

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084801.D
 Acq On : 12 Nov 2024 17:13
 Operator : JC\MD
 Sample : P4799-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 02:33:16 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	169069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115886	47.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.920%
35) Dibromofluoromethane	8.159	113	79326	40.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.480%
50) Toluene-d8	10.565	98	342542	47.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.847	95	151733	56.608	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.220%

Target Compounds				Qvalue		
3) Chloromethane	2.353	50	547	Below Cal	#	41
6) Chloroethane	3.077	64	253	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	3258	10.108	ug/l #	73
16) Acetone	4.430	43	79666	111.359	ug/l	97
17) Carbon Disulfide	4.695	76	5507	0.929	ug/l #	75
18) Methyl Acetate	5.018	43	25490	6.413	ug/l	97
20) Methylene Chloride	5.265	84	4274	1.990	ug/l #	71
23) Vinyl Acetate	6.736	43	1011	0.236	ug/l #	72
25) 2-Butanone	7.488	43	2633	2.311	ug/l #	88
29) Tetrahydrofuran	7.841	42	176	0.233	ug/l #	34
31) Cyclohexane	8.218	56	5318	1.577	ug/l #	18
36) 1,1-Dichloropropene	8.218	75	13762	5.097	ug/l #	51
37) Ethyl Acetate	7.488	43	2633	1.075	ug/l #	76
38) Carbon Tetrachloride	8.224	117	17447	5.781	ug/l #	17
39) Methylcyclohexane	9.594	83	4208	1.532	ug/l	97
40) Benzene	8.600	78	102118	11.776	ug/l	98
42) 1,2-Dichloroethane	8.600	62	754	0.268	ug/l #	75
43) Isopropyl Acetate	8.677	43	5955	0.357	ug/l #	56
45) 1,2-Dichloropropane	9.600	63	488	0.240	ug/l #	1
48) Methyl methacrylate	9.665	41	2539	1.332	ug/l #	41
51) 4-Methyl-2-Pentanone	10.441	43	3794	1.625	ug/l	99
52) Toluene	10.624	92	4120	0.812	ug/l	80
55) 1,1,2-Trichloroethane	11.000	97	556	0.291	ug/l #	15
59) 2-Hexanone	11.165	43	64255	37.798	ug/l #	24
67) Ethyl Benzene	11.965	91	649449	65.282	ug/l	98
68) m/p-Xylenes	12.076	106	28794	7.645	ug/l	95
69) o-Xylene	12.394	106	17362	4.928	ug/l	93
70) Styrene	12.412	104	2860	0.465	ug/l #	1
71) Bromoform	12.847	173	802	0.514	ug/l #	1
73) Isopropylbenzene	12.694	105	294464	29.716	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	77743	27.504	ug/l #	1
78) n-propylbenzene	13.035	91	205958	17.736	ug/l	99
79) 2-Chlorotoluene	13.129	91	27882	3.675	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	114592	13.952	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.694	75	3661	3.073	ug/l #	63
82) 4-Chlorotoluene	13.170	91	11676	1.462	ug/l #	43

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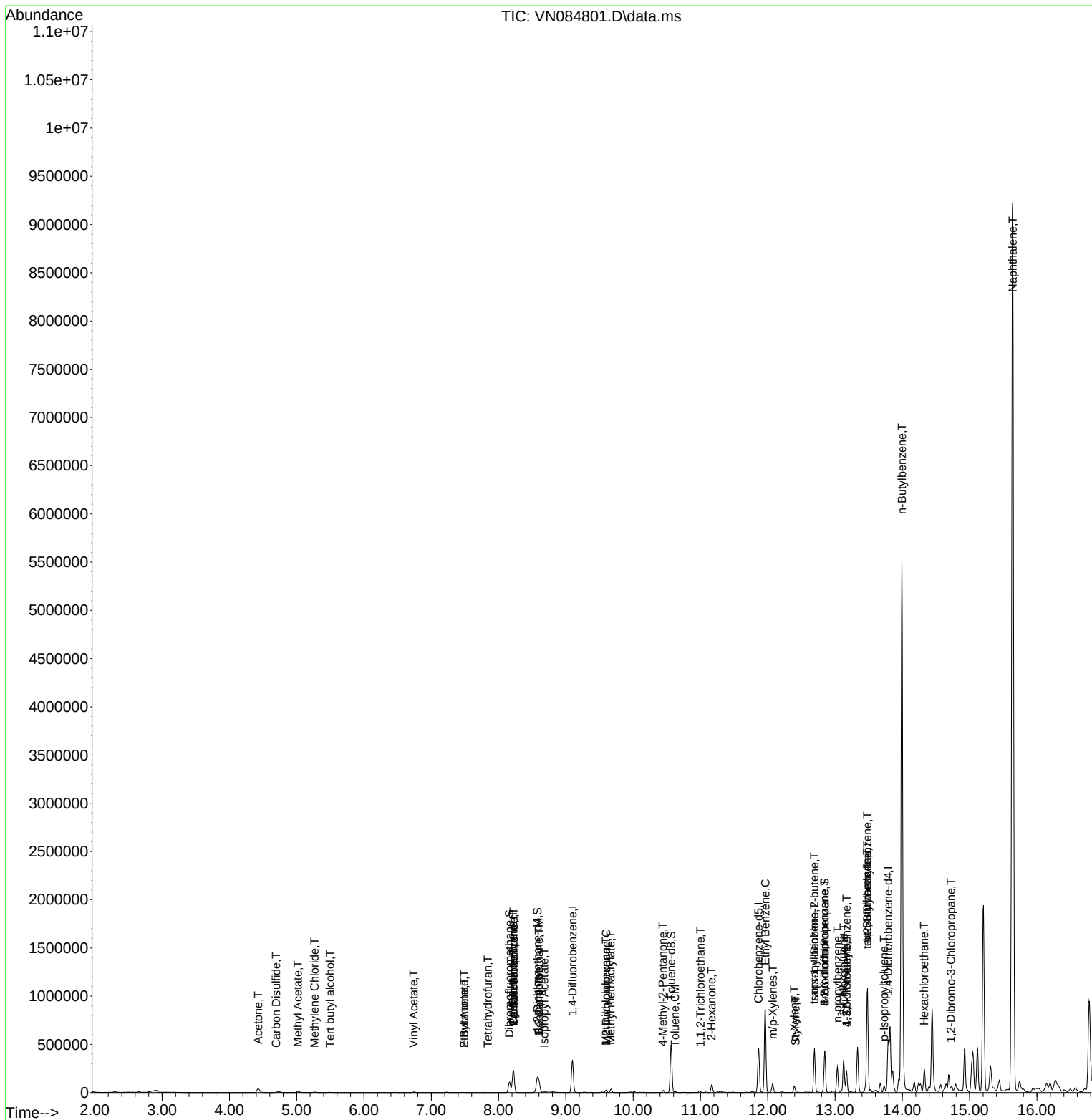
Instrument :
MSVOA_N
ClientSampleId :

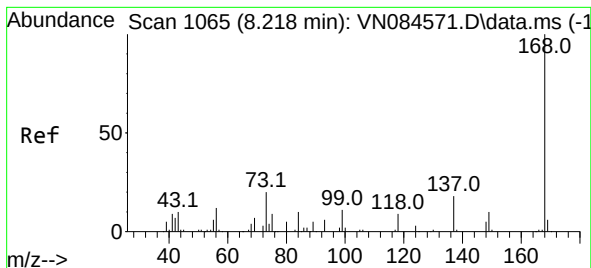
Quant Time: Nov 13 02:33:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.476	119	76889	11.312	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	626172	73.870	ug/l	99
85) sec-Butylbenzene	13.482	105	626172	65.215	ug/l #	57
86) p-Isopropyltoluene	13.729	119	22059	2.801	ug/l #	74
88) 1,4-Dichlorobenzene	13.812	146	525	Below Cal	#	24
89) n-Butylbenzene	13.994	91	543167	73.740	ug/l #	43
90) Hexachloroethane	14.323	117	22228	12.658	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.723	75	909	1.357	ug/l #	5
95) Naphthalene	15.641	128	8746118	1068.596	ug/l	100

(#) = 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# 1

Delta R.T. -0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

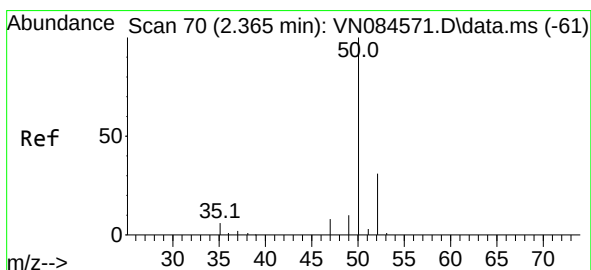
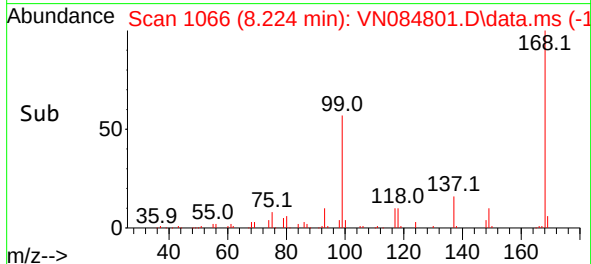
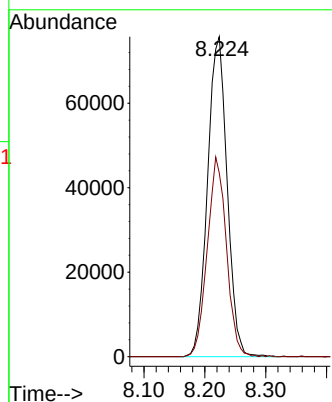
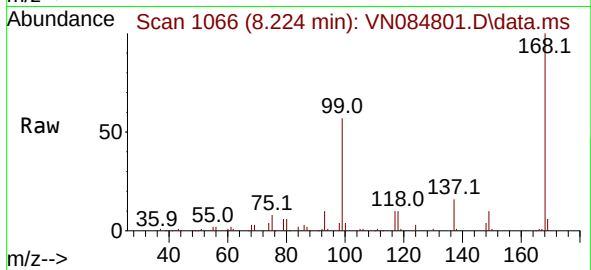
ClientSampleId :

Tgt Ion:168 Resp: 169069

Ion Ratio Lower Upper

168 100

99 57.5 54.2 81.2



#3

Chloromethane

Concen: Below Cal

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN084801.D

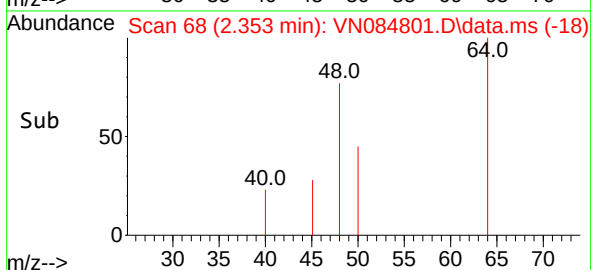
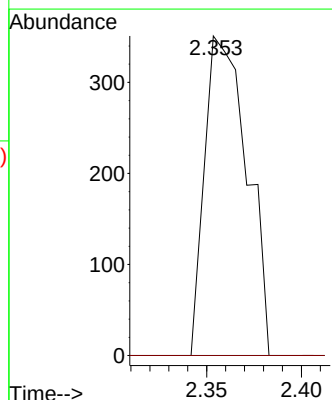
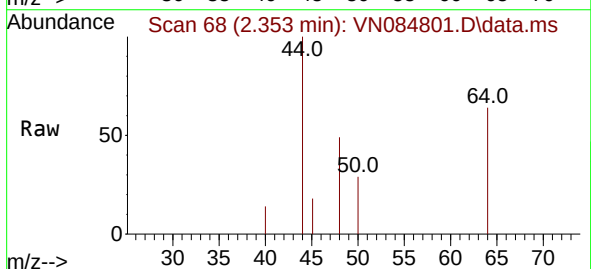
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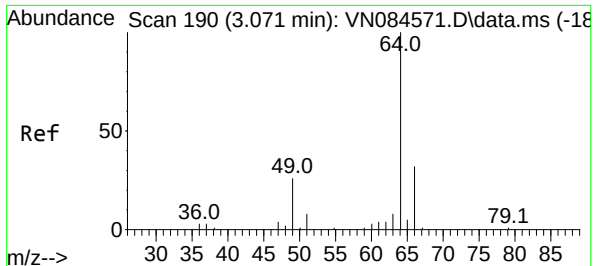
Tgt Ion: 50 Resp: 547

Ion Ratio Lower Upper

50 100

52 0.0 26.8 40.2#

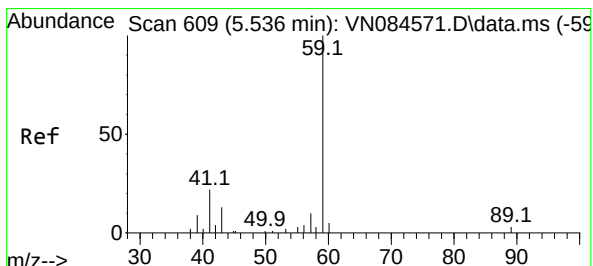
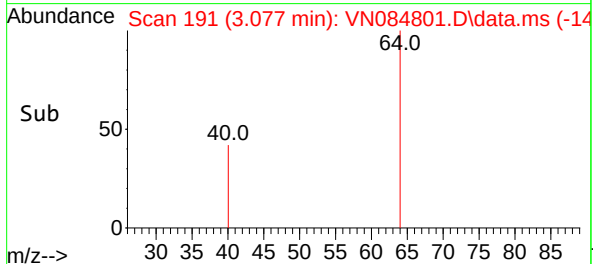
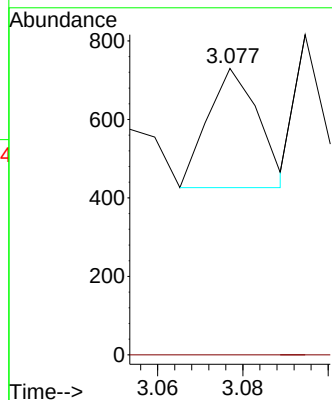
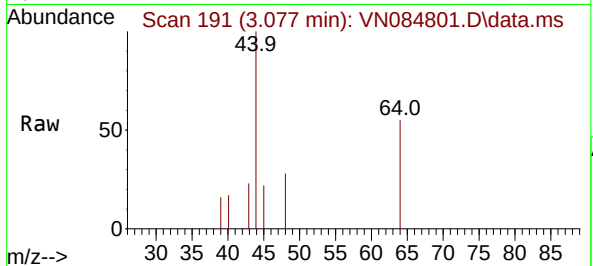




#6
Chloroethane
Concen: Below Cal
RT: 3.077 min Scan# 19
Delta R.T. -0.041 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

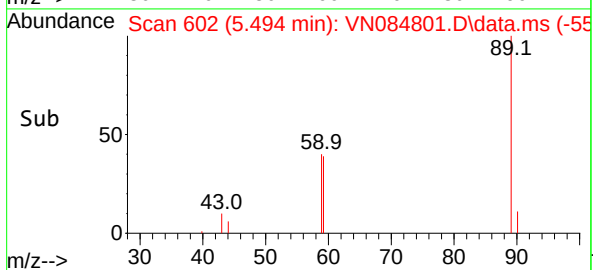
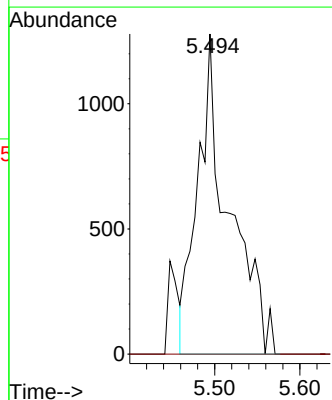
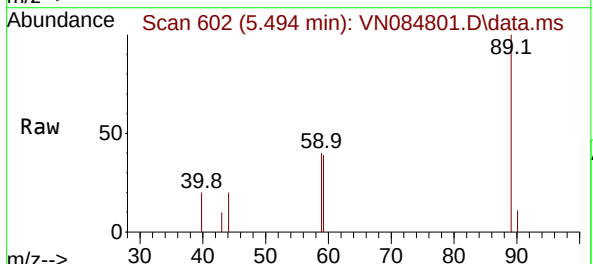
Instrument :
MSVOA_N
ClientSampleId :

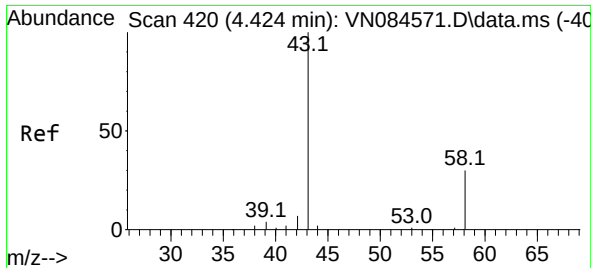
Tgt Ion: 64 Resp: 253
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 10.108 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 59 Resp: 3258
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

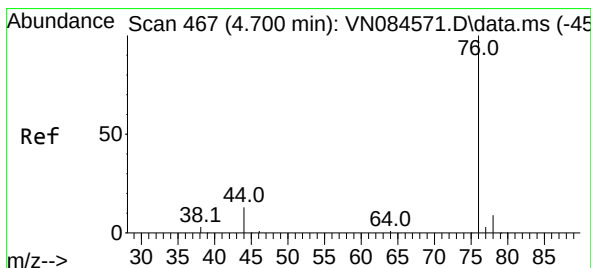
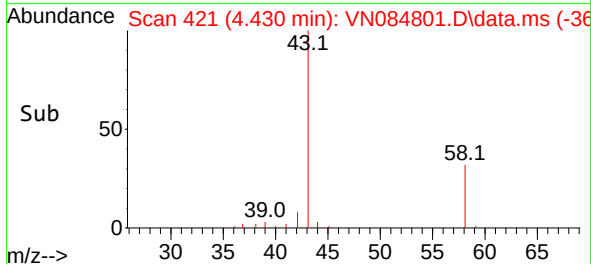
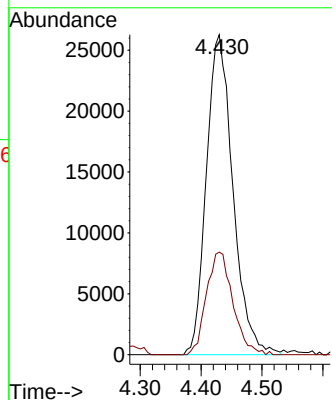
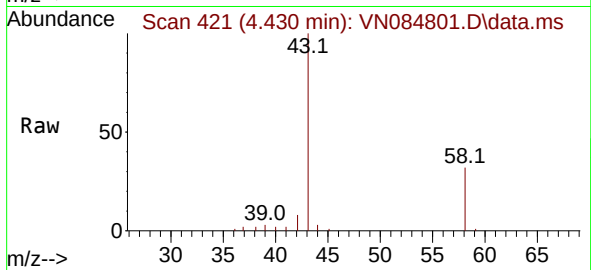




#16
Acetone
Concen: 111.359 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

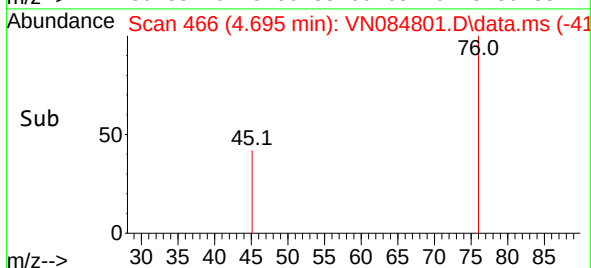
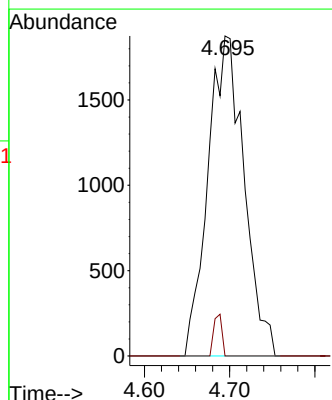
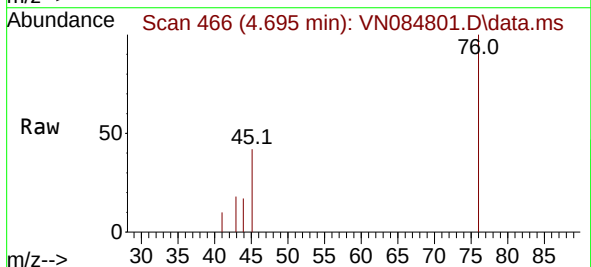
Instrument :
MSVOA_N
ClientSampleId :

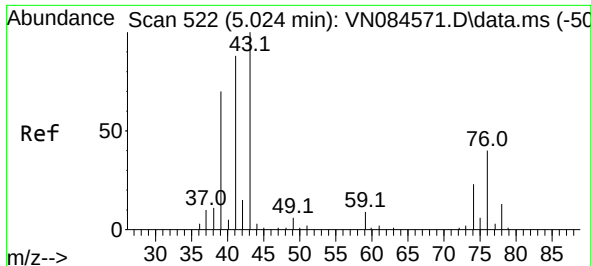
Tgt Ion: 43 Resp: 79666
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6



#17
Carbon Disulfide
Concen: 0.929 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 76 Resp: 5507
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

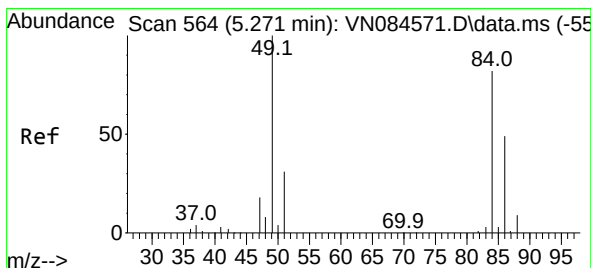
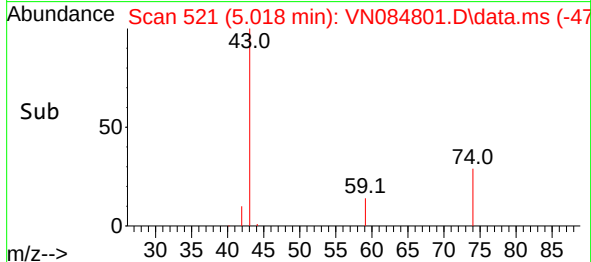
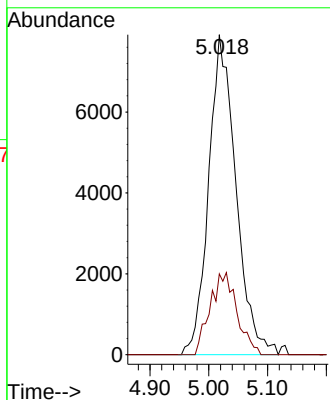
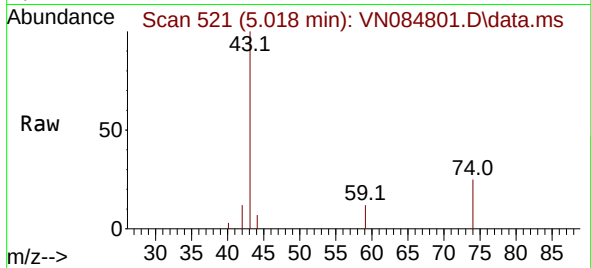




#18
Methyl Acetate
Concen: 6.413 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

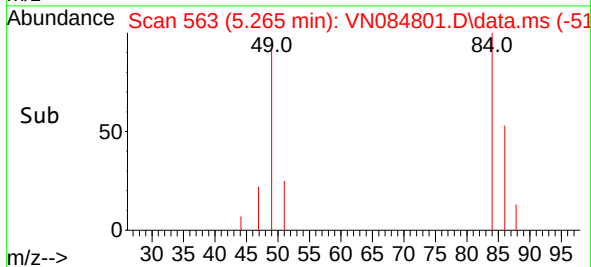
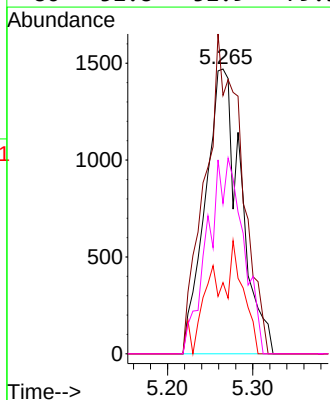
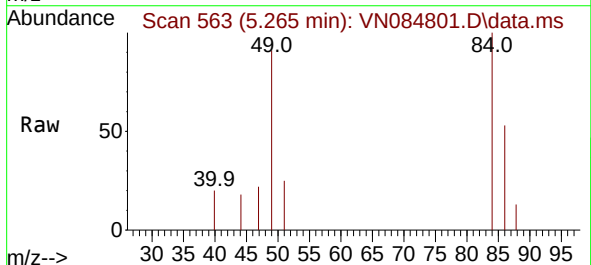
Instrument :
MSVOA_N
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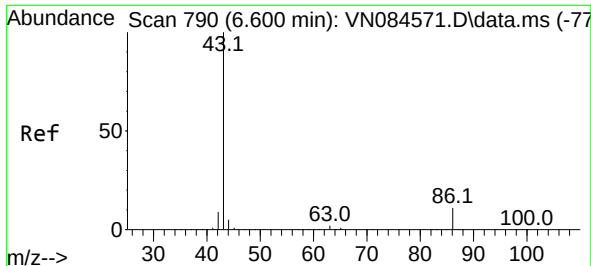
Tgt Ion: 43 Resp: 25490
Ion Ratio Lower Upper
43 100
74 25.3 19.2 28.8



#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 84 Resp: 4274
Ion Ratio Lower Upper
84 100
49 90.7 107.2 160.8#
51 25.0 31.8 47.8#
86 52.8 52.9 79.3#

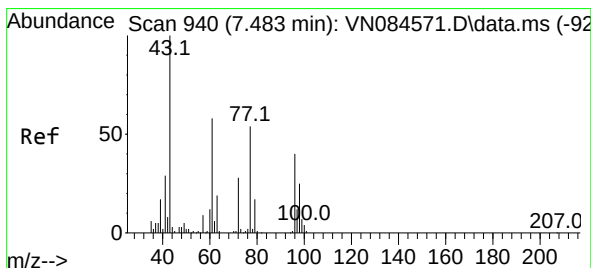
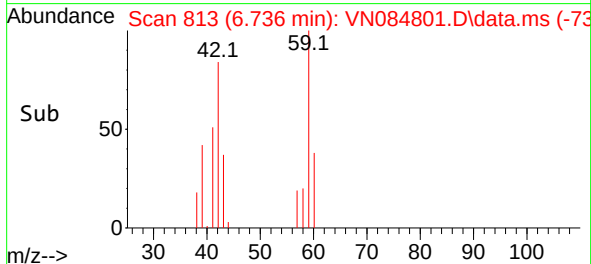
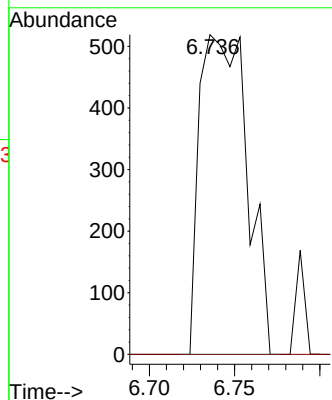
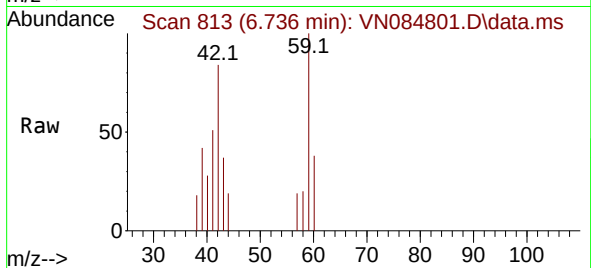




#23
Vinyl Acetate
Concen: 0.236 ug/l
RT: 6.736 min Scan# 81
Delta R.T. 0.135 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

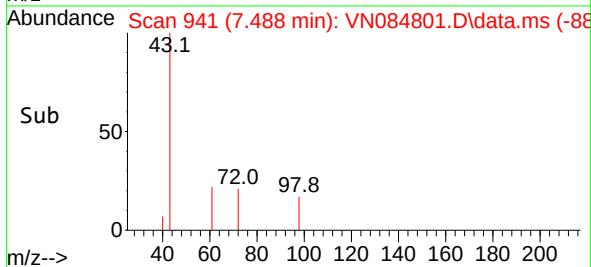
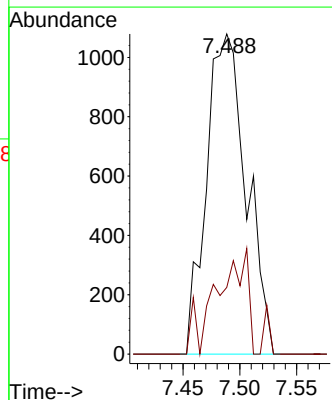
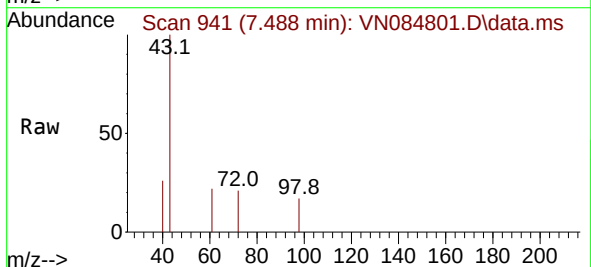
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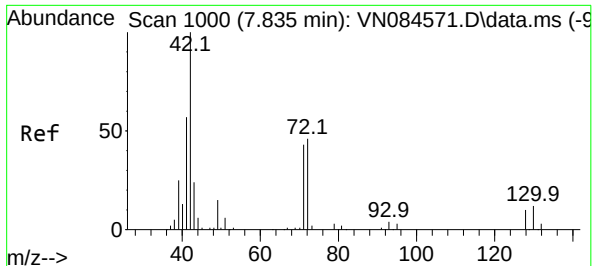
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#



#25
2-Butanone
Concen: 2.311 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
72 20.9 21.4 32.2#





#29

Tetrahydrofuran

Concen: 0.233 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.006 min

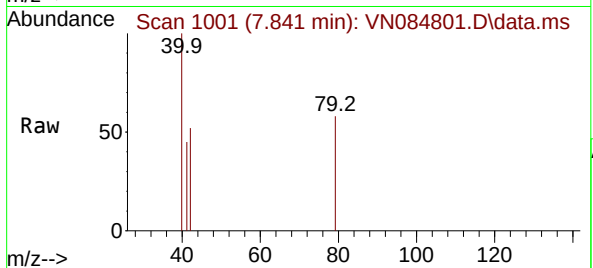
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Instrument :

MSVOA_N

ClientSampleId :



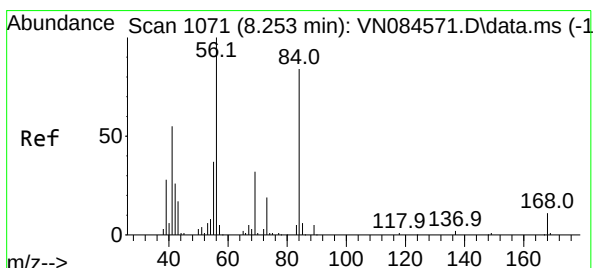
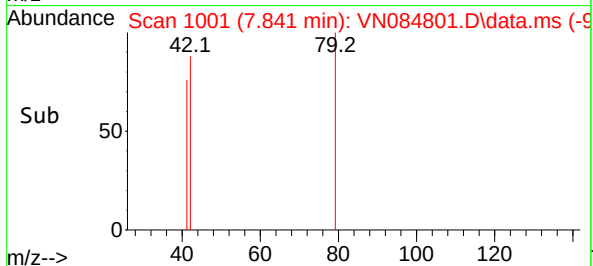
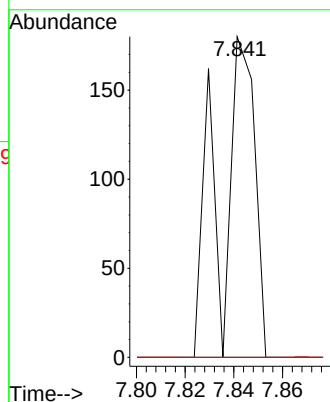
Tgt Ion: 42 Resp: 176

Ion Ratio Lower Upper

42 100

72 0.0 34.6 51.8#

71 0.0 32.2 48.4#



#31

Cyclohexane

Concen: 1.577 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

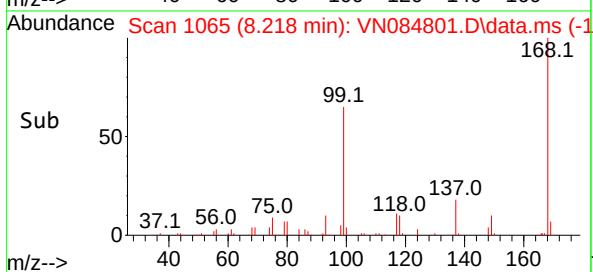
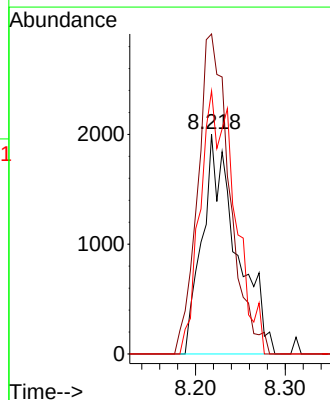
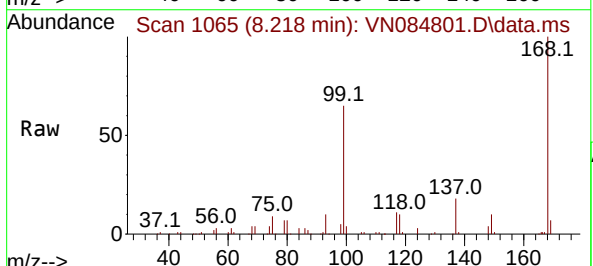
Tgt Ion: 56 Resp: 5318

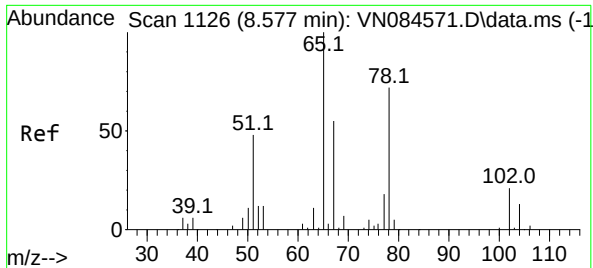
Ion Ratio Lower Upper

56 100

69 145.7 23.8 35.6#

84 119.7 68.8 103.2#

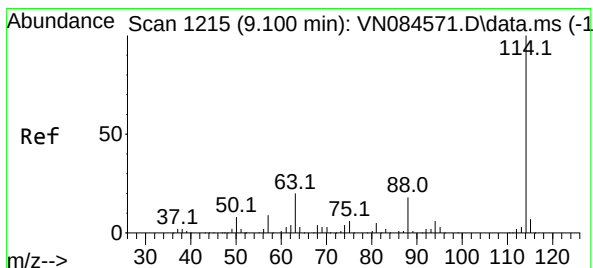
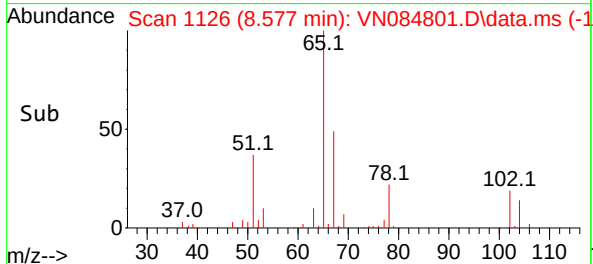
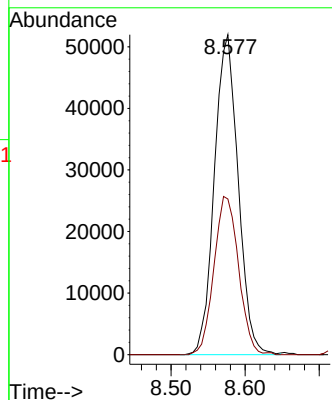
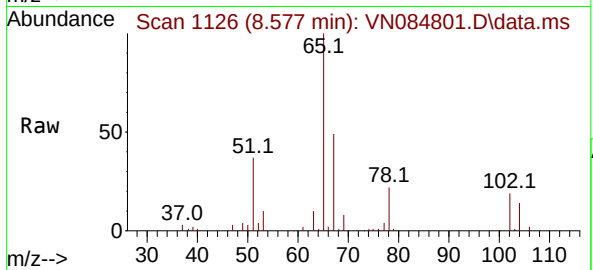




#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084801.D
 Acq: 12 Nov 2024 17:13

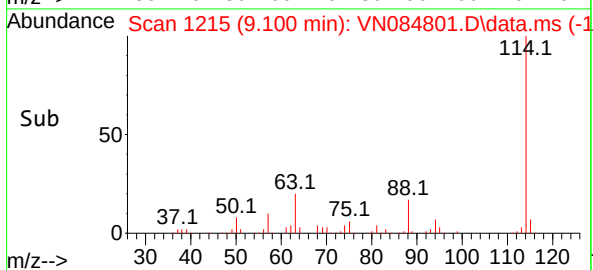
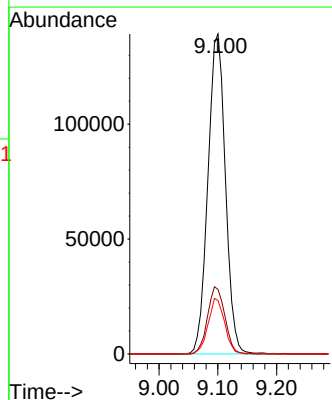
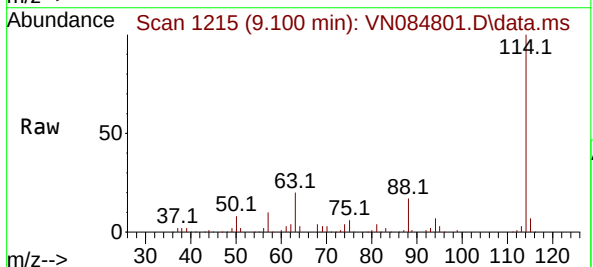
Instrument :
 MSVOA_N
 ClientSampleId :

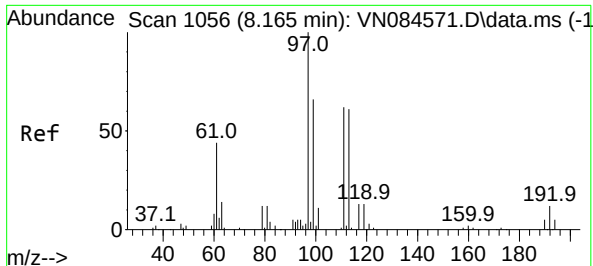
Tgt Ion: 65 Resp: 115886
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084801.D
 Acq: 12 Nov 2024 17:13

Tgt Ion: 114 Resp: 287640
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.8
 88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 40.743 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

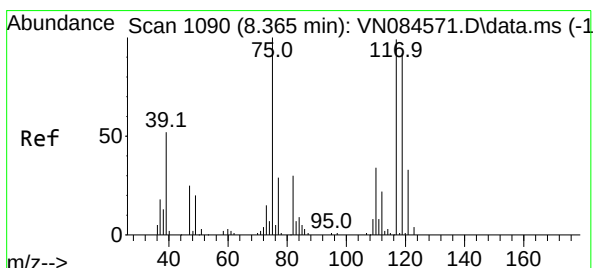
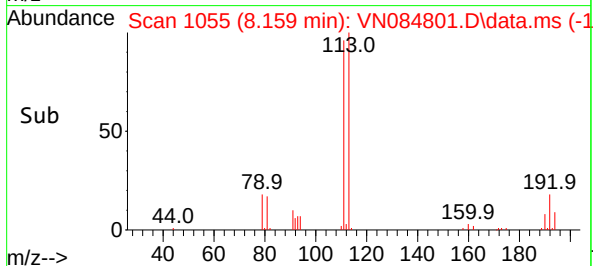
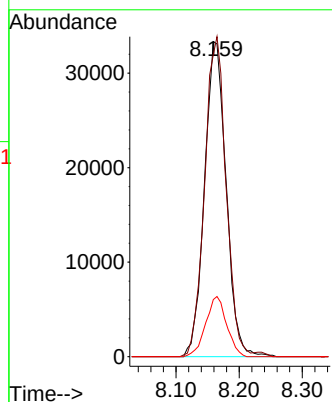
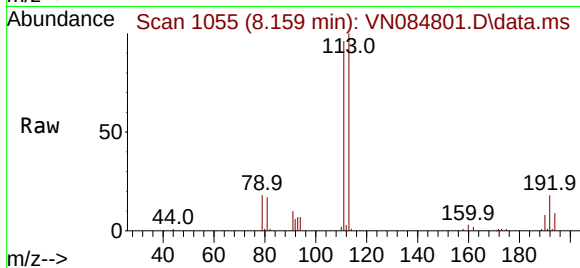
Tgt Ion:113 Resp: 79326

Ion Ratio Lower Upper

113 100

111 100.7 83.3 124.9

192 18.5 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.097 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

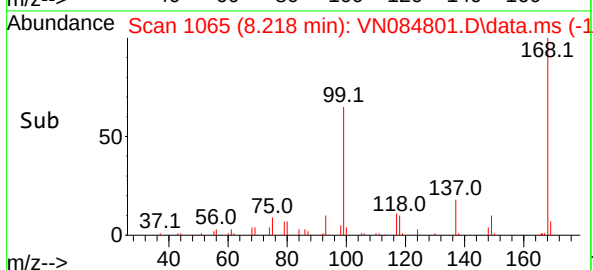
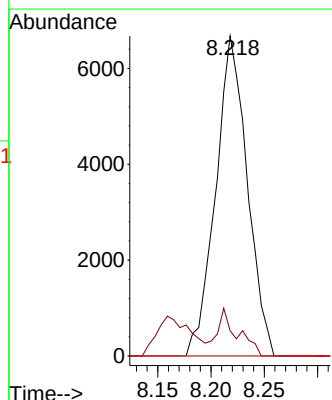
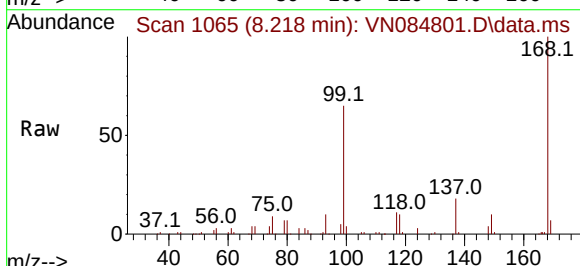
Tgt Ion: 75 Resp: 13762

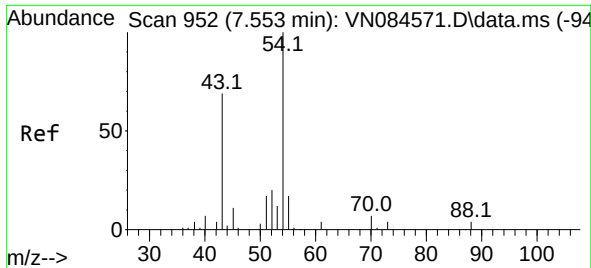
Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

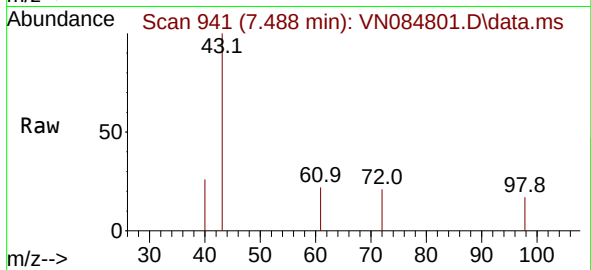
77 0.0 24.7 37.1#



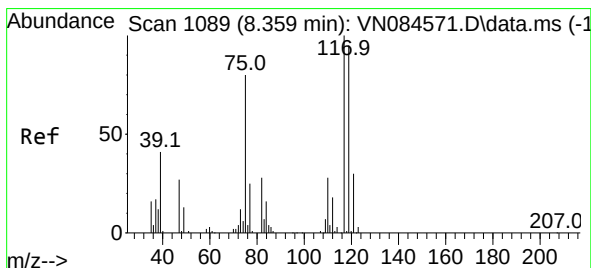
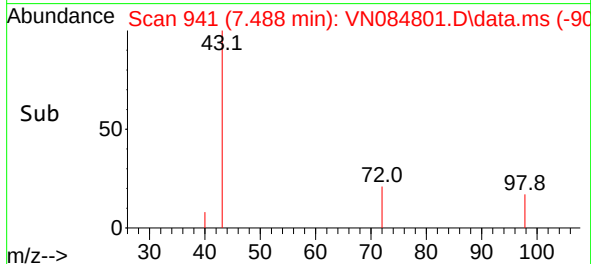
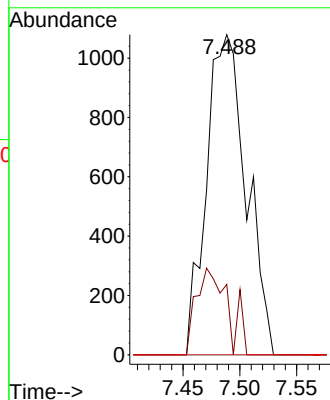


#37
Ethyl Acetate
Concen: 1.075 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

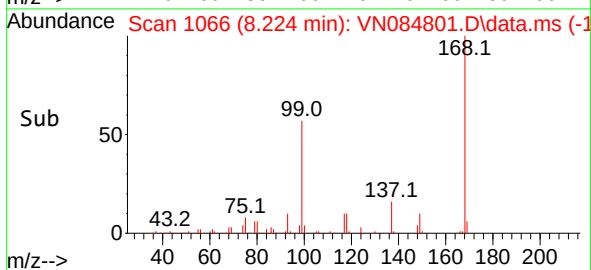
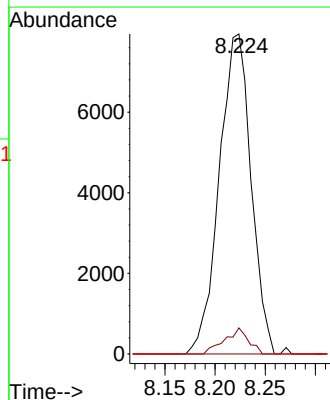
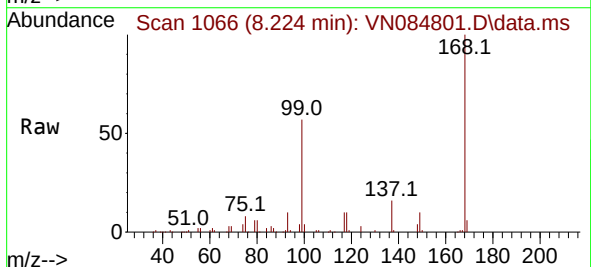


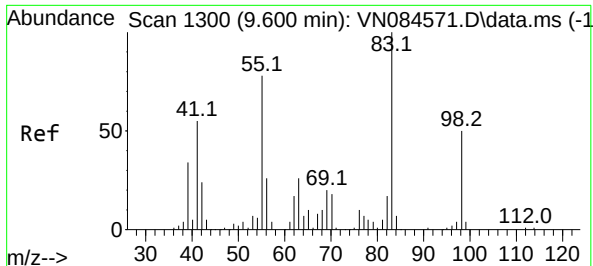
Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
61 21.6 10.7 16.1#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 117 Resp: 17447
Ion Ratio Lower Upper
117 100
119 8.1 78.7 118.1#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.532 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

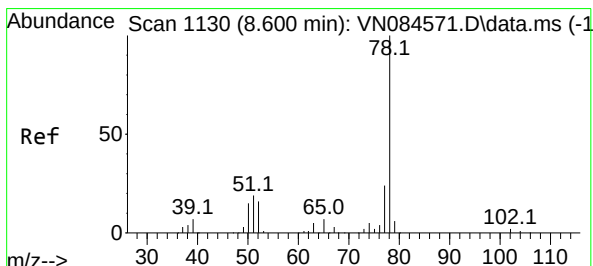
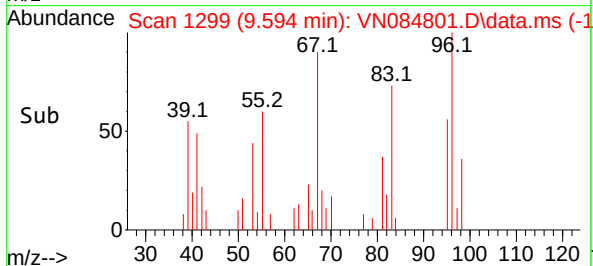
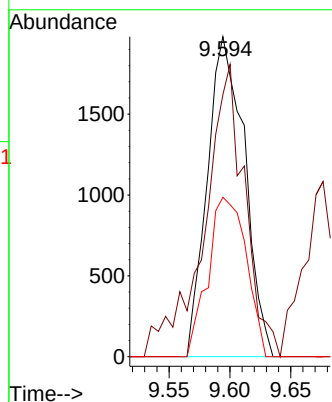
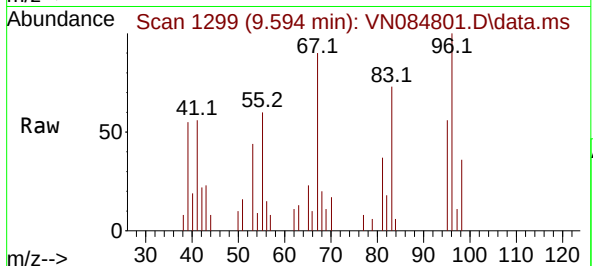
Tgt Ion: 83 Resp: 4208

Ion Ratio Lower Upper

83 100

55 81.9 62.8 94.2

98 49.8 38.8 58.2



#40

Benzene

Concen: 11.776 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084801.D

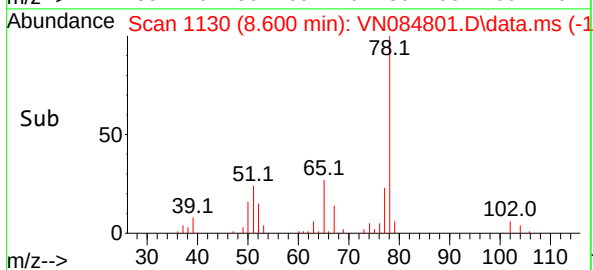
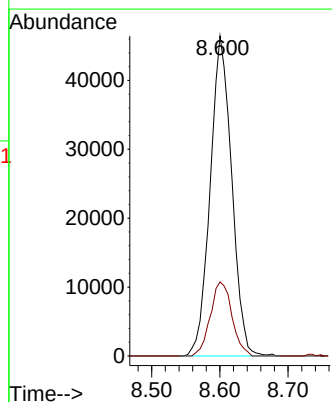
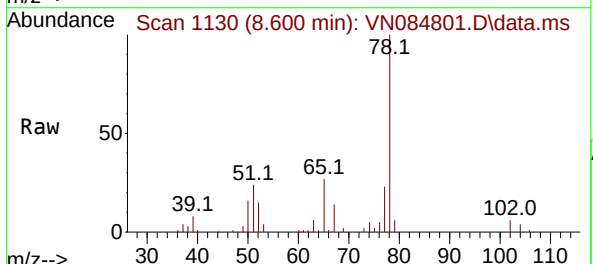
Acq: 12 Nov 2024 17:13

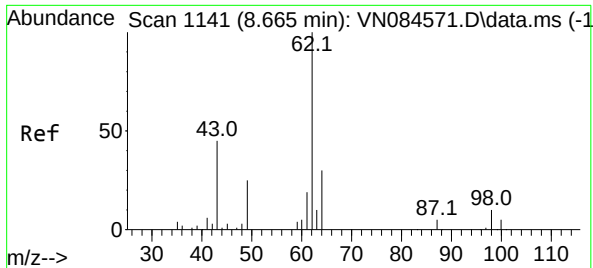
Tgt Ion: 78 Resp: 102118

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

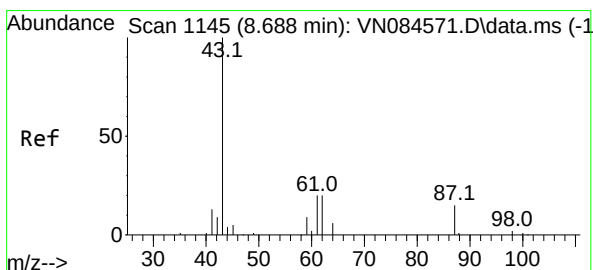
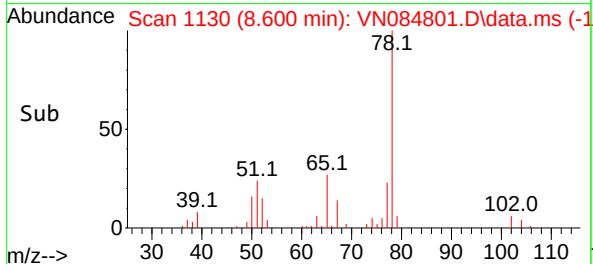
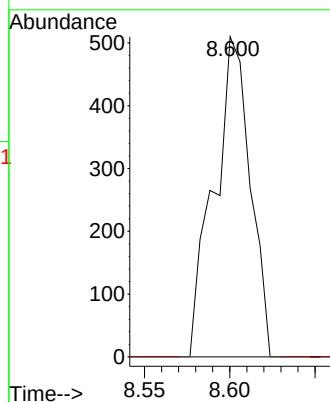
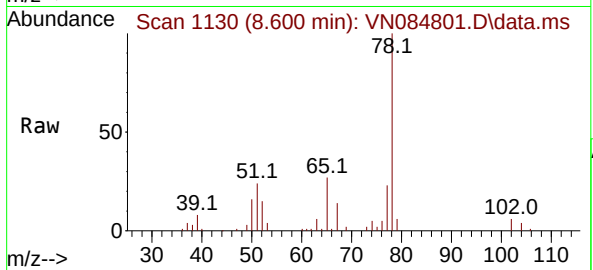




#42
1,2-Dichloroethane
Concen: 0.268 ug/l
RT: 8.600 min Scan# 1141
Delta R.T. -0.071 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

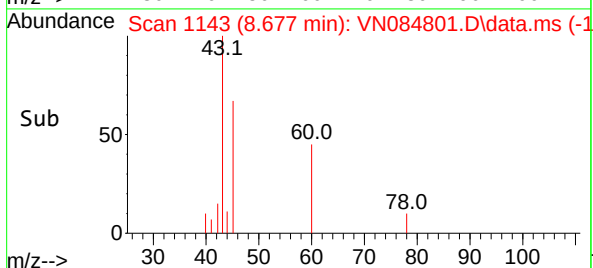
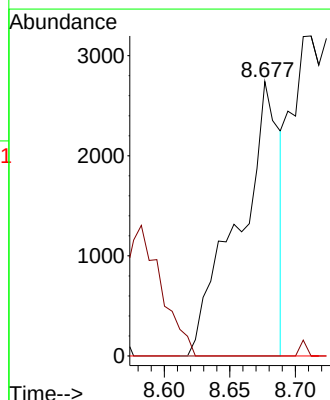
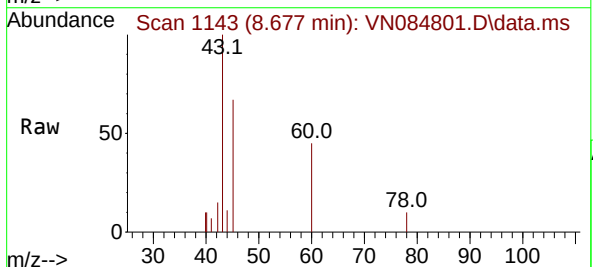
Instrument :
MSVOA_N
ClientSampleId :

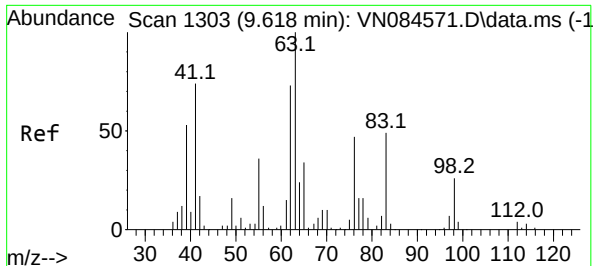
Tgt Ion: 62 Resp: 754
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 0.357 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 43 Resp: 5955
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.240 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

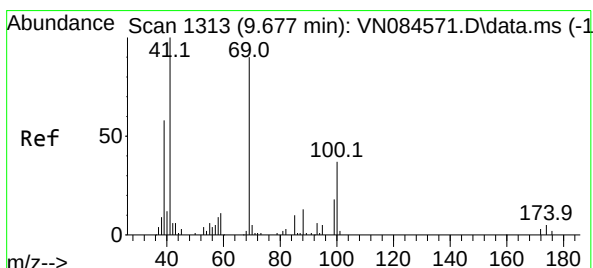
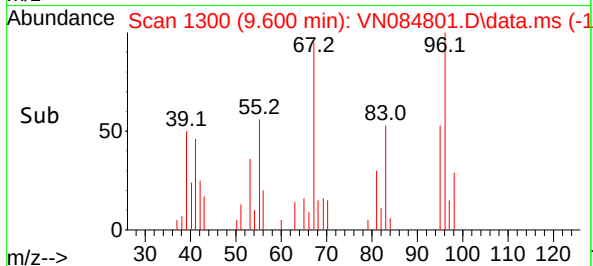
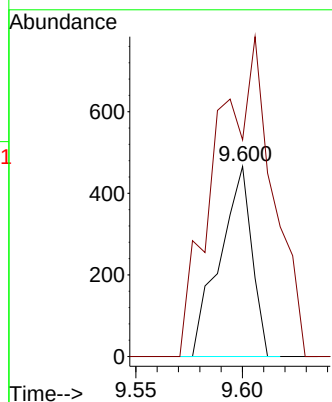
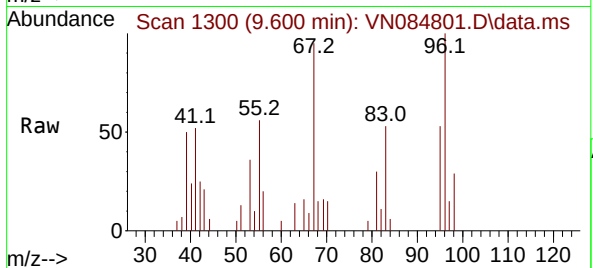
ClientSampleId :

Tgt Ion: 63 Resp: 488

Ion Ratio Lower Upper

63 100

65 113.9 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.332 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.012 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

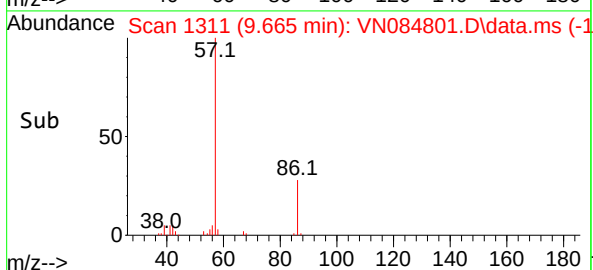
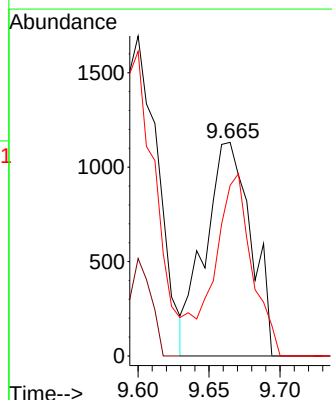
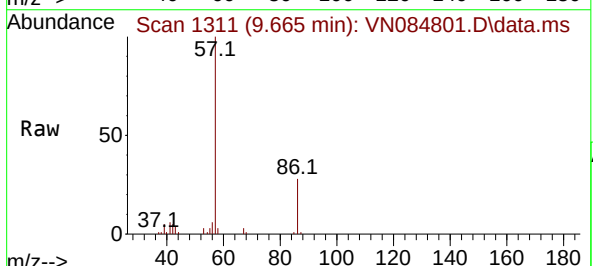
Tgt Ion: 41 Resp: 2539

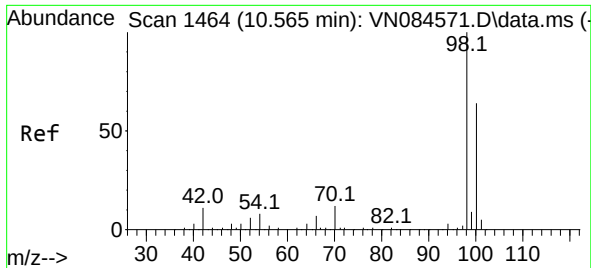
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 65.2 45.8 68.6

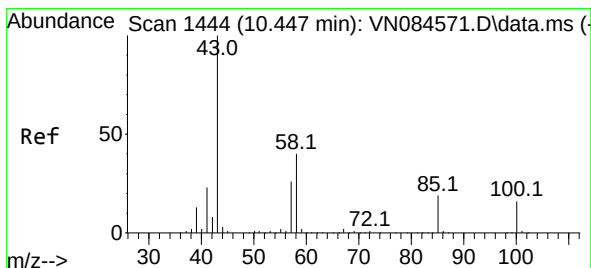
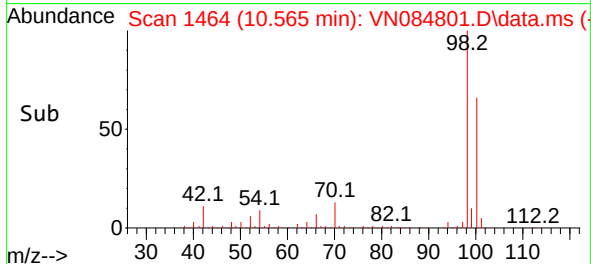
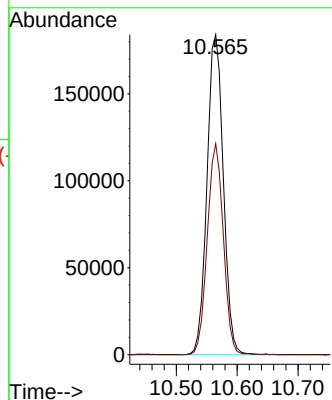
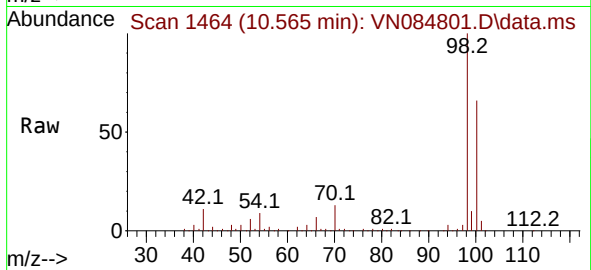




#50
Toluene-d8
Concen: 47.761 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

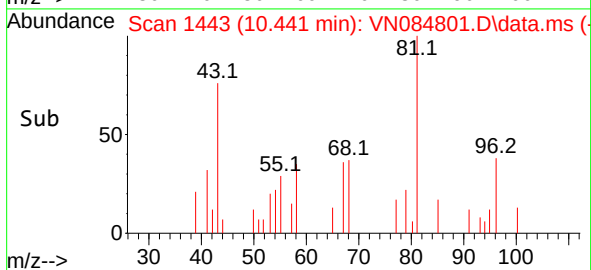
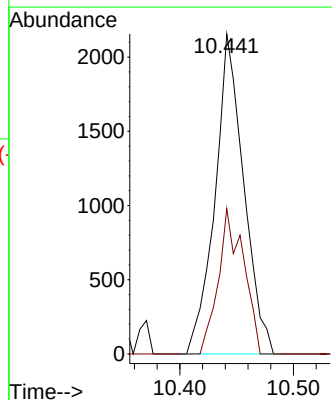
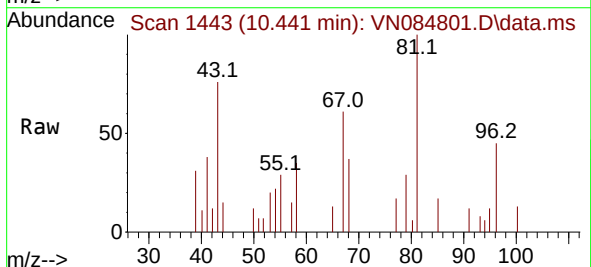
Instrument :
MSVOA_N
ClientSampleId :

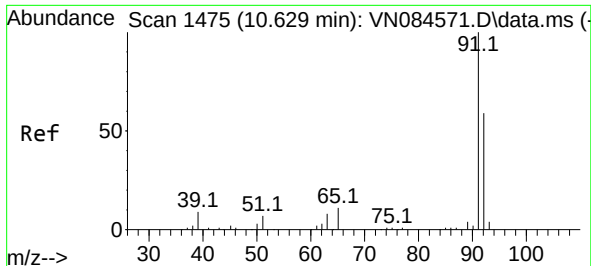
Tgt Ion: 98 Resp: 342542
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.625 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 43 Resp: 3794
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4

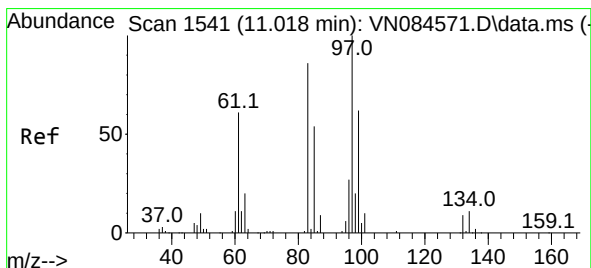
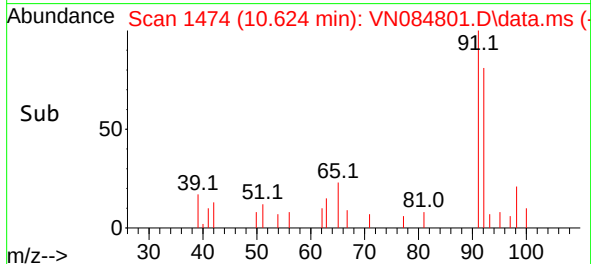
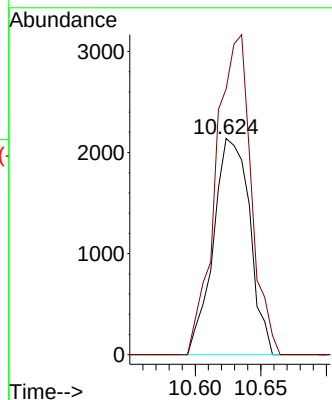
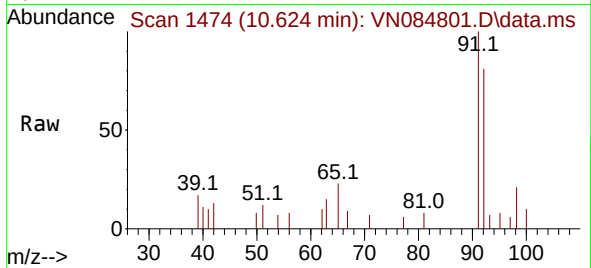




#52
Toluene
Concen: 0.812 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

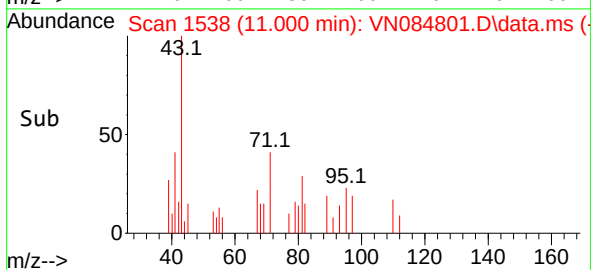
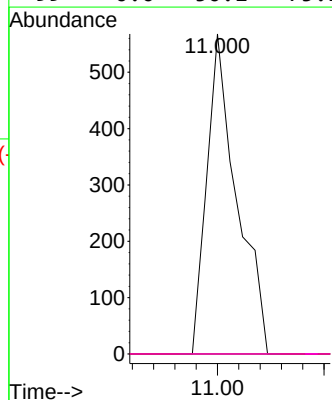
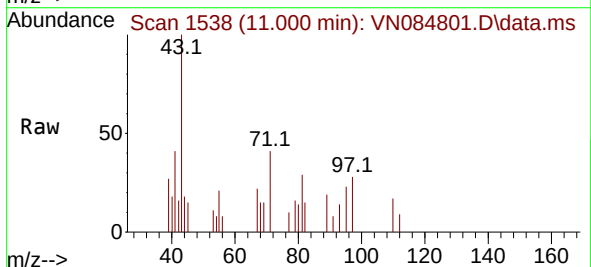
Instrument :
MSVOA_N
ClientSampleId :

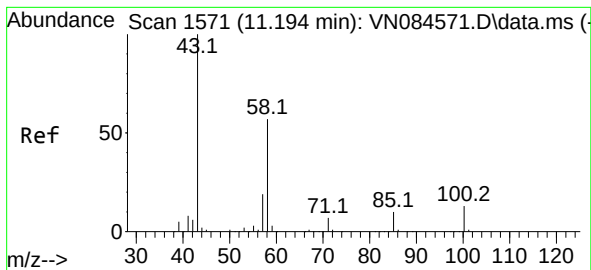
Tgt Ion: 92 Resp: 4120
Ion Ratio Lower Upper
92 100
91 143.7 137.3 205.9



#55
1,1,2-Trichloroethane
Concen: 0.291 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 97 Resp: 556
Ion Ratio Lower Upper
97 100
83 0.0 71.0 106.4#
85 0.0 41.7 62.5#
99 0.0 50.1 75.1#

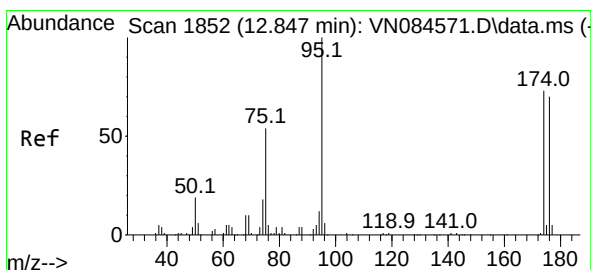
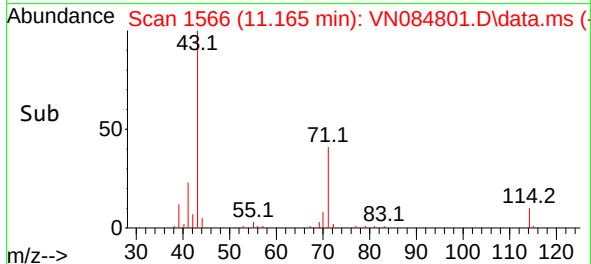
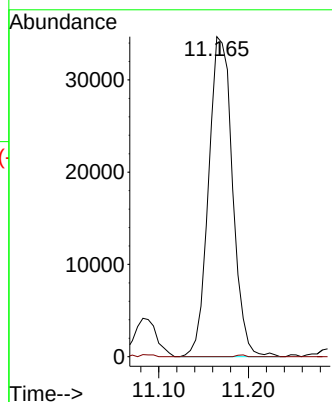
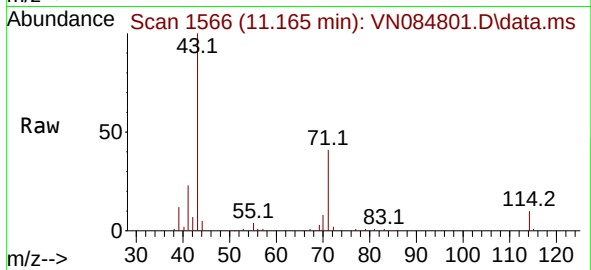




#59
2-Hexanone
Concen: 37.798 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.029 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

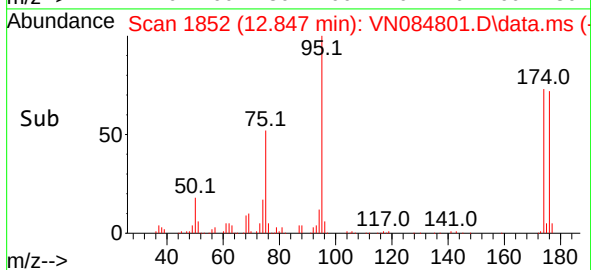
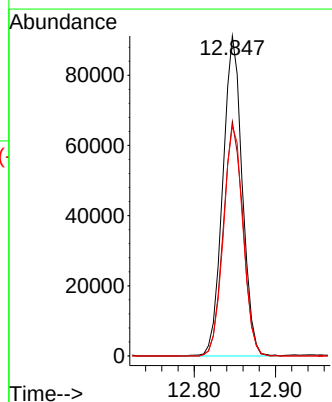
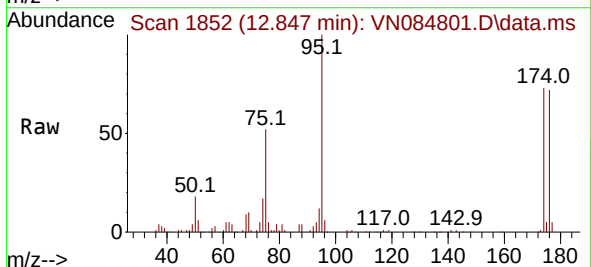
Instrument :
MSVOA_N
ClientSampleId :

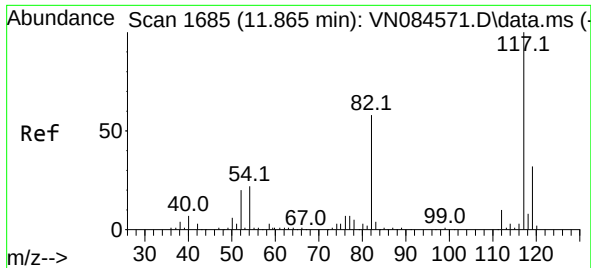
Tgt Ion: 43 Resp: 64255
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 56.608 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 95 Resp: 151733
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 72.7 0.0 140.0

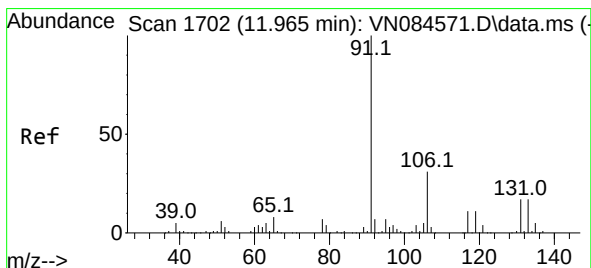
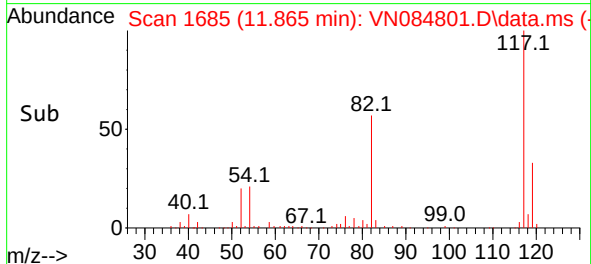
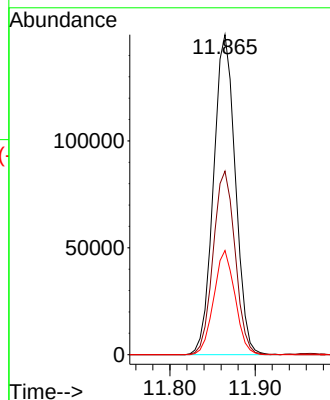
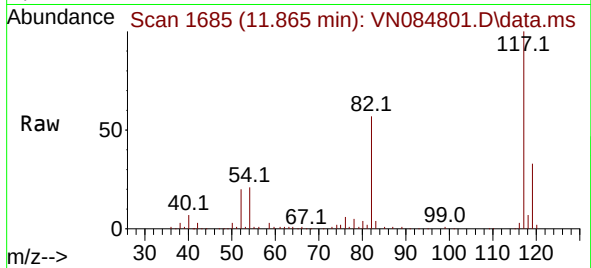




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

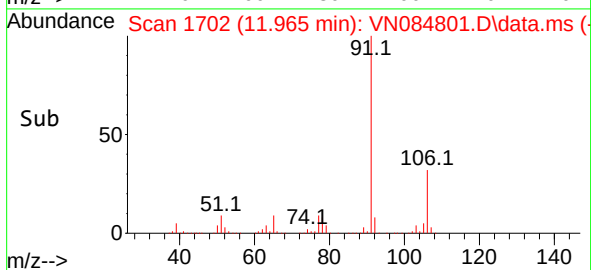
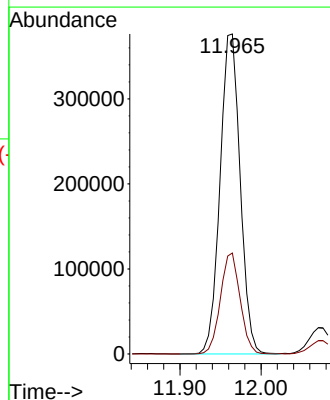
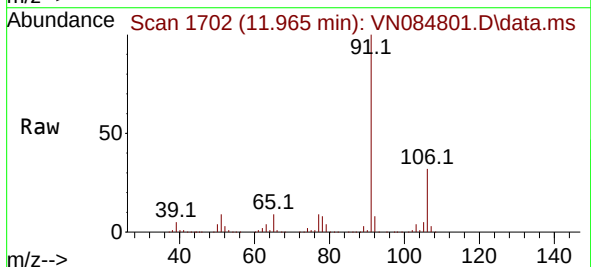
Instrument :
MSVOA_N
ClientSampleId :

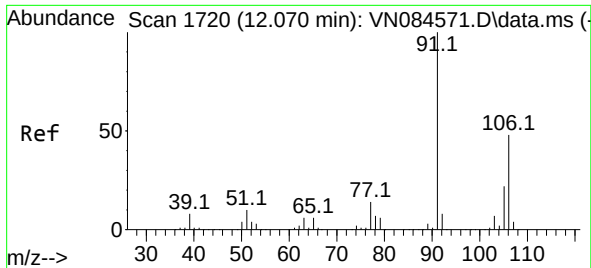
Tgt Ion:117 Resp: 266403
Ion Ratio Lower Upper
117 100
82 57.4 47.2 70.8
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 65.282 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 91 Resp: 649449
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

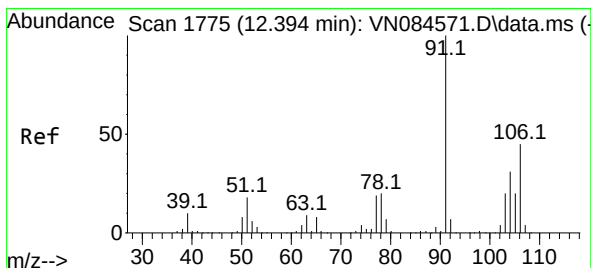
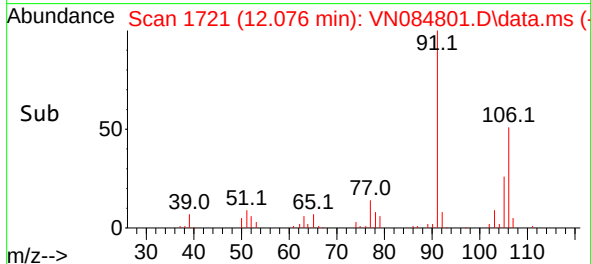
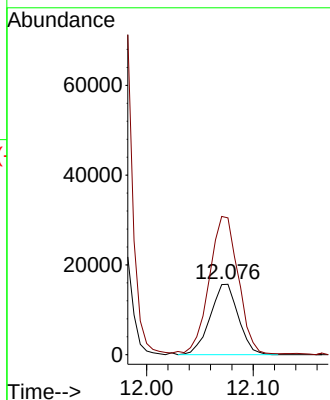
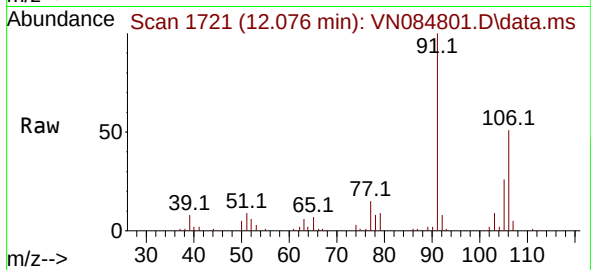




#68
m/p-Xylenes
Concen: 7.645 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

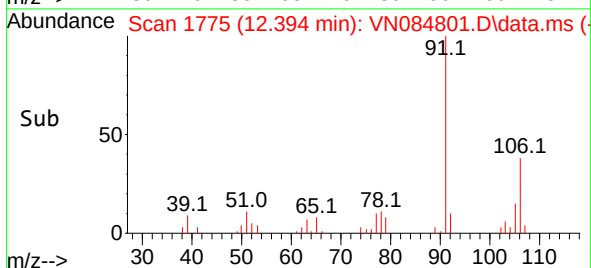
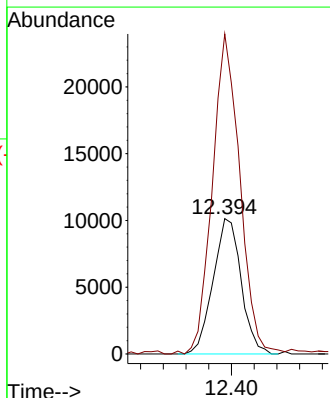
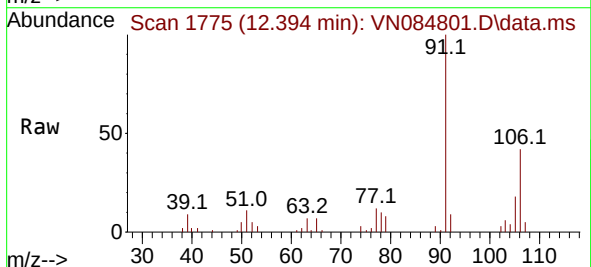
Instrument :
MSVOA_N
ClientSampleId :

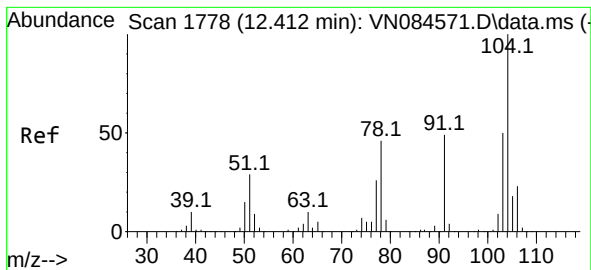
Tgt Ion:106 Resp: 28794
Ion Ratio Lower Upper
106 100
91 200.8 167.1 250.7



#69
o-Xylene
Concen: 4.928 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion:106 Resp: 17362
Ion Ratio Lower Upper
106 100
91 231.3 110.2 330.6





#70

Styrene

Concen: 0.465 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084801.D

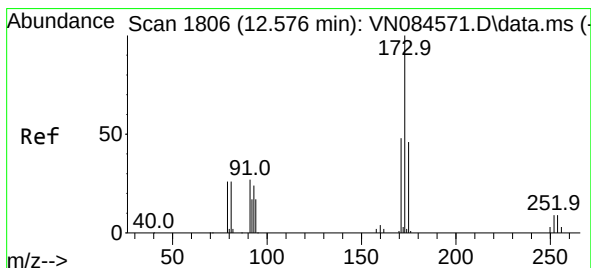
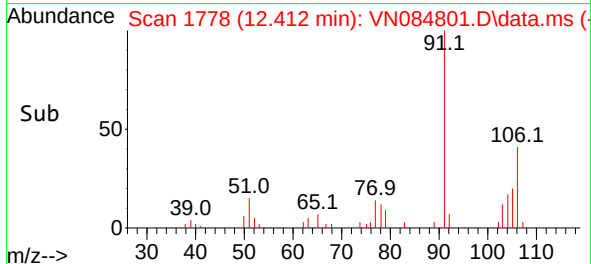
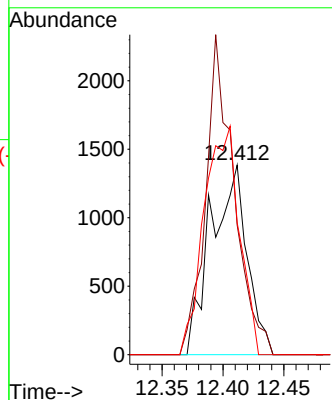
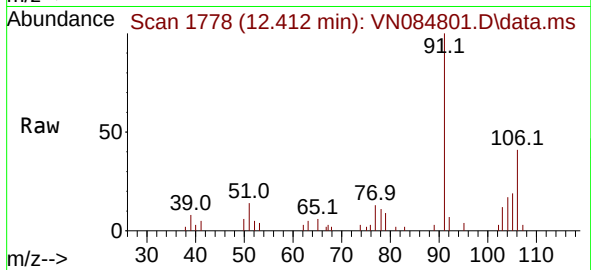
Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	2860
Ion Ratio	Lower	Upper	
104	100		
78	132.2	42.7	64.1#
103	117.1	43.6	65.4#



#71

Bromoform

Concen: 0.514 ug/l

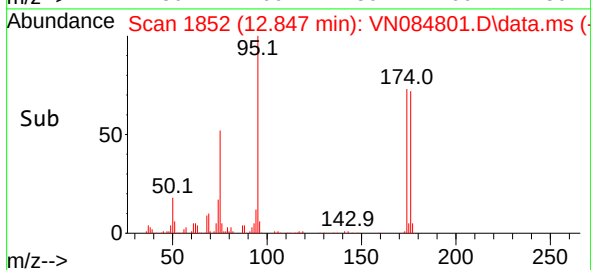
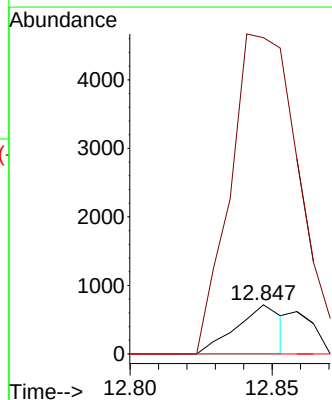
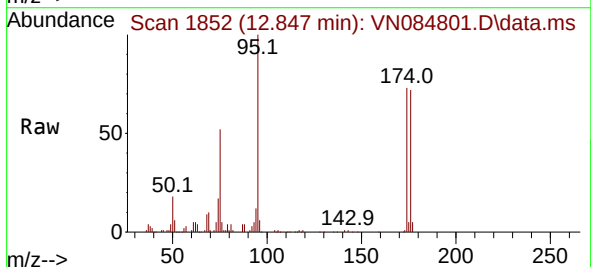
RT: 12.847 min Scan# 1852

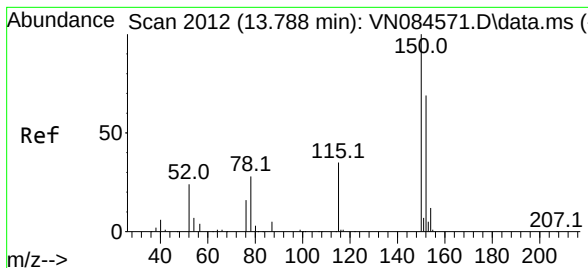
Delta R.T. 0.271 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Tgt Ion:	173	Resp:	802
Ion Ratio	Lower	Upper	
173	100		
175	759.1	23.5	70.6#
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min MSVOA_N

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

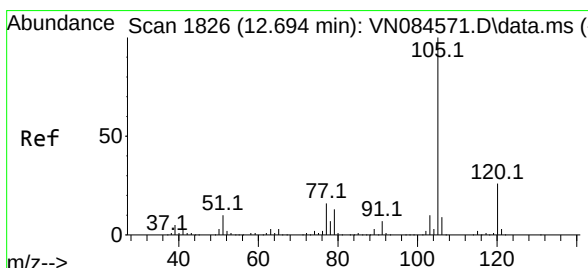
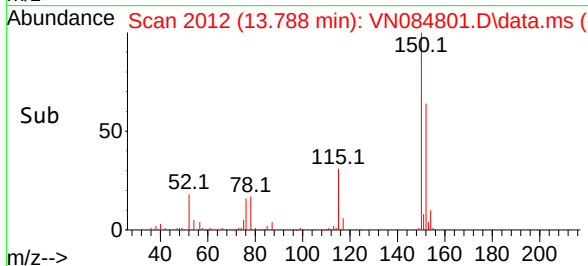
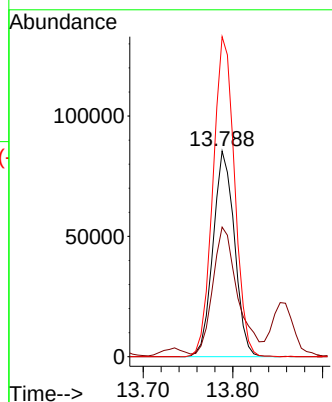
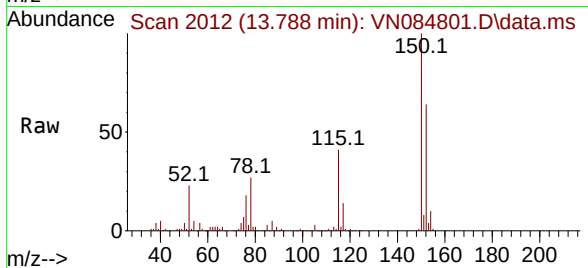
Tgt Ion:152 Resp: 141406

Ion Ratio Lower Upper

152 100

115 70.7 31.3 93.9

150 157.4 0.0 349.8



#73

Isopropylbenzene

Concen: 29.716 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084801.D

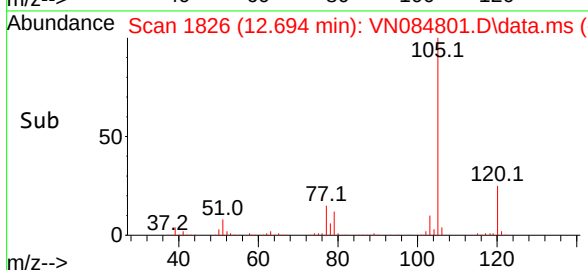
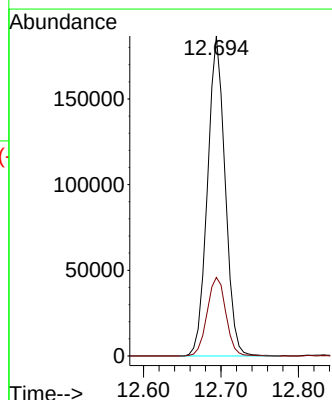
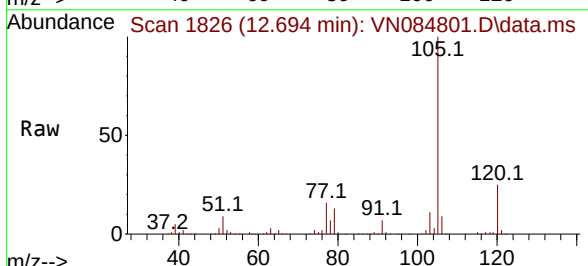
Acq: 12 Nov 2024 17:13

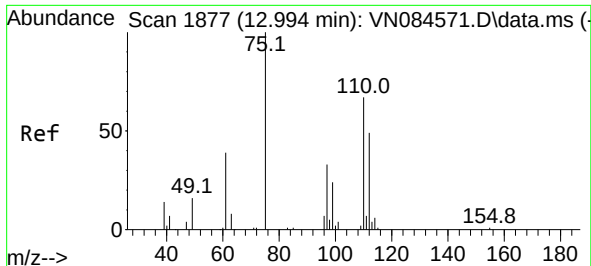
Tgt Ion:105 Resp: 294464

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7

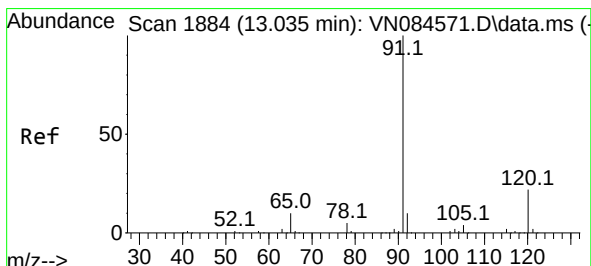
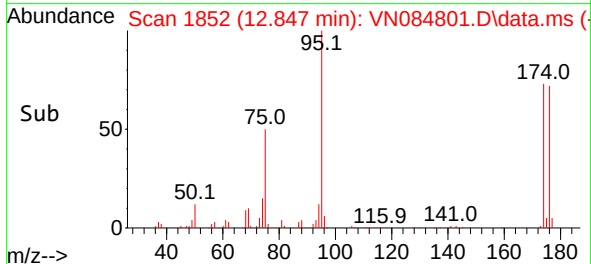
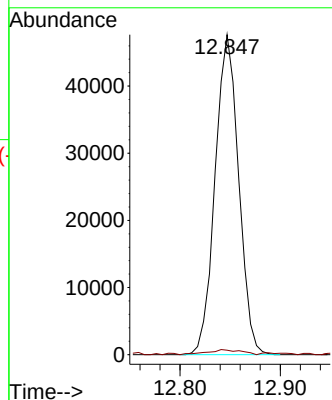
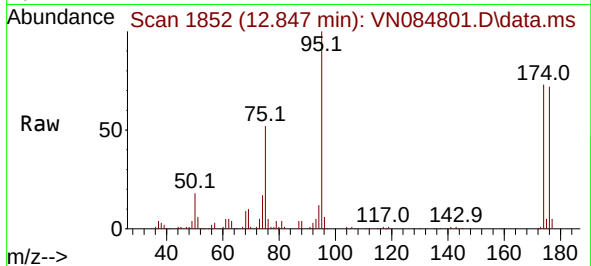




#76
1,2,3-Trichloropropane
Concen: 27.504 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

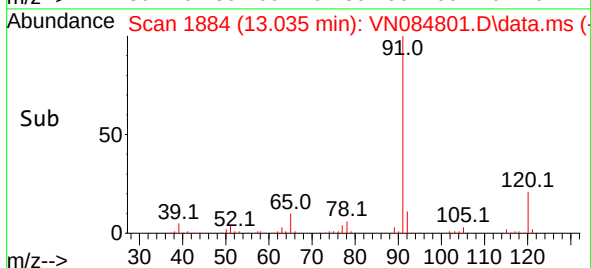
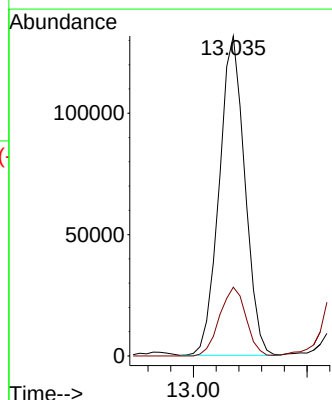
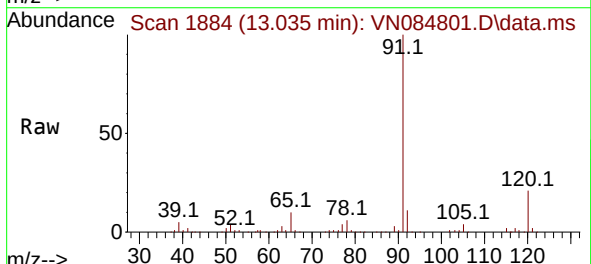
Instrument :
MSVOA_N
ClientSampleId :

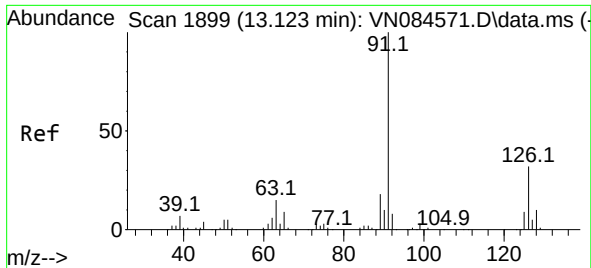
Tgt Ion: 75 Resp: 77743
Ion Ratio Lower Upper
75 100
77 2.3 96.9 290.7#



#78
n-propylbenzene
Concen: 17.736 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 91 Resp: 205958
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4

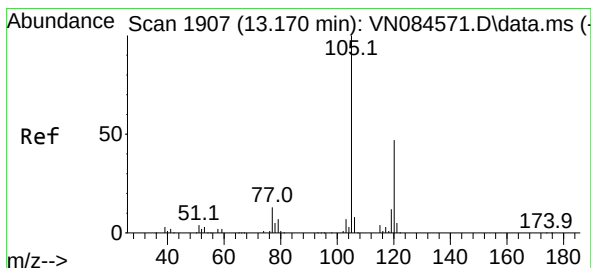
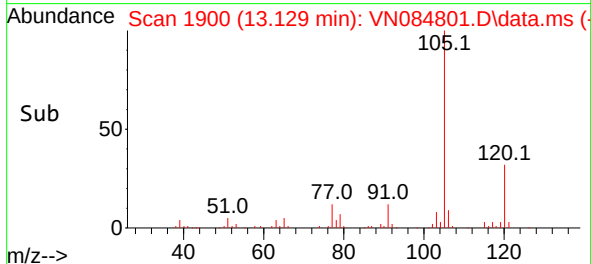
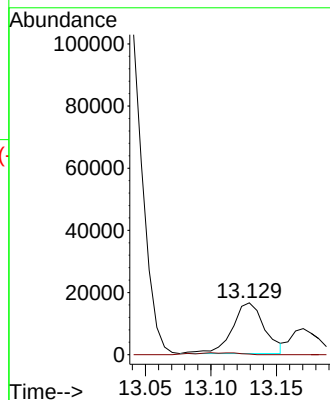
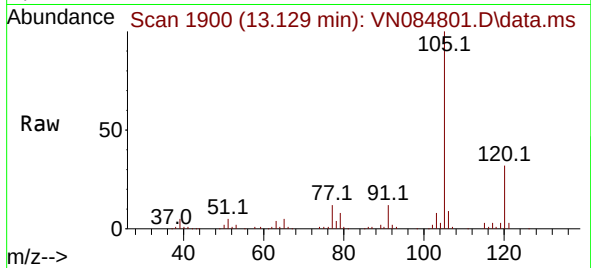




#79
2-Chlorotoluene
Concen: 3.675 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

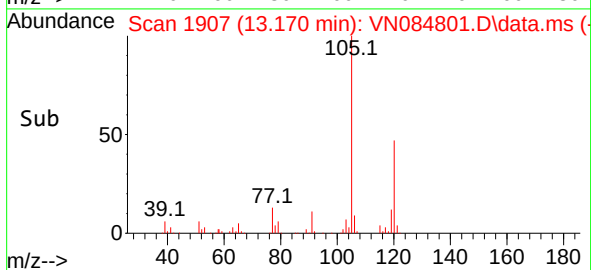
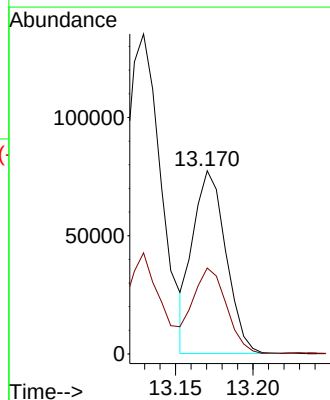
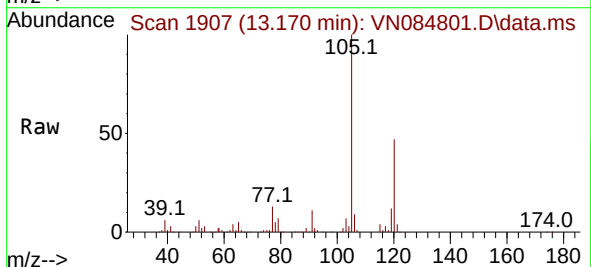
Instrument :
MSVOA_N
ClientSampleId :

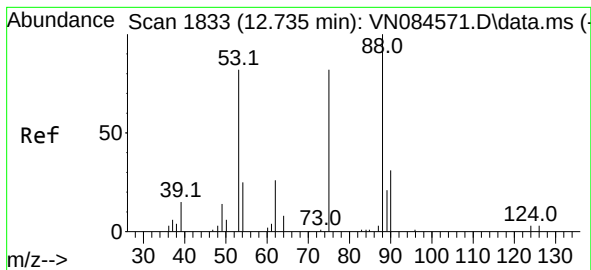
Tgt Ion: 91 Resp: 27882
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#80
1,3,5-Trimethylbenzene
Concen: 13.952 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion:105 Resp: 114592
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1

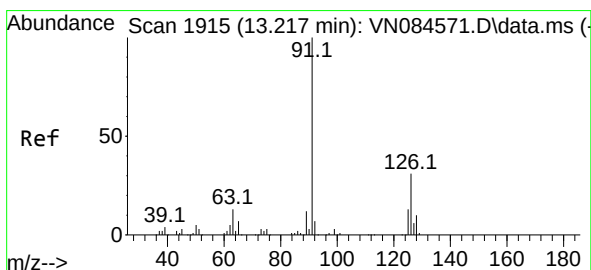
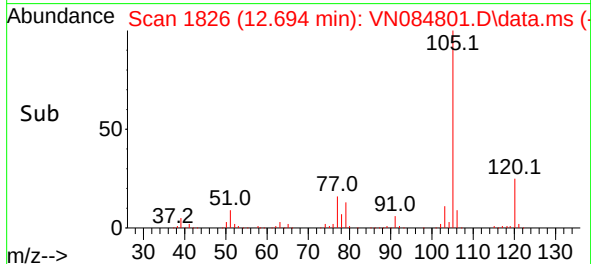
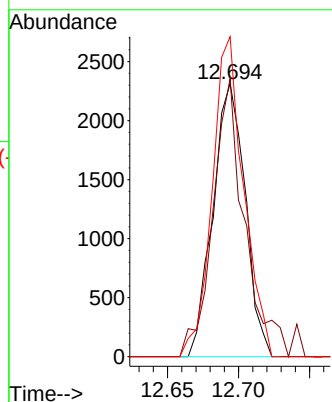
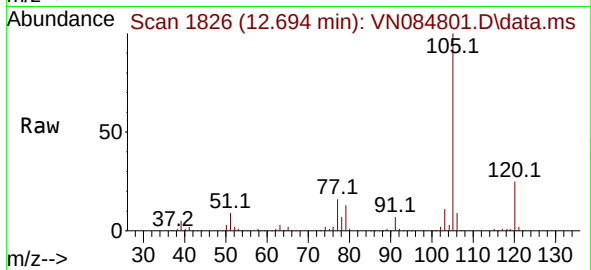




#81
trans-1,4-Dichloro-2-butene
Concen: 3.073 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

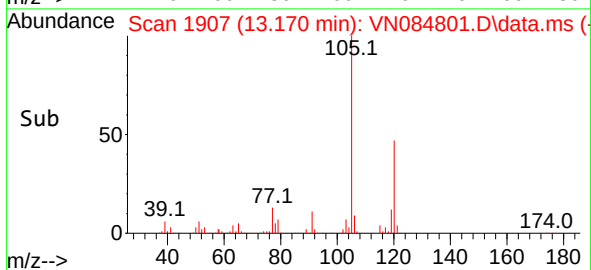
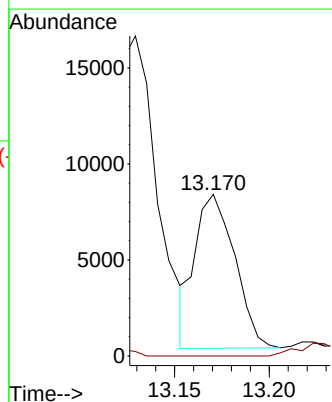
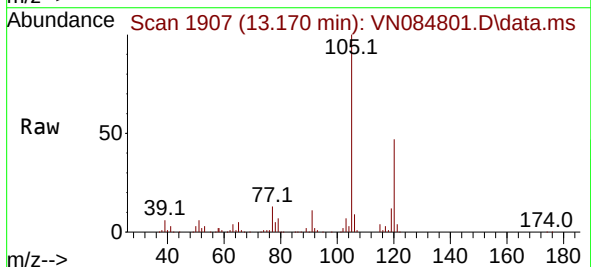
Instrument :
MSVOA_N
ClientSampleId :

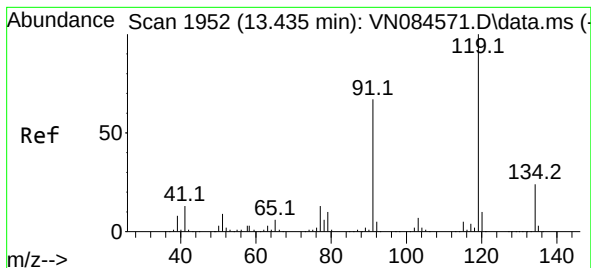
Tgt Ion: 75 Resp: 3661
Ion Ratio Lower Upper
75 100
53 102.5 78.0 117.0
89 114.1 35.5 53.3#



#82
4-Chlorotoluene
Concen: 1.462 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 91 Resp: 11676
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#





#83

tert-Butylbenzene

Concen: 11.312 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

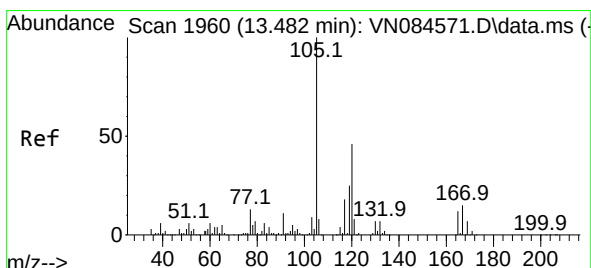
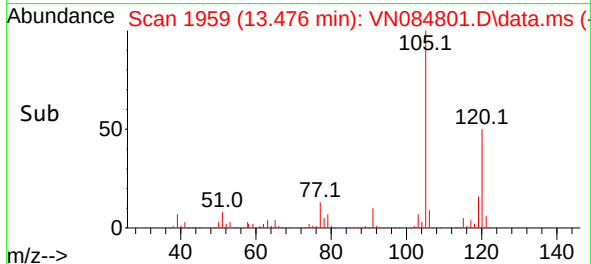
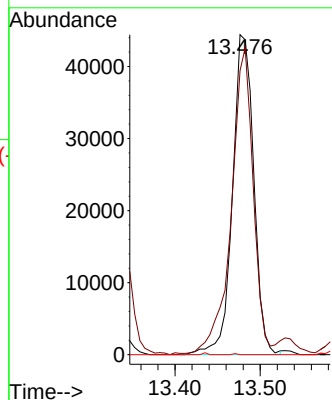
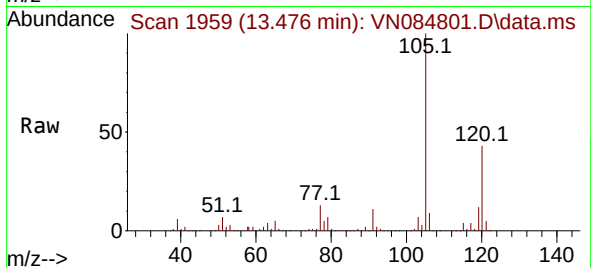
Tgt Ion:119 Resp: 76889

Ion Ratio Lower Upper

119 100

91 99.5 34.1 102.3

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 73.870 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084801.D

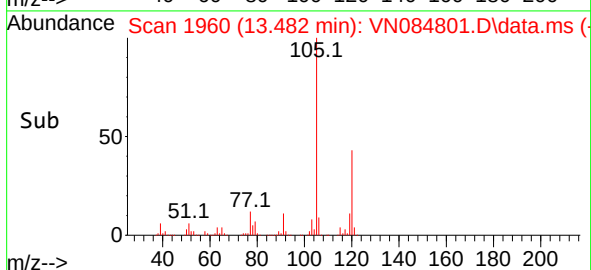
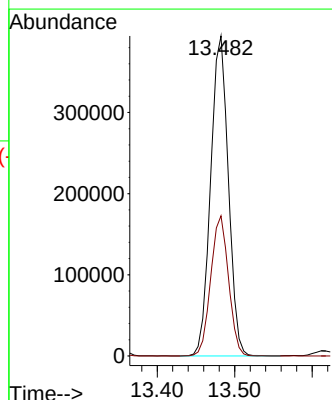
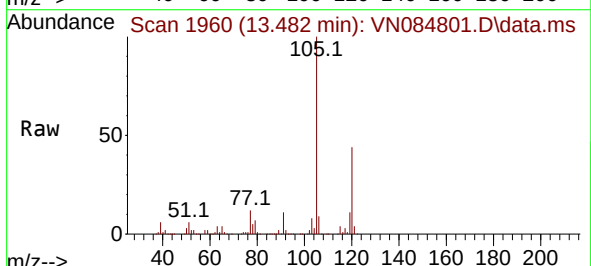
Acq: 12 Nov 2024 17:13

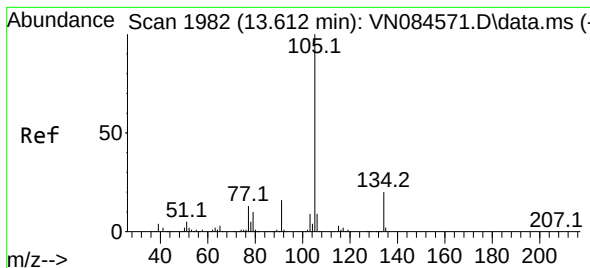
Tgt Ion:105 Resp: 626172

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 65.215 ug/l

RT: 13.482 min Scan# 1982

Delta R.T. -0.135 min MSVOA_N

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

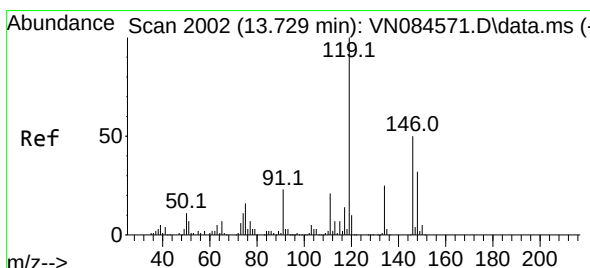
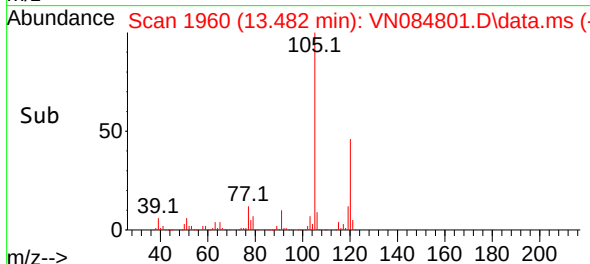
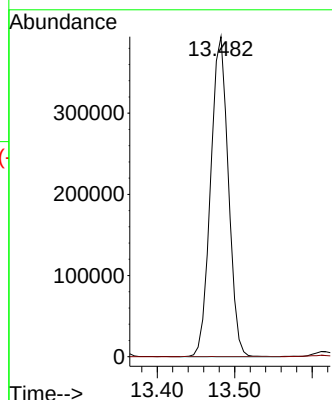
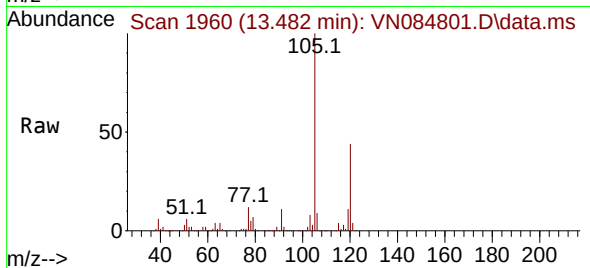
ClientSampleId :

Tgt Ion:105 Resp: 626172

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 2.801 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

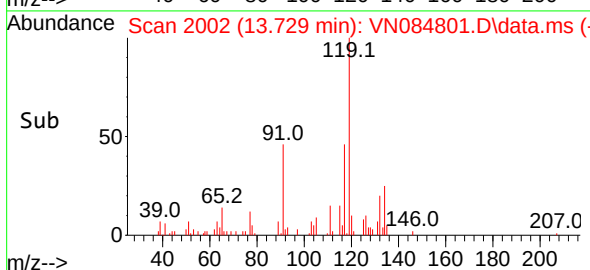
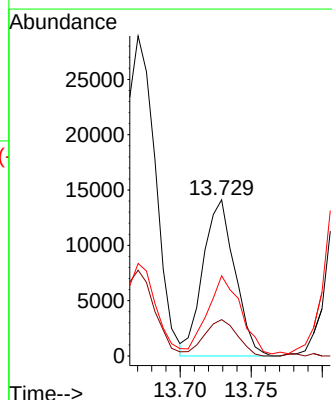
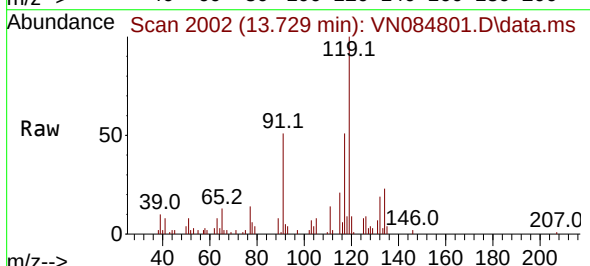
Tgt Ion:119 Resp: 22059

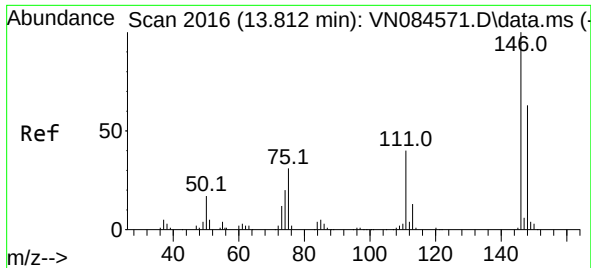
Ion Ratio Lower Upper

119 100

134 24.1 12.6 37.8

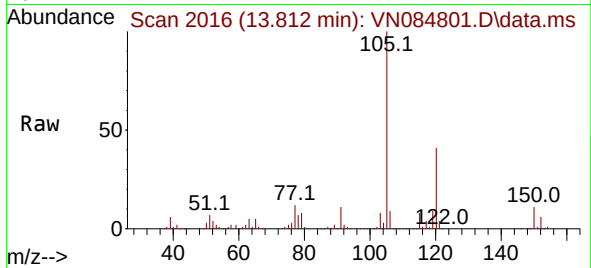
91 0.0 12.4 37.2#



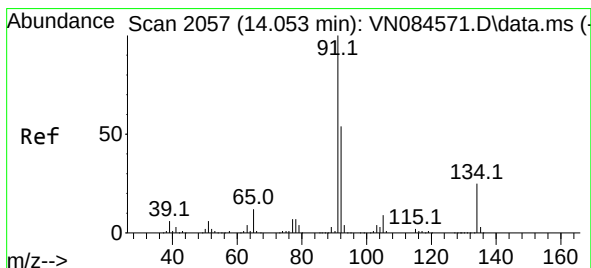
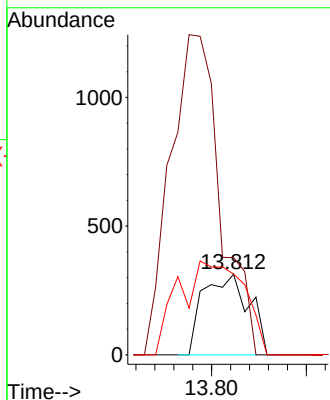
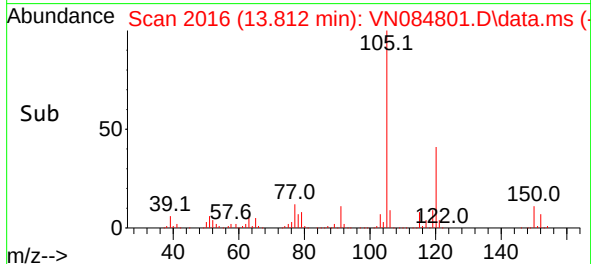


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

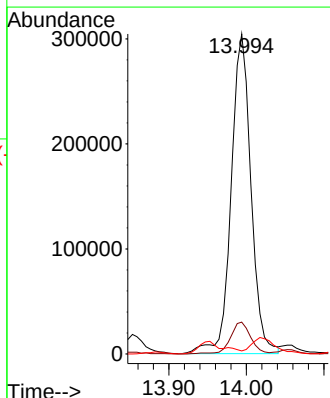
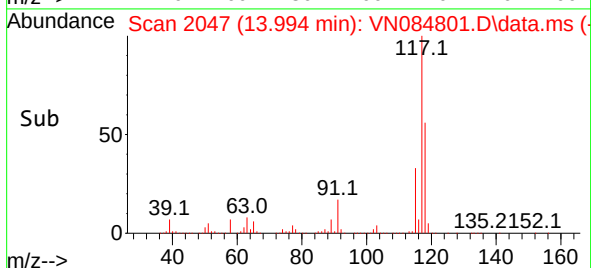
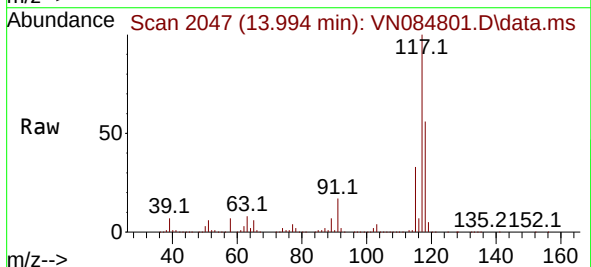


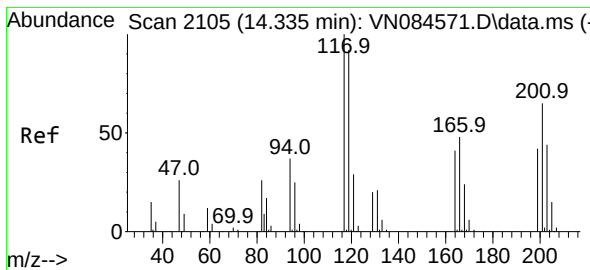
Tgt Ion:146 Resp: 525
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#89
n-Butylbenzene
Concen: 73.740 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Tgt Ion: 91 Resp: 543167
Ion Ratio Lower Upper
91 100
92 10.2 26.6 79.7#
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 12.658 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

Instrument :

MSVOA_N

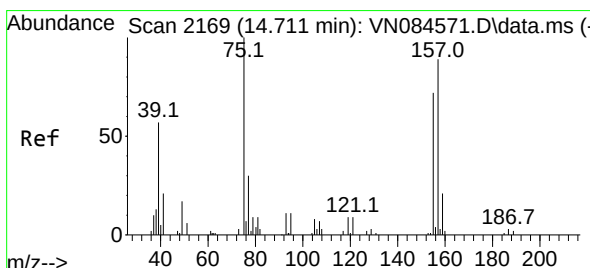
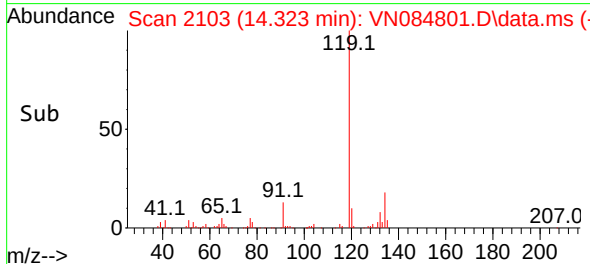
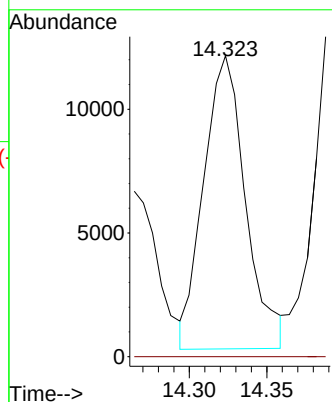
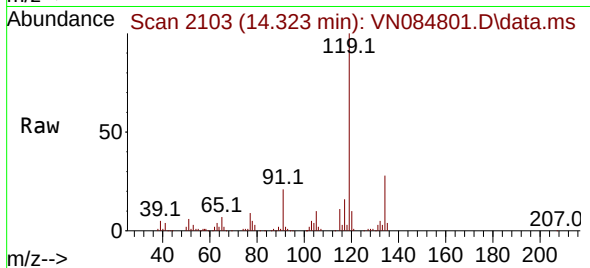
ClientSampleId :

Tgt Ion:117 Resp: 22228

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.357 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084801.D

Acq: 12 Nov 2024 17:13

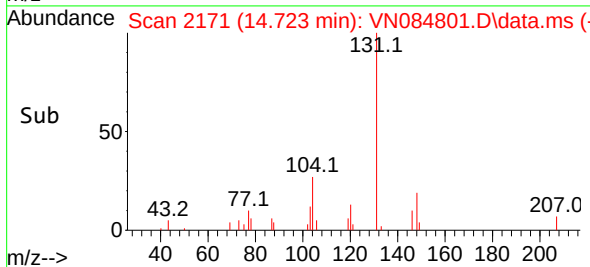
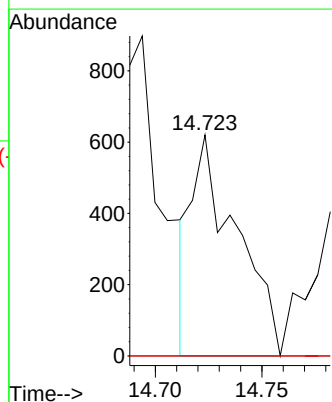
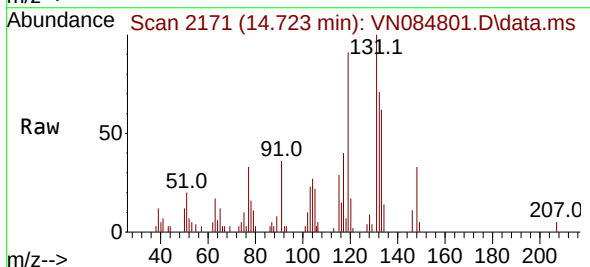
Tgt Ion: 75 Resp: 909

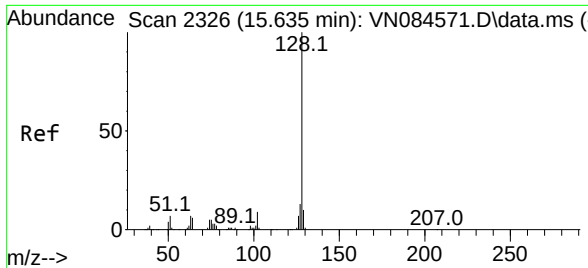
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

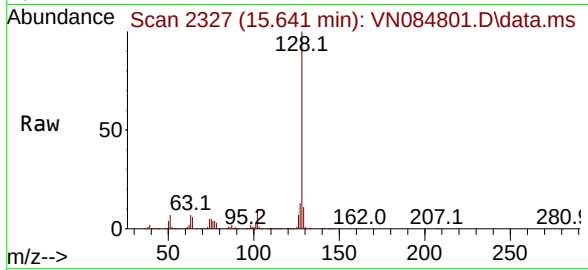
157 0.0 49.6 149.0#





#95
Naphthalene
Concen: 1068.596 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084801.D
Acq: 12 Nov 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8746118

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

