

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083935.D
 Acq On : 17 Sep 2024 11:07
 Operator : JC\MD
 Sample : VN0917WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Quant Time: Sep 18 01:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-8.22
34) 1,4-Difluorobenzene	8.865	114	231830	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	198025	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	96150	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.365	65	2224	0.000	ug/l	-0.21
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	7.794	113	73511	49.531	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	10.453	98	256468	49.986	ug/l	-0.11
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	8.024	75	41520	18.587	ug/l	99
37) Ethyl Acetate	7.400	43	16006	7.894	ug/l #	68
38) Carbon Tetrachloride	8.006	117	47975	18.930	ug/l	95
39) Methylcyclohexane	9.400	83	44520	17.509	ug/l	98
40) Benzene	8.289	78	127132	18.908	ug/l	99
41) Methacrylonitrile	7.394	41	42277	35.252	ug/l #	49
42) 1,2-Dichloroethane	8.371	62	51865	20.644	ug/l	99
43) Isopropyl Acetate	8.412	43	84330	22.951	ug/l	99
44) Trichloroethene	9.130	130	30055	19.303	ug/l	99
45) 1,2-Dichloropropane	9.436	63	32177	19.800	ug/l	91
46) Dibromomethane	9.524	93	23687	20.810	ug/l	98
47) Bromodichloromethane	9.724	83	51917	21.075	ug/l	99
48) Methyl methacrylate	9.412	41	44525	25.541	ug/l #	57
49) 1,4-Dioxane	9.512	88	12512	436.290	ug/l #	98
51) 4-Methyl-2-Pentanone	10.330	43	233018	116.499	ug/l	97
52) Toluene	10.518	92	80422	19.555	ug/l	96
53) t-1,3-Dichloropropene	10.747	75	50844	20.363	ug/l	97
54) cis-1,3-Dichloropropene	10.183	75	51897	19.786	ug/l	92
55) 1,1,2-Trichloroethane	10.930	97	31271	20.367	ug/l	93
56) Ethyl methacrylate	10.788	69	50622	21.430	ug/l	96
57) 1,3-Dichloropropane	11.082	76	54037	20.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.030	63	104605	122.896	ug/l	97
59) 2-Hexanone	11.124	43	172041	116.277	ug/l	97
60) Dibromochloromethane	11.288	129	36763	21.395	ug/l	99
61) 1,2-Dibromoethane	11.394	107	30844	20.143	ug/l	100
64) Tetrachloroethene	11.018	164	26585	20.187	ug/l	98
65) Chlorobenzene	11.835	112	84704	19.246	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.912	131	29863	19.572	ug/l	98
67) Ethyl Benzene	11.918	91	151318	19.354	ug/l	98
68) m/p-Xylenes	12.024	106	113339	39.046	ug/l	99
69) o-Xylene	12.359	106	55677	19.814	ug/l	100
70) Styrene	12.377	104	93367	20.246	ug/l	98
71) Bromoform	12.547	173	24079	23.419	ug/l #	100
73) Isopropylbenzene	12.665	105	142274	19.126	ug/l	99
74) N-amyl acetate	12.471	43	66539	20.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.918	83	44361	20.297	ug/l	97

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Instrument :
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 VN0917WBSD01

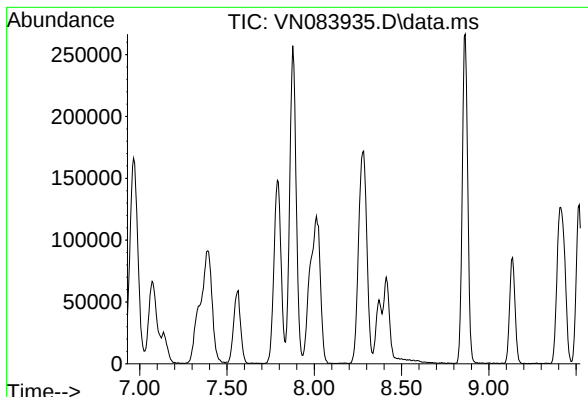
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.971	75	59535	30.686	ug/l	61
77) Bromobenzene	12.953	156	33640	18.787	ug/l	96
78) n-propylbenzene	13.012	91	171293	19.791	ug/l	99
79) 2-Chlorotoluene	13.100	91	107669	19.506	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	120037	19.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.712	75	15532	20.968	ug/l	92
82) 4-Chlorotoluene	13.200	91	107839	19.468	ug/l	99
83) tert-Butylbenzene	13.424	119	104456	19.037	ug/l	96
84) 1,2,4-Trimethylbenzene	13.465	105	123150	19.548	ug/l	98
85) sec-Butylbenzene	13.600	105	142853	19.631	ug/l	100
86) p-Isopropyltoluene	13.718	119	119253	19.550	ug/l	99
87) 1,3-Dichlorobenzene	13.718	146	63067	18.663	ug/l	98
88) 1,4-Dichlorobenzene	13.800	146	62264	18.196	ug/l	98
89) n-Butylbenzene	14.047	91	107345	19.600	ug/l	97
90) Hexachloroethane	14.323	117	23232	18.946	ug/l	100
91) 1,2-Dichlorobenzene	14.094	146	61394	18.825	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	9441	21.669	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	31342	17.909	ug/l	99
94) Hexachlorobutadiene	15.500	225	14823	19.944	ug/l	95
95) Naphthalene	15.635	128	103126	19.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31328	18.730	ug/l	98

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

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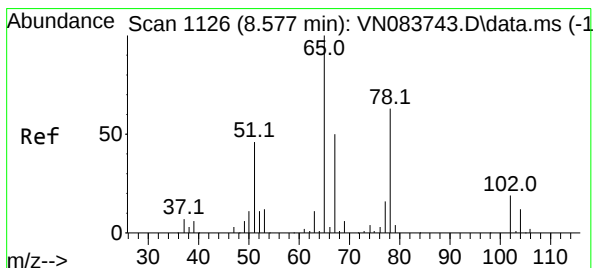
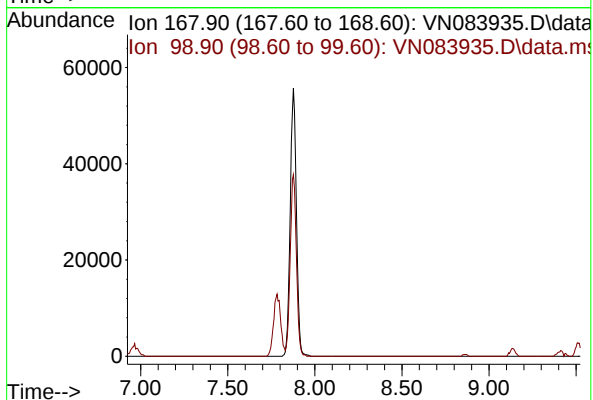




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.22 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

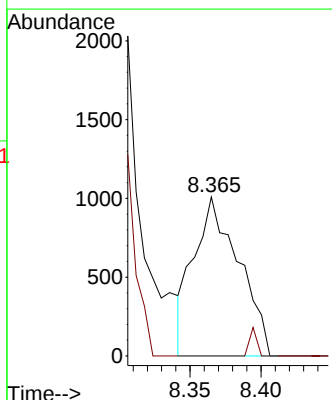
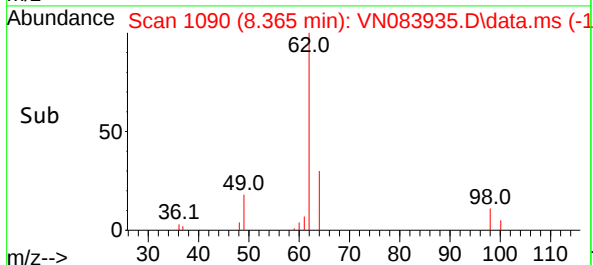
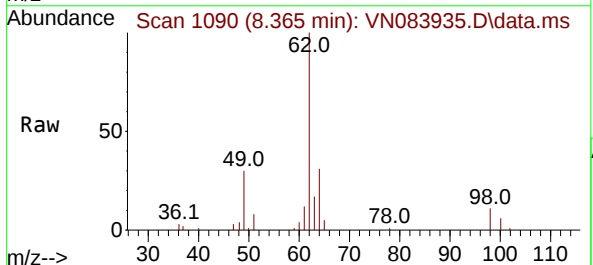
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

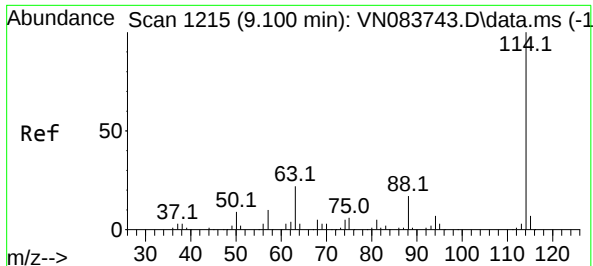
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 67.7



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.212 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Tgt Ion: 65 Resp: 2224
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.865 min Scan# 1175

Delta R.T. -0.235 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

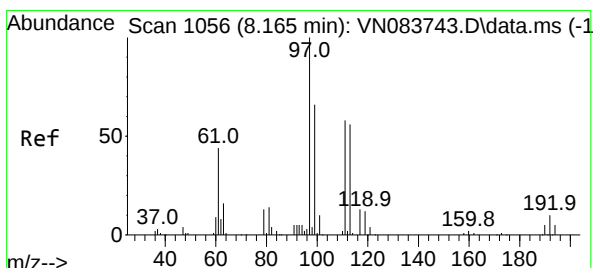
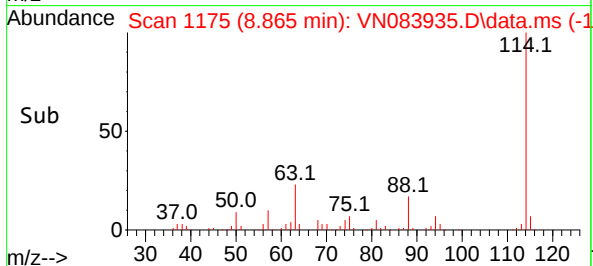
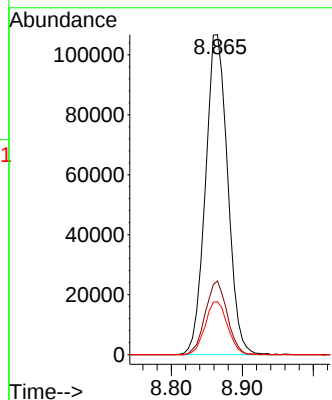
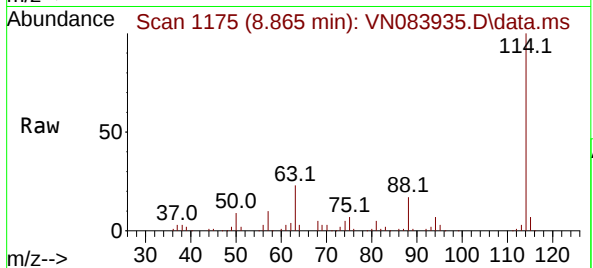
Tgt Ion:114 Resp: 231830

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 7.794 min Scan# 993

Delta R.T. -0.370 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

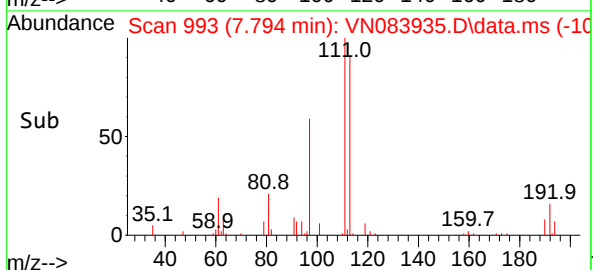
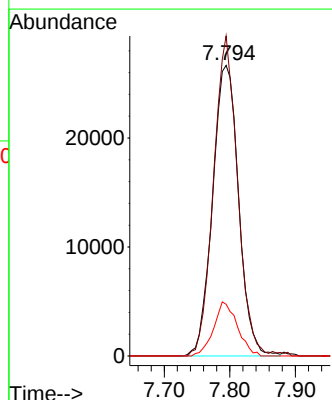
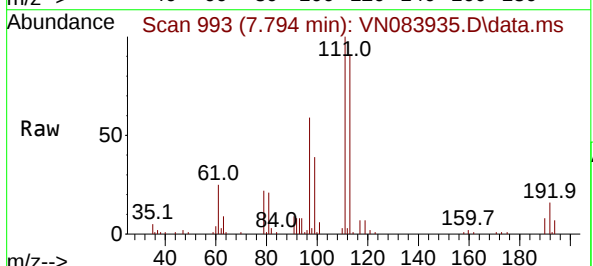
Tgt Ion:113 Resp: 73511

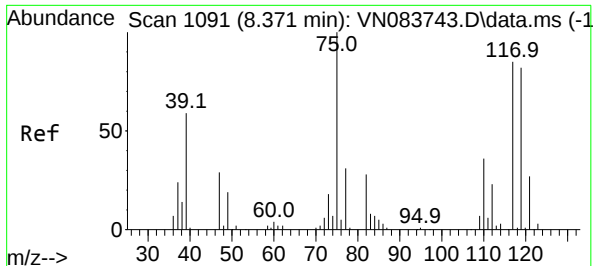
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 18.587 ug/l

RT: 8.024 min Scan# 1032

Delta R.T. -0.347 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

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VN0917WBSD01

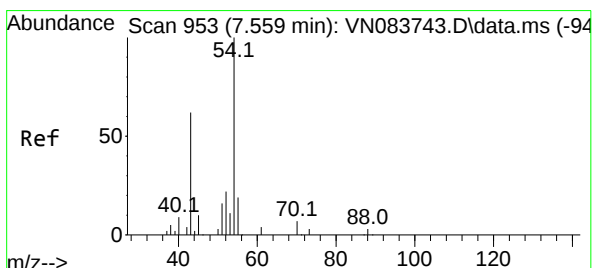
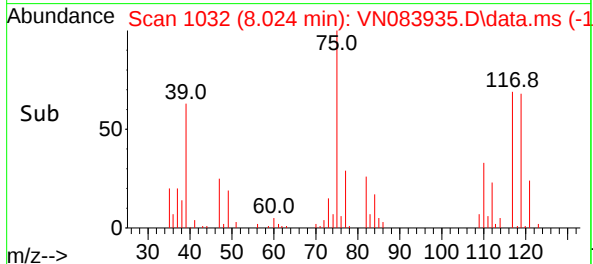
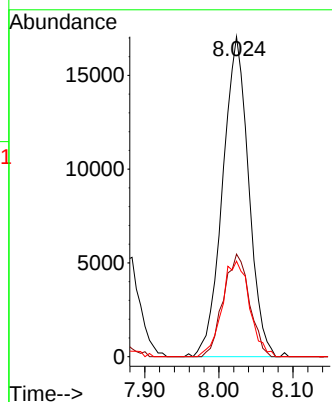
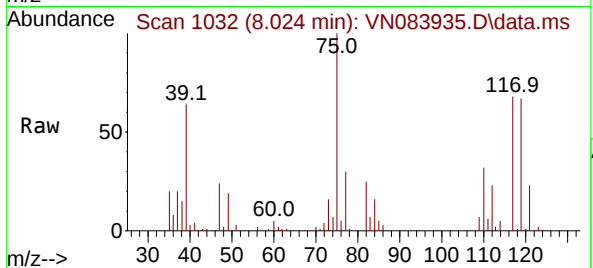
Tgt Ion: 75 Resp: 41520

Ion Ratio Lower Upper

75 100

110 32.2 16.7 50.1

77 31.5 25.2 37.8



#37

Ethyl Acetate

Concen: 7.894 ug/l

RT: 7.400 min Scan# 926

Delta R.T. -0.159 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

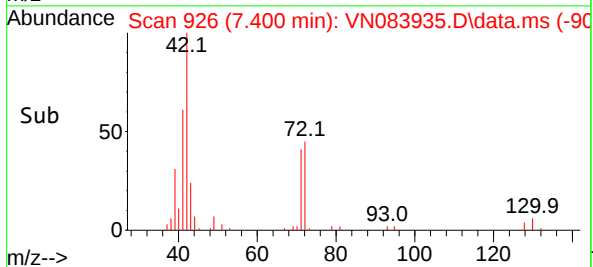
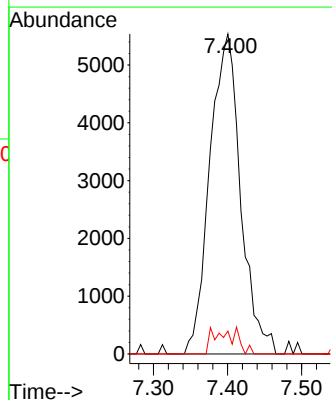
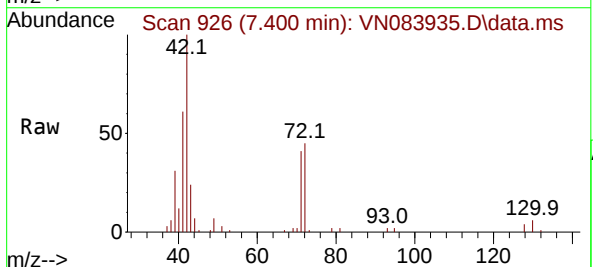
Tgt Ion: 43 Resp: 16006

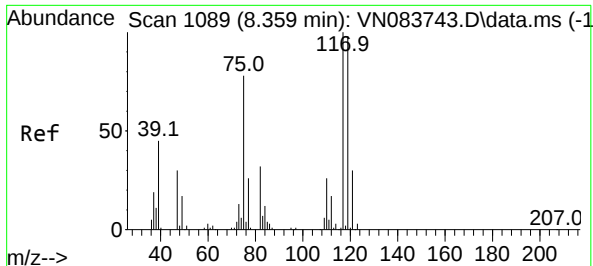
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

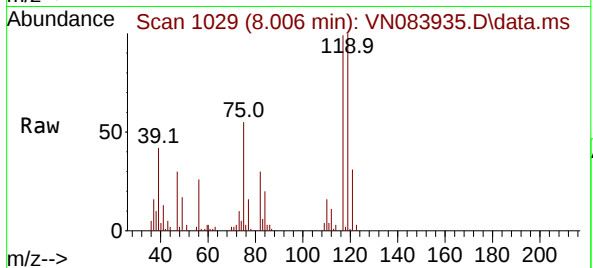
70 0.0 8.8 13.2#



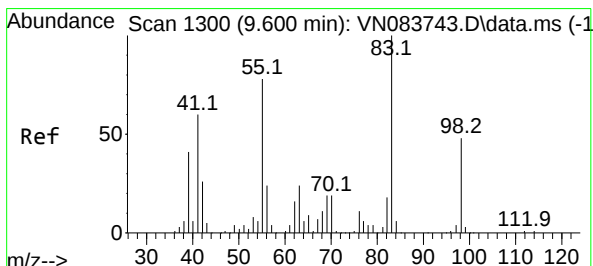
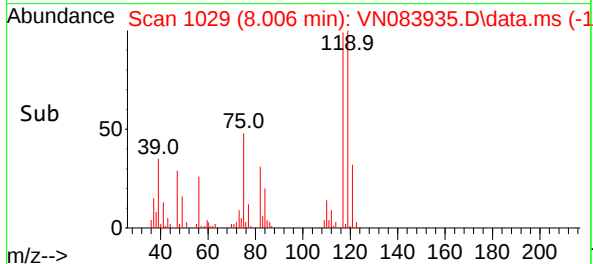
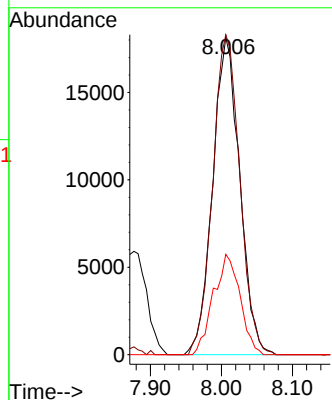


#38
Carbon Tetrachloride
Concen: 18.930 ug/l
RT: 8.006 min Scan# 11
Delta R.T. -0.353 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

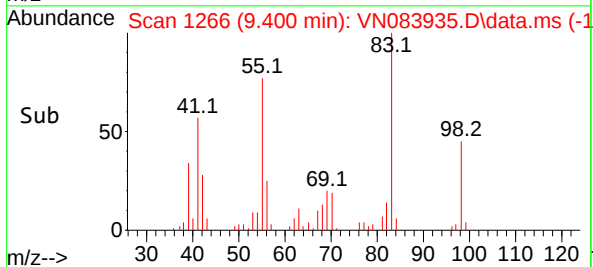
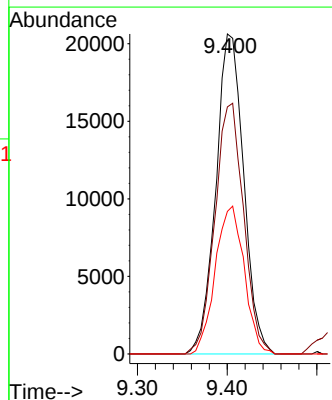
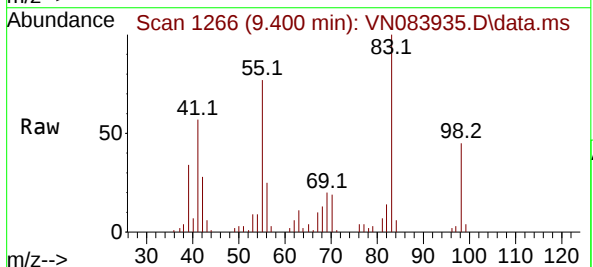


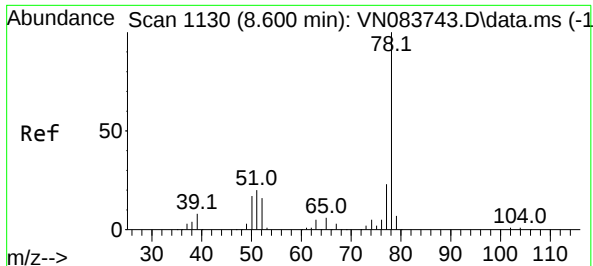
Tgt Ion:117 Resp: 47975
Ion Ratio Lower Upper
117 100
119 100.9 76.1 114.1
121 31.7 24.1 36.1



#39
Methylcyclohexane
Concen: 17.509 ug/l
RT: 9.400 min Scan# 1266
Delta R.T. -0.200 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 83 Resp: 44520
Ion Ratio Lower Upper
83 100
55 77.2 62.2 93.4
98 44.6 37.6 56.4





#40

Benzene

Concen: 18.908 ug/l

RT: 8.289 min Scan# 1

Delta R.T. -0.312 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

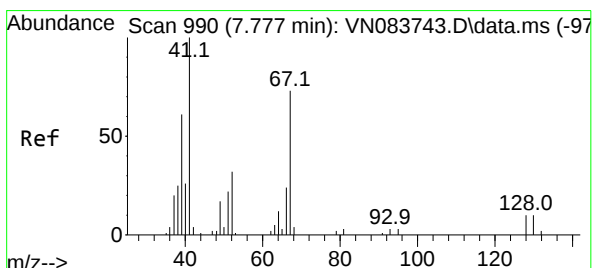
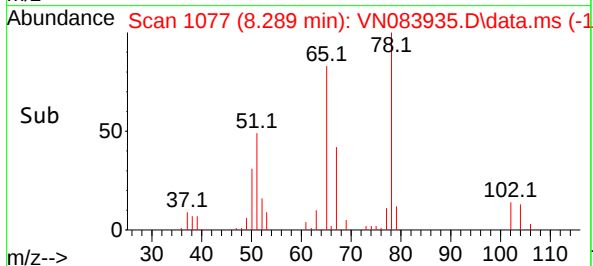
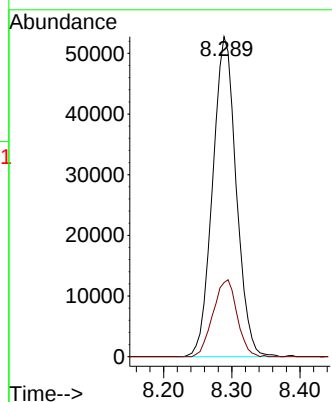
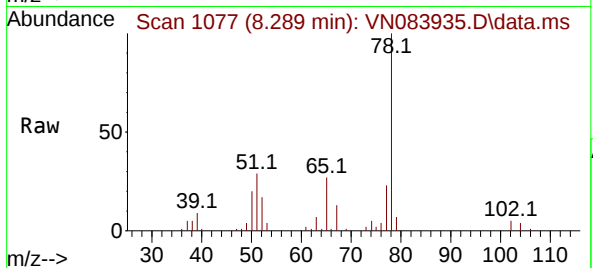
VN0917WBSD01

Tgt Ion: 78 Resp: 127132

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



#41

Methacrylonitrile

Concen: 35.252 ug/l

RT: 7.394 min Scan# 925

Delta R.T. -0.382 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Tgt Ion: 41 Resp: 42277

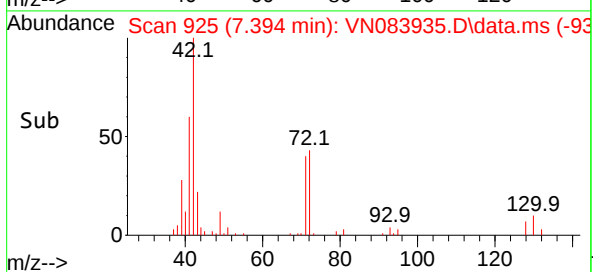
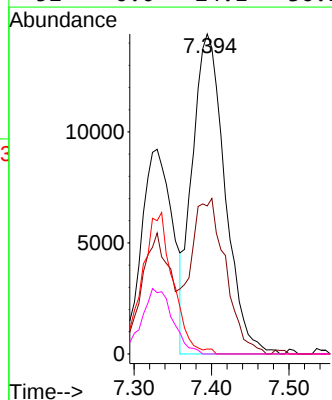
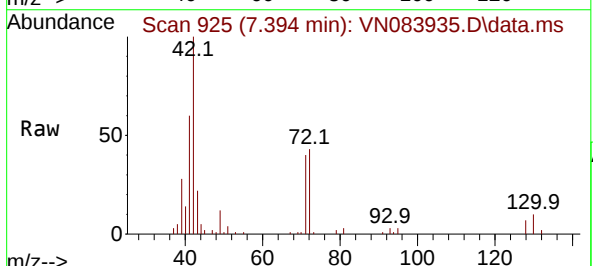
Ion Ratio Lower Upper

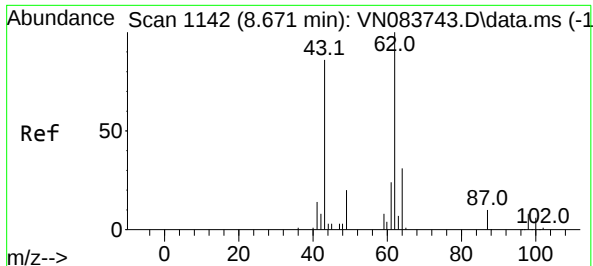
41 100

39 51.1 45.4 68.2

67 0.0 55.9 83.9#

52 0.0 24.1 36.1#





#42

1,2-Dichloroethane

Concen: 20.644 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.300 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

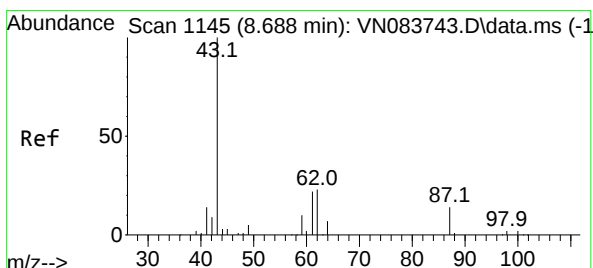
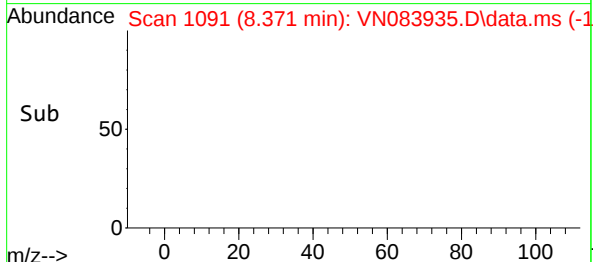
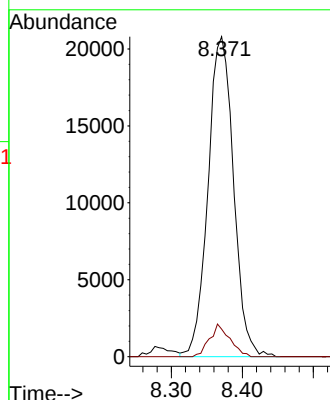
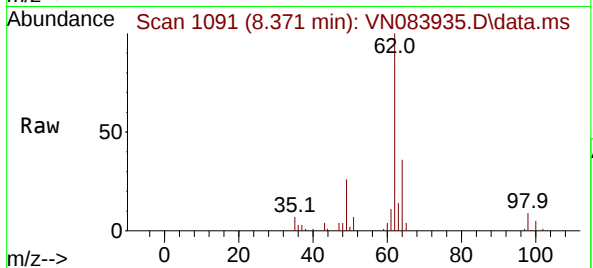
VN0917WBSD01

Tgt Ion: 62 Resp: 51865

Ion Ratio Lower Upper

62 100

98 8.1 0.0 16.6



#43

Isopropyl Acetate

Concen: 22.951 ug/l

RT: 8.412 min Scan# 1098

Delta R.T. -0.276 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

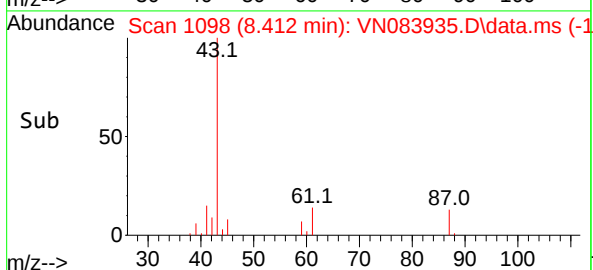
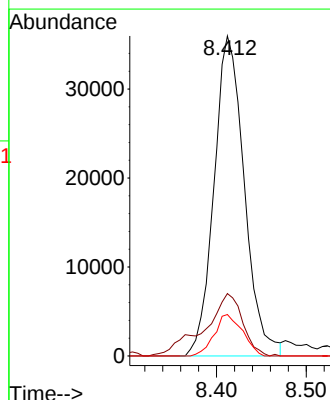
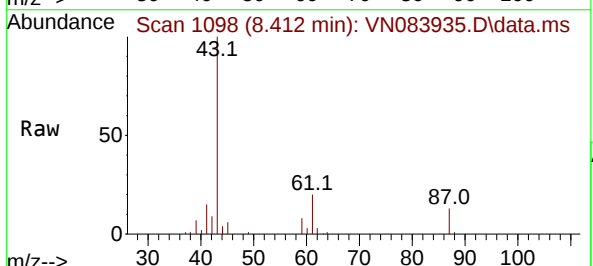
Tgt Ion: 43 Resp: 84330

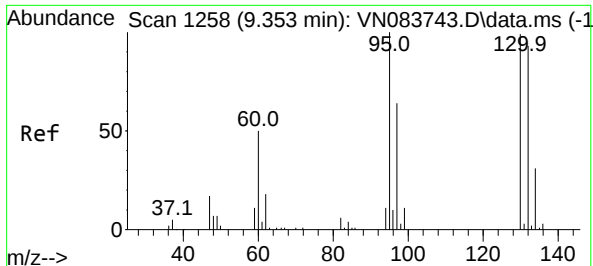
Ion Ratio Lower Upper

43 100

61 24.6 19.4 29.0

87 12.0 9.8 14.6

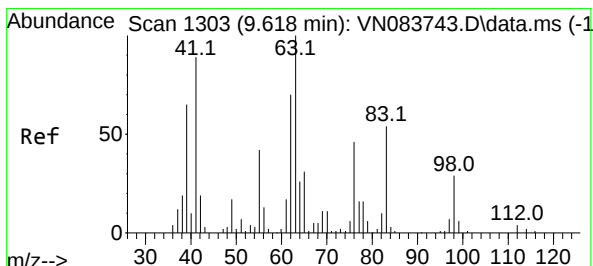
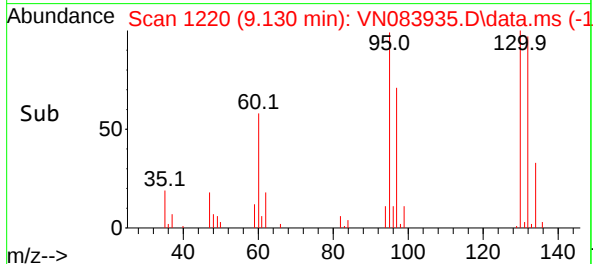
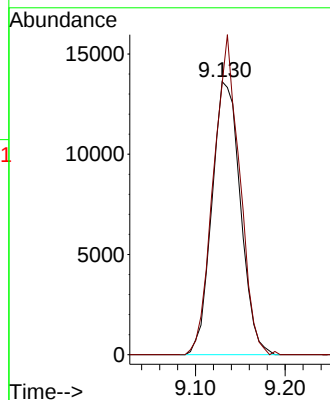
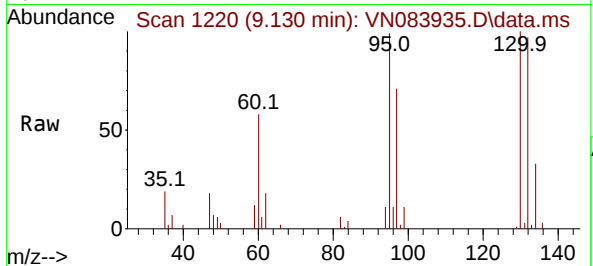




#44
Trichloroethene
Concen: 19.303 ug/l
RT: 9.130 min Scan# 11
Delta R.T. -0.223 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

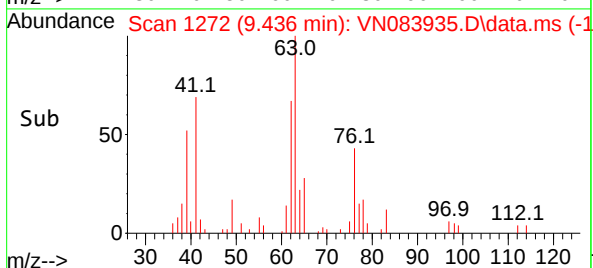
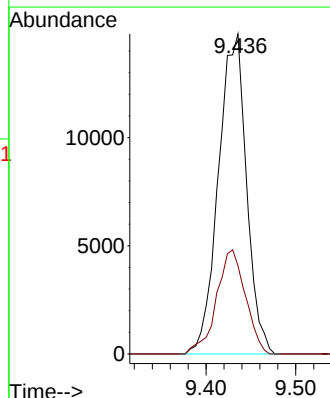
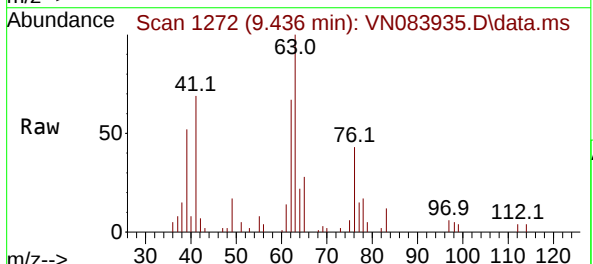
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

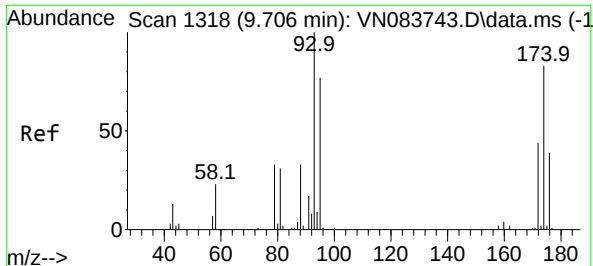
Tgt Ion:130 Resp: 30055
Ion Ratio Lower Upper
130 100
95 99.1 0.0 200.4



#45
1,2-Dichloropropane
Concen: 19.800 ug/l
RT: 9.436 min Scan# 1272
Delta R.T. -0.182 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 63 Resp: 32177
Ion Ratio Lower Upper
63 100
65 27.6 25.9 38.9

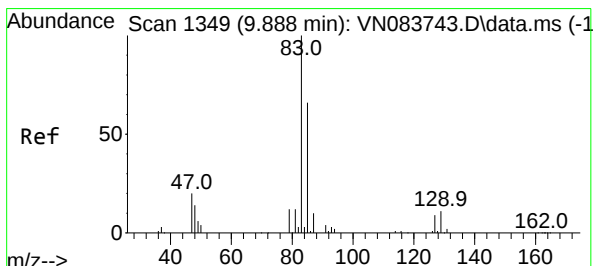
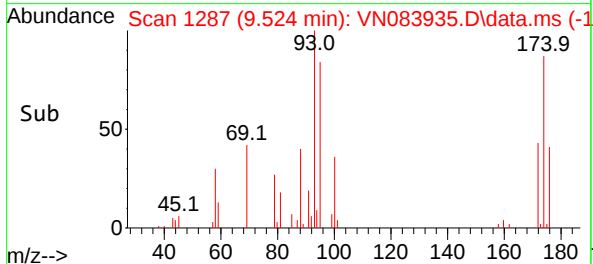
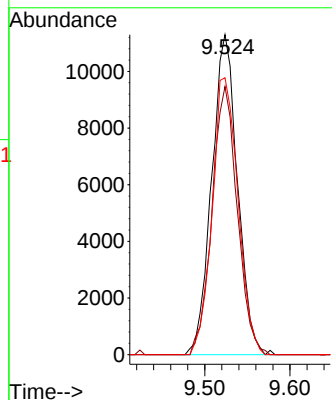
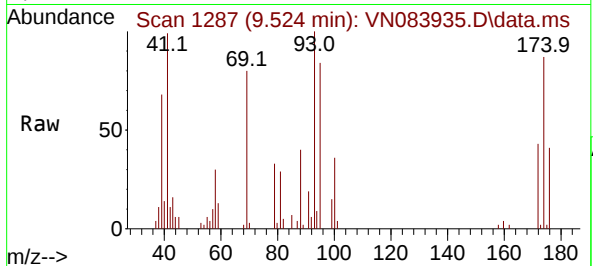




#46
Dibromomethane
Concen: 20.810 ug/l
RT: 9.524 min Scan# 1327
Delta R.T. -0.182 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

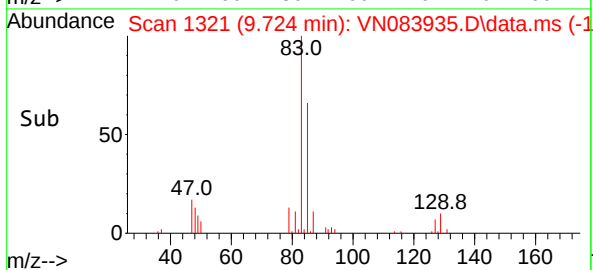
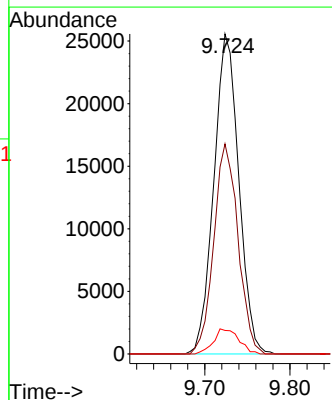
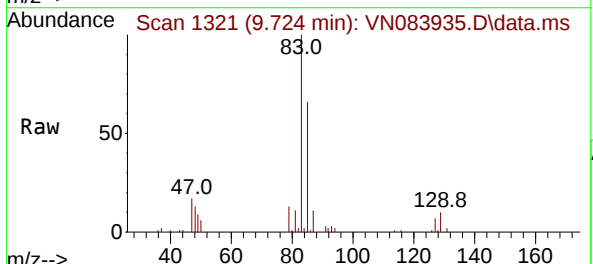
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

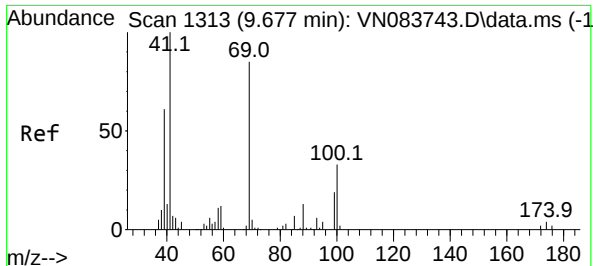
Tgt Ion: 93 Resp: 23687
Ion Ratio Lower Upper
93 100
95 82.6 65.3 97.9
174 86.8 71.0 106.4



#47
Bromodichloromethane
Concen: 21.075 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. -0.165 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 83 Resp: 51917
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8
127 7.4 6.6 9.8

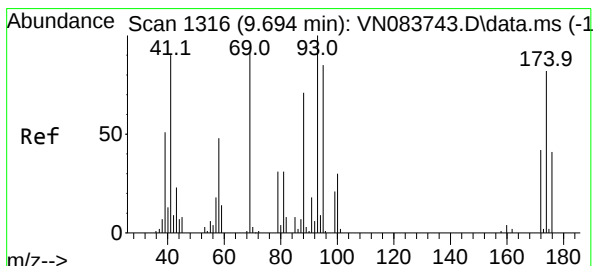
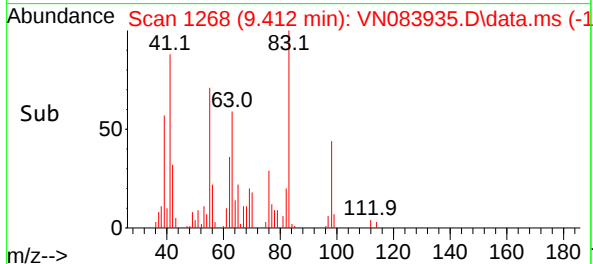
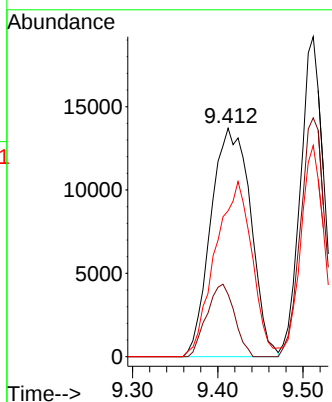
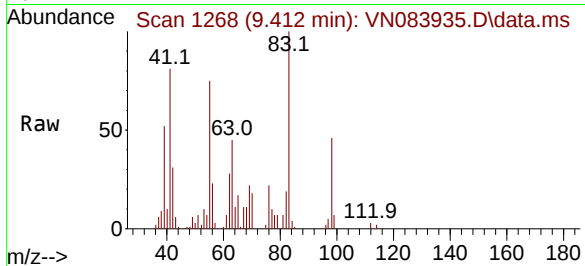




#48
Methyl methacrylate
Concen: 25.541 ug/l
RT: 9.412 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

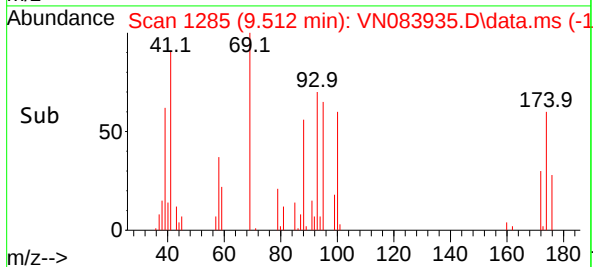
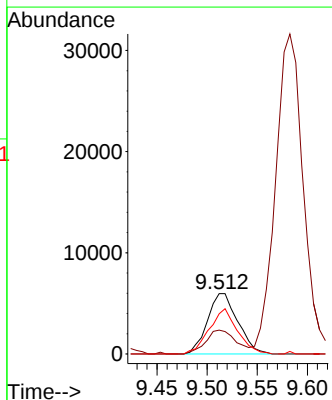
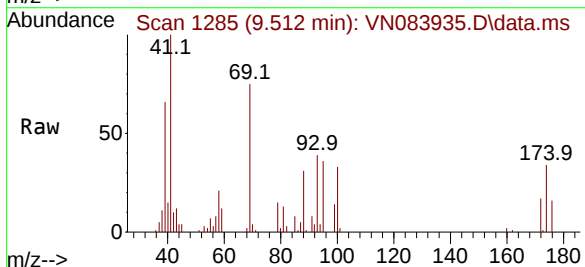
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

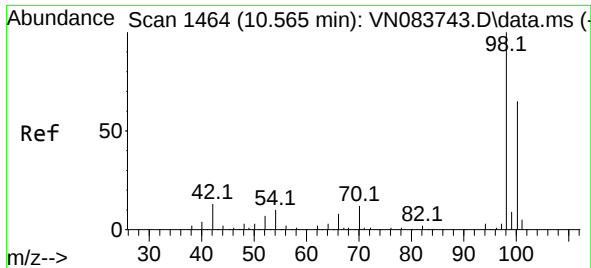
Tgt Ion: 41 Resp: 44525
Ion Ratio Lower Upper
41 100
69 22.0 64.3 96.5#
39 70.8 48.9 73.3



#49
1,4-Dioxane
Concen: 436.290 ug/l
RT: 9.512 min Scan# 1285
Delta R.T. -0.182 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 88 Resp: 12512
Ion Ratio Lower Upper
88 100
43 39.4 0.0 0.0#
58 69.9 57.1 85.7

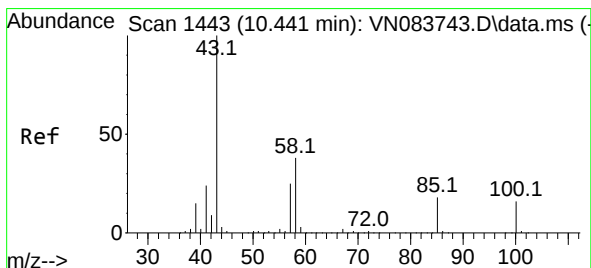
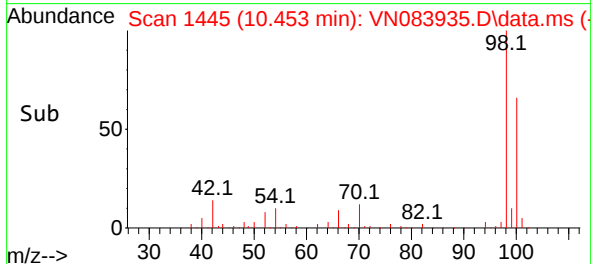
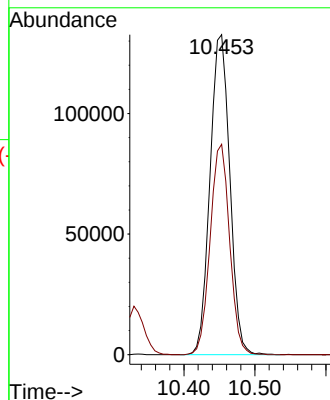
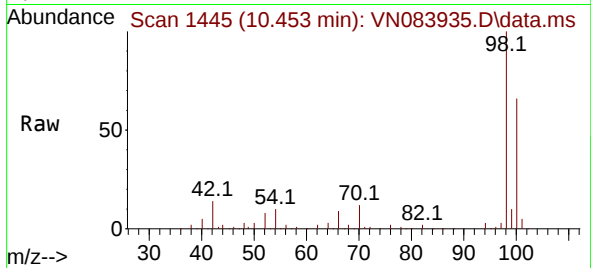




#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.453 min Scan# 1464
Delta R.T. -0.112 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

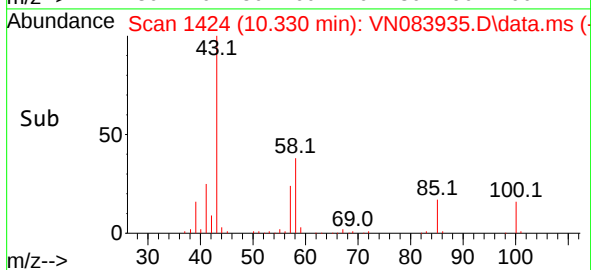
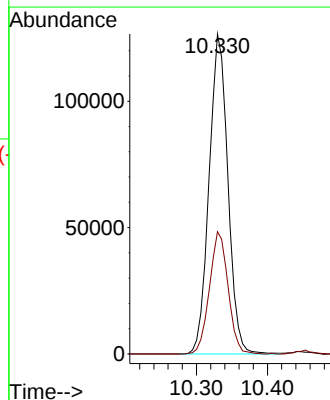
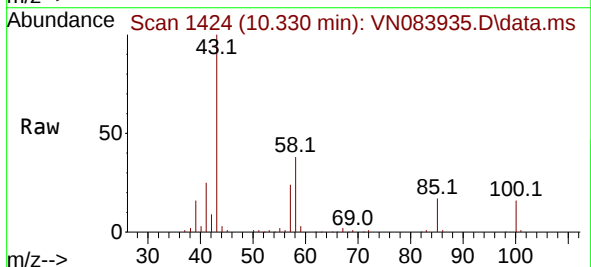
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

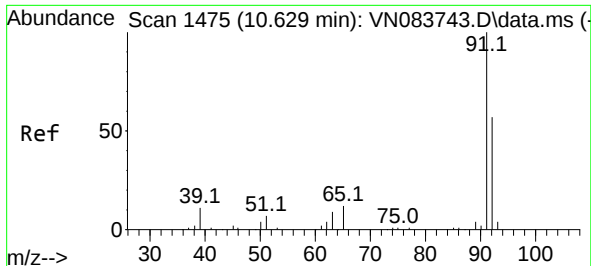
Tgt Ion: 98 Resp: 256468
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 116.499 ug/l
RT: 10.330 min Scan# 1424
Delta R.T. -0.112 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 43 Resp: 233018
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

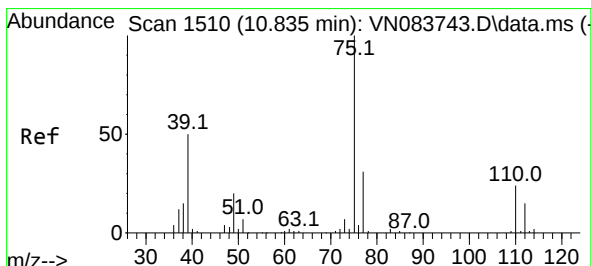
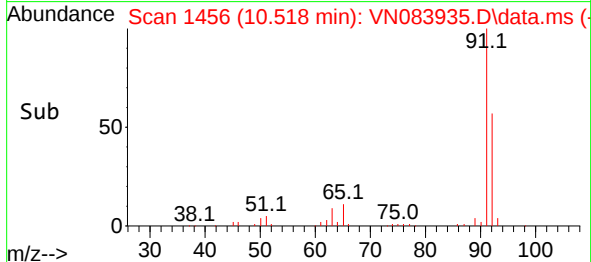
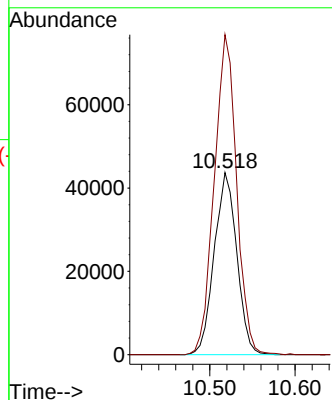
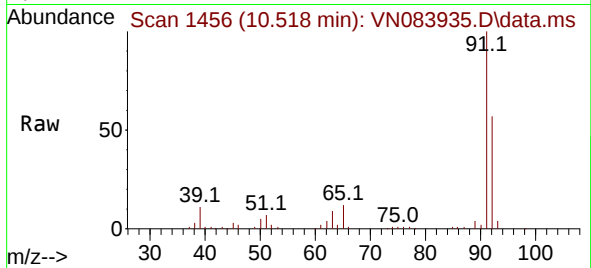




#52
Toluene
Concen: 19.555 ug/l
RT: 10.518 min Scan# 1475
Delta R.T. -0.112 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

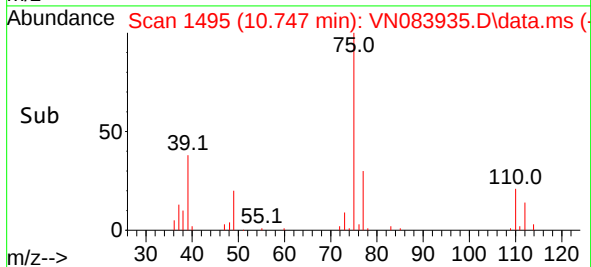
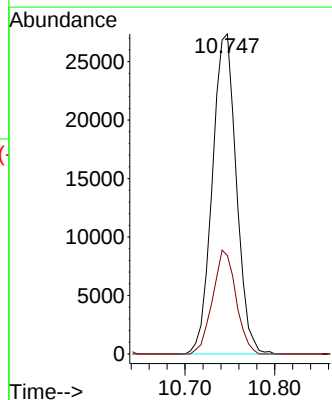
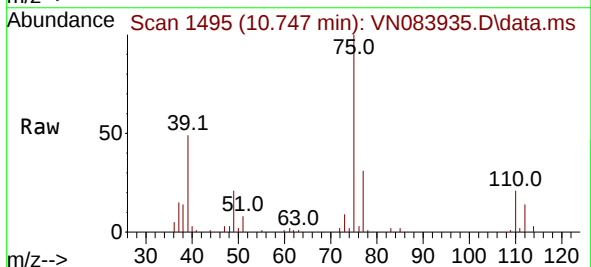
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

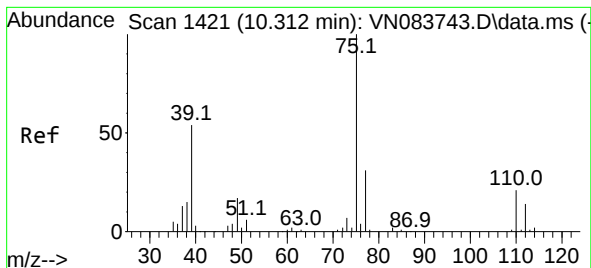
Tgt Ion: 92 Resp: 80422
Ion Ratio Lower Upper
92 100
91 173.9 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 20.363 ug/l
RT: 10.747 min Scan# 1495
Delta R.T. -0.088 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 75 Resp: 50844
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

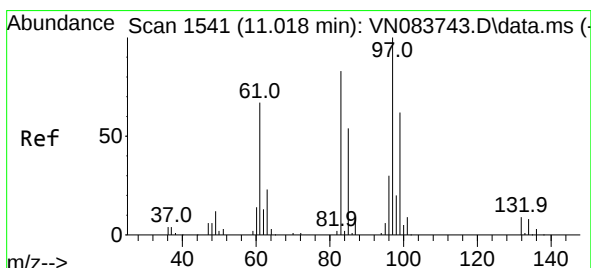
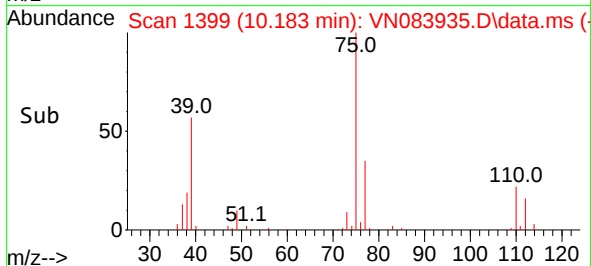
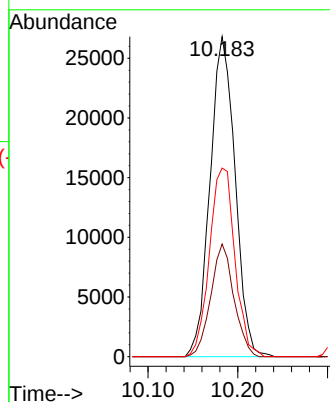
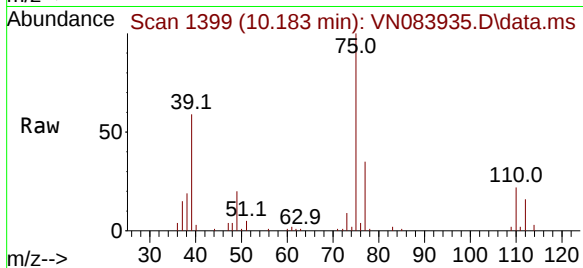




#54
 cis-1,3-Dichloropropene
 Concen: 19.786 ug/l
 RT: 10.183 min Scan# 11
 Delta R.T. -0.129 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

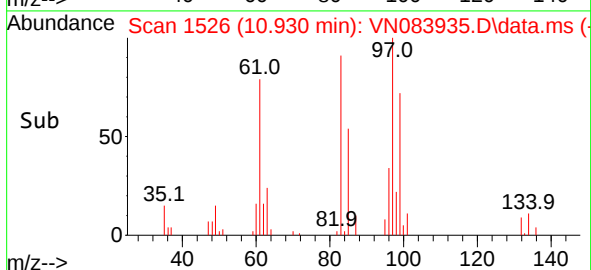
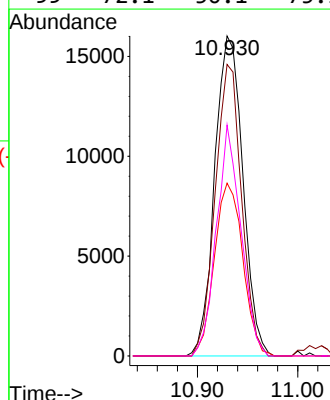
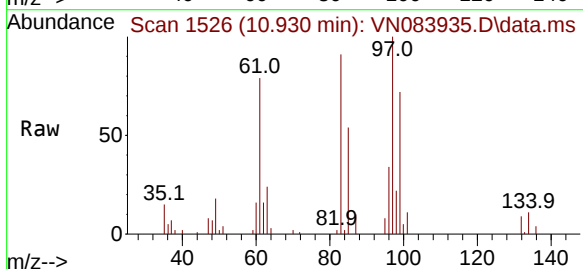
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

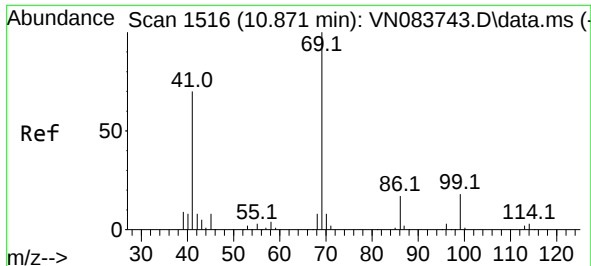
Tgt Ion:	75	Resp:	51897
Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.0	37.6
39	58.9	42.6	64.0



#55
 1,1,2-Trichloroethane
 Concen: 20.367 ug/l
 RT: 10.930 min Scan# 1526
 Delta R.T. -0.088 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Tgt Ion:	97	Resp:	31271
Ion	Ratio	Lower	Upper
97	100		
83	91.1	67.5	101.3
85	54.0	44.2	66.2
99	72.1	50.1	75.1

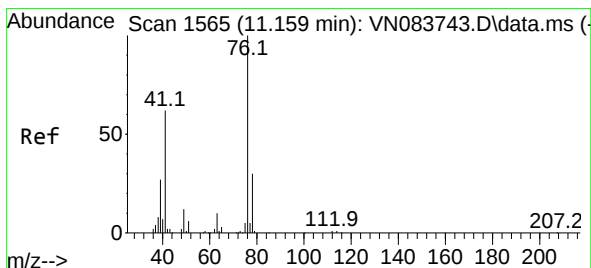
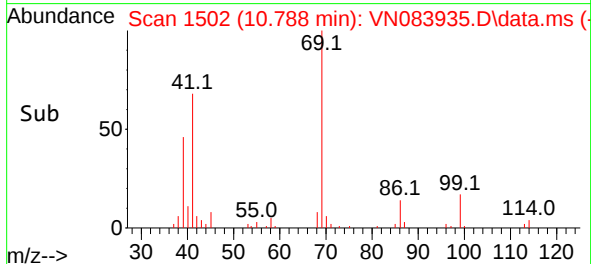
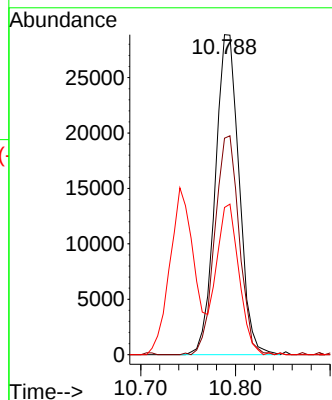
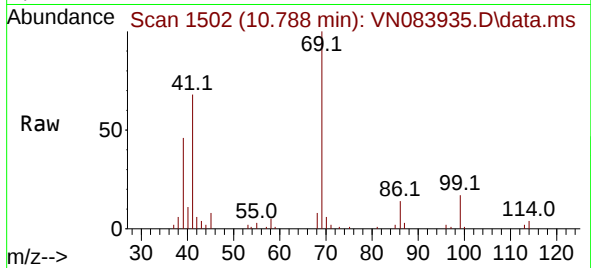




#56
Ethyl methacrylate
Concen: 21.430 ug/l
RT: 10.788 min Scan# 1502
Delta R.T. -0.082 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

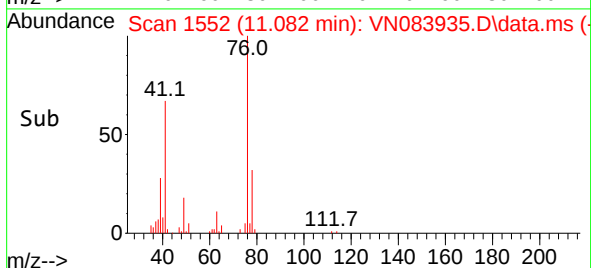
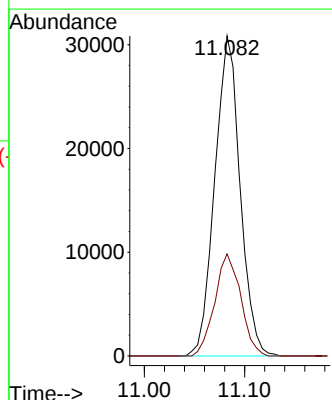
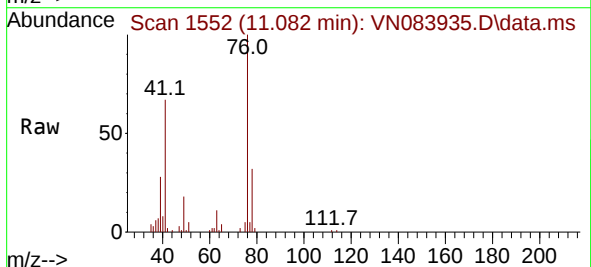
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

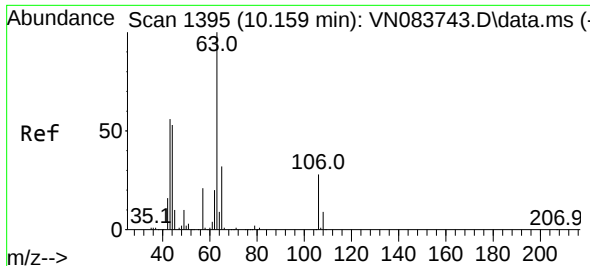
Tgt Ion: 69 Resp: 50622
Ion Ratio Lower Upper
69 100
41 69.9 53.9 80.9
39 44.0 32.6 48.8



#57
1,3-Dichloropropane
Concen: 20.478 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.076 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 76 Resp: 54037
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

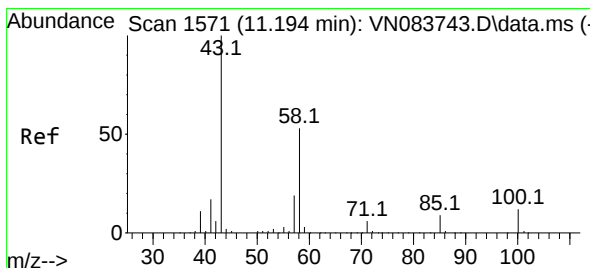
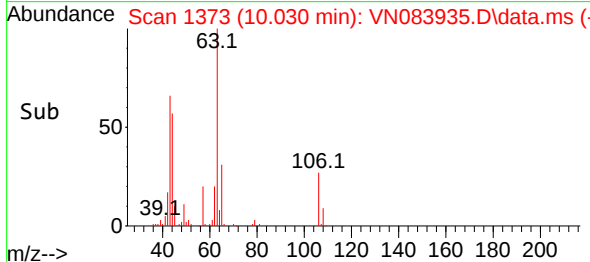
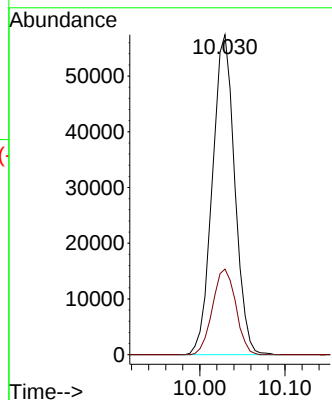
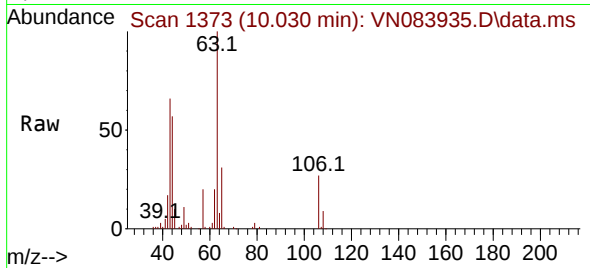




#58
2-Chloroethyl Vinyl ether
Concen: 122.896 ug/l
RT: 10.030 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

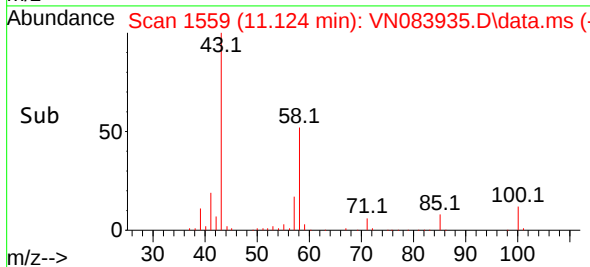
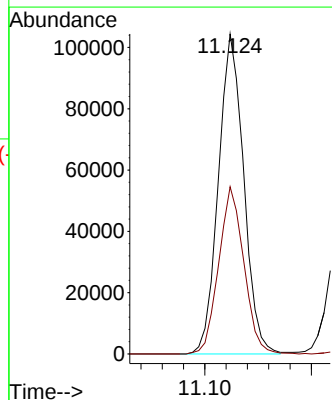
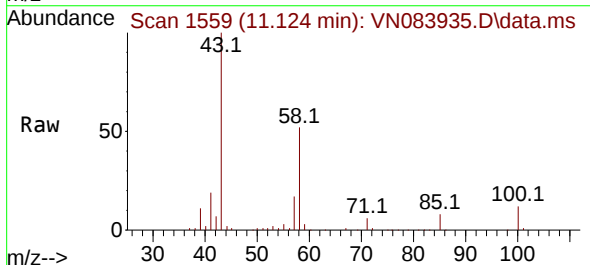
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

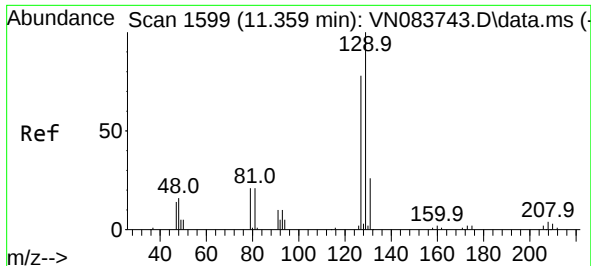
Tgt Ion: 63 Resp: 104605
Ion Ratio Lower Upper
63 100
106 27.8 23.3 34.9



#59
2-Hexanone
Concen: 116.277 ug/l
RT: 11.124 min Scan# 1559
Delta R.T. -0.070 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 43 Resp: 172041
Ion Ratio Lower Upper
43 100
58 51.8 27.2 81.5

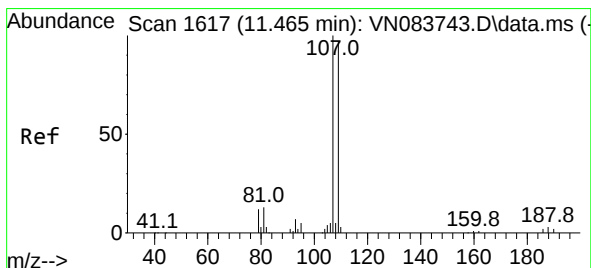
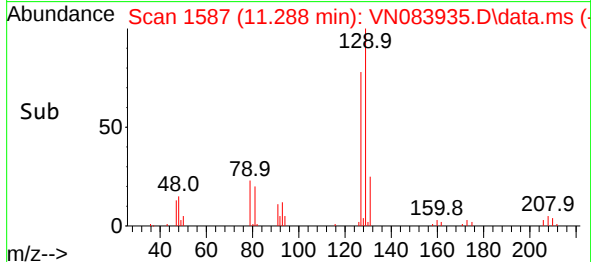
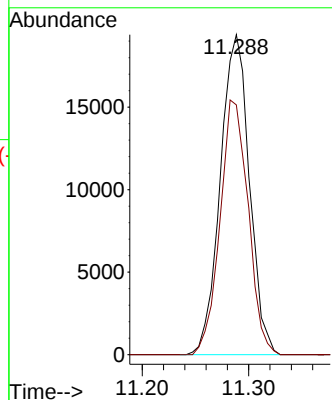
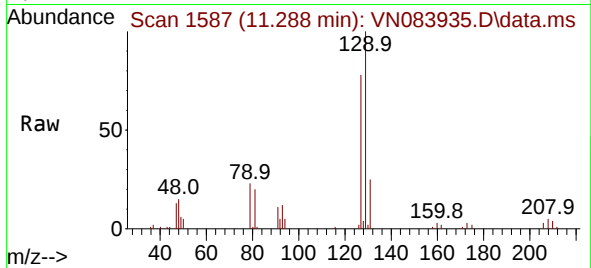




#60
Dibromochloromethane
Concen: 21.395 ug/l
RT: 11.288 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

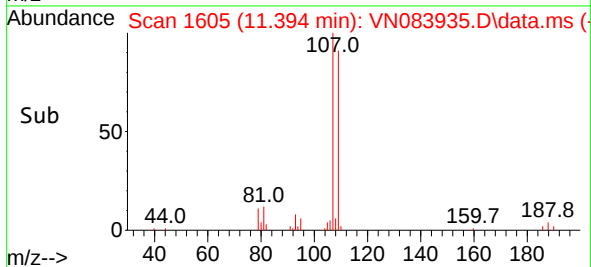
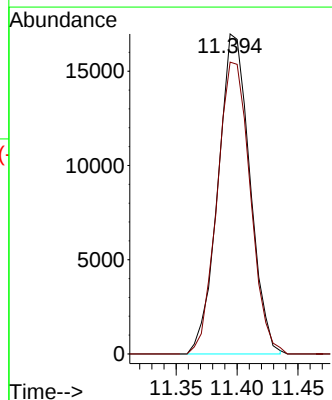
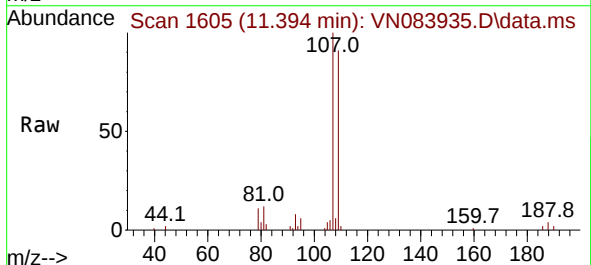
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

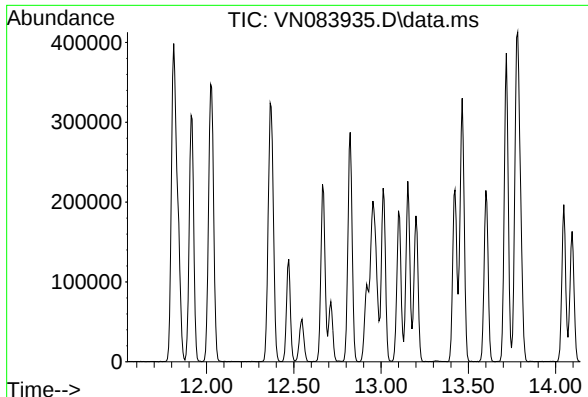
Tgt Ion:129 Resp: 36763
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9



#61
1,2-Dibromoethane
Concen: 20.143 ug/l
RT: 11.394 min Scan# 1605
Delta R.T. -0.070 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion:107 Resp: 30844
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

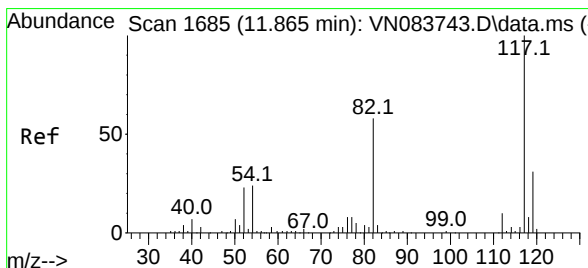
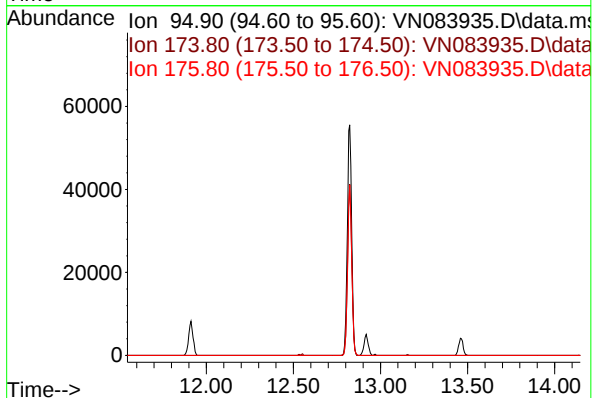




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

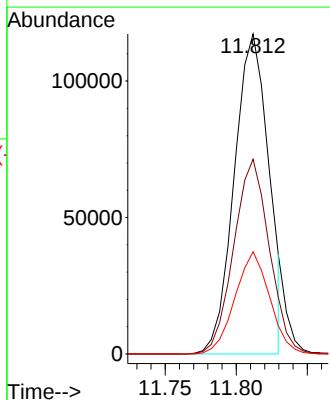
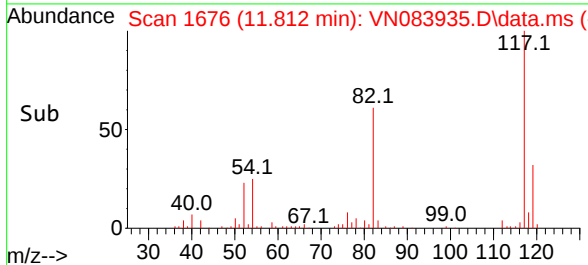
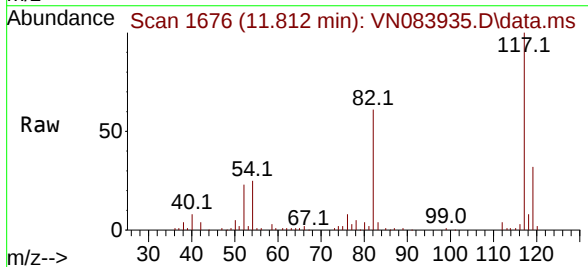
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

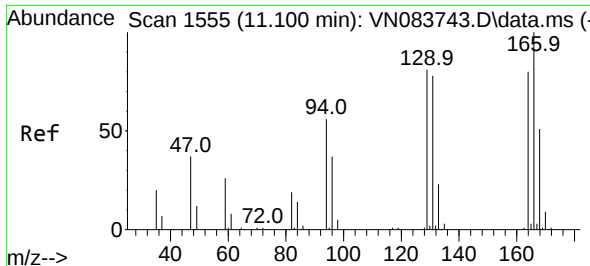
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 69.9
 176 65.7



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 1676
 Delta R.T. -0.053 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Tgt Ion: 117 Resp: 198025
 Ion Ratio Lower Upper
 117 100
 82 60.9 47.4 71.0
 119 31.9 26.3 39.5

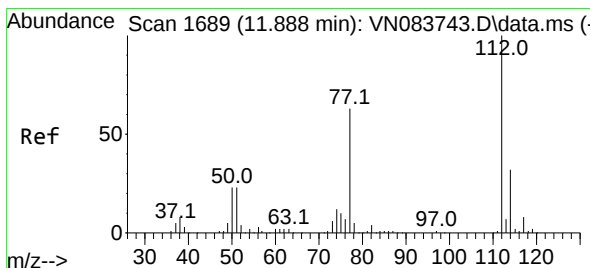
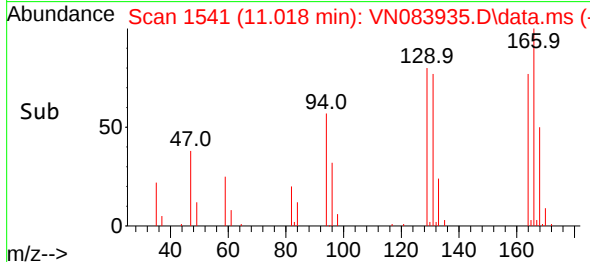
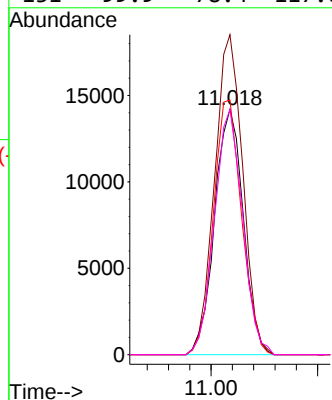
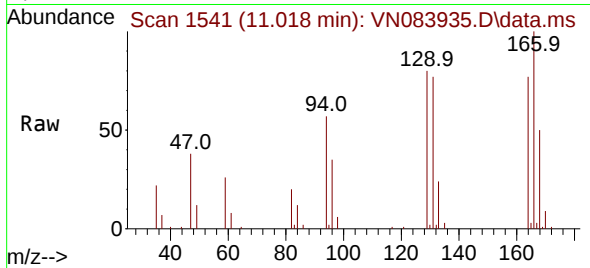




#64
Tetrachloroethene
Concen: 20.187 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

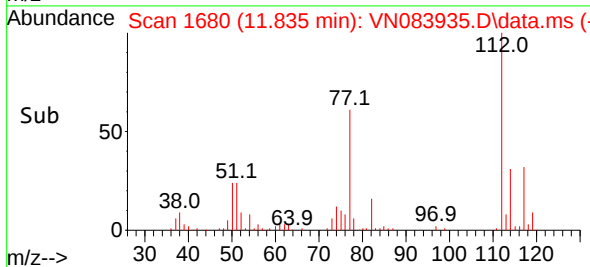
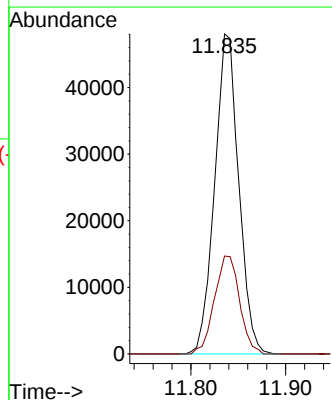
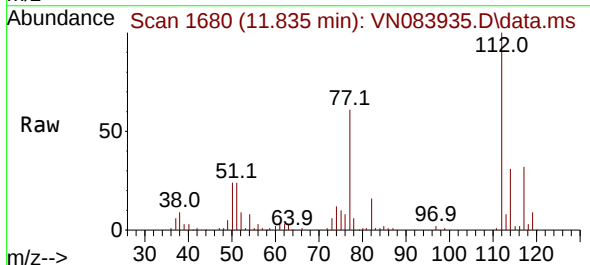
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

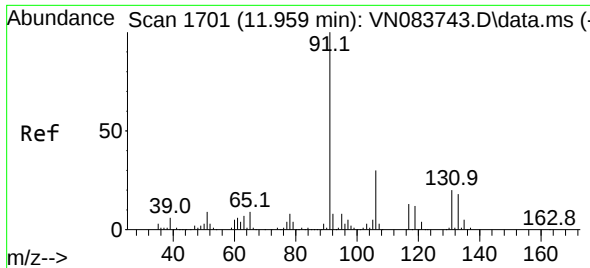
Tgt Ion:164 Resp: 26585
Ion Ratio Lower Upper
164 100
166 130.5 103.7 155.5
129 103.8 79.9 119.9
131 99.9 78.4 117.6



#65
Chlorobenzene
Concen: 19.246 ug/l
RT: 11.835 min Scan# 1680
Delta R.T. -0.053 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion:112 Resp: 84704
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

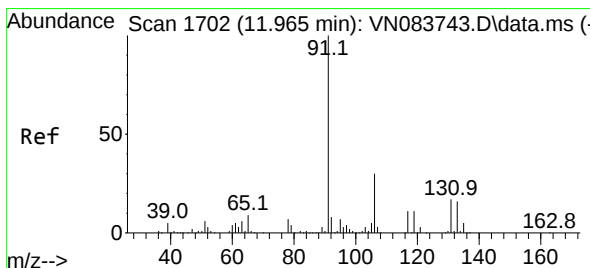
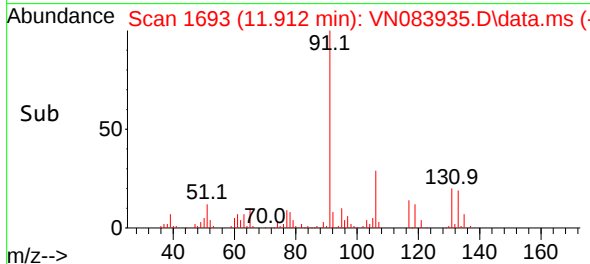
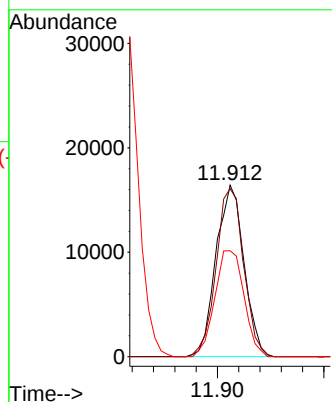
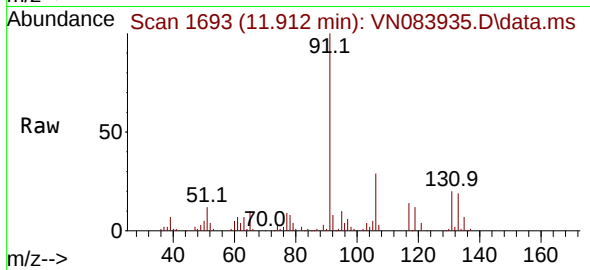




#66
1,1,1,2-Tetrachloroethane
Concen: 19.572 ug/l
RT: 11.912 min Scan# 1693
Delta R.T. -0.047 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

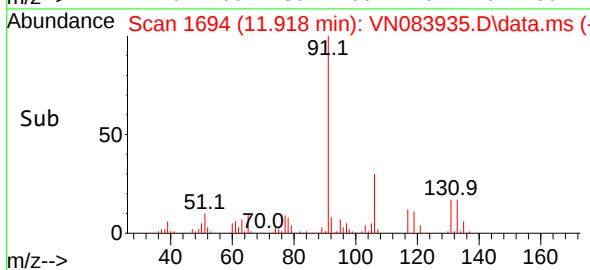
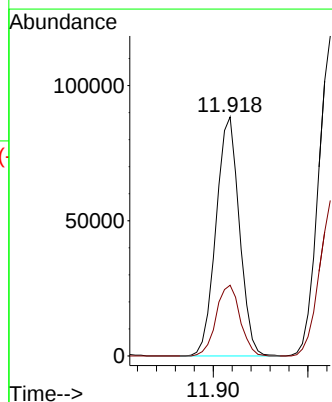
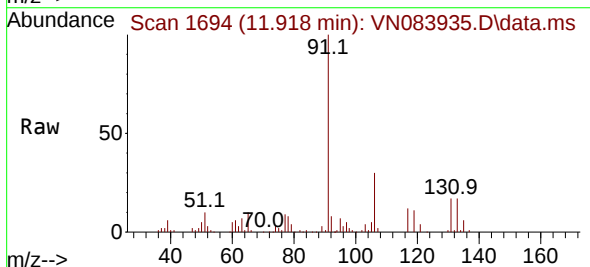
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

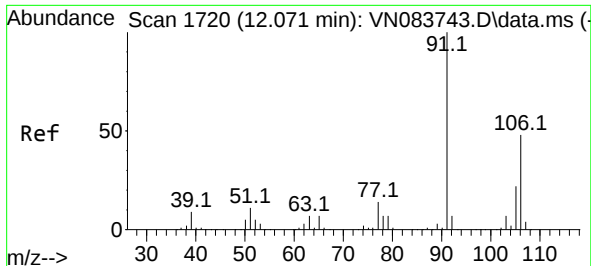
Tgt Ion:131 Resp: 29863
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 64.6 31.6 94.8



#67
Ethyl Benzene
Concen: 19.354 ug/l
RT: 11.918 min Scan# 1694
Delta R.T. -0.047 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 91 Resp: 151318
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

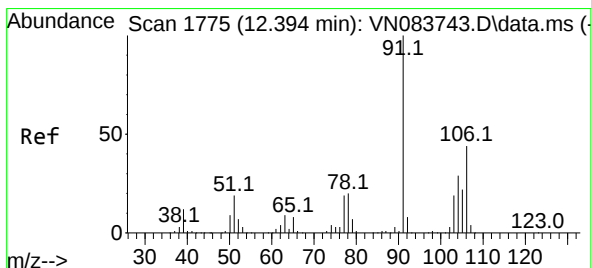
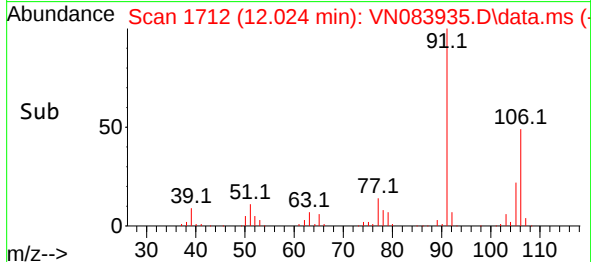
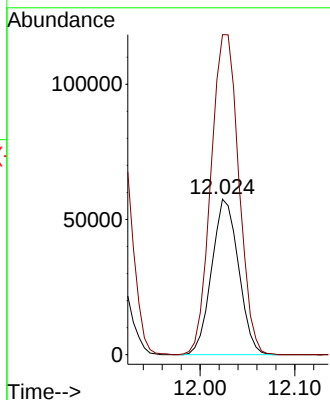
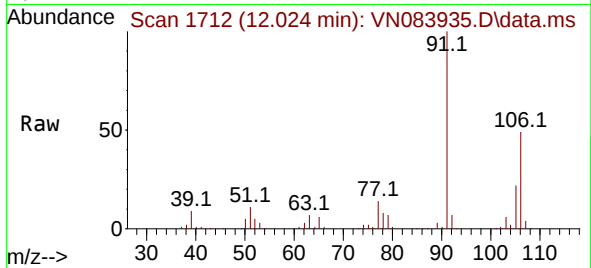




#68
m/p-Xylenes
Concen: 39.046 ug/l
RT: 12.024 min Scan# 1712
Delta R.T. -0.047 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

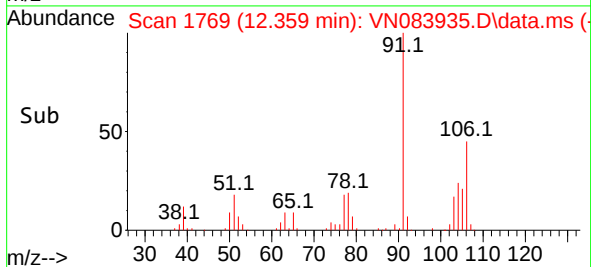
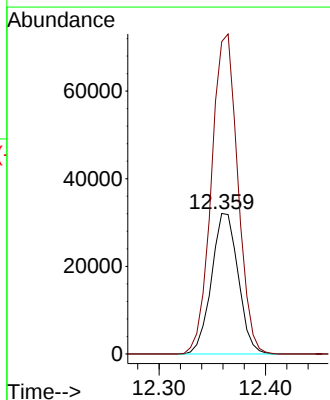
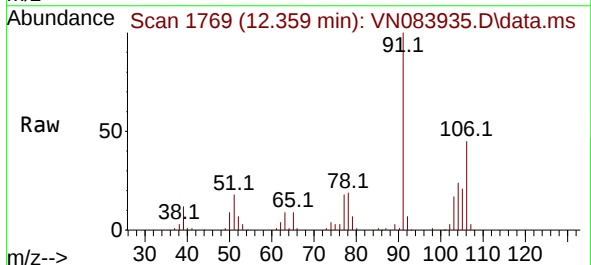
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

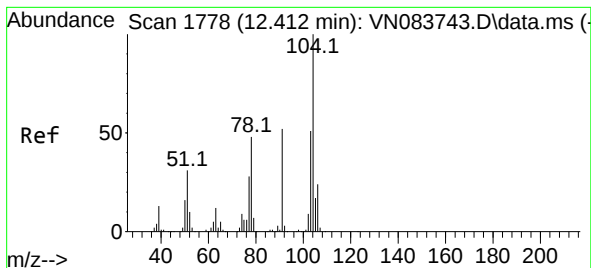
Tgt Ion:106 Resp: 113339
Ion Ratio Lower Upper
106 100
91 213.6 169.2 253.8



#69
o-Xylene
Concen: 19.814 ug/l
RT: 12.359 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion:106 Resp: 55677
Ion Ratio Lower Upper
106 100
91 225.2 112.9 338.6





#70

Styrene

Concen: 20.246 ug/l

RT: 12.377 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

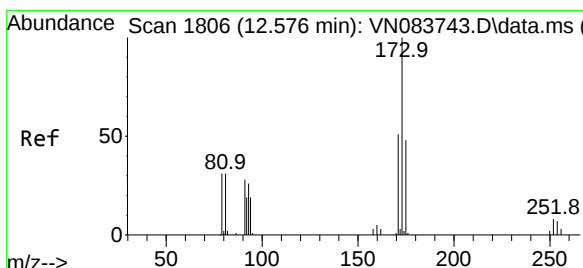
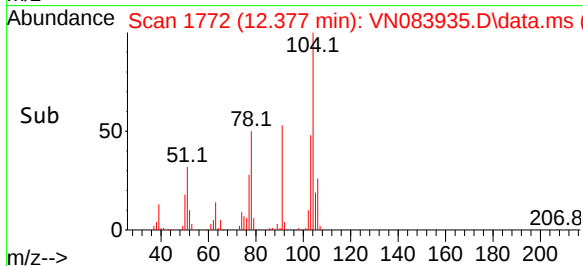
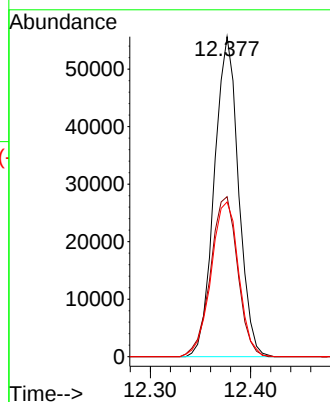
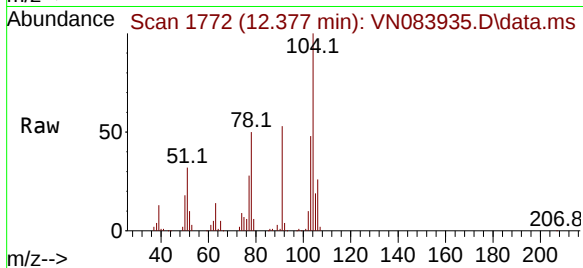
Tgt Ion:104 Resp: 93367

Ion Ratio Lower Upper

104 100

78 55.9 43.3 64.9

103 55.0 43.4 65.2



#71

Bromoform

Concen: 23.419 ug/l

RT: 12.547 min Scan# 1801

Delta R.T. -0.029 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

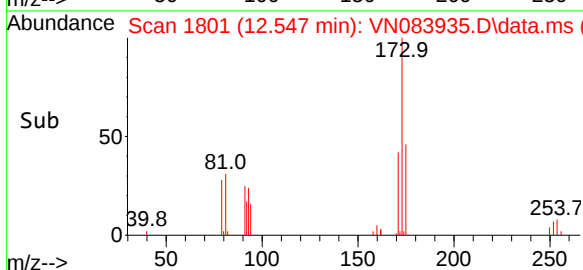
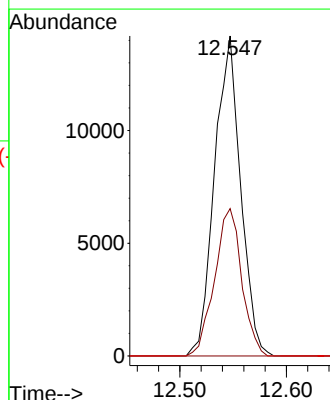
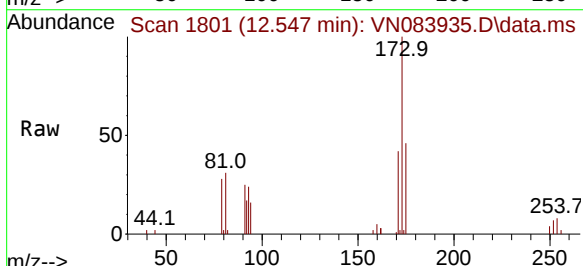
Tgt Ion:173 Resp: 24079

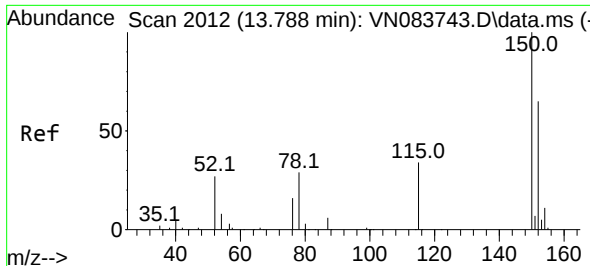
Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.2

254 0.0 0.0 0.0

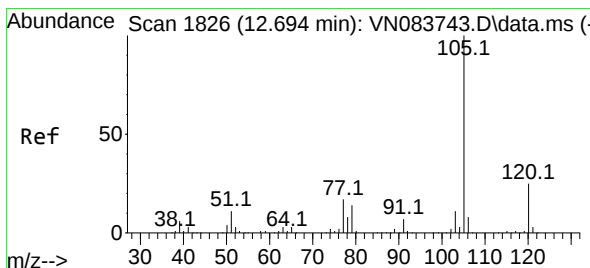
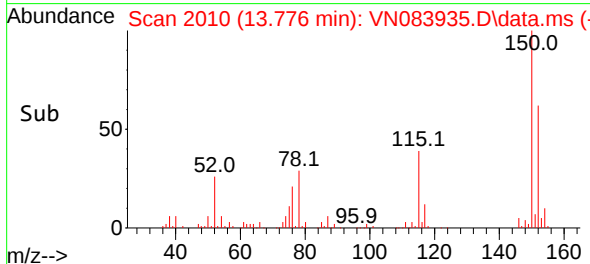
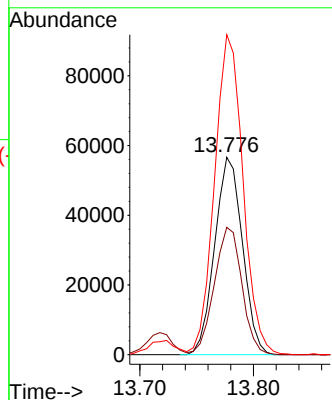
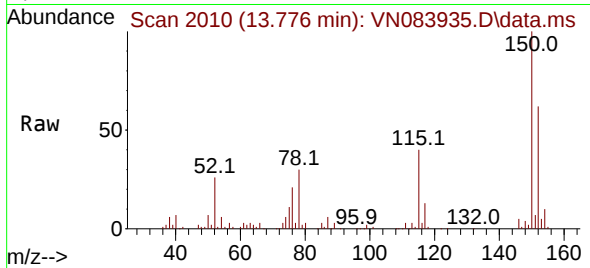




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.776 min Scan# 2012
Delta R.T. -0.012 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

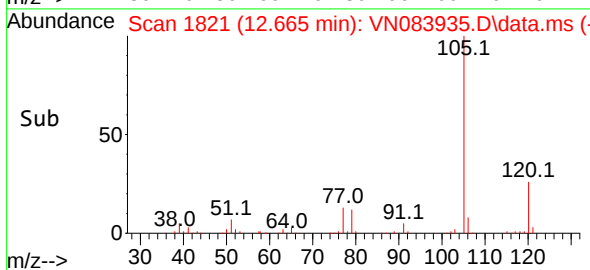
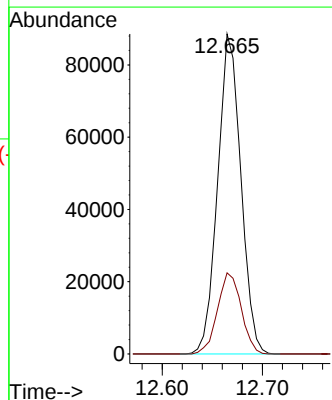
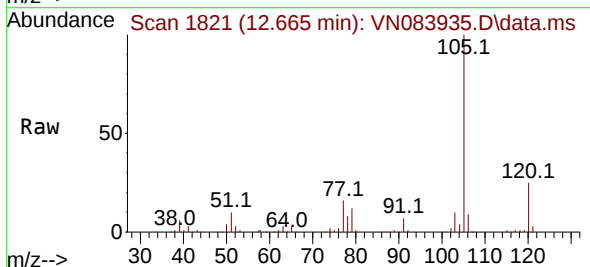
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

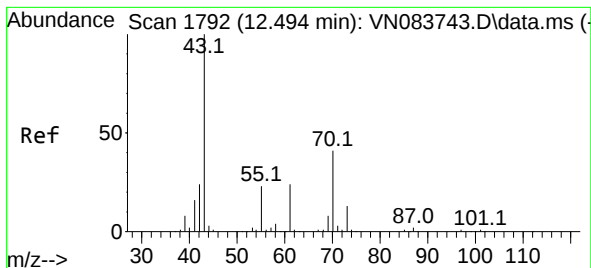
Tgt Ion:152 Resp: 96150
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 165.9 0.0 348.6



#73
Isopropylbenzene
Concen: 19.126 ug/l
RT: 12.665 min Scan# 1821
Delta R.T. -0.029 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion:105 Resp: 142274
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8





#74

N-amy1 acetate

Concen: 20.965 ug/l

RT: 12.471 min Scan# 1788

Delta R.T. -0.023 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 43 Resp: 66539

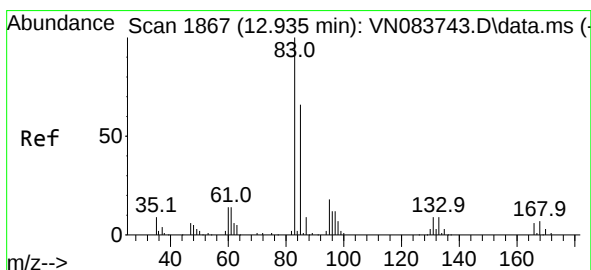
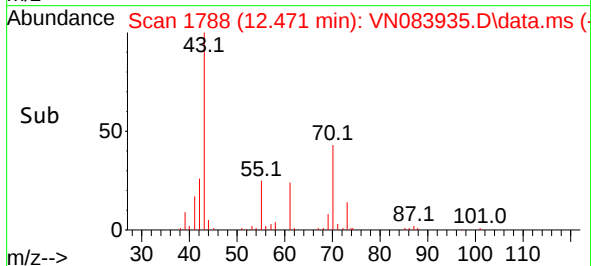
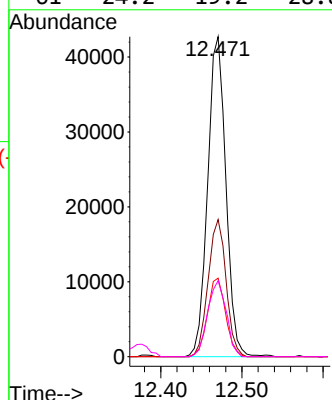
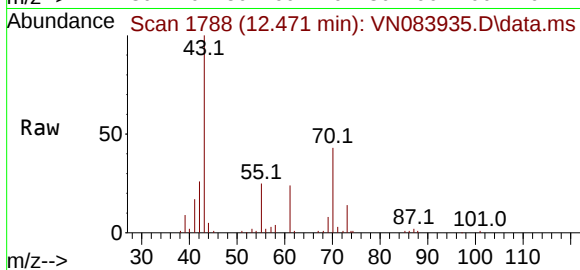
Ion Ratio Lower Upper

43 100

70 42.2 34.5 51.7

55 24.5 18.6 28.0

61 24.2 19.2 28.8



#75

1,1,2,2-Tetrachloroethane

Concen: 20.297 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.018 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

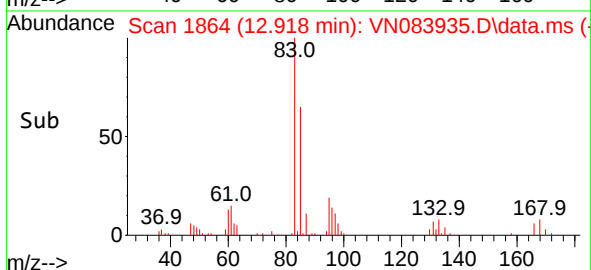
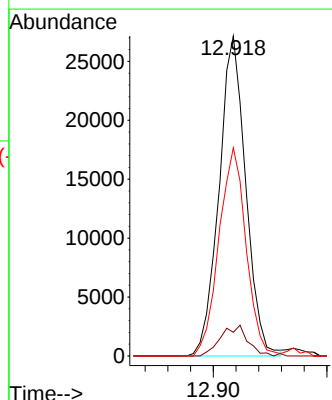
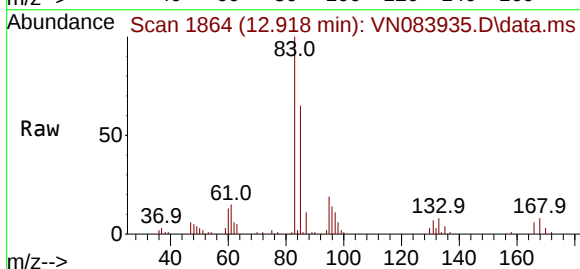
Tgt Ion: 83 Resp: 44361

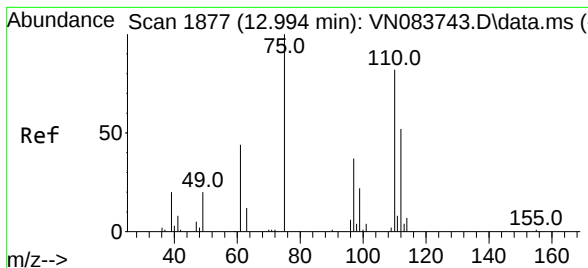
Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

85 66.0 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 30.686 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. -0.023 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

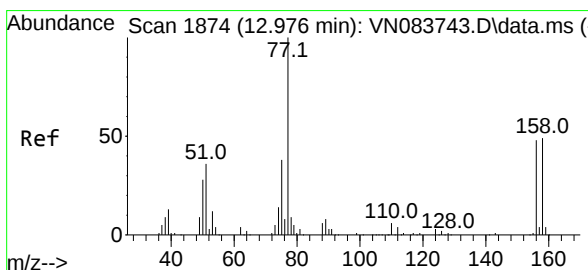
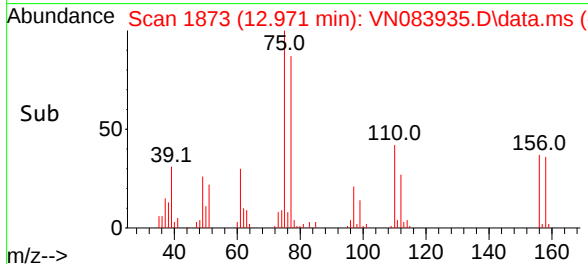
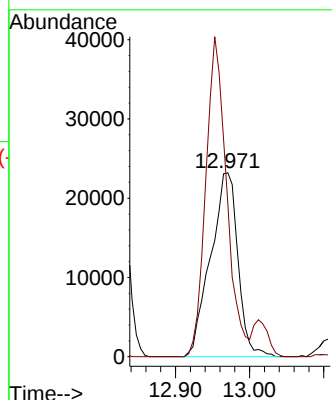
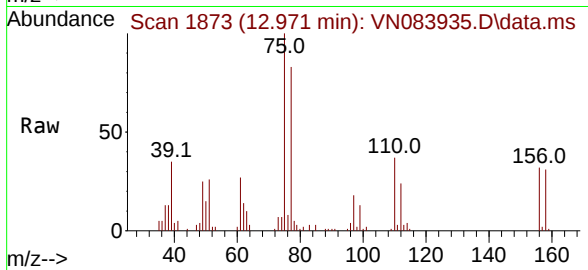
VN0917WBSD01

Tgt Ion: 75 Resp: 59535

Ion Ratio Lower Upper

75 100

77 133.2 95.2 285.6



#77

Bromobenzene

Concen: 18.787 ug/l

RT: 12.953 min Scan# 1870

Delta R.T. -0.023 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

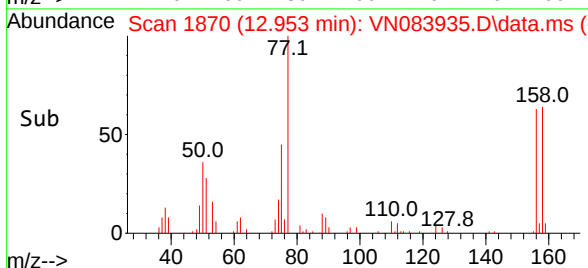
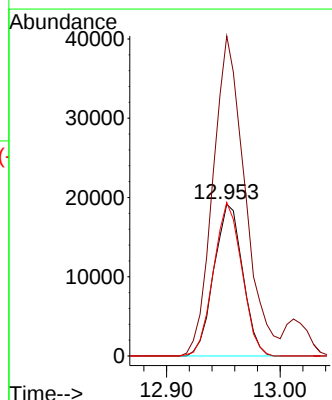
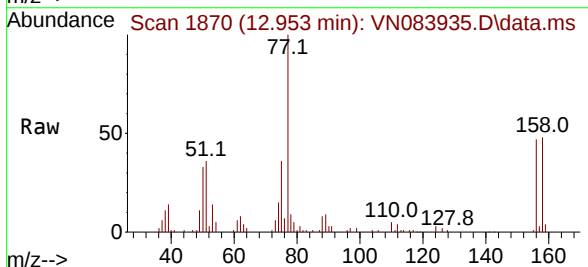
Tgt Ion: 156 Resp: 33640

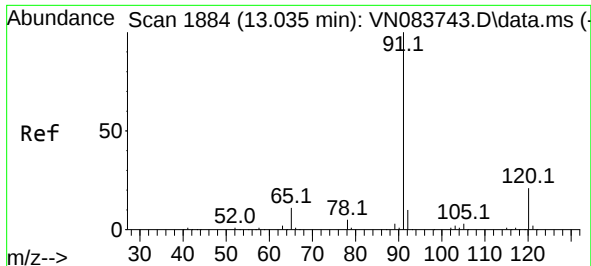
Ion Ratio Lower Upper

156 100

77 235.6 114.3 343.1

158 99.8 48.9 146.7

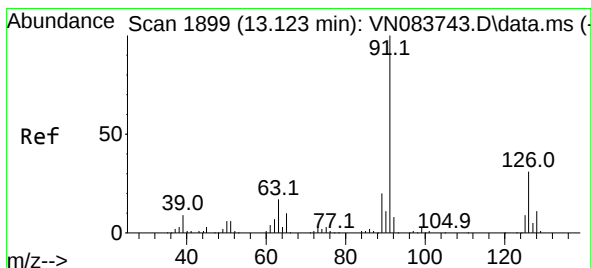
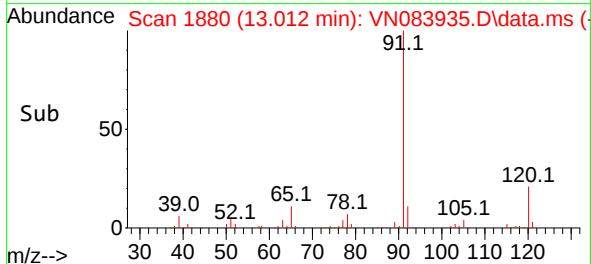
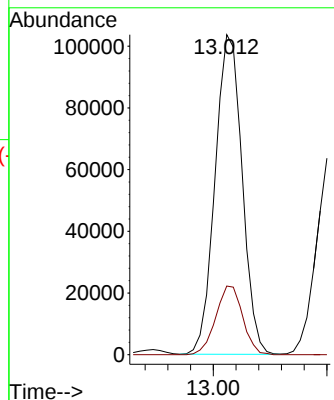
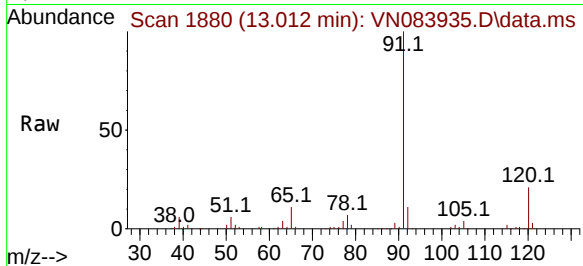




#78
n-propylbenzene
Concen: 19.791 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.023 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

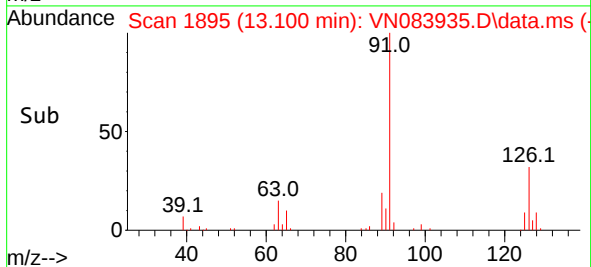
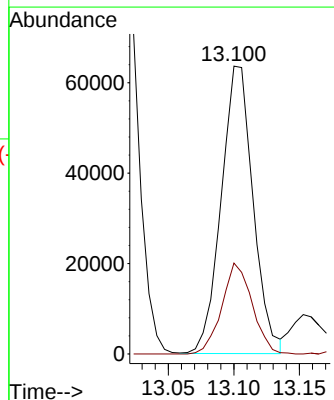
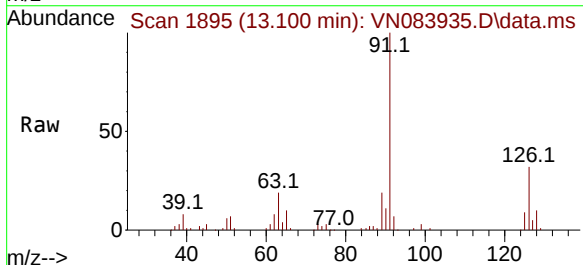
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

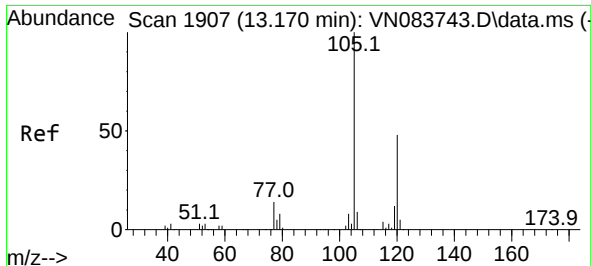
Tgt Ion: 91 Resp: 171293
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0



#79
2-Chlorotoluene
Concen: 19.506 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.023 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 91 Resp: 107669
Ion Ratio Lower Upper
91 100
126 30.0 15.4 46.2

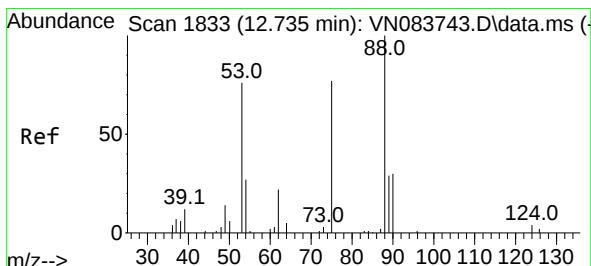
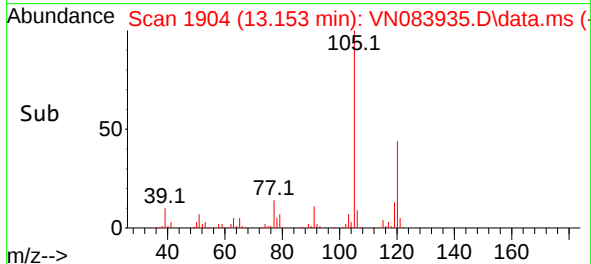
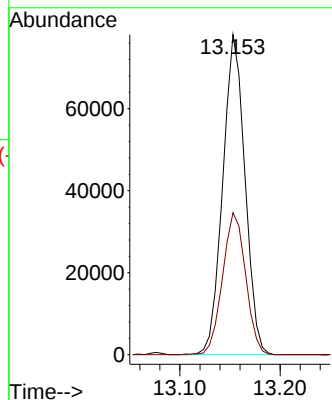
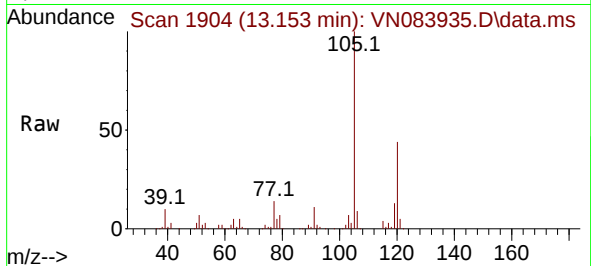




#80
1,3,5-Trimethylbenzene
Concen: 19.140 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

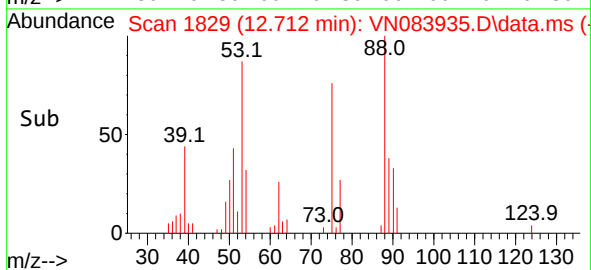
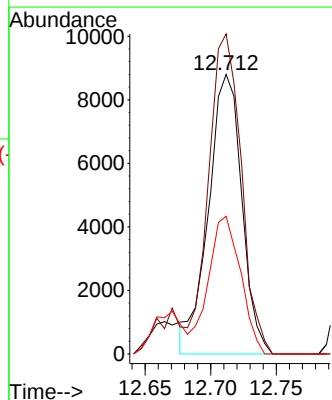
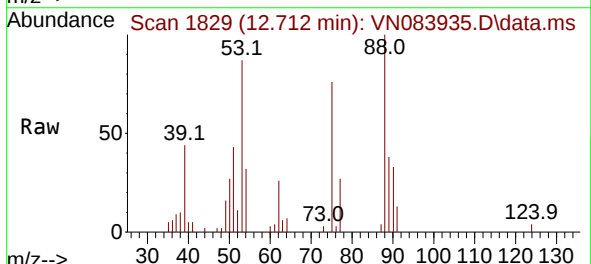
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

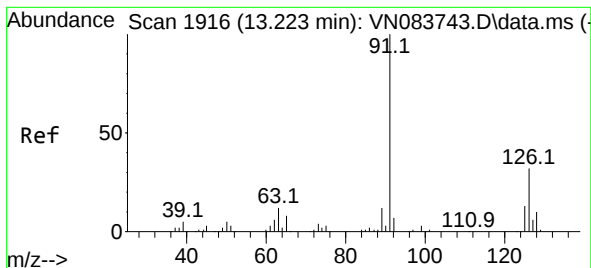
Tgt Ion:105 Resp: 120037
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3



#81
trans-1,4-Dichloro-2-butene
Concen: 20.968 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.023 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 75 Resp: 15532
Ion Ratio Lower Upper
75 100
53 111.6 81.2 121.8
89 47.7 35.7 53.5

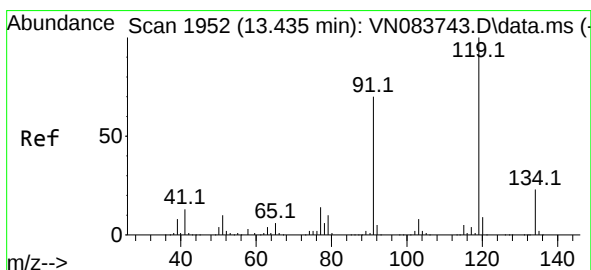
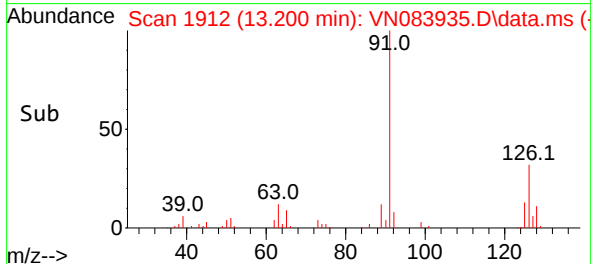
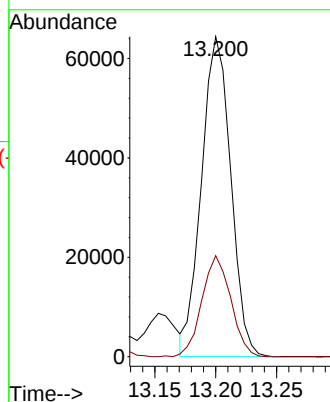
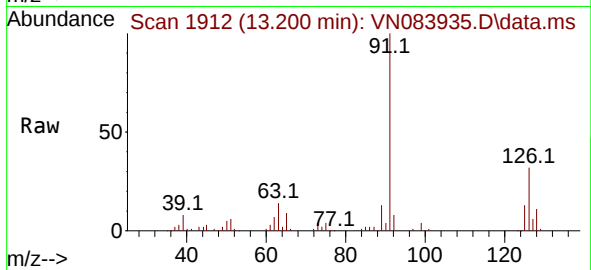




#82
4-Chlorotoluene
Concen: 19.468 ug/l
RT: 13.200 min Scan# 1916
Delta R.T. -0.023 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

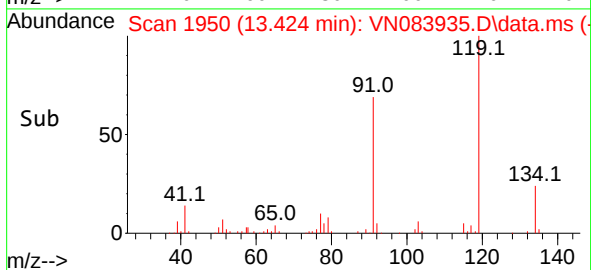
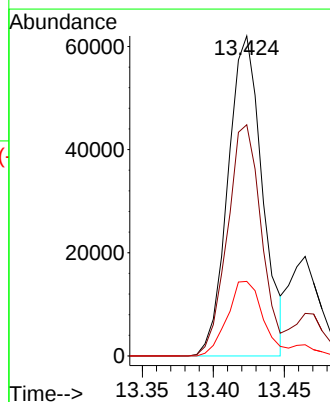
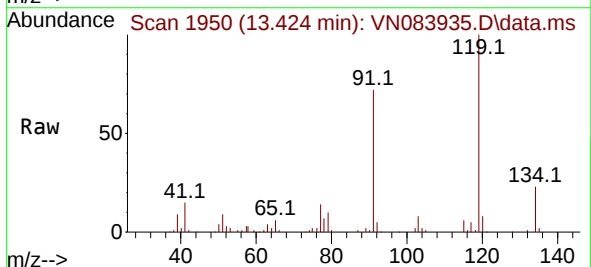
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

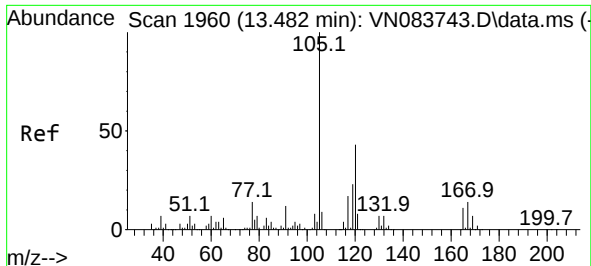
Tgt Ion: 91 Resp: 107839
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2



#83
tert-Butylbenzene
Concen: 19.037 ug/l
RT: 13.424 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 119 Resp: 104456
Ion Ratio Lower Upper
119 100
91 73.0 34.5 103.6
134 24.3 12.8 38.4

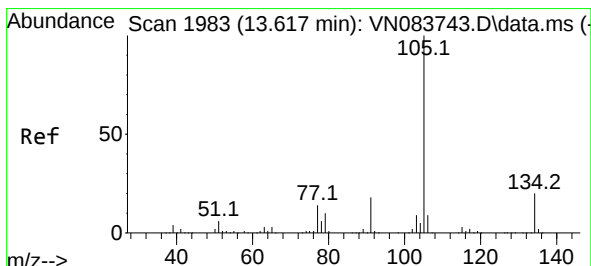
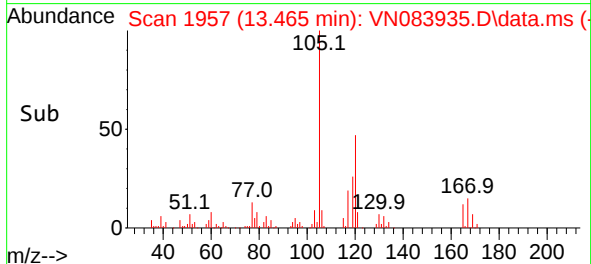
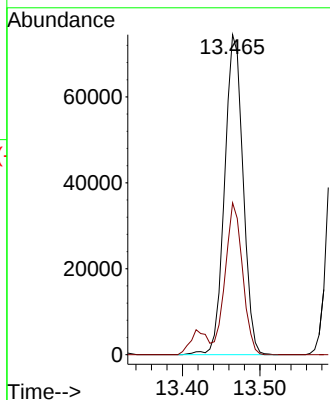
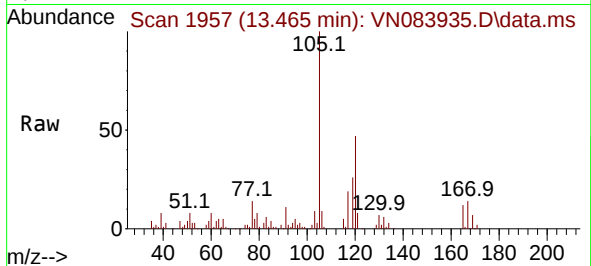




#84
1,2,4-Trimethylbenzene
Concen: 19.548 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. -0.018 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

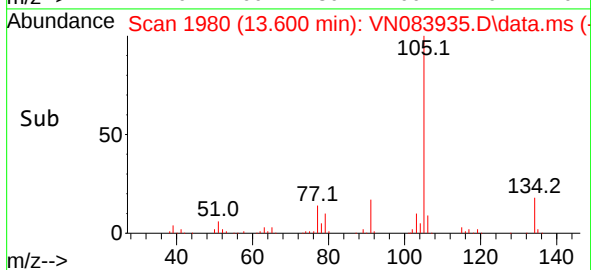
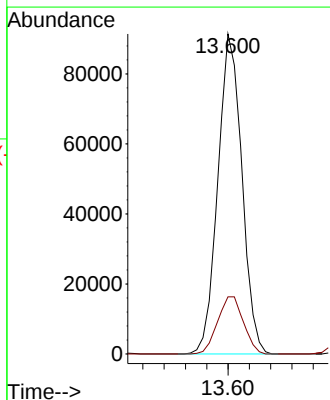
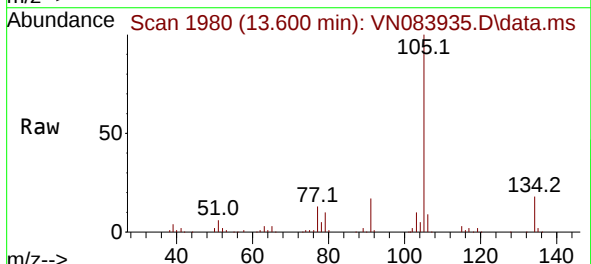
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

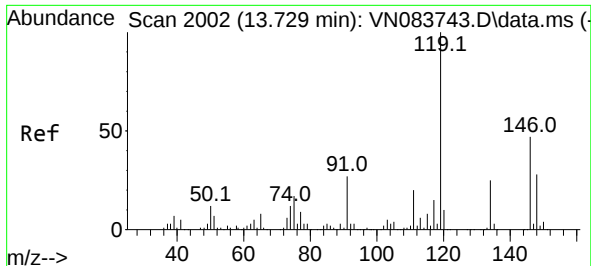
Tgt Ion:105 Resp: 123150
Ion Ratio Lower Upper
105 100
120 44.9 21.8 65.4



#85
sec-Butylbenzene
Concen: 19.631 ug/l
RT: 13.600 min Scan# 1980
Delta R.T. -0.018 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion:105 Resp: 142853
Ion Ratio Lower Upper
105 100
134 19.2 9.7 29.1

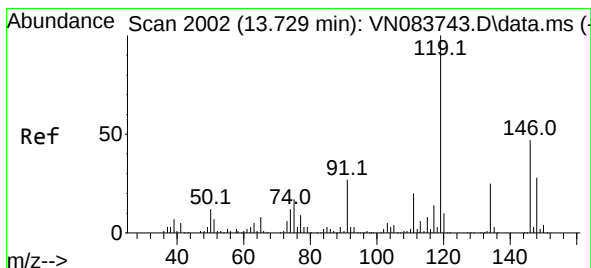
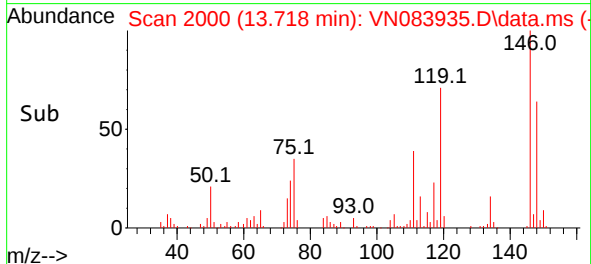
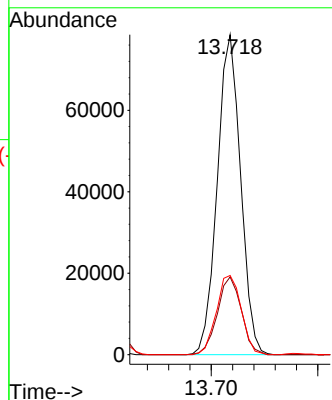
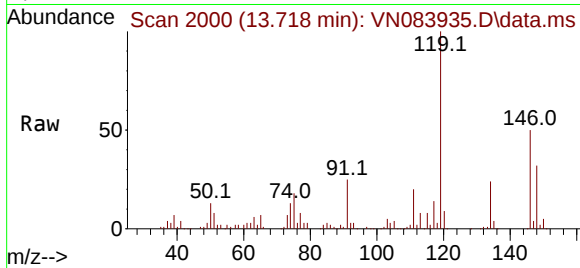




#86
 p-Isopropyltoluene
 Concen: 19.550 ug/l
 RT: 13.718 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

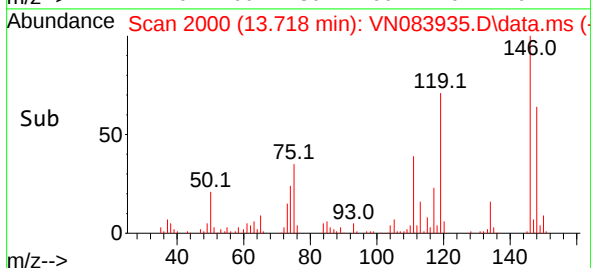
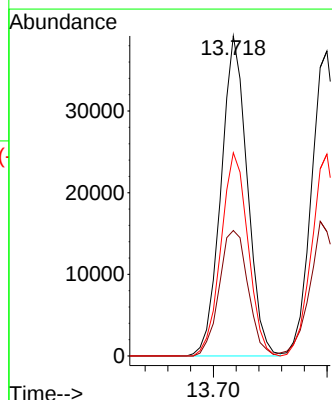
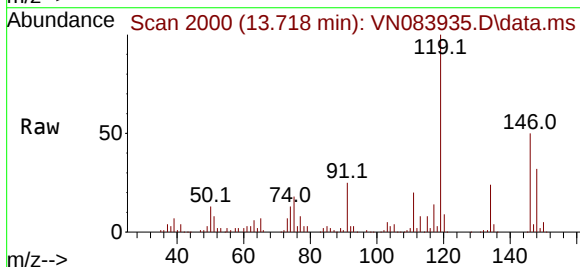
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

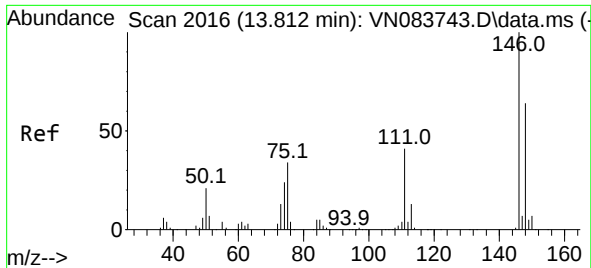
Tgt Ion:119 Resp: 119253
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 26.3 12.9 38.7



#87
 1,3-Dichlorobenzene
 Concen: 18.663 ug/l
 RT: 13.718 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Tgt Ion:146 Resp: 63067
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.7 65.1
 148 65.1 31.7 95.1

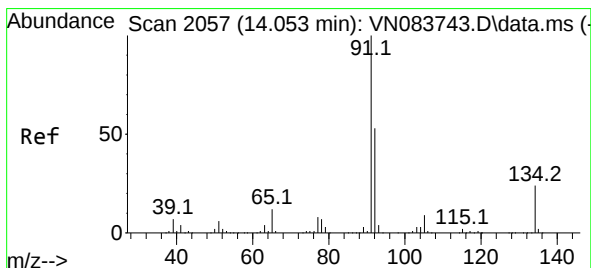
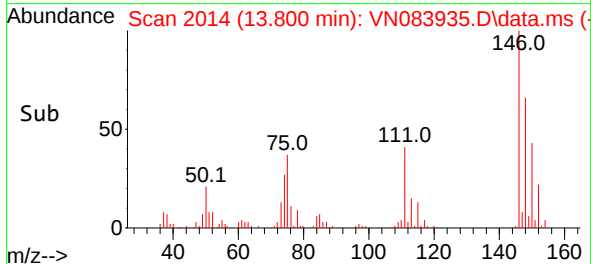
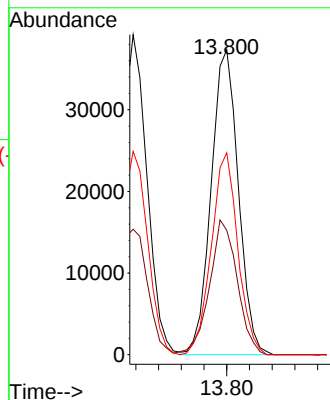
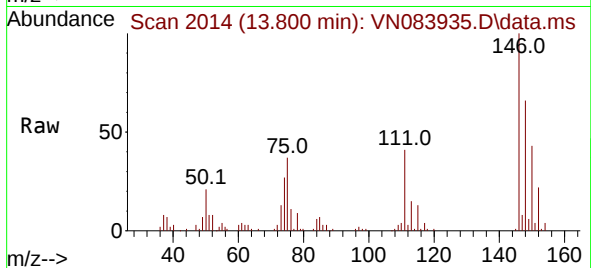




#88
1,4-Dichlorobenzene
Concen: 18.196 ug/l
RT: 13.800 min Scan# 2016
Delta R.T. -0.012 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

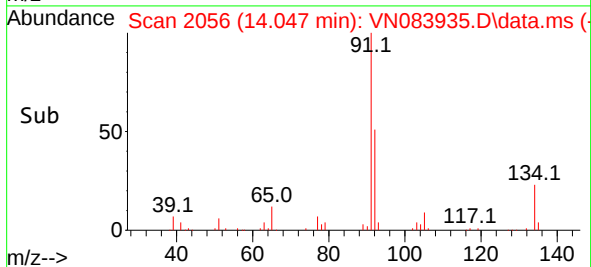
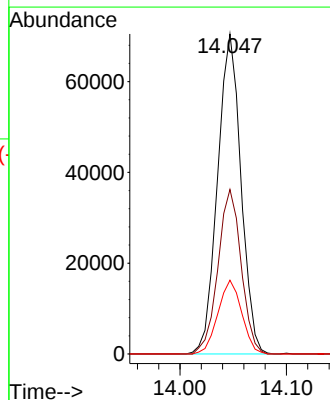
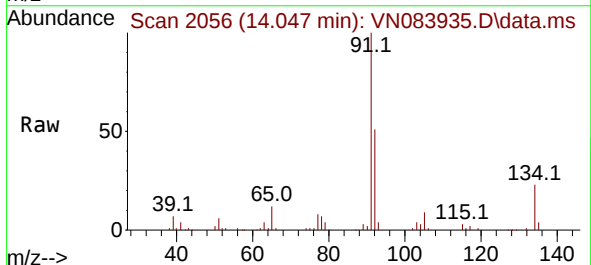
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

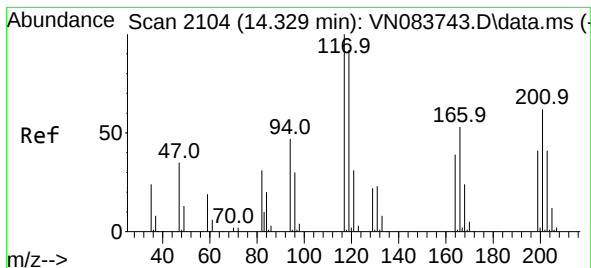
Tgt Ion:146 Resp: 62264
Ion Ratio Lower Upper
146 100
111 44.8 21.3 64.0
148 64.4 32.0 96.2



#89
n-Butylbenzene
Concen: 19.600 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion: 91 Resp: 107345
Ion Ratio Lower Upper
91 100
92 51.0 26.7 80.1
134 23.4 12.2 36.4





#90

Hexachloroethane

Concen: 18.946 ug/l

RT: 14.323 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

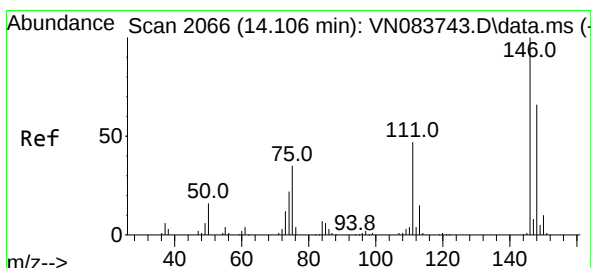
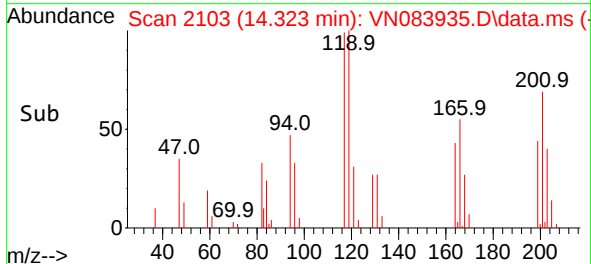
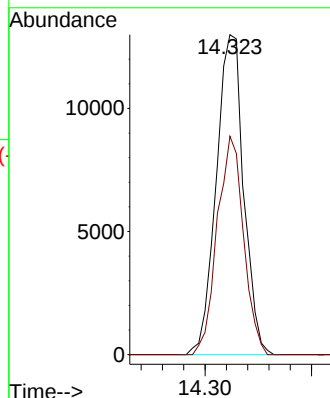
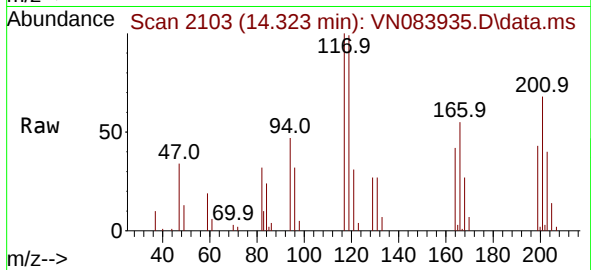
VN0917WBSD01

Tgt Ion:117 Resp: 23232

Ion Ratio Lower Upper

117 100

201 65.5 32.8 98.3



#91

1,2-Dichlorobenzene

Concen: 18.825 ug/l

RT: 14.094 min Scan# 2064

Delta R.T. -0.012 min

Lab File: VN083935.D

Acq: 17 Sep 2024 11:07

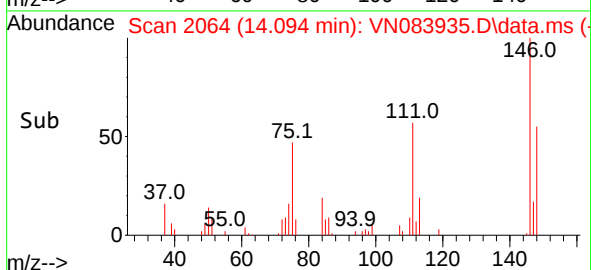
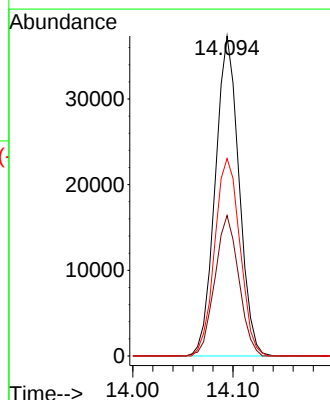
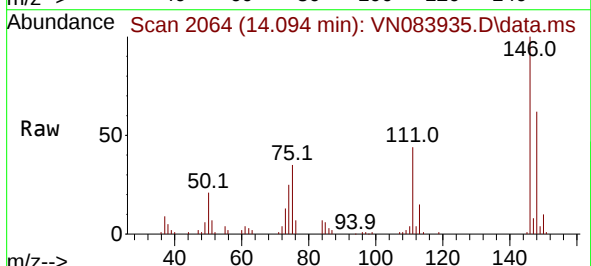
Tgt Ion:146 Resp: 61394

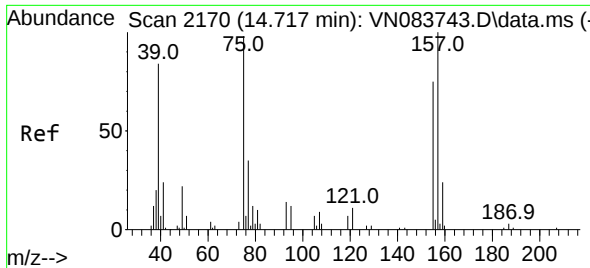
Ion Ratio Lower Upper

146 100

111 44.3 22.8 68.3

148 65.6 32.1 96.5

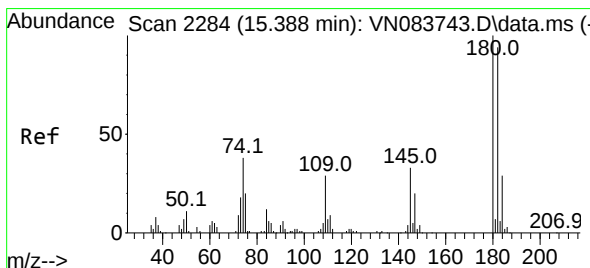
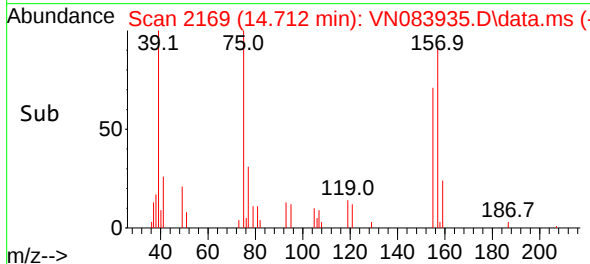
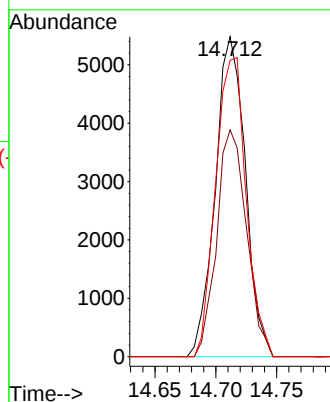
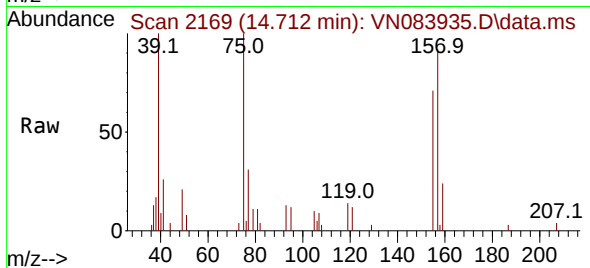




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.669 ug/l
 RT: 14.712 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

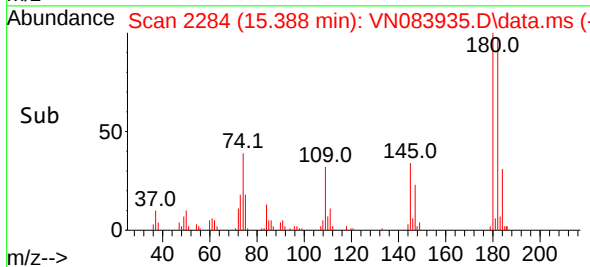
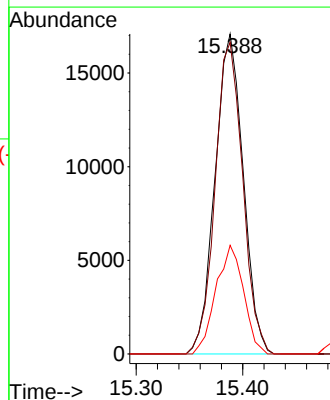
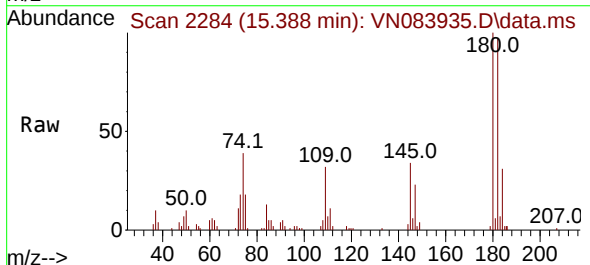
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

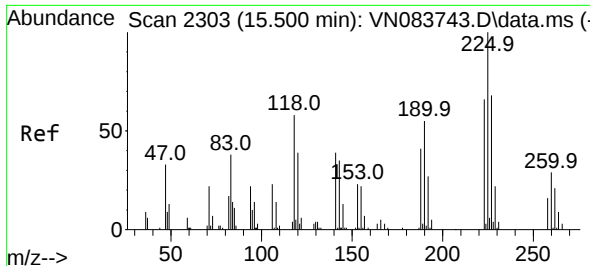
Tgt Ion: 75	Resp:	9441
Ion Ratio	Lower	Upper
75	100	
155	70.1	35.9 107.7
157	94.9	47.5 142.5



#93
 1,2,4-Trichlorobenzene
 Concen: 17.909 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Tgt Ion: 180	Resp:	31342
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.1 144.3
145	33.4	16.9 50.7

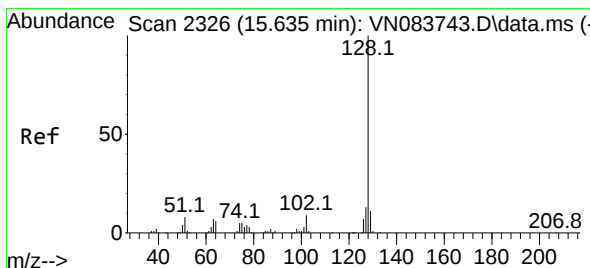
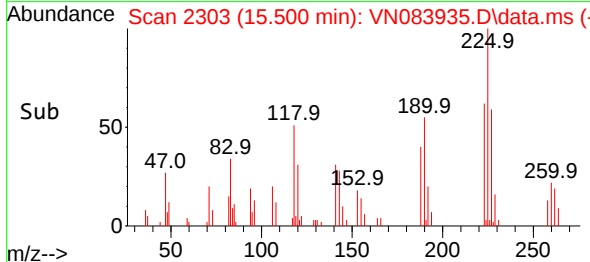
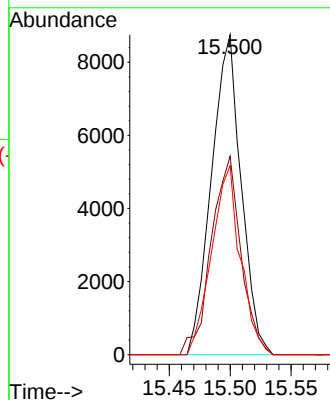
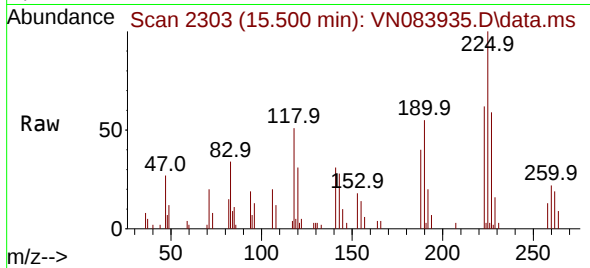




#94
Hexachlorobutadiene
Concen: 19.944 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

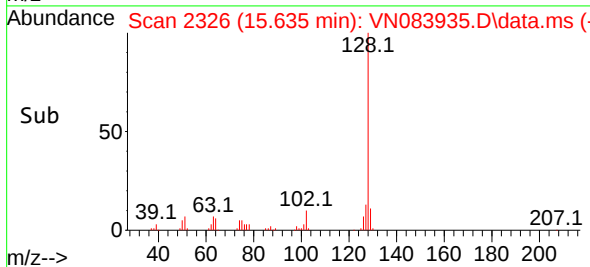
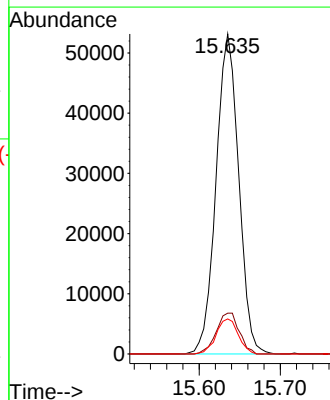
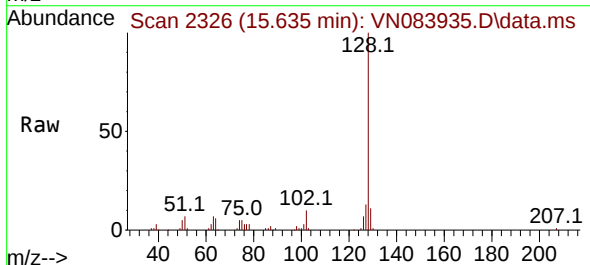
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

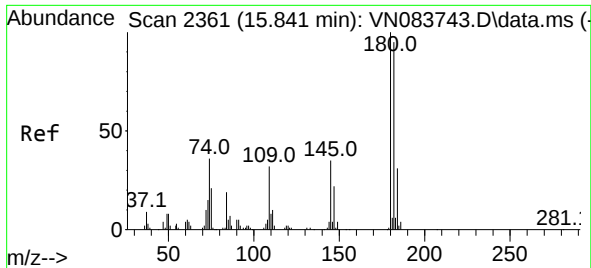
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.5
227	57.5	32.0	96.2



#95
Naphthalene
Concen: 19.368 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083935.D
Acq: 17 Sep 2024 11:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 18.730 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083935.D
 Acq: 17 Sep 2024 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.1	141.4
145	35.6	17.8	53.5

