

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083766.D
 Acq On : 11 Sep 2024 02:51
 Operator : JC\MD
 Sample : VN0910MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL03

Quant Time: Sep 11 05:16:06 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	8.218	168	112339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88179	52.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.120%			
35) Dibromofluoromethane	8.165	113	68528	45.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.080%			
50) Toluene-d8	10.565	98	251987	48.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.860%			
62) 4-Bromofluorobenzene	12.847	95	106661	49.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.380%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	879	Below Cal	#	41
5) Bromomethane	2.901	94	561	0.683	ug/l #	80
6) Chloroethane	3.148	64	975	0.983	ug/l #	45
11) Tert butyl alcohol	5.524	59	56	0.247	ug/l #	71
13) Acrolein	4.183	56	64	0.286	ug/l #	13
17) Carbon Disulfide	4.695	76	3210	0.944	ug/l #	75
18) Methyl Acetate	5.024	43	2083	Below Cal	#	63
23) Vinyl Acetate	6.583	43	1061	0.325	ug/l #	71
31) Cyclohexane	8.224	56	2770	1.131	ug/l #	12
36) 1,1-Dichloropropene	8.371	75	716	0.316	ug/l #	75
38) Carbon Tetrachloride	8.218	117	12870	5.008	ug/l #	15
43) Isopropyl Acetate	8.665	43	1346	0.361	ug/l #	57
44) Trichloroethene	9.347	130	777	0.492	ug/l	90
49) 1,4-Dioxane	9.712	88	54	1.857	ug/l #	14
51) 4-Methyl-2-Pentanone	10.453	43	509	0.251	ug/l #	36
52) Toluene	10.629	92	1067	0.256	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	1383	0.546	ug/l #	56
54) cis-1,3-Dichloropropene	10.300	75	817	0.307	ug/l #	32
57) 1,3-Dichloropropane	11.165	76	551	0.206	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	772	0.894	ug/l #	61
59) 2-Hexanone	11.200	43	993	0.662	ug/l	73
61) 1,2-Dibromoethane	11.471	107	338	0.218	ug/l	95
64) Tetrachloroethene	11.106	164	490	0.303	ug/l #	72
65) Chlorobenzene	11.888	112	3090	0.572	ug/l #	82
67) Ethyl Benzene	11.965	91	3184	0.332	ug/l	99
68) m/p-Xylenes	12.065	106	2719	0.763	ug/l	97
69) o-Xylene	12.400	106	860	0.249	ug/l	90
70) Styrene	12.412	104	3401	0.600	ug/l	93
73) Isopropylbenzene	12.694	105	2586	0.312	ug/l	95
74) N-amyl acetate	12.494	43	908	0.256	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	59941	27.685	ug/l #	1
77) Bromobenzene	12.982	156	1524	0.763	ug/l	82
78) n-propylbenzene	13.035	91	6255	0.648	ug/l	94
79) 2-Chlorotoluene	13.123	91	2934	0.476	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	2479	0.354	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	59941	72.508	ug/l #	9

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

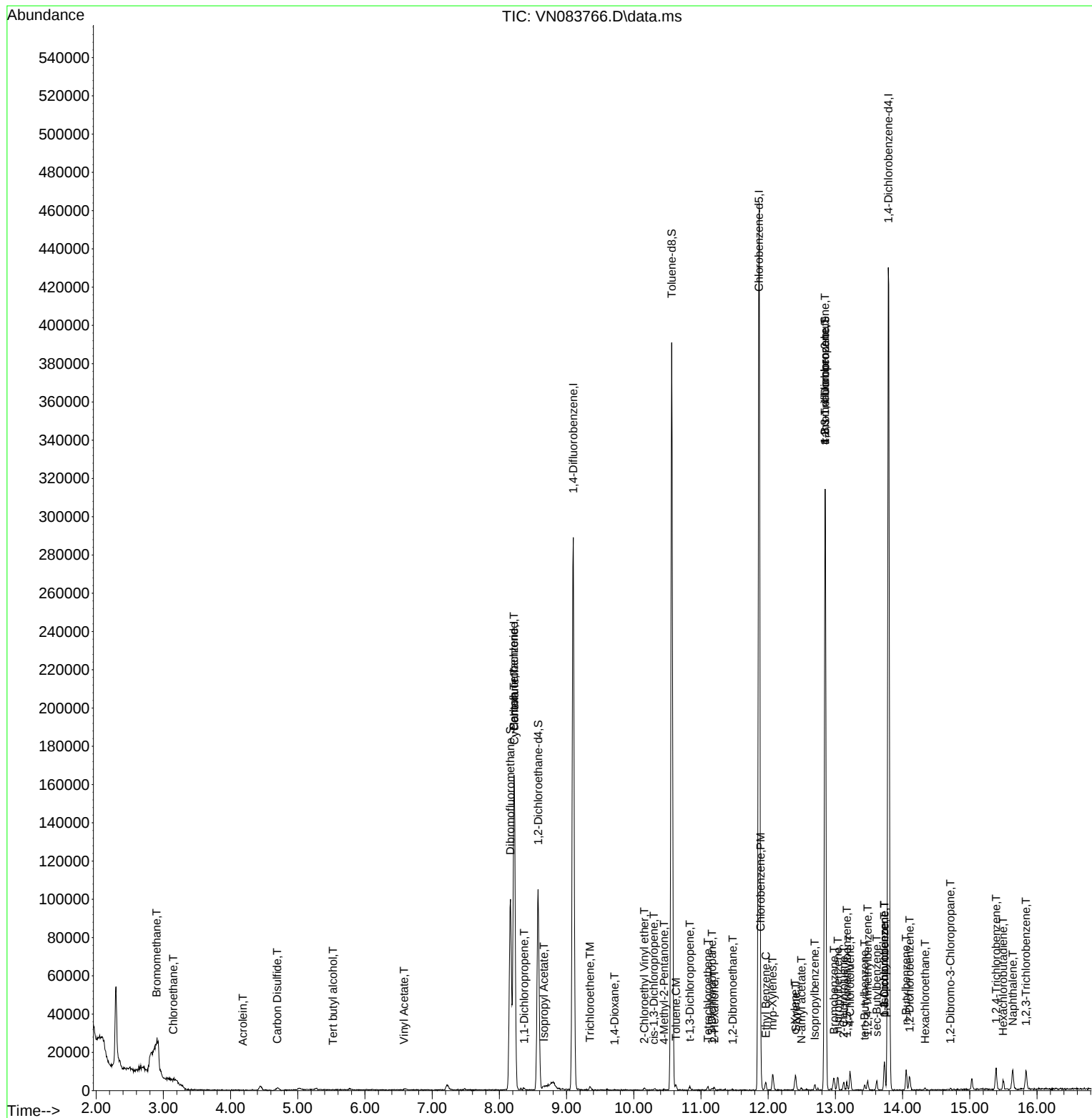
82) 4-Chlorotoluene	13.218	91	6215	1.005	ug/l	99
83) tert-Butylbenzene	13.435	119	1741	0.284	ug/l #	91
84) 1,2,4-Trimethylbenzene	13.482	105	3024	0.430	ug/l	94
85) sec-Butylbenzene	13.617	105	3456	0.426	ug/l	97
86) p-Isopropyltoluene	13.729	119	3234	0.475	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	4257	1.129	ug/l	96
88) 1,4-Dichlorobenzene	13.729	146	4257	1.115	ug/l	95
89) n-Butylbenzene	14.053	91	5985	0.979	ug/l	94
90) Hexachloroethane	14.335	117	320	0.234	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	3242	0.891	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.712	75	224	0.461	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.394	180	3753	1.922	ug/l	97
94) Hexachlorobutadiene	15.494	225	1052	1.268	ug/l	89
95) Naphthalene	15.641	128	9777	1.645	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	3640	1.950	ug/l	96

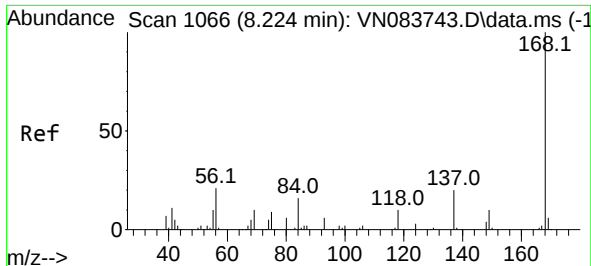
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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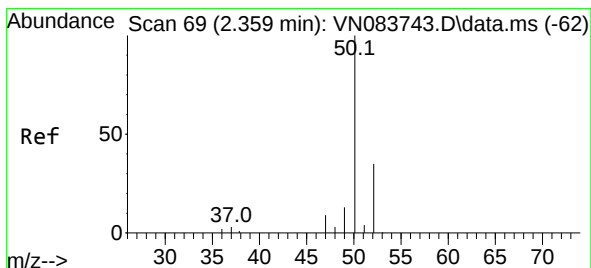
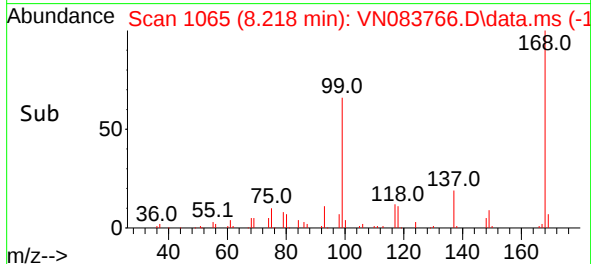
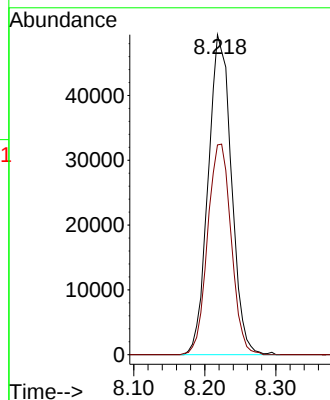
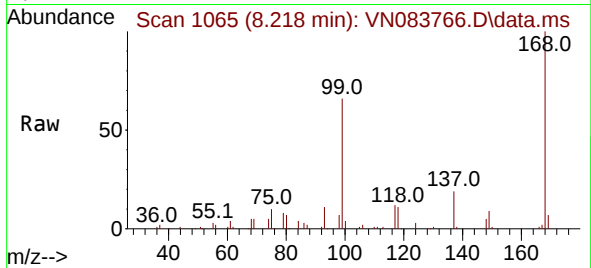




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

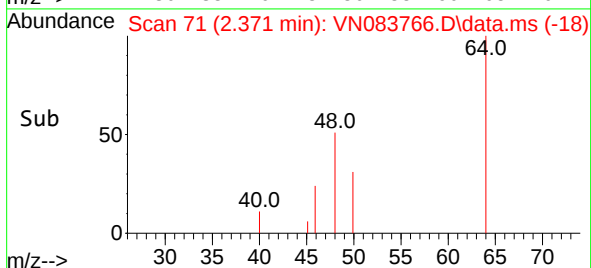
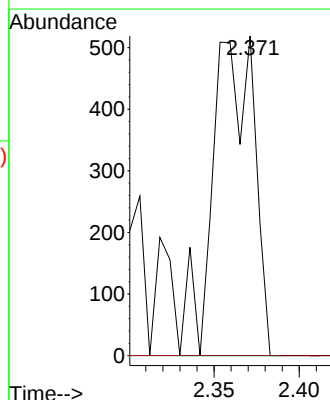
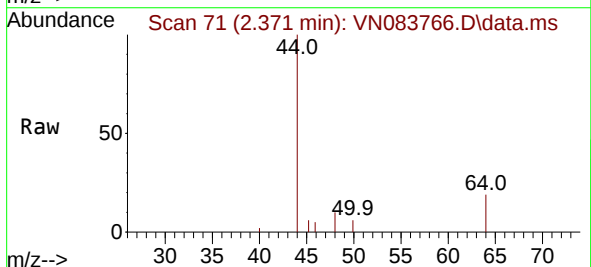
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

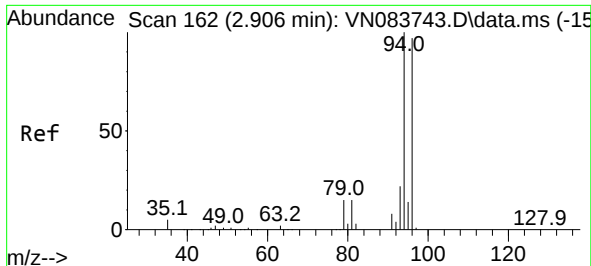
Tgt Ion:168 Resp: 112339
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

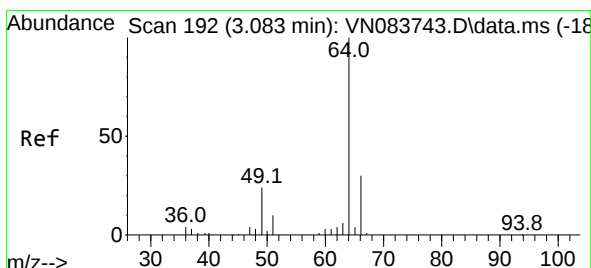
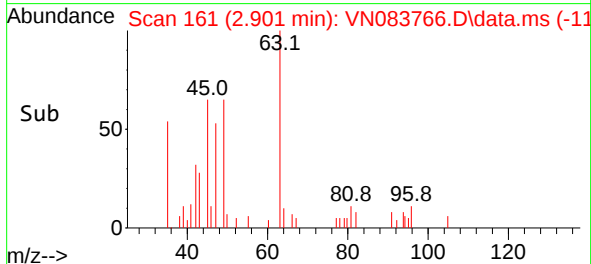
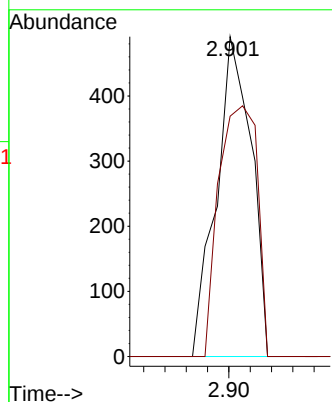
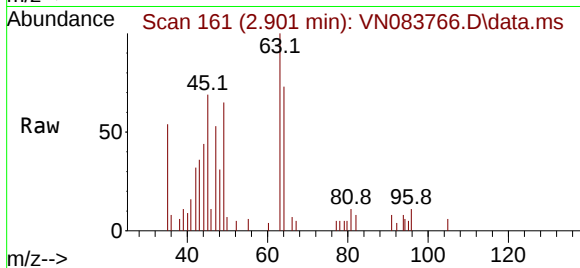




#5
Bromomethane
Concen: 0.683 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

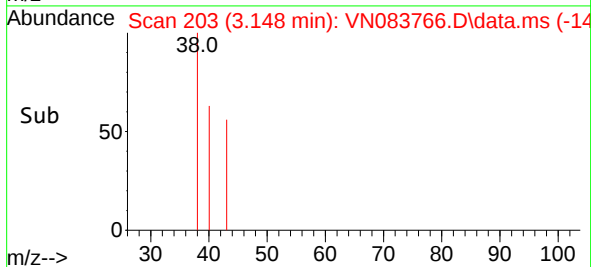
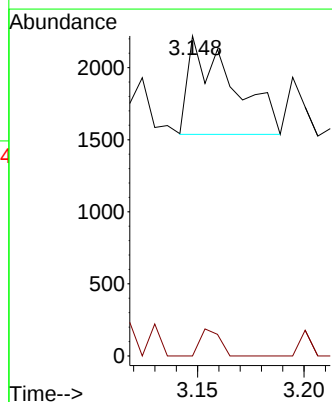
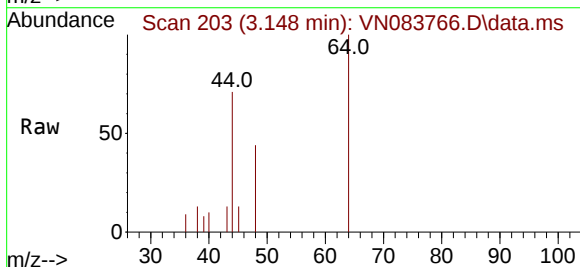
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

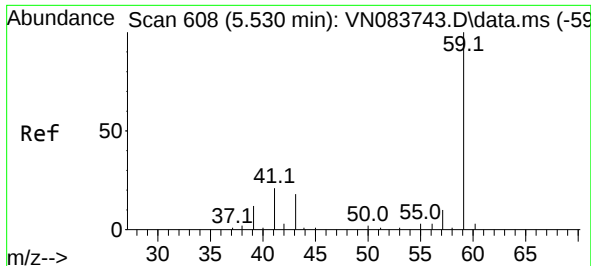
Tgt Ion: 94 Resp: 561
Ion Ratio Lower Upper
94 100
96 75.2 76.0 114.0#



#6
Chloroethane
Concen: 0.983 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.065 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

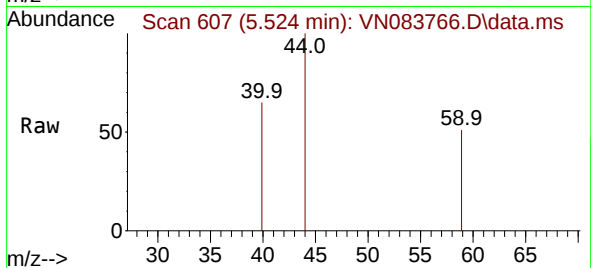
Tgt Ion: 64 Resp: 975
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



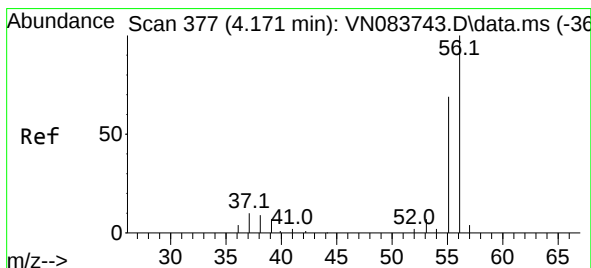
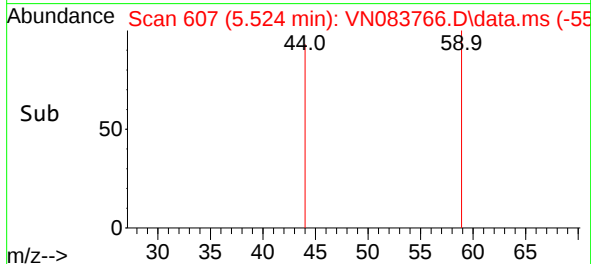
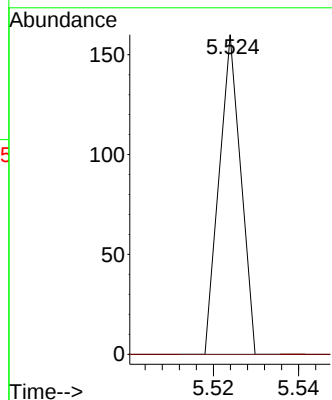


#11
Tert butyl alcohol
Concen: 0.247 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Instrument :
MSVOA_N
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VN0910WBL03

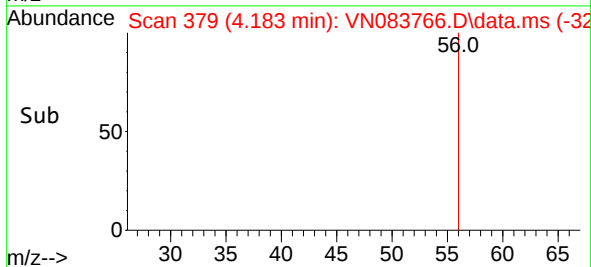
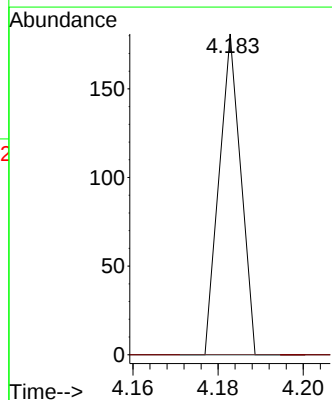
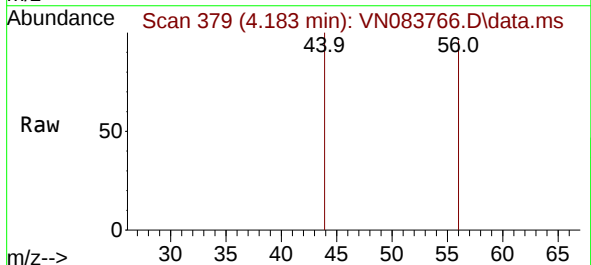


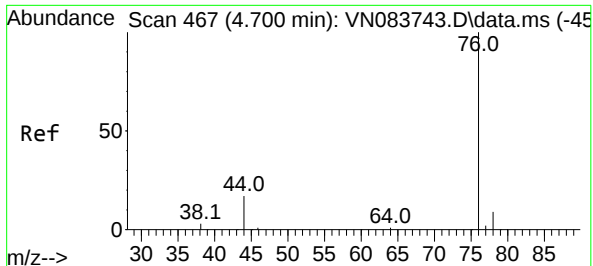
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.286 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#

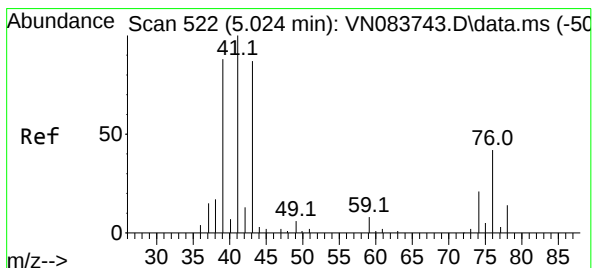
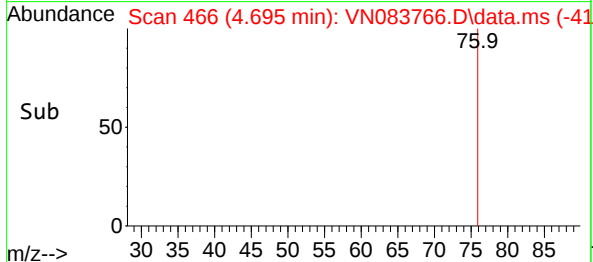
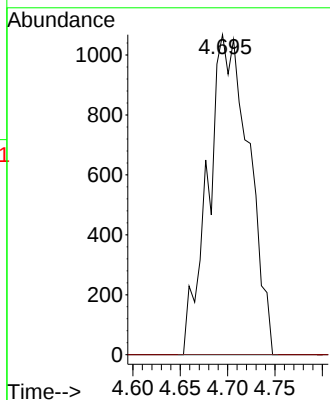
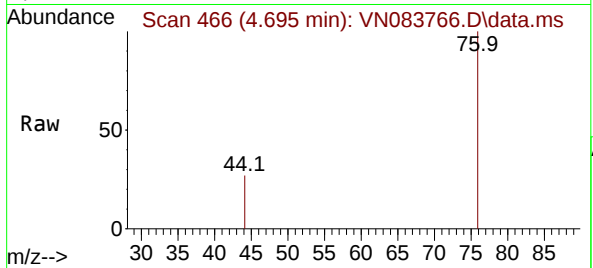




#17
Carbon Disulfide
Concen: 0.944 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

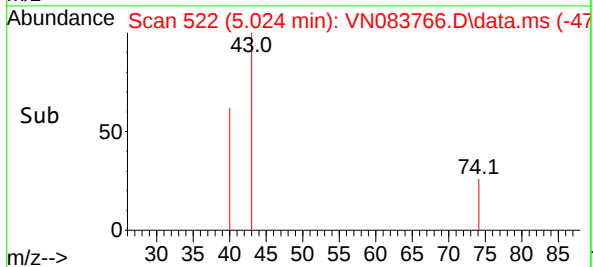
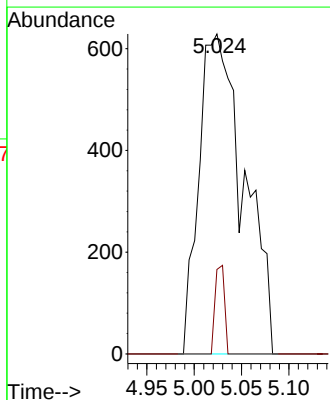
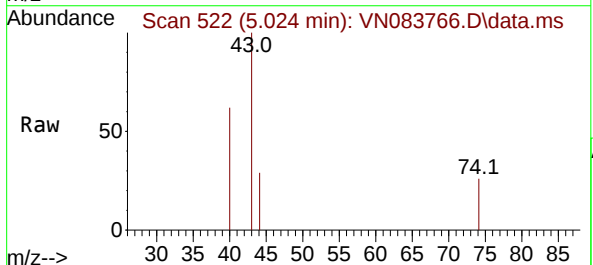
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ClientSampleId :
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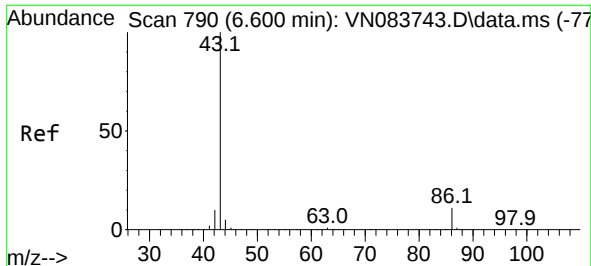
Tgt Ion: 76 Resp: 3210
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
74 5.8 19.0 28.4#

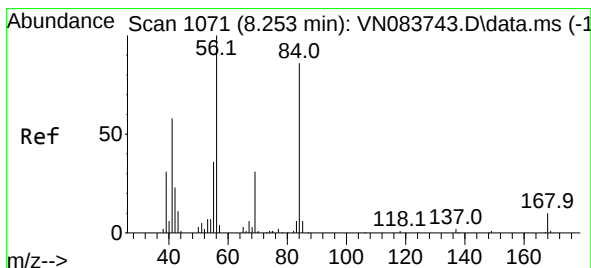
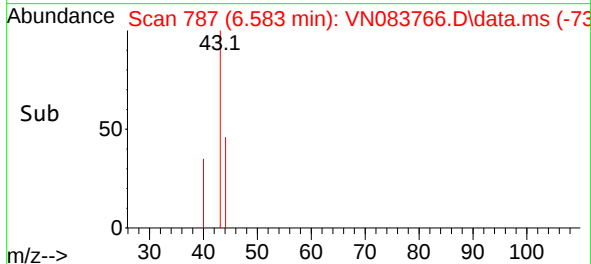
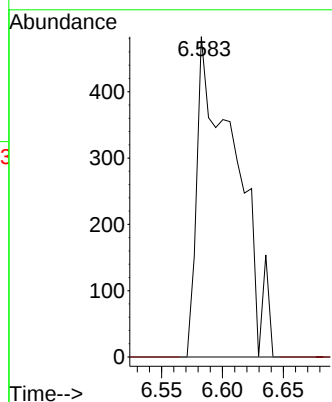
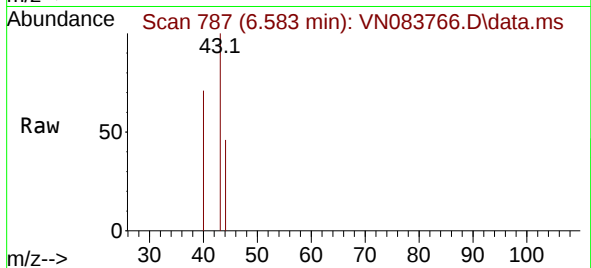




#23
 Vinyl Acetate
 Concen: 0.325 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. -0.018 min
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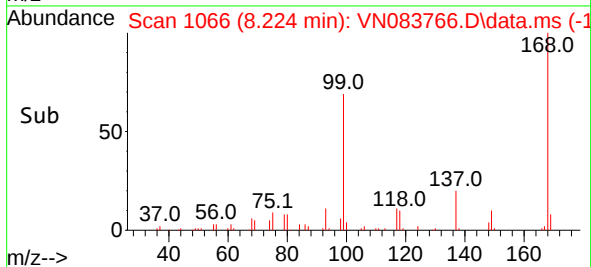
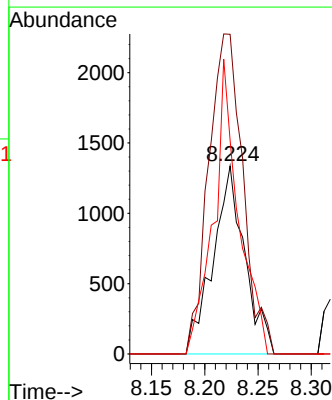
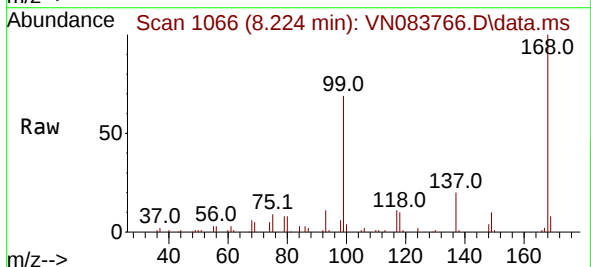
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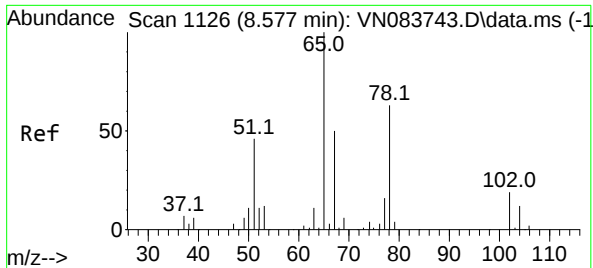
Tgt Ion: 43 Resp: 1061
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#31
 Cyclohexane
 Concen: 1.131 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.029 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

Tgt Ion: 56 Resp: 2770
 Ion Ratio Lower Upper
 56 100
 69 170.0 26.9 40.3#
 84 113.5 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.056 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

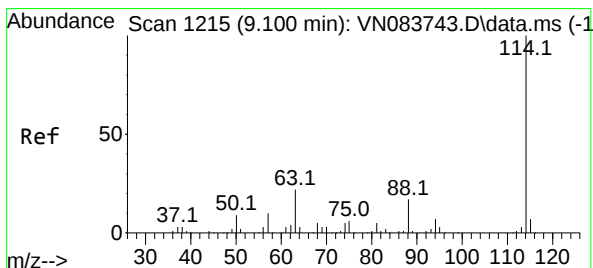
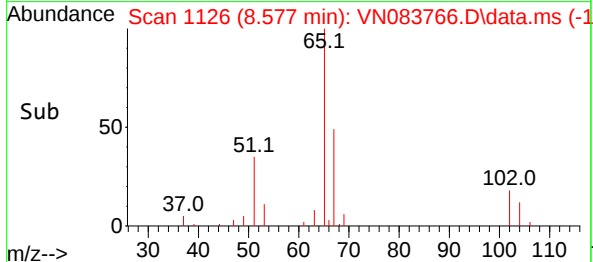
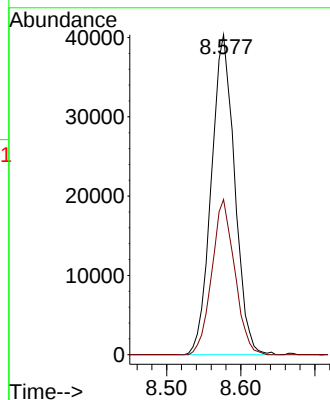
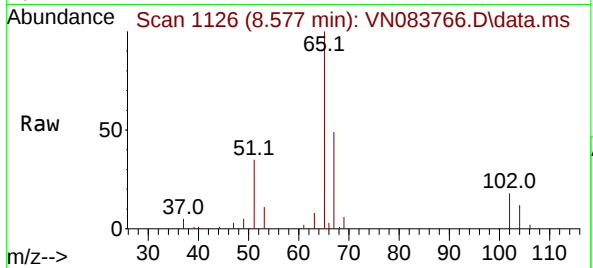
VN0910WBL03

Tgt Ion: 65 Resp: 88179

Ion Ratio Lower Upper

65 100

67 47.4 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: VN083766.D

Acq: 11 Sep 2024 02:51

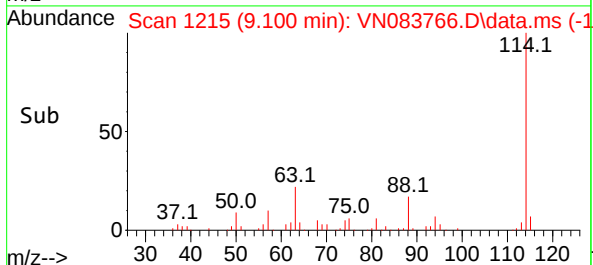
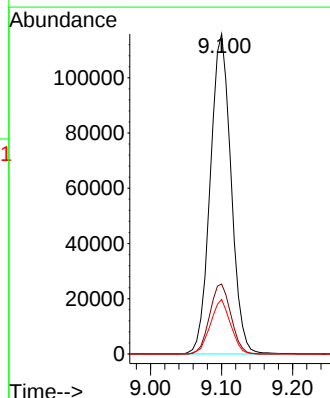
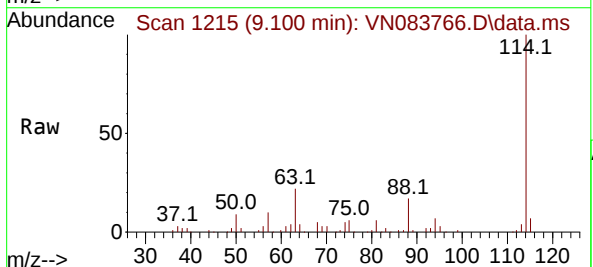
Tgt Ion: 114 Resp: 235077

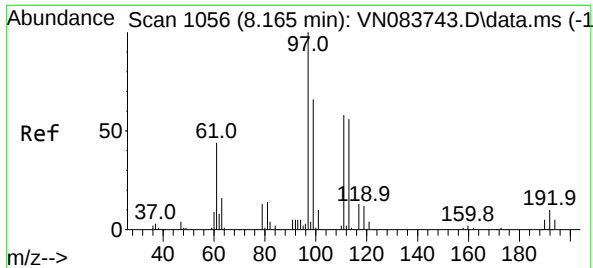
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.0 0.0 32.6

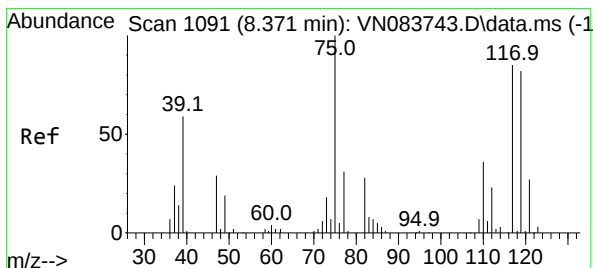
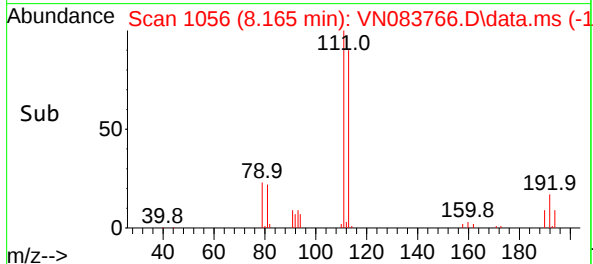
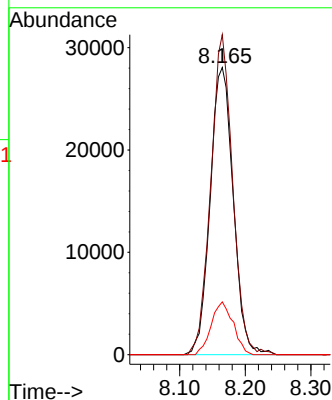
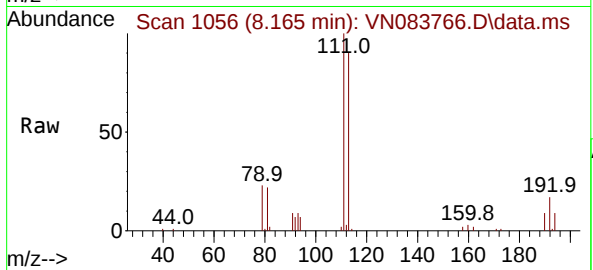




#35
Dibromofluoromethane
Concen: 45.536 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

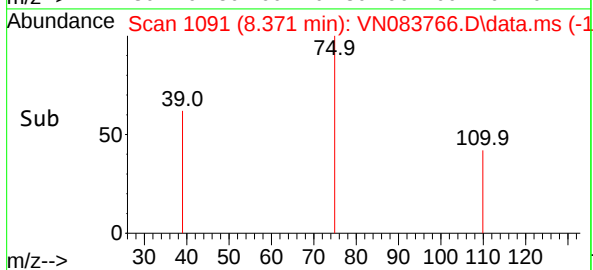
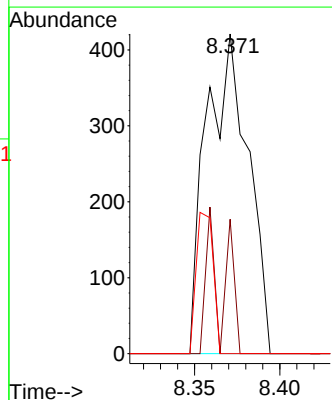
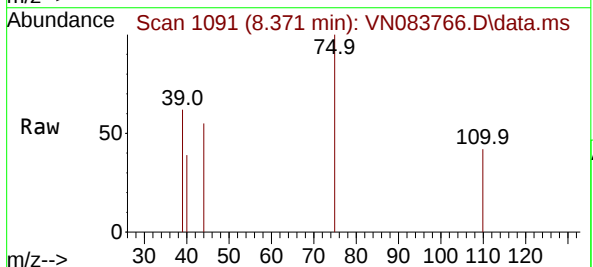
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

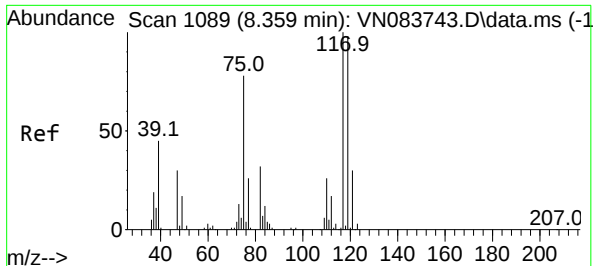
Tgt Ion:113 Resp: 68528
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 0.316 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

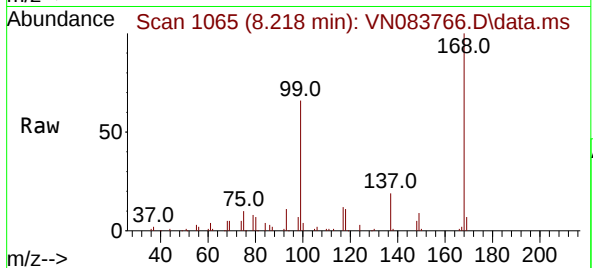
Tgt Ion: 75 Resp: 716
Ion Ratio Lower Upper
75 100
110 18.3 16.7 50.1
77 18.0 25.2 37.8#



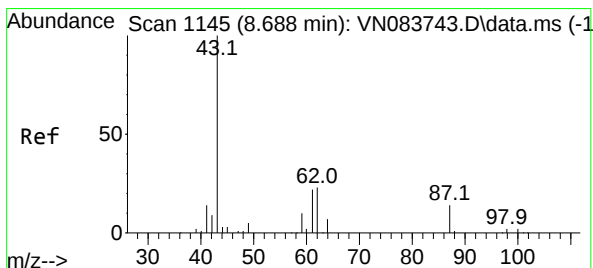
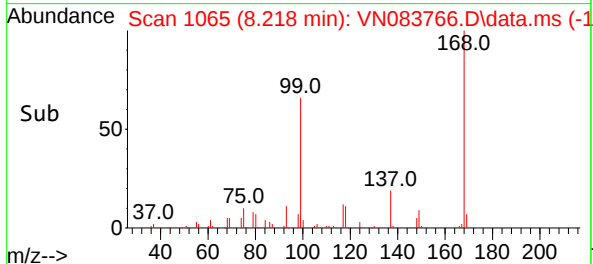
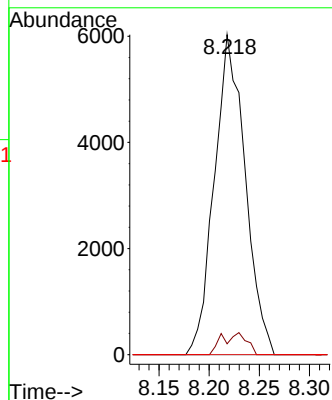


#38
Carbon Tetrachloride
Concen: 5.008 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

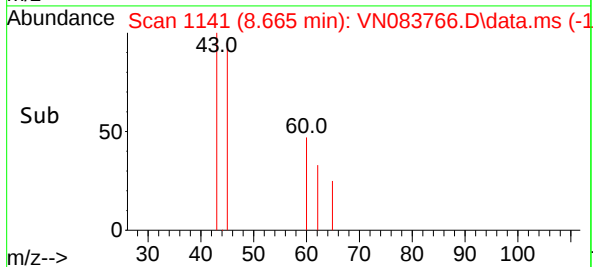
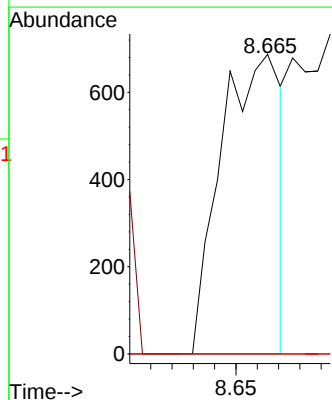
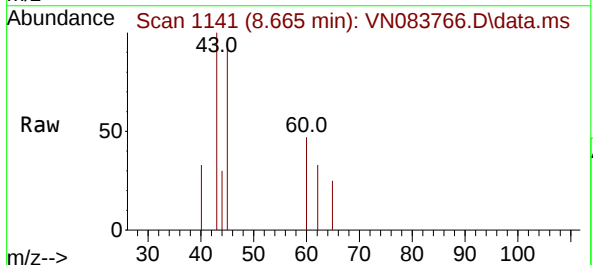


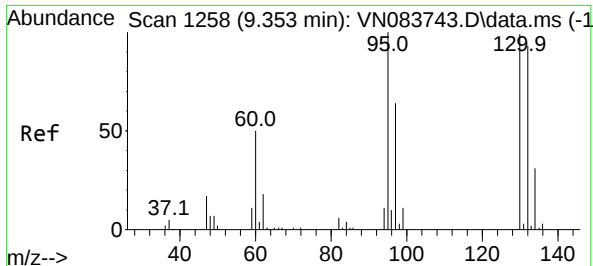
Tgt Ion:117 Resp: 12870
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.361 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

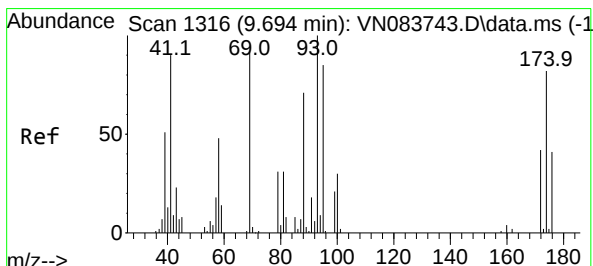
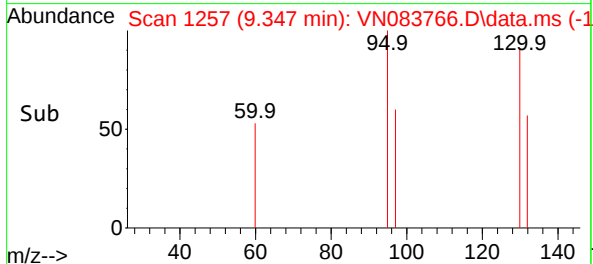
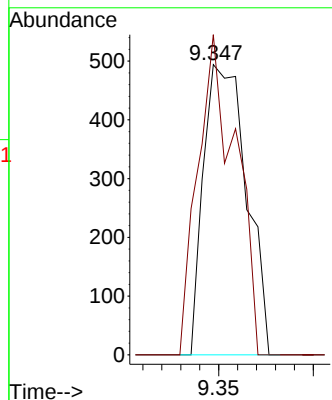
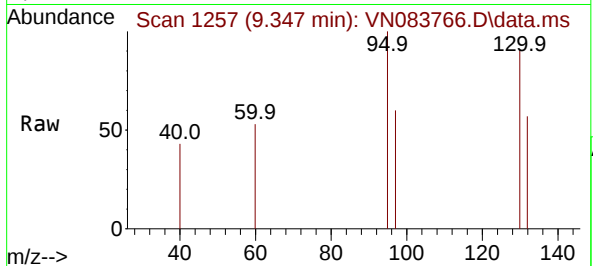




#44
Trichloroethene
Concen: 0.492 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

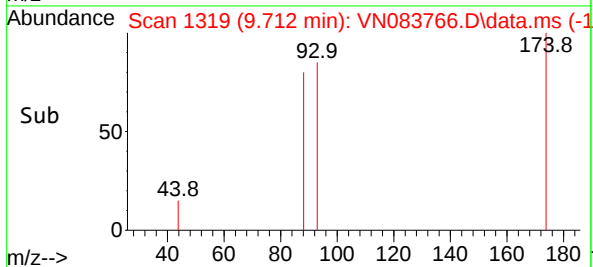
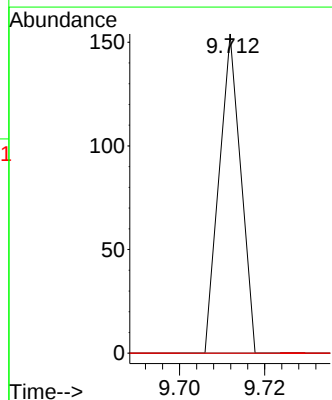
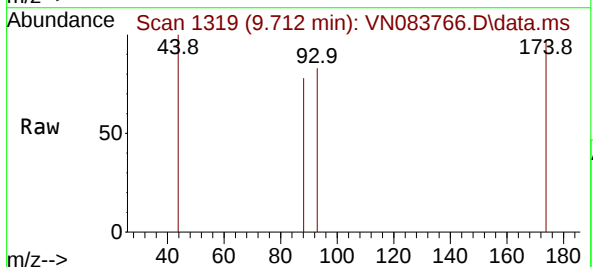
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

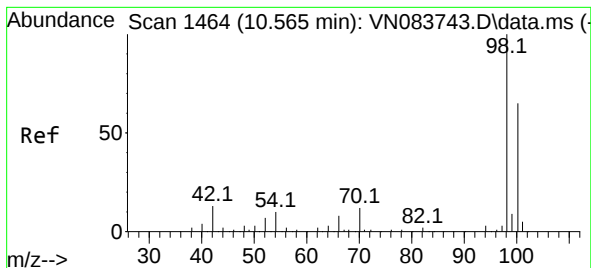
Tgt Ion:130 Resp: 777
Ion Ratio Lower Upper
130 100
95 110.3 0.0 200.4



#49
1,4-Dioxane
Concen: 1.857 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 57.1 85.7#





#50

Toluene-d8

Concen: 48.434 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

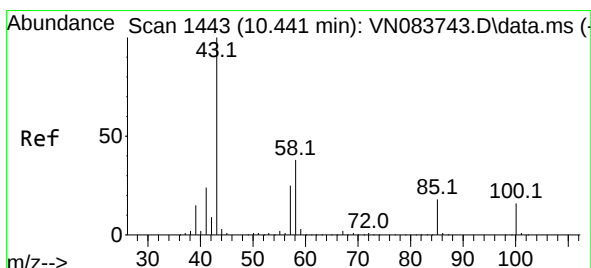
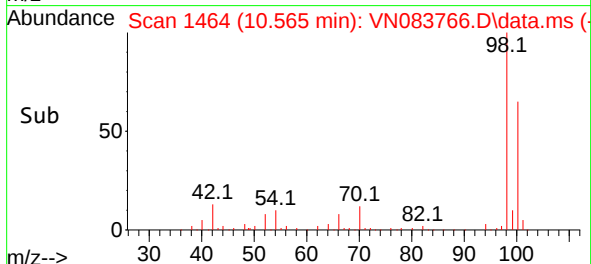
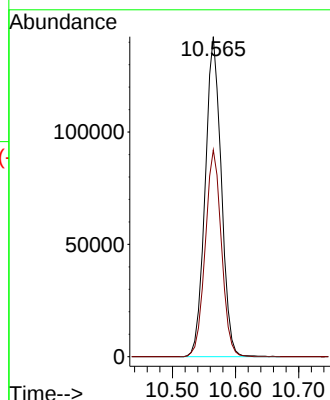
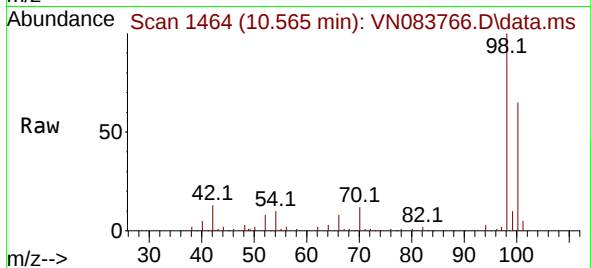
VN0910WBL03

Tgt Ion: 98 Resp: 251987

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.251 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.012 min

Lab File: VN083766.D

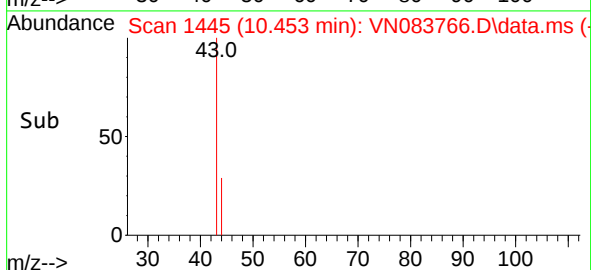
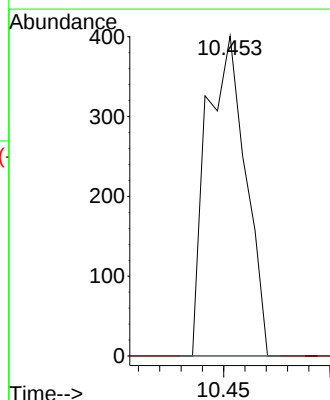
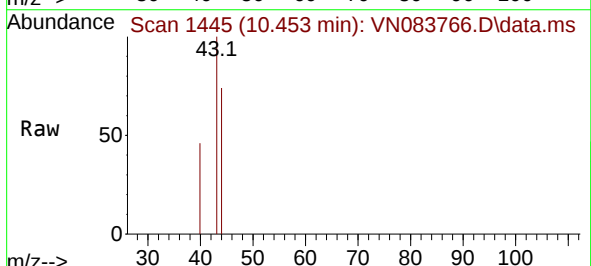
Acq: 11 Sep 2024 02:51

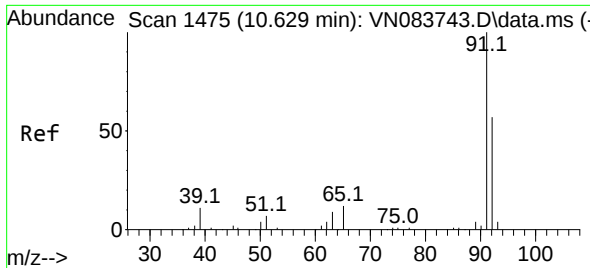
Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

43 100

58 0.0 31.6 47.4#

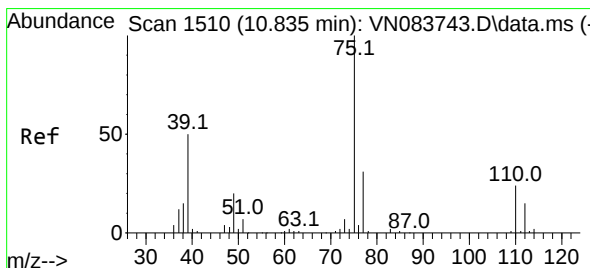
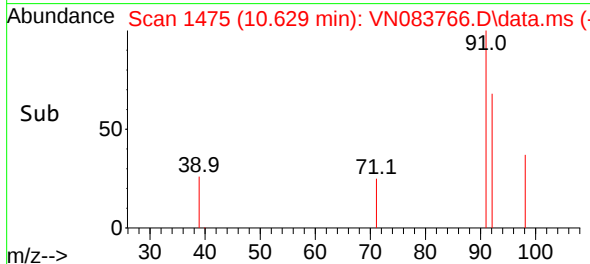
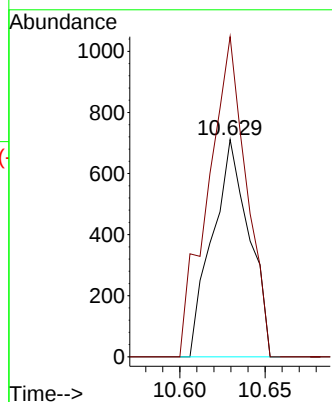
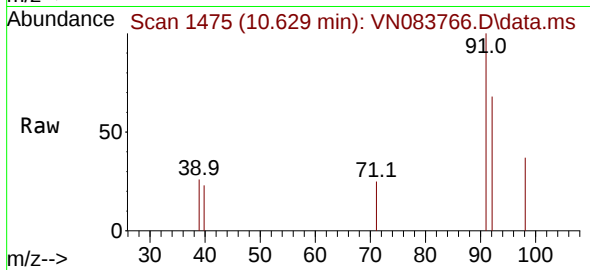




#52
Toluene
Concen: 0.256 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

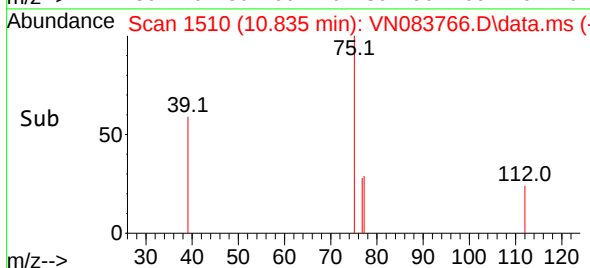
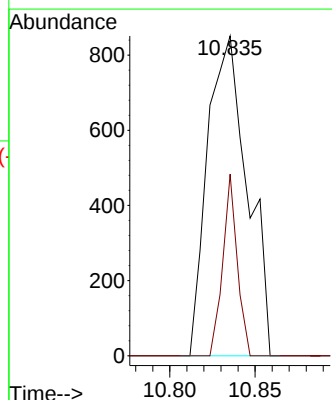
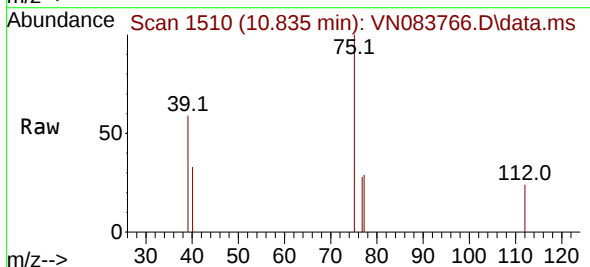
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

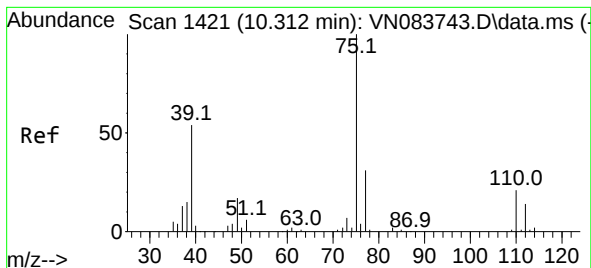
Tgt Ion: 92 Resp: 1067
Ion Ratio Lower Upper
92 100
91 153.3 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.546 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 75 Resp: 1383
Ion Ratio Lower Upper
75 100
77 56.8 25.8 38.6#

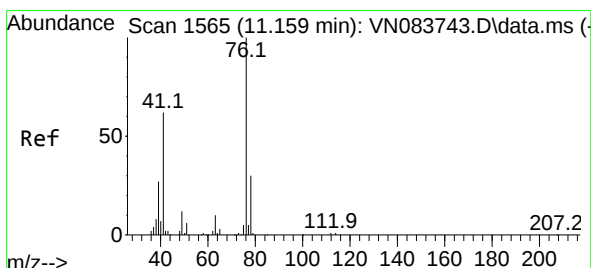
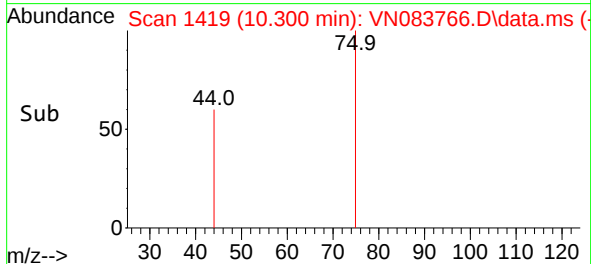
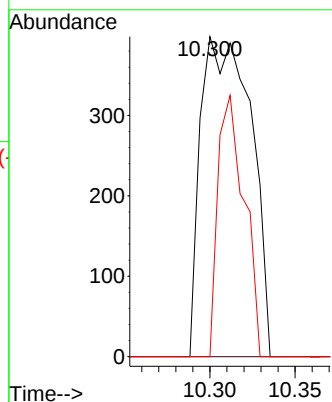
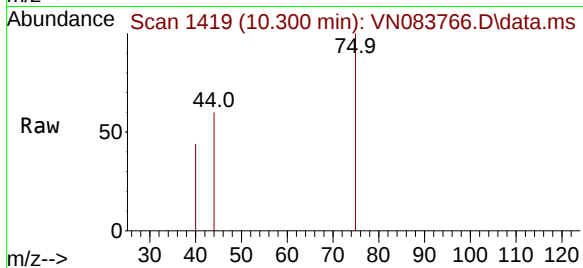




#54
 cis-1,3-Dichloropropene
 Concen: 0.307 ug/l
 RT: 10.300 min Scan# 1419
 Delta R.T. -0.012 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

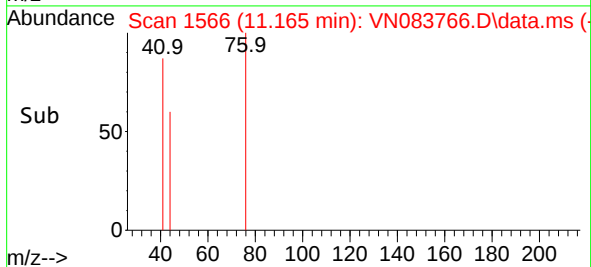
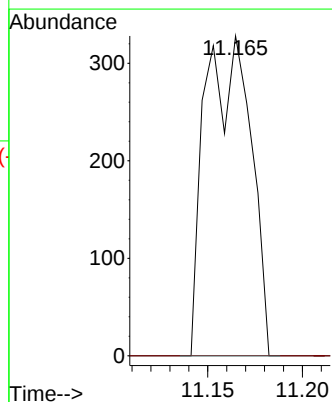
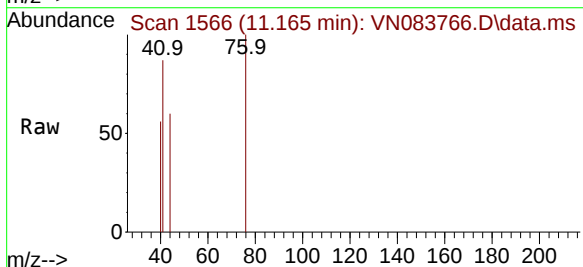
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL03

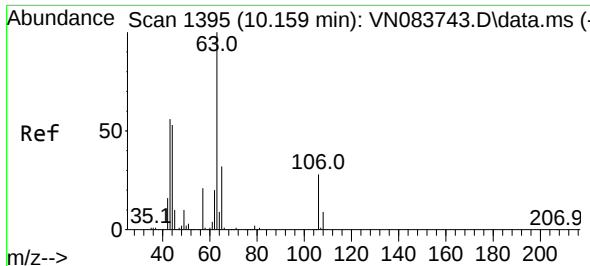
Tgt Ion: 75 Resp: 817
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 0.0 42.6 64.0#



#57
 1,3-Dichloropropane
 Concen: 0.206 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.006 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

Tgt Ion: 76 Resp: 551
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

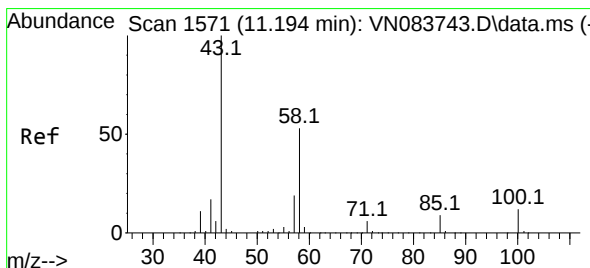
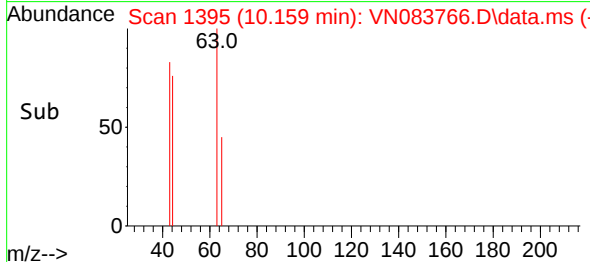
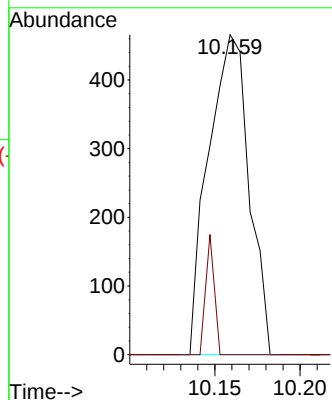
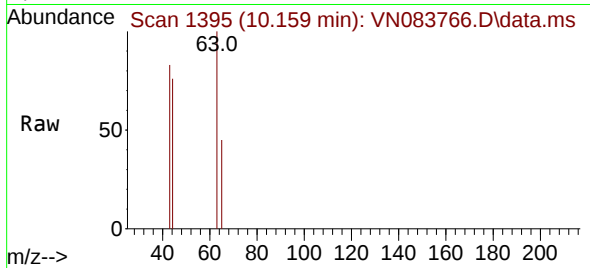




#58
2-Chloroethyl Vinyl ether
Concen: 0.894 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

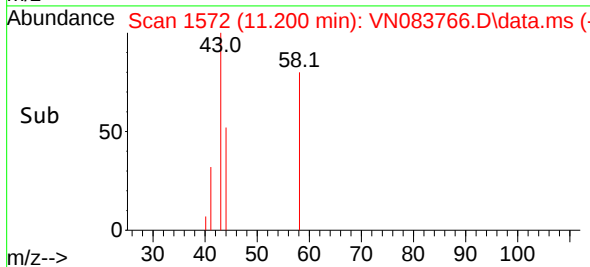
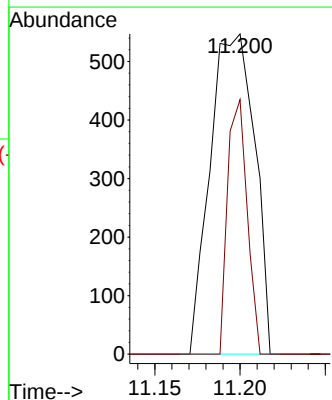
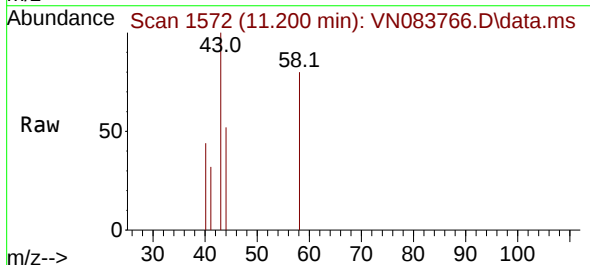
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

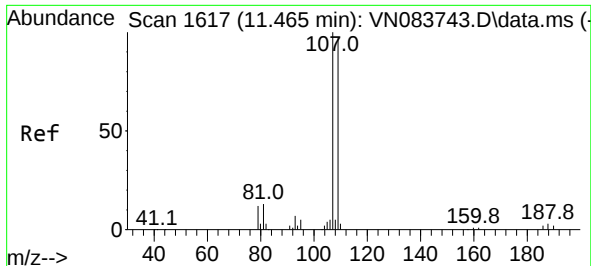
Tgt Ion: 63 Resp: 772
Ion Ratio Lower Upper
63 100
106 8.0 23.3 34.9#



#59
2-Hexanone
Concen: 0.662 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 35.0 27.2 81.5

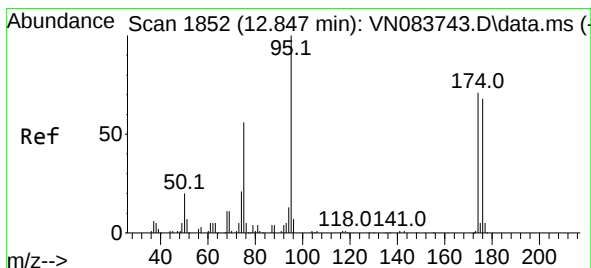
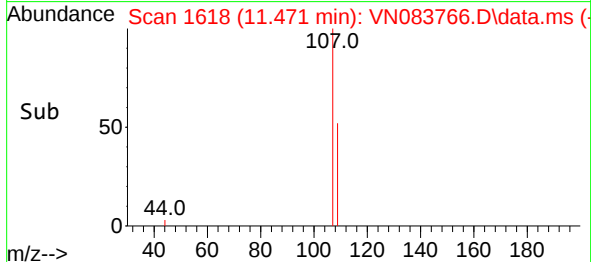
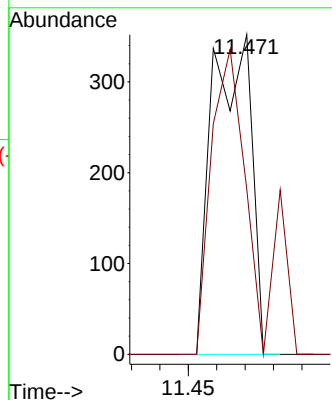
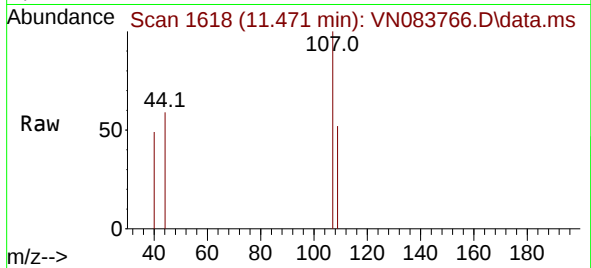




#61
1,2-Dibromoethane
Concen: 0.218 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

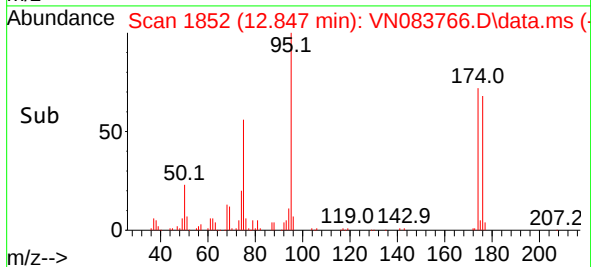
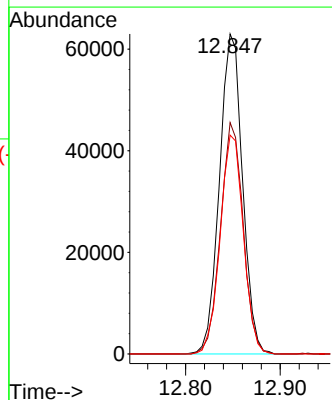
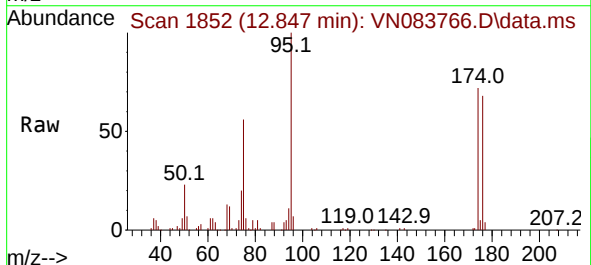
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

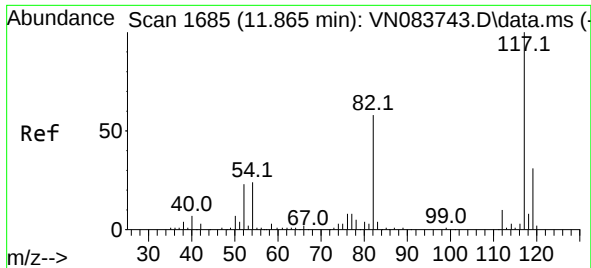
Tgt Ion:107 Resp: 338
Ion Ratio Lower Upper
107 100
109 99.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.691 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 95 Resp: 106661
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 68.7 0.0 131.4

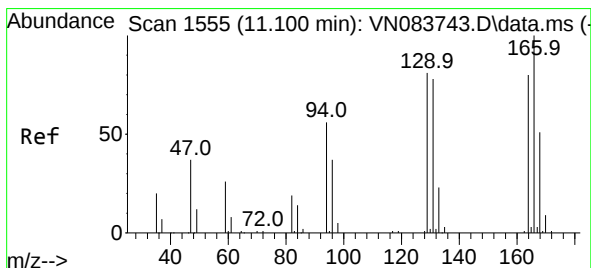
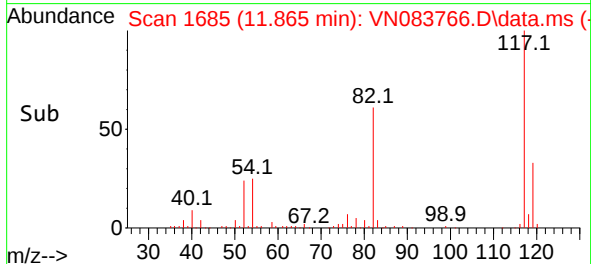
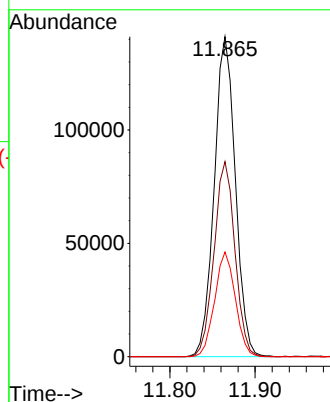
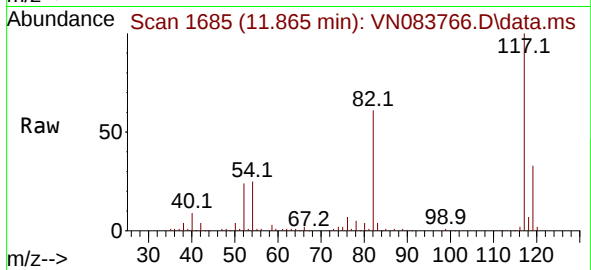




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

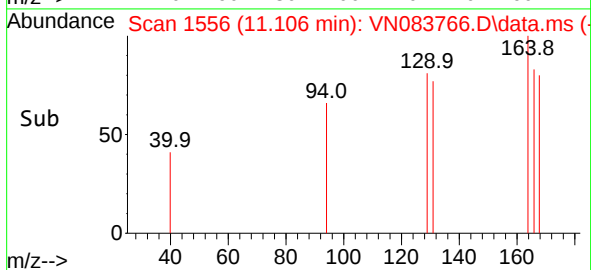
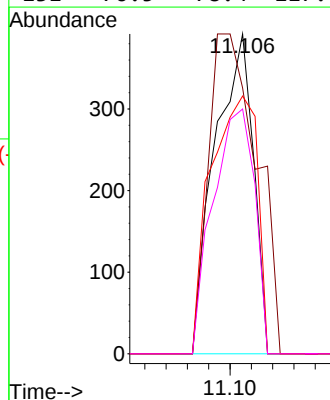
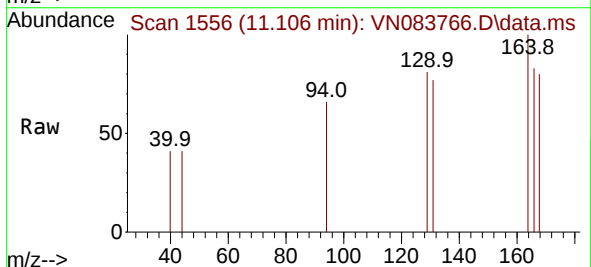
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

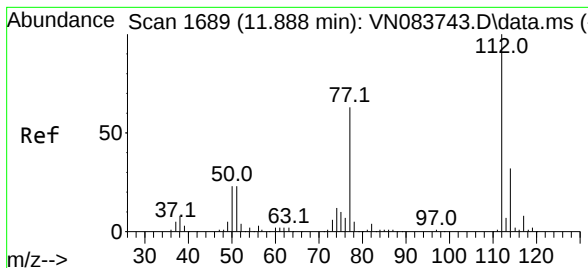
Tgt Ion:117 Resp: 243262
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 0.303 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion:164 Resp: 490
Ion Ratio Lower Upper
164 100
166 83.2 103.7 155.5#
129 80.6 79.9 119.9
131 76.5 78.4 117.6#

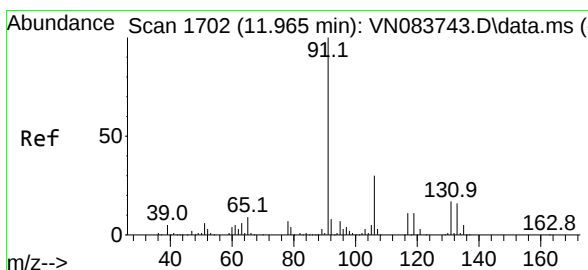
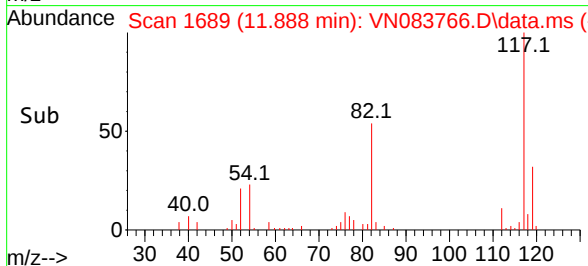
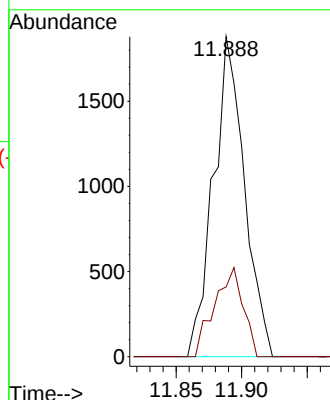
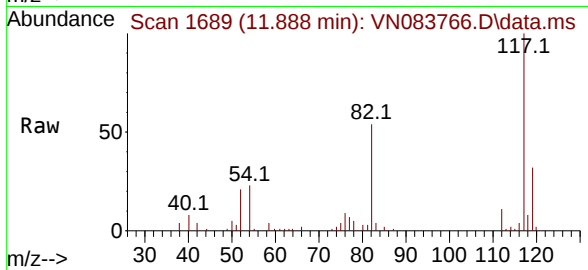




#65
Chlorobenzene
Concen: 0.572 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

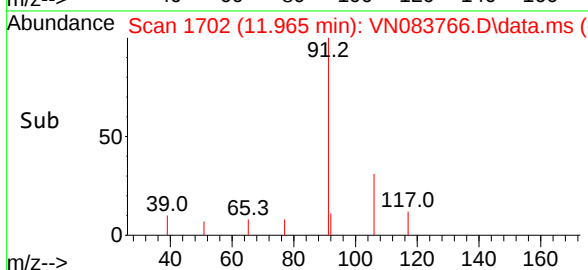
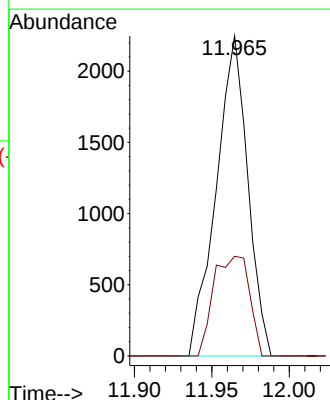
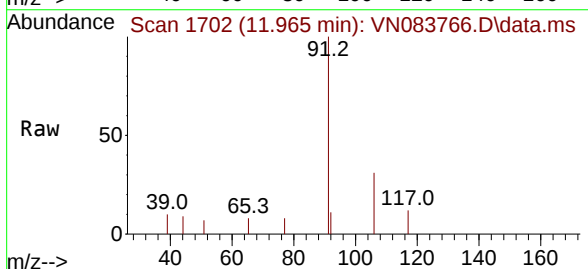
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

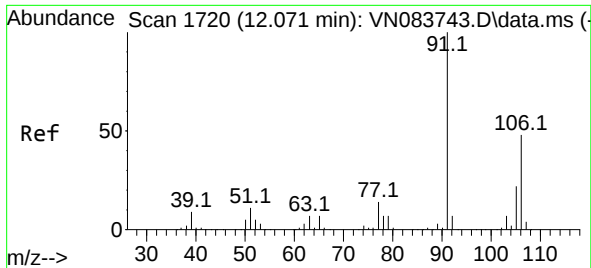
Tgt Ion:112 Resp: 3090
Ion Ratio Lower Upper
112 100
114 21.8 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.332 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 91 Resp: 3184
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

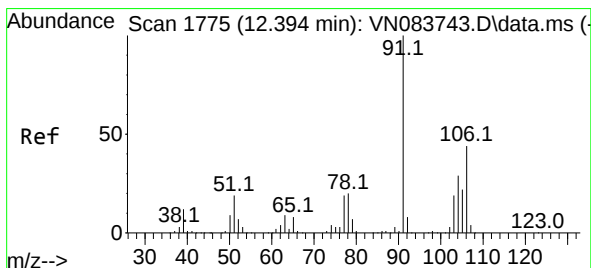
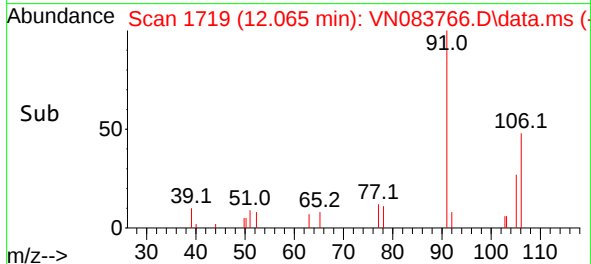
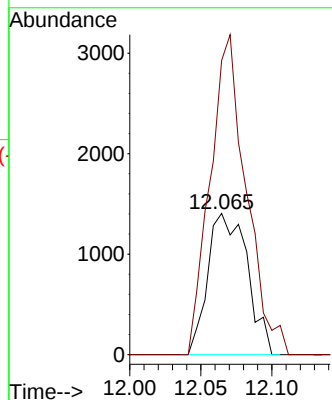
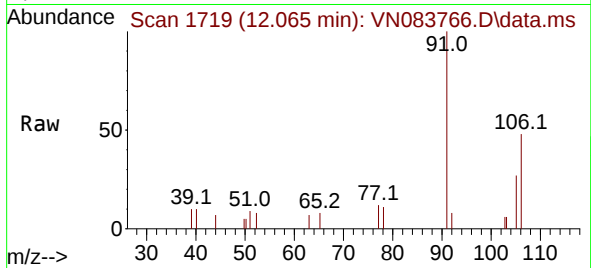




#68
m/p-Xylenes
Concen: 0.763 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

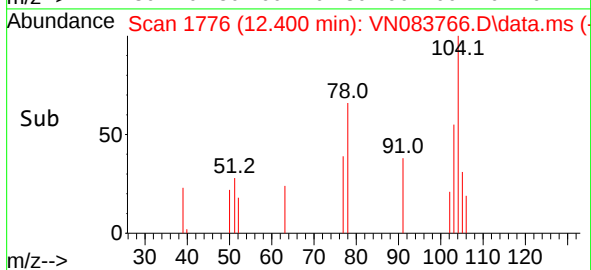
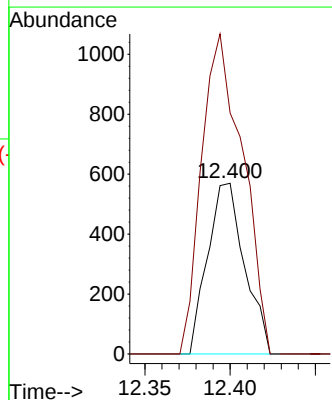
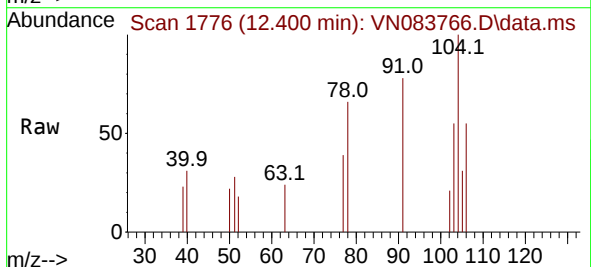
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

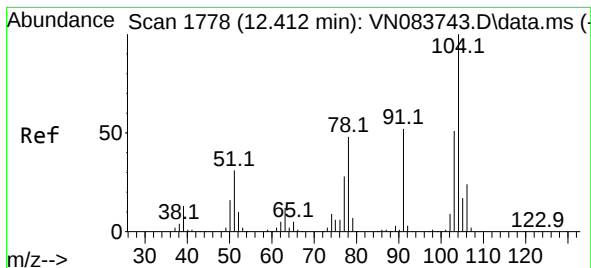
Tgt Ion:106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 207.1 169.2 253.8



#69
o-Xylene
Concen: 0.249 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion:106 Resp: 860
Ion Ratio Lower Upper
106 100
91 208.7 112.9 338.6





#70

Styrene

Concen: 0.600 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL03

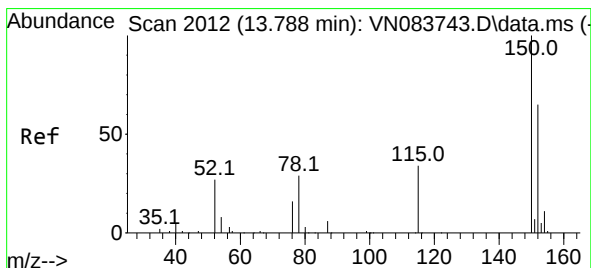
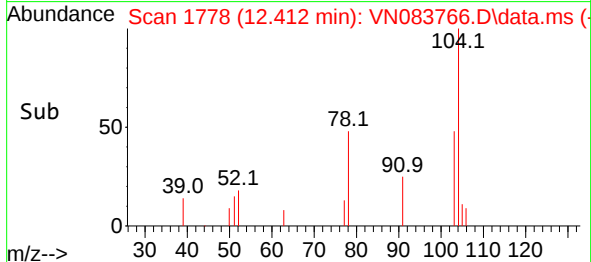
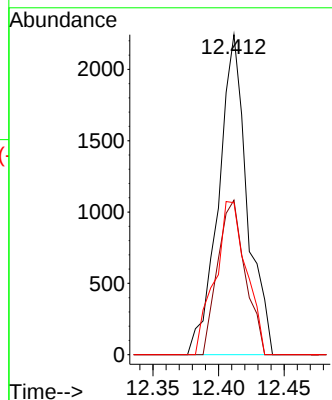
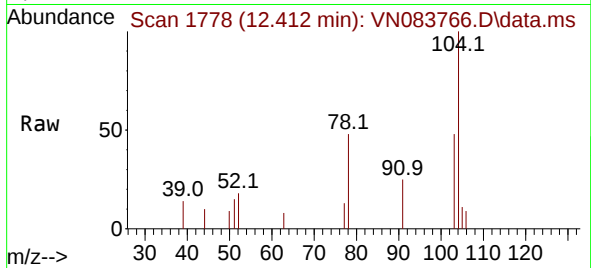
Tgt Ion:104 Resp: 3401

Ion Ratio Lower Upper

104 100

78 46.4 43.3 64.9

103 52.4 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

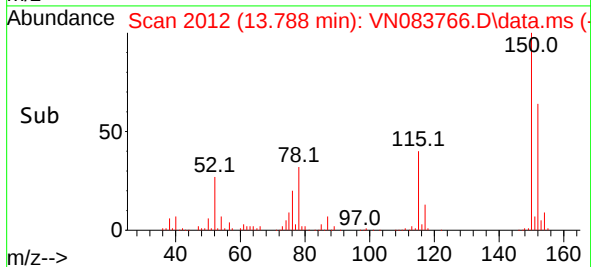
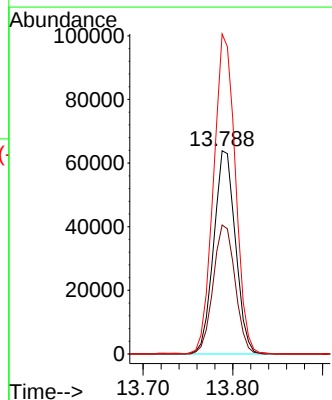
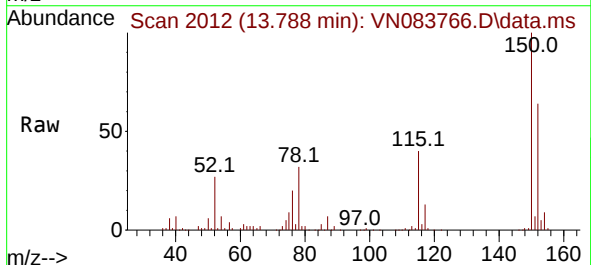
Tgt Ion:152 Resp: 107302

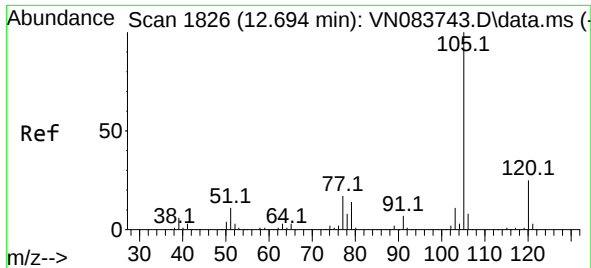
Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

150 158.4 0.0 348.6

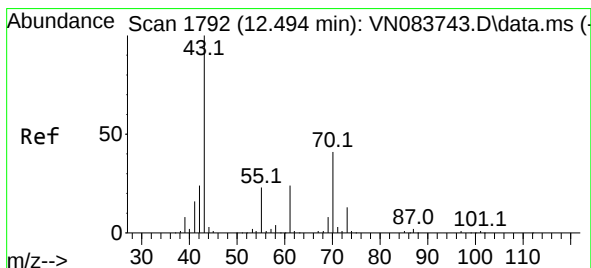
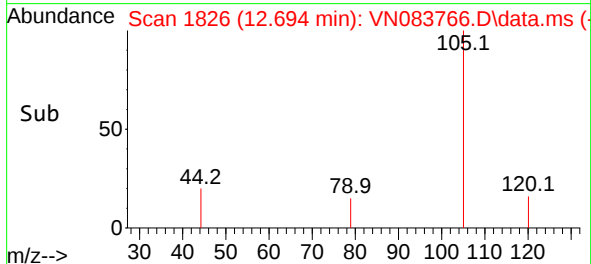
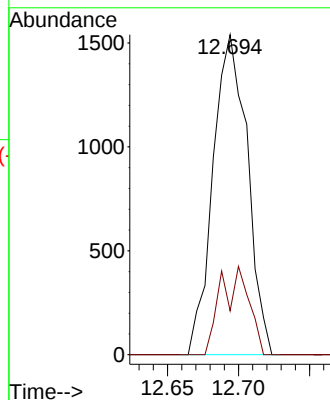
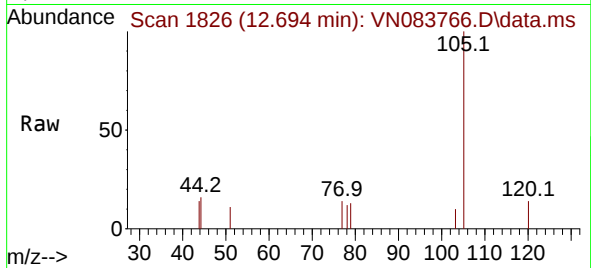




#73
Isopropylbenzene
Concen: 0.312 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

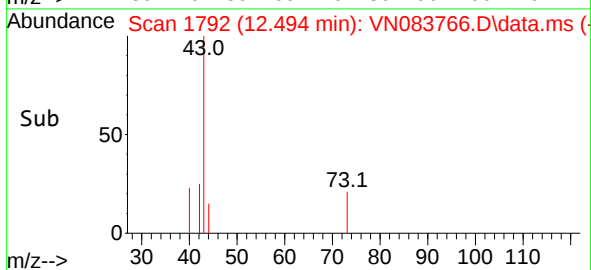
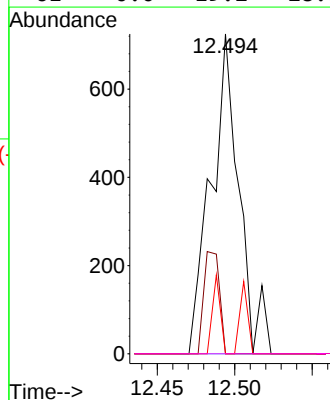
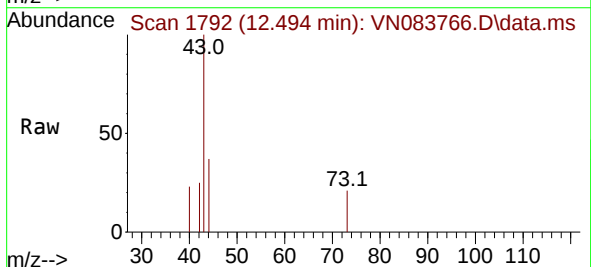
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

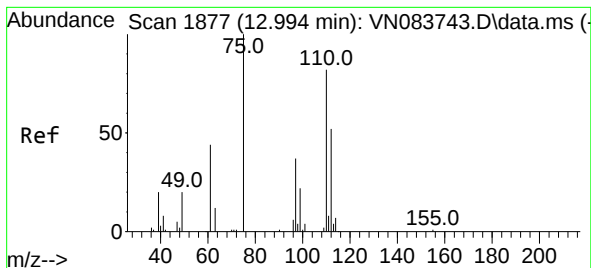
Tgt Ion:105 Resp: 2586
Ion Ratio Lower Upper
105 100
120 22.6 12.6 37.8



#74
N-ethyl acetate
Concen: 0.256 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
70 17.8 34.5 51.7#
55 6.9 18.6 28.0#
61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 27.685 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

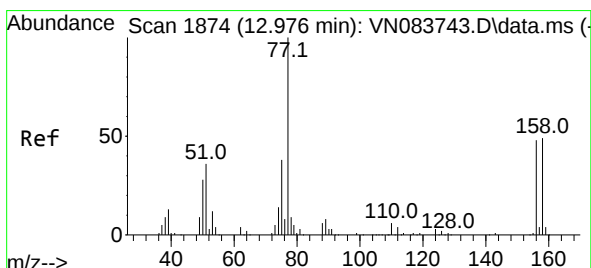
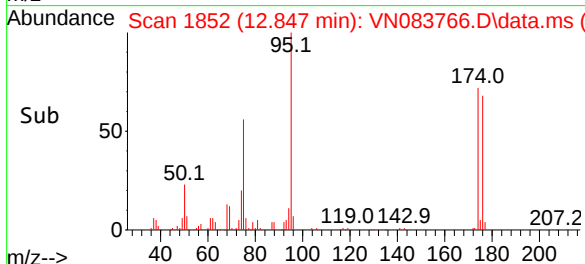
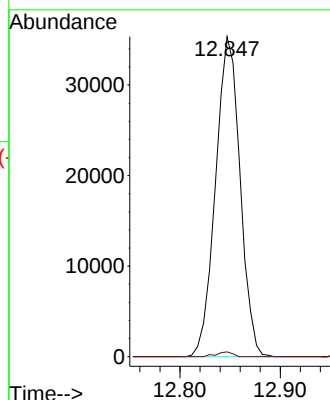
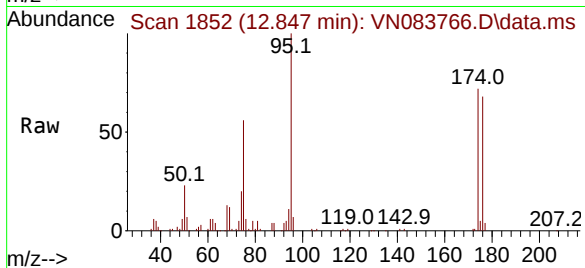
VN0910WBL03

Tgt Ion: 75 Resp: 59941

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#77

Bromobenzene

Concen: 0.763 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

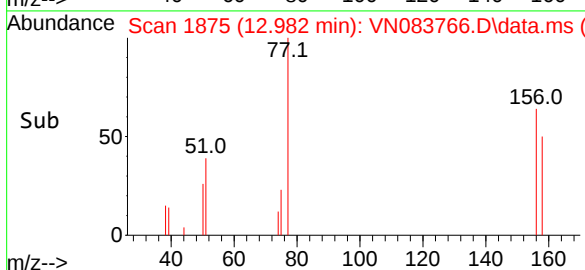
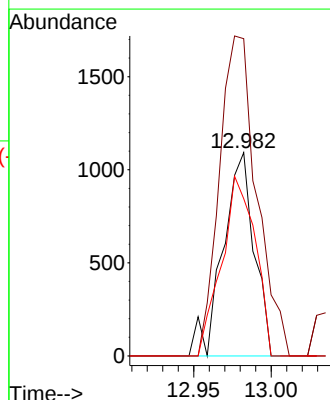
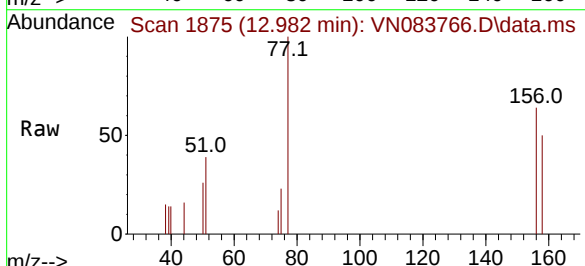
Tgt Ion: 156 Resp: 1524

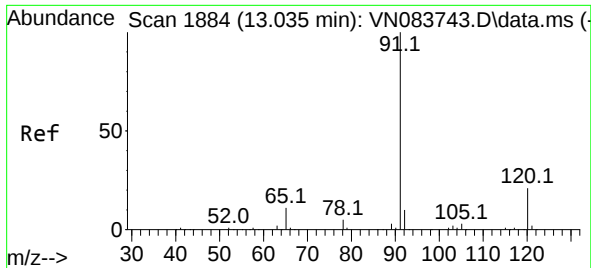
Ion Ratio Lower Upper

156 100

77 188.8 114.3 343.1

158 95.2 48.9 146.7

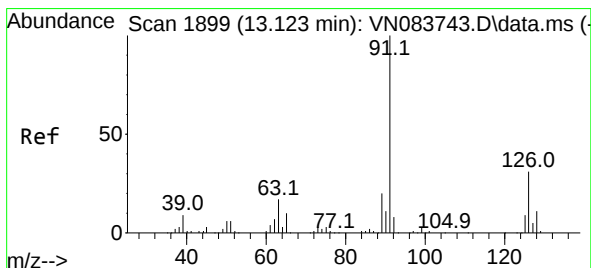
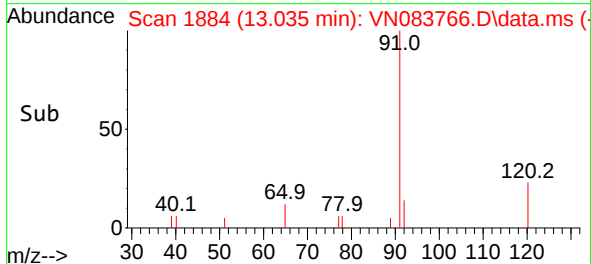
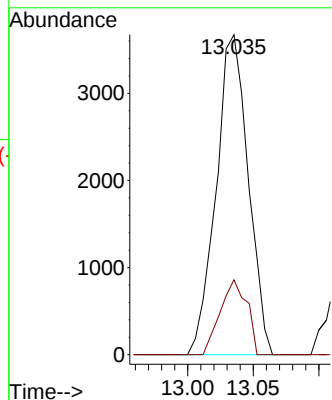
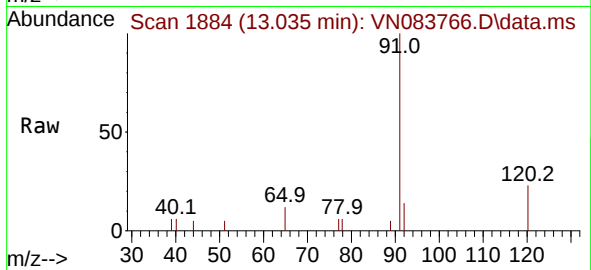




#78
n-propylbenzene
Concen: 0.648 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

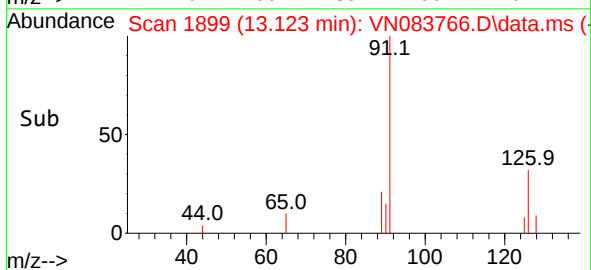
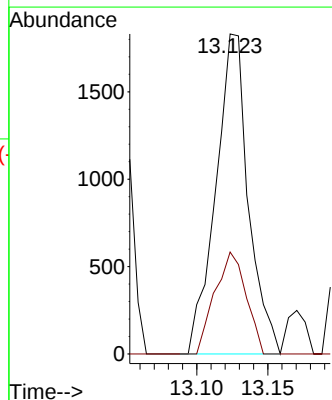
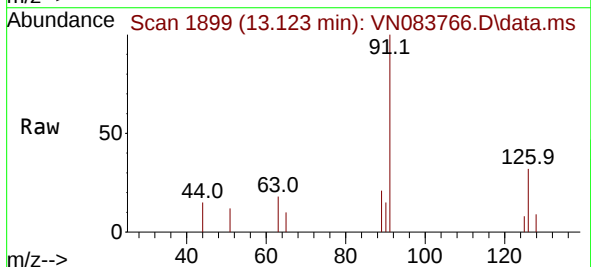
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

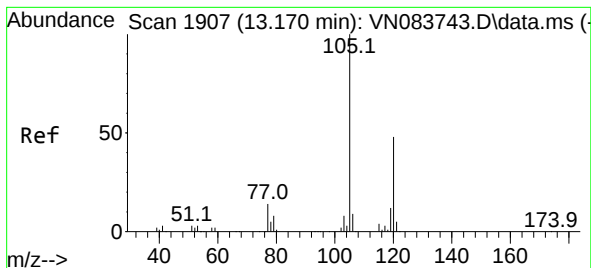
Tgt Ion: 91 Resp: 6255
Ion Ratio Lower Upper
91 100
120 19.4 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.476 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 91 Resp: 2934
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 0.354 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

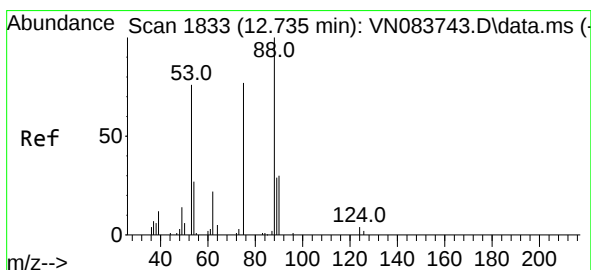
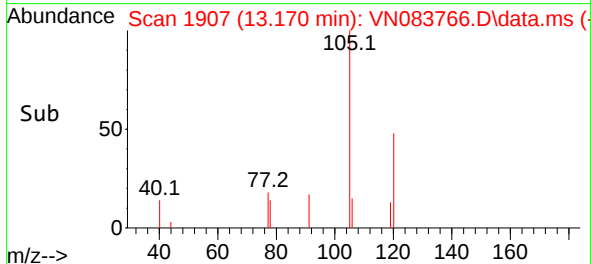
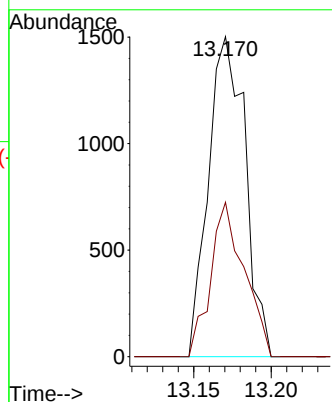
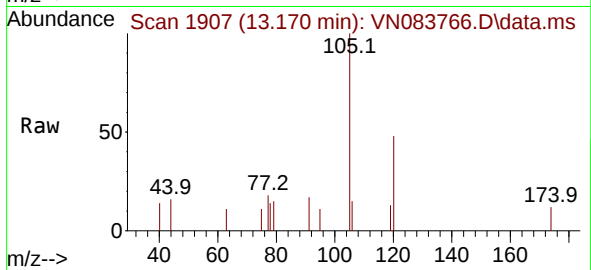
VN0910WBL03

Tgt Ion:105 Resp: 2479

Ion Ratio Lower Upper

105 100

120 44.1 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 72.508 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

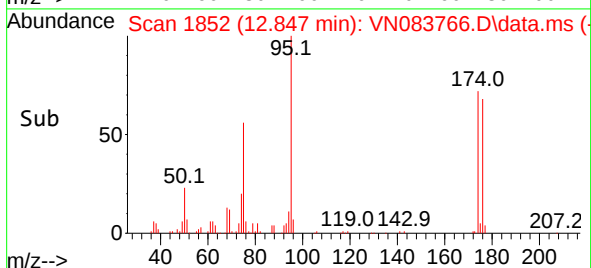
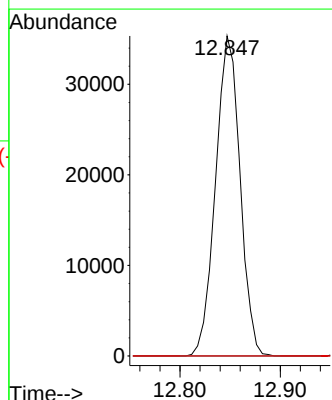
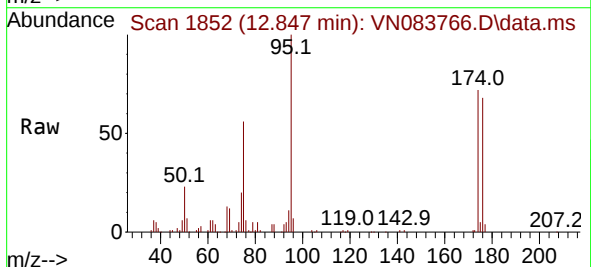
Tgt Ion: 75 Resp: 59941

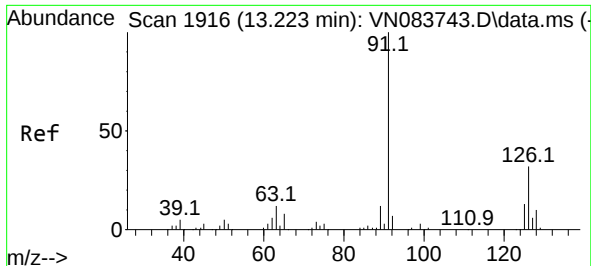
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#





#82

4-Chlorotoluene

Concen: 1.005 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

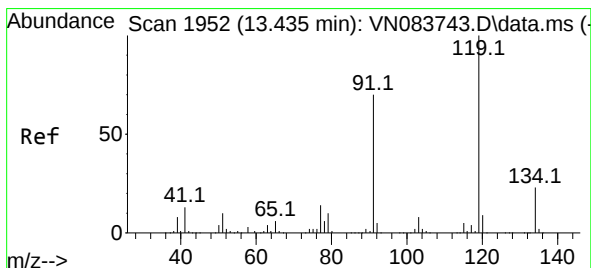
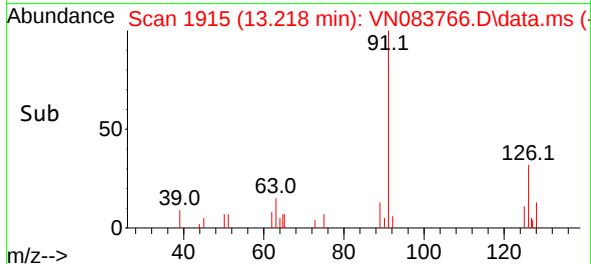
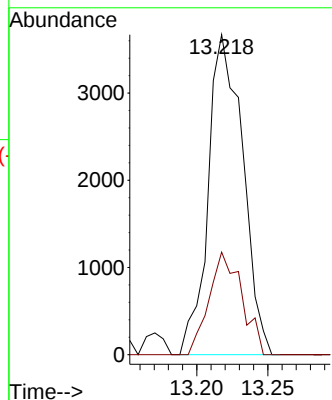
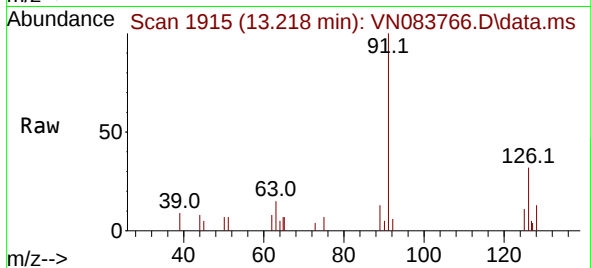
VN0910WBL03

Tgt Ion: 91 Resp: 6215

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.2



#83

tert-Butylbenzene

Concen: 0.284 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

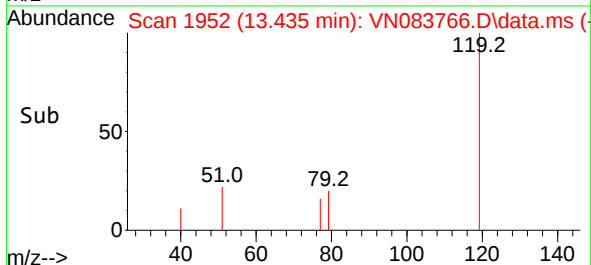
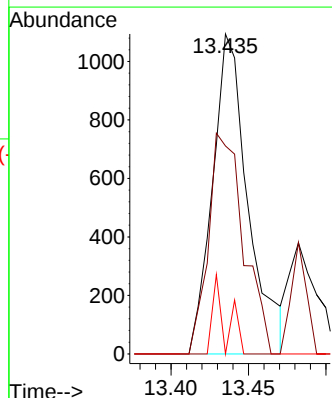
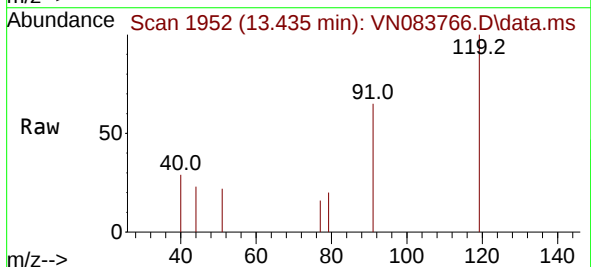
Tgt Ion: 119 Resp: 1741

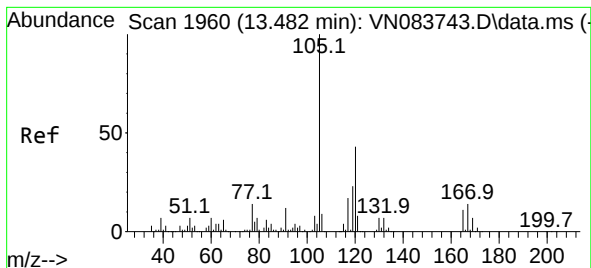
Ion Ratio Lower Upper

119 100

91 68.6 34.5 103.6

134 9.2 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.430 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

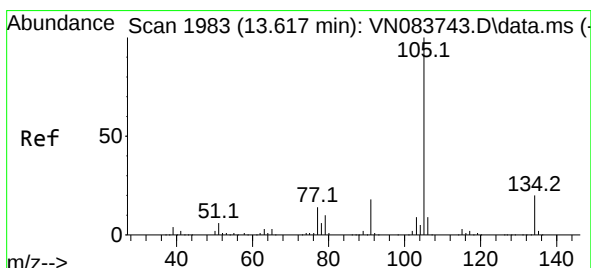
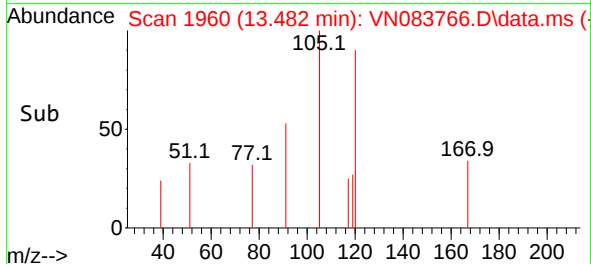
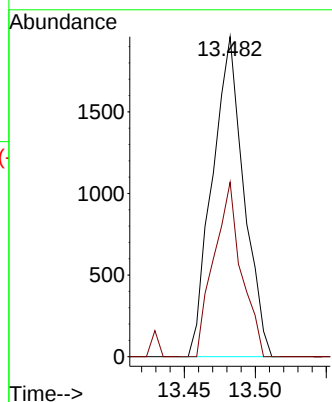
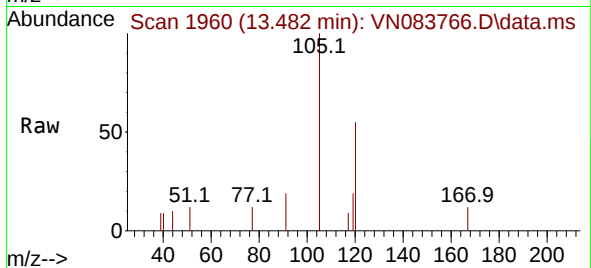
VN0910WBL03

Tgt Ion:105 Resp: 3024

Ion Ratio Lower Upper

105 100

120 47.6 21.8 65.4



#85

sec-Butylbenzene

Concen: 0.426 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083766.D

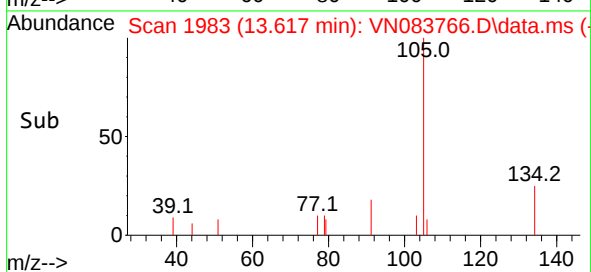
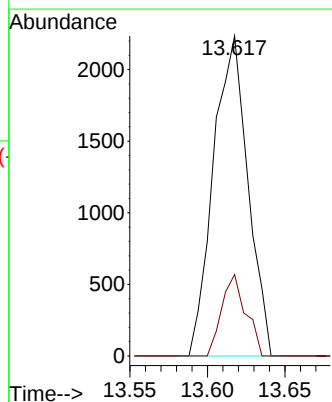
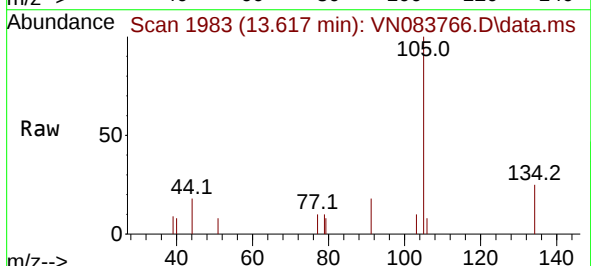
Acq: 11 Sep 2024 02:51

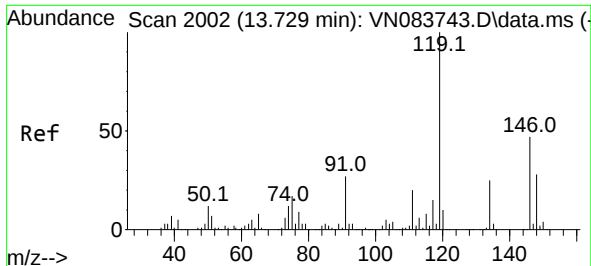
Tgt Ion:105 Resp: 3456

Ion Ratio Lower Upper

105 100

134 17.8 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.475 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL03

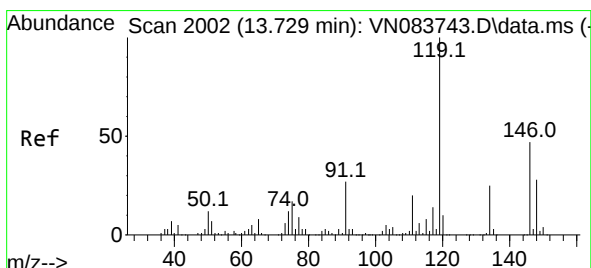
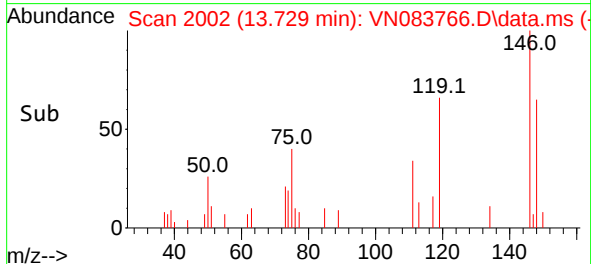
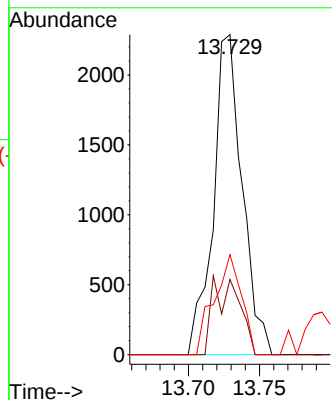
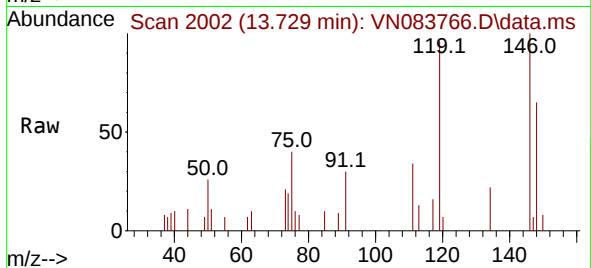
Tgt Ion:119 Resp: 3234

Ion Ratio Lower Upper

119 100

134 22.0 12.8 38.3

91 29.6 12.9 38.7



#87

1,3-Dichlorobenzene

Concen: 1.129 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083766.D

Acq: 11 Sep 2024 02:51

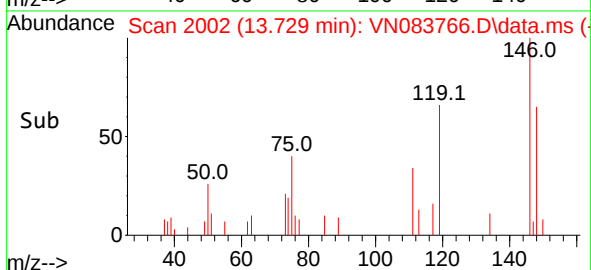
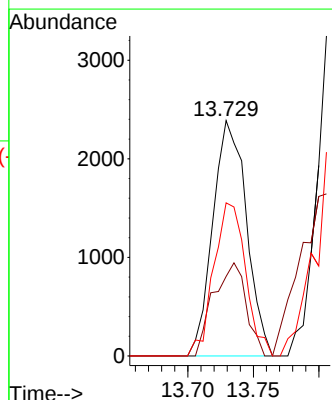
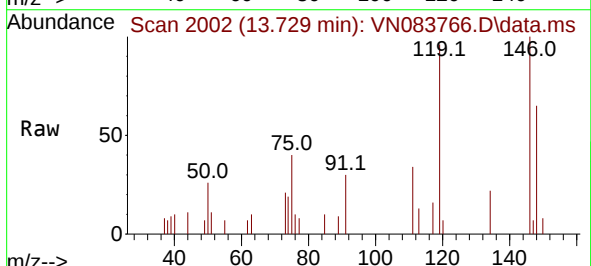
Tgt Ion:146 Resp: 4257

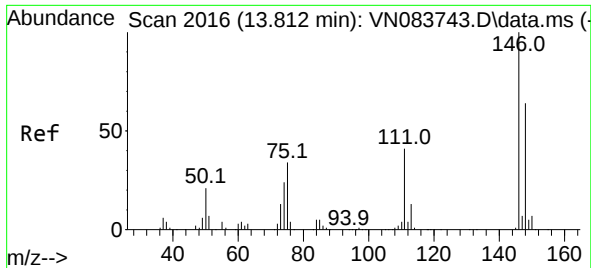
Ion Ratio Lower Upper

146 100

111 38.5 21.7 65.1

148 61.6 31.7 95.1

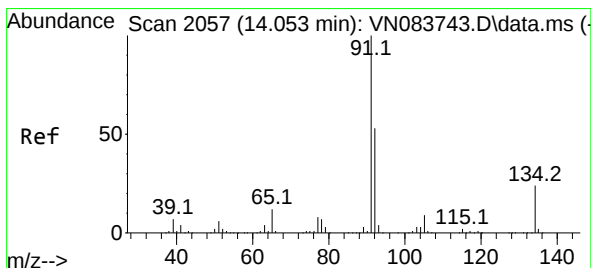
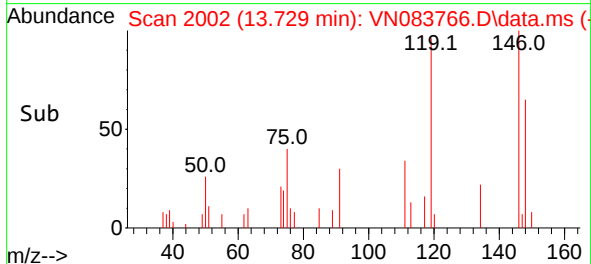
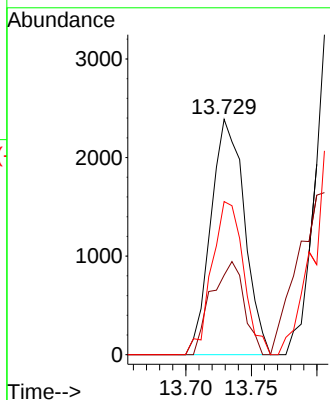
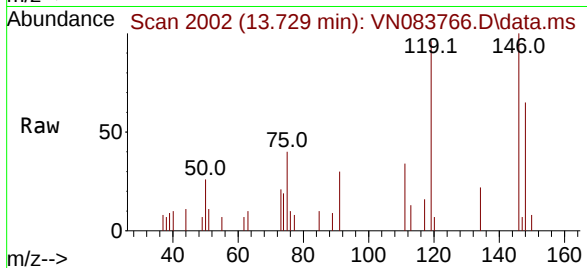




#88
1,4-Dichlorobenzene
Concen: 1.115 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.082 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

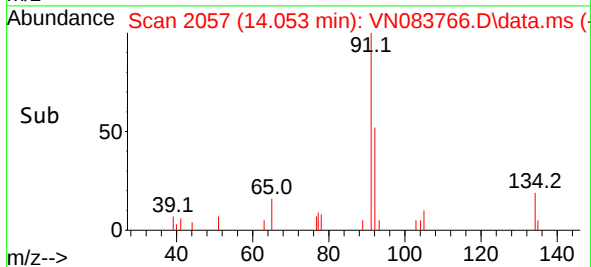
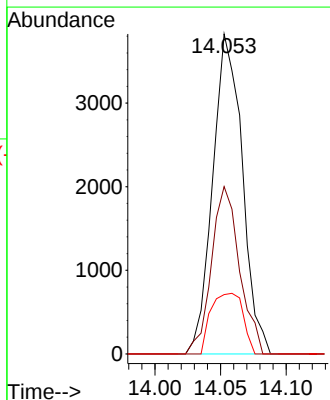
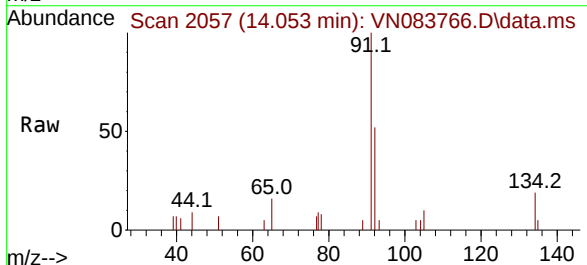
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

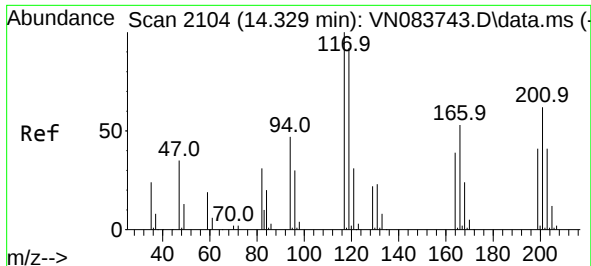
Tgt Ion:146 Resp: 4257
Ion Ratio Lower Upper
146 100
111 38.5 21.3 64.0
148 61.6 32.0 96.2



#89
n-Butylbenzene
Concen: 0.979 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion: 91 Resp: 5985
Ion Ratio Lower Upper
91 100
92 49.8 26.7 80.1
134 20.6 12.2 36.4

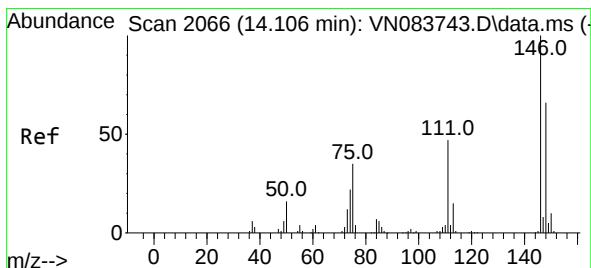
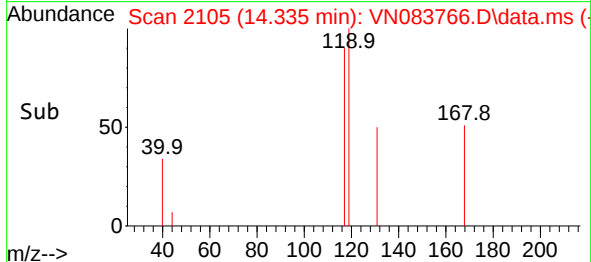
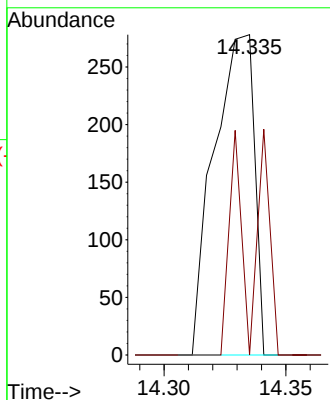
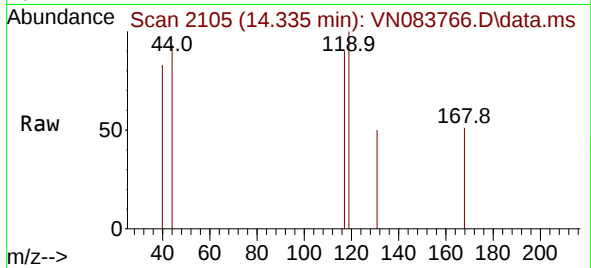




#90
Hexachloroethane
Concen: 0.234 ug/l
RT: 14.335 min Scan# 2104
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

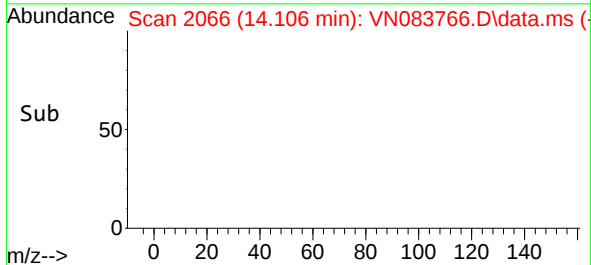
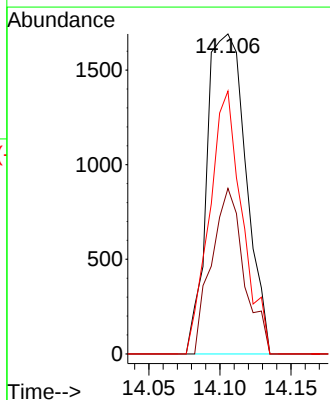
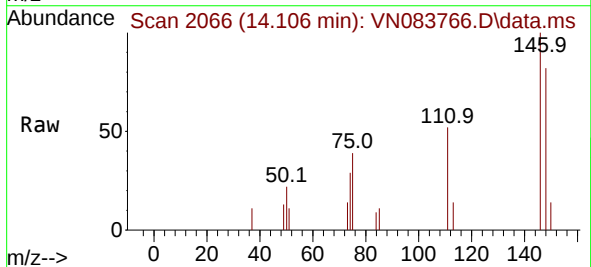
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

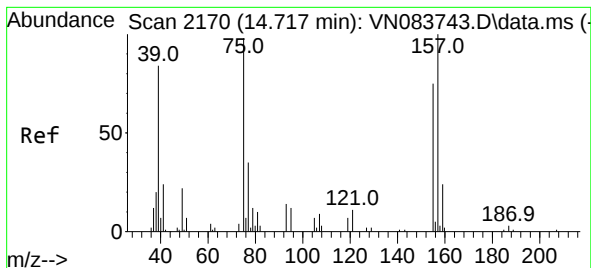
Tgt Ion:117 Resp: 320
Ion Ratio Lower Upper
117 100
201 43.1 32.8 98.3



#91
1,2-Dichlorobenzene
Concen: 0.891 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion:146 Resp: 3242
Ion Ratio Lower Upper
146 100
111 43.2 22.8 68.3
148 69.0 32.1 96.5

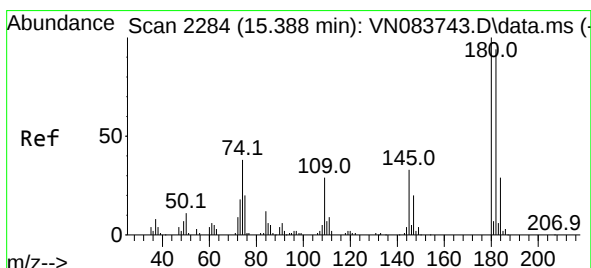
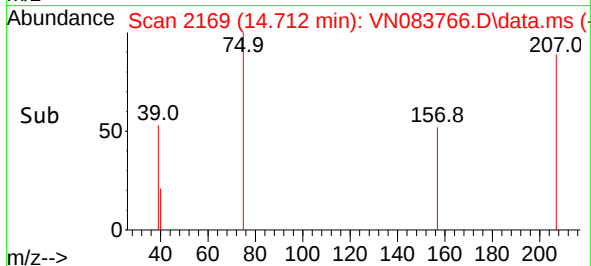
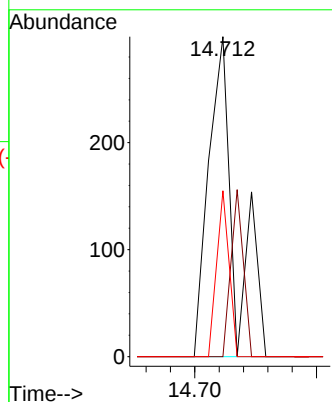
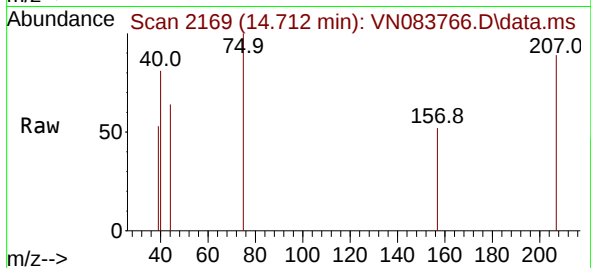




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.461 ug/l
 RT: 14.712 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

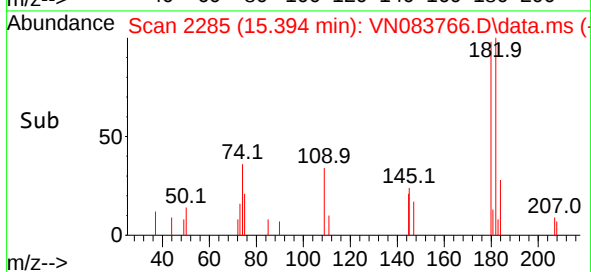
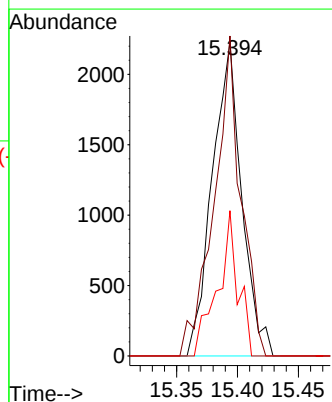
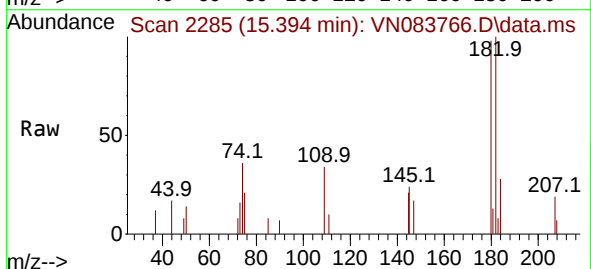
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL03

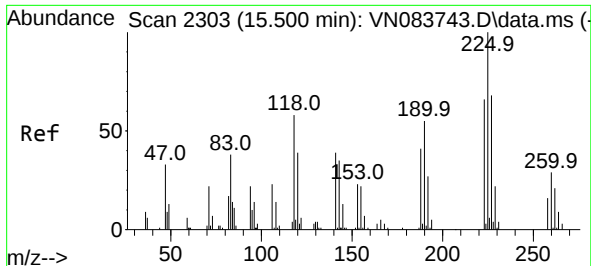
Tgt Ion: 75 Resp: 224
 Ion Ratio Lower Upper
 75 100
 155 24.6 35.9 107.7#
 157 24.6 47.5 142.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.922 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

Tgt Ion: 180 Resp: 3753
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.1 144.3
 145 32.1 16.9 50.7

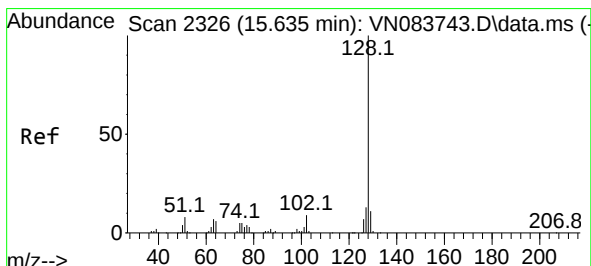
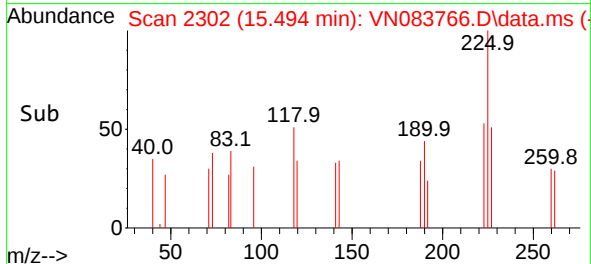
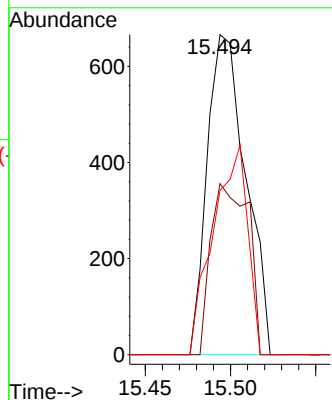
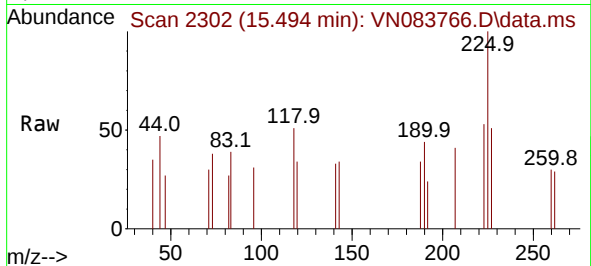




#94
Hexachlorobutadiene
Concen: 1.268 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

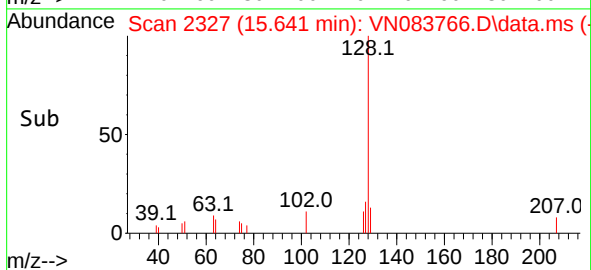
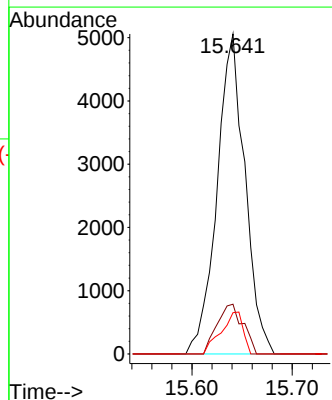
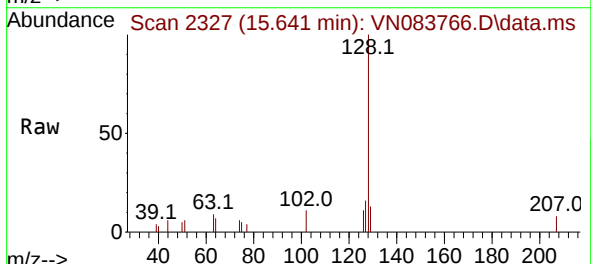
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL03

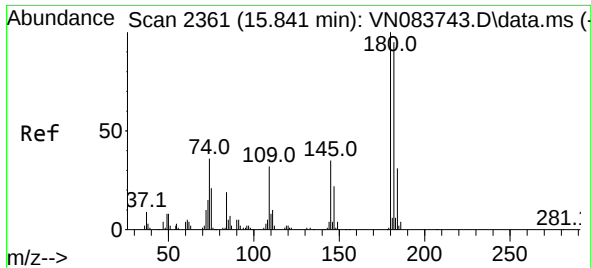
Tgt Ion:	225	Resp:	1052
Ion	Ratio	Lower	Upper
225	100		
223	51.9	31.9	95.5
227	58.1	32.0	96.2



#95
Naphthalene
Concen: 1.645 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083766.D
Acq: 11 Sep 2024 02:51

Tgt Ion:	128	Resp:	9777
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.2
129	10.3	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.950 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083766.D
 Acq: 11 Sep 2024 02:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL03

Tgt Ion:	180	Resp:	3640
Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.1	141.4
145	34.3	17.8	53.5

