

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083333.D
 Acq On : 15 Aug 2024 16:00
 Operator : JC\MD
 Sample : P3617-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 16 01:53:00 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	8.230	168	122341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104833	60.201	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.400%	
35) Dibromofluoromethane	8.171	113	82999	54.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.300%	
50) Toluene-d8	10.565	98	308151	53.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.853	95	128413	57.606	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.220%	

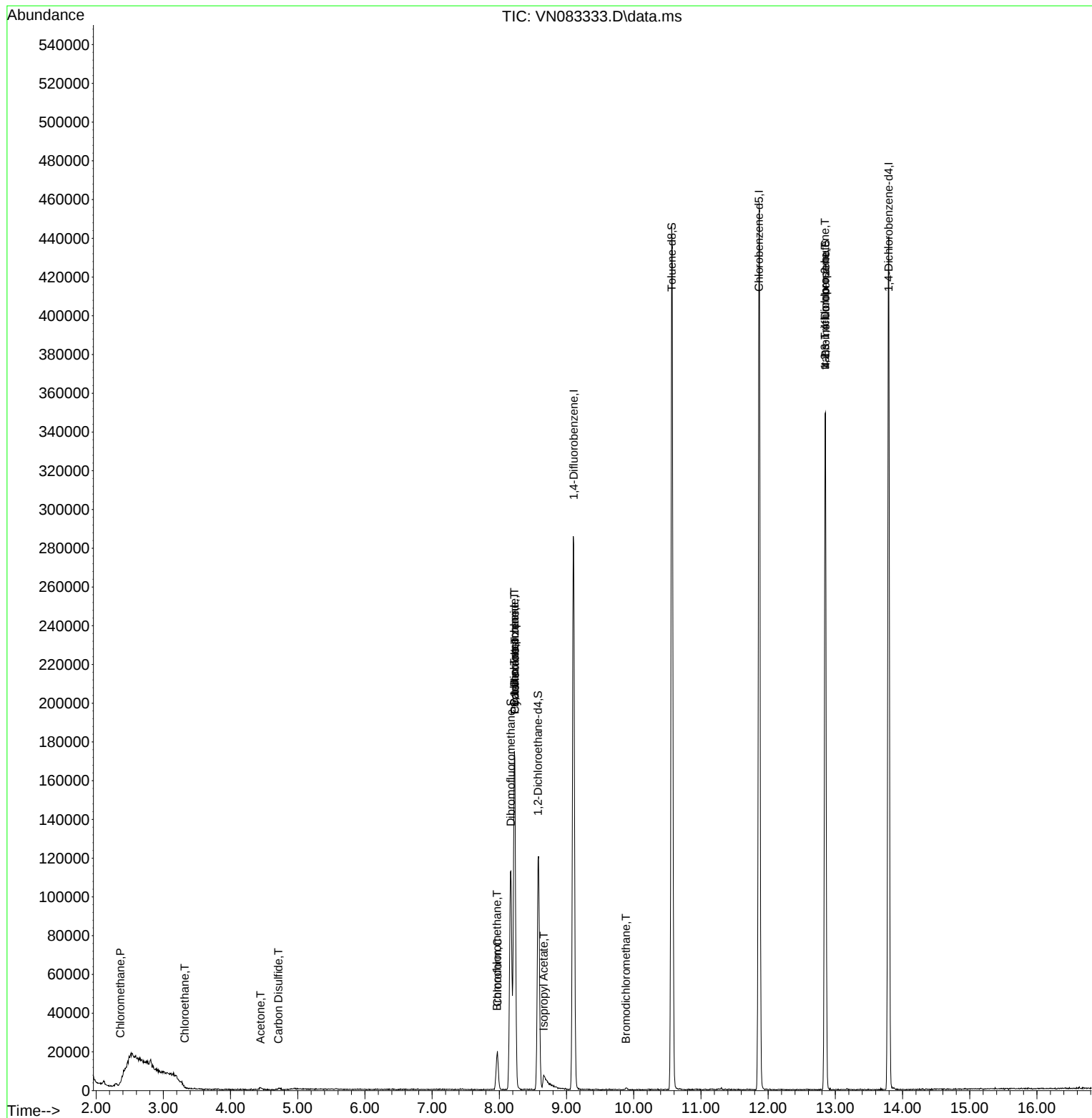
Target Compounds				Qvalue		
3) Chloromethane	2.359	50	553	0.389	ug/l	91
6) Chloroethane	3.318	64	321	0.354	ug/l #	41
16) Acetone	4.448	43	2213	3.248	ug/l #	88
17) Carbon Disulfide	4.712	76	829	0.209	ug/l #	75
28) Bromochloromethane	7.965	49	1622	1.512	ug/l #	21
30) Chloroform	7.971	83	17719	6.495	ug/l	90
31) Cyclohexane	8.230	56	3134	1.214	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	11393	4.913	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13780	5.276	ug/l #	16
43) Isopropyl Acetate	8.659	43	10253	0.678	ug/l #	60
47) Bromodichloromethane	9.883	83	990	0.376	ug/l #	91
76) 1,2,3-Trichloropropane	12.847	75	69204	27.302	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69204	59.389	ug/l #	6

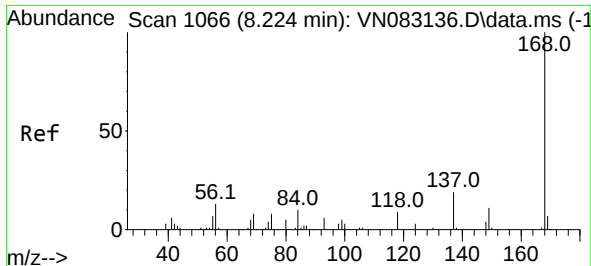
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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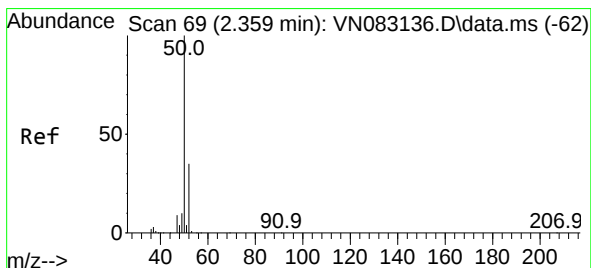
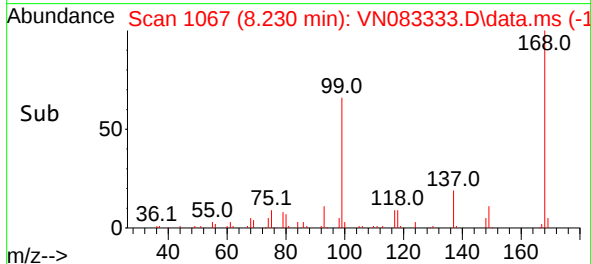
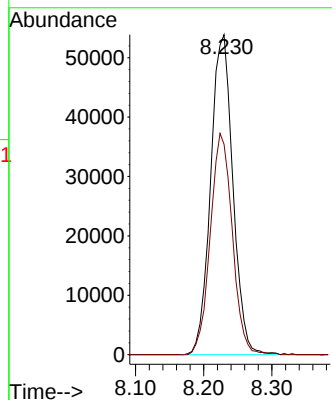
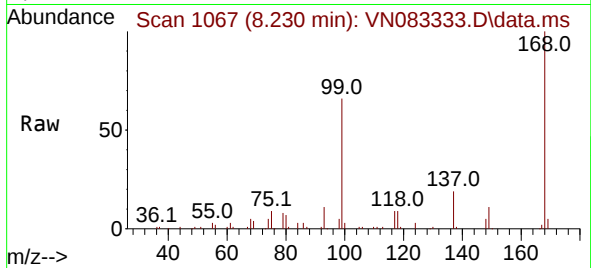




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

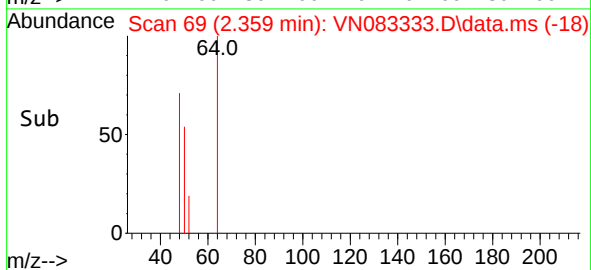
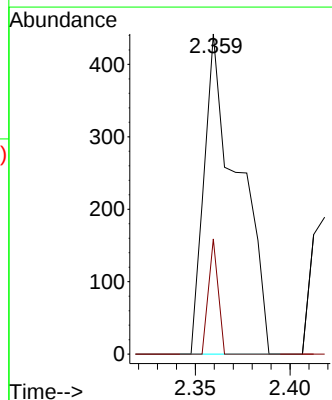
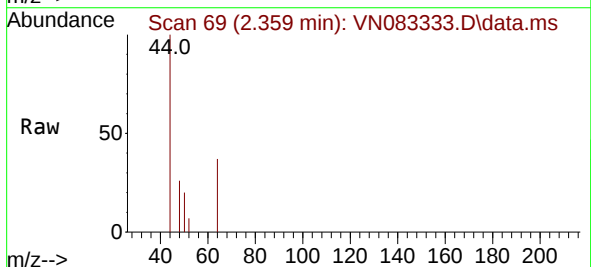
Instrument :
MSVOA_N
ClientSampleId :

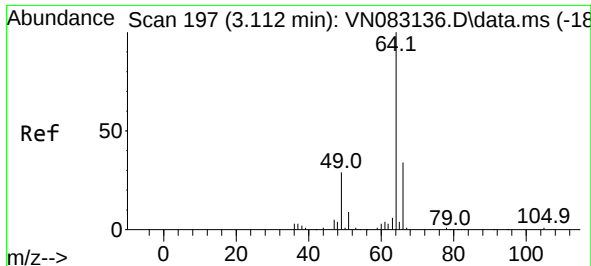
Tgt Ion:168 Resp: 122341
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#3
Chloromethane
Concen: 0.389 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 36.0 25.0 37.4

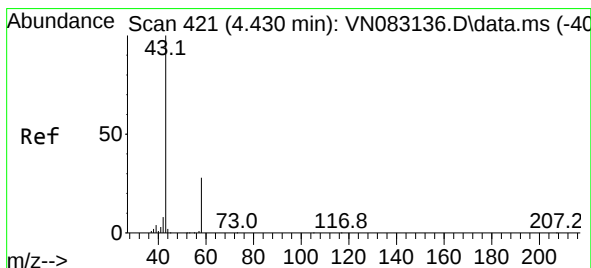
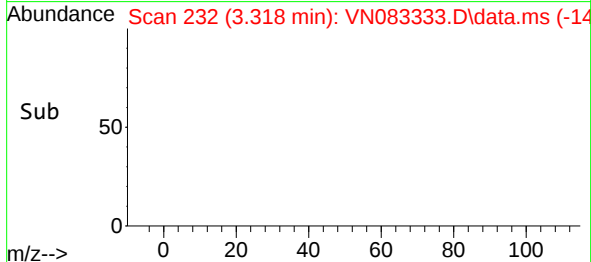
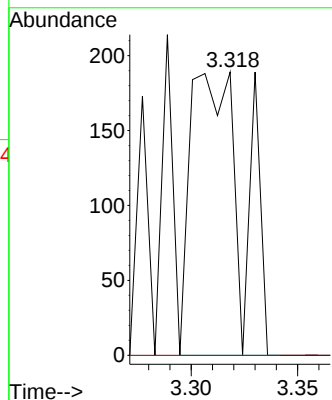
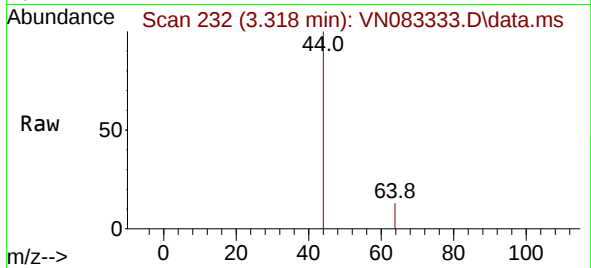




#6
Chloroethane
Concen: 0.354 ug/l
RT: 3.318 min Scan# 21
Delta R.T. 0.206 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

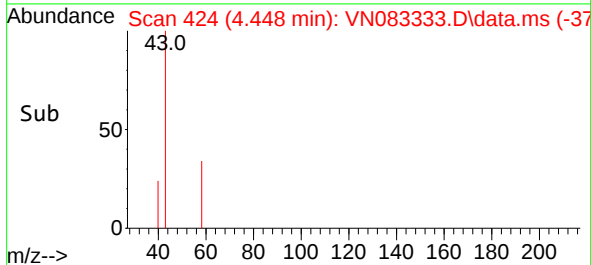
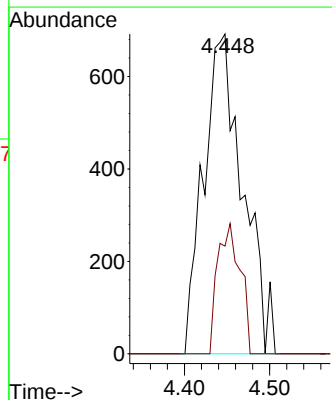
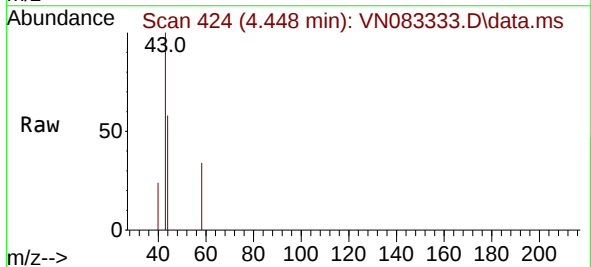
Instrument :
MSVOA_N
ClientSampleId :

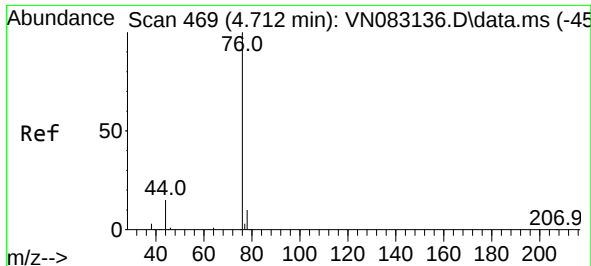
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 3.248 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

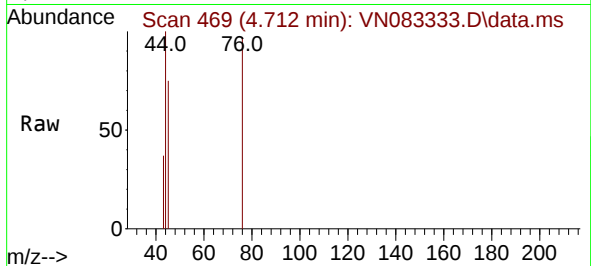
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 33.7 21.8 32.6#



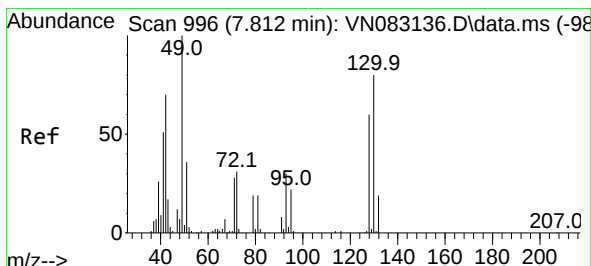
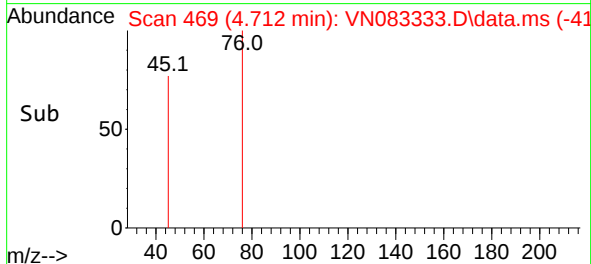
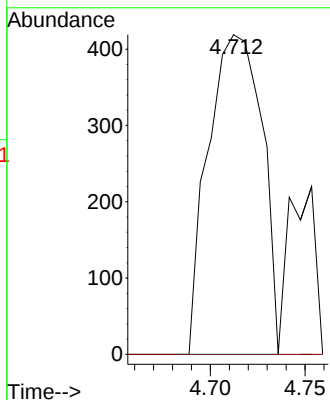


#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

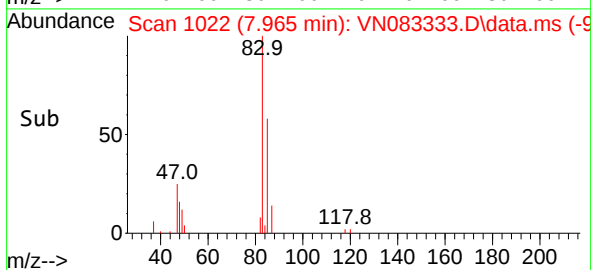
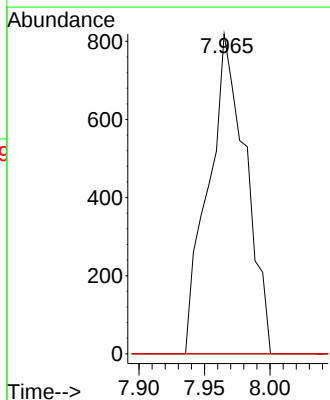
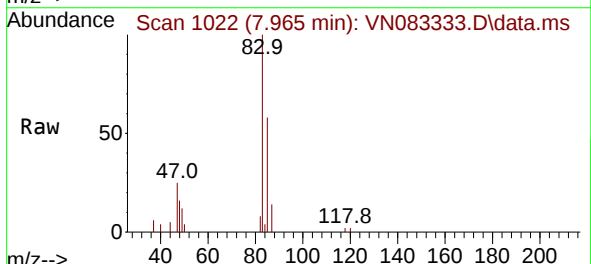


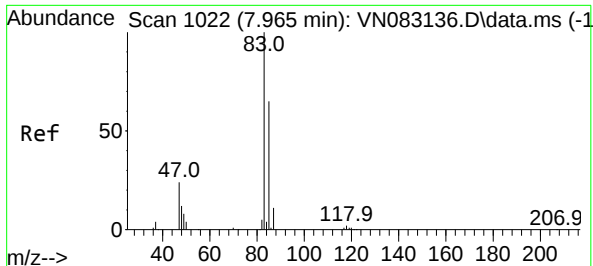
Tgt Ion: 76 Resp: 829
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#28
Bromochloromethane
Concen: 1.512 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

Tgt Ion: 49 Resp: 1622
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#





#30

Chloroform

Concen: 6.495 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

Instrument :

MSVOA_N

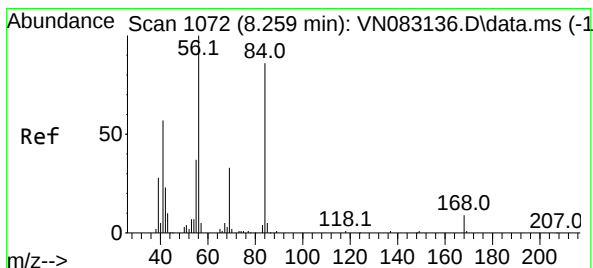
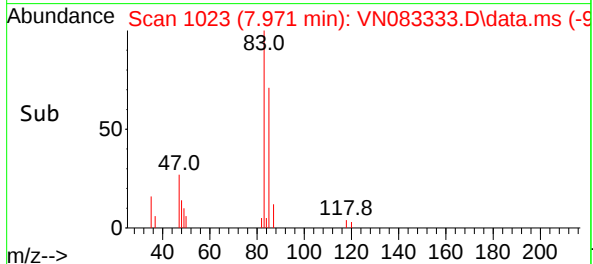
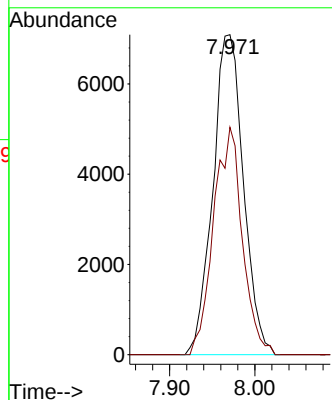
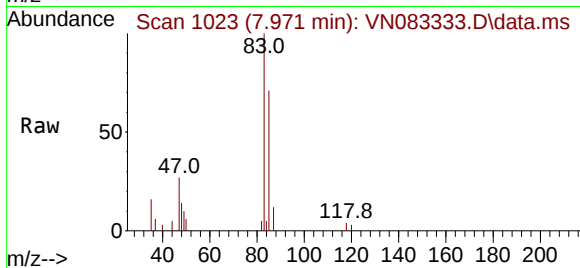
ClientSampleId :

Tgt Ion: 83 Resp: 17719

Ion Ratio Lower Upper

83 100

85 71.1 50.9 76.3



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

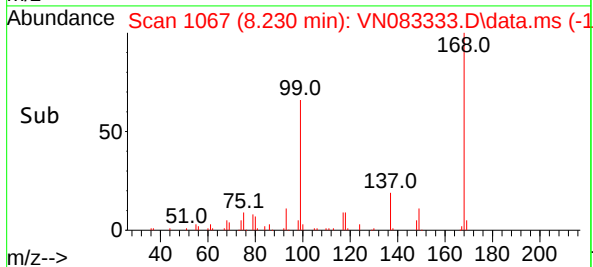
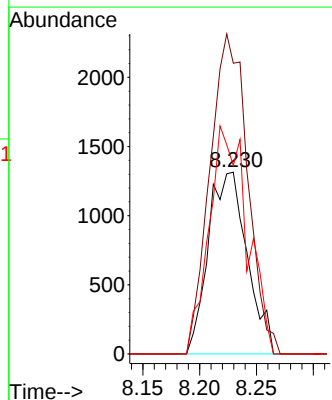
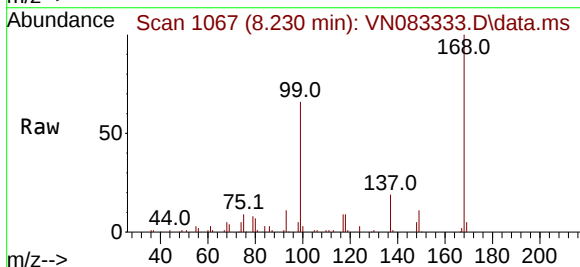
Tgt Ion: 56 Resp: 3134

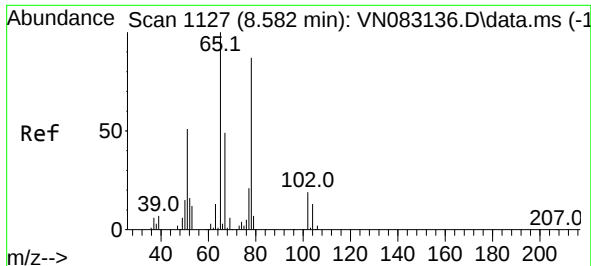
Ion Ratio Lower Upper

56 100

69 159.8 24.5 36.7#

84 103.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 60.201 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

Instrument :

MSVOA_N

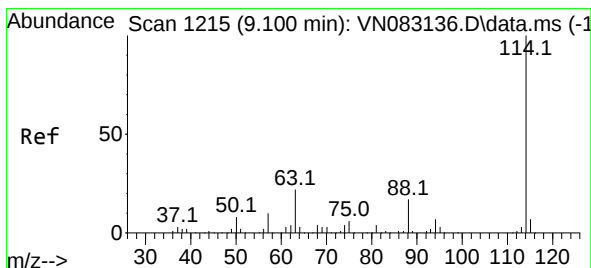
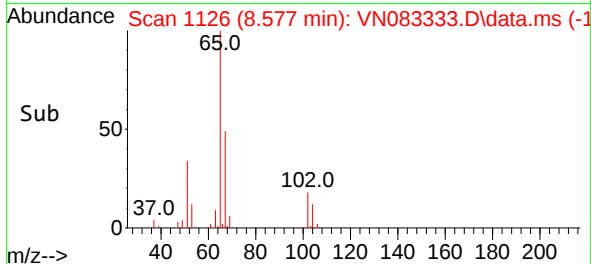
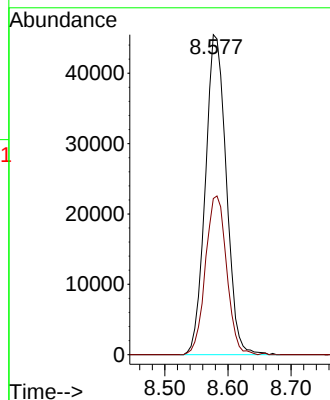
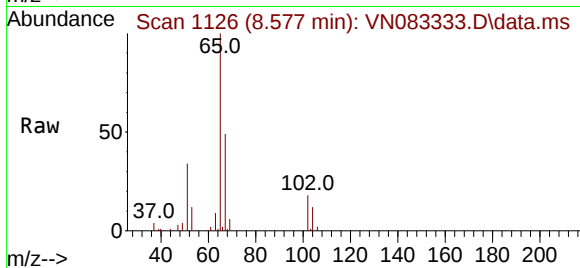
ClientSampleId :

Tgt Ion: 65 Resp: 104833

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

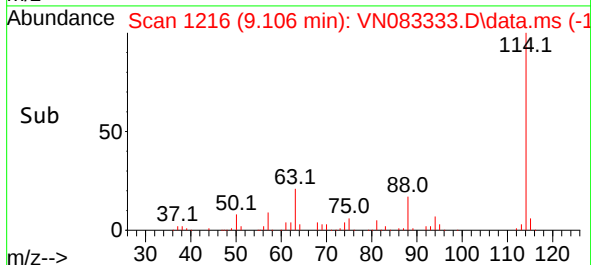
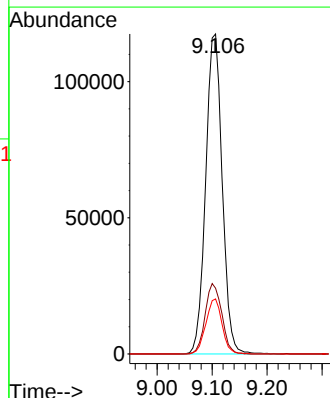
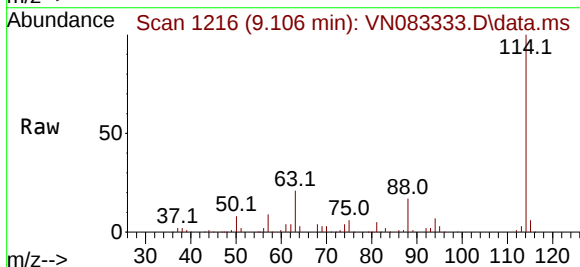
Tgt Ion: 114 Resp: 245579

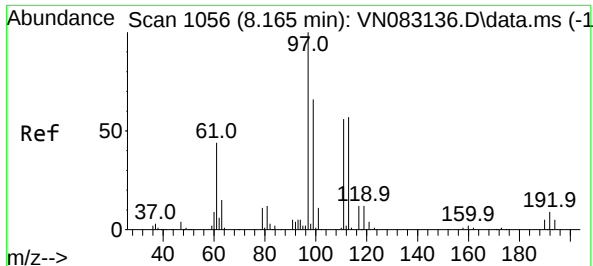
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.147 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

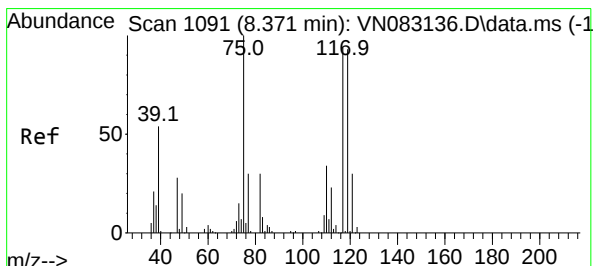
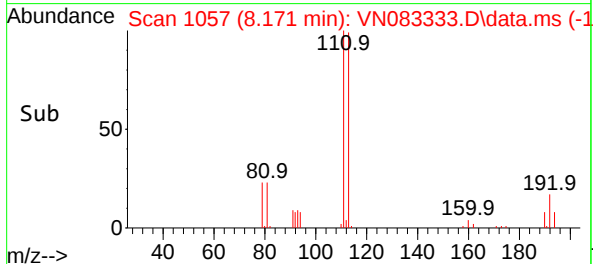
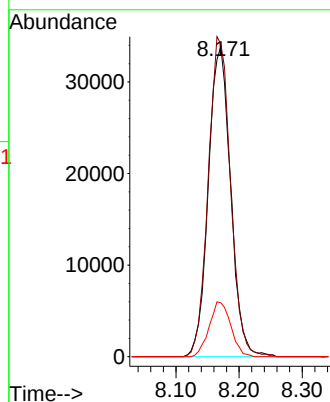
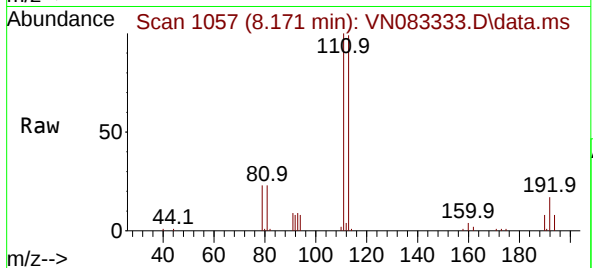
Tgt Ion:113 Resp: 82999

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.913 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

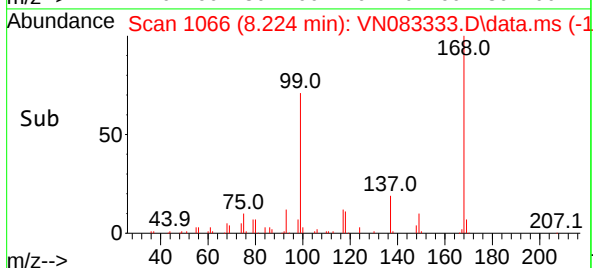
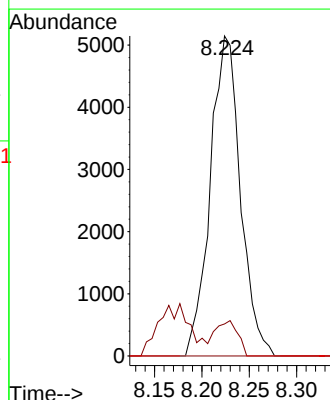
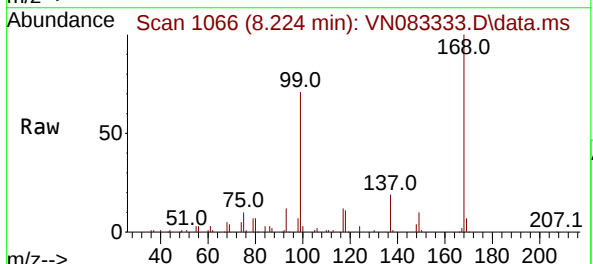
Tgt Ion: 75 Resp: 11393

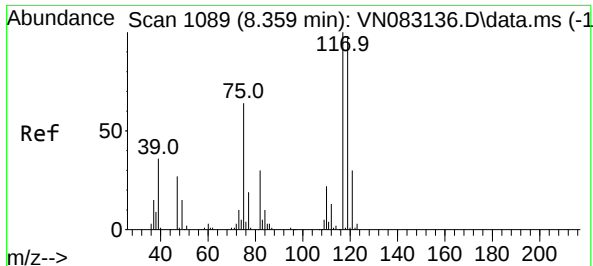
Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

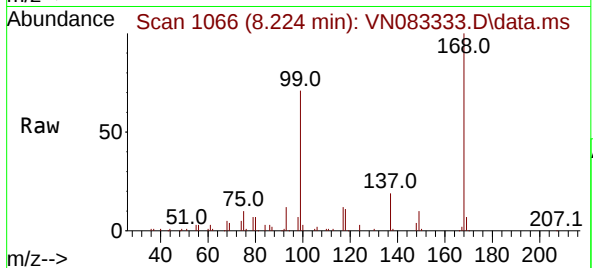
77 0.0 24.6 37.0#



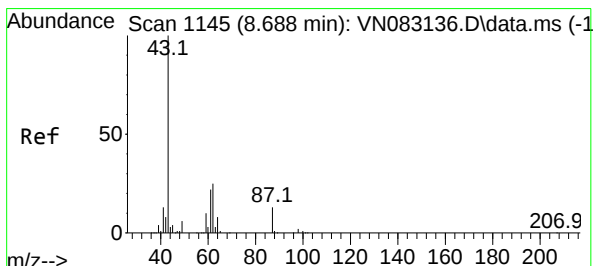
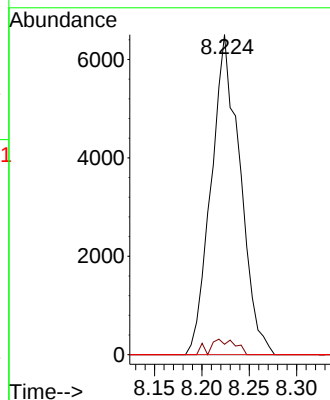
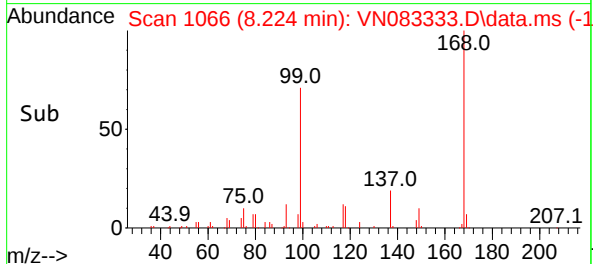


#38
Carbon Tetrachloride
Concen: 5.276 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

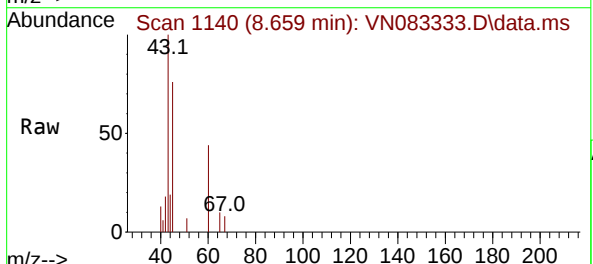
Instrument :
MSVOA_N
ClientSampleId :



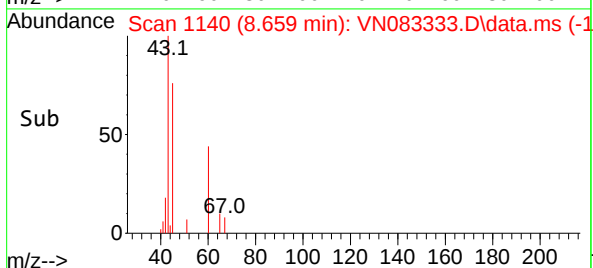
Tgt Ion:117 Resp: 13780
Ion Ratio Lower Upper
117 100
119 3.2 74.9 112.3#
121 0.0 24.3 36.5#

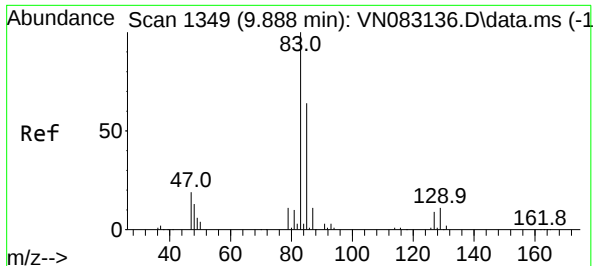


#43
Isopropyl Acetate
Concen: 0.678 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.029 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00



Tgt Ion: 43 Resp: 10253
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#47

Bromodichloromethane

Concen: 0.376 ug/l

RT: 9.883 min Scan# 1349

Delta R.T. -0.006 min

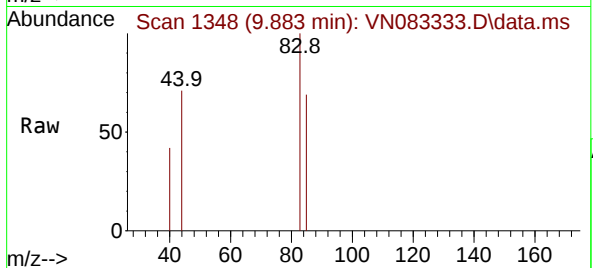
Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

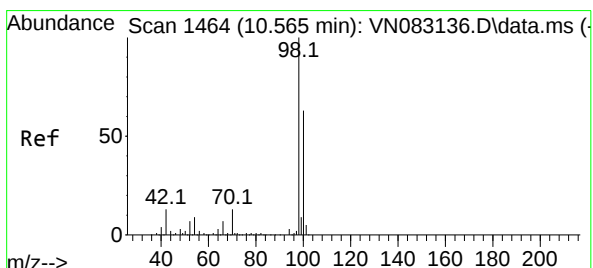
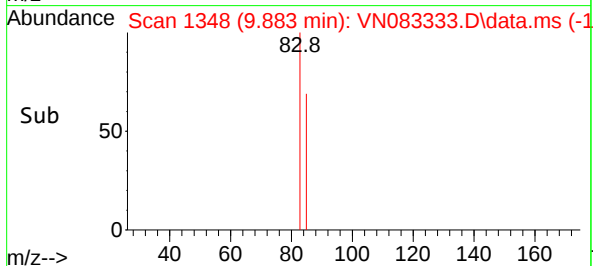
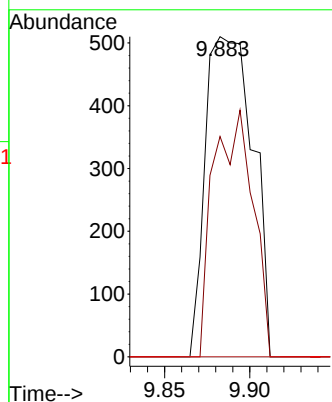
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp: 990
Ion Ratio	Lower Upper
83	100
85	68.8 51.1 76.7
127	0.0 7.2 10.8



#50

Toluene-d8

Concen: 53.892 ug/l

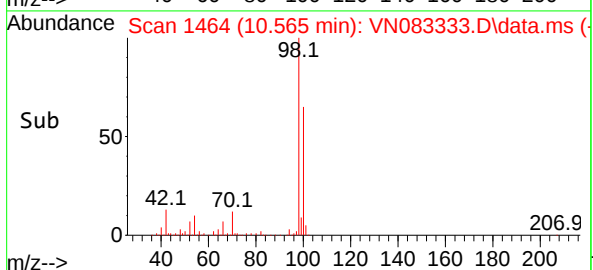
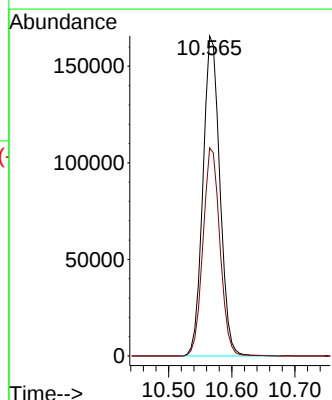
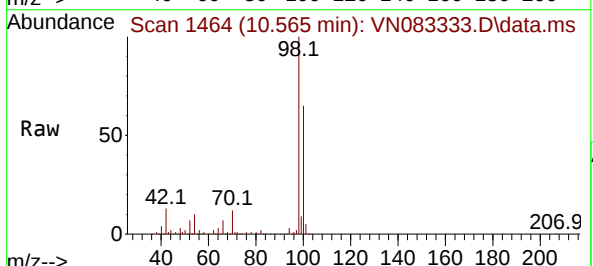
RT: 10.565 min Scan# 1464

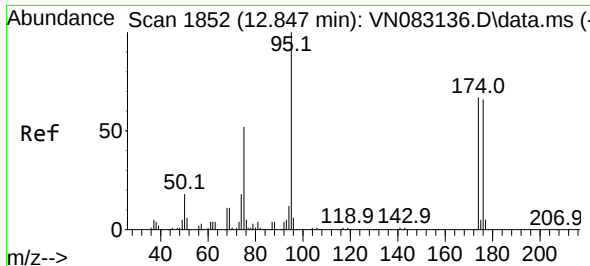
Delta R.T. -0.000 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

Tgt Ion: 98	Resp: 308151
Ion Ratio	Lower Upper
98	100
100	65.3 51.5 77.3

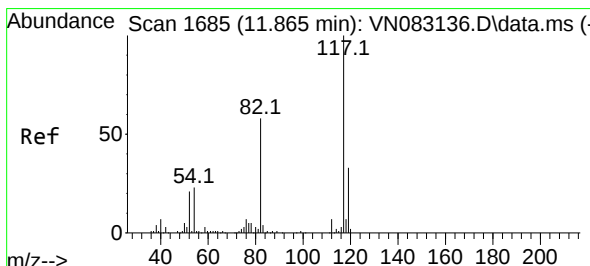
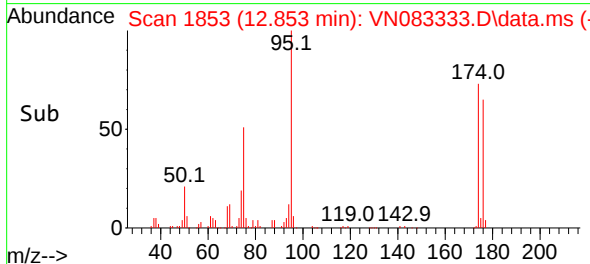
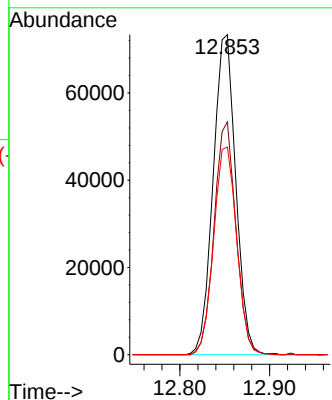
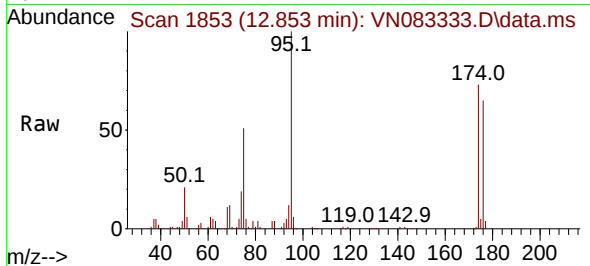




#62
4-Bromofluorobenzene
Concen: 57.606 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

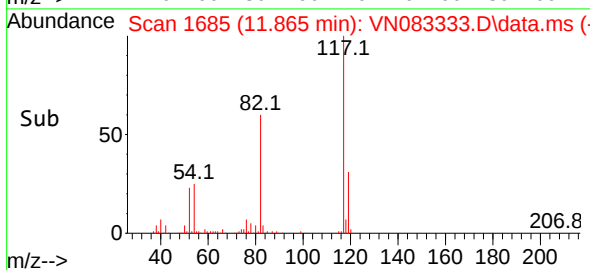
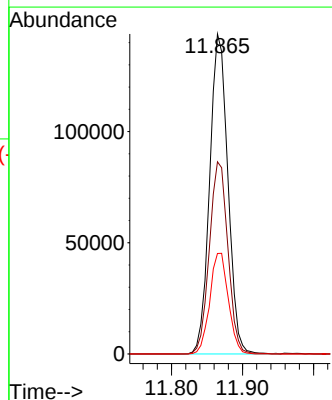
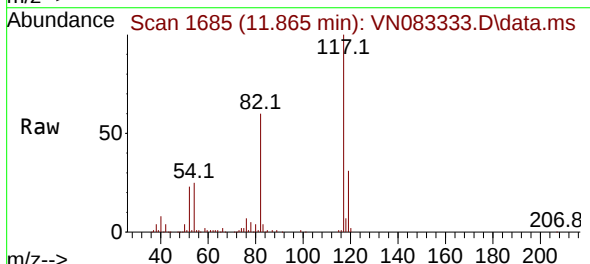
Instrument :
MSVOA_N
ClientSampleId :

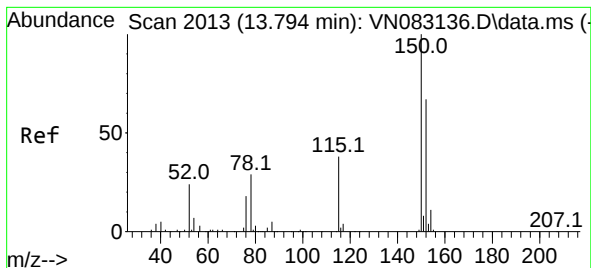
Tgt Ion: 95 Resp: 128413
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 66.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083333.D
Acq: 15 Aug 2024 16:00

Tgt Ion: 117 Resp: 256295
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 31.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083333.D

Acq: 15 Aug 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

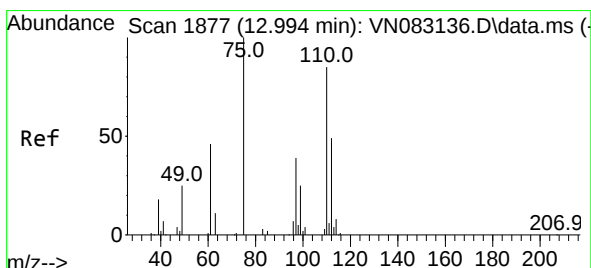
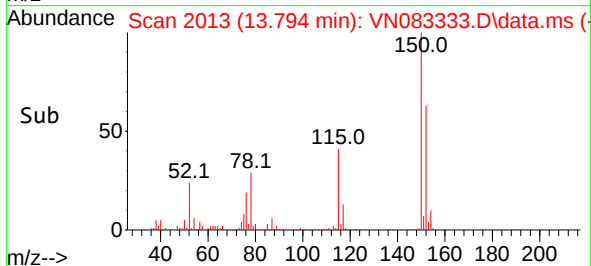
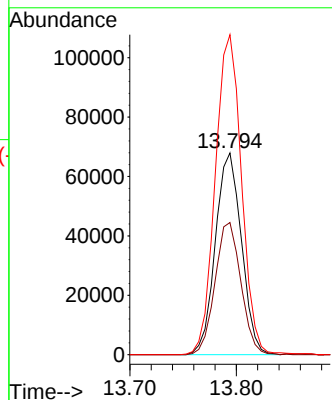
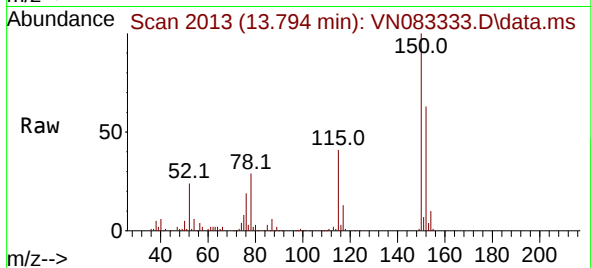
Tgt Ion:152 Resp: 115491

Ion Ratio Lower Upper

152 100

115 64.9 30.6 91.6

150 159.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.302 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083333.D

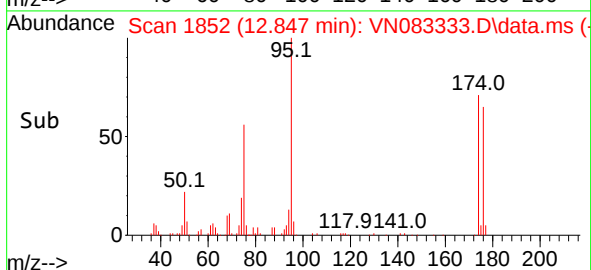
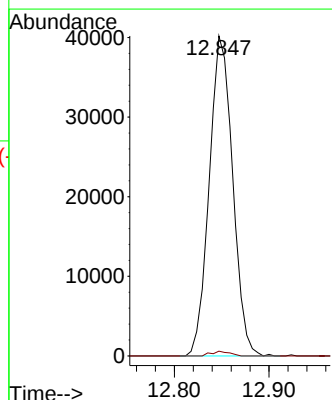
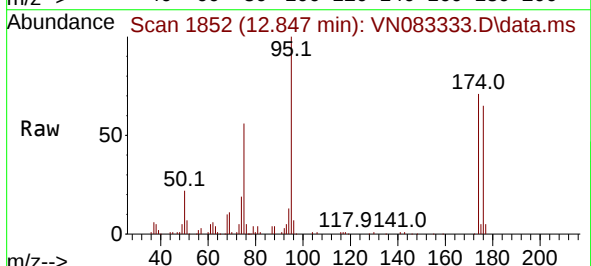
Acq: 15 Aug 2024 16:00

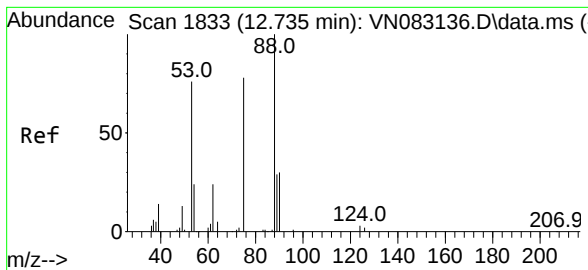
Tgt Ion: 75 Resp: 69204

Ion Ratio Lower Upper

75 100

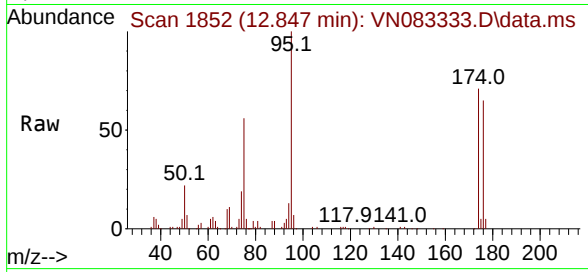
77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.389 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083333.D
 Acq: 15 Aug 2024 16:00

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#

