

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084624.D
 Acq On : 31 Oct 2024 17:25
 Operator : JC\MD
 Sample : P4646-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 02:49:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30788	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160595	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150355	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72579	29.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.733%
60) 4-Bromofluorobenzene	12.847	95	72009	27.815	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.700%
63) Toluene-d8	10.565	98	198530	27.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.967%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	604	0.302	ug/l #	46
8) Diethyl Ether	3.959	74	1196	1.031	ug/l #	1
12) Methyl Acetate	5.018	43	1020	0.365	ug/l #	52
14) Acrylonitrile	5.565	53	5293	5.785	ug/l #	33
15) Acetone	4.430	58	67225	285.951	ug/l	92
16) Carbon Disulfide	4.689	76	3437	0.651	ug/l #	78
23) tert-Butyl Alcohol	5.553	59	1301139	4073.413	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	10389	1.790	ug/l	92
30) 2-Butanone	7.483	43	264366	236.931	ug/l	94
31) 2,2-Dichloropropane	7.453	77	82041	27.785	ug/l #	54
34) Benzene	8.600	78	33478	4.187	ug/l #	84
35) Methacrylonitrile	7.836	41	203340	153.761	ug/l #	44
44) Isopropyl Acetate	8.671	43	5735	1.208	ug/l #	67
45) 1,4-Dioxane	9.700	88	3026	95.472	ug/l #	84
47) n-amyl Acetate	12.835	43	1428	0.403	ug/l	92
50) 1,1,2-Trichloroethane	10.929	97	596	0.330	ug/l #	51
58) 4-Methyl-2-Pentanone	10.447	43	8956	3.776	ug/l #	77
59) 2-Hexanone	11.171	43	56386	32.463	ug/l #	33
62) Toluene	10.624	91	19845	2.317	ug/l	97
64) Chlorobenzene	11.888	112	7252	1.403	ug/l	89
66) Ethyl Benzene	11.965	91	57034	6.337	ug/l	94
67) m/p-Xylenes	12.071	106	28691	8.327	ug/l	99
68) o-Xylene	12.394	106	17412	5.239	ug/l	98
69) Styrene	12.406	104	3235	0.580	ug/l #	16
70) Isopropylbenzene	12.694	105	8063	0.977	ug/l	97
74) n-propylbenzene	13.035	91	5033	0.521	ug/l	98
75) 2-Chlorotoluene	13.123	91	1928	0.307	ug/l	88
76) 1,3,5-Trimethylbenzene	13.171	105	5106	0.724	ug/l	100
77) t-1,4-Dichloro-2-butene	12.406	75	403	0.430	ug/l	59
78) 4-Chlorotoluene	13.223	91	1520	0.239	ug/l	50
79) tert-butylbenzene	13.676	119	1582	0.271	ug/l	49
80) 1,2,4-Trimethylbenzene	13.482	105	20270	2.848	ug/l	97
82) p-Isopropyltoluene	13.723	119	6988	1.035	ug/l	94
83) 1,3-Dichlorobenzene	13.735	146	933	0.237	ug/l	94
84) 1,4-Dichlorobenzene	13.806	146	13402	3.444	ug/l	95
85) n-Butylbenzene	14.053	91	1456	0.257	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	1621	0.418	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	14.706	75	462	0.895	ug/l #	6
89) 1,2,4-Trichlorobenzene	15.841	180	412	0.218	ug/l #	75

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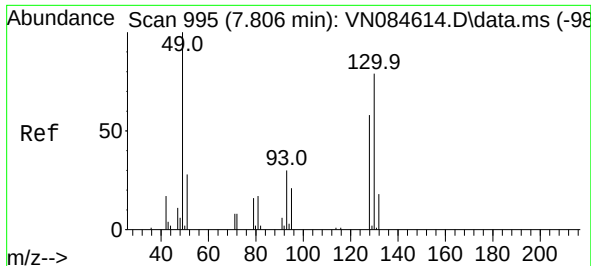
Quant Time: Nov 01 02:49:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	15.641	128	205176	33.999	ug/l	99
92) 1,2,3-Trichlorobenzene	15.388	180	544	0.288	ug/l	53

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

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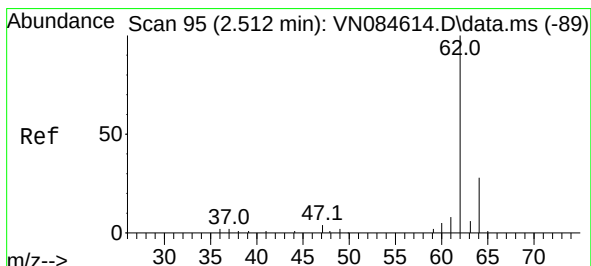
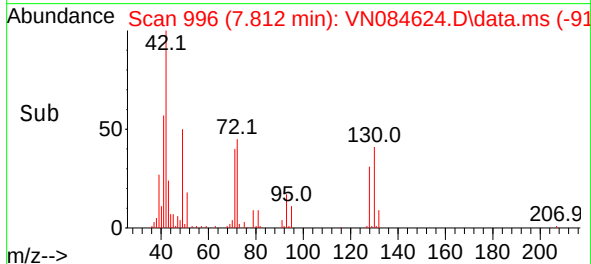
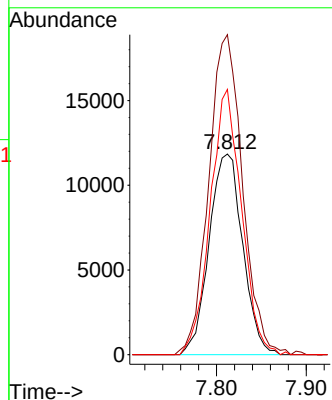
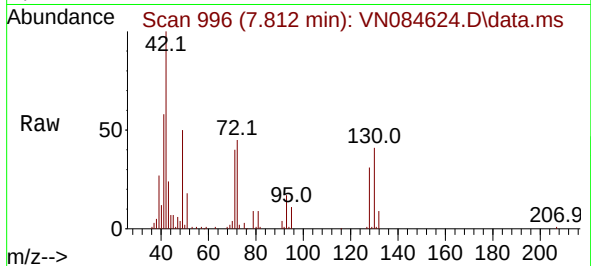




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

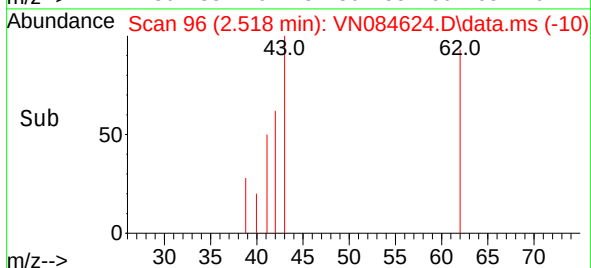
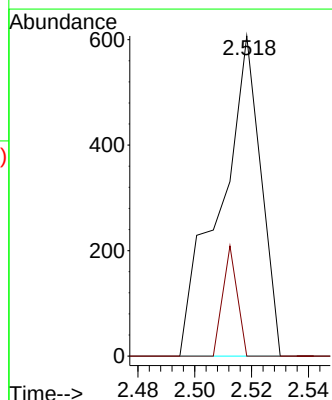
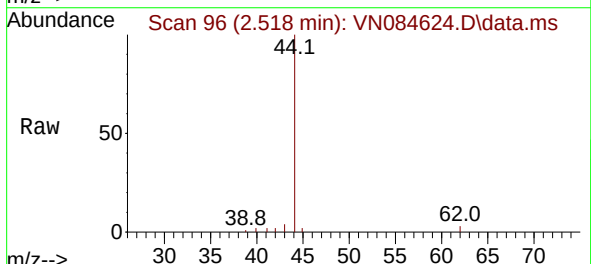
Instrument :
MSVOA_N
ClientSampleId :

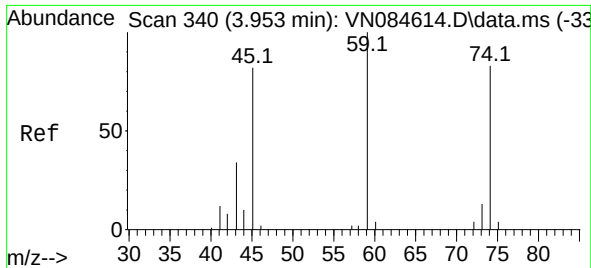
Tgt Ion:128 Resp: 30788
Ion Ratio Lower Upper
128 100
49 160.2 0.0 427.0
130 123.2 0.0 322.2



#4
Vinyl Chloride
Concen: 0.302 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 62 Resp: 604
Ion Ratio Lower Upper
62 100
64 0.0 23.1 34.7#





#8

Diethyl Ether

Concen: 1.031 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.006 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

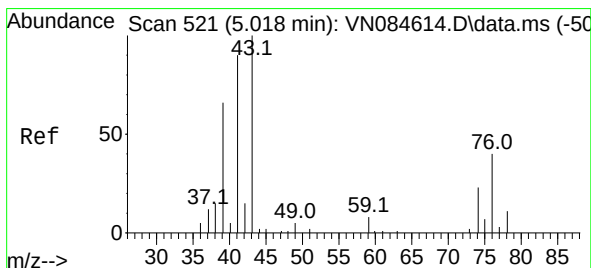
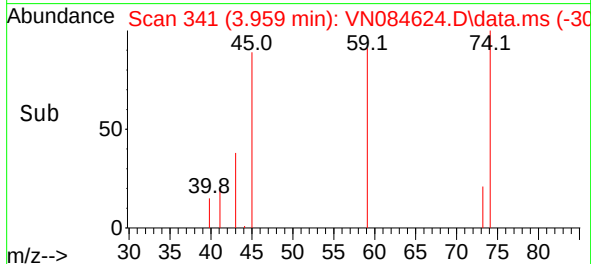
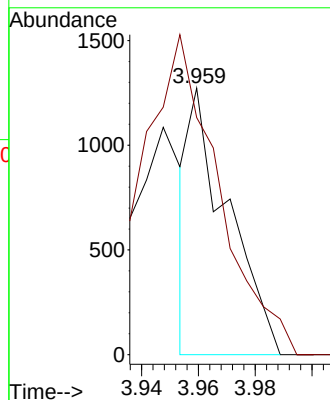
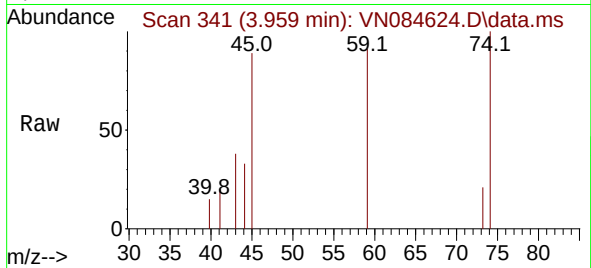
ClientSampleId :

Tgt Ion: 74 Resp: 1196

Ion Ratio Lower Upper

74 100

45 0.0 19.8 178.4#



#12

Methyl Acetate

Concen: 0.365 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN084624.D

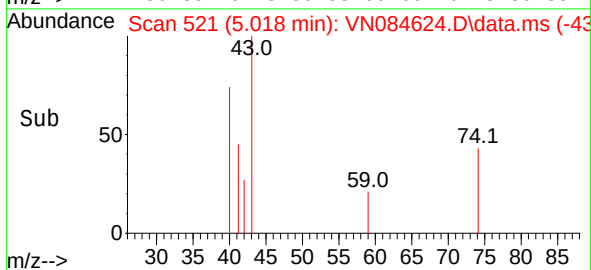
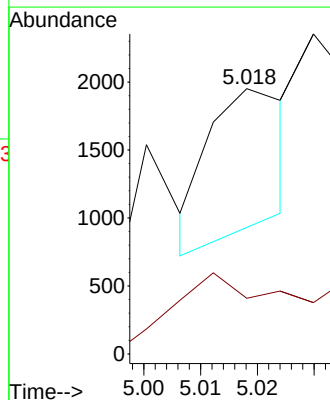
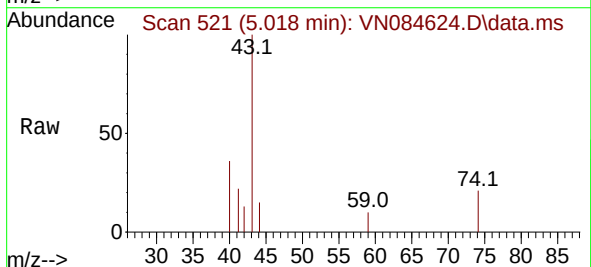
Acq: 31 Oct 2024 17:25

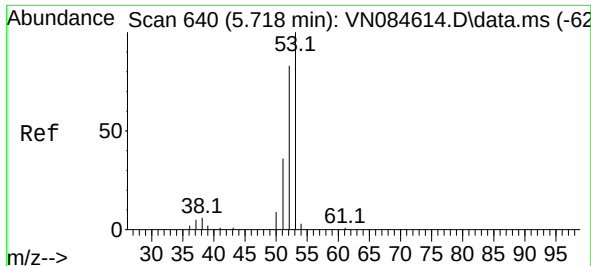
Tgt Ion: 43 Resp: 1020

Ion Ratio Lower Upper

43 100

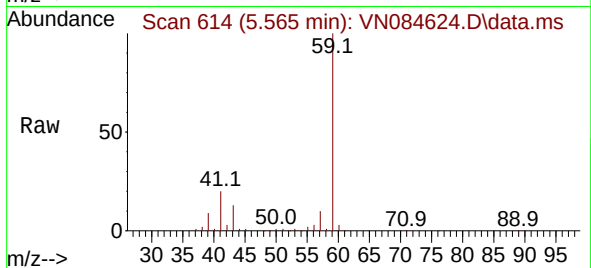
74 0.0 19.0 28.4#



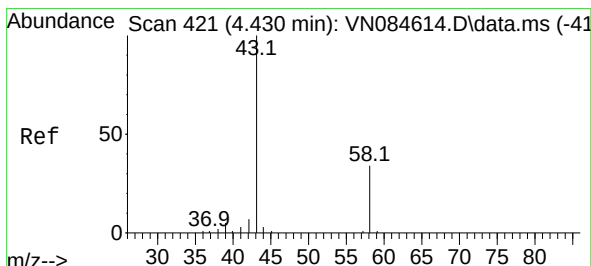
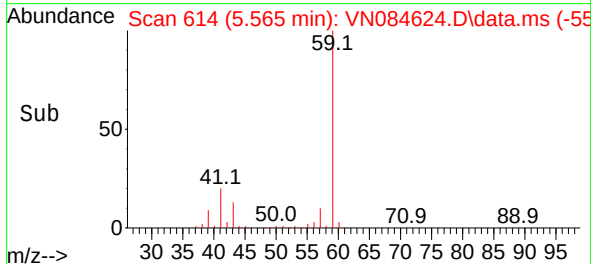
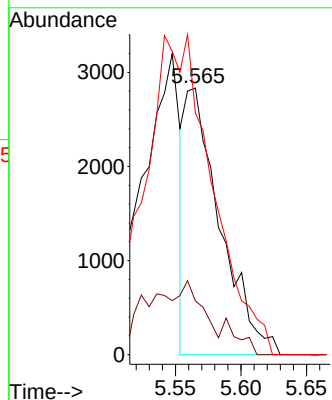


#14
Acrylonitrile
Concen: 5.785 ug/l
RT: 5.565 min Scan# 61
Delta R.T. -0.153 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Instrument :
MSVOA_N
ClientSampleId :

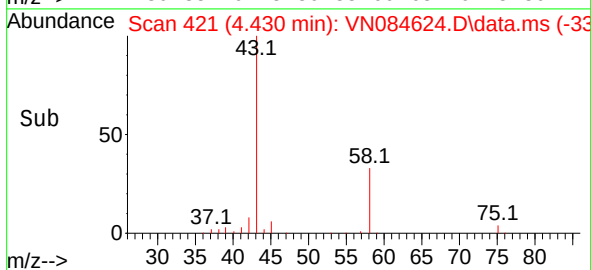
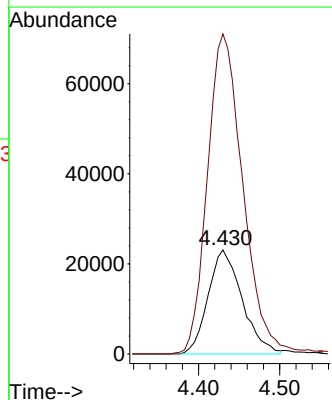
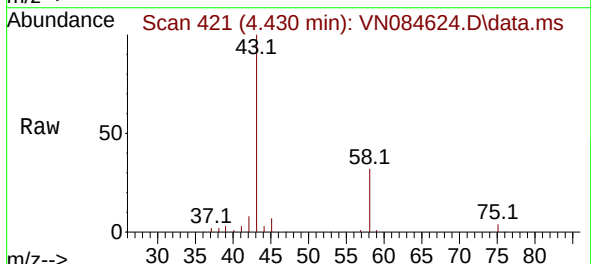


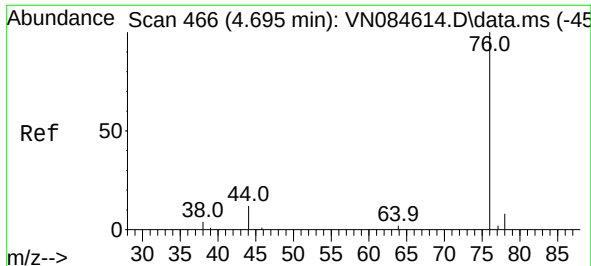
Tgt Ion: 53 Resp: 5293
Ion Ratio Lower Upper
53 100
52 20.1 41.6 124.9#
51 0.0 18.2 54.6#



#15
Acetone
Concen: 285.951 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 58 Resp: 67225
Ion Ratio Lower Upper
58 100
43 306.1 233.0 349.6





#16

Carbon Disulfide

Concen: 0.651 ug/l

RT: 4.689 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

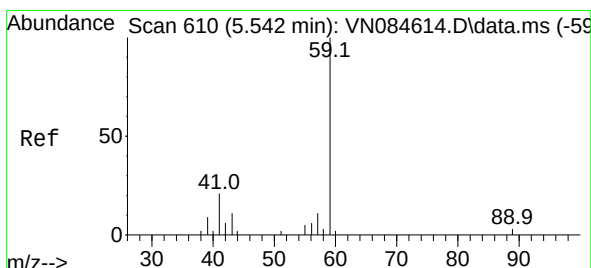
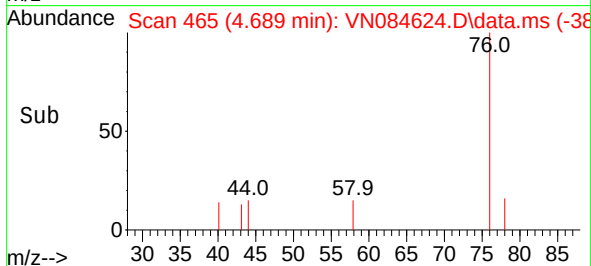
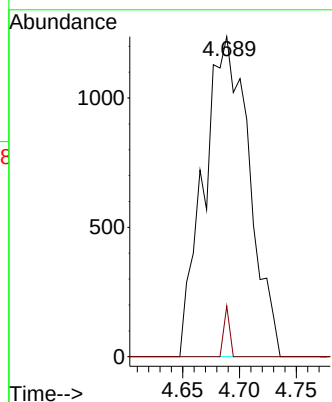
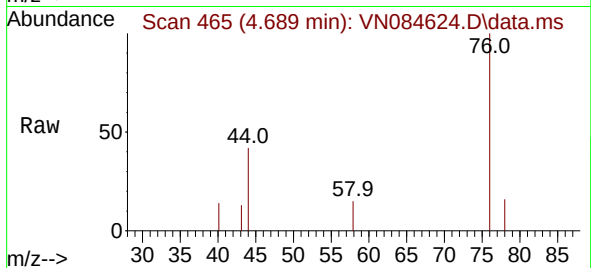
ClientSampleId :

Tgt Ion: 76 Resp: 3437

Ion Ratio Lower Upper

76 100

78 15.8 6.6 9.8#



#23

tert-Butyl Alcohol

Concen: 4073.413 ug/l

RT: 5.553 min Scan# 612

Delta R.T. 0.012 min

Lab File: VN084624.D

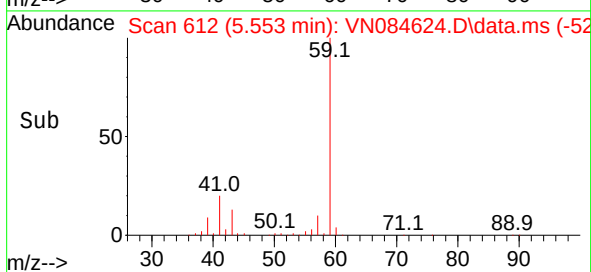
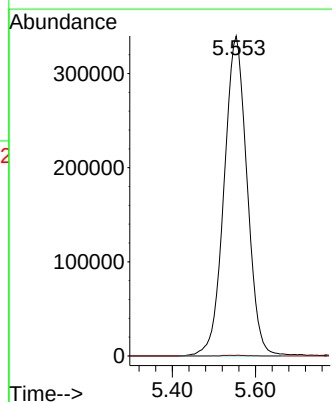
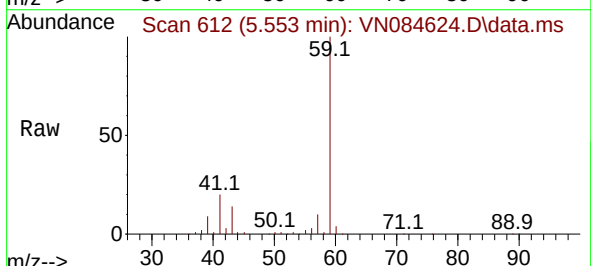
Acq: 31 Oct 2024 17:25

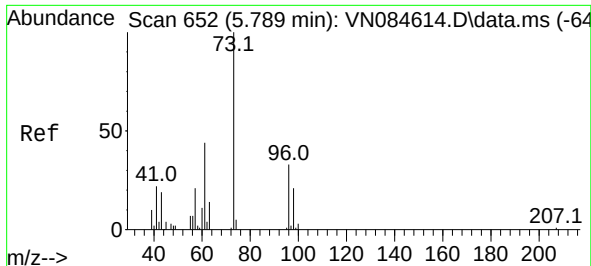
Tgt Ion: 59 Resp: 1301139

Ion Ratio Lower Upper

59 100

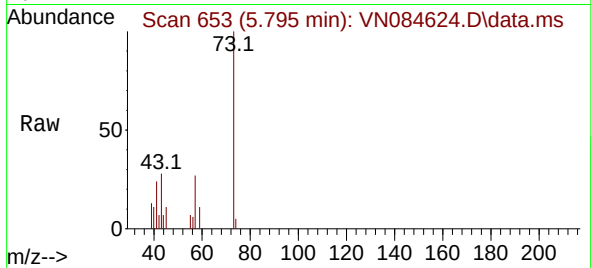
52 0.1 0.0 0.0#



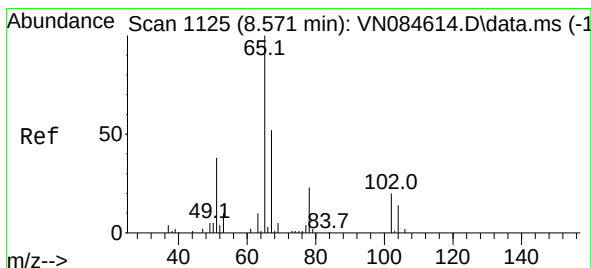
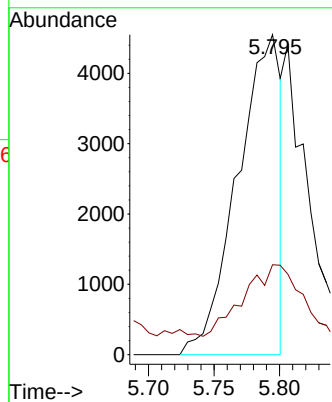
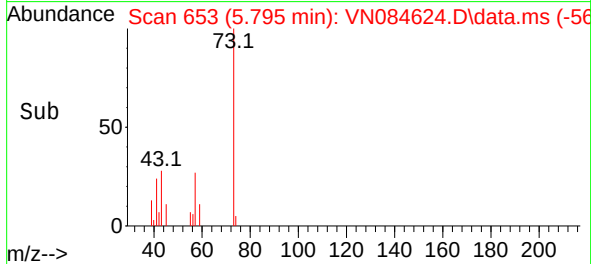


#24
Methyl tert-Butyl Ether
Concen: 1.790 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Instrument :
MSVOA_N
ClientSampleId :

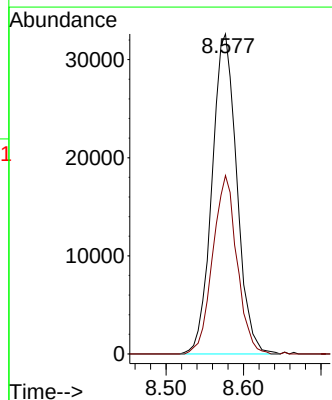
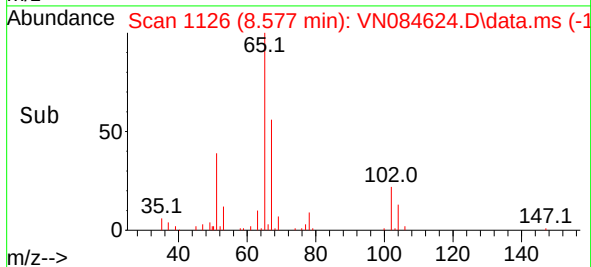
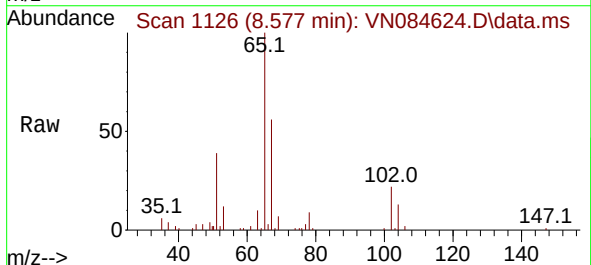


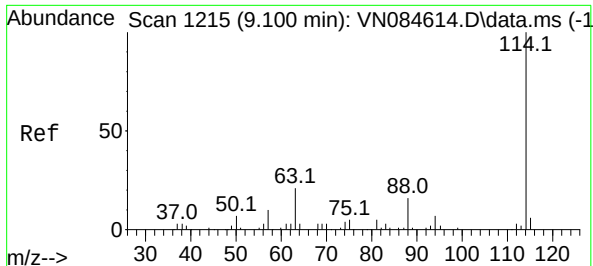
Tgt Ion: 73 Resp: 10389
Ion Ratio Lower Upper
73 100
43 24.4 16.5 24.7



#27
1,2-Dichloroethane-d4
Concen: 29.323 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 65 Resp: 72579
Ion Ratio Lower Upper
65 100
67 54.5 40.7 61.1

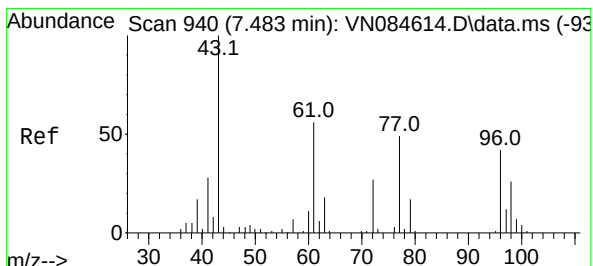
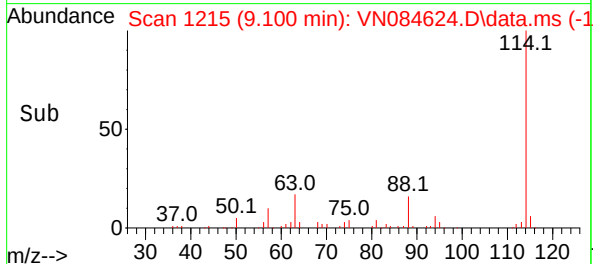
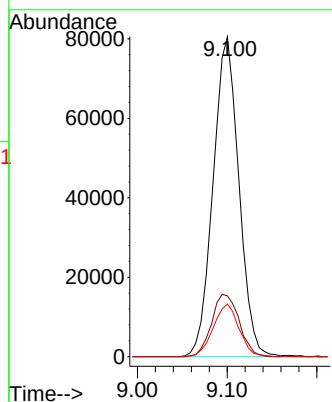
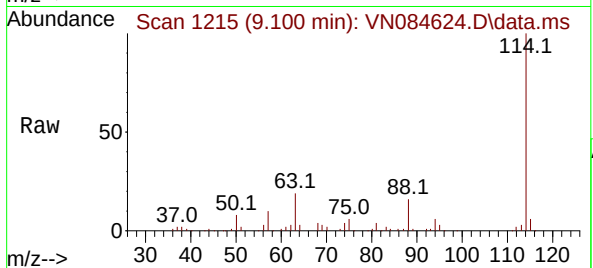




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

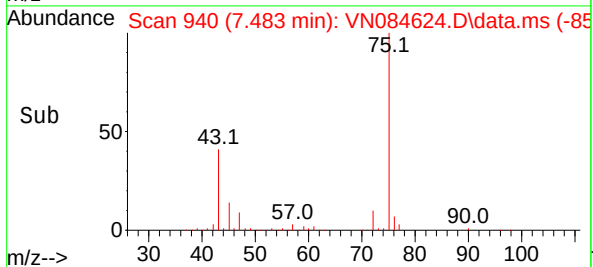
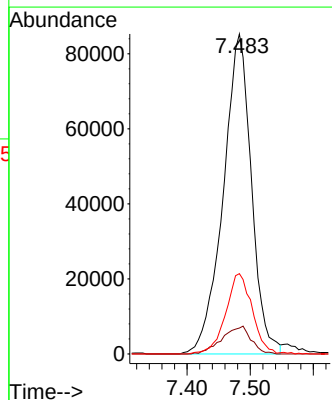
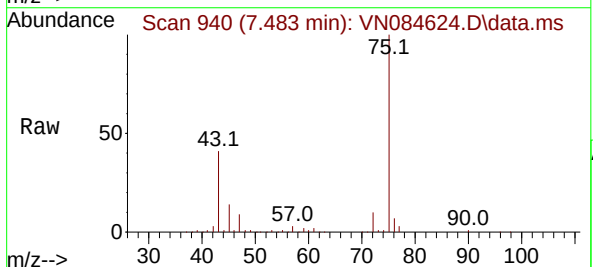
Instrument :
MSVOA_N
ClientSampleId :

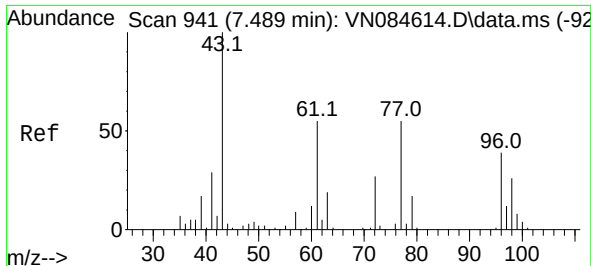
Tgt Ion:114 Resp: 160595
Ion Ratio Lower Upper
114 100
63 20.7 16.8 25.2
88 16.4 12.9 19.3



#30
2-Butanone
Concen: 236.931 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 43 Resp: 264366
Ion Ratio Lower Upper
43 100
57 8.9 6.2 9.4
72 23.5 21.5 32.3





#31

2,2-Dichloropropane

Concen: 27.785 ug/l

RT: 7.453 min Scan# 941

Delta R.T. -0.035 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

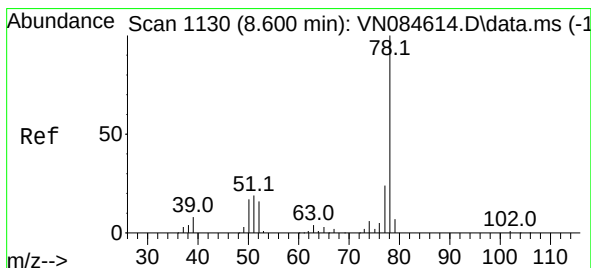
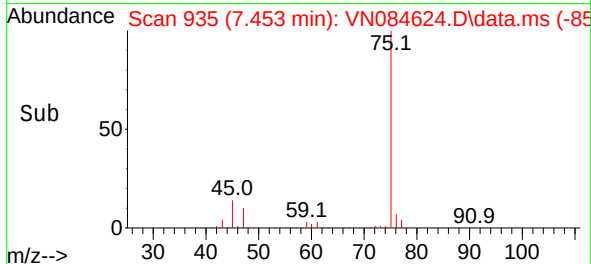
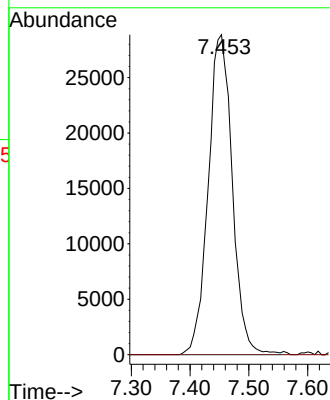
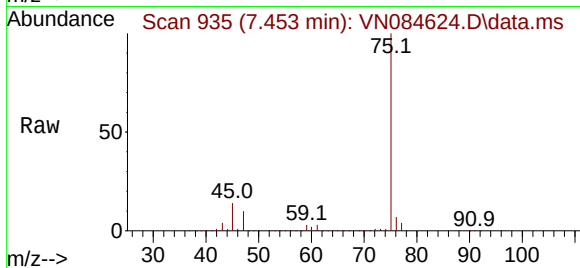
ClientSampleId :

Tgt Ion: 77 Resp: 82041

Ion Ratio Lower Upper

77 100

97 0.0 17.4 26.2#



#34

Benzene

Concen: 4.187 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

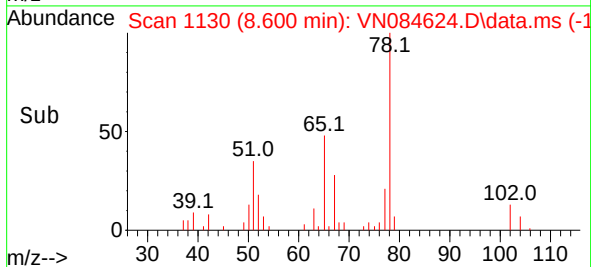
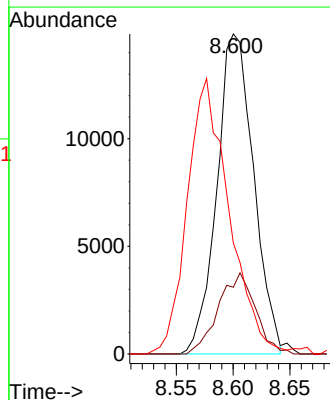
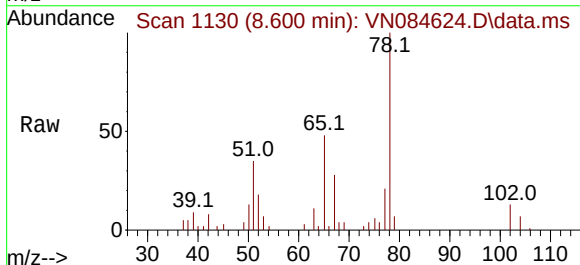
Tgt Ion: 78 Resp: 33478

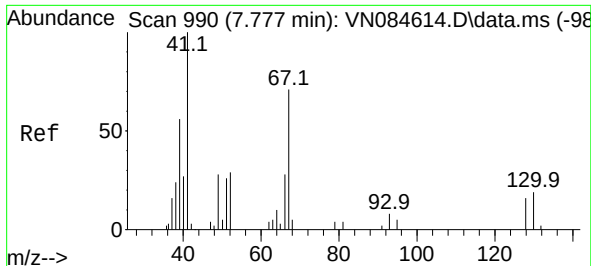
Ion Ratio Lower Upper

78 100

77 20.9 19.3 28.9

51 33.0 16.1 24.1#





#35

Methacrylonitrile

Concen: 153.761 ug/l

RT: 7.836 min Scan# 1

Delta R.T. 0.059 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41 Resp: 203340

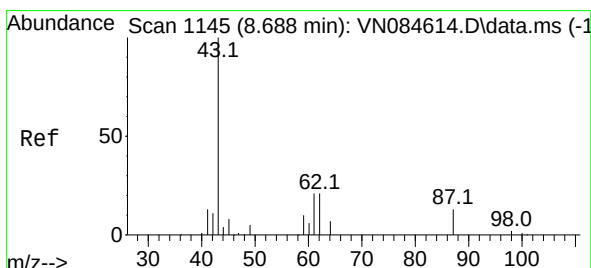
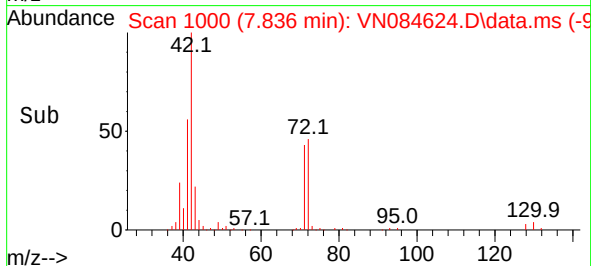
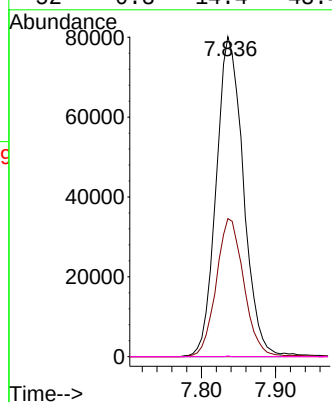
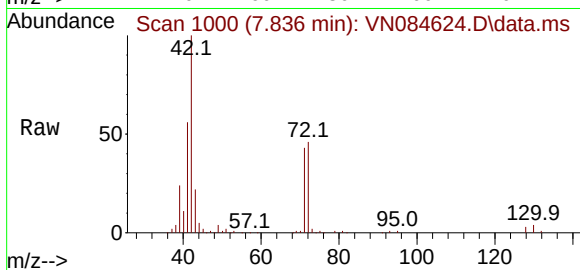
Ion Ratio Lower Upper

41 100

39 43.2 28.2 84.6

67 0.0 35.6 106.8#

52 0.3 14.4 43.4#



#44

Isopropyl Acetate

Concen: 1.208 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.018 min

Lab File: VN084624.D

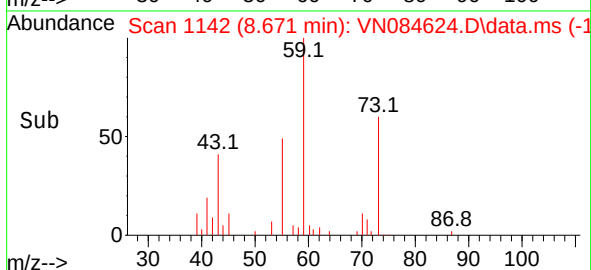
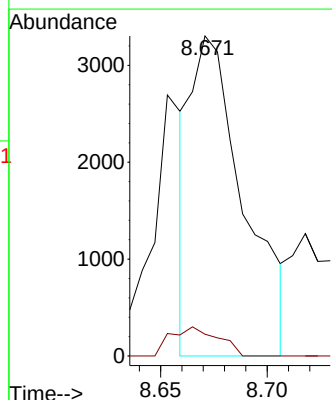
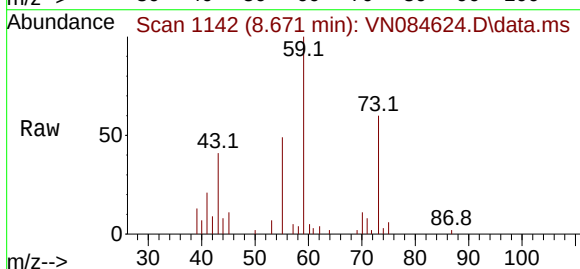
Acq: 31 Oct 2024 17:25

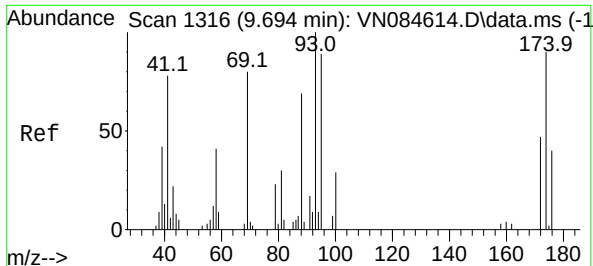
Tgt Ion: 43 Resp: 5735

Ion Ratio Lower Upper

43 100

61 8.1 19.8 29.8#





#45

1,4-Dioxane

Concen: 95.472 ug/l

RT: 9.700 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

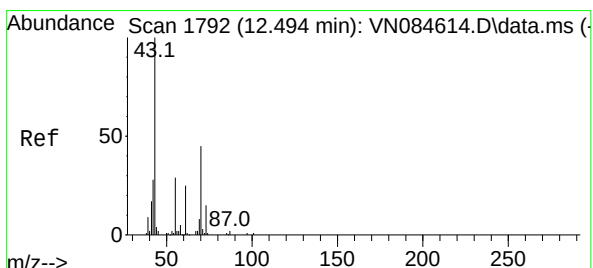
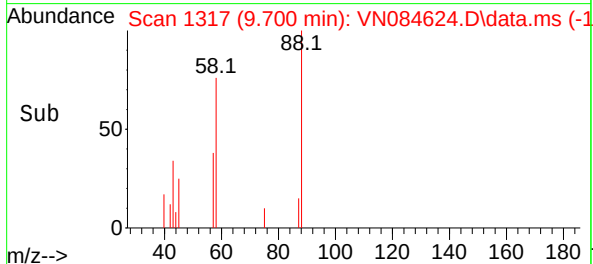
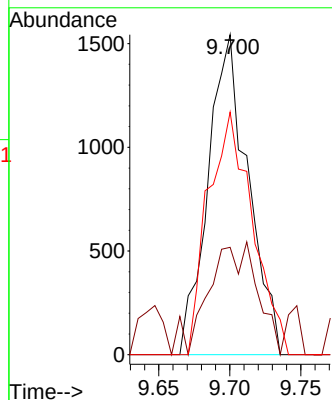
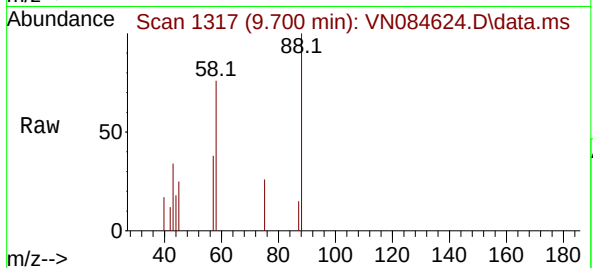
Tgt Ion: 88 Resp: 3026

Ion Ratio Lower Upper

88 100

43 25.9 20.8 31.2

58 84.0 53.4 80.2#



#47

n-amyI Acetate

Concen: 0.403 ug/l

RT: 12.835 min Scan# 1850

Delta R.T. 0.341 min

Lab File: VN084624.D

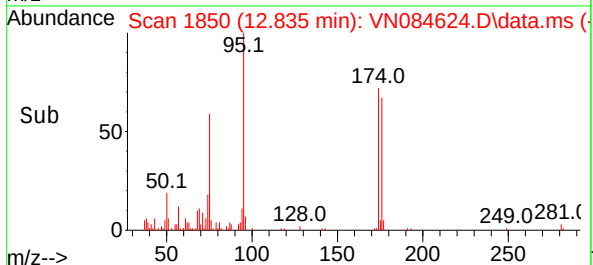
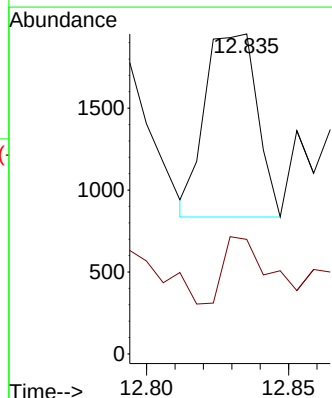
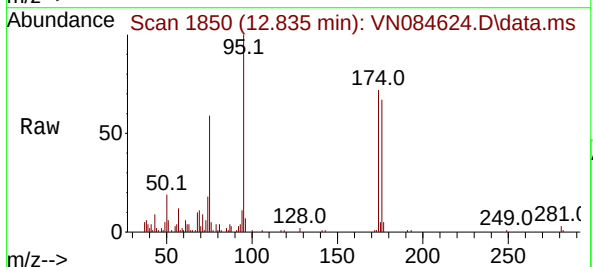
Acq: 31 Oct 2024 17:25

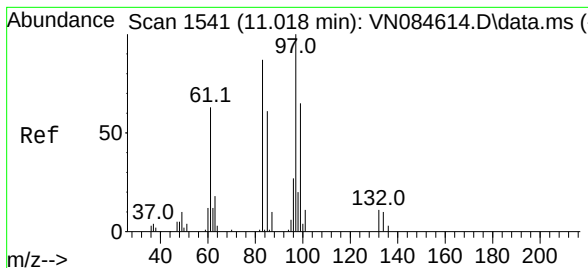
Tgt Ion: 43 Resp: 1428

Ion Ratio Lower Upper

43 100

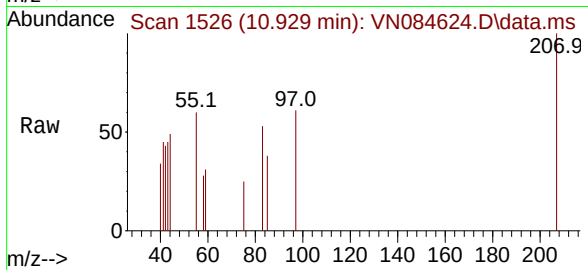
55 31.6 22.0 33.0





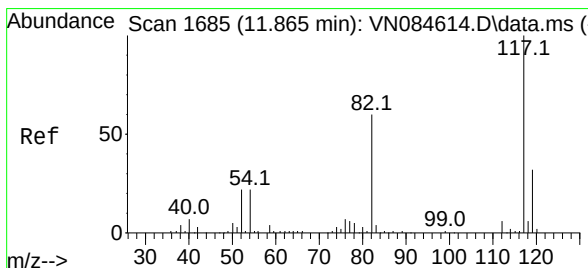
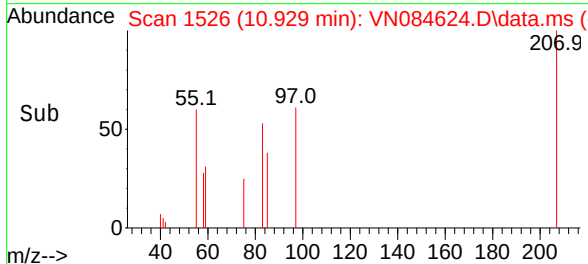
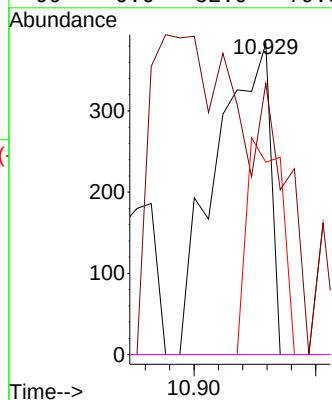
#50
1,1,2-Trichloroethane
Concen: 0.330 ug/l
RT: 10.929 min Scan# 1541
Delta R.T. -0.088 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 596

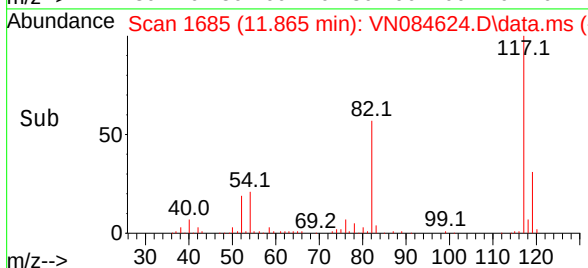
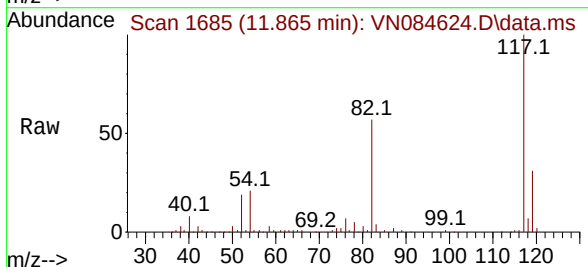
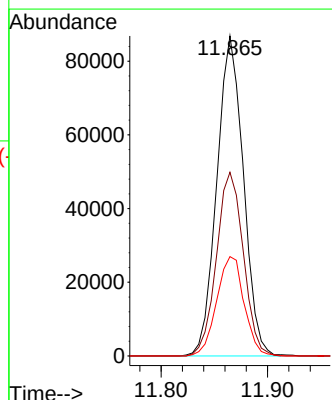
Ion	Ratio	Lower	Upper
97	100		
83	34.2	69.8	104.8#
85	61.9	48.6	73.0
99	0.0	52.9	79.3#

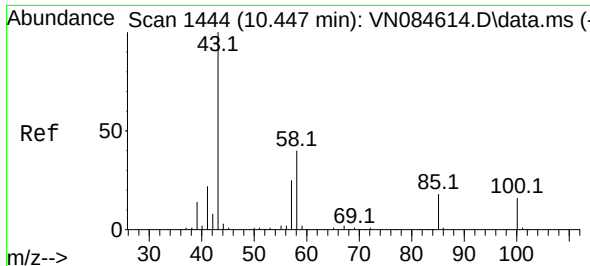


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 117 Resp: 150355

Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.5	68.3
119	32.1	25.3	37.9





#58

4-Methyl-2-Pentanone

Concen: 3.776 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

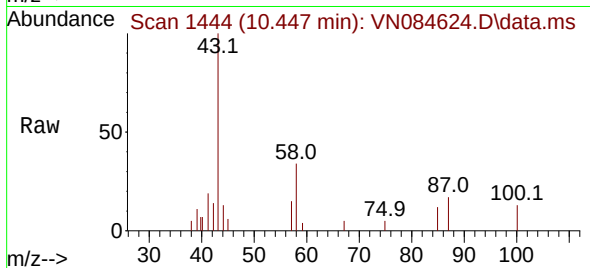
Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

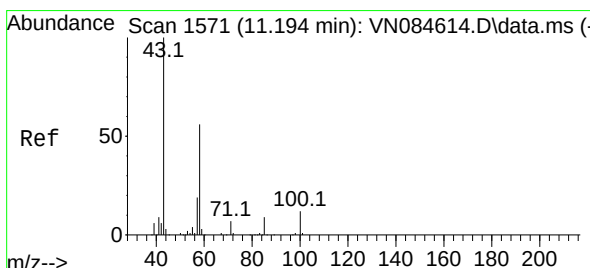
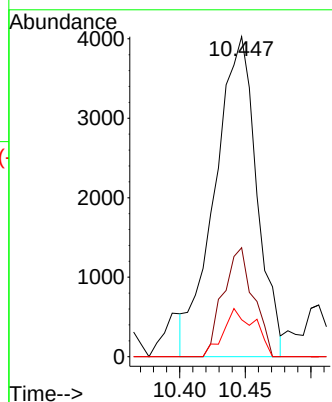
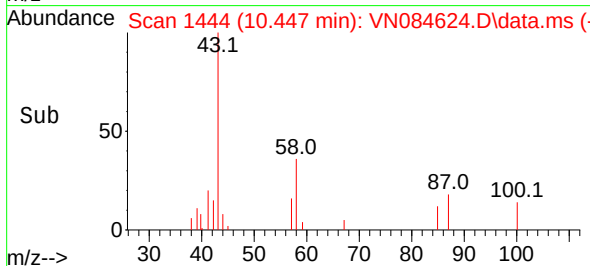
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	8956
Ion	Ratio	Lower	Upper
43	100		
58	24.6	31.2	46.8#
85	8.5	14.9	22.3#



#59

2-Hexanone

Concen: 32.463 ug/l

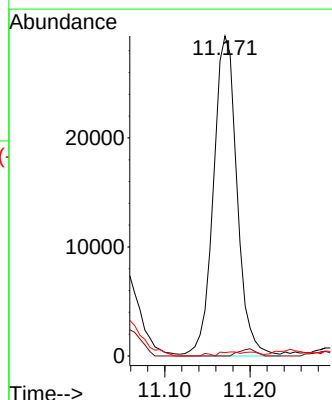
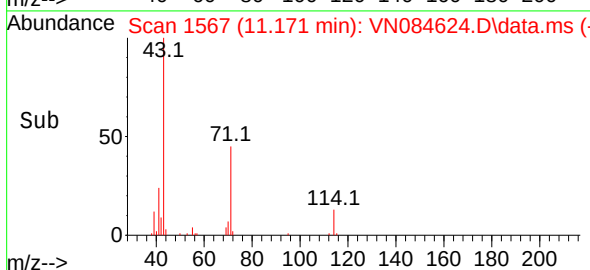
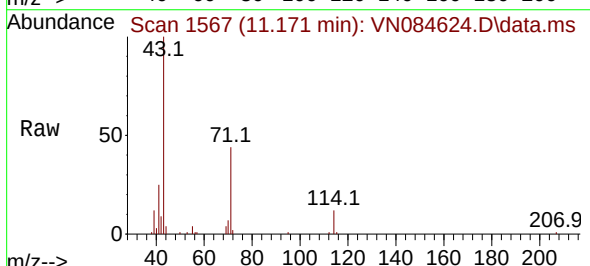
RT: 11.171 min Scan# 1567

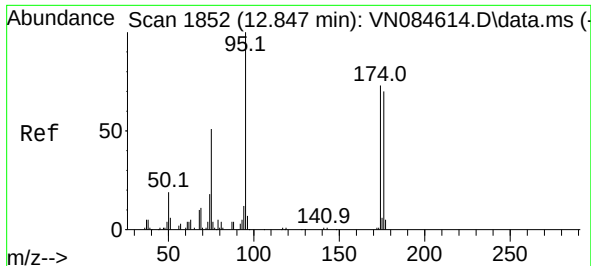
Delta R.T. -0.024 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Tgt Ion:	43	Resp:	56386
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.8	65.6#
57	0.4	15.0	22.6#





#60

4-Bromofluorobenzene

Concen: 27.815 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

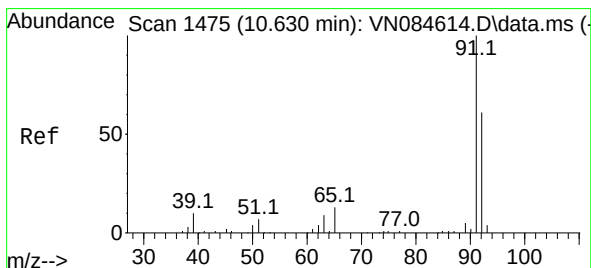
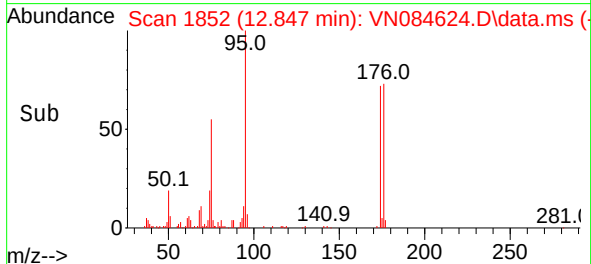
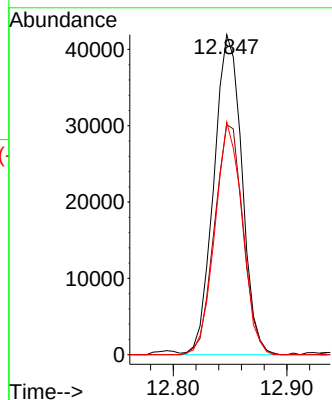
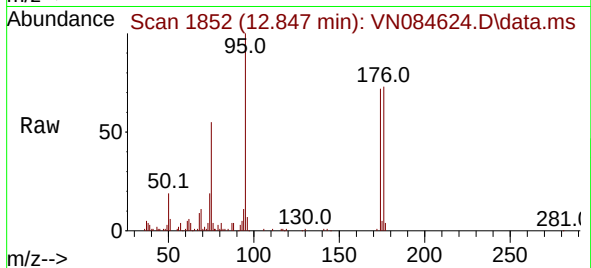
Tgt Ion: 95 Resp: 72009

Ion Ratio Lower Upper

95 100

174 73.1 59.6 89.4

176 71.0 58.6 88.0



#62

Toluene

Concen: 2.317 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN084624.D

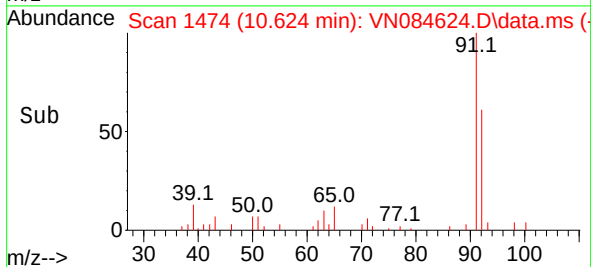
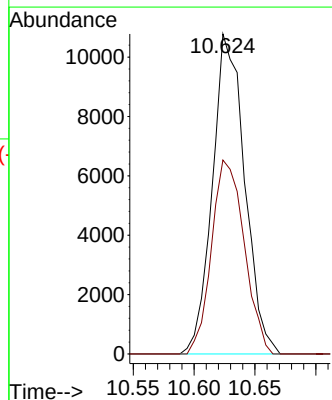
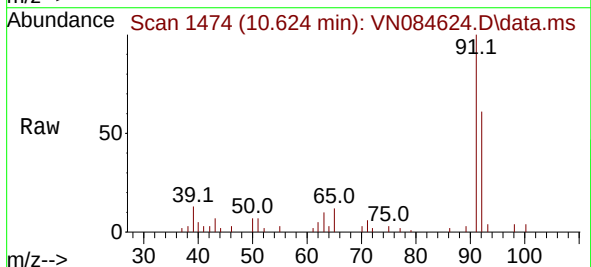
Acq: 31 Oct 2024 17:25

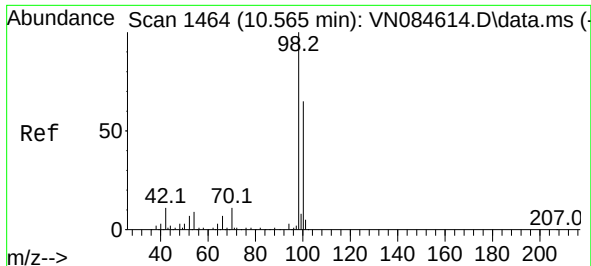
Tgt Ion: 91 Resp: 19845

Ion Ratio Lower Upper

91 100

92 61.4 47.5 71.3





#63

Toluene-d8

Concen: 27.892 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

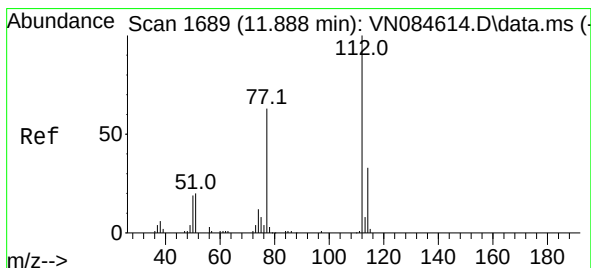
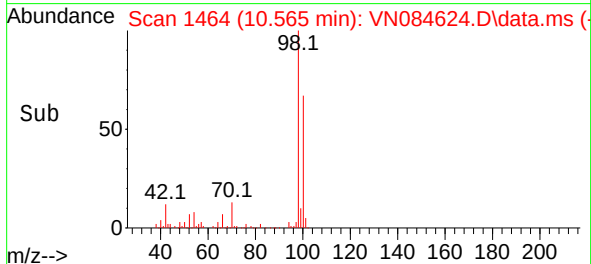
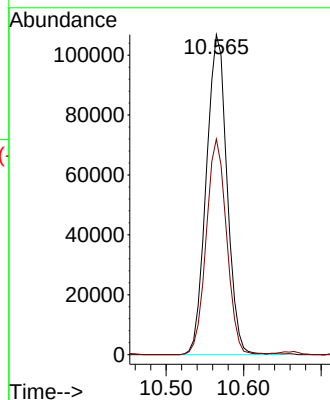
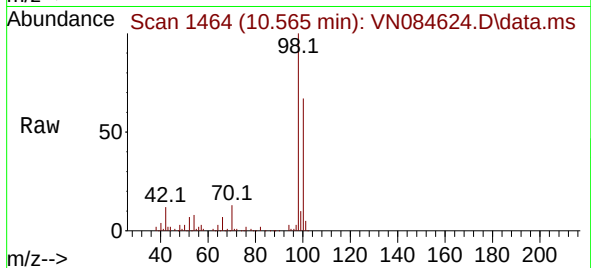
ClientSampleId :

Tgt Ion: 98 Resp: 198530

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#64

Chlorobenzene

Concen: 1.403 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084624.D

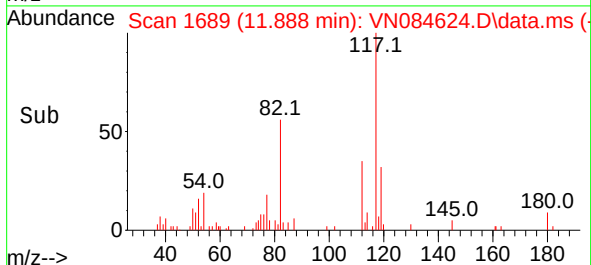
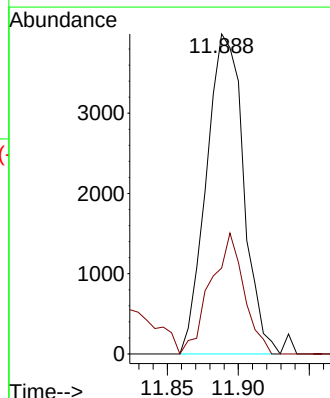
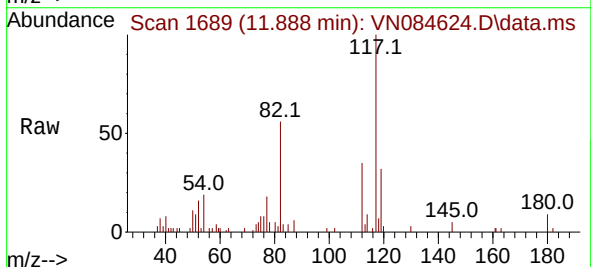
Acq: 31 Oct 2024 17:25

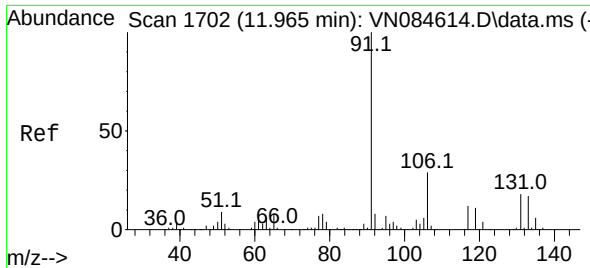
Tgt Ion:112 Resp: 7252

Ion Ratio Lower Upper

112 100

114 26.9 26.2 39.4

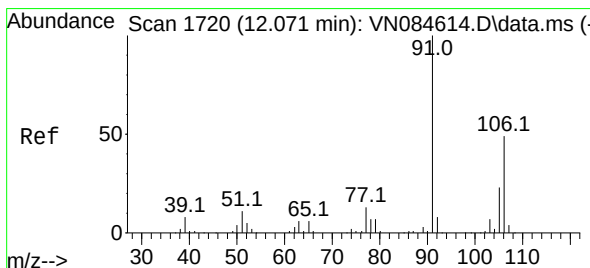
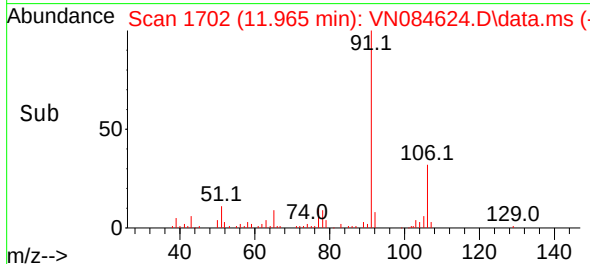
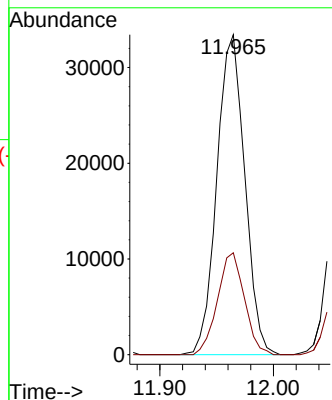
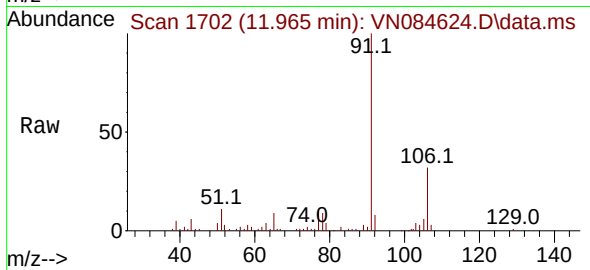




#66
Ethyl Benzene
Concen: 6.337 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

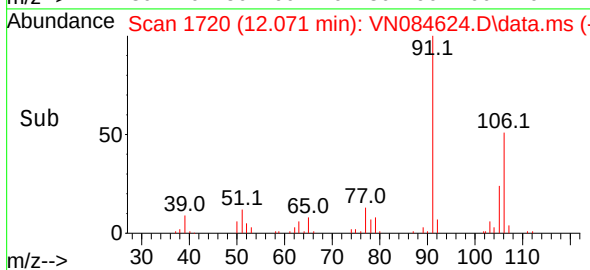
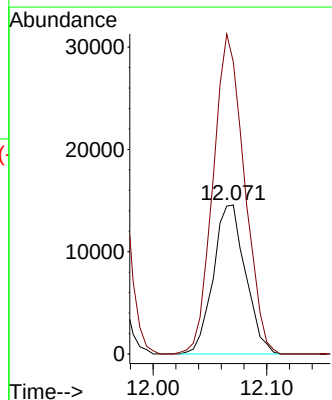
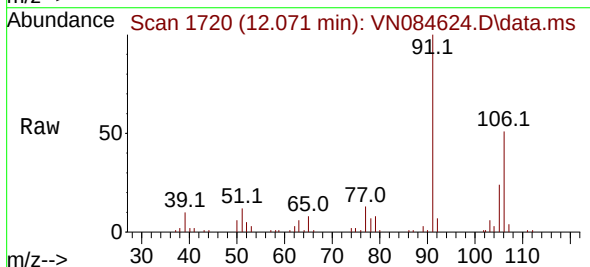
Instrument :
MSVOA_N
ClientSampleId :

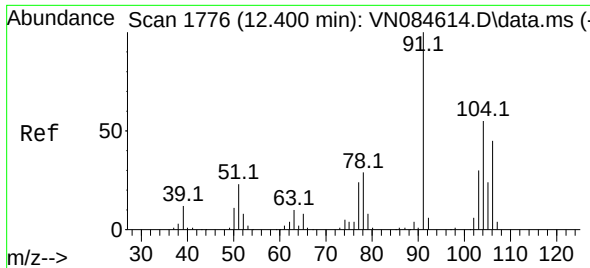
Tgt Ion: 91 Resp: 57034
Ion Ratio Lower Upper
91 100
106 31.9 22.9 34.3



#67
m/p-Xylenes
Concen: 8.327 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion:106 Resp: 28691
Ion Ratio Lower Upper
106 100
91 208.9 168.1 252.1

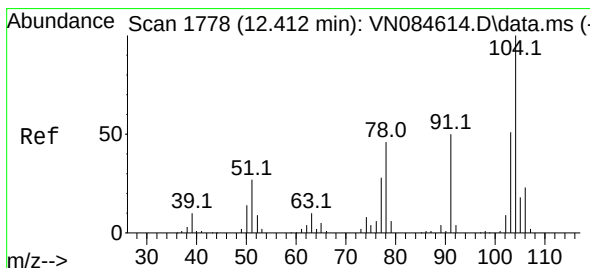
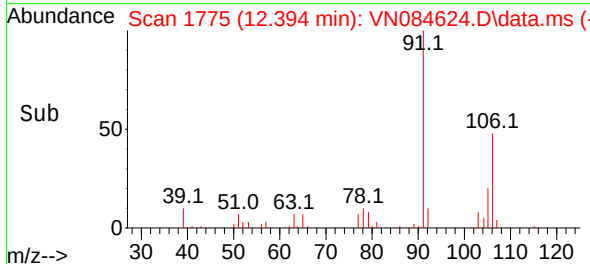
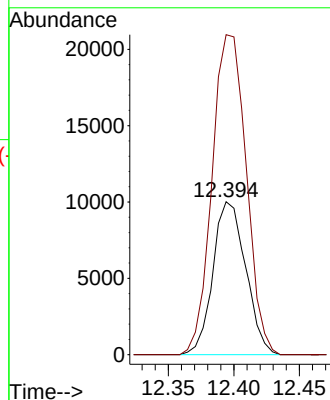
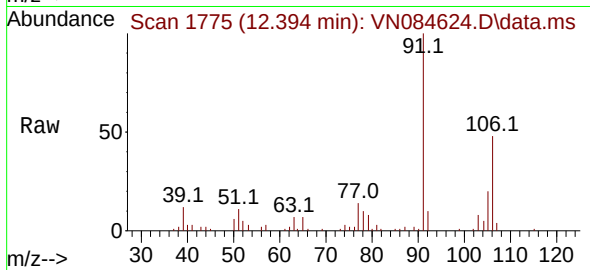




#68
o-Xylene
Concen: 5.239 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

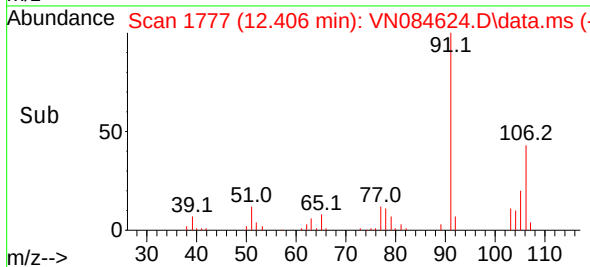
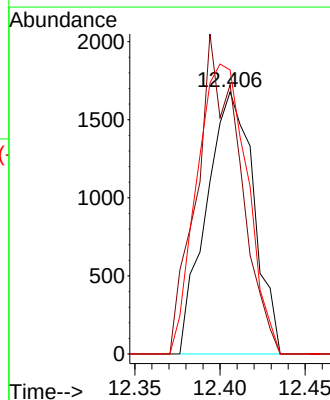
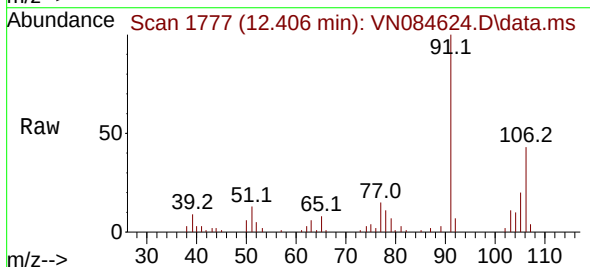
Instrument :
MSVOA_N
ClientSampleId :

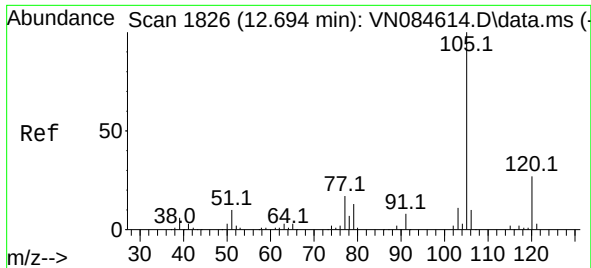
Tgt Ion:106 Resp: 17412
Ion Ratio Lower Upper
106 100
91 218.4 107.7 322.9



#69
Styrene
Concen: 0.580 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion:104 Resp: 3235
Ion Ratio Lower Upper
104 100
78 110.5 41.5 62.3#
103 117.8 44.6 67.0#

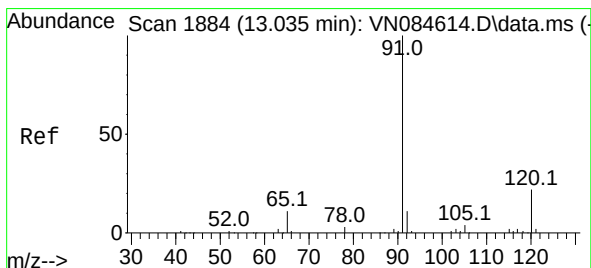
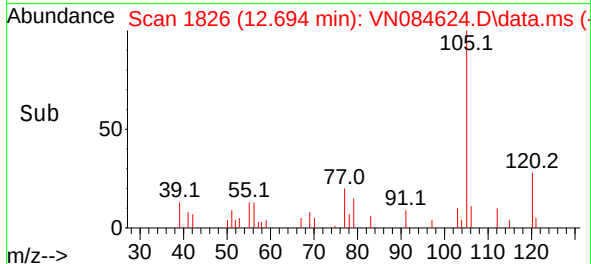
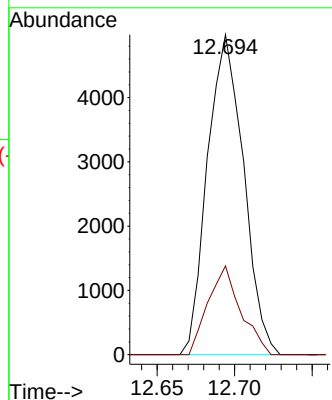
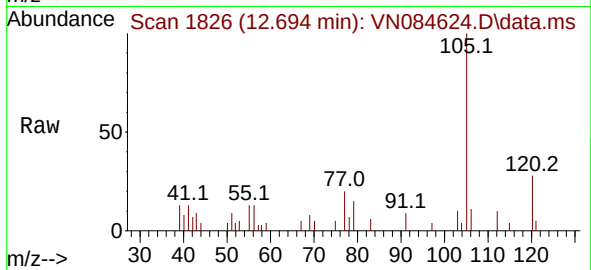




#70
Isopropylbenzene
Concen: 0.977 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

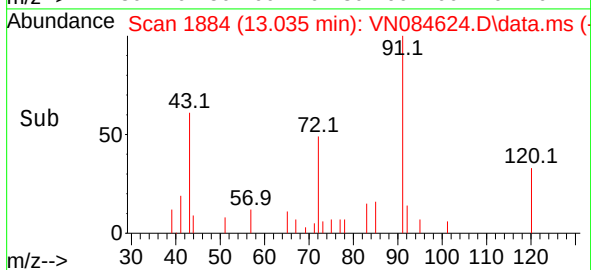
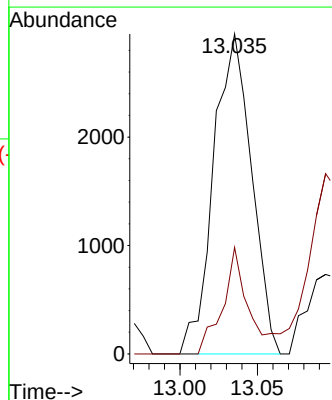
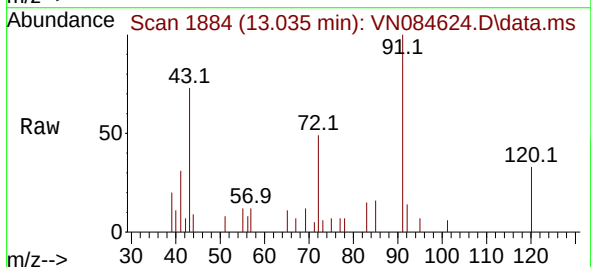
Instrument :
MSVOA_N
ClientSampleId :

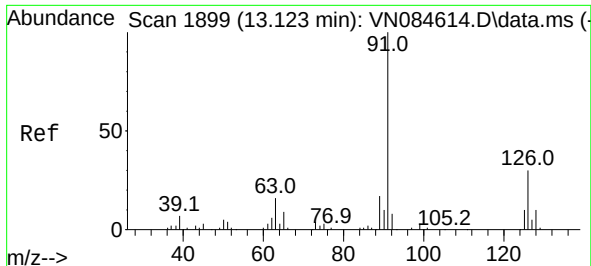
Tgt Ion:105 Resp: 8063
Ion Ratio Lower Upper
105 100
120 25.1 18.7 34.7



#74
n-propylbenzene
Concen: 0.521 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 91 Resp: 5033
Ion Ratio Lower Upper
91 100
120 21.1 0.0 44.0





#75

2-Chlorotoluene

Concen: 0.307 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

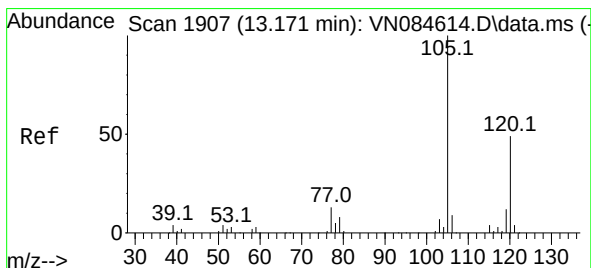
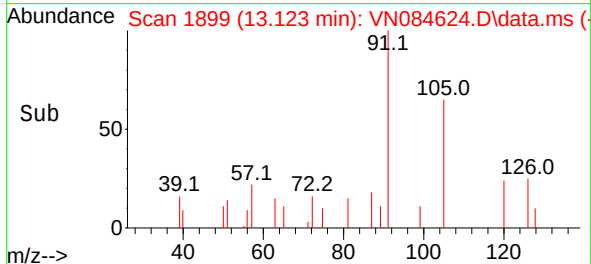
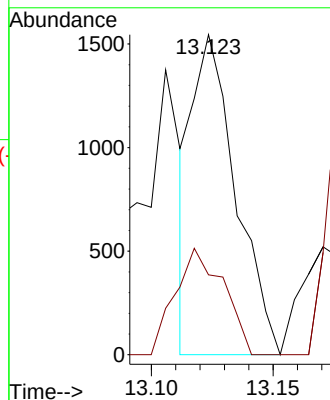
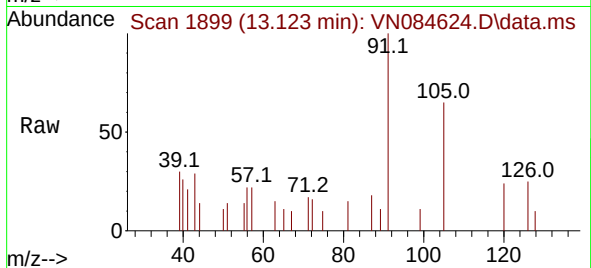
ClientSampleId :

Tgt Ion: 91 Resp: 1928

Ion Ratio Lower Upper

91 100

126 36.9 0.0 60.8



#76

1,3,5-Trimethylbenzene

Concen: 0.724 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084624.D

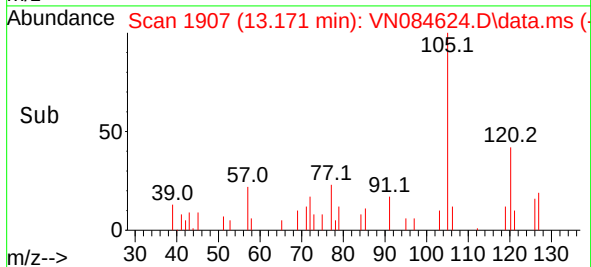
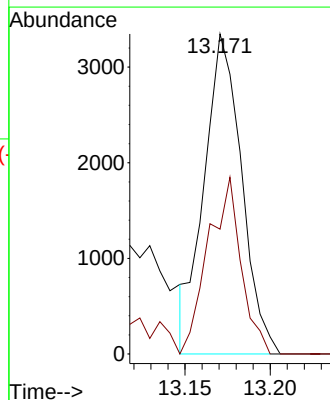
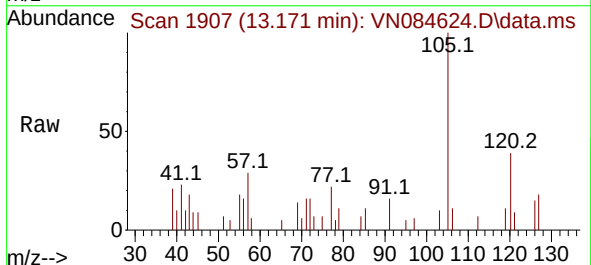
Acq: 31 Oct 2024 17:25

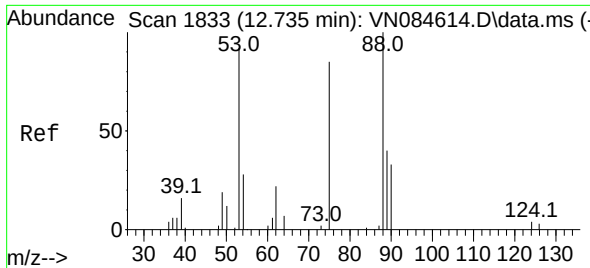
Tgt Ion: 105 Resp: 5106

Ion Ratio Lower Upper

105 100

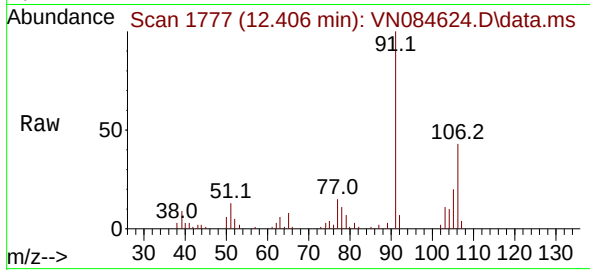
120 48.6 0.0 96.8



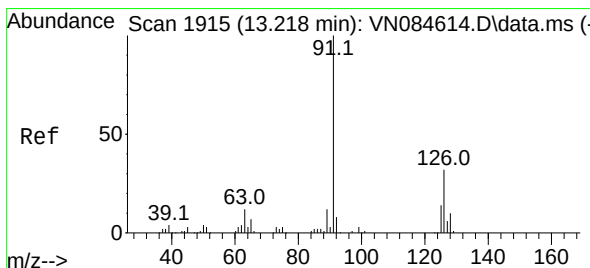
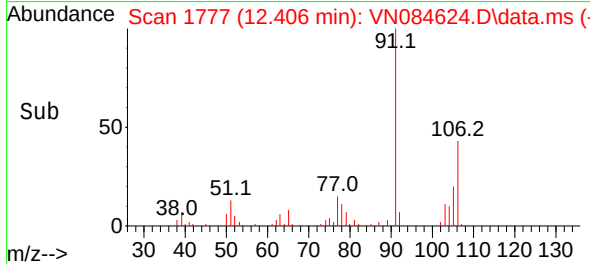
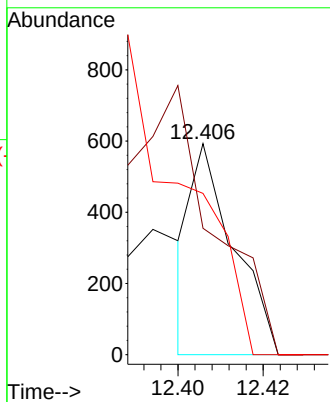


#77
t-1,4-Dichloro-2-butene
Concen: 0.430 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.329 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Instrument :
MSVOA_N
ClientSampleId :

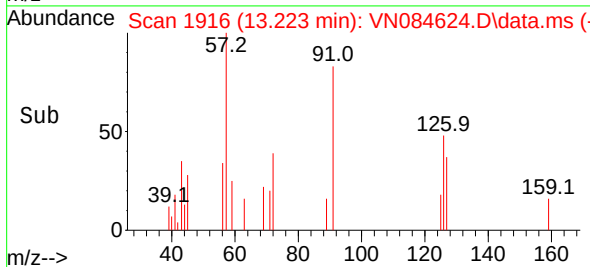
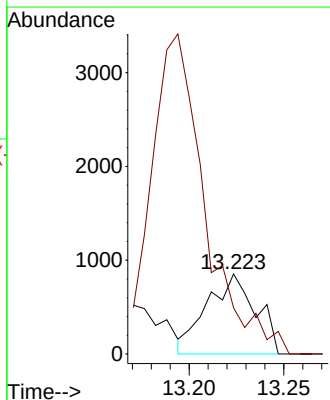
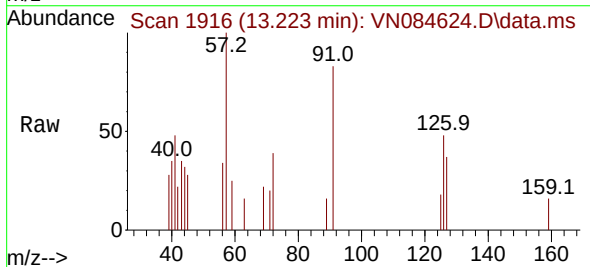


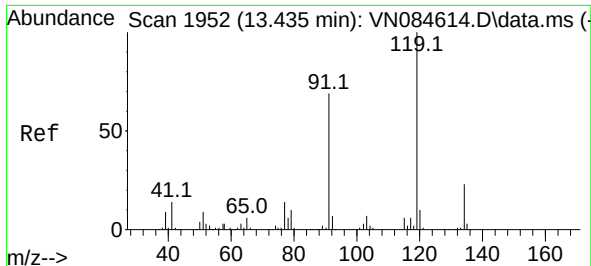
Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
53 59.9 52.4 157.2
89 76.4 26.0 78.0



#78
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion: 91 Resp: 1520
Ion Ratio Lower Upper
91 100
126 59.4 0.0 63.4





#79

tert-butylbenzene

Concen: 0.271 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. 0.241 min

Lab File: VN084624.D

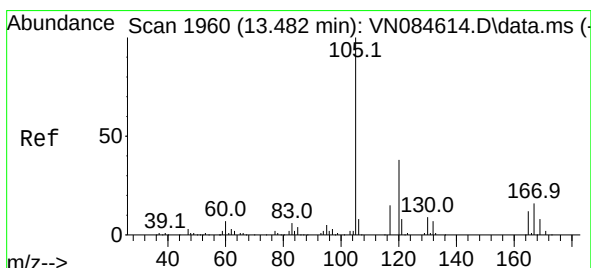
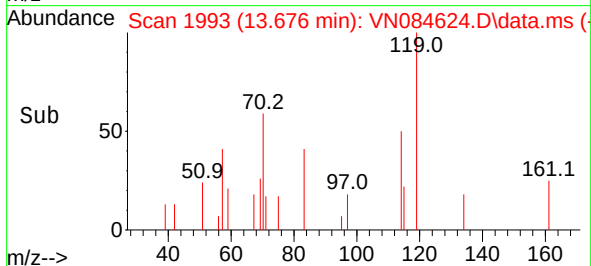
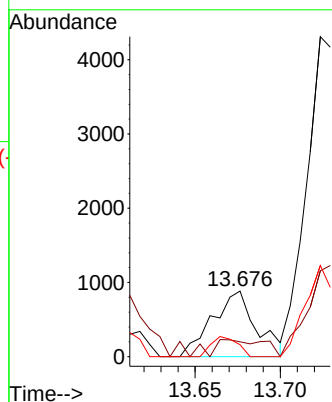
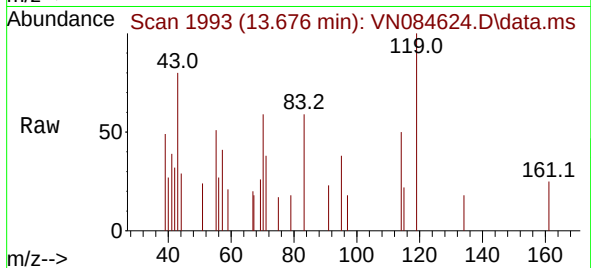
Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	1582
Ion	Ratio	Lower Upper
119	100	
91	18.5	0.0 143.2
134	18.5	0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 2.848 ug/l

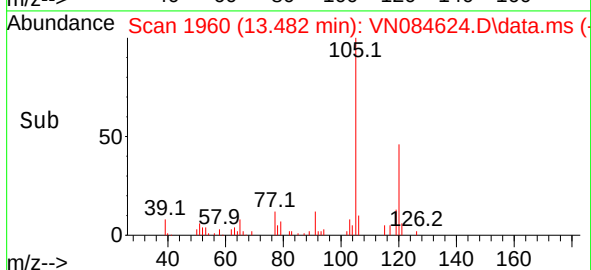
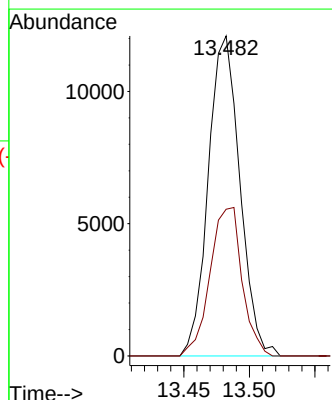
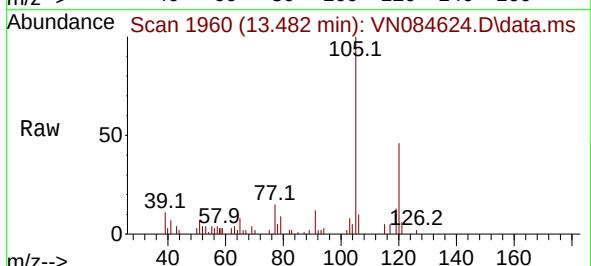
RT: 13.482 min Scan# 1960

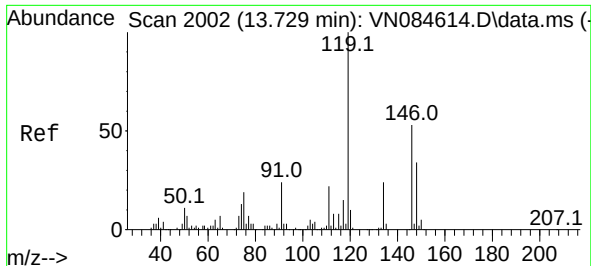
Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Tgt Ion:105	Resp:	20270
Ion	Ratio	Lower Upper
105	100	
120	47.1	0.0 90.4

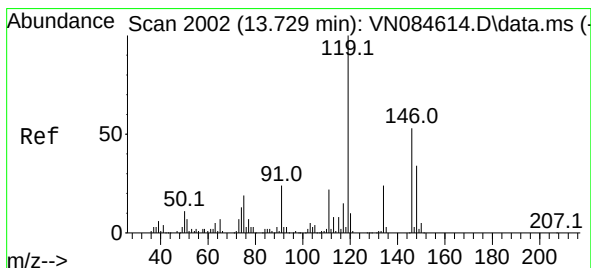
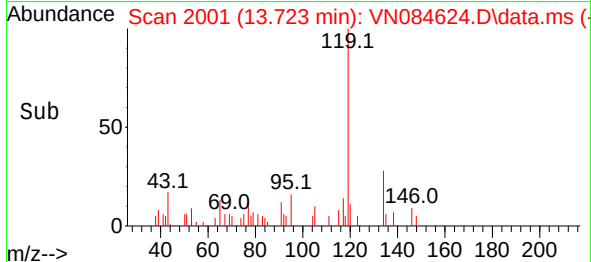
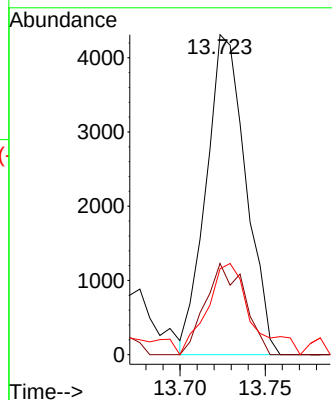
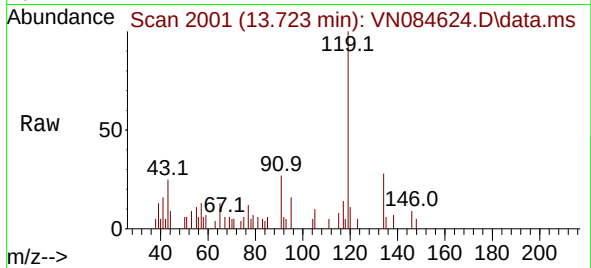




#82
p-Isopropyltoluene
Concen: 1.035 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

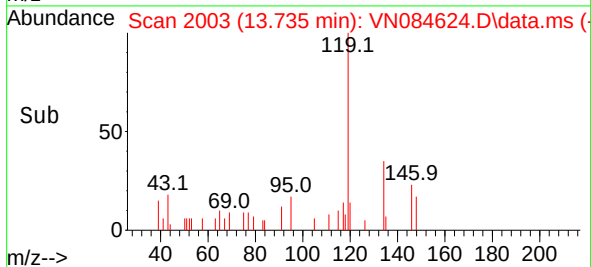
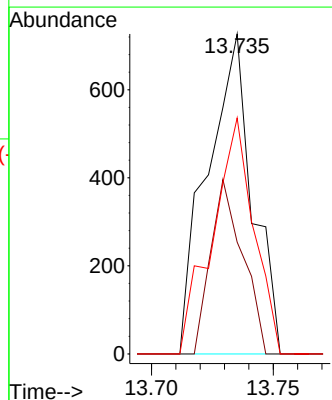
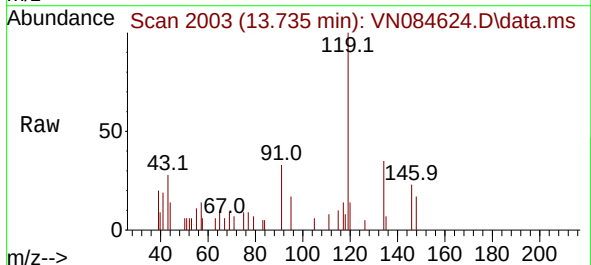
Instrument :
MSVOA_N
ClientSampleId :

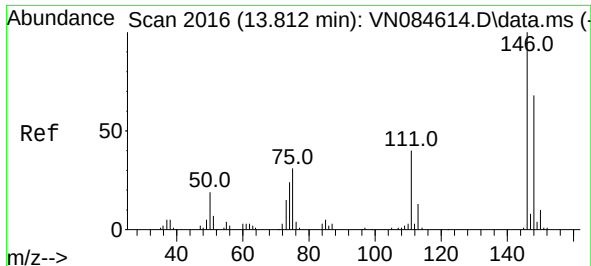
Tgt Ion:119 Resp: 6988
Ion Ratio Lower Upper
119 100
134 28.3 0.0 51.4
91 29.0 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 0.237 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084624.D
Acq: 31 Oct 2024 17:25

Tgt Ion:146 Resp: 933
Ion Ratio Lower Upper
146 100
111 38.9 21.0 63.0
148 68.0 31.3 93.8





#84

1,4-Dichlorobenzene

Concen: 3.444 ug/l

RT: 13.806 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN084624.D

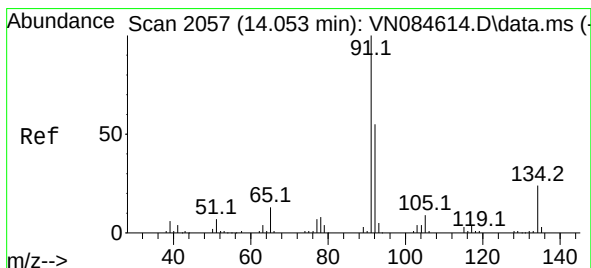
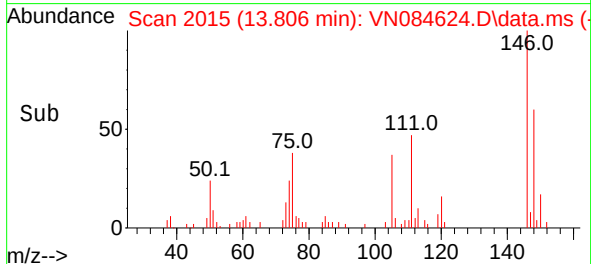
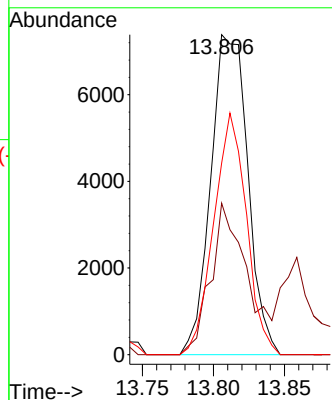
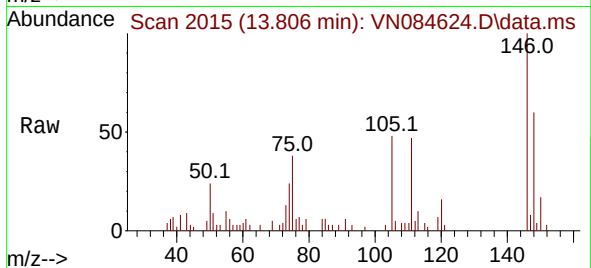
Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	13402
Ion Ratio	Lower	Upper
146	100	
111	46.7	20.2 60.5
148	66.5	32.6 98.0



#85

n-Butylbenzene

Concen: 0.257 ug/l

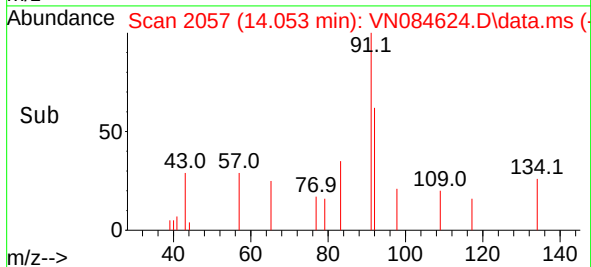
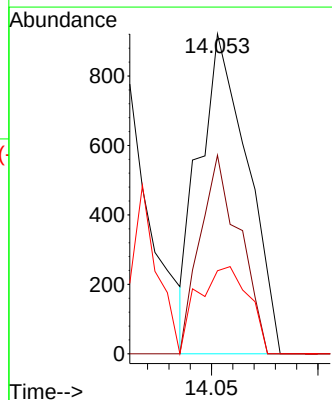
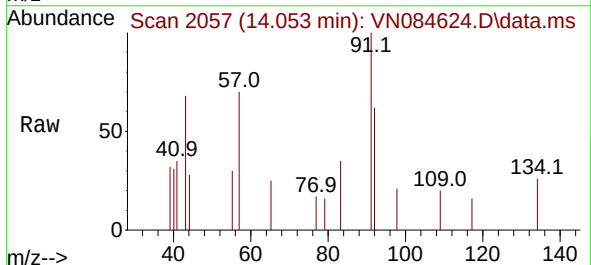
RT: 14.053 min Scan# 2057

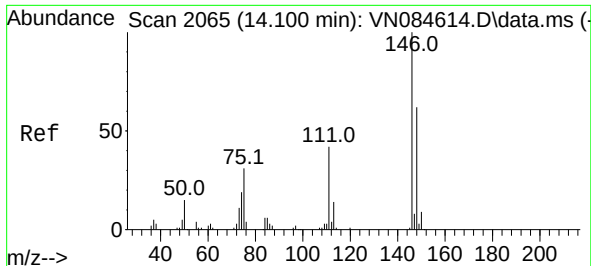
Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Tgt Ion: 91	Resp:	1456
Ion Ratio	Lower	Upper
91	100	
92	51.0	0.0 106.2
134	28.5	0.0 48.2





#87

1,2-Dichlorobenzene

Concen: 0.418 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

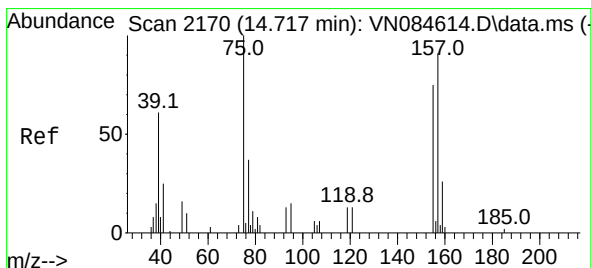
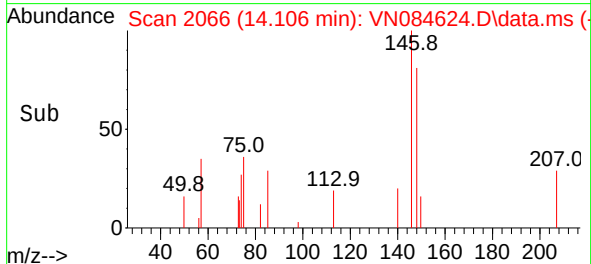
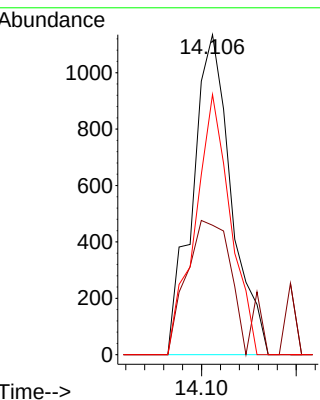
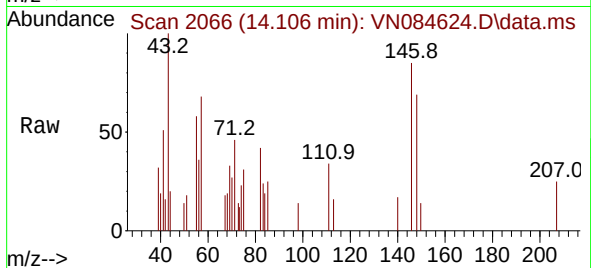
Tgt Ion:146 Resp: 1621

Ion Ratio Lower Upper

146 100

111 46.8 22.4 67.0

148 73.8 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.895 ug/l

RT: 14.706 min Scan# 2168

Delta R.T. -0.012 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

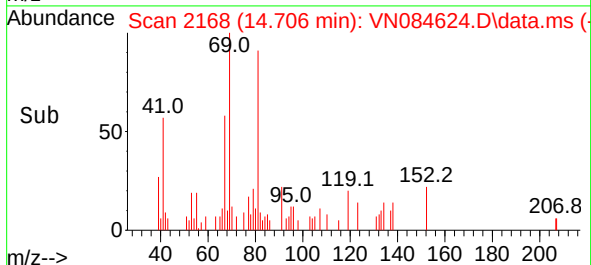
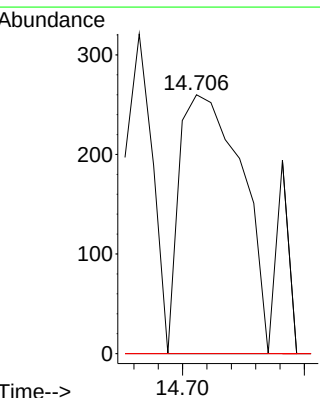
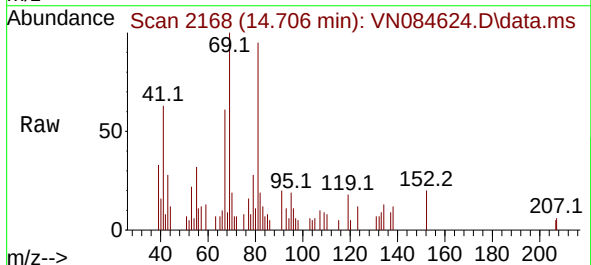
Tgt Ion: 75 Resp: 462

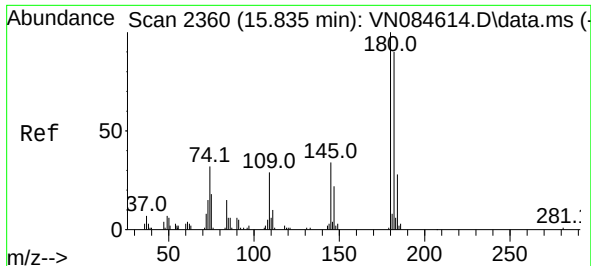
Ion Ratio Lower Upper

75 100

155 0.0 61.8 92.6#

157 0.0 74.7 112.1#





#89

1,2,4-Trichlorobenzene

Concen: 0.218 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

Instrument :

MSVOA_N

ClientSampleId :

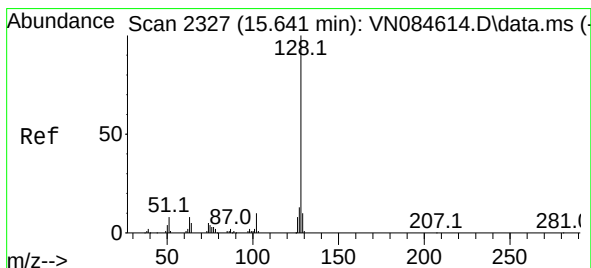
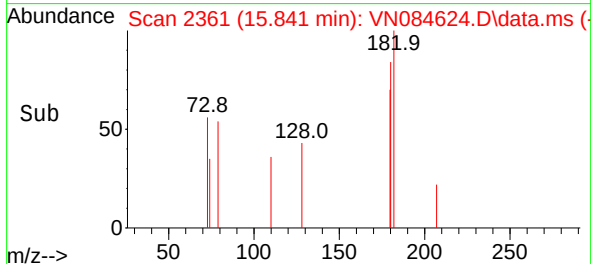
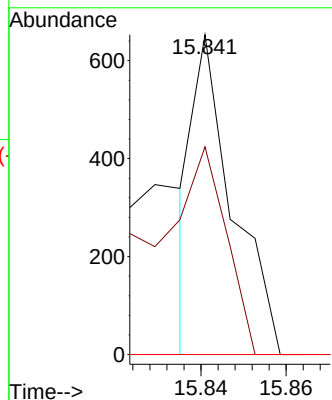
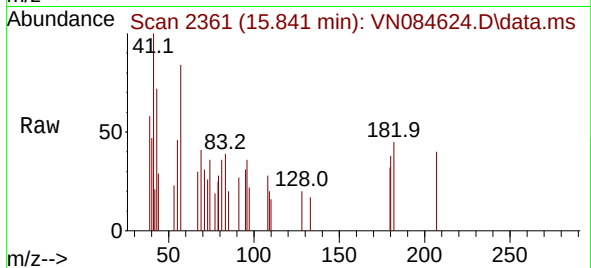
Tgt Ion:180 Resp: 412

Ion Ratio Lower Upper

180 100

182 78.9 73.0 109.6

145 0.0 26.5 39.7#



#91

Naphthalene

Concen: 33.999 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084624.D

Acq: 31 Oct 2024 17:25

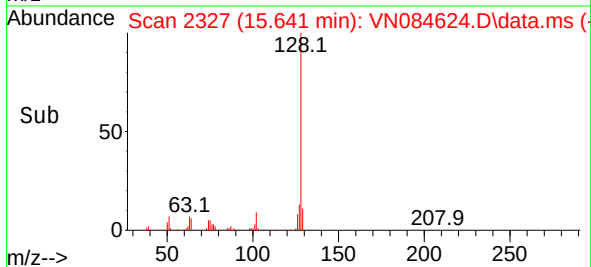
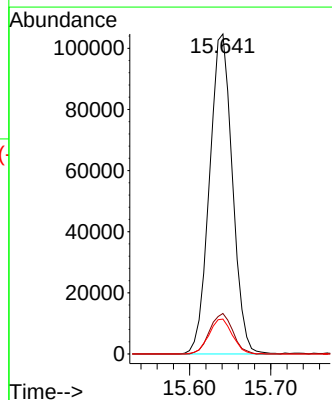
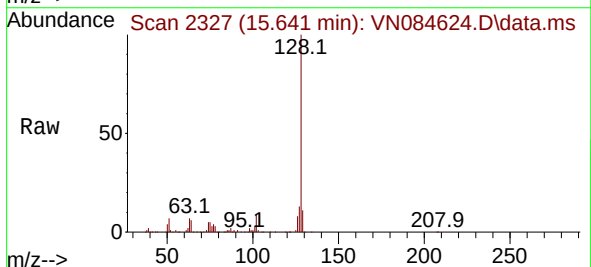
Tgt Ion:128 Resp: 205176

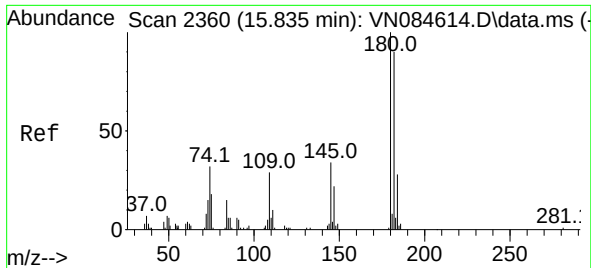
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

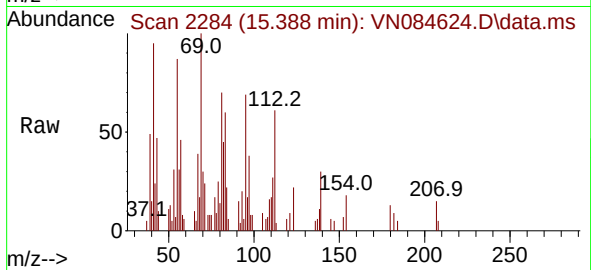
129 11.1 8.6 12.8





#92
 1,2,3-Trichlorobenzene
 Concen: 0.288 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.447 min
 Lab File: VN084624.D
 Acq: 31 Oct 2024 17:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	544
Ion Ratio	Lower	Upper
180	100	
182	148.5	0.0 182.6
145	26.7	0.0 66.2

