

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083192.D
 Acq On : 09 Aug 2024 19:14
 Operator : JC\MD
 Sample : P3393-19DL 100X
 Misc : 8.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 01:03:41 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	136512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116074	59.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.480%	
35) Dibromofluoromethane	8.171	113	88739	54.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.720%	
50) Toluene-d8	10.571	98	341829	56.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.280%	
62) 4-Bromofluorobenzene	12.847	95	144423	60.836	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 121.680%	

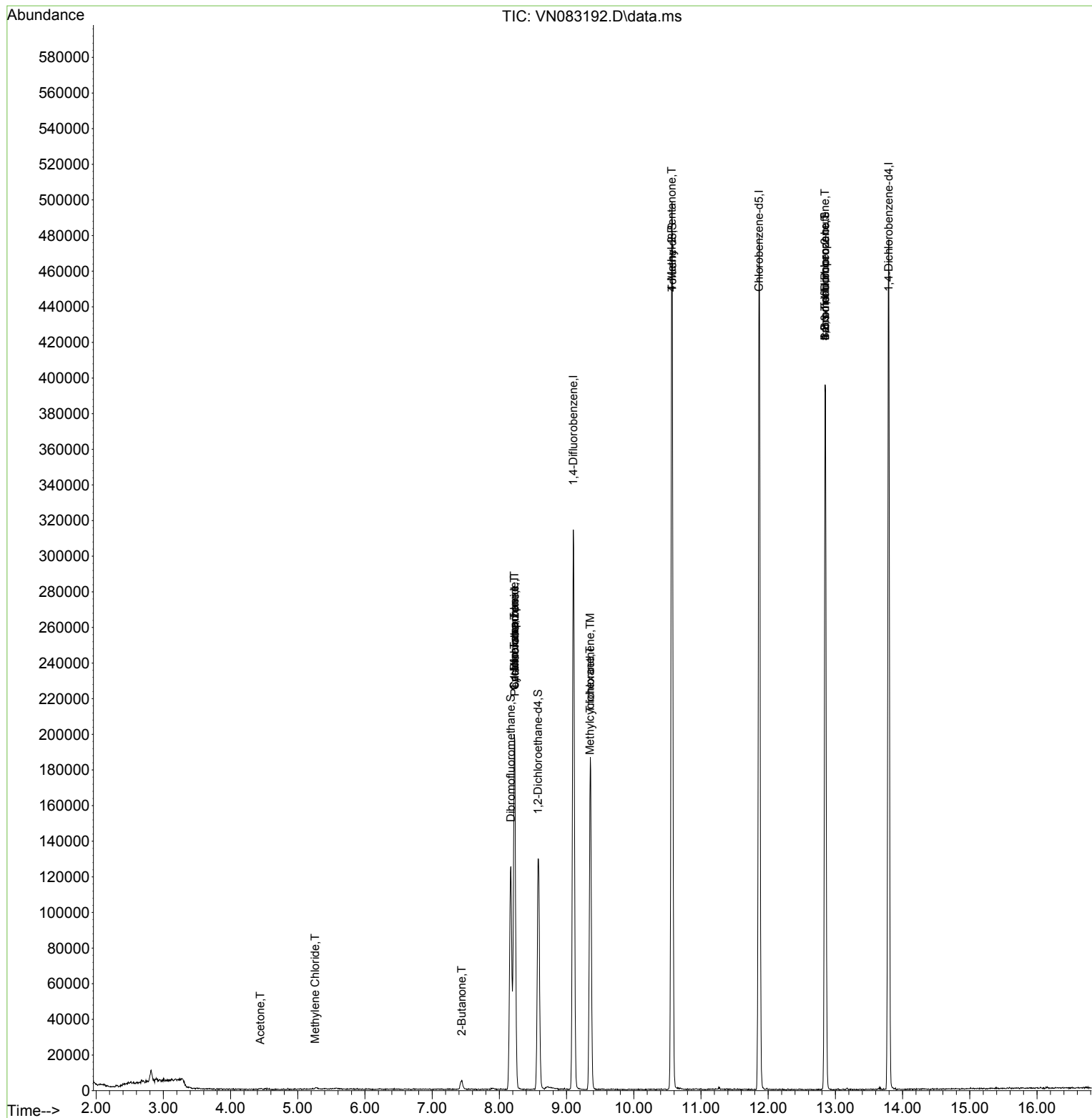
Target Compounds			Qvalue			
16) Acetone	4.441	43	715	0.940	ug/l #	48
20) Methylene Chloride	5.259	84	438	0.250	ug/l #	57
25) 2-Butanone	7.441	43	280	0.240	ug/l #	53
31) Cyclohexane	8.224	56	3539	1.229	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	12981	5.257	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15299	5.501	ug/l #	17
39) Methylcyclohexane	9.347	83	608	0.200	ug/l #	1
43) Isopropyl Acetate	8.706	43	986	Below Cal	#	60
44) Trichloroethene	9.353	130	64640	36.916	ug/l	88
51) 4-Methyl-2-Pentanone	10.565	43	1692	0.647	ug/l #	1
71) Bromoform	12.847	173	442	0.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80199	29.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80199	64.889	ug/l #	6

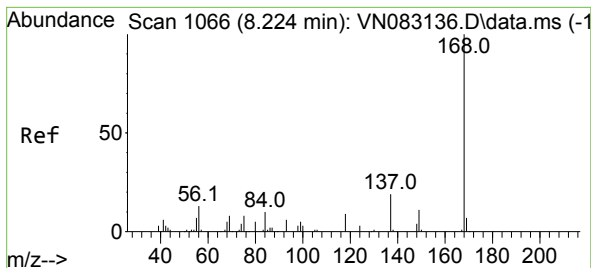
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN083192.D

Acq: 09 Aug 2024 19:14

Instrument :

MSVOA_N

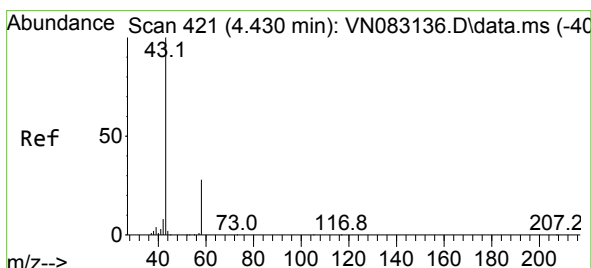
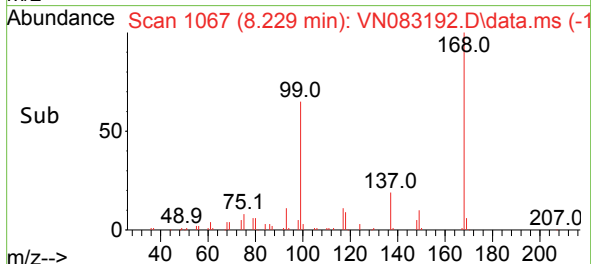
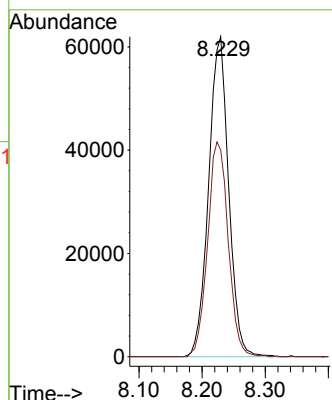
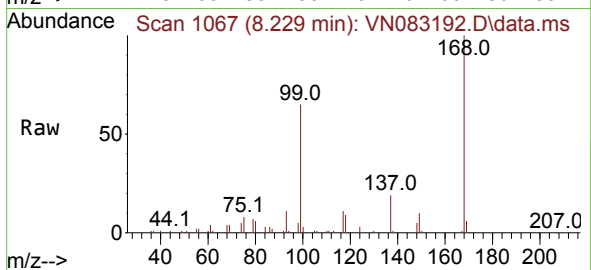
ClientSampleId :

Tgt Ion:168 Resp: 136512

Ion Ratio Lower Upper

168 100

99 64.6 48.2 72.4



#16

Acetone

Concen: 0.940 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083192.D

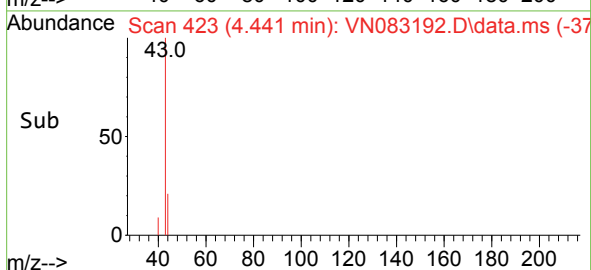
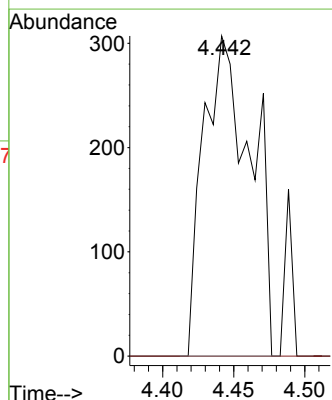
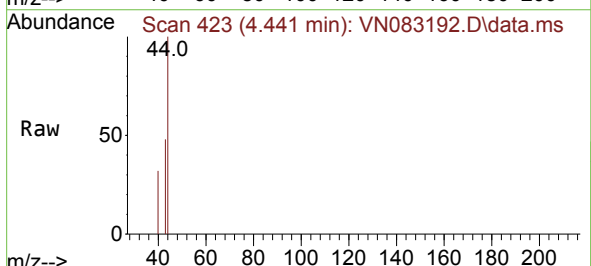
Acq: 09 Aug 2024 19:14

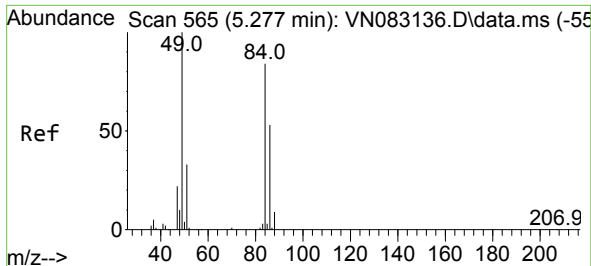
Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#





#20

Methylene Chloride

Concen: 0.250 ug/l

RT: 5.259 min Scan# 51

Delta R.T. -0.018 min

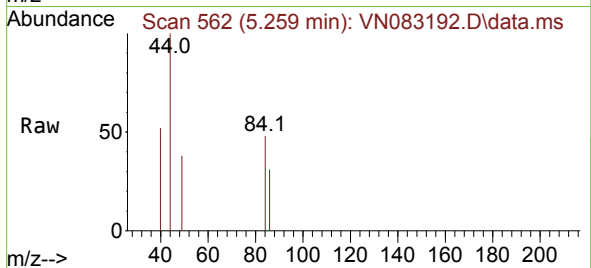
Lab File: VN083192.D

Acq: 09 Aug 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 438

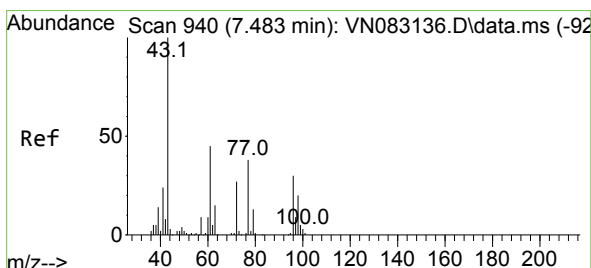
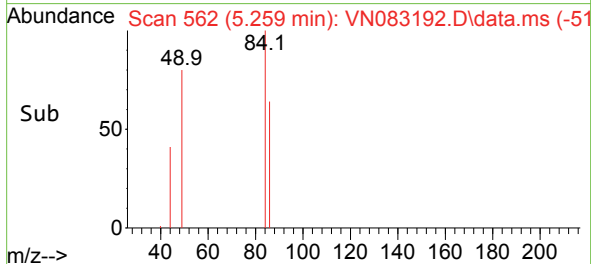
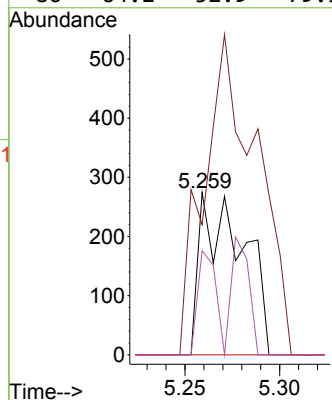
Ion Ratio Lower Upper

84 100

49 80.3 119.6 179.4#

51 0.0 34.8 52.2#

86 64.2 52.9 79.3



#25

2-Butanone

Concen: 0.240 ug/l

RT: 7.441 min Scan# 933

Delta R.T. -0.041 min

Lab File: VN083192.D

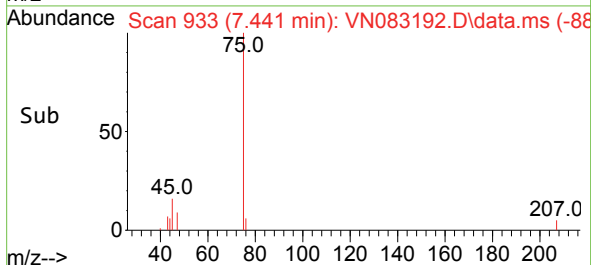
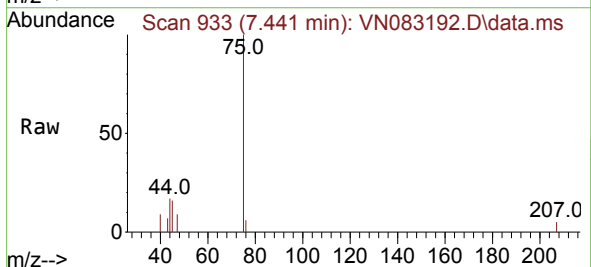
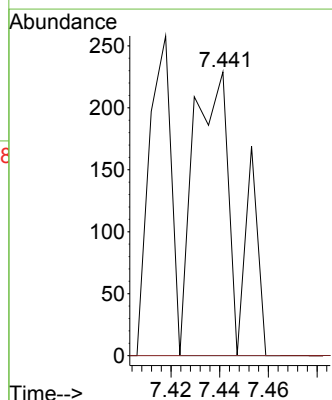
Acq: 09 Aug 2024 19:14

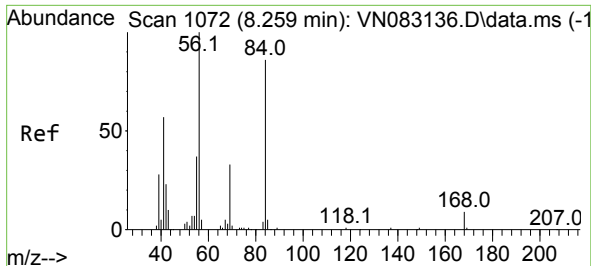
Tgt Ion: 43 Resp: 280

Ion Ratio Lower Upper

43 100

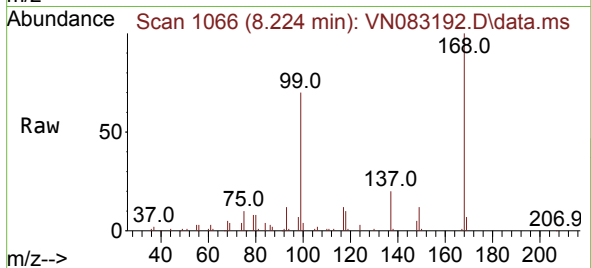
72 0.0 18.2 27.2#



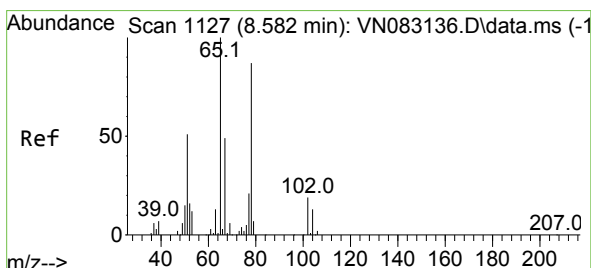
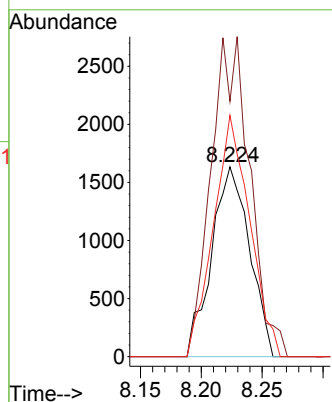
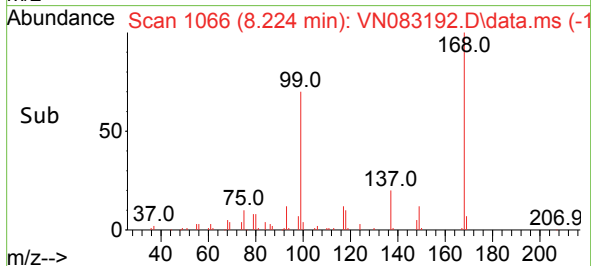


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :

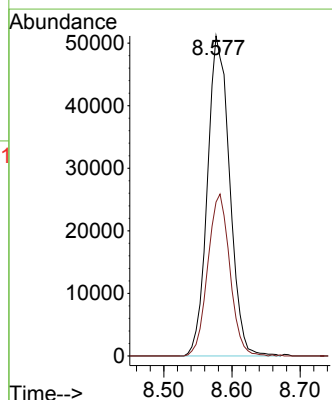
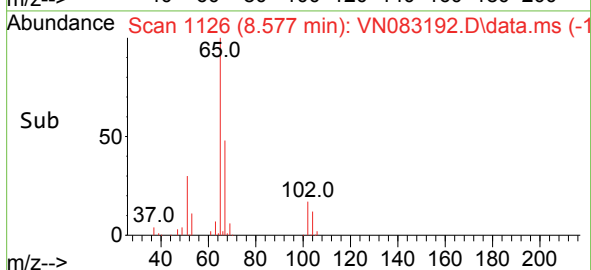
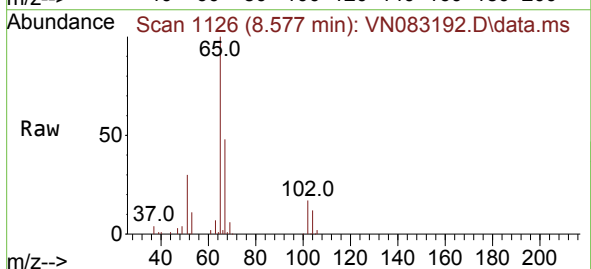


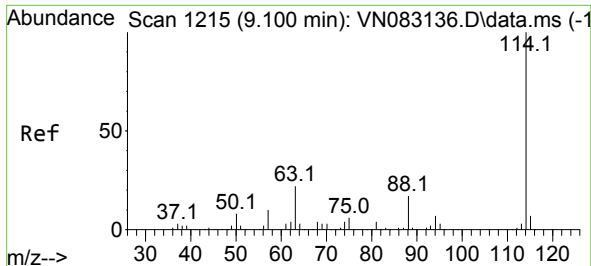
Tgt Ion: 56 Resp: 3539
Ion Ratio Lower Upper
56 100
69 134.7 24.5 36.7#
84 127.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.737 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

Tgt Ion: 65 Resp: 116074
Ion Ratio Lower Upper
65 100
67 50.2 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: VN083192.D

Acq: 09 Aug 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

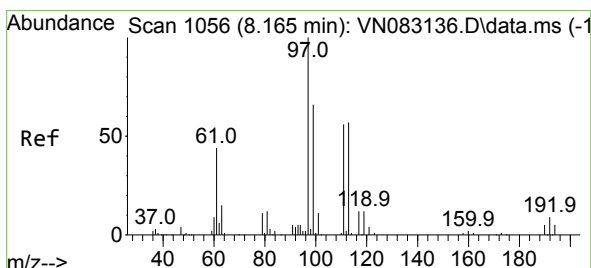
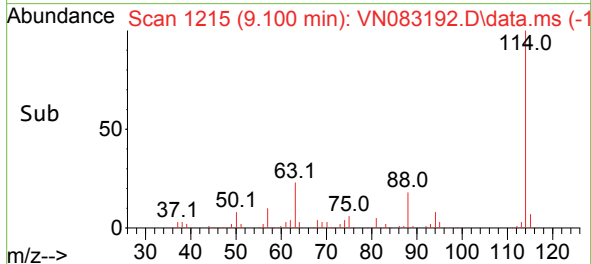
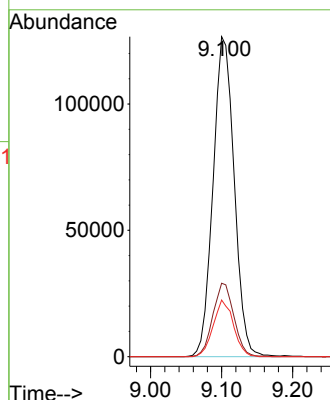
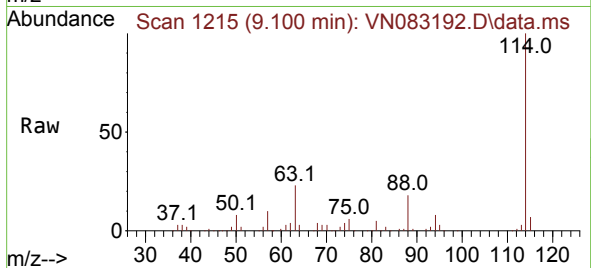
Tgt Ion:114 Resp: 261533

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.360 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083192.D

Acq: 09 Aug 2024 19:14

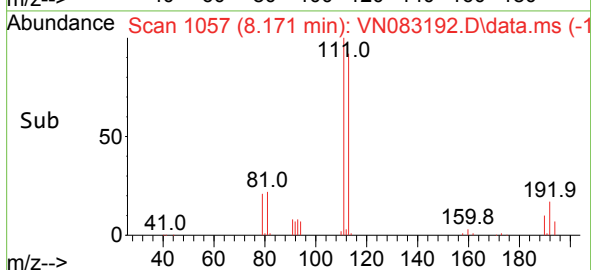
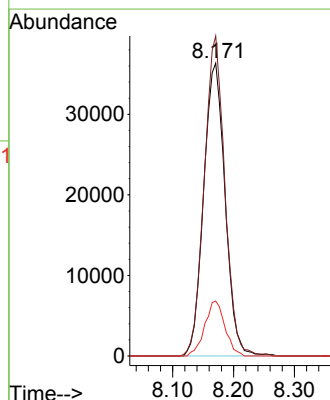
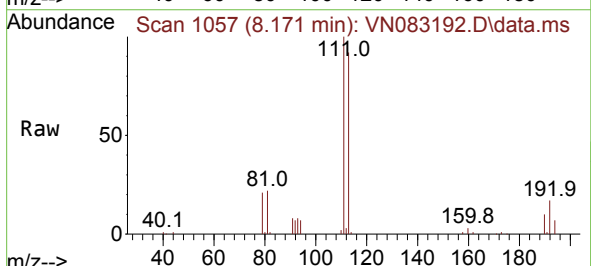
Tgt Ion:113 Resp: 88739

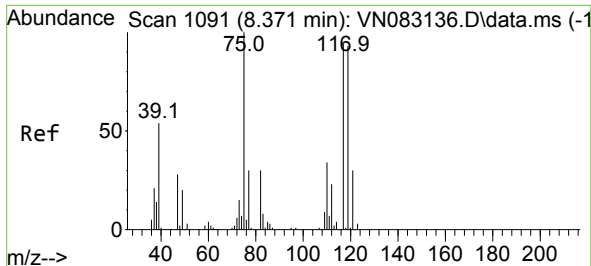
Ion Ratio Lower Upper

113 100

111 105.4 82.4 123.6

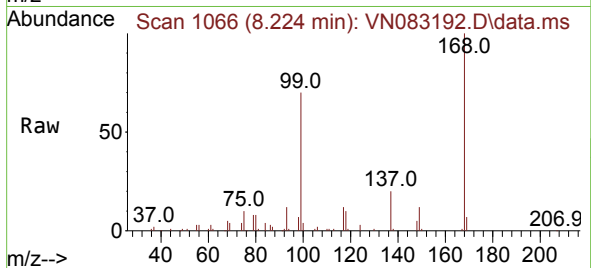
192 17.7 14.9 22.3



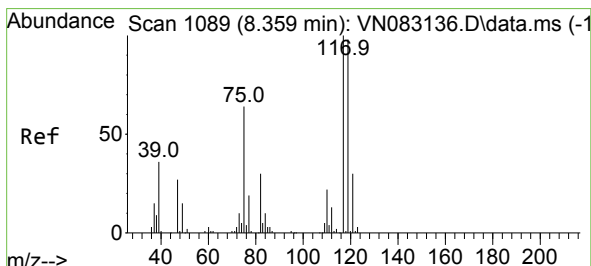
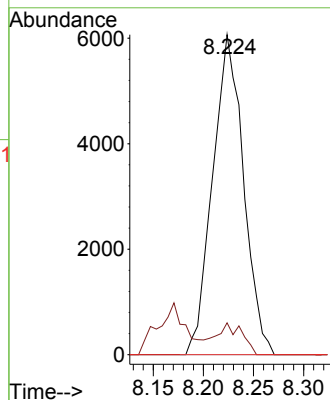
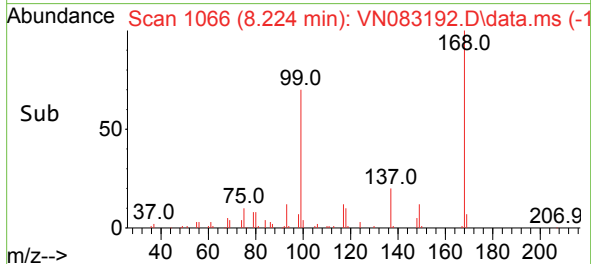


#36
 1,1-Dichloropropene
 Concen: 5.257 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083192.D
 Acq: 09 Aug 2024 19:14

Instrument :
 MSVOA_N
 ClientSampleId :

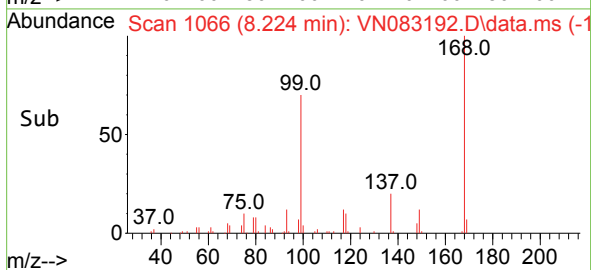
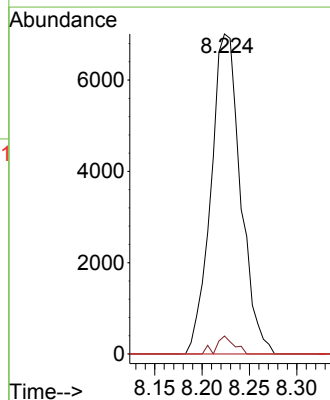
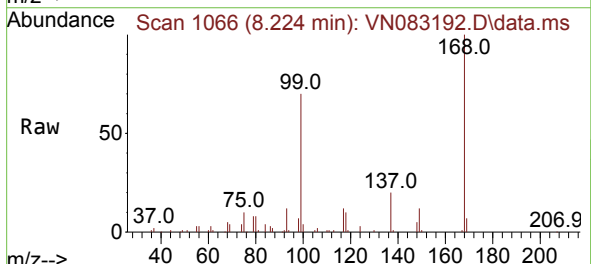


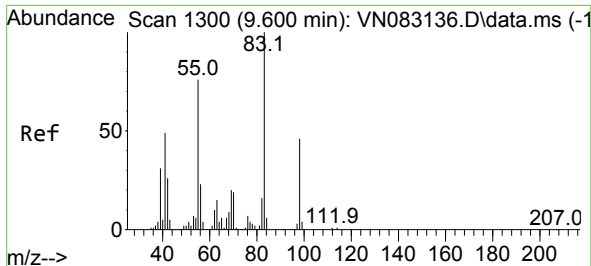
Tgt Ion: 75 Resp: 12981
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.3 48.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.501 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083192.D
 Acq: 09 Aug 2024 19:14

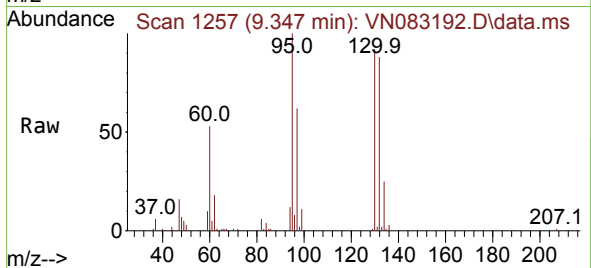
Tgt Ion: 117 Resp: 15299
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.9 112.3#
 121 0.0 24.3 36.5#



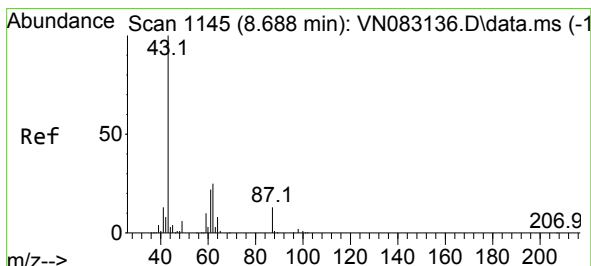
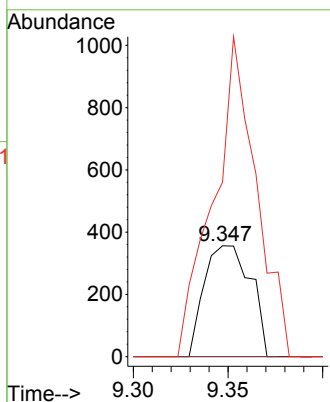
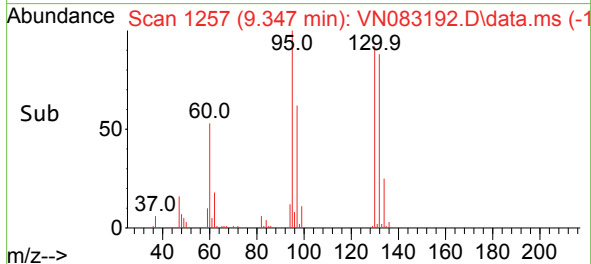


#39
Methylcyclohexane
Concen: 0.200 ug/l
RT: 9.347 min Scan# 1125
Delta R.T. -0.253 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

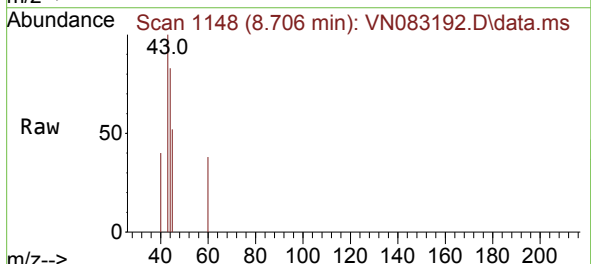
Instrument :
MSVOA_N
ClientSampleId :



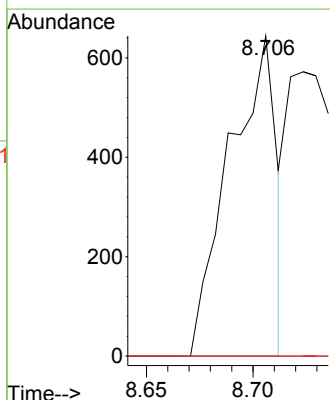
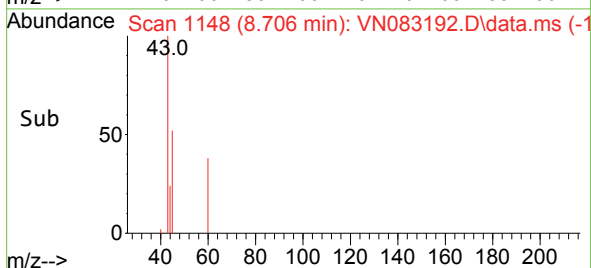
Tgt Ion: 83 Resp: 608
Ion Ratio Lower Upper
83 100
55 0.0 66.4 99.6#
98 157.3 40.7 61.1#

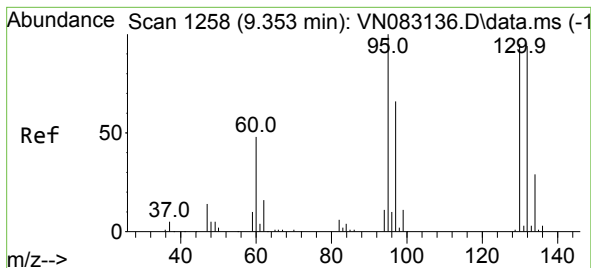


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14



Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#44

Trichloroethene

Concen: 36.916 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083192.D

Acq: 09 Aug 2024 19:14

Instrument :

MSVOA_N

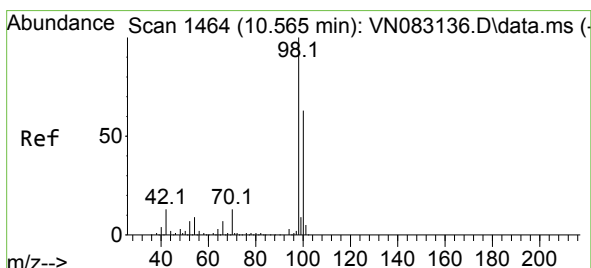
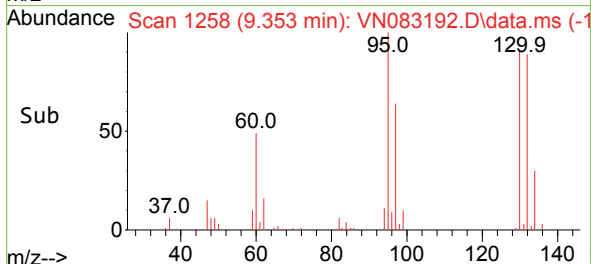
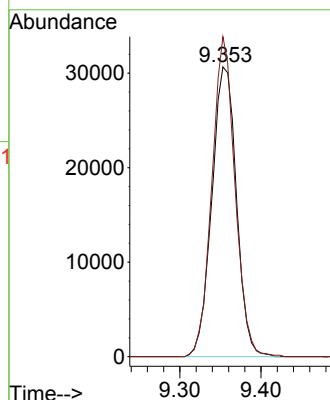
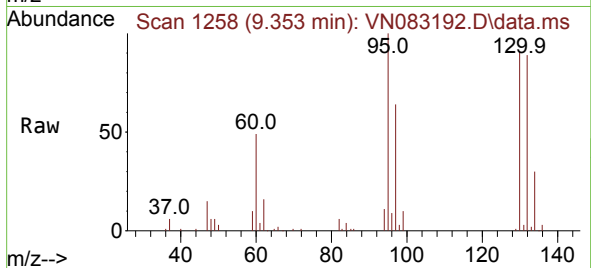
ClientSampleId :

Tgt Ion:130 Resp: 64640

Ion Ratio Lower Upper

130 100

95 110.4 0.0 197.8



#50

Toluene-d8

Concen: 56.135 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083192.D

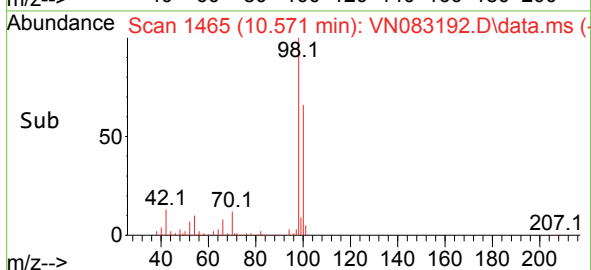
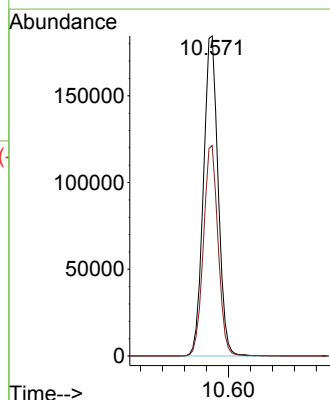
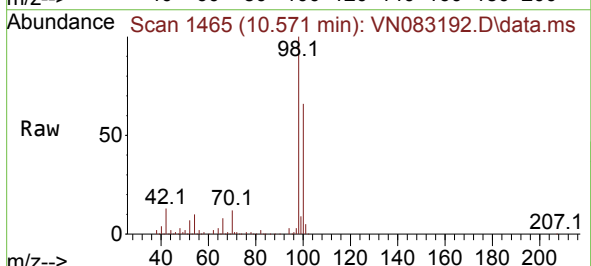
Acq: 09 Aug 2024 19:14

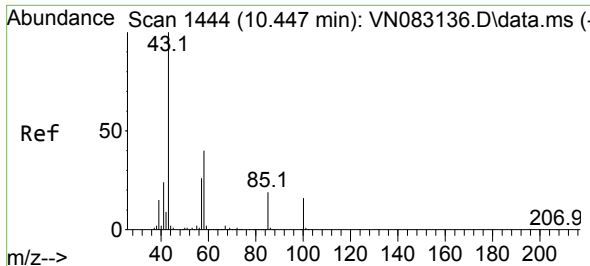
Tgt Ion: 98 Resp: 341829

Ion Ratio Lower Upper

98 100

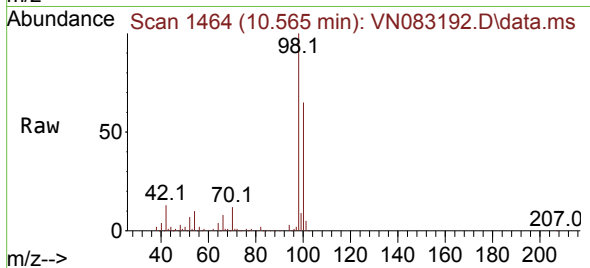
100 65.6 51.5 77.3



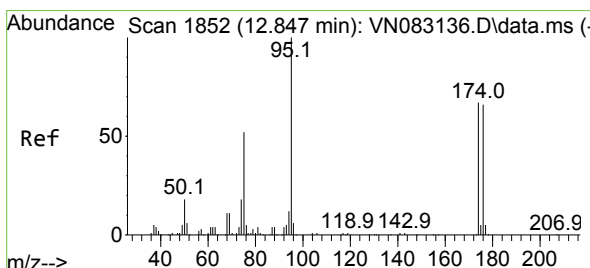
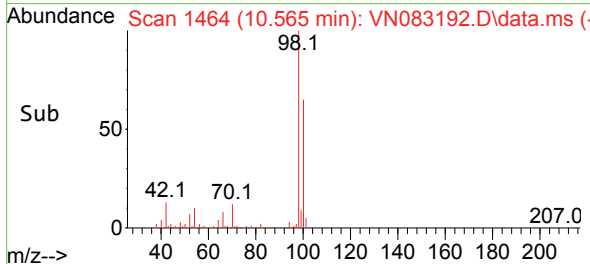
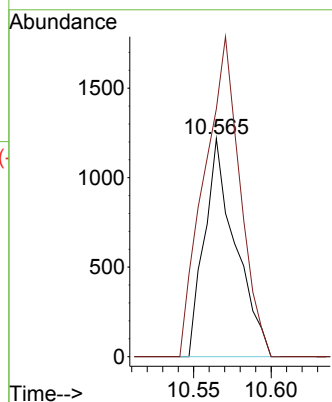


#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :

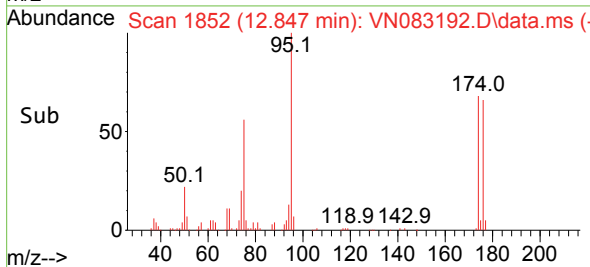
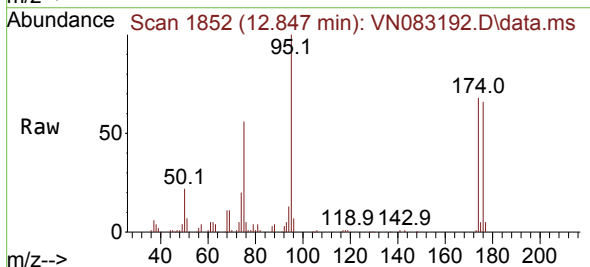
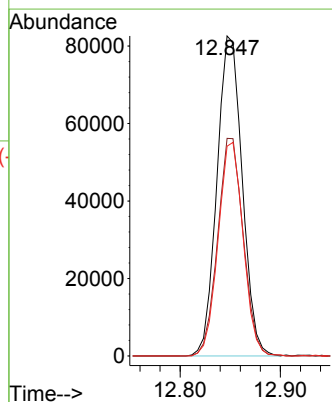


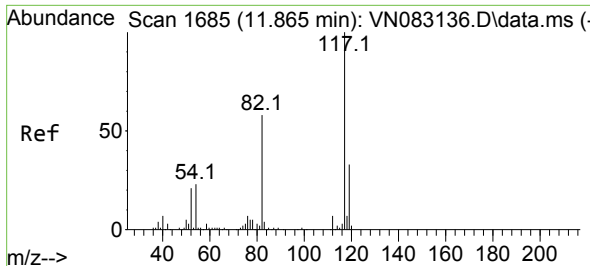
Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 169.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 60.836 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

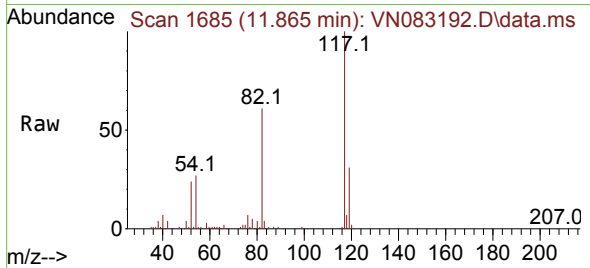
Tgt Ion: 95 Resp: 144423
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 65.9 0.0 147.6



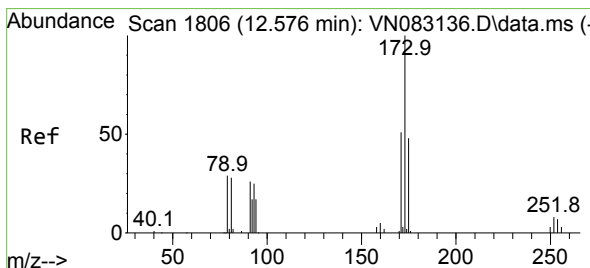
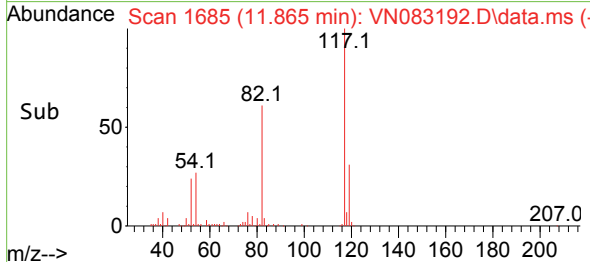
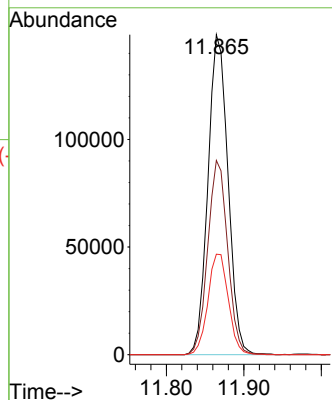


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :

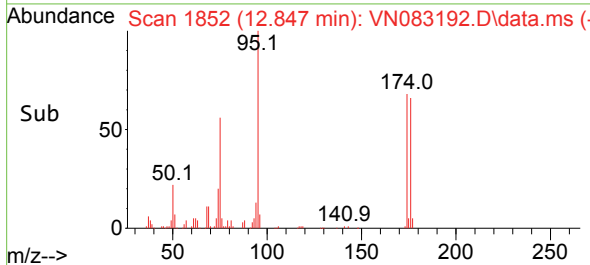
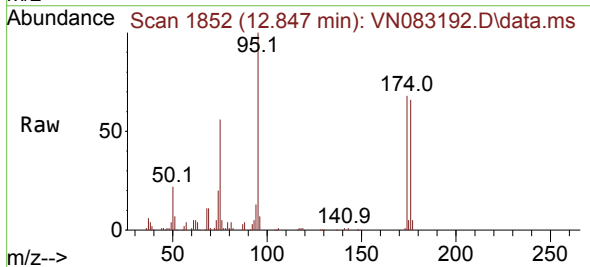
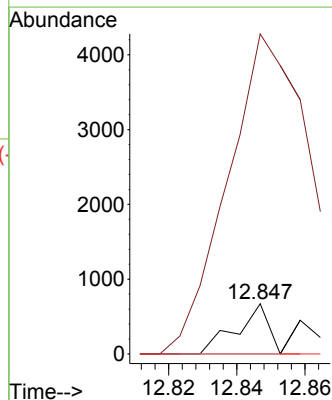


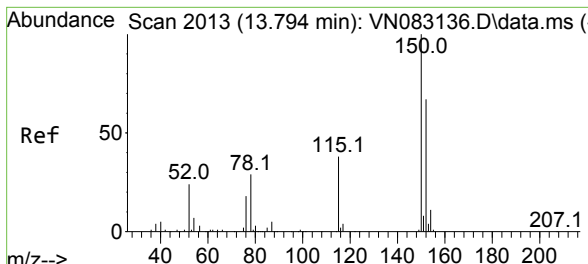
Tgt Ion:117 Resp: 266913
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 31.4 25.6 38.4



#71
Bromoform
Concen: 0.280 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083192.D
Acq: 09 Aug 2024 19:14

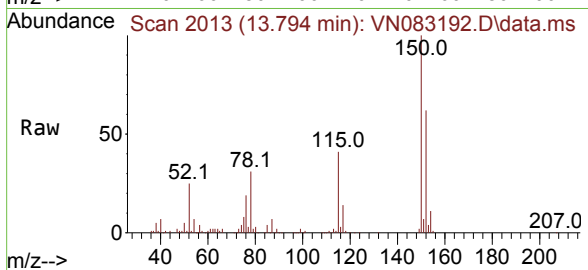
Tgt Ion:173 Resp: 442
Ion Ratio Lower Upper
173 100
175 1133.3 24.0 72.0#
254 0.0 0.0 0.0



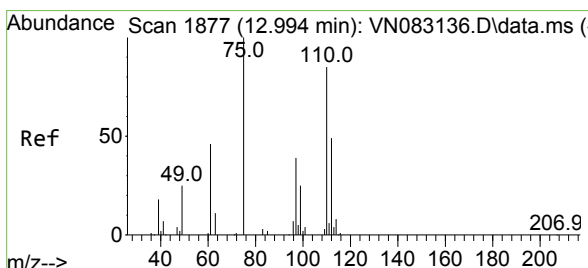
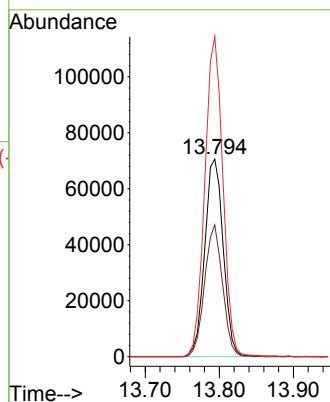
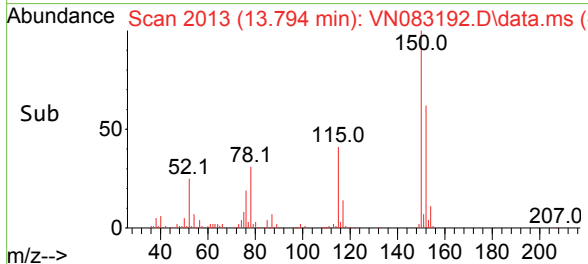


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083192.D
 Acq: 09 Aug 2024 19:14

Instrument :
 MSVOA_N
 ClientSampleId :

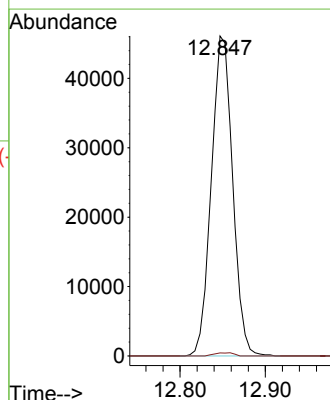
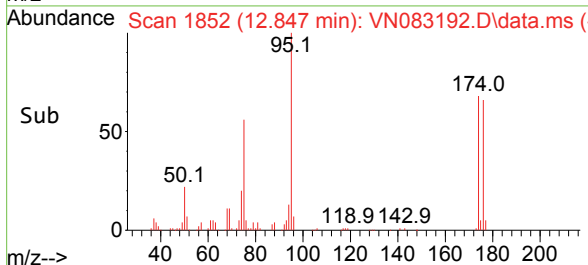
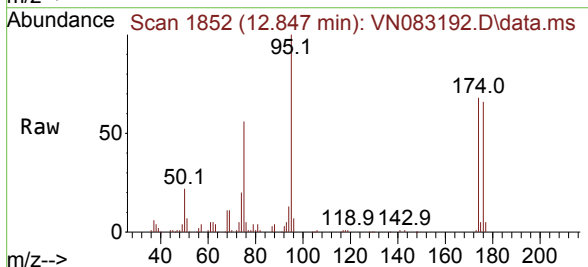


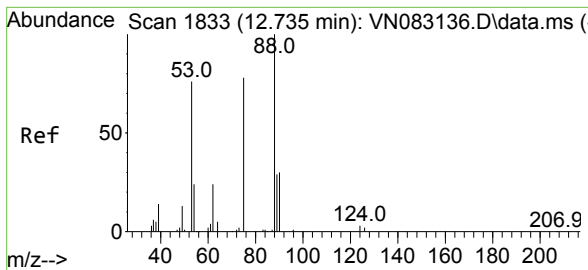
Tgt Ion:152 Resp: 122495
 Ion Ratio Lower Upper
 152 100
 115 64.7 30.6 91.6
 150 158.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.831 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083192.D
 Acq: 09 Aug 2024 19:14

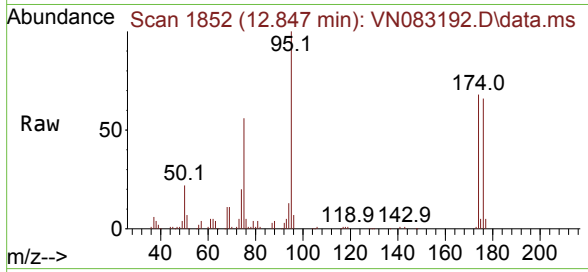
Tgt Ion: 75 Resp: 80199
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.889 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083192.D
 Acq: 09 Aug 2024 19:14

Instrument :
 MSVOA_N
 ClientSampleId :



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

