

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083630.D
 Acq On : 03 Sep 2024 17:33
 Operator : JC\MD
 Sample : P3799-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 02:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

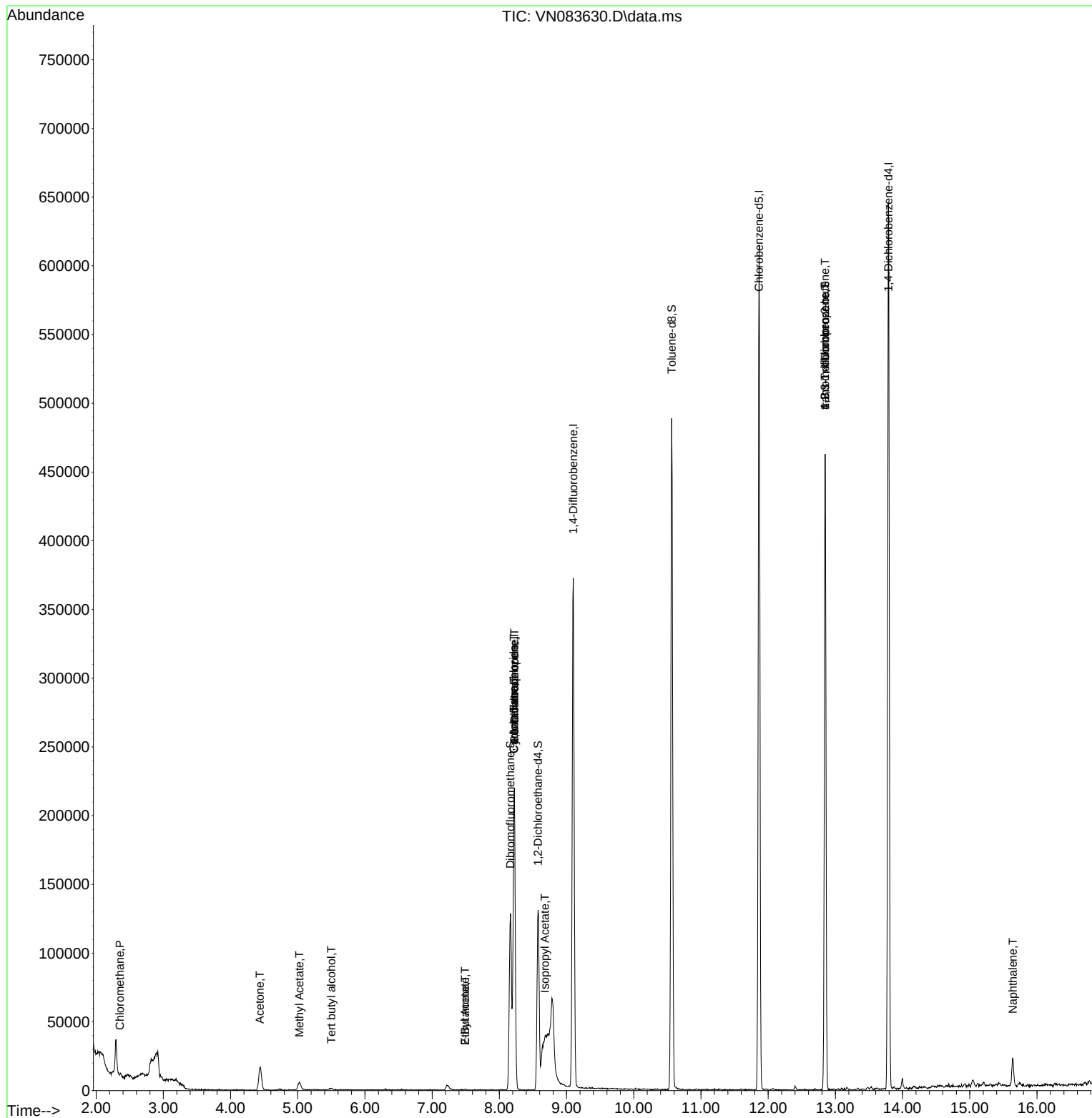
Internal Standards						
1) Pentafluorobenzene	8.224	168	149272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114774	55.015	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.040%		
35) Dibromofluoromethane	8.165	113	91720	48.812	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.620%		
50) Toluene-d8	10.565	98	329347	45.073	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 90.140%		
62) 4-Bromofluorobenzene	12.847	95	158758	58.568	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1044	0.567	ug/l	97
11) Tert butyl alcohol	5.500	59	831	2.555	ug/l #	71
16) Acetone	4.436	43	3972	4.774	ug/l	90
18) Methyl Acetate	5.024	43	12428	5.617	ug/l	95
25) 2-Butanone	7.488	43	703	0.621	ug/l #	49
31) Cyclohexane	8.218	56	3735	1.157	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	13465	4.698	ug/l #	50
37) Ethyl Acetate	7.488	43	703	0.246	ug/l #	68
38) Carbon Tetrachloride	8.218	117	18167	5.555	ug/l #	16
43) Isopropyl Acetate	8.677	43	57023	8.994	ug/l #	58
76) 1,2,3-Trichloropropane	12.847	75	90992	27.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90992	65.227	ug/l #	9
95) Naphthalene	15.641	128	19065	1.809	ug/l	98

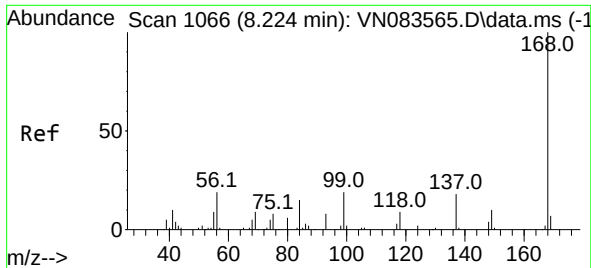
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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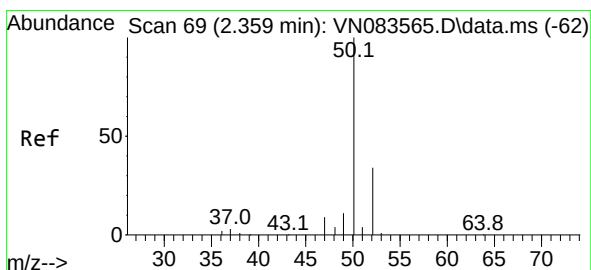
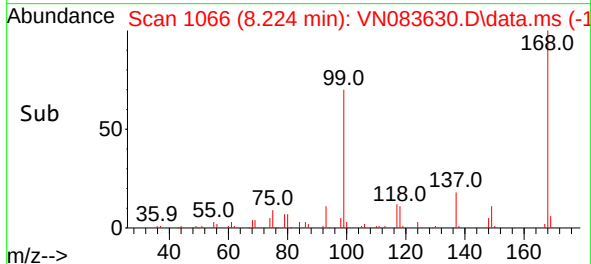
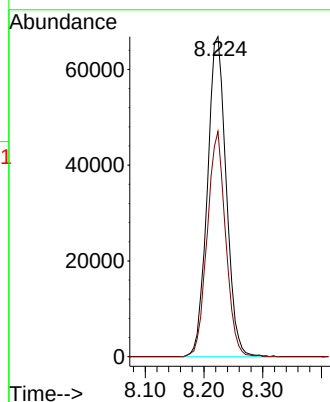
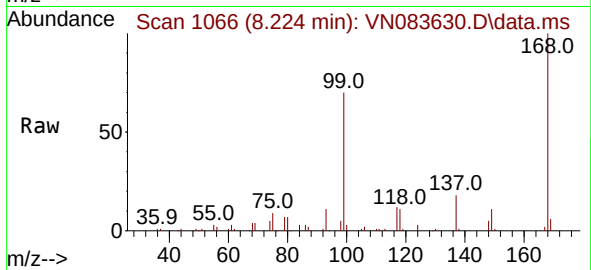




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

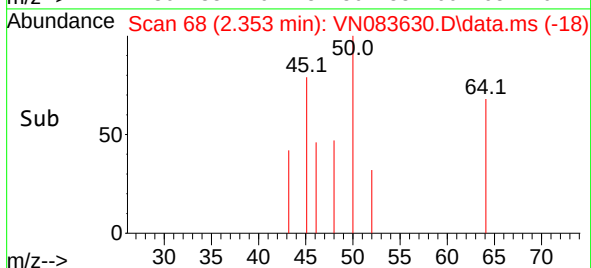
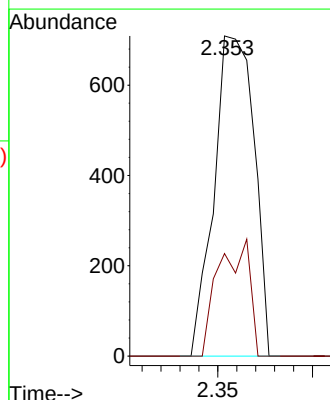
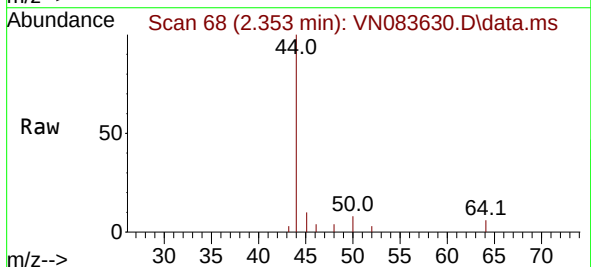
Instrument :
MSVOA_N
ClientSampleId :

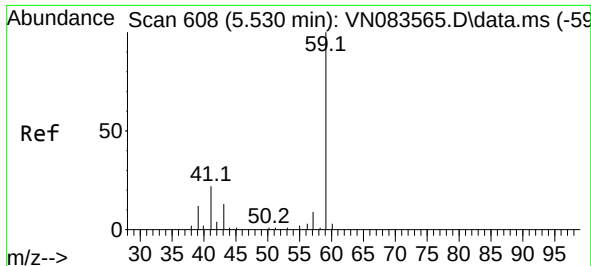
Tgt Ion:168 Resp: 149272
Ion Ratio Lower Upper
168 100
99 70.4 54.2 81.2



#3
Chloromethane
Concen: 0.567 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

Tgt Ion: 50 Resp: 1044
Ion Ratio Lower Upper
50 100
52 32.0 27.2 40.8

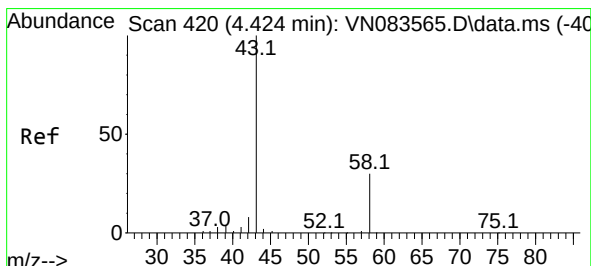
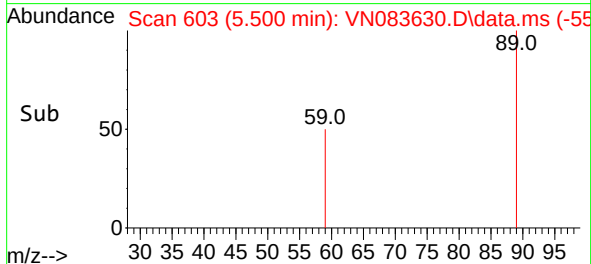
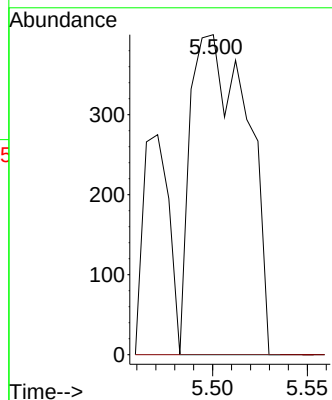
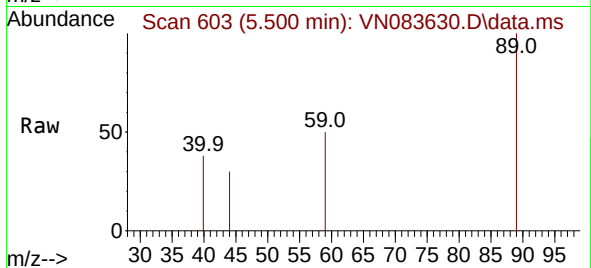




#11
Tert butyl alcohol
Concen: 2.555 ug/l
RT: 5.500 min Scan# 608
Delta R.T. -0.029 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

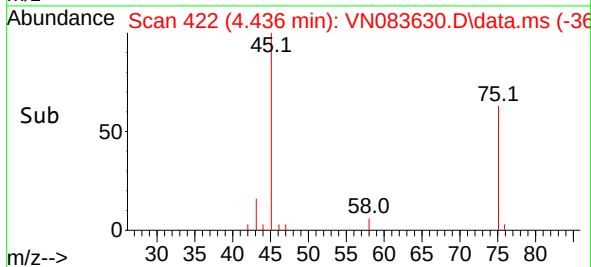
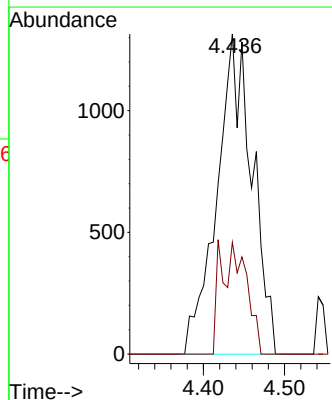
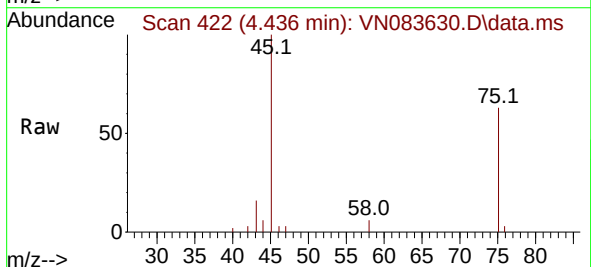
Instrument :
MSVOA_N
ClientSampleId :

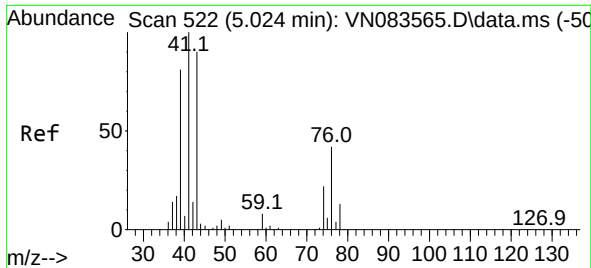
Tgt Ion: 59 Resp: 831
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 4.774 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
58 34.9 23.7 35.5

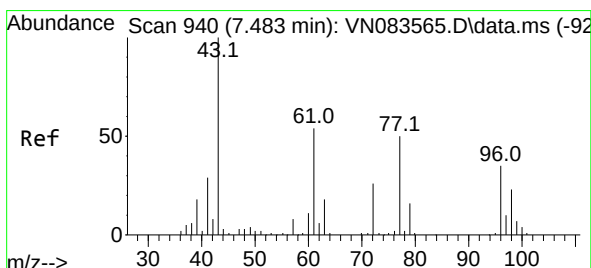
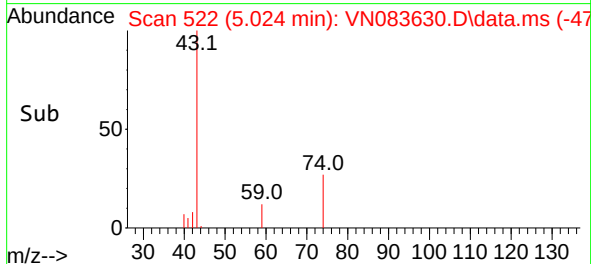
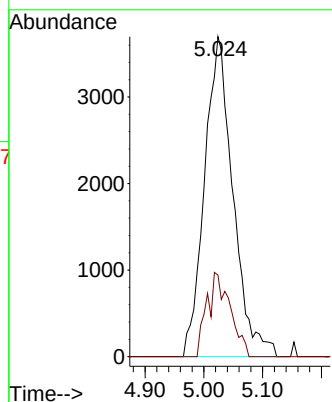
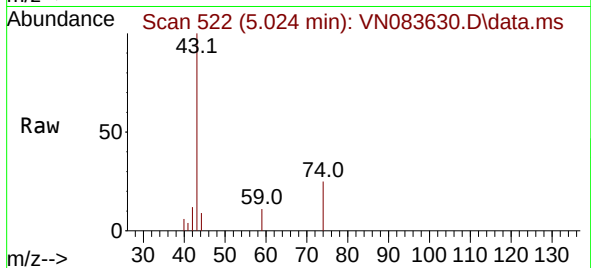




#18
Methyl Acetate
Concen: 5.617 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

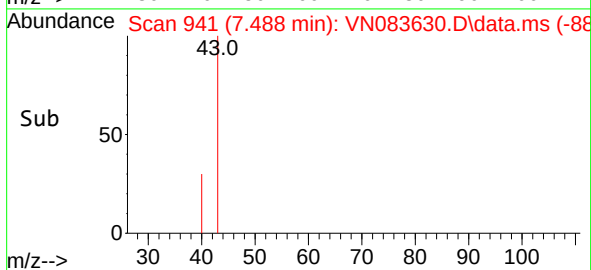
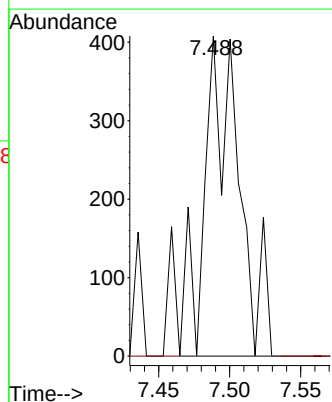
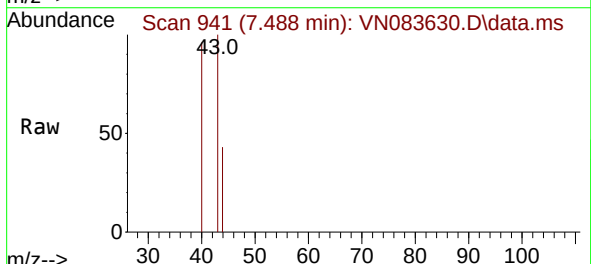
Instrument :
MSVOA_N
ClientSampleId :

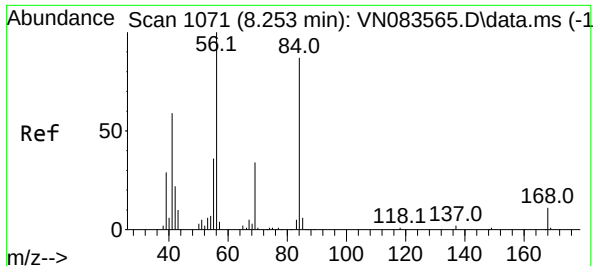
Tgt Ion: 43 Resp: 12428
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.4



#25
2-Butanone
Concen: 0.621 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#





#31

Cyclohexane

Concen: 1.157 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

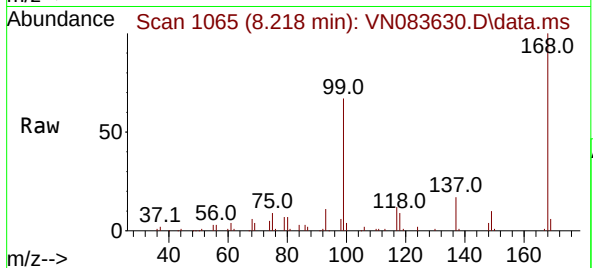
Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :



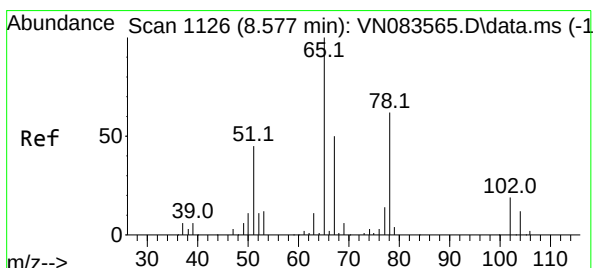
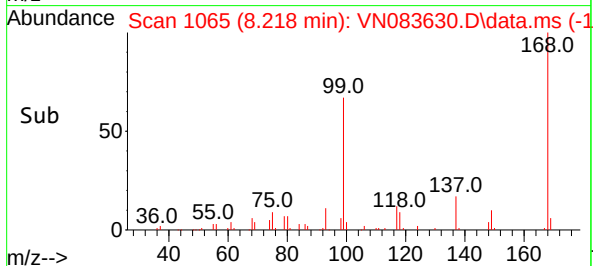
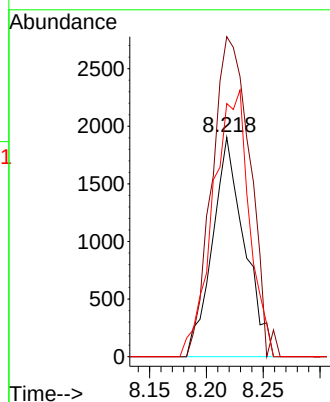
Tgt Ion: 56 Resp: 3735

Ion Ratio Lower Upper

56 100

69 145.9 26.9 40.3#

84 115.4 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 55.015 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083630.D

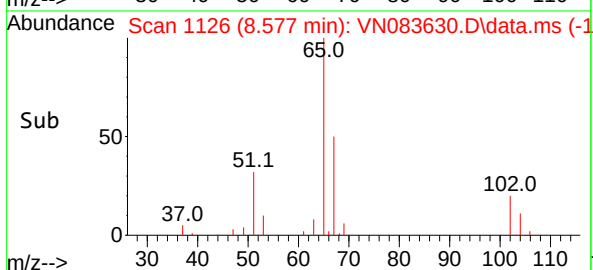
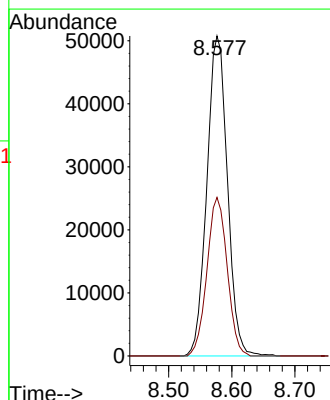
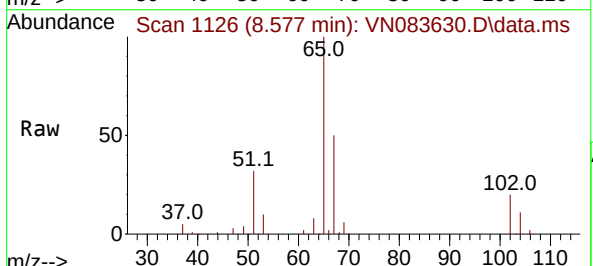
Acq: 03 Sep 2024 17:33

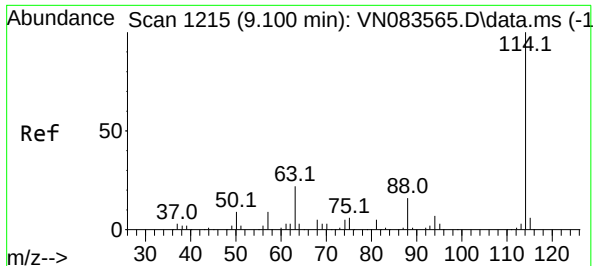
Tgt Ion: 65 Resp: 114774

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

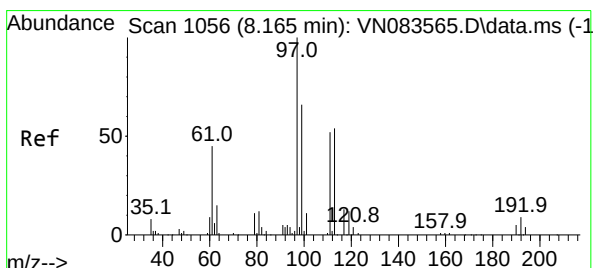
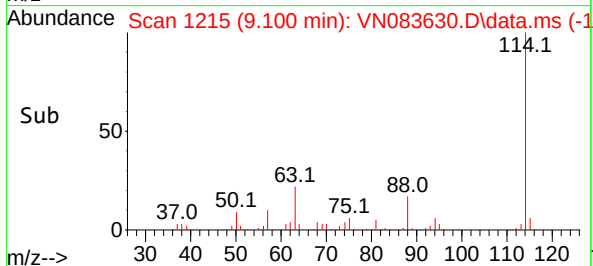
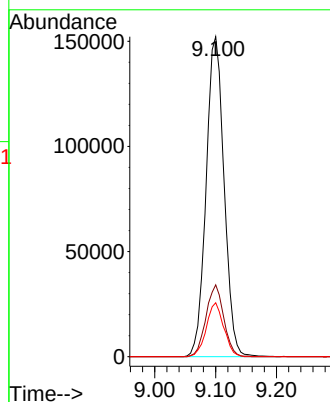
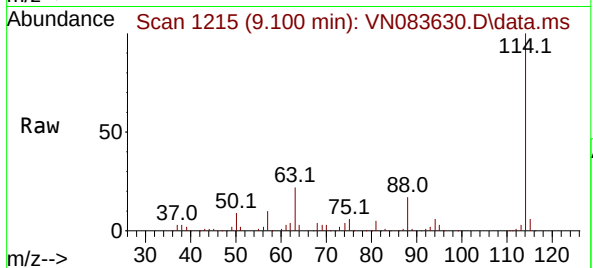
Tgt Ion:114 Resp: 312197

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.812 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

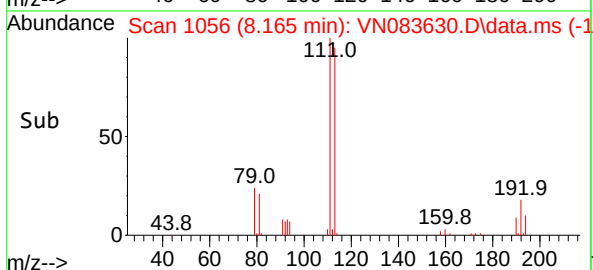
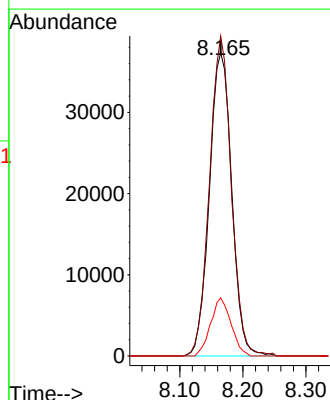
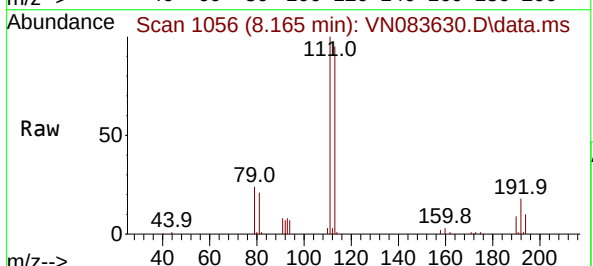
Tgt Ion:113 Resp: 91720

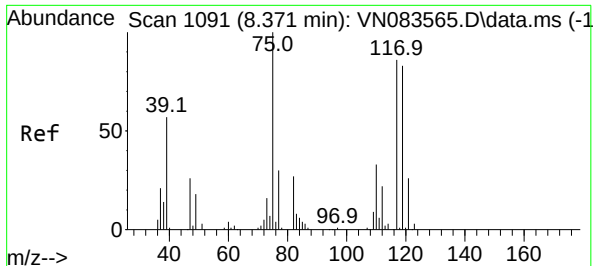
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

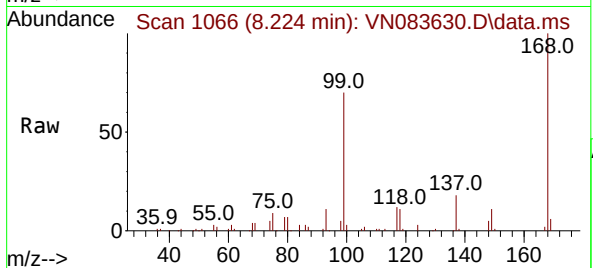
Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :



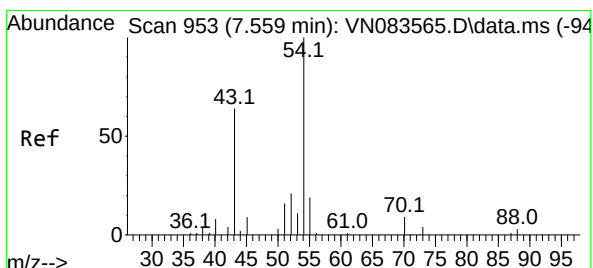
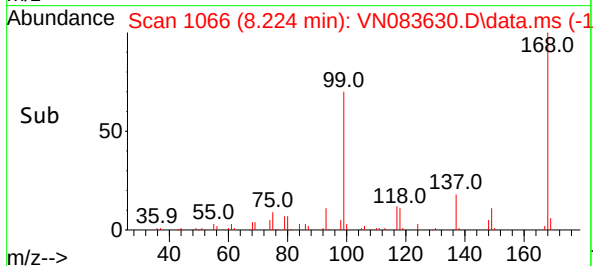
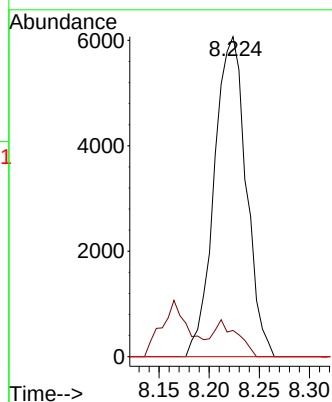
Tgt Ion: 75 Resp: 13465

Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 0.0 25.2 37.8#



#37

Ethyl Acetate

Concen: 0.246 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

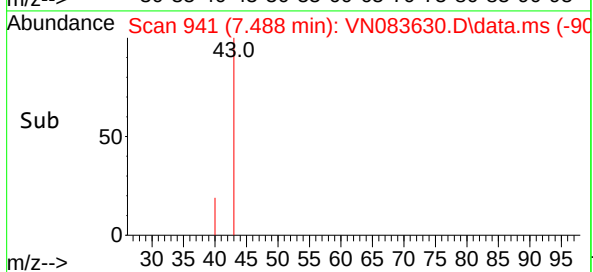
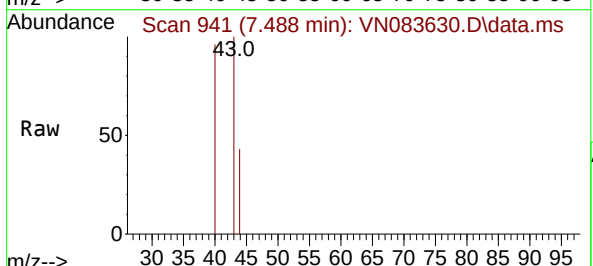
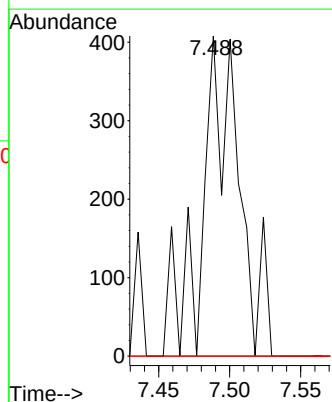
Tgt Ion: 43 Resp: 703

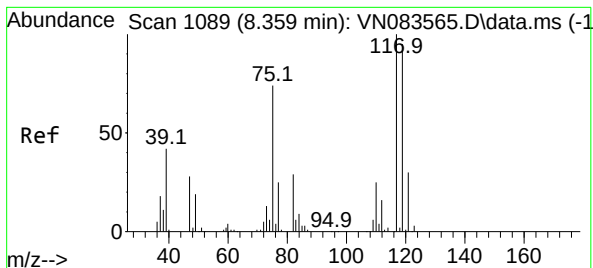
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

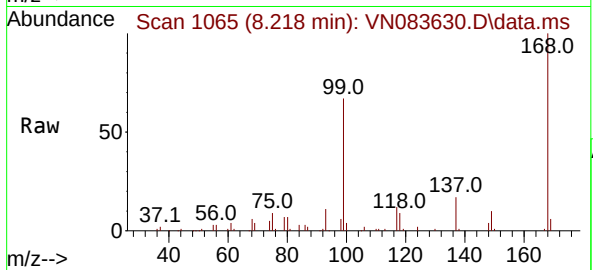
Lab File: VN083630.D

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MSVOA_N

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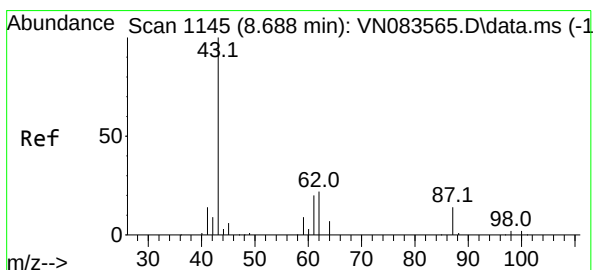
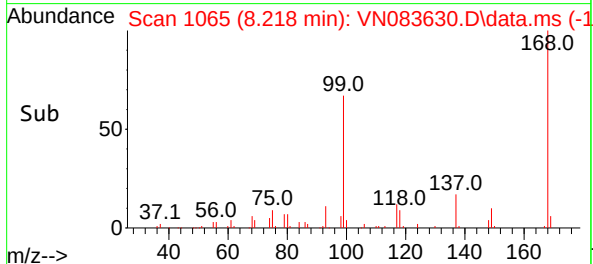
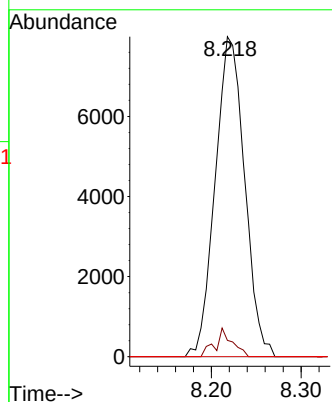
Tgt Ion:117 Resp: 18167

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 8.994 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

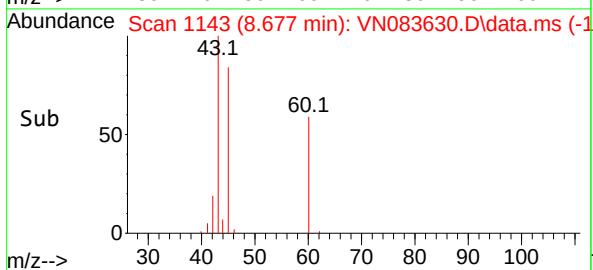
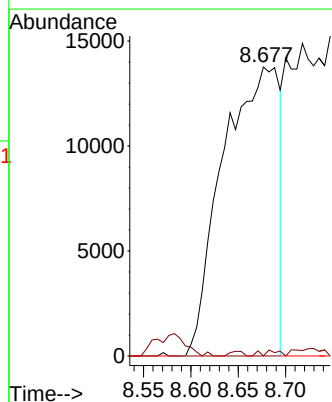
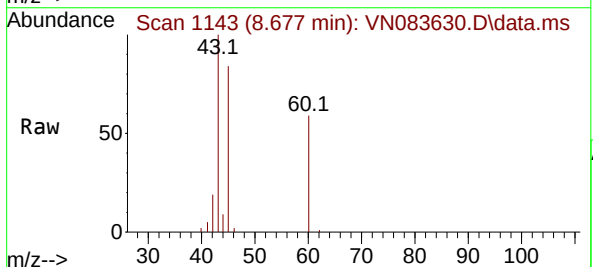
Tgt Ion: 43 Resp: 57023

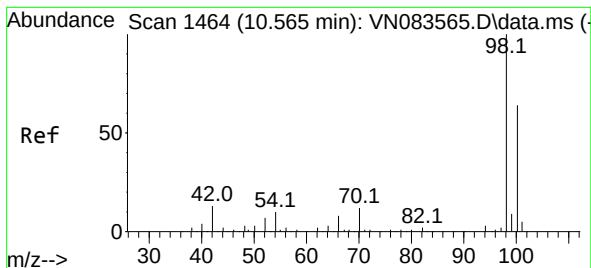
Ion Ratio Lower Upper

43 100

61 0.6 19.4 29.0#

87 0.0 9.8 14.6#

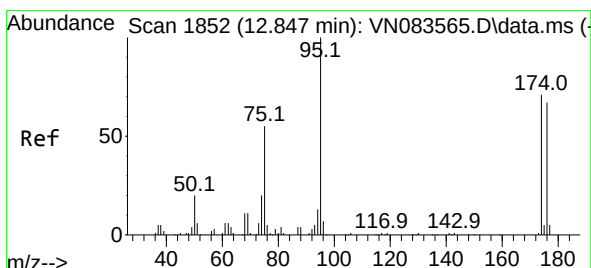
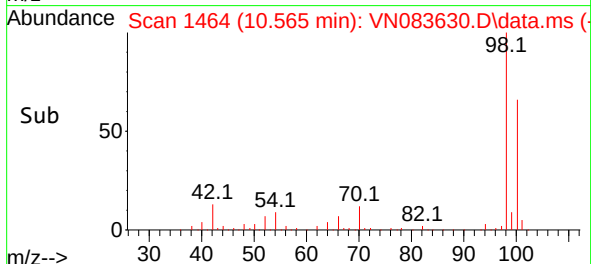
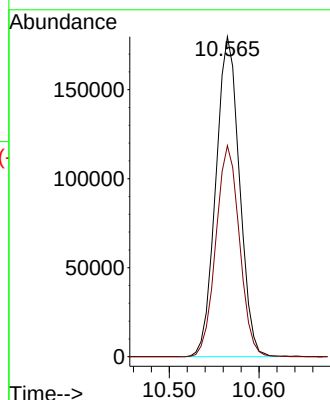
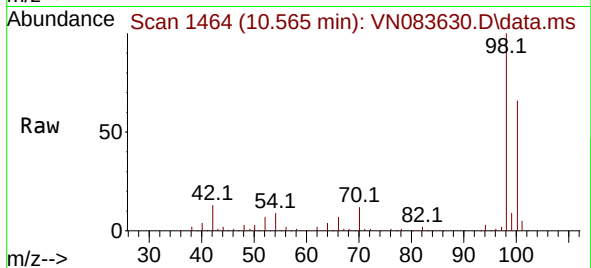




#50
Toluene-d8
Concen: 45.073 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

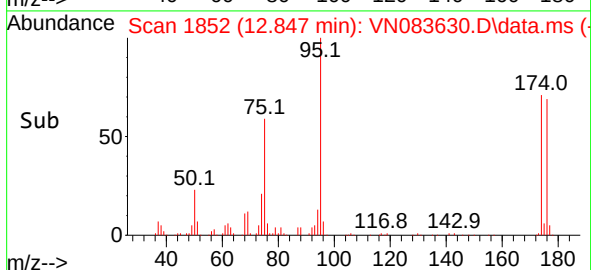
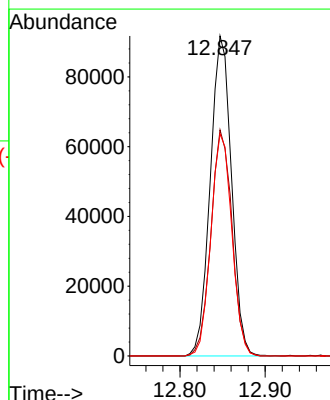
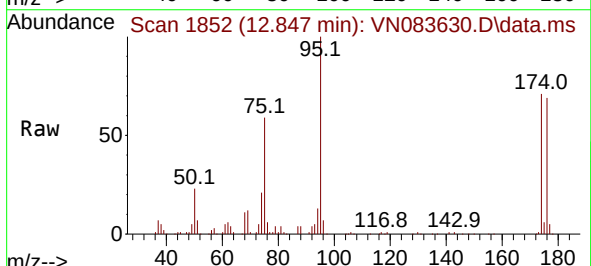
Instrument :
MSVOA_N
ClientSampleId :

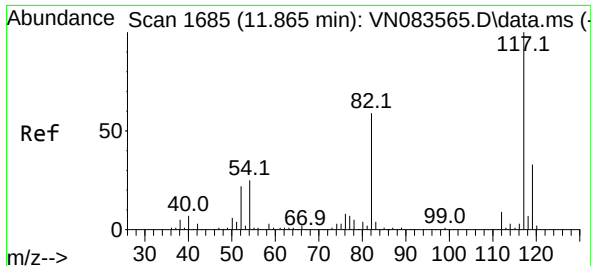
Tgt Ion: 98 Resp: 329347
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.568 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

Tgt Ion: 95 Resp: 158758
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 68.5 0.0 131.4

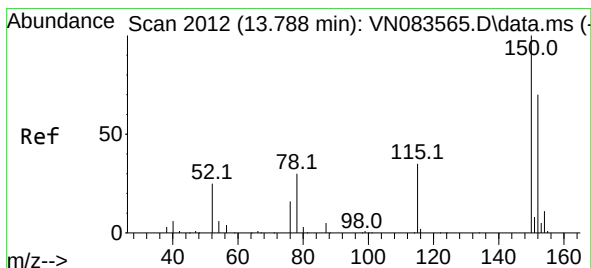
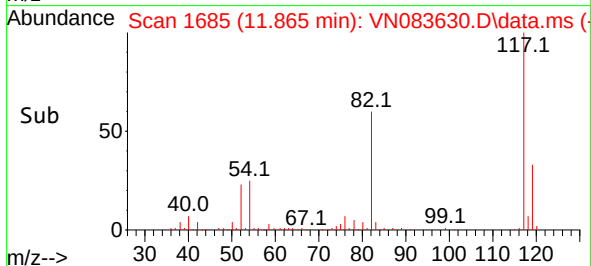
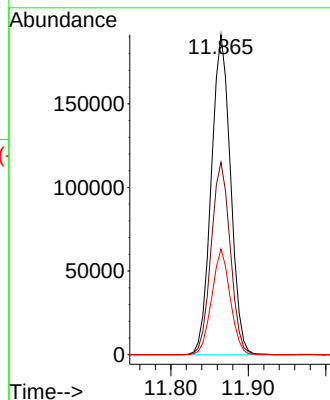
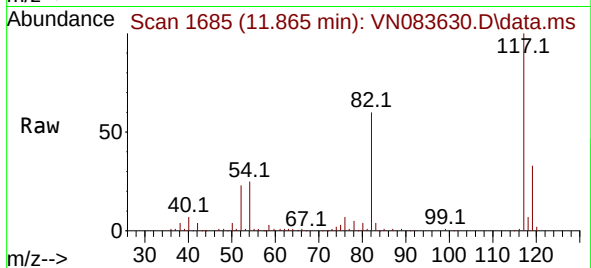




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

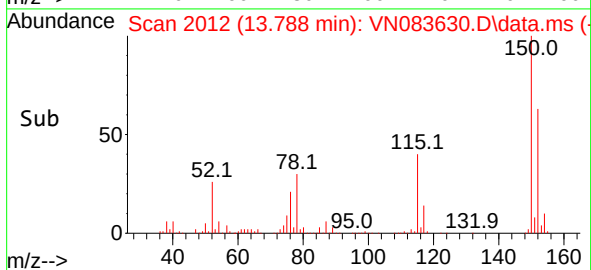
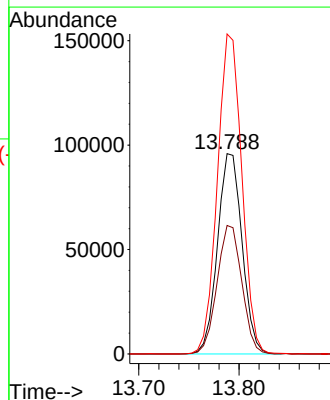
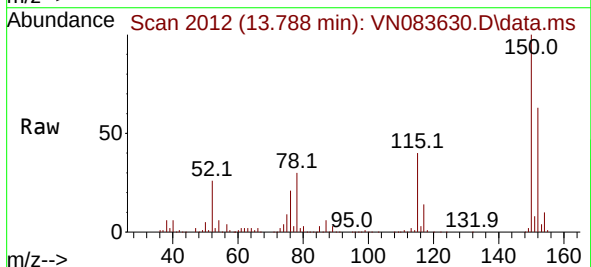
Instrument :
MSVOA_N
ClientSampleId :

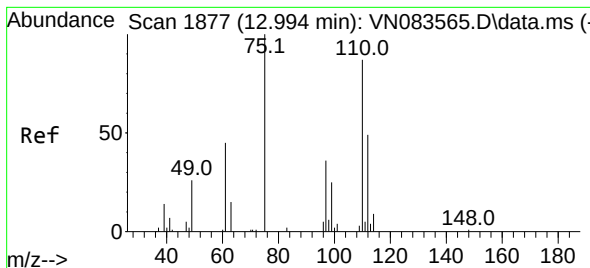
Tgt Ion:117 Resp: 330124
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083630.D
Acq: 03 Sep 2024 17:33

Tgt Ion:152 Resp: 162965
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 159.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.655 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

Instrument :

MSVOA_N

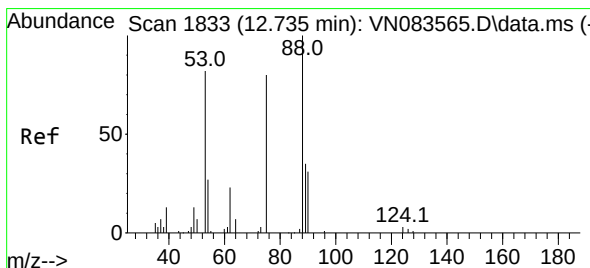
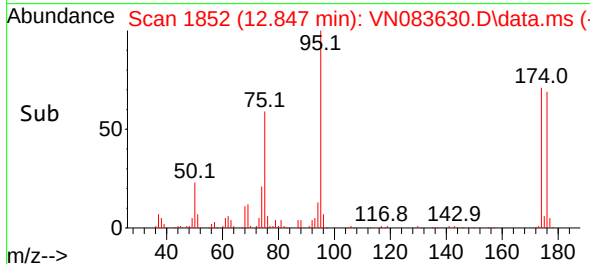
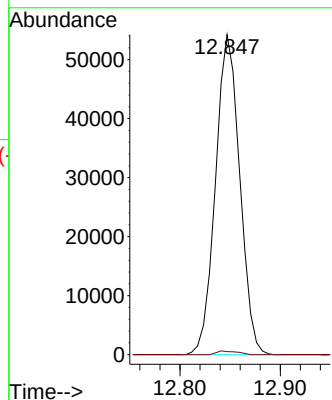
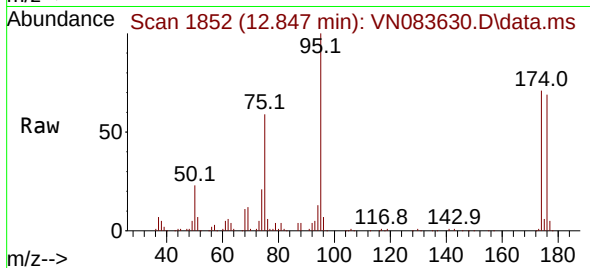
ClientSampleId :

Tgt Ion: 75 Resp: 90992

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.227 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

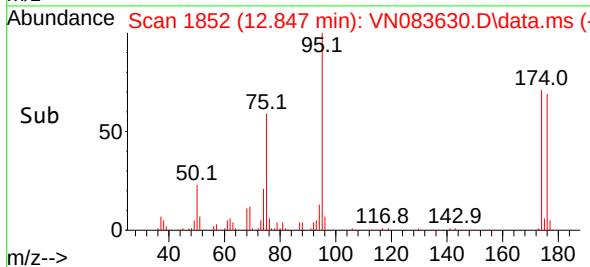
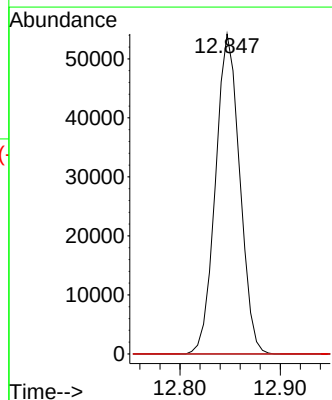
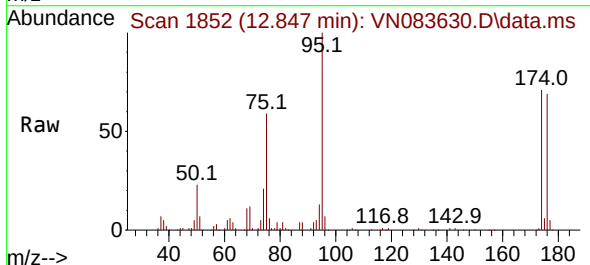
Tgt Ion: 75 Resp: 90992

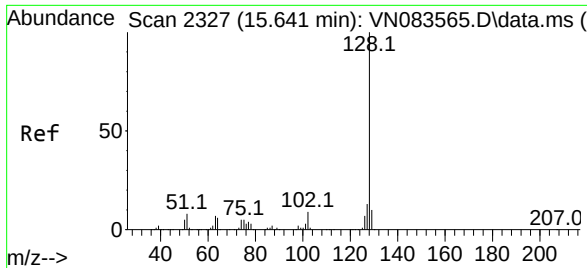
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#





#95

Naphthalene

Concen: 1.809 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

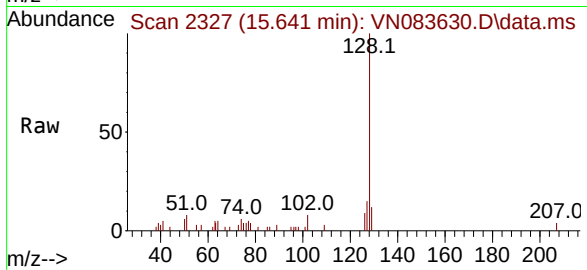
Lab File: VN083630.D

Acq: 03 Sep 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 19065

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.3 8.7 13.1

