

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083781.D
 Acq On : 11 Sep 2024 08:50
 Operator : JC\MD
 Sample : PB163204ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#11

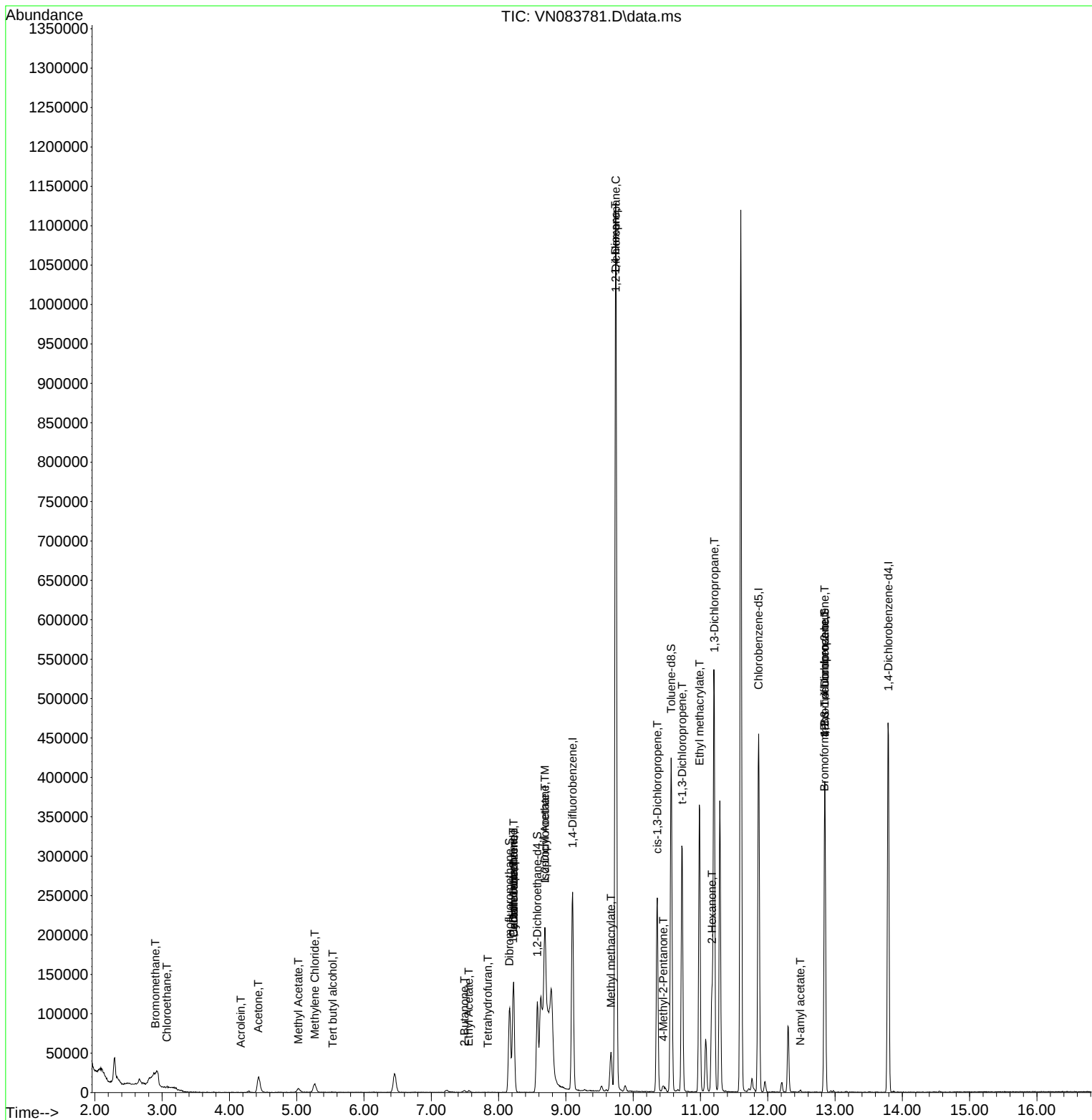
Quant Time: Sep 11 09:17:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

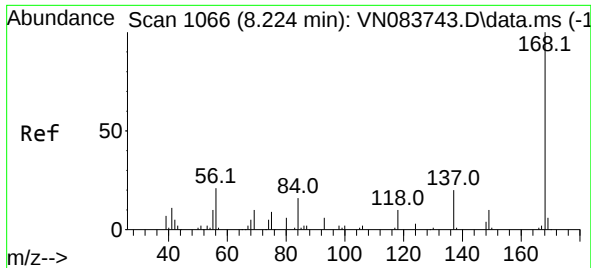
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	92087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96719	69.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 139.320%#	
35) Dibromofluoromethane	8.159	113	76439	57.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.840%	
50) Toluene-d8	10.565	98	278877	61.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 122.260%#	
62) 4-Bromofluorobenzene	12.847	95	135127	71.792	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 143.580%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	502	Below Cal	#	41
5) Bromomethane	2.901	94	199	0.296	ug/l #	79
6) Chloroethane	3.071	64	603	0.741	ug/l #	45
11) Tert butyl alcohol	5.536	59	218	1.172	ug/l #	71
13) Acrolein	4.171	56	56	0.305	ug/l #	13
16) Acetone	4.430	43	36477	65.532	ug/l	94
18) Methyl Acetate	5.024	43	9734	6.789	ug/l	94
20) Methylene Chloride	5.271	84	7726	6.783	ug/l #	82
25) 2-Butanone	7.494	43	4393	6.005	ug/l	99
29) Tetrahydrofuran	7.841	42	127	0.294	ug/l #	32
31) Cyclohexane	8.224	56	2387	1.189	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	8891	4.476	ug/l #	50
37) Ethyl Acetate	7.559	43	3158	1.752	ug/l #	81
38) Carbon Tetrachloride	8.224	117	10604	4.706	ug/l #	12
42) 1,2-Dichloroethane	8.688	62	1446	0.647	ug/l #	77
43) Isopropyl Acetate	8.688	43	179097	54.817	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	1251	0.866	ug/l #	42
48) Methyl methacrylate	9.671	41	3697	2.385	ug/l #	44
49) 1,4-Dioxane	9.735	88	54	2.118	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	9135	5.136	ug/l #	69
53) t-1,3-Dichloropropene	10.729	75	635	0.286	ug/l #	42
54) cis-1,3-Dichloropropene	10.359	75	43361	18.593	ug/l #	65
56) Ethyl methacrylate	10.988	69	1218	0.580	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5264	2.244	ug/l #	42
59) 2-Hexanone	11.171	43	108822	82.718	ug/l #	24
71) Bromoform	12.841	173	466	0.364	ug/l #	1
74) N-amyl acetate	12.482	43	1009	0.256	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	75343	31.292	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75343	81.955	ug/l #	9

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

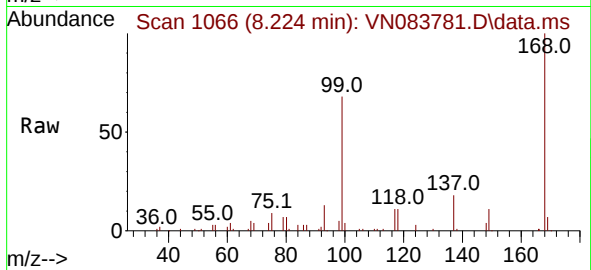
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration



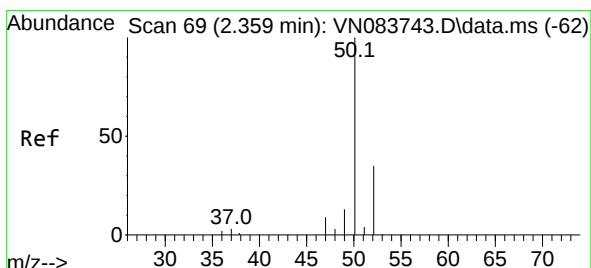
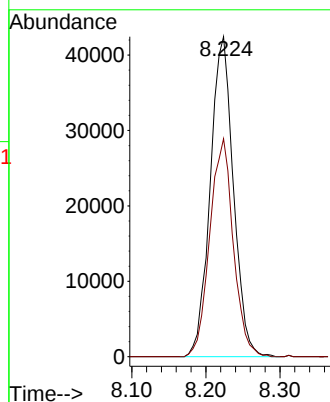
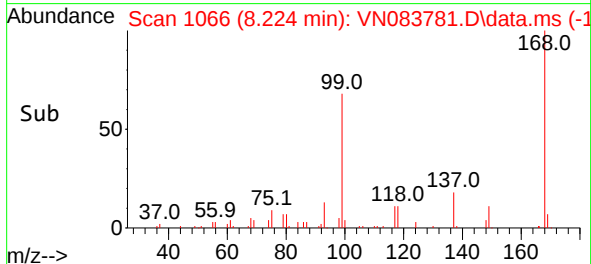


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

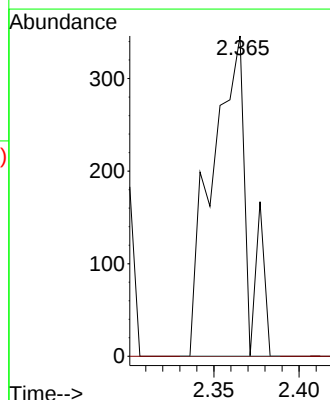
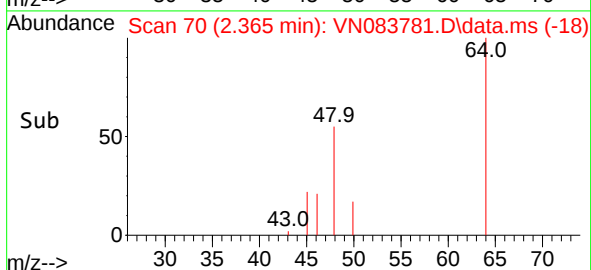
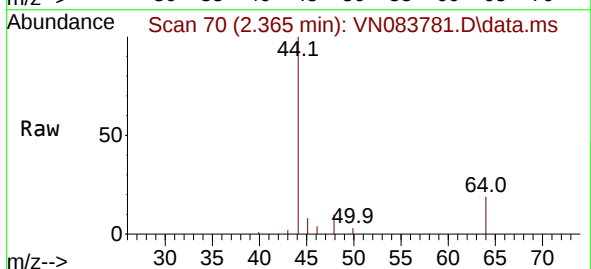


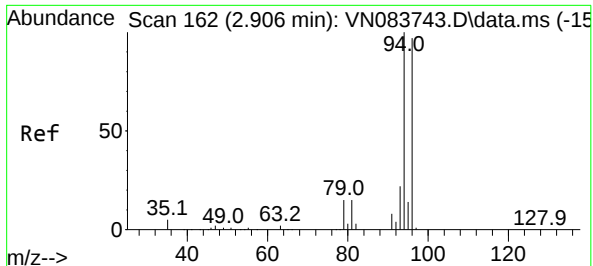
Tgt Ion:168 Resp: 92087
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

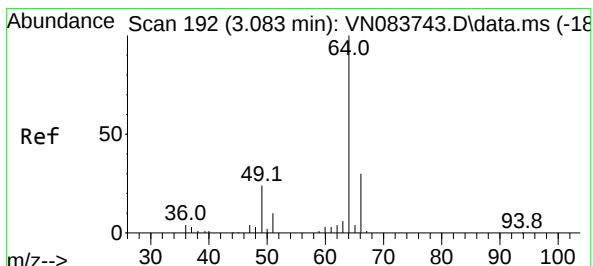
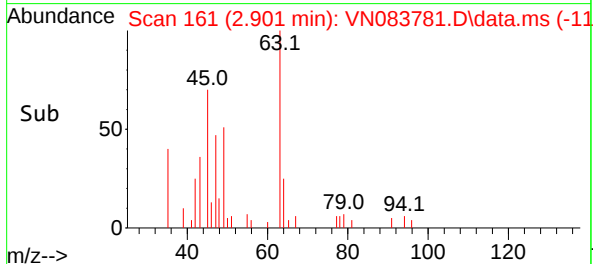
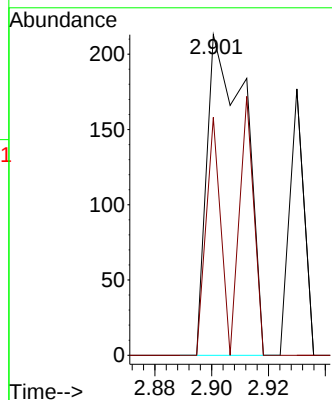
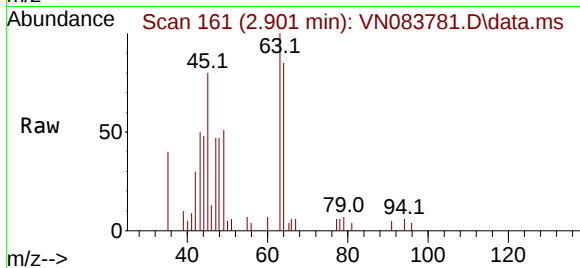




#5
Bromomethane
Concen: 0.296 ug/l
RT: 2.901 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

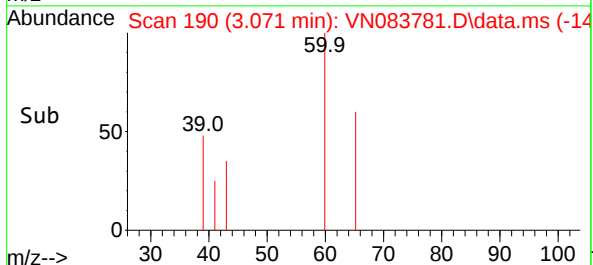
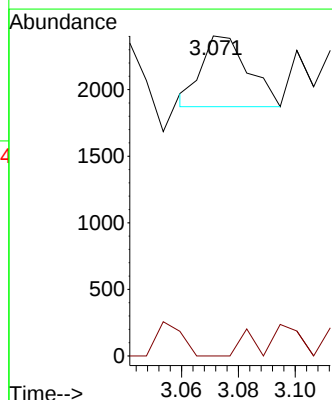
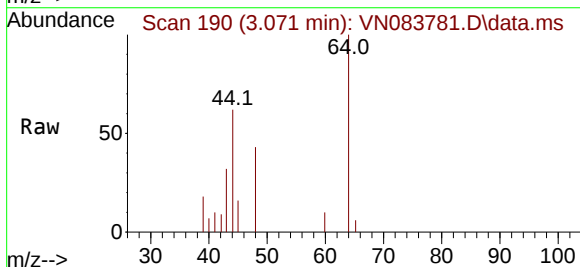
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

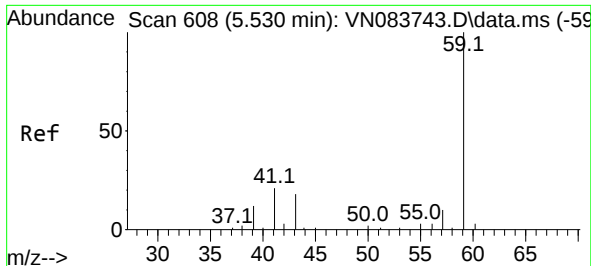
Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 74.2 76.0 114.0#



#6
Chloroethane
Concen: 0.741 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 64 Resp: 603
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#11

Tert butyl alcohol

Concen: 1.172 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

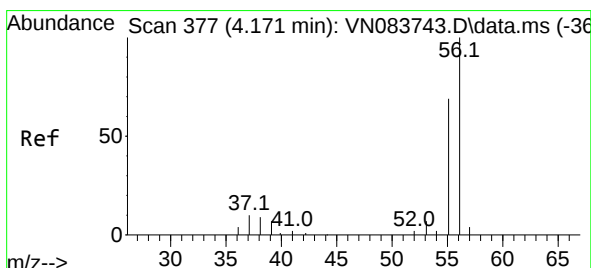
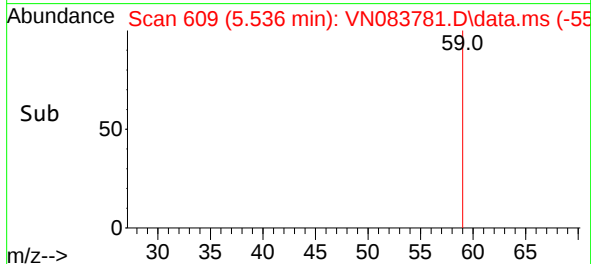
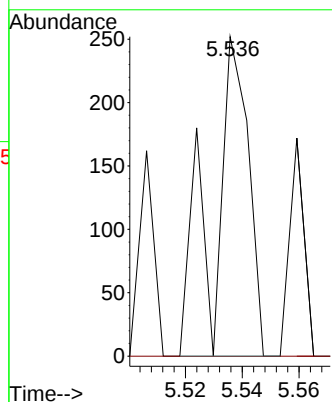
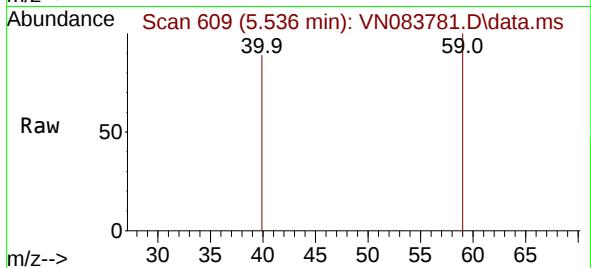
PB163204ZHE#11

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.305 ug/l

RT: 4.171 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN083781.D

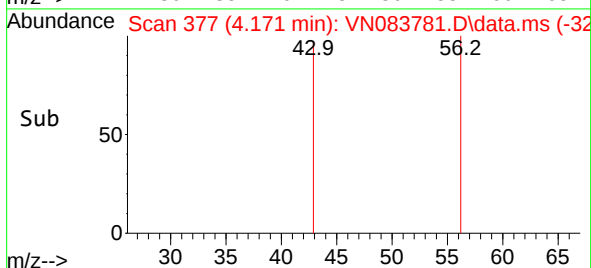
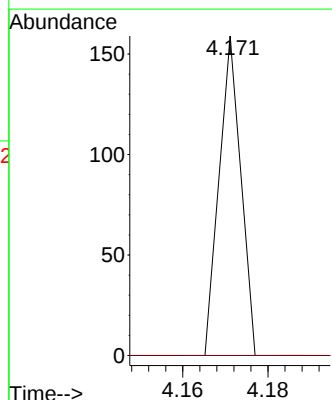
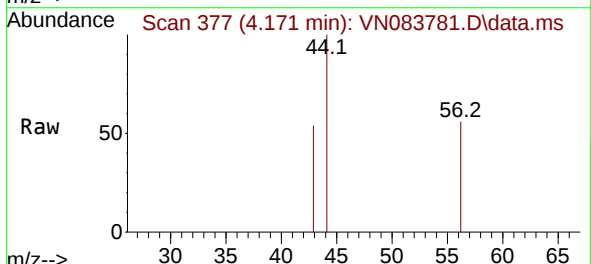
Acq: 11 Sep 2024 08:50

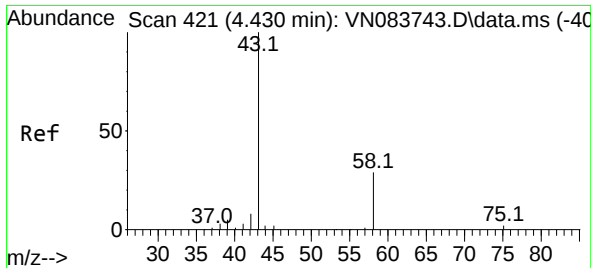
Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#





#16

Acetone

Concen: 65.532 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

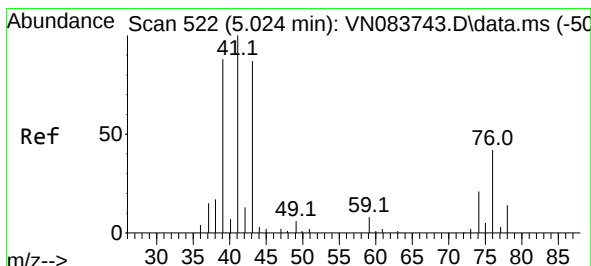
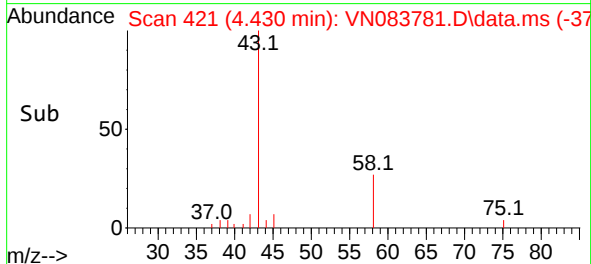
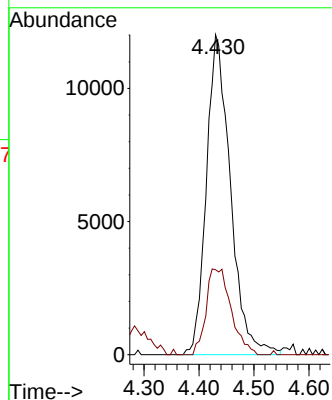
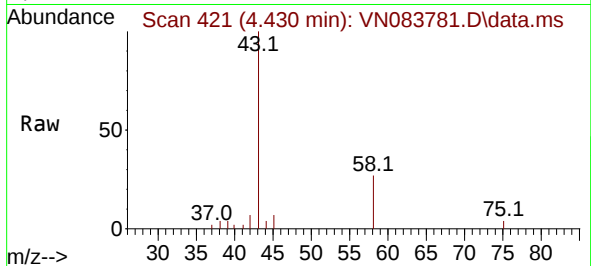
PB163204ZHE#11

Tgt Ion: 43 Resp: 36477

Ion Ratio Lower Upper

43 100

58 26.5 23.7 35.5



#18

Methyl Acetate

Concen: 6.789 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083781.D

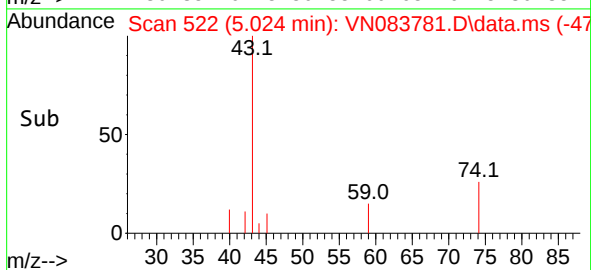
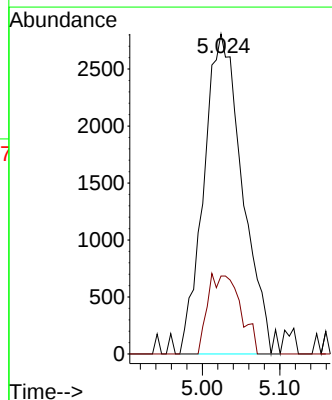
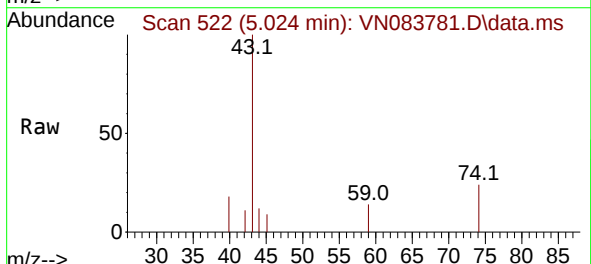
Acq: 11 Sep 2024 08:50

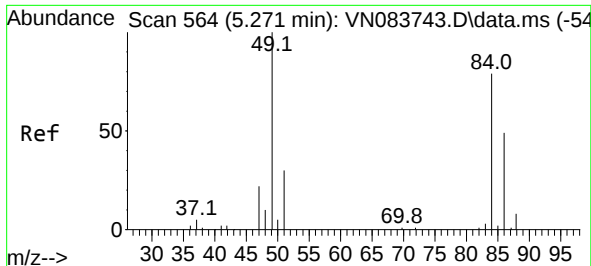
Tgt Ion: 43 Resp: 9734

Ion Ratio Lower Upper

43 100

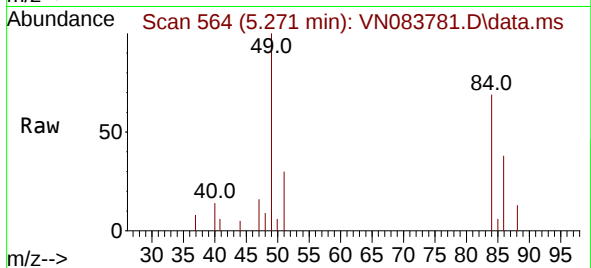
74 20.9 19.0 28.4



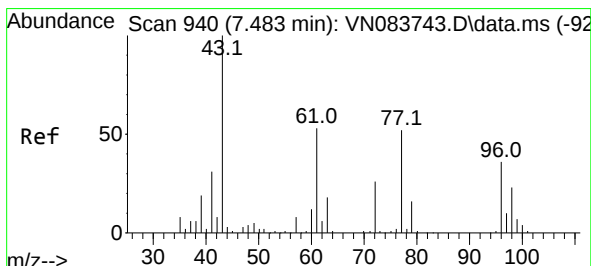
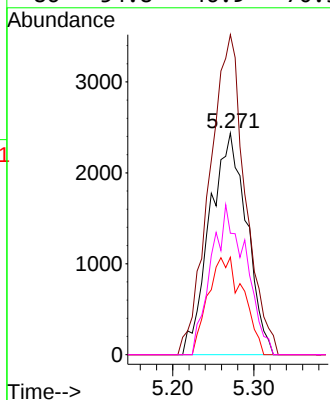
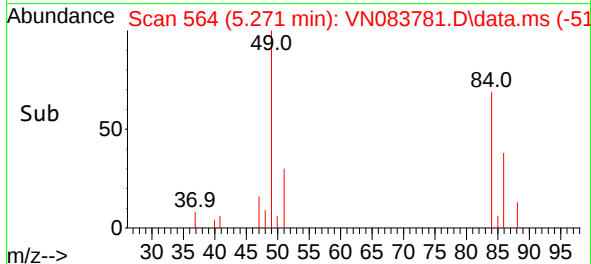


#20
Methylene Chloride
Concen: 6.783 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

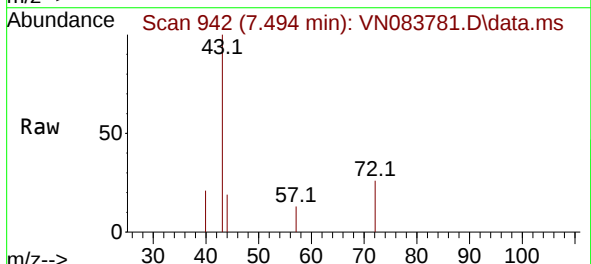
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



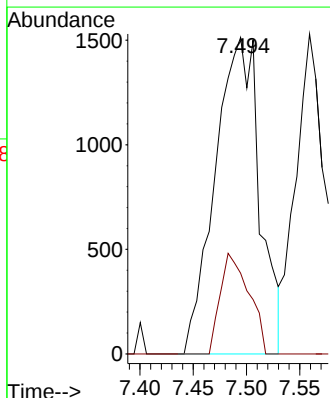
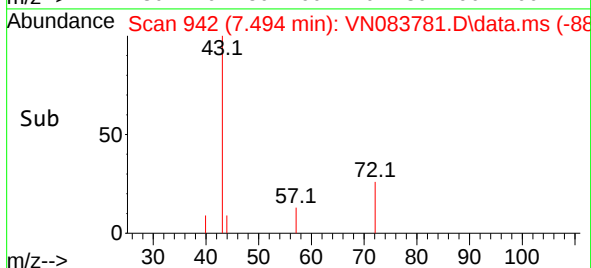
Tgt Ion: 84	Resp: 7726
Ion Ratio	Lower Upper
84 100	
49 144.4	93.4 140.0#
51 44.0	29.2 43.8#
86 54.8	46.9 70.3

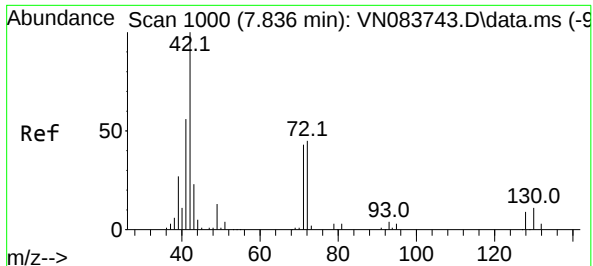


#25
2-Butanone
Concen: 6.005 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50



Tgt Ion: 43	Resp: 4393
Ion Ratio	Lower Upper
43 100	
72 25.5	20.8 31.2





#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 7.841 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11

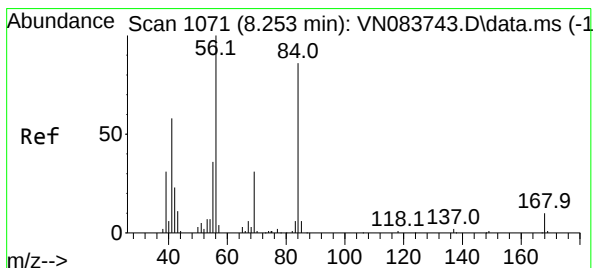
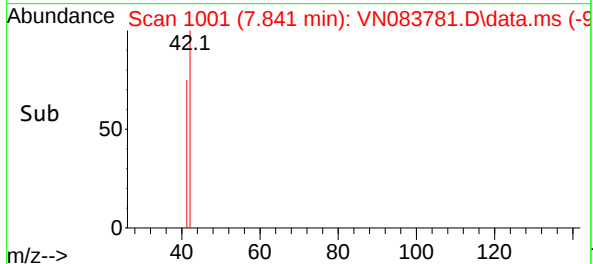
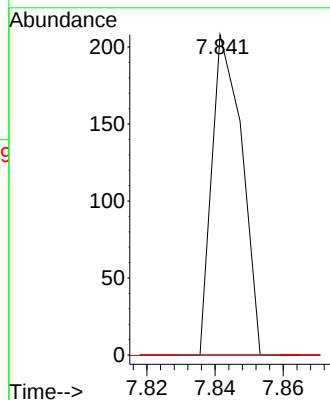
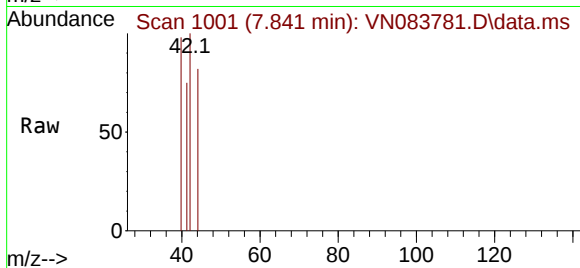
Tgt Ion: 42 Resp: 127

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

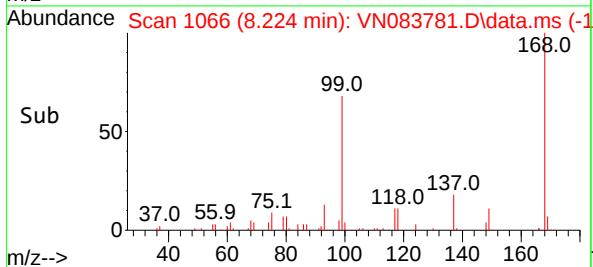
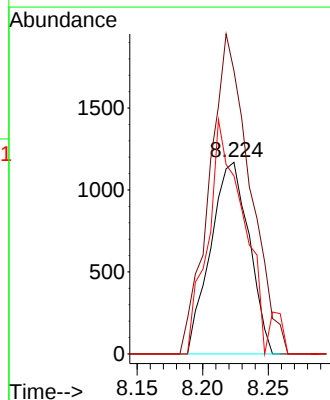
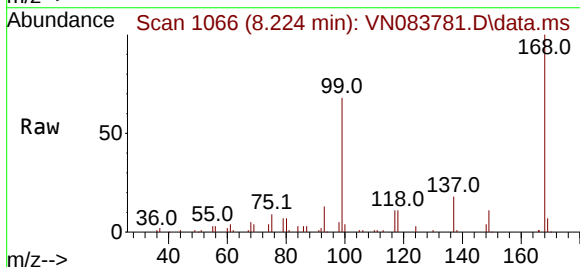
Tgt Ion: 56 Resp: 2387

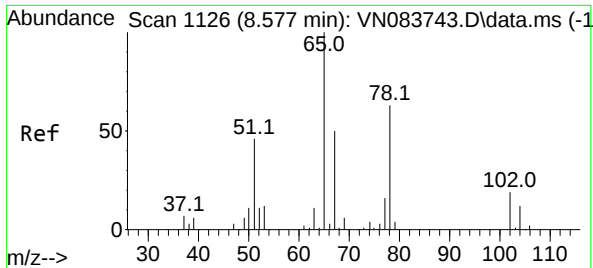
Ion Ratio Lower Upper

56 100

69 147.7 26.9 40.3#

84 92.9 69.2 103.8

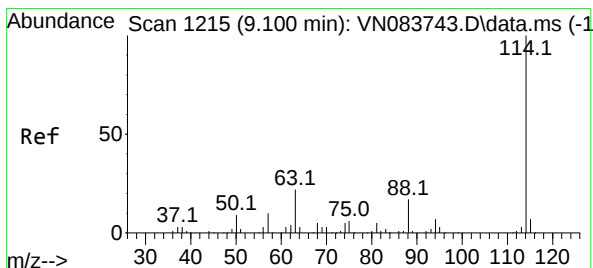
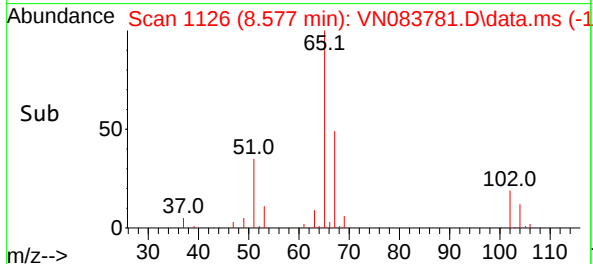
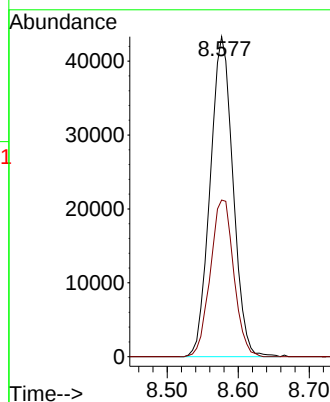
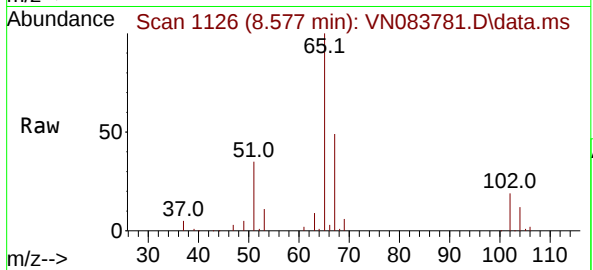




#33
 1,2-Dichloroethane-d4
 Concen: 69.655 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083781.D
 Acq: 11 Sep 2024 08:50

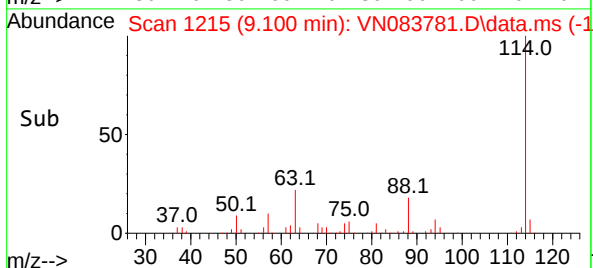
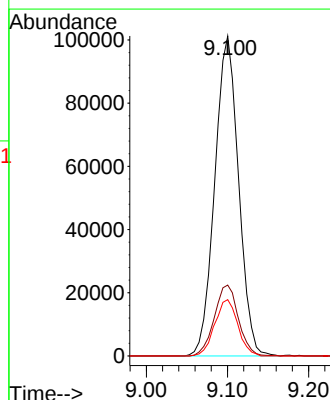
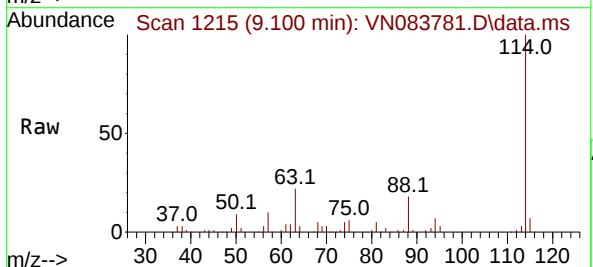
Instrument :
 MSVOA_N
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 PB163204ZHE#11

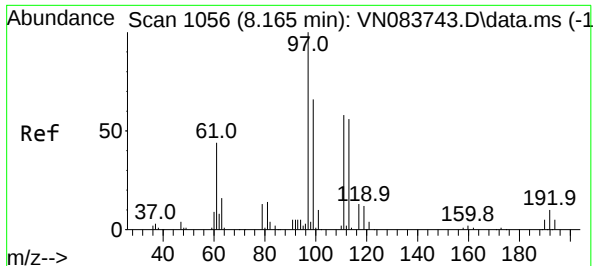
Tgt Ion: 65 Resp: 96719
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083781.D
 Acq: 11 Sep 2024 08:50

Tgt Ion: 114 Resp: 206134
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 17.6 0.0 32.6

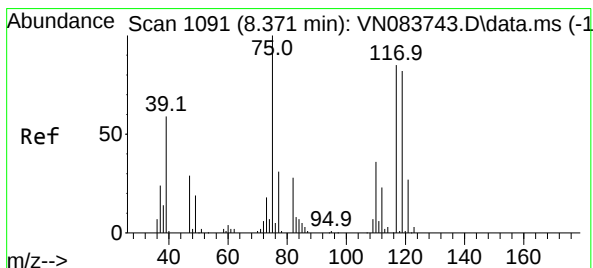
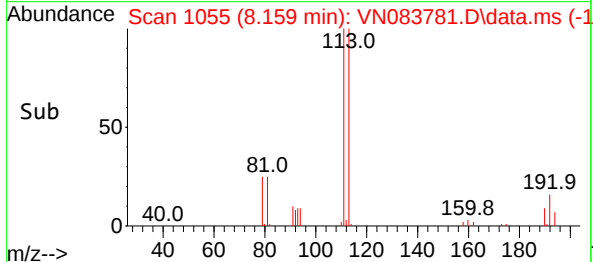
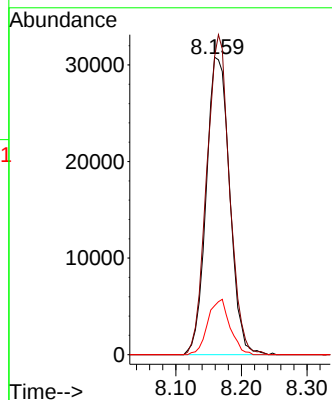
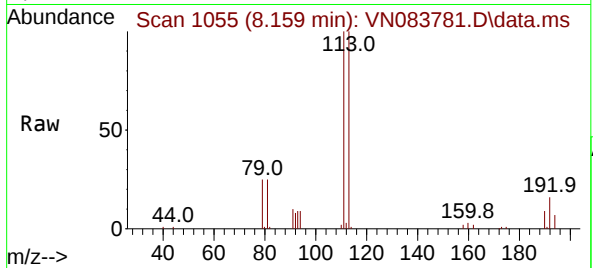




#35
Dibromofluoromethane
Concen: 57.924 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

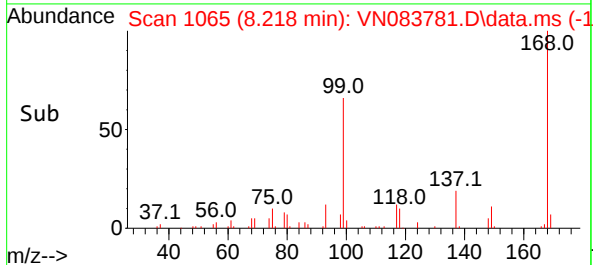
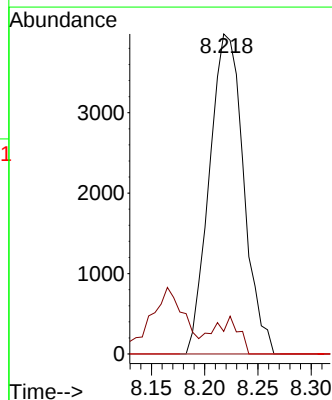
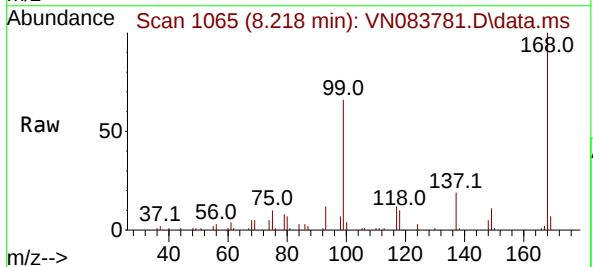
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

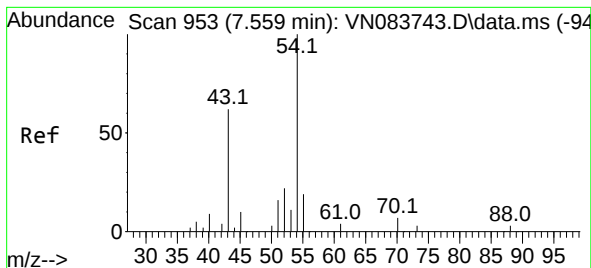
Tgt Ion:113 Resp: 76439
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 75 Resp: 8891
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.1#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 1.752 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11

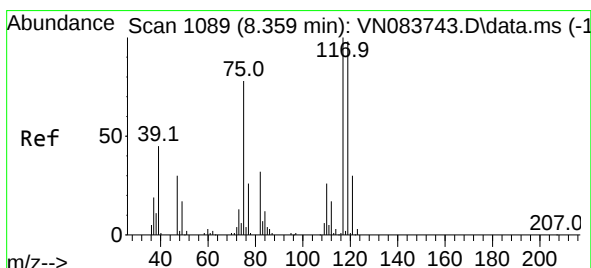
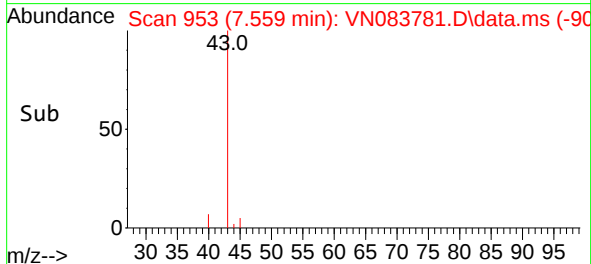
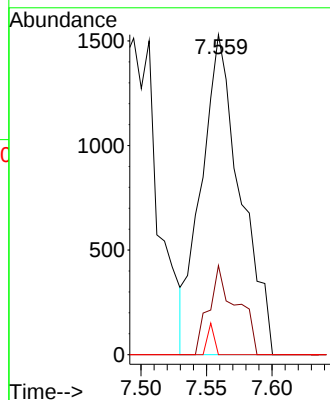
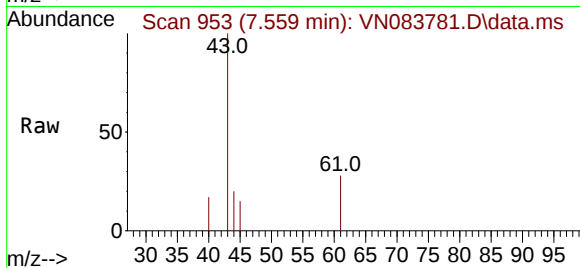
Tgt Ion: 43 Resp: 3158

Ion Ratio Lower Upper

43 100

61 20.0 11.1 16.7#

70 1.7 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 4.706 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

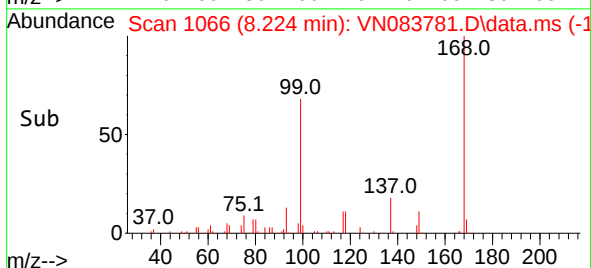
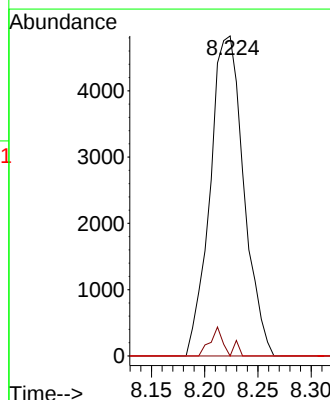
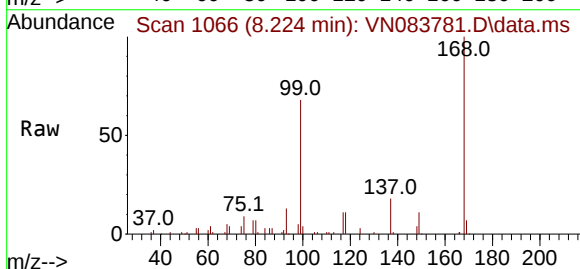
Tgt Ion: 117 Resp: 10604

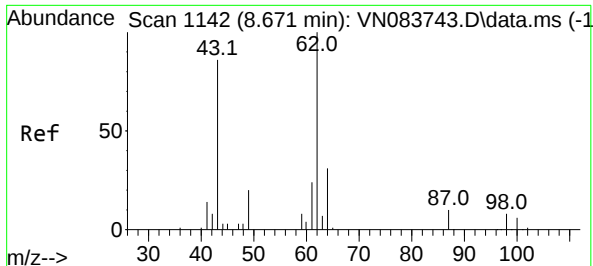
Ion Ratio Lower Upper

117 100

119 0.0 76.1 114.1#

121 0.0 24.1 36.1#

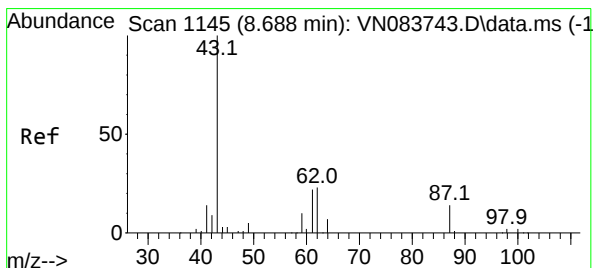
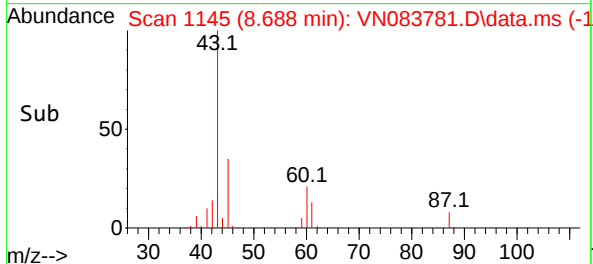
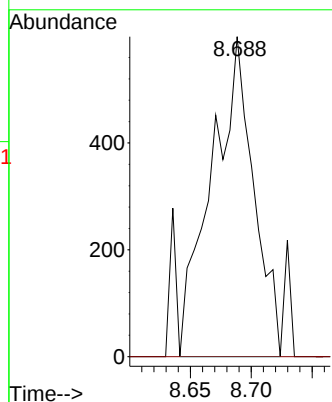
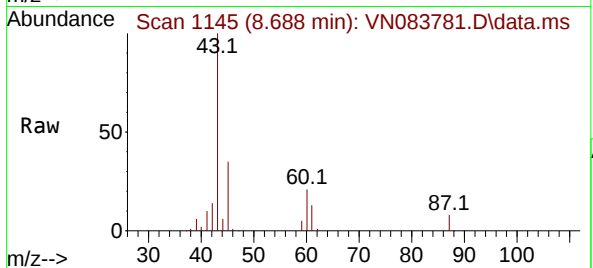




#42
1,2-Dichloroethane
Concen: 0.647 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

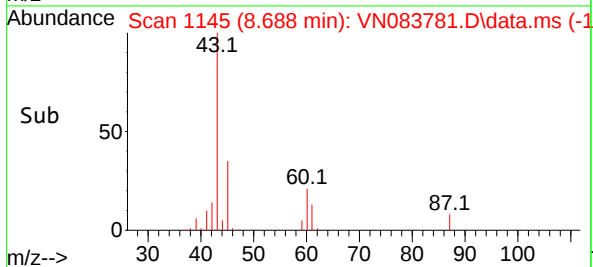
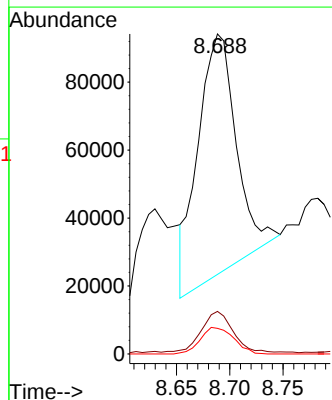
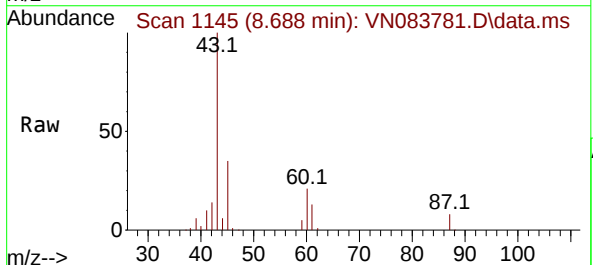
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

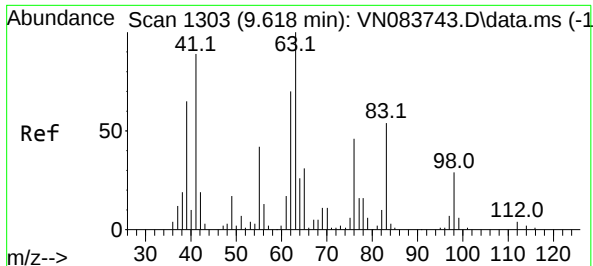
Tgt Ion: 62 Resp: 1446
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6



#43
Isopropyl Acetate
Concen: 54.817 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 43 Resp: 179097
Ion Ratio Lower Upper
43 100
61 15.8 19.4 29.0#
87 9.5 9.8 14.6#





#45

1,2-Dichloropropane

Concen: 0.866 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.124 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

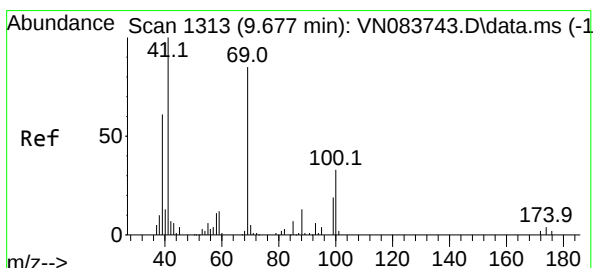
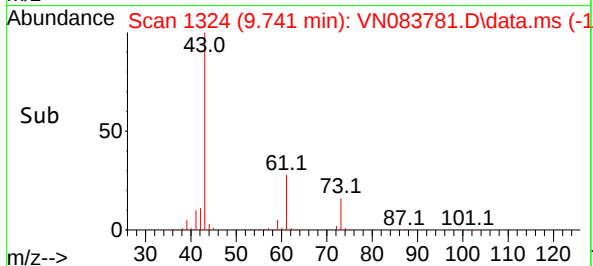
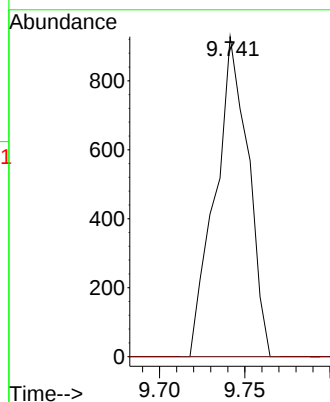
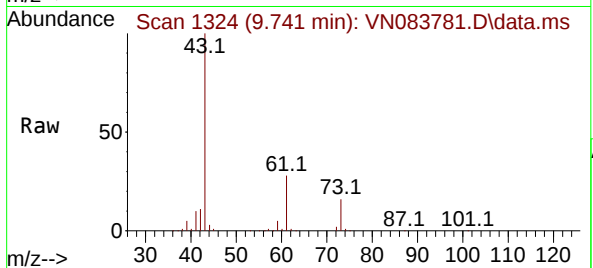
PB163204ZHE#11

Tgt Ion: 63 Resp: 1251

Ion Ratio Lower Upper

63 100

65 0.0 25.9 38.9#



#48

Methyl methacrylate

Concen: 2.385 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

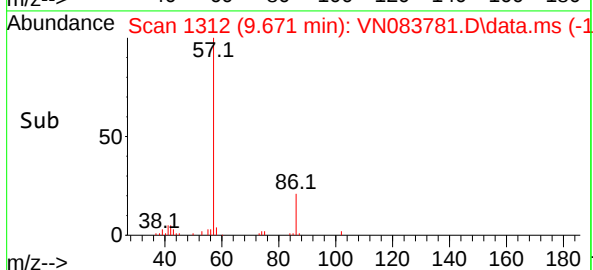
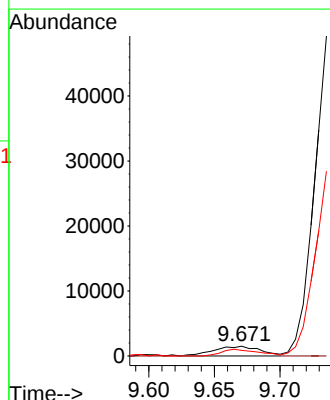
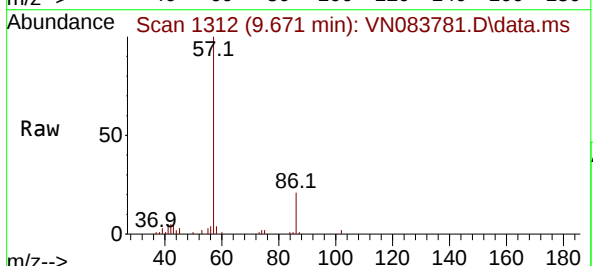
Tgt Ion: 41 Resp: 3697

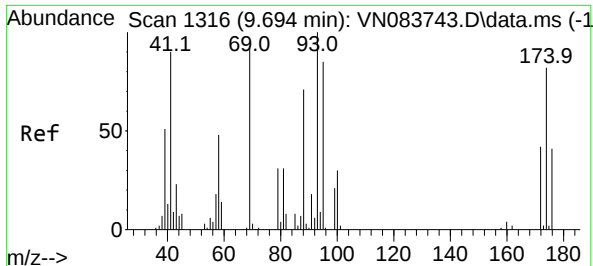
Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 53.9 48.9 73.3





#49

1,4-Dioxane

Concen: 2.118 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN083781.D

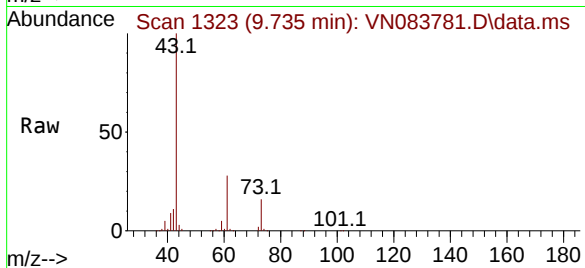
Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11



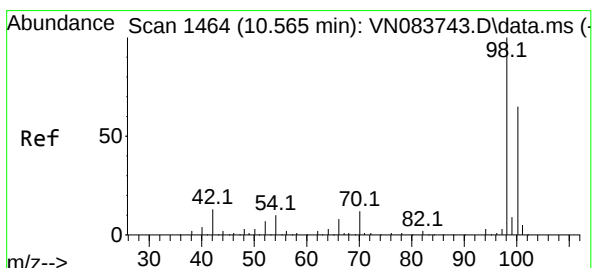
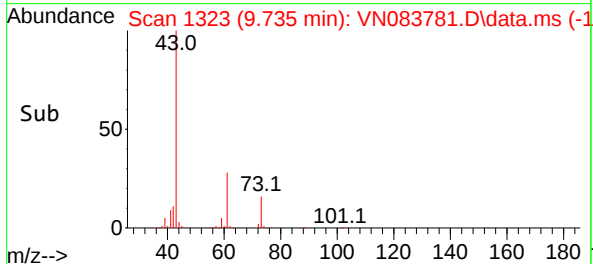
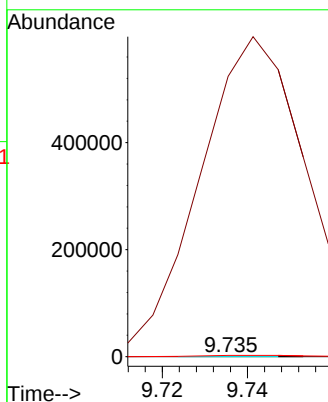
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 1995746.3 0.0 0.0#

58 8470.4 57.1 85.7#



#50

Toluene-d8

Concen: 61.129 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083781.D

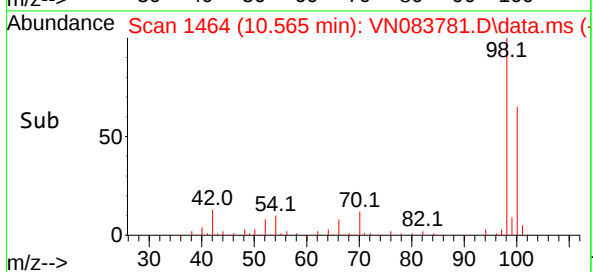
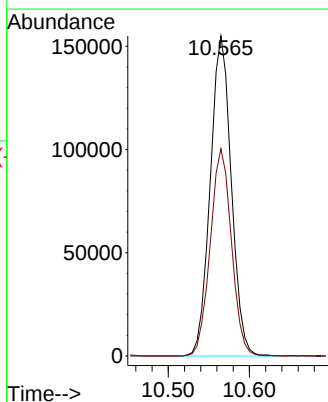
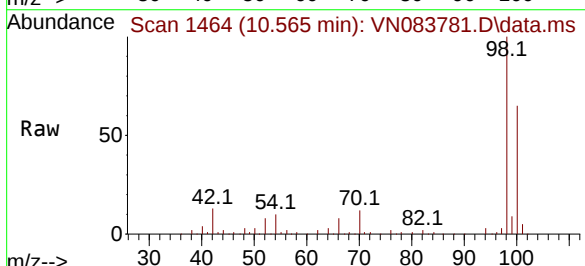
Acq: 11 Sep 2024 08:50

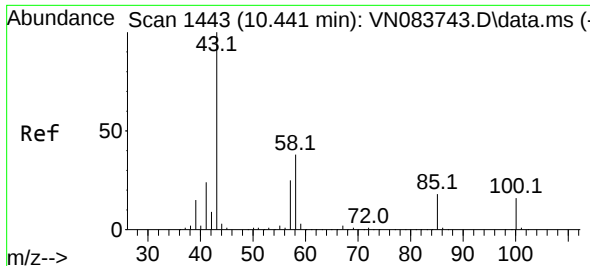
Tgt Ion: 98 Resp: 278877

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

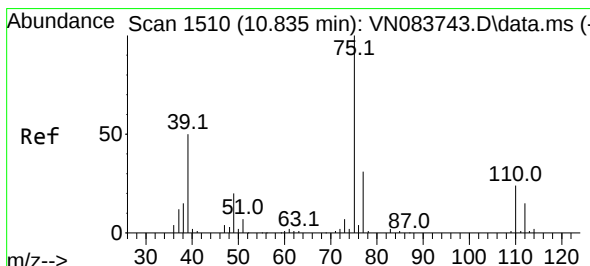
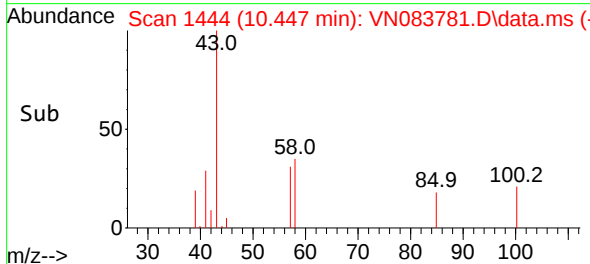
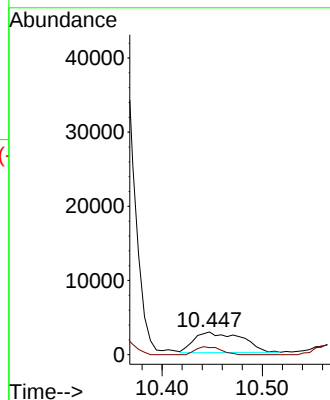
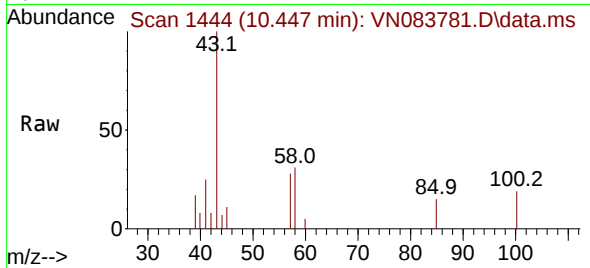




#51
4-Methyl-2-Pentanone
Concen: 5.136 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

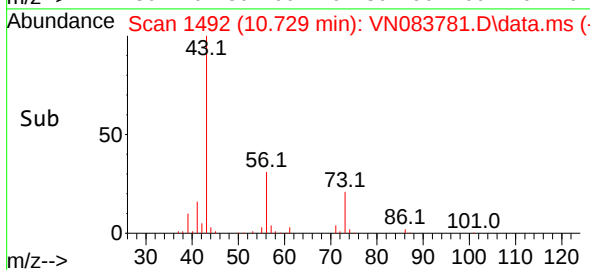
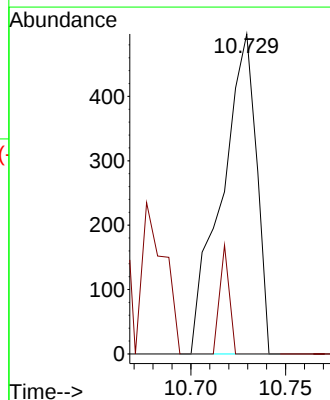
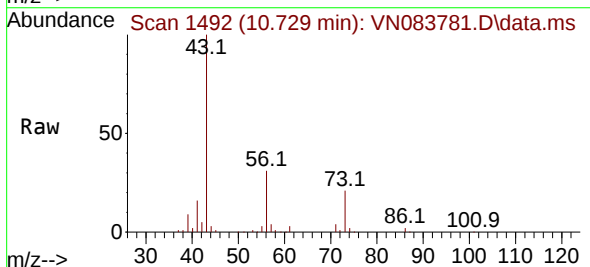
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

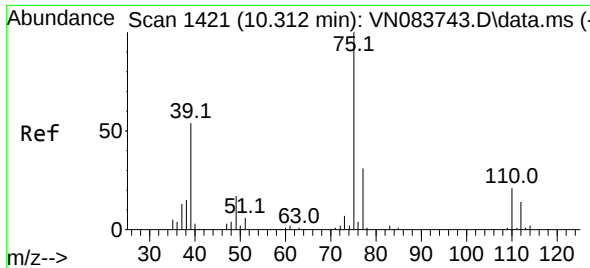
Tgt Ion: 43 Resp: 9135
Ion Ratio Lower Upper
43 100
58 20.3 31.6 47.4#



#53
t-1,3-Dichloropropene
Concen: 0.286 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 75 Resp: 635
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#

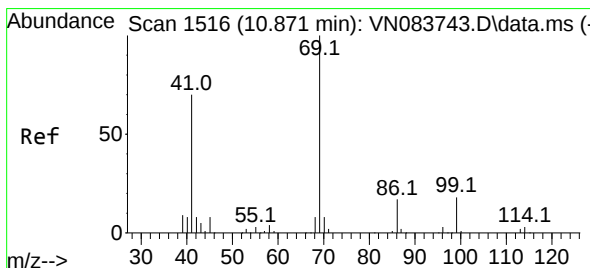
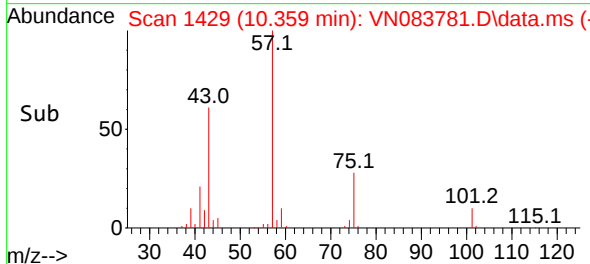
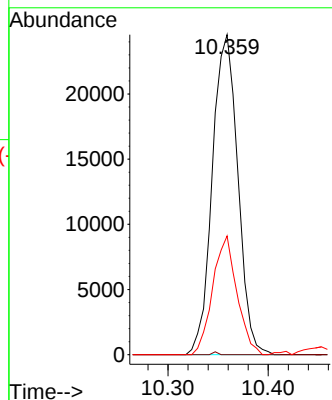
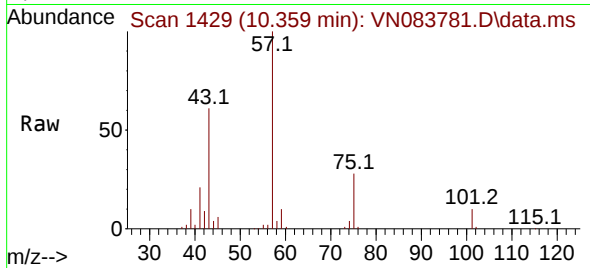




#54
 cis-1,3-Dichloropropene
 Concen: 18.593 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083781.D
 Acq: 11 Sep 2024 08:50

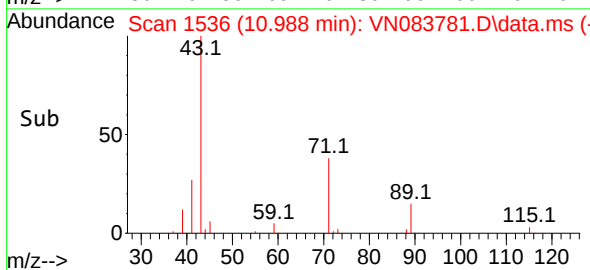
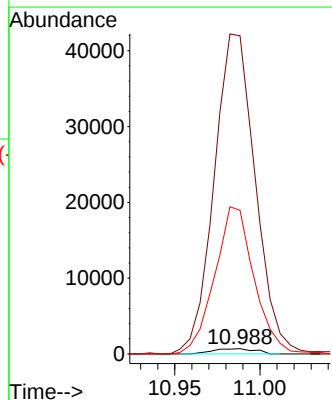
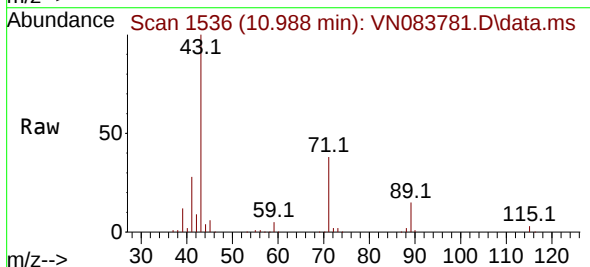
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#11

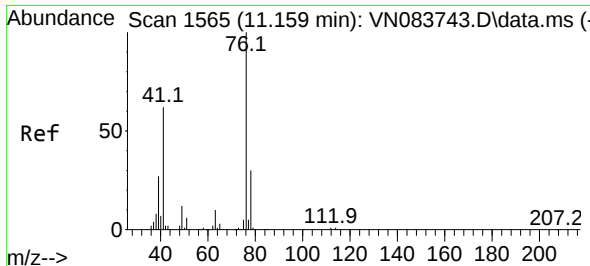
Tgt Ion: 75 Resp: 43361
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 37.1 42.6 64.0#



#56
 Ethyl methacrylate
 Concen: 0.580 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.118 min
 Lab File: VN083781.D
 Acq: 11 Sep 2024 08:50

Tgt Ion: 69 Resp: 1218
 Ion Ratio Lower Upper
 69 100
 41 5857.2 53.9 80.9#
 39 2575.3 32.6 48.8#





#57

1,3-Dichloropropane

Concen: 2.244 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

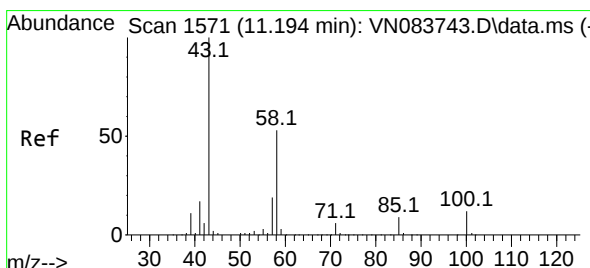
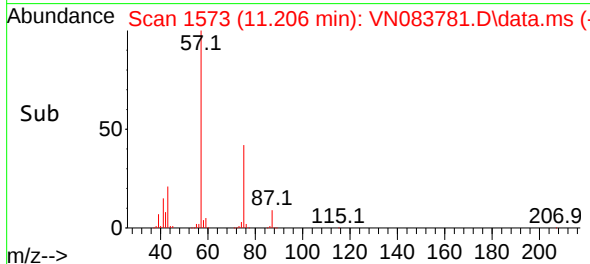
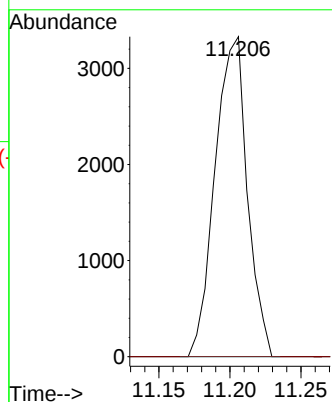
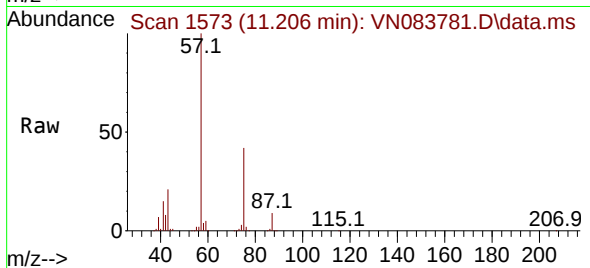
PB163204ZHE#11

Tgt Ion: 76 Resp: 5264

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 82.718 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.023 min

Lab File: VN083781.D

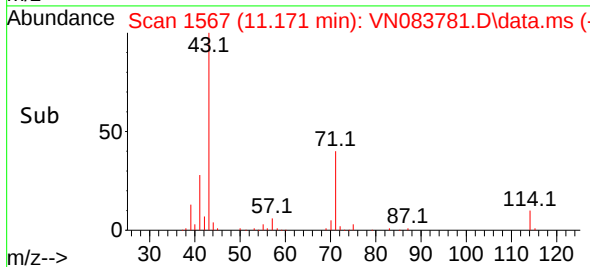
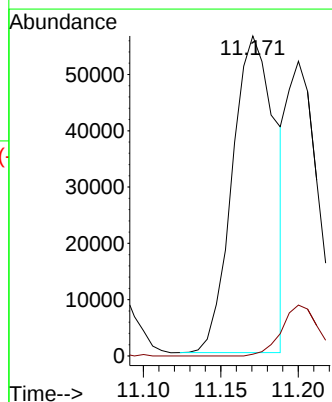
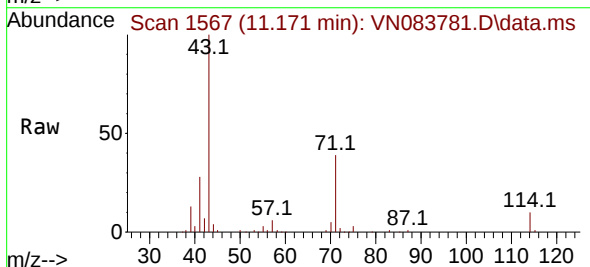
Acq: 11 Sep 2024 08:50

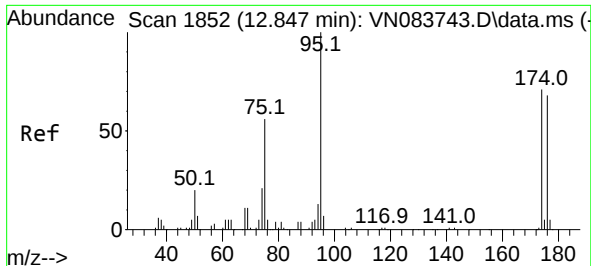
Tgt Ion: 43 Resp: 108822

Ion Ratio Lower Upper

43 100

58 0.0 27.2 81.5#





#62

4-Bromofluorobenzene

Concen: 71.792 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11

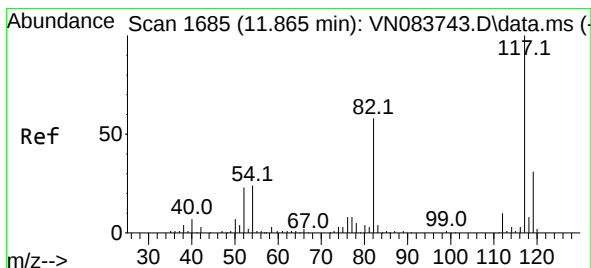
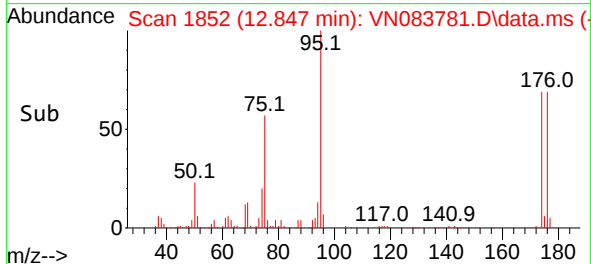
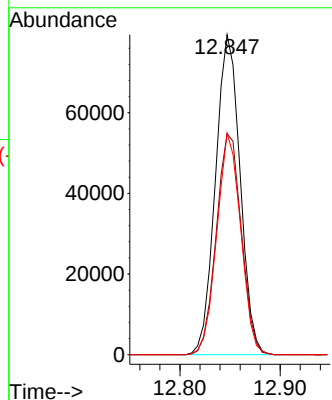
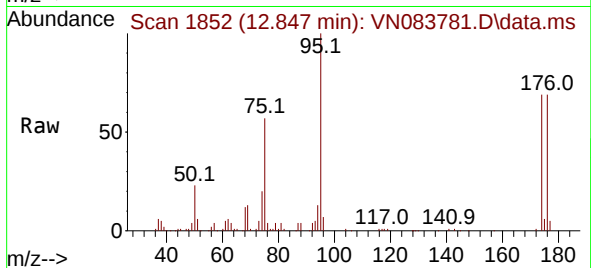
Tgt Ion: 95 Resp: 135127

Ion Ratio Lower Upper

95 100

174 70.6 0.0 139.8

176 67.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

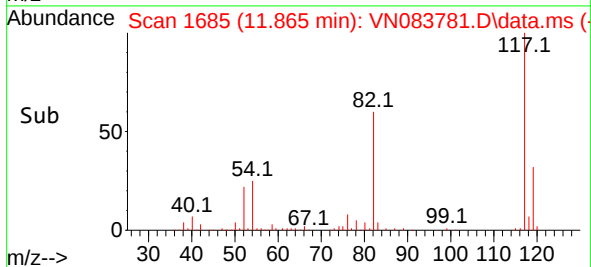
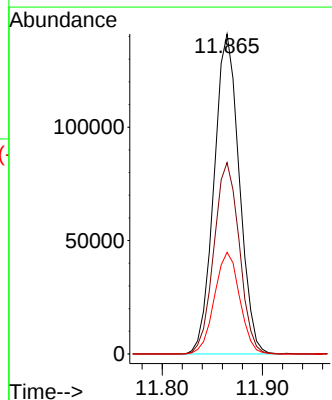
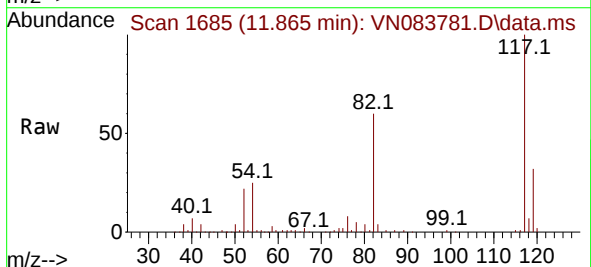
Tgt Ion: 117 Resp: 246274

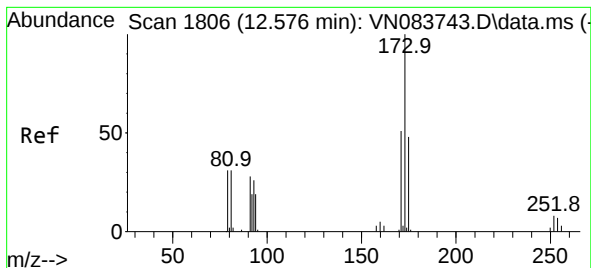
Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 31.8 26.3 39.5





#71

Bromoform

Concen: 0.364 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

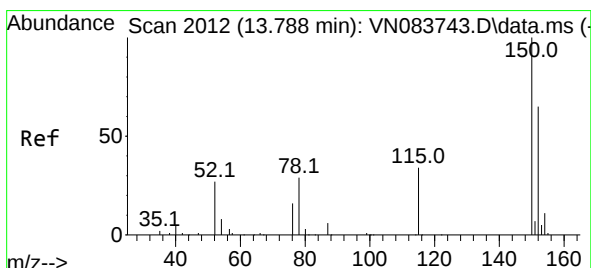
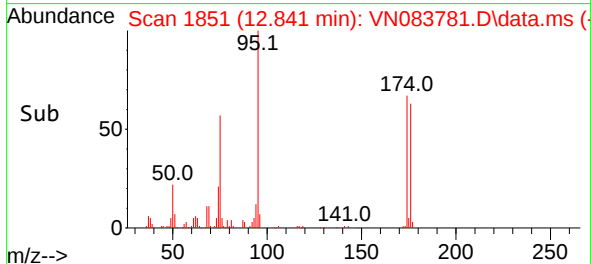
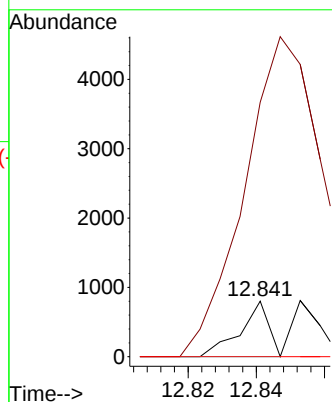
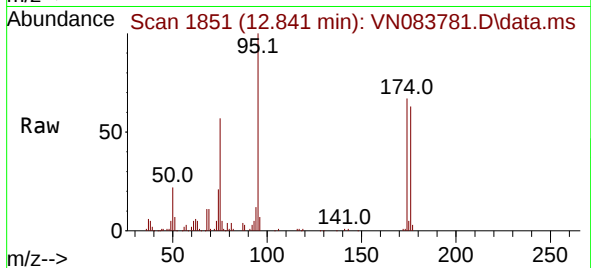
MSVOA_N

ClientSampleId :

PB163204ZHE#11

Tgt Ion:173 Resp: 466

Ion	Ratio	Lower	Upper
173	100		
175	1215.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

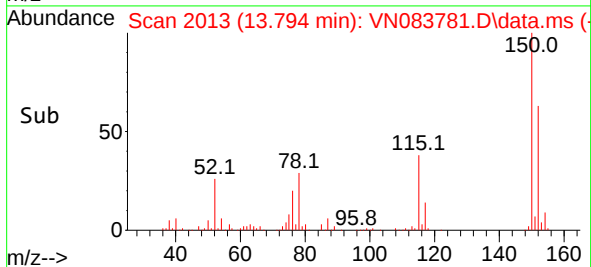
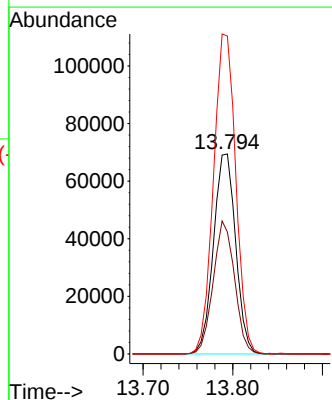
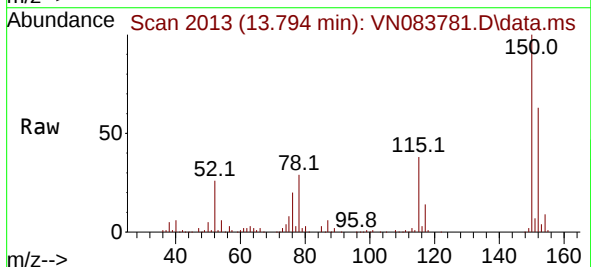
Delta R.T. 0.006 min

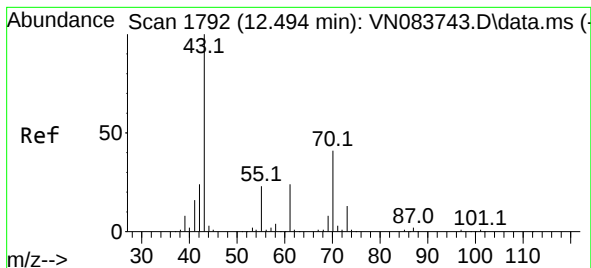
Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Tgt Ion:152 Resp: 119326

Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.2	96.6
150	160.6	0.0	348.6





#74

N-amy1 acetate

Concen: 0.256 ug/l

RT: 12.482 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11

Tgt Ion: 43 Resp: 1009

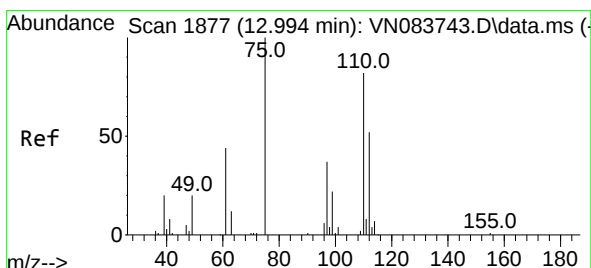
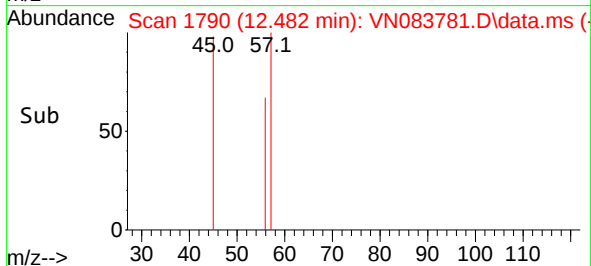
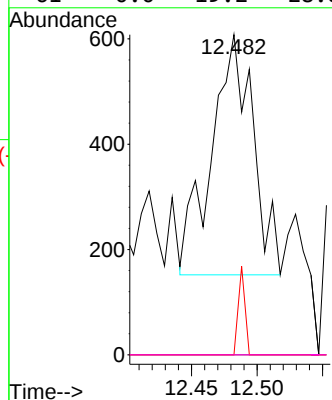
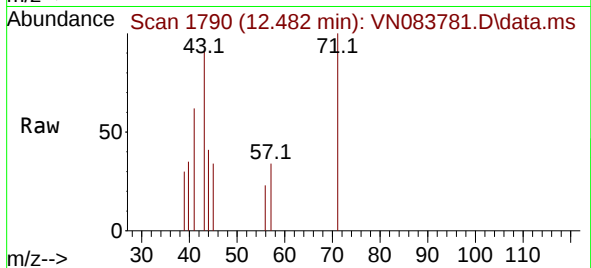
Ion Ratio Lower Upper

43 100

70 0.0 34.5 51.7#

55 5.8 18.6 28.0#

61 0.0 19.2 28.8#



#76

1,2,3-Trichloropropane

Concen: 31.292 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083781.D

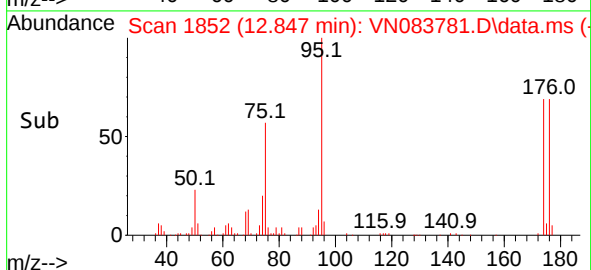
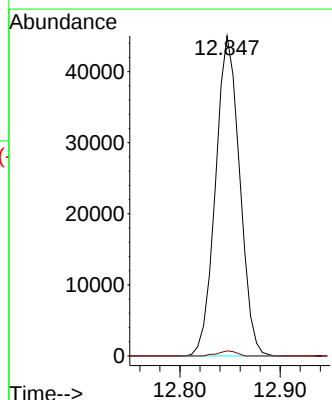
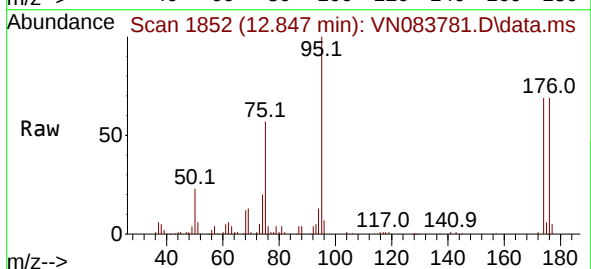
Acq: 11 Sep 2024 08:50

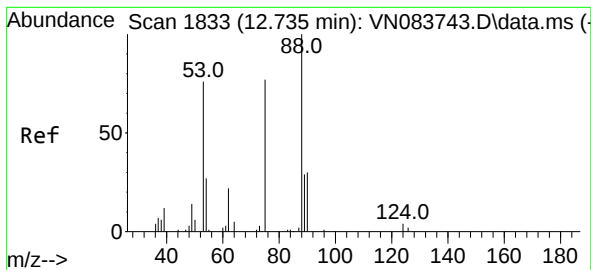
Tgt Ion: 75 Resp: 75343

Ion Ratio Lower Upper

75 100

77 1.2 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.955 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083781.D
 Acq: 11 Sep 2024 08:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#11

Tgt Ion: 75 Resp: 75343
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

