

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083287.D
 Acq On : 14 Aug 2024 08:52
 Operator : JC\MD
 Sample : P3466-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 09:34:00 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)

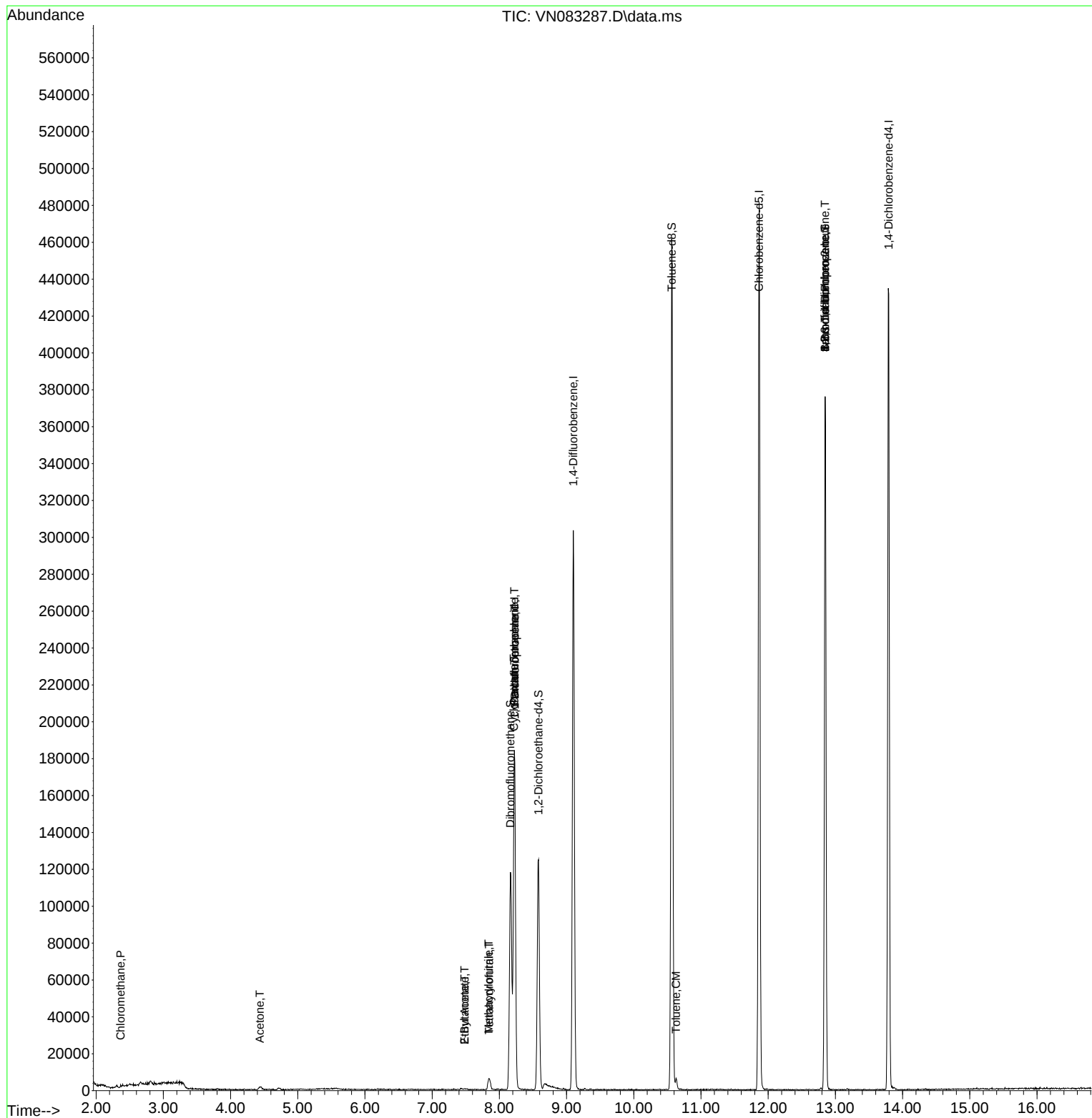
Internal Standards						
1) Pentafluorobenzene	8.224	168	128494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108106	59.108	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.220%		
35) Dibromofluoromethane	8.165	113	86756	55.162	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.320%		
50) Toluene-d8	10.565	98	316687	53.980	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.960%		
62) 4-Bromofluorobenzene	12.847	95	132070	57.743	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 115.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	538	0.361	ug/l #	43
16) Acetone	4.436	43	1698	2.373	ug/l	91
25) 2-Butanone	7.482	43	568	0.517	ug/l #	53
29) Tetrahydrofuran	7.847	42	5049	7.108	ug/l #	86
31) Cyclohexane	8.218	56	3026	1.116	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	11418	4.799	ug/l #	51
37) Ethyl Acetate	7.482	43	568	0.213	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15162	5.658	ug/l #	16
41) Methacrylonitrile	7.841	41	2932	1.936	ug/l #	51
43) Isopropyl Acetate	8.682	43	2976	Below Cal	#	60
52) Toluene	10.629	92	2504	0.559	ug/l	93
71) Bromoform	12.847	173	686	0.440	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	72385	28.750	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72385	62.537	ug/l #	6

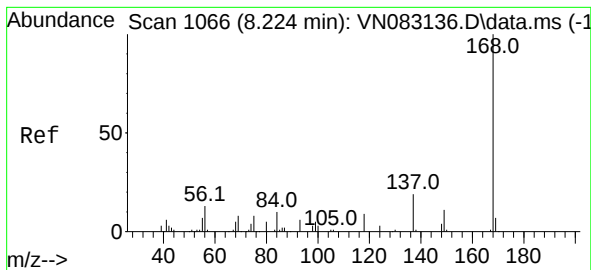
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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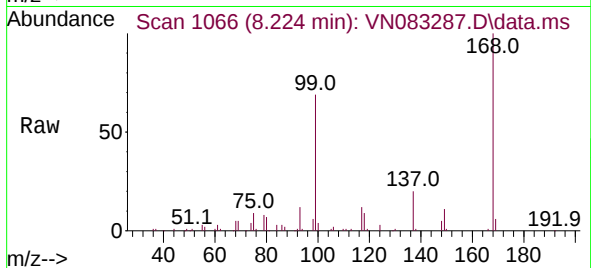
Quant Time: Aug 14 09:34:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



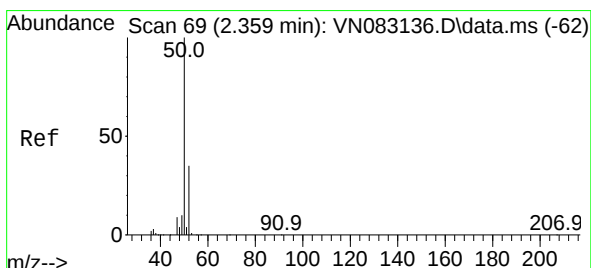
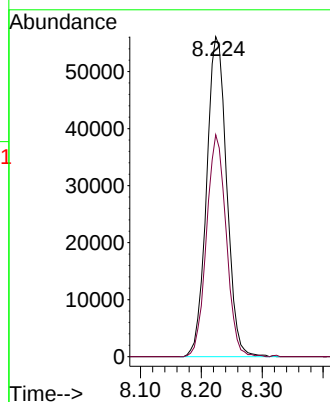
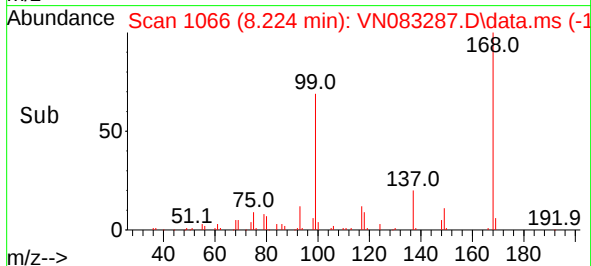


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Instrument :
MSVOA_N
ClientSampleId :

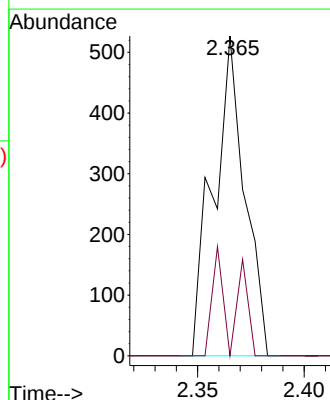
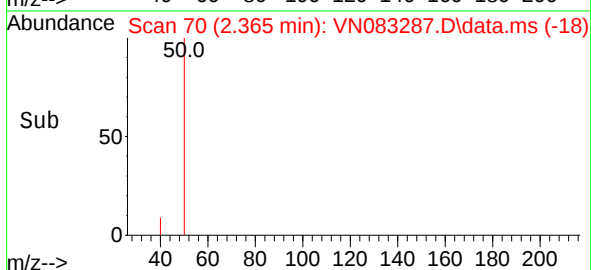
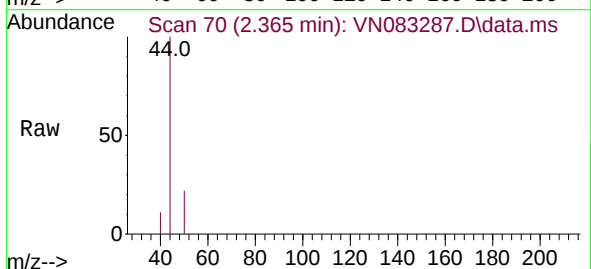


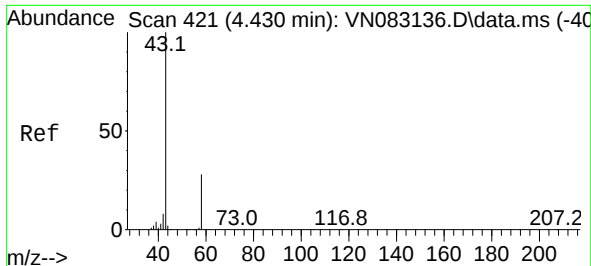
Tgt Ion:168 Resp: 128494
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#3
Chloromethane
Concen: 0.361 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#16

Acetone

Concen: 2.373 ug/l

RT: 4.436 min Scan# 421

Delta R.T. 0.006 min

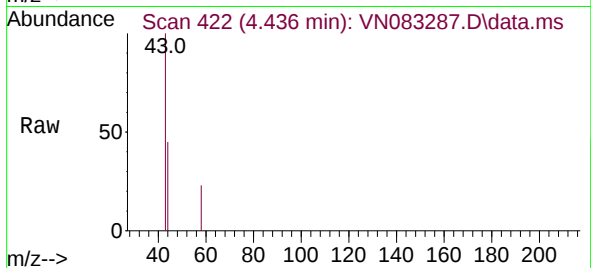
Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

Instrument :

MSVOA_N

ClientSampleId :

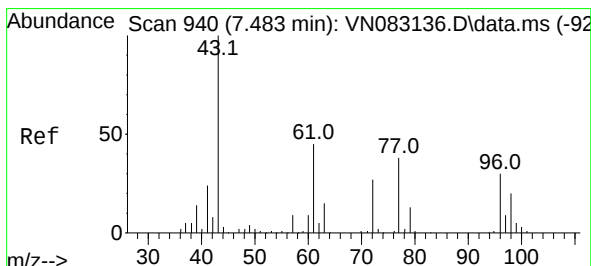
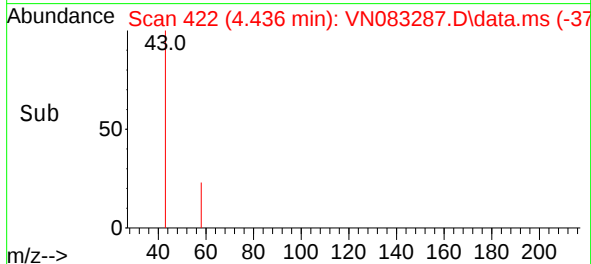
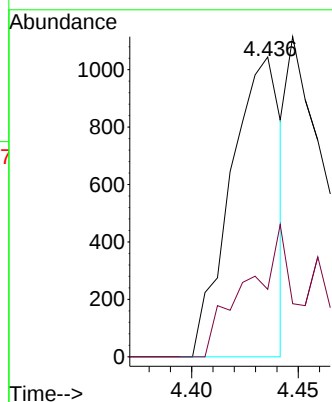


Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

58 22.5 21.8 32.6



#25

2-Butanone

Concen: 0.517 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083287.D

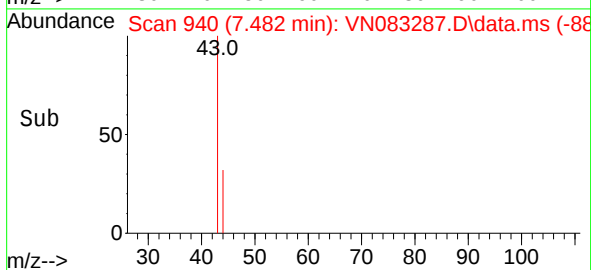
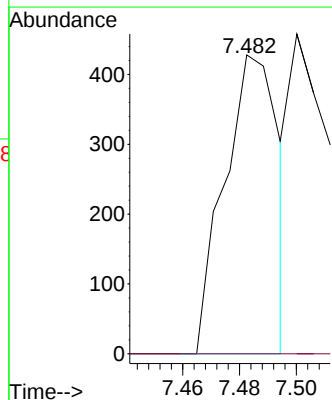
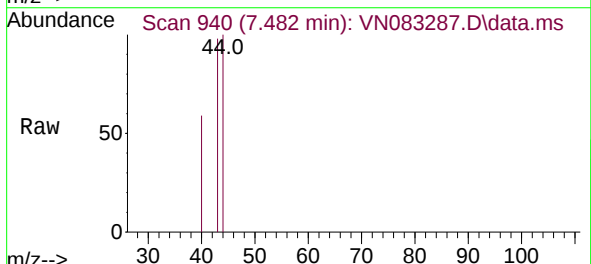
Acq: 14 Aug 2024 08:52

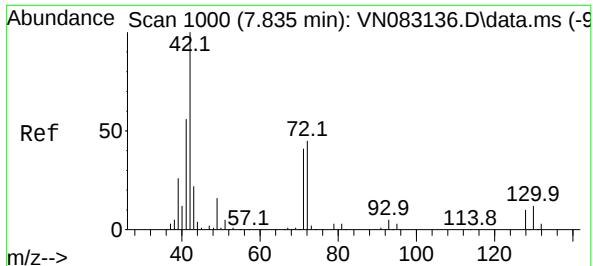
Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

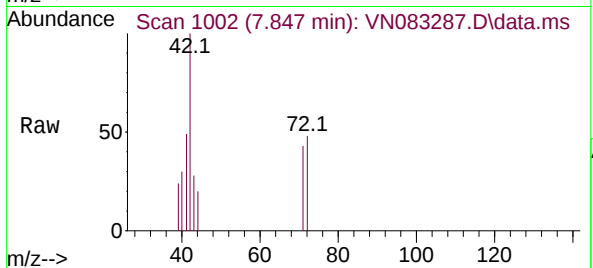
72 0.0 18.2 27.2#



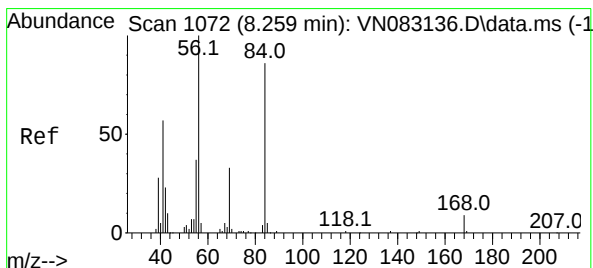
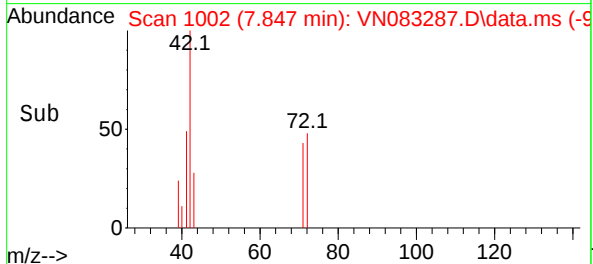
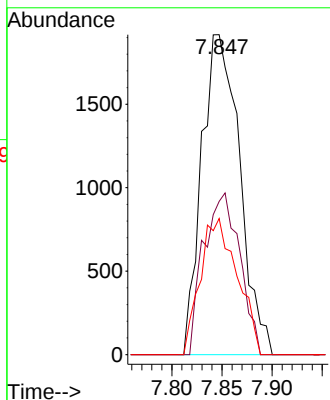


#29
Tetrahydrofuran
Concen: 7.108 ug/l
RT: 7.847 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Instrument :
MSVOA_N
ClientSampleId :

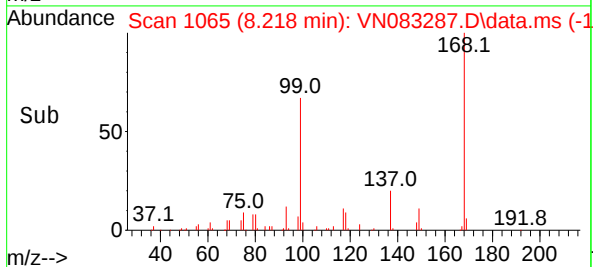
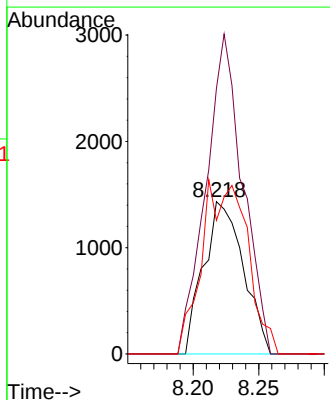
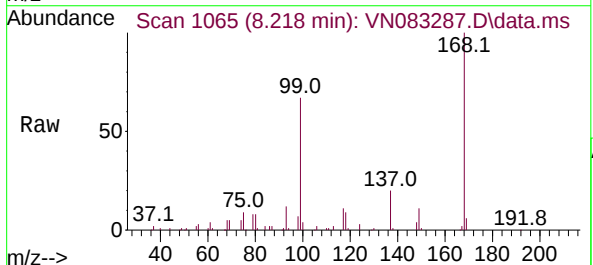


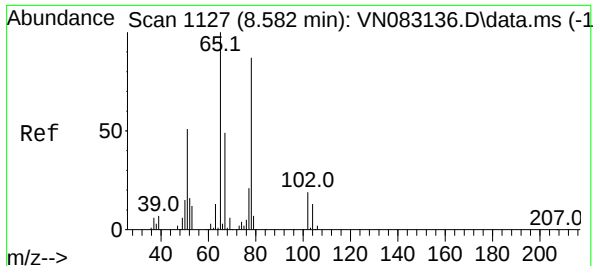
Tgt Ion: 42 Resp: 5049
Ion Ratio Lower Upper
42 100
72 48.0 30.0 45.0#
71 41.6 28.3 42.5



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion: 56 Resp: 3026
Ion Ratio Lower Upper
56 100
69 174.3 24.5 36.7#
84 87.7 66.0 99.0

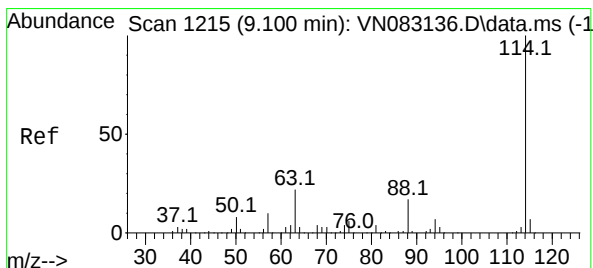
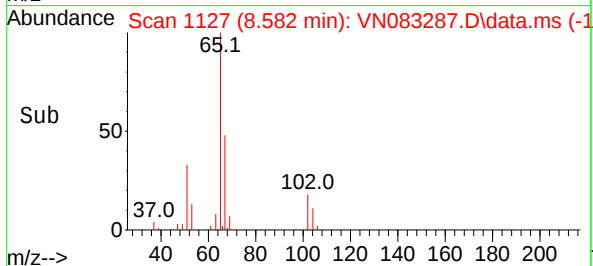
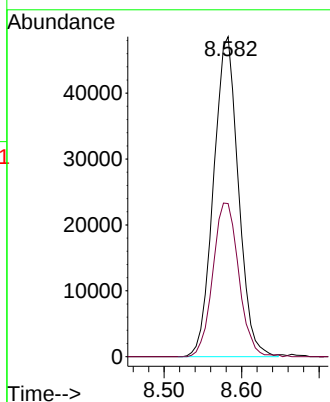
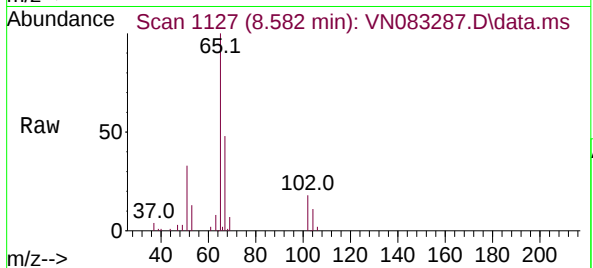




#33
1,2-Dichloroethane-d4
Concen: 59.108 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

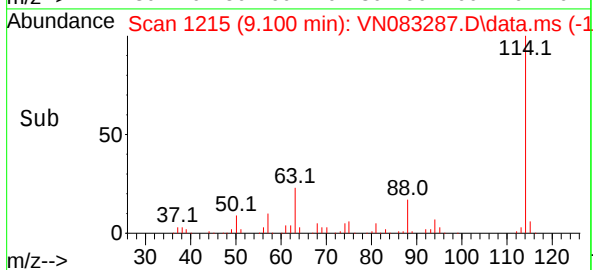
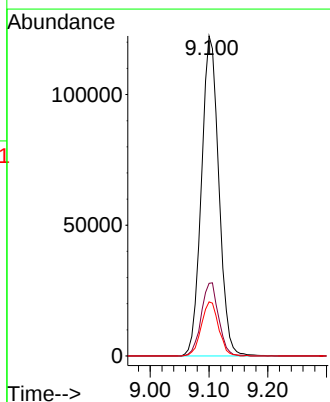
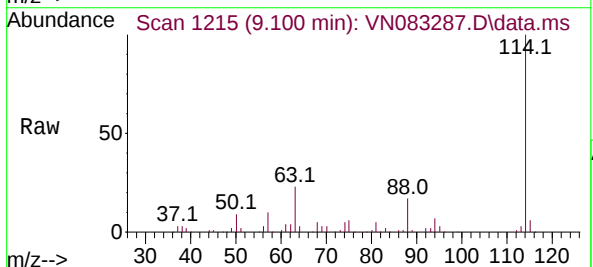
Instrument :
MSVOA_N
ClientSampleId :

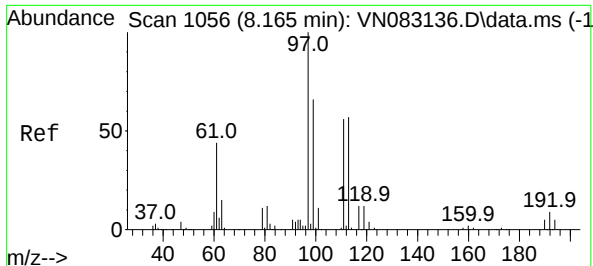
Tgt Ion: 65 Resp: 108106
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion:114 Resp: 251972
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.162 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083287.D

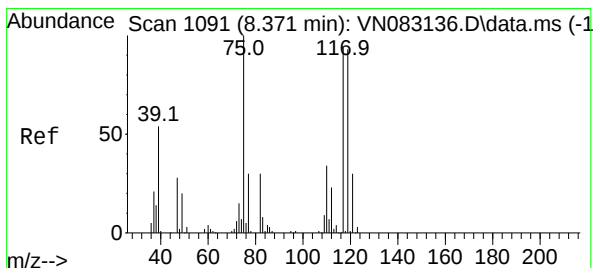
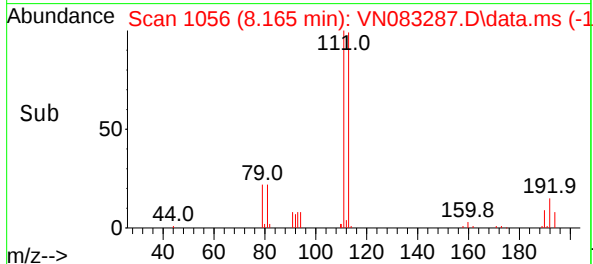
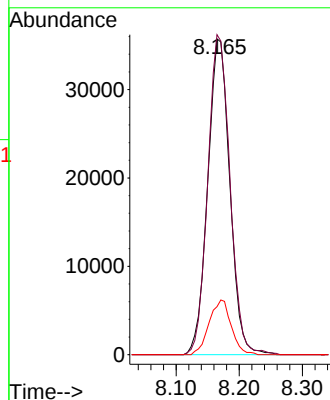
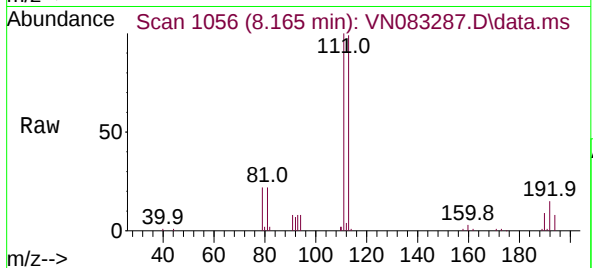
Acq: 14 Aug 2024 08:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	86756
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	17.3	14.9	22.3



#36

1,1-Dichloropropene

Concen: 4.799 ug/l

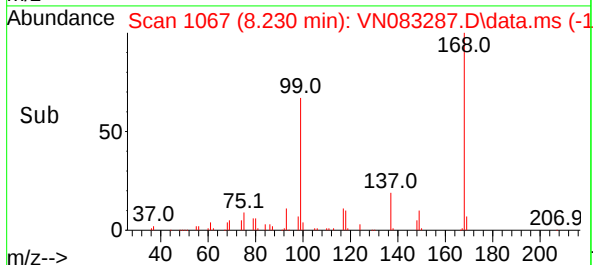
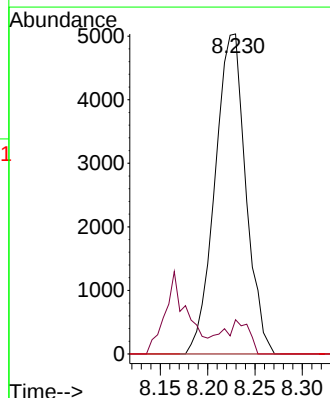
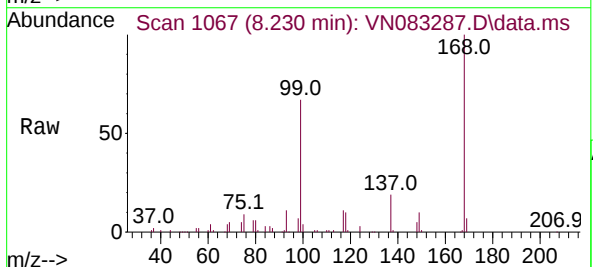
RT: 8.230 min Scan# 1067

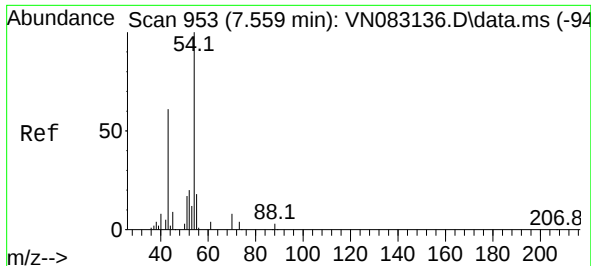
Delta R.T. -0.141 min

Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

Tgt Ion:	75	Resp:	11418
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	24.6	37.0#





#37

Ethyl Acetate

Concen: 0.213 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.077 min

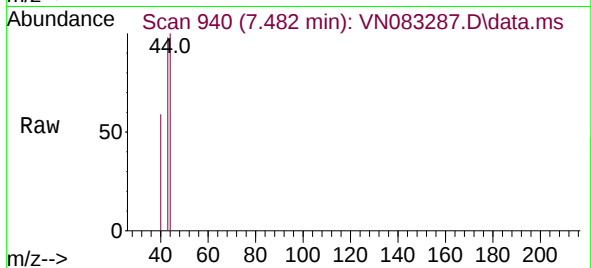
Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

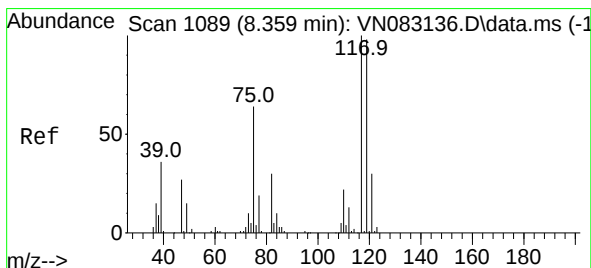
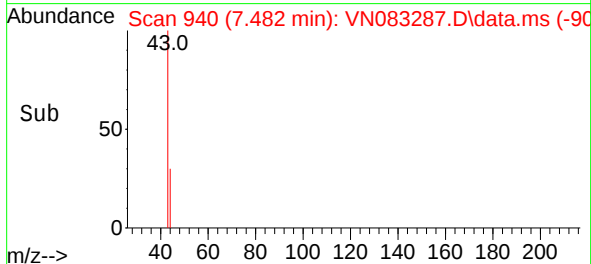
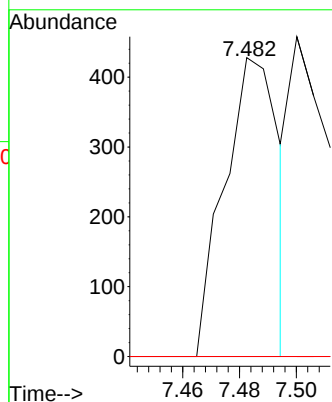
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 568
Ion Ratio	Lower Upper
43	100
61	0.0 9.3 13.9#
70	0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.658 ug/l

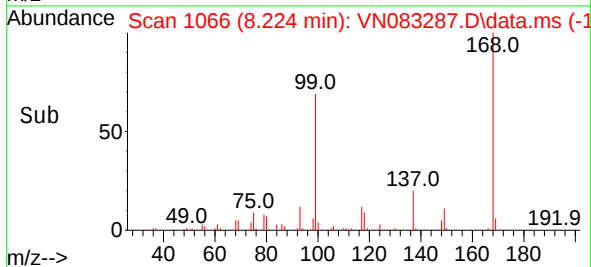
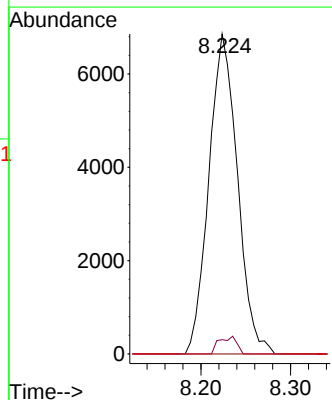
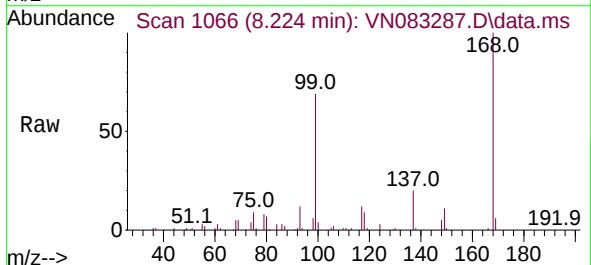
RT: 8.224 min Scan# 1066

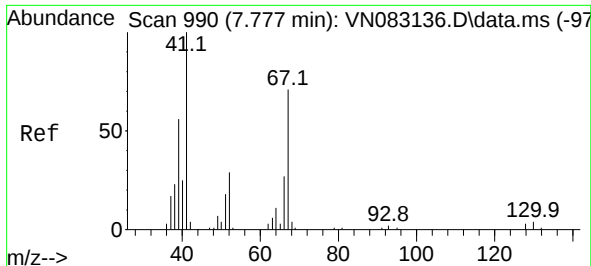
Delta R.T. -0.135 min

Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

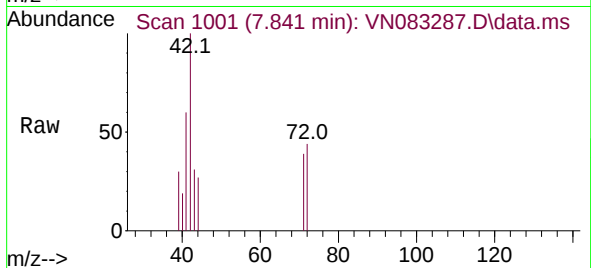
Tgt Ion: 117	Resp: 15162
Ion Ratio	Lower Upper
117	100
119	4.4 74.9 112.3#
121	0.0 24.3 36.5#



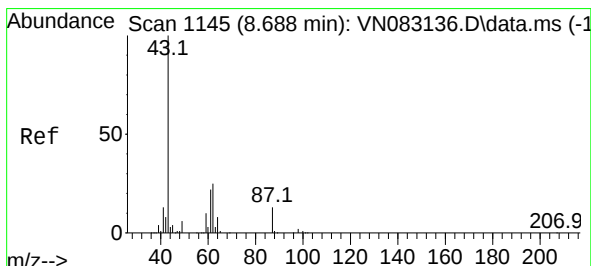
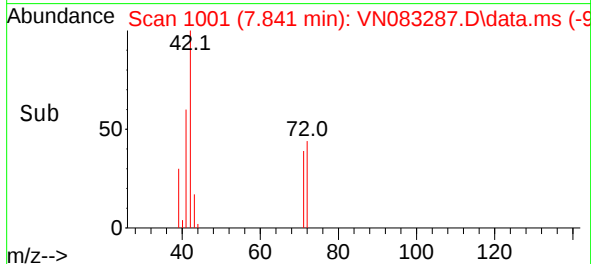
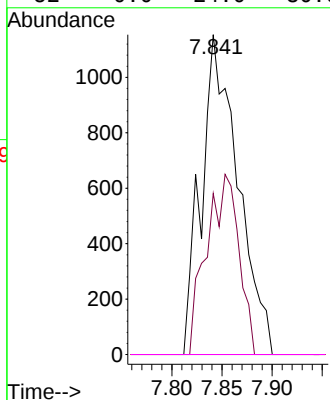


#41
Methacrylonitrile
Concen: 1.936 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Instrument :
MSVOA_N
ClientSampleId :

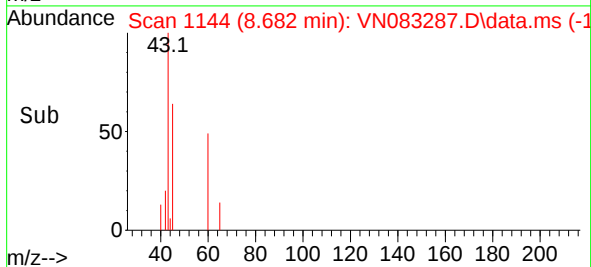
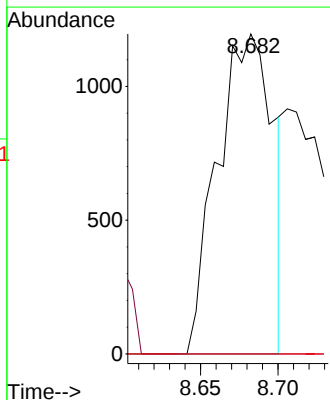
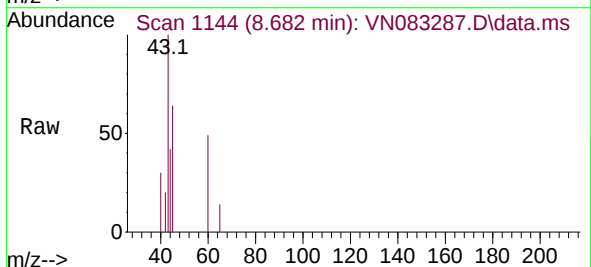


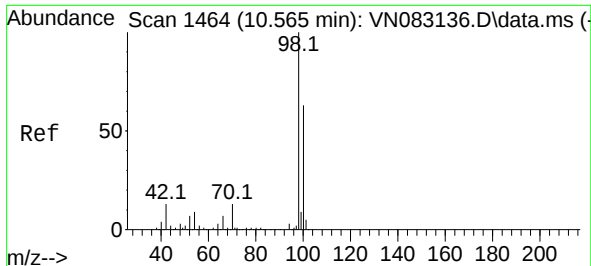
Tgt Ion: 41 Resp: 2932
Ion Ratio Lower Upper
41 100
39 49.7 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion: 43 Resp: 2976
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 53.980 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

Instrument :

MSVOA_N

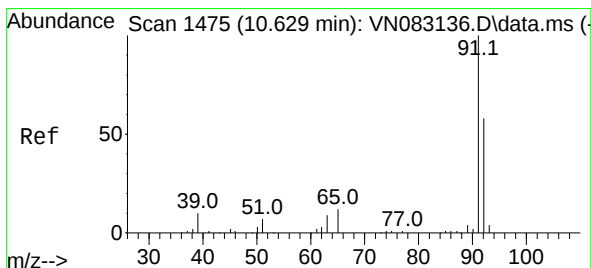
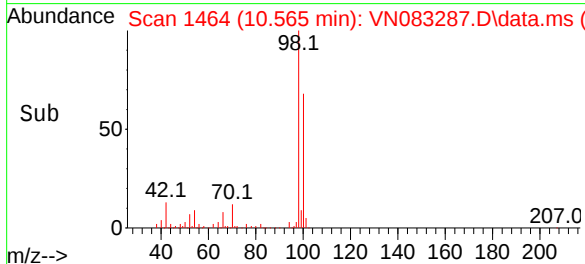
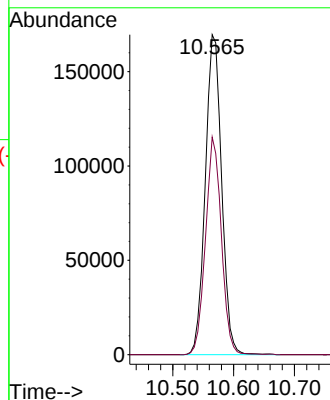
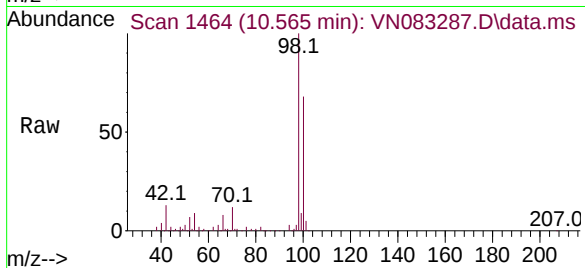
ClientSampleId :

Tgt Ion: 98 Resp: 316687

Ion Ratio Lower Upper

98 100

100 66.0 51.5 77.3



#52

Toluene

Concen: 0.559 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083287.D

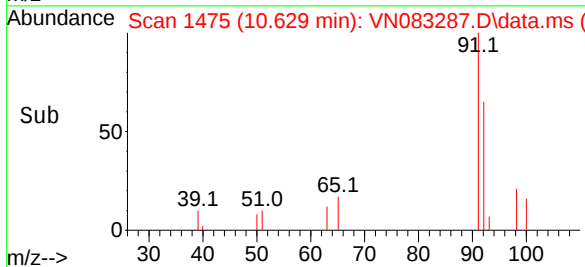
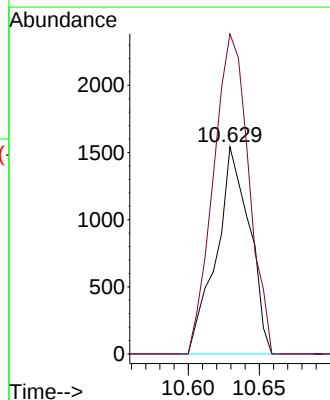
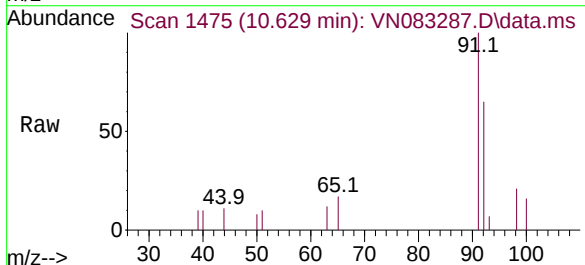
Acq: 14 Aug 2024 08:52

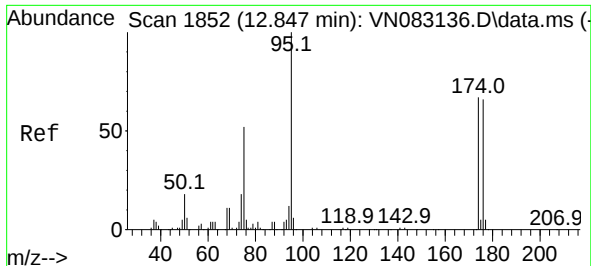
Tgt Ion: 92 Resp: 2504

Ion Ratio Lower Upper

92 100

91 164.7 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 57.743 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

Instrument :

MSVOA_N

ClientSampleId :

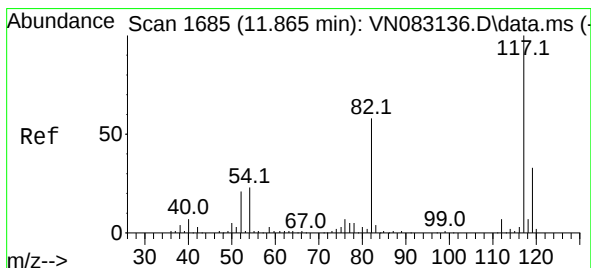
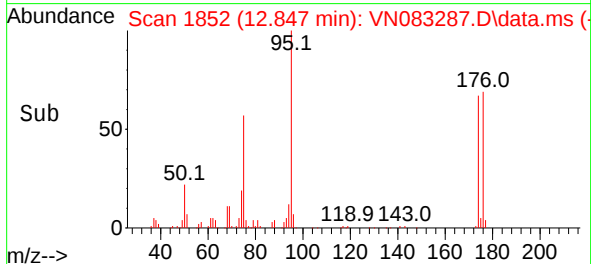
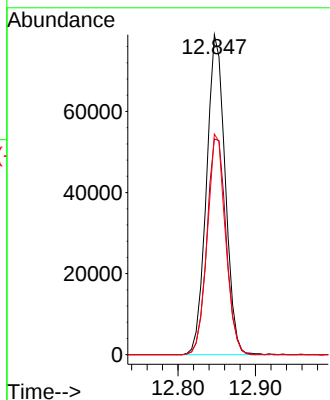
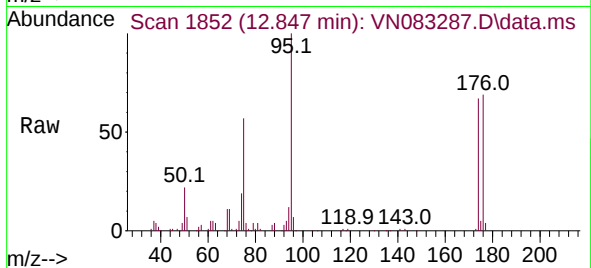
Tgt Ion: 95 Resp: 132070

Ion Ratio Lower Upper

95 100

174 69.4 0.0 159.2

176 67.4 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083287.D

Acq: 14 Aug 2024 08:52

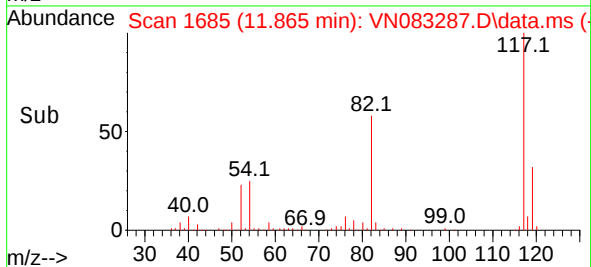
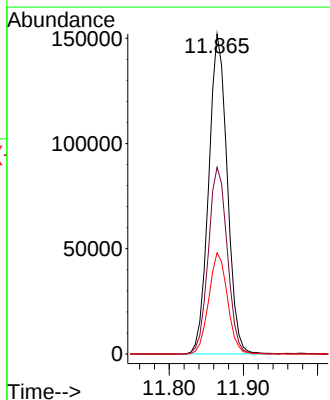
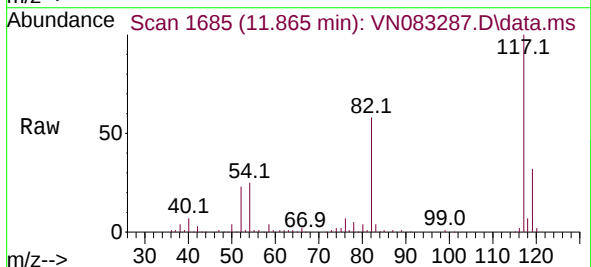
Tgt Ion: 117 Resp: 264206

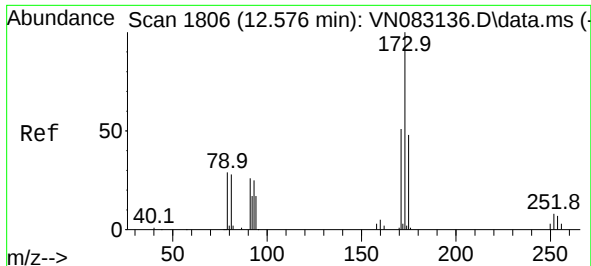
Ion Ratio Lower Upper

117 100

82 58.3 47.5 71.3

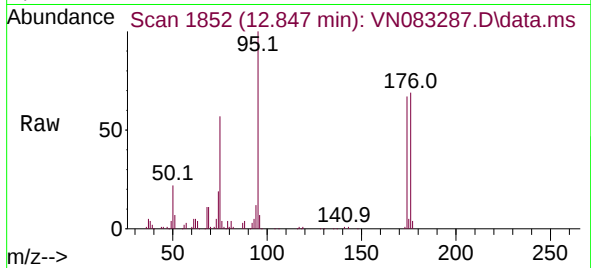
119 31.6 25.6 38.4



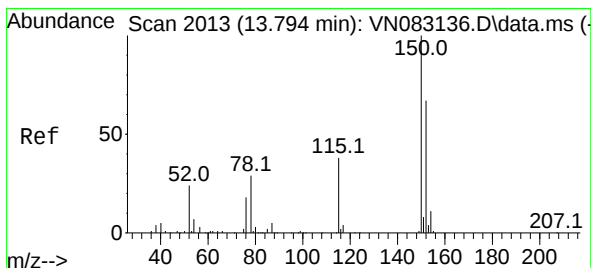
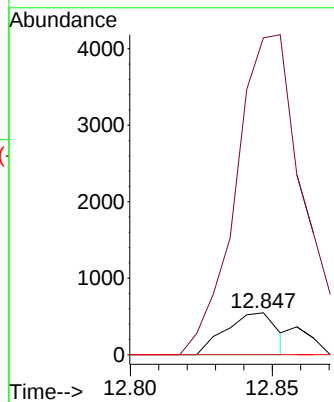
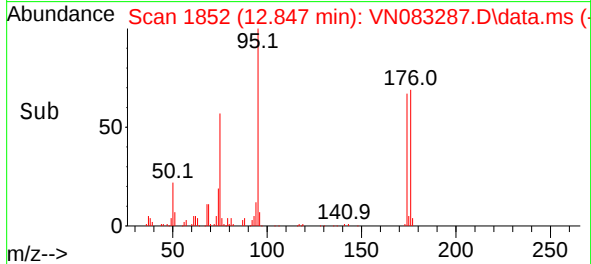


#71
Bromoform
Concen: 0.440 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Instrument :
MSVOA_N
ClientSampleId :

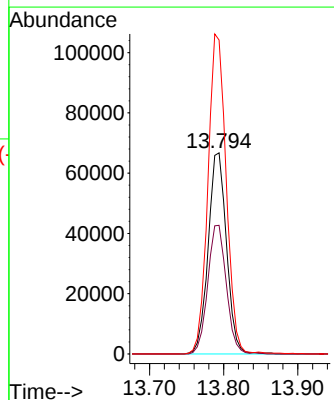
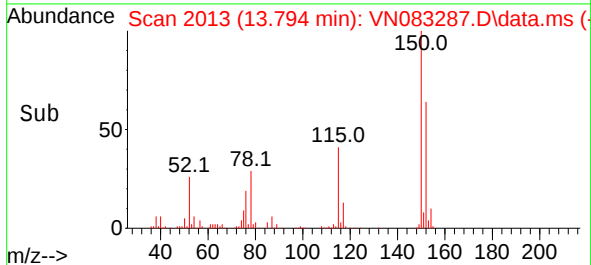
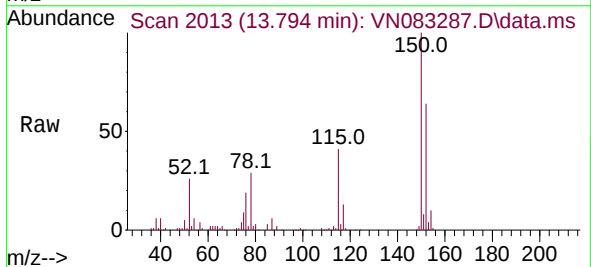


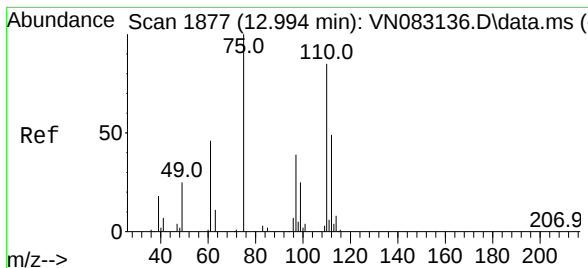
Tgt Ion:173 Resp: 686
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion:152 Resp: 114718
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 158.6 0.0 348.6

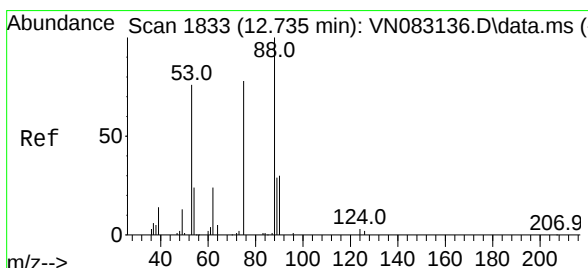
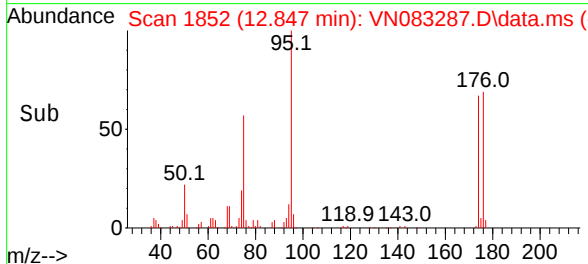
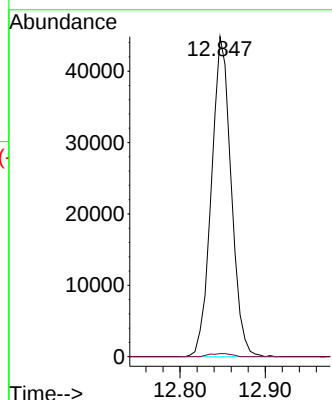
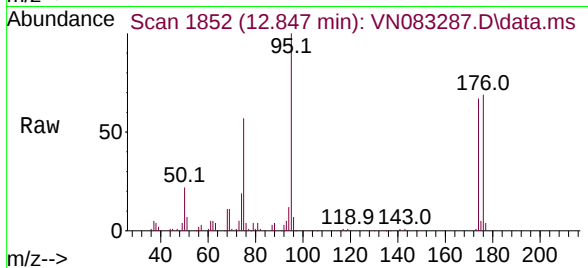




#76
1,2,3-Trichloropropane
Concen: 28.750 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72385
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083287.D
Acq: 14 Aug 2024 08:52

Tgt Ion: 75 Resp: 72385
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

