

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083459.D
 Acq On : 23 Aug 2024 14:36
 Operator : JC\MD
 Sample : P3694-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 00:01:41 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

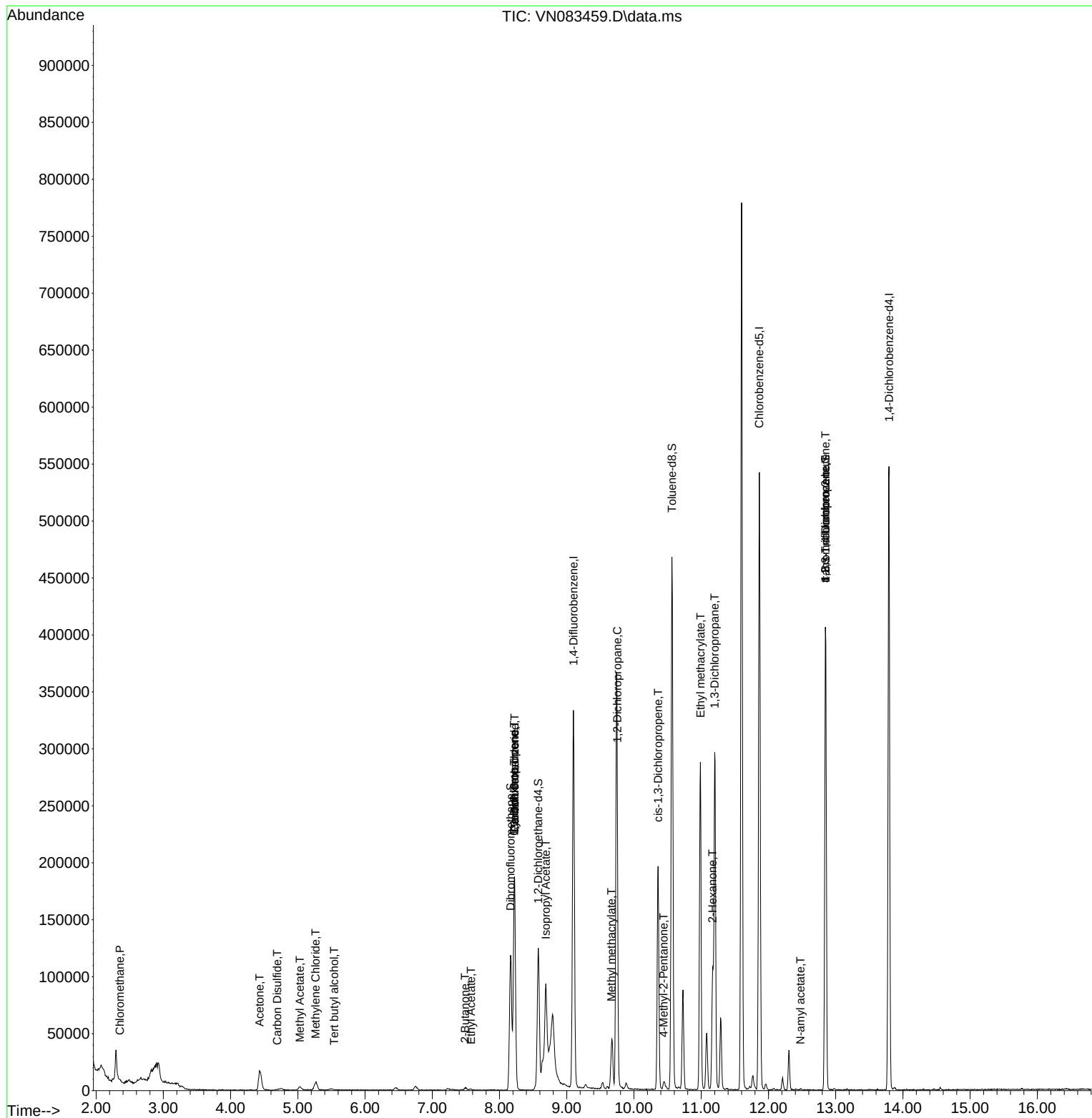
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	131423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106560	56.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.920%	
35) Dibromofluoromethane	8.165	113	85230	50.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	10.565	98	315923	49.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.847	95	142883	57.910	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.820%	
Target Compounds						Qvalue
3) Chloromethane	2.353	50	460	0.301	ug/l #	43
11) Tert butyl alcohol	5.541	59	189	0.486	ug/l #	71
16) Acetone	4.430	43	32083	43.830	ug/l	99
17) Carbon Disulfide	4.694	76	1886	0.442	ug/l #	75
18) Methyl Acetate	5.030	43	6608	3.030	ug/l	97
20) Methylene Chloride	5.265	84	5290	3.140	ug/l #	66
25) 2-Butanone	7.488	43	3849	3.425	ug/l	96
31) Cyclohexane	8.218	56	3267	1.178	ug/l #	6
36) 1,1-Dichloropropene	8.218	75	12088	4.710	ug/l #	51
37) Ethyl Acetate	7.577	43	1985	0.691	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15654	5.415	ug/l #	16
43) Isopropyl Acetate	8.688	43	138357	26.571	ug/l #	81
45) 1,2-Dichloropropane	9.753	63	455	0.251	ug/l #	44
48) Methyl methacrylate	9.665	41	3007	1.266	ug/l #	53
51) 4-Methyl-2-Pentanone	10.441	43	7631	2.808	ug/l #	82
54) cis-1,3-Dichloropropene	10.359	75	34562	10.845	ug/l #	57
56) Ethyl methacrylate	10.988	69	877	0.269	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	2787	0.903	ug/l #	43
59) 2-Hexanone	11.171	43	130401	62.028	ug/l #	28
74) N-amyl acetate	12.476	43	1492	0.257	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	78451	25.238	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78451	54.898	ug/l #	6

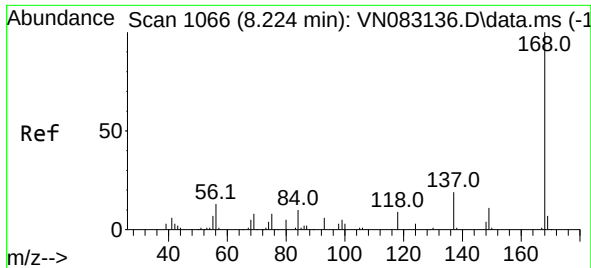
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083459.D
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Sample : P3694-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

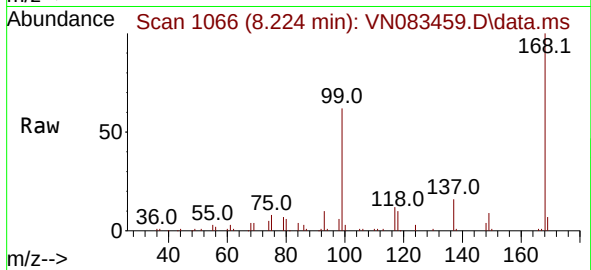
Quant Time: Aug 24 00:01:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



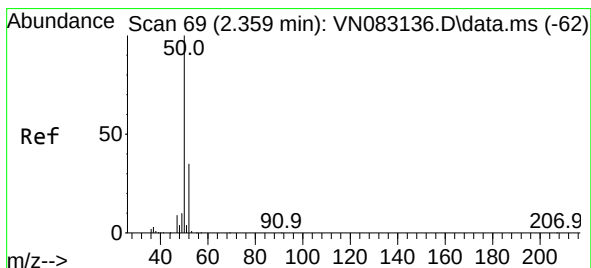
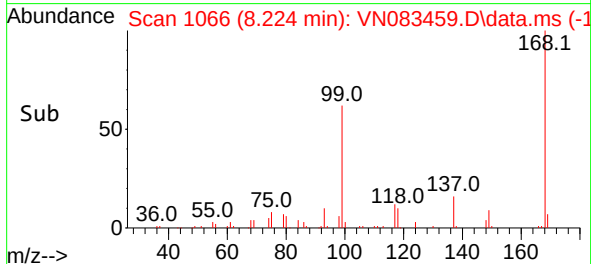
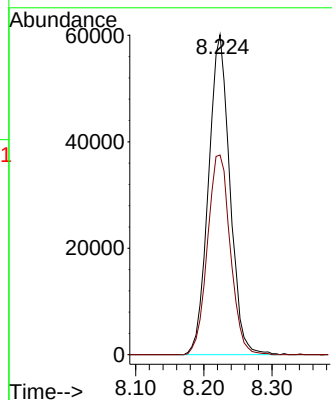


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

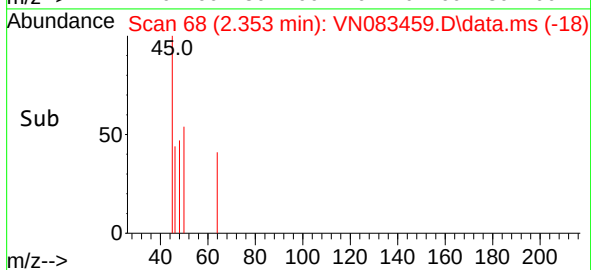
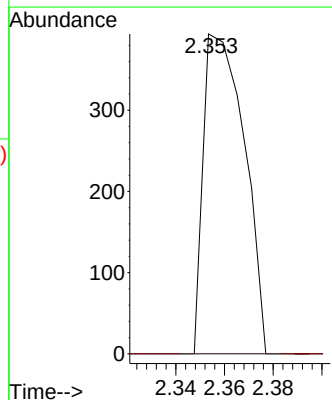
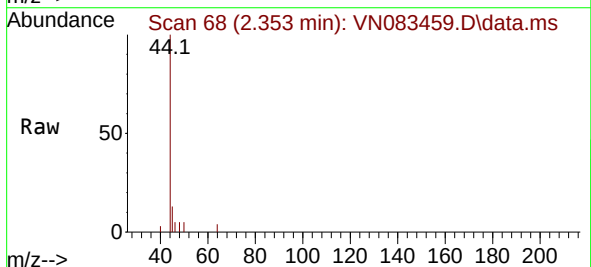


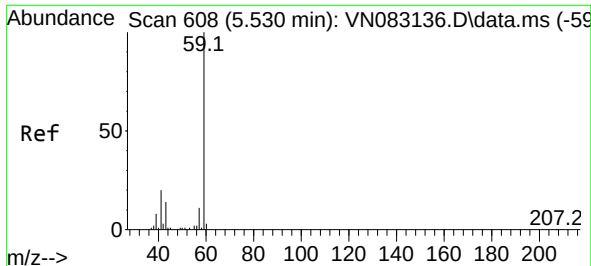
Tgt Ion:168 Resp: 131423
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.486 ug/l

RT: 5.541 min Scan# 610

Delta R.T. 0.012 min

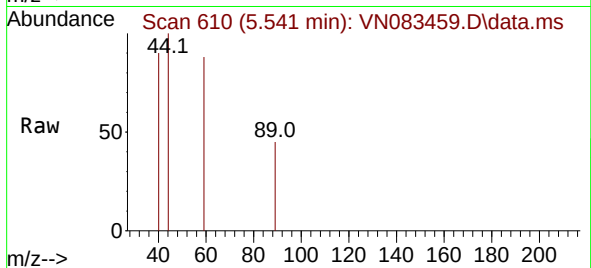
Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

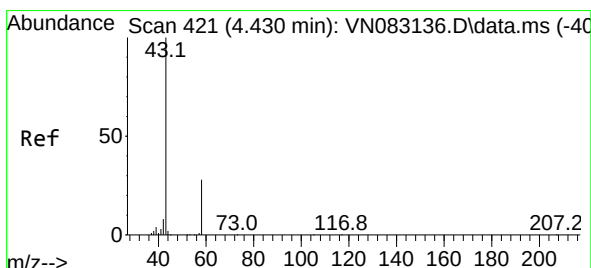
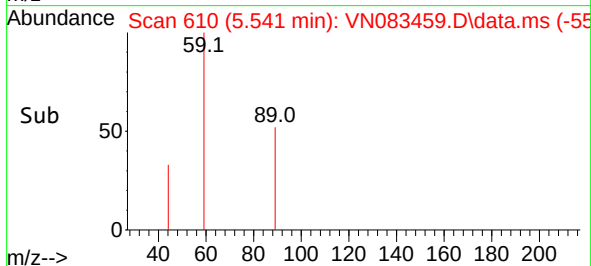
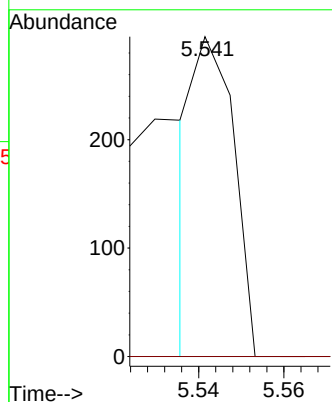


Tgt Ion: 59 Resp: 189

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 43.830 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN083459.D

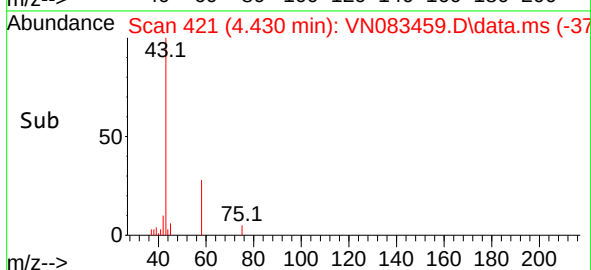
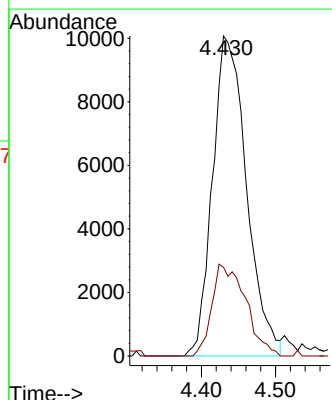
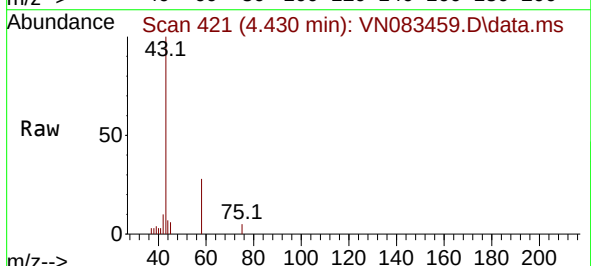
Acq: 23 Aug 2024 14:36

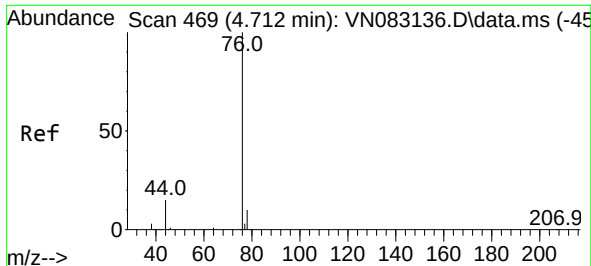
Tgt Ion: 43 Resp: 32083

Ion Ratio Lower Upper

43 100

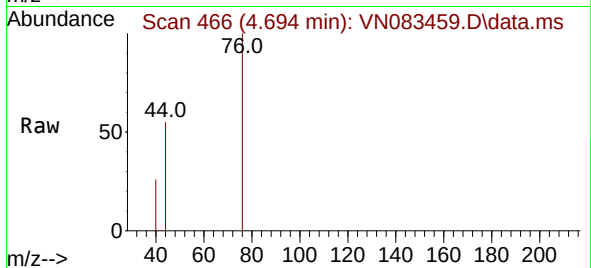
58 27.7 21.8 32.6



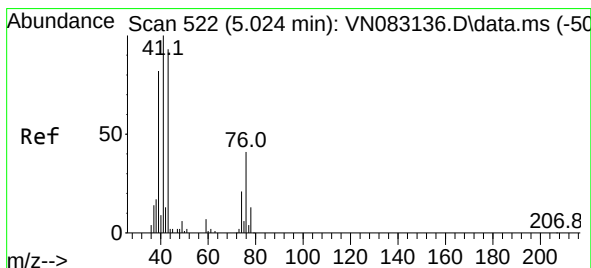
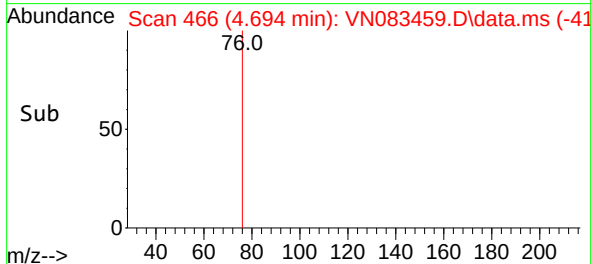
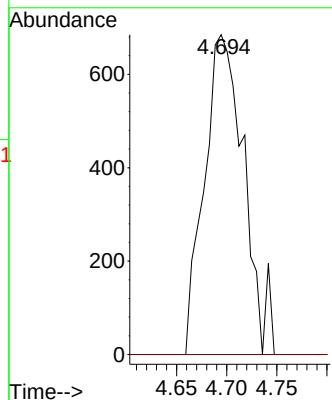


#17
Carbon Disulfide
Concen: 0.442 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

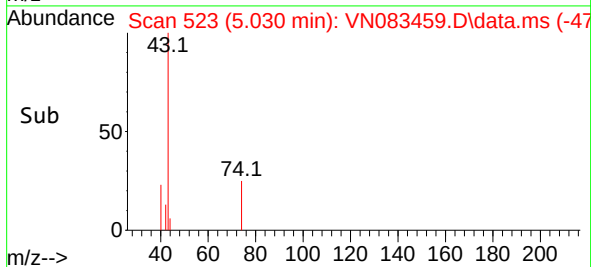
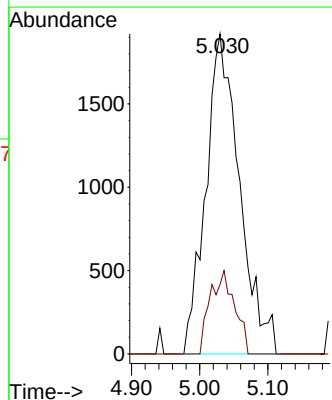
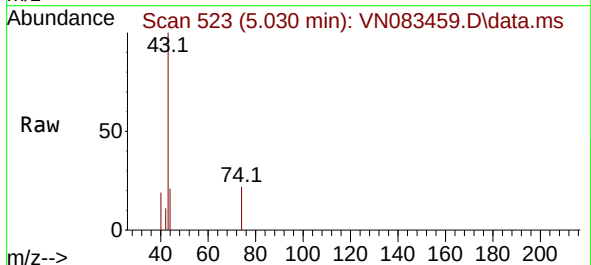


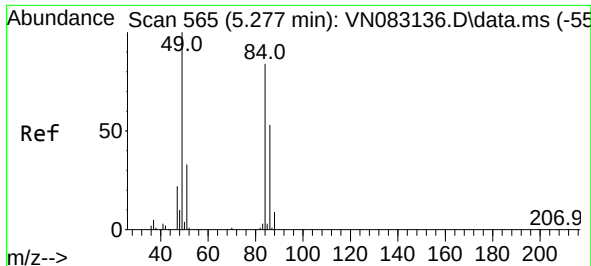
Tgt Ion: 76 Resp: 1886
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.030 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

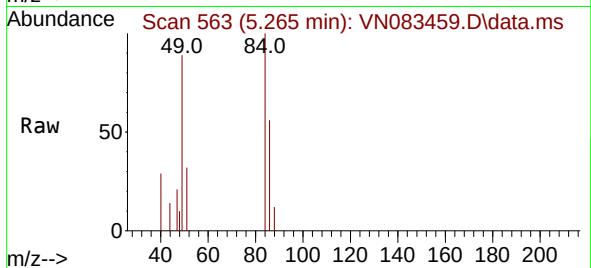
Tgt Ion: 43 Resp: 6608
Ion Ratio Lower Upper
43 100
74 18.9 16.3 24.5



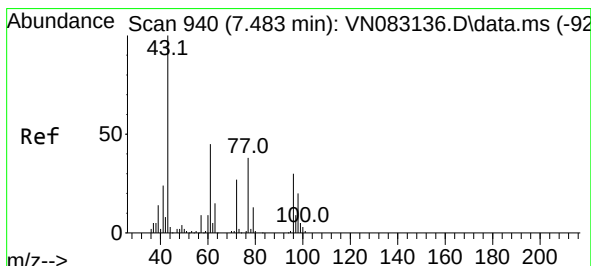
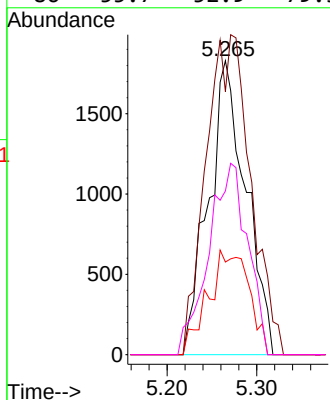
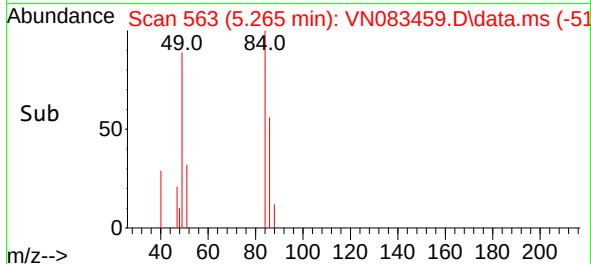


#20
Methylene Chloride
Concen: 3.140 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

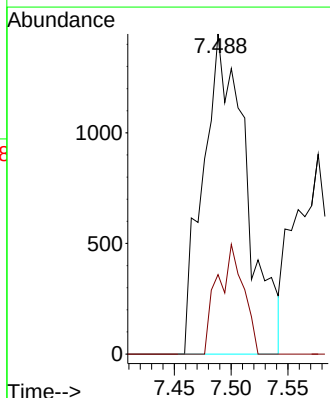
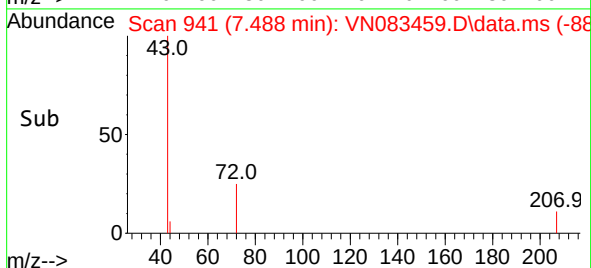
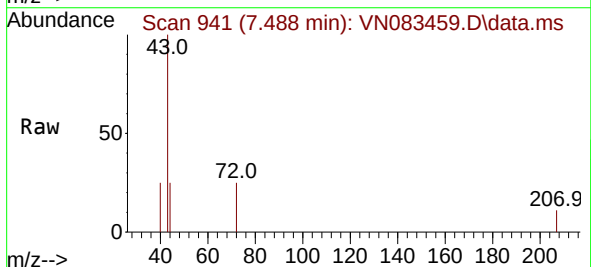


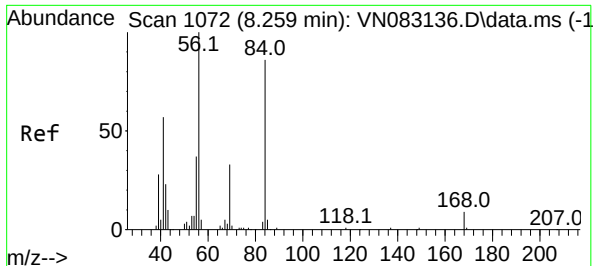
Tgt Ion: 84 Resp: 5290
Ion Ratio Lower Upper
84 100
49 89.5 119.6 179.4#
51 31.5 34.8 52.2#
86 55.7 52.9 79.3



#25
2-Butanone
Concen: 3.425 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

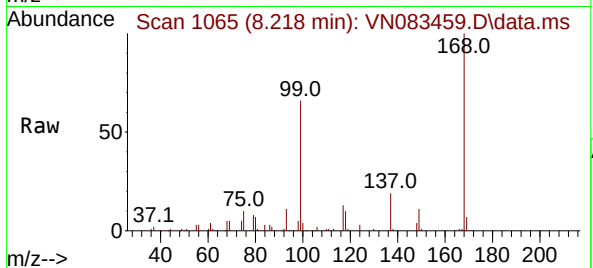
Tgt Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
72 24.8 18.2 27.2



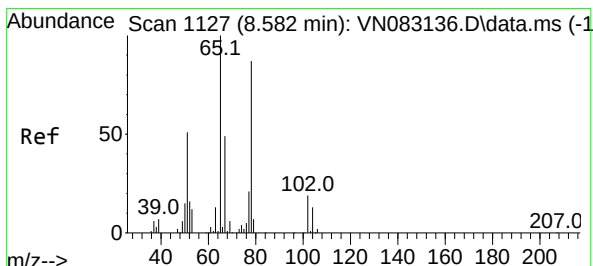
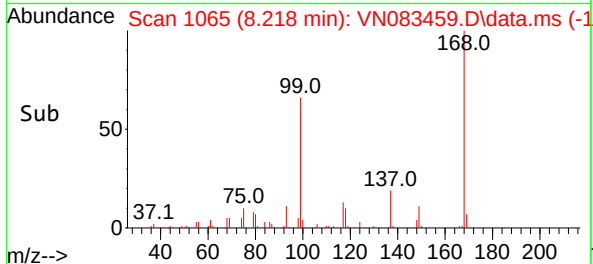
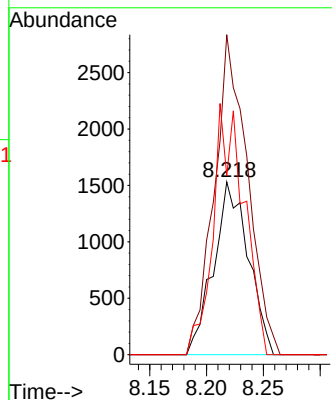


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

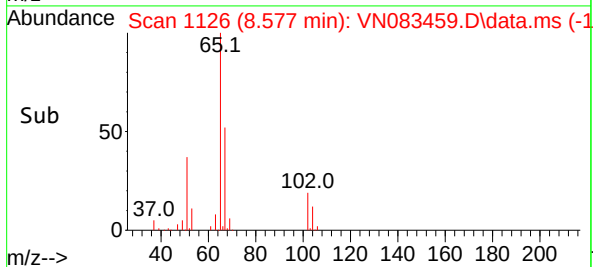
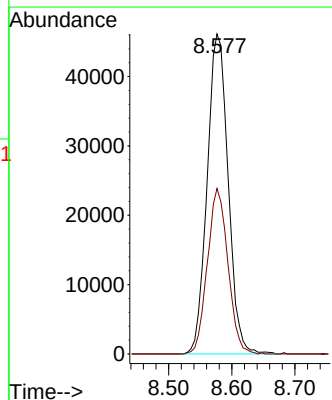
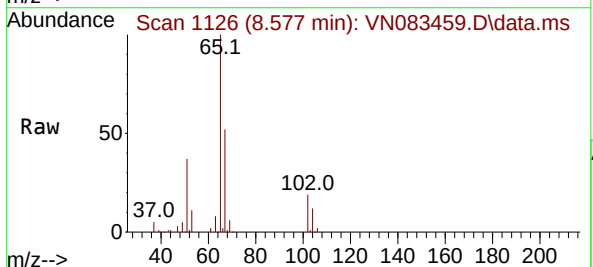


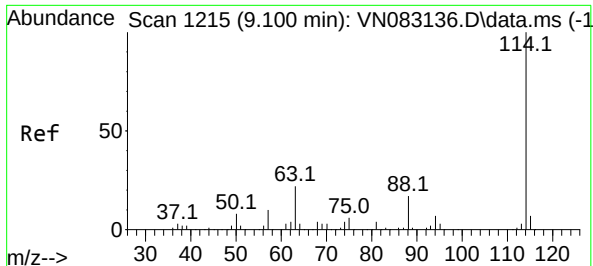
Tgt Ion: 56 Resp: 3267
Ion Ratio Lower Upper
56 100
69 185.1 24.5 36.7#
84 103.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.964 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Tgt Ion: 65 Resp: 106560
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

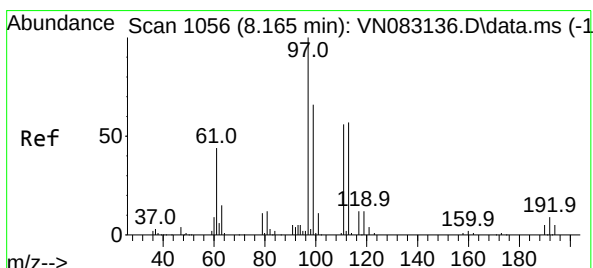
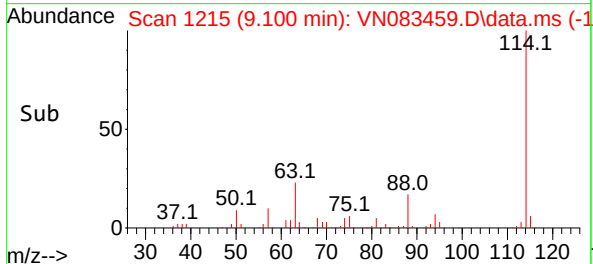
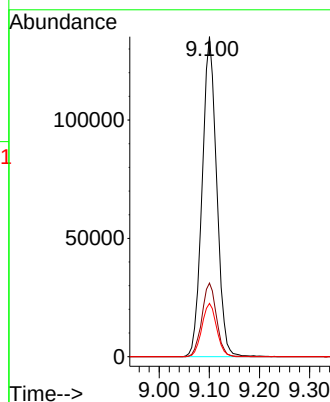
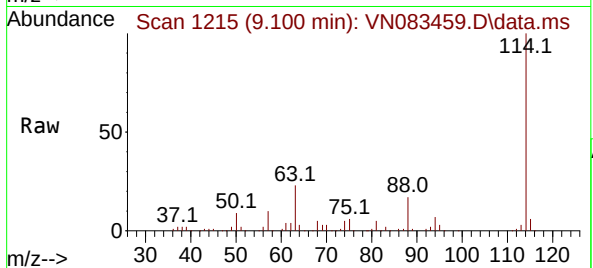
Tgt Ion:114 Resp: 271817

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.235 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

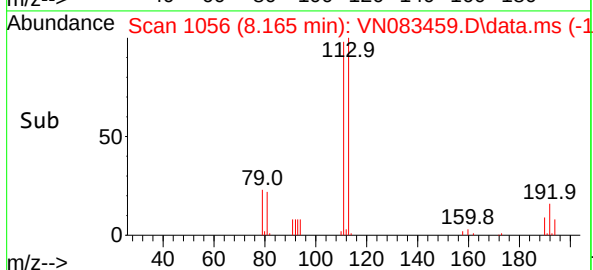
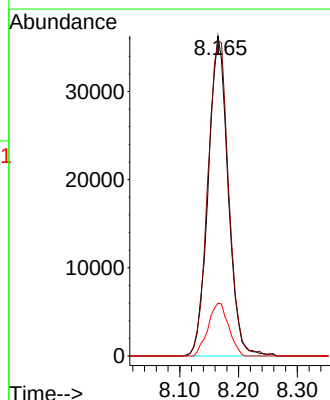
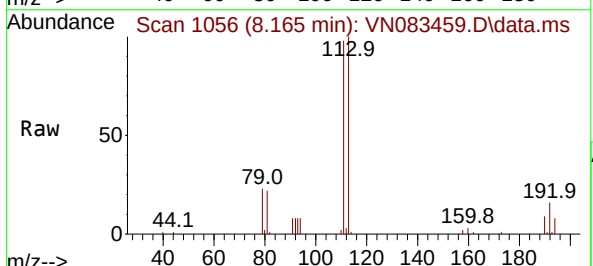
Tgt Ion:113 Resp: 85230

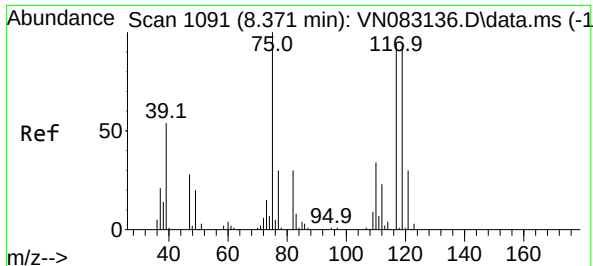
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.710 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

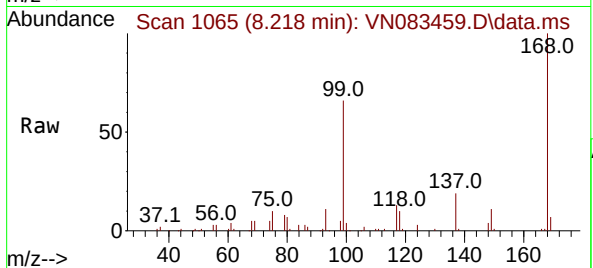
Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

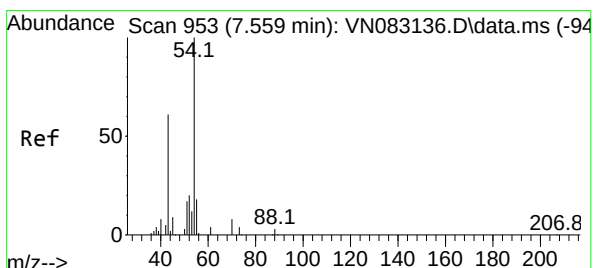
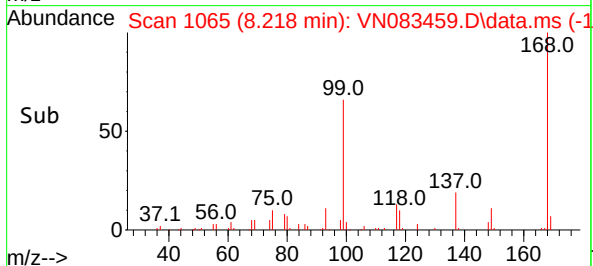
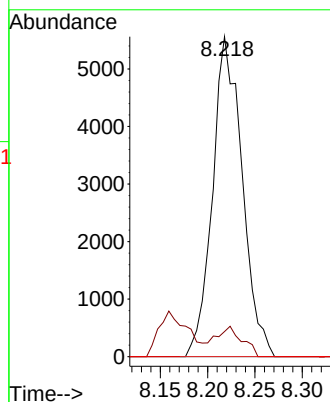
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 12088
Ion Ratio	Lower Upper
75	100
110	8.8 16.3 48.9#
77	0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.691 ug/l

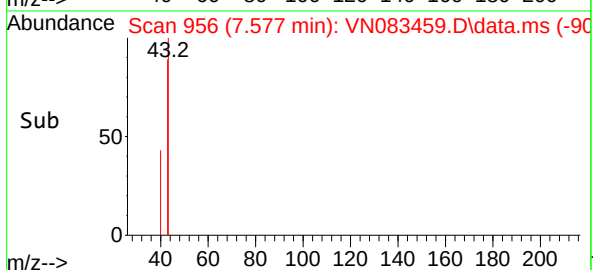
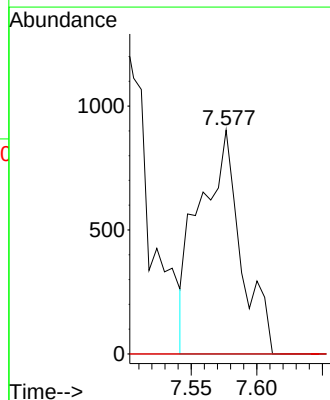
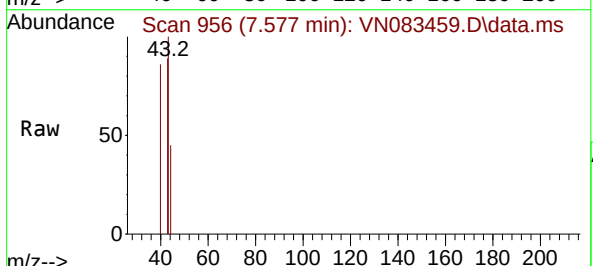
RT: 7.577 min Scan# 956

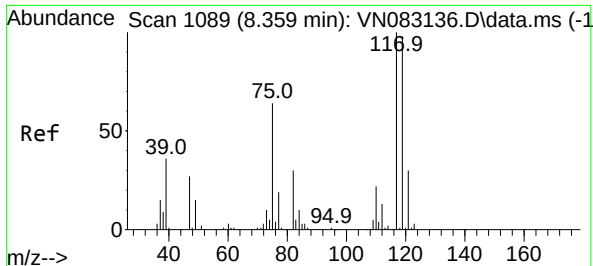
Delta R.T. 0.018 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

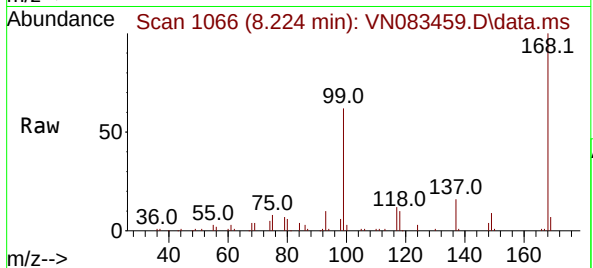
Tgt Ion: 43	Resp: 1985
Ion Ratio	Lower Upper
43	100
61	0.0 9.3 13.9#
70	0.0 7.0 10.6#



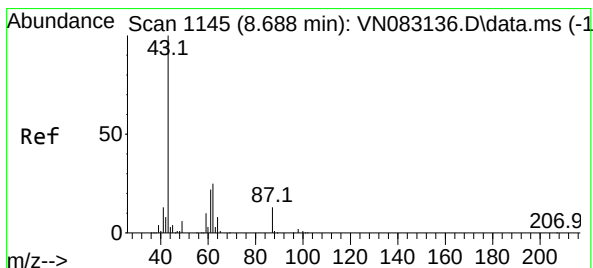
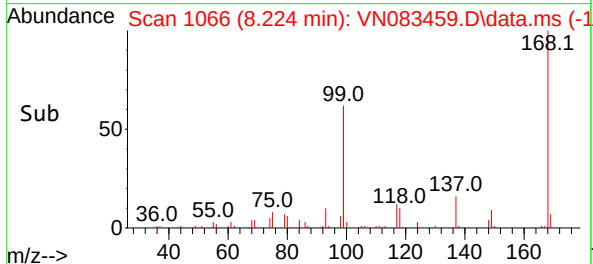
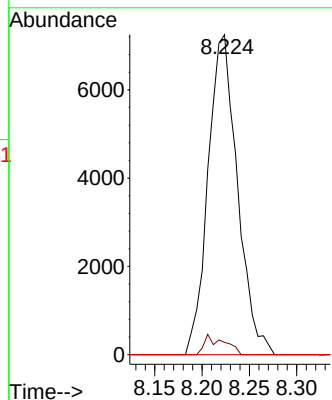


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

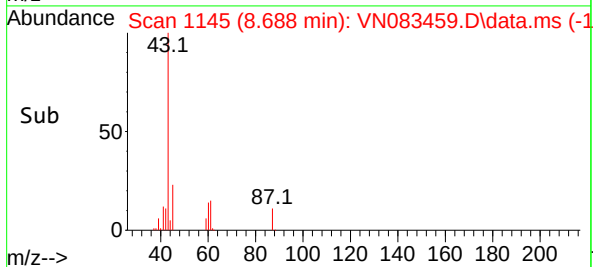
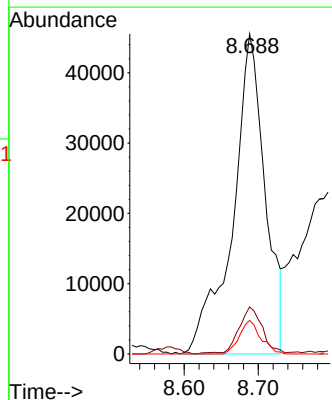
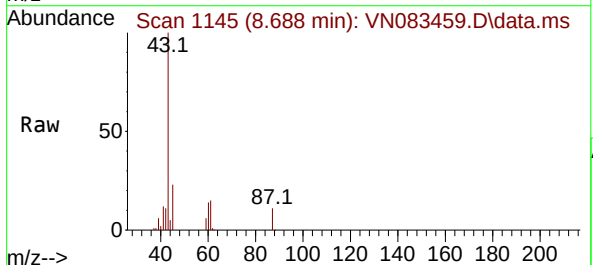


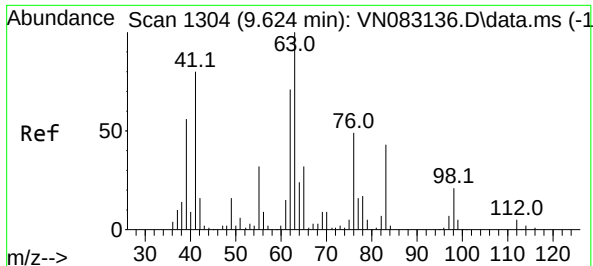
Tgt Ion:117 Resp: 15654
Ion Ratio Lower Upper
117 100
119 3.9 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 26.571 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Tgt Ion: 43 Resp: 138357
Ion Ratio Lower Upper
43 100
61 10.7 17.8 26.6#
87 6.9 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.251 ug/l

RT: 9.753 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

Instrument :

MSVOA_N

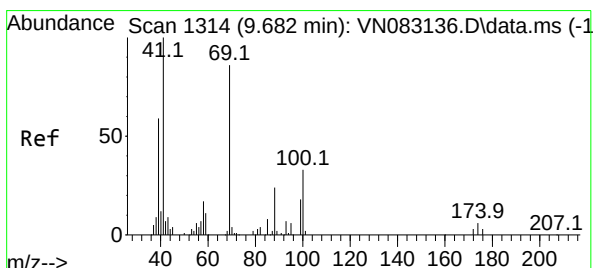
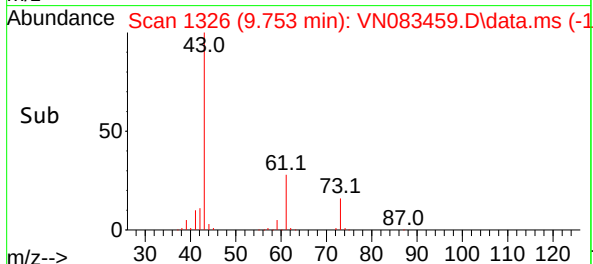
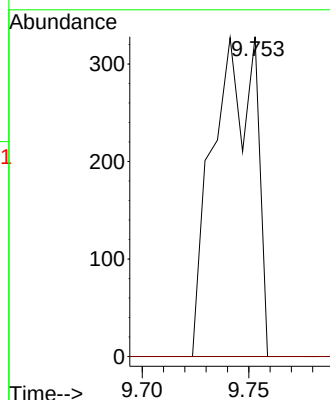
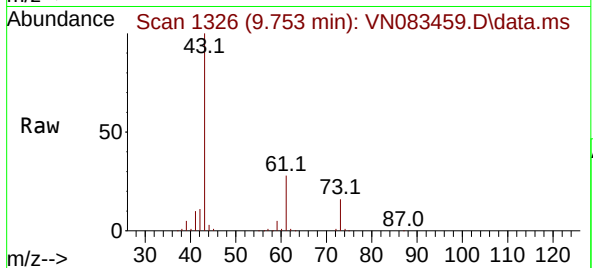
ClientSampleId :

Tgt Ion: 63 Resp: 455

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.266 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

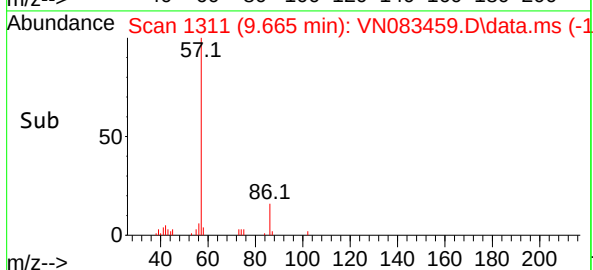
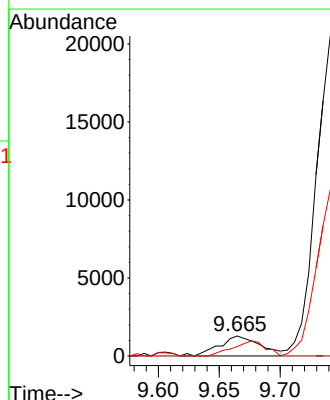
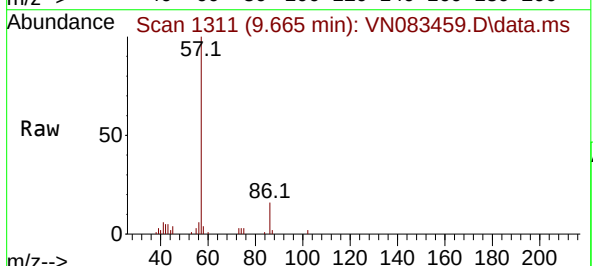
Tgt Ion: 41 Resp: 3007

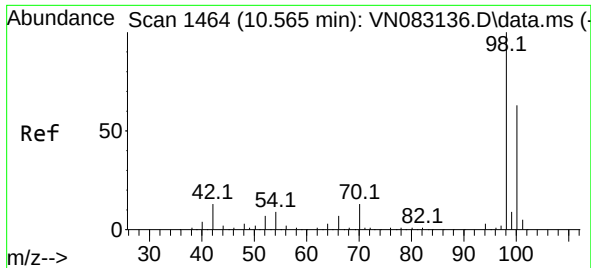
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 59.1 50.3 75.5

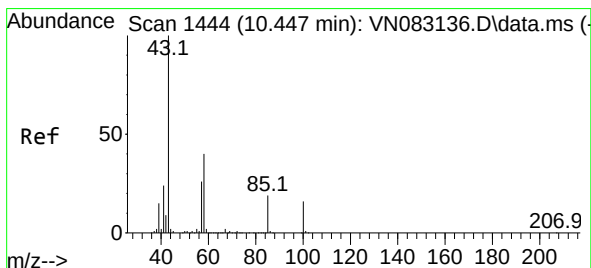
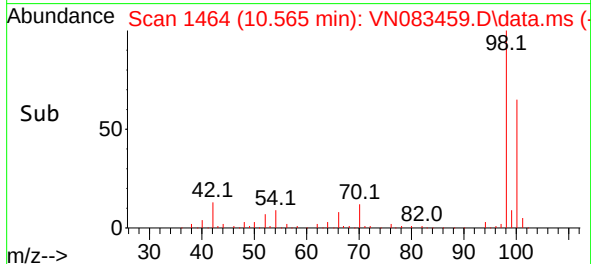
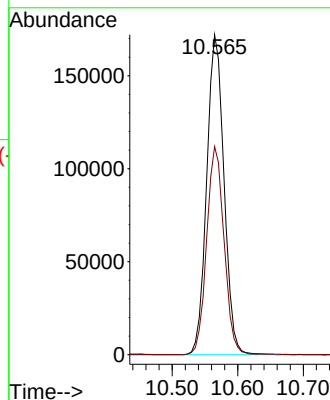
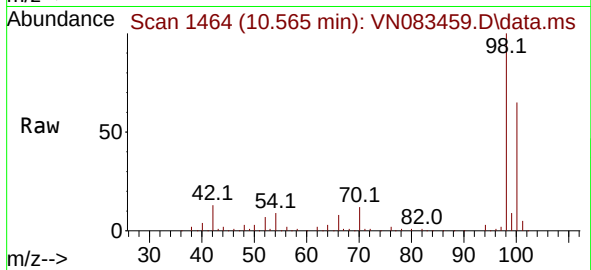




#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

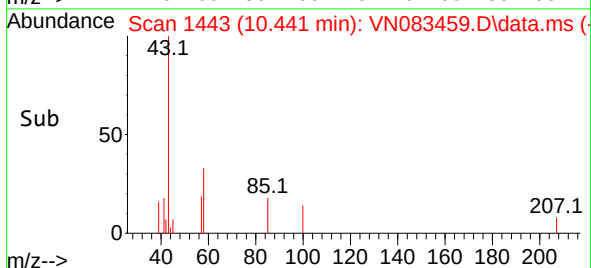
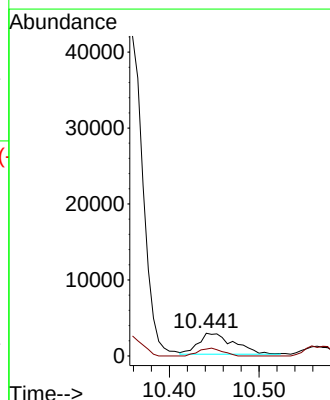
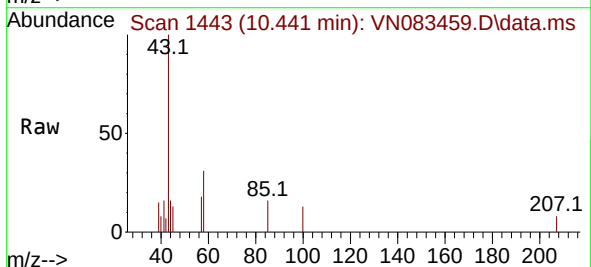
Instrument :
MSVOA_N
ClientSampleId :

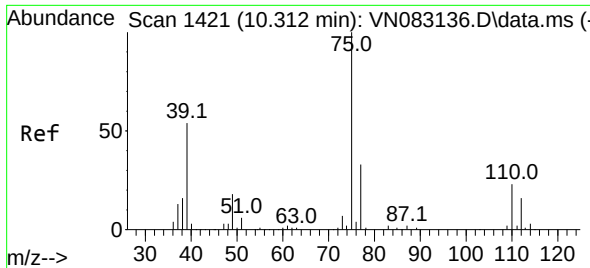
Tgt Ion: 98 Resp: 315923
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 2.808 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

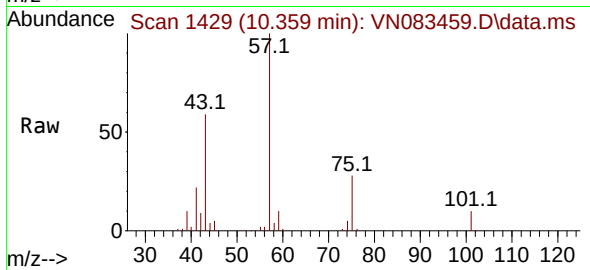
Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
58 25.0 28.2 42.4#



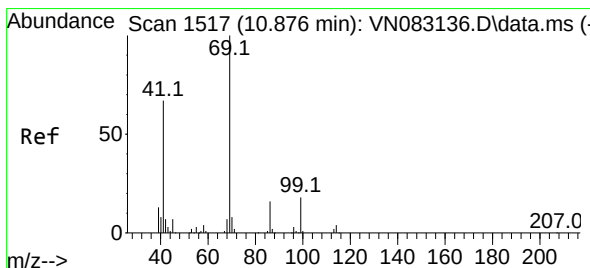
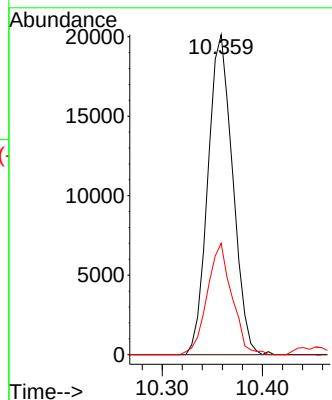
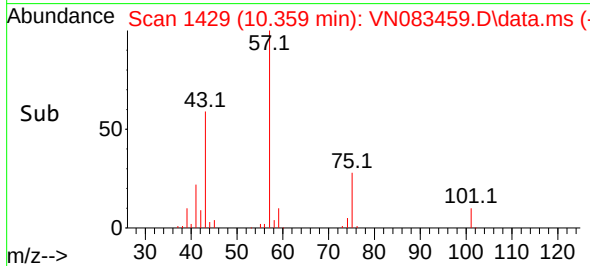


#54
 cis-1,3-Dichloropropene
 Concen: 10.845 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083459.D
 Acq: 23 Aug 2024 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

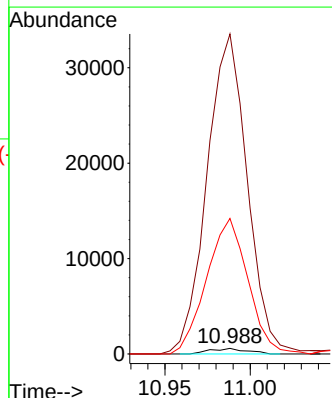
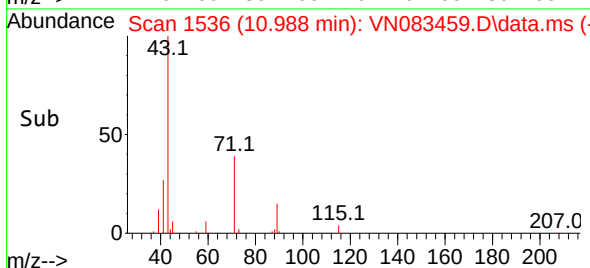
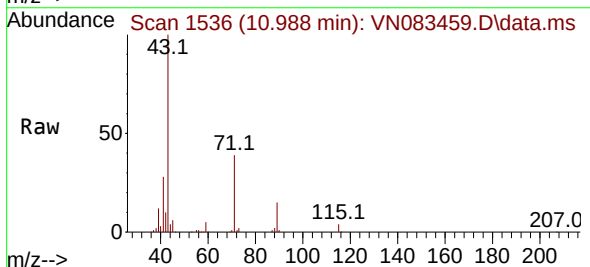


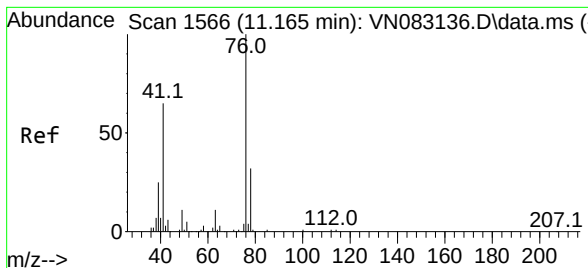
Tgt Ion: 75 Resp: 34562
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 34.8 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.269 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN083459.D
 Acq: 23 Aug 2024 14:36

Tgt Ion: 69 Resp: 877
 Ion Ratio Lower Upper
 69 100
 41 6320.2 63.4 95.2#
 39 2734.2 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 0.903 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

Lab File: VN083459.D

Acq: 23 Aug 2024 14:36

Instrument :

MSVOA_N

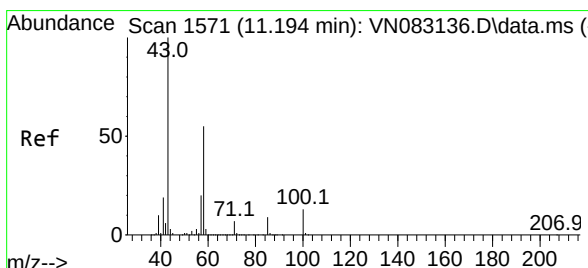
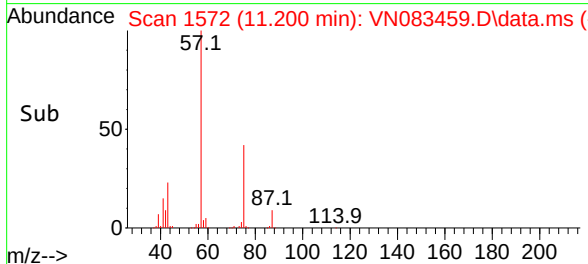
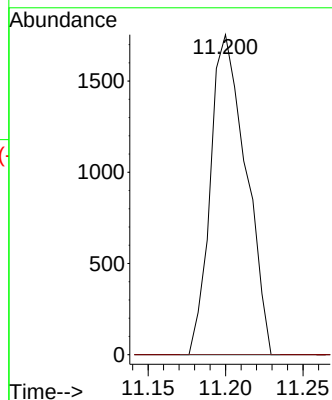
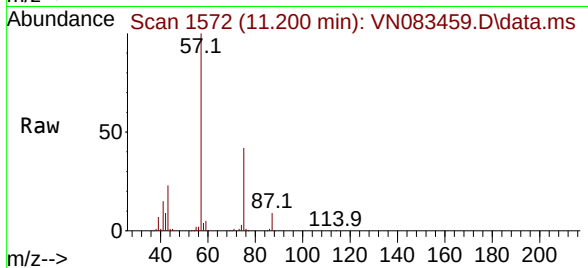
ClientSampleId :

Tgt Ion: 76 Resp: 2787

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 62.028 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN083459.D

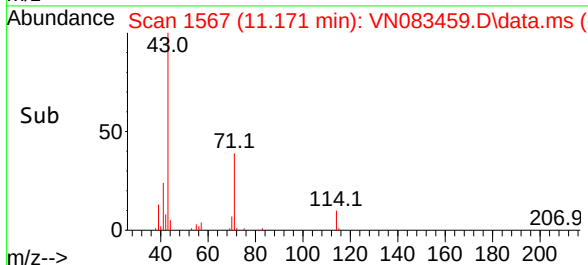
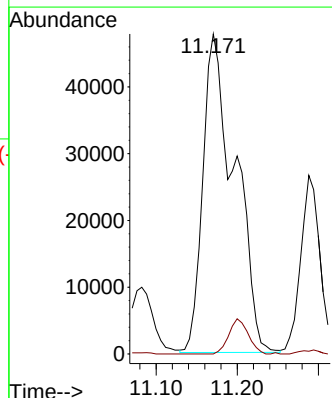
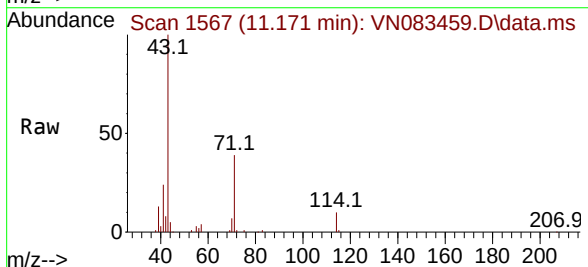
Acq: 23 Aug 2024 14:36

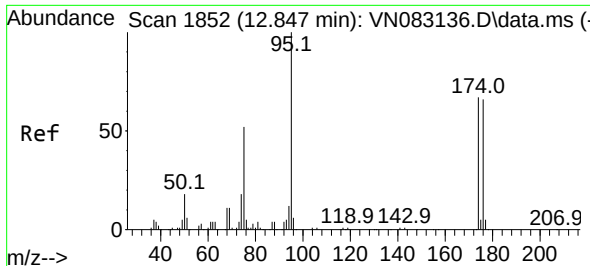
Tgt Ion: 43 Resp: 130401

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

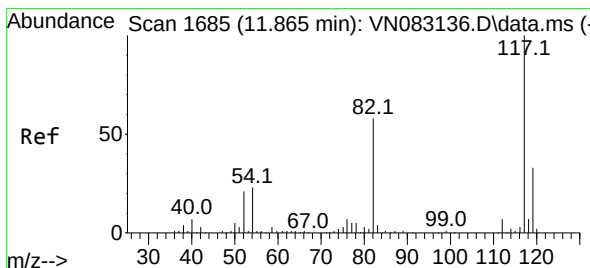
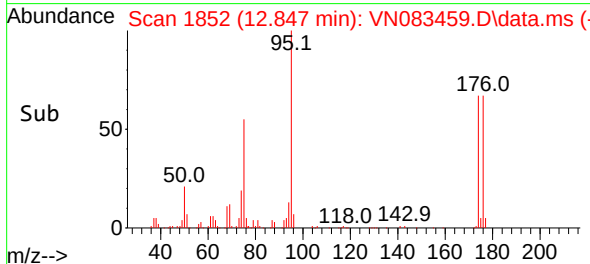
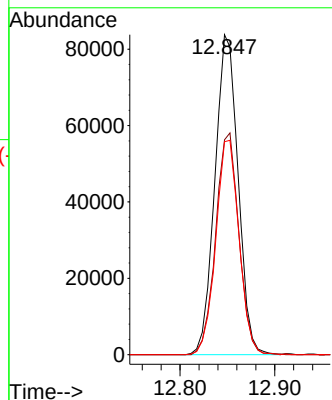
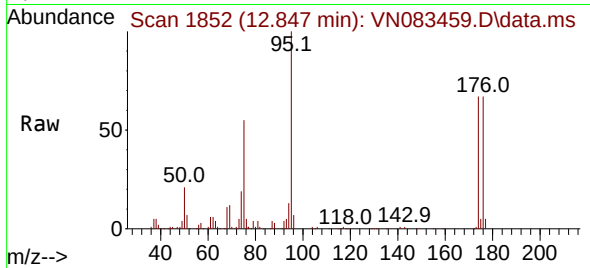




#62
4-Bromofluorobenzene
Concen: 57.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

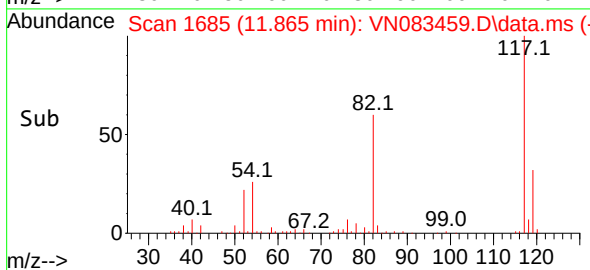
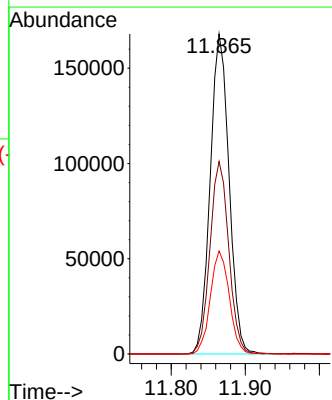
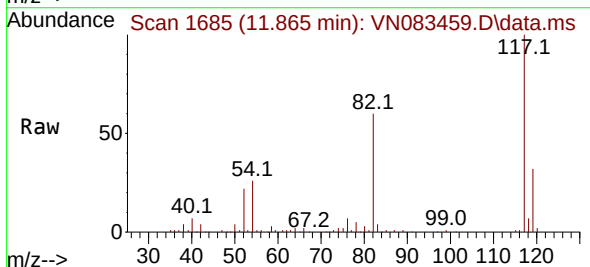
Instrument :
MSVOA_N
ClientSampleId :

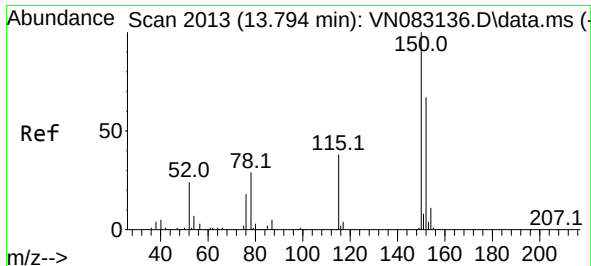
Tgt Ion: 95 Resp: 142883
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

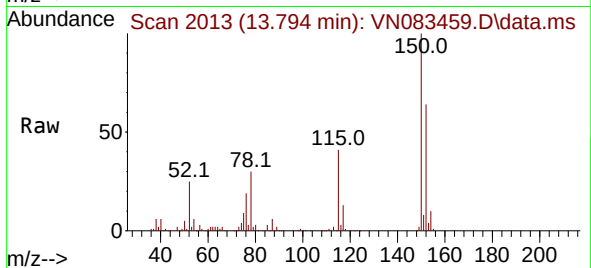
Tgt Ion: 117 Resp: 297008
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.2 25.6 38.4



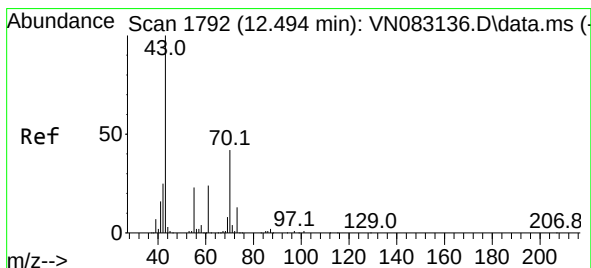
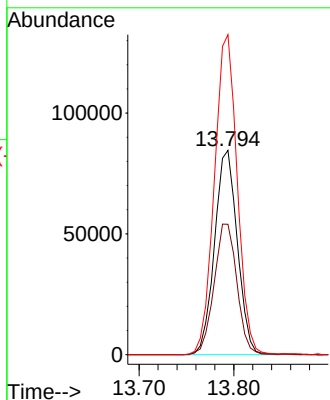
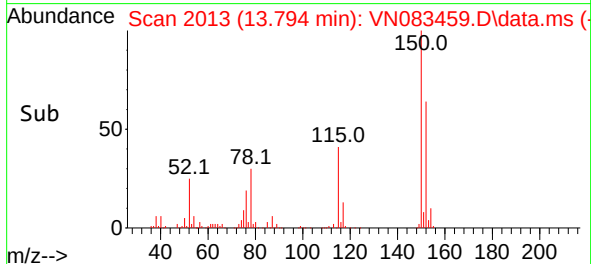


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

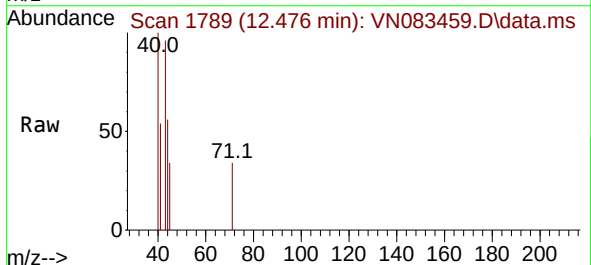
Instrument :
MSVOA_N
ClientSampleId :



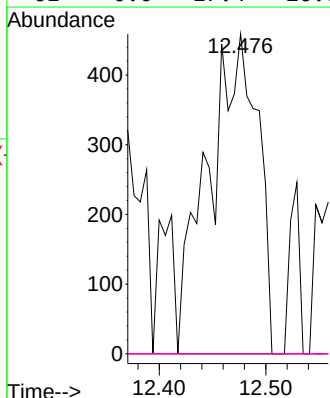
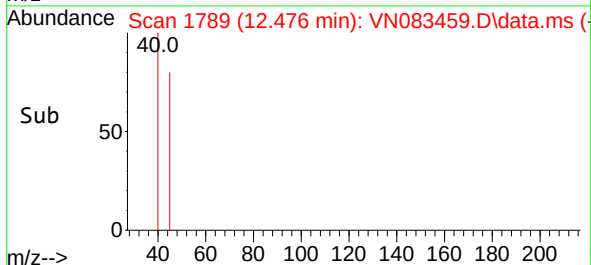
Tgt Ion:152 Resp: 141633
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.0 0.0 348.6

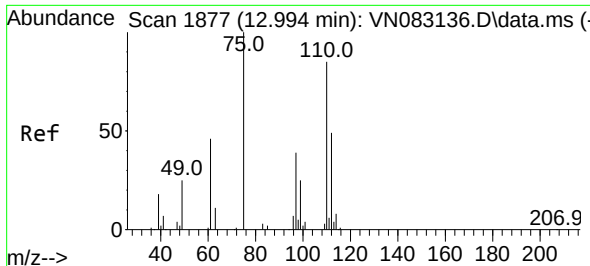


#74
N-ethyl acetate
Concen: 0.257 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36



Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#

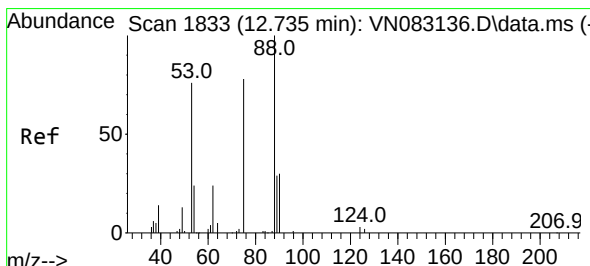
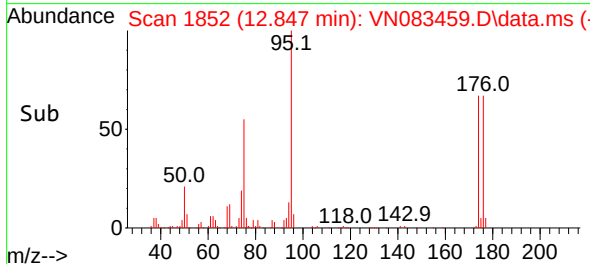
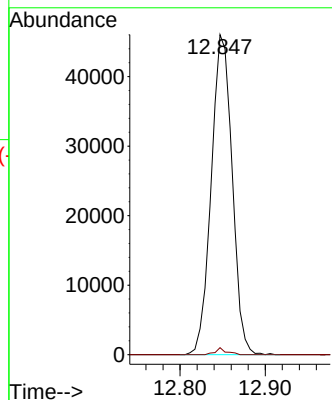
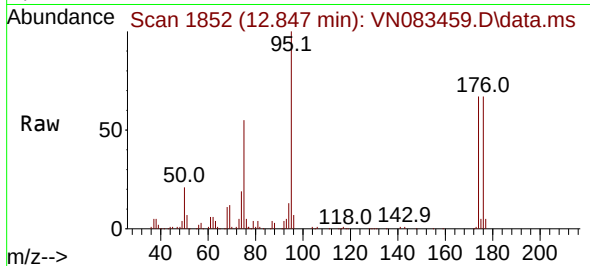




#76
1,2,3-Trichloropropane
Concen: 25.238 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 78451
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083459.D
Acq: 23 Aug 2024 14:36

Tgt Ion: 75 Resp: 78451
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

