

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083770.D
 Acq On : 11 Sep 2024 04:27
 Operator : JC\MD
 Sample : PB163204TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204TB

Quant Time: Sep 11 05:19:06 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	110570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87127	52.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.520%	
35) Dibromofluoromethane	8.165	113	68780	46.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.320%	
50) Toluene-d8	10.565	98	259119	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.847	95	112637	53.001	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.000%	

Target Compounds			Qvalue			
3) Chloromethane	2.354	50	1172	Below Cal	#	41
5) Bromomethane	2.906	94	500	0.619	ug/l #	41
6) Chloroethane	2.871	64	895	0.917	ug/l #	64
11) Tert butyl alcohol	5.477	59	927	4.152	ug/l #	71
13) Acrolein	4.177	56	62	0.281	ug/l #	13
16) Acetone	4.430	43	19999	29.923	ug/l	99
17) Carbon Disulfide	4.677	76	1676	0.501	ug/l #	75
18) Methyl Acetate	5.036	43	3815	0.918	ug/l #	87
20) Methylene Chloride	5.259	84	5535	4.047	ug/l	91
25) 2-Butanone	7.488	43	2330	2.652	ug/l	99
29) Tetrahydrofuran	7.841	42	123	0.237	ug/l #	32
31) Cyclohexane	8.218	56	2896	1.202	ug/l #	40
36) 1,1-Dichloropropene	8.359	75	503	0.224	ug/l #	42
37) Ethyl Acetate	7.565	43	3125	1.535	ug/l #	83
38) Carbon Tetrachloride	8.218	117	12717	4.998	ug/l #	18
42) 1,2-Dichloroethane	8.683	62	774	0.307	ug/l #	77
43) Isopropyl Acetate	8.688	43	209131	56.691	ug/l #	79
45) 1,2-Dichloropropane	9.741	63	1257	0.770	ug/l #	42
48) Methyl methacrylate	9.665	41	3124	1.785	ug/l #	48
49) 1,4-Dioxane	9.735	88	62	2.153	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	5235	2.607	ug/l	89
52) Toluene	10.624	92	846	0.205	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	669	0.267	ug/l #	42
54) cis-1,3-Dichloropropene	10.359	75	42478	16.131	ug/l #	62
56) Ethyl methacrylate	10.988	69	991	0.418	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5575	2.104	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	793	0.928	ug/l #	61
59) 2-Hexanone	11.171	43	106780	71.885	ug/l #	24
65) Chlorobenzene	11.894	112	1753	0.314	ug/l #	88
67) Ethyl Benzene	11.965	91	2211	0.223	ug/l #	86
68) m/p-Xylenes	12.076	106	1590	0.432	ug/l	83
70) Styrene	12.406	104	1981	0.339	ug/l	95
71) Bromoform	12.841	173	304	0.233	ug/l #	29
74) N-amyl acetate	12.488	43	2008	0.524	ug/l #	54
76) 1,2,3-Trichloropropane	12.847	75	62736	26.773	ug/l #	1
77) Bromobenzene	12.976	156	763	0.353	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

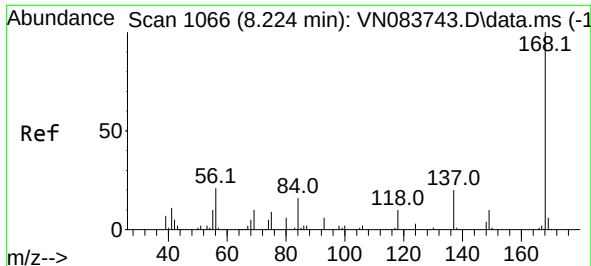
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	13.035	91	3795	0.363	ug/l	99
79) 2-Chlorotoluene	13.123	91	2062	0.309	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	1599	0.211	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.847	75	62736	70.120	ug/l #	9
82) 4-Chlorotoluene	13.218	91	3523	0.527	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	1620	0.213	ug/l	79
85) sec-Butylbenzene	13.612	105	2351	0.267	ug/l	87
86) p-Isopropyltoluene	13.735	119	1845	0.250	ug/l	89
87) 1,3-Dichlorobenzene	13.735	146	2663	0.652	ug/l	94
88) 1,4-Dichlorobenzene	13.735	146	2663	0.644	ug/l	94
89) n-Butylbenzene	14.047	91	3170	0.479	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	2216	0.563	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	2140	1.012	ug/l	88
94) Hexachlorobutadiene	15.500	225	356	0.397	ug/l	90
95) Naphthalene	15.635	128	6225	0.968	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	2223	1.100	ug/l	87

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

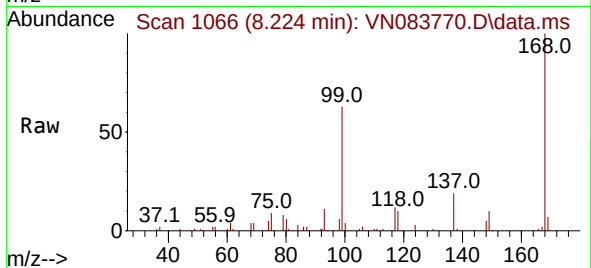
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration



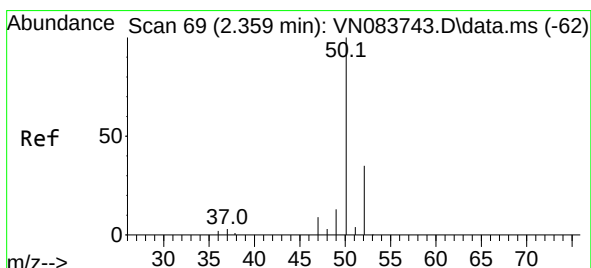
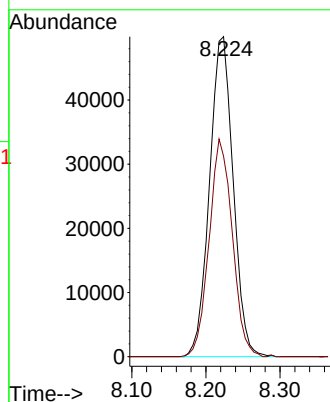
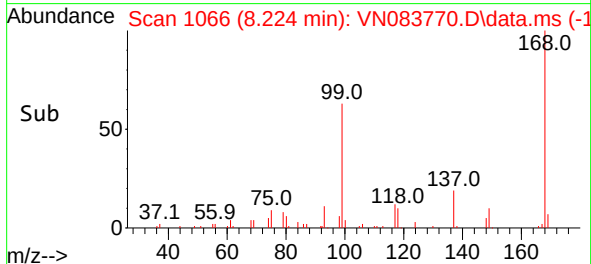


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

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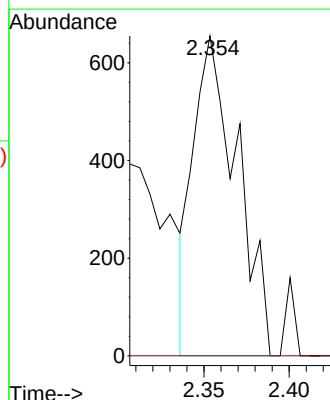
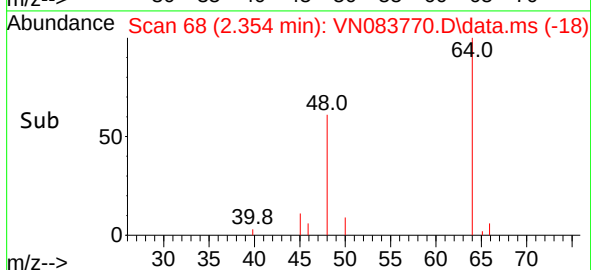
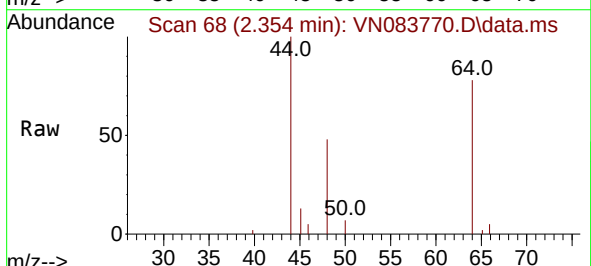


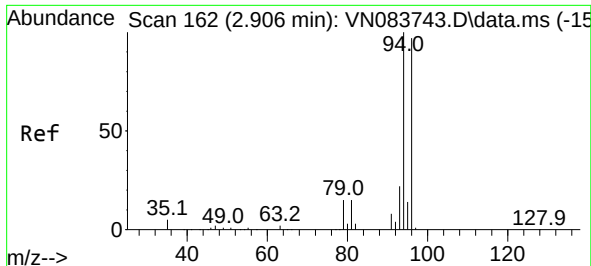
Tgt Ion:168 Resp: 110570
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

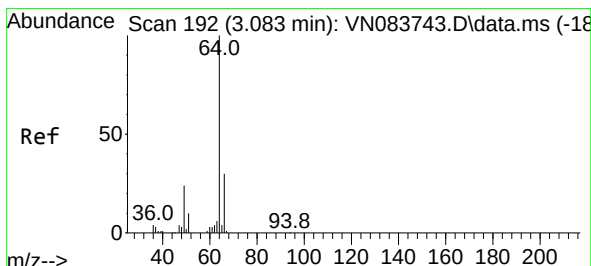
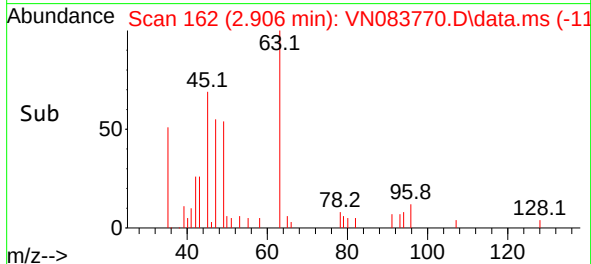
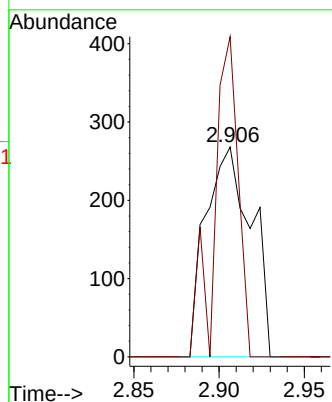
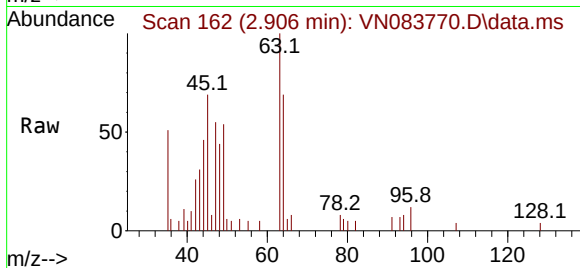




#5
Bromomethane
Concen: 0.619 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

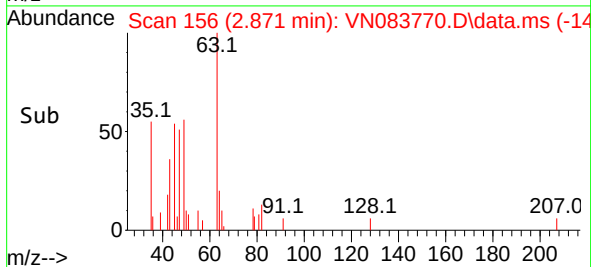
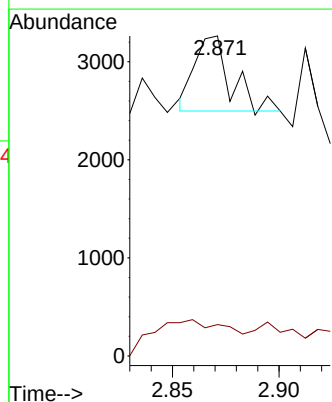
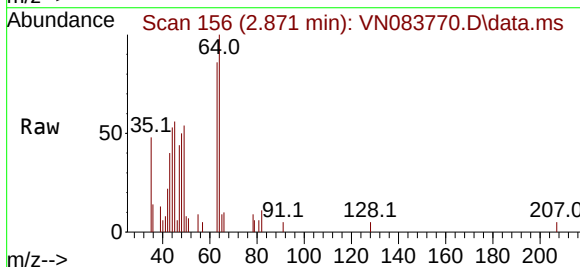
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

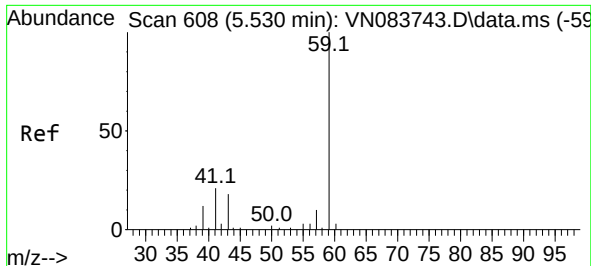
Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 152.6 76.0 114.0#



#6
Chloroethane
Concen: 0.917 ug/l
RT: 2.871 min Scan# 156
Delta R.T. -0.212 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 64 Resp: 895
Ion Ratio Lower Upper
64 100
66 10.3 23.9 35.9#

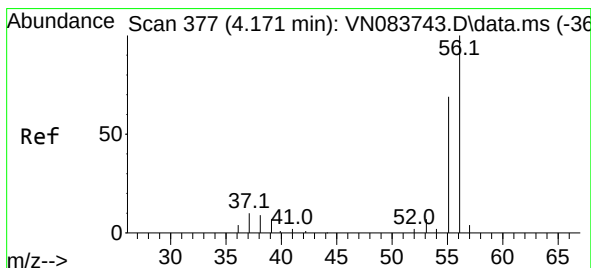
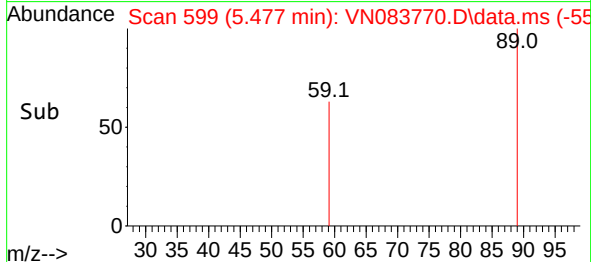
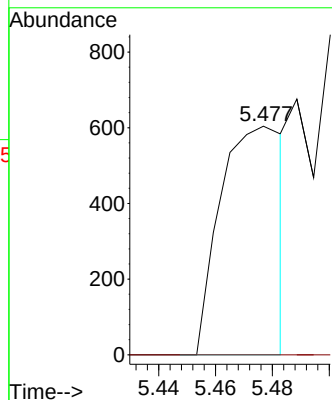
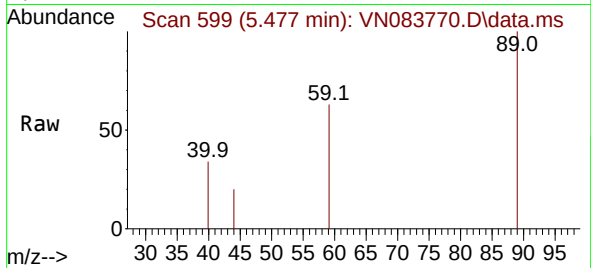




#11
Tert butyl alcohol
Concen: 4.152 ug/l
RT: 5.477 min Scan# 59
Delta R.T. -0.053 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

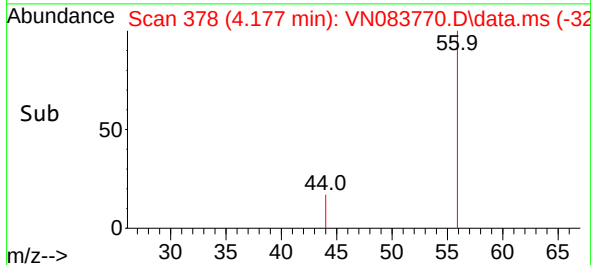
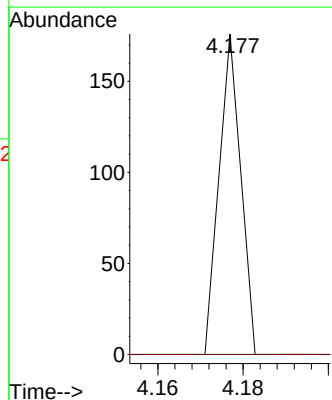
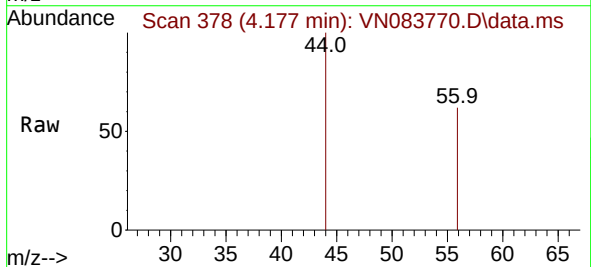
Instrument :
MSVOA_N
ClientSampleId :
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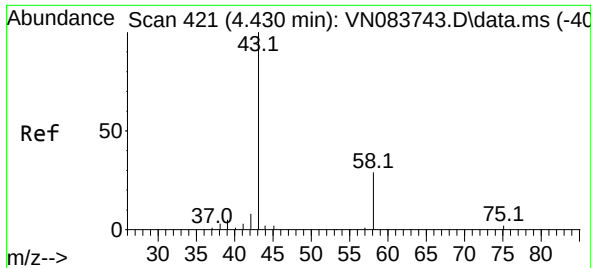
Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.281 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#





#16

Acetone

Concen: 29.923 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

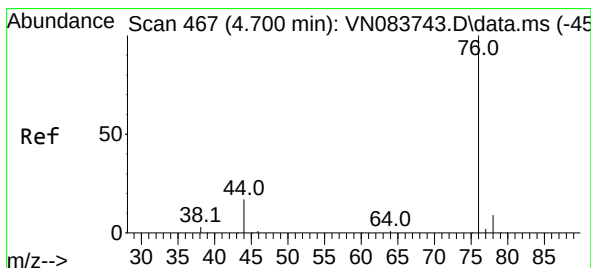
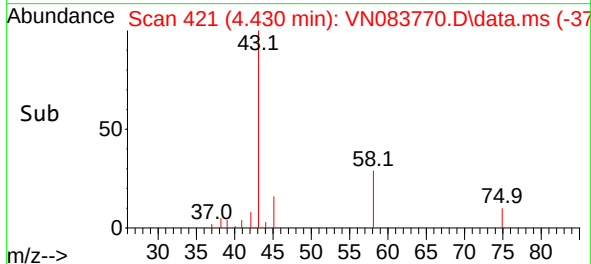
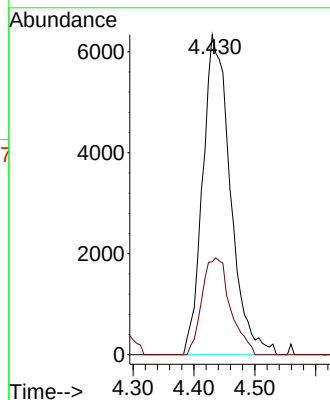
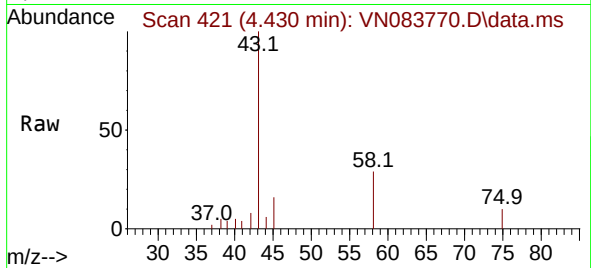
PB163204TB

Tgt Ion: 43 Resp: 19999

Ion Ratio Lower Upper

43 100

58 29.1 23.7 35.5



#17

Carbon Disulfide

Concen: 0.501 ug/l

RT: 4.677 min Scan# 463

Delta R.T. -0.024 min

Lab File: VN083770.D

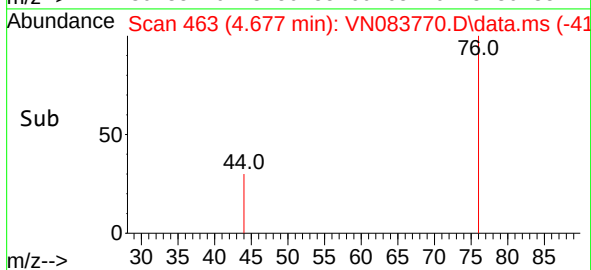
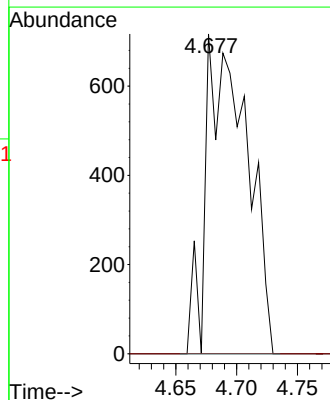
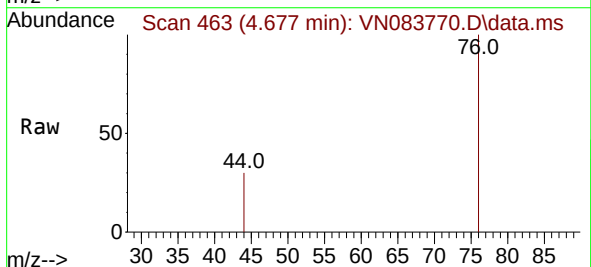
Acq: 11 Sep 2024 04:27

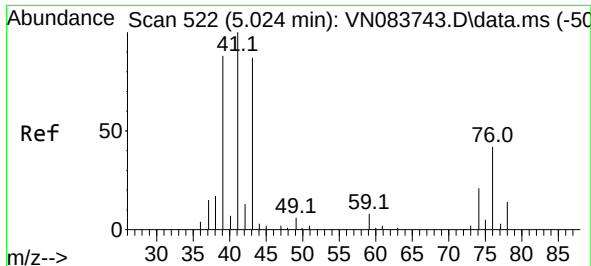
Tgt Ion: 76 Resp: 1676

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: 0.918 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

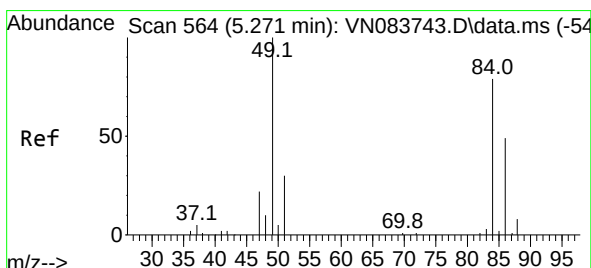
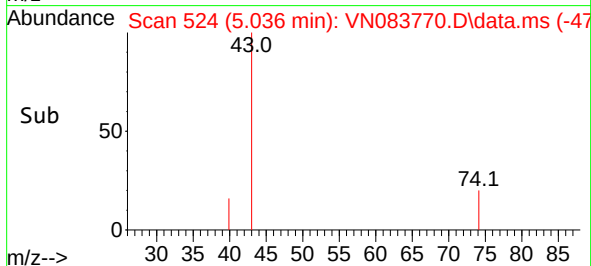
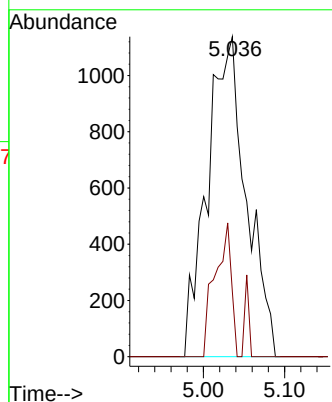
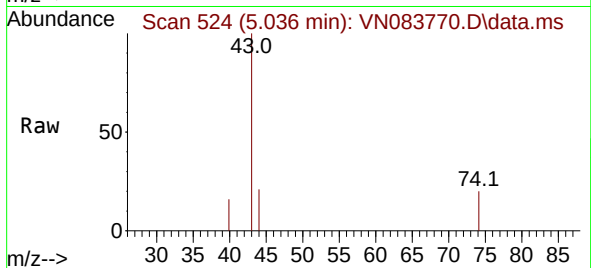
PB163204TB

Tgt Ion: 43 Resp: 3815

Ion Ratio Lower Upper

43 100

74 17.5 19.0 28.4#



#20

Methylene Chloride

Concen: 4.047 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.012 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Tgt Ion: 84 Resp: 5535

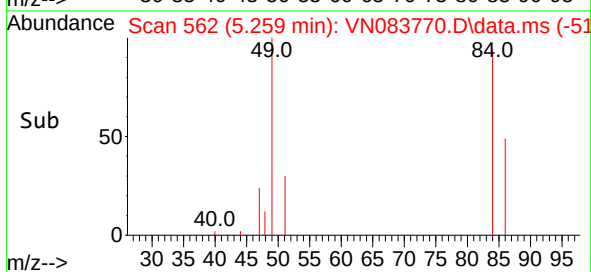
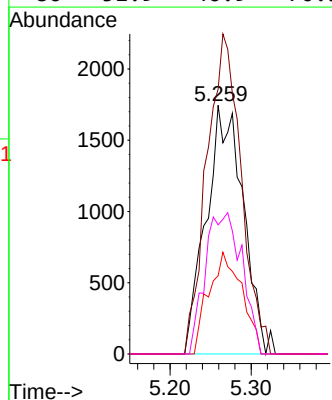
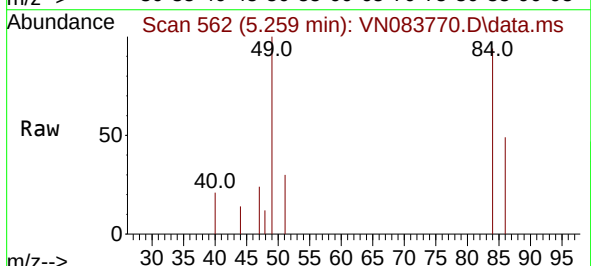
Ion Ratio Lower Upper

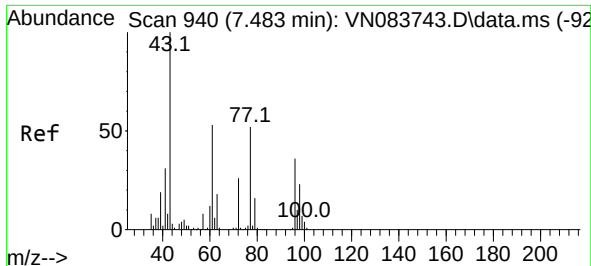
84 100

49 106.5 93.4 140.0

51 31.5 29.2 43.8

86 51.9 46.9 70.3

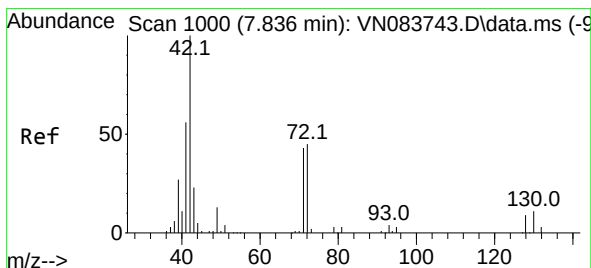
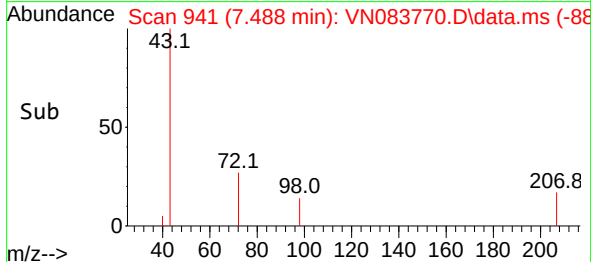
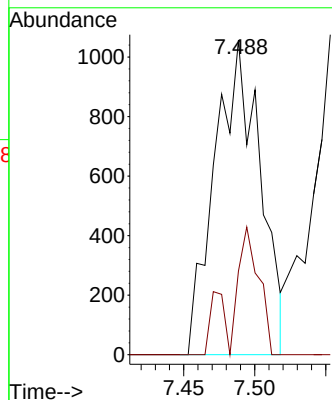
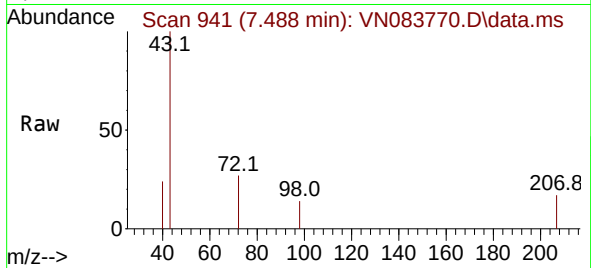




#25
2-Butanone
Concen: 2.652 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

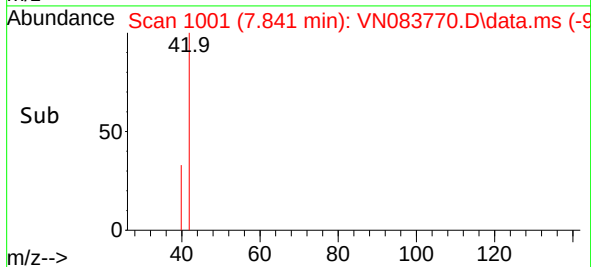
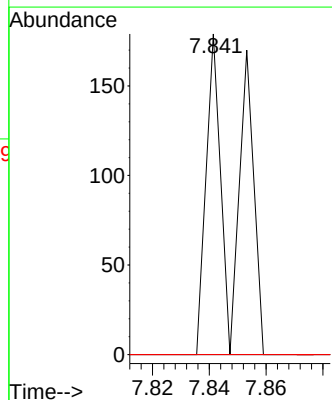
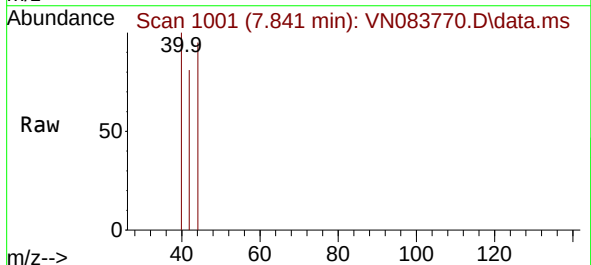
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MSVOA_N
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PB163204TB

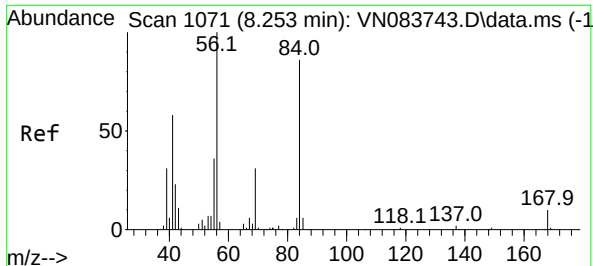
Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
72 26.6 20.8 31.2



#29
Tetrahydrofuran
Concen: 0.237 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

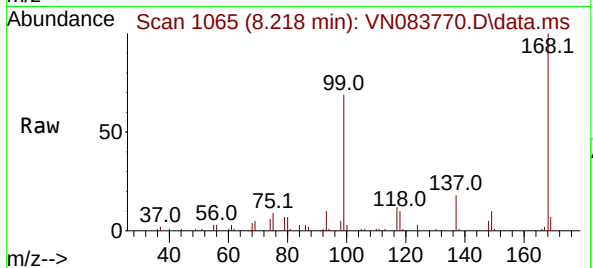
Tgt Ion: 42 Resp: 123
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 33.9 50.9#



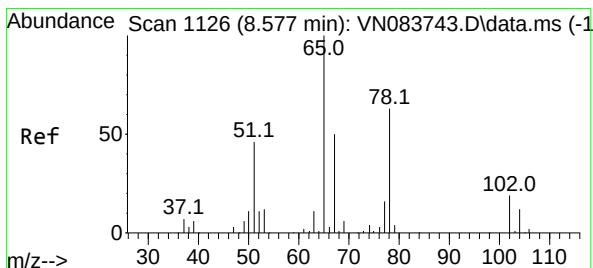
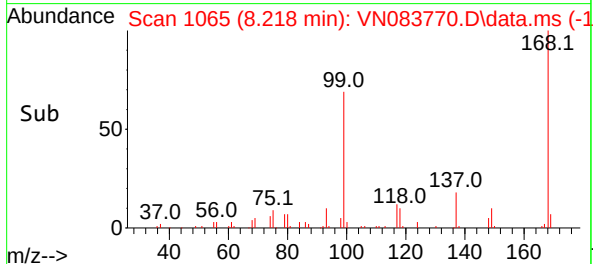
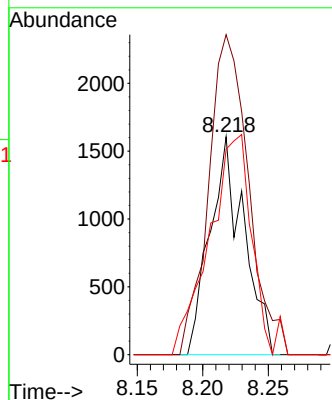


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

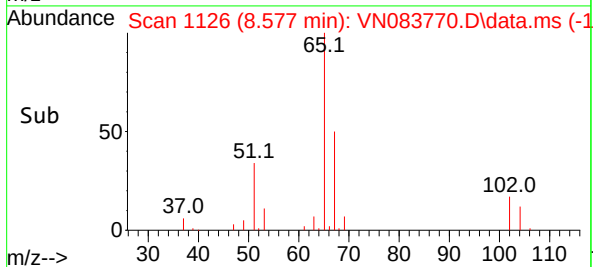
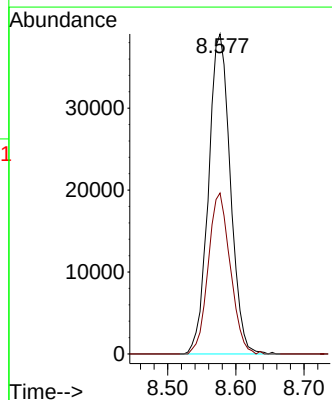
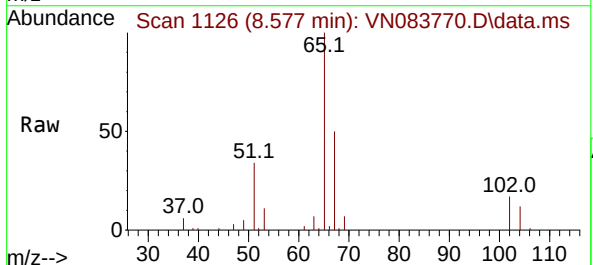


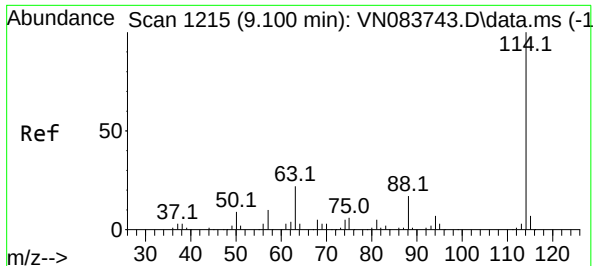
Tgt Ion: 56 Resp: 2896
Ion Ratio Lower Upper
56 100
69 146.8 26.9 40.3#
84 81.0 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 52.258 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 65 Resp: 87127
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

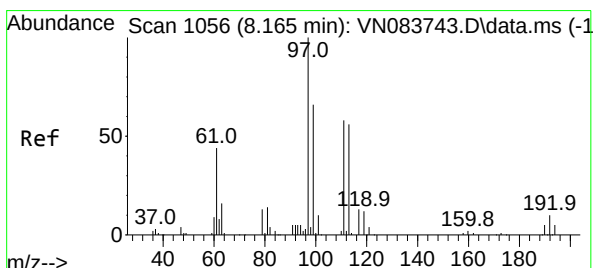
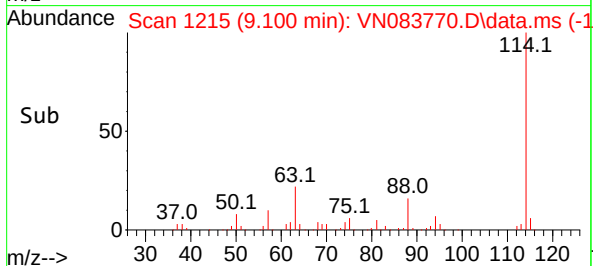
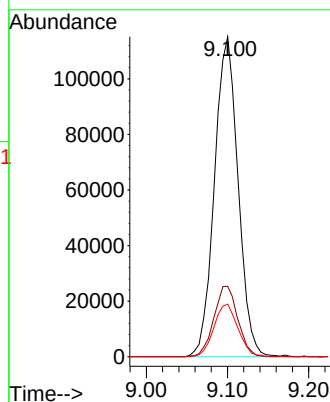
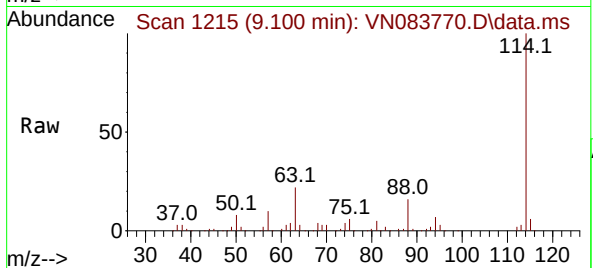
Tgt Ion:114 Resp: 232747

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.161 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

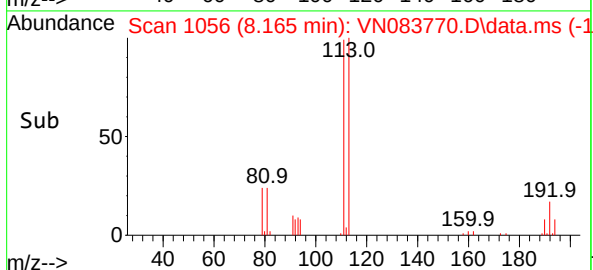
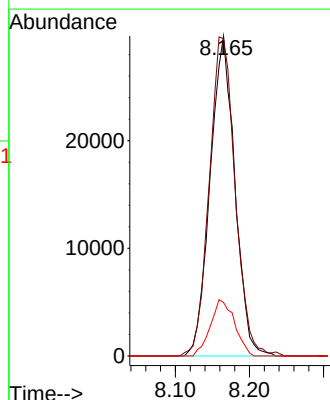
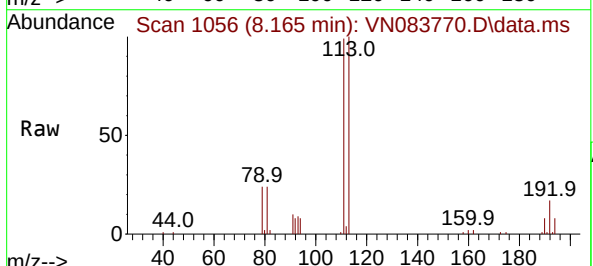
Tgt Ion:113 Resp: 68780

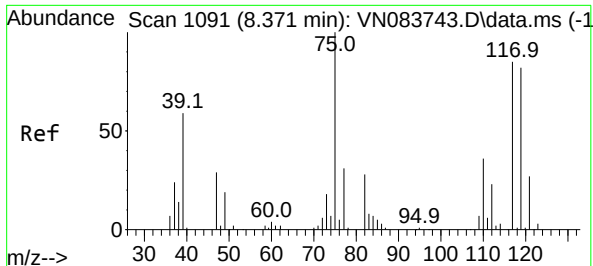
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.2 14.3 21.5

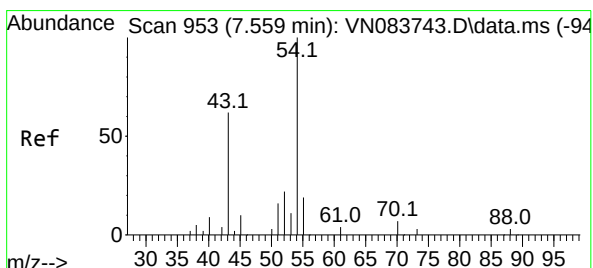
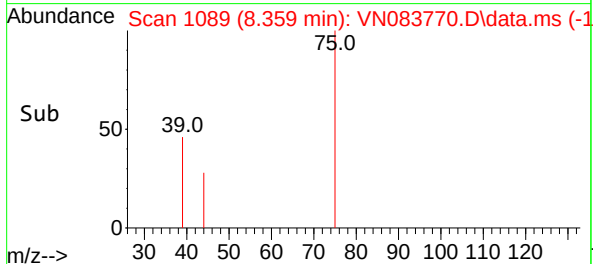
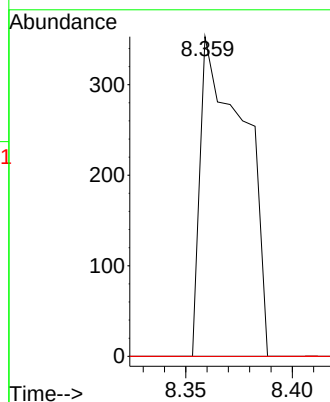
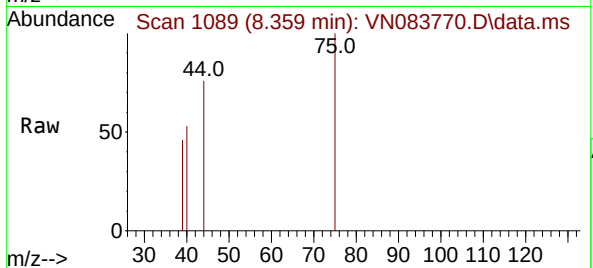




#36
1,1-Dichloropropene
Concen: 0.224 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.012 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

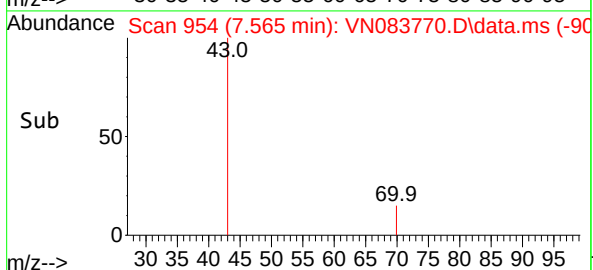
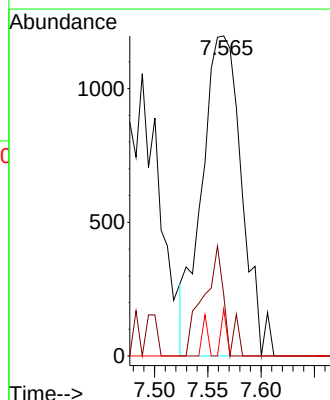
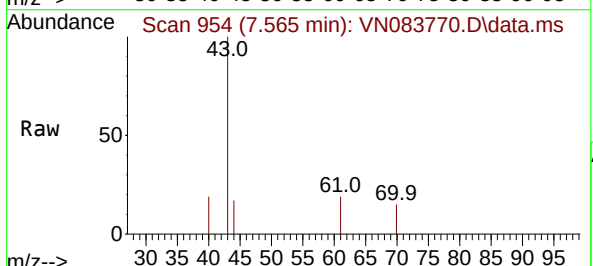
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

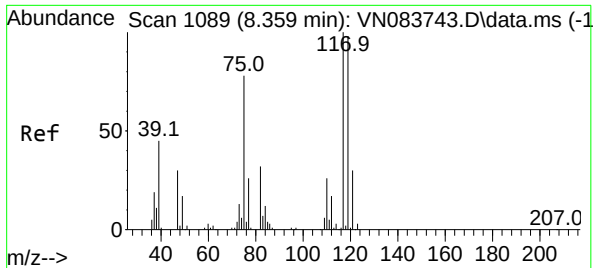
Tgt Ion: 75 Resp: 503
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.1#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 1.535 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

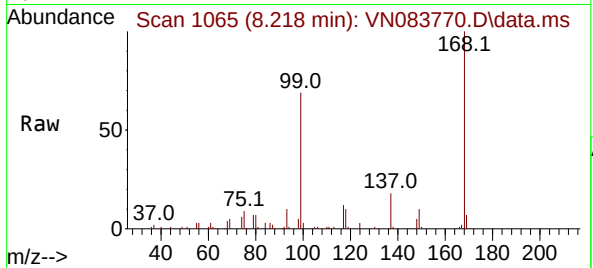
Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
61 18.6 11.1 16.7#
70 2.0 8.8 13.2#



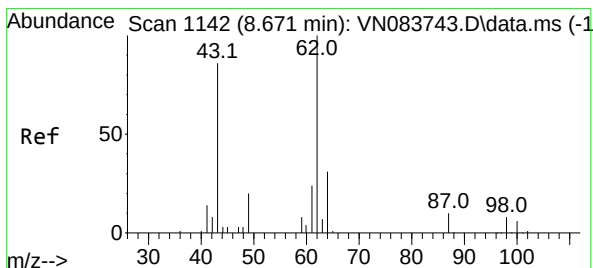
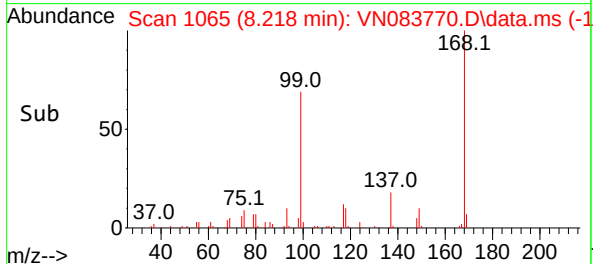
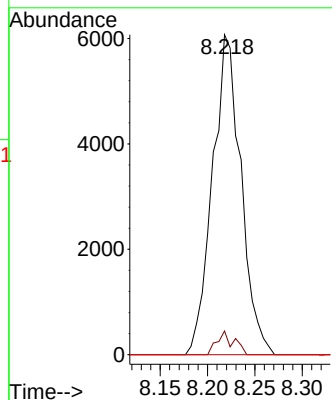


#38
Carbon Tetrachloride
Concen: 4.998 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

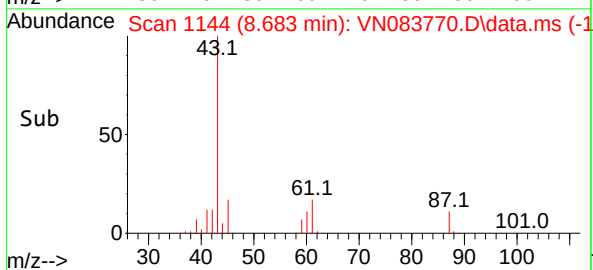
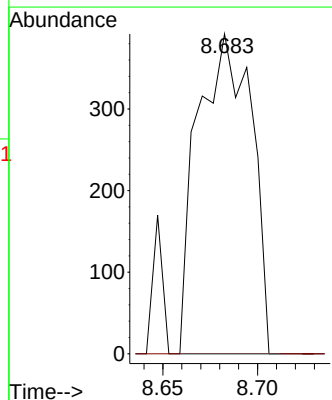
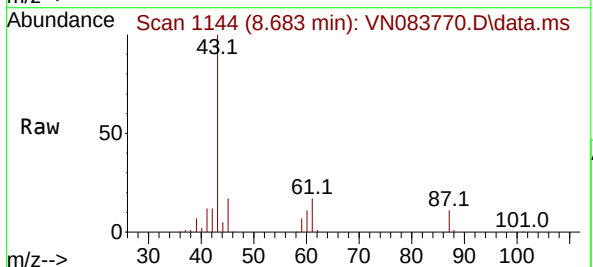


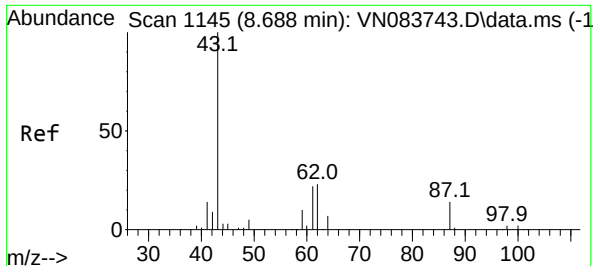
Tgt Ion:117 Resp: 12717
Ion Ratio Lower Upper
117 100
119 7.4 76.1 114.1#
121 0.0 24.1 36.1#



#42
1,2-Dichloroethane
Concen: 0.307 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 62 Resp: 774
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 56.691 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

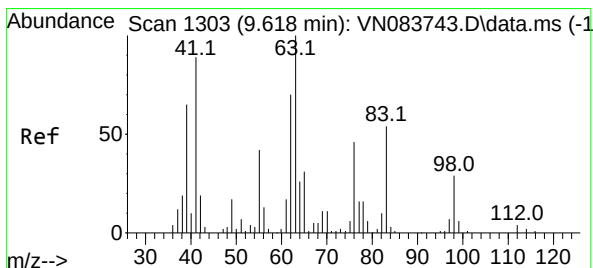
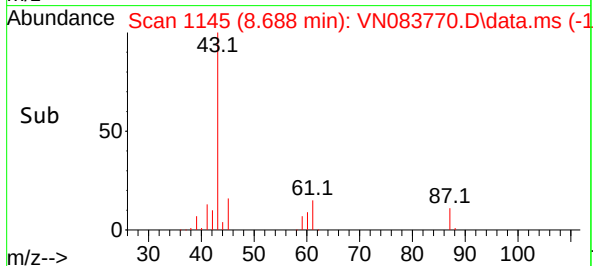
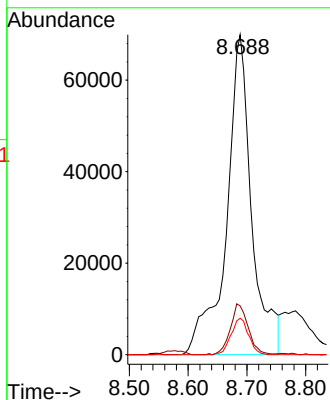
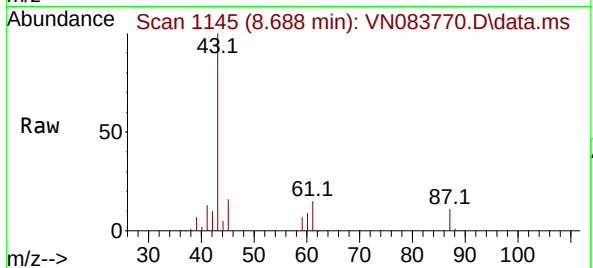
Tgt Ion: 43 Resp: 209131

Ion Ratio Lower Upper

43 100

61 11.2 19.4 29.0#

87 7.9 9.8 14.6#



#45

1,2-Dichloropropane

Concen: 0.770 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.124 min

Lab File: VN083770.D

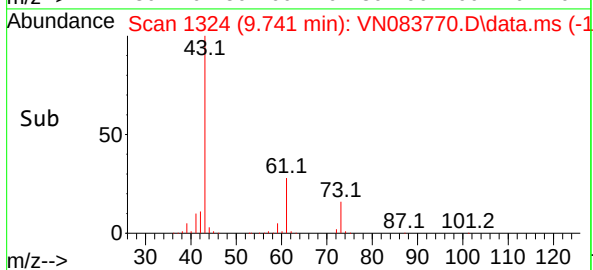
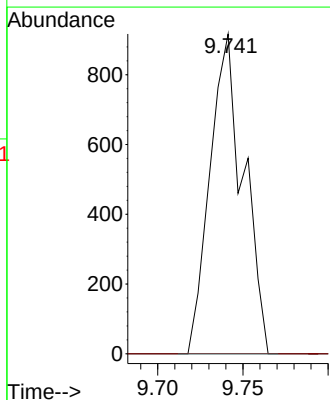
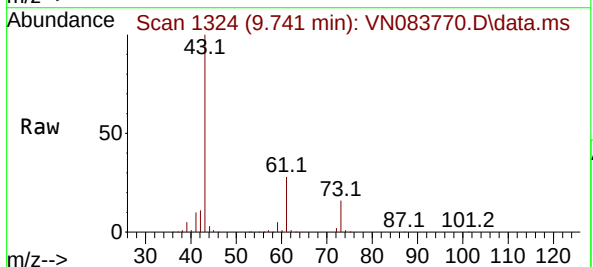
Acq: 11 Sep 2024 04:27

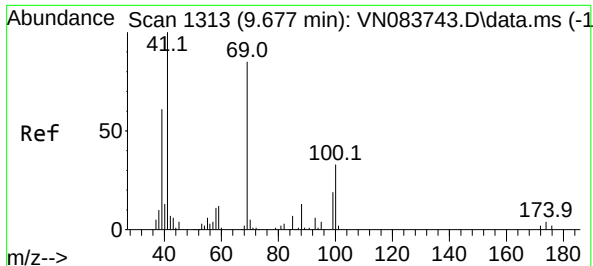
Tgt Ion: 63 Resp: 1257

Ion Ratio Lower Upper

63 100

65 0.0 25.9 38.9#

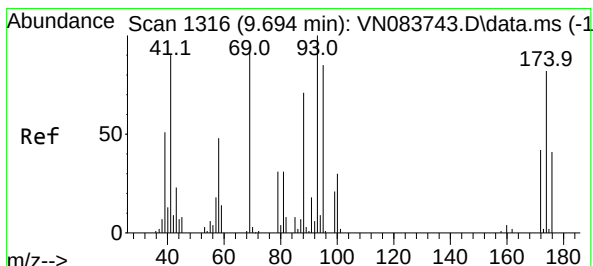
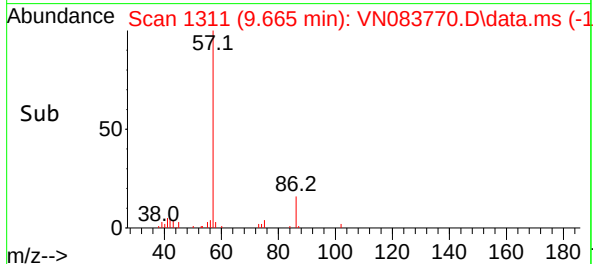
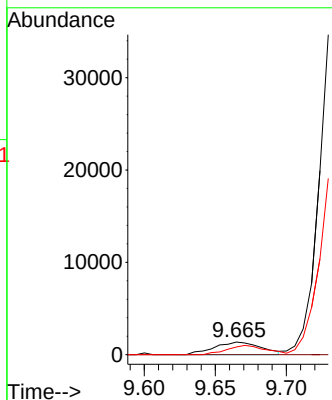
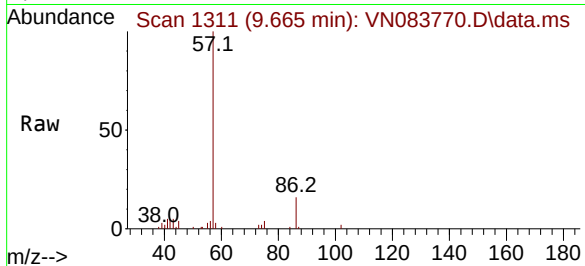




#48
Methyl methacrylate
Concen: 1.785 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

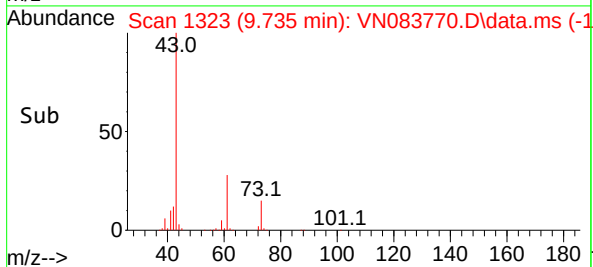
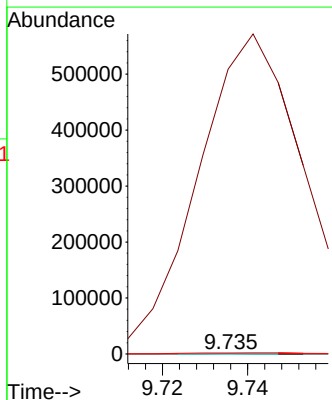
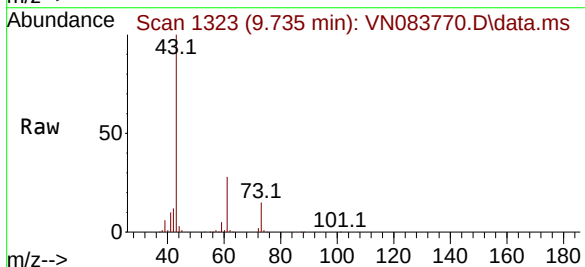
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

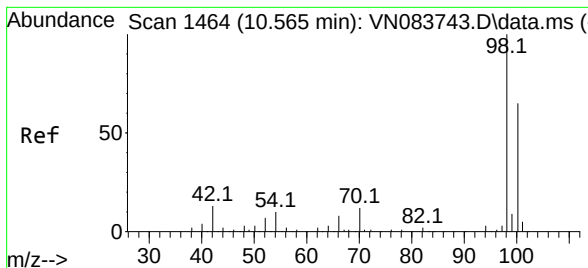
Tgt Ion: 41 Resp: 3124
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 61.7 48.9 73.3



#49
1,4-Dioxane
Concen: 2.153 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 1640664.5 0.0 0.0#
58 6721.0 57.1 85.7#

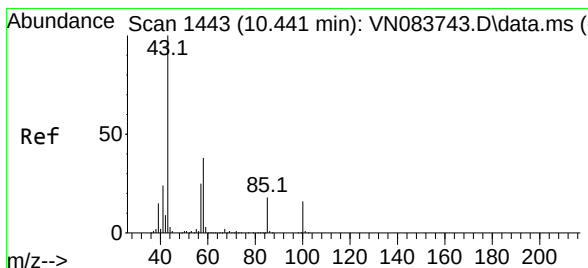
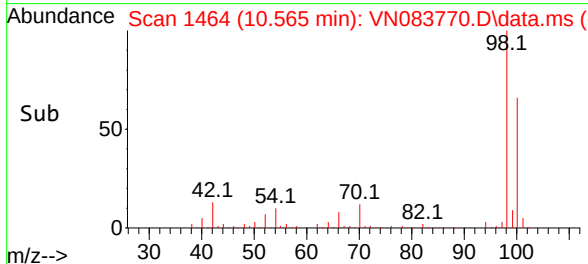
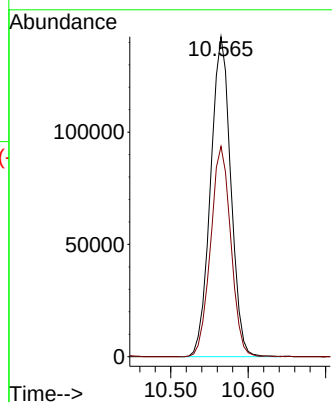
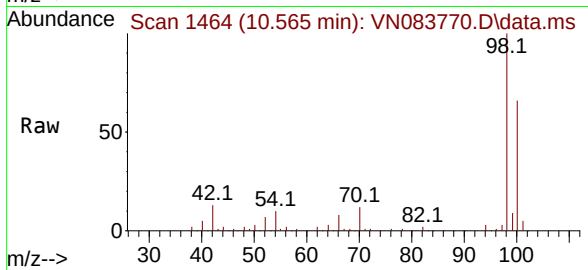




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

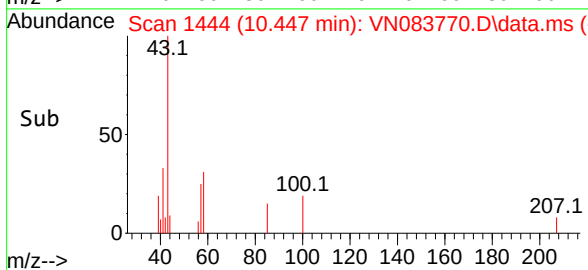
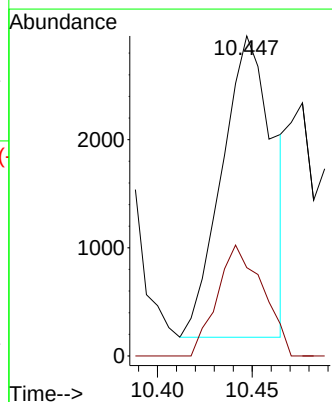
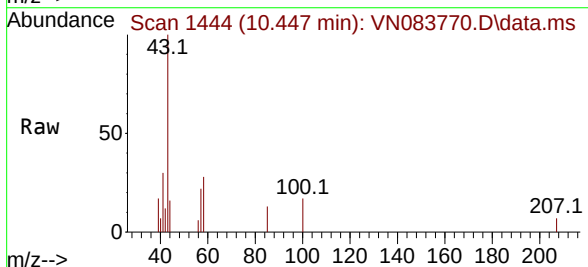
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

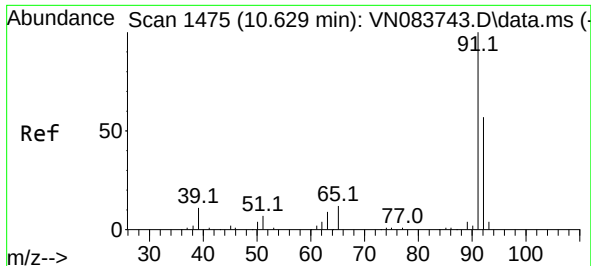
Tgt Ion: 98 Resp: 259119
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.607 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 43 Resp: 5235
Ion Ratio Lower Upper
43 100
58 32.8 31.6 47.4

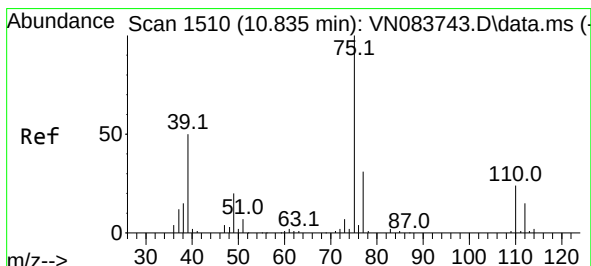
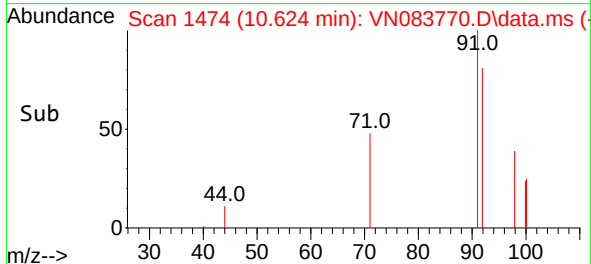
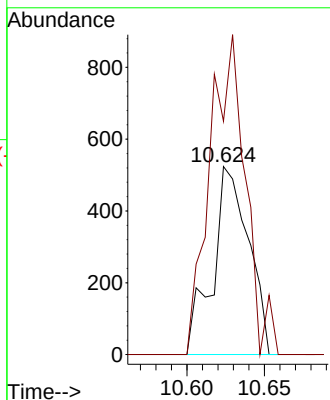
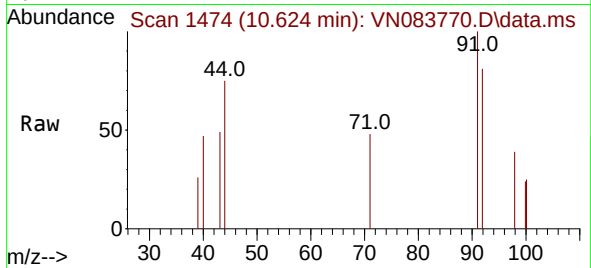




#52
Toluene
Concen: 0.205 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

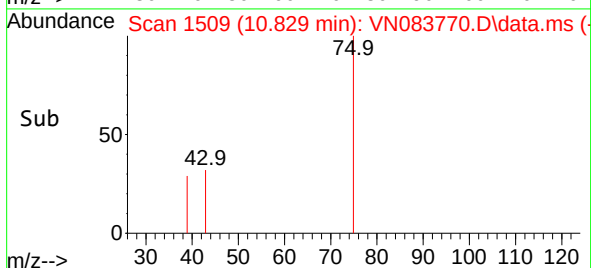
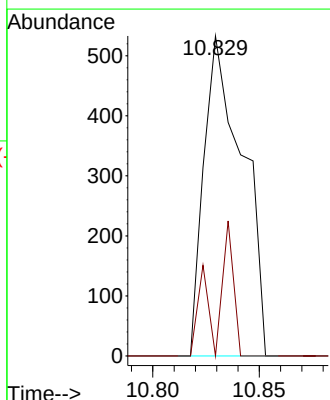
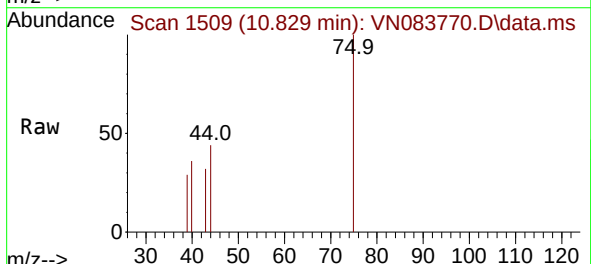
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

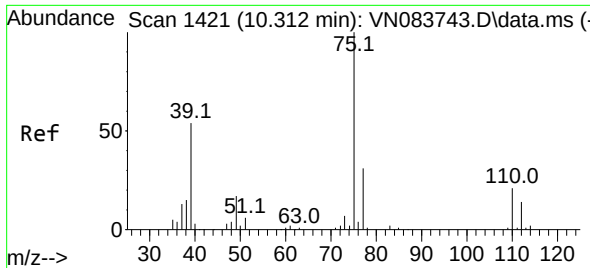
Tgt Ion: 92 Resp: 846
Ion Ratio Lower Upper
92 100
91 168.0 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.267 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#

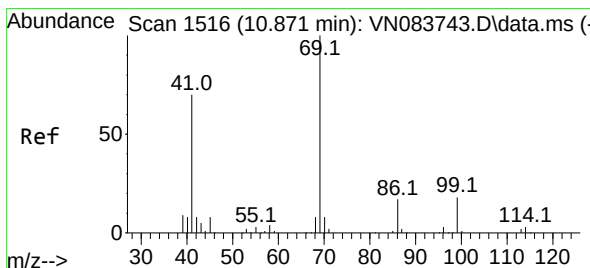
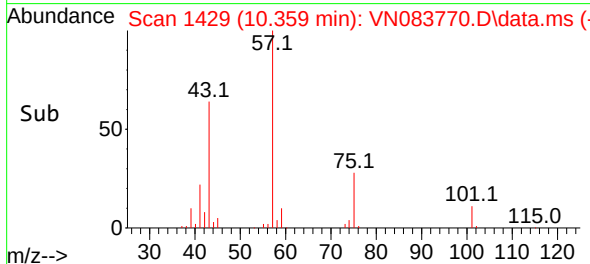
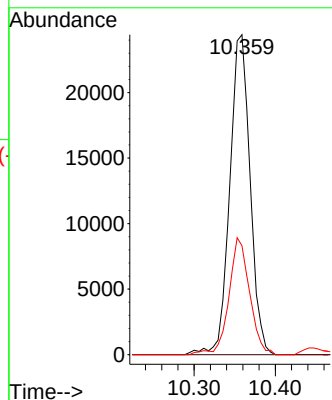
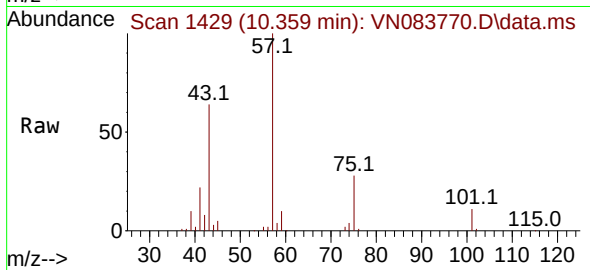




#54
 cis-1,3-Dichloropropene
 Concen: 16.131 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

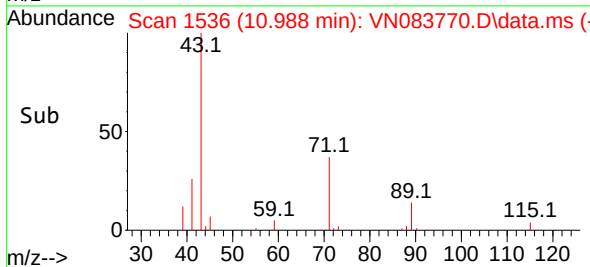
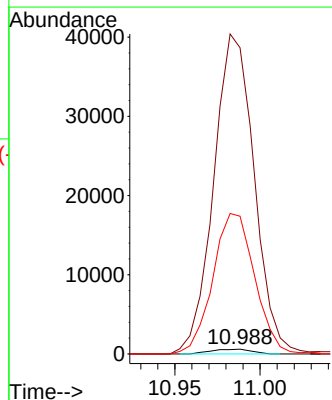
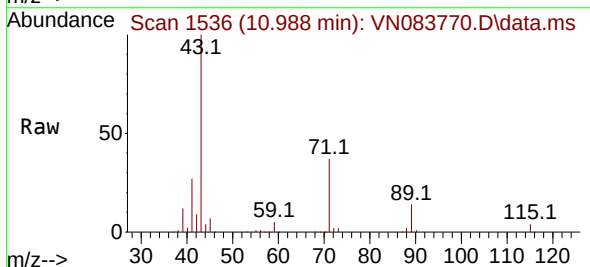
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204TB

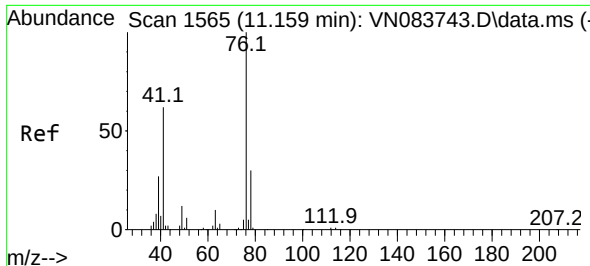
Tgt Ion: 75 Resp: 42478
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 34.1 42.6 64.0#



#56
 Ethyl methacrylate
 Concen: 0.418 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.118 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

Tgt Ion: 69 Resp: 991
 Ion Ratio Lower Upper
 69 100
 41 6774.4 53.9 80.9#
 39 3064.2 32.6 48.8#





#57

1,3-Dichloropropane

Concen: 2.104 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

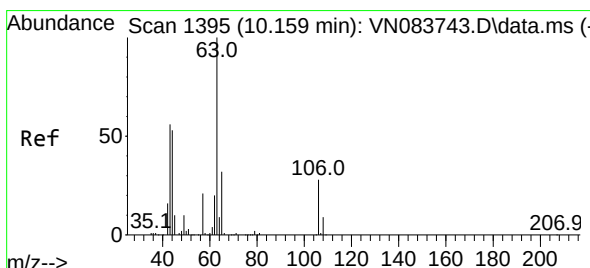
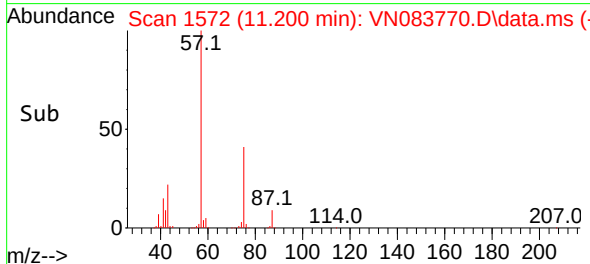
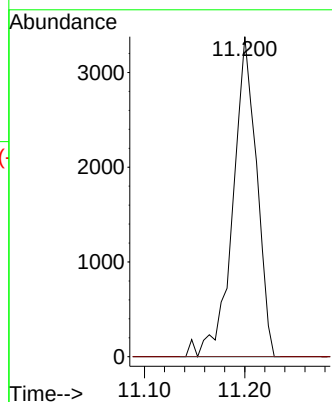
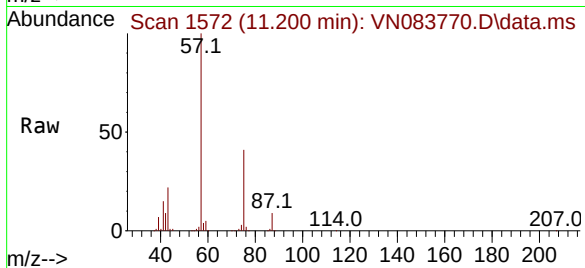
PB163204TB

Tgt Ion: 76 Resp: 5575

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 0.928 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083770.D

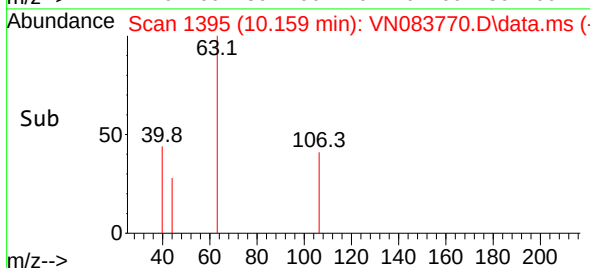
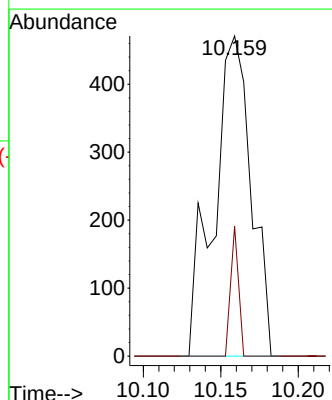
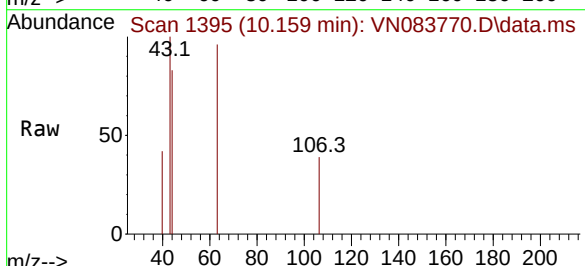
Acq: 11 Sep 2024 04:27

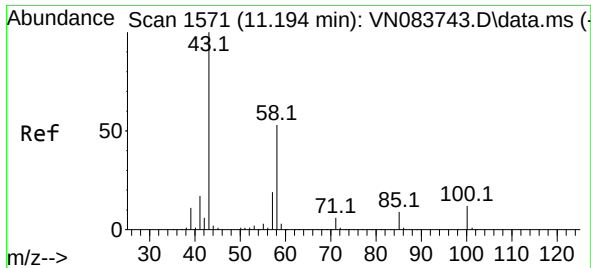
Tgt Ion: 63 Resp: 793

Ion Ratio Lower Upper

63 100

106 8.4 23.3 34.9#

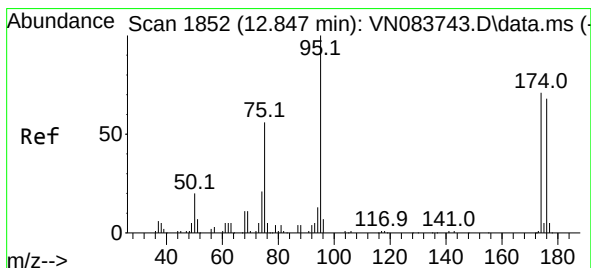
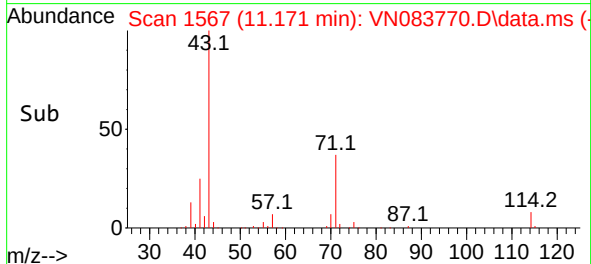
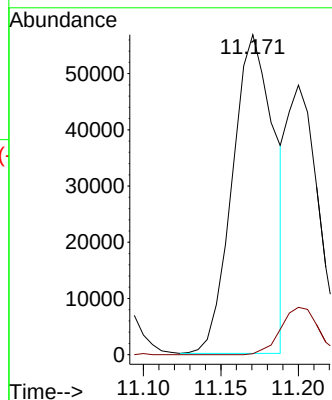
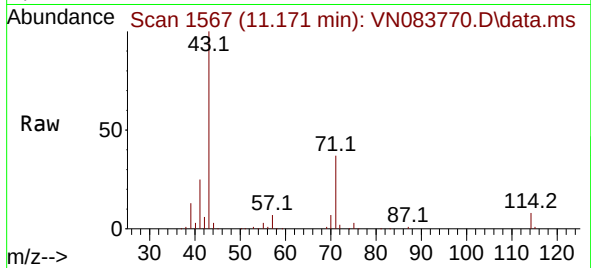




#59
2-Hexanone
Concen: 71.885 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

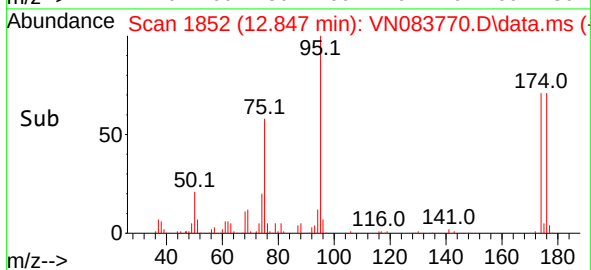
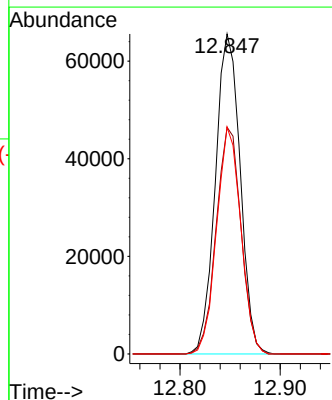
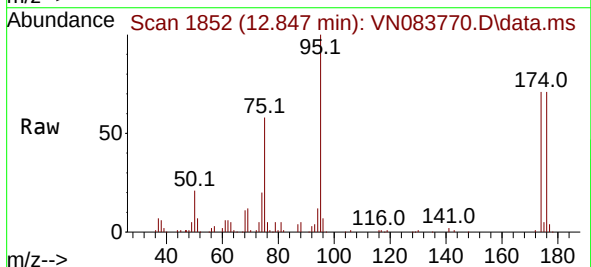
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

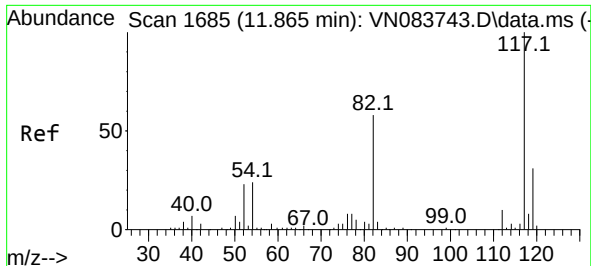
Tgt Ion: 43 Resp: 106780
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 95 Resp: 112637
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 69.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

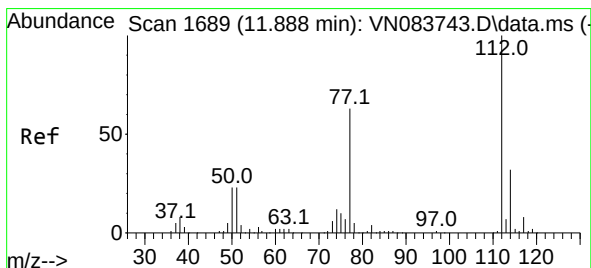
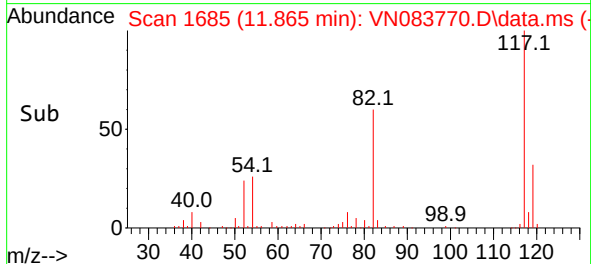
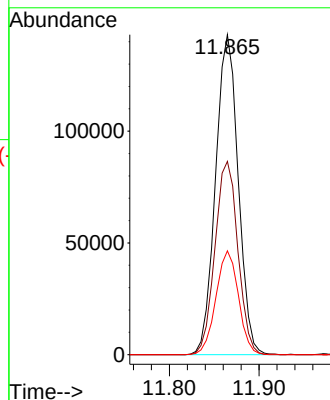
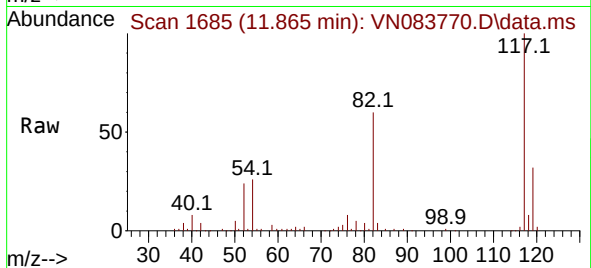
Tgt Ion:117 Resp: 251077

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.0

119 32.5 26.3 39.5



#65

Chlorobenzene

Concen: 0.314 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN083770.D

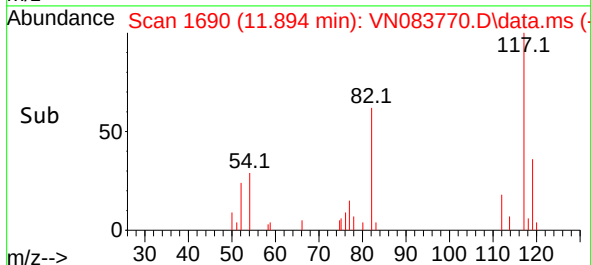
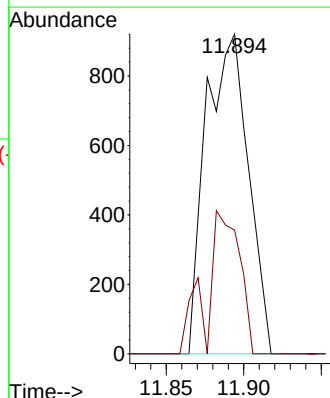
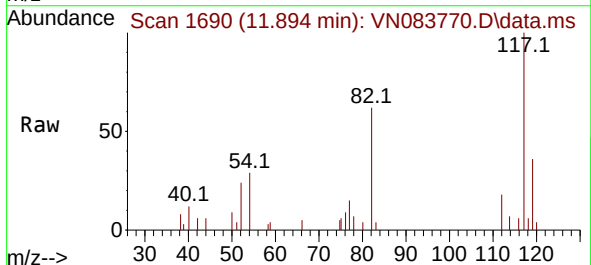
Acq: 11 Sep 2024 04:27

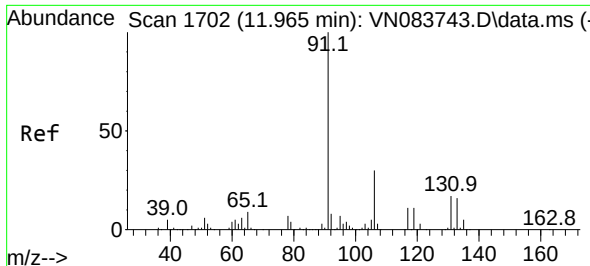
Tgt Ion:112 Resp: 1753

Ion Ratio Lower Upper

112 100

114 38.7 25.7 38.5#

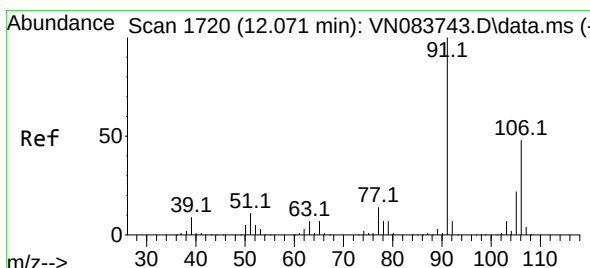
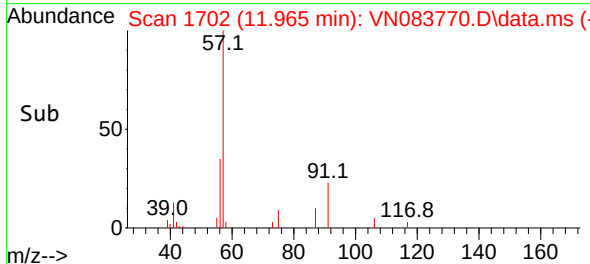
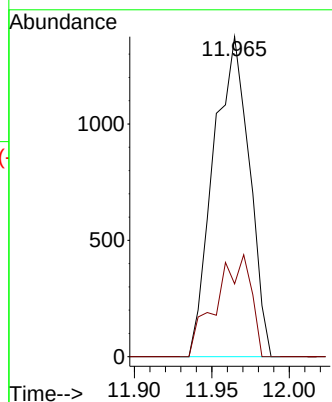
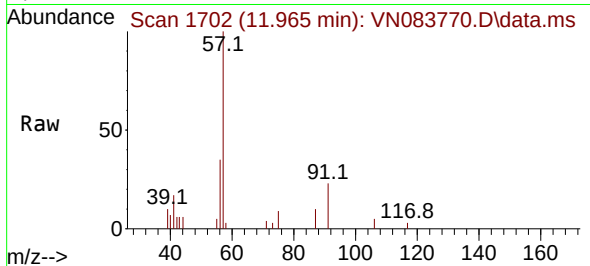




#67
Ethyl Benzene
Concen: 0.223 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

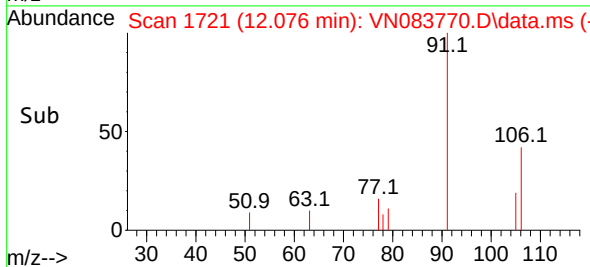
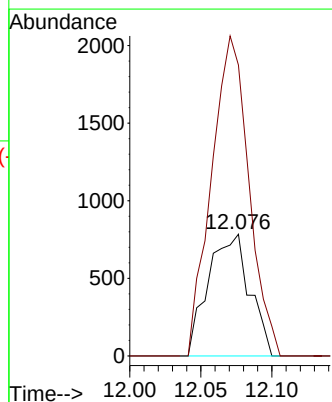
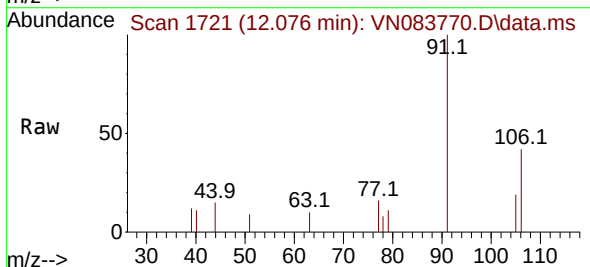
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

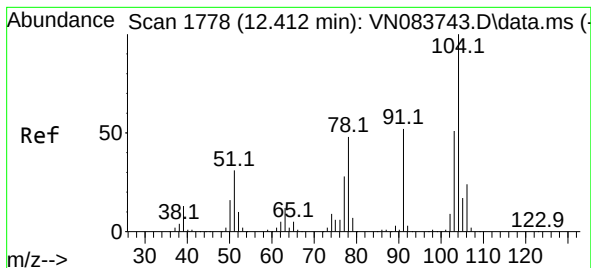
Tgt Ion: 91 Resp: 2211
Ion Ratio Lower Upper
91 100
106 22.8 24.3 36.5#



#68
m/p-Xylenes
Concen: 0.432 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 106 Resp: 1590
Ion Ratio Lower Upper
106 100
91 238.2 169.2 253.8





#70

Styrene

Concen: 0.339 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

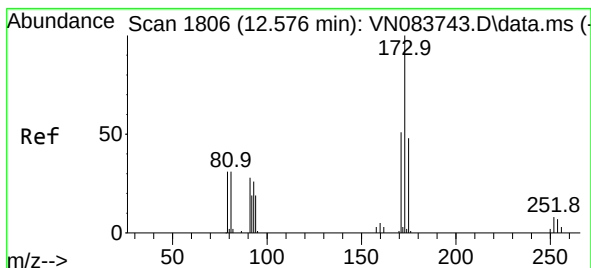
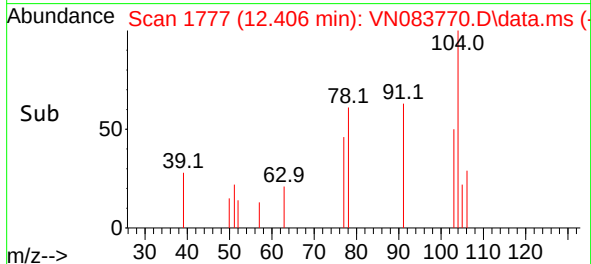
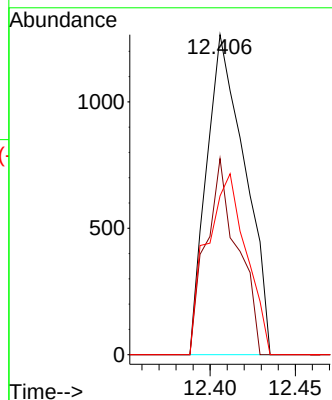
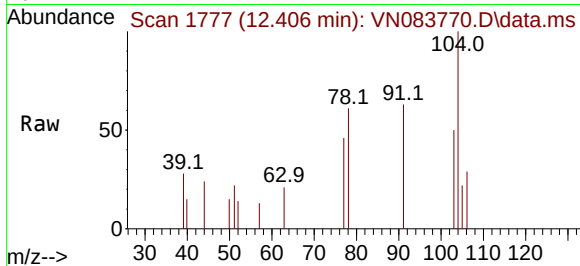
Tgt Ion:104 Resp: 1981

Ion Ratio Lower Upper

104 100

78 50.6 43.3 64.9

103 58.3 43.4 65.2



#71

Bromoform

Concen: 0.233 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

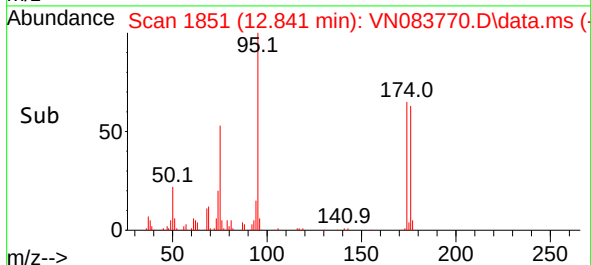
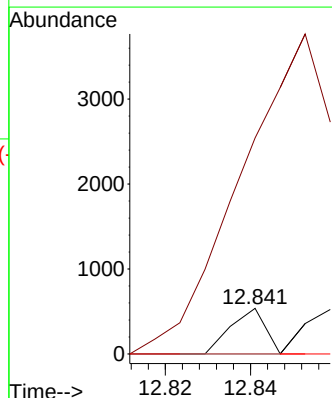
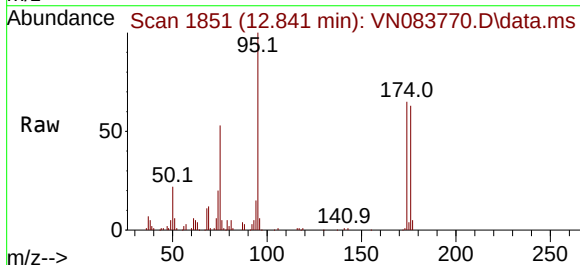
Tgt Ion:173 Resp: 304

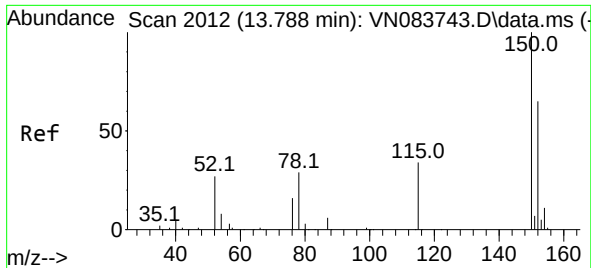
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0

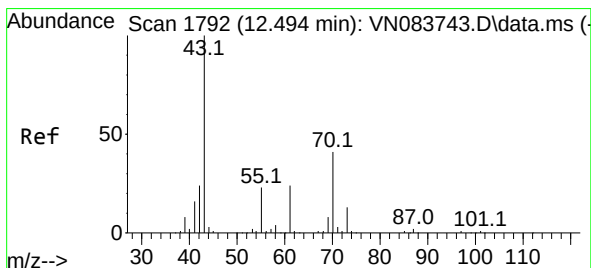
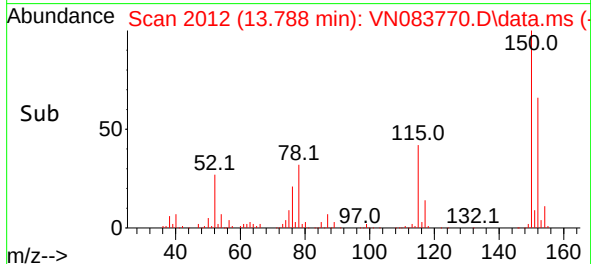
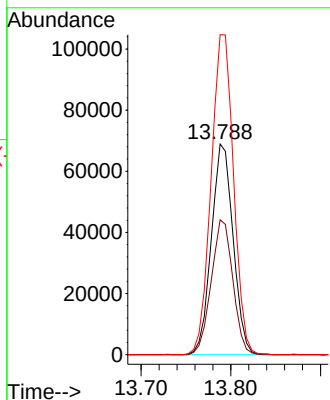
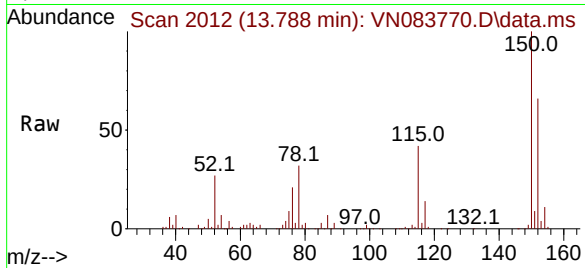




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

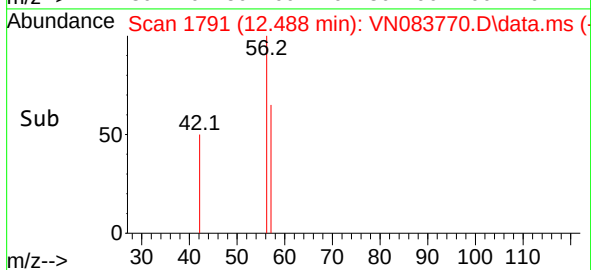
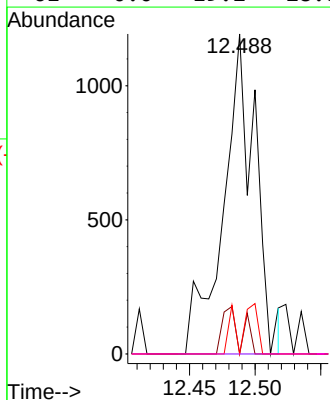
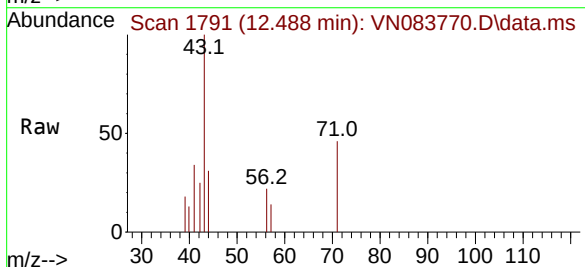
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

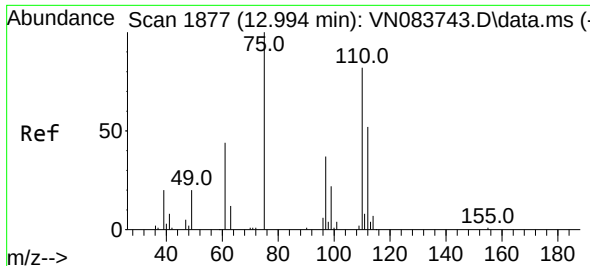
Tgt Ion:152 Resp: 116130
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 156.6 0.0 348.6



#74
N-ethyl acetate
Concen: 0.524 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
70 8.5 34.5 51.7#
55 9.4 18.6 28.0#
61 0.0 19.2 28.8#

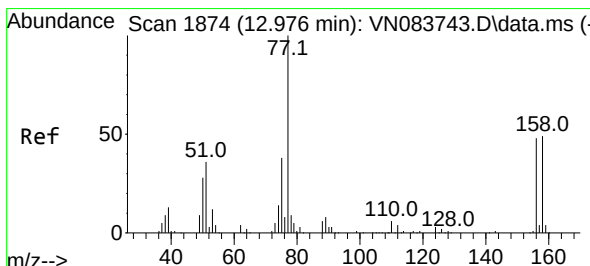
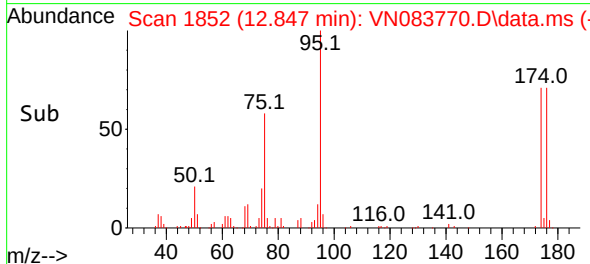
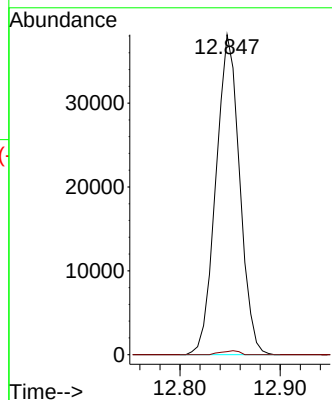
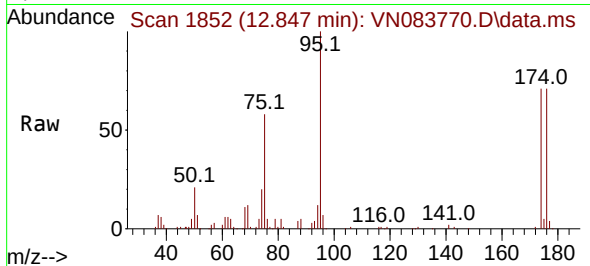




#76
1,2,3-Trichloropropane
Concen: 26.773 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

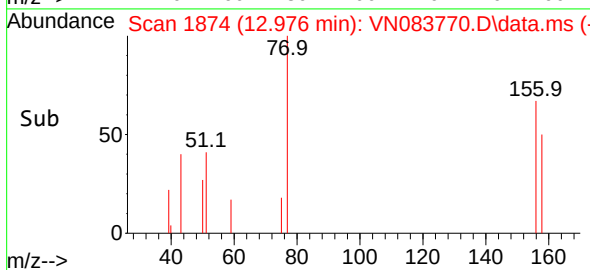
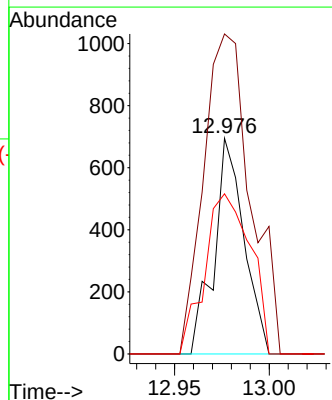
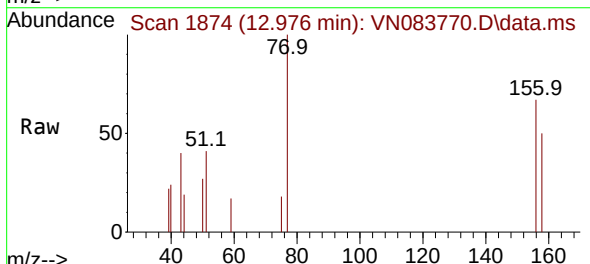
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

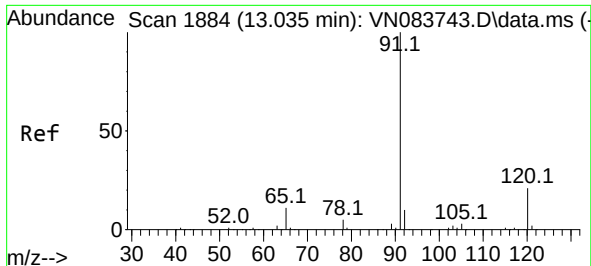
Tgt Ion: 75 Resp: 62736
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#77
Bromobenzene
Concen: 0.353 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion:156 Resp: 763
Ion Ratio Lower Upper
156 100
77 232.6 114.3 343.1
158 113.1 48.9 146.7

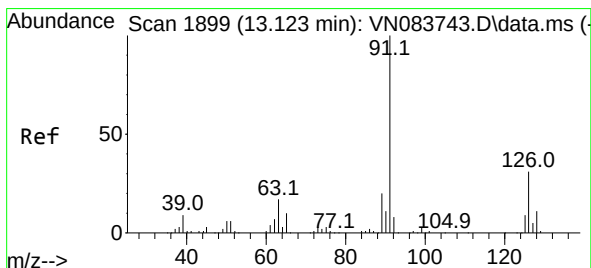
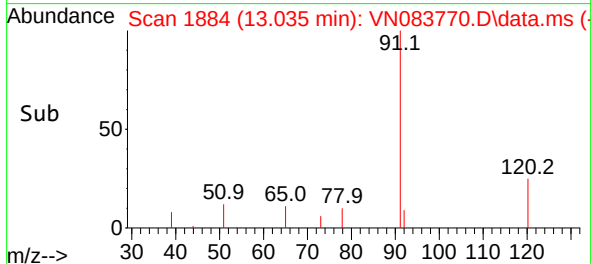
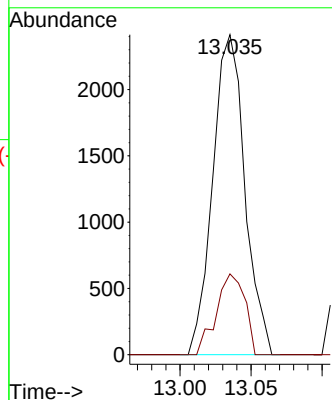
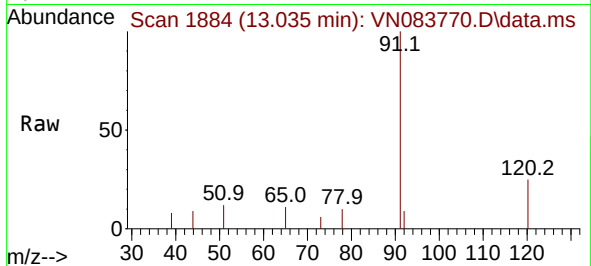




#78
n-propylbenzene
Concen: 0.363 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

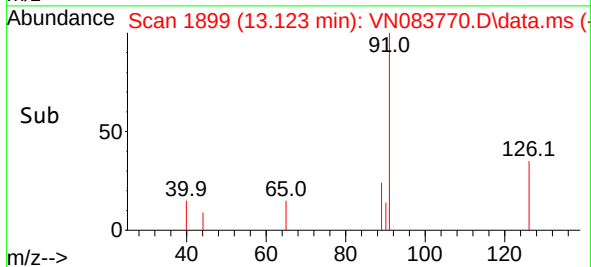
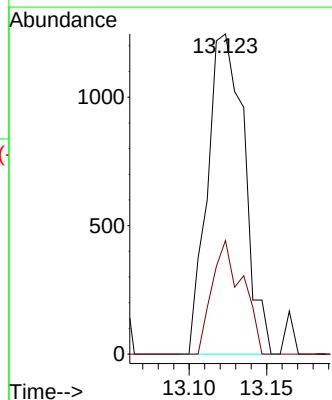
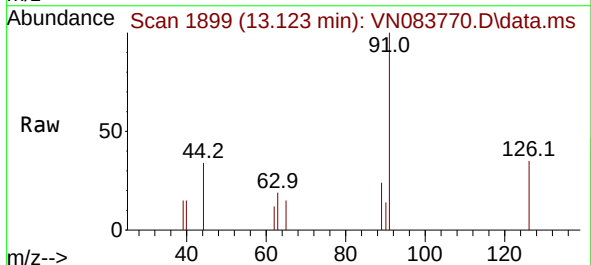
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

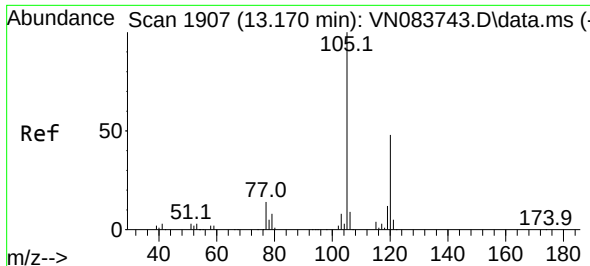
Tgt Ion: 91 Resp: 3795
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.309 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 91 Resp: 2062
Ion Ratio Lower Upper
91 100
126 29.3 15.4 46.2

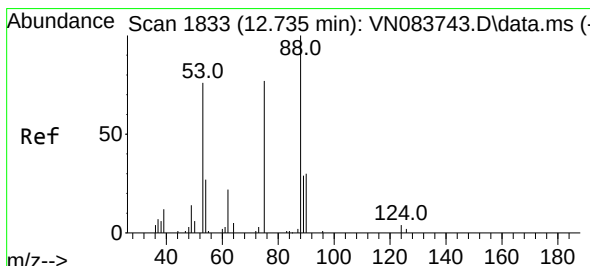
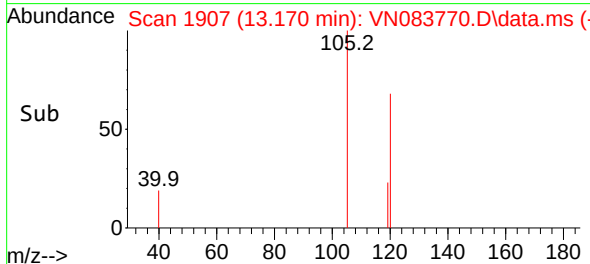
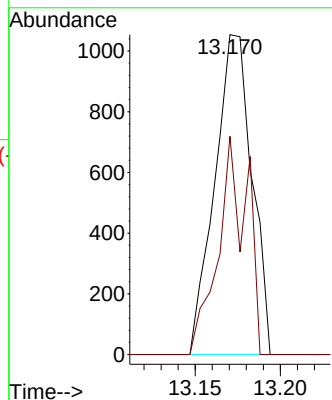
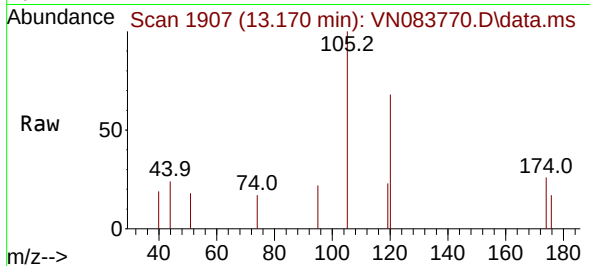




#80
 1,3,5-Trimethylbenzene
 Concen: 0.211 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

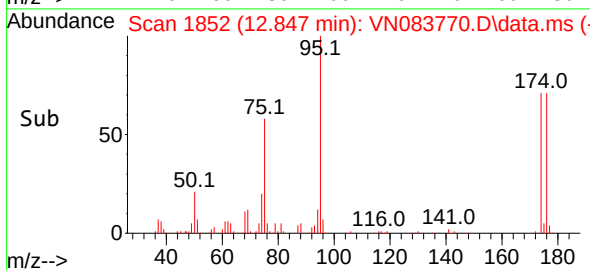
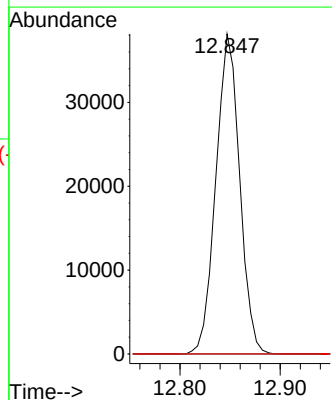
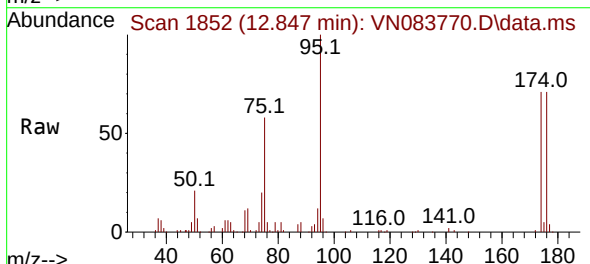
Instrument :
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 ClientSampleId :
 PB163204TB

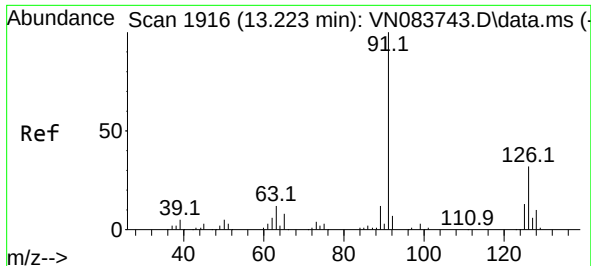
Tgt Ion:105 Resp: 1599
 Ion Ratio Lower Upper
 105 100
 120 53.0 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.120 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

Tgt Ion: 75 Resp: 62736
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

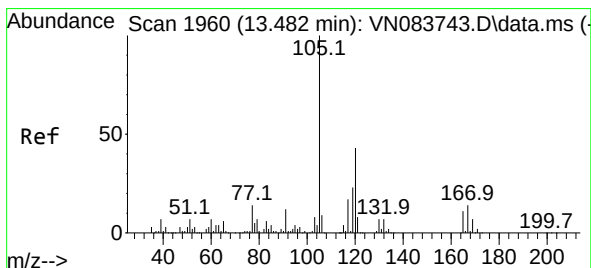
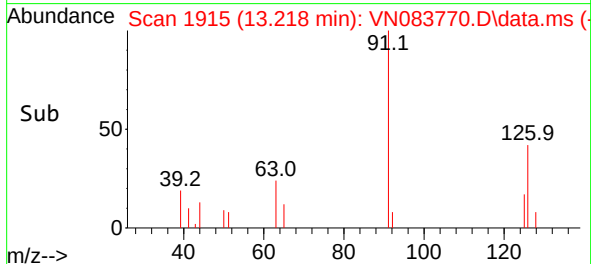
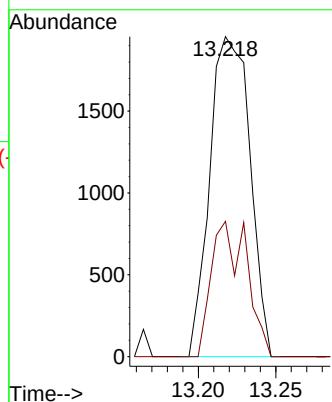
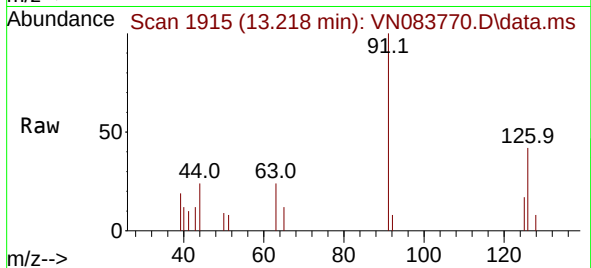




#82
4-Chlorotoluene
Concen: 0.527 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

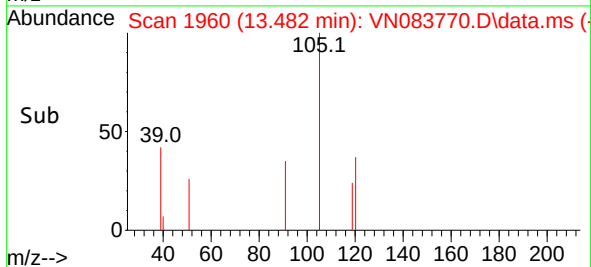
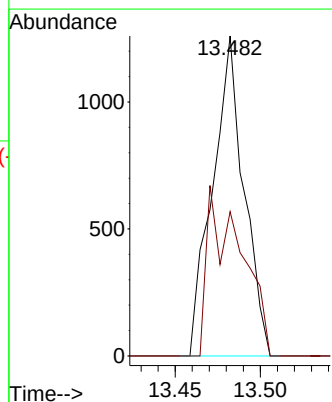
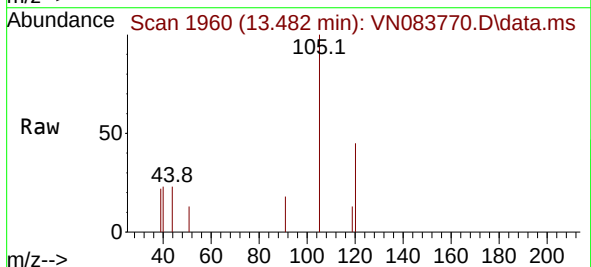
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

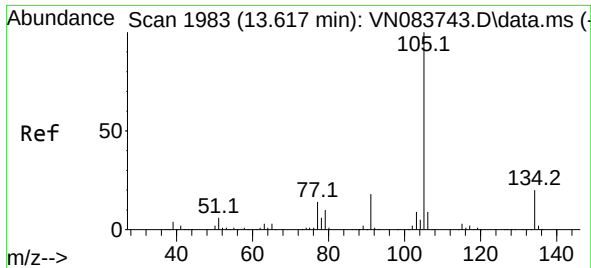
Tgt Ion: 91 Resp: 3523
Ion Ratio Lower Upper
91 100
126 37.2 15.4 46.2



#84
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 105 Resp: 1620
Ion Ratio Lower Upper
105 100
120 57.2 21.8 65.4

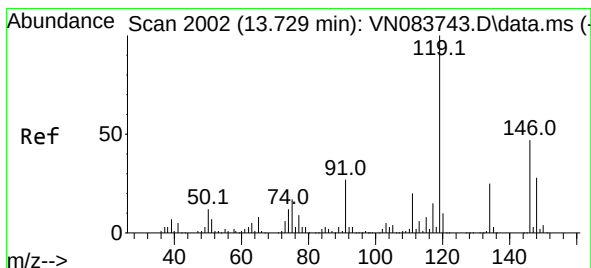
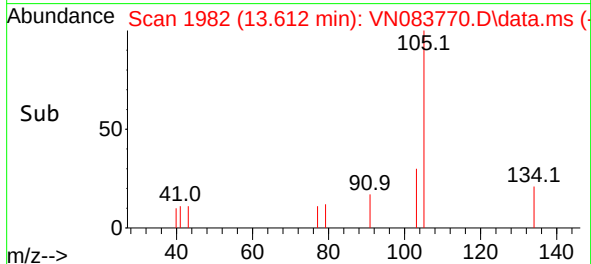
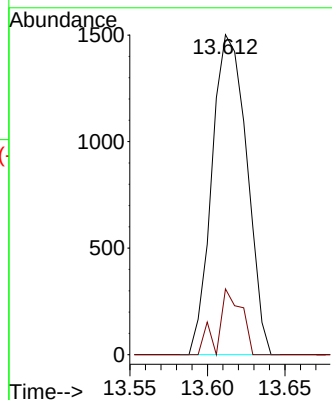
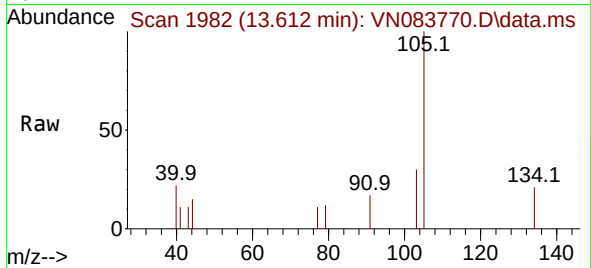




#85
 sec-Butylbenzene
 Concen: 0.267 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

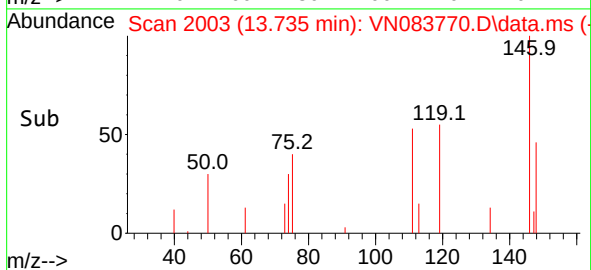
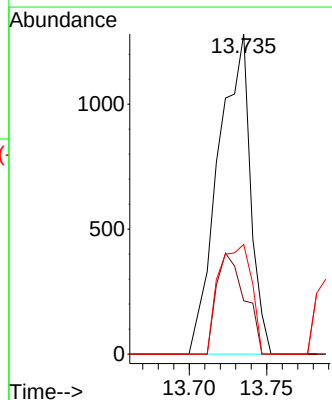
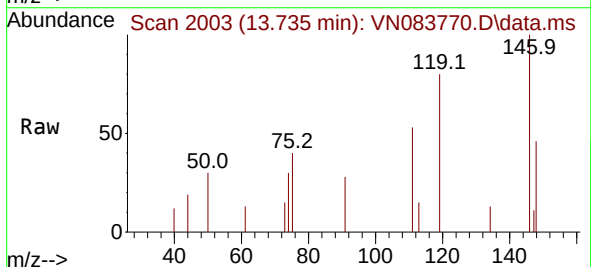
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204TB

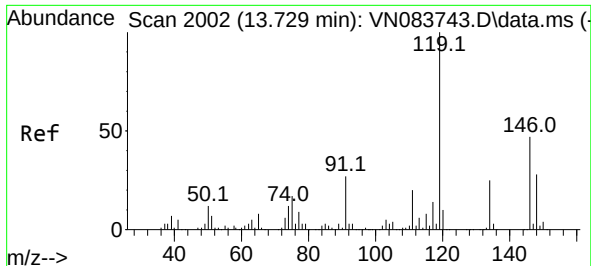
Tgt Ion:105 Resp: 2351
 Ion Ratio Lower Upper
 105 100
 134 13.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.250 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

Tgt Ion:119 Resp: 1845
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.8 38.3
 91 34.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.652 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

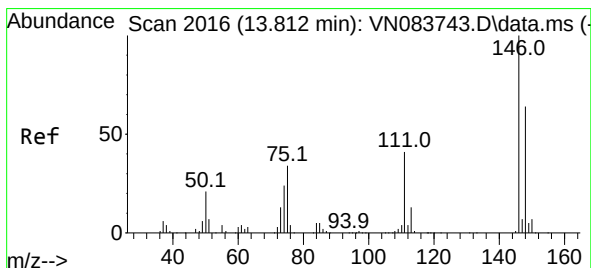
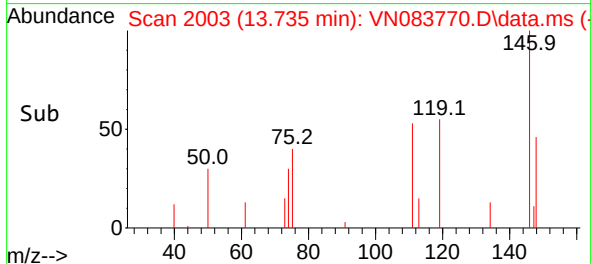
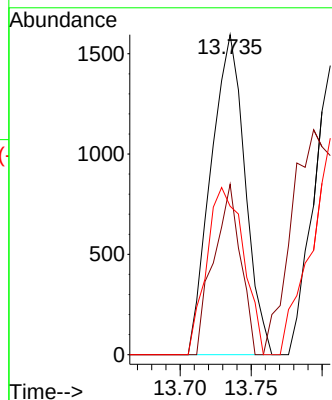
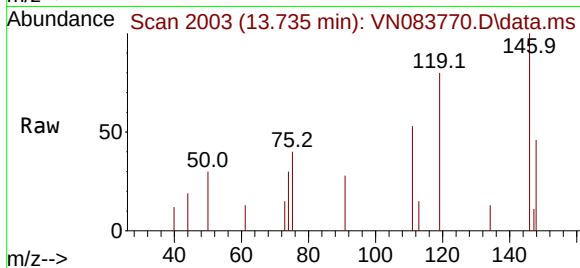
Tgt Ion:146 Resp: 2663

Ion Ratio Lower Upper

146 100

111 41.9 21.7 65.1

148 56.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.644 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.076 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

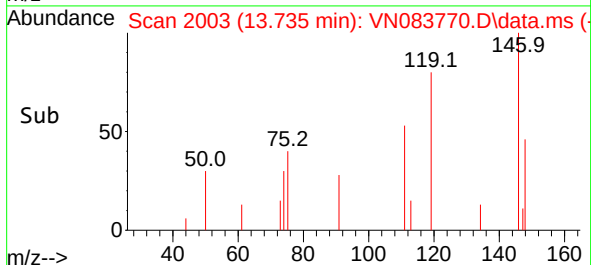
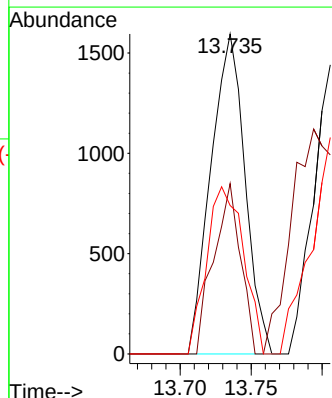
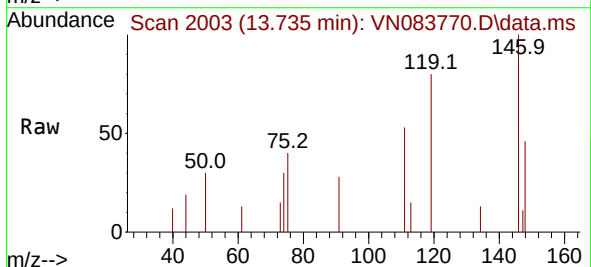
Tgt Ion:146 Resp: 2663

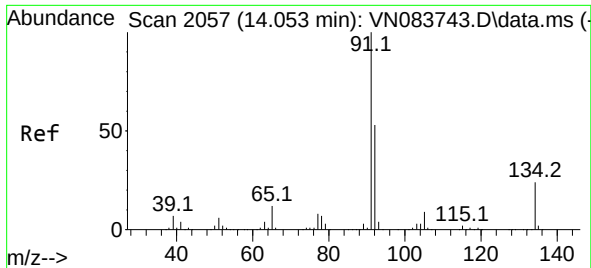
Ion Ratio Lower Upper

146 100

111 41.9 21.3 64.0

148 56.6 32.0 96.2

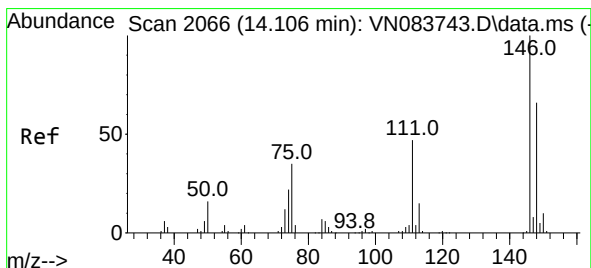
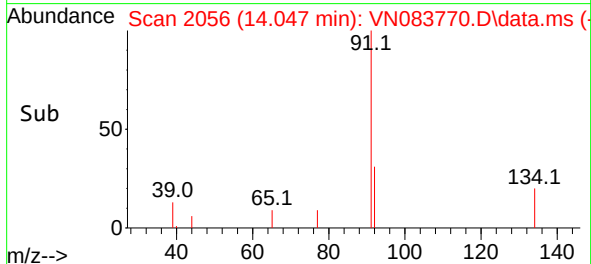
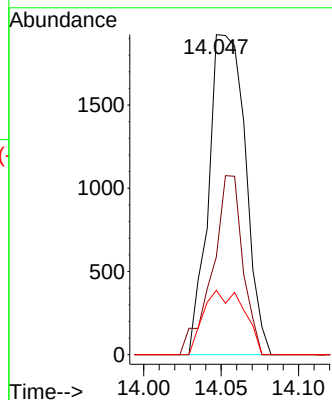
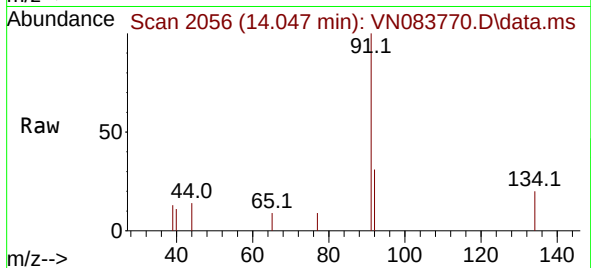




#89
n-Butylbenzene
Concen: 0.479 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

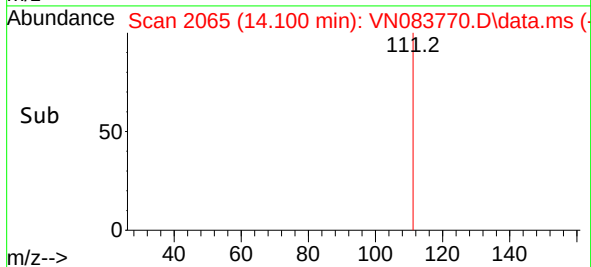
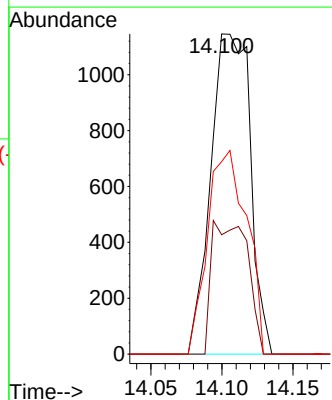
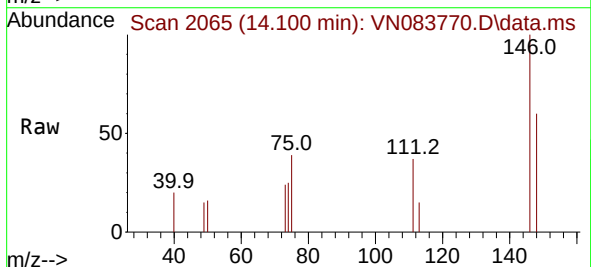
Instrument :
MSVOA_N
ClientSampleId :
PB163204TB

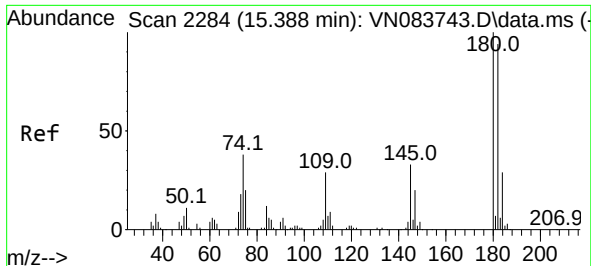
Tgt Ion: 91	Resp:	3170
Ion	Ratio	Lower Upper
91	100	
92	46.2	26.7 80.1
134	22.1	12.2 36.4



#91
1,2-Dichlorobenzene
Concen: 0.563 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN083770.D
Acq: 11 Sep 2024 04:27

Tgt Ion: 146	Resp:	2216
Ion	Ratio	Lower Upper
146	100	
111	37.8	22.8 68.3
148	63.3	32.1 96.5

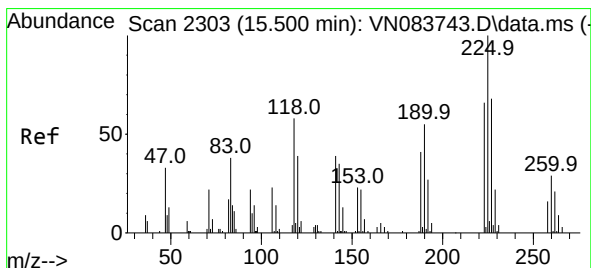
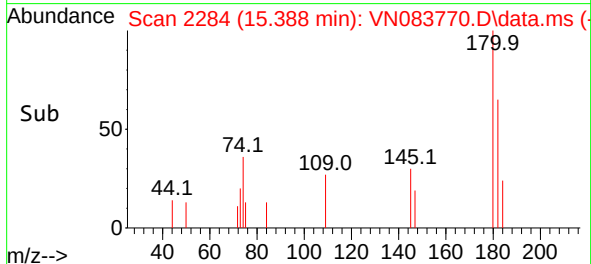
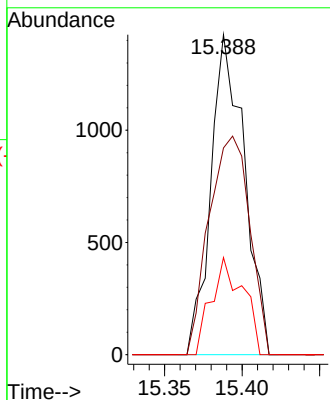
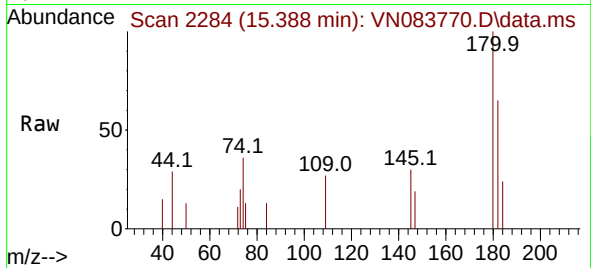




#93
 1,2,4-Trichlorobenzene
 Concen: 1.012 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

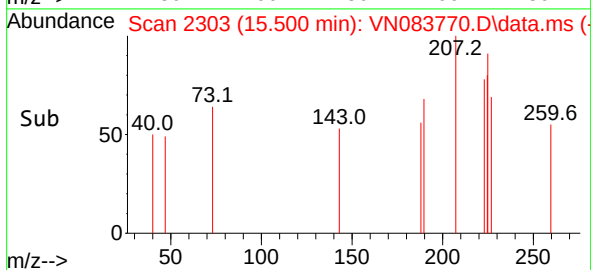
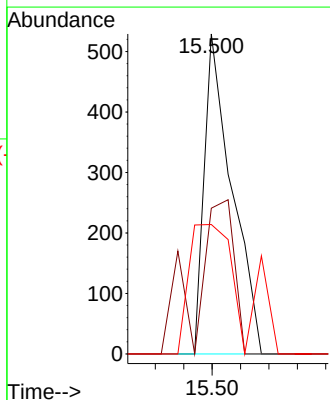
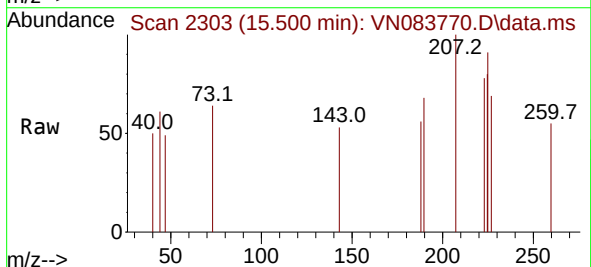
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204TB

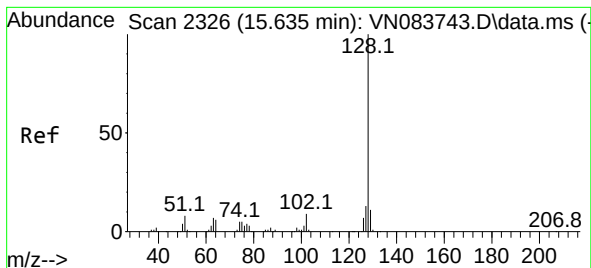
Tgt Ion:180 Resp: 2140
 Ion Ratio Lower Upper
 180 100
 182 83.1 48.1 144.3
 145 28.9 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 0.397 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083770.D
 Acq: 11 Sep 2024 04:27

Tgt Ion:225 Resp: 356
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.9 95.5
 227 77.2 32.0 96.2





#95

Naphthalene

Concen: 0.968 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Instrument :

MSVOA_N

ClientSampleId :

PB163204TB

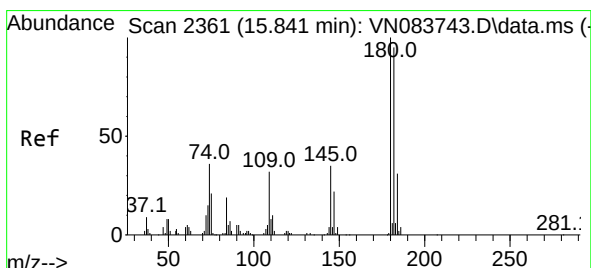
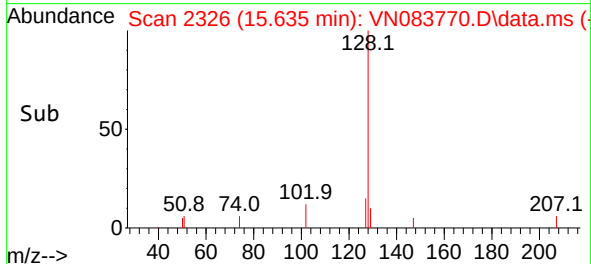
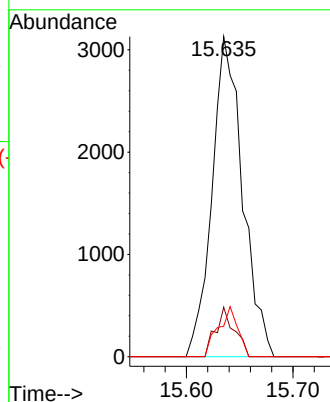
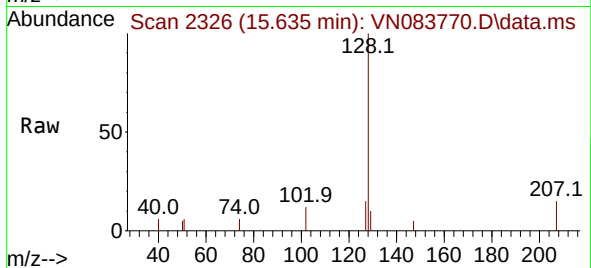
Tgt Ion:128 Resp: 6225

Ion Ratio Lower Upper

128 100

127 9.4 10.2 15.2#

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.100 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083770.D

Acq: 11 Sep 2024 04:27

Tgt Ion:180 Resp: 2223

Ion Ratio Lower Upper

180 100

182 87.9 47.1 141.4

145 18.2 17.8 53.5

