

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083219.D
 Acq On : 10 Aug 2024 19:47
 Operator : JC\MD
 Sample : P3506-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT4534

Quant Time: Aug 12 01:57:37 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)

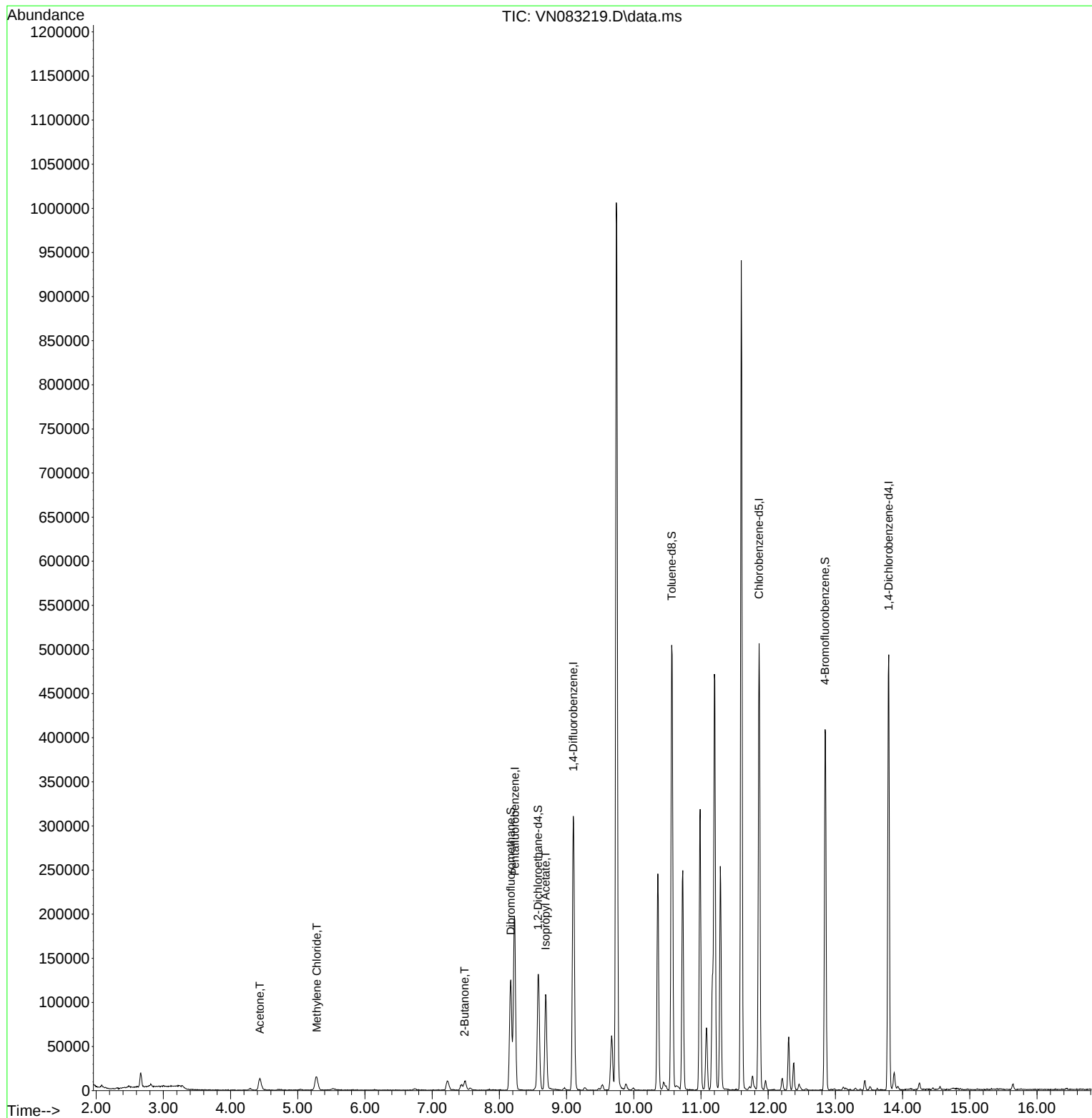
Internal Standards						
1) Pentafluorobenzene	8.229	168	137825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116318	59.292	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.580%		
35) Dibromofluoromethane	8.171	113	91689	56.024	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.040%		
50) Toluene-d8	10.565	98	348513	57.087	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 114.180%#		
62) 4-Bromofluorobenzene	12.847	95	148821	62.528	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 125.060%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	25779	33.582	ug/l	90
20) Methylene Chloride	5.283	84	12255	6.937	ug/l #	84
25) 2-Butanone	7.482	43	17644	14.969	ug/l	92
43) Isopropyl Acetate	8.688	43	126578	25.090	ug/l #	92

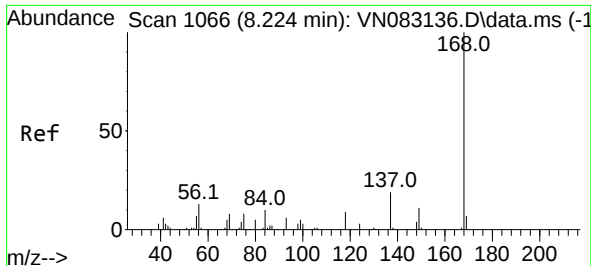
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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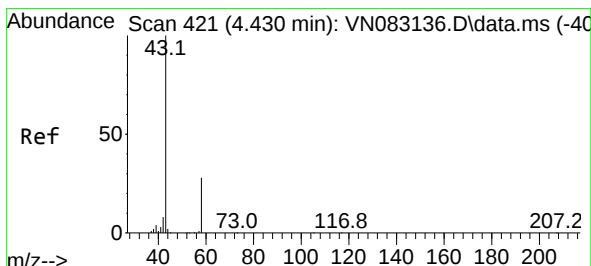
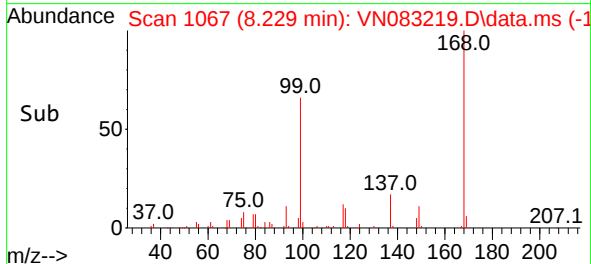
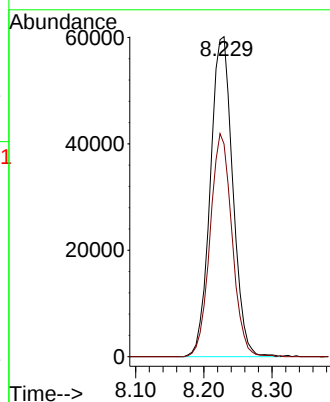
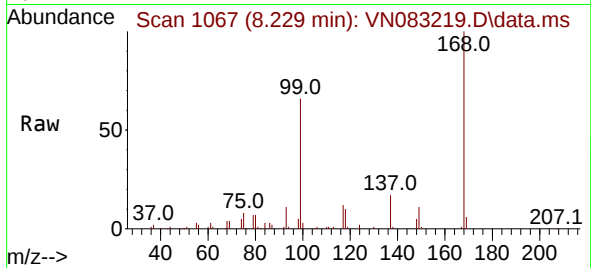




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

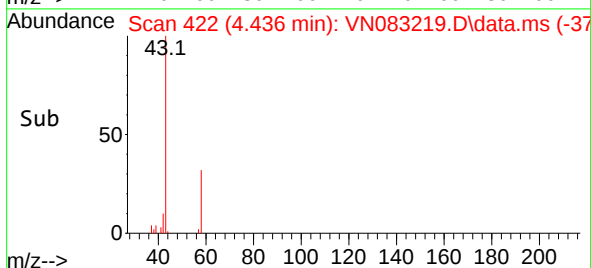
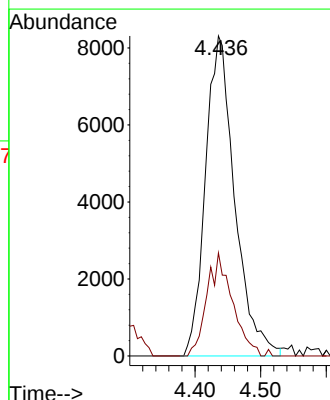
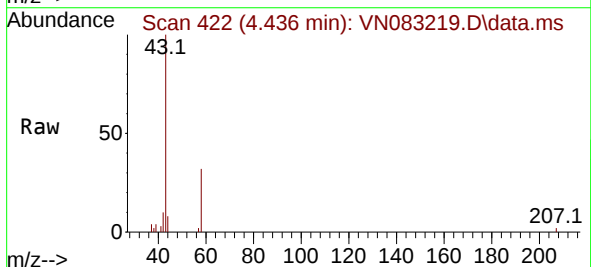
Instrument :
MSVOA_N
ClientSampleId :
RT4534

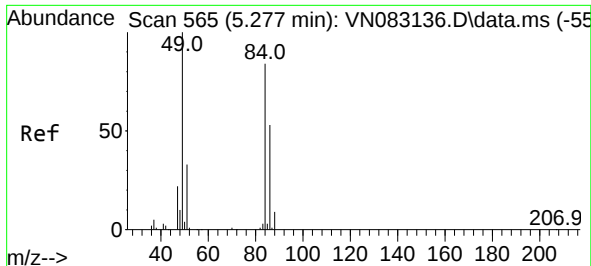
Tgt Ion:168 Resp: 137825
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#16
Acetone
Concen: 33.582 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

Tgt Ion: 43 Resp: 25779
Ion Ratio Lower Upper
43 100
58 32.2 21.8 32.6





#20

Methylene Chloride

Concen: 6.937 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN083219.D

Acq: 10 Aug 2024 19:47

Instrument :

MSVOA_N

ClientSampleId :

RT4534

Tgt Ion: 84 Resp: 12255

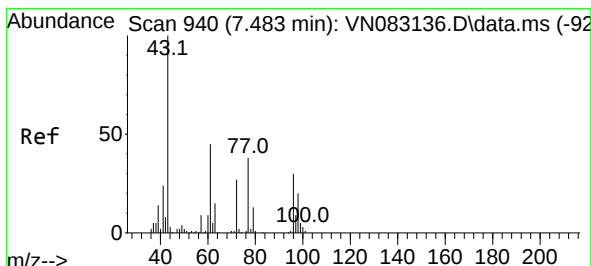
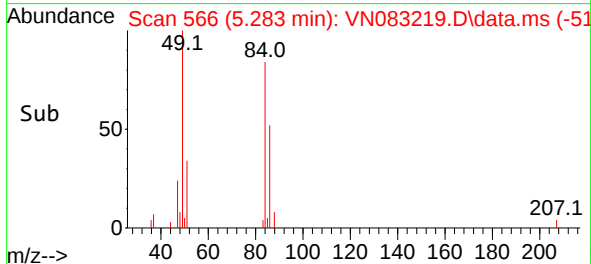
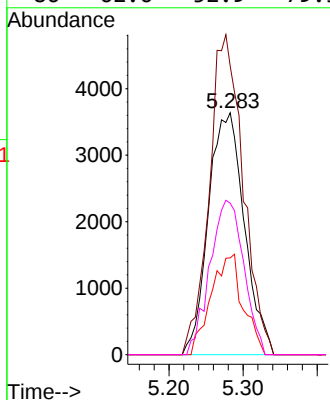
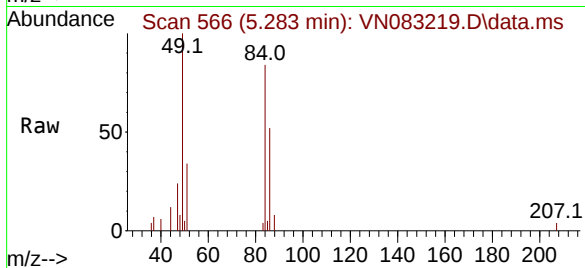
Ion Ratio Lower Upper

84 100

49 119.3 119.6 179.4#

51 40.0 34.8 52.2

86 62.6 52.9 79.3



#25

2-Butanone

Concen: 14.969 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083219.D

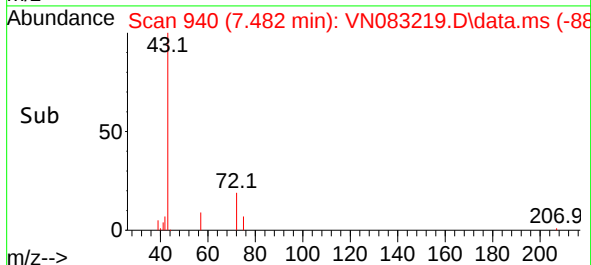
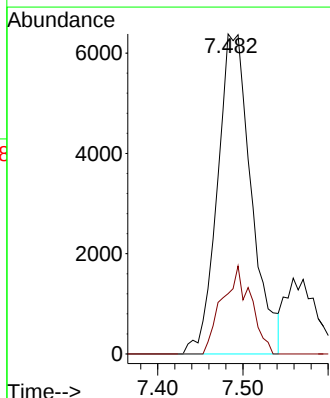
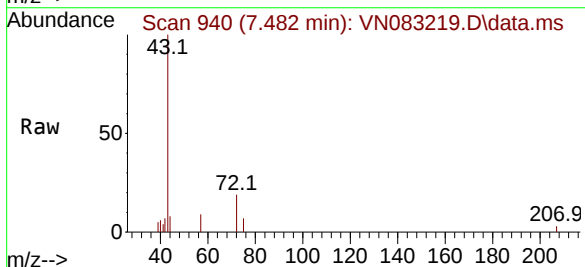
Acq: 10 Aug 2024 19:47

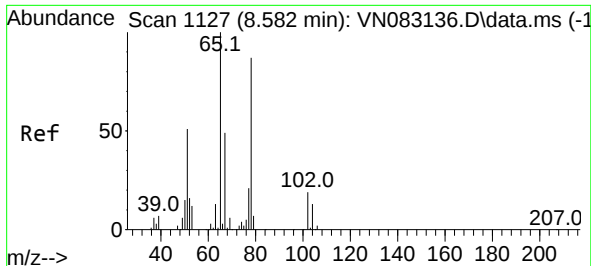
Tgt Ion: 43 Resp: 17644

Ion Ratio Lower Upper

43 100

72 18.8 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 59.292 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083219.D

Acq: 10 Aug 2024 19:47

Instrument :

MSVOA_N

ClientSampleId :

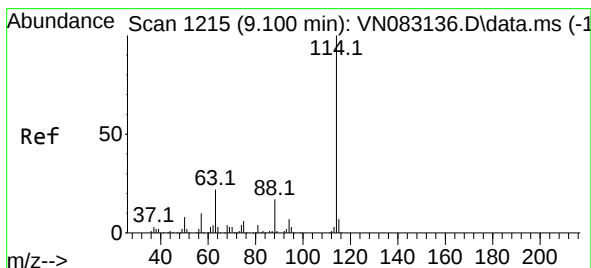
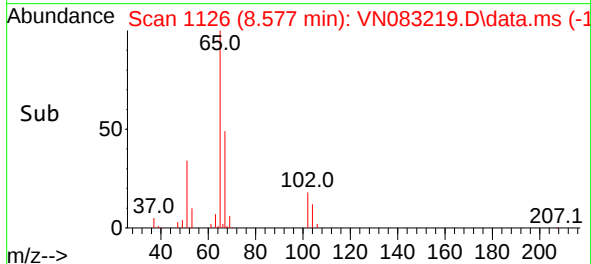
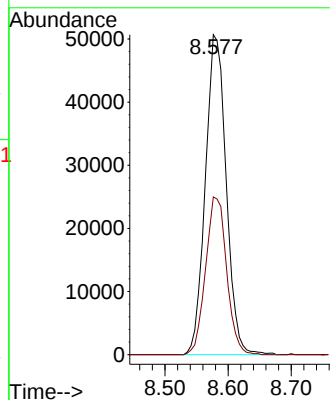
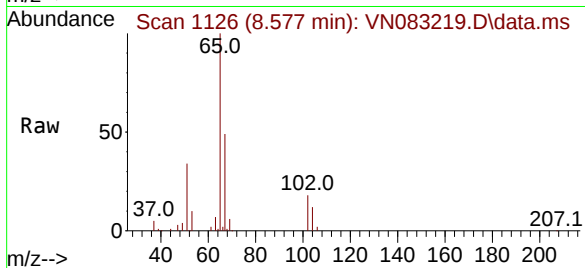
RT4534

Tgt Ion: 65 Resp: 116318

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083219.D

Acq: 10 Aug 2024 19:47

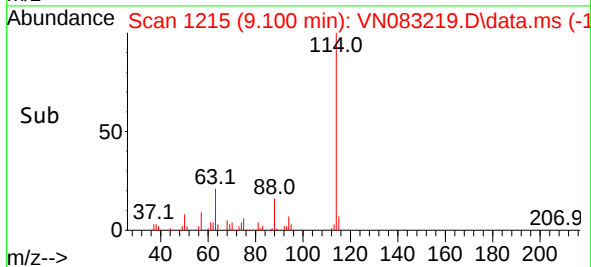
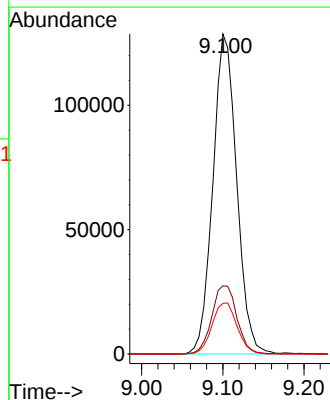
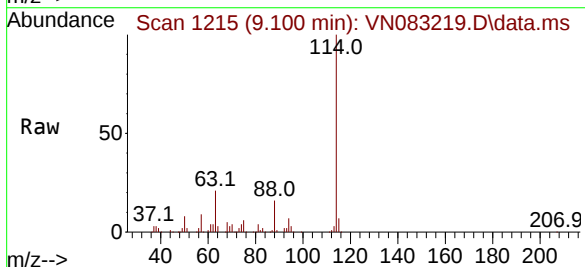
Tgt Ion: 114 Resp: 262202

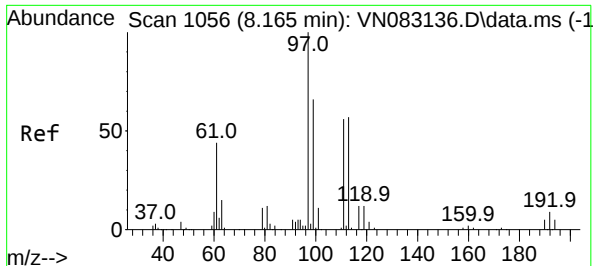
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.6

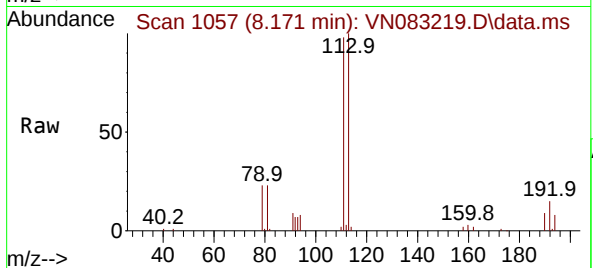
88 15.8 0.0 31.4





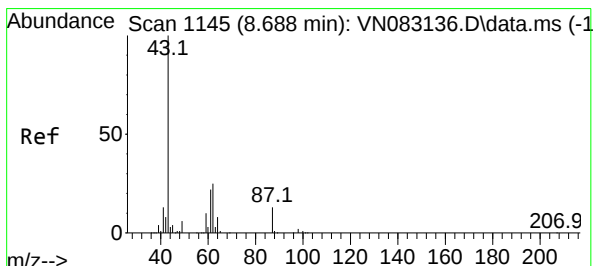
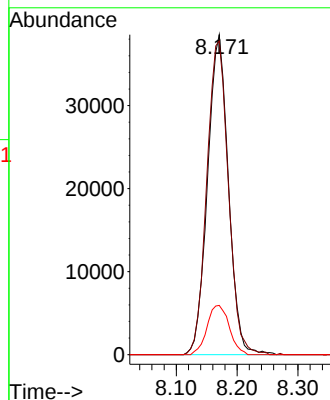
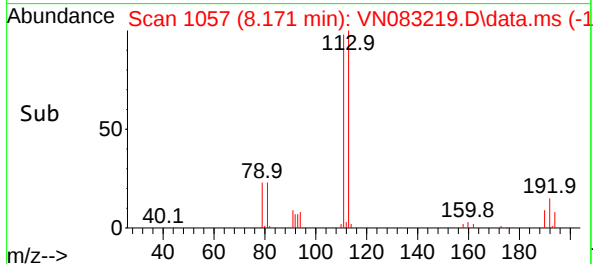
#35
Dibromofluoromethane
Concen: 56.024 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :
RT4534

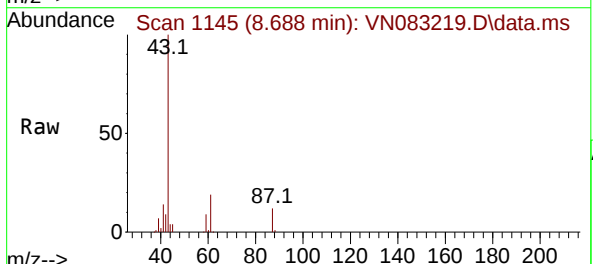


Tgt Ion:113 Resp: 91689

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	16.4	14.9	22.3

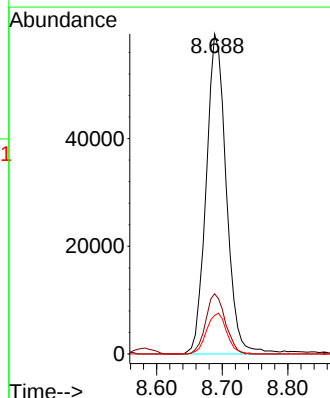
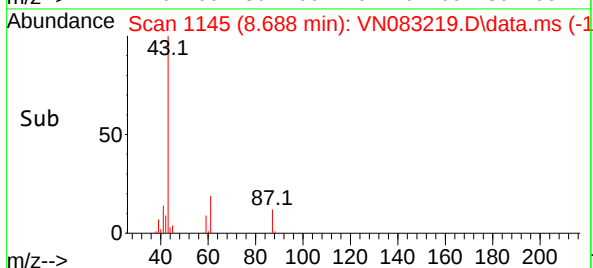


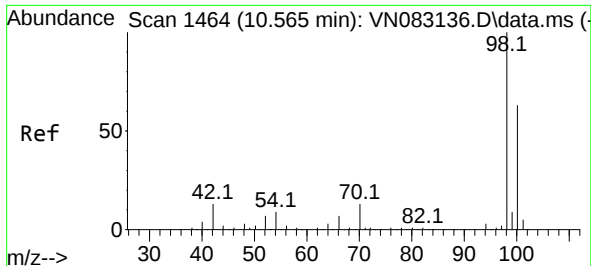
#43
Isopropyl Acetate
Concen: 25.090 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47



Tgt Ion: 43 Resp: 126578

Ion	Ratio	Lower	Upper
43	100		
61	18.3	17.8	26.6
87	12.7	8.2	12.2

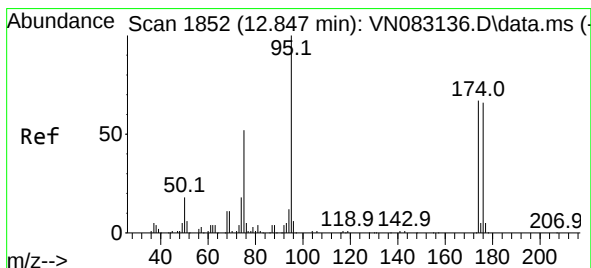
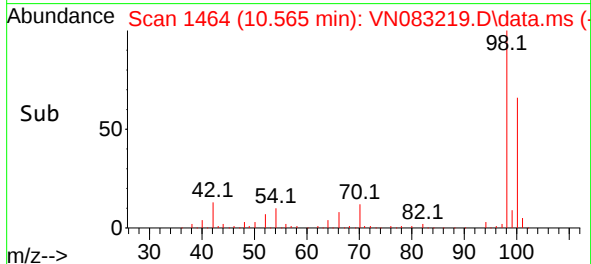
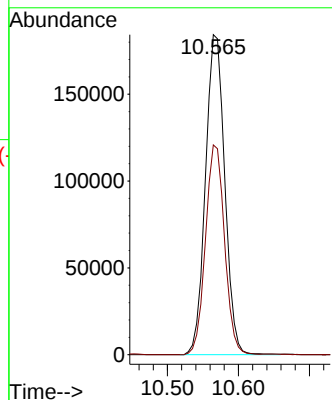
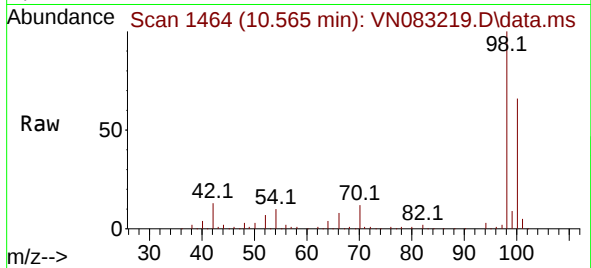




#50
Toluene-d8
Concen: 57.087 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

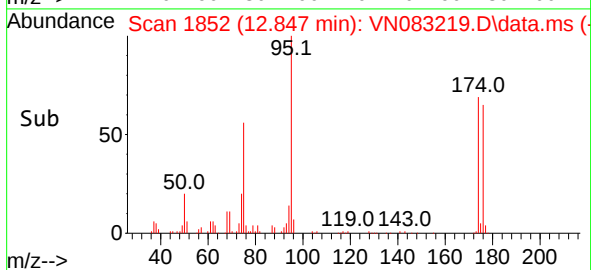
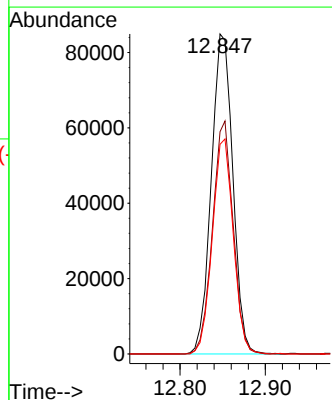
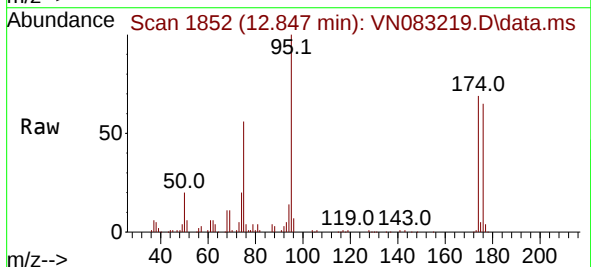
Instrument :
MSVOA_N
ClientSampleId :
RT4534

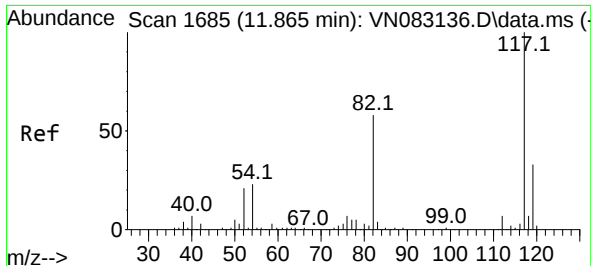
Tgt Ion: 98 Resp: 348513
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 62.528 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

Tgt Ion: 95 Resp: 148821
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 65.5 0.0 147.6

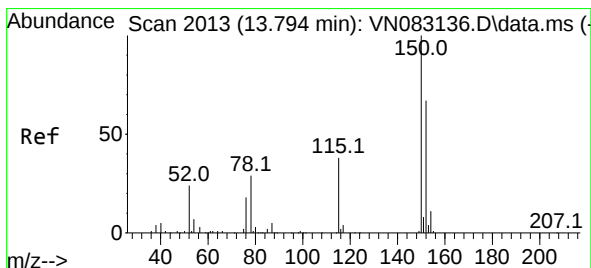
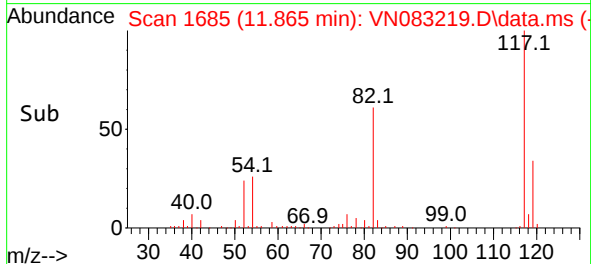
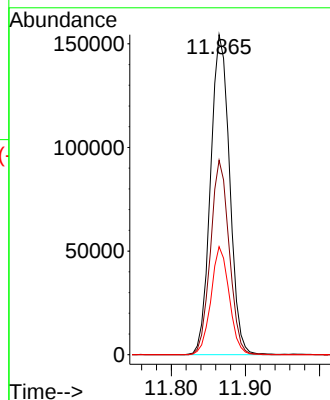
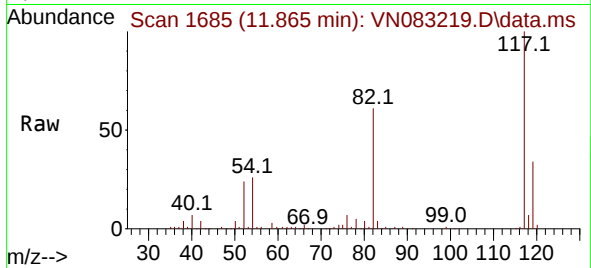




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083219.D
Acq: 10 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :
RT4534

Tgt Ion:117 Resp: 275888
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 33.8 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: VN083219.D
Acq: 10 Aug 2024 19:47

Tgt Ion:152 Resp: 125515
Ion Ratio Lower Upper
152 100
115 65.5 30.6 91.6
150 158.9 0.0 348.6

