

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083456.D
 Acq On : 23 Aug 2024 13:23
 Operator : JC\MD
 Sample : PB162920ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 23:59:58 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)

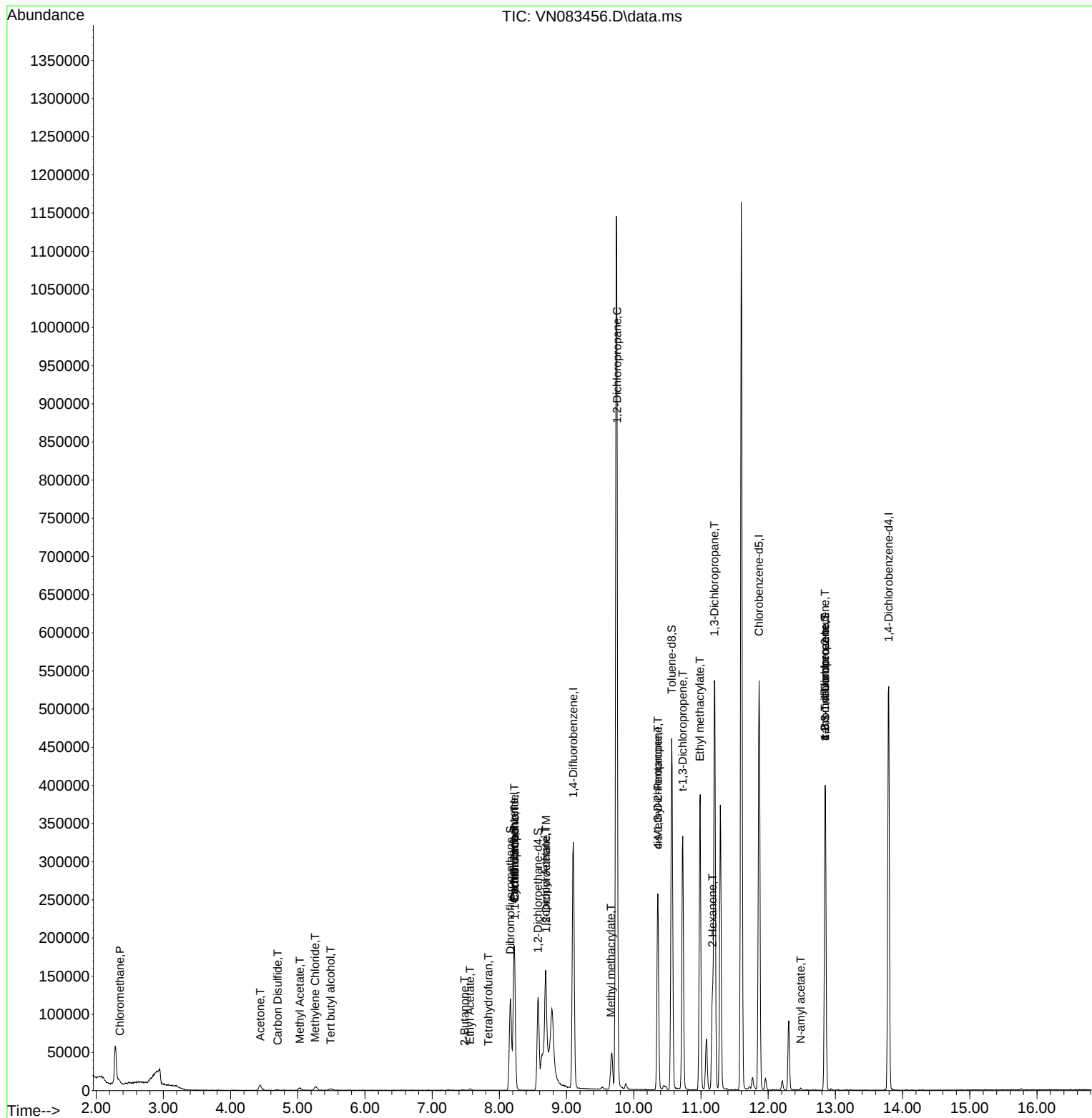
Internal Standards						
1) Pentafluorobenzene	8.218	168	131552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106284	56.761	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.520%	
35) Dibromofluoromethane	8.165	113	84598	49.808	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.620%	
50) Toluene-d8	10.565	98	312396	49.307	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.620%	
62) 4-Bromofluorobenzene	12.847	95	143179	57.966	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	115.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	684	0.448	ug/l #	43
11) Tert butyl alcohol	5.489	59	1279	3.287	ug/l #	71
16) Acetone	4.442	43	10743	14.662	ug/l #	82
17) Carbon Disulfide	4.700	76	1899	0.445	ug/l #	75
18) Methyl Acetate	5.030	43	6780	3.106	ug/l	98
20) Methylene Chloride	5.259	84	3383	2.006	ug/l #	68
25) 2-Butanone	7.483	43	236	0.210	ug/l #	53
29) Tetrahydrofuran	7.835	42	204	0.281	ug/l #	38
31) Cyclohexane	8.224	56	3384	1.219	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	12236	4.762	ug/l #	51
37) Ethyl Acetate	7.565	43	3247	1.129	ug/l #	89
38) Carbon Tetrachloride	8.224	117	14785	5.109	ug/l #	17
42) 1,2-Dichloroethane	8.694	62	765	0.274	ug/l #	78
43) Isopropyl Acetate	8.688	43	249160	49.934	ug/l #	80
45) 1,2-Dichloropropane	9.753	63	1283	0.706	ug/l #	44
48) Methyl methacrylate	9.659	41	3441	1.447	ug/l #	53
51) 4-Methyl-2-Pentanone	10.359	43	100425	36.916	ug/l #	51
53) t-1,3-Dichloropropene	10.729	75	863	0.288	ug/l	96
54) cis-1,3-Dichloropropene	10.359	75	45883	14.382	ug/l #	54
56) Ethyl methacrylate	10.982	69	1219	0.373	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5521	1.787	ug/l #	43
59) 2-Hexanone	11.171	43	107235	50.953	ug/l #	28
74) N-amyl acetate	12.482	43	1420	0.254	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	79661	26.575	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79661	57.808	ug/l #	6

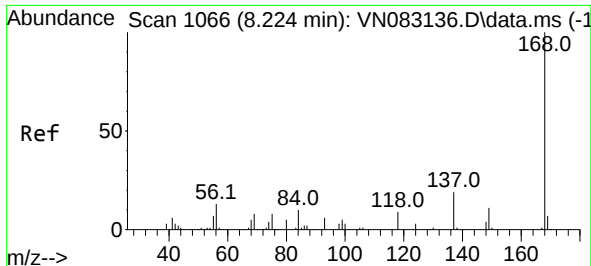
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083456.D
Acq On : 23 Aug 2024 13:23
Operator : JC\MD
Sample : PB162920ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

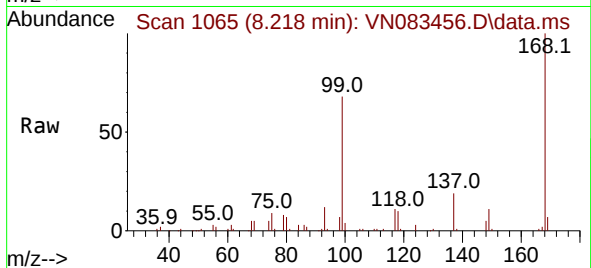
Quant Time: Aug 23 23:59:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



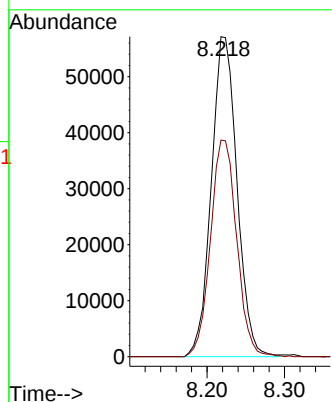
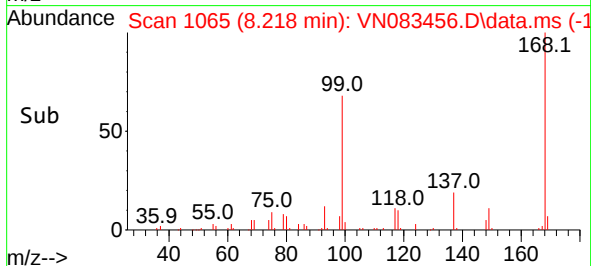


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

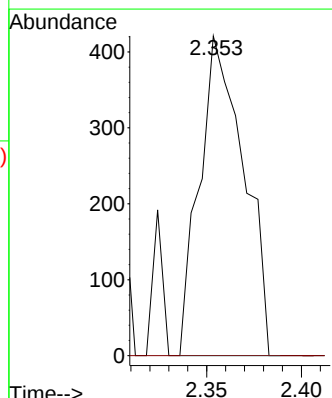
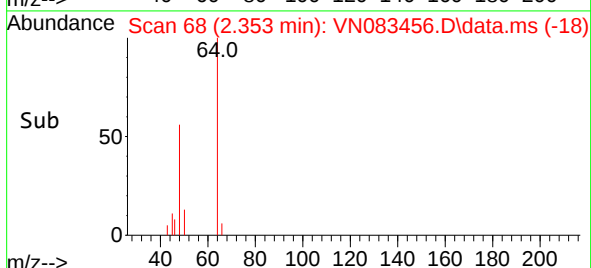
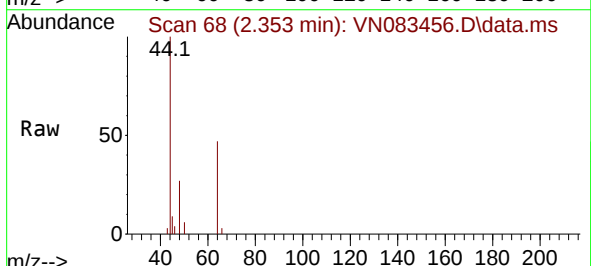


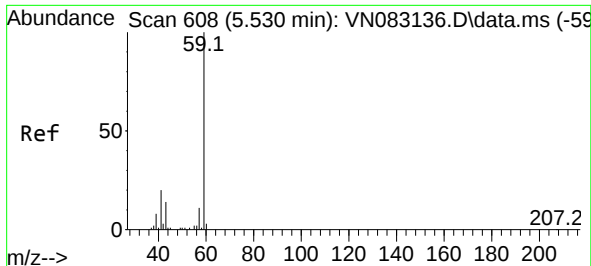
Tgt Ion:168 Resp: 131552
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#3
Chloromethane
Concen: 0.448 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

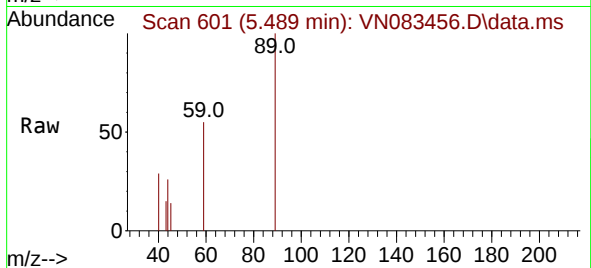
Tgt Ion: 50 Resp: 684
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



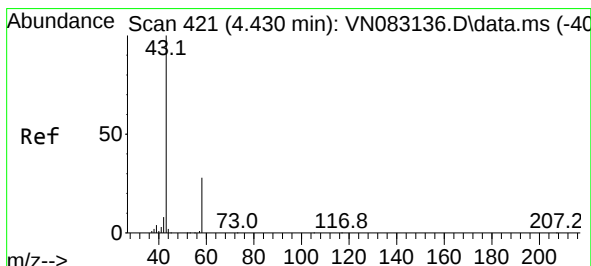
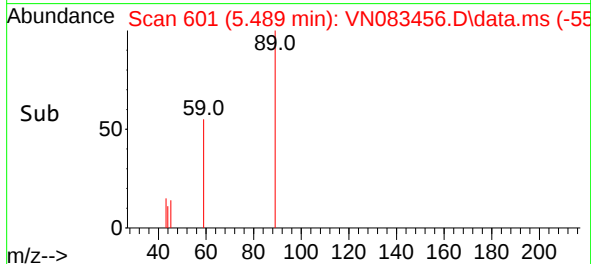
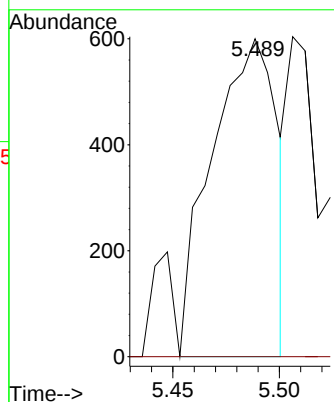


#11
Tert butyl alcohol
Concen: 3.287 ug/l
RT: 5.489 min Scan# 608
Delta R.T. -0.041 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

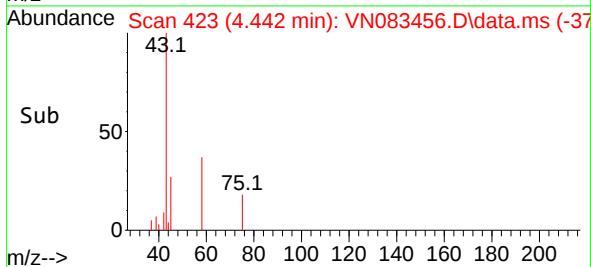
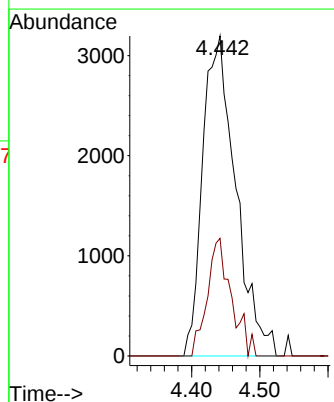
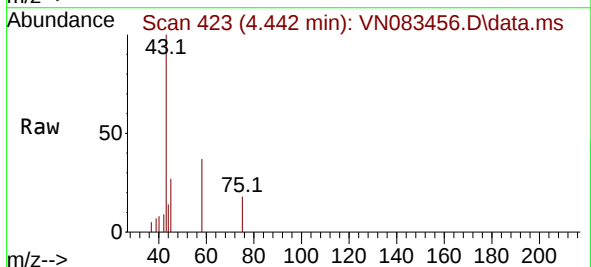


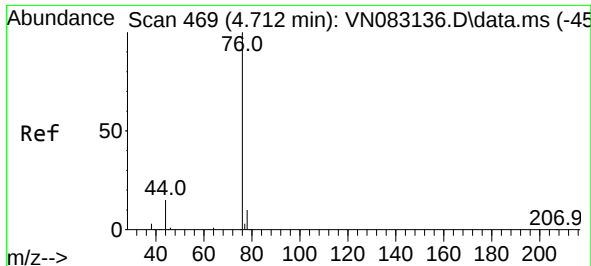
Tgt Ion: 59 Resp: 1279
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 14.662 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

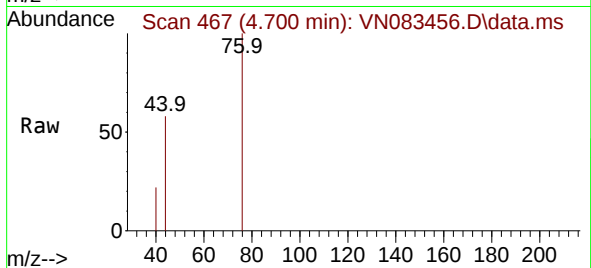
Tgt Ion: 43 Resp: 10743
Ion Ratio Lower Upper
43 100
58 36.7 21.8 32.6#



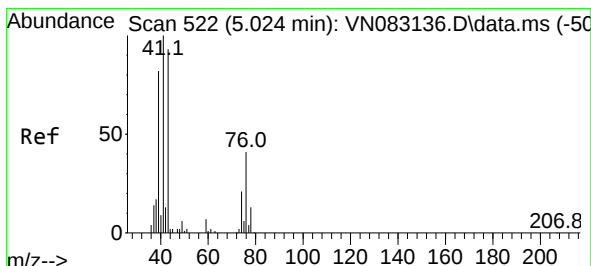
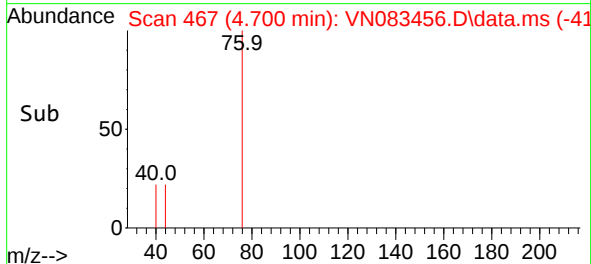
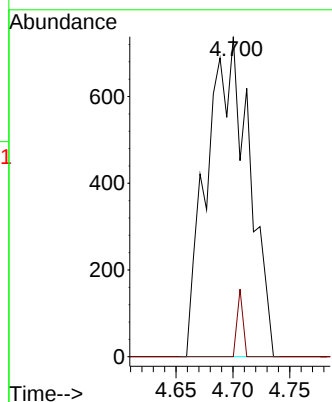


#17
Carbon Disulfide
Concen: 0.445 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

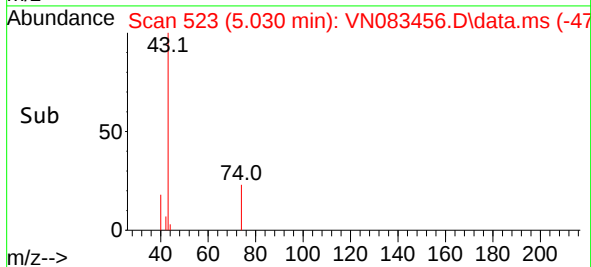
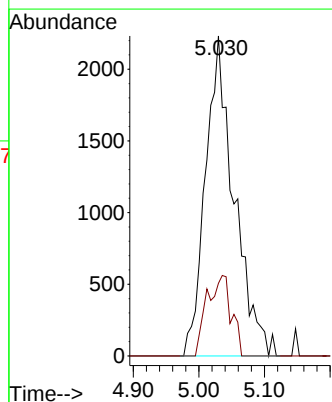
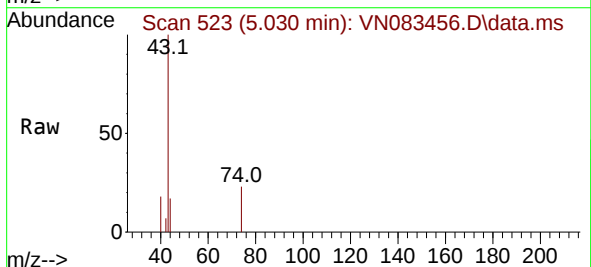


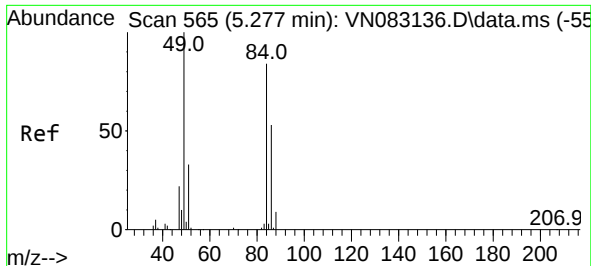
Tgt Ion: 76 Resp: 1899
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.106 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Tgt Ion: 43 Resp: 6780
Ion Ratio Lower Upper
43 100
74 21.3 16.3 24.5





#20

Methylene Chloride

Concen: 2.006 ug/l

RT: 5.259 min Scan# 5

Delta R.T. -0.018 min

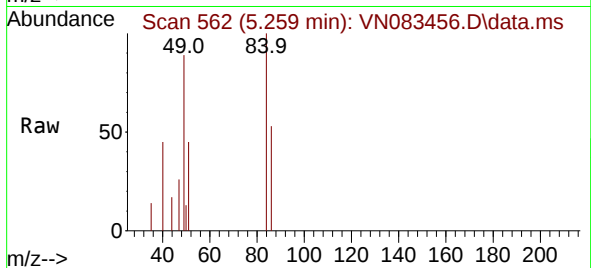
Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 3383

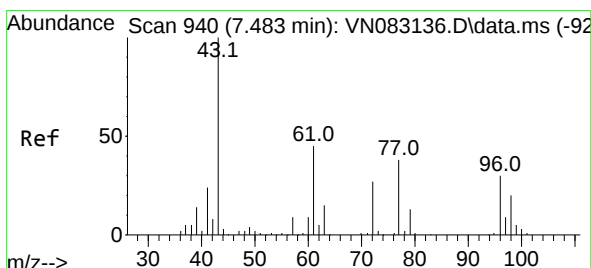
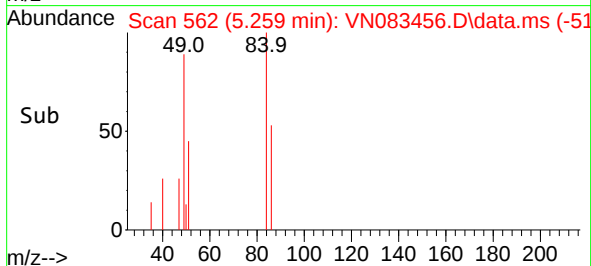
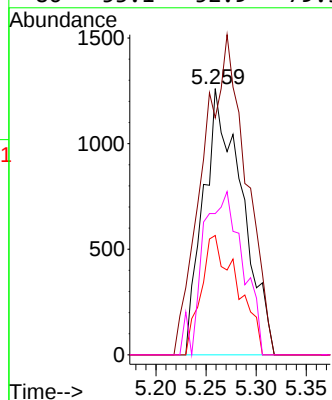
Ion Ratio Lower Upper

84 100

49 89.0 119.6 179.4#

51 44.8 34.8 52.2

86 53.1 52.9 79.3



#25

2-Butanone

Concen: 0.210 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083456.D

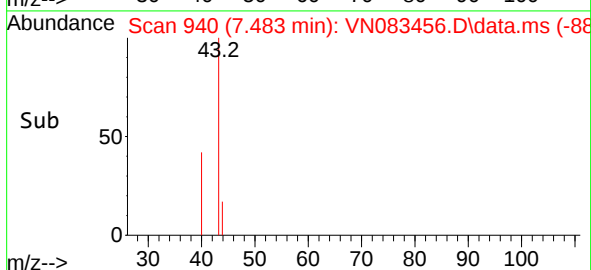
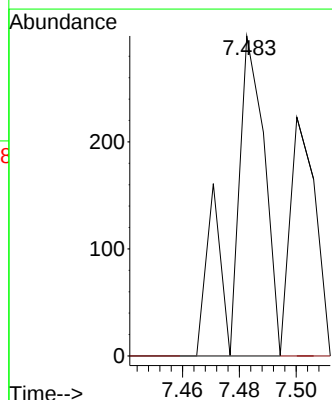
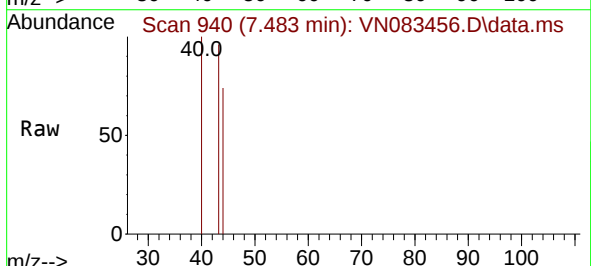
Acq: 23 Aug 2024 13:23

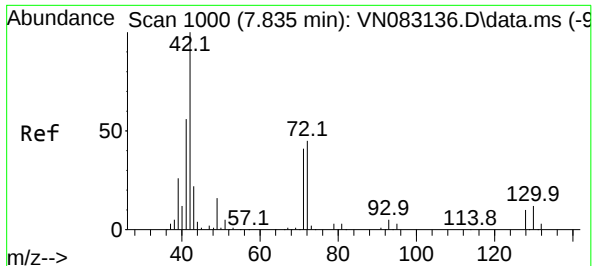
Tgt Ion: 43 Resp: 236

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 7.835 min Scan# 1066

Delta R.T. 0.000 min

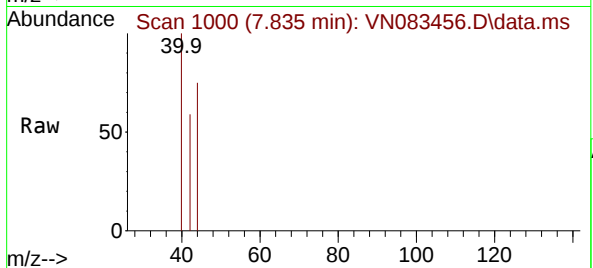
Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

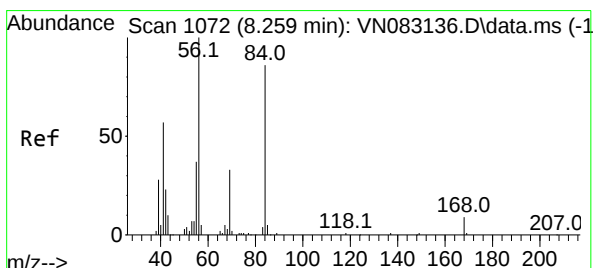
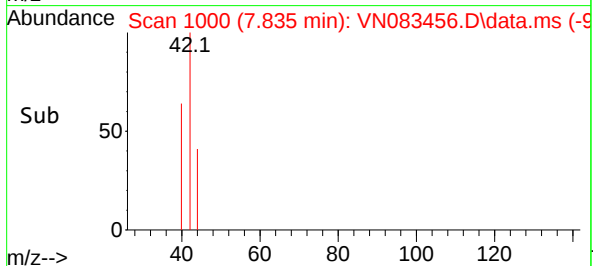
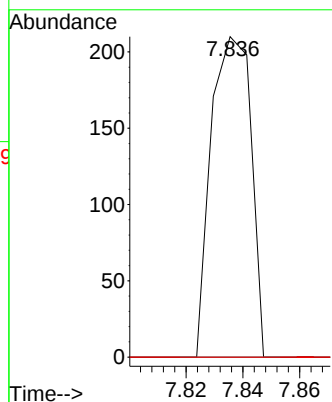
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	204
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.219 ug/l

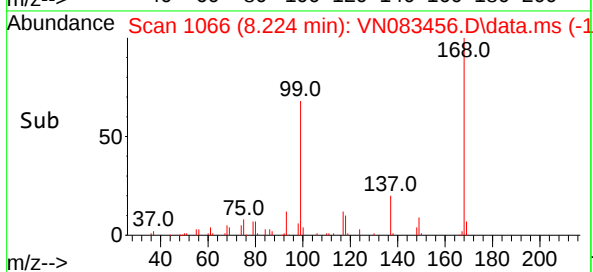
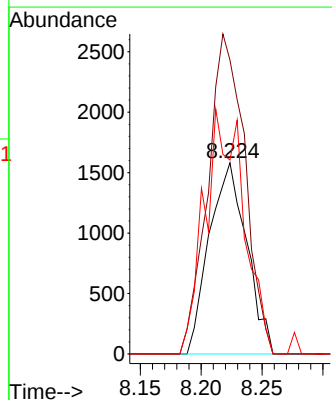
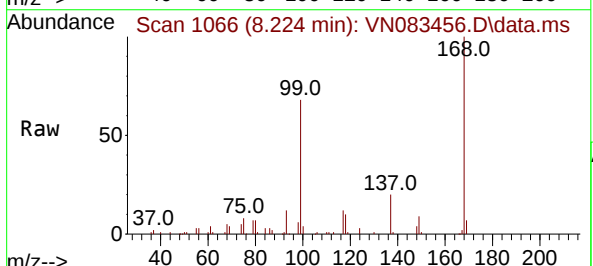
RT: 8.224 min Scan# 1066

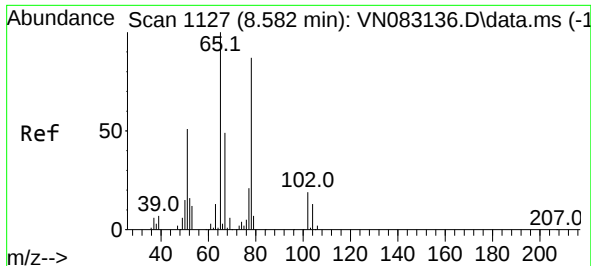
Delta R.T. -0.035 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

Tgt Ion:	56	Resp:	3384
Ion	Ratio	Lower	Upper
56	100		
69	153.7	24.5	36.7#
84	101.4	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.761 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

Instrument :

MSVOA_N

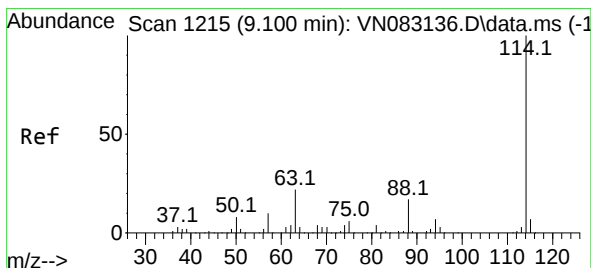
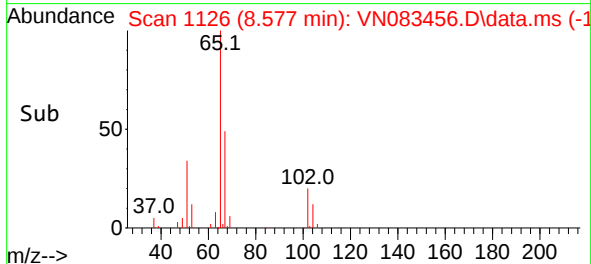
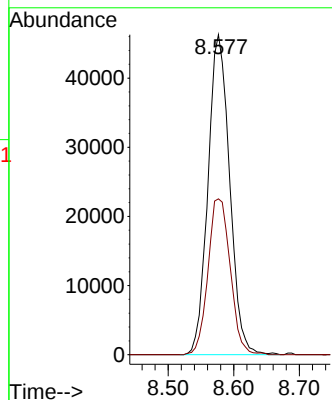
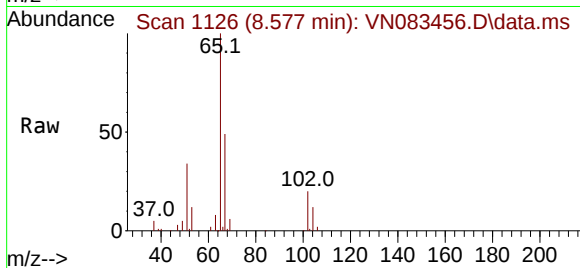
ClientSampleId :

Tgt Ion: 65 Resp: 106284

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

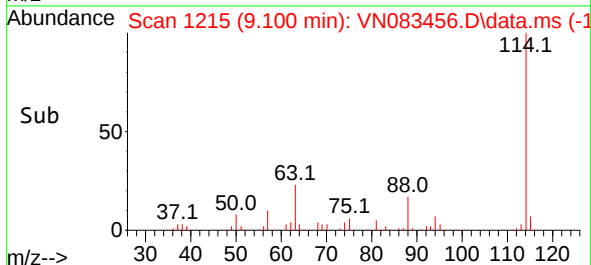
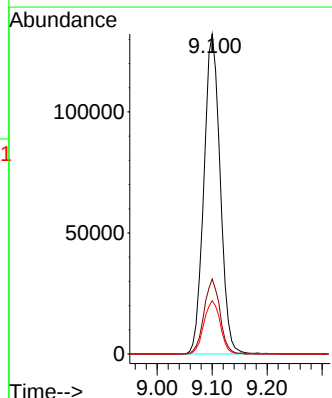
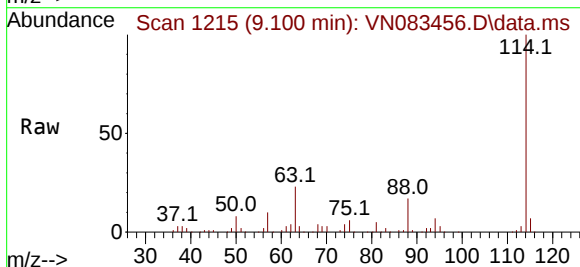
Tgt Ion: 114 Resp: 272114

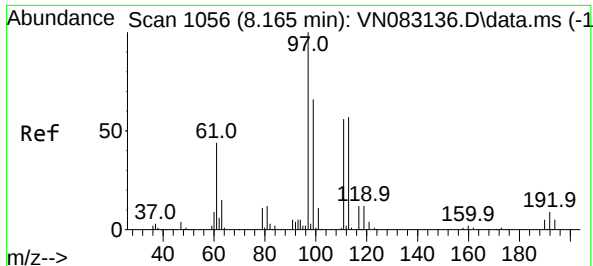
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

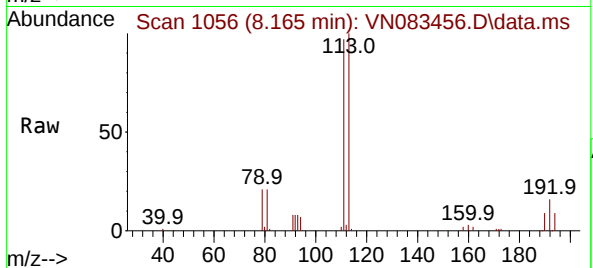
88 16.6 0.0 31.4



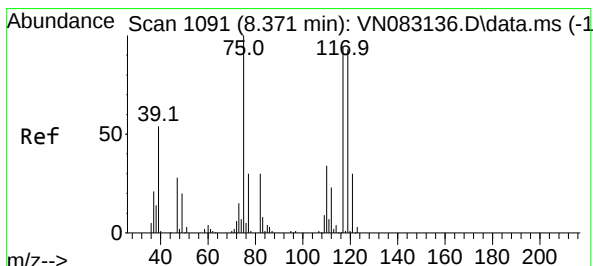
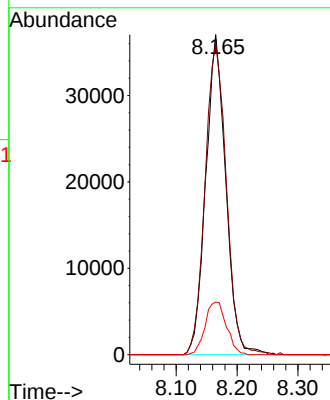
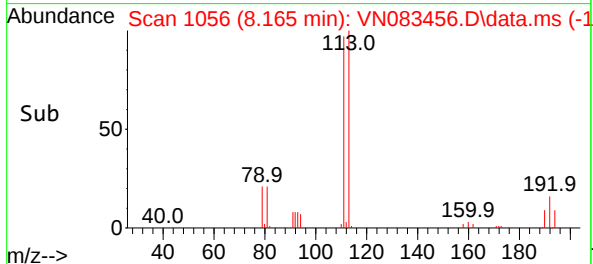


#35
Dibromofluoromethane
Concen: 49.808 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

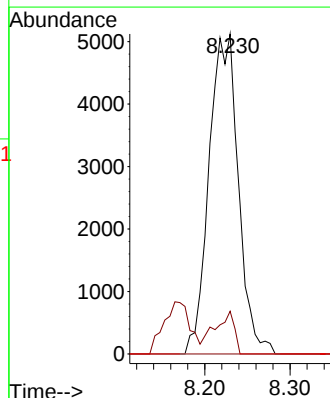
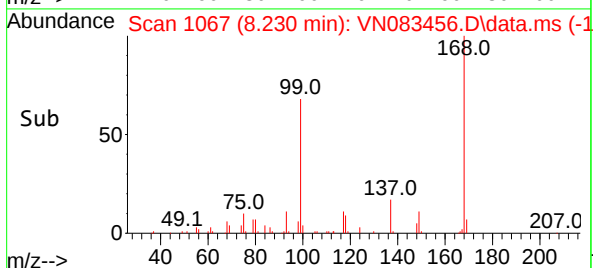
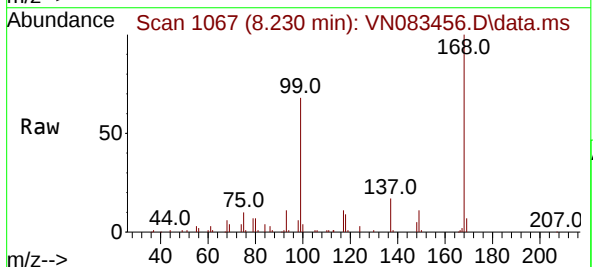


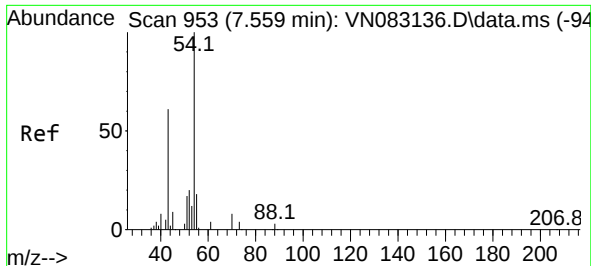
Tgt Ion:113 Resp: 84598
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

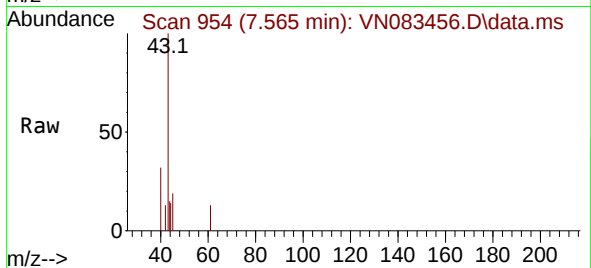
Tgt Ion: 75 Resp: 12236
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.6 37.0#



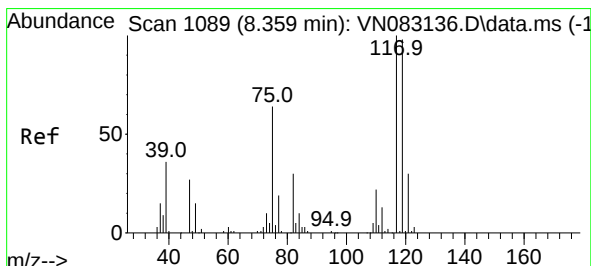
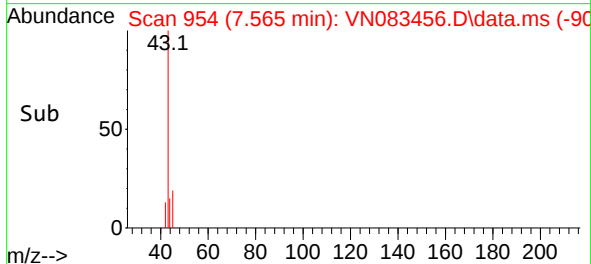
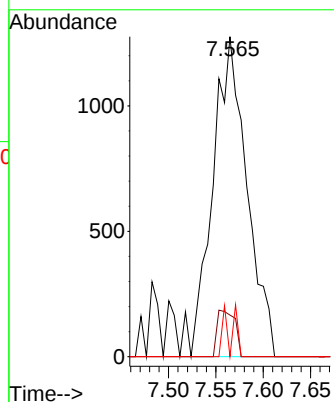


#37
Ethyl Acetate
Concen: 1.129 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

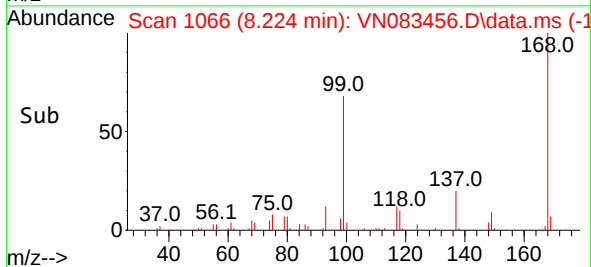
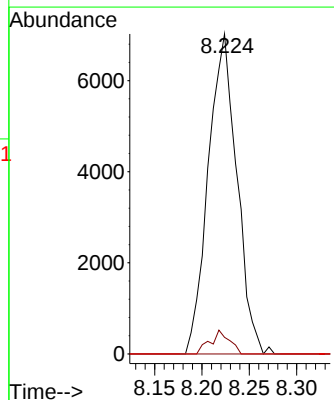
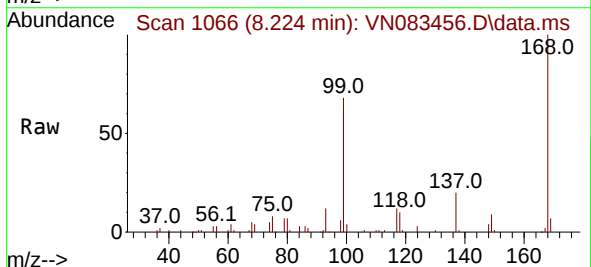


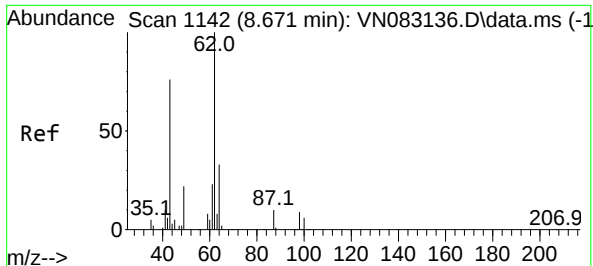
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
61 7.5 9.3 13.9#
70 4.5 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.109 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Tgt Ion: 117 Resp: 14785
Ion Ratio Lower Upper
117 100
119 5.2 74.9 112.3#
121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.274 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.024 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

Instrument :

MSVOA_N

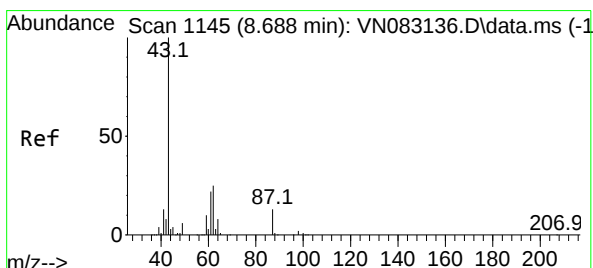
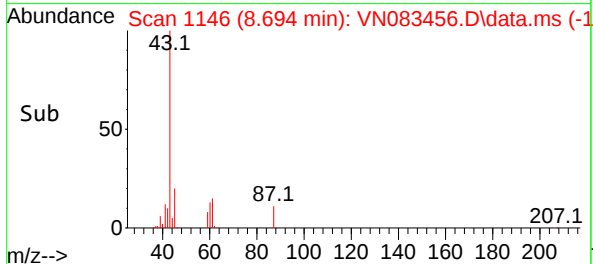
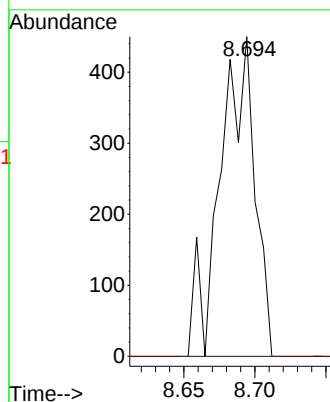
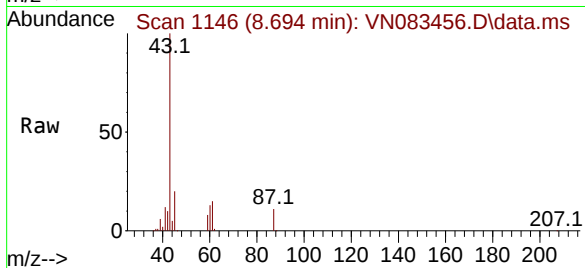
ClientSampleId :

Tgt Ion: 62 Resp: 765

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 49.934 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

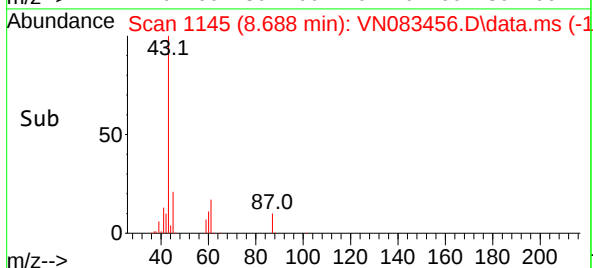
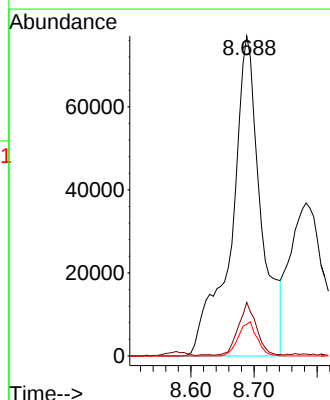
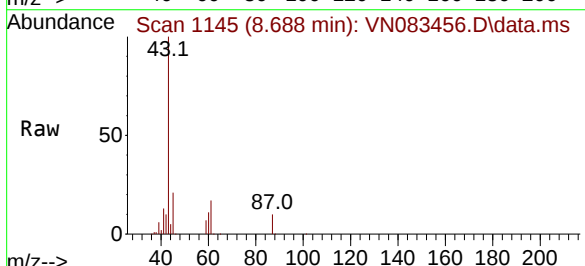
Tgt Ion: 43 Resp: 249160

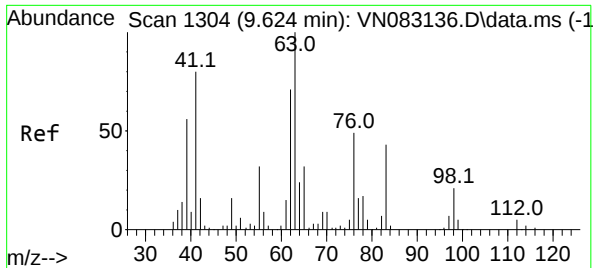
Ion Ratio Lower Upper

43 100

61 10.2 17.8 26.6#

87 6.8 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.706 ug/l

RT: 9.753 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

Instrument :

MSVOA_N

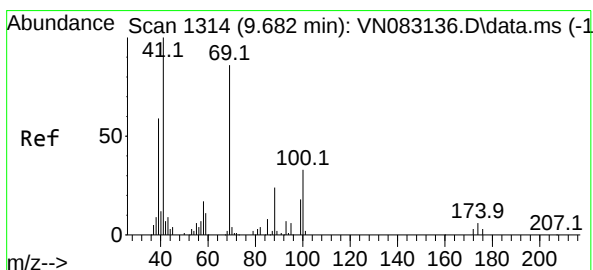
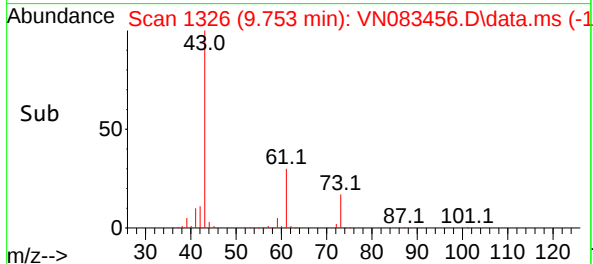
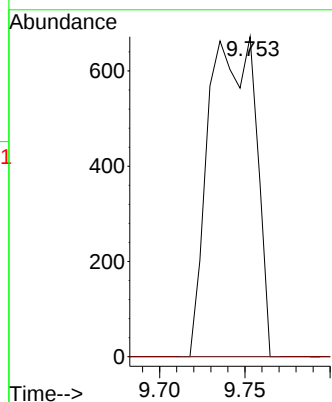
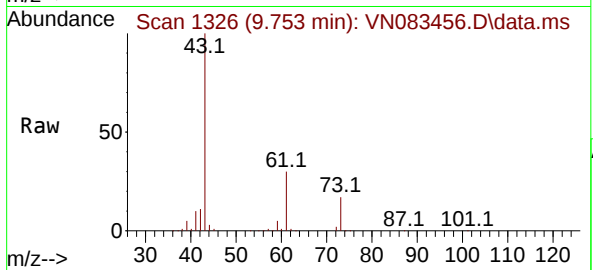
ClientSampleId :

Tgt Ion: 63 Resp: 1283

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.447 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.024 min

Lab File: VN083456.D

Acq: 23 Aug 2024 13:23

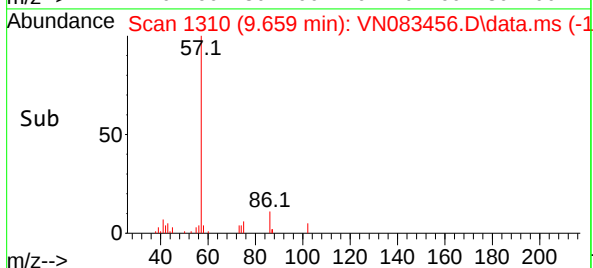
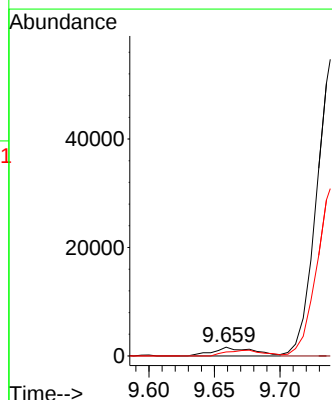
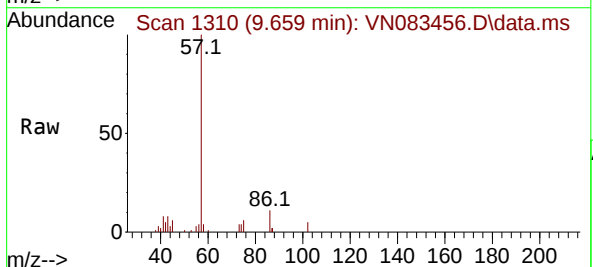
Tgt Ion: 41 Resp: 3441

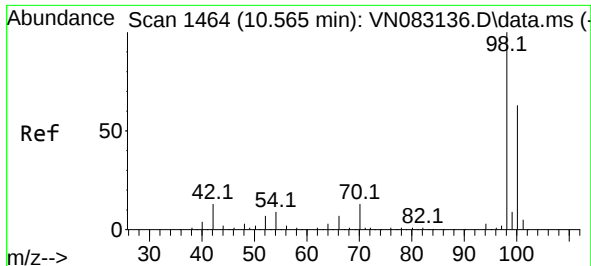
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 60.2 50.3 75.5

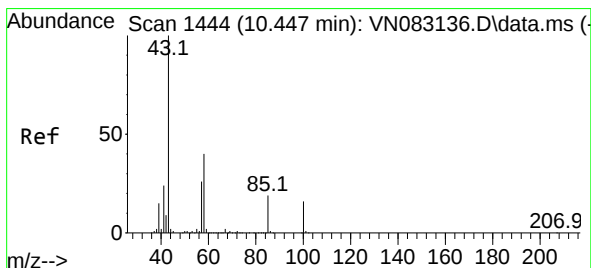
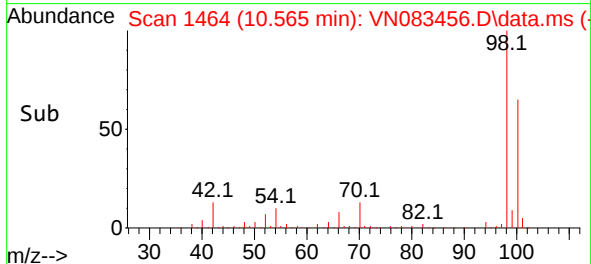
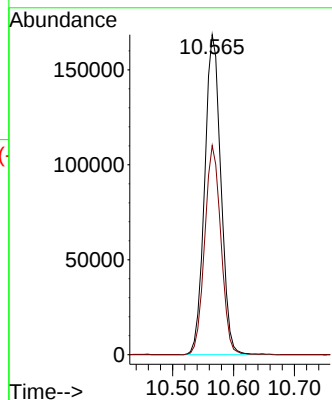
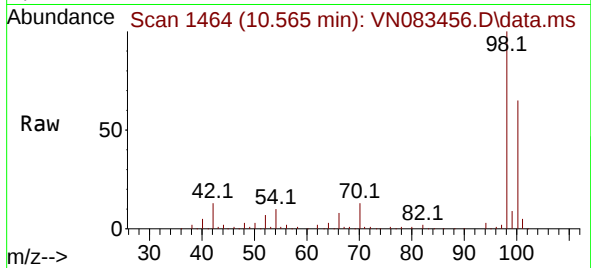




#50
Toluene-d8
Concen: 49.307 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

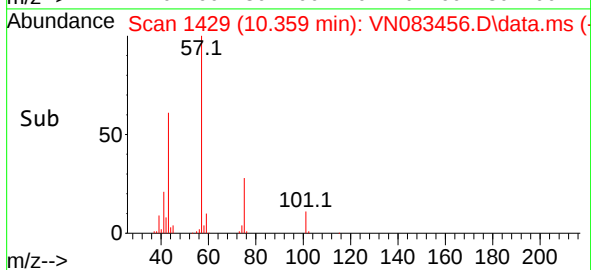
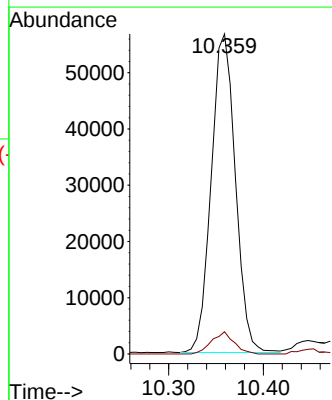
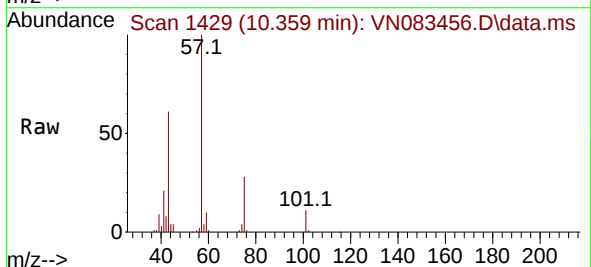
Instrument :
MSVOA_N
ClientSampleId :

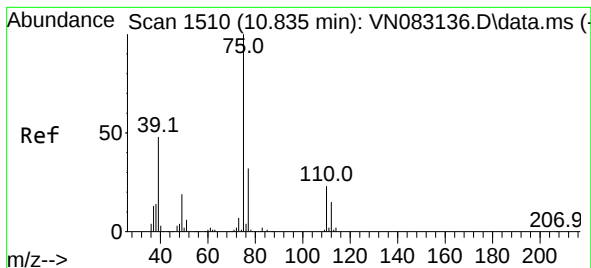
Tgt Ion: 98 Resp: 312396
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 36.916 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

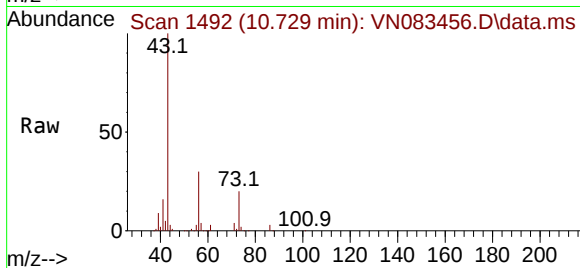
Tgt Ion: 43 Resp: 100425
Ion Ratio Lower Upper
43 100
58 6.5 28.2 42.4#



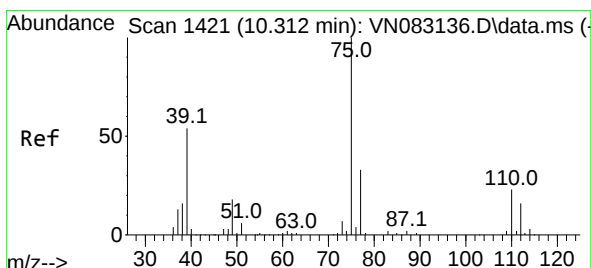
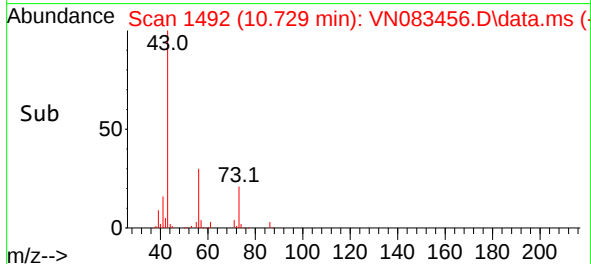
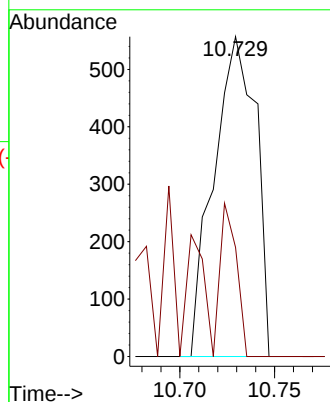


#53
 t-1,3-Dichloropropene
 Concen: 0.288 ug/l
 RT: 10.729 min Scan# 1492
 Delta R.T. -0.106 min
 Lab File: VN083456.D
 Acq: 23 Aug 2024 13:23

Instrument :
 MSVOA_N
 ClientSampleId :

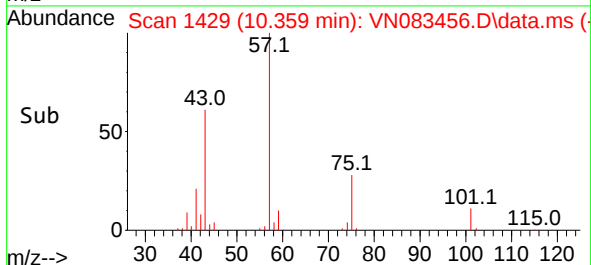
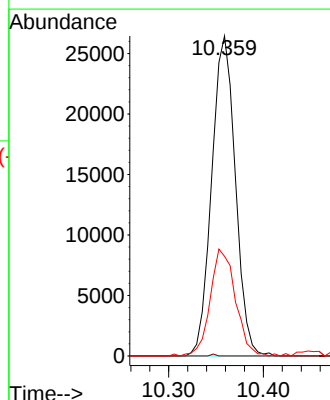
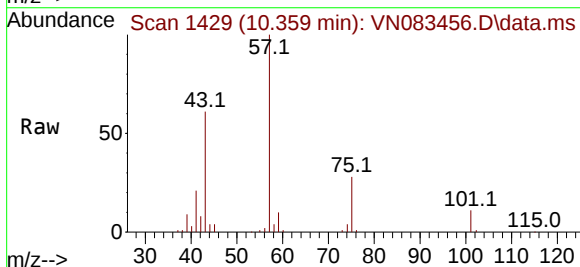


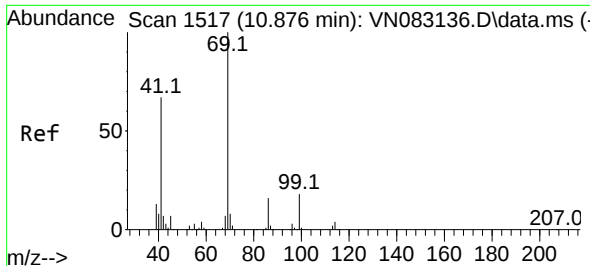
Tgt Ion: 75 Resp: 863
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 14.382 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083456.D
 Acq: 23 Aug 2024 13:23

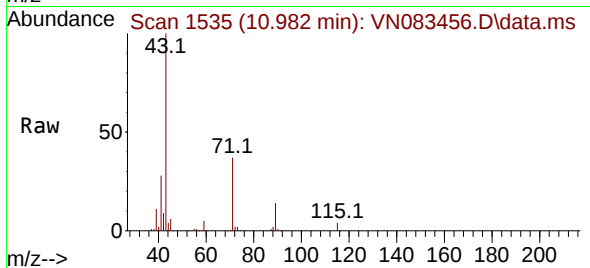
Tgt Ion: 75 Resp: 45883
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 31.2 50.5 75.7#



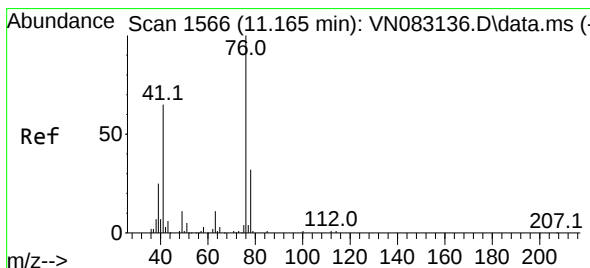
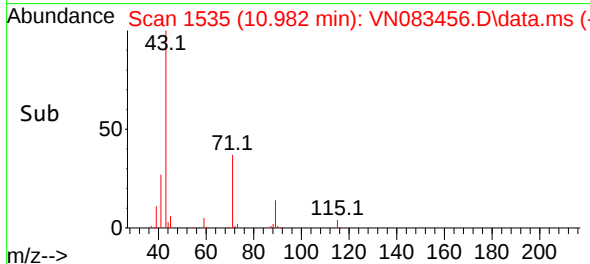
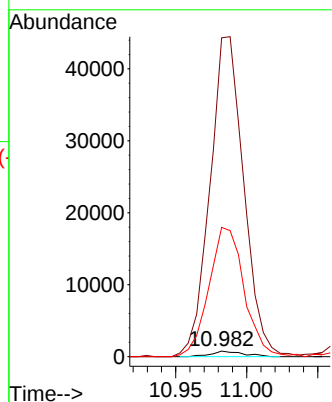


#56
Ethyl methacrylate
Concen: 0.373 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

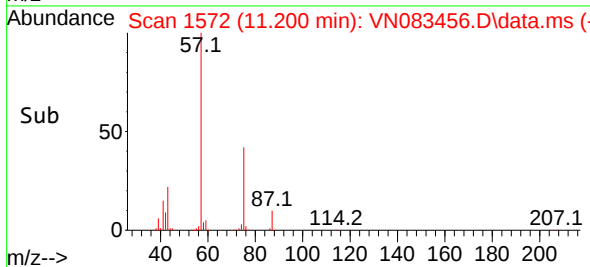
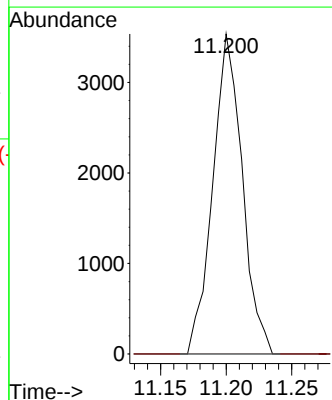
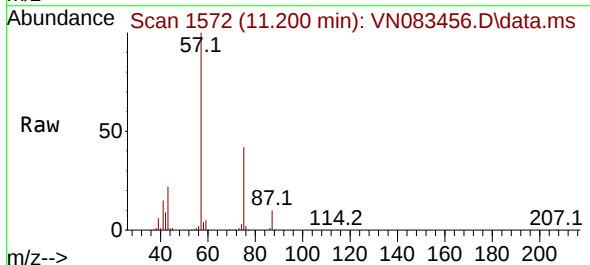


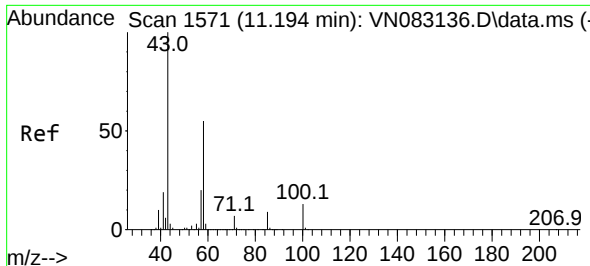
Tgt Ion: 69 Resp: 1219
Ion Ratio Lower Upper
69 100
41 6050.0 63.4 95.2#
39 2546.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.787 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Tgt Ion: 76 Resp: 5521
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

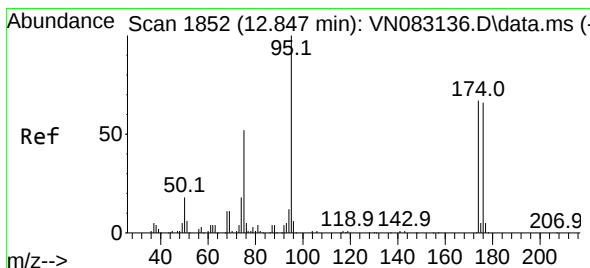
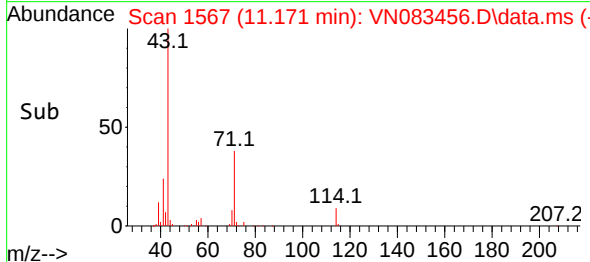
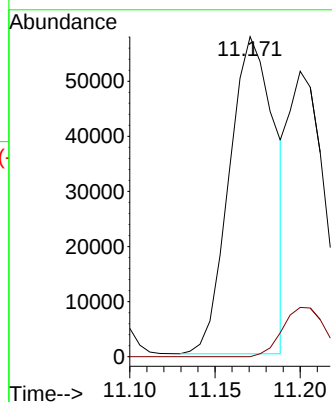
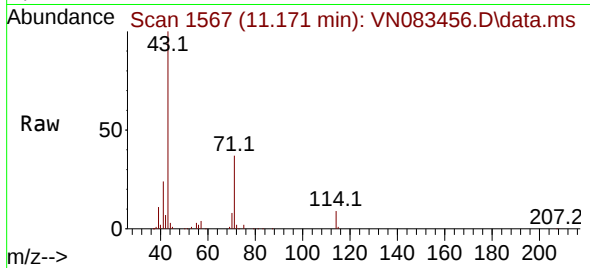




#59
2-Hexanone
Concen: 50.953 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

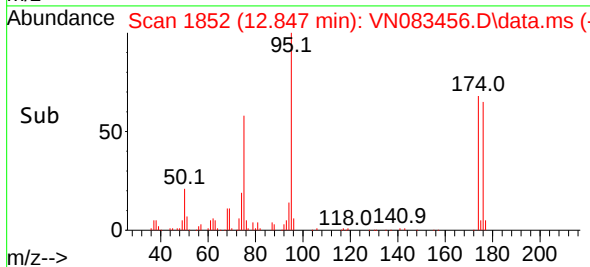
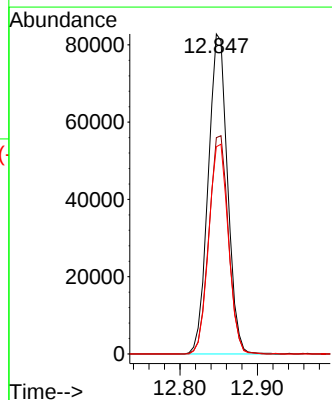
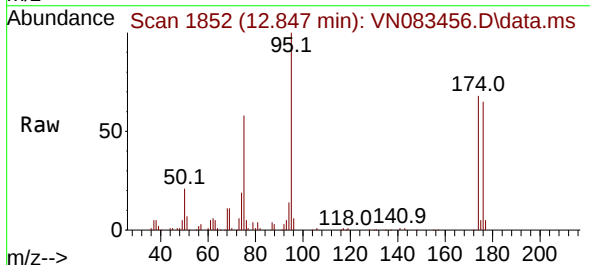
Instrument :
MSVOA_N
ClientSampleId :

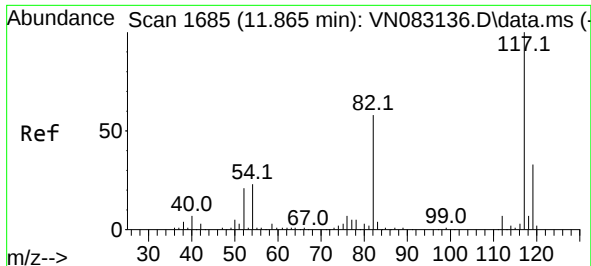
Tgt Ion: 43 Resp: 107235
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 57.966 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Tgt Ion: 95 Resp: 143179
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.4 0.0 147.6

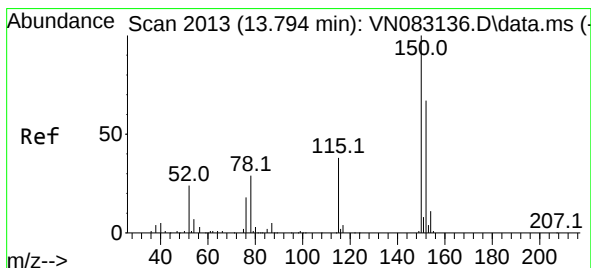
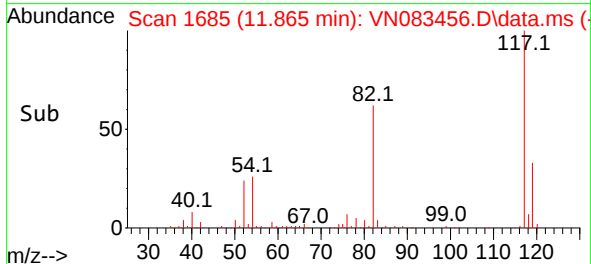
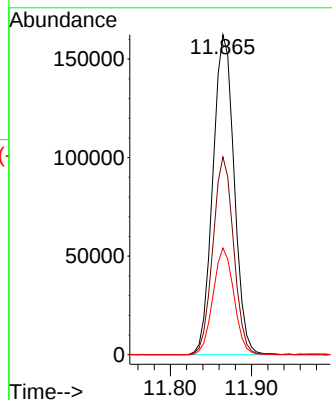
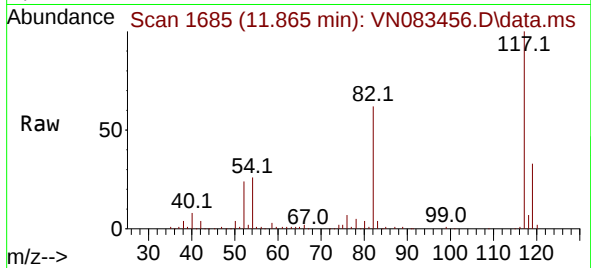




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

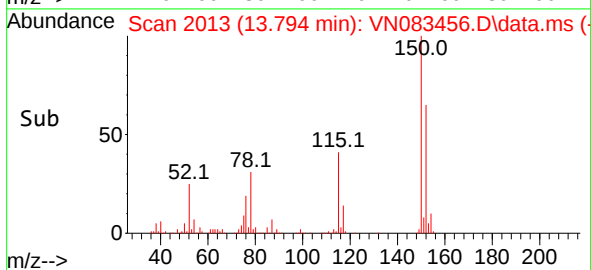
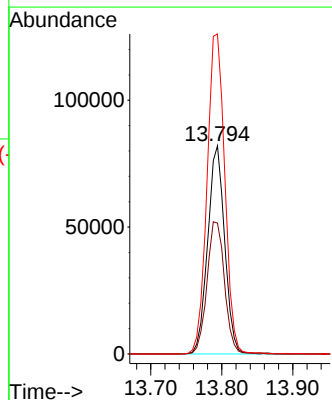
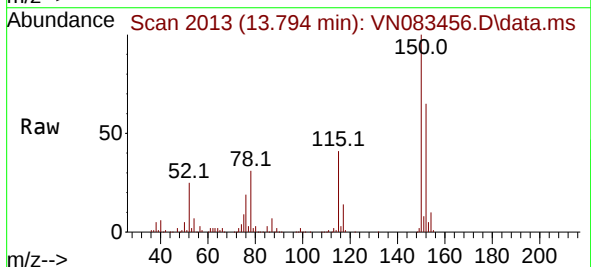
Instrument :
MSVOA_N
ClientSampleId :

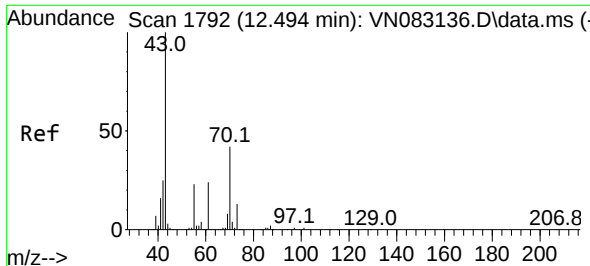
Tgt Ion:117 Resp: 295977
Ion Ratio Lower Upper
117 100
82 61.8 47.5 71.3
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

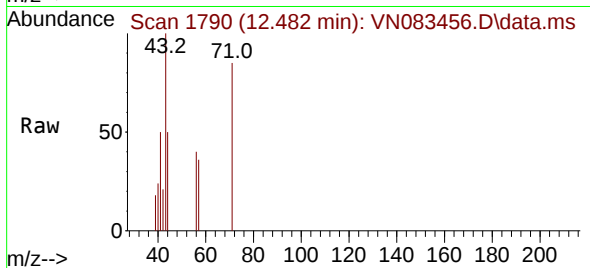
Tgt Ion:152 Resp: 136578
Ion Ratio Lower Upper
152 100
115 65.5 30.6 91.6
150 160.4 0.0 348.6



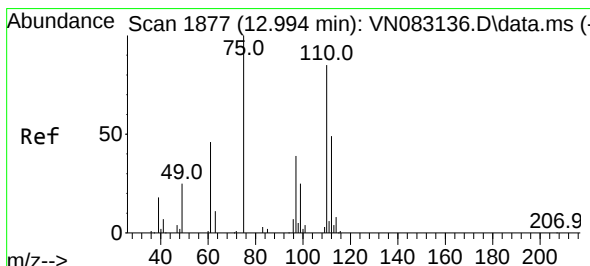
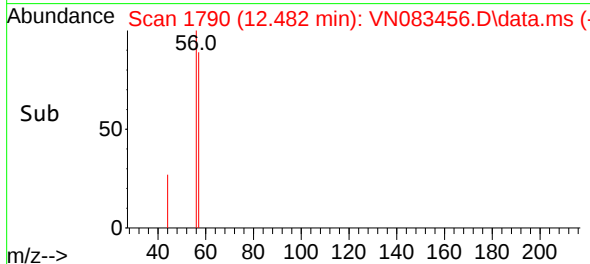
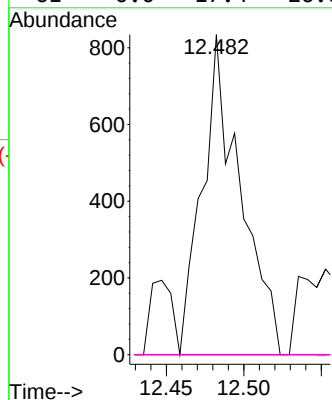


#74
N-amy1 acetate
Concen: 0.254 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

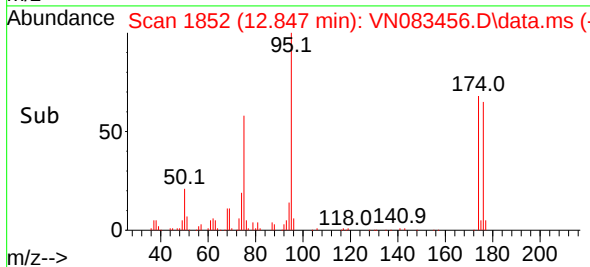
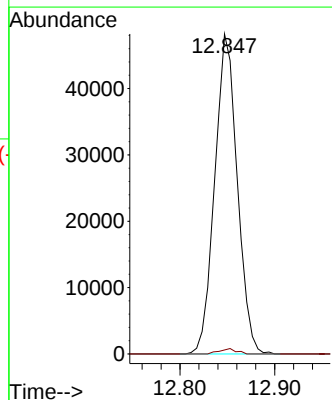
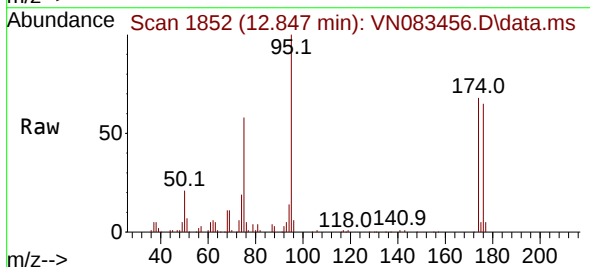


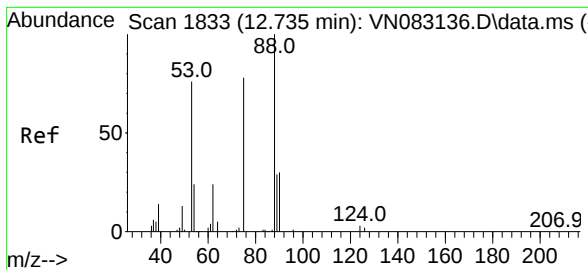
Tgt Ion: 43	Resp: 1420
Ion Ratio	Lower Upper
43	100
70	0.0 29.8 44.6#
55	0.0 18.7 28.1#
61	0.0 17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 26.575 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083456.D
Acq: 23 Aug 2024 13:23

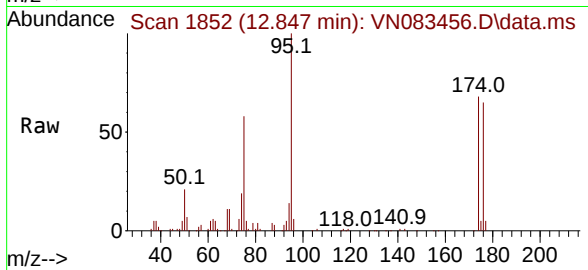
Tgt Ion: 75	Resp: 79661
Ion Ratio	Lower Upper
75	100
77	1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.808 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083456.D
 Acq: 23 Aug 2024 13:23

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#

