

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084087.D
 Acq On : 21 Sep 2024 03:47 am
 Operator : JC\MD
 Sample : P4103-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 05:24:52 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	8.224	168	149058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118871	52.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.780%	
35) Dibromofluoromethane	8.165	113	85757	50.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	10.565	98	323344	55.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.360%	
62) 4-Bromofluorobenzene	12.847	95	121667	50.329	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.660%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	113	Below Cal	#	41
11) Tert butyl alcohol	5.512	59	141	0.468	ug/l #	71
13) Acrolein	4.194	56	84	0.283	ug/l #	13
14) Allyl chloride	5.288	41	7797	2.714	ug/l #	62
15) Acrylonitrile	5.824	53	1069	1.306	ug/l #	24
16) Acetone	4.424	43	55771	61.899	ug/l #	89
17) Carbon Disulfide	4.706	76	2064	0.458	ug/l #	75
18) Methyl Acetate	5.024	43	769	Below Cal	#	86
20) Methylene Chloride	5.271	84	4517	2.450	ug/l	92
25) 2-Butanone	7.488	43	15349	12.961	ug/l #	88
29) Tetrahydrofuran	7.841	42	852	1.217	ug/l #	42
31) Cyclohexane	8.229	56	7346	2.261	ug/l #	67
36) 1,1-Dichloropropene	8.224	75	14751	5.782	ug/l #	44
37) Ethyl Acetate	7.488	43	15349	6.629	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17407	6.015	ug/l #	17
39) Methylcyclohexane	9.600	83	10858	3.739	ug/l	88
40) Benzene	8.606	78	10716	1.396	ug/l	98
41) Methacrylonitrile	7.841	41	746	0.545	ug/l #	32
43) Isopropyl Acetate	8.688	43	38758	9.236	ug/l #	78
48) Methyl methacrylate	9.665	41	3728	1.873	ug/l #	44
51) 4-Methyl-2-Pentanone	10.441	43	8408	3.681	ug/l	90
52) Toluene	10.629	92	319639	68.057	ug/l	98
53) t-1,3-Dichloropropene	10.629	75	4091	1.435	ug/l #	1
54) cis-1,3-Dichloropropene	10.353	75	24585	8.208	ug/l #	69
55) 1,1,2-Trichloroethane	11.000	97	1907	1.088	ug/l #	15
57) 1,3-Dichloropropane	11.206	76	1504	0.499	ug/l #	42
59) 2-Hexanone	11.170	43	101999	60.366	ug/l #	24
67) Ethyl Benzene	11.965	91	647690	70.998	ug/l	99
68) m/p-Xylenes	12.065	106	812138	239.787	ug/l	99
69) o-Xylene	12.400	106	450467	137.389	ug/l	99
70) Styrene	12.394	104	22846	4.246	ug/l #	1
73) Isopropylbenzene	12.694	105	113854	14.150	ug/l	99
74) N-amyl acetate	12.576	43	895	0.261	ug/l #	47
76) 1,2,3-Trichloropropane	13.029	75	2746	1.309	ug/l #	1
78) n-propylbenzene	13.035	91	380891	40.686	ug/l	98
79) 2-Chlorotoluene	13.094	91	84747	14.194	ug/l #	44

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Instrument :
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ClientSampleId :

Quant Time: Sep 21 05:24:52 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

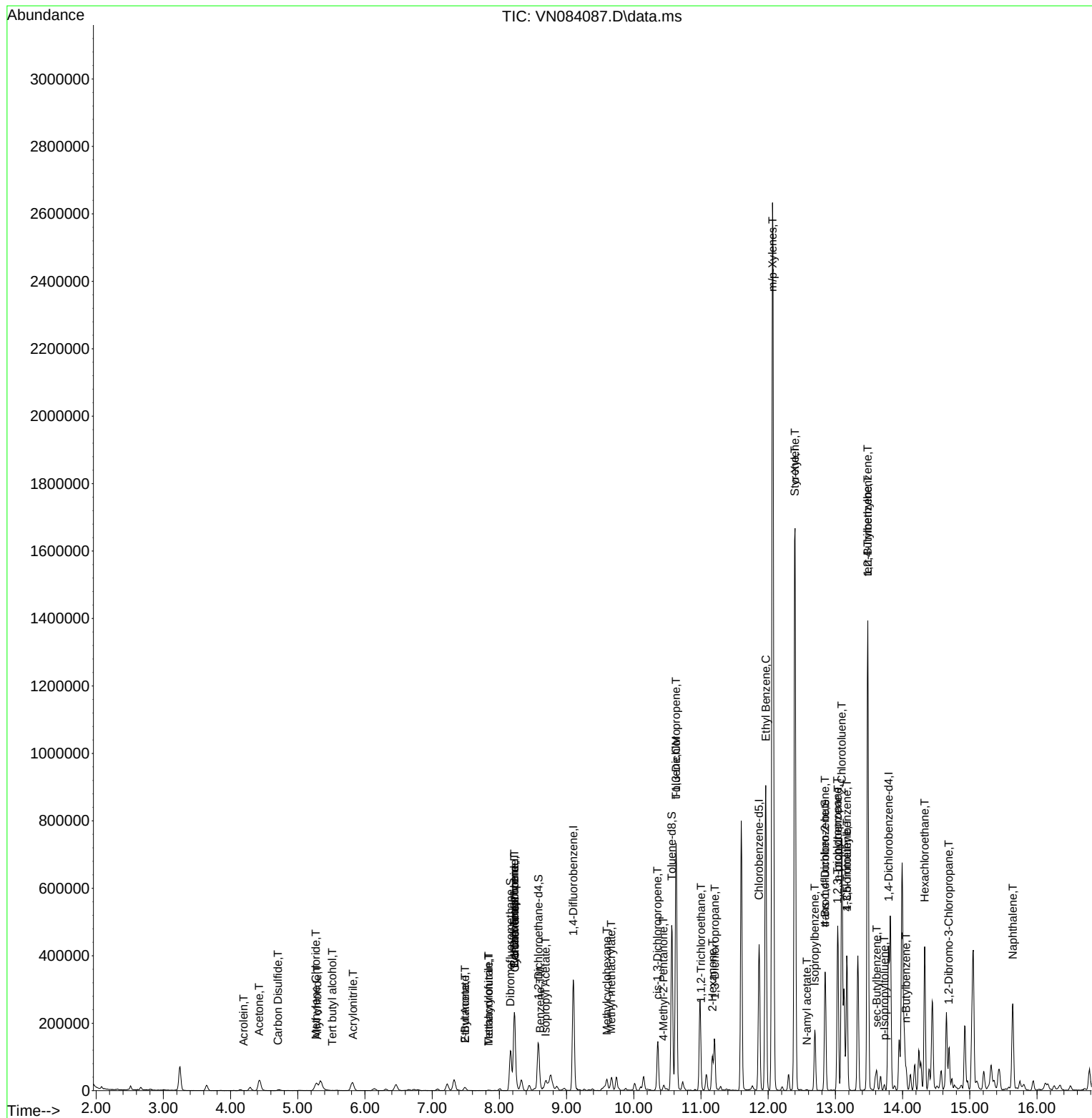
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.170	105	205918	30.355	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	67629	84.405	ug/l #	9
82) 4-Chlorotoluene	13.170	91	24238	4.045	ug/l #	44
83) tert-Butylbenzene	13.482	119	89149	15.021	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.482	105	762013	111.827	ug/l	99
85) sec-Butylbenzene	13.617	105	34150	4.339	ug/l #	73
86) p-Isopropyltoluene	13.729	119	8628	1.308	ug/l	95
89) n-Butylbenzene	14.053	91	30737	5.189	ug/l #	84
90) Hexachloroethane	14.329	117	22064	16.635	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.688	75	459	0.974	ug/l #	7
95) Naphthalene	15.641	128	232401	40.353	ug/l	99

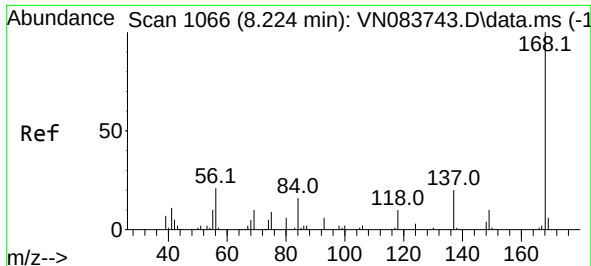
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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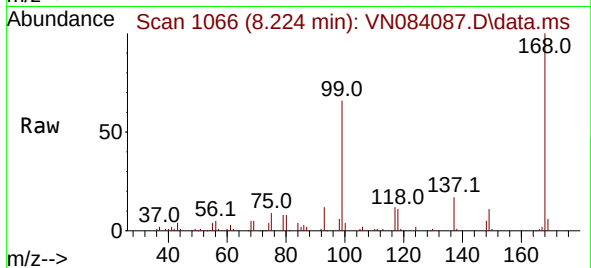
Quant Time: Sep 21 05:24:52 2024
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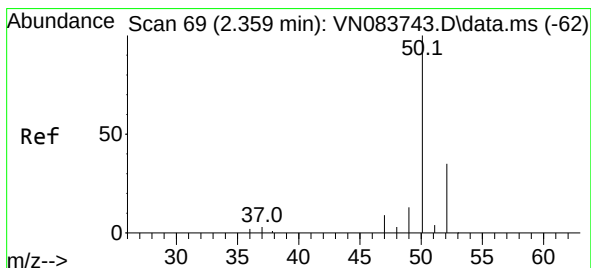
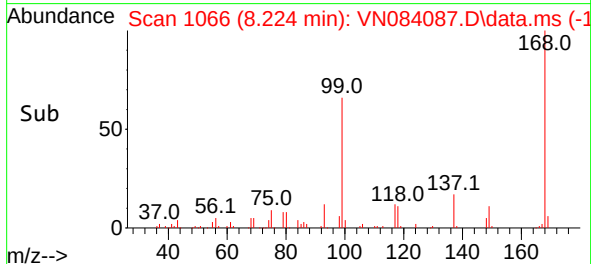
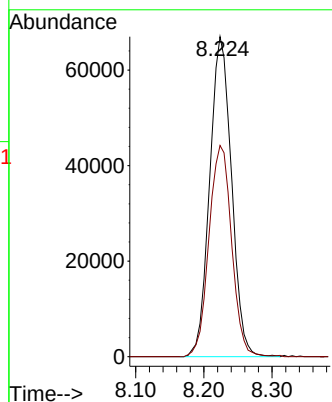


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

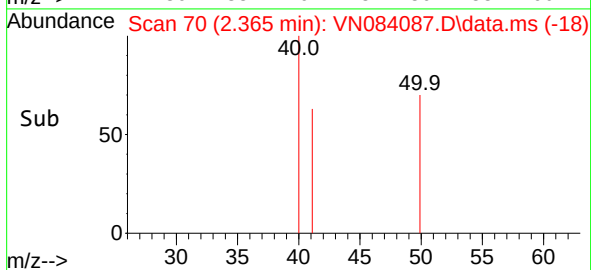
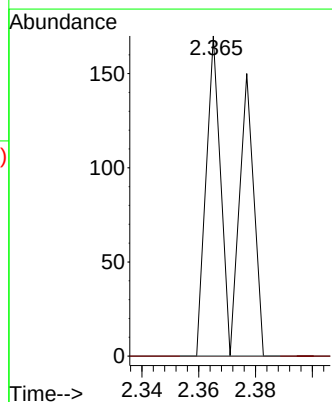
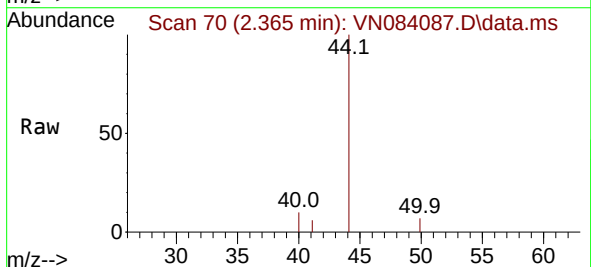


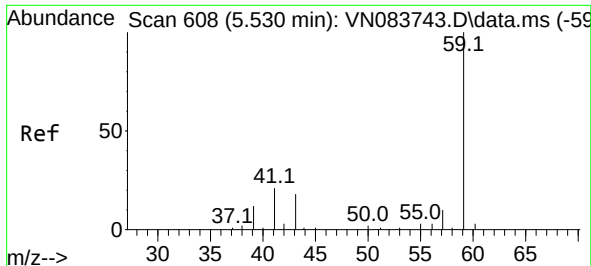
Tgt Ion:168 Resp: 149058
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: 0.468 ug/l

RT: 5.512 min Scan# 608

Delta R.T. -0.018 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

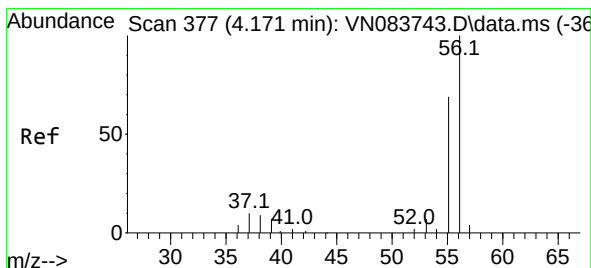
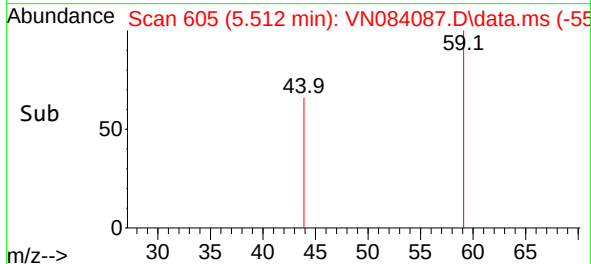
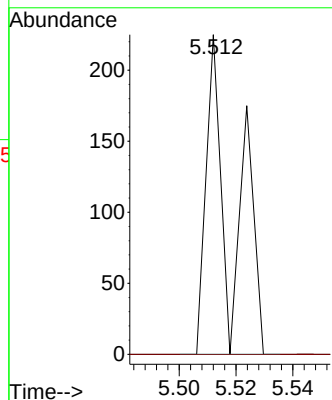
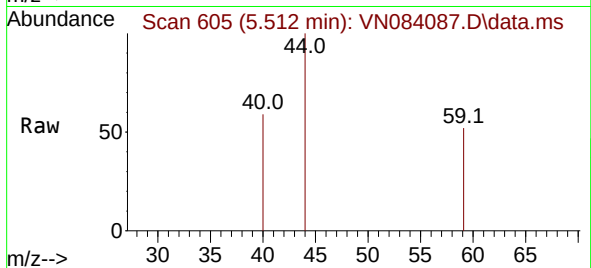
ClientSampleId :

Tgt Ion: 59 Resp: 141

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.283 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.023 min

Lab File: VN084087.D

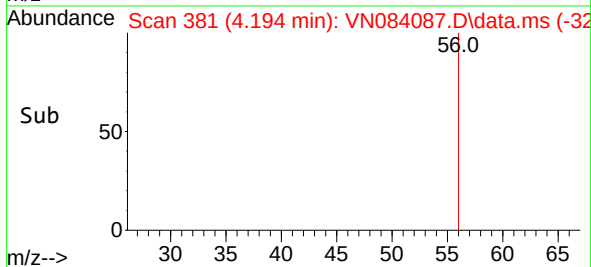
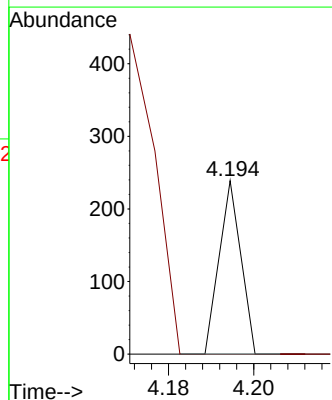
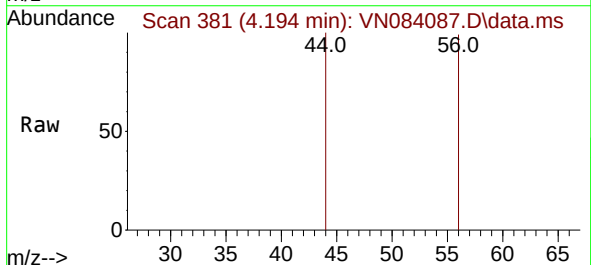
Acq: 21 Sep 2024 03:47 am

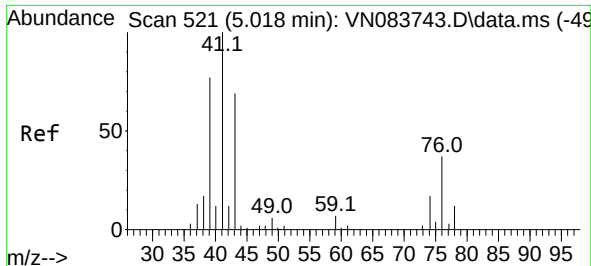
Tgt Ion: 56 Resp: 84

Ion Ratio Lower Upper

56 100

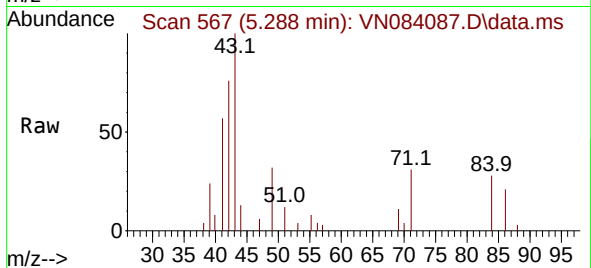
55 0.0 58.2 87.2#



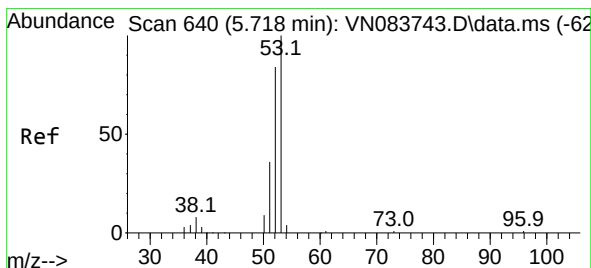
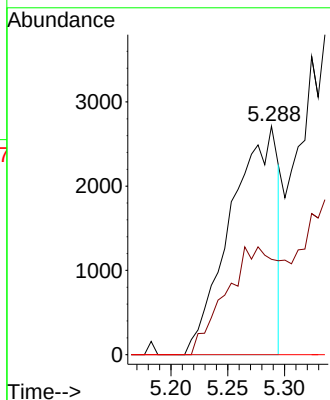
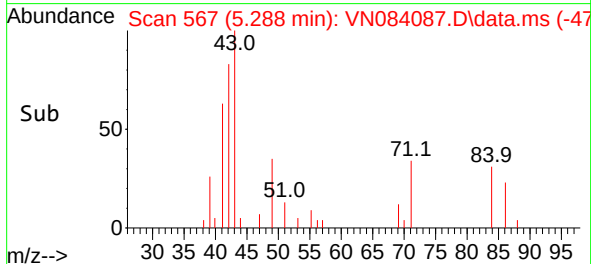


#14
 Allyl chloride
 Concen: 2.714 ug/l
 RT: 5.288 min Scan# 509
 Delta R.T. 0.270 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47

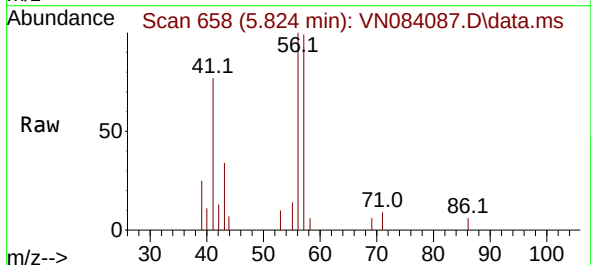
Instrument :
 MSVOA_N
 ClientSampleId :



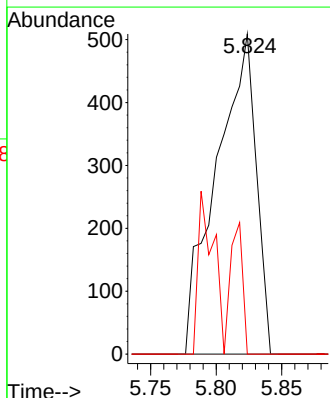
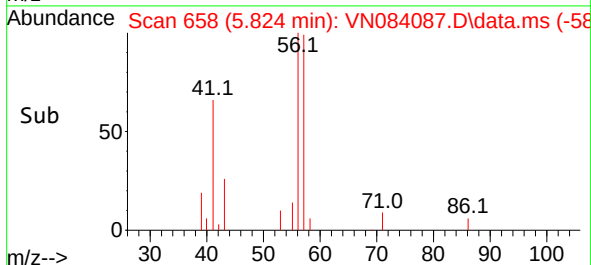
Tgt Ion: 41 Resp: 7797
 Ion Ratio Lower Upper
 41 100
 39 50.1 59.3 88.9#
 76 0.0 27.7 41.5#

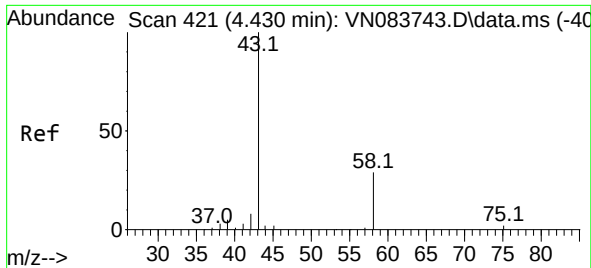


#15
 Acrylonitrile
 Concen: 1.306 ug/l
 RT: 5.824 min Scan# 658
 Delta R.T. 0.106 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47 am



Tgt Ion: 53 Resp: 1069
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.1 99.1#
 51 12.6 29.6 44.4#





#16

Acetone

Concen: 61.899 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

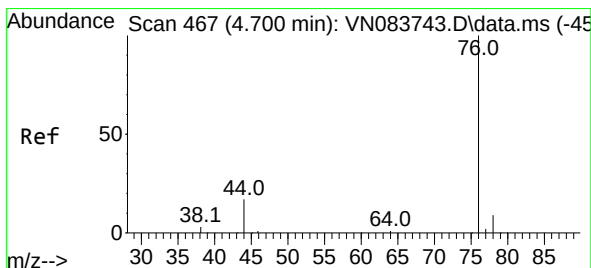
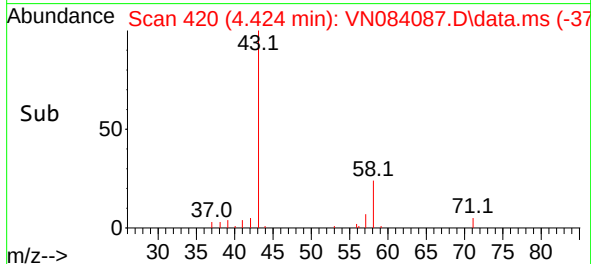
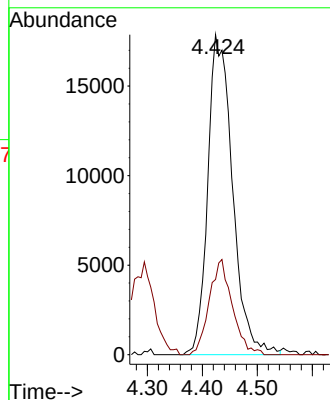
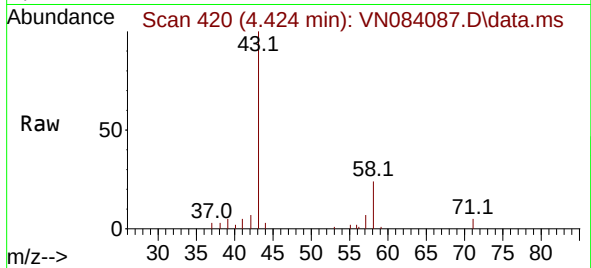
ClientSampleId :

Tgt Ion: 43 Resp: 55771

Ion Ratio Lower Upper

43 100

58 23.5 23.7 35.5#



#17

Carbon Disulfide

Concen: 0.458 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN084087.D

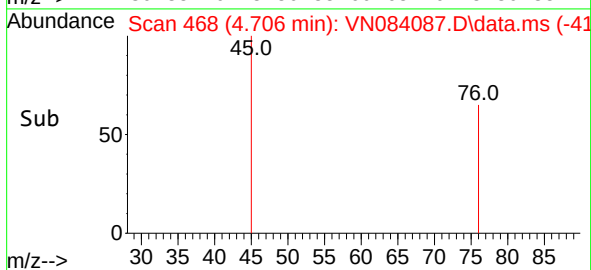
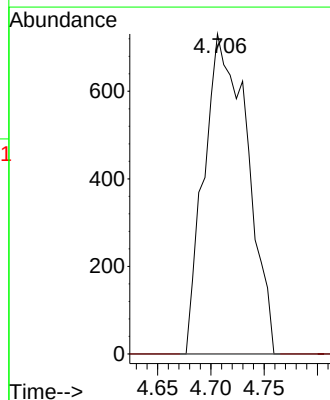
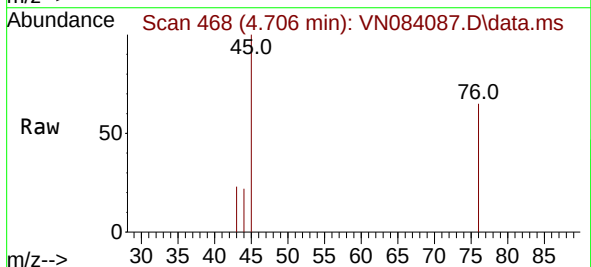
Acq: 21 Sep 2024 03:47 am

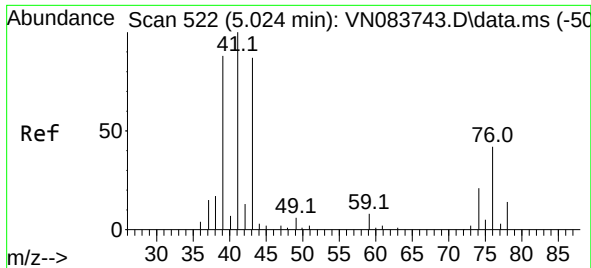
Tgt Ion: 76 Resp: 2064

Ion Ratio Lower Upper

76 100

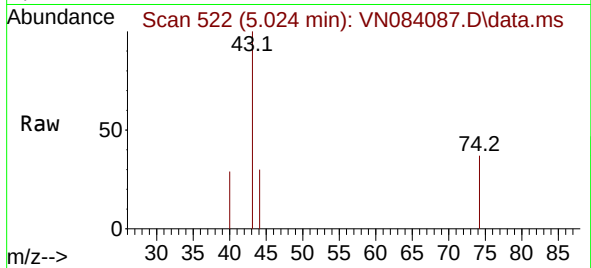
78 0.0 7.1 10.7#



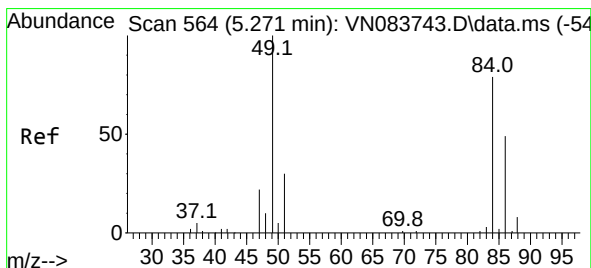
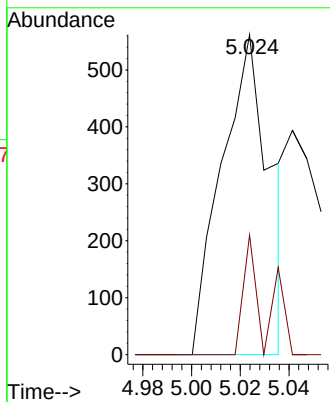
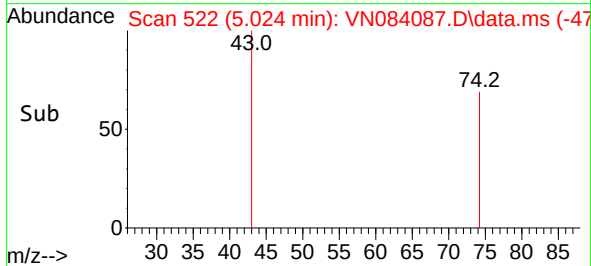


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

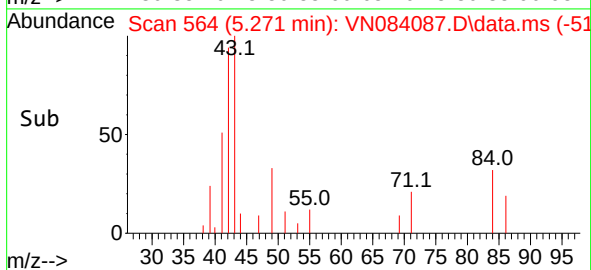
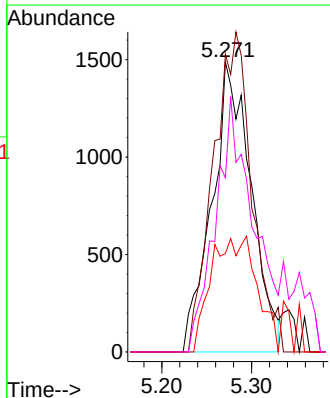
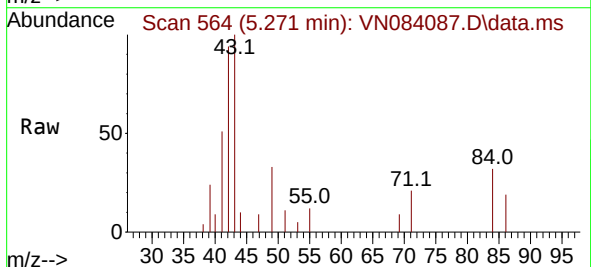


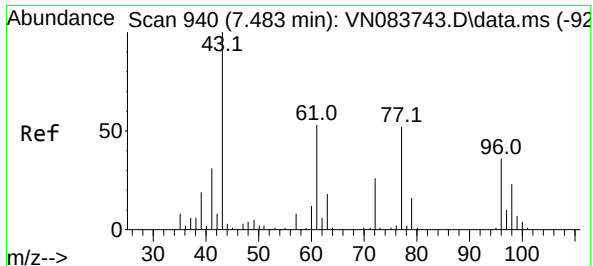
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 16.6 19.0 28.4#



#20
Methylene Chloride
Concen: 2.450 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 84 Resp: 4517
Ion Ratio Lower Upper
84 100
49 102.7 93.4 140.0
51 34.0 29.2 43.8
86 60.1 46.9 70.3





#25

2-Butanone

Concen: 12.961 ug/l

RT: 7.488 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

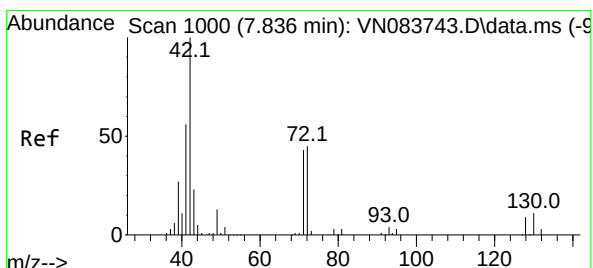
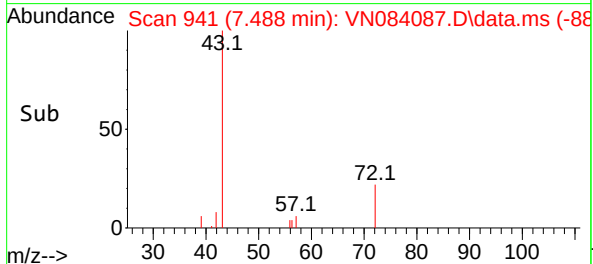
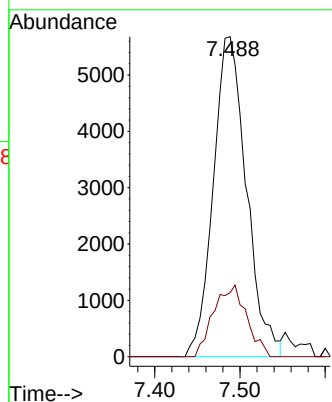
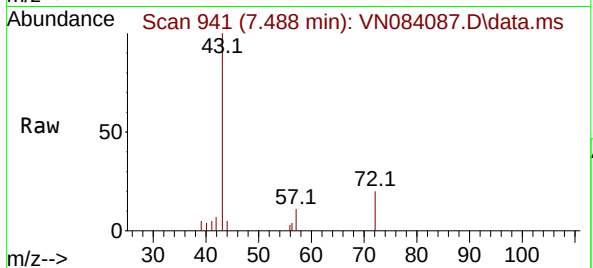
ClientSampleId :

Tgt Ion: 43 Resp: 15349

Ion Ratio Lower Upper

43 100

72 20.0 20.8 31.2#



#29

Tetrahydrofuran

Concen: 1.217 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

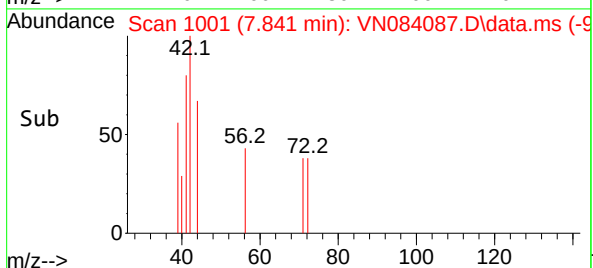
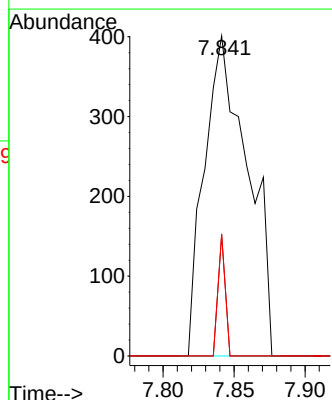
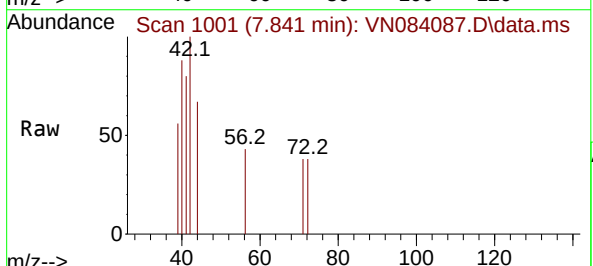
Tgt Ion: 42 Resp: 852

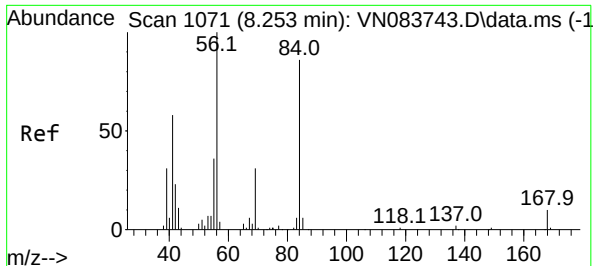
Ion Ratio Lower Upper

42 100

72 6.3 35.9 53.9#

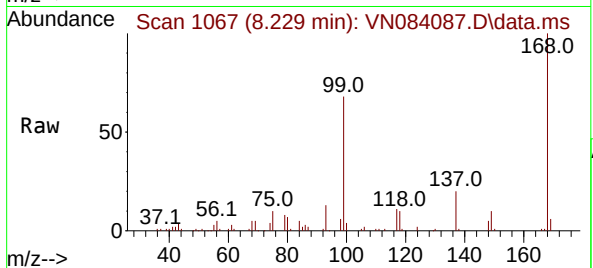
71 6.3 33.9 50.9#



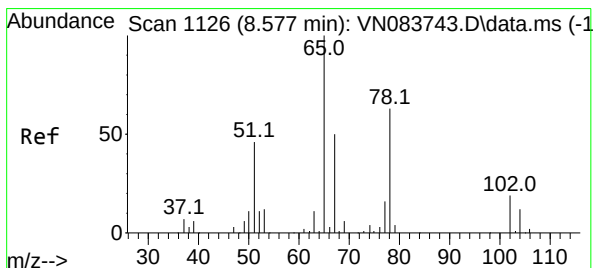
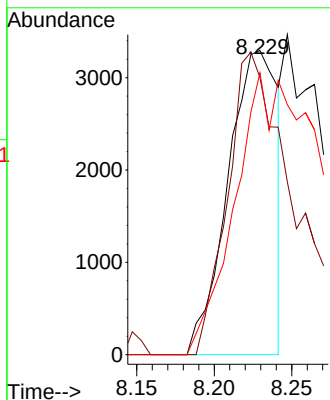
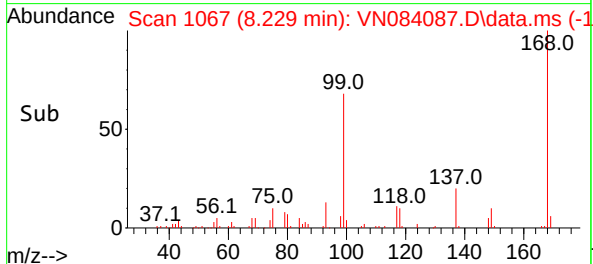


#31
Cyclohexane
Concen: 2.261 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

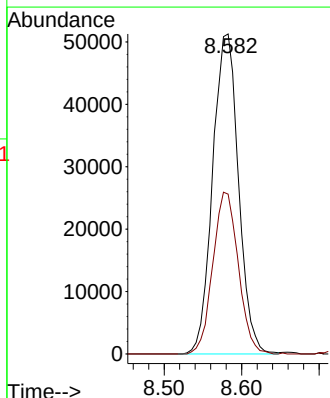
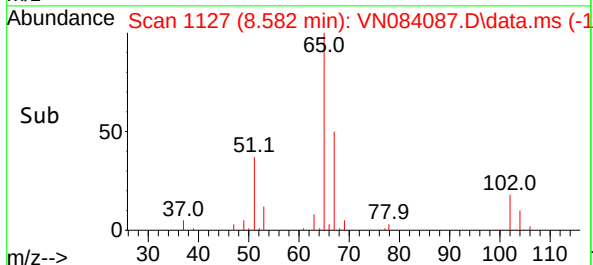
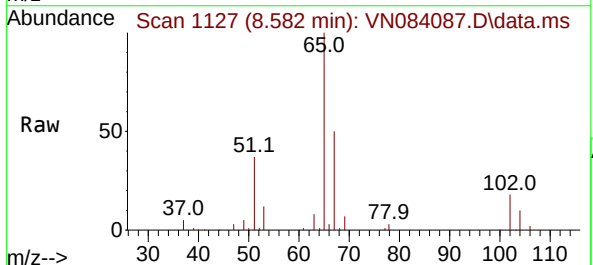


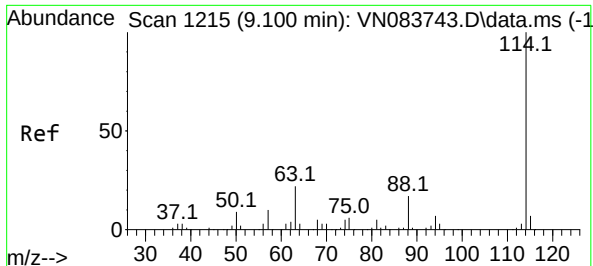
Tgt Ion: 56 Resp: 7346
Ion Ratio Lower Upper
56 100
69 91.1 26.9 40.3#
84 92.7 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 52.888 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 65 Resp: 118871
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

ClientSampleId :

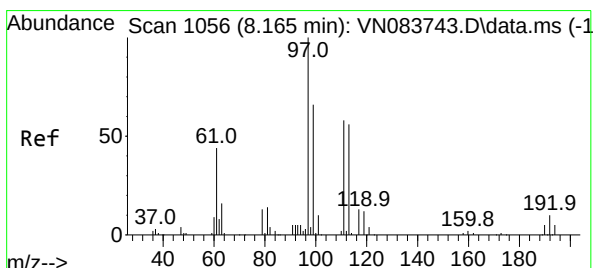
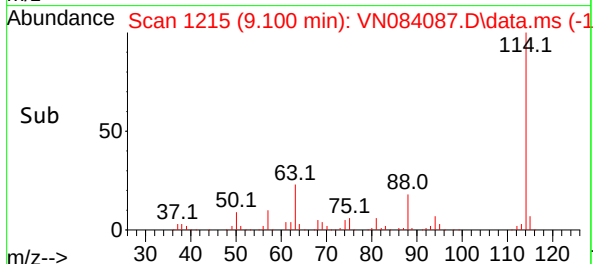
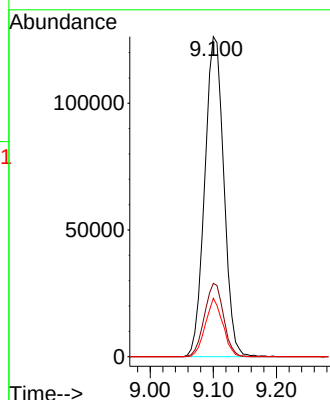
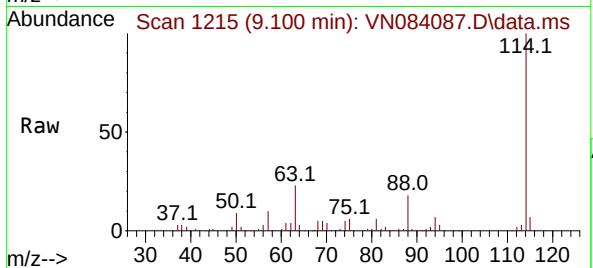
Tgt Ion:114 Resp: 264749

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 18.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.597 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

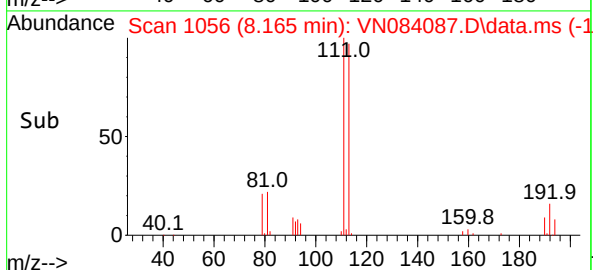
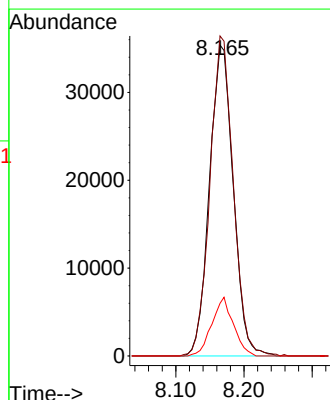
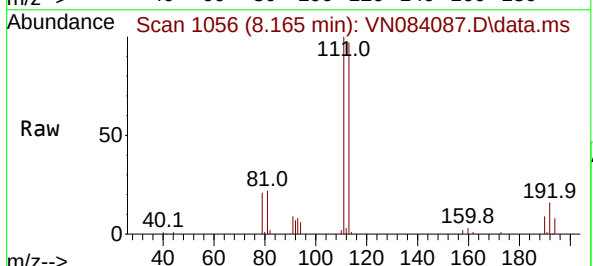
Tgt Ion:113 Resp: 85757

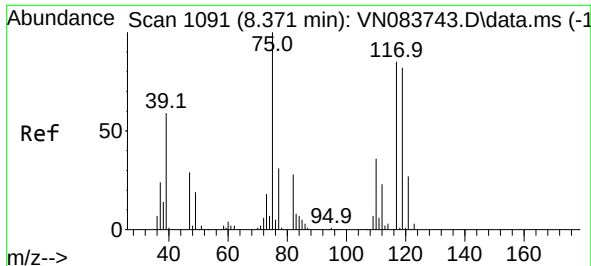
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.782 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

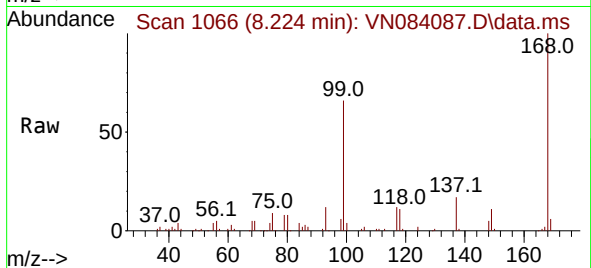
Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

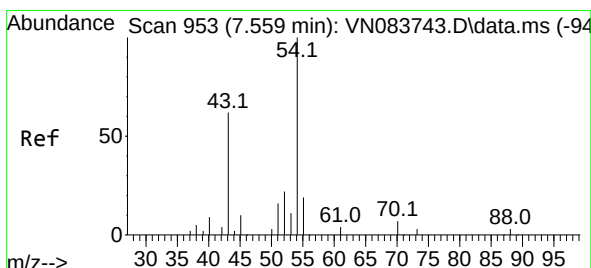
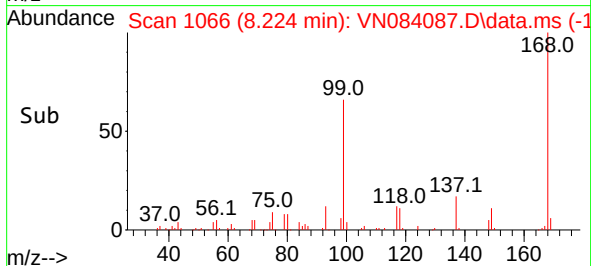
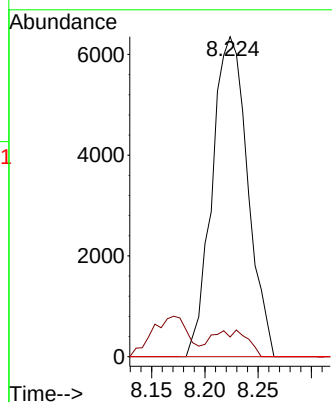
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	16.7	50.1#
77	0.0	25.2	37.8#



#37

Ethyl Acetate

Concen: 6.629 ug/l

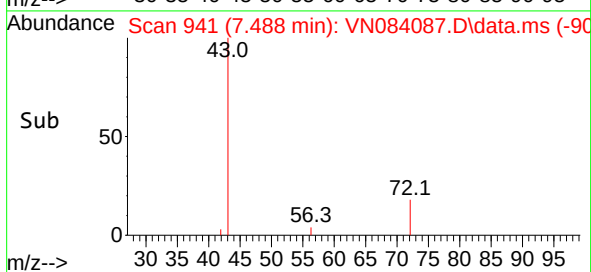
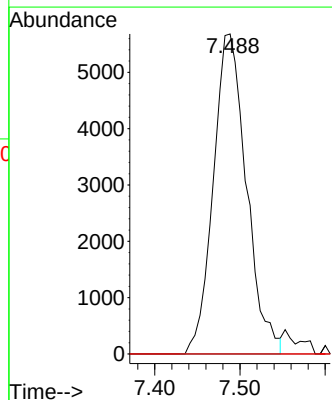
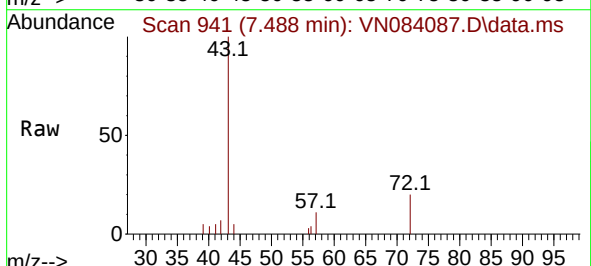
RT: 7.488 min Scan# 941

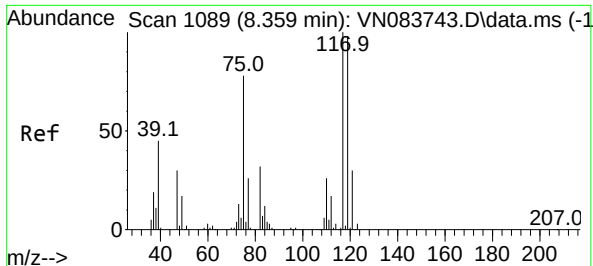
Delta R.T. -0.071 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

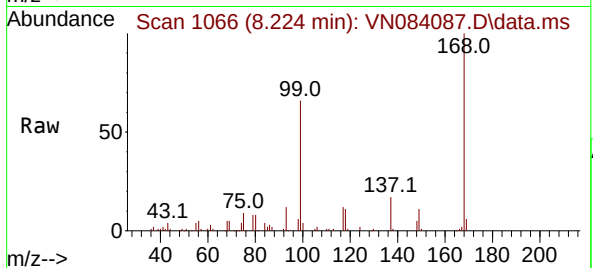
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.8	13.2#



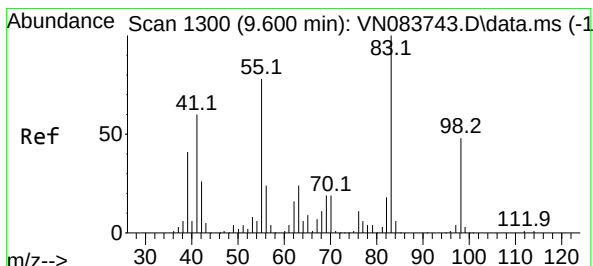
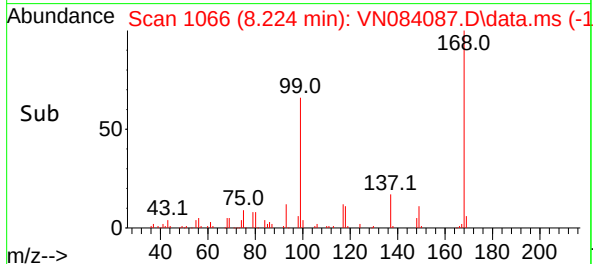
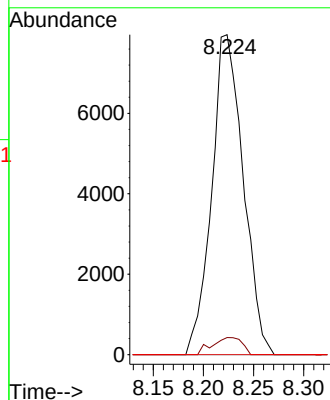


#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

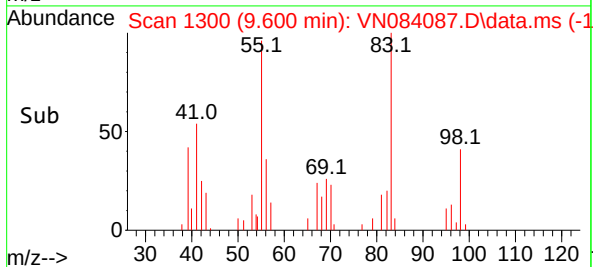
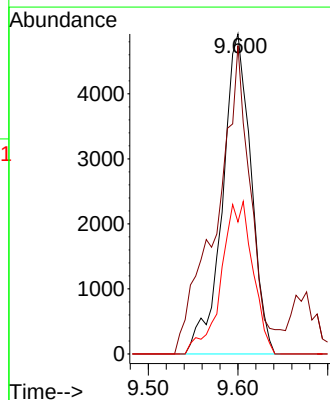
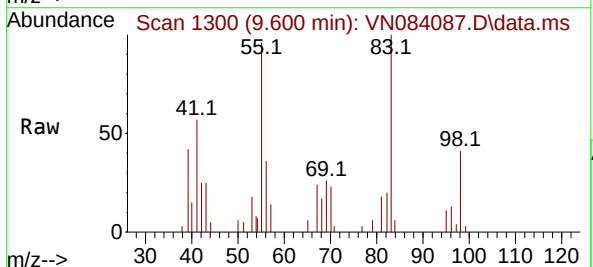


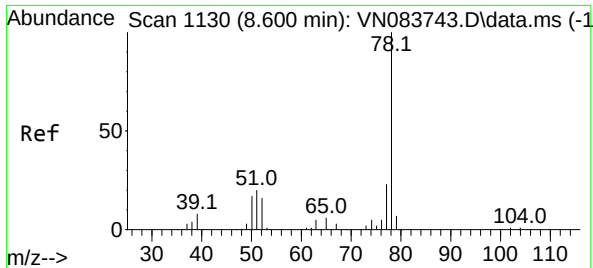
Tgt Ion:117 Resp: 17407
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 3.739 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 83 Resp: 10858
Ion Ratio Lower Upper
83 100
55 90.0 62.2 93.4
98 41.2 37.6 56.4

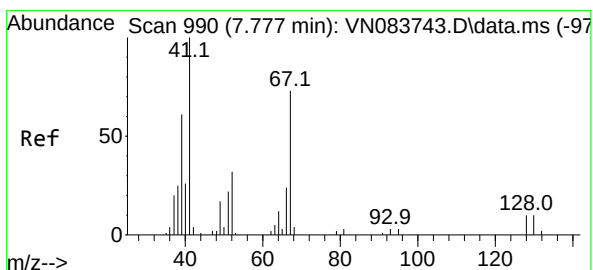
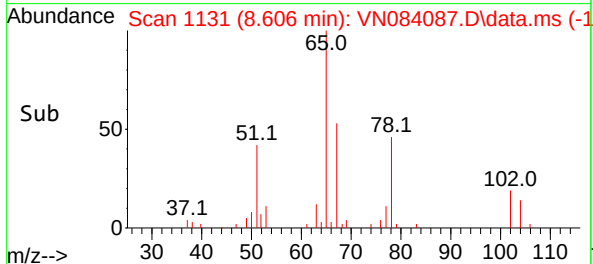
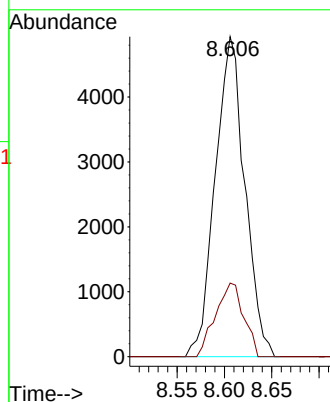
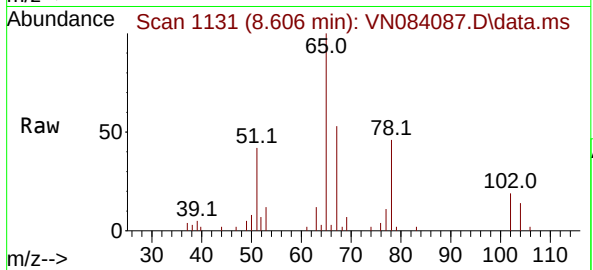




#40
Benzene
Concen: 1.396 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

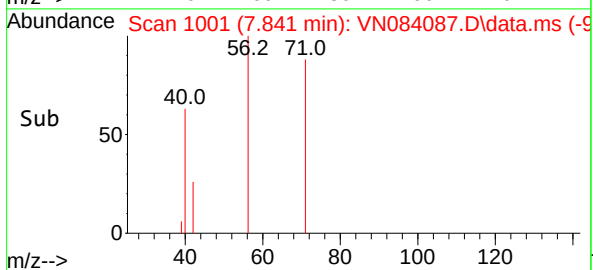
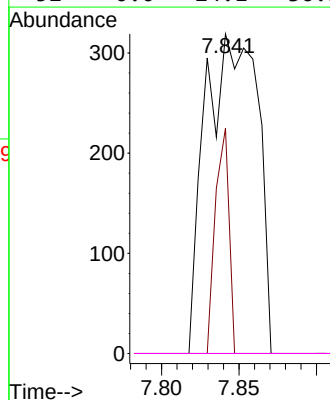
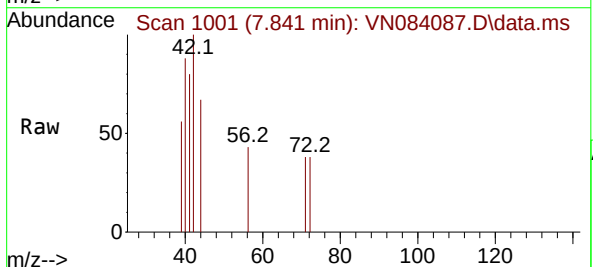
Instrument :
MSVOA_N
ClientSampleId :

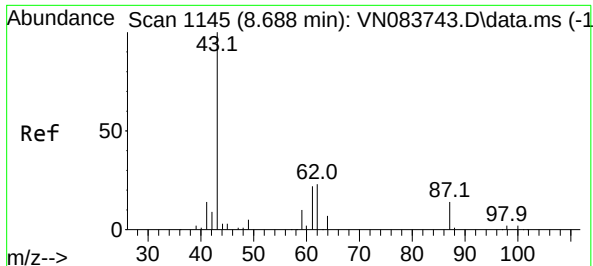
Tgt Ion: 78 Resp: 10716
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



#41
Methacrylonitrile
Concen: 0.545 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 41 Resp: 746
Ion Ratio Lower Upper
41 100
39 18.5 45.4 68.2#
67 0.0 55.9 83.9#
52 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 9.236 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

ClientSampleId :

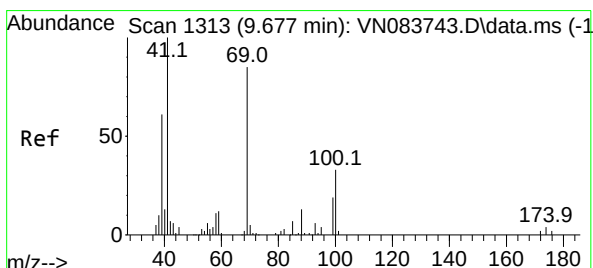
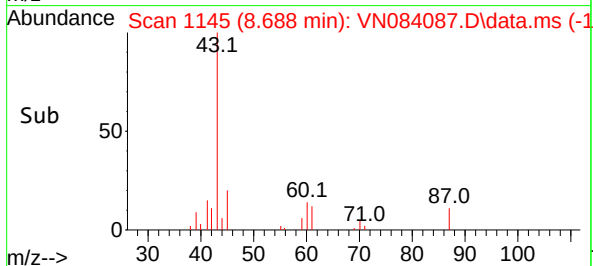
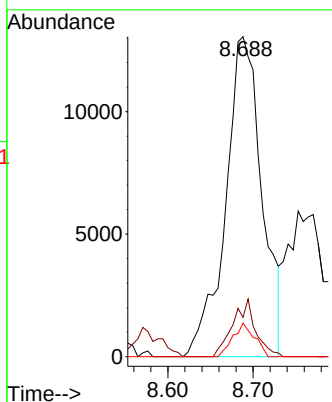
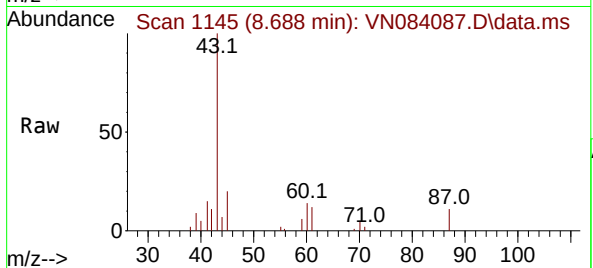
Tgt Ion: 43 Resp: 38758

Ion Ratio Lower Upper

43 100

61 11.3 19.4 29.0#

87 6.2 9.8 14.6#



#48

Methyl methacrylate

Concen: 1.873 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.012 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

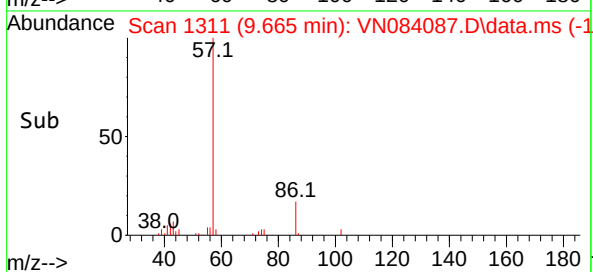
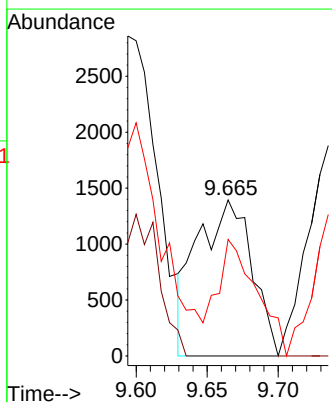
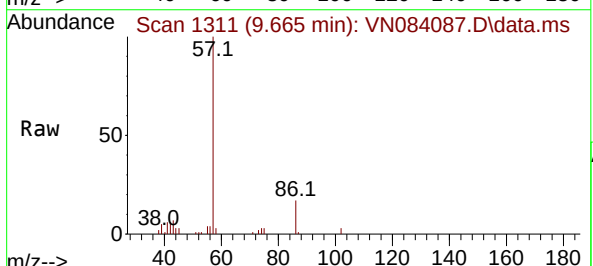
Tgt Ion: 41 Resp: 3728

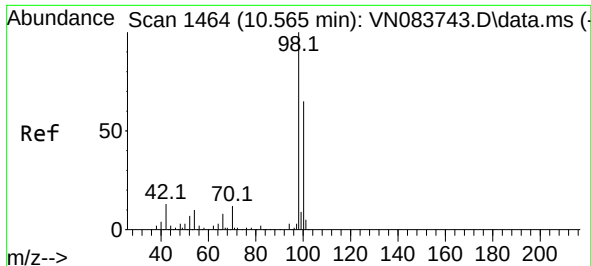
Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 53.7 48.9 73.3

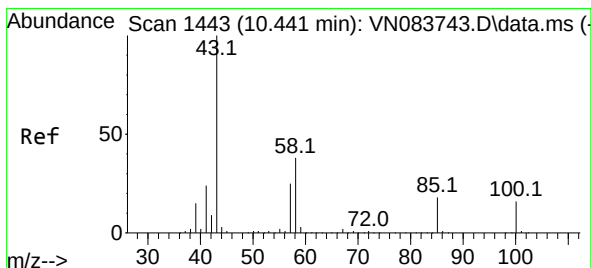
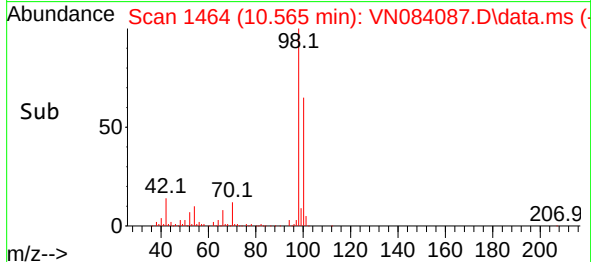
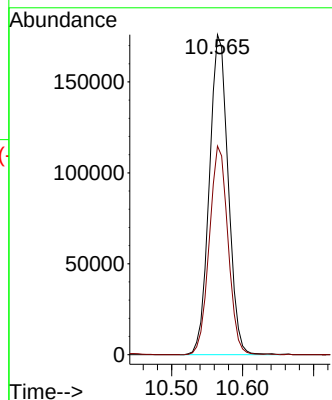
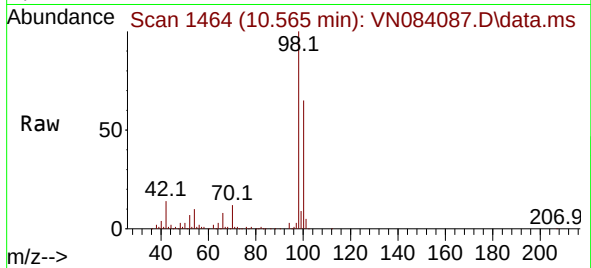




#50
Toluene-d8
Concen: 55.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

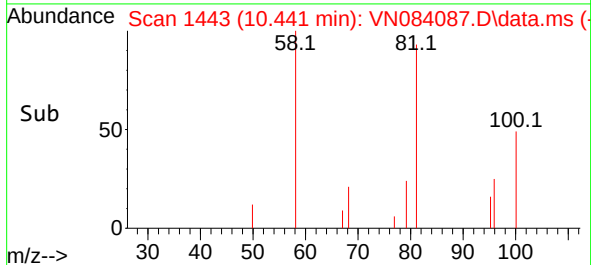
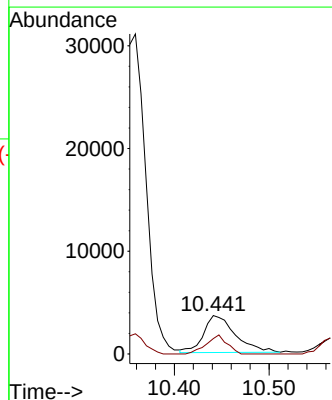
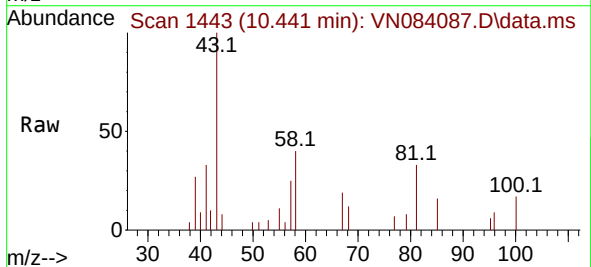
Instrument :
MSVOA_N
ClientSampleId :

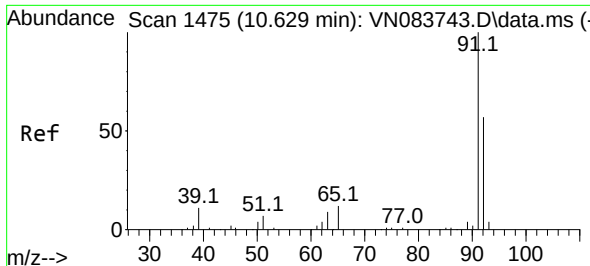
Tgt Ion: 98 Resp: 323344
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.681 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 43 Resp: 8408
Ion Ratio Lower Upper
43 100
58 33.1 31.6 47.4

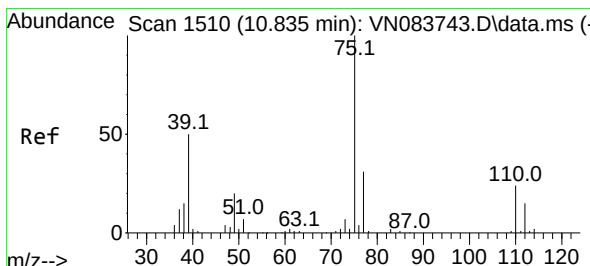
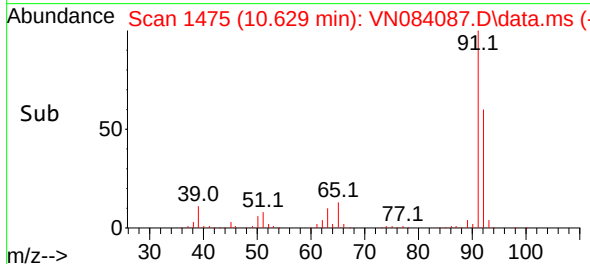
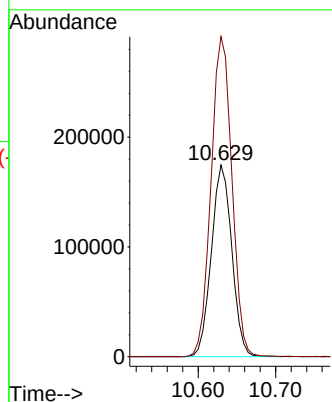
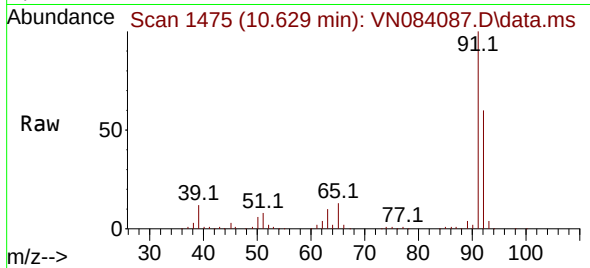




#52
Toluene
Concen: 68.057 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

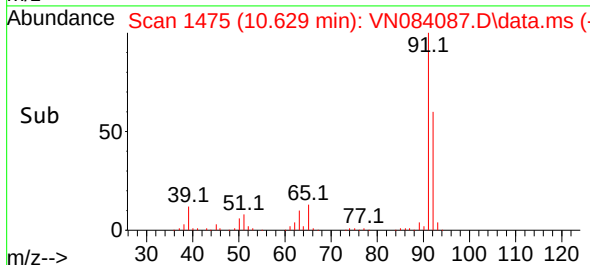
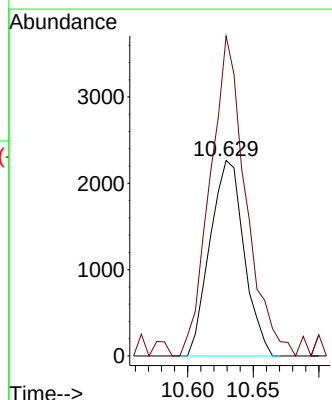
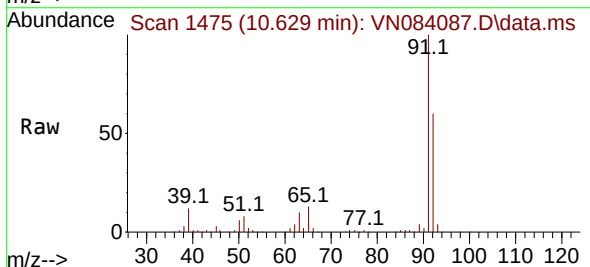
Instrument :
MSVOA_N
ClientSampleId :

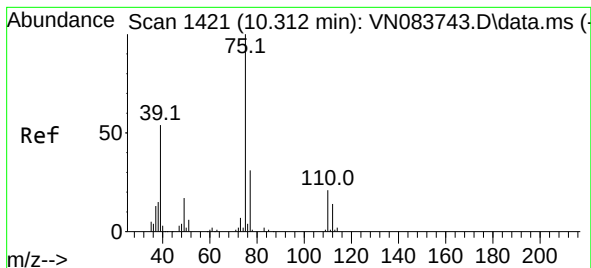
Tgt Ion: 92 Resp: 319639
Ion Ratio Lower Upper
92 100
91 170.8 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 1.435 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

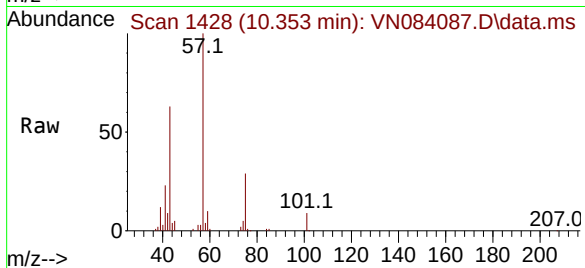
Tgt Ion: 75 Resp: 4091
Ion Ratio Lower Upper
75 100
77 163.7 25.8 38.6#



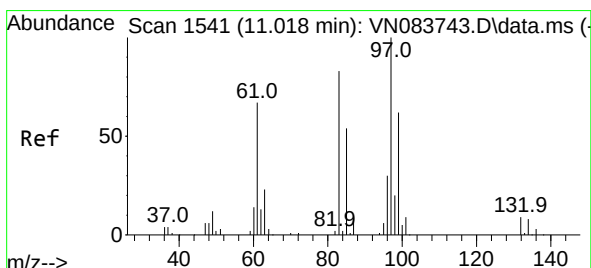
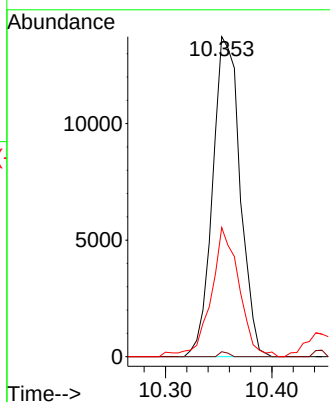
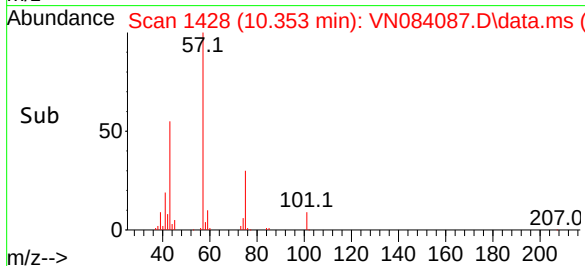


#54
 cis-1,3-Dichloropropene
 Concen: 8.208 ug/l
 RT: 10.353 min Scan# 1428
 Delta R.T. 0.041 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47

Instrument :
 MSVOA_N
 ClientSampleId :

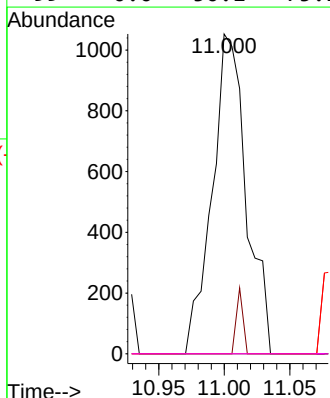
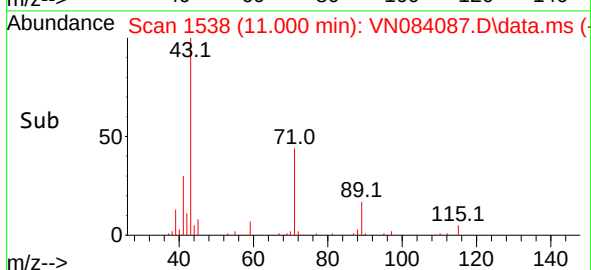
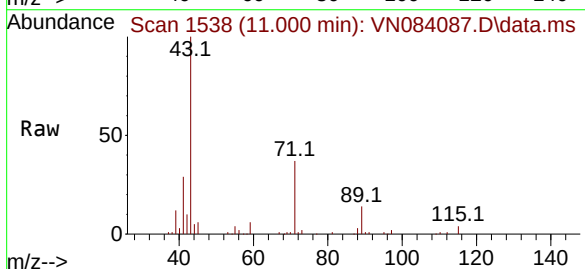


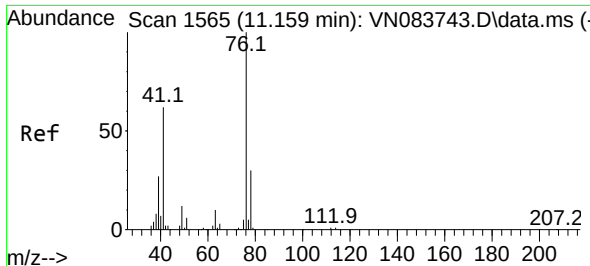
Tgt Ion: 75 Resp: 24585
 Ion Ratio Lower Upper
 75 100
 77 1.5 25.0 37.6#
 39 40.4 42.6 64.0#



#55
 1,1,2-Trichloroethane
 Concen: 1.088 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. -0.018 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47 am

Tgt Ion: 97 Resp: 1907
 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: 0.499 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.047 min

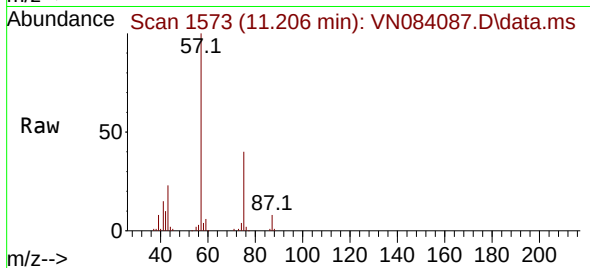
Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

ClientSampleId :

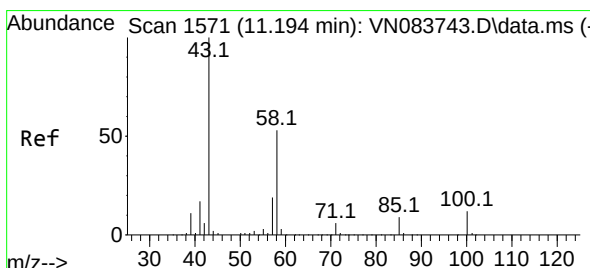
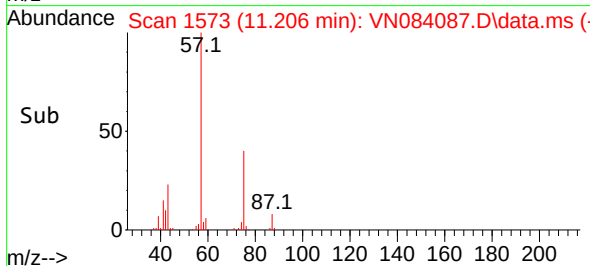
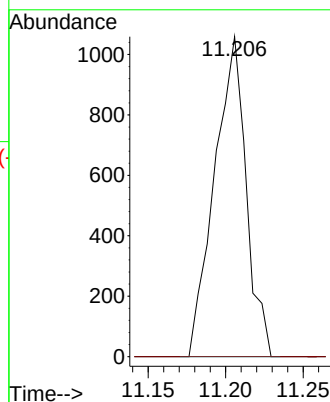


Tgt Ion: 76 Resp: 1504

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 60.366 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN084087.D

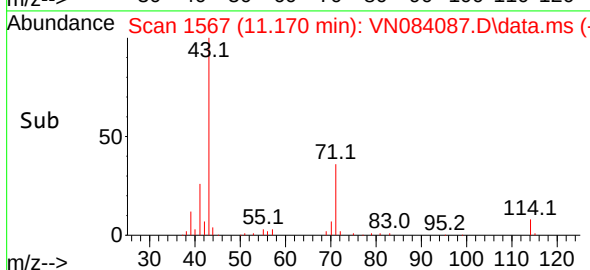
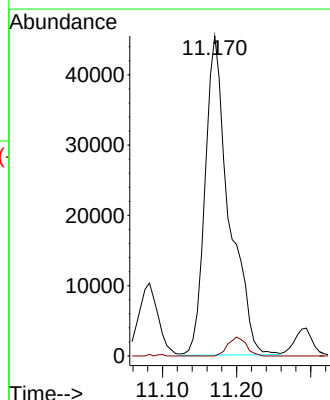
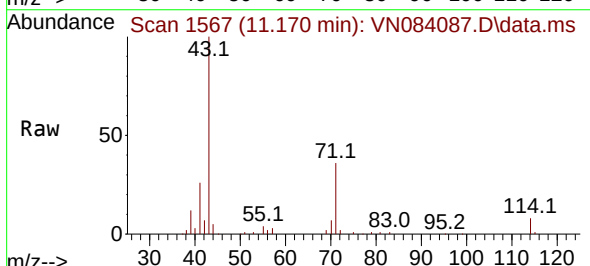
Acq: 21 Sep 2024 03:47 am

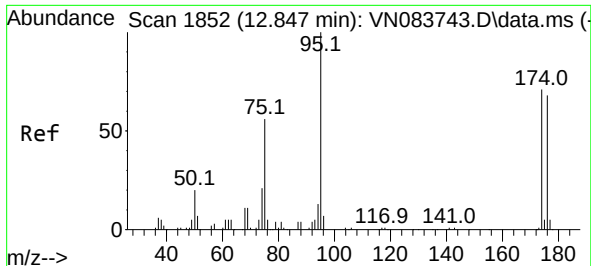
Tgt Ion: 43 Resp: 101999

Ion Ratio Lower Upper

43 100

58 0.0 27.2 81.5#

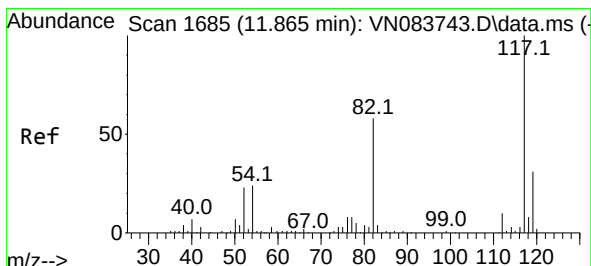
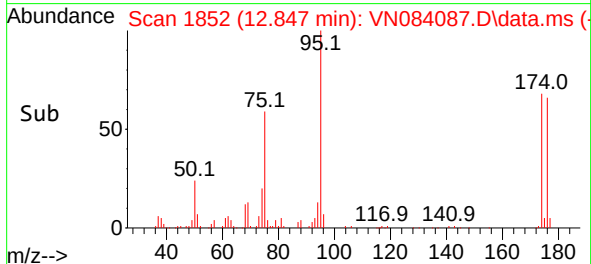
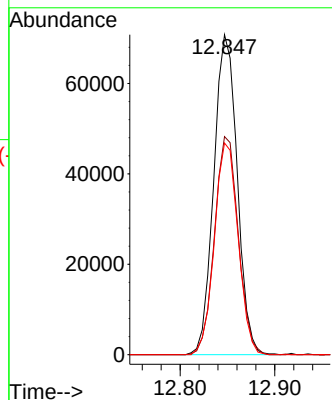
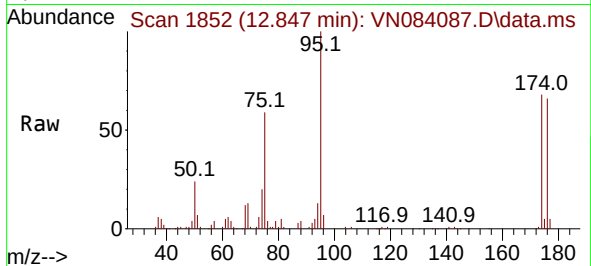




#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

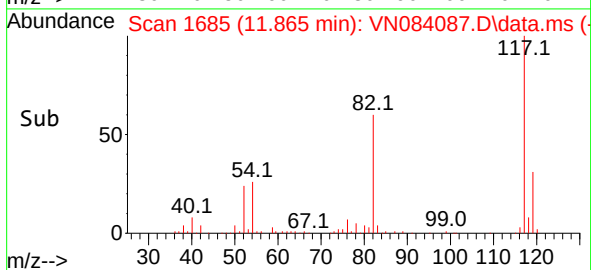
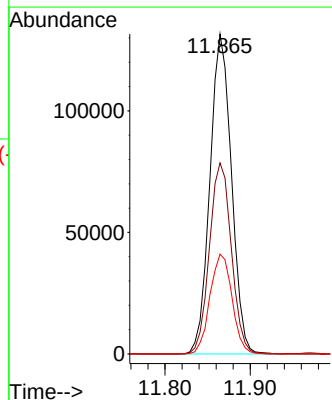
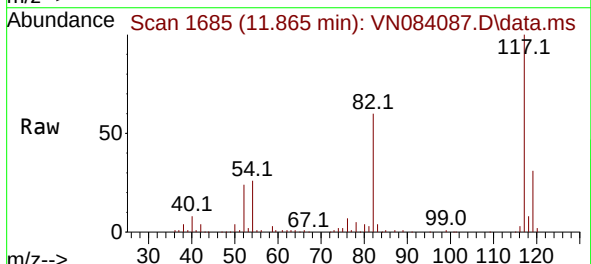
Instrument :
MSVOA_N
ClientSampleId :

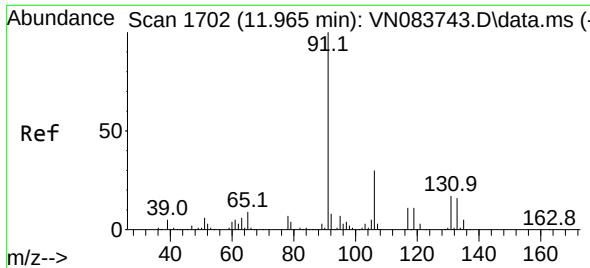
Tgt Ion: 95 Resp: 121667
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 117 Resp: 231059
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 31.2 26.3 39.5

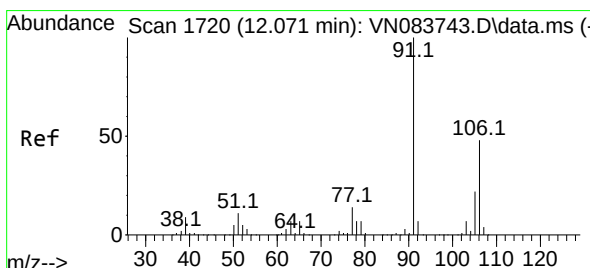
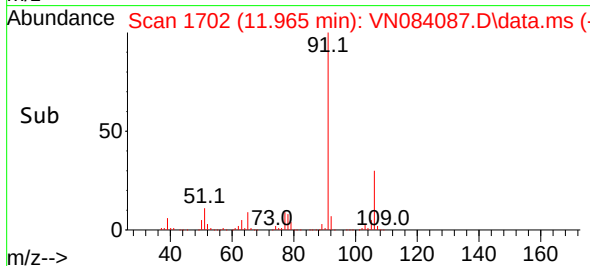
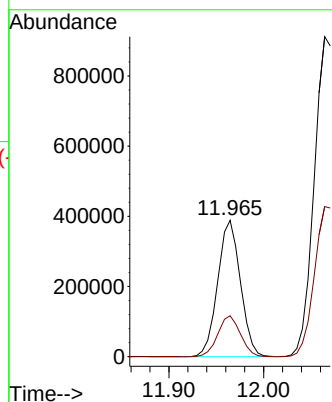
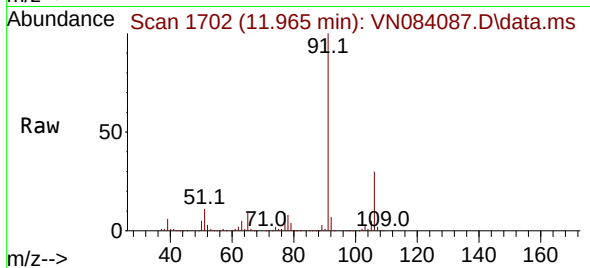




#67
Ethyl Benzene
Concen: 70.998 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

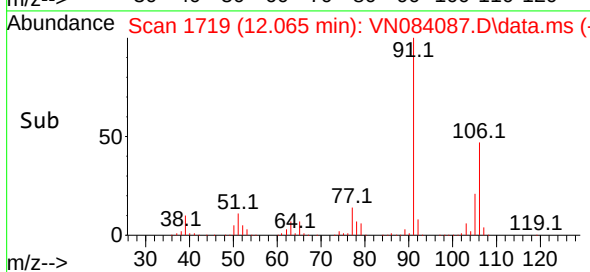
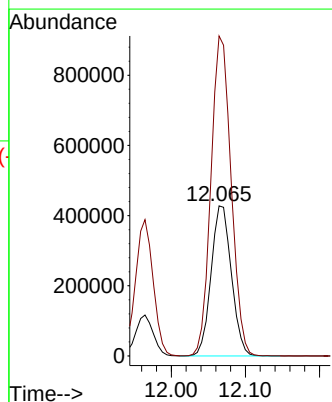
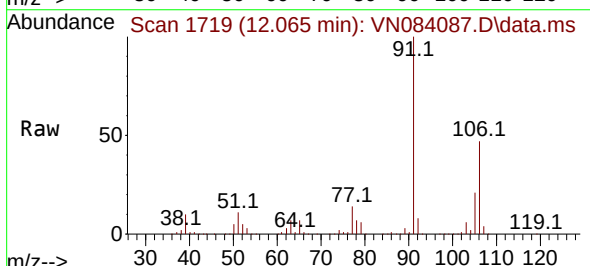
Instrument :
MSVOA_N
ClientSampleId :

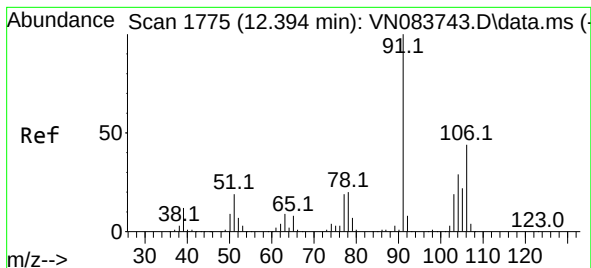
Tgt Ion: 91 Resp: 647690
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 239.787 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion:106 Resp: 812138
Ion Ratio Lower Upper
106 100
91 212.4 169.2 253.8





#69

o-Xylene

Concen: 137.389 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

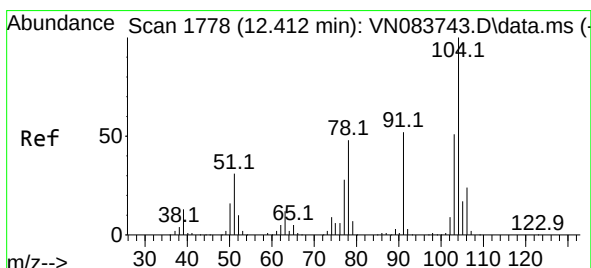
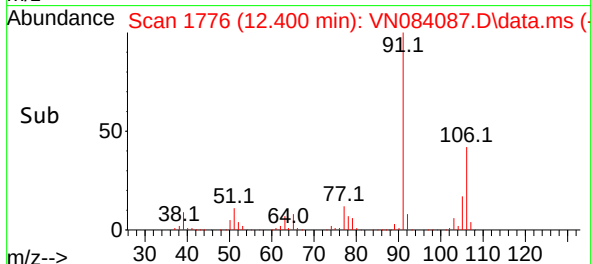
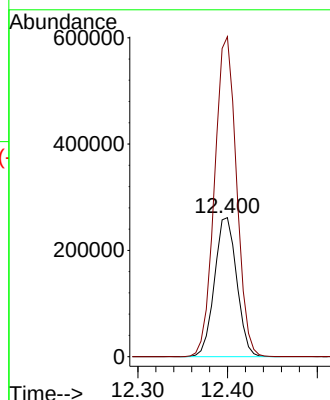
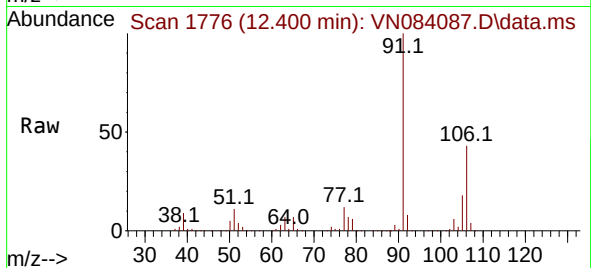
ClientSampleId :

Tgt Ion:106 Resp: 450467

Ion Ratio Lower Upper

106 100

91 227.2 112.9 338.6



#70

Styrene

Concen: 4.246 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.018 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

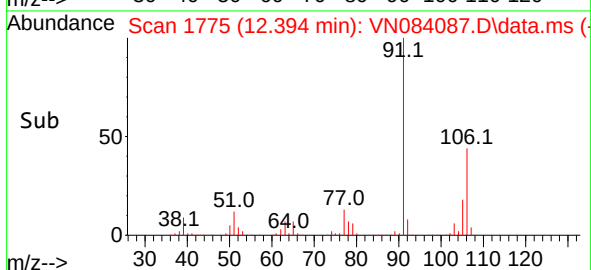
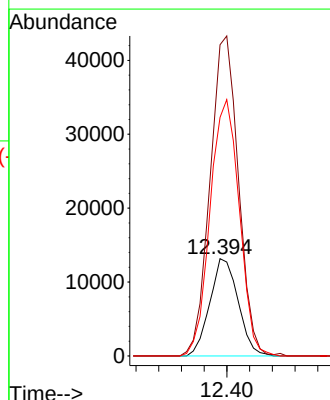
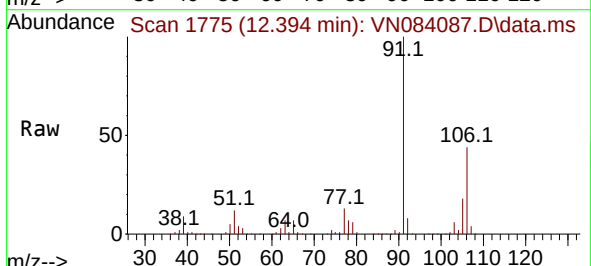
Tgt Ion:104 Resp: 22846

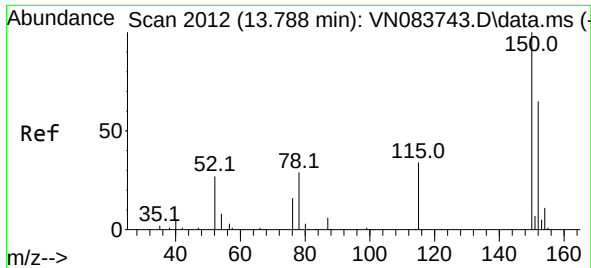
Ion Ratio Lower Upper

104 100

78 328.7 43.3 64.9#

103 271.1 43.4 65.2#

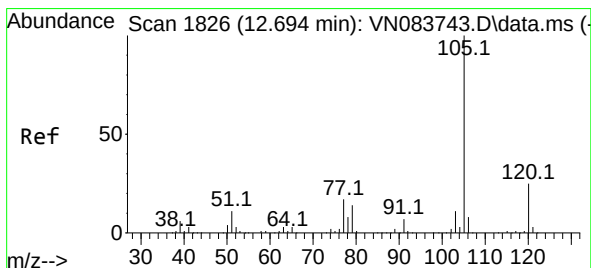
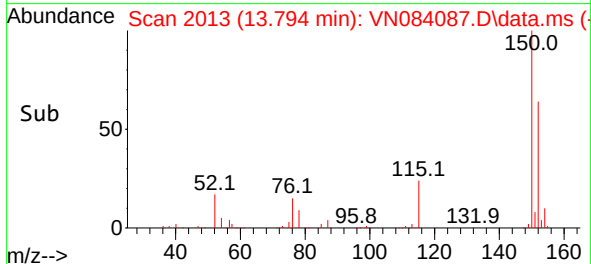
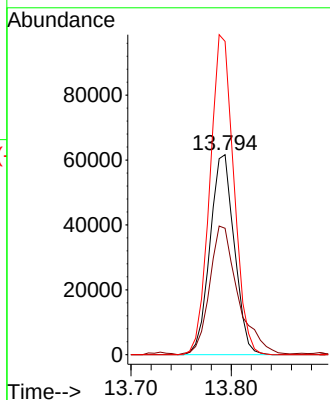
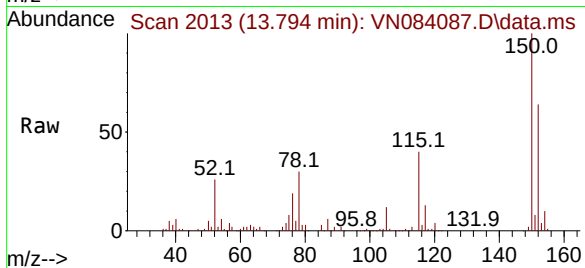




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

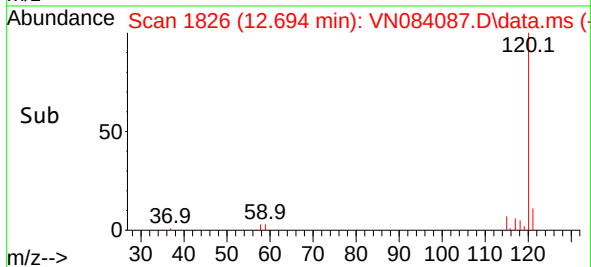
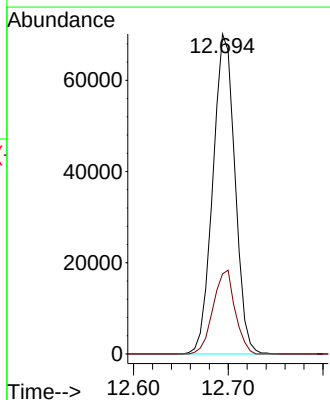
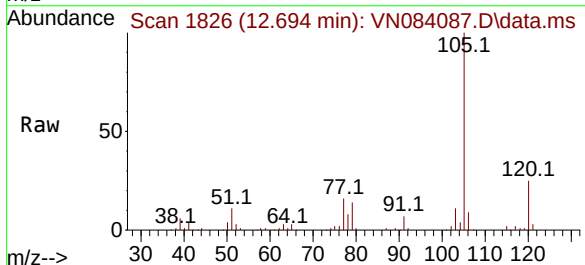
Instrument :
MSVOA_N
ClientSampleId :

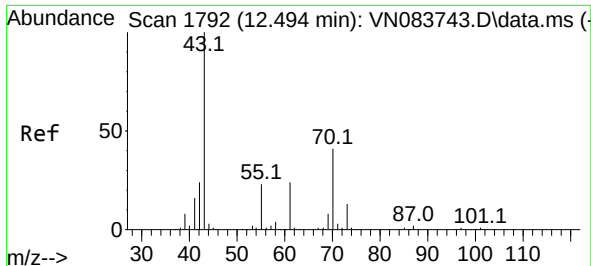
Tgt Ion:152 Resp: 104000
Ion Ratio Lower Upper
152 100
115 75.4 32.2 96.6
150 157.4 0.0 348.6



#73
Isopropylbenzene
Concen: 14.150 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

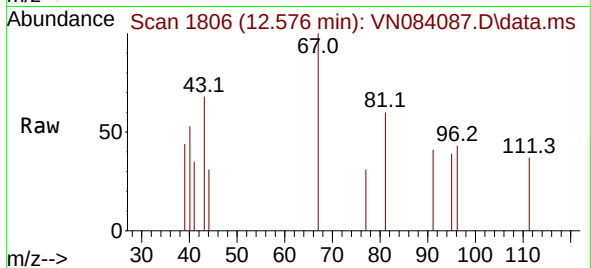
Tgt Ion:105 Resp: 113854
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



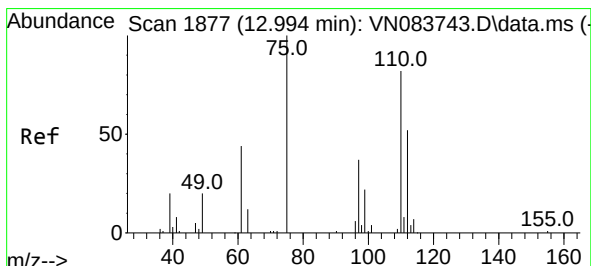
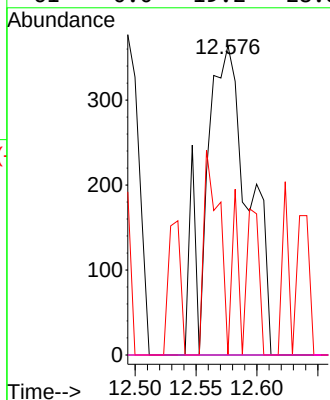
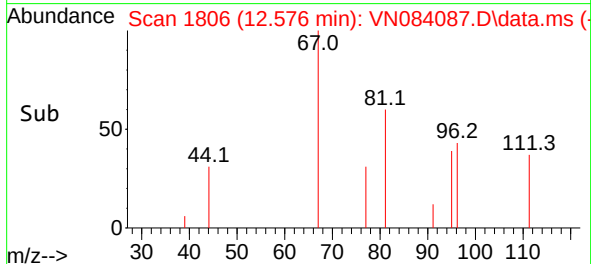


#74
N-amy1 acetate
Concen: 0.261 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.082 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

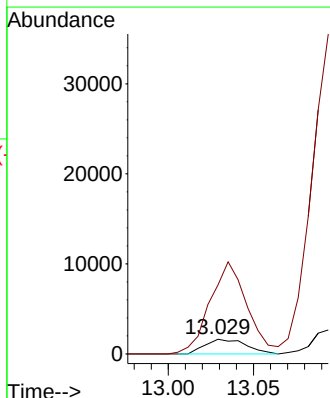
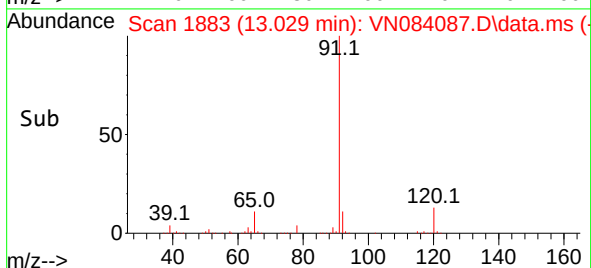
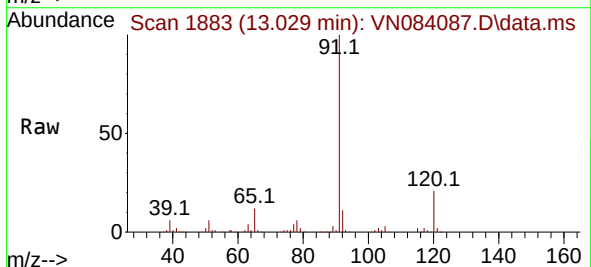


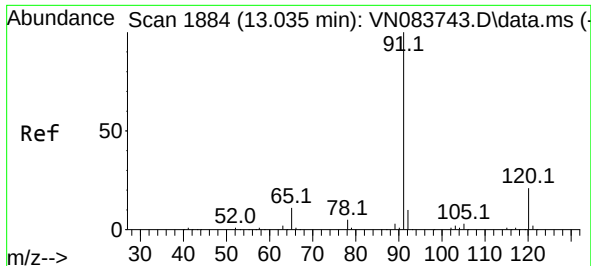
Tgt Ion: 43	Resp: 895
Ion Ratio	Lower Upper
43 100	
70 0.0	34.5 51.7#
55 7.7	18.6 28.0#
61 0.0	19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 1.309 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.035 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 75	Resp: 2746		
Ion Ratio	Lower	Upper	
75 100			
77 565.1	95.2	285.6#	

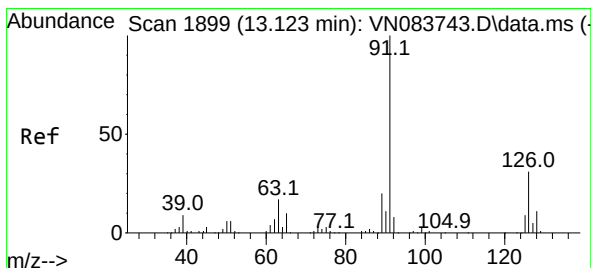
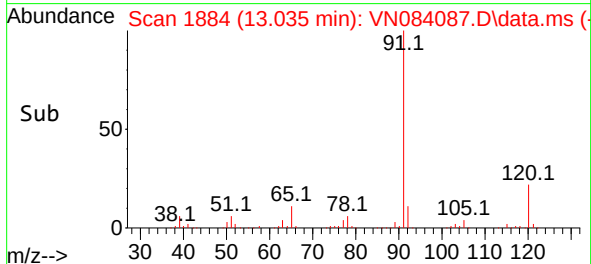
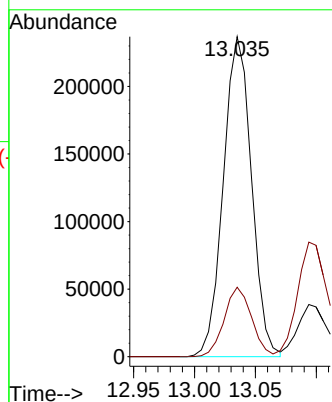
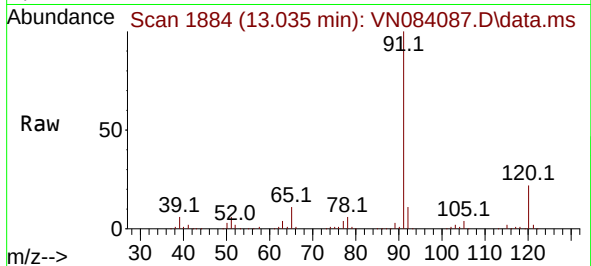




#78
n-propylbenzene
Concen: 40.686 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

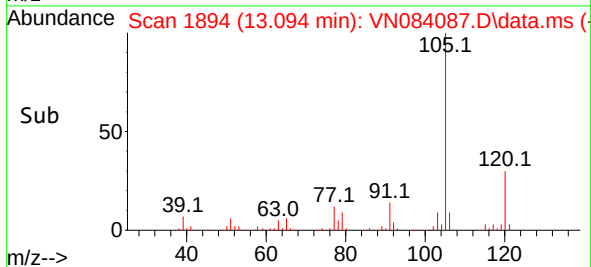
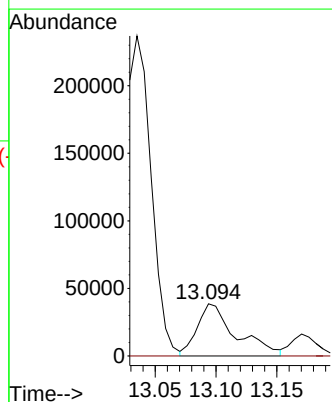
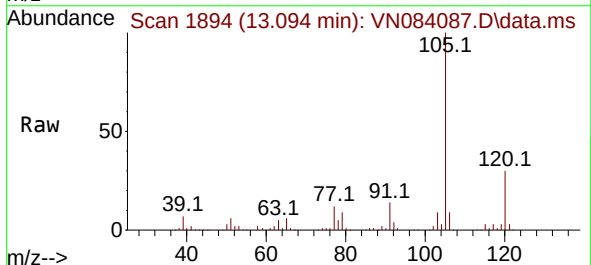
Instrument :
MSVOA_N
ClientSampleId :

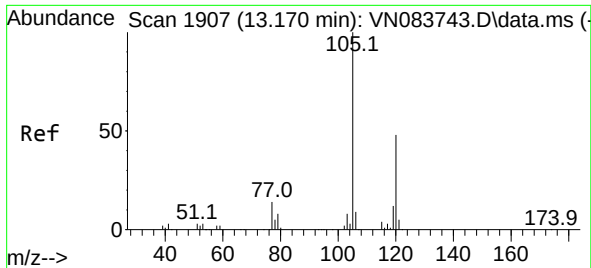
Tgt Ion: 91 Resp: 380891
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0



#79
2-Chlorotoluene
Concen: 14.194 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.030 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 91 Resp: 84747
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#

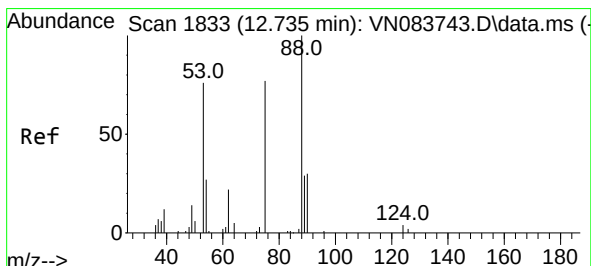
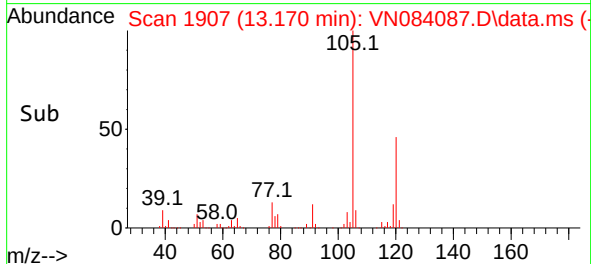
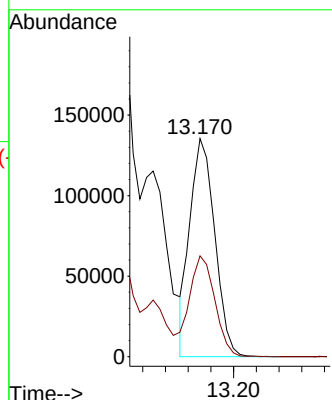
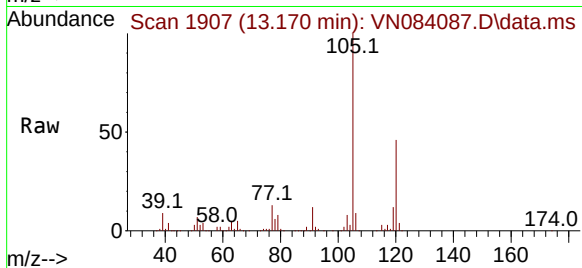




#80
 1,3,5-Trimethylbenzene
 Concen: 30.355 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47

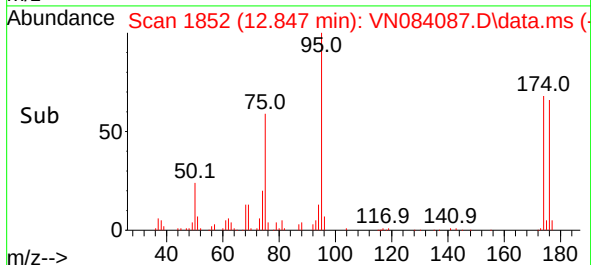
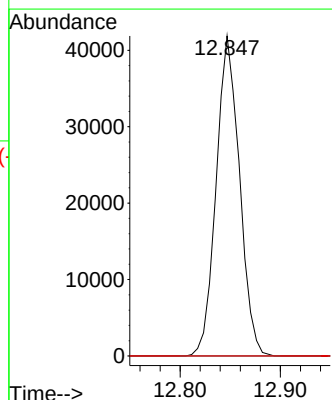
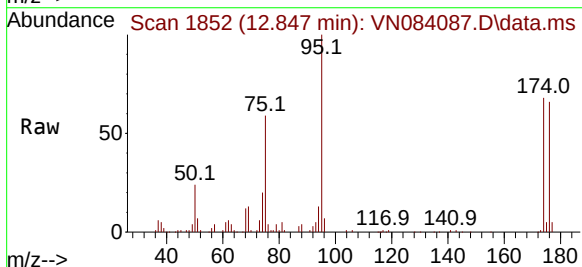
Instrument :
 MSVOA_N
 ClientSampleId :

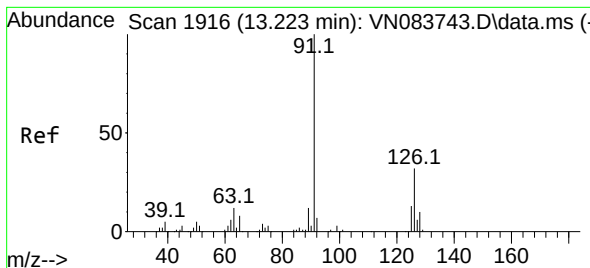
Tgt Ion:105 Resp: 205918
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.405 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47 am

Tgt Ion: 75 Resp: 67629
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#





#82

4-Chlorotoluene

Concen: 4.045 ug/l

RT: 13.170 min Scan# 1916

Delta R.T. -0.053 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

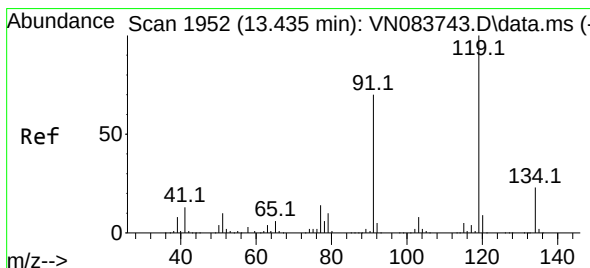
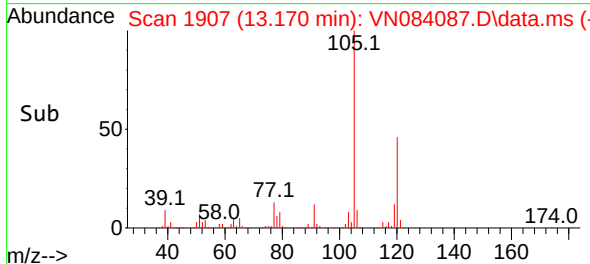
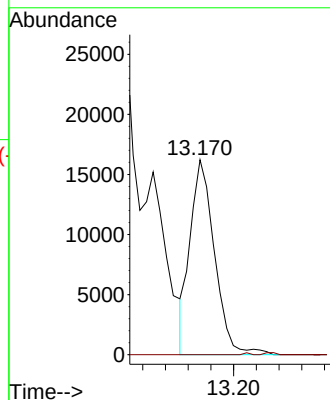
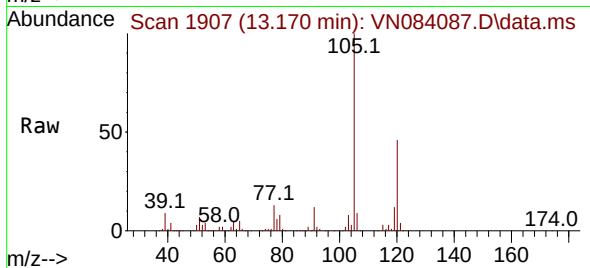
ClientSampleId :

Tgt Ion: 91 Resp: 24238

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#83

tert-Butylbenzene

Concen: 15.021 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

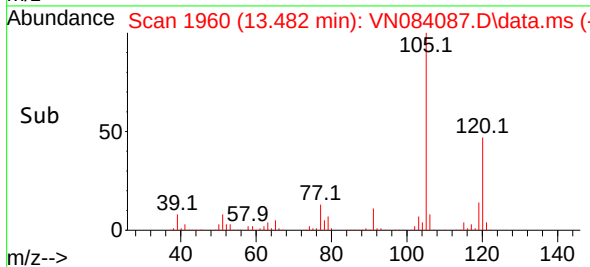
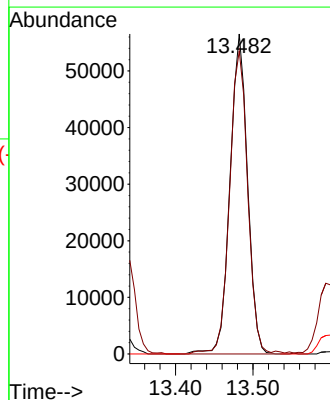
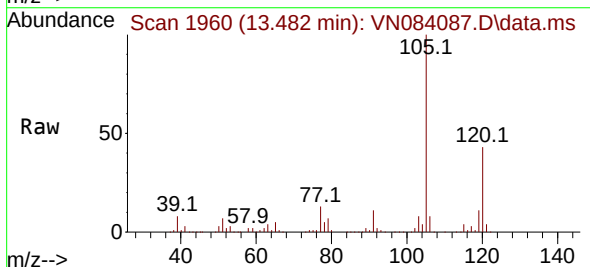
Tgt Ion: 119 Resp: 89149

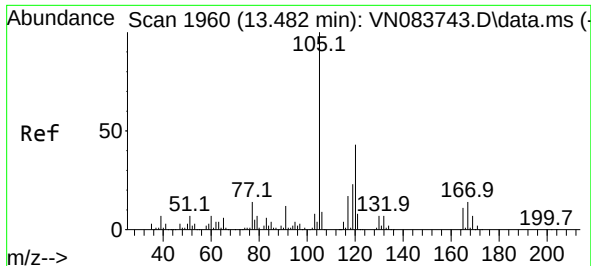
Ion Ratio Lower Upper

119 100

91 97.7 34.5 103.6

134 0.0 12.8 38.4#

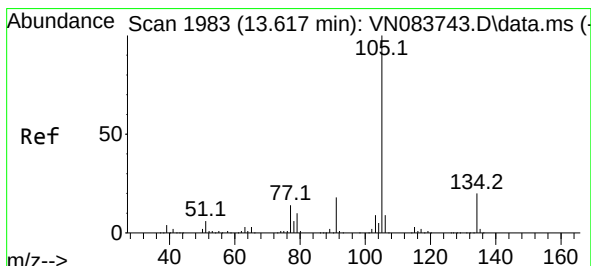
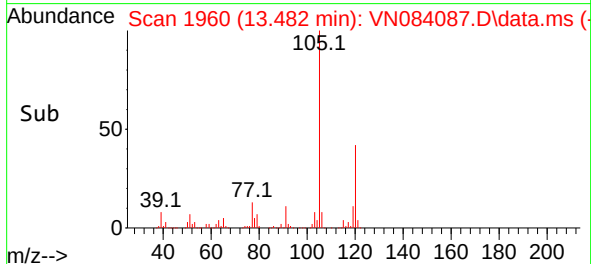
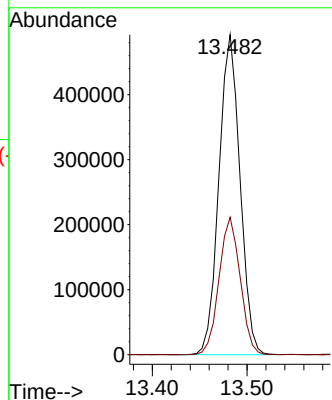
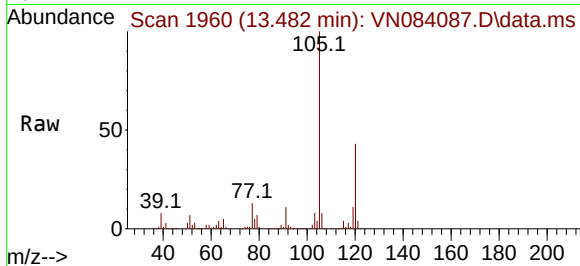




#84
1,2,4-Trimethylbenzene
Concen: 111.827 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

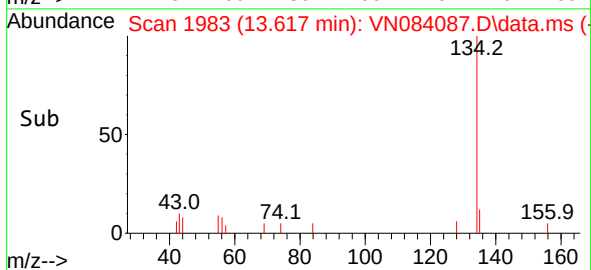
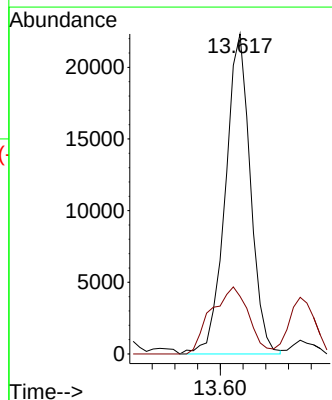
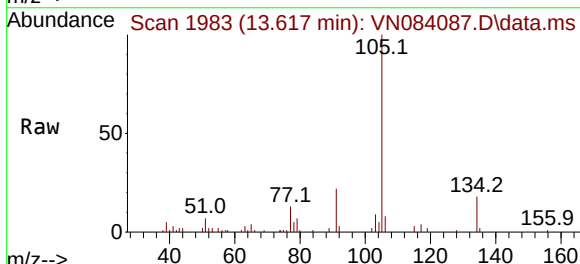
Instrument :
MSVOA_N
ClientSampleId :

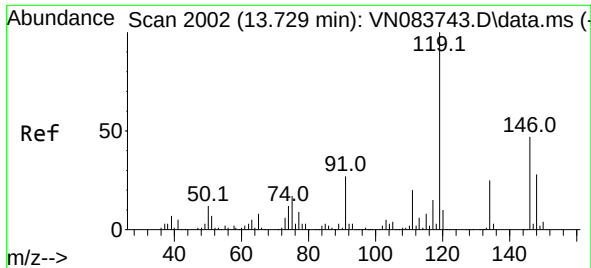
Tgt Ion:105 Resp: 762013
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4



#85
sec-Butylbenzene
Concen: 4.339 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

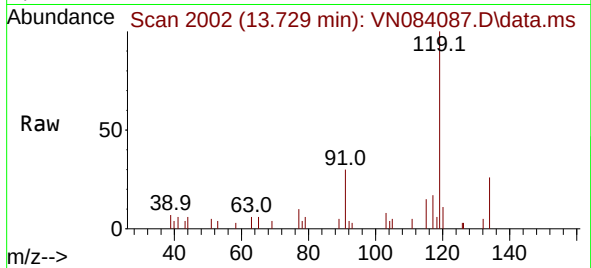
Tgt Ion:105 Resp: 34150
Ion Ratio Lower Upper
105 100
134 31.6 9.7 29.1#



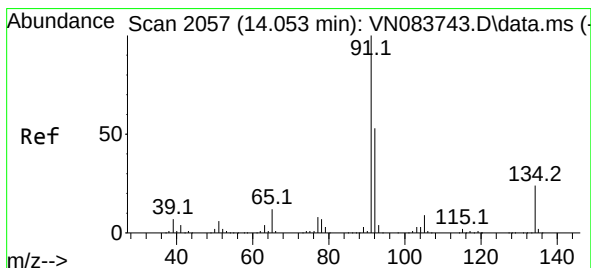
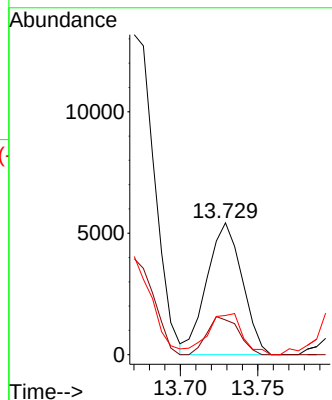
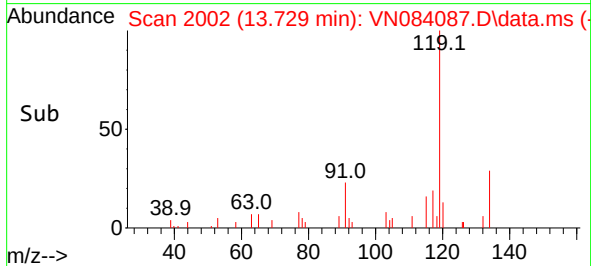


#86
p-Isopropyltoluene
Concen: 1.308 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :

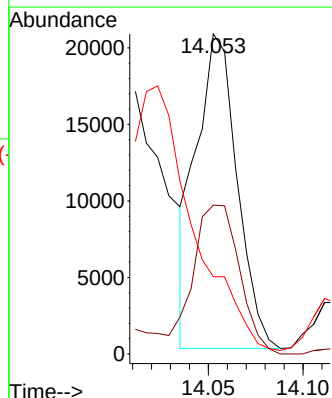
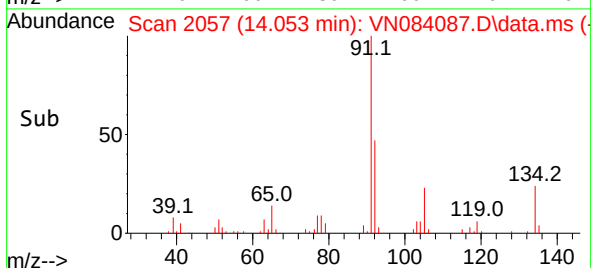
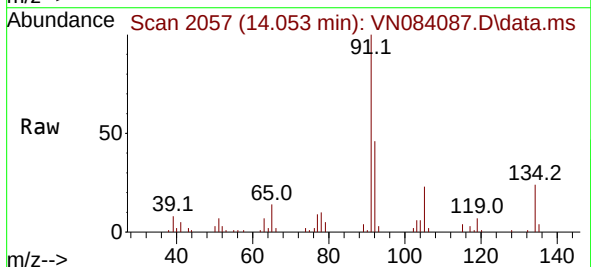


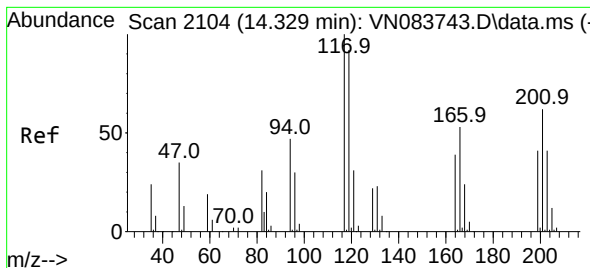
Tgt Ion:119 Resp: 8628
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 30.8 12.9 38.7



#89
n-Butylbenzene
Concen: 5.189 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47 am

Tgt Ion: 91 Resp: 30737
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 16.635 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

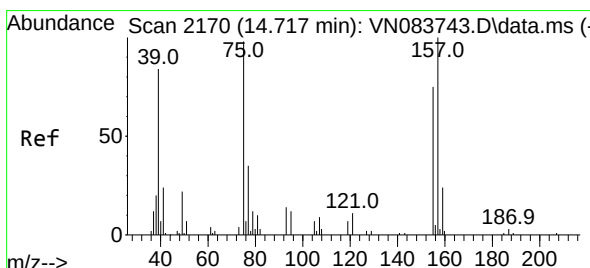
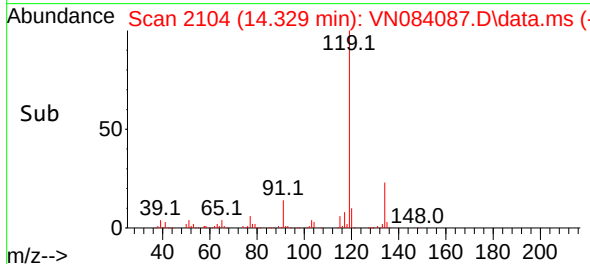
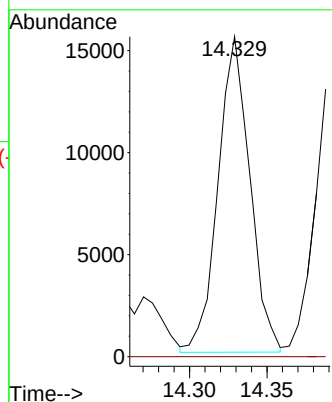
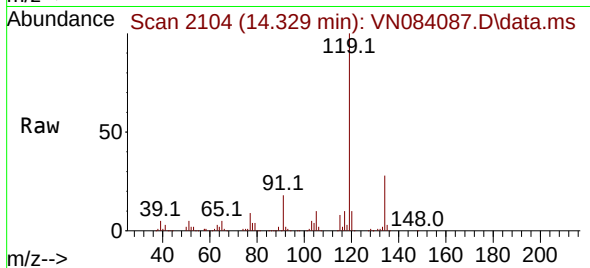
ClientSampleId :

Tgt Ion:117 Resp: 22064

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.974 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.030 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47 am

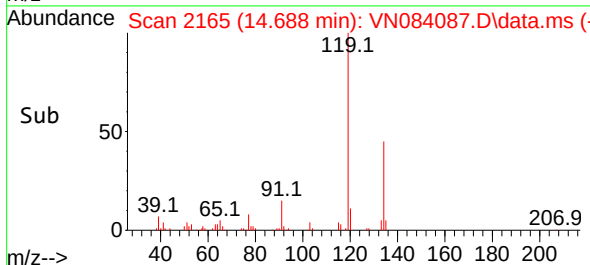
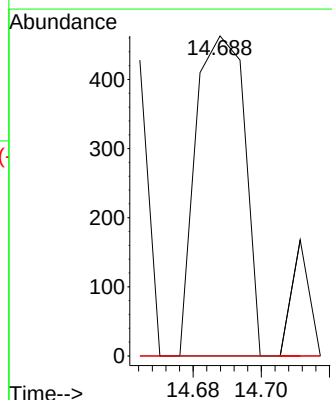
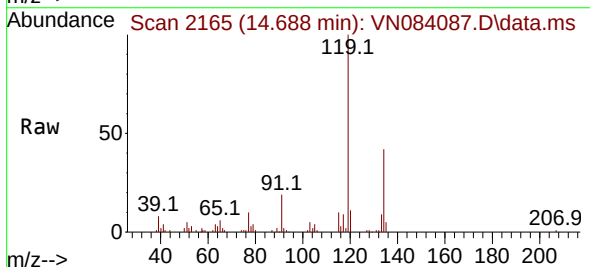
Tgt Ion: 75 Resp: 459

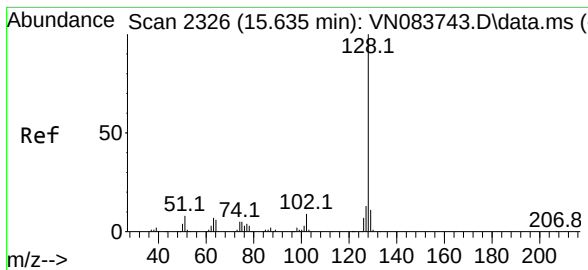
Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.7#

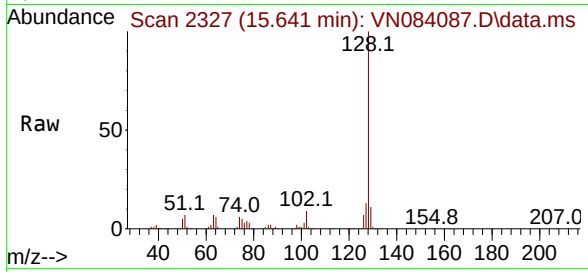
157 0.0 47.5 142.5#





#95
Naphthalene
Concen: 40.353 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.1	8.7	13.1

