

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083595.D
 Acq On : 31 Aug 2024 05:21
 Operator : JC\MD
 Sample : P3769-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 06:25:39 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)

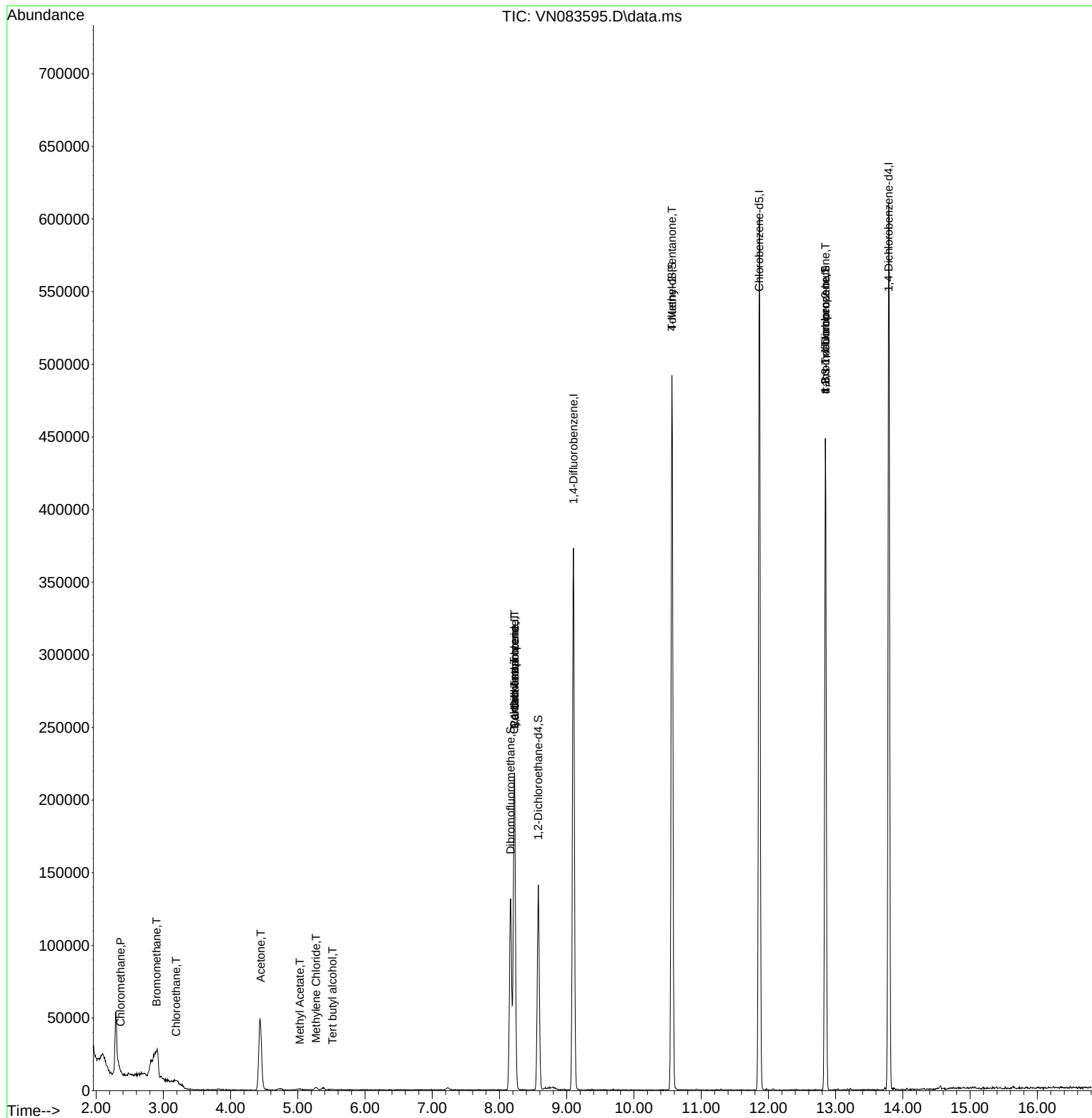
Internal Standards						
1) Pentafluorobenzene	8.224	168	150895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115132	54.593	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.180%		
35) Dibromofluoromethane	8.165	113	91886	49.685	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.360%		
50) Toluene-d8	10.565	98	335882	46.664	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.320%		
62) 4-Bromofluorobenzene	12.847	95	156653	58.719	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	777	0.418	ug/l	89
5) Bromomethane	2.901	94	227	0.232	ug/l	92
6) Chloroethane	3.189	64	5555	4.566	ug/l #	45
11) Tert butyl alcohol	5.518	59	198	0.602	ug/l #	71
16) Acetone	4.448	43	1967	2.339	ug/l #	45
18) Methyl Acetate	5.030	43	1698	0.759	ug/l #	78
20) Methylene Chloride	5.271	84	1213	0.653	ug/l #	83
31) Cyclohexane	8.218	56	3798	1.164	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	13420	4.757	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17432	5.416	ug/l #	17
43) Isopropyl Acetate	8.683	43	1186	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1795	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86641	27.400	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86641	64.625	ug/l #	9

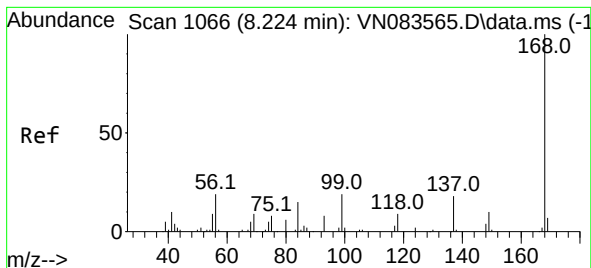
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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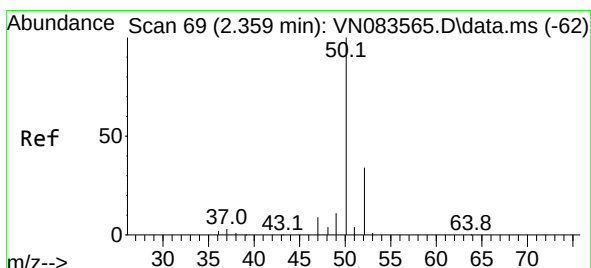
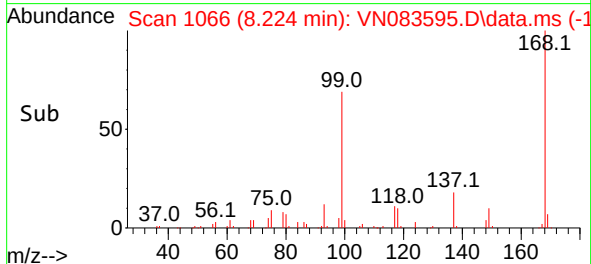
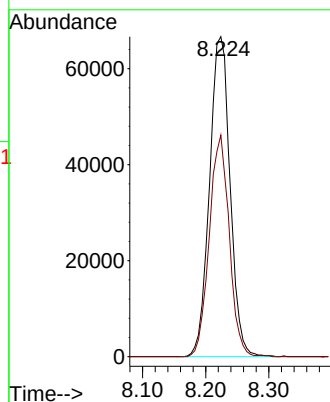
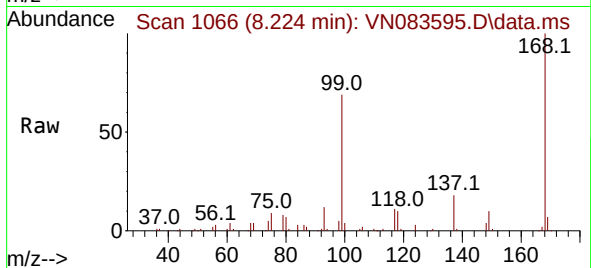




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

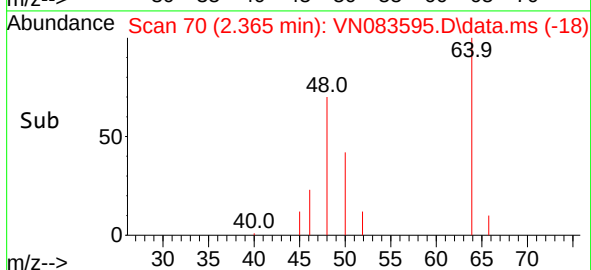
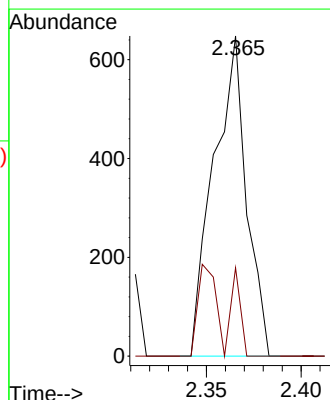
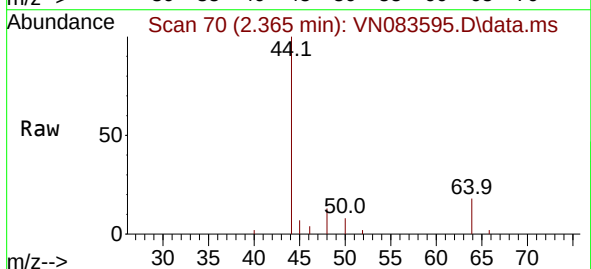
Instrument :
MSVOA_N
ClientSampleId :

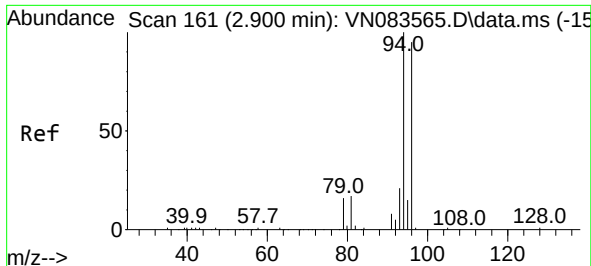
Tgt Ion:168 Resp: 150895
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#3
Chloromethane
Concen: 0.418 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 27.6 27.2 40.8

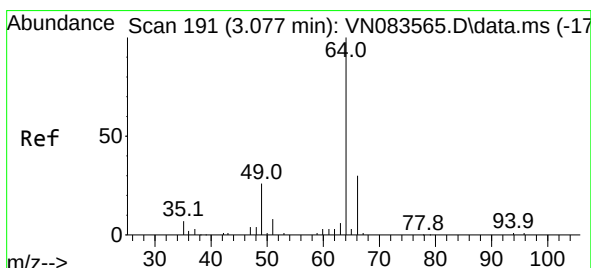
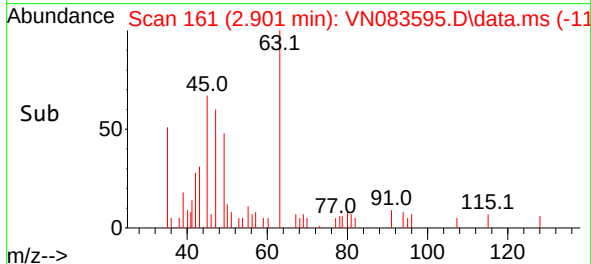
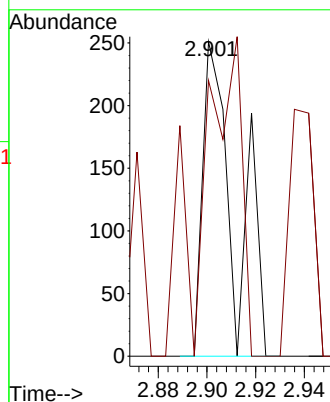
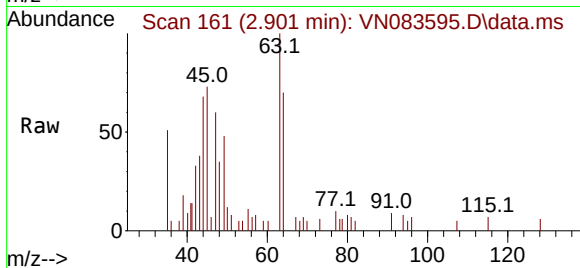




#5
Bromomethane
Concen: 0.232 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

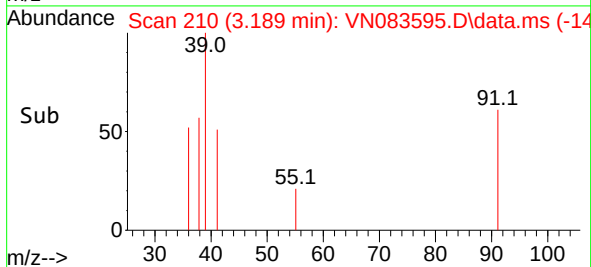
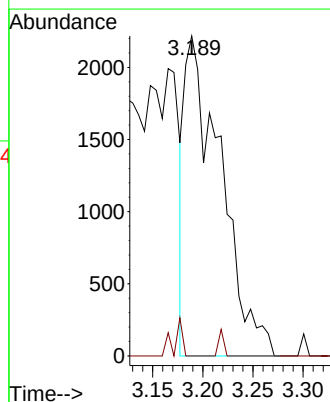
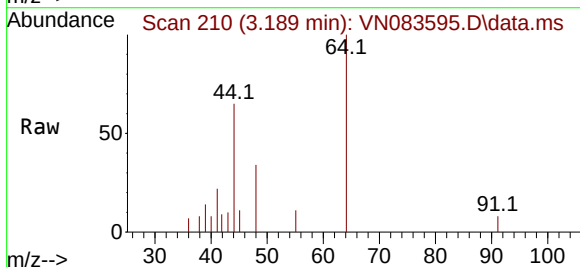
Instrument :
MSVOA_N
ClientSampleId :

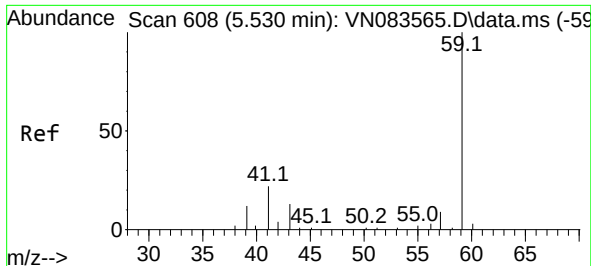
Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 87.6 76.0 114.0



#6
Chloroethane
Concen: 4.566 ug/l
RT: 3.189 min Scan# 210
Delta R.T. 0.112 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 64 Resp: 5555
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#11

Tert butyl alcohol

Concen: 0.602 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

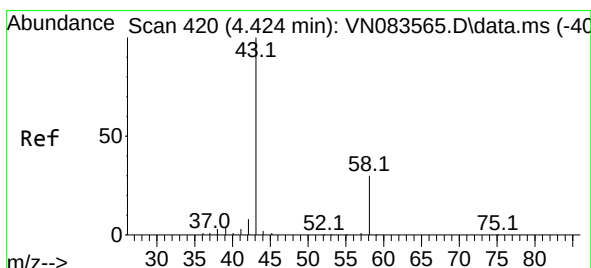
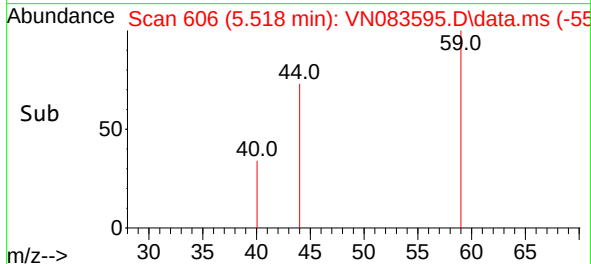
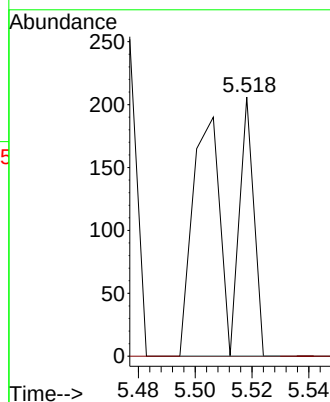
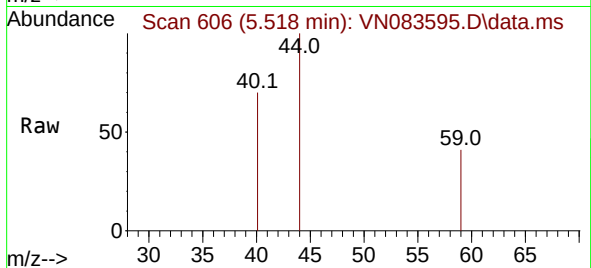
ClientSampleId :

Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 2.339 ug/l

RT: 4.448 min Scan# 424

Delta R.T. 0.024 min

Lab File: VN083595.D

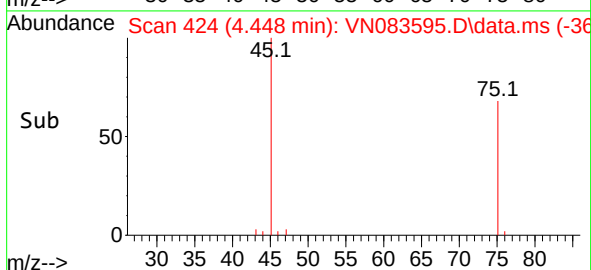
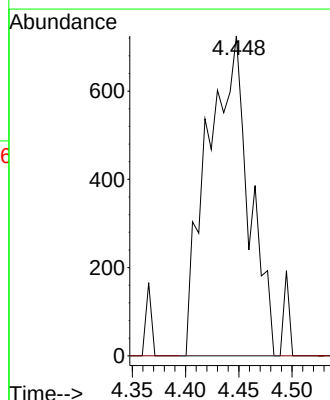
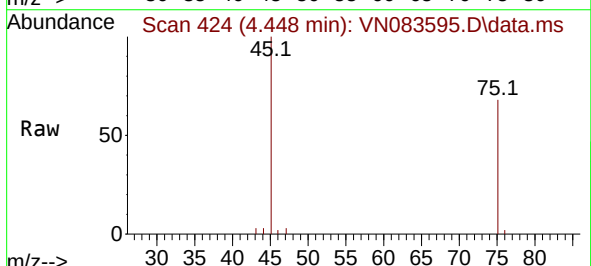
Acq: 31 Aug 2024 05:21

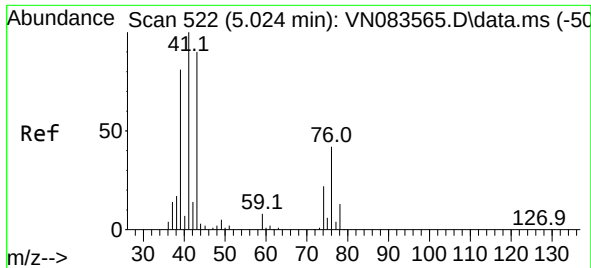
Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: 0.759 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

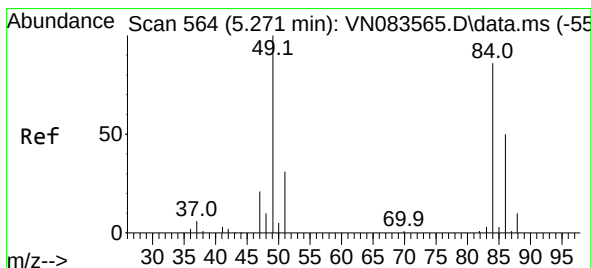
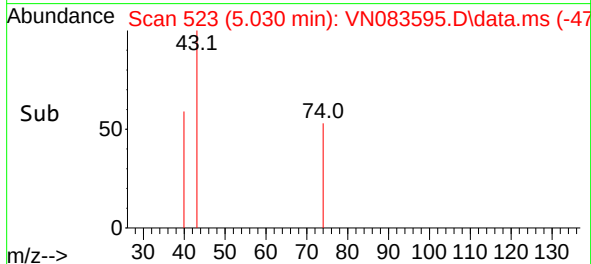
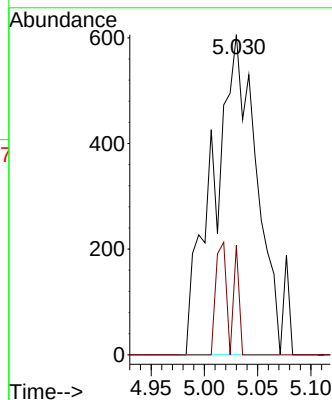
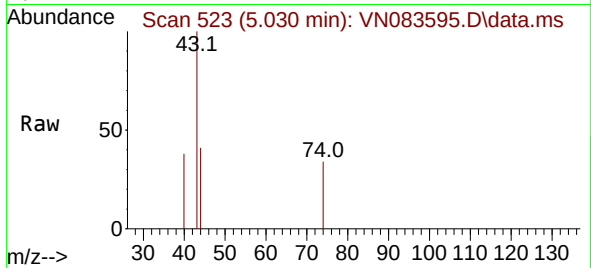
ClientSampleId :

Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

74 12.7 19.0 28.4#



#20

Methylene Chloride

Concen: 0.653 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Tgt Ion: 84 Resp: 1213

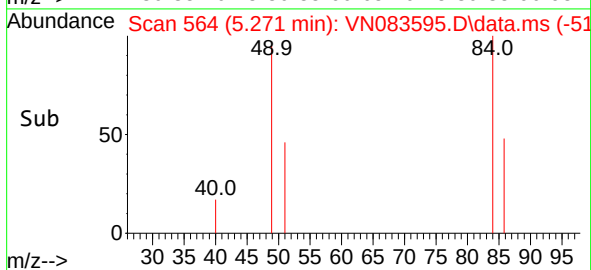
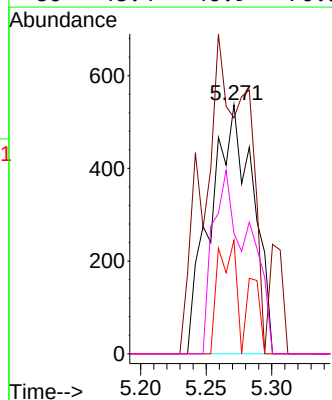
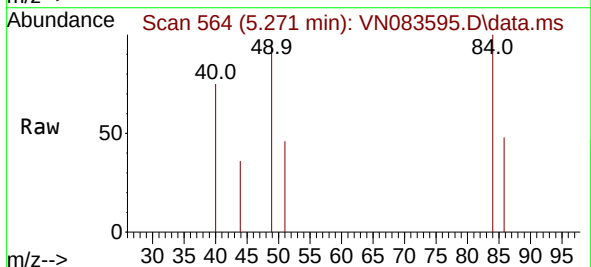
Ion Ratio Lower Upper

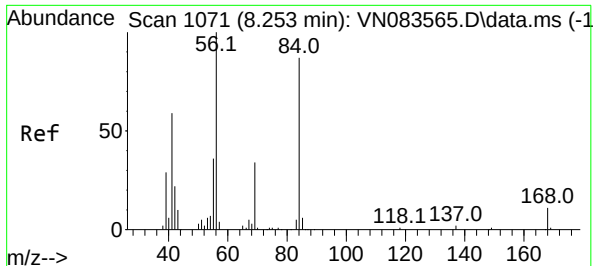
84 100

49 94.8 93.4 140.0

51 45.6 29.2 43.8#

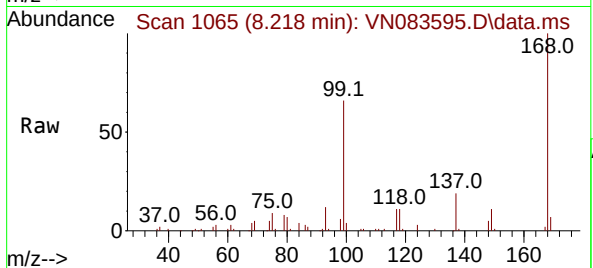
86 48.4 46.9 70.3



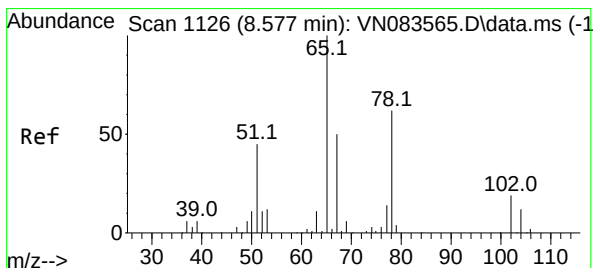
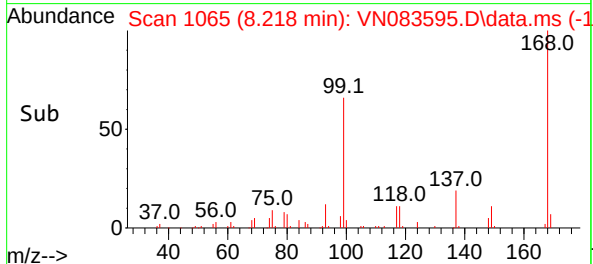
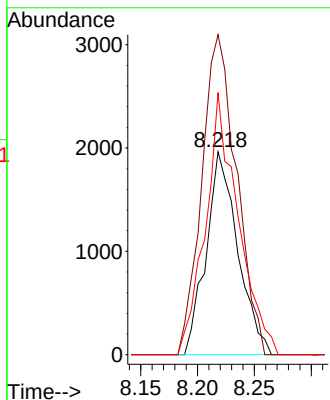


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Instrument :
MSVOA_N
ClientSampleId :

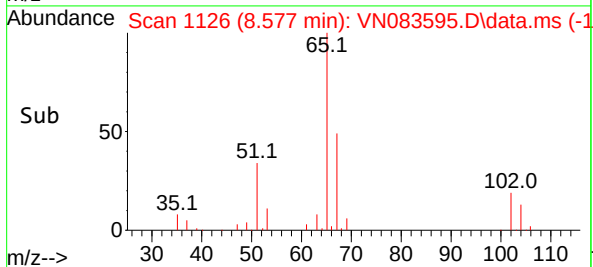
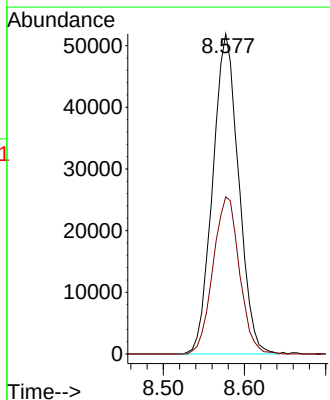
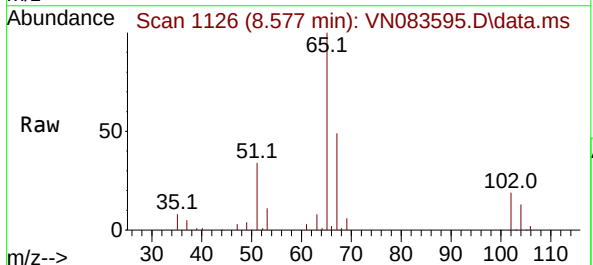


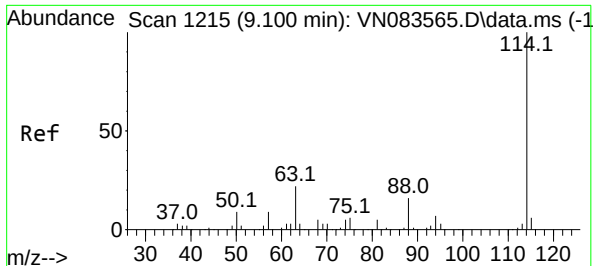
Tgt Ion: 56 Resp: 3798
Ion Ratio Lower Upper
56 100
69 157.7 26.9 40.3#
84 129.2 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.593 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 65 Resp: 115132
Ion Ratio Lower Upper
65 100
67 50.0 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: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

ClientSampleId :

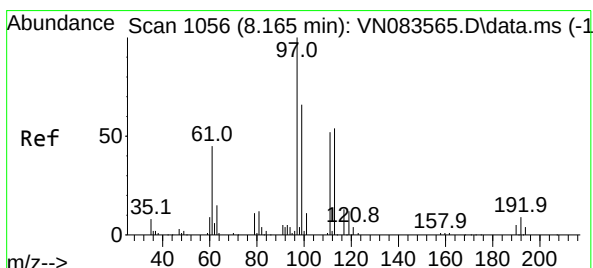
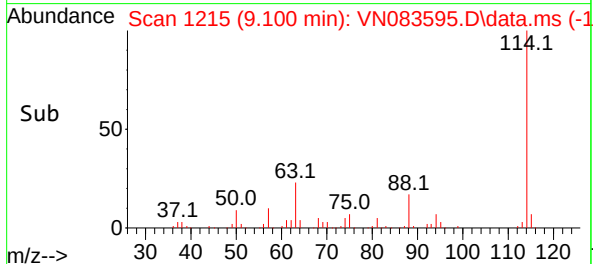
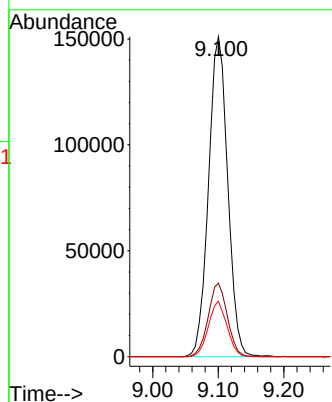
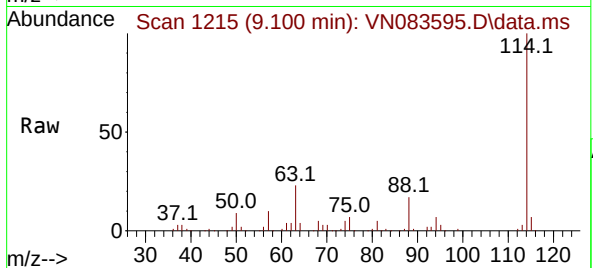
Tgt Ion:114 Resp: 307267

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.685 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

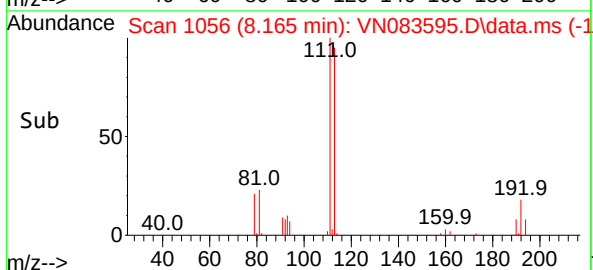
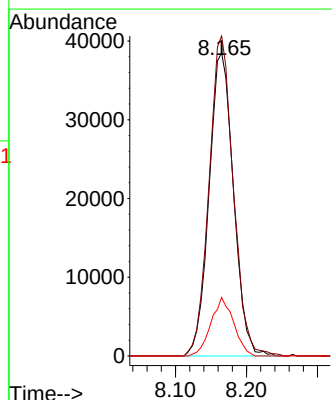
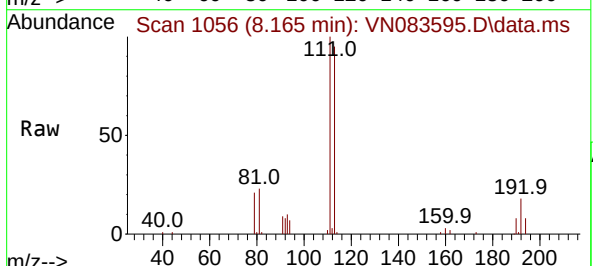
Tgt Ion:113 Resp: 91886

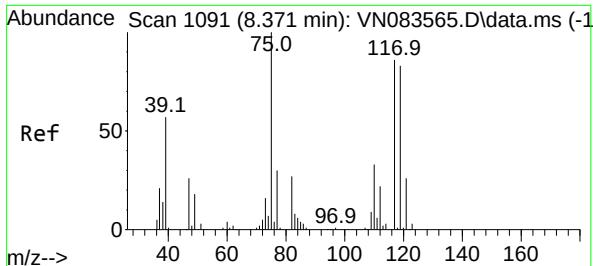
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 17.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

ClientSampleId :

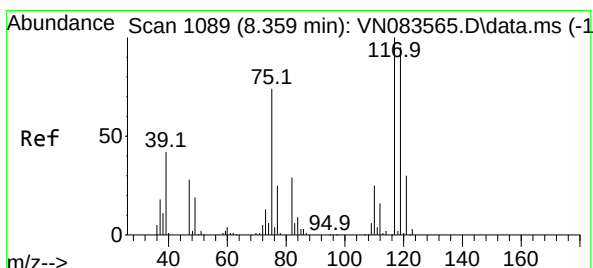
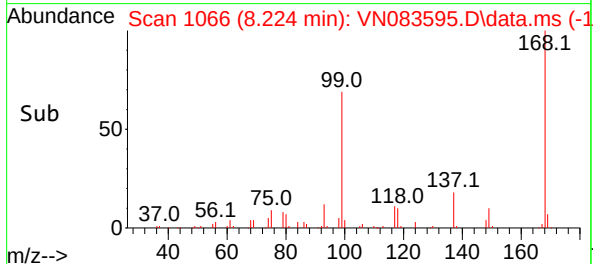
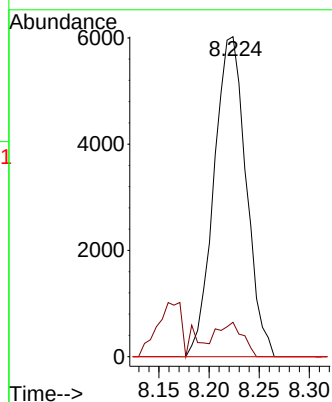
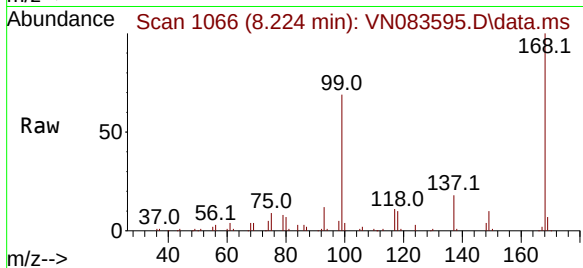
Tgt Ion: 75 Resp: 13420

Ion Ratio Lower Upper

75 100

110 8.5 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.416 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

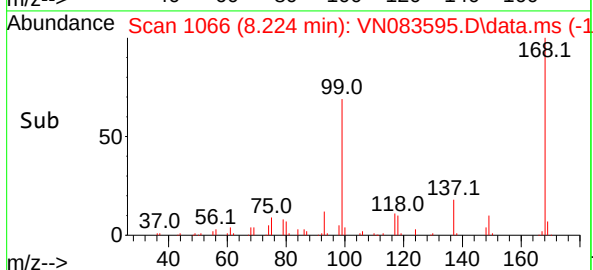
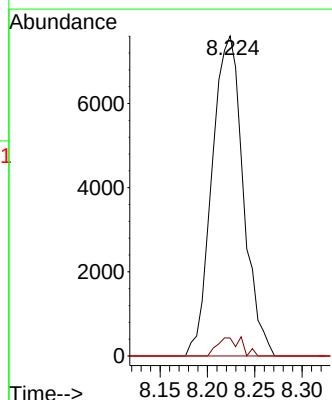
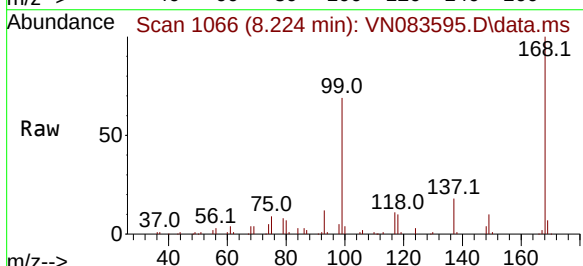
Tgt Ion: 117 Resp: 17432

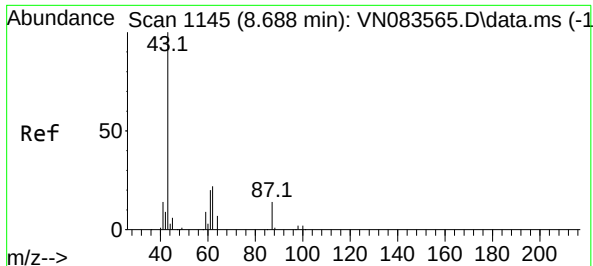
Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1145

Delta R.T. -0.005 min

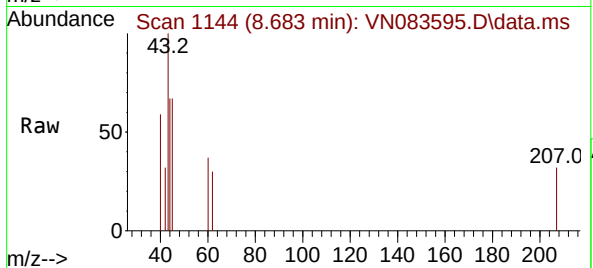
Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

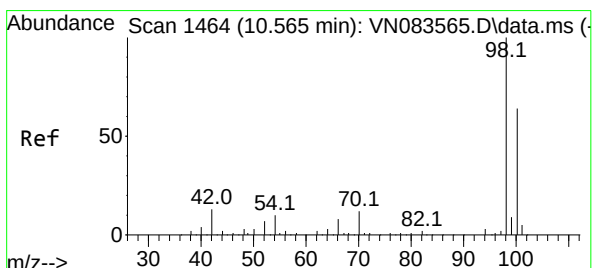
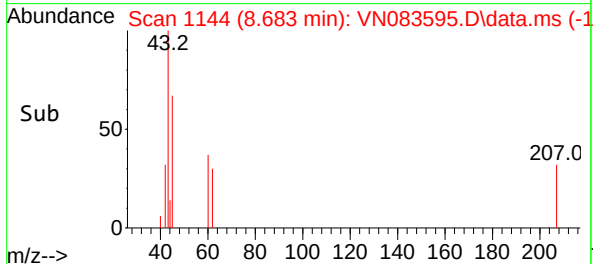
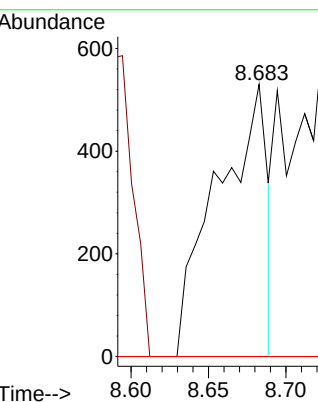
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1186
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#



#50

Toluene-d8

Concen: 46.664 ug/l

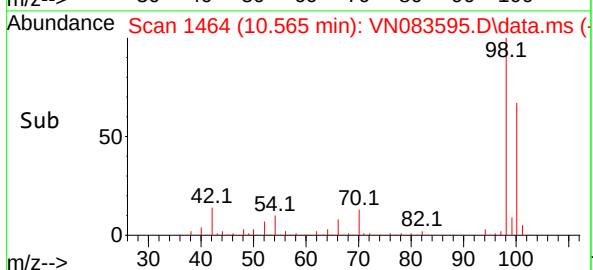
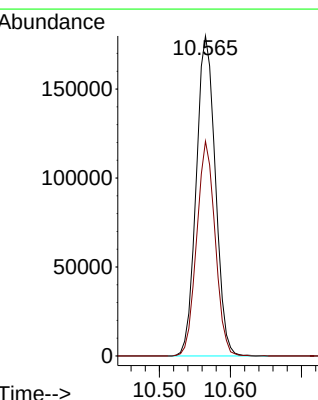
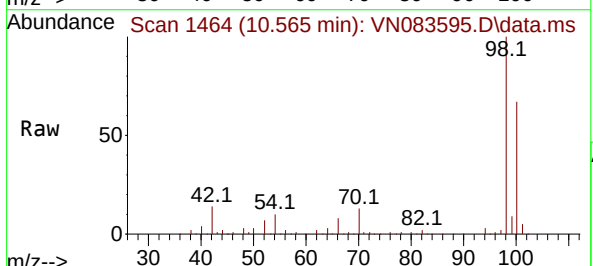
RT: 10.565 min Scan# 1464

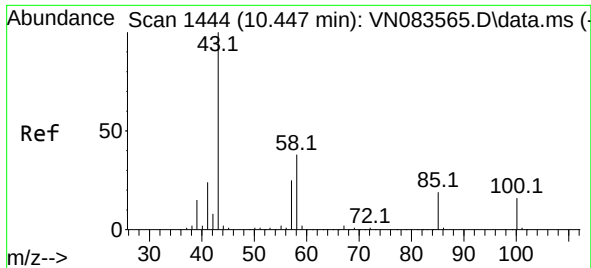
Delta R.T. -0.000 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Tgt Ion:	98	Resp:	335882
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

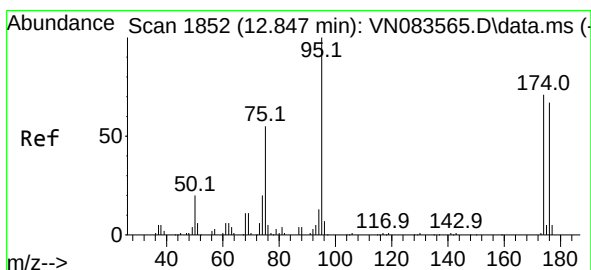
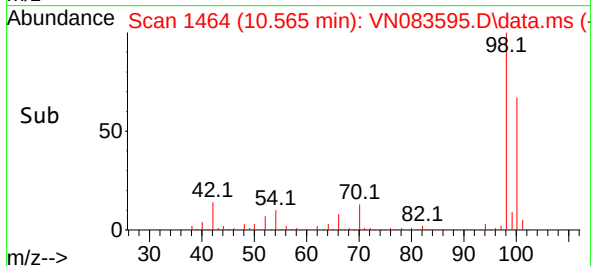
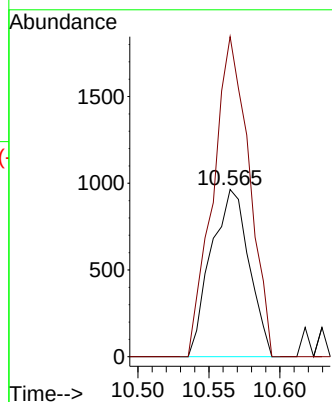
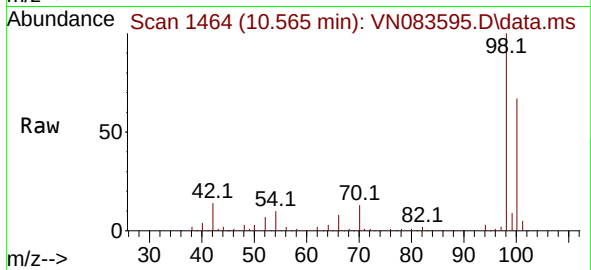




#51
4-Methyl-2-Pentanone
Concen: 0.688 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

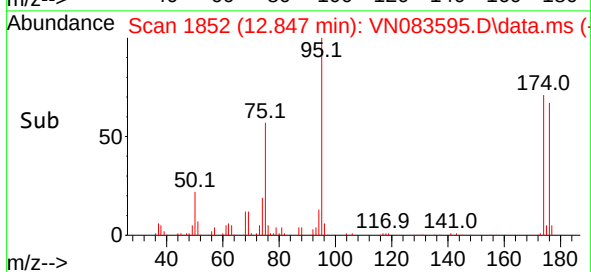
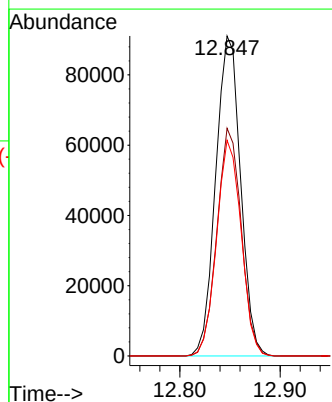
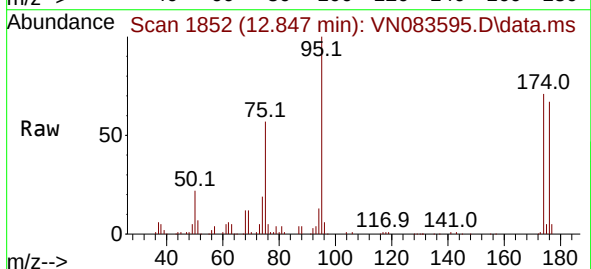
Instrument :
MSVOA_N
ClientSampleId :

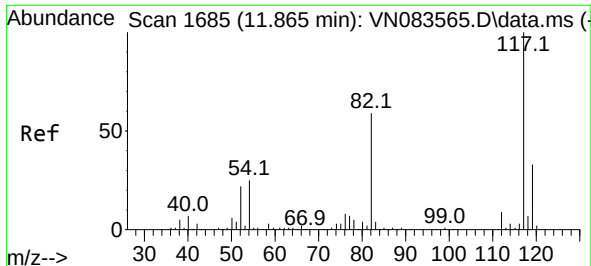
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 181.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 58.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 95 Resp: 156653
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.7 0.0 131.4

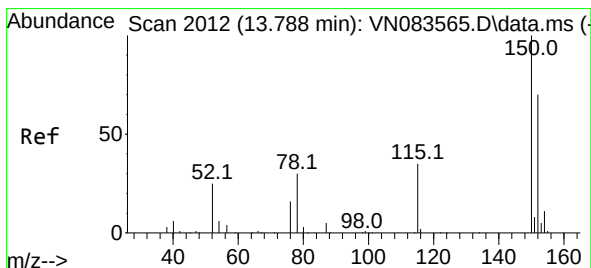
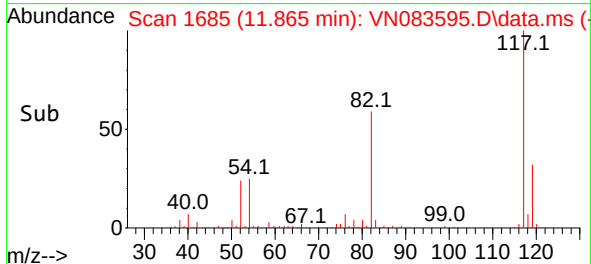
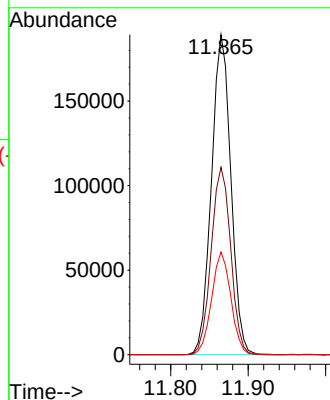
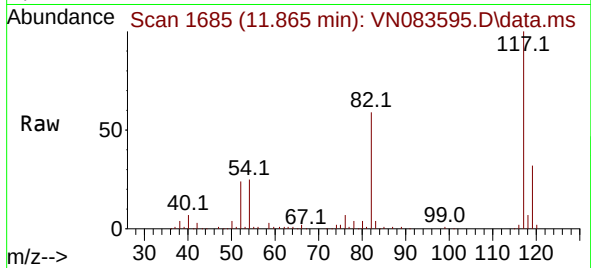




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

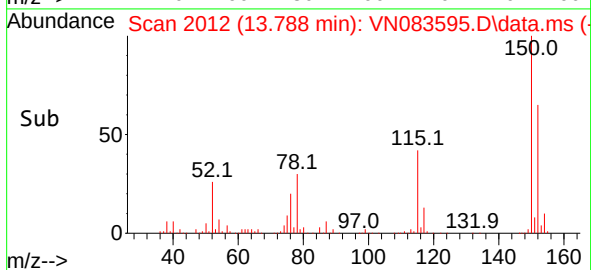
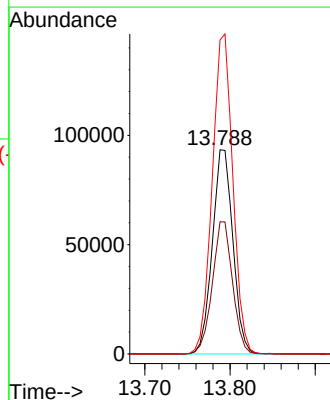
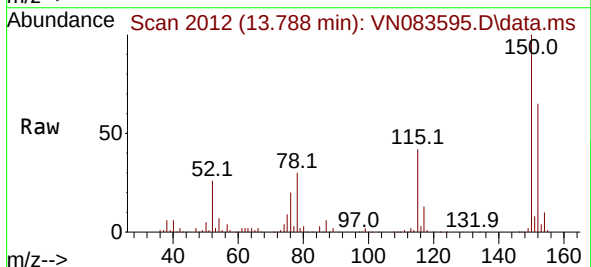
Instrument :
MSVOA_N
ClientSampleId :

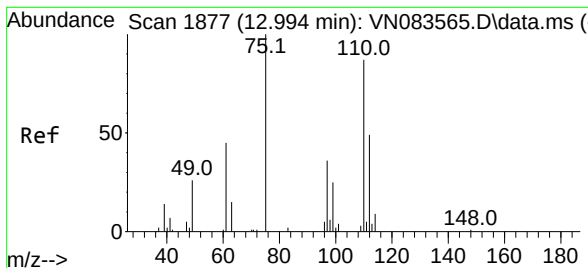
Tgt Ion:117 Resp: 329638
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion:152 Resp: 156617
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 156.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.400 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

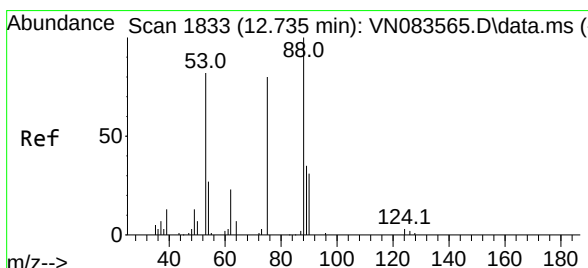
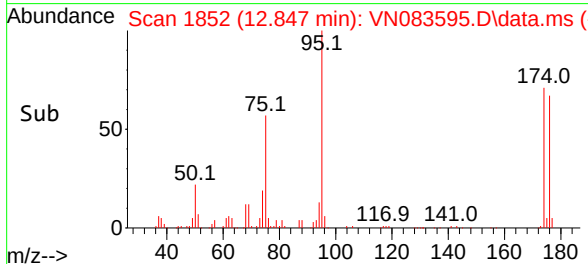
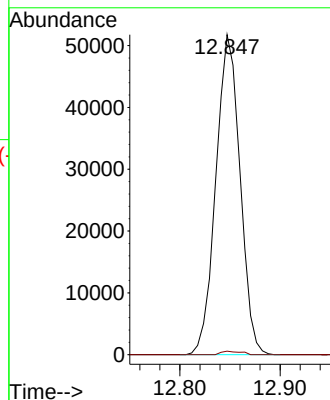
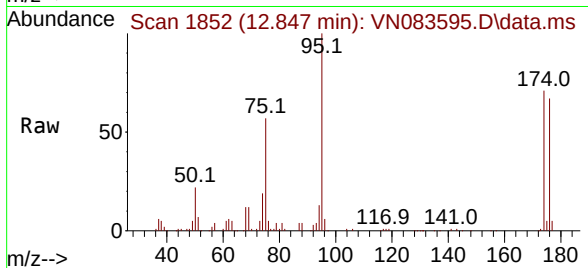
ClientSampleId :

Tgt Ion: 75 Resp: 86641

Ion Ratio Lower Upper

75 100

77 0.9 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.625 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Tgt Ion: 75 Resp: 86641

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

