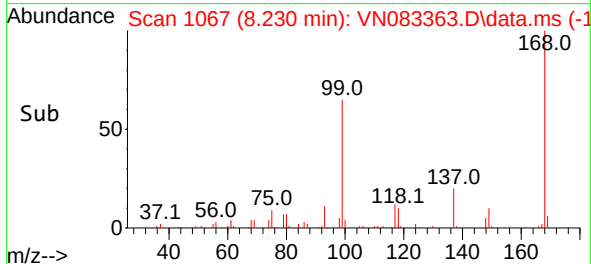
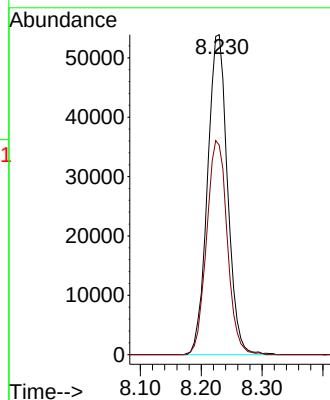
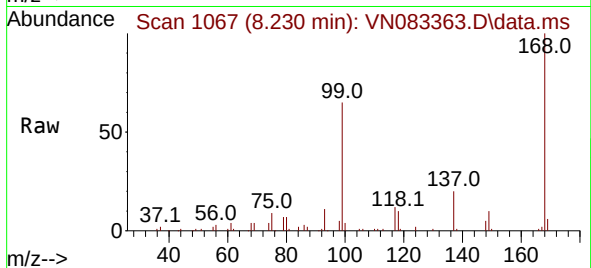




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

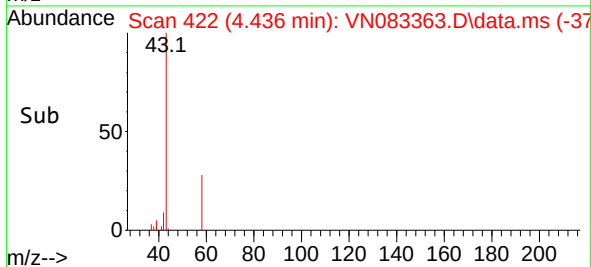
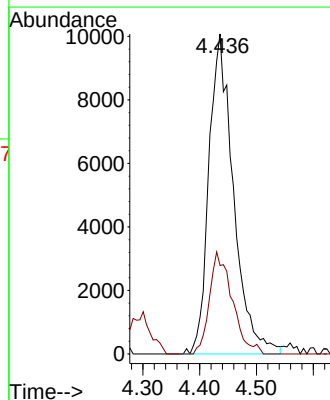
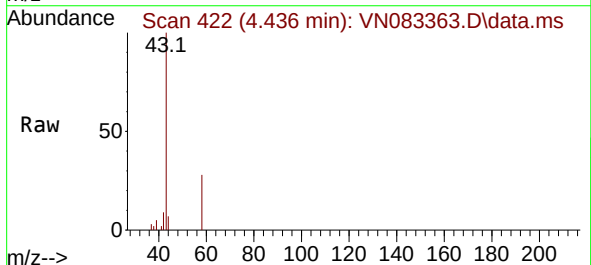
Instrument :
MSVOA_N
ClientSampleId :
SB-2

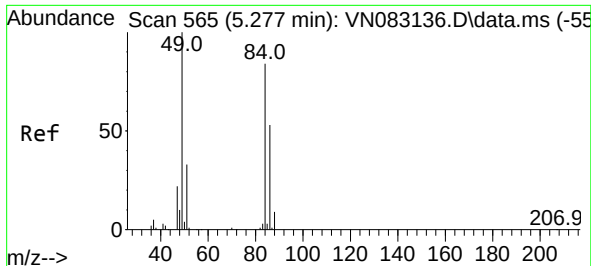
Tgt Ion:168 Resp: 122933
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#16
Acetone
Concen: 44.139 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Tgt Ion: 43 Resp: 30222
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.6

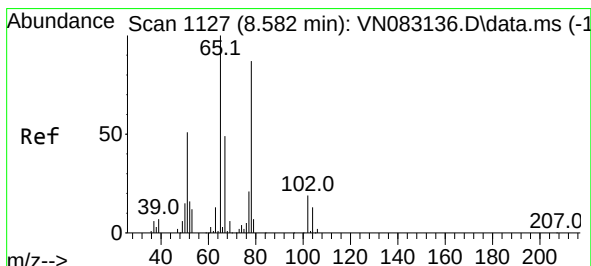
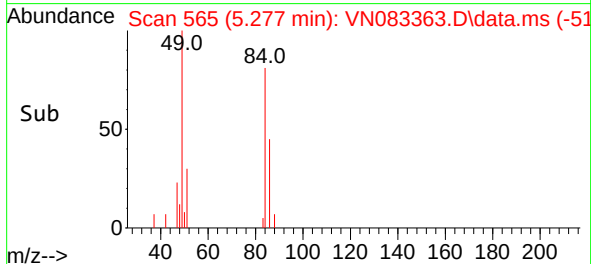
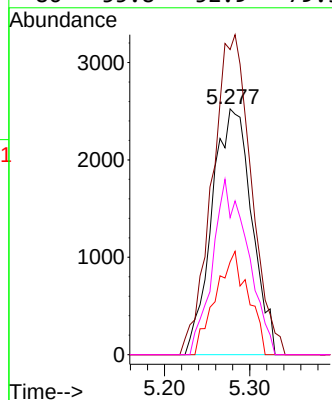
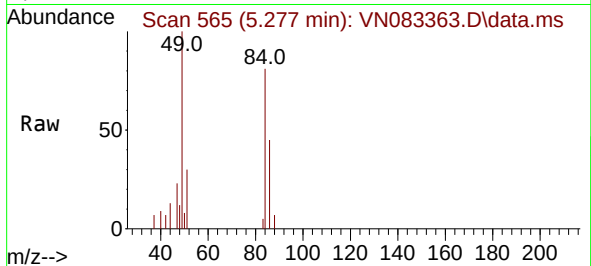




#20
Methylene Chloride
Concen: 5.188 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

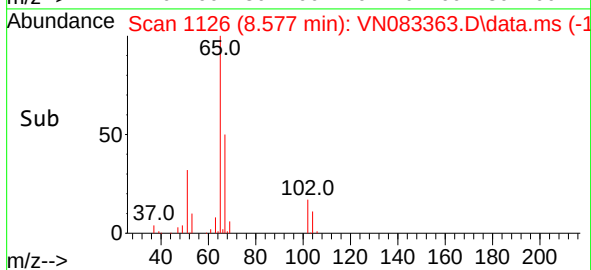
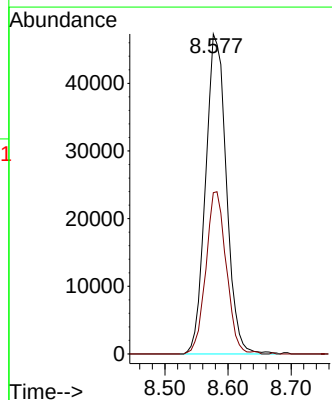
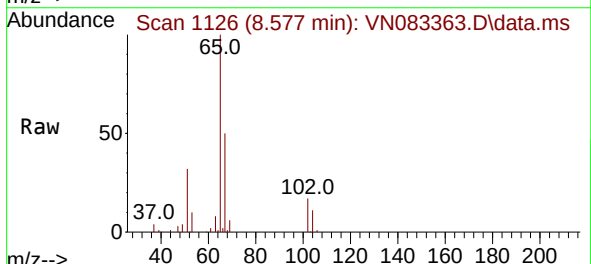
Instrument :
MSVOA_N
ClientSampleId :
SB-2

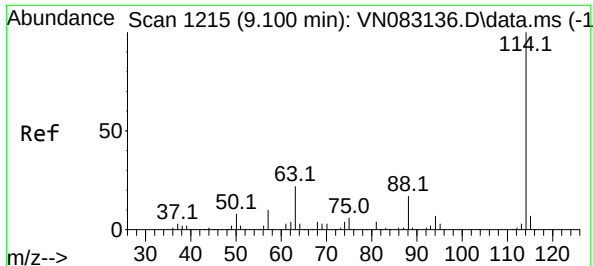
Tgt Ion:	84	Resp:	8175
Ion	Ratio	Lower	Upper
84	100		
49	124.2	119.6	179.4
51	37.8	34.8	52.2
86	55.8	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 61.673 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Tgt Ion:	65	Resp:	107917
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083363.D

Acq: 16 Aug 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

SB-2

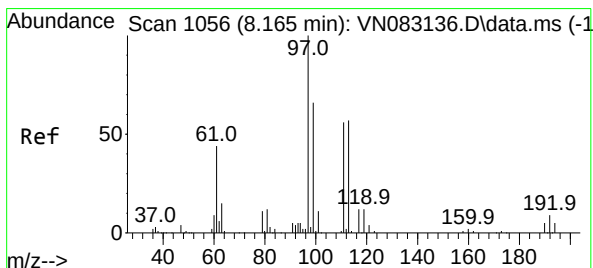
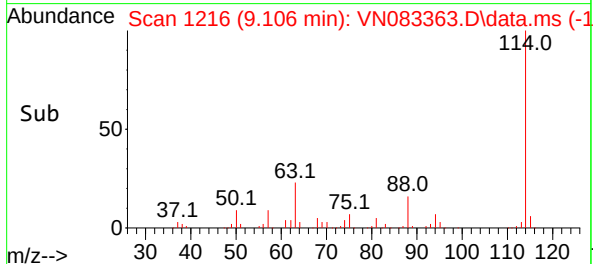
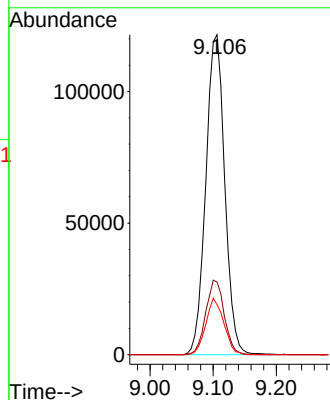
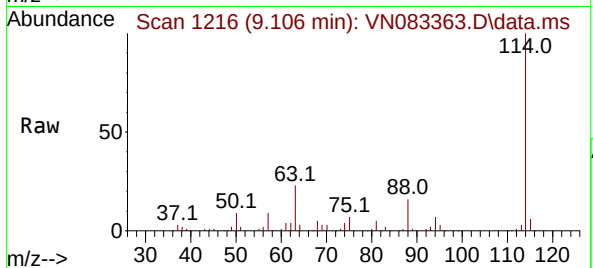
Tgt Ion:114 Resp: 253222

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.915 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083363.D

Acq: 16 Aug 2024 18:53

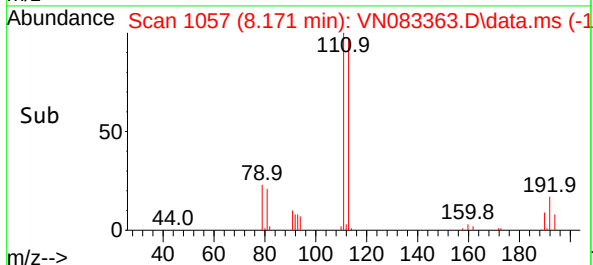
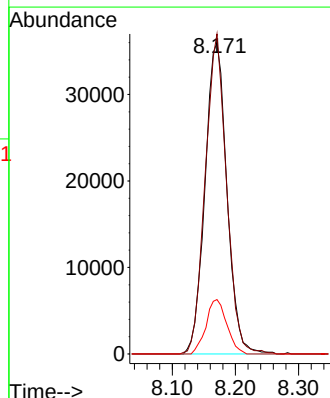
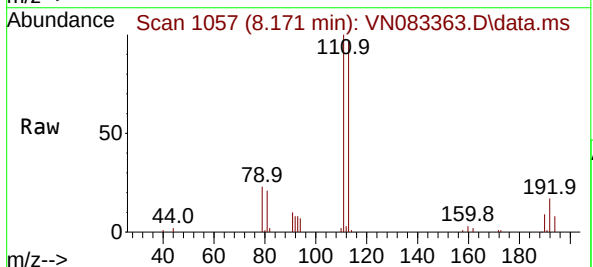
Tgt Ion:113 Resp: 86797

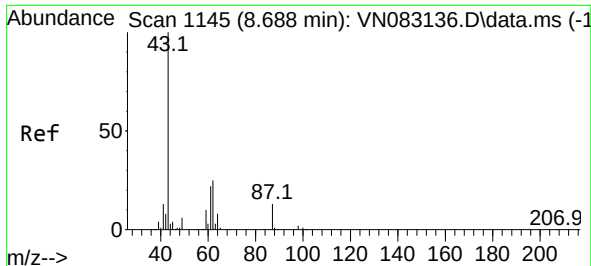
Ion Ratio Lower Upper

113 100

111 99.6 82.4 123.6

192 16.5 14.9 22.3

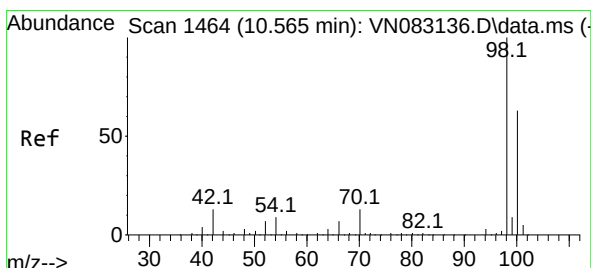
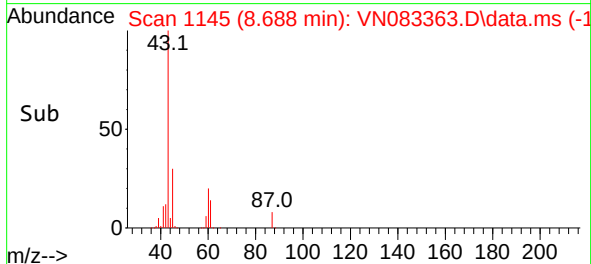
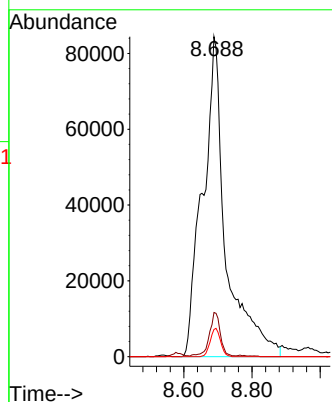
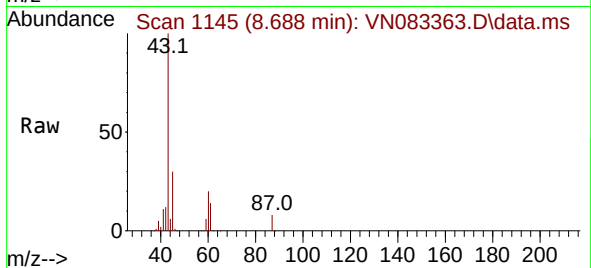




#43
Isopropyl Acetate
Concen: 90.165 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

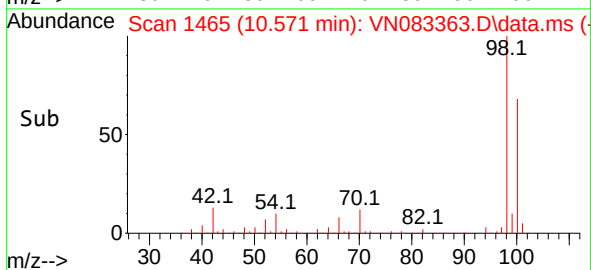
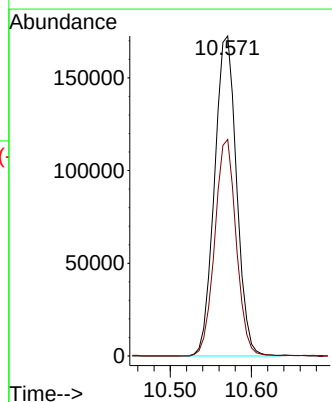
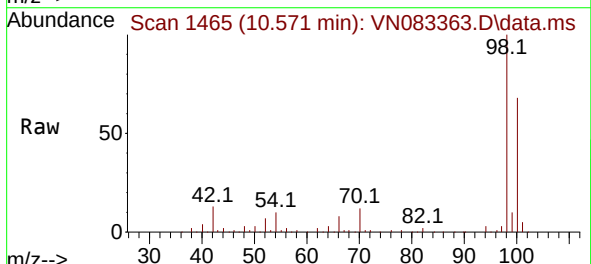
Instrument :
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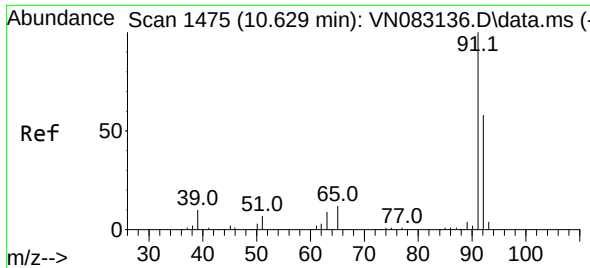
Tgt Ion: 43 Resp: 400756
Ion Ratio Lower Upper
43 100
61 6.4 17.8 26.6#
87 3.9 8.2 12.2#



#50
Toluene-d8
Concen: 55.313 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Tgt Ion: 98 Resp: 326115
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3

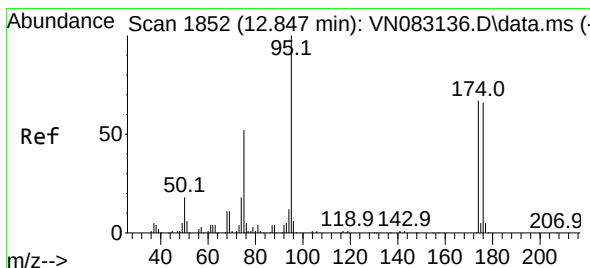
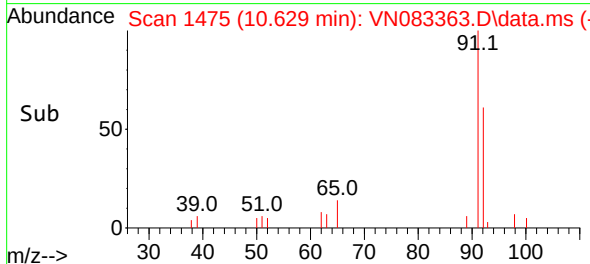
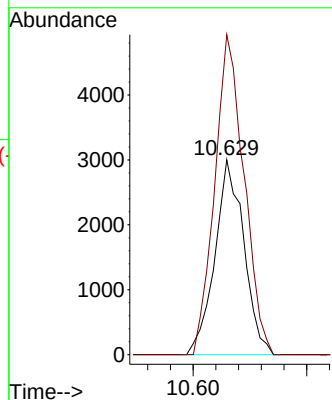
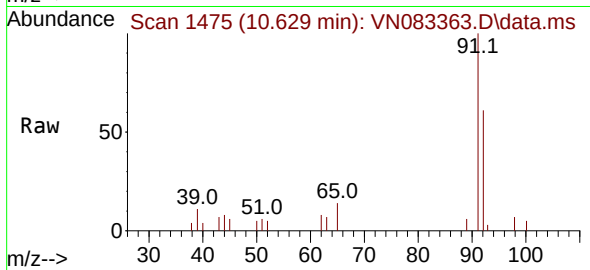




#52
Toluene
Concen: 1.179 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

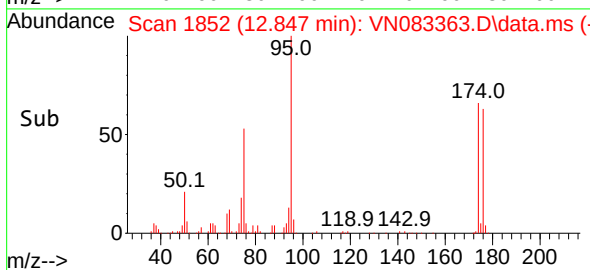
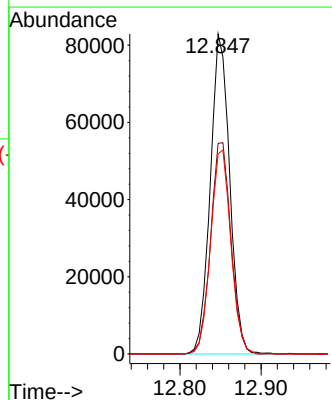
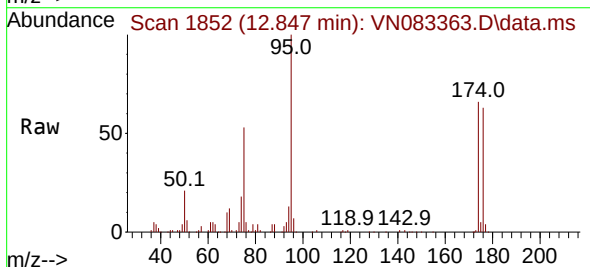
Instrument :
MSVOA_N
ClientSampleId :
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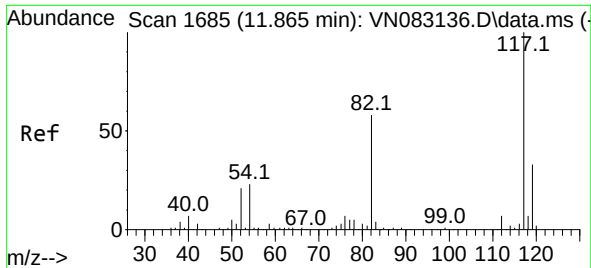
Tgt Ion: 92 Resp: 5307
Ion Ratio Lower Upper
92 100
91 166.5 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 59.731 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Tgt Ion: 95 Resp: 137295
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.7 0.0 147.6

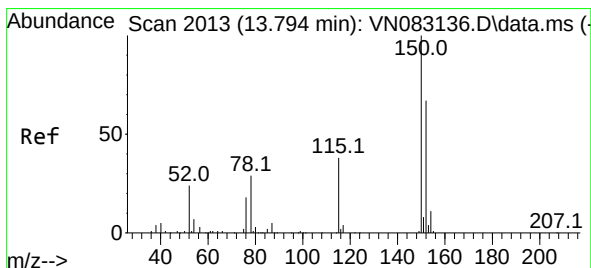
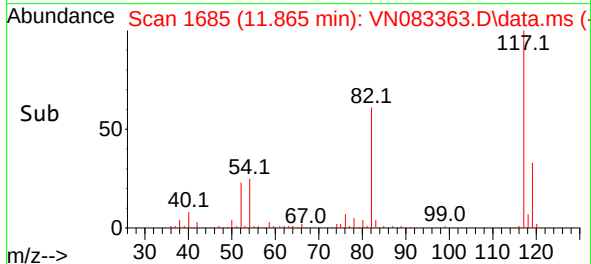
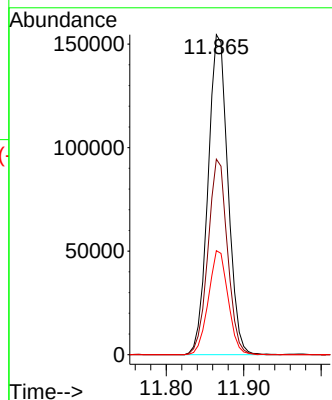
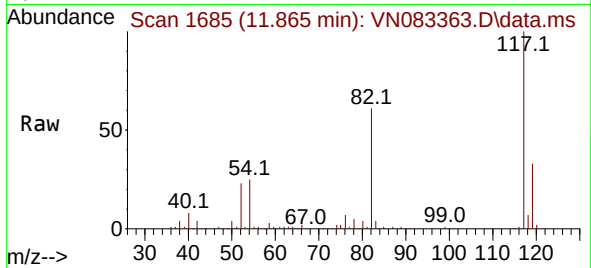




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

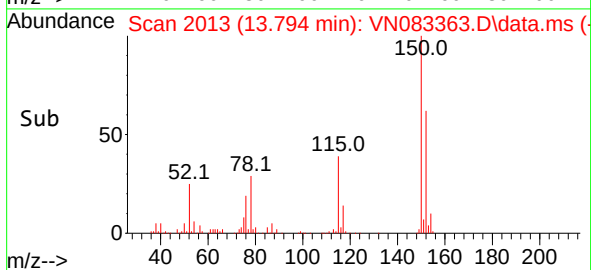
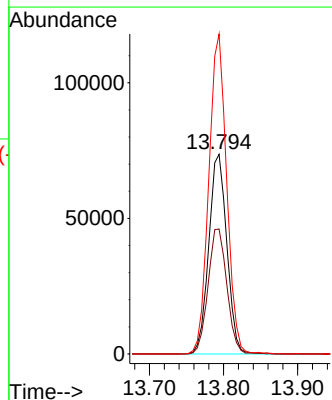
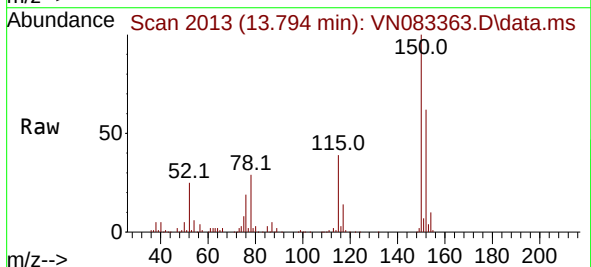
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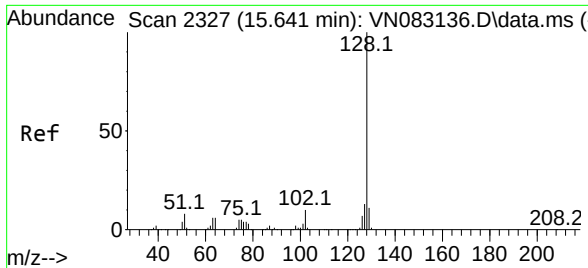
Tgt Ion:117 Resp: 274977
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Tgt Ion:152 Resp: 124787
Ion Ratio Lower Upper
152 100
115 65.2 30.6 91.6
150 158.1 0.0 348.6





#95
Naphthalene
Concen: 2.677 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083363.D
Acq: 16 Aug 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Tgt Ion:	128	Resp:	22425
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.5	8.6	12.8

