

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083737.D
 Acq On : 09 Sep 2024 23:24
 Operator : JC\MD
 Sample : P3853-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 252805

Quant Time: Sep 10 02:20:55 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)

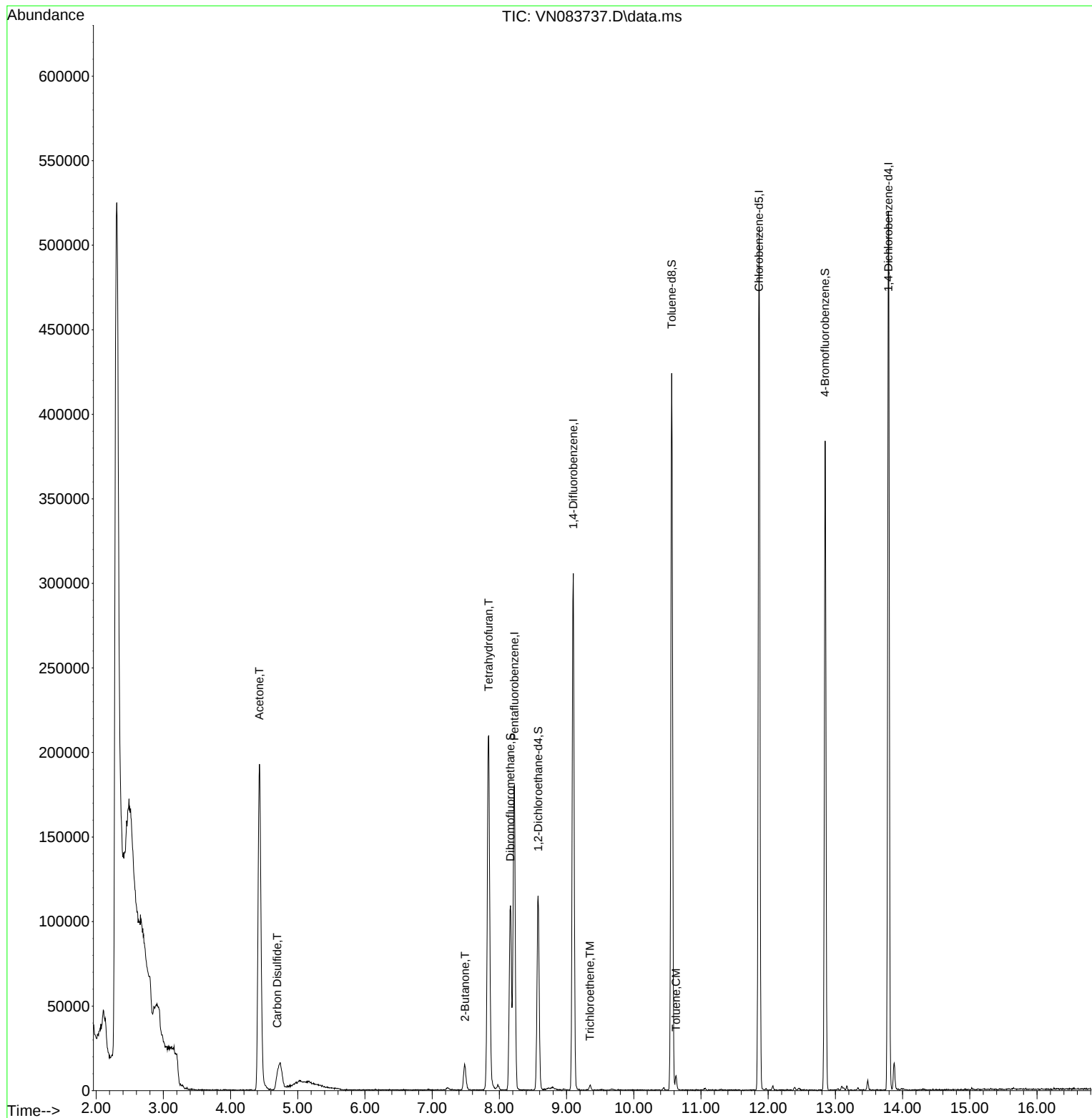
Internal Standards						
1) Pentafluorobenzene	8.224	168	122892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98467	57.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.660%	
35) Dibromofluoromethane	8.165	113	78916	51.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.565	98	284338	47.902	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.800%	
62) 4-Bromofluorobenzene	12.847	95	129418	58.862	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	287528	419.798	ug/l	96
17) Carbon Disulfide	4.694	76	21102	5.379	ug/l	97
25) 2-Butanone	7.488	43	22092	23.690	ug/l	90
29) Tetrahydrofuran	7.841	42	163401	282.490	ug/l	99
44) Trichloroethene	9.347	130	990	0.575	ug/l	95
52) Toluene	10.629	92	3321	0.743	ug/l	99

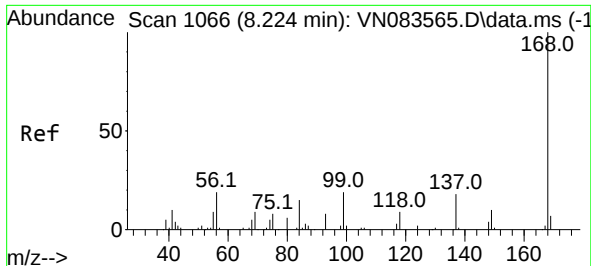
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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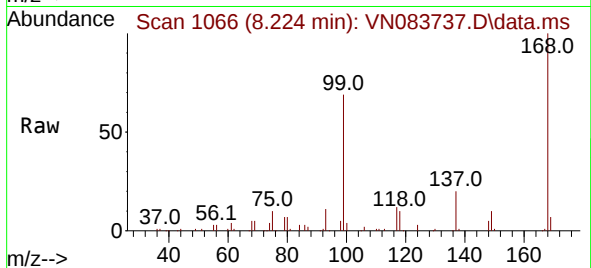
Quant Time: Sep 10 02:20:55 2024
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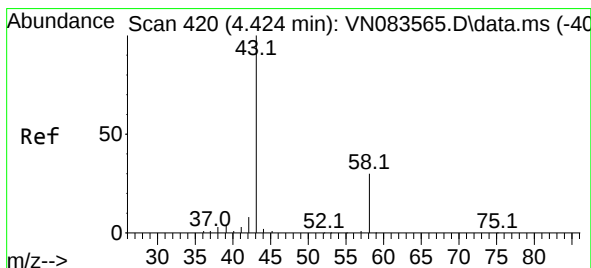
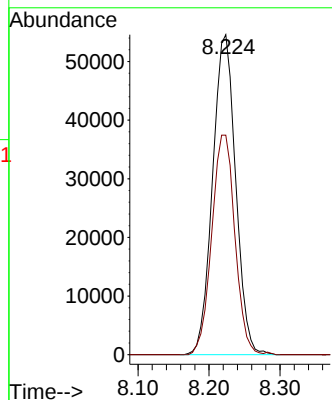
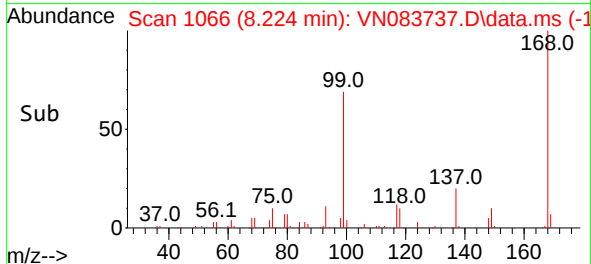


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Instrument :
MSVOA_N
ClientSampleId :
252805

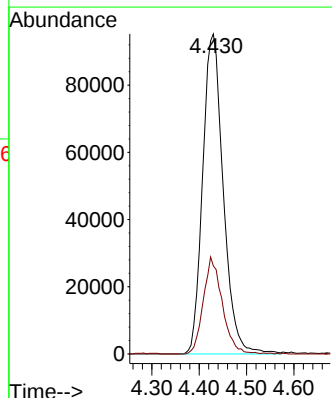
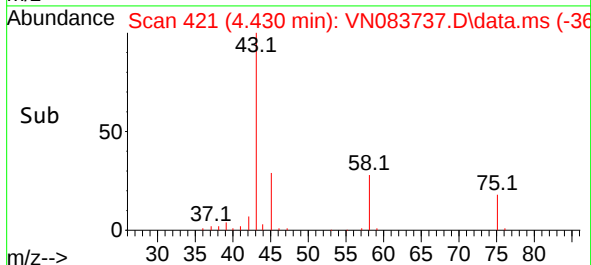
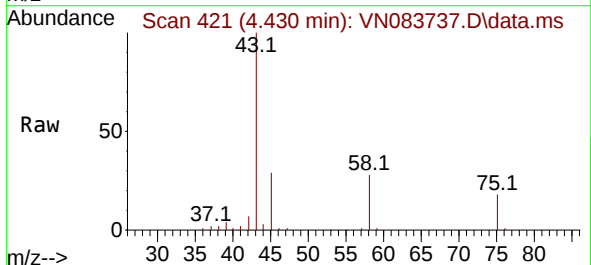


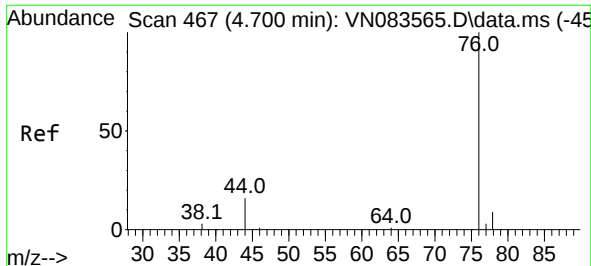
Tgt Ion:168 Resp: 122892
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2



#16
Acetone
Concen: 419.798 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Tgt Ion: 43 Resp: 287528
Ion Ratio Lower Upper
43 100
58 27.6 23.7 35.5

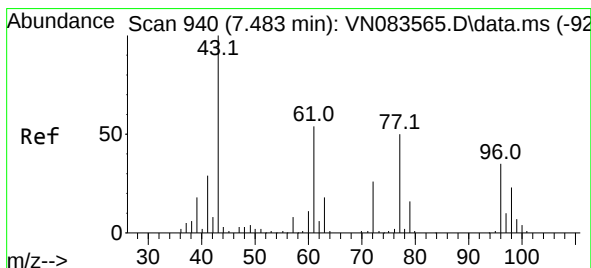
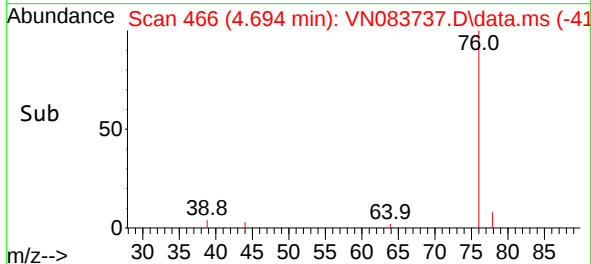
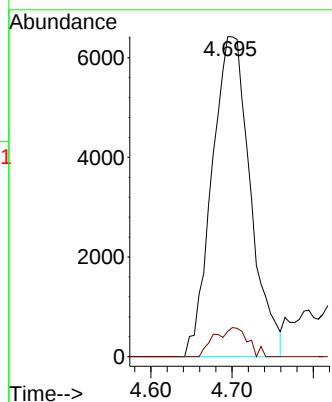
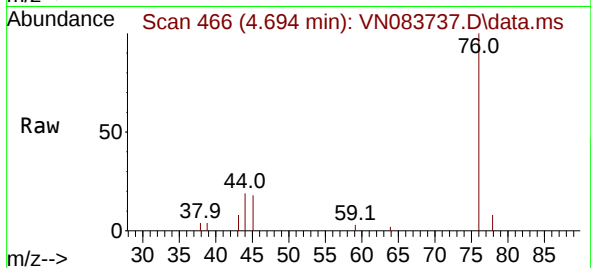




#17
Carbon Disulfide
Concen: 5.379 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

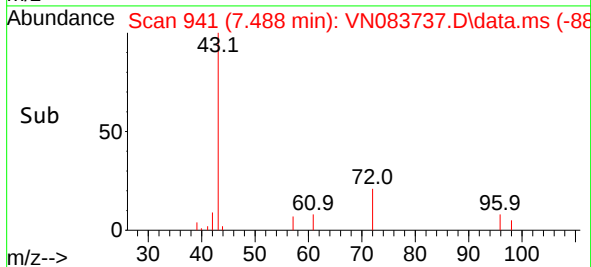
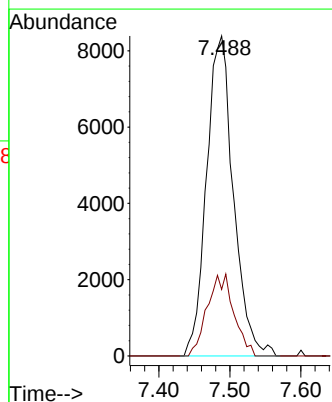
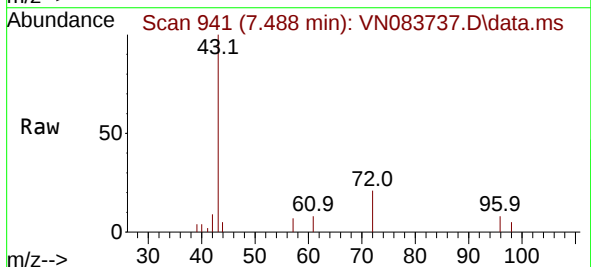
Instrument :
MSVOA_N
ClientSampleId :
252805

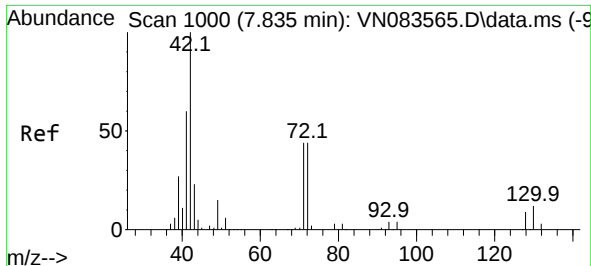
Tgt Ion: 76 Resp: 21102
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#25
2-Butanone
Concen: 23.690 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Tgt Ion: 43 Resp: 22092
Ion Ratio Lower Upper
43 100
72 20.8 20.8 31.2





#29

Tetrahydrofuran

Concen: 282.490 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083737.D

Acq: 09 Sep 2024 23:24

Instrument :

MSVOA_N

ClientSampleId :

252805

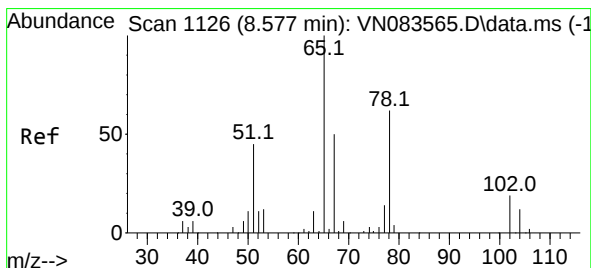
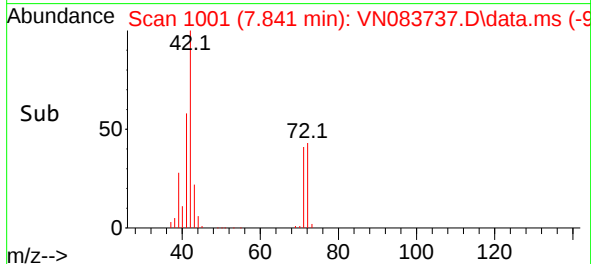
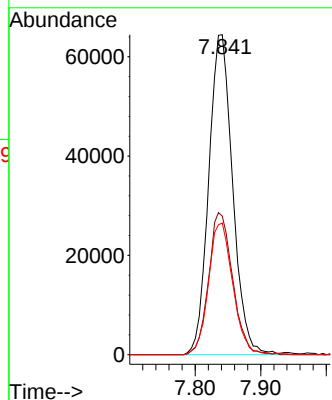
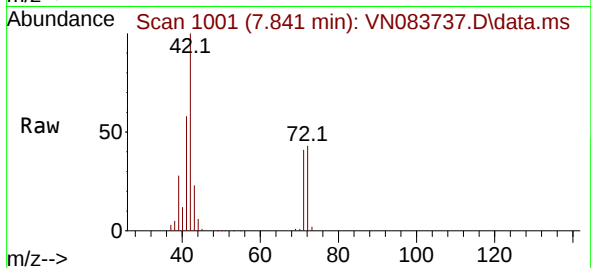
Tgt Ion: 42 Resp: 163401

Ion Ratio Lower Upper

42 100

72 44.6 35.9 53.9

71 41.8 33.9 50.9



#33

1,2-Dichloroethane-d4

Concen: 57.330 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083737.D

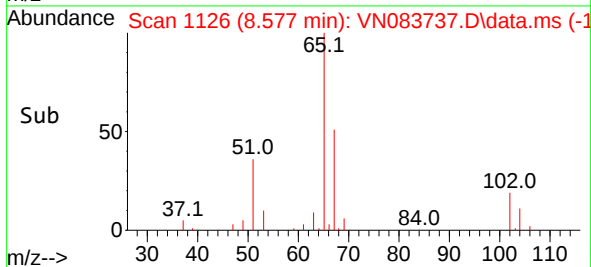
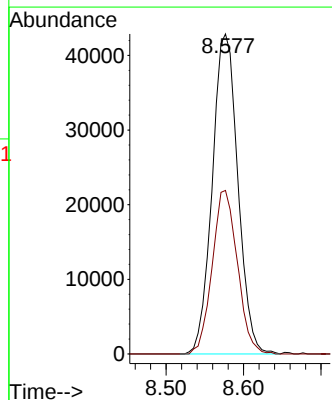
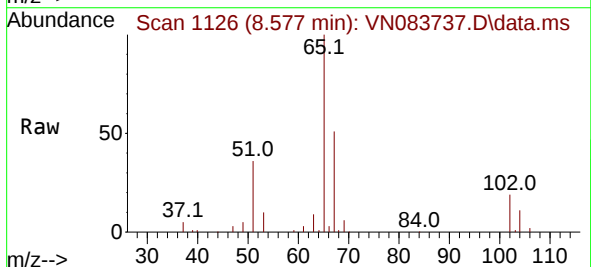
Acq: 09 Sep 2024 23:24

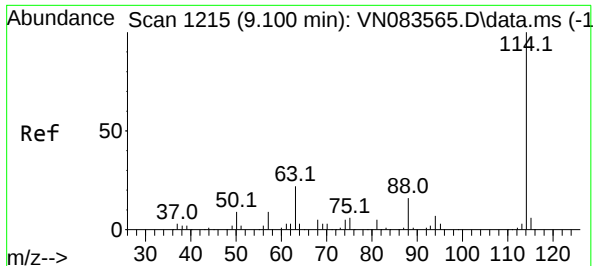
Tgt Ion: 65 Resp: 98467

Ion Ratio Lower Upper

65 100

67 50.3 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: VN083737.D

Acq: 09 Sep 2024 23:24

Instrument :

MSVOA_N

ClientSampleId :

252805

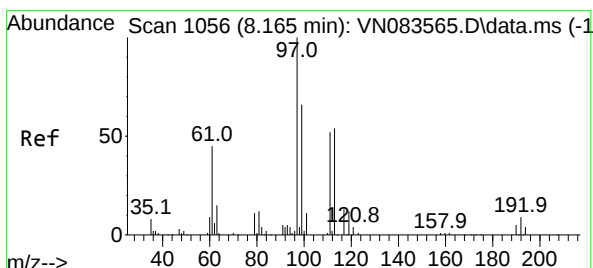
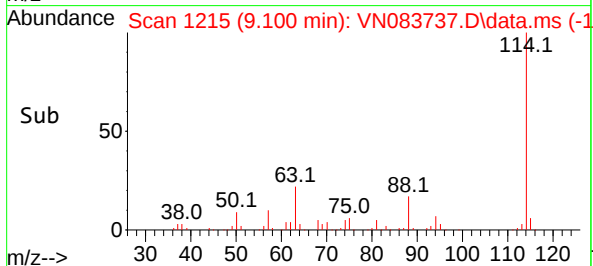
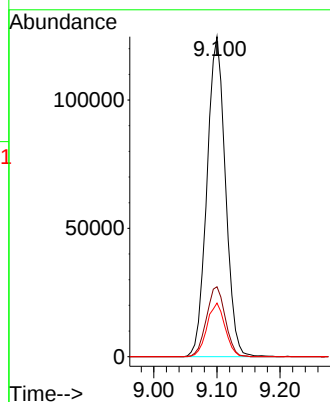
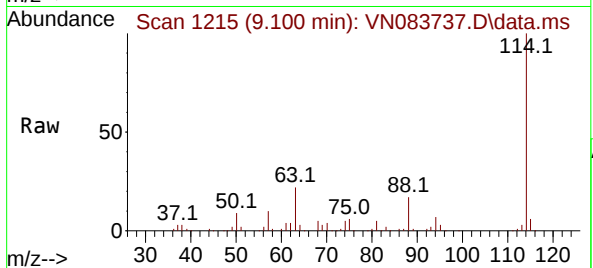
Tgt Ion:114 Resp: 253228

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083737.D

Acq: 09 Sep 2024 23:24

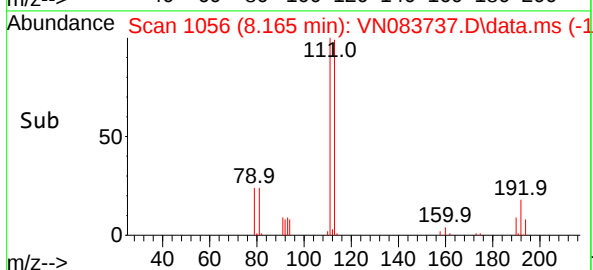
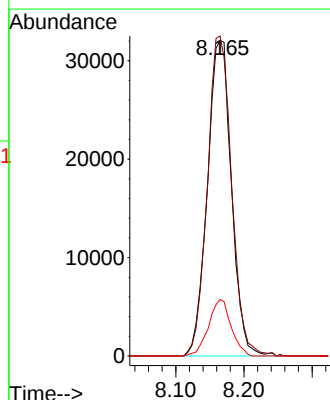
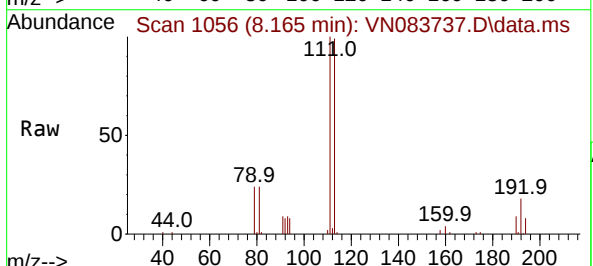
Tgt Ion:113 Resp: 78916

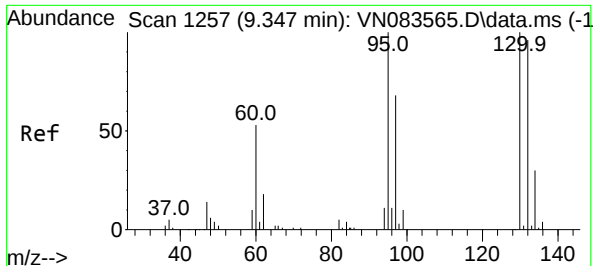
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 16.8 14.3 21.5

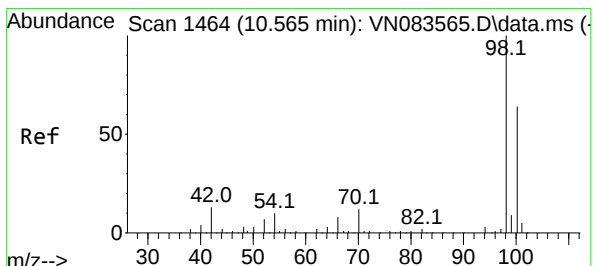
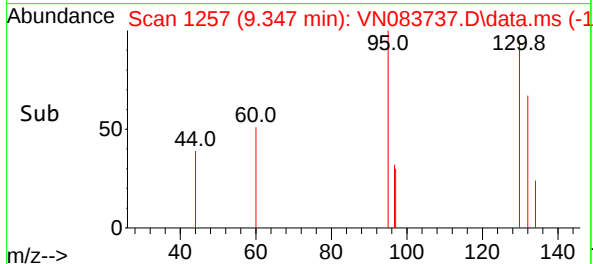
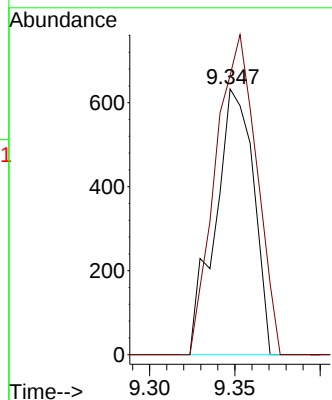
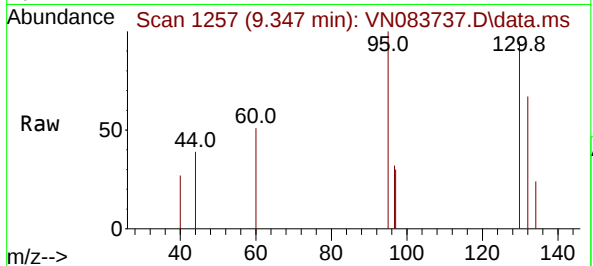




#44
Trichloroethene
Concen: 0.575 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

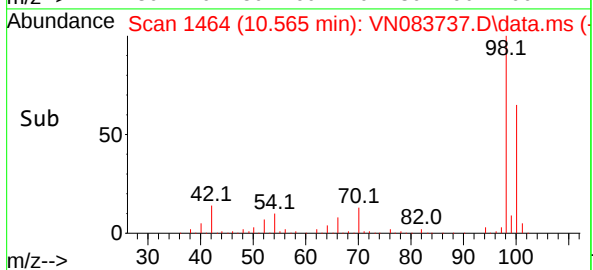
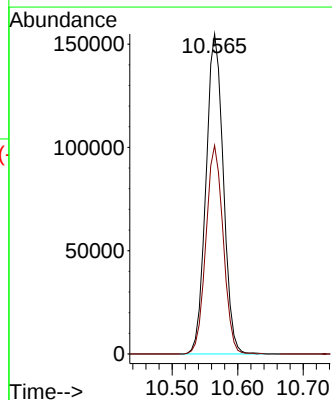
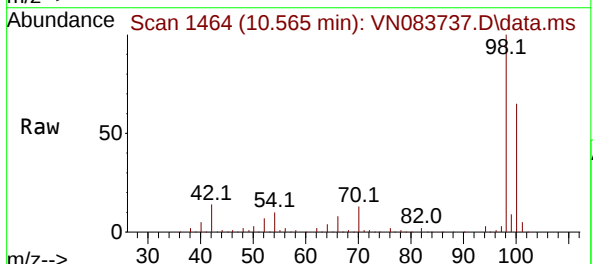
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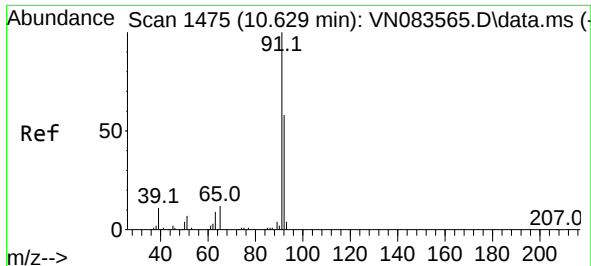
Tgt Ion:130 Resp: 990
Ion Ratio Lower Upper
130 100
95 105.1 0.0 200.4



#50
Toluene-d8
Concen: 47.902 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Tgt Ion: 98 Resp: 284338
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

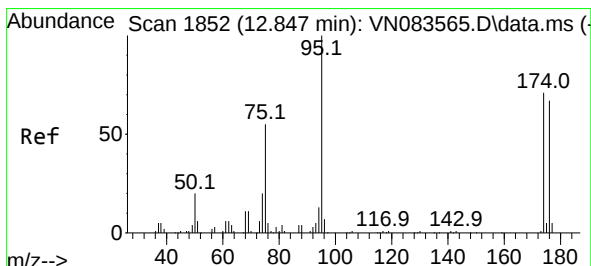
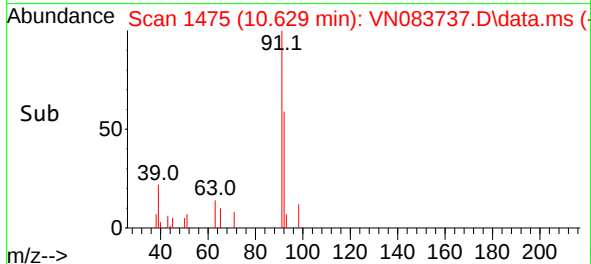
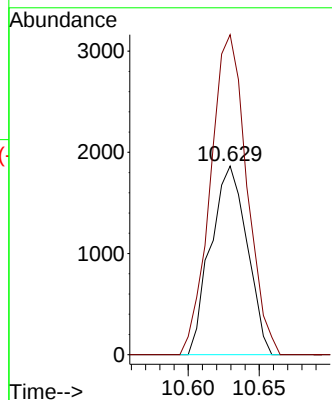
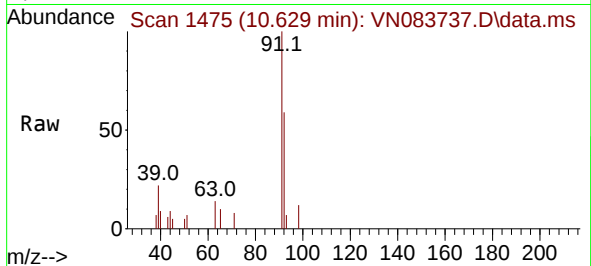




#52
Toluene
Concen: 0.743 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

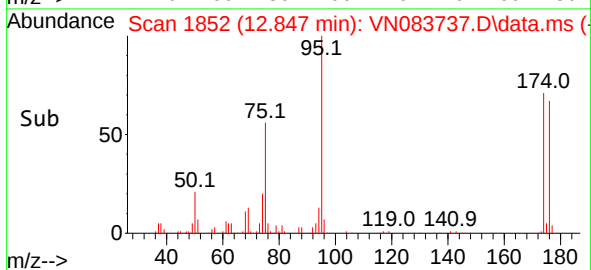
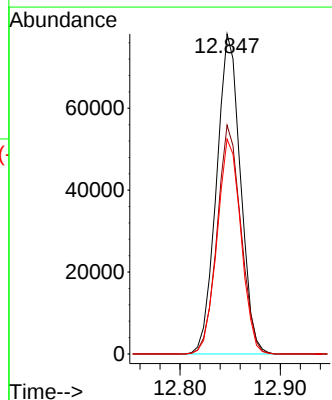
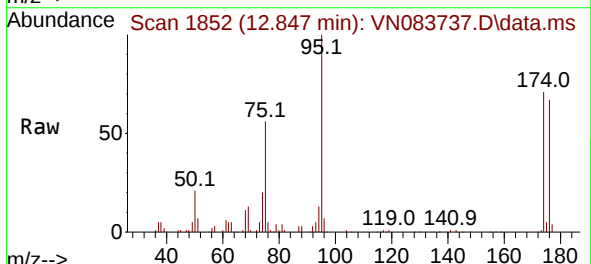
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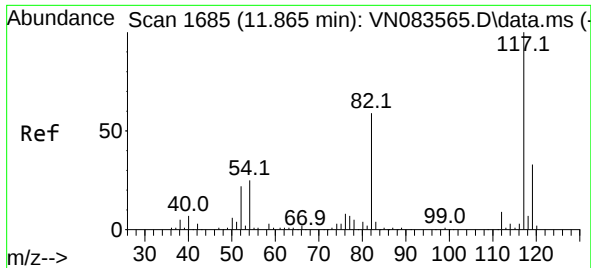
Tgt Ion: 92 Resp: 3321
Ion Ratio Lower Upper
92 100
91 169.9 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 58.862 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Tgt Ion: 95 Resp: 129418
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.0 0.0 131.4

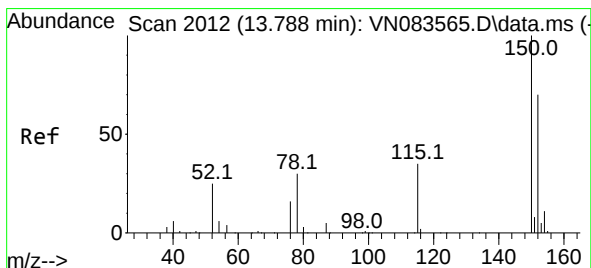
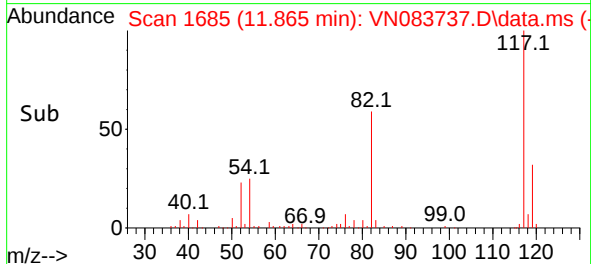
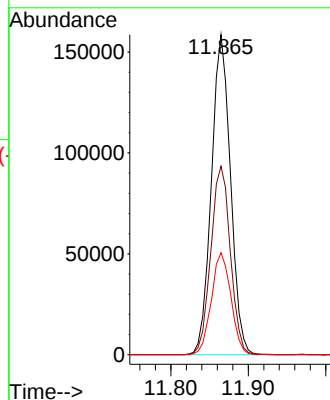
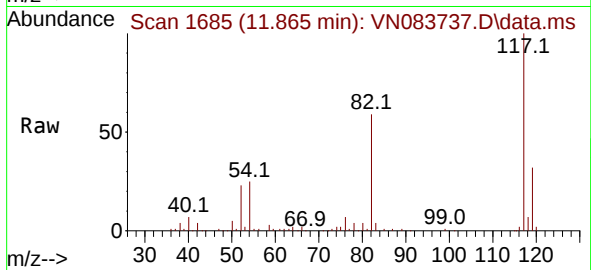




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083737.D
Acq: 09 Sep 2024 23:24

Instrument :
MSVOA_N
ClientSampleId :
252805

Tgt Ion:117 Resp: 272226
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.9 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: VN083737.D
Acq: 09 Sep 2024 23:24

Tgt Ion:152 Resp: 133186
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 156.2 0.0 348.6

