

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084088.D
 Acq On : 21 Sep 2024 04:11 am
 Operator : JC\MD
 Sample : P4103-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 05:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	166887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125998	50.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.140%	
35) Dibromofluoromethane	8.165	113	92314	50.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	10.565	98	349553	55.202	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.400%	
62) 4-Bromofluorobenzene	12.847	95	125725	48.124	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.318	50	579	Below Cal	#	41
11) Tert butyl alcohol	5.524	59	89	0.264	ug/l #	71
13) Acrolein	4.159	56	3484	10.479	ug/l #	1
14) Allyl chloride	5.165	41	991	0.308	ug/l #	21
15) Acrylonitrile	5.812	53	511	0.558	ug/l #	31
16) Acetone	4.430	43	69446	68.842	ug/l	99
18) Methyl Acetate	5.030	43	913	Below Cal	#	52
20) Methylene Chloride	5.283	84	5037	2.440	ug/l	96
25) 2-Butanone	7.494	43	24520	18.494	ug/l #	87
29) Tetrahydrofuran	7.853	42	884	1.128	ug/l #	78
31) Cyclohexane	8.253	56	12531	3.445	ug/l	87
36) 1,1-Dichloropropene	8.224	75	15687	5.690	ug/l #	44
37) Ethyl Acetate	7.565	43	3391	1.355	ug/l #	80
38) Carbon Tetrachloride	8.224	117	19387	6.198	ug/l #	16
39) Methylcyclohexane	9.600	83	5302	1.690	ug/l #	92
41) Methacrylonitrile	7.847	41	786	0.531	ug/l #	32
42) 1,2-Dichloroethane	8.682	62	623	0.201	ug/l #	77
43) Isopropyl Acetate	8.688	43	129499	28.556	ug/l #	86
45) 1,2-Dichloropropane	9.735	63	1112	0.554	ug/l #	42
48) Methyl methacrylate	9.671	41	3157	1.467	ug/l #	48
49) 1,4-Dioxane	9.735	88	59	1.667	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	11664	4.725	ug/l #	77
52) Toluene	10.629	92	12516	2.466	ug/l	89
53) t-1,3-Dichloropropene	10.729	75	627	0.203	ug/l #	42
54) cis-1,3-Dichloropropene	10.359	75	33546	10.363	ug/l #	61
55) 1,1,2-Trichloroethane	11.000	97	551	0.291	ug/l #	15
57) 1,3-Dichloropropane	11.200	76	4217	1.295	ug/l #	42
59) 2-Hexanone	11.200	43	59986	32.850	ug/l #	53
67) Ethyl Benzene	11.959	91	8275	0.855	ug/l	96
68) m/p-Xylenes	12.065	106	5412	1.506	ug/l	94
69) o-Xylene	12.400	106	2933	0.843	ug/l	87
71) Bromoform	12.841	173	653	0.513	ug/l #	29
73) Isopropylbenzene	12.694	105	27454	3.334	ug/l	100
74) N-amyl acetate	12.494	43	783	0.223	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	70094	32.634	ug/l #	1
78) n-propylbenzene	13.035	91	47324	4.939	ug/l	100

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Sample : P4103-11
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ALS Vial : 37 Sample Multiplier: 1

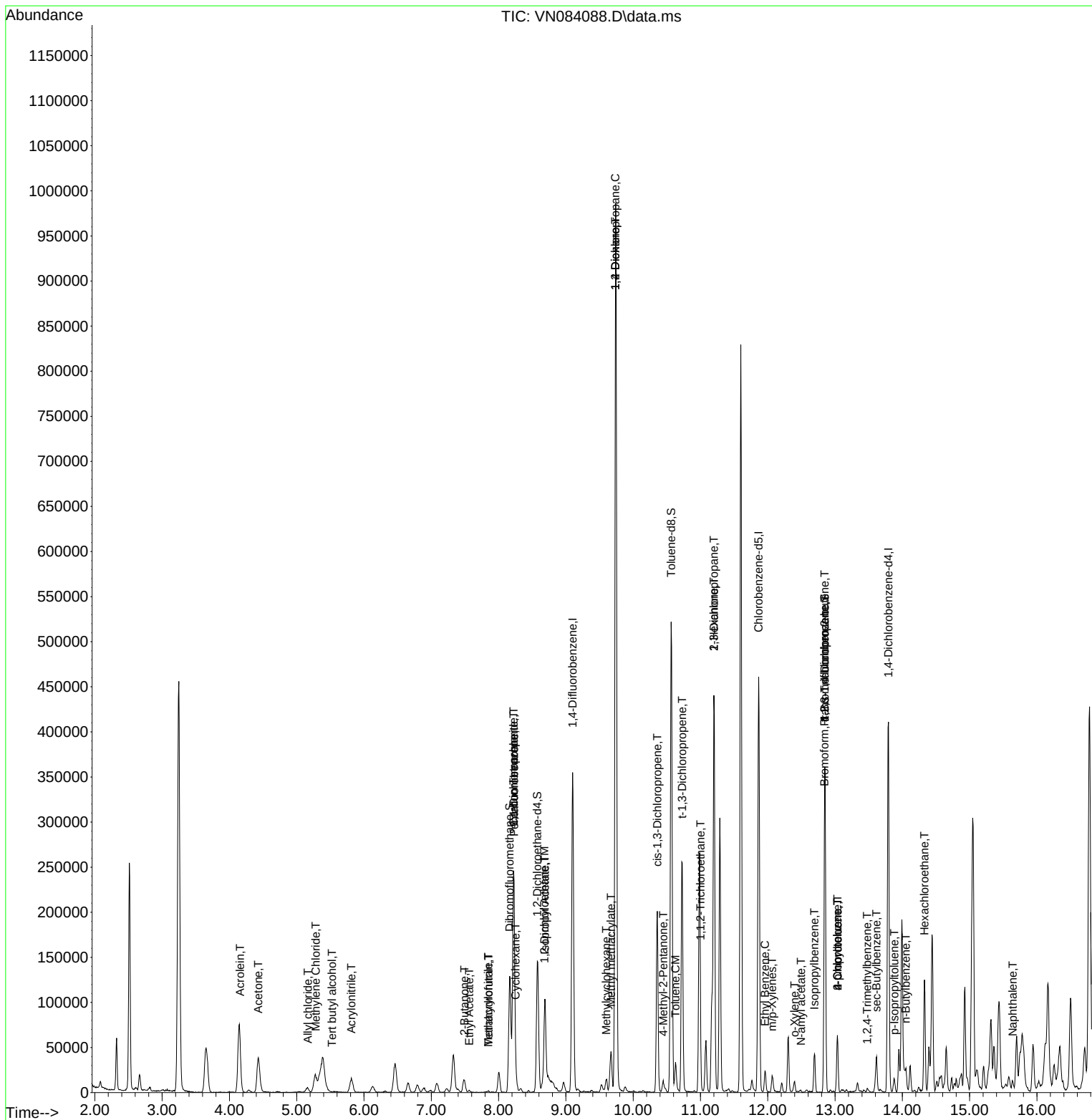
Instrument :
MSVOA_N
ClientSampleId :

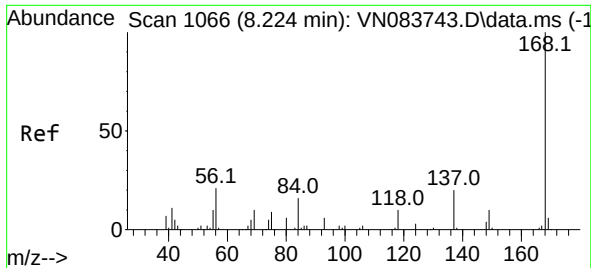
Quant Time: Sep 21 05:25:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	13.035	91	47324	7.744	ug/l #	44
81) trans-1,4-Dichloro-2-b...	12.847	75	70094	85.471	ug/l #	9
82) 4-Chlorotoluene	13.035	91	47324	7.717	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.476	105	2807	0.402	ug/l	96
85) sec-Butylbenzene	13.617	105	23833	2.958	ug/l	97
86) p-Isopropyltoluene	13.882	119	5994	0.888	ug/l	97
89) n-Butylbenzene	14.053	91	14130	2.330	ug/l	97
90) Hexachloroethane	14.329	117	7007	5.162	ug/l #	17
95) Naphthalene	15.641	128	10963	1.860	ug/l #	88

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

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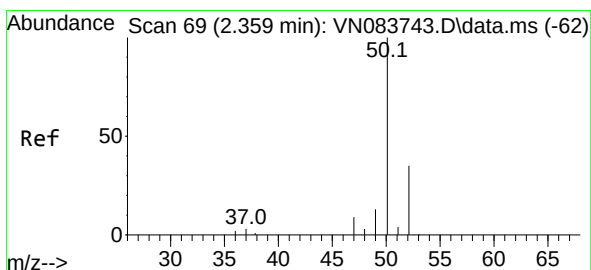
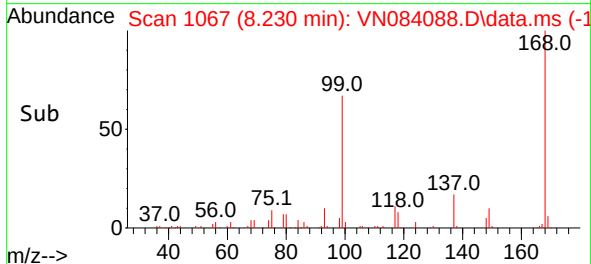
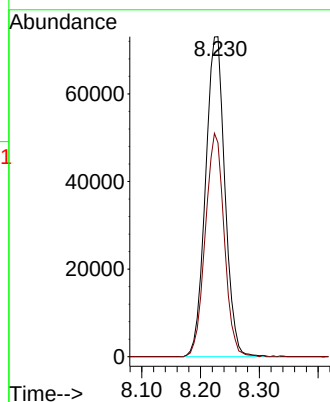
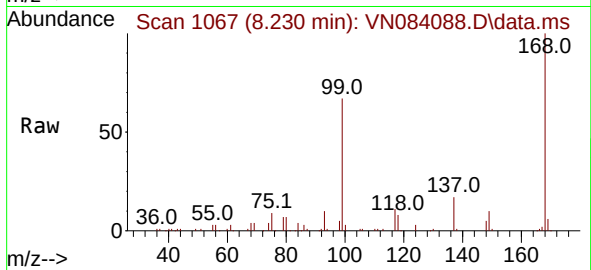




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

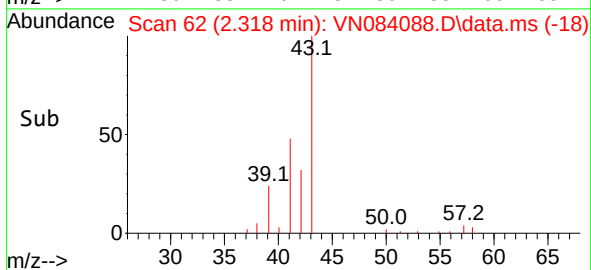
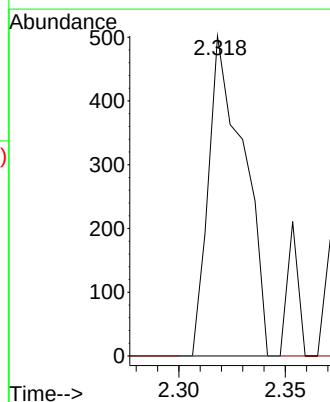
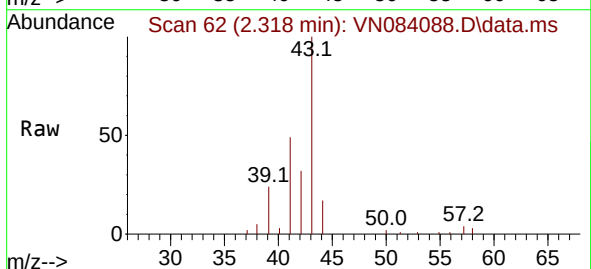
Instrument :
MSVOA_N
ClientSampleId :

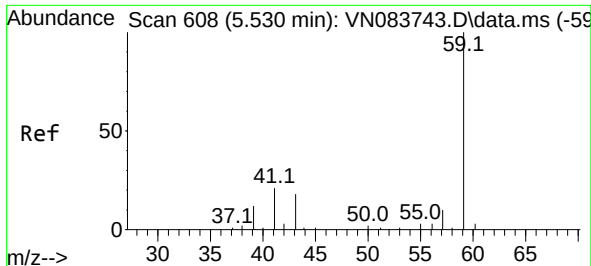
Tgt Ion:168 Resp: 166887
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.318 min Scan# 62
Delta R.T. -0.041 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

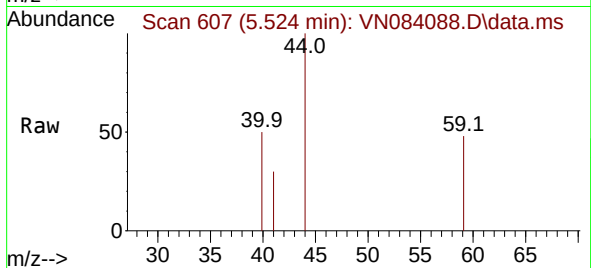
Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



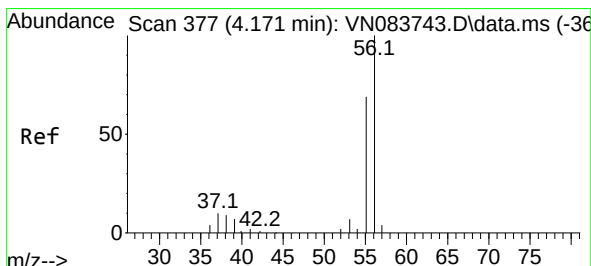
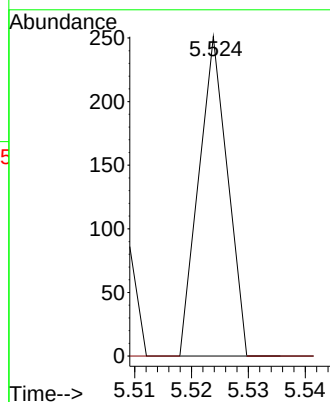
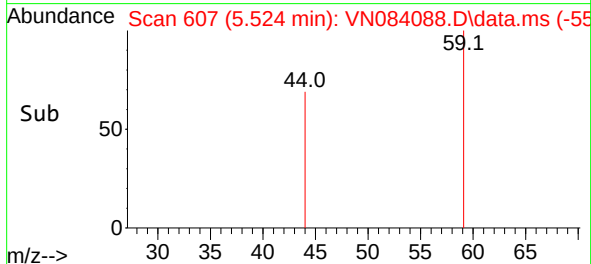


#11
Tert butyl alcohol
Concen: 0.264 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

Instrument :
MSVOA_N
ClientSampleId :

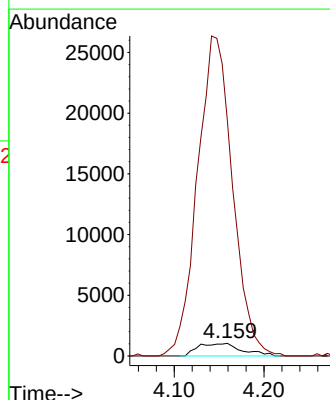
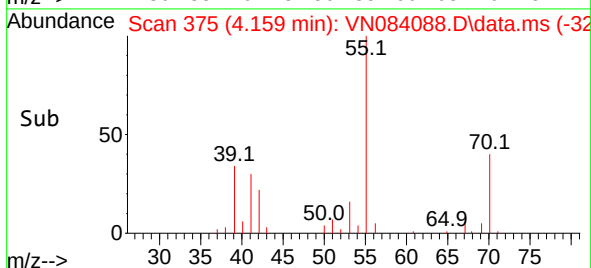
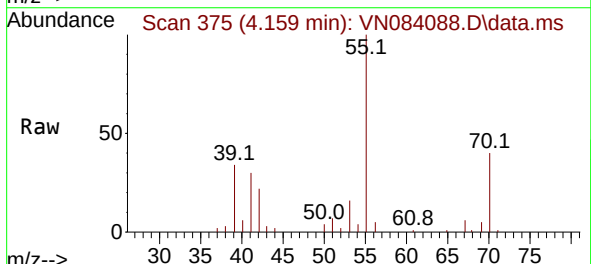


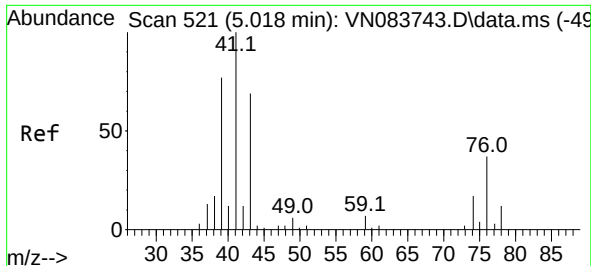
Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 10.479 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

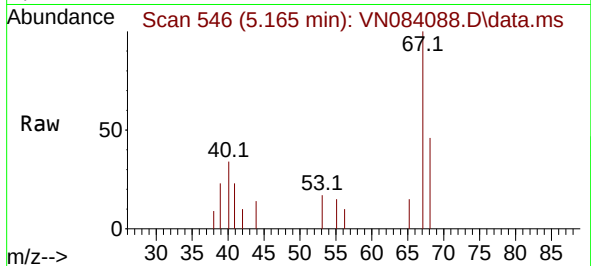
Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
55 2050.9 58.2 87.2#



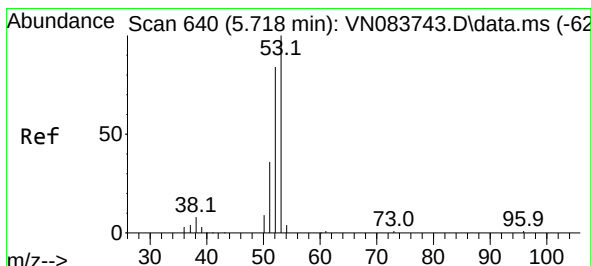
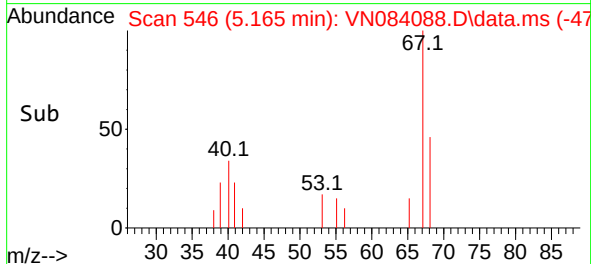
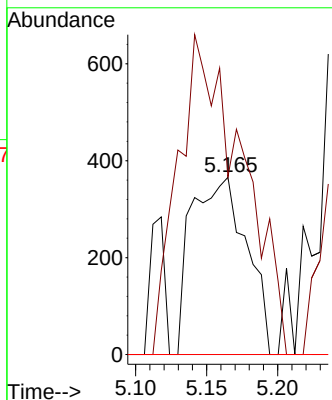


#14
 Allyl chloride
 Concen: 0.308 ug/l
 RT: 5.165 min Scan# 541
 Delta R.T. 0.147 min
 Lab File: VN084088.D
 Acq: 21 Sep 2024 04:11

Instrument :
 MSVOA_N
 ClientSampleId :

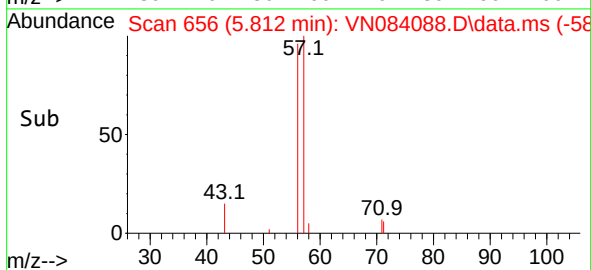
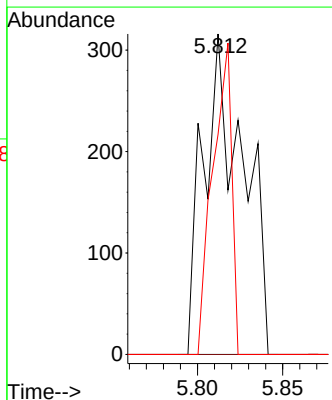
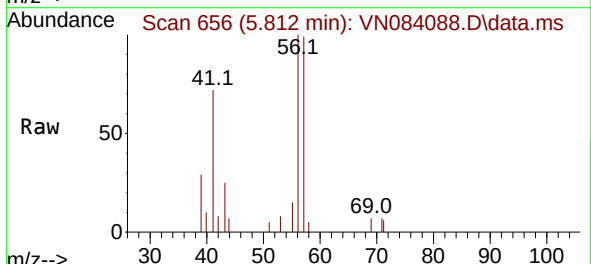


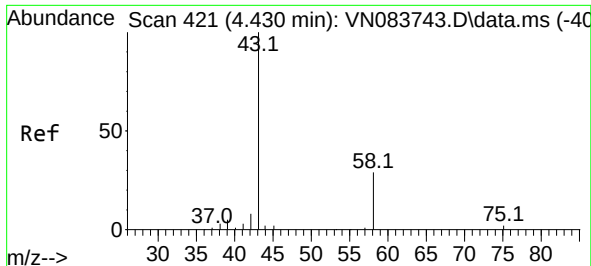
Tgt Ion:	41	Resp:	991
Ion Ratio	Lower	Upper	
41	100		
39	0.0	59.3	88.9#
76	0.0	27.7	41.5#



#15
 Acrylonitrile
 Concen: 0.558 ug/l
 RT: 5.812 min Scan# 656
 Delta R.T. 0.094 min
 Lab File: VN084088.D
 Acq: 21 Sep 2024 04:11 am

Tgt Ion:	53	Resp:	511
Ion Ratio	Lower	Upper	
53	100		
52	0.0	66.1	99.1#
51	46.8	29.6	44.4#

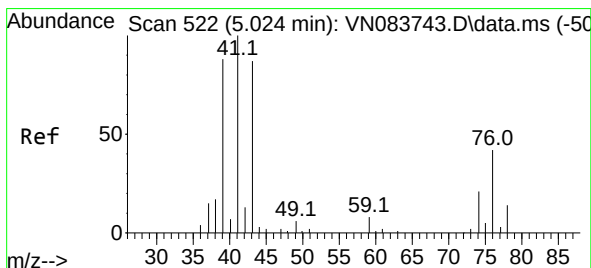
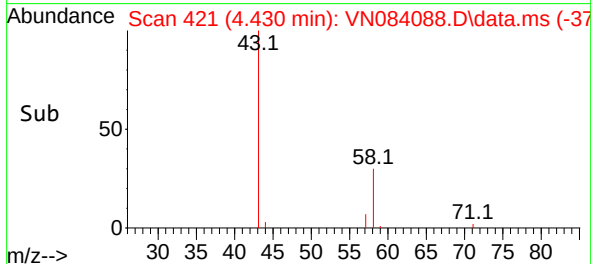
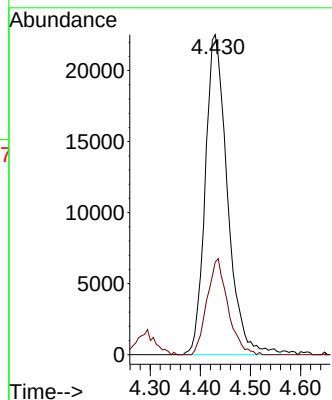
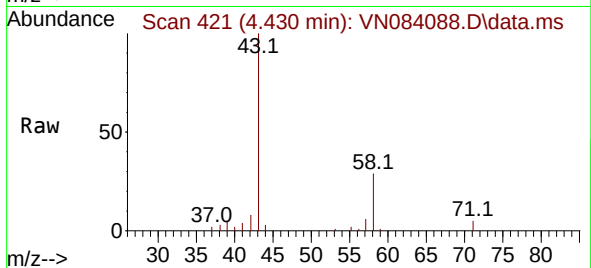




#16
Acetone
Concen: 68.842 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

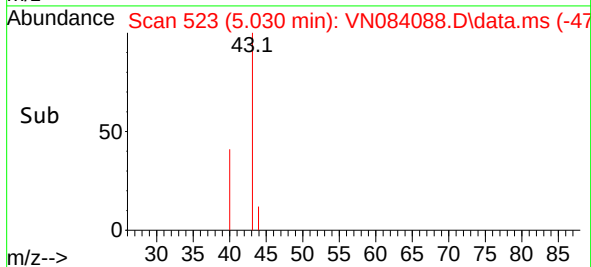
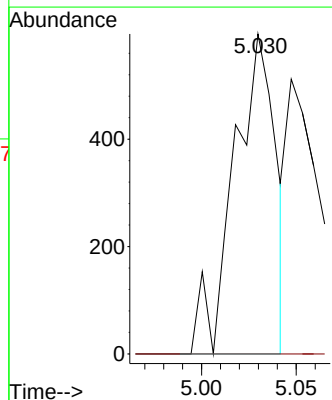
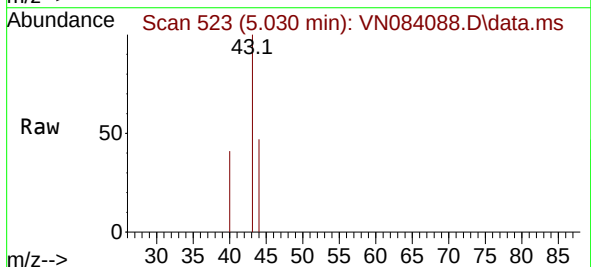
Instrument :
MSVOA_N
ClientSampleId :

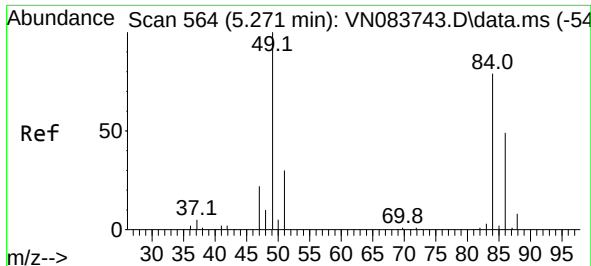
Tgt Ion: 43 Resp: 69446
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

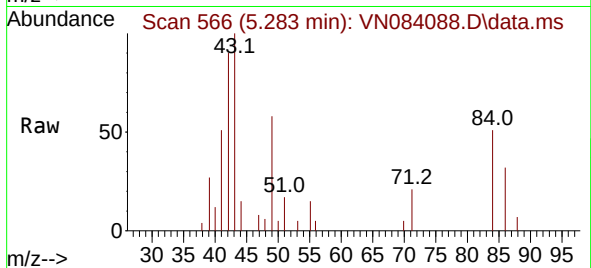
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



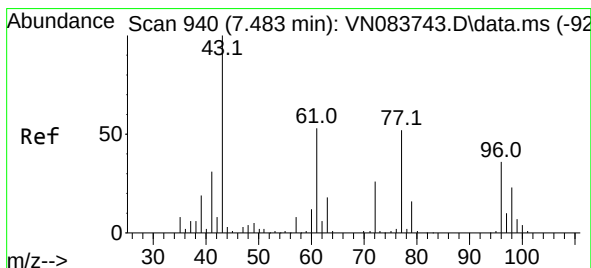
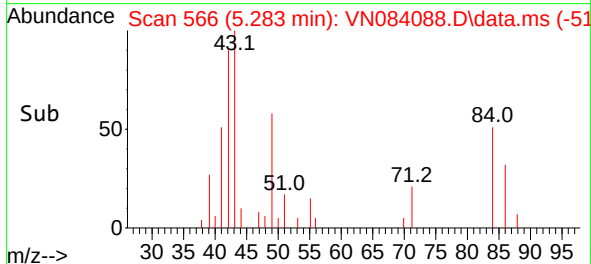
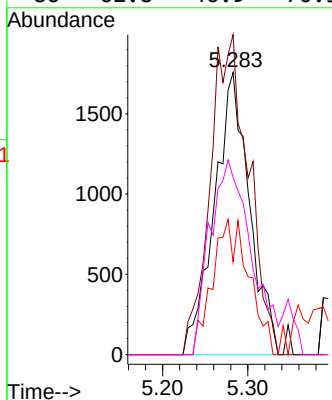


#20
Methylene Chloride
Concen: 2.440 ug/l
RT: 5.283 min Scan# 5037
Delta R.T. 0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

Instrument :
MSVOA_N
ClientSampleId :

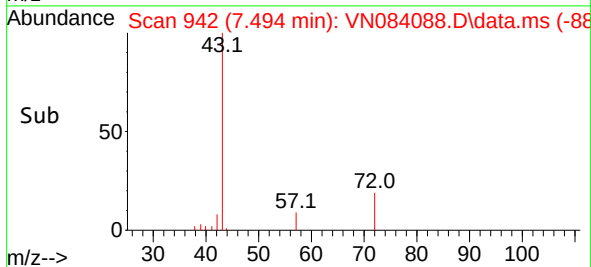
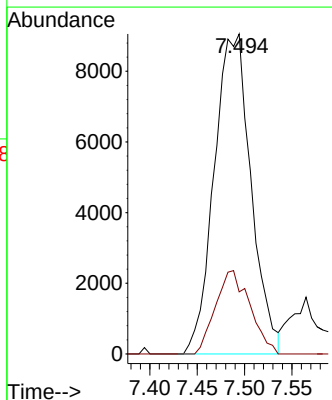
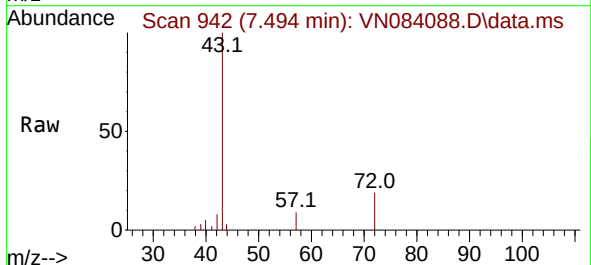


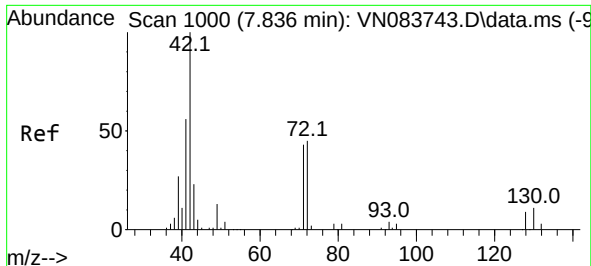
Tgt Ion:	84	Resp:	5037
Ion	Ratio	Lower	Upper
84	100		
49	113.4	93.4	140.0
51	32.9	29.2	43.8
86	62.8	46.9	70.3



#25
2-Butanone
Concen: 18.494 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion:	43	Resp:	24520
Ion	Ratio	Lower	Upper
43	100		
72	19.4	20.8	31.2#





#29

Tetrahydrofuran

Concen: 1.128 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

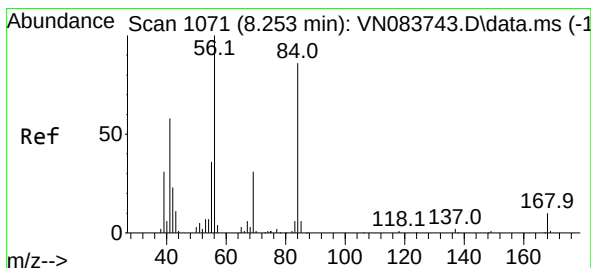
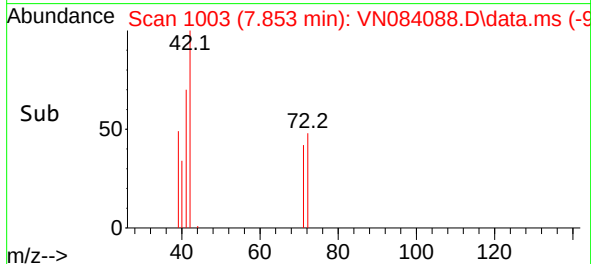
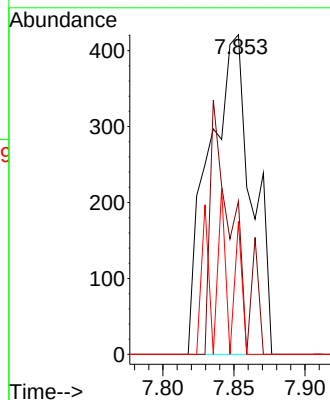
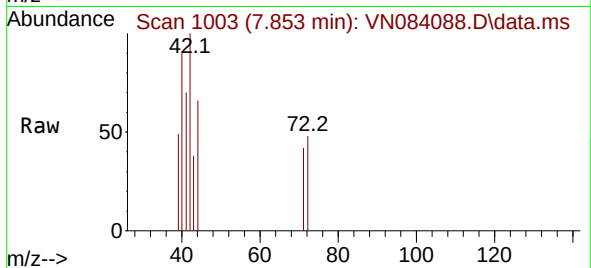
Tgt Ion: 42 Resp: 884

Ion Ratio Lower Upper

42 100

72 42.5 35.9 53.9

71 15.7 33.9 50.9#



#31

Cyclohexane

Concen: 3.445 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

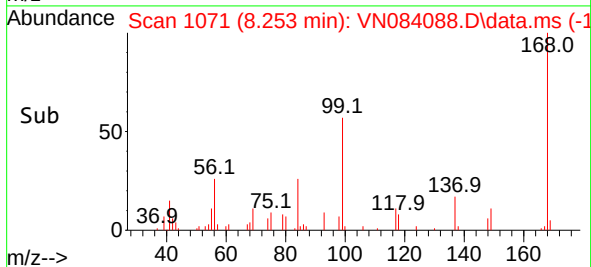
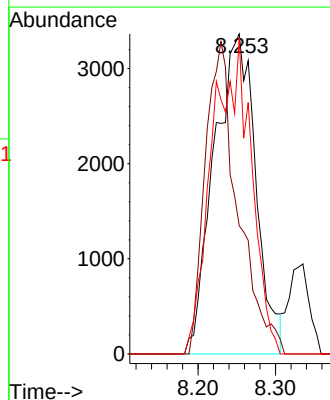
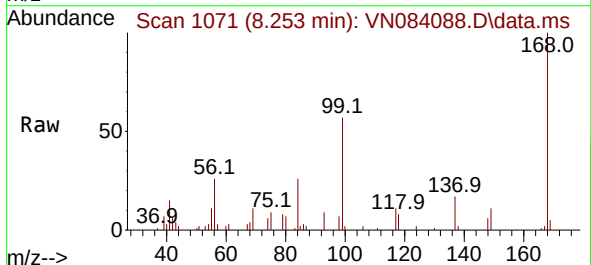
Tgt Ion: 56 Resp: 12531

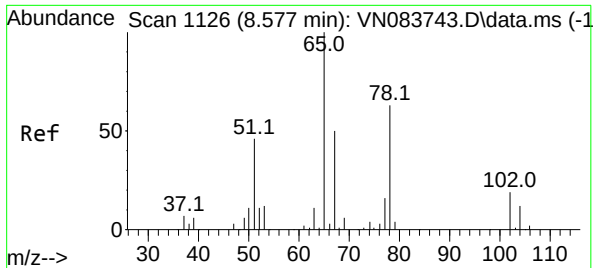
Ion Ratio Lower Upper

56 100

69 40.1 26.9 40.3

84 98.6 69.2 103.8

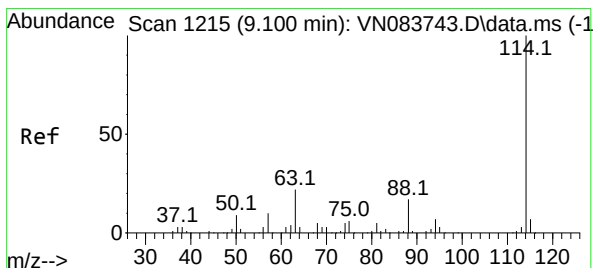
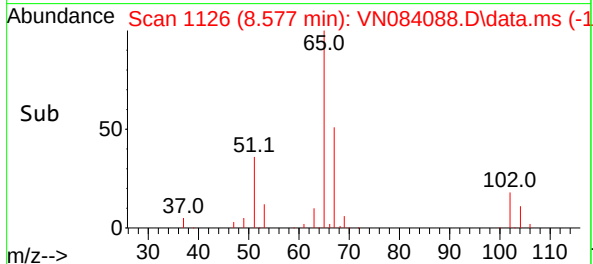
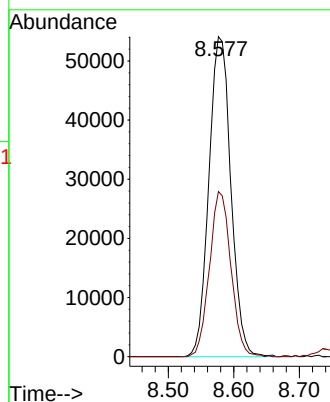
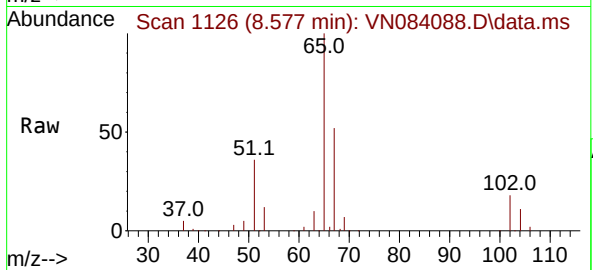




#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

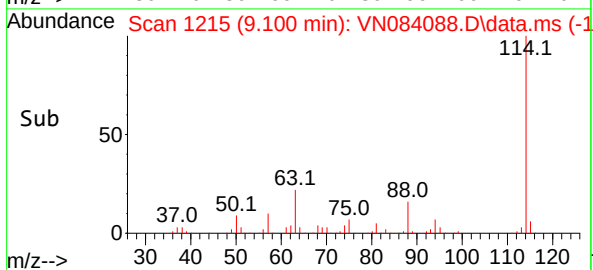
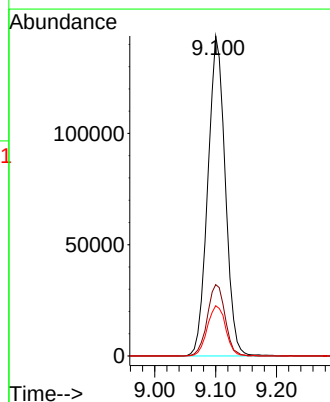
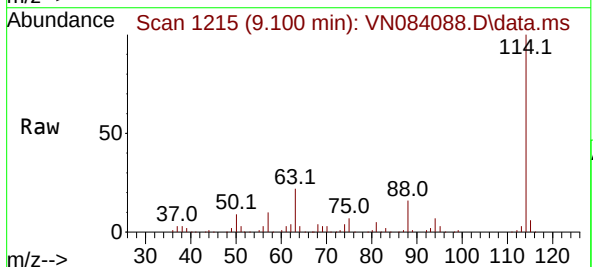
Instrument :
MSVOA_N
ClientSampleId :

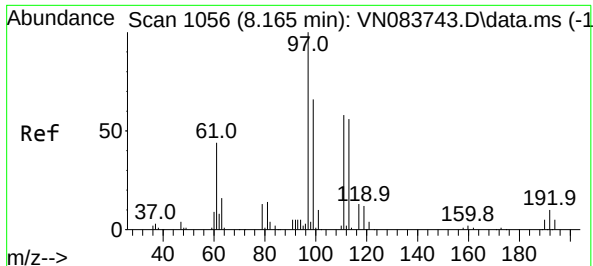
Tgt Ion: 65 Resp: 125998
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 114 Resp: 286118
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.398 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

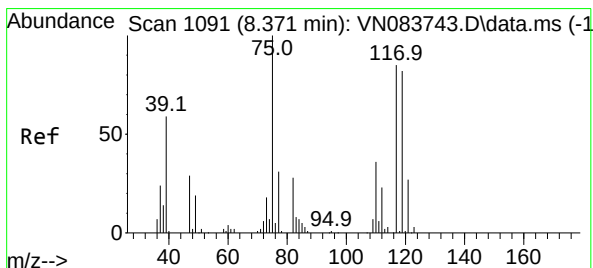
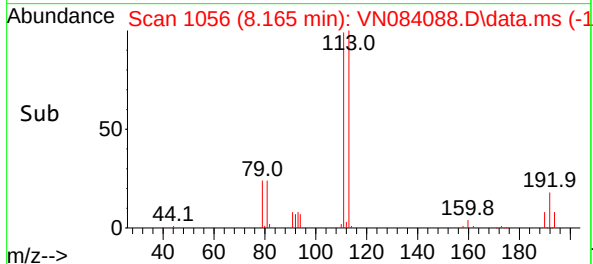
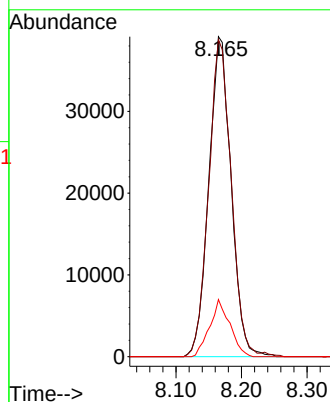
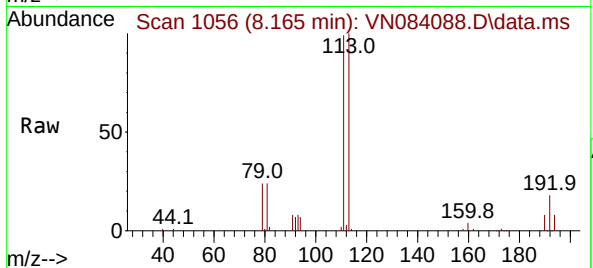
Tgt Ion:113 Resp: 92314

Ion Ratio Lower Upper

113 100

111 100.5 82.6 124.0

192 16.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.690 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

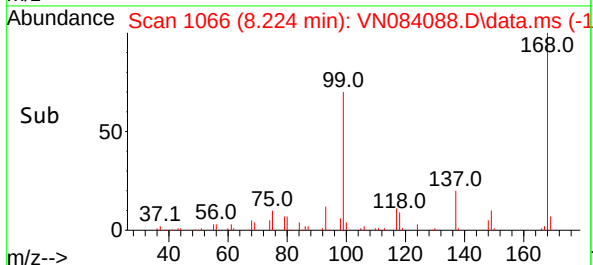
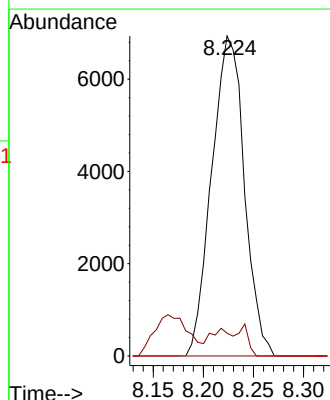
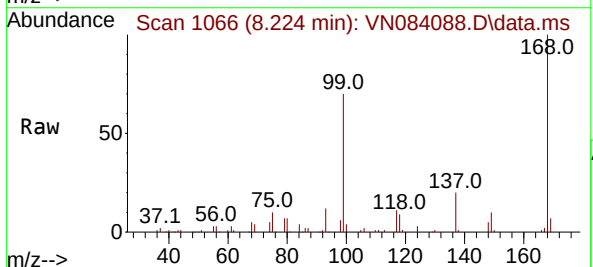
Tgt Ion: 75 Resp: 15687

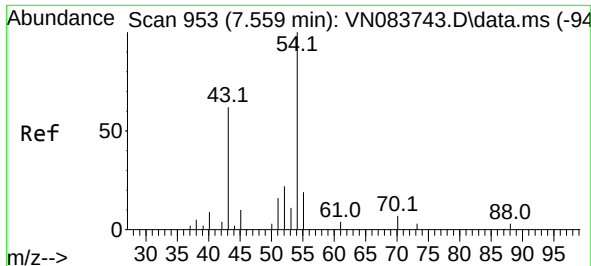
Ion Ratio Lower Upper

75 100

110 2.6 16.7 50.1#

77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 1.355 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

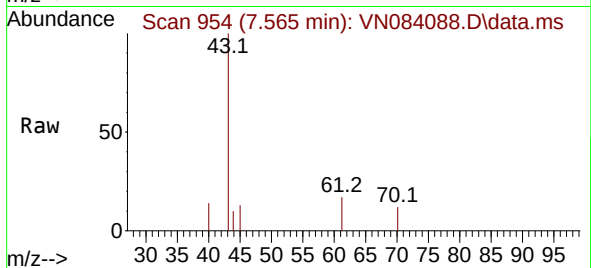
Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

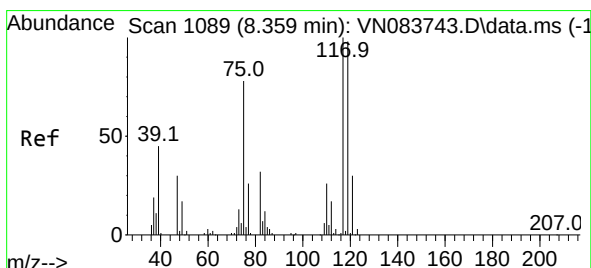
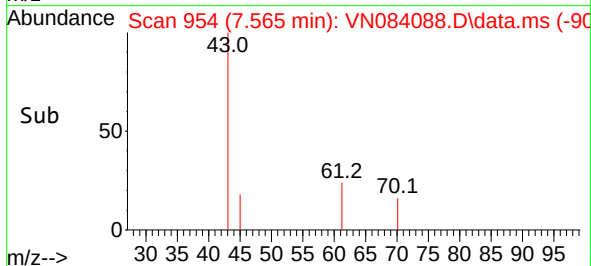
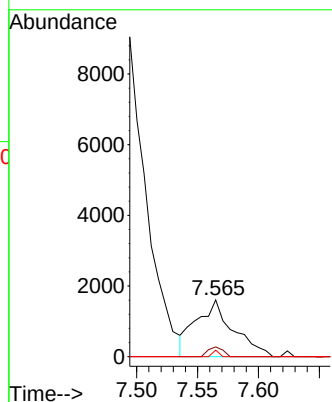
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	3391
Ion	Ratio	Lower	Upper
43	100		
61	6.9	11.1	16.7#
70	1.9	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 6.198 ug/l

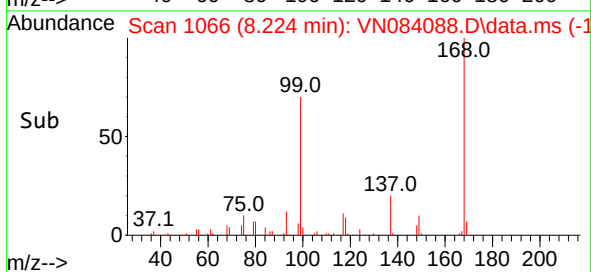
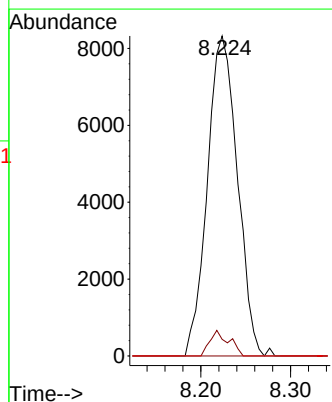
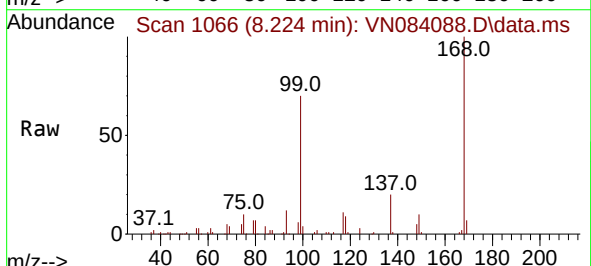
RT: 8.224 min Scan# 1066

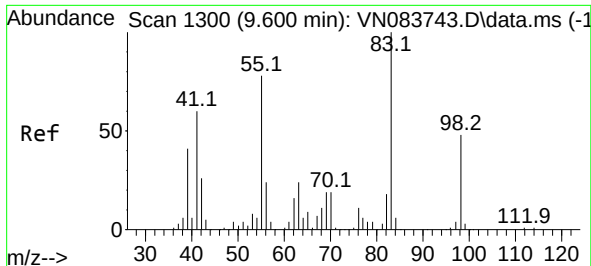
Delta R.T. -0.135 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

Tgt Ion:	117	Resp:	19387
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.1	114.1#
121	0.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 1.690 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

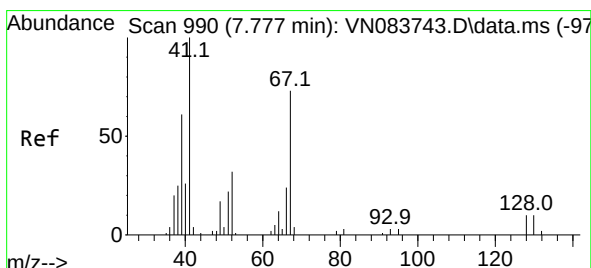
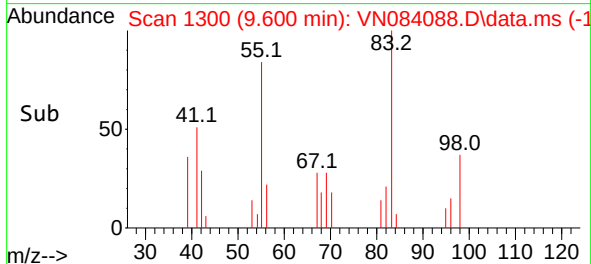
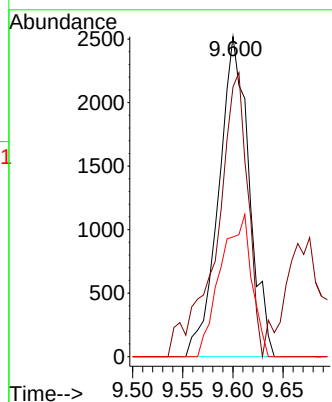
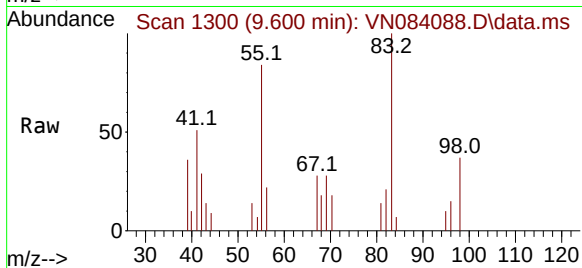
Tgt Ion: 83 Resp: 5302

Ion Ratio Lower Upper

83 100

55 73.6 62.2 93.4

98 37.4 37.6 56.4#



#41

Methacrylonitrile

Concen: 0.531 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.071 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

Tgt Ion: 41 Resp: 786

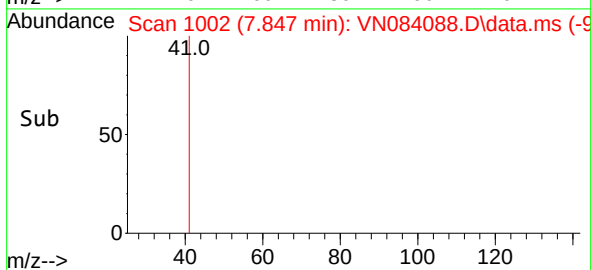
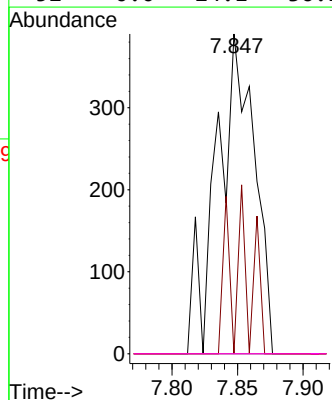
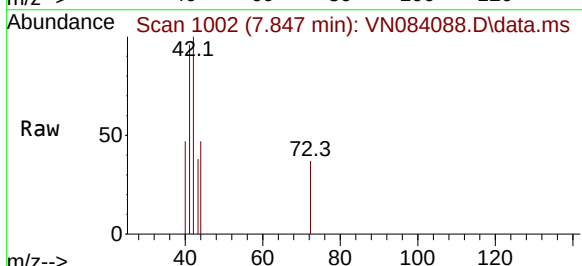
Ion Ratio Lower Upper

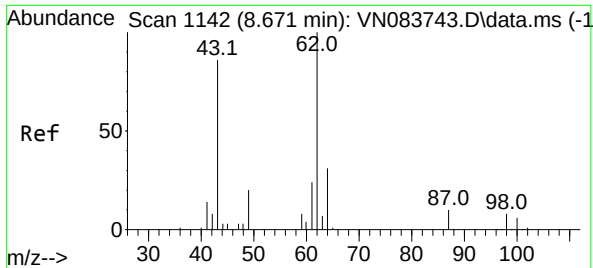
41 100

39 16.8 45.4 68.2#

67 0.0 55.9 83.9#

52 0.0 24.1 36.1#

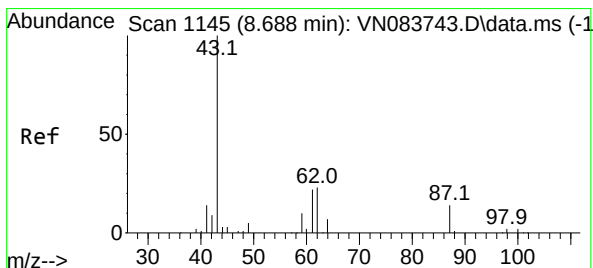
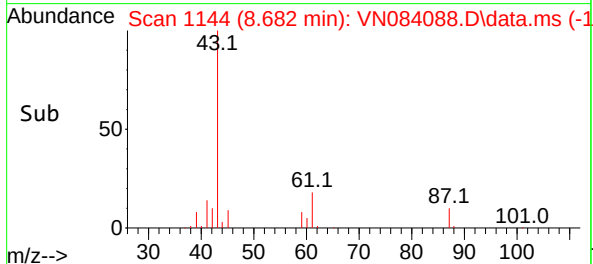
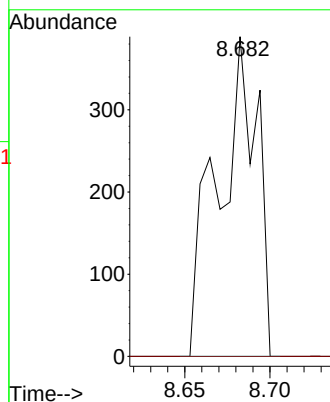
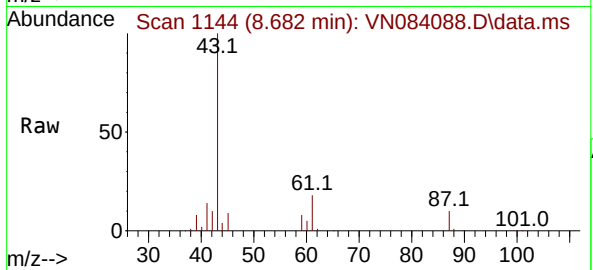




#42
1,2-Dichloroethane
Concen: 0.201 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

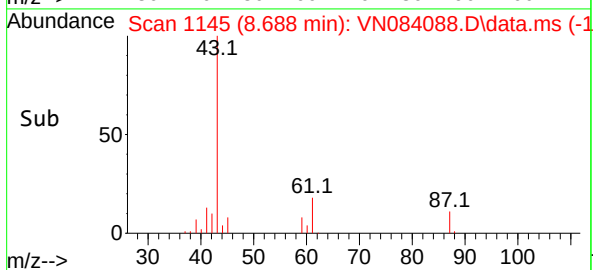
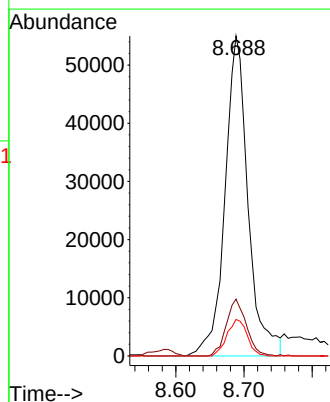
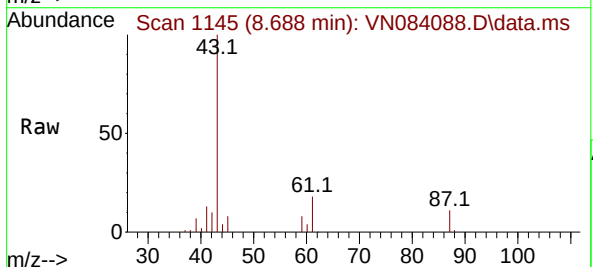
Instrument :
MSVOA_N
ClientSampleId :

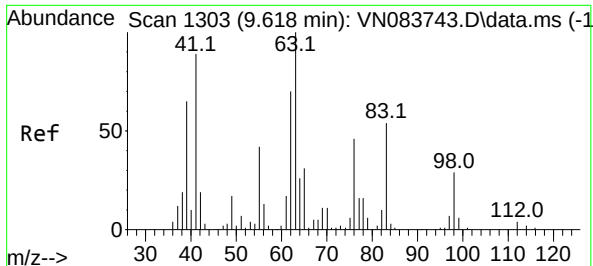
Tgt Ion: 62 Resp: 623
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6



#43
Isopropyl Acetate
Concen: 28.556 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 43 Resp: 129499
Ion Ratio Lower Upper
43 100
61 15.4 19.4 29.0#
87 10.0 9.8 14.6





#45

1,2-Dichloropropane

Concen: 0.554 ug/l

RT: 9.735 min Scan# 1112

Delta R.T. 0.118 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

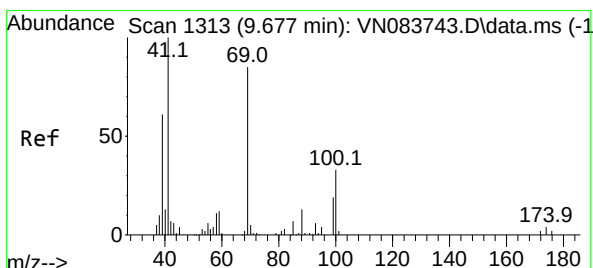
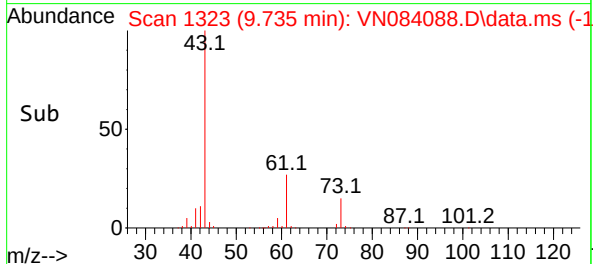
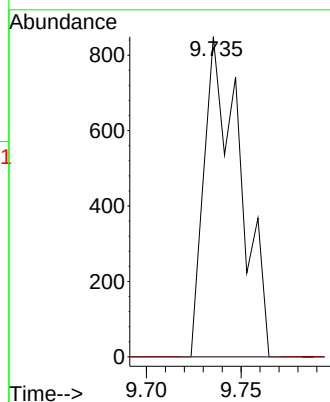
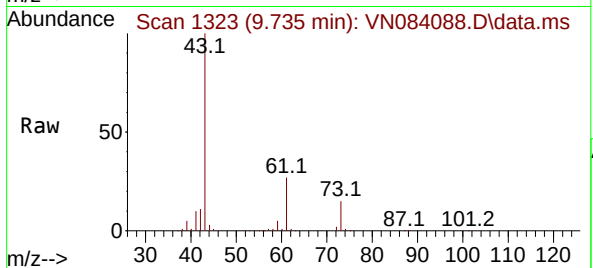
ClientSampleId :

Tgt Ion: 63 Resp: 1112

Ion Ratio Lower Upper

63 100

65 0.0 25.9 38.9#



#48

Methyl methacrylate

Concen: 1.467 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

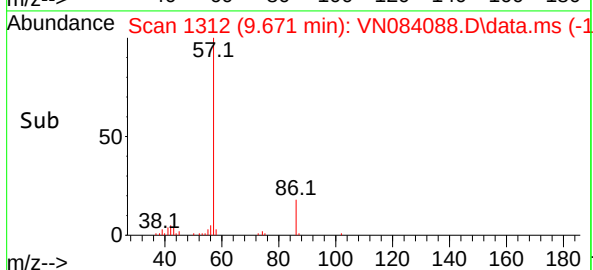
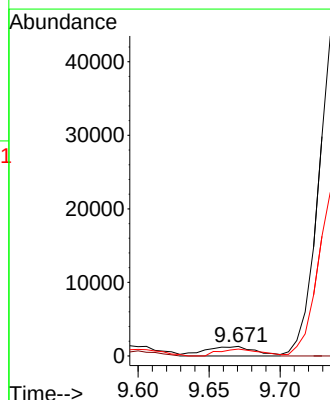
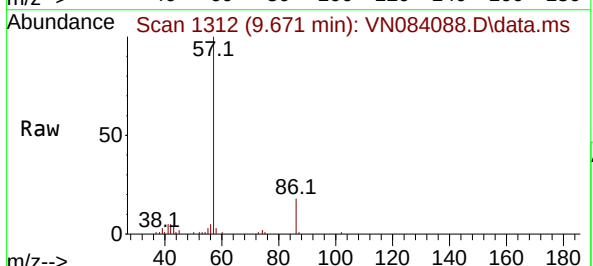
Tgt Ion: 41 Resp: 3157

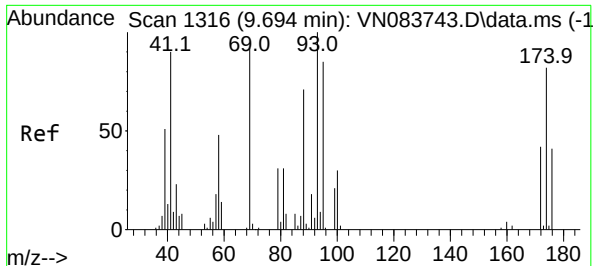
Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 59.7 48.9 73.3





#49

1,4-Dioxane

Concen: 1.667 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

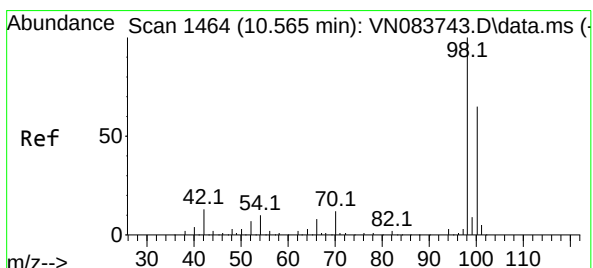
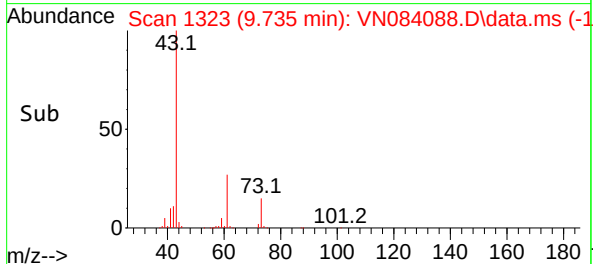
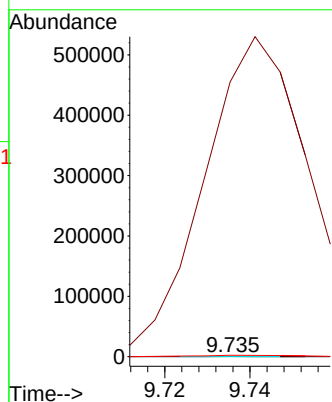
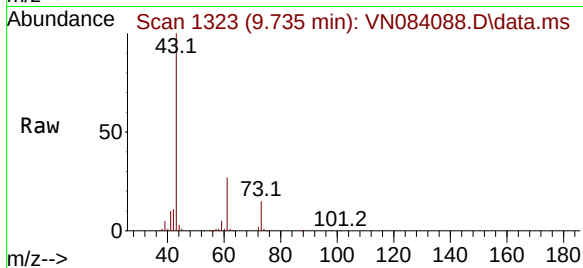
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 1588632.2 0.0 0.0#

58 7144.1 57.1 85.7#



#50

Toluene-d8

Concen: 55.202 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084088.D

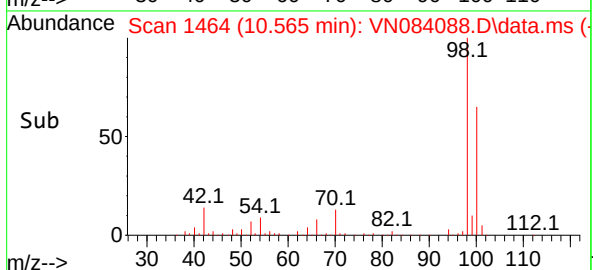
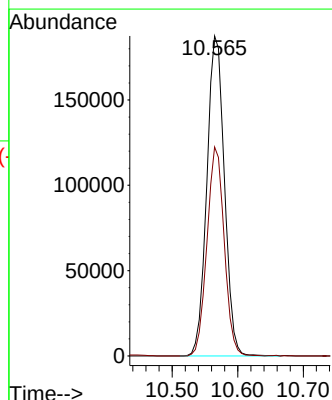
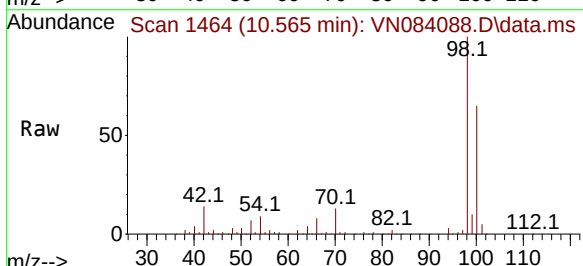
Acq: 21 Sep 2024 04:11 am

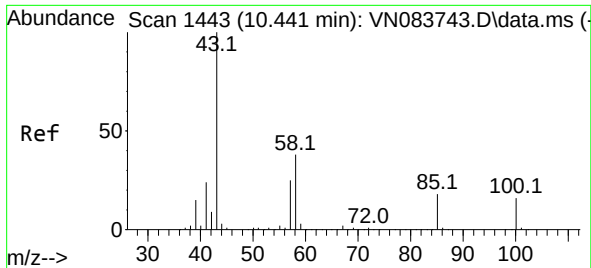
Tgt Ion: 98 Resp: 349553

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

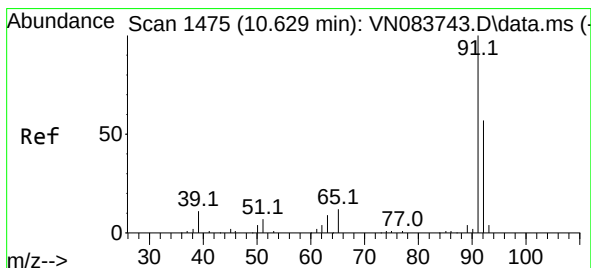
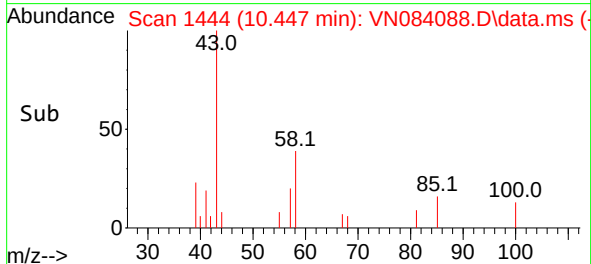
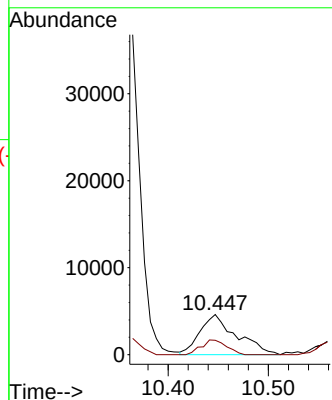
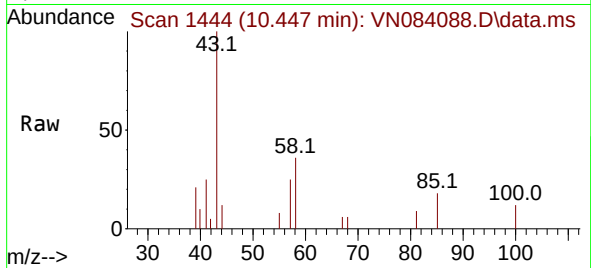




#51
4-Methyl-2-Pentanone
Concen: 4.725 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

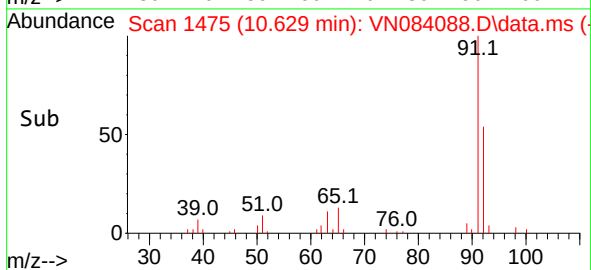
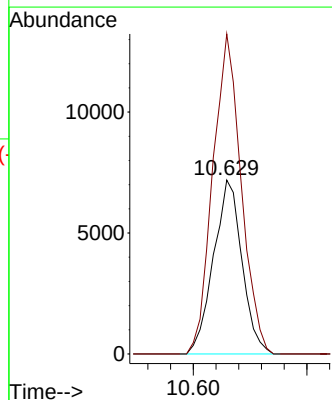
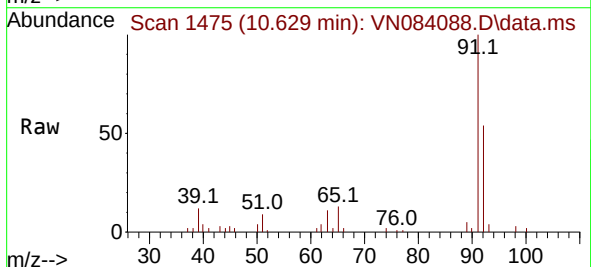
Instrument :
MSVOA_N
ClientSampleId :

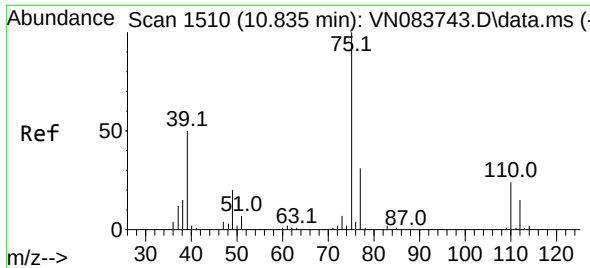
Tgt Ion: 43 Resp: 11664
Ion Ratio Lower Upper
43 100
58 25.5 31.6 47.4#



#52
Toluene
Concen: 2.466 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 92 Resp: 12516
Ion Ratio Lower Upper
92 100
91 183.3 134.7 202.1

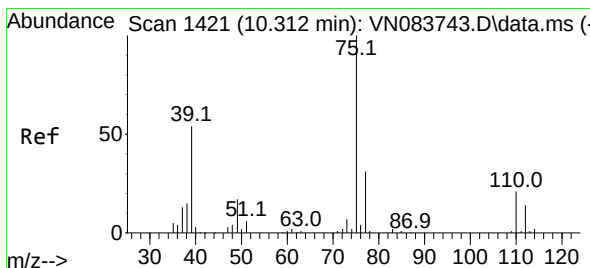
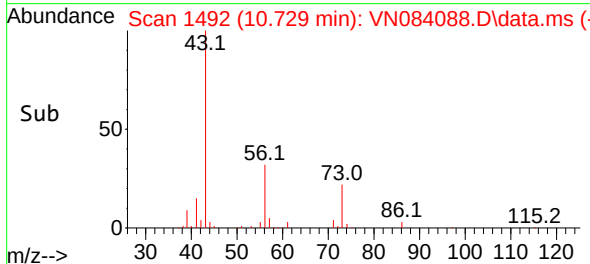
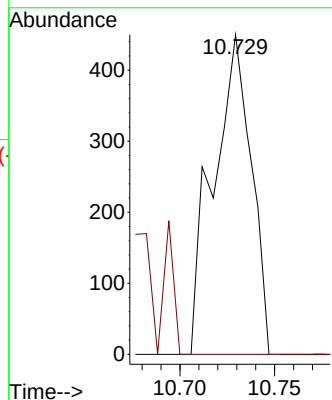
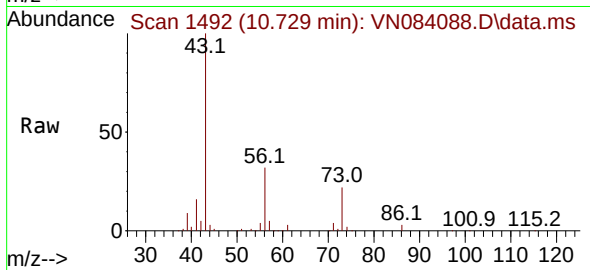




#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

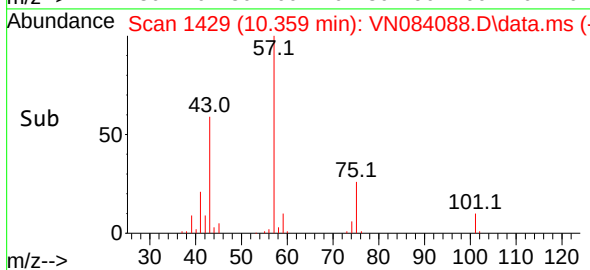
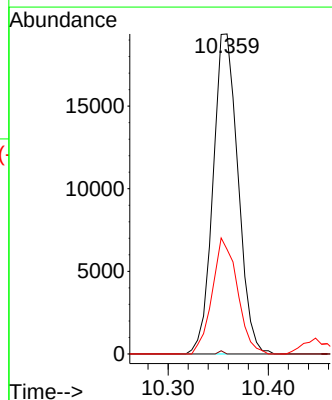
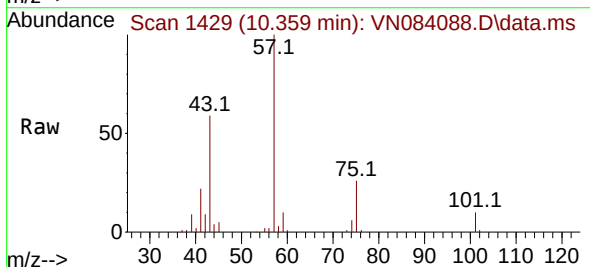
Instrument :
MSVOA_N
ClientSampleId :

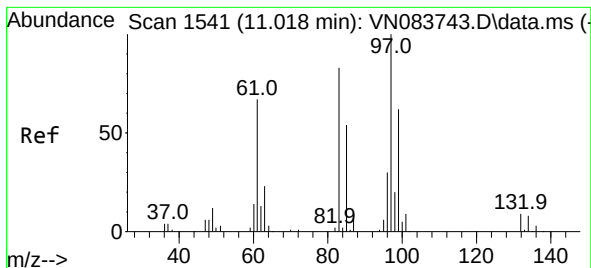
Tgt Ion: 75 Resp: 627
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#



#54
cis-1,3-Dichloropropene
Concen: 10.363 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 75 Resp: 33546
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#
39 32.6 42.6 64.0#





#55

1,1,2-Trichloroethane

Concen: 0.291 ug/l

RT: 11.000 min Scan# 1541

Delta R.T. -0.018 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 551

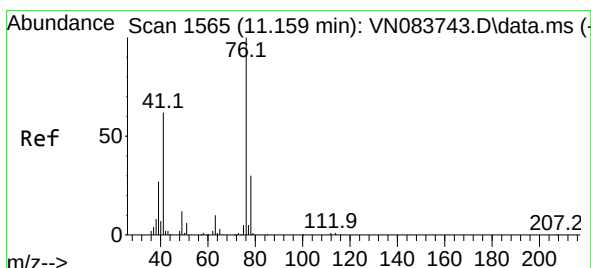
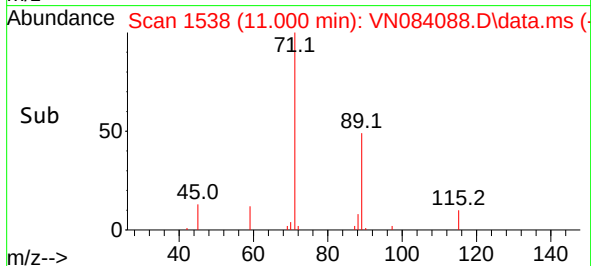
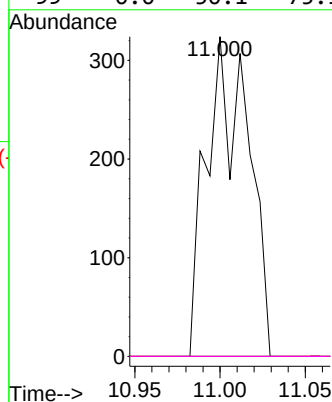
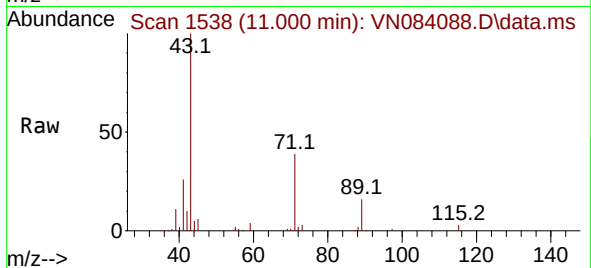
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 0.0 44.2 66.2#

99 0.0 50.1 75.1#



#57

1,3-Dichloropropane

Concen: 1.295 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN084088.D

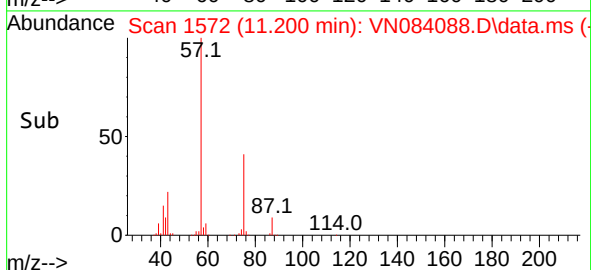
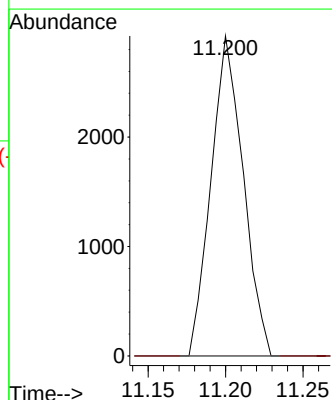
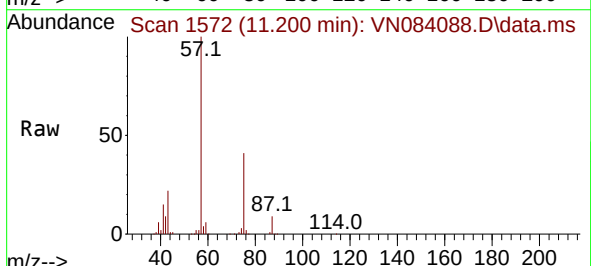
Acq: 21 Sep 2024 04:11 am

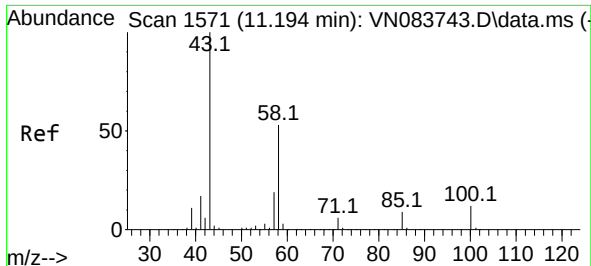
Tgt Ion: 76 Resp: 4217

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#

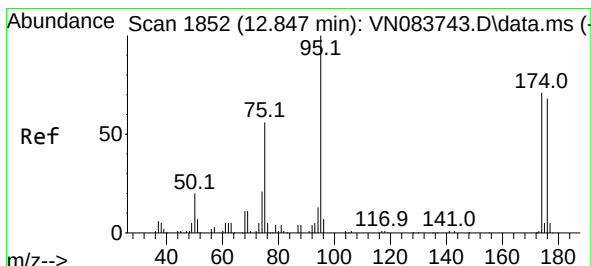
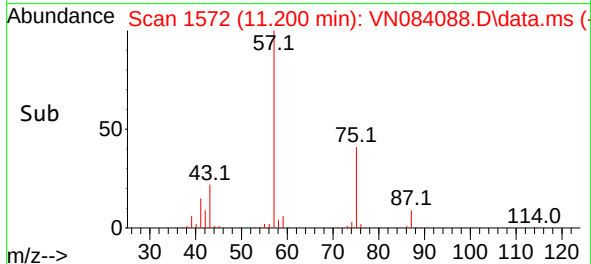
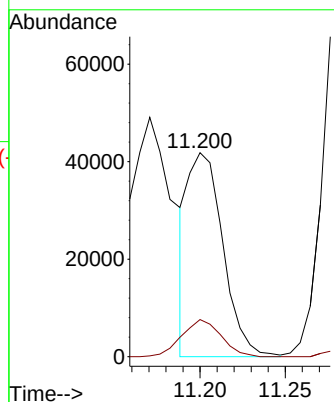
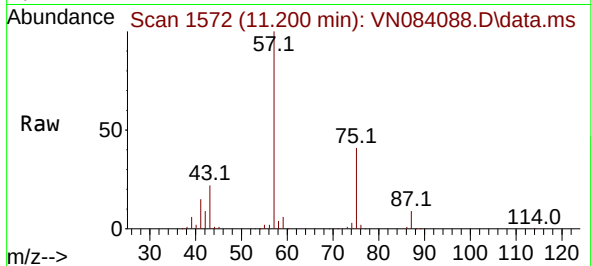




#59
2-Hexanone
Concen: 32.850 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

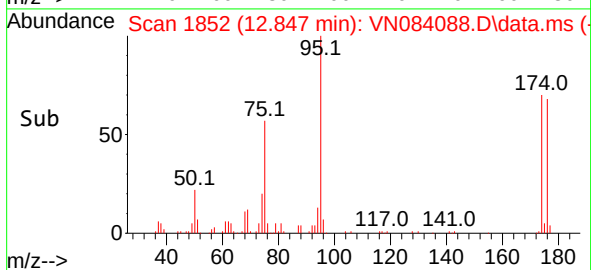
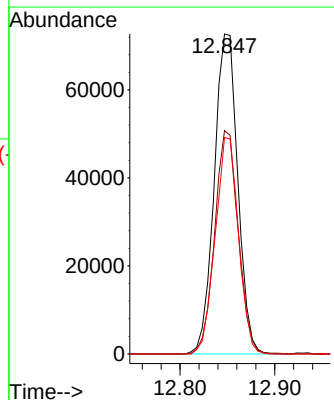
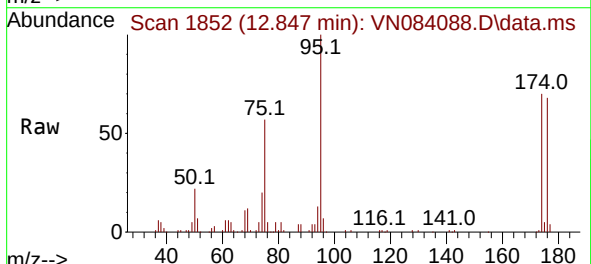
Instrument :
MSVOA_N
ClientSampleId :

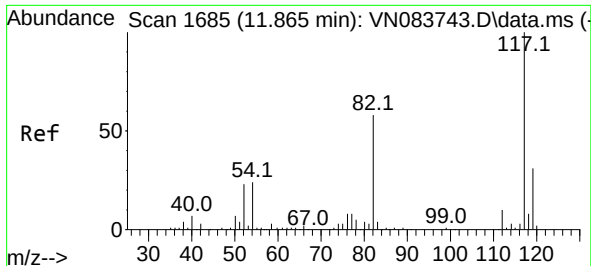
Tgt Ion: 43 Resp: 59986
Ion Ratio Lower Upper
43 100
58 20.4 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 48.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 95 Resp: 125725
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.9 0.0 131.4

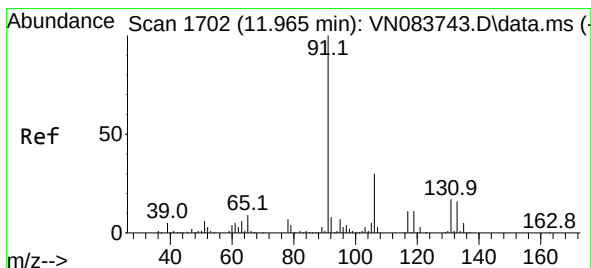
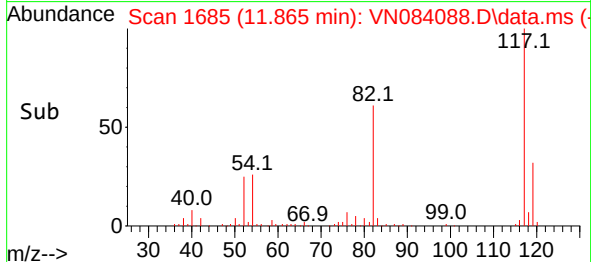
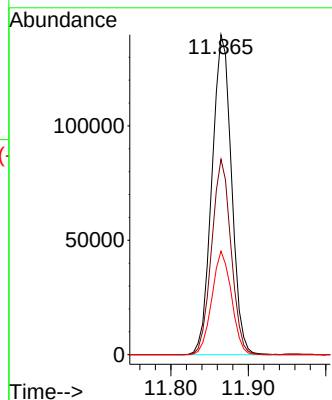
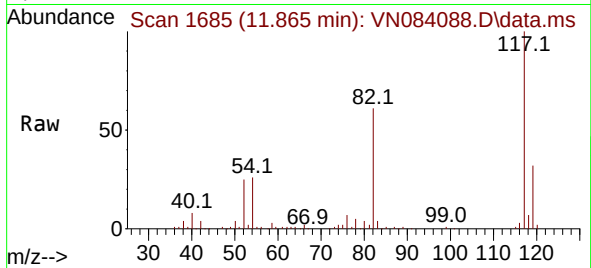




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

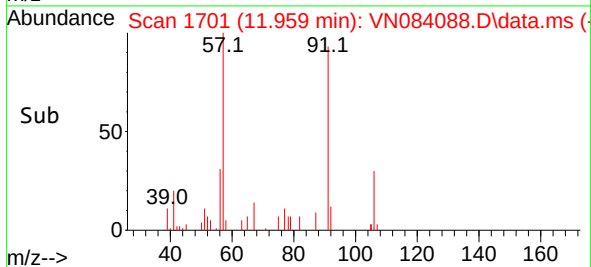
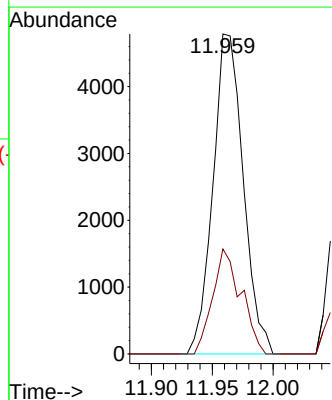
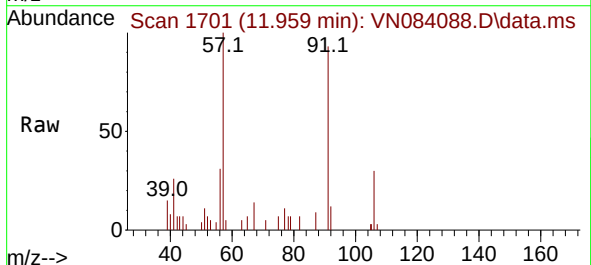
Instrument :
MSVOA_N
ClientSampleId :

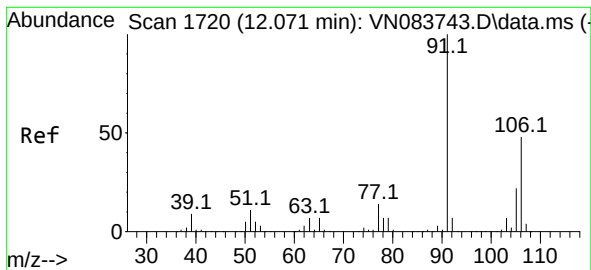
Tgt Ion:117 Resp: 245222
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 0.855 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 91 Resp: 8275
Ion Ratio Lower Upper
91 100
106 32.8 24.3 36.5





#68

m/p-Xylenes

Concen: 1.506 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

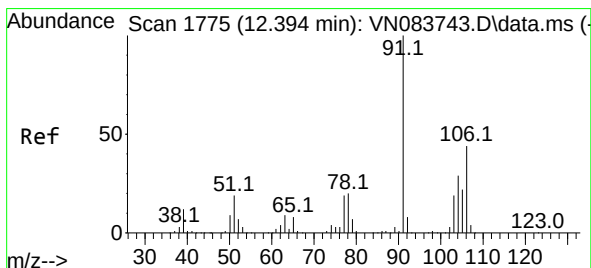
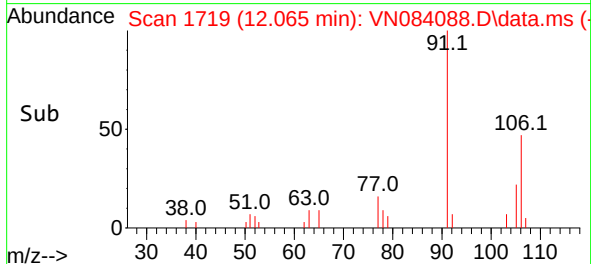
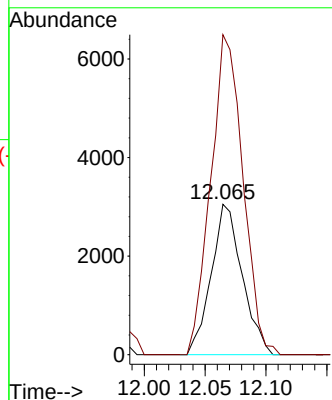
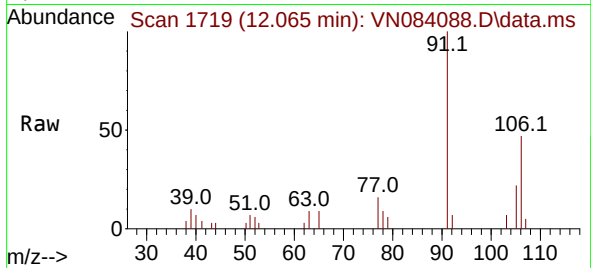
ClientSampleId :

Tgt Ion:106 Resp: 5412

Ion Ratio Lower Upper

106 100

91 220.8 169.2 253.8



#69

o-Xylene

Concen: 0.843 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN084088.D

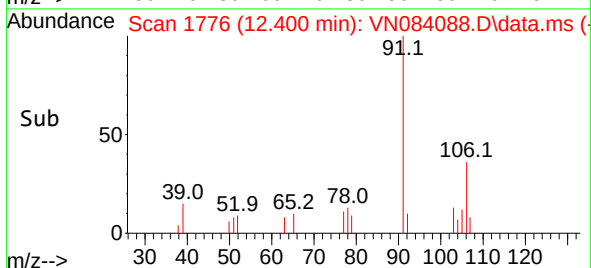
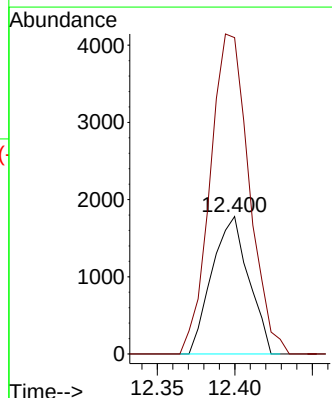
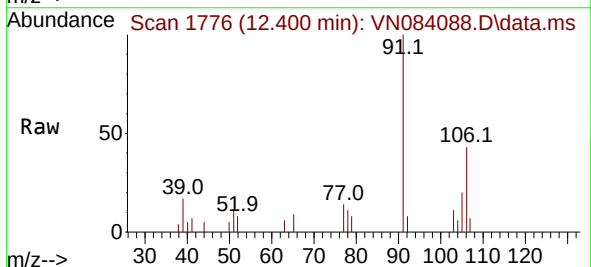
Acq: 21 Sep 2024 04:11 am

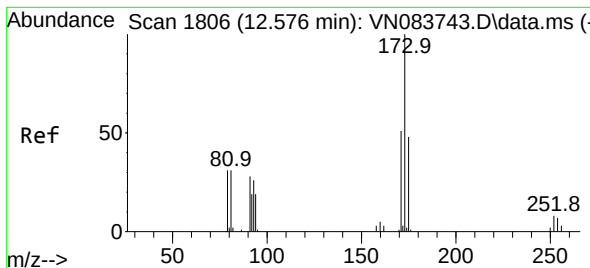
Tgt Ion:106 Resp: 2933

Ion Ratio Lower Upper

106 100

91 246.8 112.9 338.6





#71

Bromoform

Concen: 0.513 ug/l

RT: 12.841 min Scan# 1

Delta R.T. 0.265 min

Lab File: VN084088.D

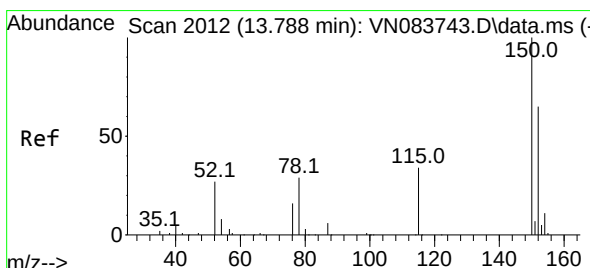
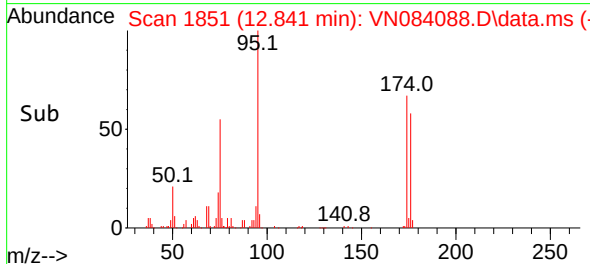
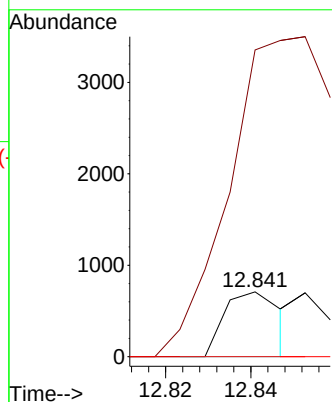
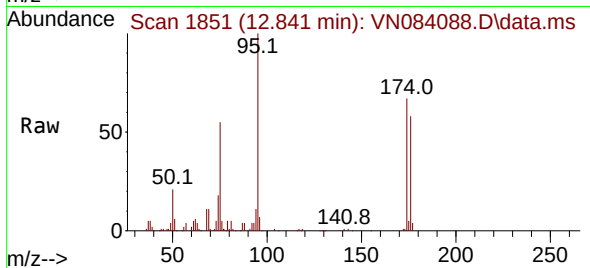
Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 653
 Ion Ratio Lower Upper
 173 100
 175 0.0 24.1 72.2#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

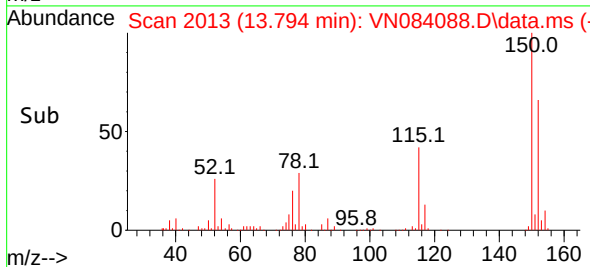
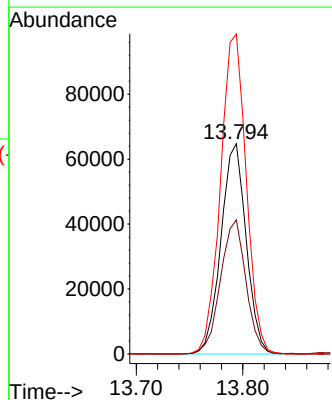
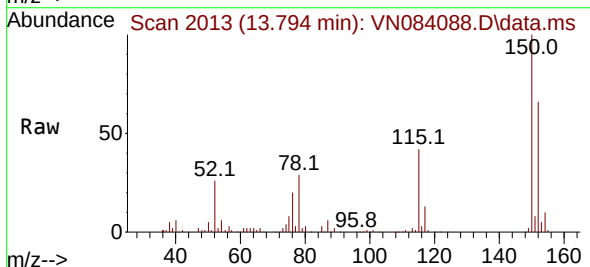
RT: 13.794 min Scan# 2013

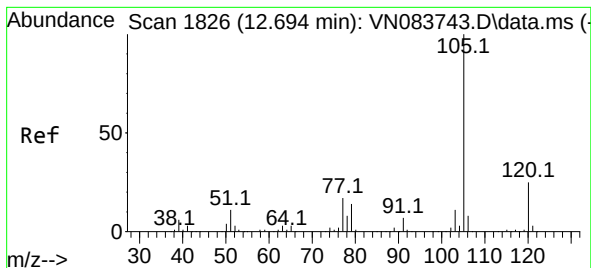
Delta R.T. 0.006 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

Tgt Ion:152 Resp: 106447
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.2 96.6
 150 155.2 0.0 348.6





#73

Isopropylbenzene

Concen: 3.334 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

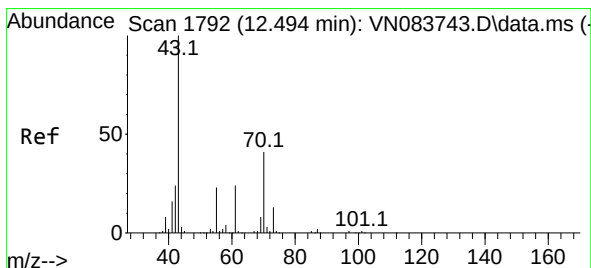
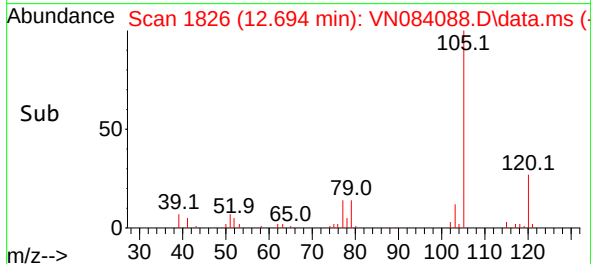
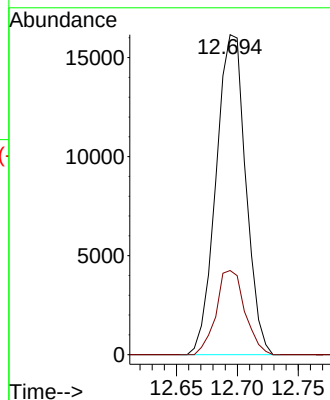
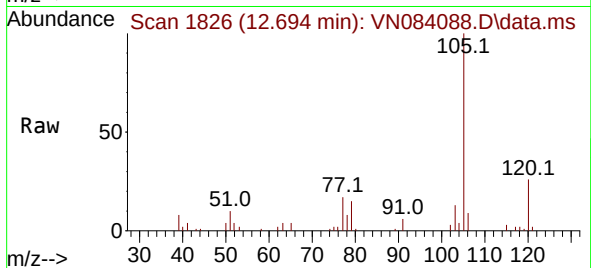
ClientSampleId :

Tgt Ion:105 Resp: 27454

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 0.223 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

Tgt Ion: 43 Resp: 783

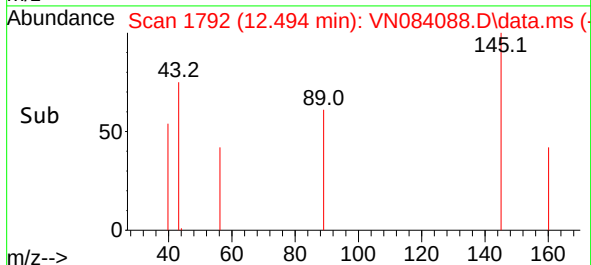
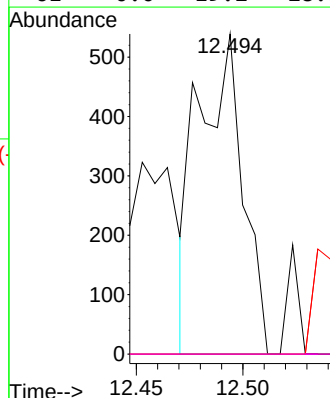
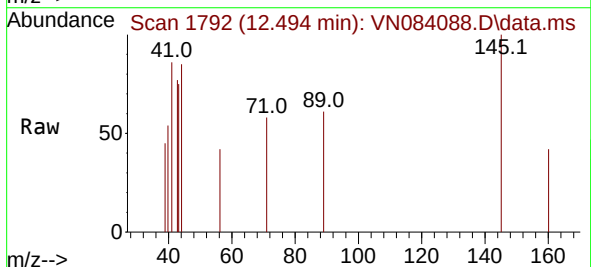
Ion Ratio Lower Upper

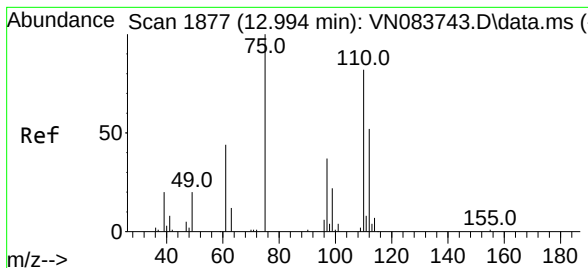
43 100

70 0.0 34.5 51.7#

55 0.0 18.6 28.0#

61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 32.634 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

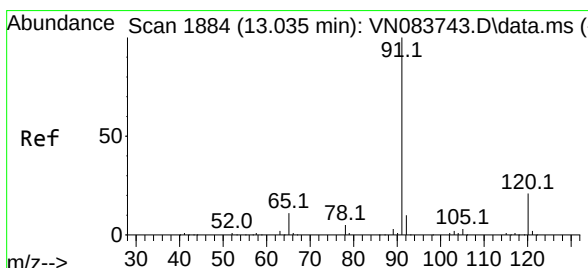
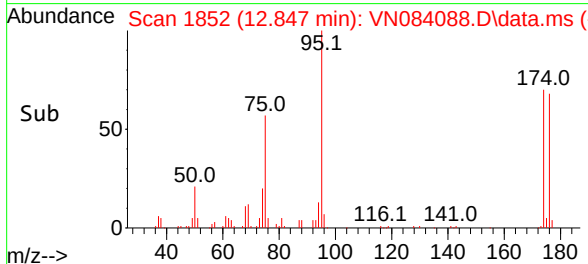
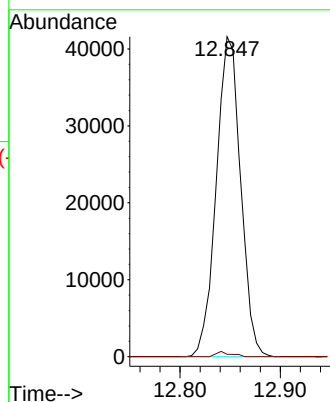
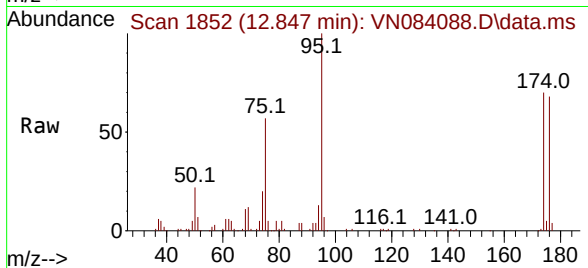
ClientSampleId :

Tgt Ion: 75 Resp: 70094

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#78

n-propylbenzene

Concen: 4.939 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084088.D

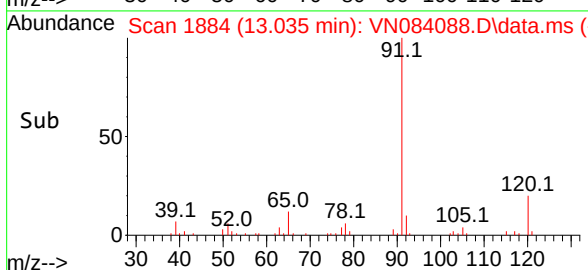
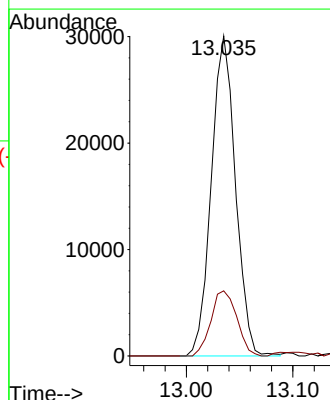
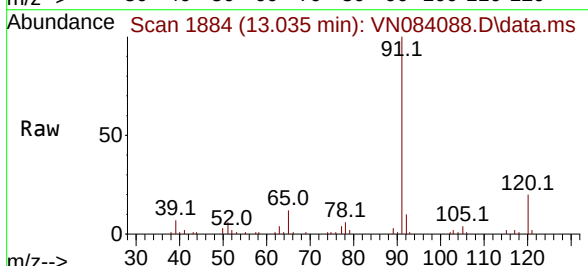
Acq: 21 Sep 2024 04:11 am

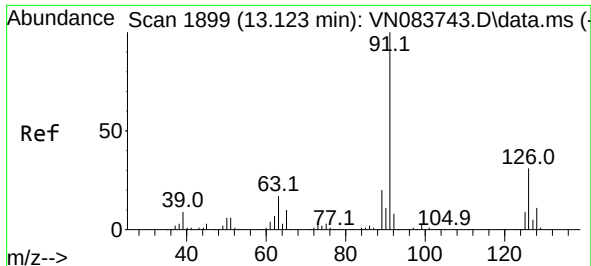
Tgt Ion: 91 Resp: 47324

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0

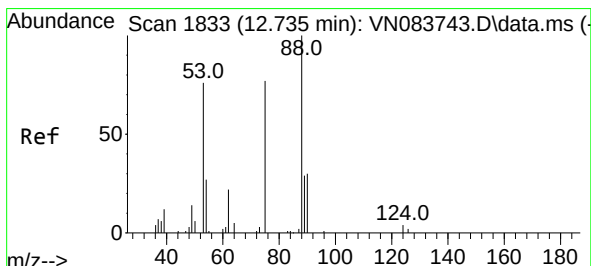
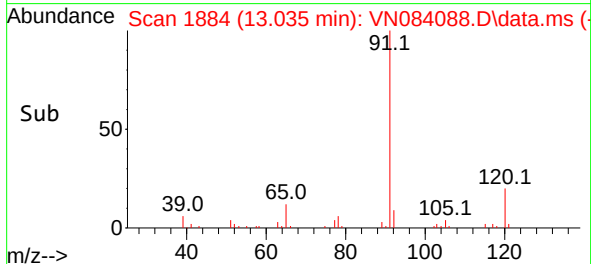
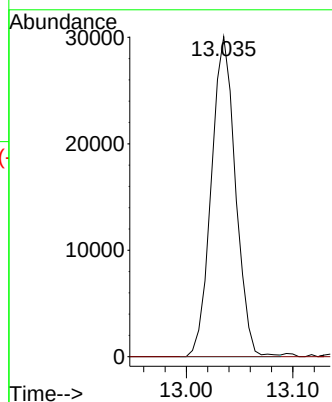
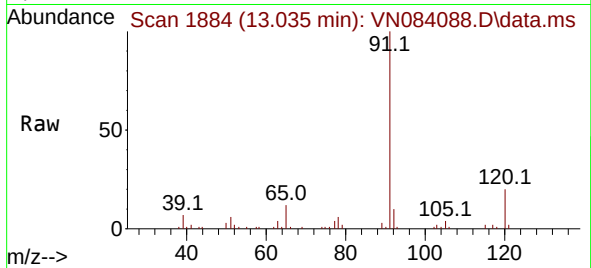




#79
2-Chlorotoluene
Concen: 7.744 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.088 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

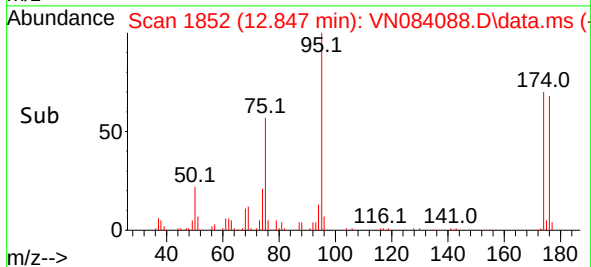
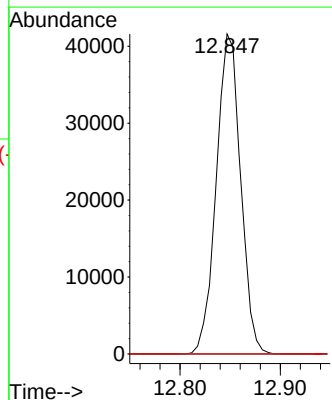
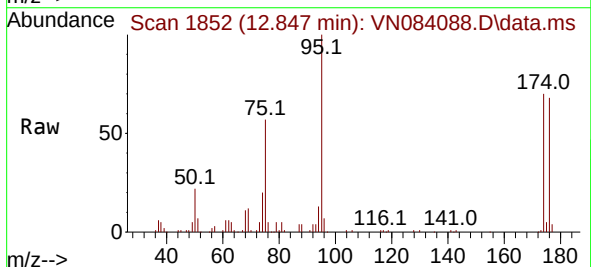
Instrument :
MSVOA_N
ClientSampleId :

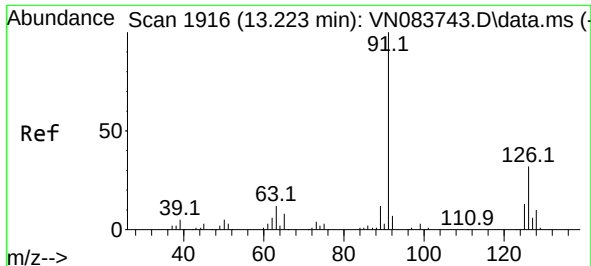
Tgt Ion: 91 Resp: 47324
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.471 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion: 75 Resp: 70094
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

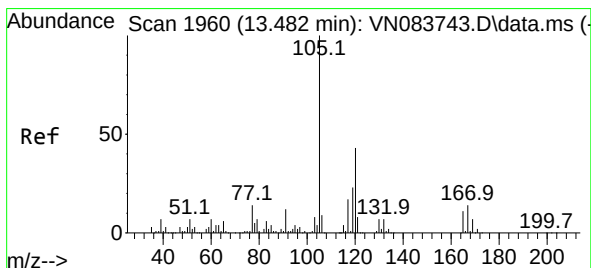
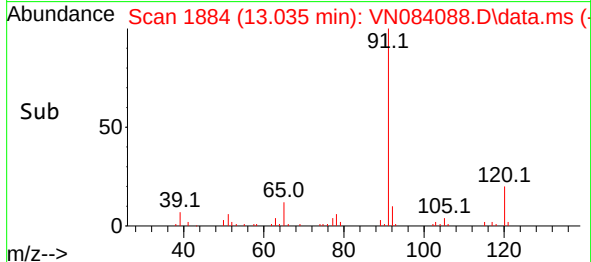
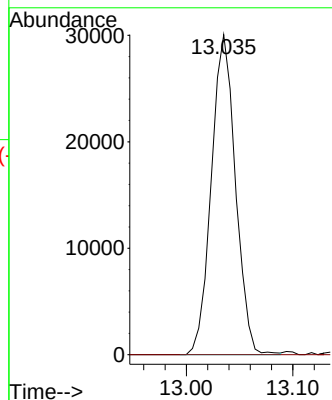
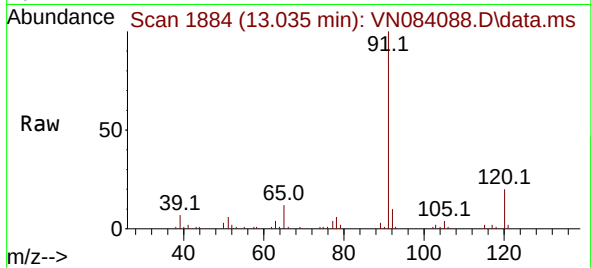




#82
4-Chlorotoluene
Concen: 7.717 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.188 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

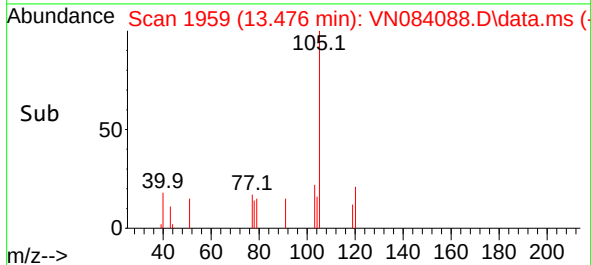
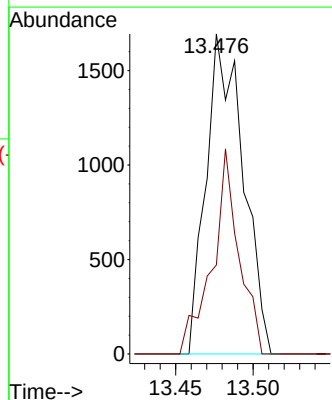
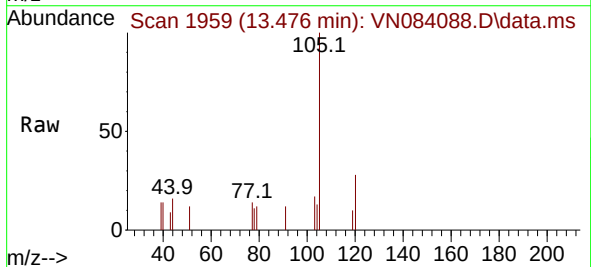
Instrument :
MSVOA_N
ClientSampleId :

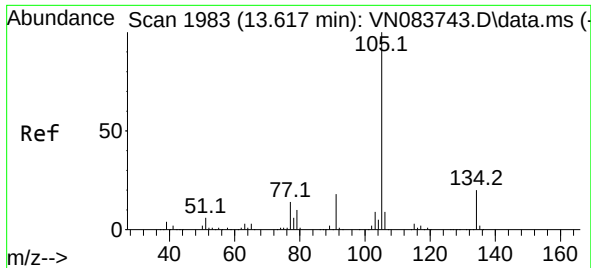
Tgt Ion: 91 Resp: 47324
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.402 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion:105 Resp: 2807
Ion Ratio Lower Upper
105 100
120 46.2 21.8 65.4

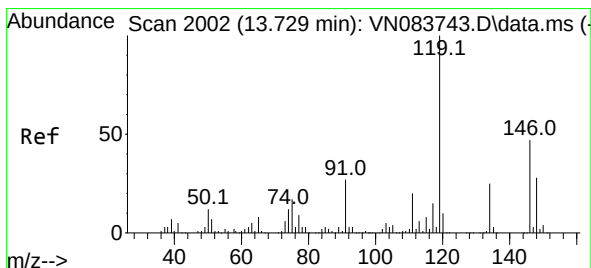
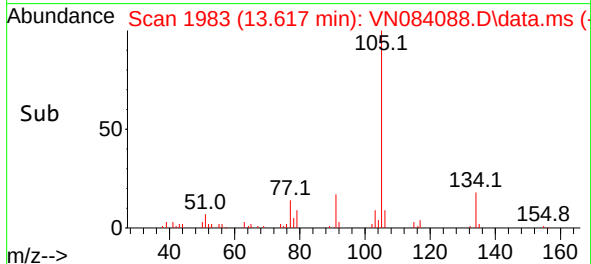
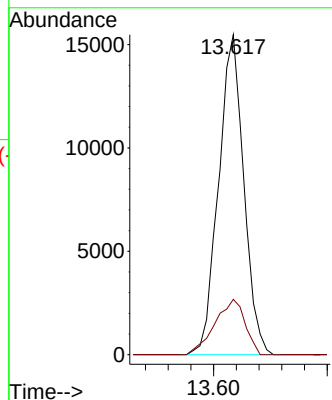
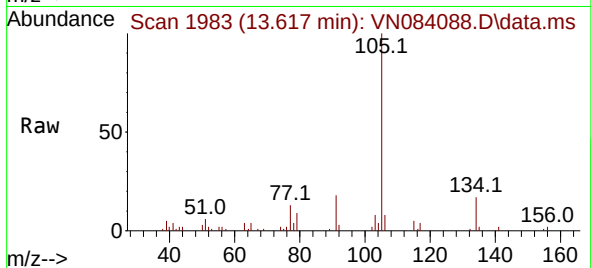




#85
sec-Butylbenzene
Concen: 2.958 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

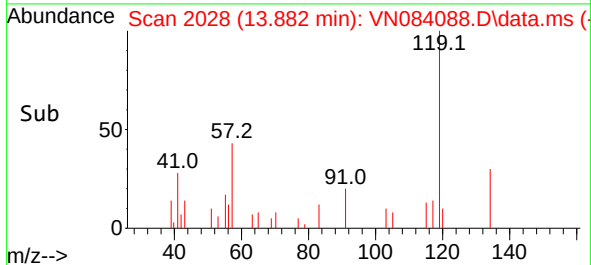
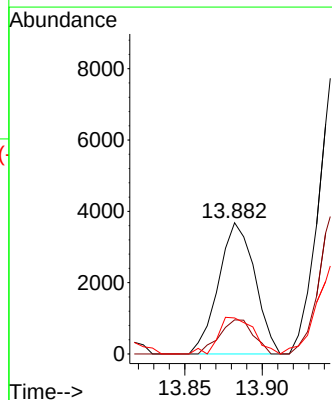
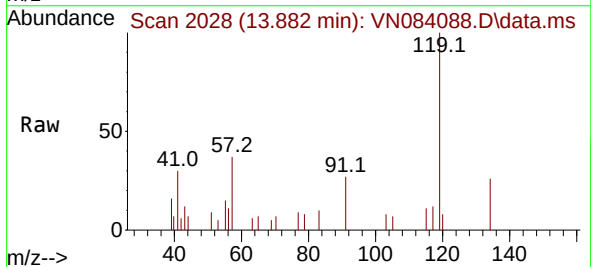
Instrument :
MSVOA_N
ClientSampleId :

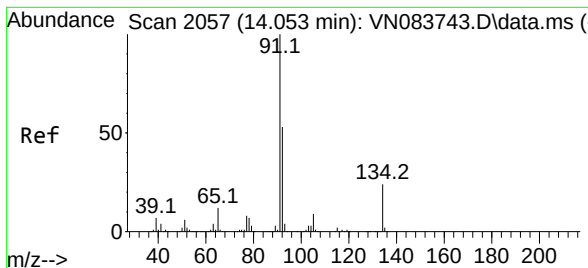
Tgt Ion:105 Resp: 23833
Ion Ratio Lower Upper
105 100
134 20.7 9.7 29.1



#86
p-Isopropyltoluene
Concen: 0.888 ug/l
RT: 13.882 min Scan# 2028
Delta R.T. 0.153 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11 am

Tgt Ion:119 Resp: 5994
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.3
91 27.3 12.9 38.7





#89

n-Butylbenzene

Concen: 2.330 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084088.D

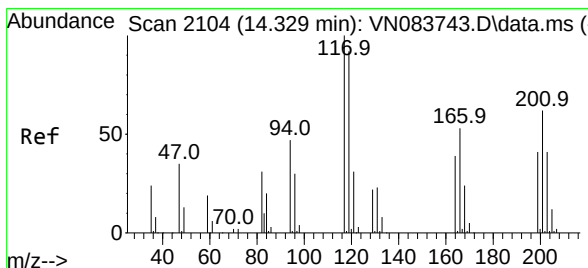
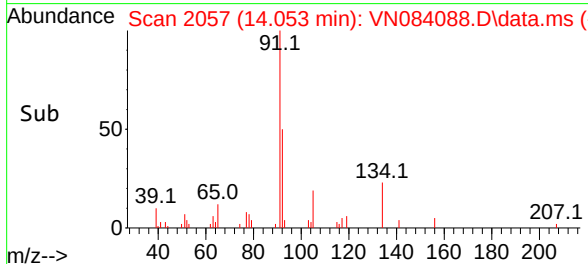
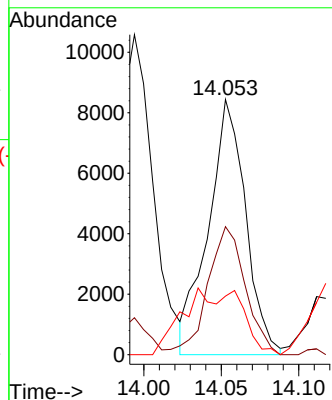
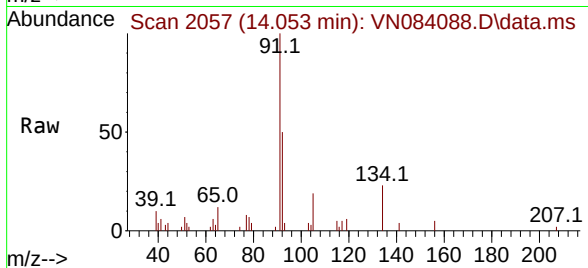
Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 14130
Ion Ratio	Lower Upper
91	100
92	50.2 26.7 80.1
134	24.2 12.2 36.4



#90

Hexachloroethane

Concen: 5.162 ug/l

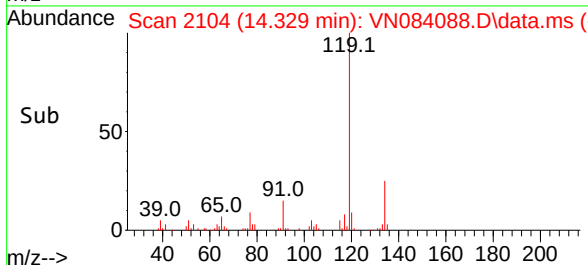
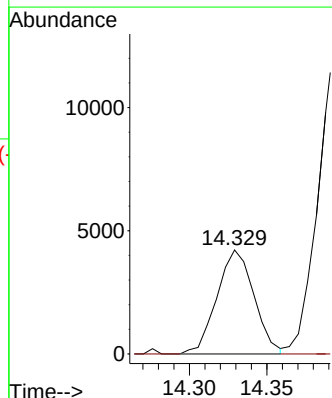
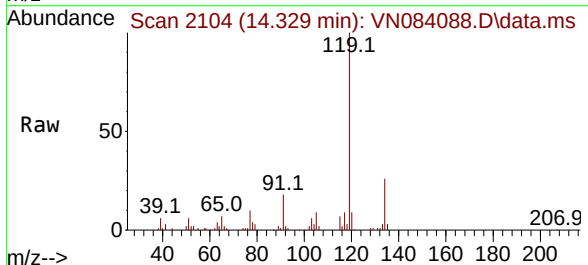
RT: 14.329 min Scan# 2104

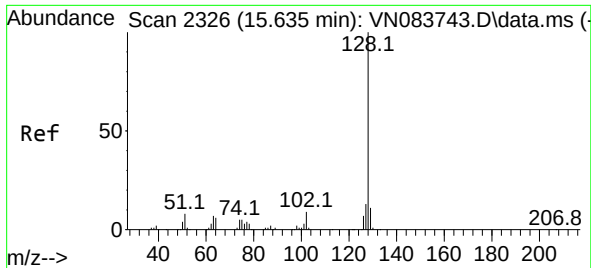
Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11 am

Tgt Ion: 117	Resp: 7007
Ion Ratio	Lower Upper
117	100
201	0.0 32.8 98.3#



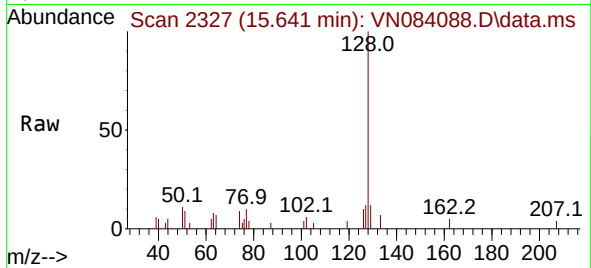


#95
 Naphthalene
 Concen: 1.860 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084088.D
 Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.2
129	2.9	8.7	13.1

