

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083874.D
 Acq On : 13 Sep 2024 16:55
 Operator : JC\MD
 Sample : P3966-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 23:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	25954	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143157	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132659	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72643	30.620	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.067%	
60) 4-Bromofluorobenzene	12.847	95	64824	28.353	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.500%	
63) Toluene-d8	10.565	98	177713	28.931	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.433%	
Target Compounds						Qvalue
6) Chloroethane	3.218	64	1425	1.146	ug/l #	41
8) Diethyl Ether	3.959	74	2123	2.007	ug/l #	26
12) Methyl Acetate	5.024	43	441	0.227	ug/l #	40
14) Acrylonitrile	5.518	53	19774	25.117	ug/l #	9
15) Acetone	4.424	58	52495	201.012	ug/l #	54
16) Carbon Disulfide	4.712	76	7799	1.711	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	681	0.335	ug/l #	10
23) tert-Butyl Alcohol	5.518	59	2062780	7140.266	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	25039	4.368	ug/l #	75
26) Cyclohexane	8.653	56	622	0.217	ug/l #	15
30) 2-Butanone	7.482	43	592926	553.947	ug/l #	90
34) Benzene	8.606	78	34254	5.028	ug/l #	84
35) Methacrylonitrile	7.777	41	1653	1.374	ug/l #	42
44) Isopropyl Acetate	8.653	43	9303	2.497	ug/l #	52
45) 1,4-Dioxane	9.694	88	3389	116.607	ug/l #	90
47) n-amyl Acetate	12.482	43	1257	0.381	ug/l	98
50) 1,1,2-Trichloroethane	10.918	97	466	0.305	ug/l #	16
55) 2-Chloroethyl vinyl ether	10.629	63	3520	3.389	ug/l #	1
56) Bromoform	12.853	173	379	0.326	ug/l #	1
58) 4-Methyl-2-Pentanone	10.435	43	10561	5.021	ug/l #	50
59) 2-Hexanone	11.171	43	92347	58.101	ug/l #	28
62) Toluene	10.629	91	42212	5.536	ug/l	95
64) Chlorobenzene	11.894	112	13806	2.924	ug/l	100
66) Ethyl Benzene	11.965	91	77701	8.961	ug/l	99
67) m/p-Xylenes	12.070	106	28018	8.783	ug/l	97
68) o-Xylene	12.394	106	15734	5.096	ug/l	98
69) Styrene	12.406	104	3264	0.626	ug/l #	11
70) Isopropylbenzene	12.694	105	9792	1.202	ug/l	98
72) 1,2,3-Trichloropropane	12.847	75	37753	19.349	ug/l	1
74) n-propylbenzene	13.035	91	5058	0.530	ug/l	91
75) 2-Chlorotoluene	13.129	91	1815	0.305	ug/l	93
76) 1,3,5-Trimethylbenzene	13.170	105	4703	0.691	ug/l	92
78) 4-Chlorotoluene	13.129	91	1815	0.301	ug/l	91
79) tert-butylbenzene	13.670	119	1305	0.219	ug/l	68
80) 1,2,4-Trimethylbenzene	13.482	105	20584	2.993	ug/l	98
82) p-Isopropyltoluene	13.729	119	42777	6.253	ug/l	97
83) 1,3-Dichlorobenzene	13.812	146	9961	2.765	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	9961	2.766	ug/l	97
87) 1,2-Dichlorobenzene	13.812	146	9961	2.849	ug/l	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration

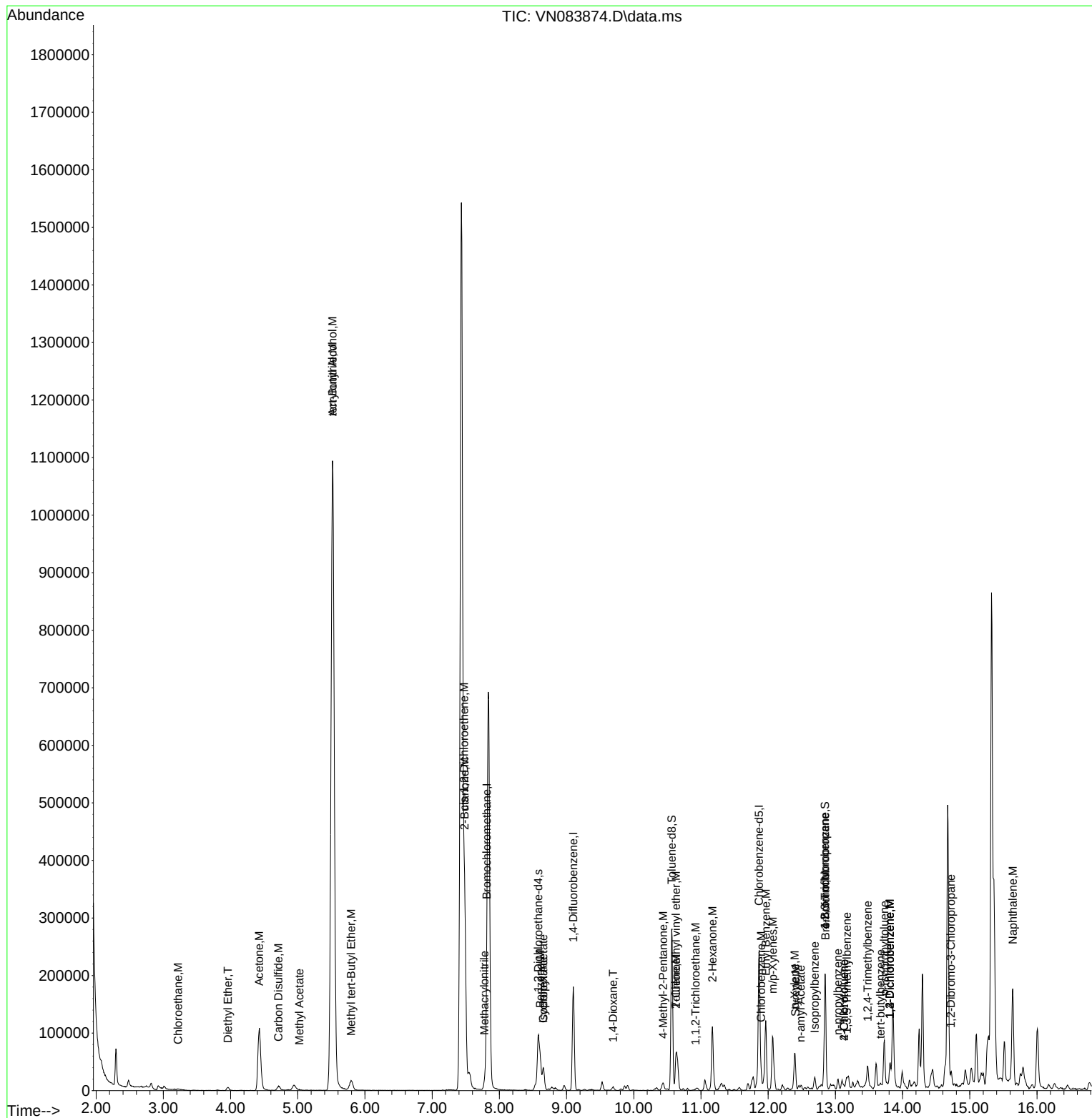
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,2-Dibromo-3-Chloropr...	14.717	75	119	0.243	ug/l #	4
91) Naphthalene	15.641	128	155137	24.778	ug/l	99

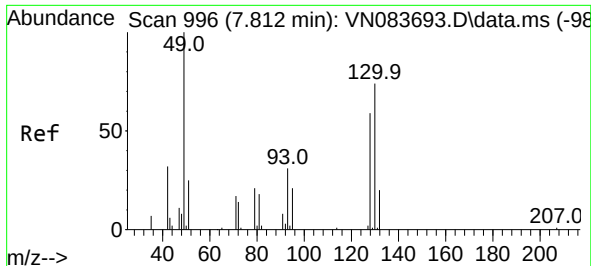
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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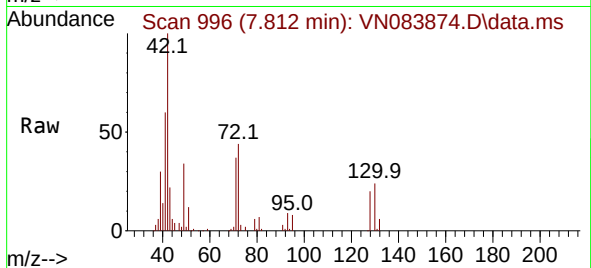
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
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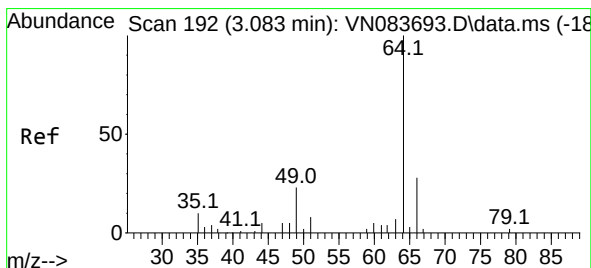
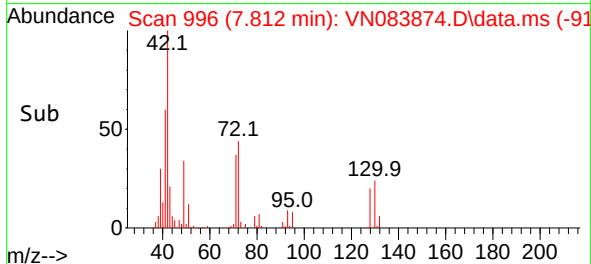
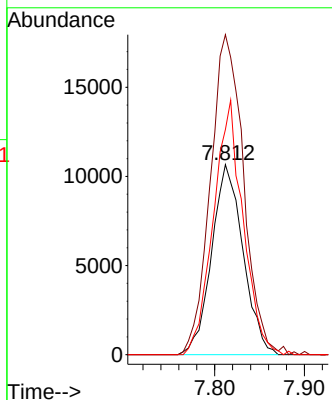


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :

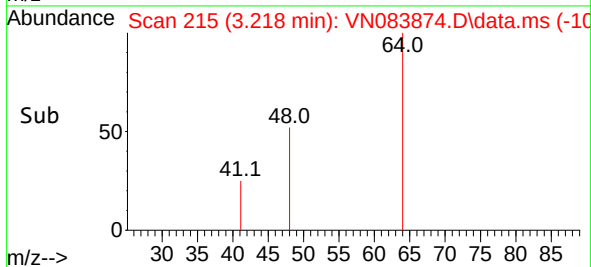
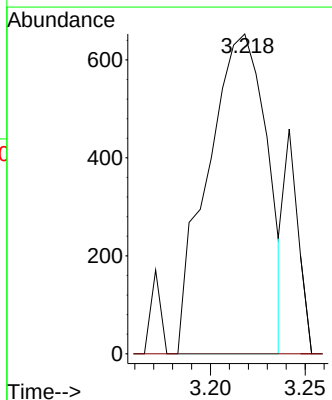
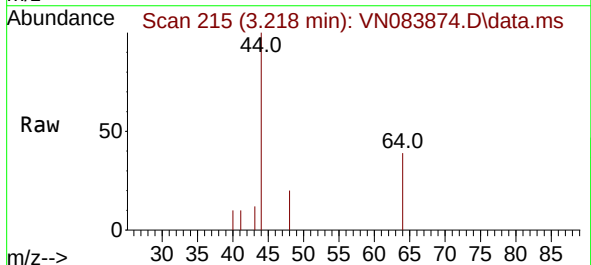


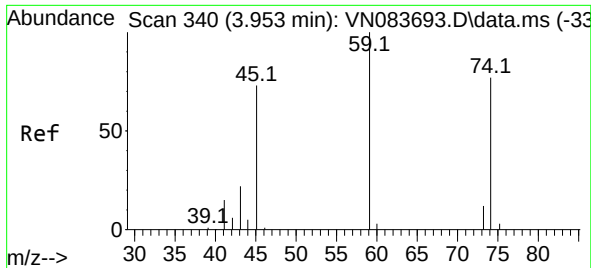
Tgt Ion:128 Resp: 25954
Ion Ratio Lower Upper
128 100
49 177.0 0.0 403.7
130 126.2 0.0 323.3



#6
Chloroethane
Concen: 1.146 ug/l
RT: 3.218 min Scan# 215
Delta R.T. 0.135 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 64 Resp: 1425
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#8

Diethyl Ether

Concen: 2.007 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.006 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

Instrument :

MSVOA_N

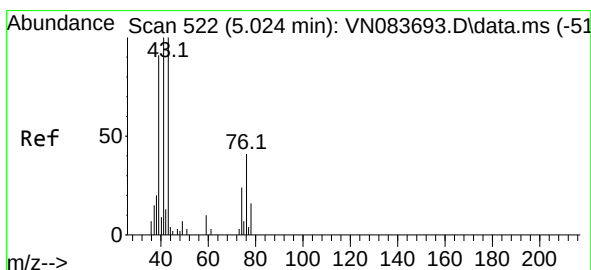
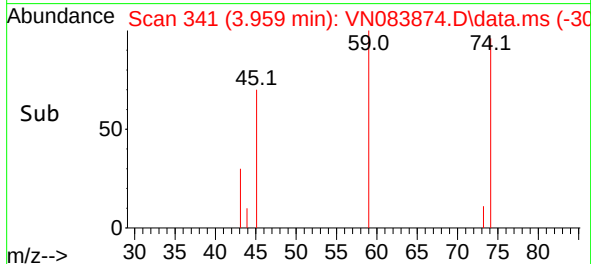
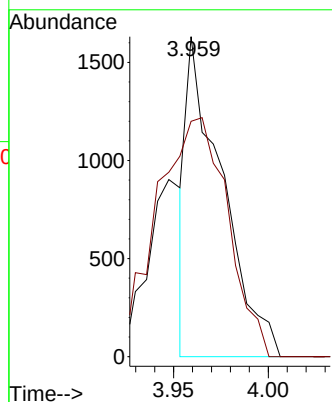
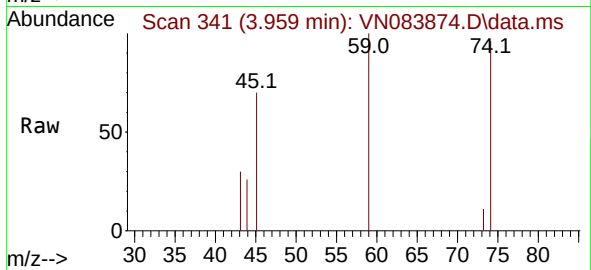
ClientSampleId :

Tgt Ion: 74 Resp: 2123

Ion Ratio Lower Upper

74 100

45 148.1 16.4 147.4#



#12

Methyl Acetate

Concen: 0.227 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083874.D

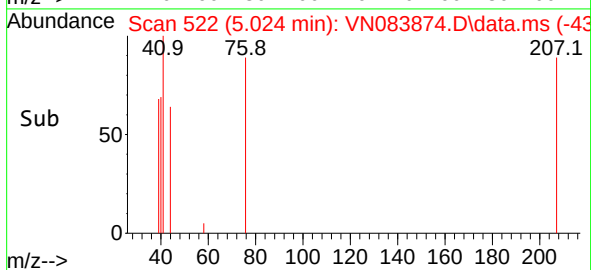
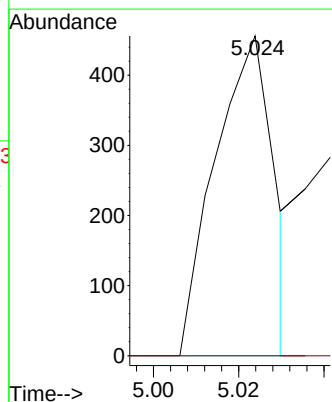
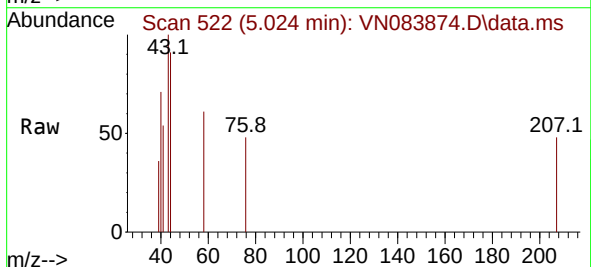
Acq: 13 Sep 2024 16:55

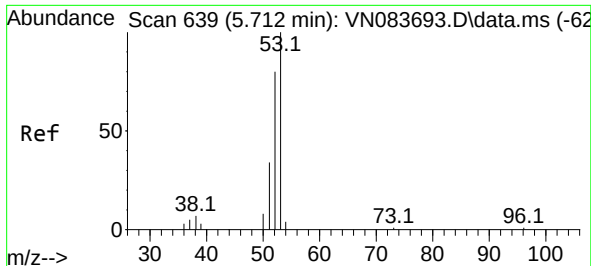
Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

74 0.0 27.7 41.5#

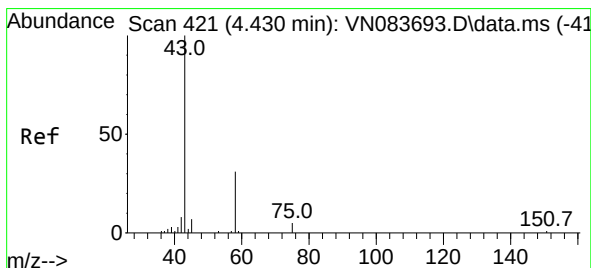
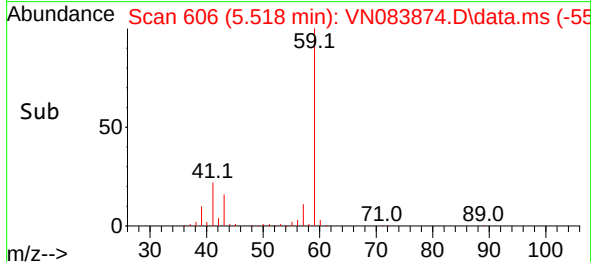
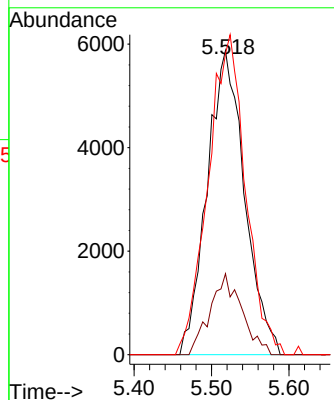
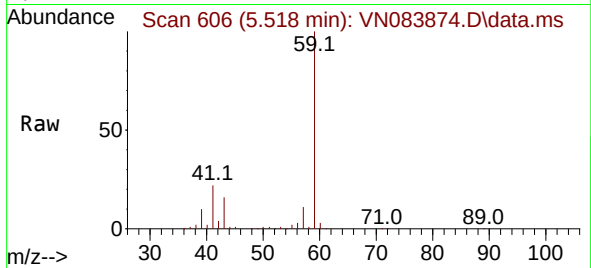




#14
Acrylonitrile
Concen: 25.117 ug/l
RT: 5.518 min Scan# 60
Delta R.T. -0.194 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

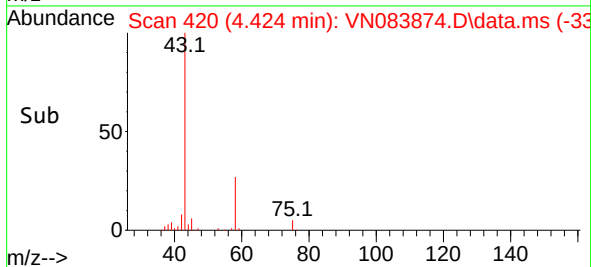
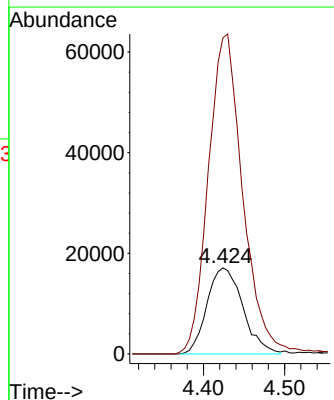
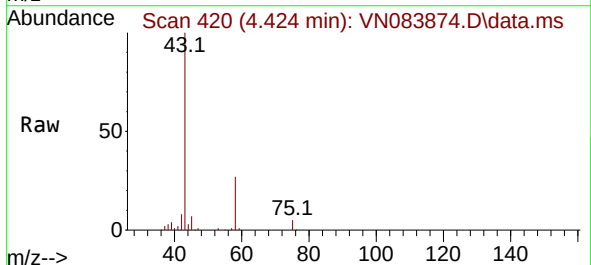
Instrument :
MSVOA_N
ClientSampleId :

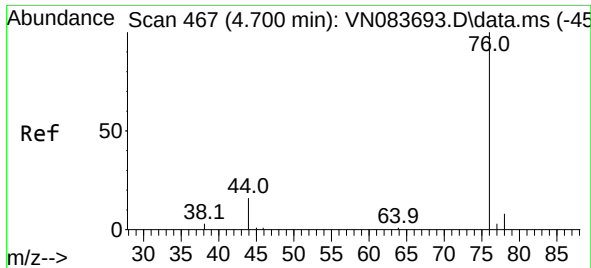
Tgt Ion: 53 Resp: 19774
Ion Ratio Lower Upper
53 100
52 14.2 41.3 123.9#
51 105.2 16.8 50.3#



#15
Acetone
Concen: 201.012 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

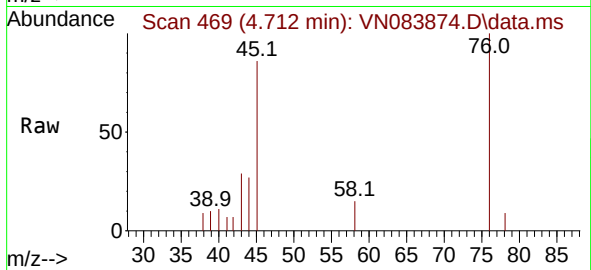
Tgt Ion: 58 Resp: 52495
Ion Ratio Lower Upper
58 100
43 365.1 223.1 334.7#



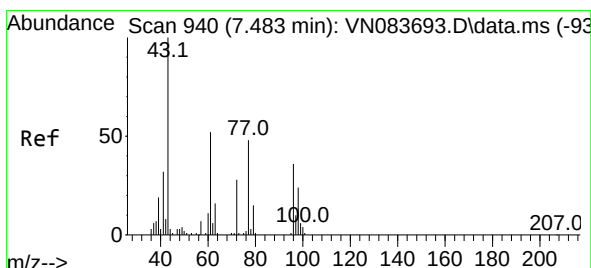
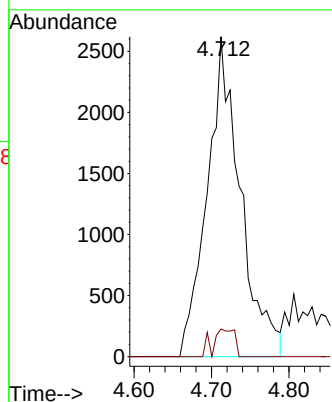
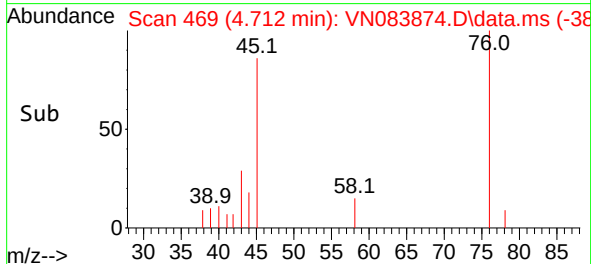


#16
Carbon Disulfide
Concen: 1.711 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :

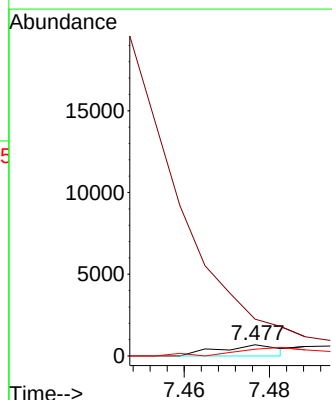
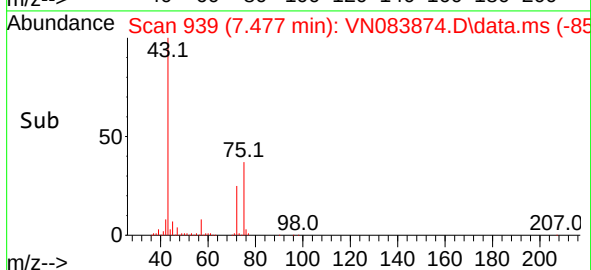
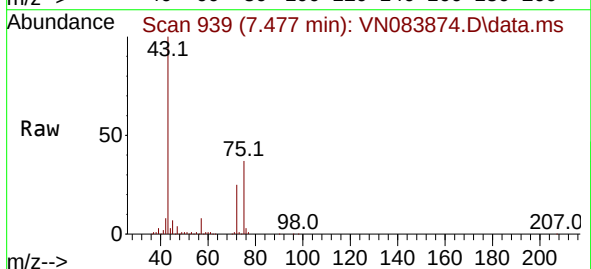


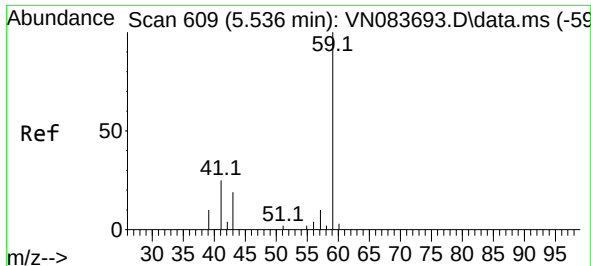
Tgt Ion: 76 Resp: 7799
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5



#22
cis-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

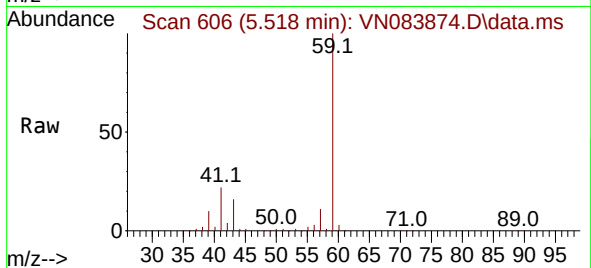
Tgt Ion: 96 Resp: 681
Ion Ratio Lower Upper
96 100
61 0.0 113.5 170.3#
98 92.4 52.0 78.0#



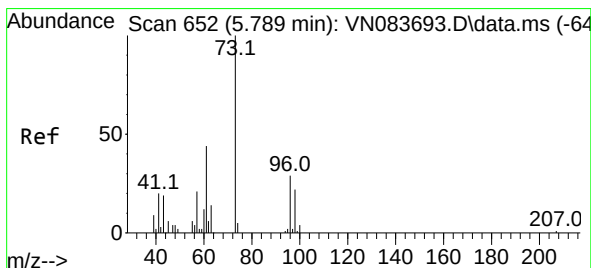
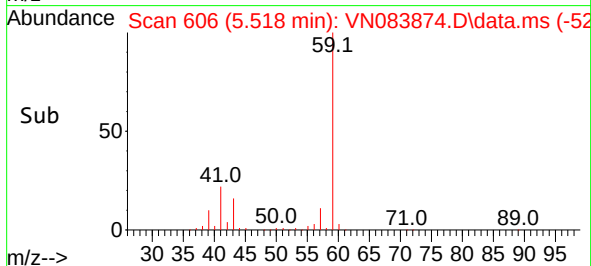
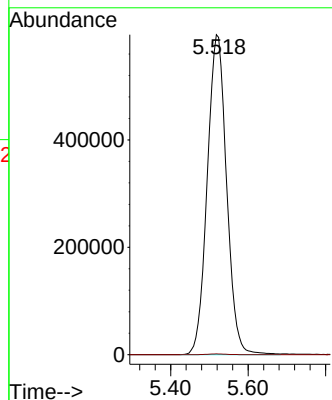


#23
tert-Butyl Alcohol
Concen: 7140.266 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN083874.D
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Instrument :
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ClientSampleId :

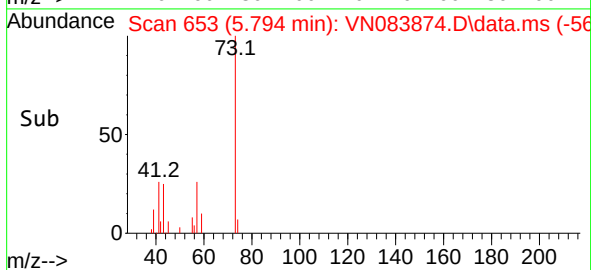
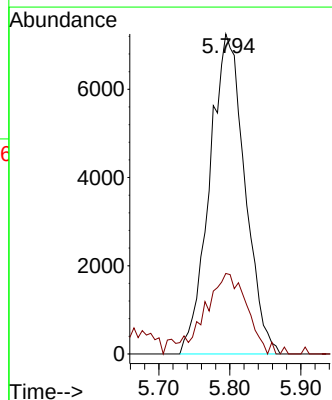
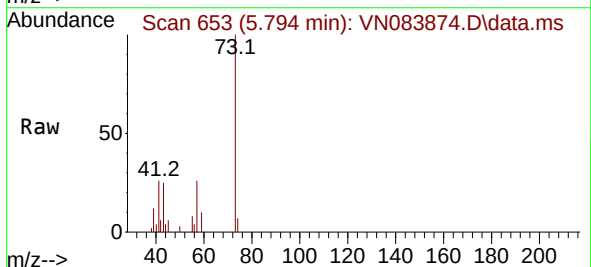


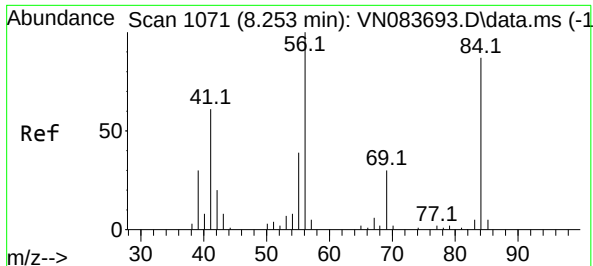
Tgt Ion: 59 Resp: 2062780
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 4.368 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

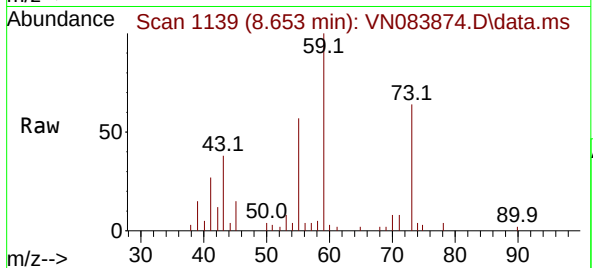
Tgt Ion: 73 Resp: 25039
Ion Ratio Lower Upper
73 100
43 27.8 13.4 20.2#



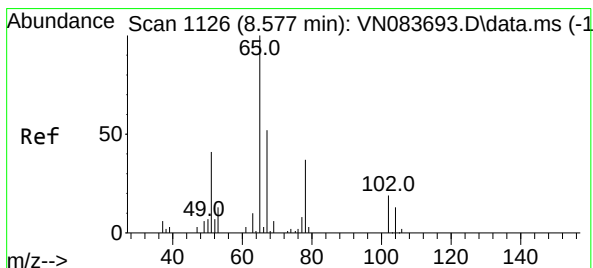
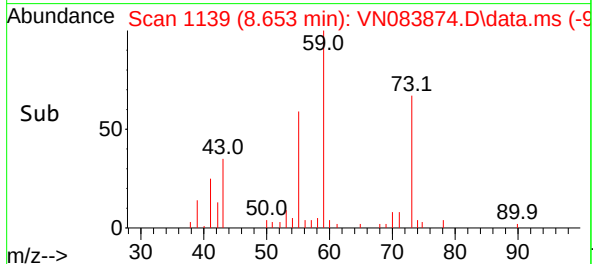
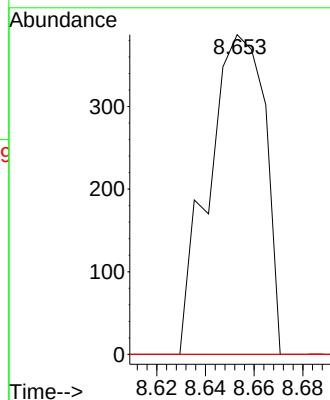


#26
Cyclohexane
Concen: 0.217 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.400 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :

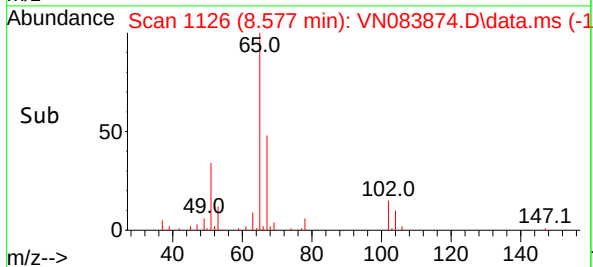
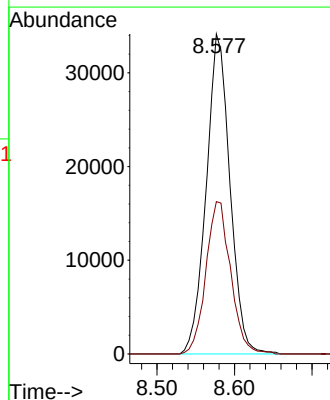
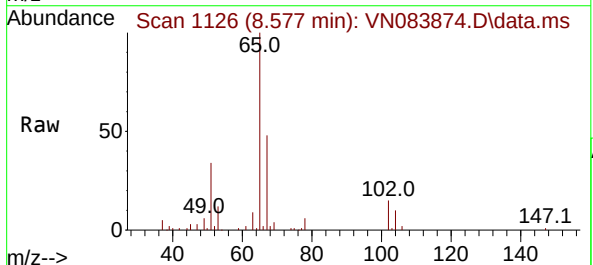


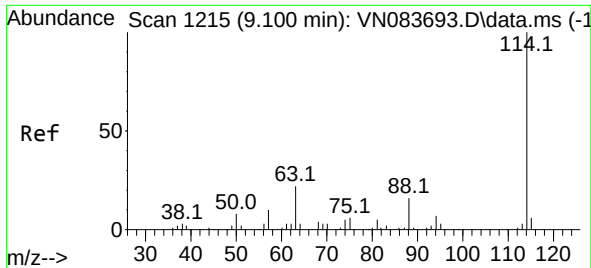
Tgt Ion: 56 Resp: 622
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 0.0 71.3 106.9#



#27
1,2-Dichloroethane-d4
Concen: 30.620 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 65 Resp: 72643
Ion Ratio Lower Upper
65 100
67 49.7 43.2 64.8

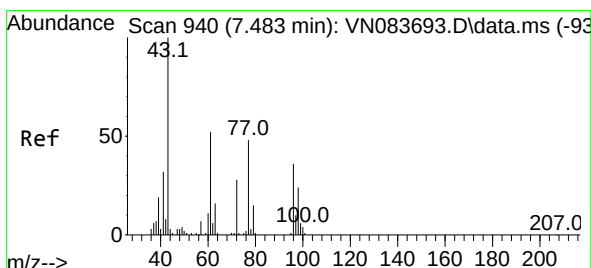
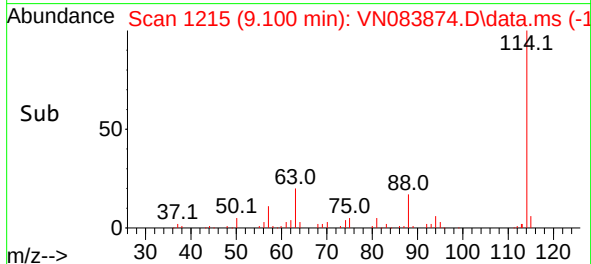
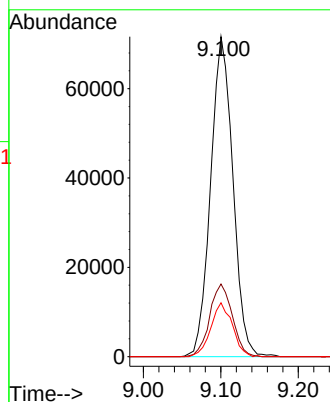
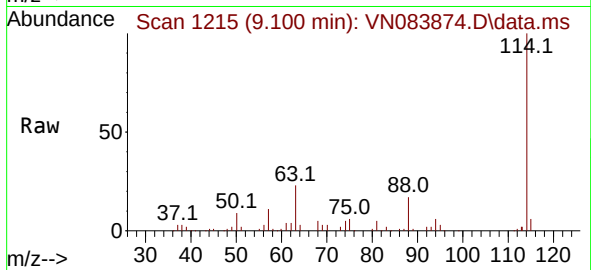




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

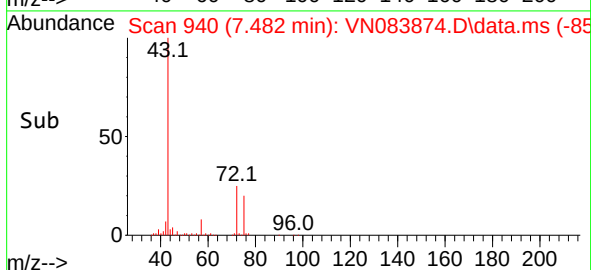
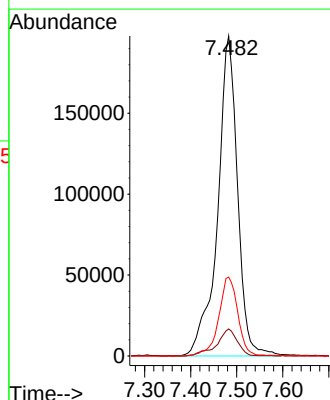
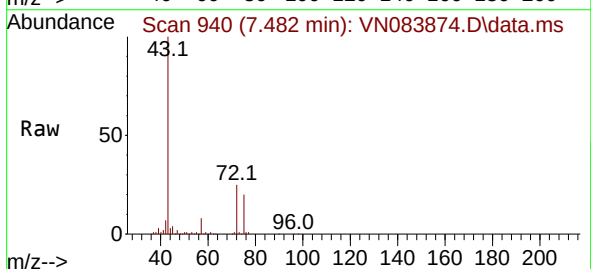
Instrument :
MSVOA_N
ClientSampleId :

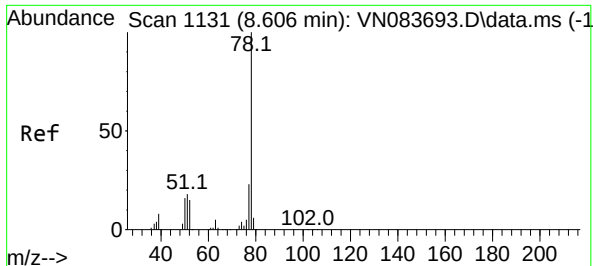
Tgt Ion:114 Resp: 143157
Ion Ratio Lower Upper
114 100
63 23.1 15.9 23.9
88 16.2 12.7 19.1



#30
2-Butanone
Concen: 553.947 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 43 Resp: 592926
Ion Ratio Lower Upper
43 100
57 7.4 6.7 10.1
72 23.5 24.0 36.0#

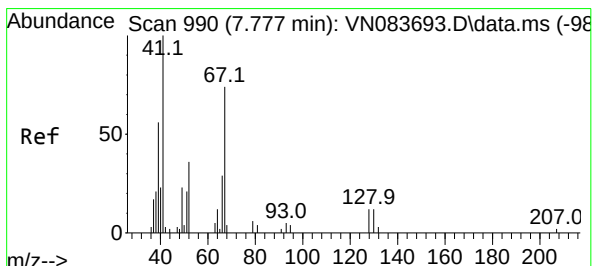
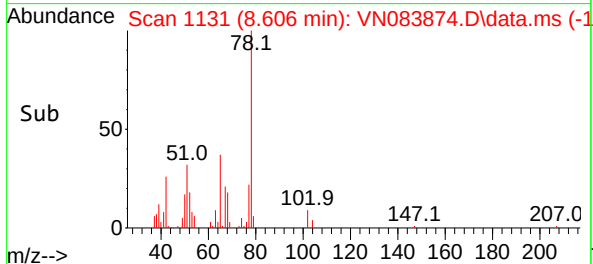
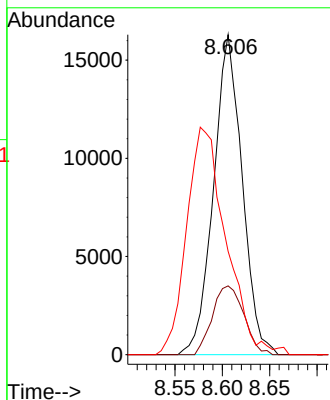
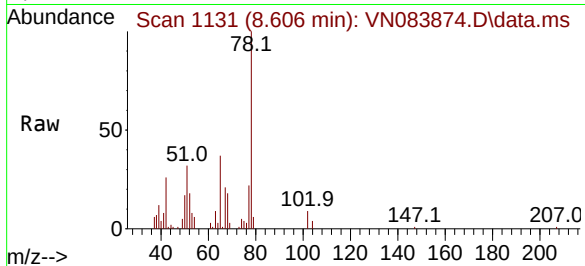




#34
Benzene
Concen: 5.028 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

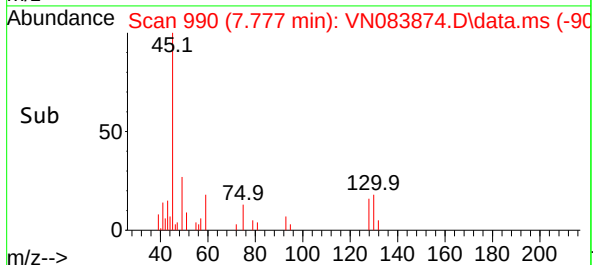
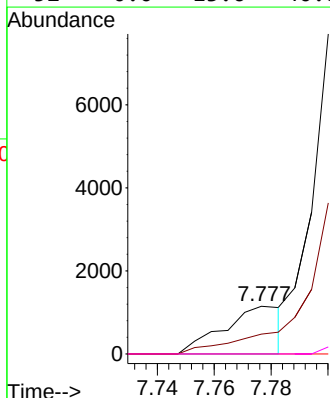
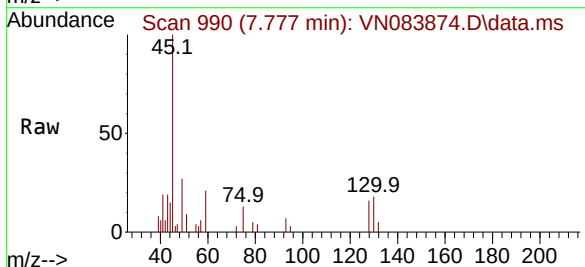
Instrument :
MSVOA_N
ClientSampleId :

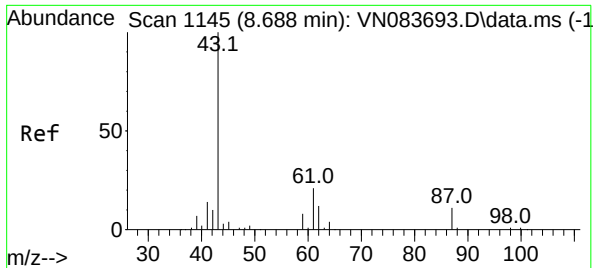
Tgt Ion: 78 Resp: 34254
Ion Ratio Lower Upper
78 100
77 21.5 19.2 28.8
51 30.2 13.3 19.9#



#35
Methacrylonitrile
Concen: 1.374 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 41 Resp: 1653
Ion Ratio Lower Upper
41 100
39 41.7 25.3 75.9
67 0.0 38.7 116.1#
52 0.0 13.6 40.8#





#44

Isopropyl Acetate

Concen: 2.497 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.035 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

Instrument :

MSVOA_N

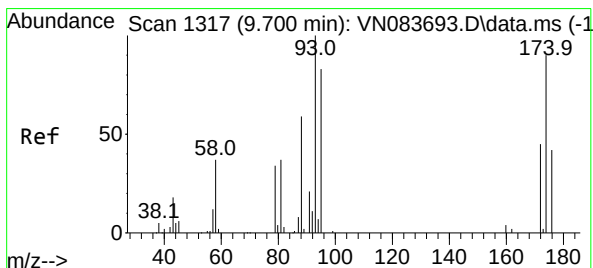
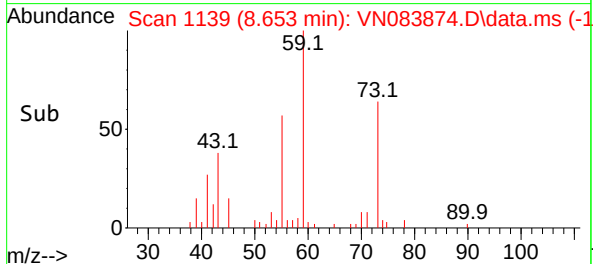
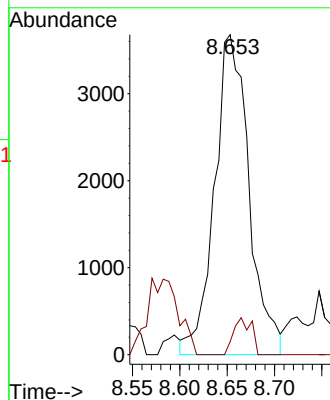
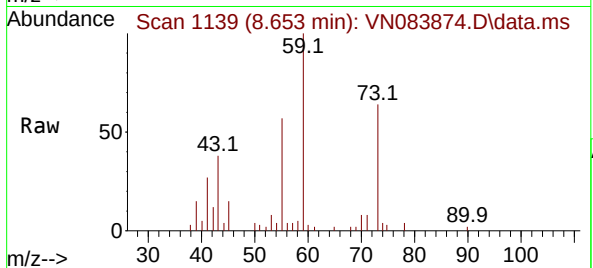
ClientSampleId :

Tgt Ion: 43 Resp: 9303

Ion Ratio Lower Upper

43 100

61 4.5 25.0 37.4#



#45

1,4-Dioxane

Concen: 116.607 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

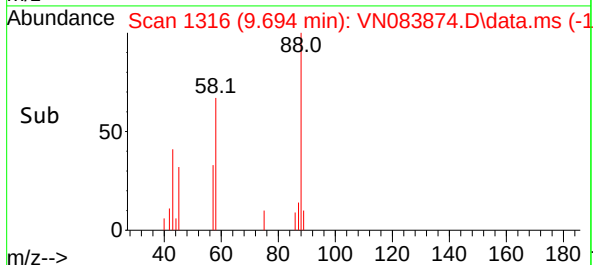
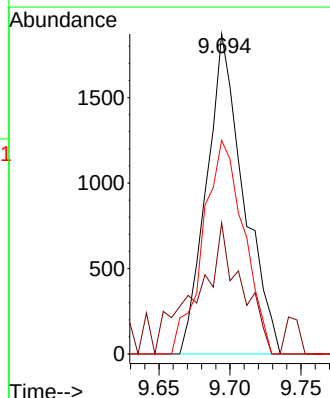
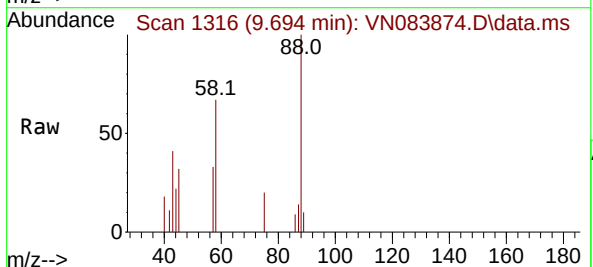
Tgt Ion: 88 Resp: 3389

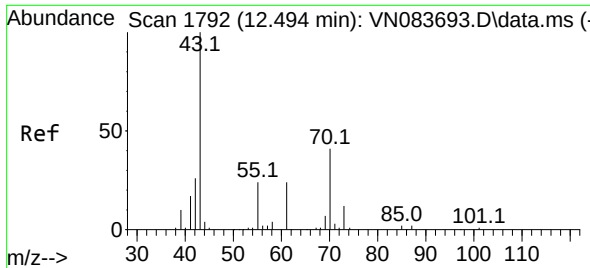
Ion Ratio Lower Upper

88 100

43 34.7 19.8 29.6#

58 74.1 55.4 83.0

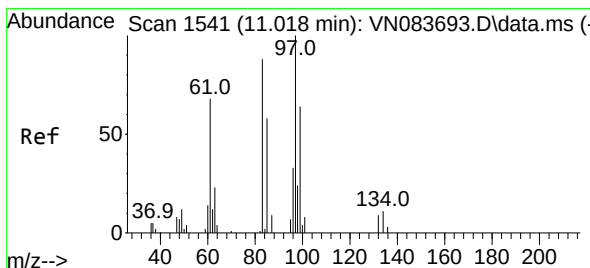
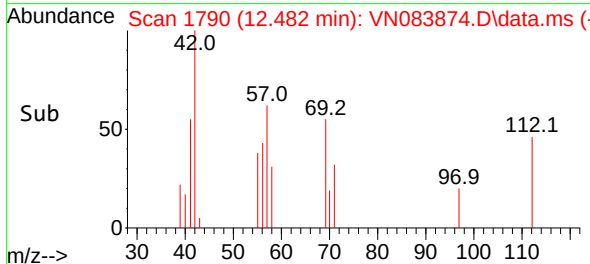
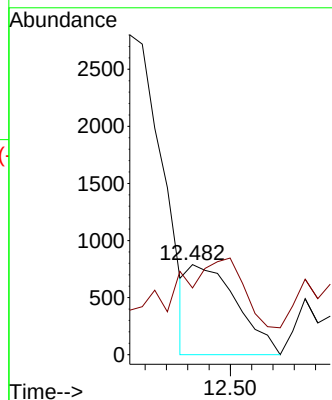
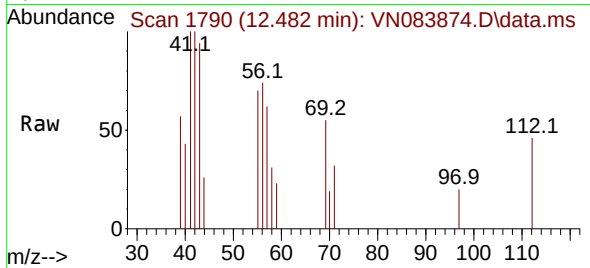




#47
n-amyl acetate
Concen: 0.381 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

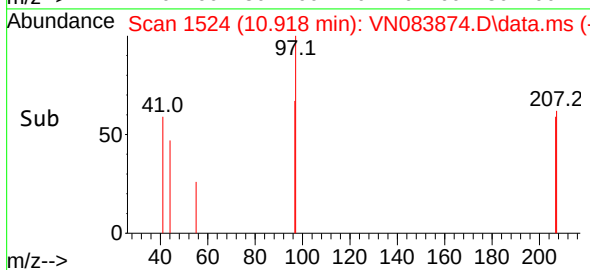
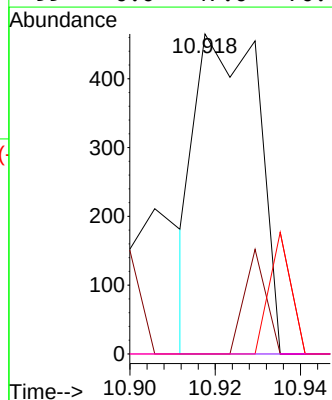
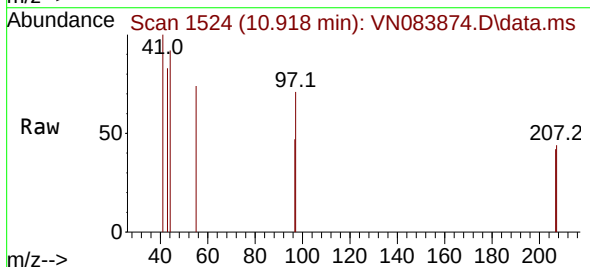
Instrument :
MSVOA_N
ClientSampleId :

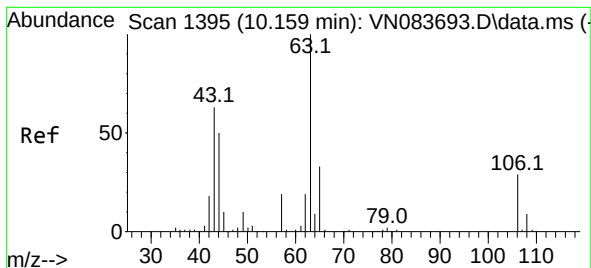
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
55 30.6 23.4 35.2



#50
1,1,2-Trichloroethane
Concen: 0.305 ug/l
RT: 10.918 min Scan# 1524
Delta R.T. -0.100 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

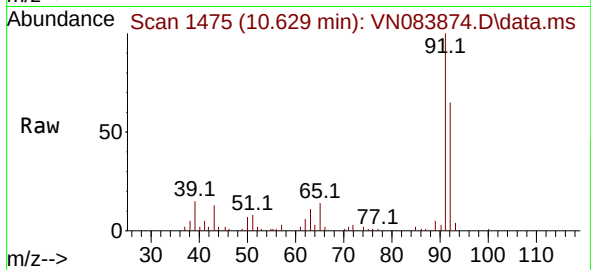
Tgt Ion: 97 Resp: 466
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 0.0 47.0 70.4#



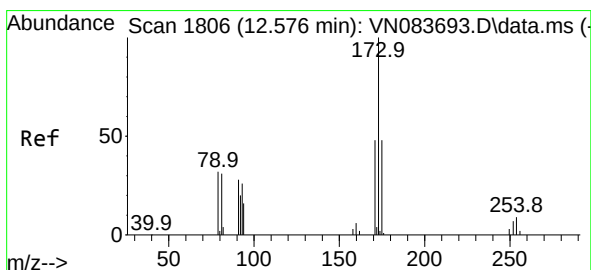
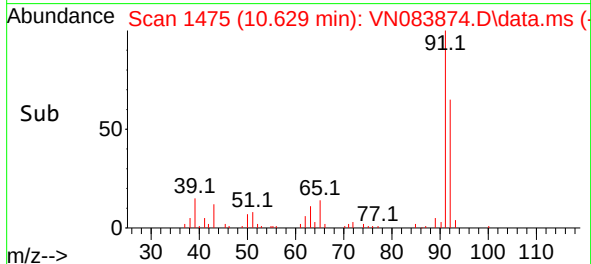
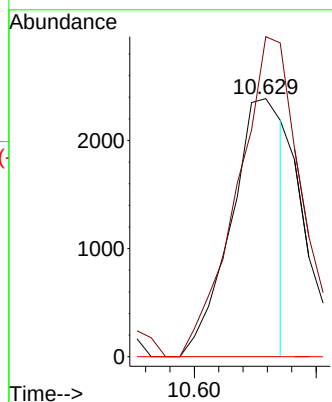


#55
2-Chloroethyl vinyl ether
Concen: 3.389 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.471 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :

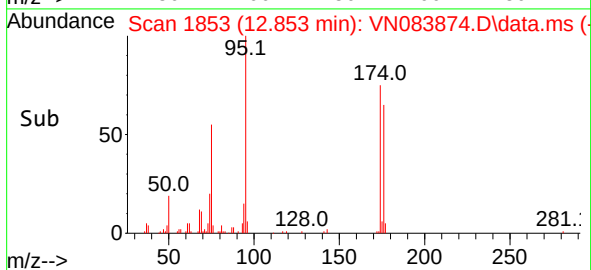
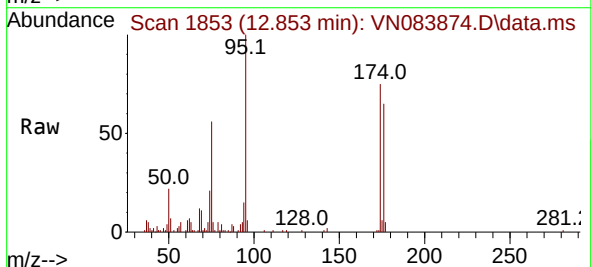
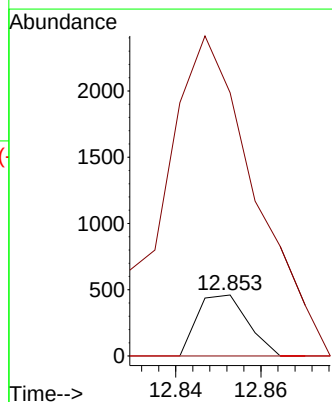


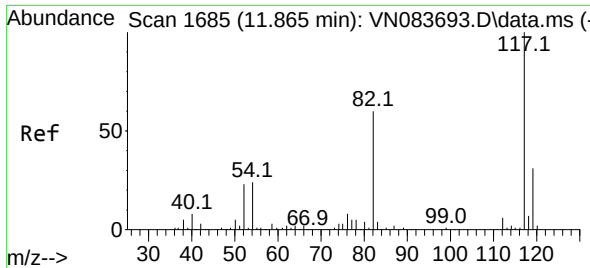
Tgt Ion: 63 Resp: 3520
Ion Ratio Lower Upper
63 100
65 113.1 26.2 39.2#
106 0.0 23.8 35.8#



#56
Bromoform
Concen: 0.326 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.276 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion:173 Resp: 379
Ion Ratio Lower Upper
173 100
175 959.9 40.0 60.0#
254 0.0 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

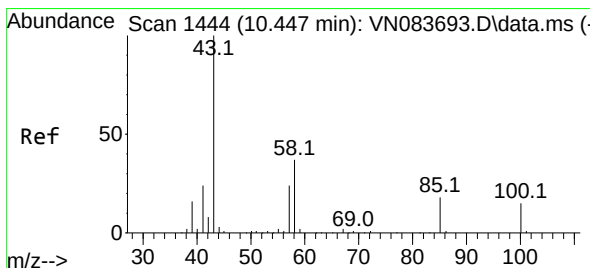
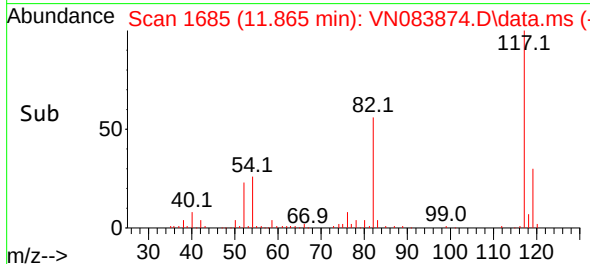
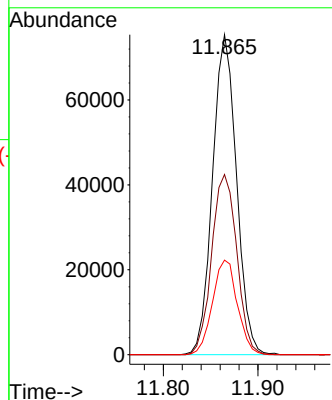
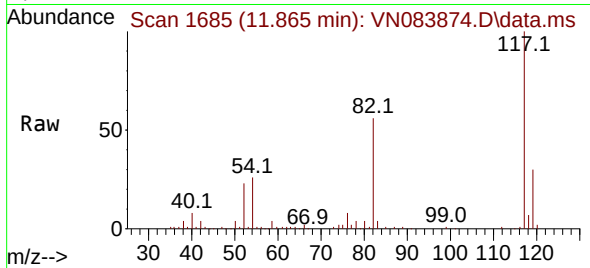
Tgt Ion:117 Resp: 132659

Ion Ratio Lower Upper

117 100

82 59.1 46.6 69.8

119 30.7 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 5.021 ug/l

RT: 10.435 min Scan# 1442

Delta R.T. -0.012 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

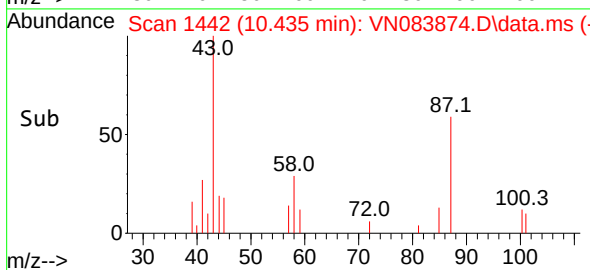
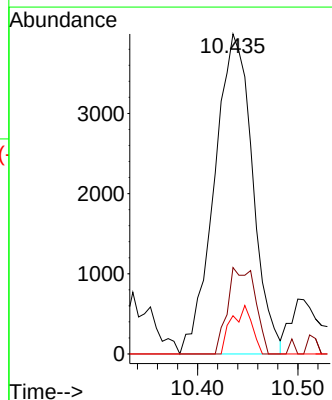
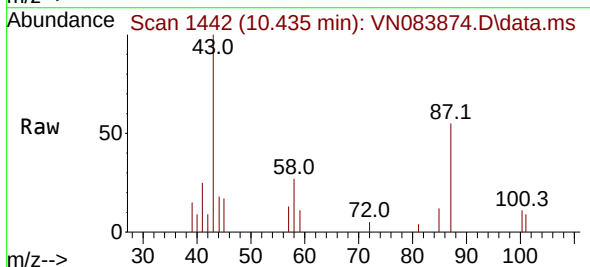
Tgt Ion: 43 Resp: 10561

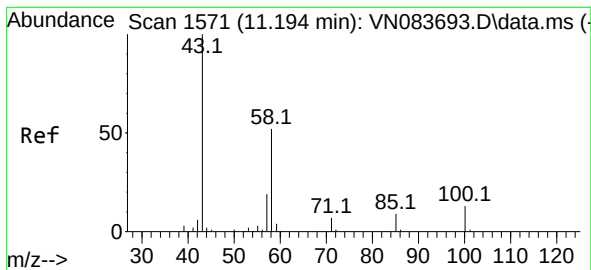
Ion Ratio Lower Upper

43 100

58 9.6 36.5 54.7#

85 4.1 19.5 29.3#

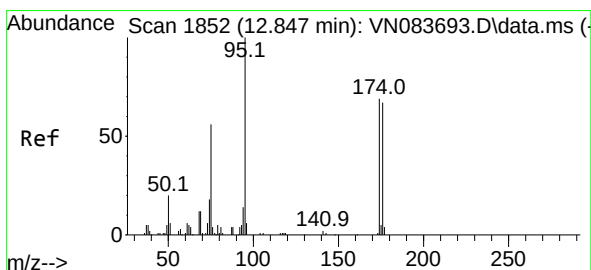
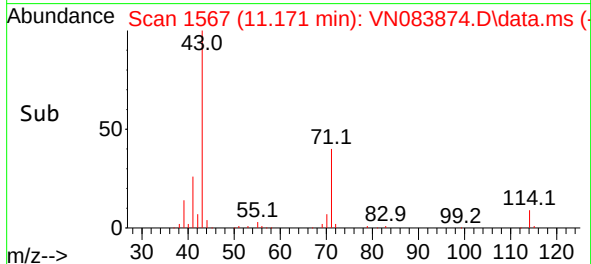
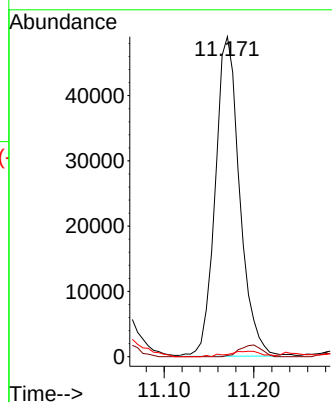
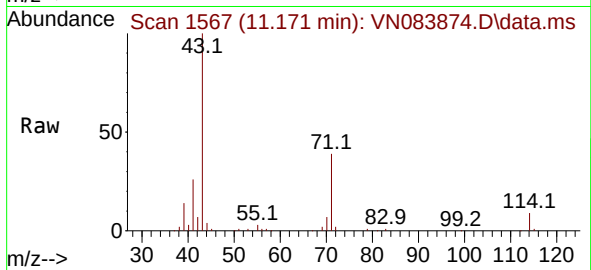




#59
2-Hexanone
Concen: 58.101 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

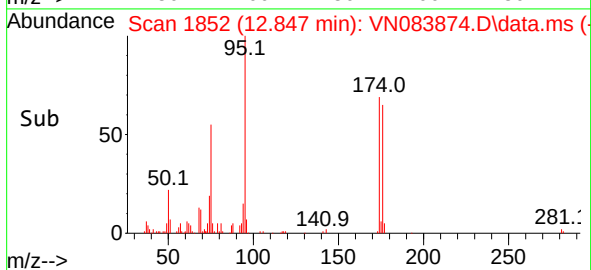
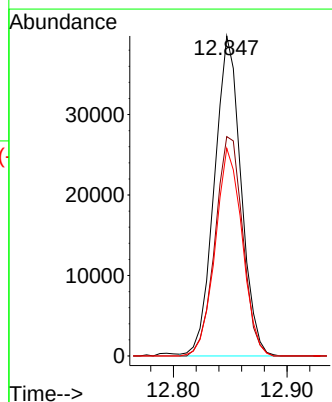
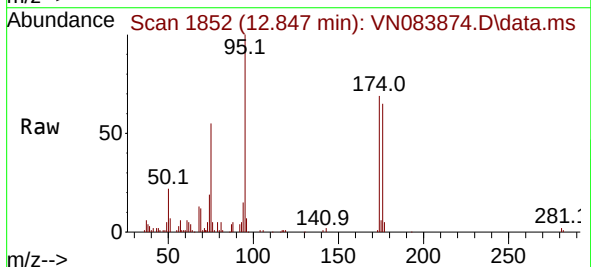
Instrument :
MSVOA_N
ClientSampleId :

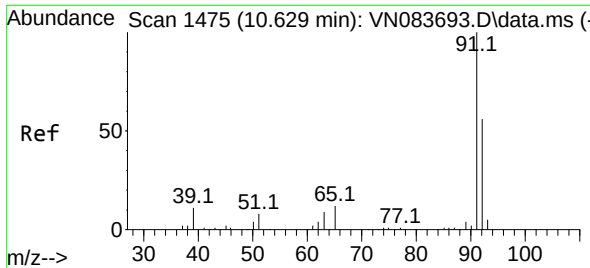
Tgt Ion: 43 Resp: 92347
Ion Ratio Lower Upper
43 100
58 0.0 50.4 75.6#
57 0.3 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 95 Resp: 64824
Ion Ratio Lower Upper
95 100
174 71.1 60.5 90.7
176 65.9 57.8 86.6

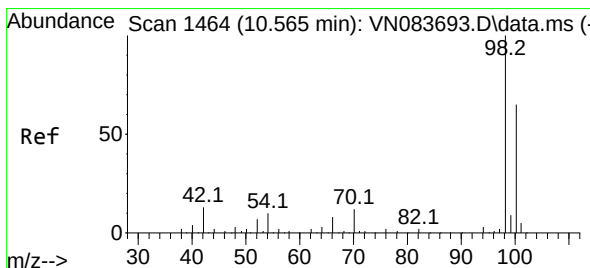
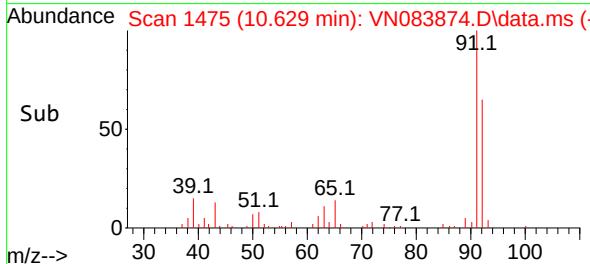
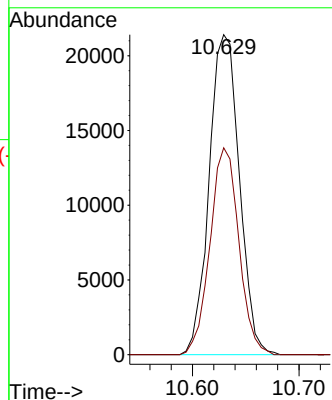
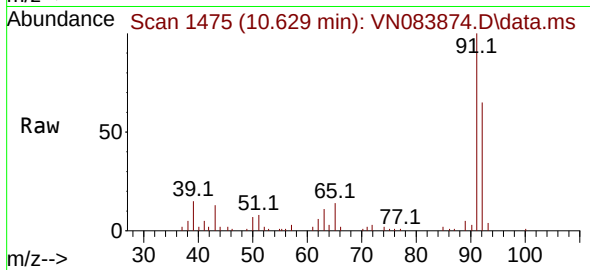




#62
Toluene
Concen: 5.536 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

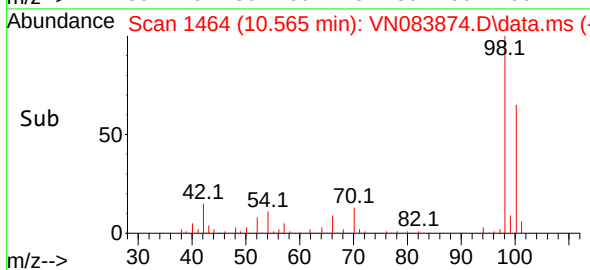
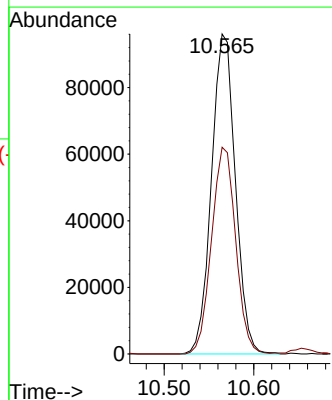
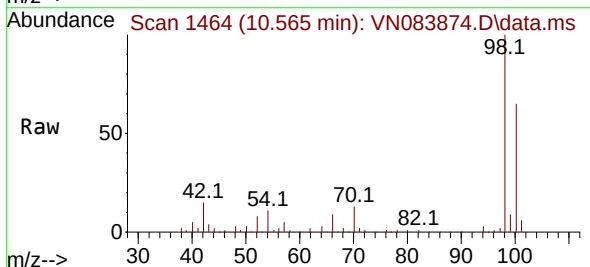
Instrument :
MSVOA_N
ClientSampleId :

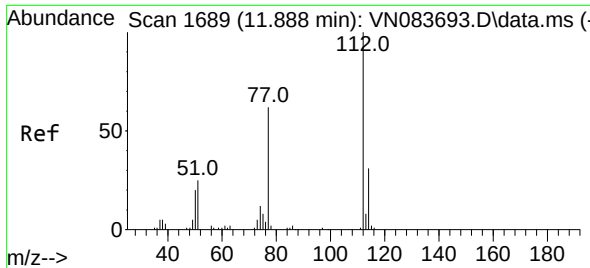
Tgt Ion: 91 Resp: 42212
Ion Ratio Lower Upper
91 100
92 61.8 46.5 69.7



#63
Toluene-d8
Concen: 28.931 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 98 Resp: 177713
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

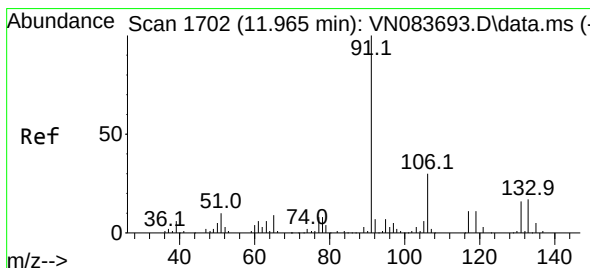
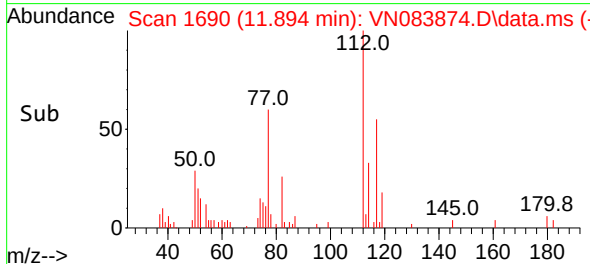
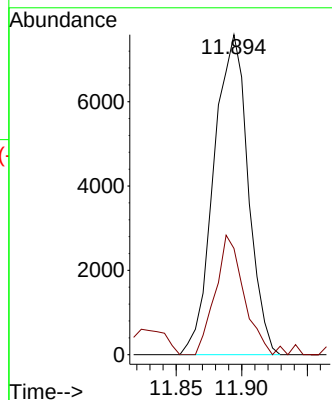
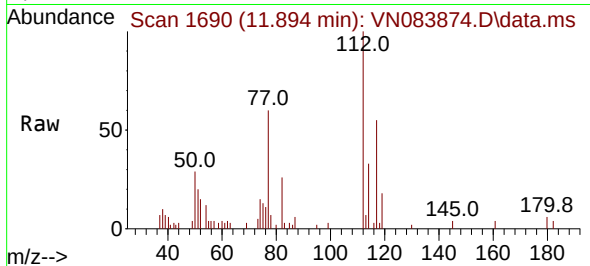




#64
Chlorobenzene
Concen: 2.924 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

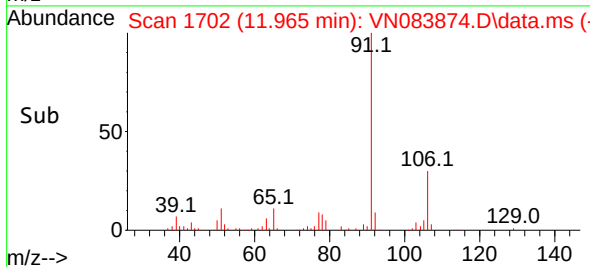
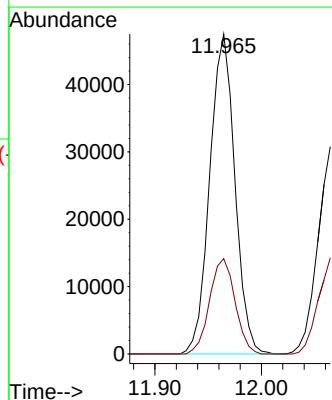
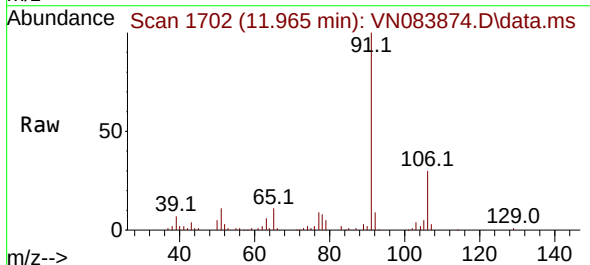
Instrument :
MSVOA_N
ClientSampleId :

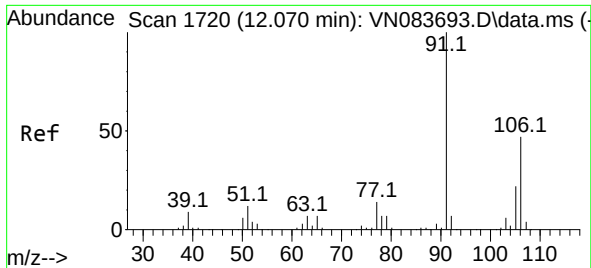
Tgt Ion:112 Resp: 13806
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8



#66
Ethyl Benzene
Concen: 8.961 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 91 Resp: 77701
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

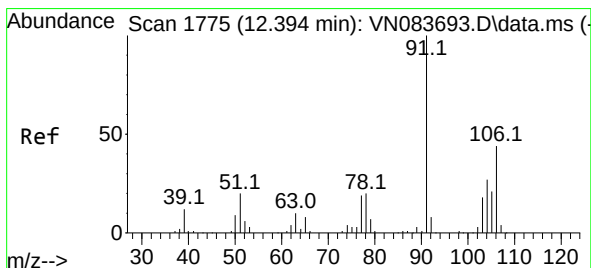
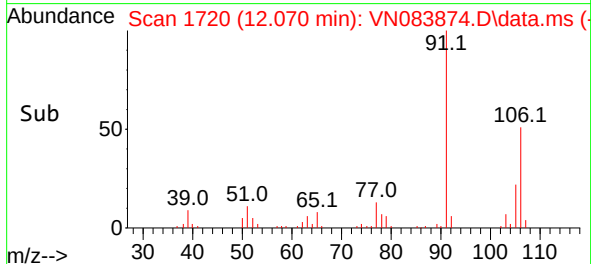
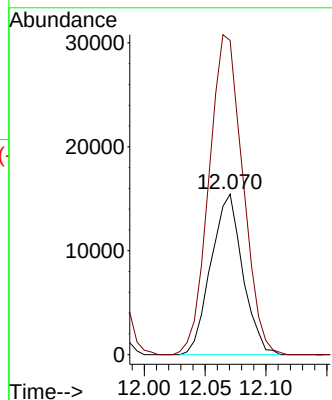
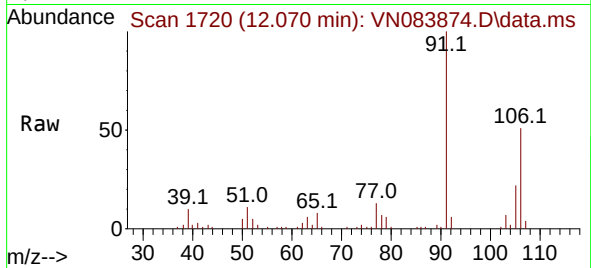




#67
m/p-Xylenes
Concen: 8.783 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

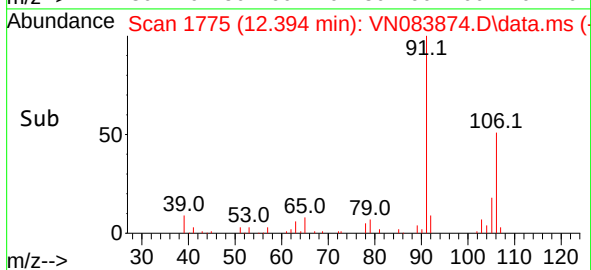
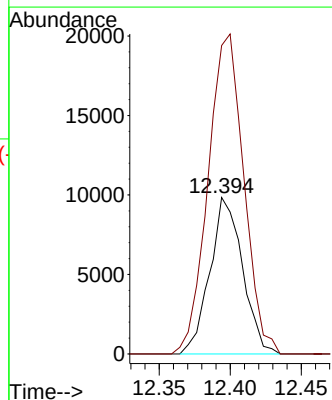
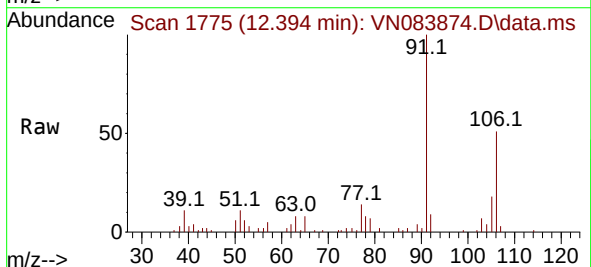
Instrument :
MSVOA_N
ClientSampleId :

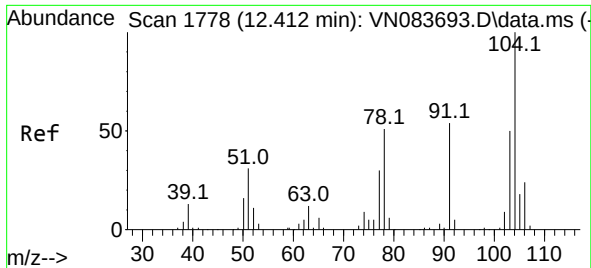
Tgt Ion:106 Resp: 28018
Ion Ratio Lower Upper
106 100
91 212.7 166.6 249.8



#68
o-Xylene
Concen: 5.096 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion:106 Resp: 15734
Ion Ratio Lower Upper
106 100
91 223.8 110.0 330.0

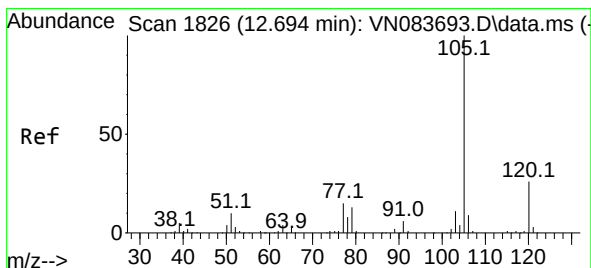
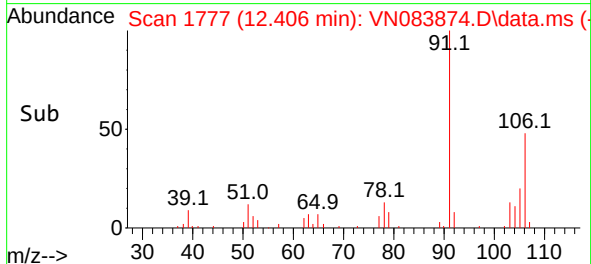
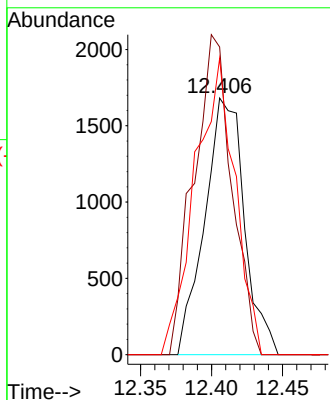
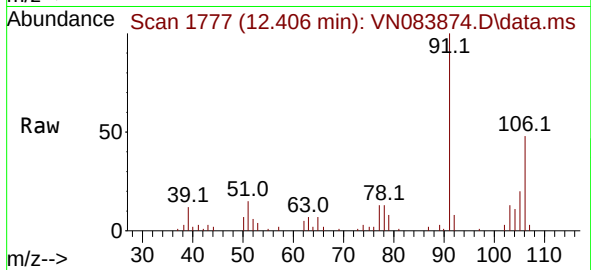




#69
Styrene
Concen: 0.626 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

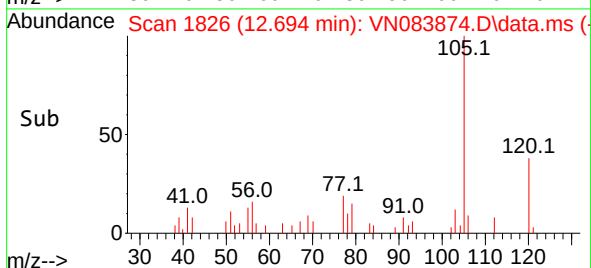
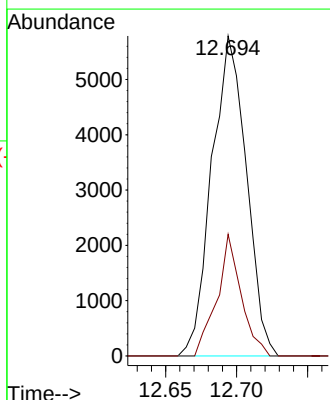
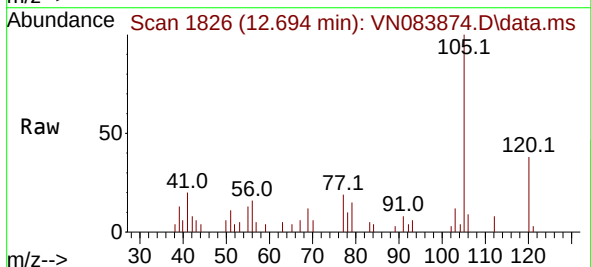
Instrument :
MSVOA_N
ClientSampleId :

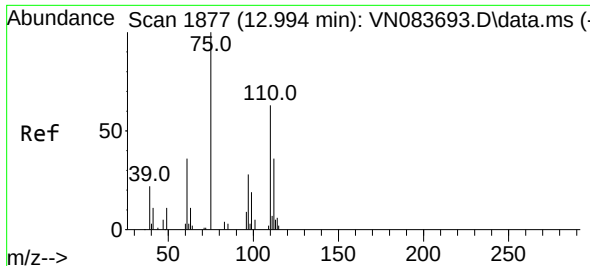
Tgt Ion:104 Resp: 3264
Ion Ratio Lower Upper
104 100
78 119.6 42.6 64.0#
103 116.0 43.7 65.5#



#70
Isopropylbenzene
Concen: 1.202 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion:105 Resp: 9792
Ion Ratio Lower Upper
105 100
120 26.6 17.8 33.1

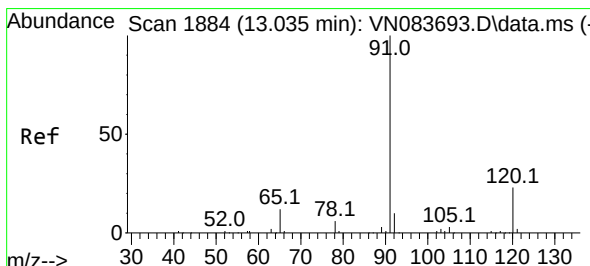
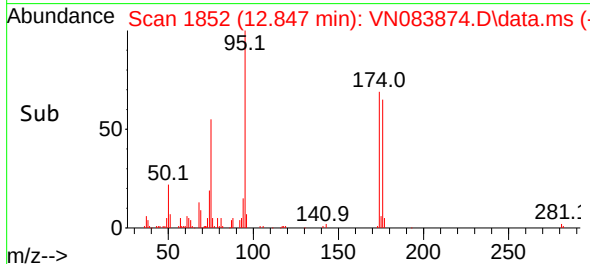
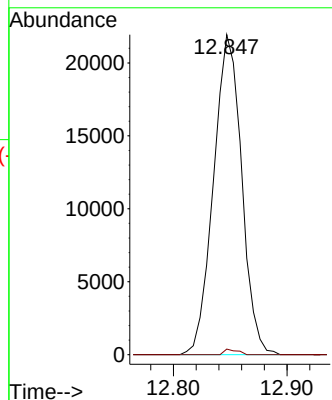
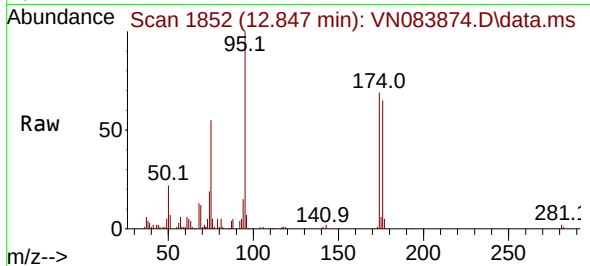




#72
1,2,3-Trichloropropane
Concen: 19.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

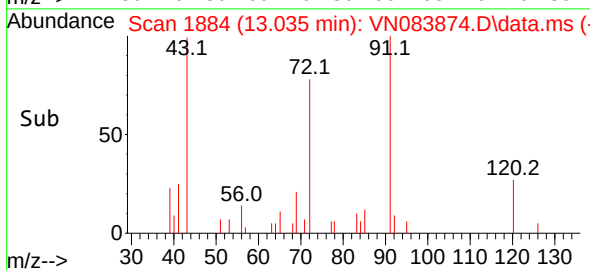
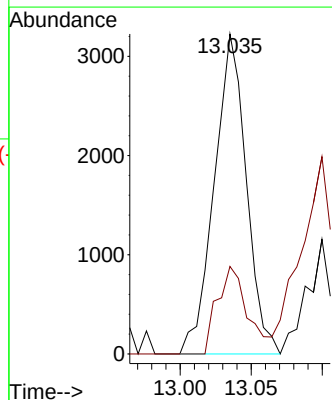
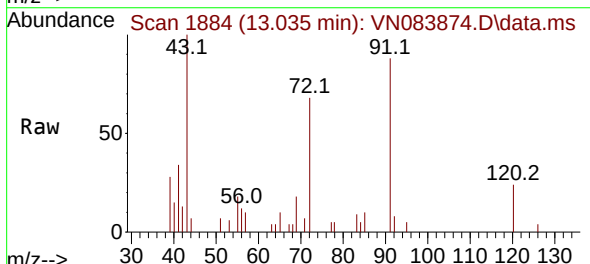
Instrument :
MSVOA_N
ClientSampleId :

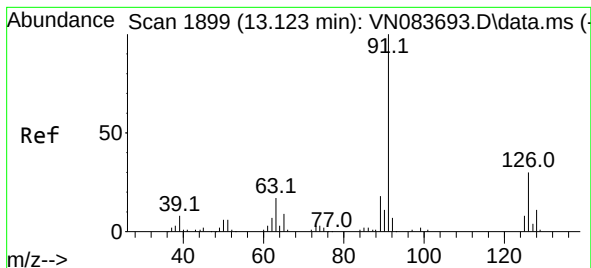
Tgt Ion: 75 Resp: 37753
Ion Ratio Lower Upper
75 100
77 0.8 0.0 367.6



#74
n-propylbenzene
Concen: 0.530 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 91 Resp: 5058
Ion Ratio Lower Upper
91 100
120 26.2 0.0 43.8





#75

2-Chlorotoluene

Concen: 0.305 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN083874.D

Acq: 13 Sep 2024 16:55

Instrument :

MSVOA_N

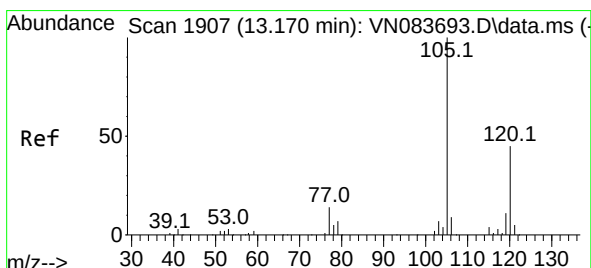
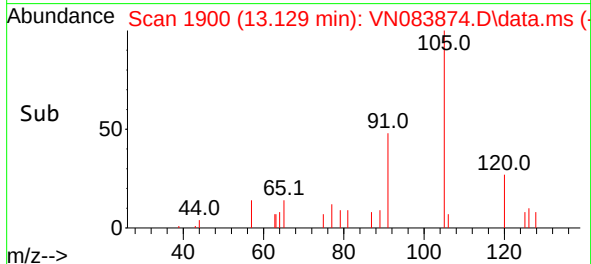
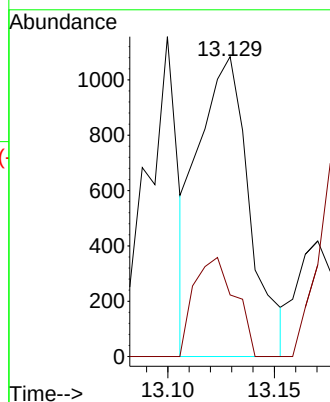
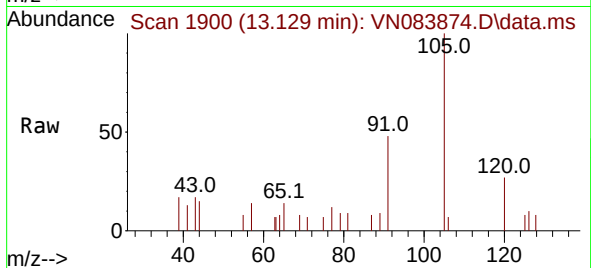
ClientSampleId :

Tgt Ion: 91 Resp: 1815

Ion Ratio Lower Upper

91 100

126 26.6 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 0.691 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083874.D

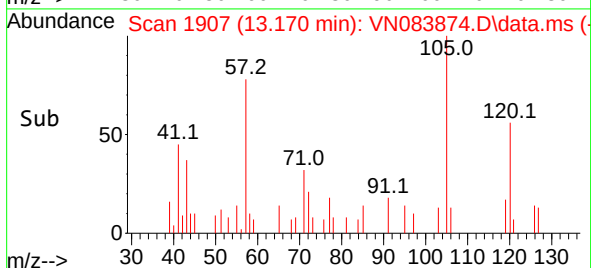
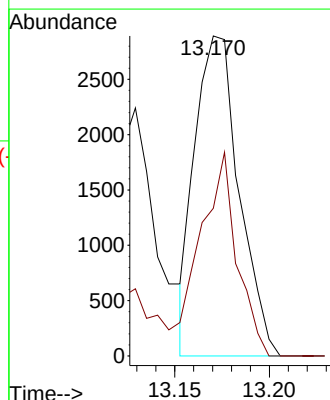
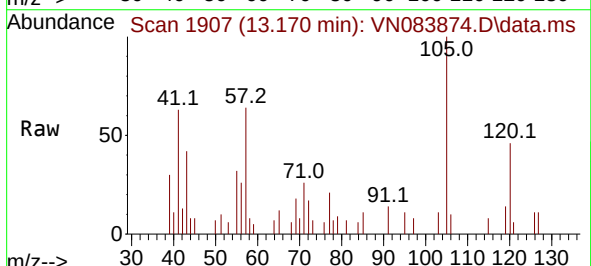
Acq: 13 Sep 2024 16:55

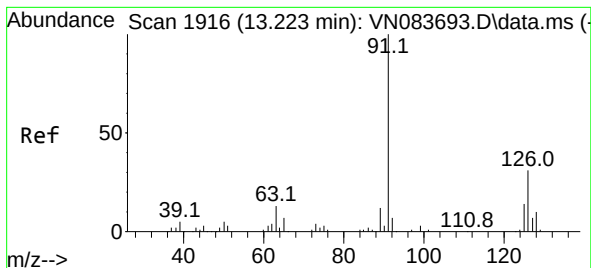
Tgt Ion: 105 Resp: 4703

Ion Ratio Lower Upper

105 100

120 53.1 0.0 95.8

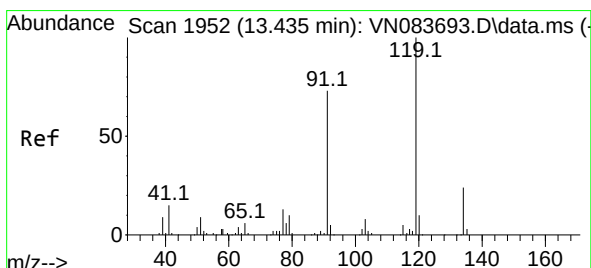
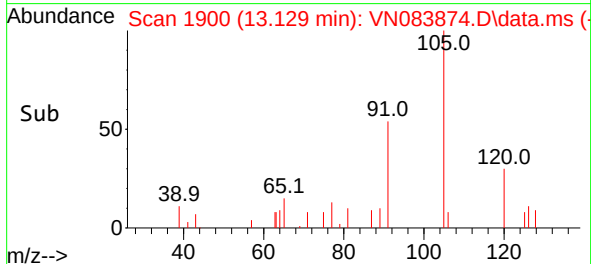
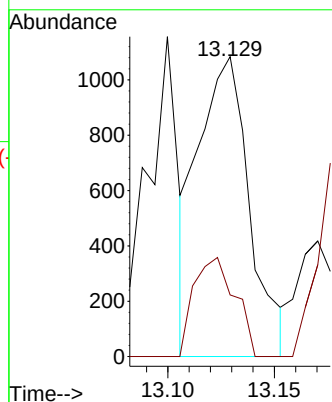
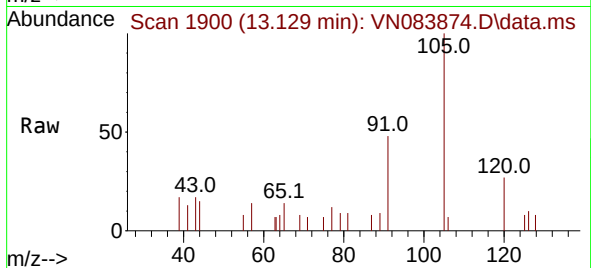




#78
4-Chlorotoluene
Concen: 0.301 ug/l
RT: 13.129 min Scan# 1916
Delta R.T. -0.094 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

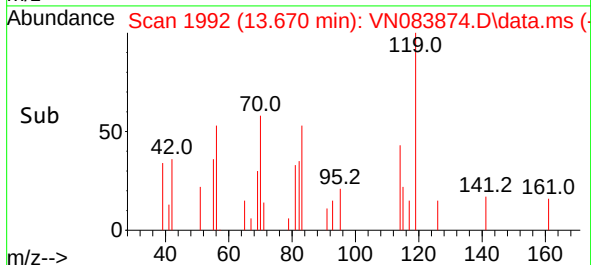
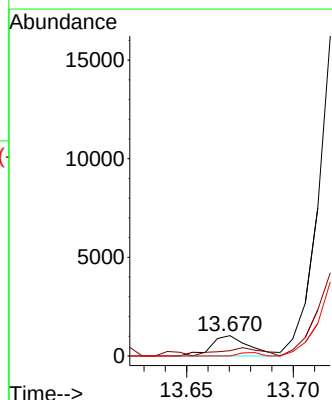
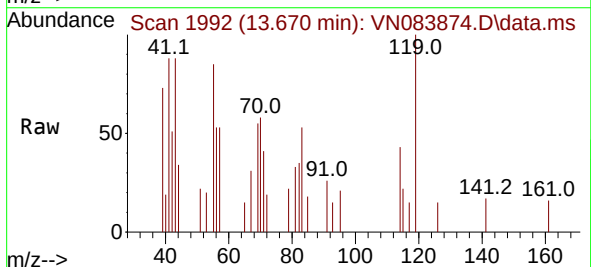
Instrument :
MSVOA_N
ClientSampleId :

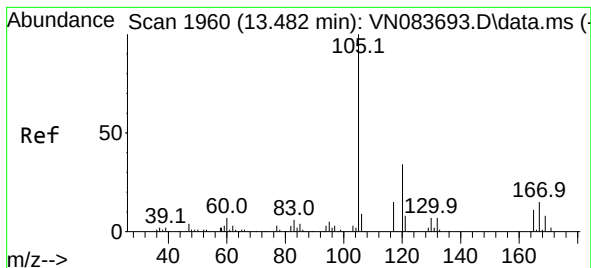
Tgt Ion: 91 Resp: 1815
Ion Ratio Lower Upper
91 100
126 26.6 0.0 62.8



#79
tert-butylbenzene
Concen: 0.219 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. 0.235 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion: 119 Resp: 1305
Ion Ratio Lower Upper
119 100
91 42.8 0.0 138.8
134 8.8 0.0 48.6

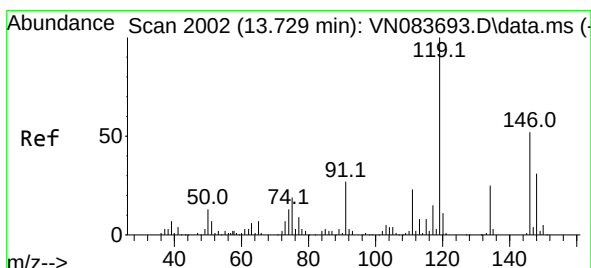
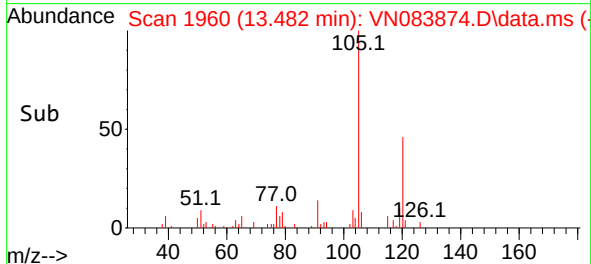
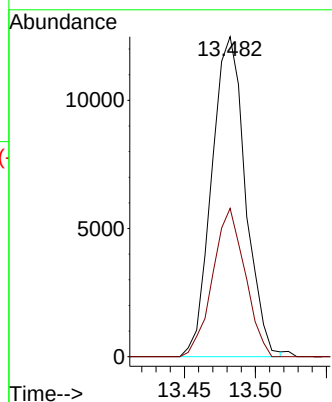
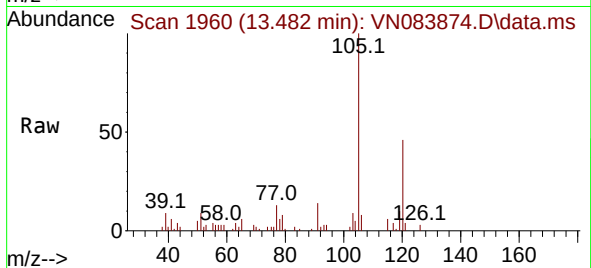




#80
1,2,4-Trimethylbenzene
Concen: 2.993 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

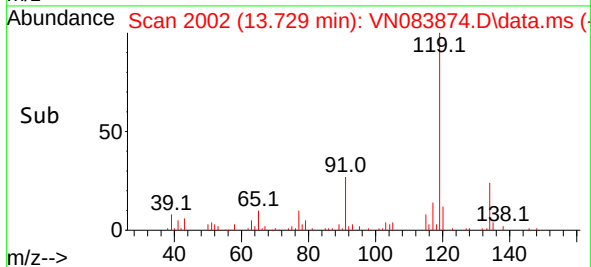
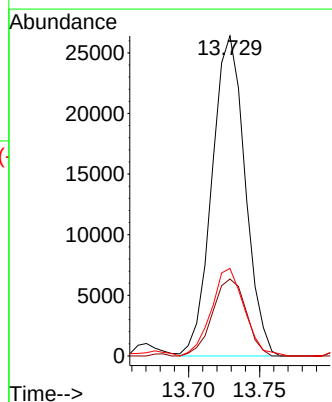
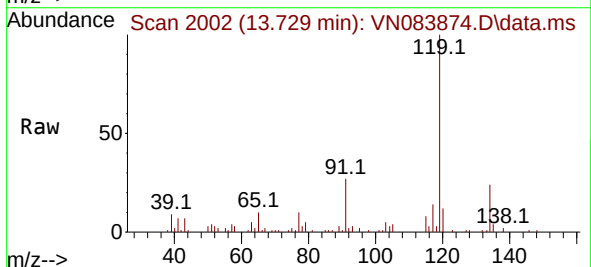
Instrument :
MSVOA_N
ClientSampleId :

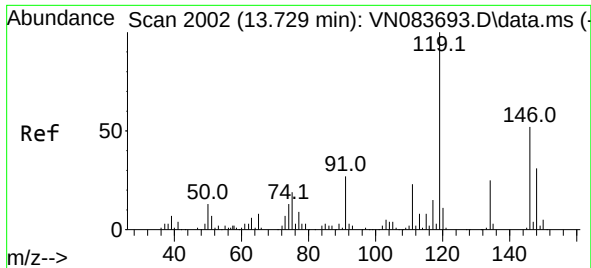
Tgt Ion:105 Resp: 20584
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.8



#82
p-Isopropyltoluene
Concen: 6.253 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Tgt Ion:119 Resp: 42777
Ion Ratio Lower Upper
119 100
134 24.4 0.0 49.2
91 27.4 0.0 48.8

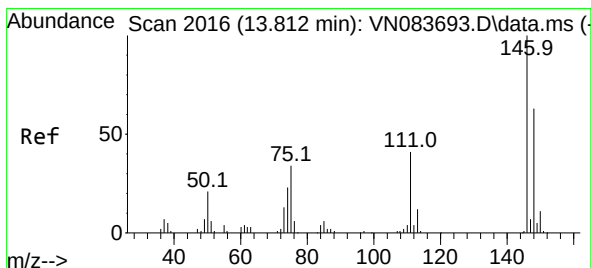
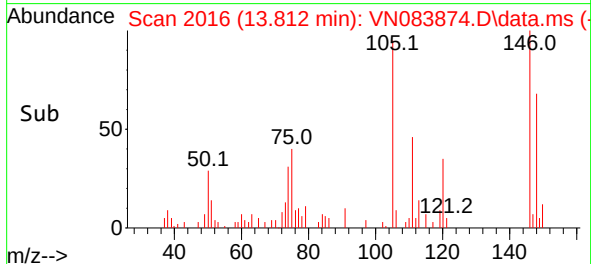
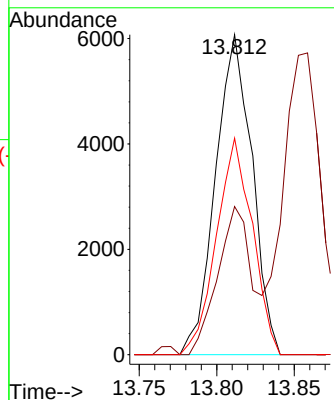
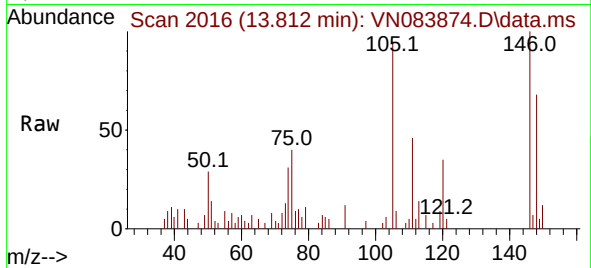




#83
 1,3-Dichlorobenzene
 Concen: 2.765 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.082 min
 Lab File: VN083874.D
 Acq: 13 Sep 2024 16:55

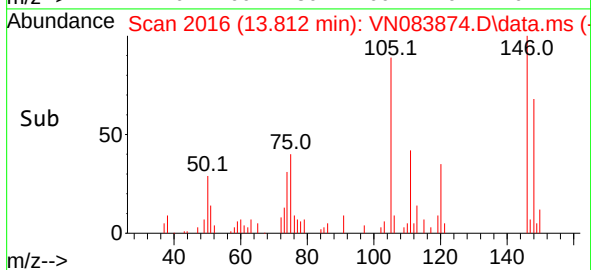
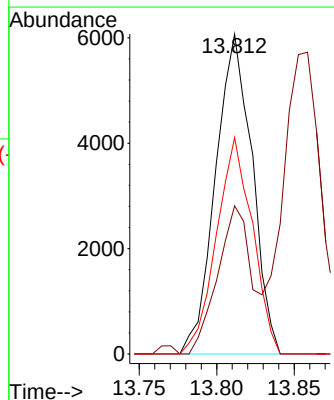
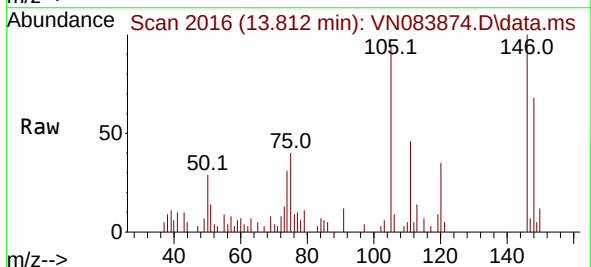
Instrument :
 MSVOA_N
 ClientSampleId :

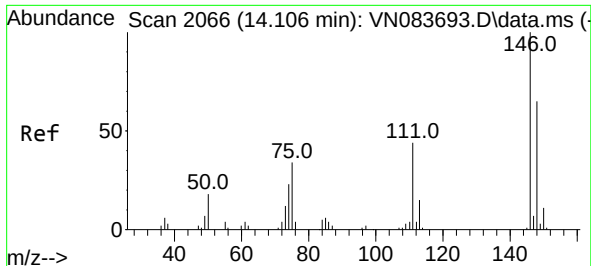
Tgt Ion:146 Resp: 9961
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.0
 148 66.6 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 2.766 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083874.D
 Acq: 13 Sep 2024 16:55

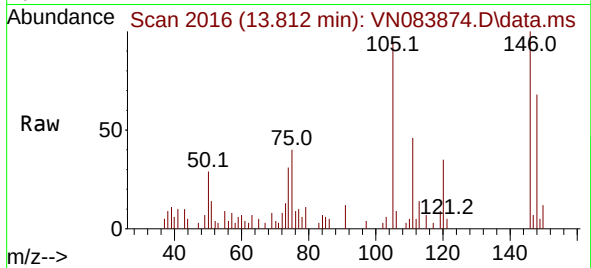
Tgt Ion:146 Resp: 9961
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 63.9
 148 66.6 31.9 95.5



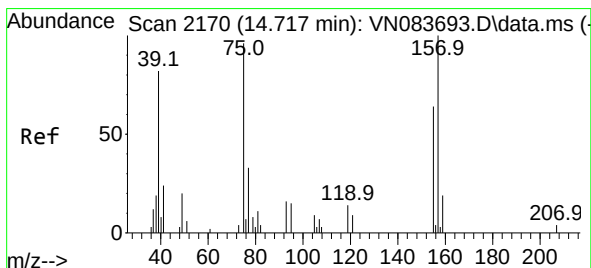
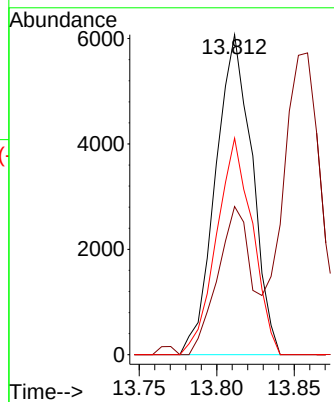
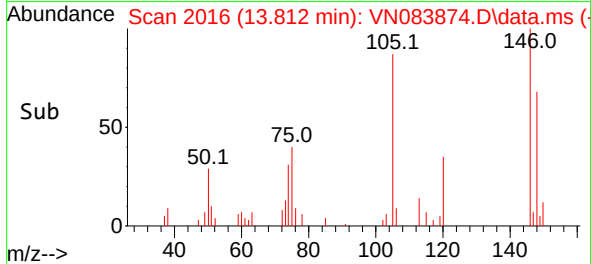


#87
 1,2-Dichlorobenzene
 Concen: 2.849 ug/l
 RT: 13.812 min Scan# 2066
 Delta R.T. -0.294 min
 Lab File: VN083874.D
 Acq: 13 Sep 2024 16:55

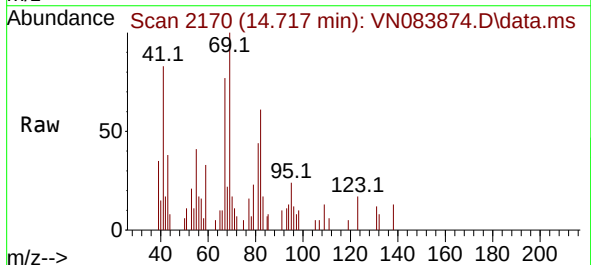
Instrument :
 MSVOA_N
 ClientSampleId :



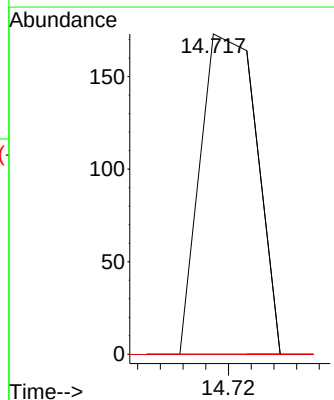
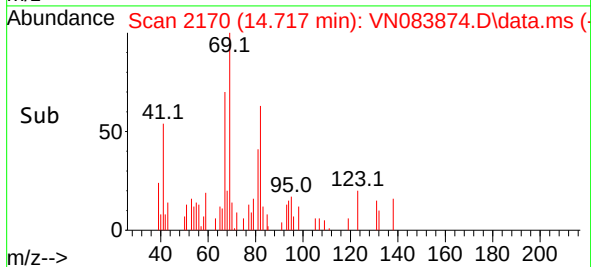
Tgt Ion:146 Resp: 9961
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.6 67.8
 148 66.6 31.3 93.8

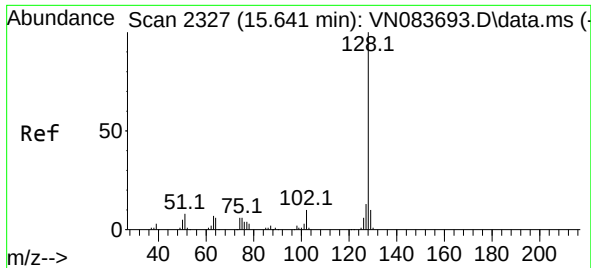


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 0.243 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN083874.D
 Acq: 13 Sep 2024 16:55



Tgt Ion: 75 Resp: 119
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.7 92.5#
 157 0.0 83.6 125.4#





#91
Naphthalene
Concen: 24.778 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083874.D
Acq: 13 Sep 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 155137
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

