

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083150.D
 Acq On : 08 Aug 2024 12:57
 Operator : JC\MD
 Sample : P3415-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 08 13:33:58 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)

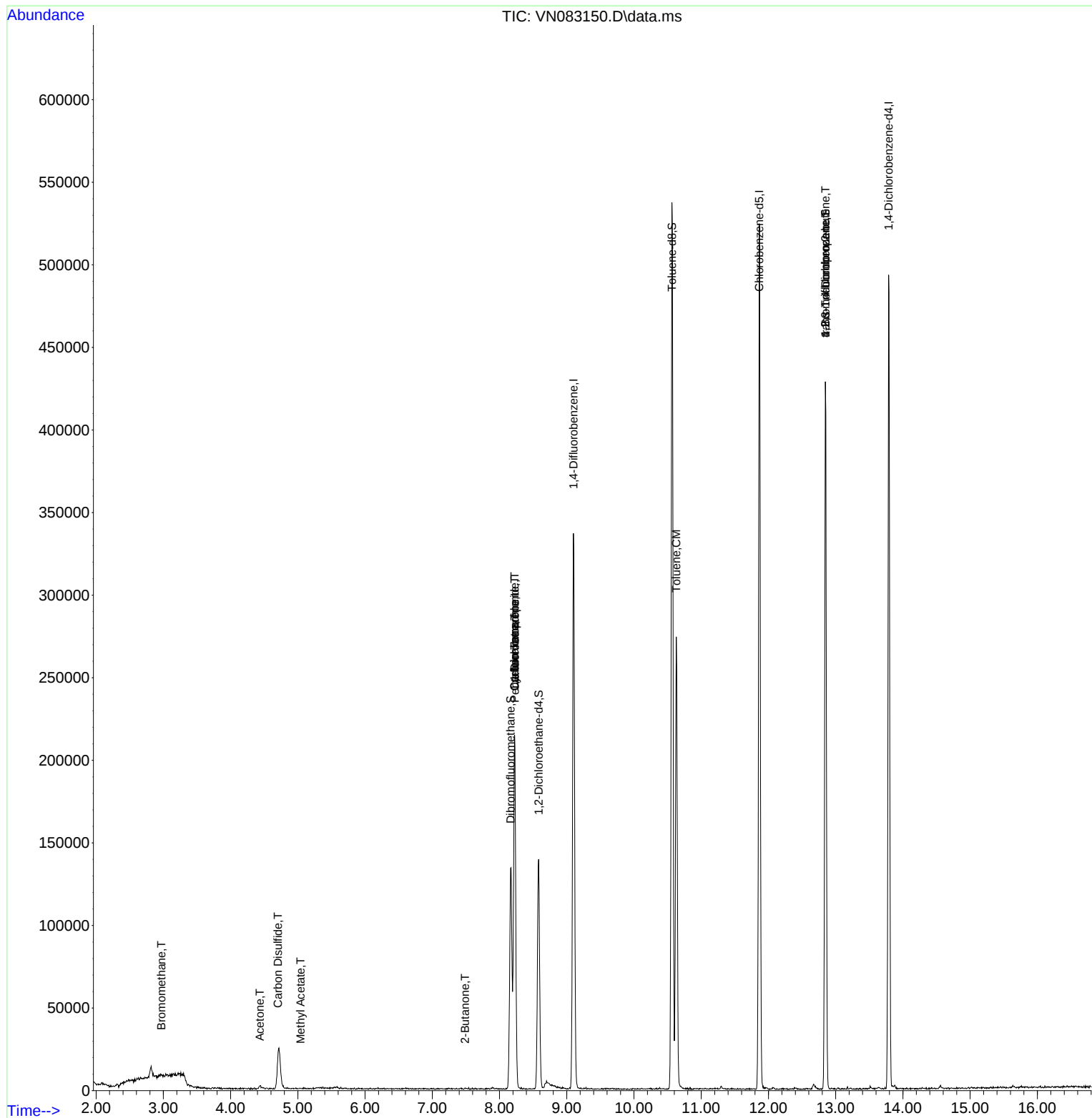
Internal Standards						
1) Pentafluorobenzene	8.229	168	153834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119836	54.728	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.165	113	96797	53.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.900%	
50) Toluene-d8	10.565	98	368880	55.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.847	95	155691	59.667	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 119.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	369	0.326	ug/l	83
16) Acetone	4.436	43	4009	4.679	ug/l	100
17) Carbon Disulfide	4.706	76	1377	0.276	ug/l #	75
18) Methyl Acetate	5.041	43	534	0.209	ug/l #	56
25) 2-Butanone	7.488	43	789	0.600	ug/l #	53
31) Cyclohexane	8.224	56	3919	1.208	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	12966	4.777	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17145	5.608	ug/l #	18
43) Isopropyl Acetate	8.700	43	5246	Below Cal	#	60
52) Toluene	10.629	92	121153	23.714	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	83899	29.514	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83899	64.199	ug/l #	6

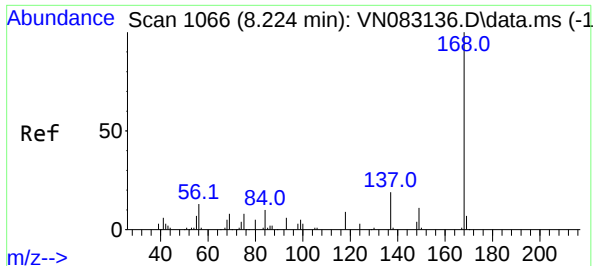
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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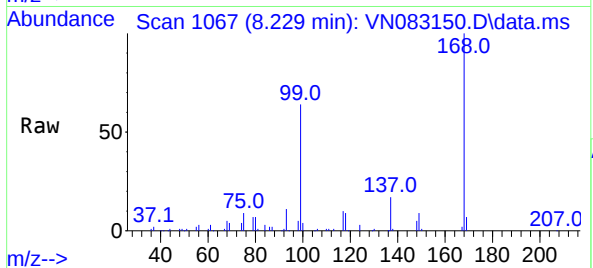
Quant Time: Aug 08 13:33:58 2024
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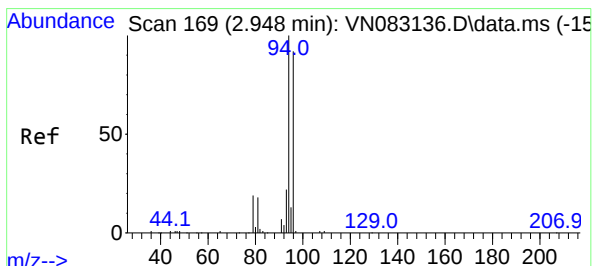
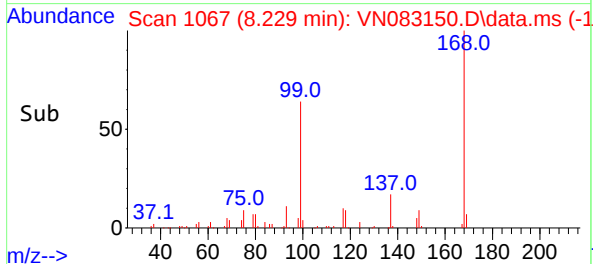
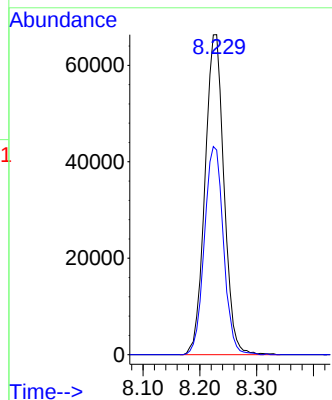


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

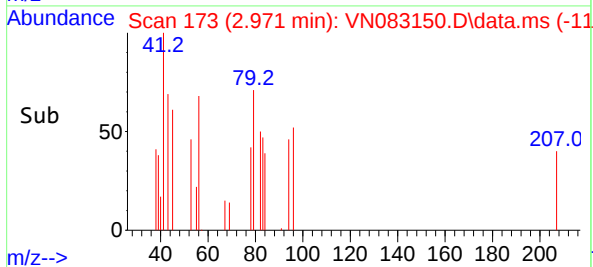
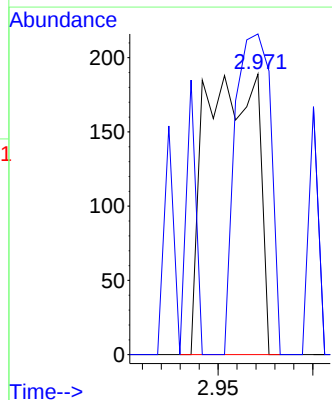
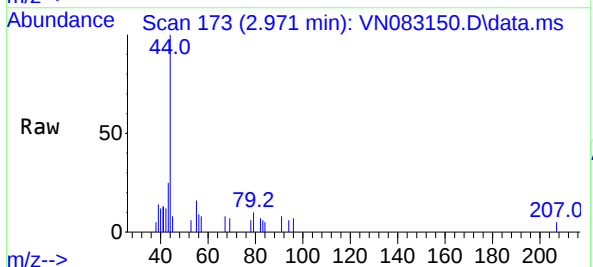


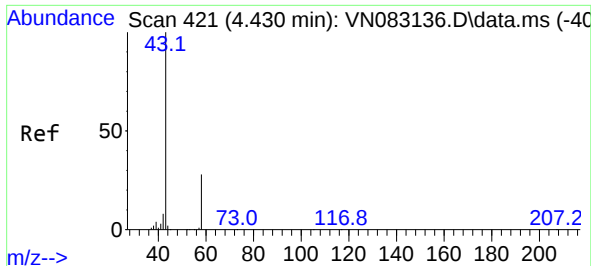
Tgt Ion:168 Resp: 153834
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#5
Bromomethane
Concen: 0.326 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

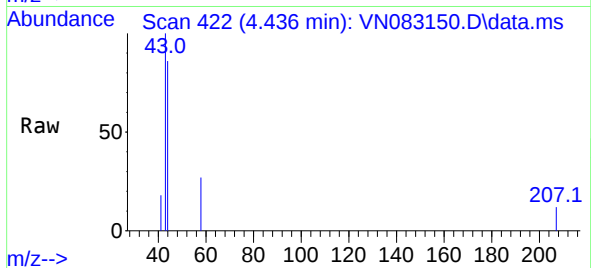
Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 114.3 78.0 117.0



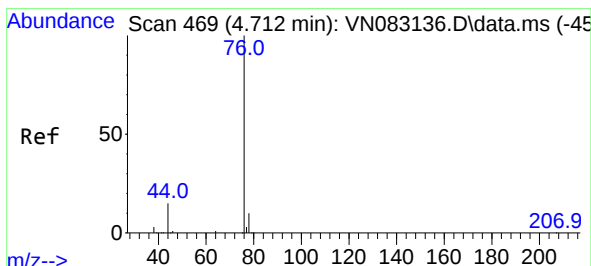
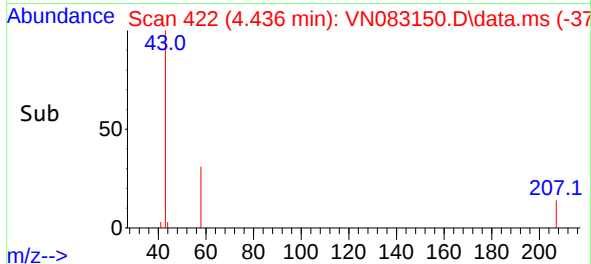
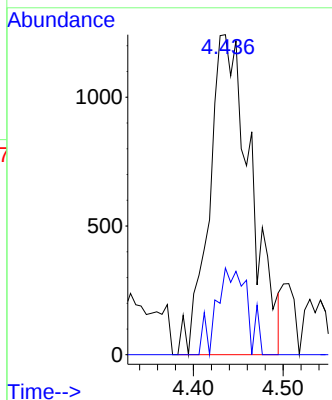


#16
Acetone
Concen: 4.679 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

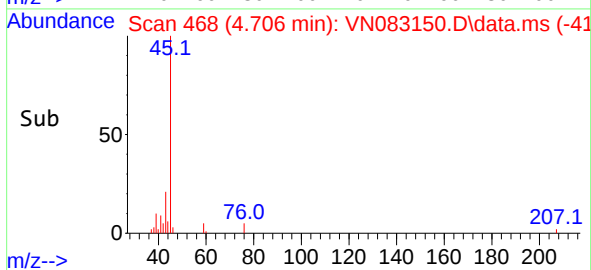
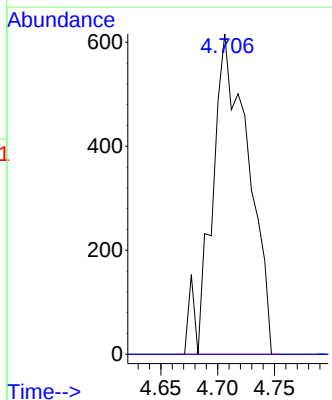
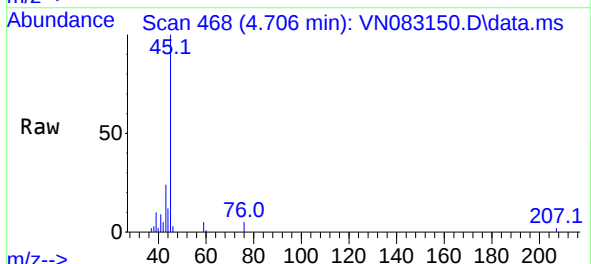


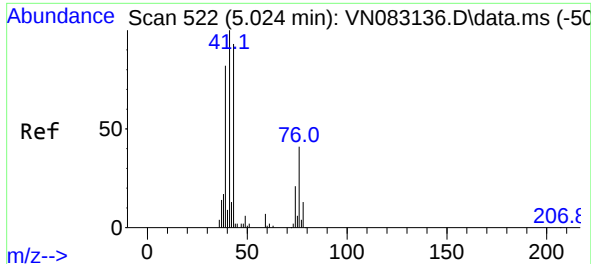
Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.6



#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Tgt Ion: 76 Resp: 1377
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.209 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.018 min

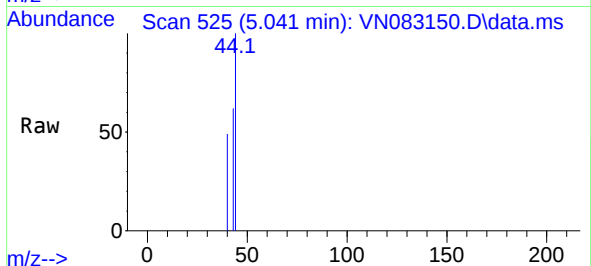
Lab File: VN083150.D

Acq: 08 Aug 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

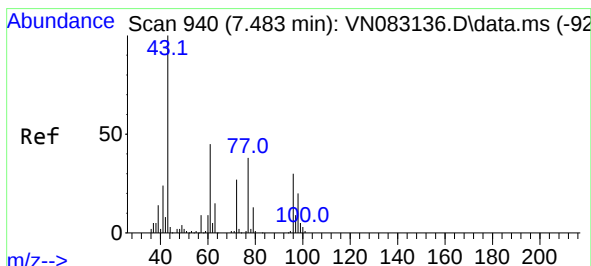
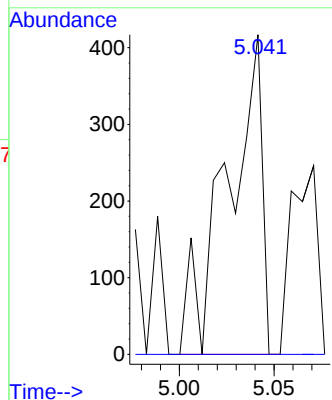


Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#25

2-Butanone

Concen: 0.600 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083150.D

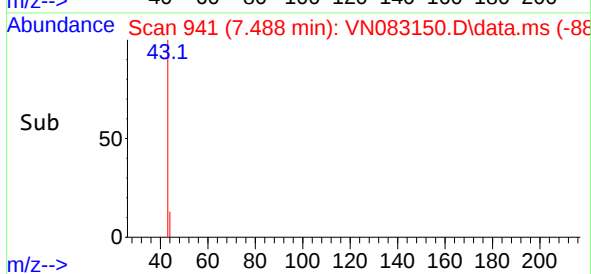
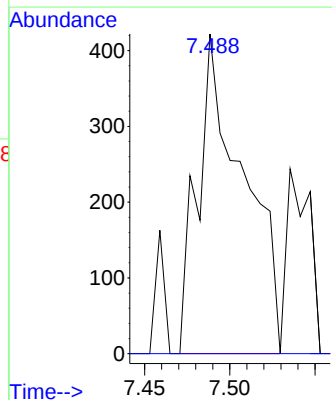
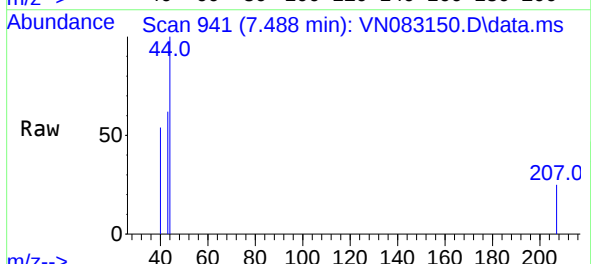
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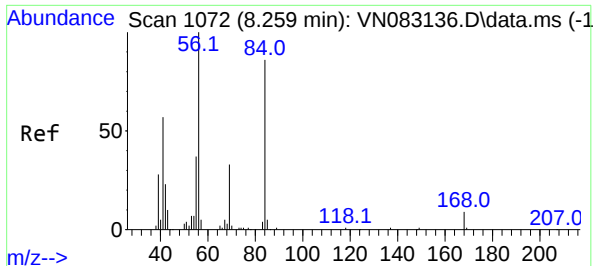
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

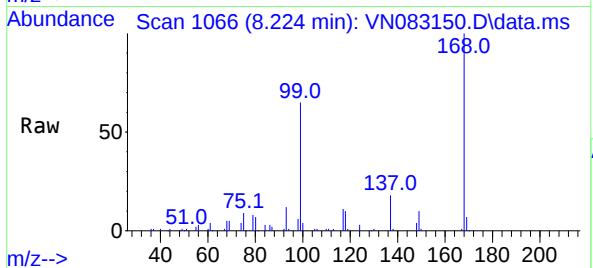
Lab File: VN083150.D

Acq: 08 Aug 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :



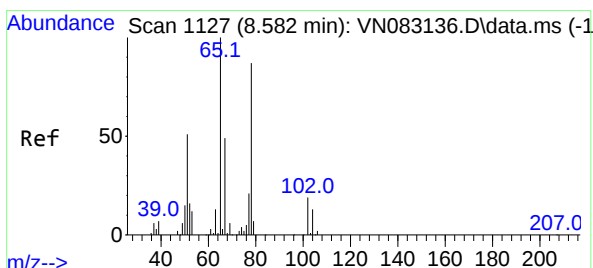
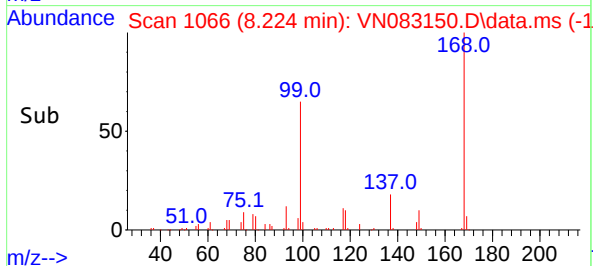
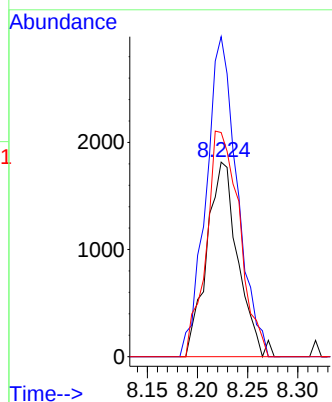
Tgt Ion: 56 Resp: 3919

Ion Ratio Lower Upper

56 100

69 164.5 24.5 36.7#

84 115.2 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 54.728 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083150.D

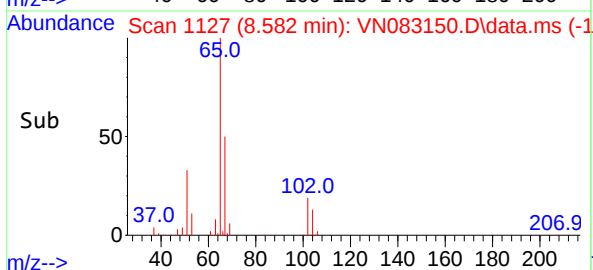
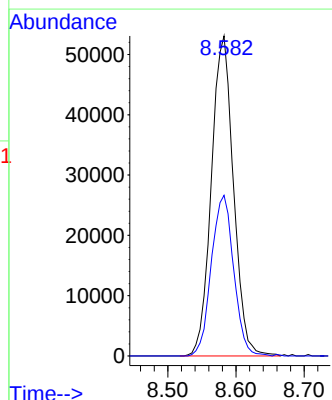
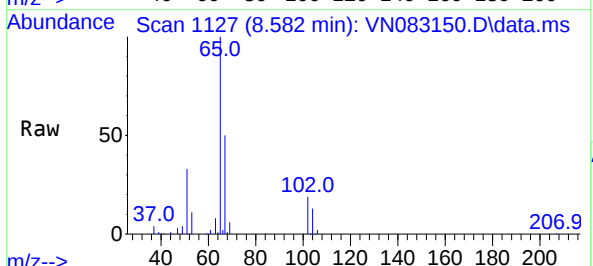
Acq: 08 Aug 2024 12:57

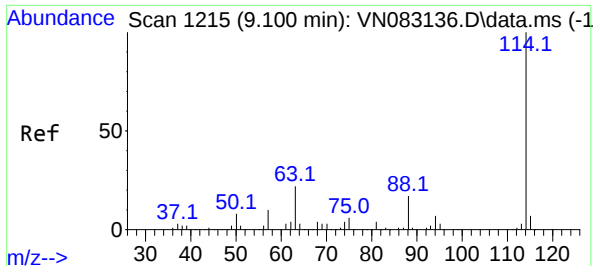
Tgt Ion: 65 Resp: 119836

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4

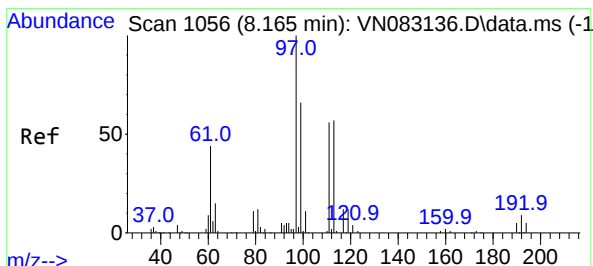
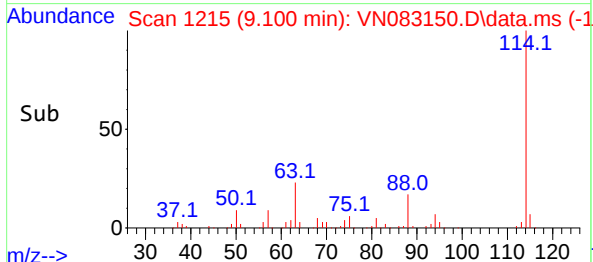
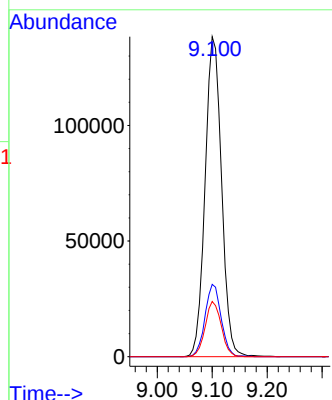
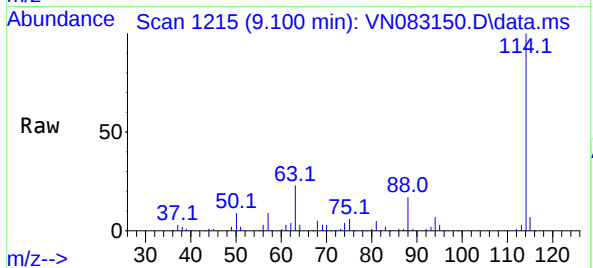




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

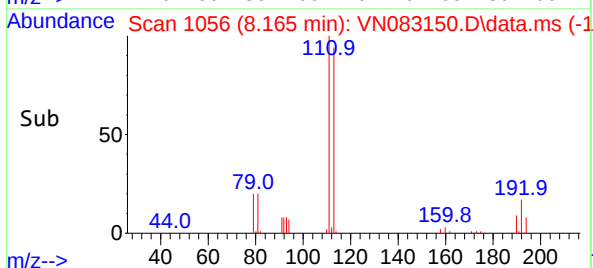
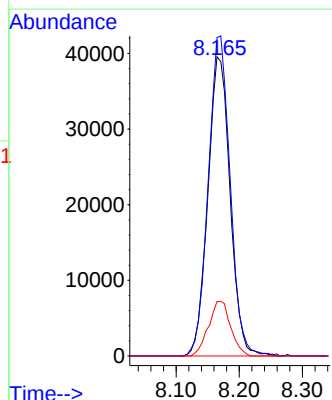
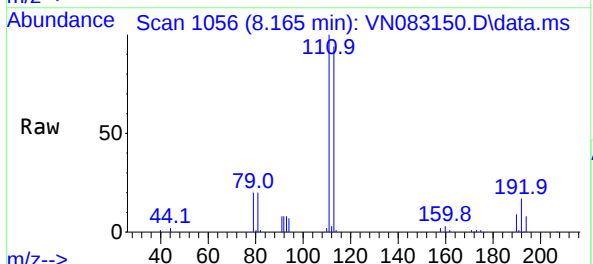
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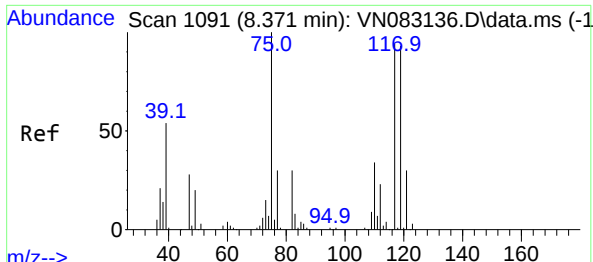
Tgt Ion:114 Resp: 287462
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.948 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

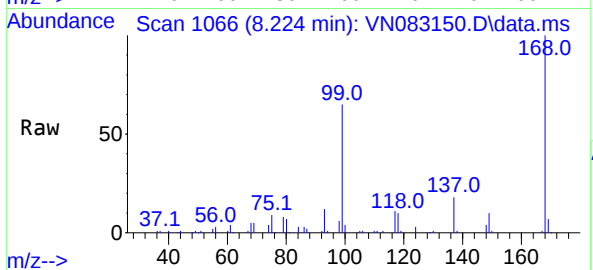
Tgt Ion:113 Resp: 96797
Ion Ratio Lower Upper
113 100
111 105.5 82.4 123.6
192 18.2 14.9 22.3



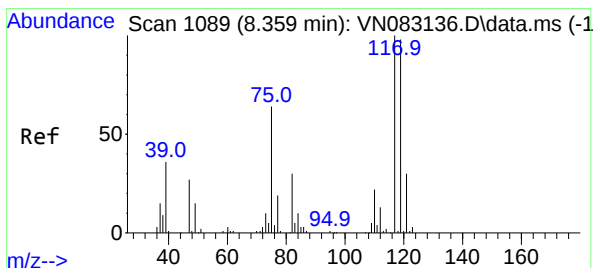
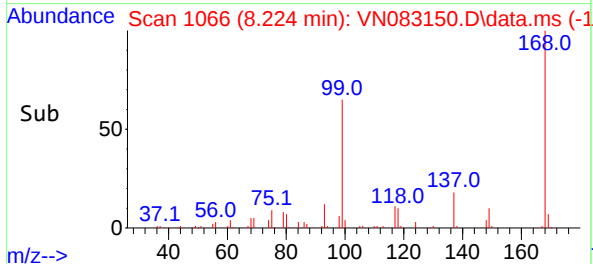
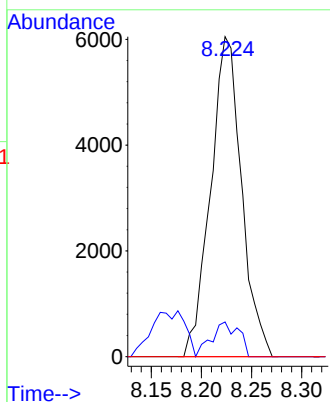


#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

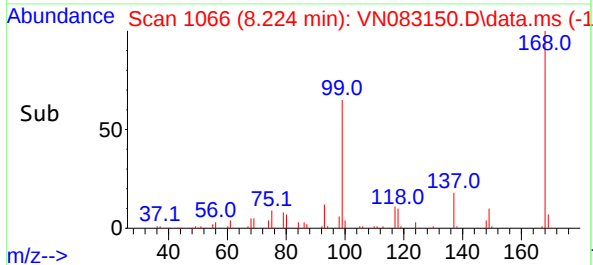
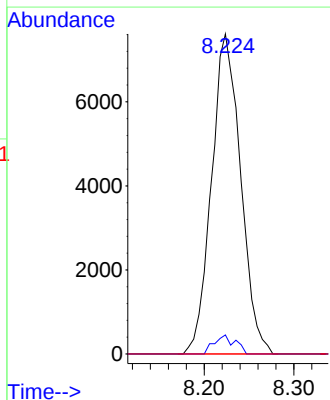
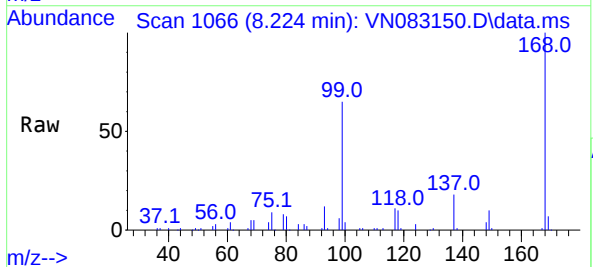


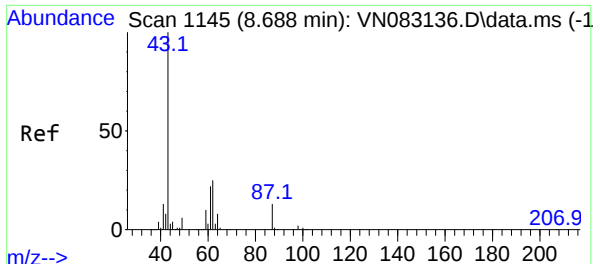
Tgt Ion: 75 Resp: 12966
Ion Ratio Lower Upper
75 100
110 9.5 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.608 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

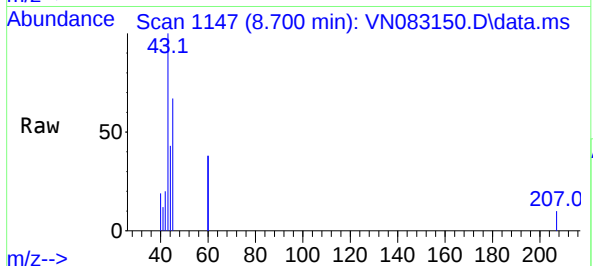
Tgt Ion: 117 Resp: 17145
Ion Ratio Lower Upper
117 100
119 6.0 74.9 112.3#
121 0.0 24.3 36.5#



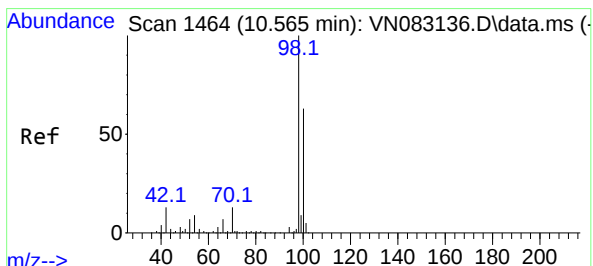
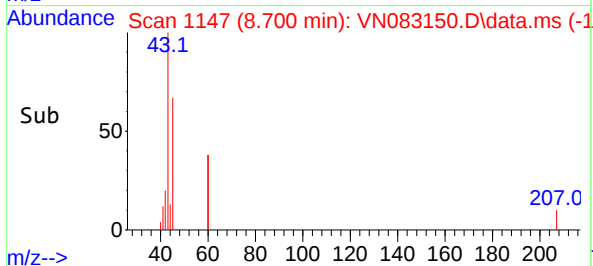
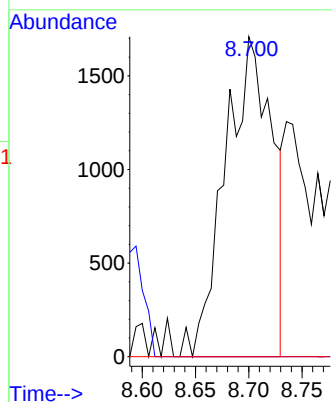


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

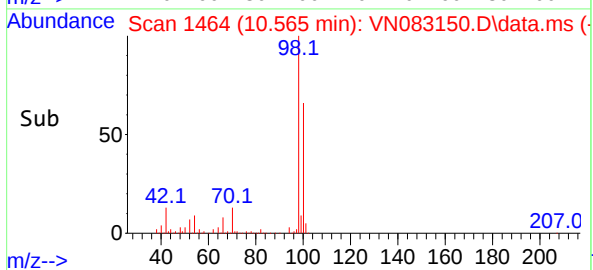
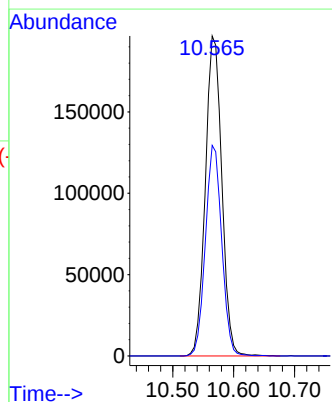
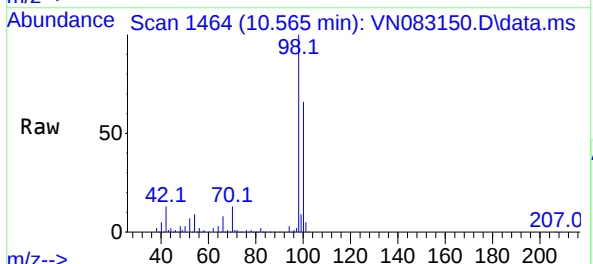


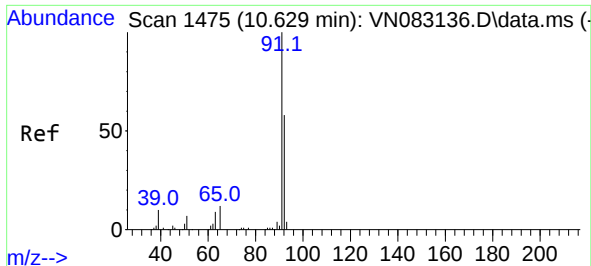
Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.114 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

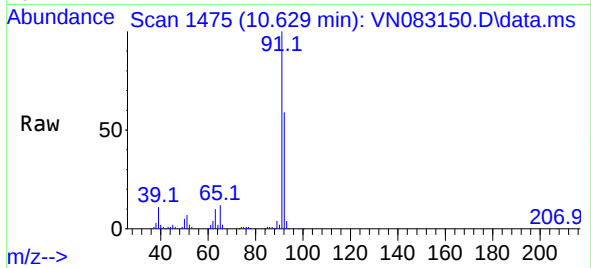
Tgt Ion: 98 Resp: 368880
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



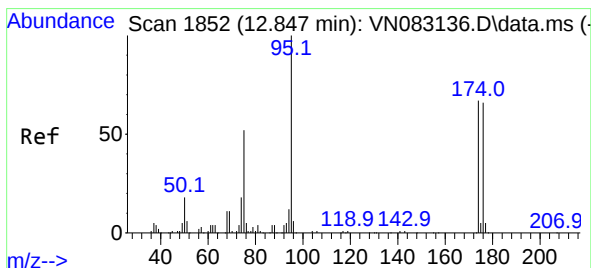
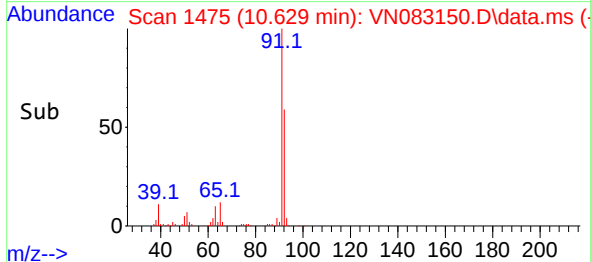
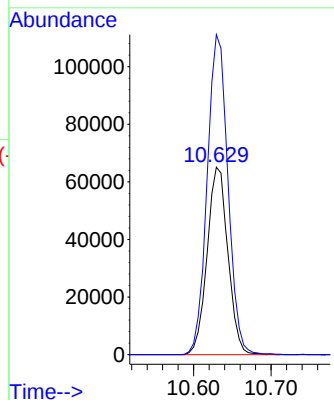


#52
Toluene
Concen: 23.714 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

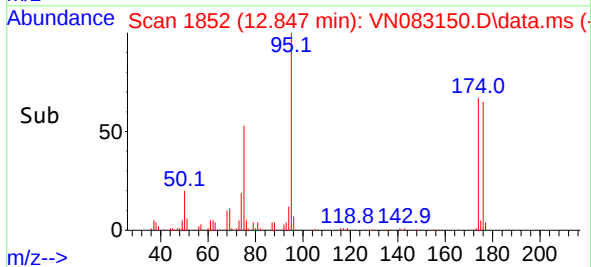
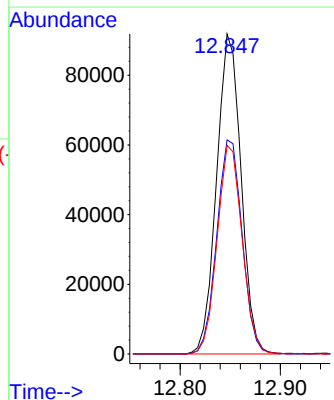
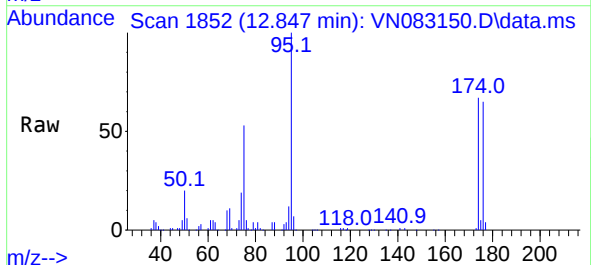


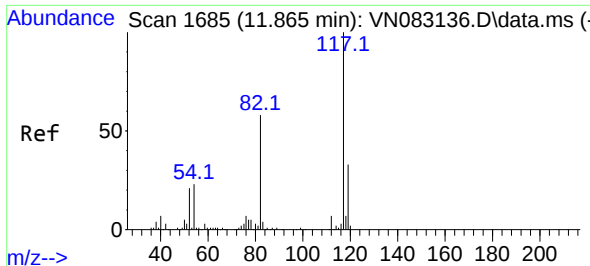
Tgt Ion: 92 Resp: 121153
Ion Ratio Lower Upper
92 100
91 170.7 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 59.667 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

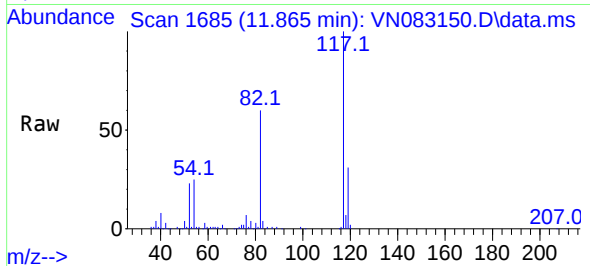
Tgt Ion: 95 Resp: 155691
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 66.6 0.0 147.6



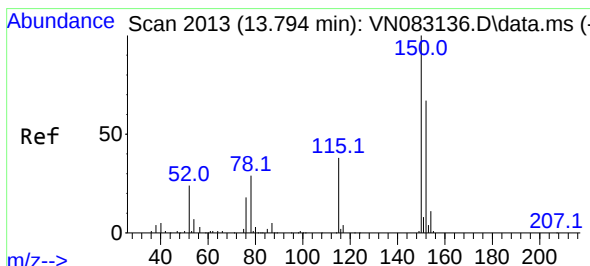
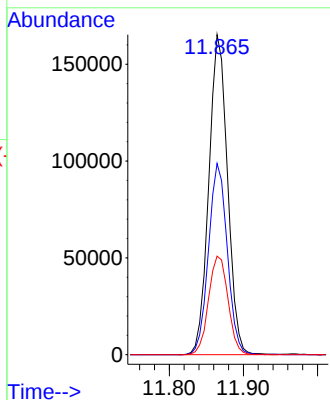
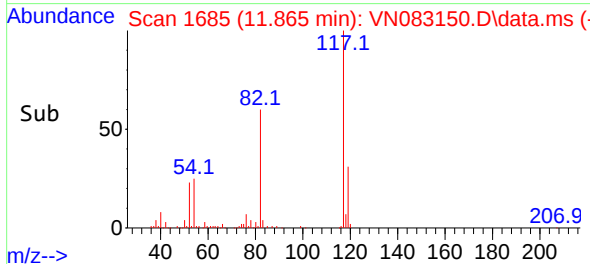


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

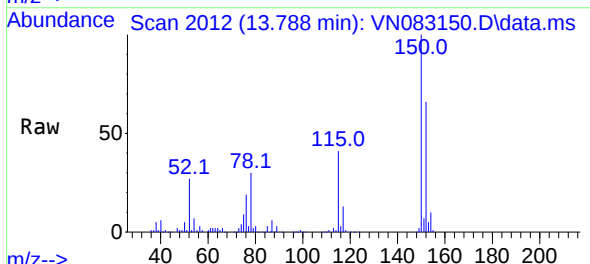
Instrument :
MSVOA_N
ClientSampleId :



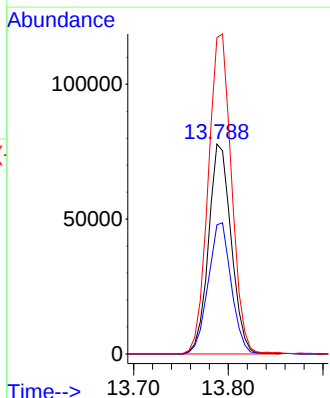
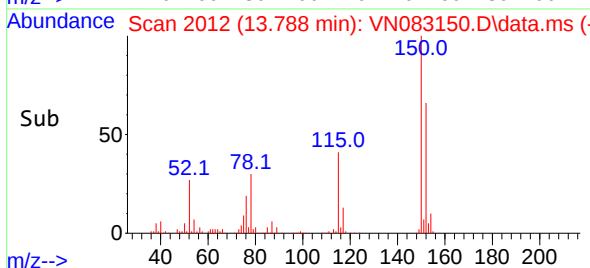
Tgt Ion:117 Resp: 289869
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 30.8 25.6 38.4

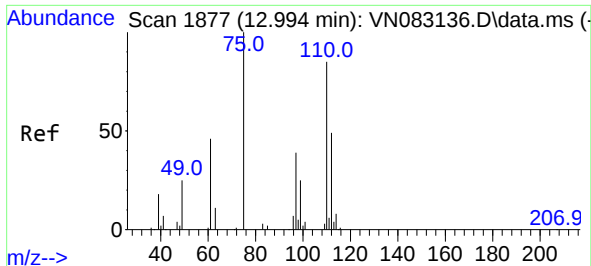


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57



Tgt Ion:152 Resp: 129524
Ion Ratio Lower Upper
152 100
115 63.8 30.6 91.6
150 156.9 0.0 348.6

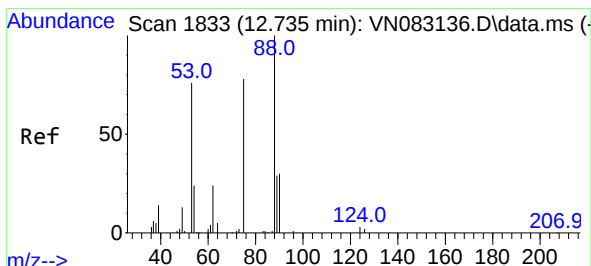
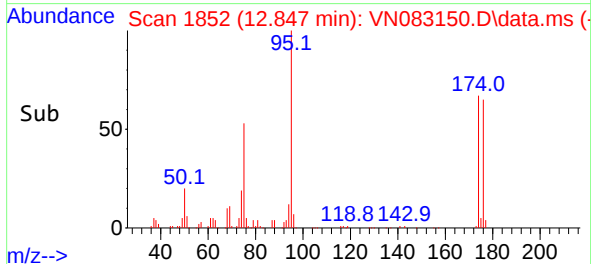
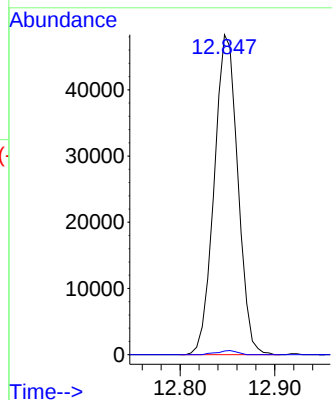
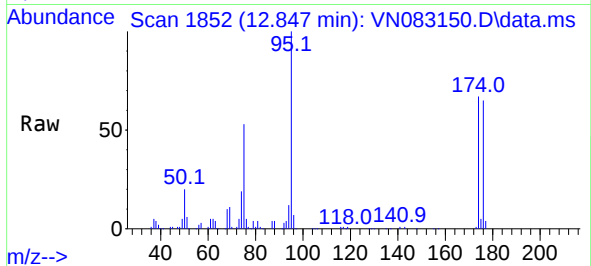




#76
1,2,3-Trichloropropane
Concen: 29.514 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 83899
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Tgt Ion: 75 Resp: 83899
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

