

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN085000.D
 Acq On : 21 Nov 2024 17:44
 Operator : JC\MD
 Sample : P4929-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 04:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115812	51.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.120%	
35) Dibromofluoromethane	8.165	113	91628	47.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.580%	
50) Toluene-d8	10.565	98	328925	46.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.160%	
62) 4-Bromofluorobenzene	12.847	95	120165	45.528	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.060%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	654	Below Cal	#	78
5) Bromomethane	2.900	94	339	0.333	ug/l #	4
6) Chloroethane	3.153	64	346	Below Cal	#	45
11) Tert butyl alcohol	5.524	59	1046	3.528	ug/l #	73
16) Acetone	4.430	43	76044	115.663	ug/l	94
17) Carbon Disulfide	4.694	76	1112	0.204	ug/l #	75
18) Methyl Acetate	5.012	43	5564	Below Cal		92
20) Methylene Chloride	5.253	84	2002	1.013	ug/l #	62
25) 2-Butanone	7.483	43	5221	4.982	ug/l #	87
29) Tetrahydrofuran	7.841	42	165	0.237	ug/l #	62
31) Cyclohexane	8.218	56	3531	1.139	ug/l #	17
36) 1,1-Dichloropropene	8.218	75	13608	5.118	ug/l #	49
37) Ethyl Acetate	7.559	43	1689	0.700	ug/l #	69
38) Carbon Tetrachloride	8.224	117	16886	5.682	ug/l #	15
43) Isopropyl Acetate	8.688	43	95775	20.929	ug/l #	75
48) Methyl methacrylate	9.671	41	2873	1.530	ug/l #	46
51) 4-Methyl-2-Pentanone	10.447	43	6760	2.940	ug/l	89
54) cis-1,3-Dichloropropene	10.359	75	25787	7.900	ug/l #	60
56) Ethyl methacrylate	10.982	69	966	0.355	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.153	63	276	0.217	ug/l #	48
59) 2-Hexanone	11.171	43	83189	49.697	ug/l #	24
65) Chlorobenzene	11.882	112	1410	0.247	ug/l	91
68) m/p-Xylenes	12.076	106	1470	0.407	ug/l	95
70) Styrene	12.412	104	1992	0.338	ug/l #	85
74) N-ethyl acetate	12.494	43	1385	0.434	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	63322	29.637	ug/l #	1
77) Bromobenzene	12.976	156	919	0.456	ug/l	90
78) n-propylbenzene	13.035	91	3328	0.379	ug/l	93
79) 2-Chlorotoluene	13.123	91	1833	0.320	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	1556	0.251	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	63322	70.311	ug/l #	11
82) 4-Chlorotoluene	13.217	91	3280	0.543	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	2617	0.408	ug/l	98
85) sec-Butylbenzene	13.612	105	1945	0.268	ug/l	91
86) p-Isopropyltoluene	13.735	119	1702	0.286	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	2699	0.687	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

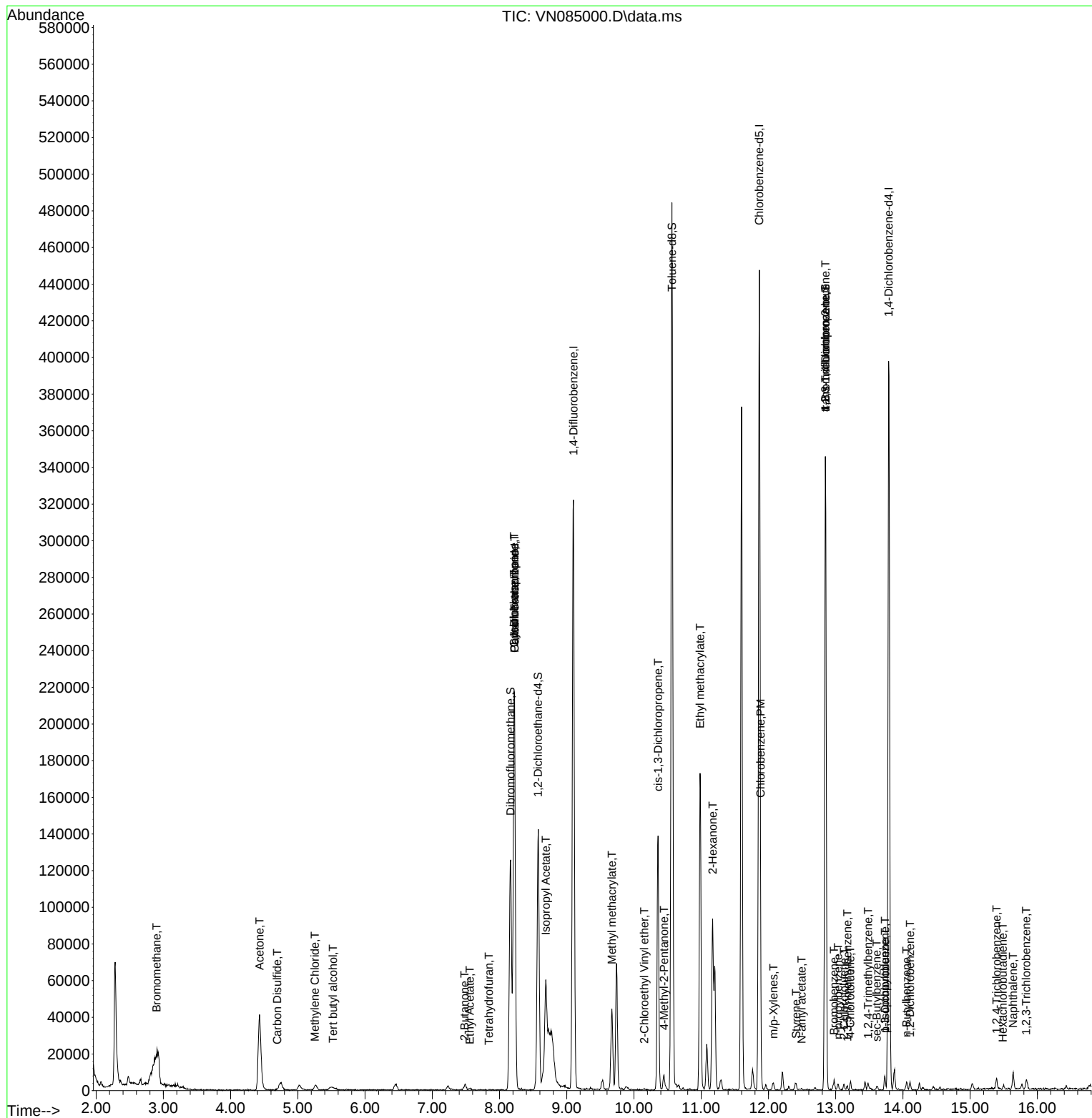
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.735	146	2699	Below Cal	94
89) n-Butylbenzene	14.053	91	2995	0.538 ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	2281	0.604 ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	2325	1.125 ug/l	96
94) Hexachlorobutadiene	15.488	225	693	0.763 ug/l	93
95) Naphthalene	15.641	128	8455	1.367 ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	2280	1.136 ug/l	94

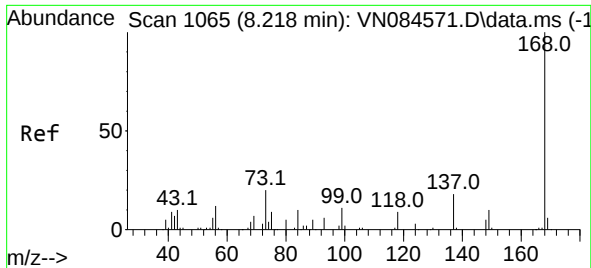
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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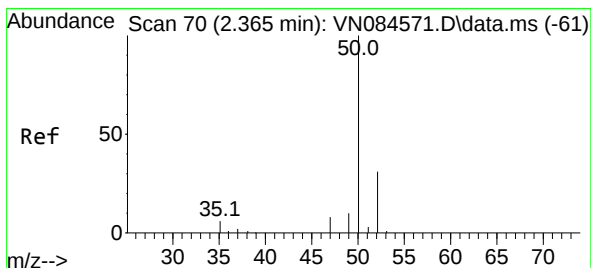
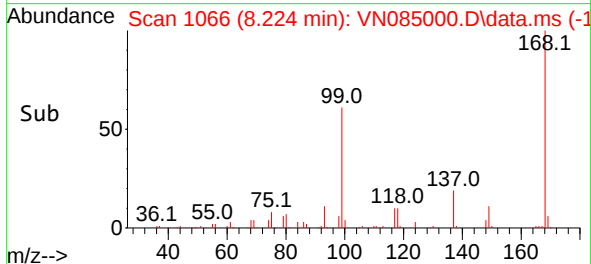
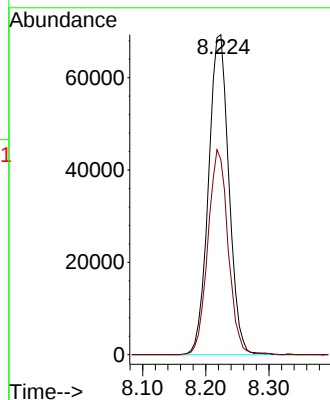
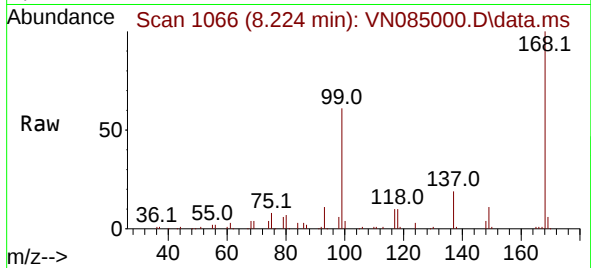




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

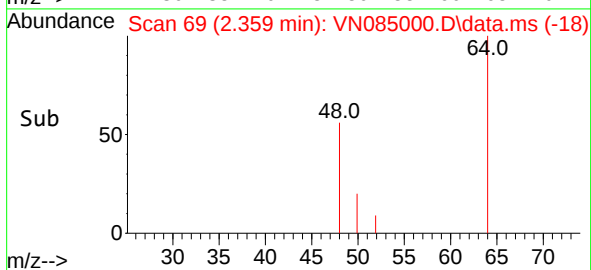
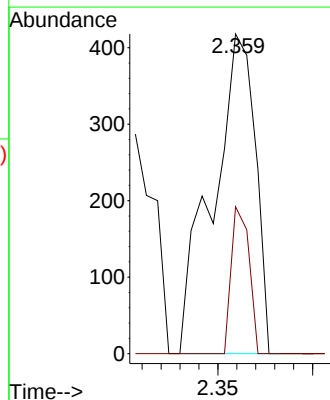
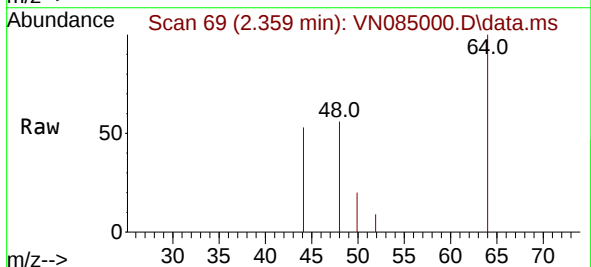
Instrument :
MSVOA_N
ClientSampleId :

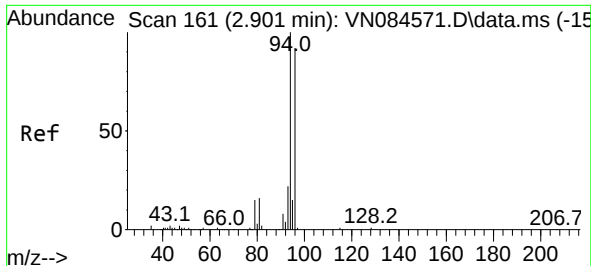
Tgt Ion:168 Resp: 155522
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 45.9 26.8 40.2#

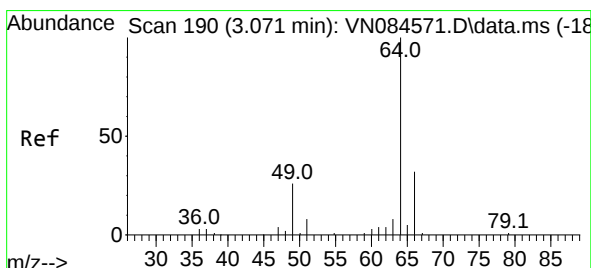
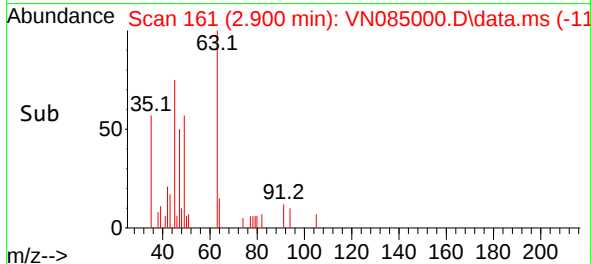
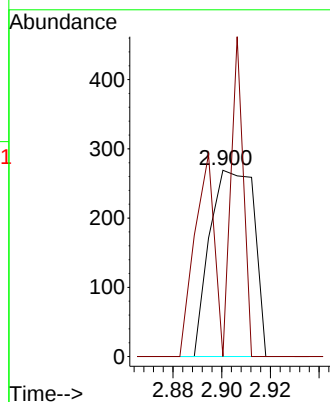
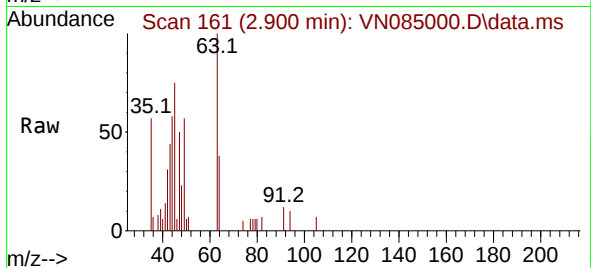




#5
Bromomethane
Concen: 0.333 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

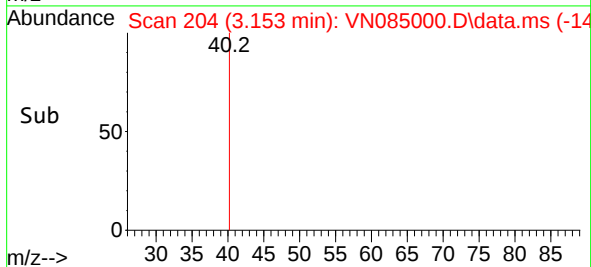
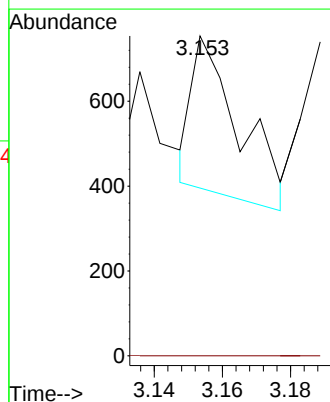
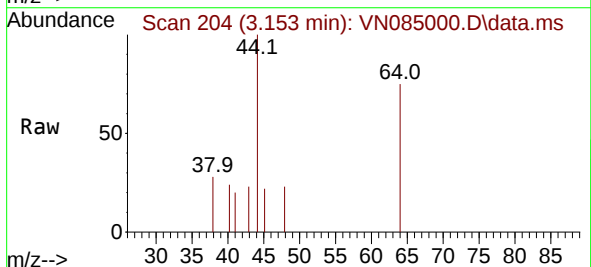
Instrument :
MSVOA_N
ClientSampleId :

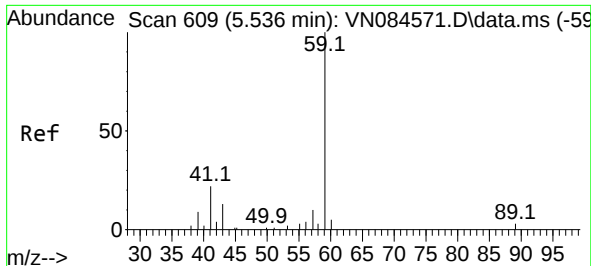
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.153 min Scan# 204
Delta R.T. 0.035 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 64 Resp: 346
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

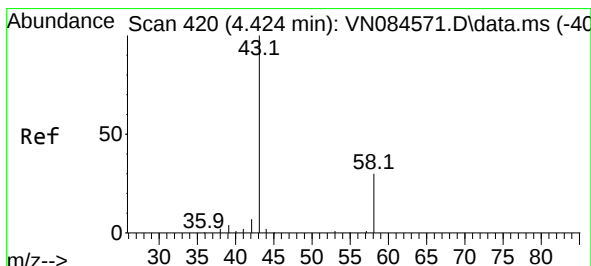
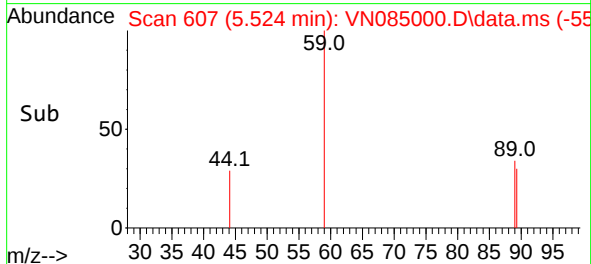
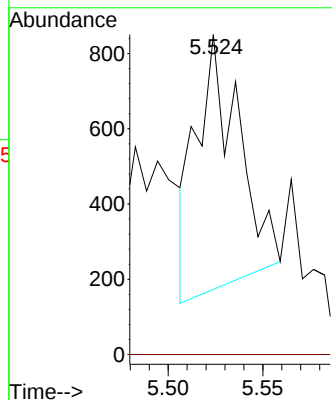
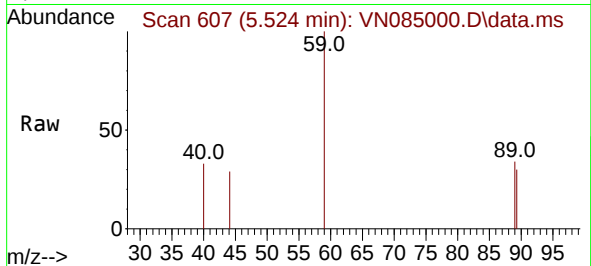




#11
Tert butyl alcohol
Concen: 3.528 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

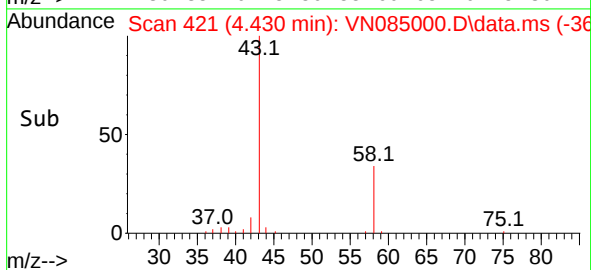
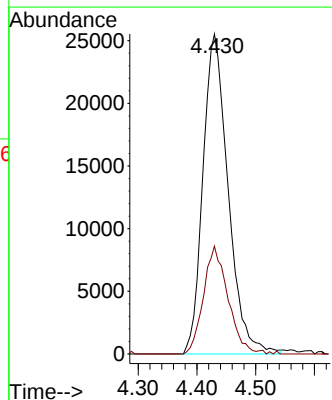
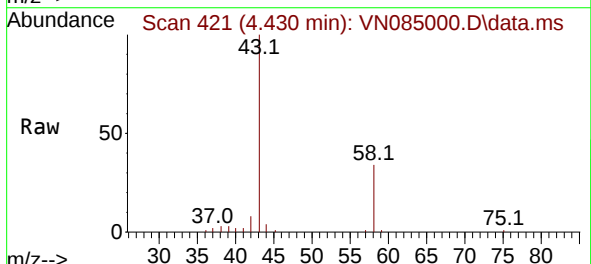
Instrument :
MSVOA_N
ClientSampleId :

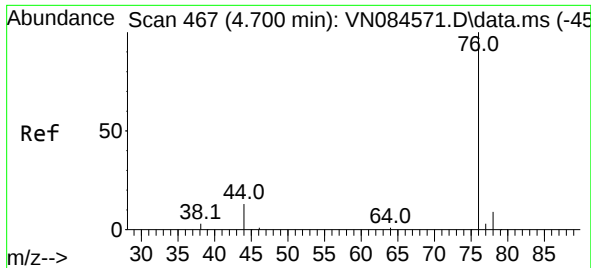
Tgt Ion: 59 Resp: 1046
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 115.663 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 43 Resp: 76044
Ion Ratio Lower Upper
43 100
58 33.7 24.4 36.6

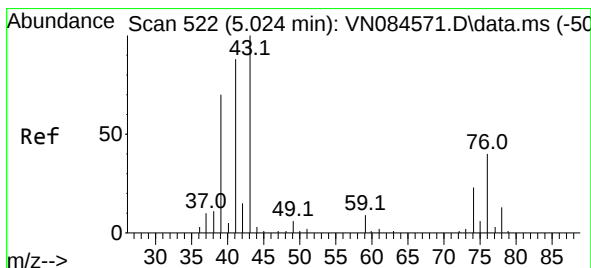
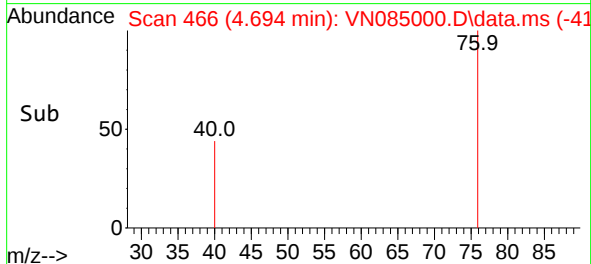
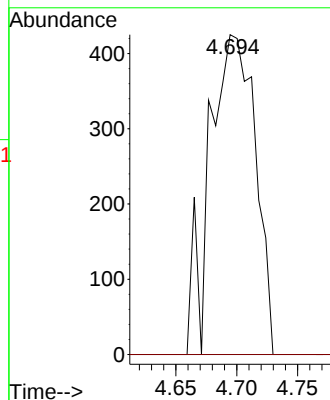
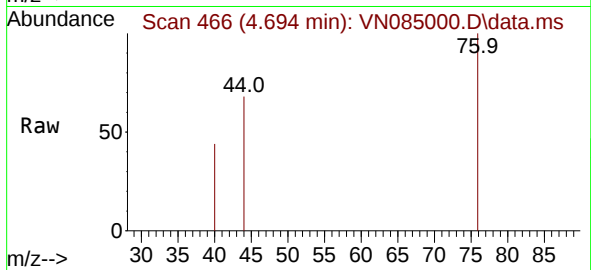




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

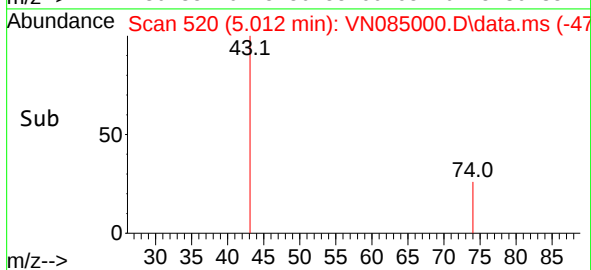
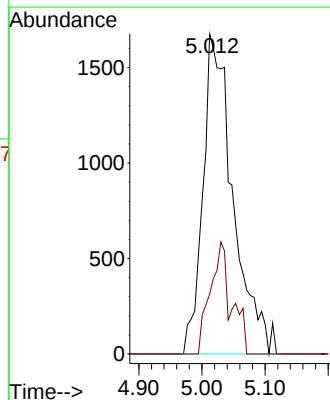
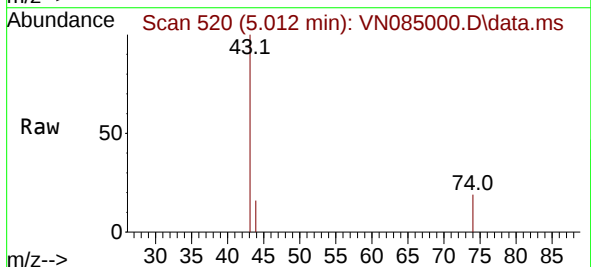
Instrument :
MSVOA_N
ClientSampleId :

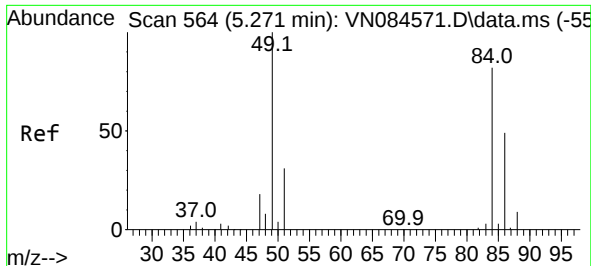
Tgt Ion: 76 Resp: 1112
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

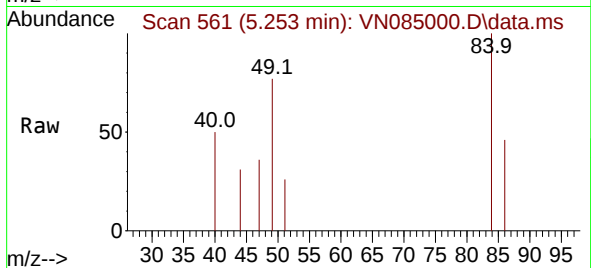
Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
74 19.9 19.2 28.8



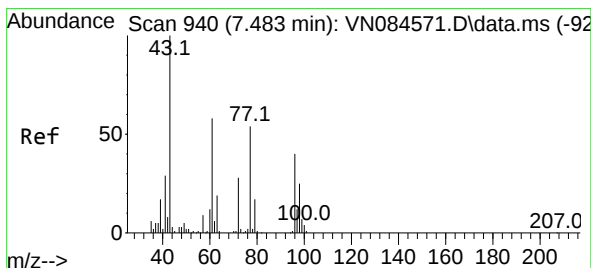
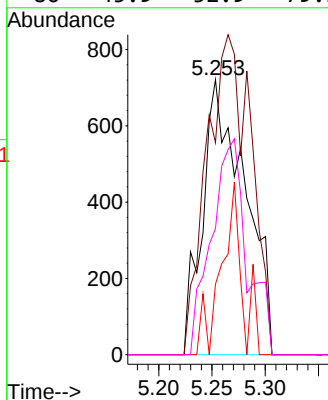
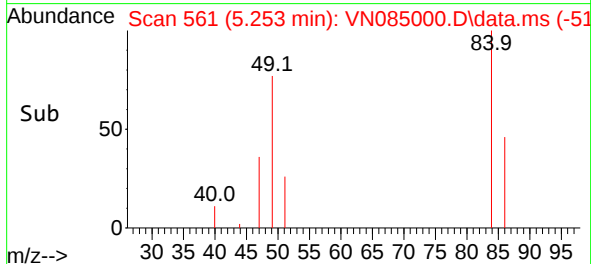


#20
Methylene Chloride
Concen: 1.013 ug/l
RT: 5.253 min Scan# 50
Delta R.T. -0.024 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

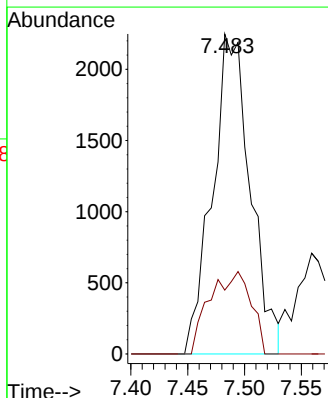
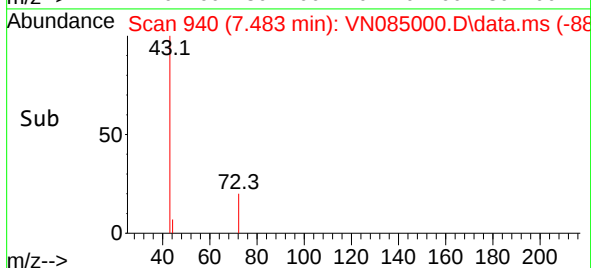
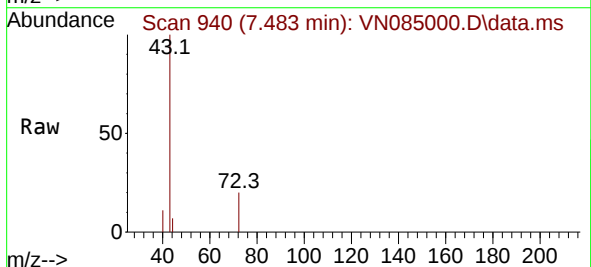


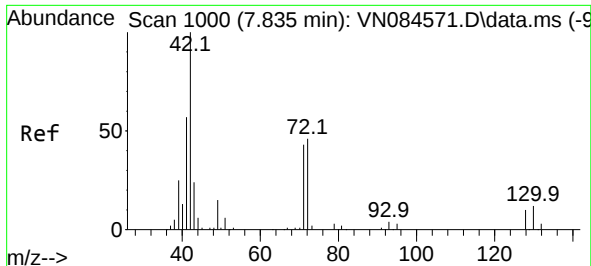
Tgt Ion: 84	Resp: 2002
Ion Ratio	Lower Upper
84 100	
49 77.1	107.2 160.8#
51 25.7	31.8 47.8#
86 45.9	52.9 79.3#



#25
2-Butanone
Concen: 4.982 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 43	Resp: 5221		
Ion Ratio	Lower	Upper	
43 100			
72 20.0	21.4	32.2#	





#29

Tetrahydrofuran

Concen: 0.237 ug/l

RT: 7.841 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

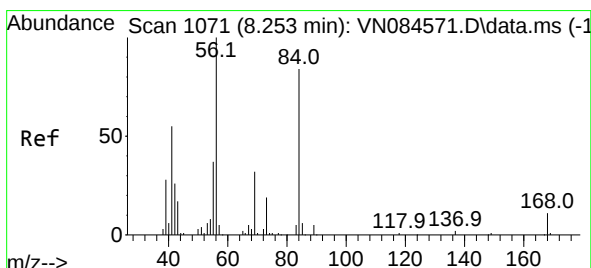
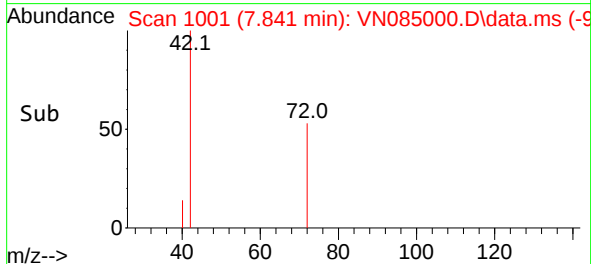
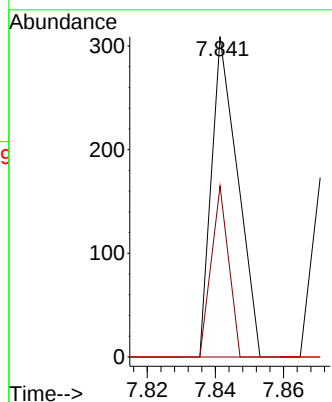
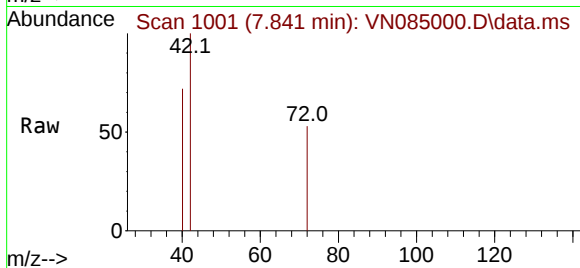
Tgt Ion: 42 Resp: 165

Ion Ratio Lower Upper

42 100

72 35.2 34.6 51.8

71 0.0 32.2 48.4#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

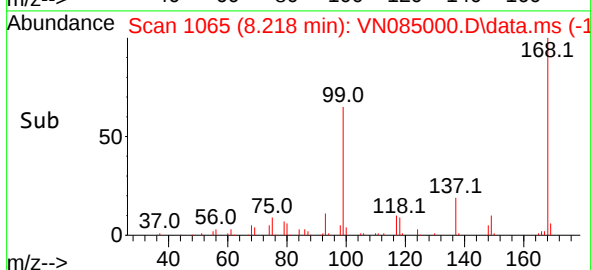
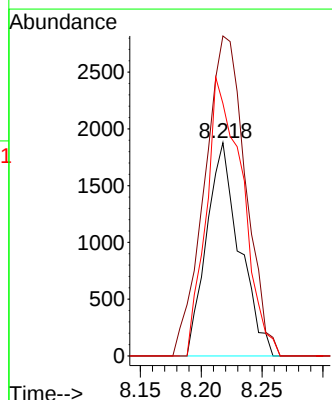
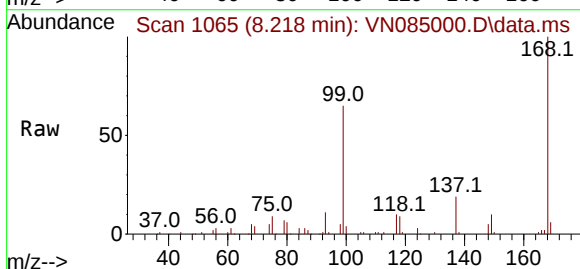
Tgt Ion: 56 Resp: 3531

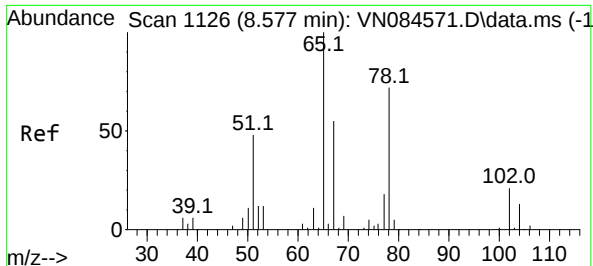
Ion Ratio Lower Upper

56 100

69 150.0 23.8 35.6#

84 118.4 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.558 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

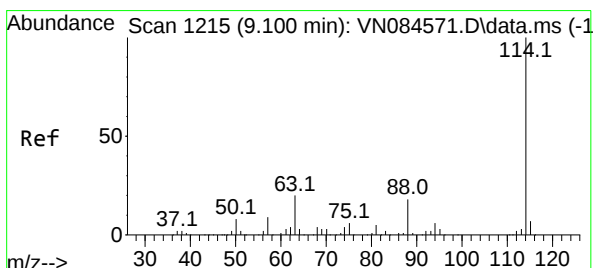
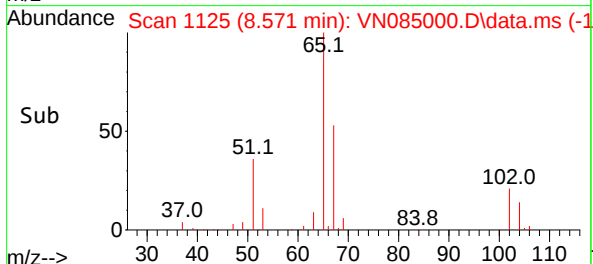
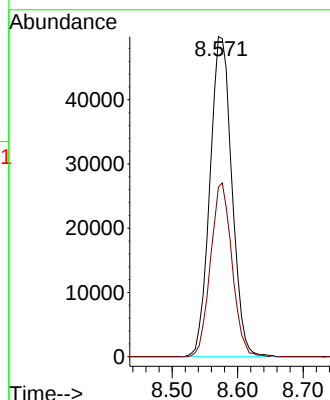
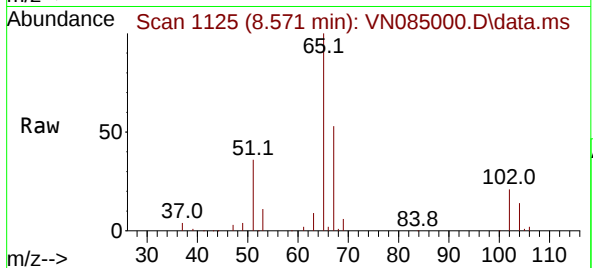
ClientSampleId :

Tgt Ion: 65 Resp: 115812

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

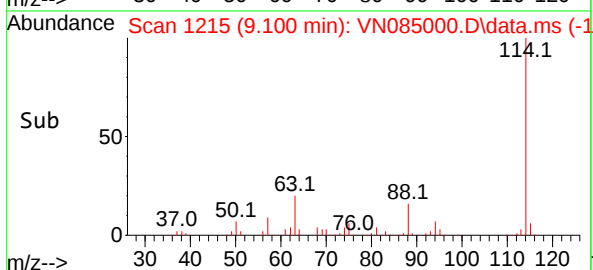
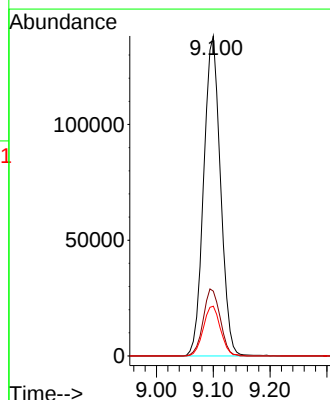
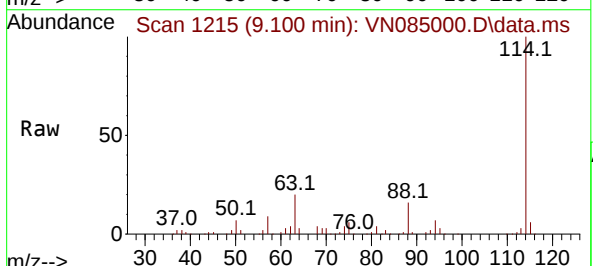
Tgt Ion: 114 Resp: 283234

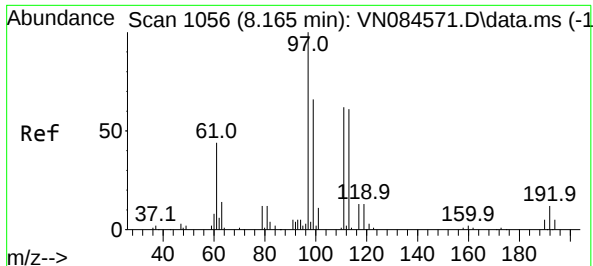
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.794 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

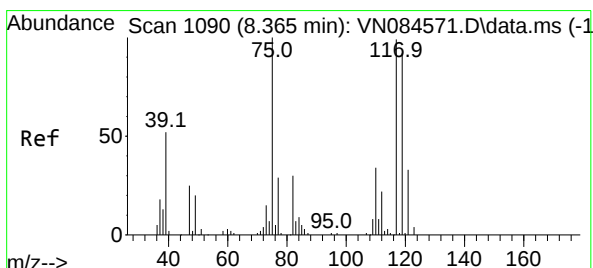
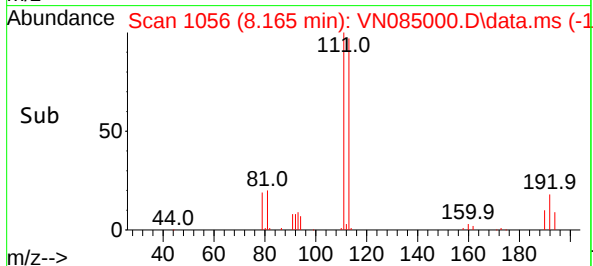
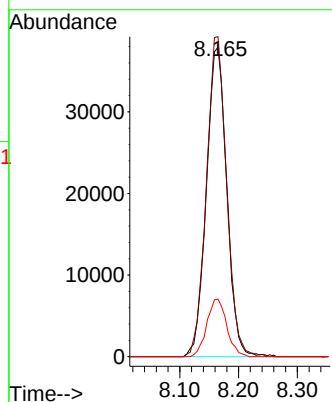
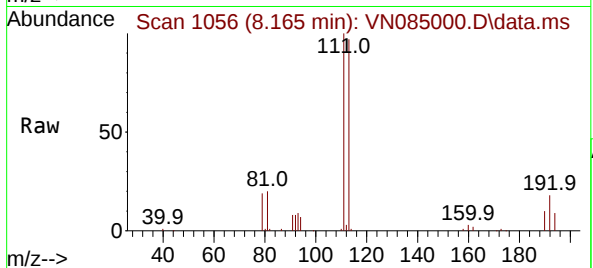
Tgt Ion:113 Resp: 91628

Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.118 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

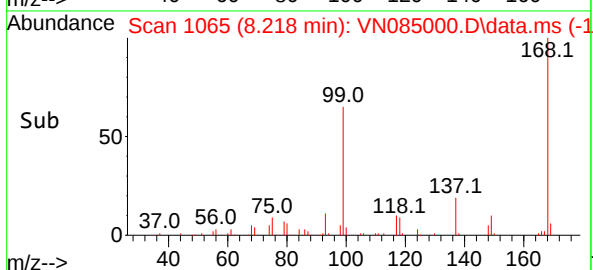
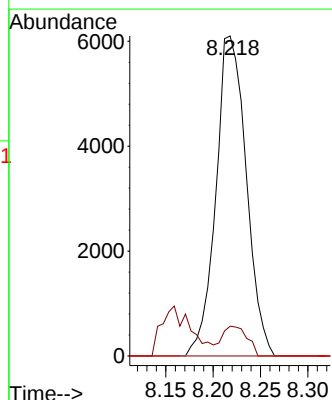
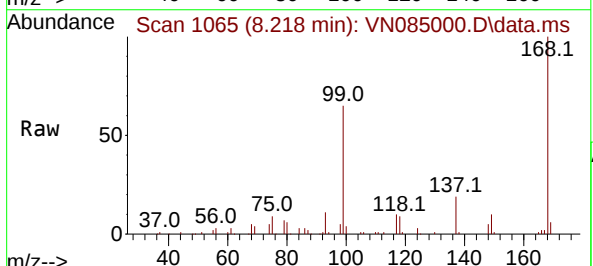
Tgt Ion: 75 Resp: 13608

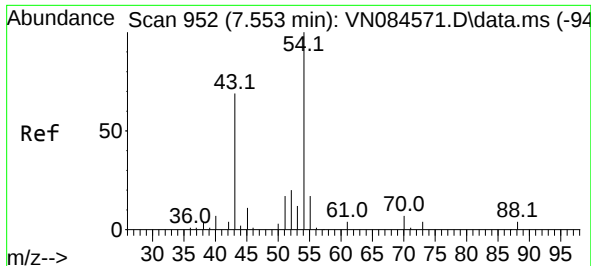
Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.700 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

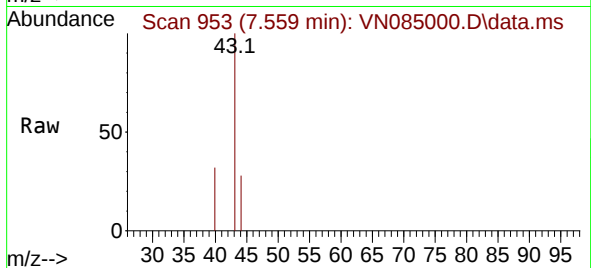
Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

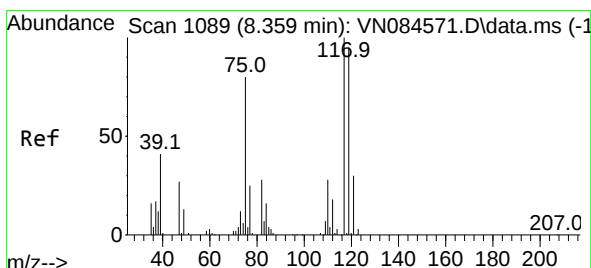
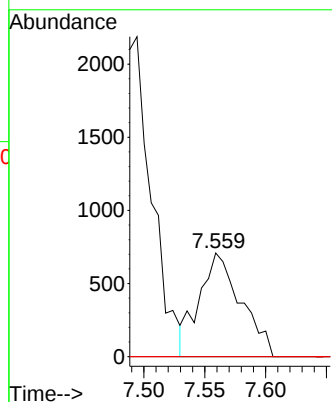
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1689
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.682 ug/l

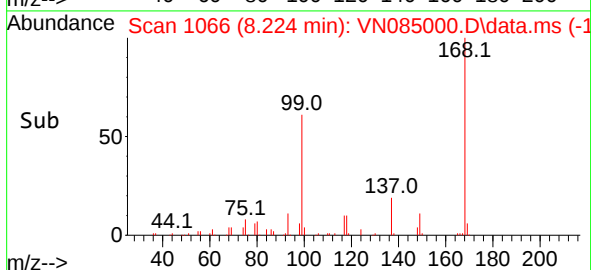
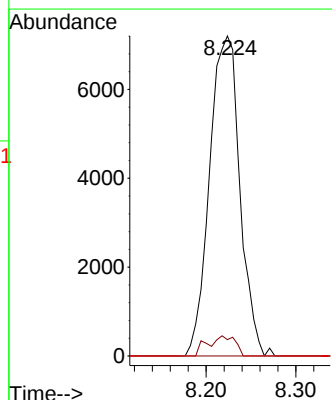
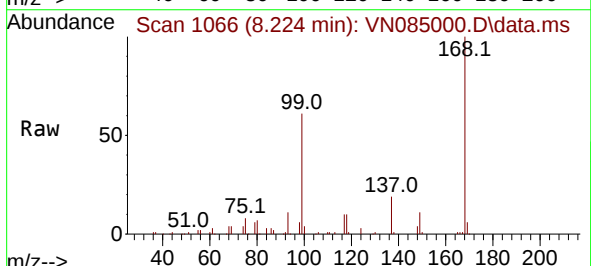
RT: 8.224 min Scan# 1066

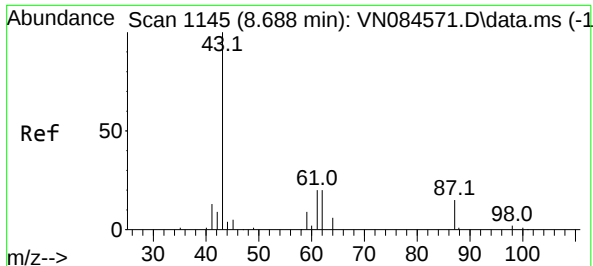
Delta R.T. -0.135 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Tgt Ion:	117	Resp:	16886
Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.7	118.1#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 20.929 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

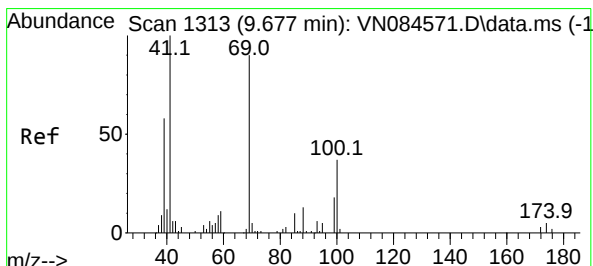
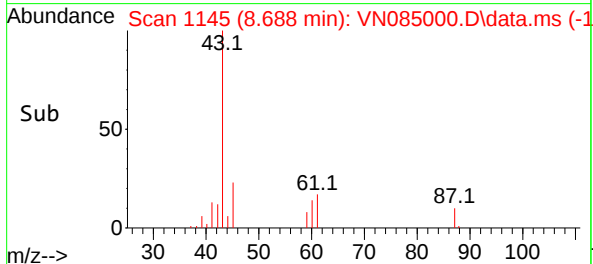
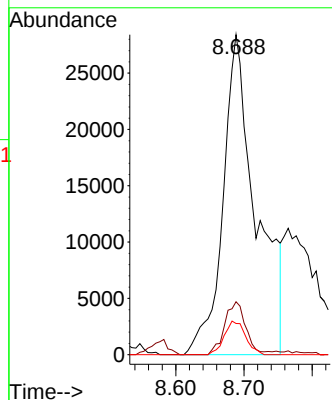
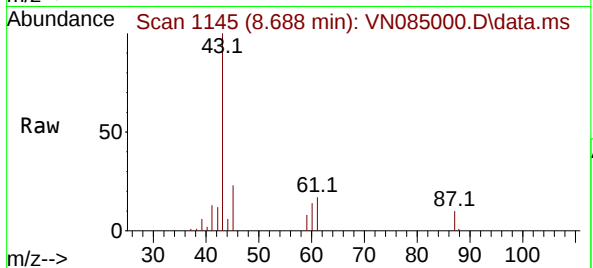
Tgt Ion: 43 Resp: 95775

Ion Ratio Lower Upper

43 100

61 10.6 20.4 30.6#

87 6.8 10.3 15.5#



#48

Methyl methacrylate

Concen: 1.530 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

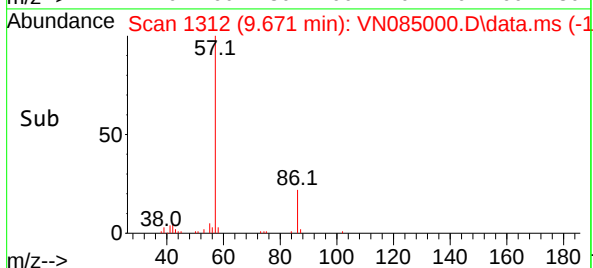
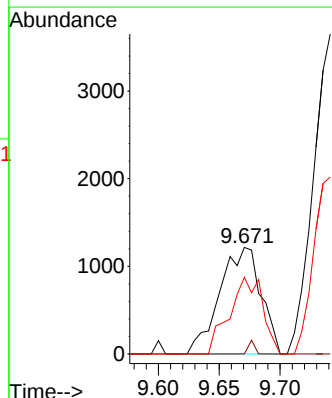
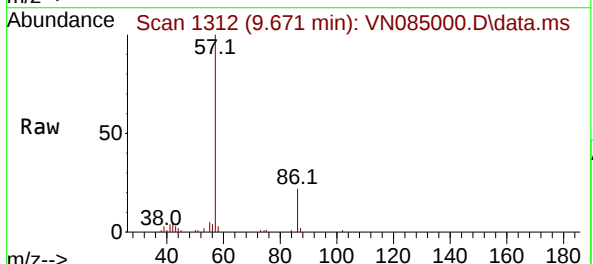
Tgt Ion: 41 Resp: 2873

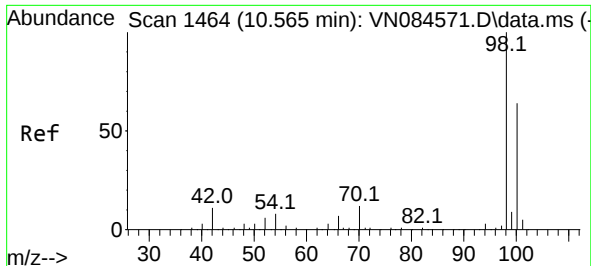
Ion Ratio Lower Upper

41 100

69 1.9 67.1 100.7#

39 57.9 45.8 68.6

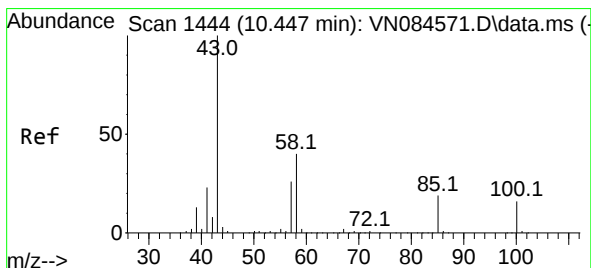
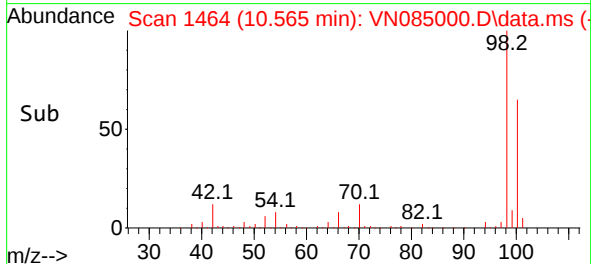
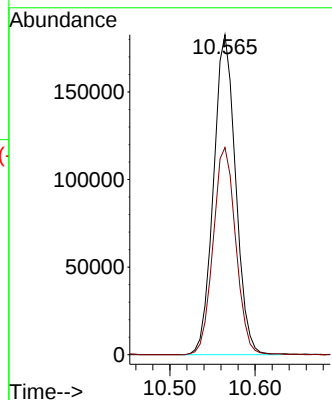
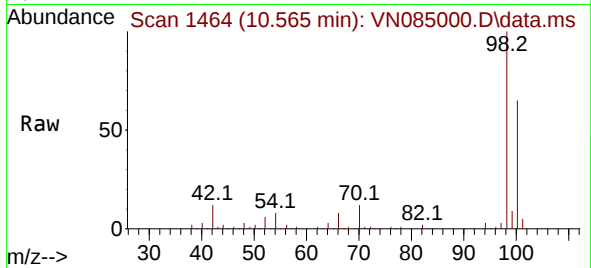




#50
Toluene-d8
Concen: 46.576 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

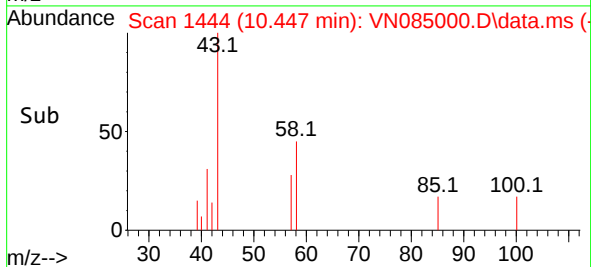
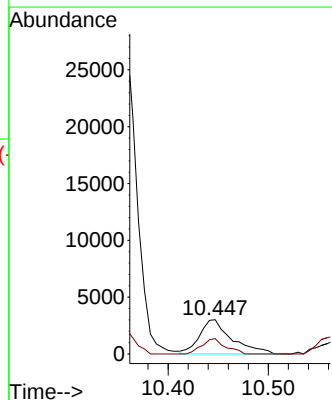
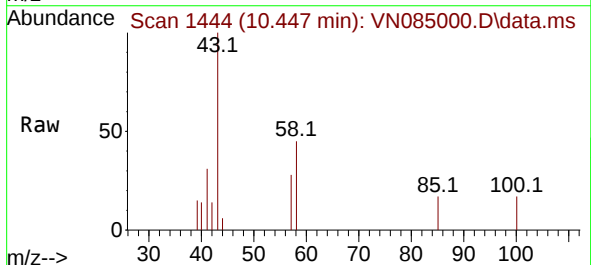
Instrument :
MSVOA_N
ClientSampleId :

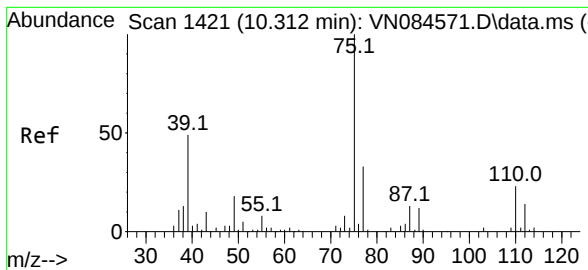
Tgt Ion: 98 Resp: 328925
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 2.940 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
58 32.6 31.6 47.4

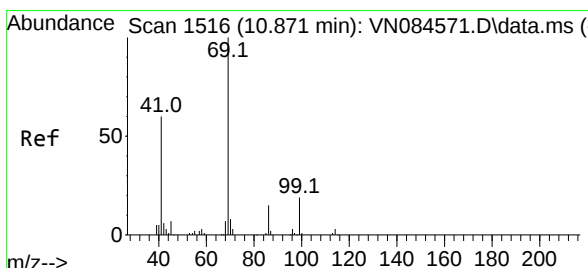
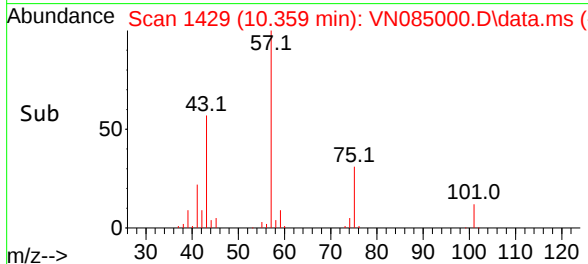
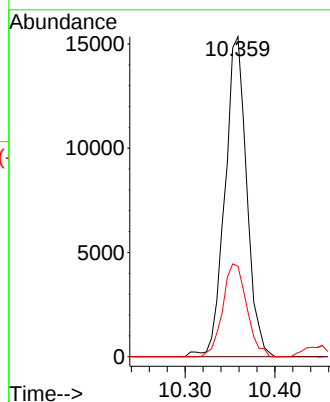
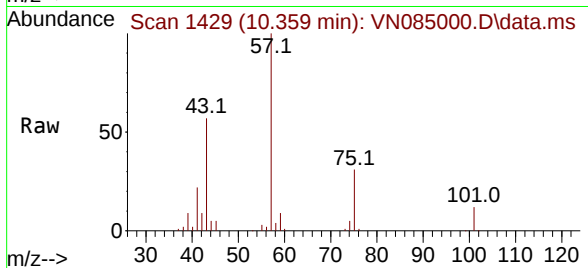




#54
 cis-1,3-Dichloropropene
 Concen: 7.900 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN085000.D
 Acq: 21 Nov 2024 17:44

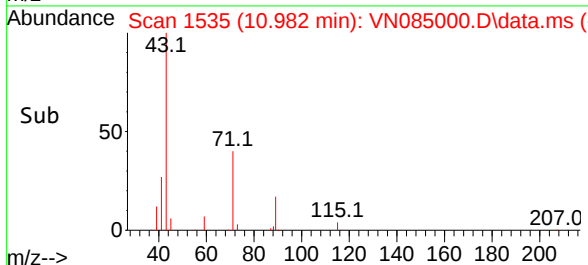
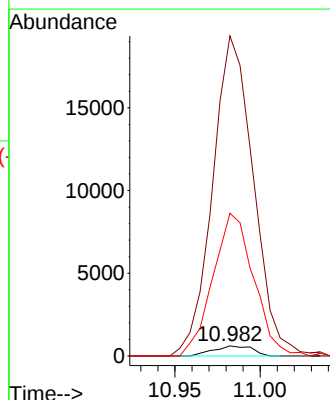
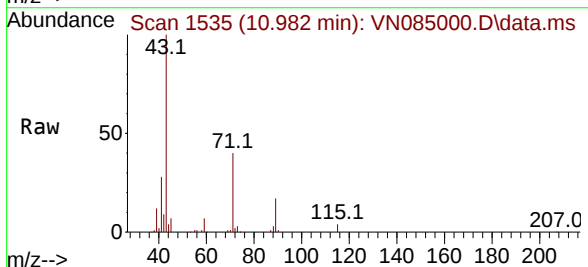
Instrument :
 MSVOA_N
 ClientSampleId :

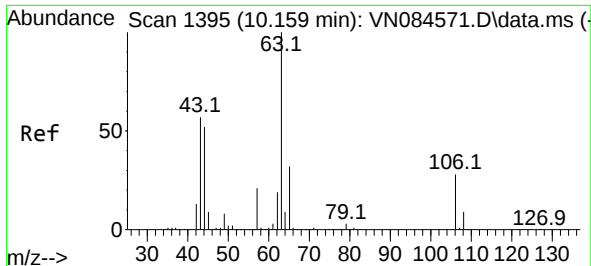
Tgt Ion: 75 Resp: 25787
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.2#
 39 28.3 38.7 58.1#



#56
 Ethyl methacrylate
 Concen: 0.355 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.112 min
 Lab File: VN085000.D
 Acq: 21 Nov 2024 17:44

Tgt Ion: 69 Resp: 966
 Ion Ratio Lower Upper
 69 100
 41 3352.3 53.3 79.9#
 39 1494.6 28.8 43.2#

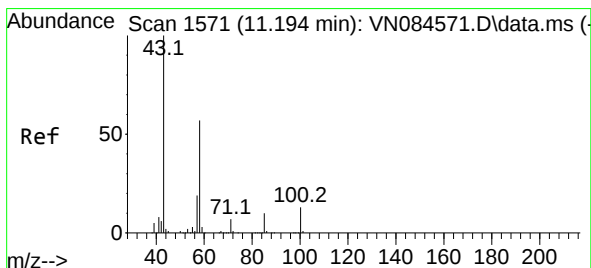
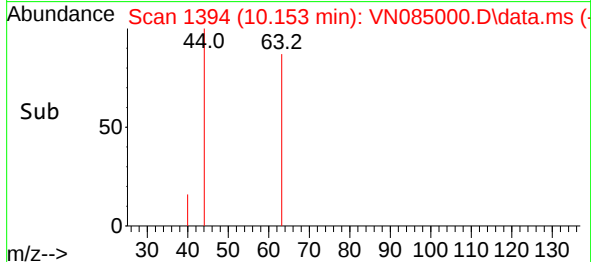
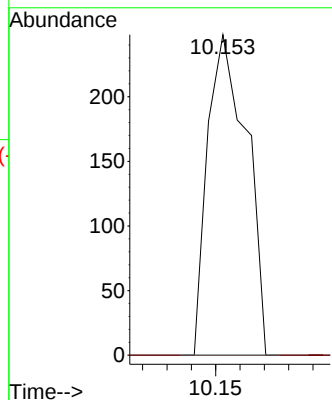
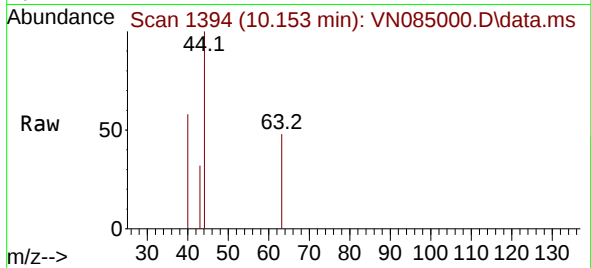




#58
2-Chloroethyl Vinyl ether
Concen: 0.217 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

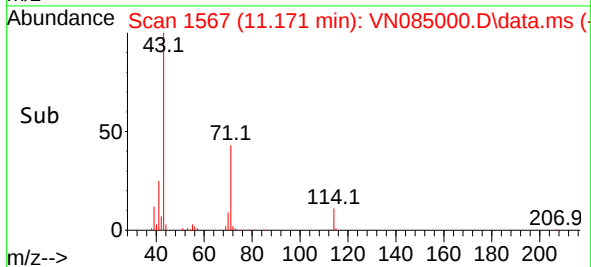
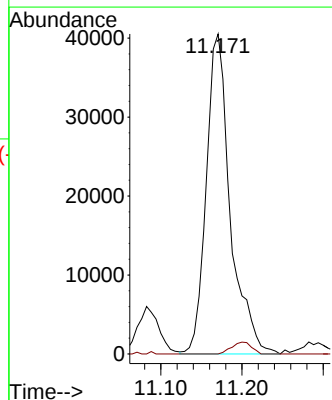
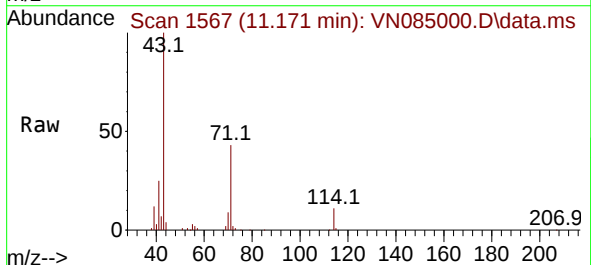
Instrument :
MSVOA_N
ClientSampleId :

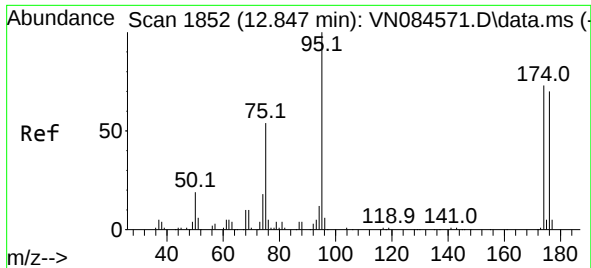
Tgt Ion: 63 Resp: 276
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#59
2-Hexanone
Concen: 49.697 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 43 Resp: 83189
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

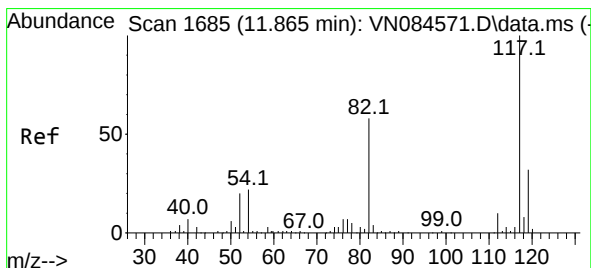
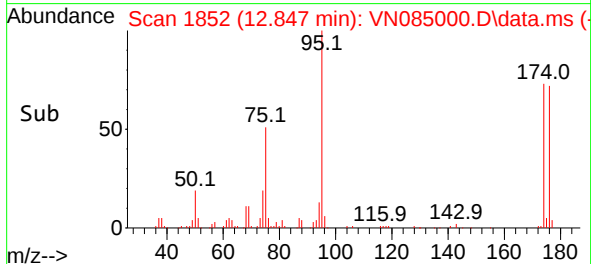
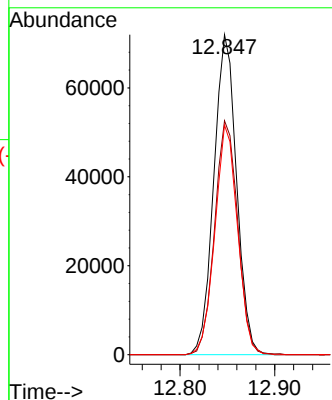
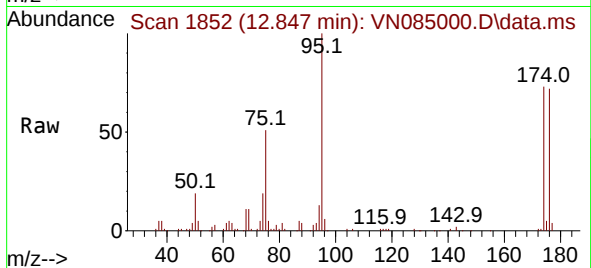




#62
4-Bromofluorobenzene
Concen: 45.528 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

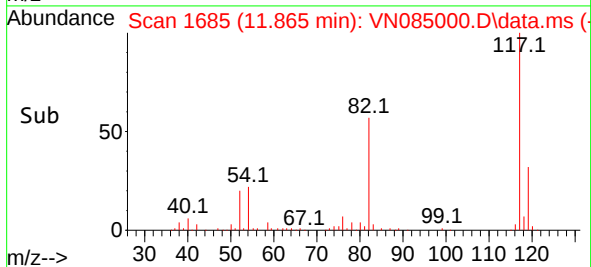
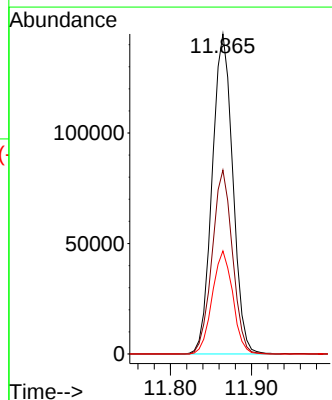
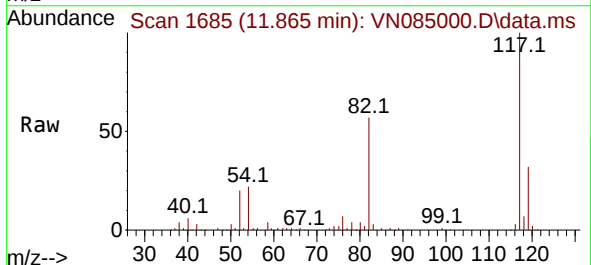
Instrument :
MSVOA_N
ClientSampleId :

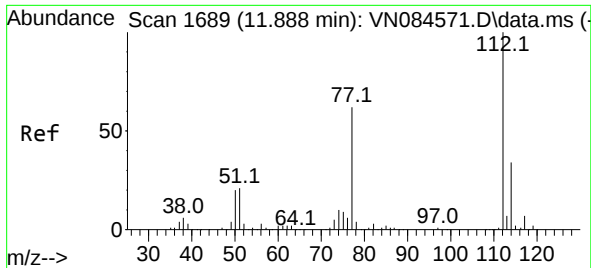
Tgt Ion: 95 Resp: 120165
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 71.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 117 Resp: 255274
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 32.2 25.4 38.0

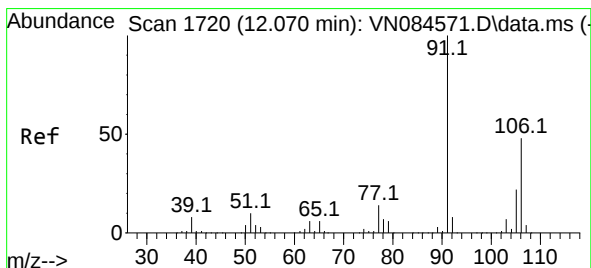
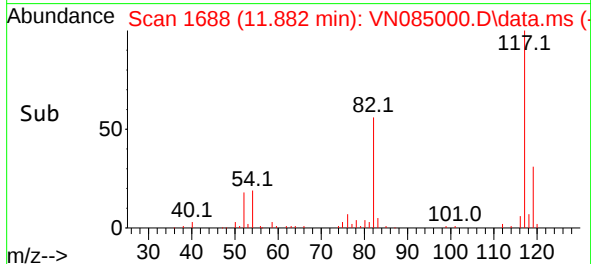
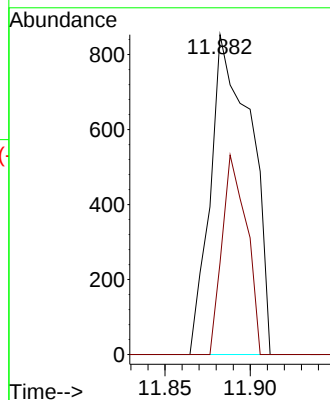
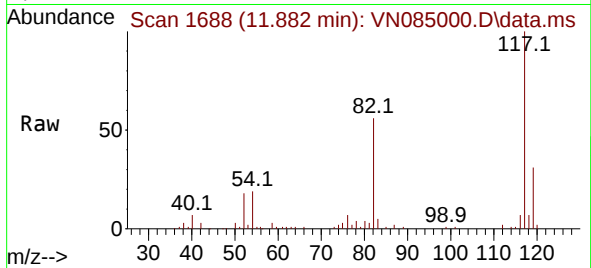




#65
Chlorobenzene
Concen: 0.247 ug/l
RT: 11.882 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

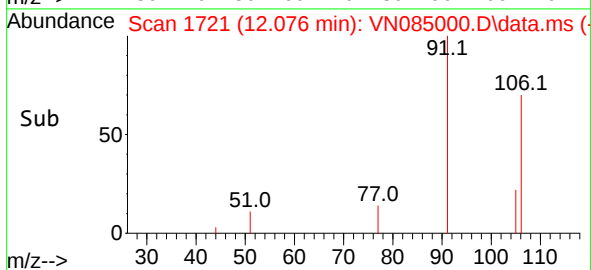
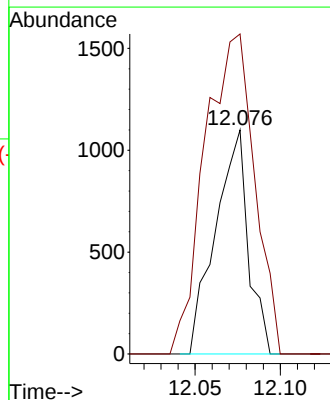
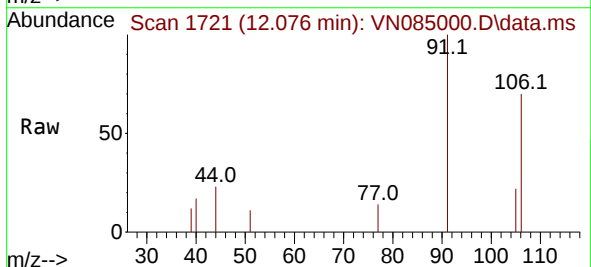
Instrument :
MSVOA_N
ClientSampleId :

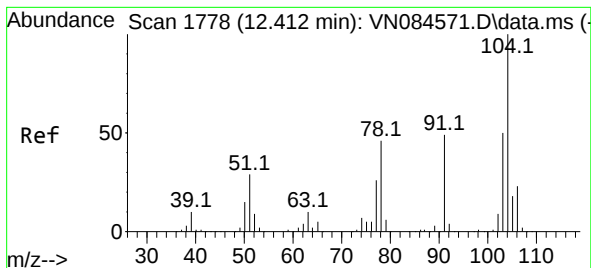
Tgt Ion:112 Resp: 1410
Ion Ratio Lower Upper
112 100
114 28.7 27.0 40.6



#68
m/p-Xylenes
Concen: 0.407 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion:106 Resp: 1470
Ion Ratio Lower Upper
106 100
91 216.1 167.1 250.7





#70

Styrene

Concen: 0.338 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085000.D

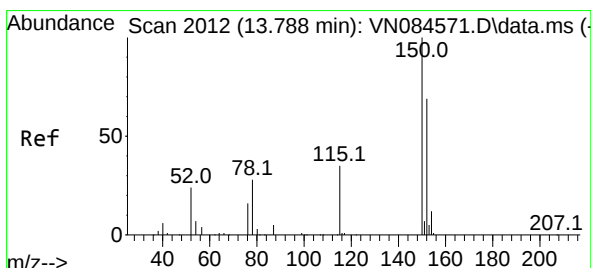
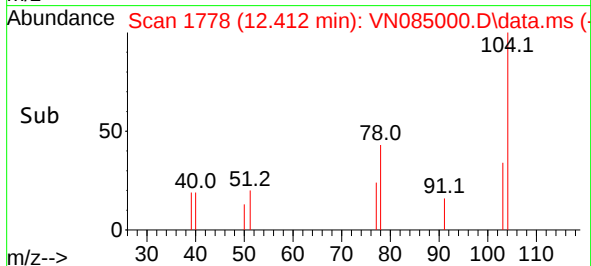
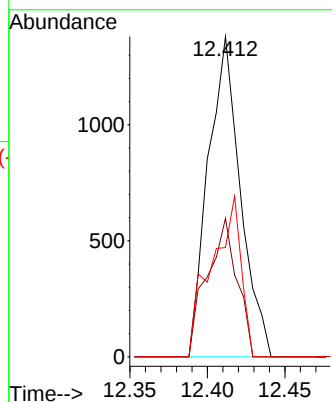
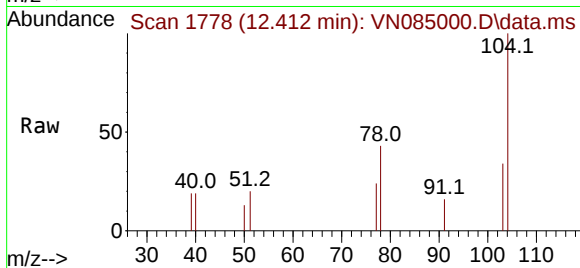
Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	1992
Ion	Ratio	Lower	Upper
104	100		
78	40.2	42.7	64.1#
103	46.0	43.6	65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

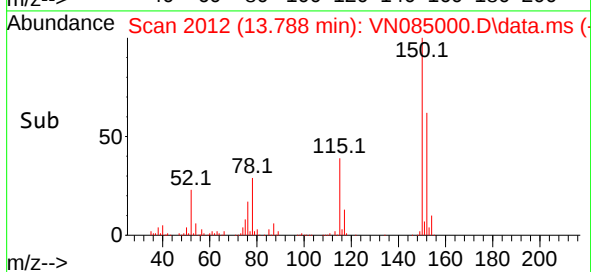
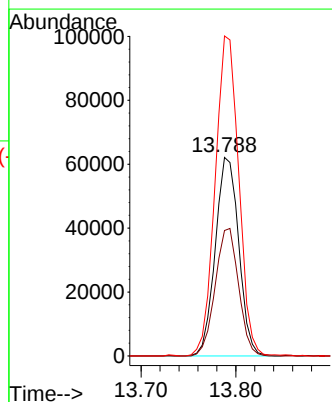
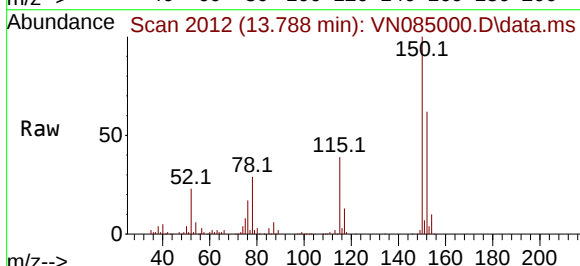
RT: 13.788 min Scan# 2012

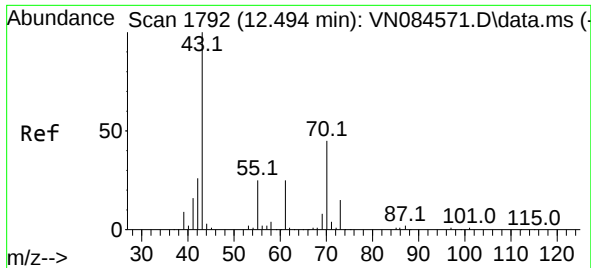
Delta R.T. 0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

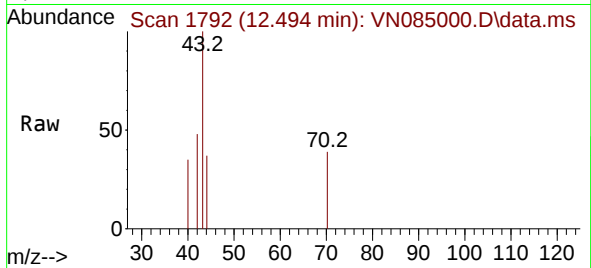
Tgt Ion:	152	Resp:	106885
Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.3	93.9
150	162.4	0.0	349.8





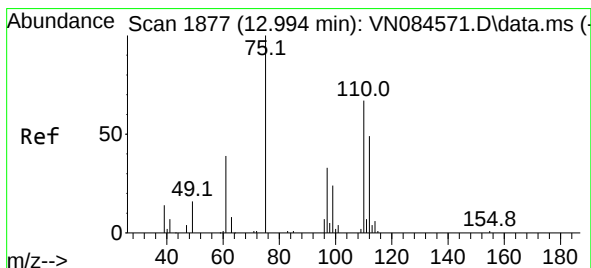
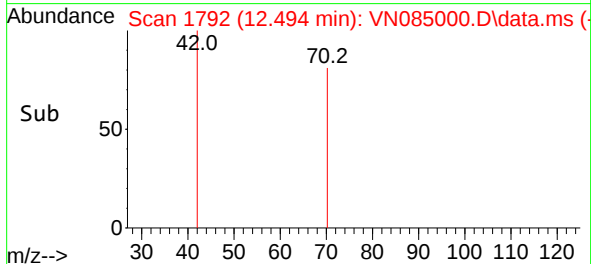
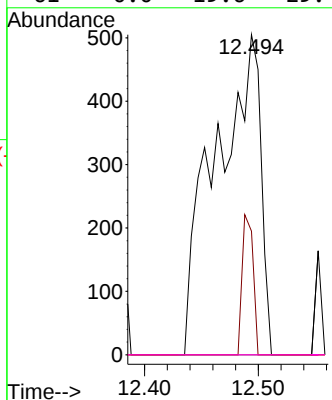
#74
N-amy1 acetate
Concen: 0.434 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1385

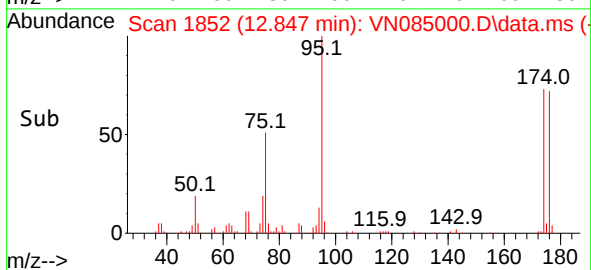
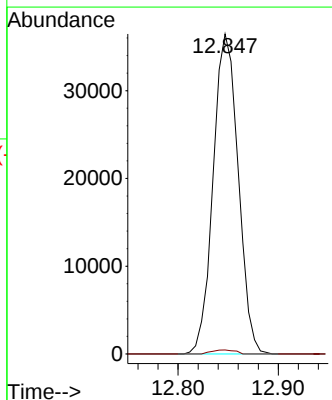
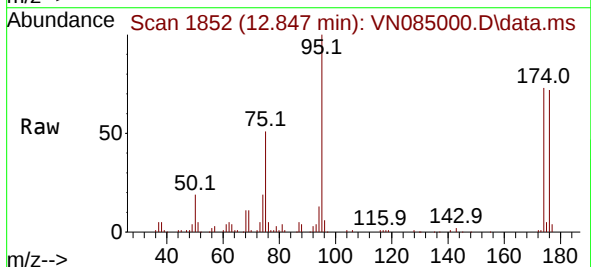
Ion	Ratio	Lower	Upper
43	100		
70	10.6	34.4	51.6#
55	0.0	19.6	29.4#
61	0.0	19.6	29.4#

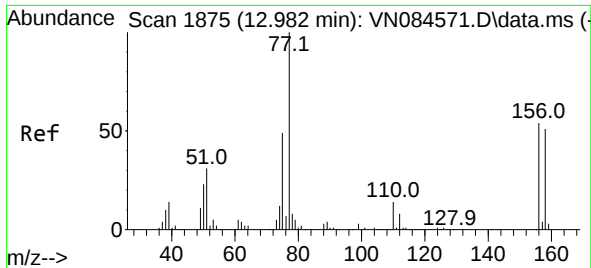


#76
1,2,3-Trichloropropane
Concen: 29.637 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 75 Resp: 63322

Ion	Ratio	Lower	Upper
75	100		
77	1.2	96.9	290.7#

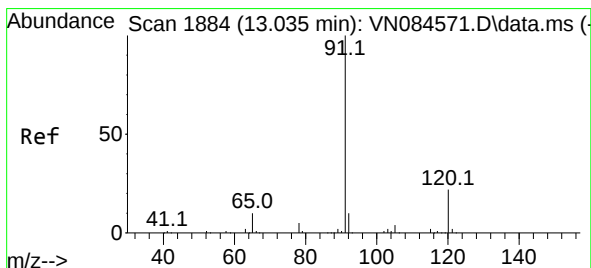
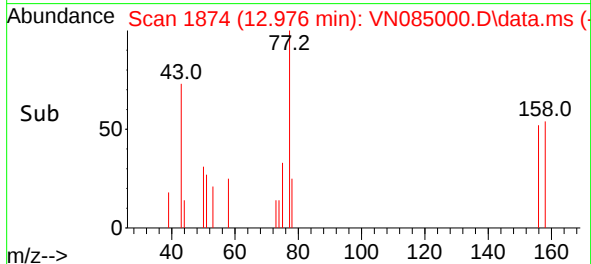
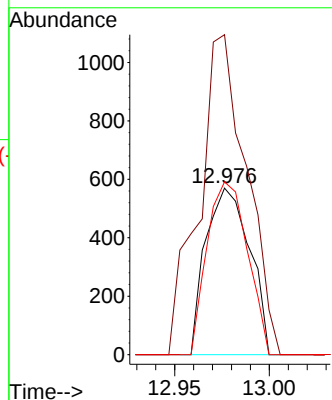
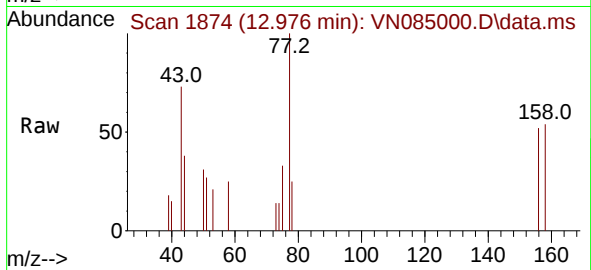




#77
Bromobenzene
Concen: 0.456 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

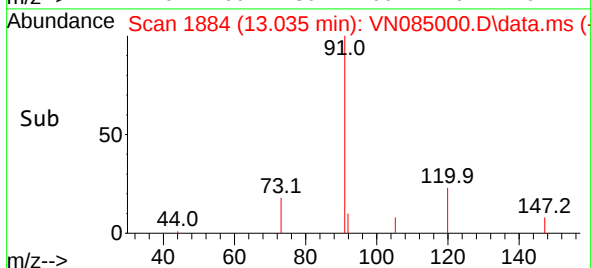
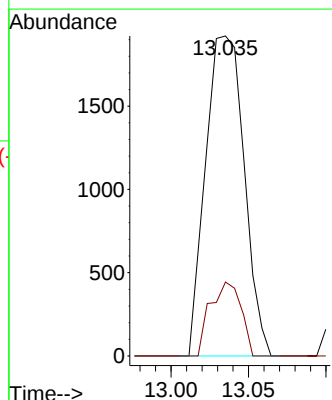
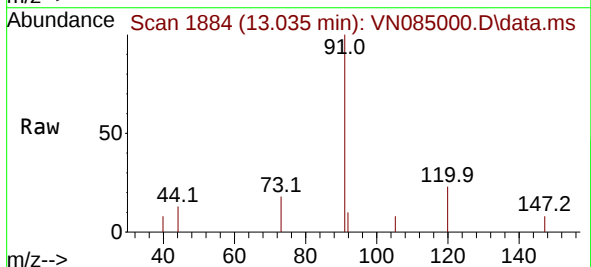
Instrument :
MSVOA_N
ClientSampleId :

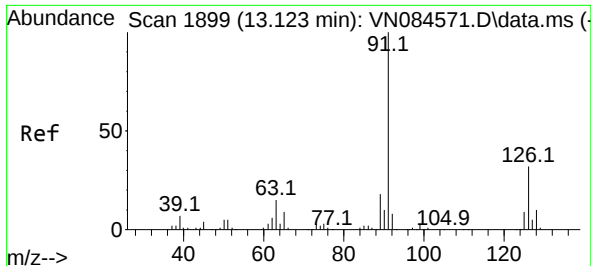
Tgt Ion:156 Resp: 919
Ion Ratio Lower Upper
156 100
77 208.7 115.1 345.3
158 95.5 48.9 146.8



#78
n-propylbenzene
Concen: 0.379 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 91 Resp: 3328
Ion Ratio Lower Upper
91 100
120 18.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.320 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

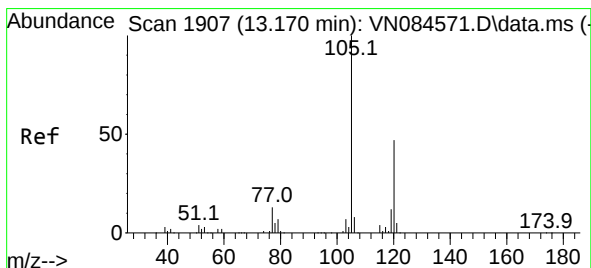
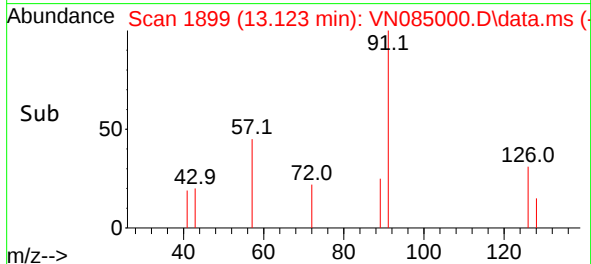
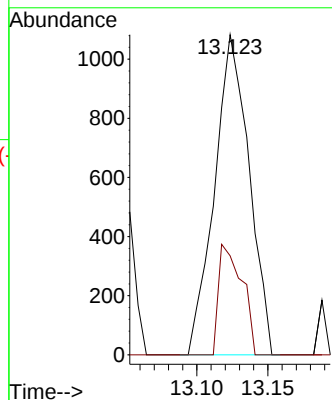
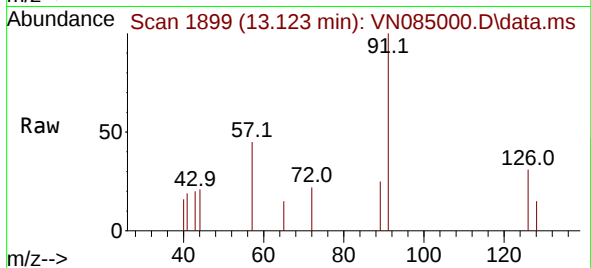
ClientSampleId :

Tgt Ion: 91 Resp: 1833

Ion Ratio Lower Upper

91 100

126 23.2 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.251 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN085000.D

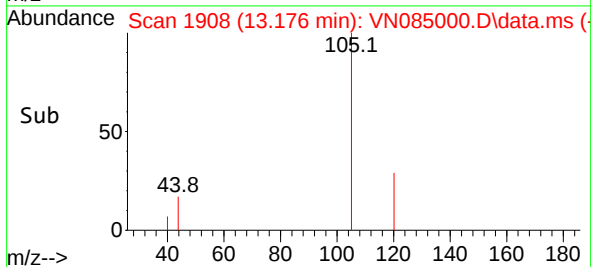
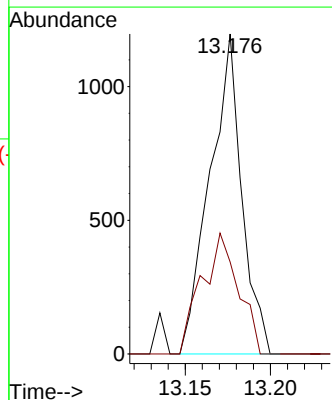
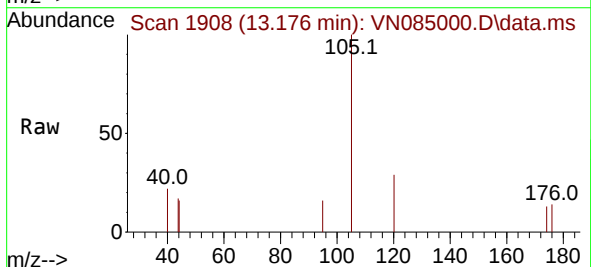
Acq: 21 Nov 2024 17:44

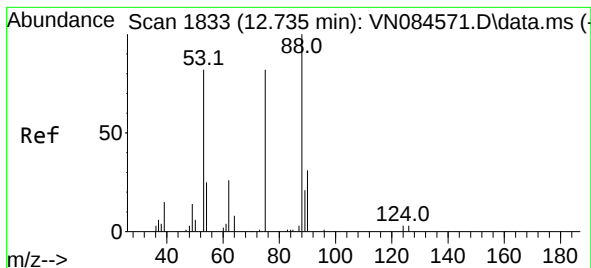
Tgt Ion:105 Resp: 1556

Ion Ratio Lower Upper

105 100

120 43.4 23.7 71.1

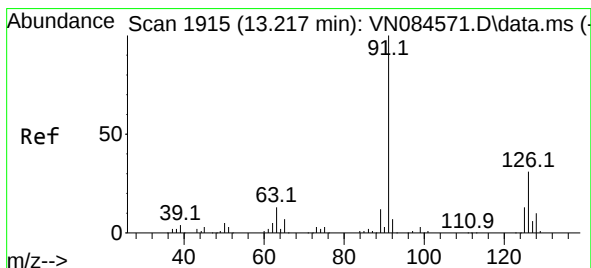
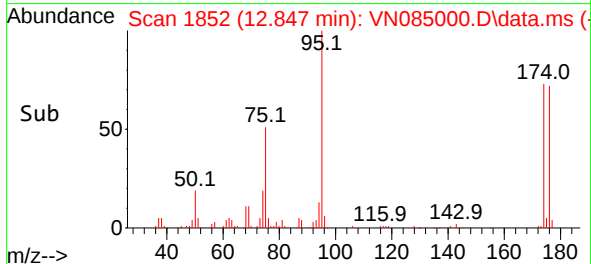
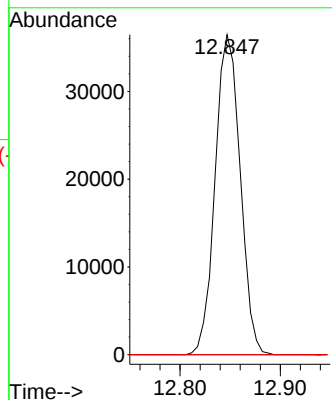
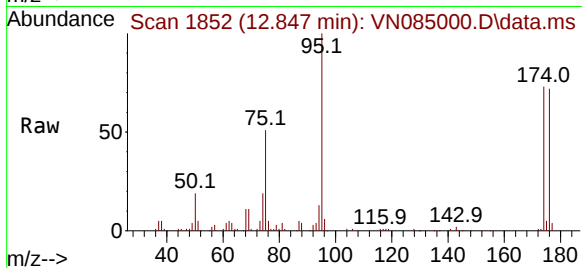




#81
trans-1,4-Dichloro-2-butene
Concen: 70.311 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

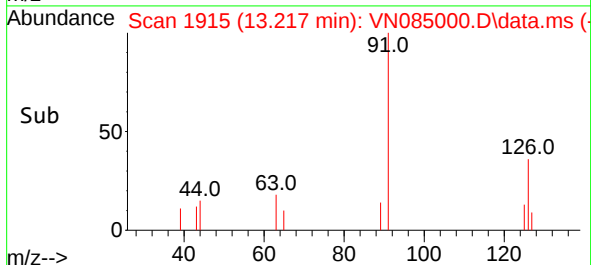
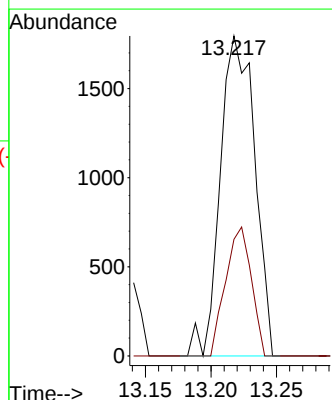
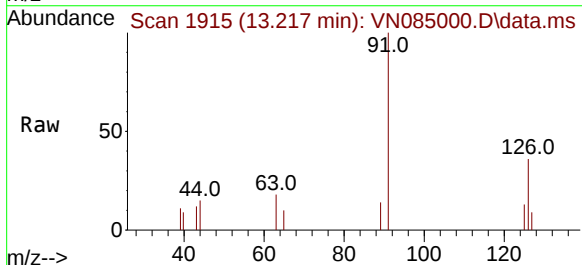
Instrument :
MSVOA_N
ClientSampleId :

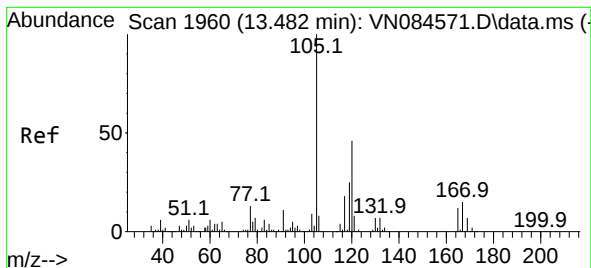
Tgt Ion: 75 Resp: 63322
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.543 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 91 Resp: 3280
Ion Ratio Lower Upper
91 100
126 30.1 15.7 47.1





#84

1,2,4-Trimethylbenzene

Concen: 0.408 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

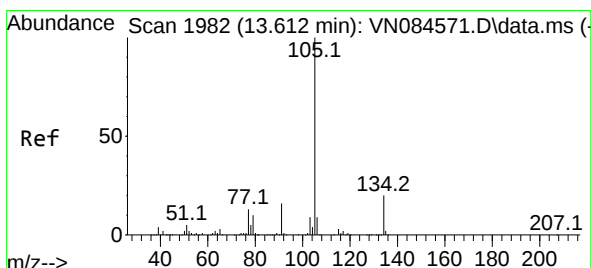
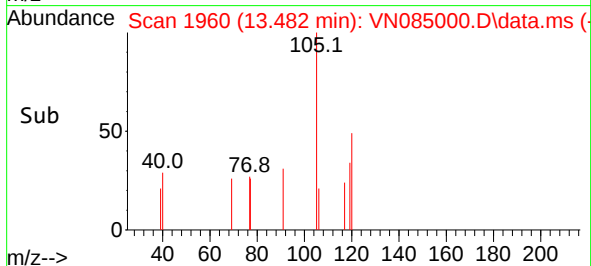
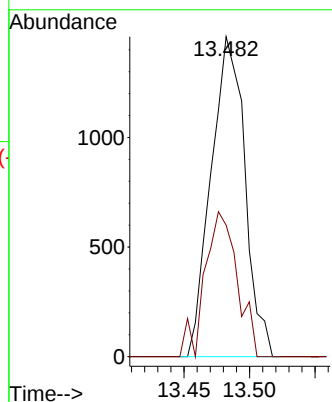
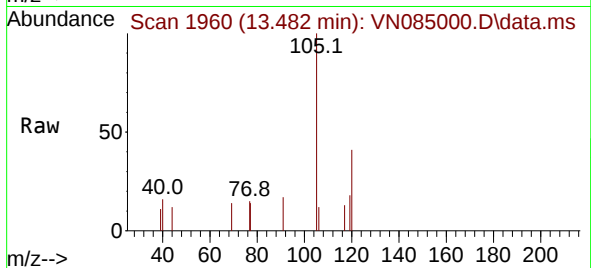
ClientSampleId :

Tgt Ion:105 Resp: 2617

Ion Ratio Lower Upper

105 100

120 43.3 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.268 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN085000.D

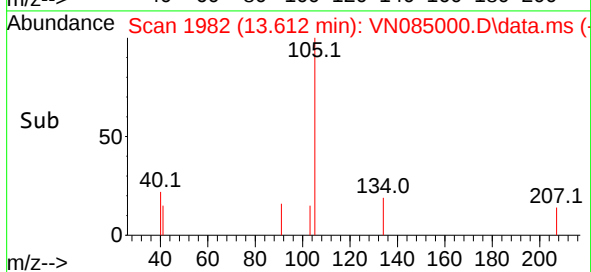
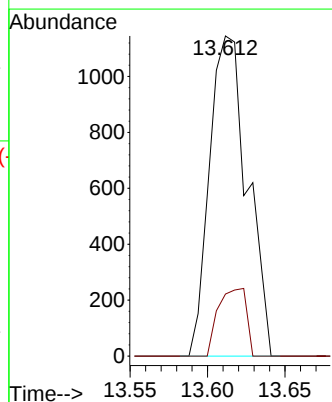
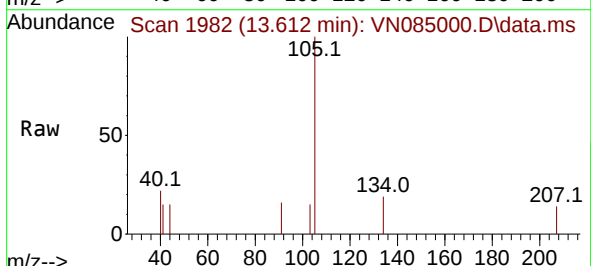
Acq: 21 Nov 2024 17:44

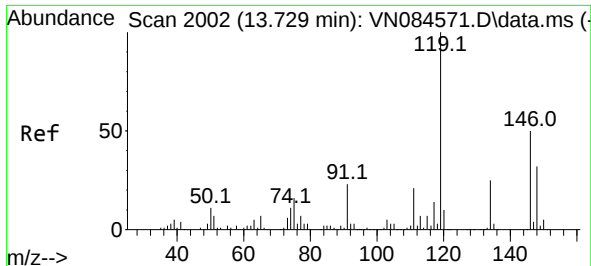
Tgt Ion:105 Resp: 1945

Ion Ratio Lower Upper

105 100

134 15.6 9.8 29.4

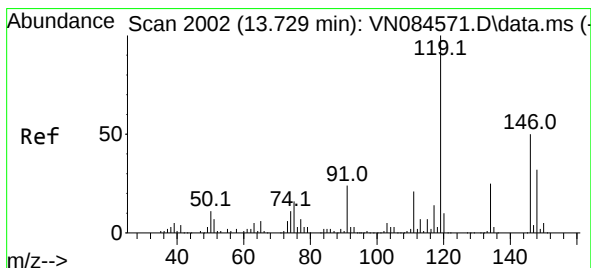
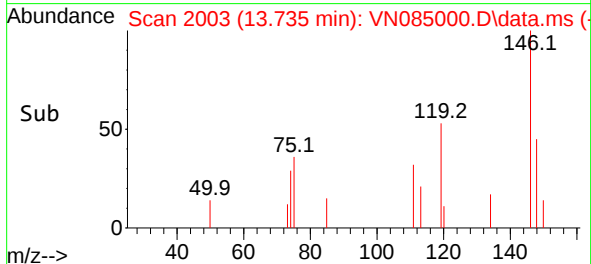
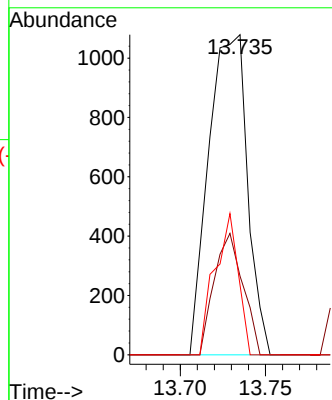
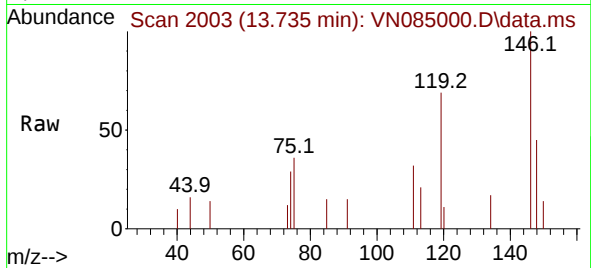




#86
p-Isopropyltoluene
Concen: 0.286 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

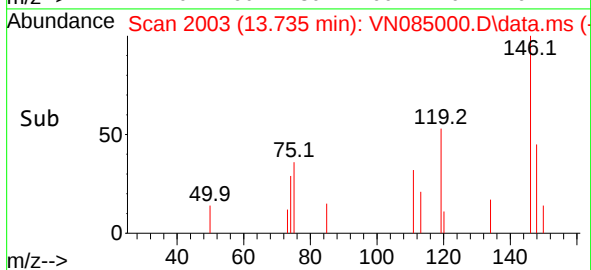
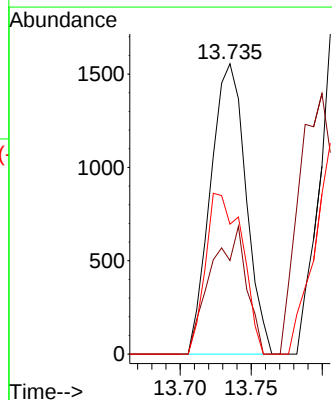
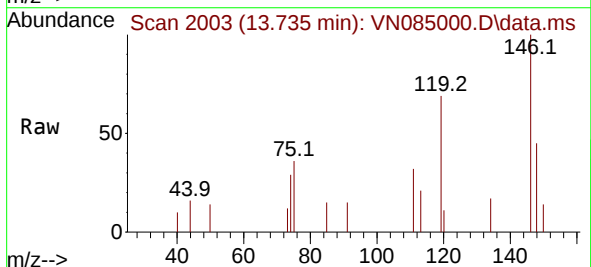
Instrument :
MSVOA_N
ClientSampleId :

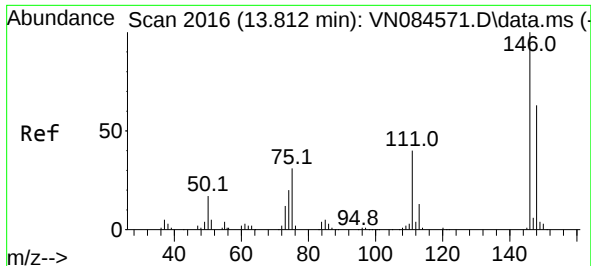
Tgt Ion:119 Resp: 1702
Ion Ratio Lower Upper
119 100
134 28.2 12.6 37.8
91 26.7 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.687 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

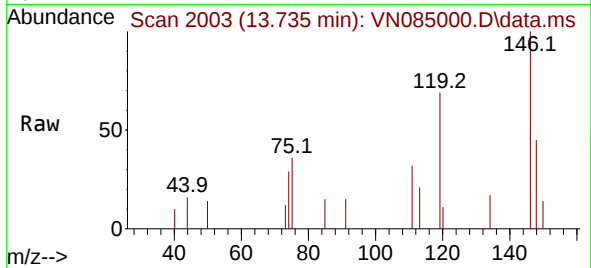
Tgt Ion:146 Resp: 2699
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.3
148 57.3 31.9 95.7



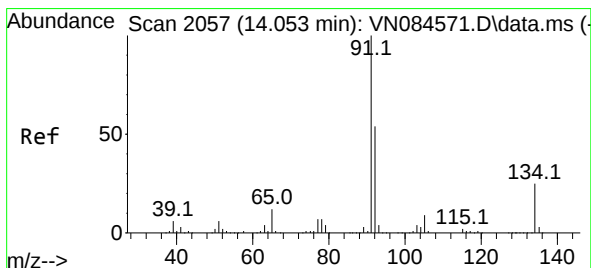
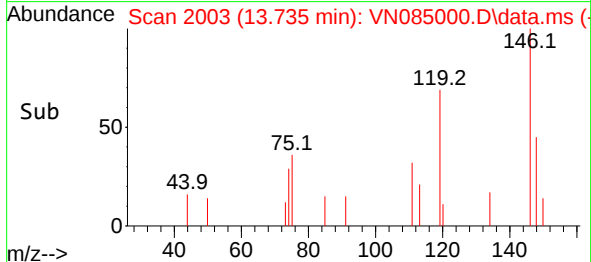
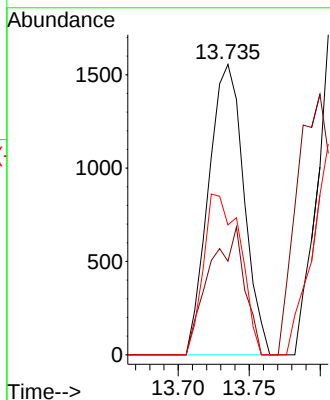


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

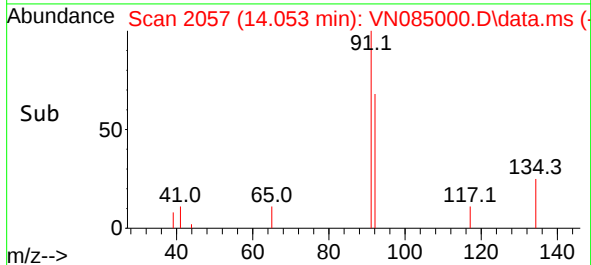
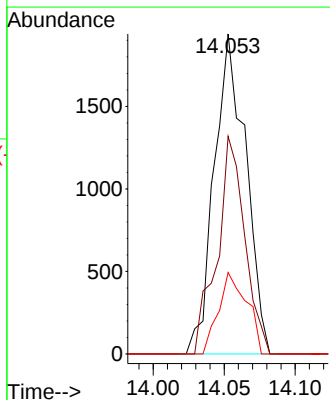
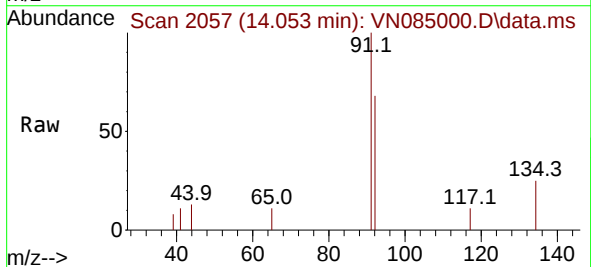


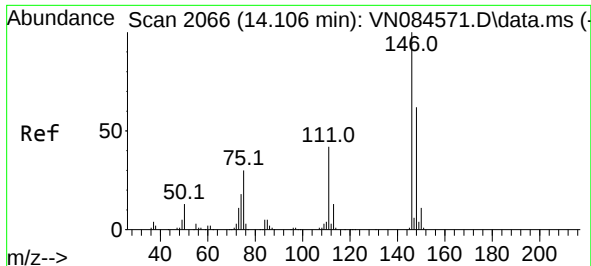
Tgt Ion:146 Resp: 2699
Ion Ratio Lower Upper
146 100
111 43.7 21.2 63.6
148 57.3 31.9 95.9



#89
n-Butylbenzene
Concen: 0.538 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Tgt Ion: 91 Resp: 2995
Ion Ratio Lower Upper
91 100
92 59.6 26.6 79.7
134 22.8 12.3 36.9





#91

1,2-Dichlorobenzene

Concen: 0.604 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

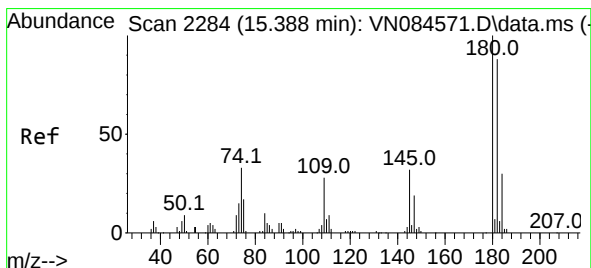
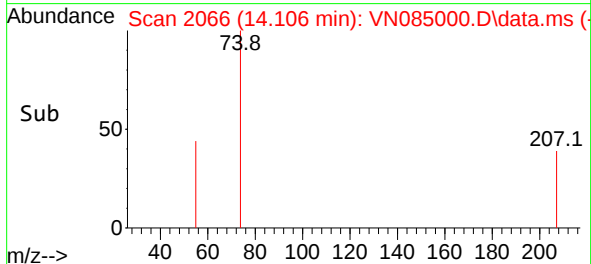
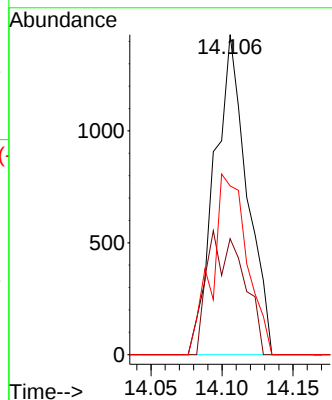
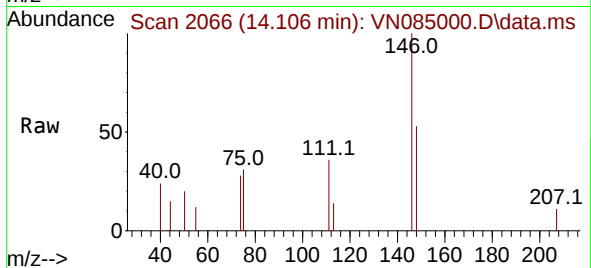
Tgt Ion:146 Resp: 2281

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

148 60.8 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 1.125 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085000.D

Acq: 21 Nov 2024 17:44

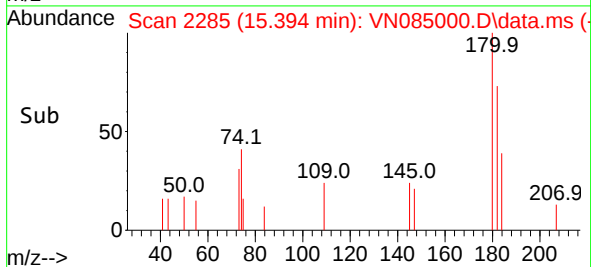
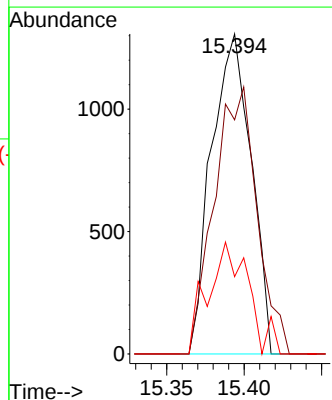
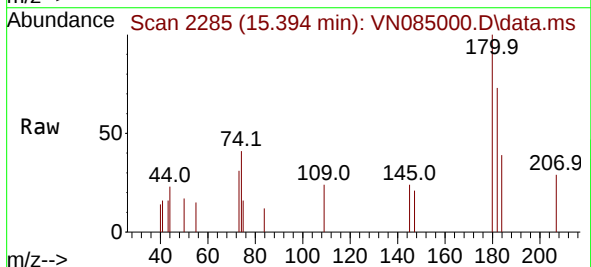
Tgt Ion:180 Resp: 2325

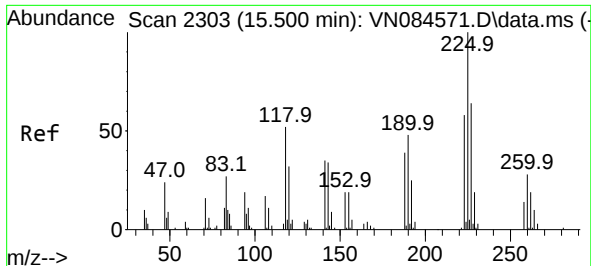
Ion Ratio Lower Upper

180 100

182 89.9 47.0 141.0

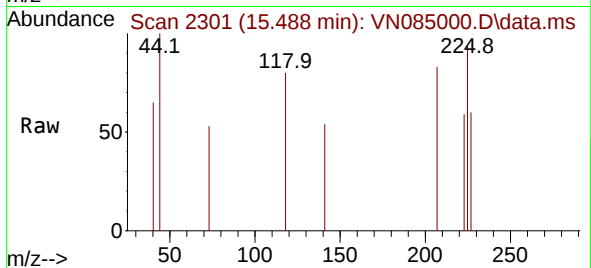
145 35.7 16.4 49.4



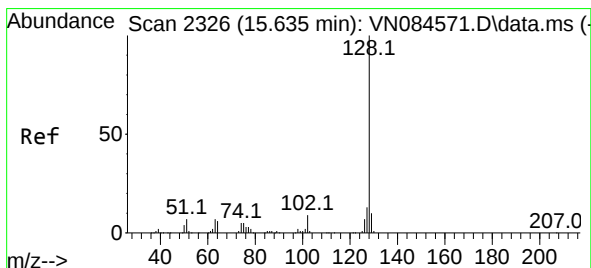
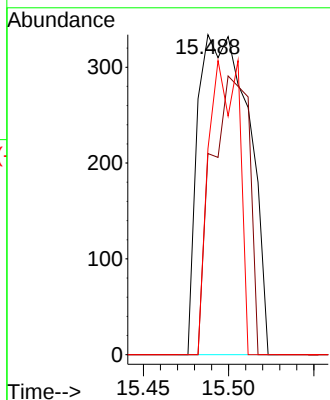
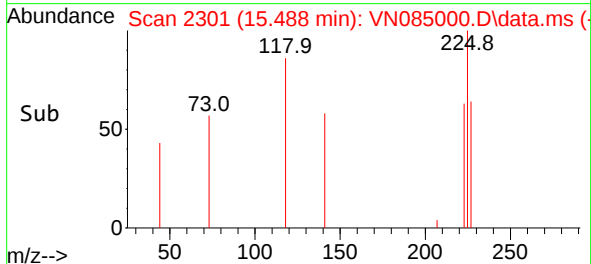


#94
Hexachlorobutadiene
Concen: 0.763 ug/l
RT: 15.488 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

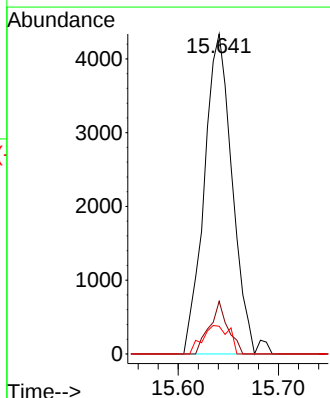
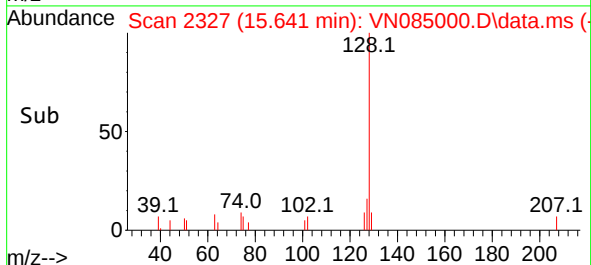
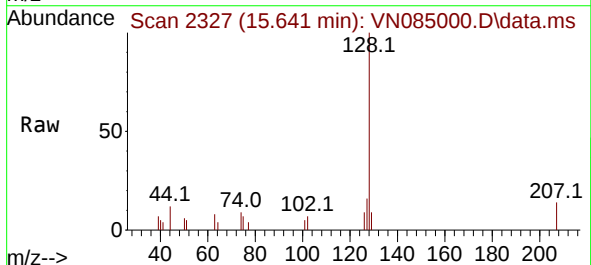


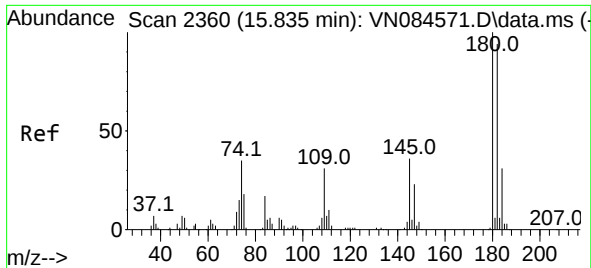
Tgt Ion:225 Resp: 693
Ion Ratio Lower Upper
225 100
223 63.9 32.4 97.2
227 54.8 32.4 97.0



#95
Naphthalene
Concen: 1.367 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

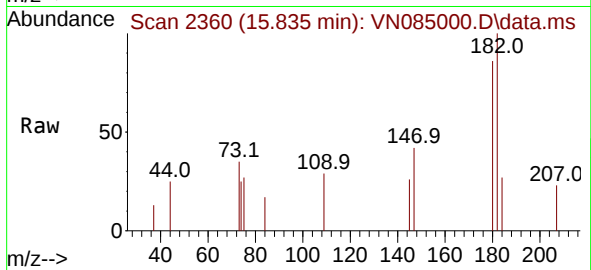
Tgt Ion:128 Resp: 8455
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 8.5 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.136 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085000.D
Acq: 21 Nov 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	180	Resp:	2280
Ion	Ratio	Lower	Upper
180	100		
182	102.9	48.2	144.6
145	32.6	17.3	51.9

