

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083896.D
 Acq On : 14 Sep 2024 17:32
 Operator : JC\MD
 Sample : P3886-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50413

Quant Time: Sep 16 01:38:23 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	173205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122850	47.039	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.080%
35) Dibromofluoromethane	8.171	113	87536	46.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	10.565	98	328333	50.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.847	95	117223	43.366	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1293	Below Cal	#	41
8) Diethyl Ether	3.959	74	802	0.639	ug/l #	3
11) Tert butyl alcohol	5.530	59	2272	6.496	ug/l #	71
15) Acrylonitrile	5.806	53	964	1.014	ug/l #	24
16) Acetone	4.424	43	225933	215.799	ug/l	100
18) Methyl Acetate	5.024	43	1551	Below Cal	#	59
19) Methyl tert-butyl Ether	5.800	73	79915	11.788	ug/l	97
22) Diisopropyl ether	6.677	45	17765	2.585	ug/l	95
23) Vinyl Acetate	6.682	43	10288	2.044	ug/l #	71
25) 2-Butanone	7.482	43	28803	20.931	ug/l	97
29) Tetrahydrofuran	7.559	42	6107	7.506	ug/l #	34
31) Cyclohexane	8.218	56	5740	1.521	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16124	5.653	ug/l #	50
37) Ethyl Acetate	7.559	43	103773	40.078	ug/l	99
38) Carbon Tetrachloride	8.224	117	19297	5.963	ug/l #	18
40) Benzene	8.606	78	464616	54.115	ug/l	97
41) Methacrylonitrile	7.782	41	1473	0.962	ug/l #	33
43) Isopropyl Acetate	8.676	43	1032	0.220	ug/l #	57
48) Methyl methacrylate	9.529	41	6314	2.836	ug/l #	42
51) 4-Methyl-2-Pentanone	10.447	43	3214	1.258	ug/l	92
52) Toluene	10.629	92	472049	89.885	ug/l	97
53) t-1,3-Dichloropropene	10.635	75	6374	1.999	ug/l #	1
56) Ethyl methacrylate	10.800	69	2329	0.772	ug/l #	46
59) 2-Hexanone	11.200	43	2374	1.257	ug/l	67
67) Ethyl Benzene	11.964	91	72483	7.260	ug/l	97
68) m/p-Xylenes	12.070	106	102425	27.632	ug/l	98
69) o-Xylene	12.400	106	63408	17.670	ug/l	98
70) Styrene	12.400	104	4078	0.692	ug/l #	1
71) Bromoform	12.847	173	690	0.526	ug/l #	29
73) Isopropylbenzene	12.700	105	2174	0.248	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	67370	29.412	ug/l #	1
78) n-propylbenzene	13.035	91	7962	0.779	ug/l	98
79) 2-Chlorotoluene	13.129	91	1457	0.224	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	11027	1.489	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	67370	77.033	ug/l #	9
82) 4-Chlorotoluene	13.170	91	1567	0.240	ug/l #	44

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Quant Time: Sep 16 01:38:23 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

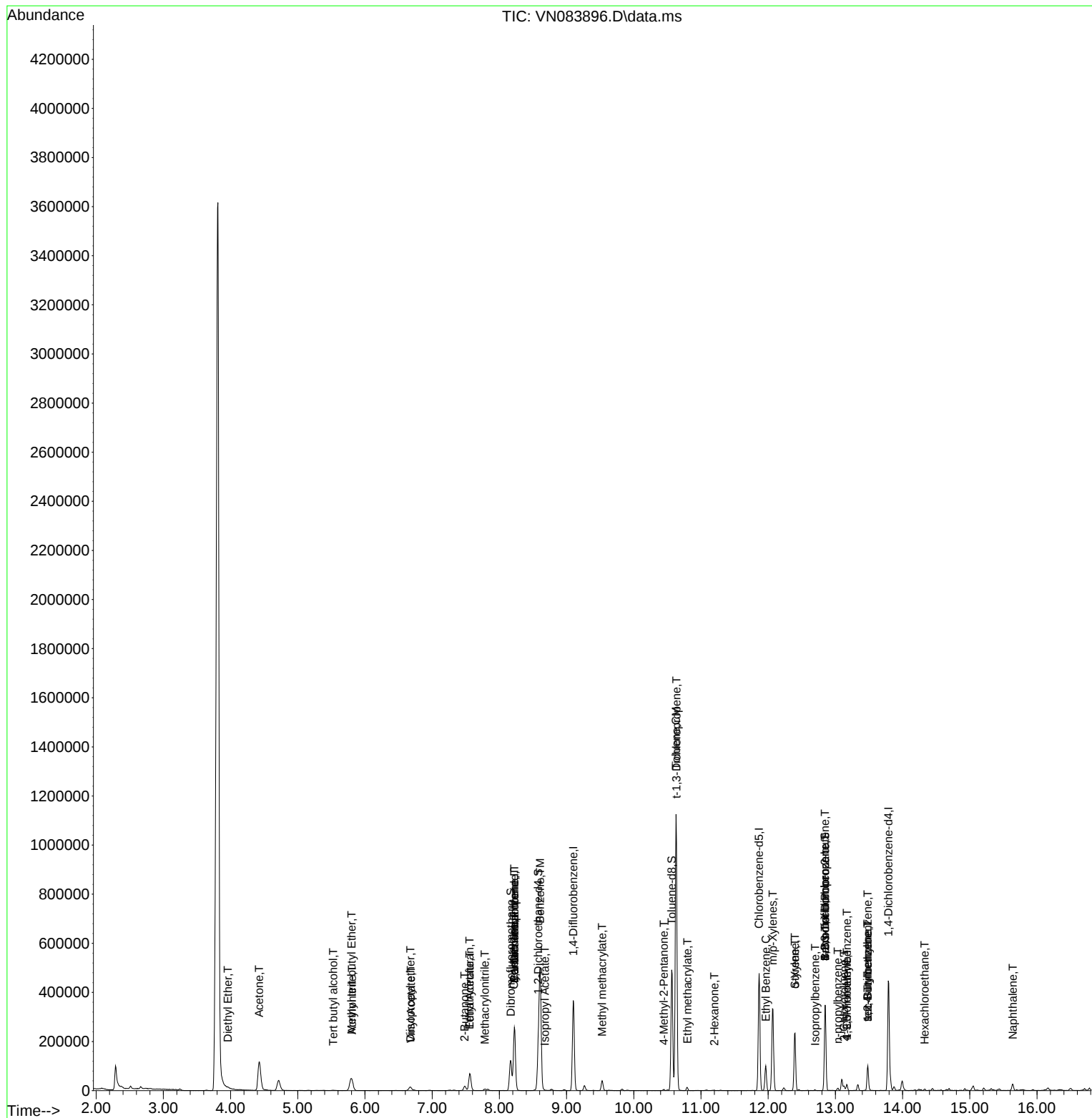
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.482	119	6918	1.068	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	55748	7.495	ug/l	99
85) sec-Butylbenzene	13.482	105	55748	6.489	ug/l #	57
90) Hexachloroethane	14.329	117	446	0.308	ug/l #	17
95) Naphthalene	15.641	128	23554	3.747	ug/l	98

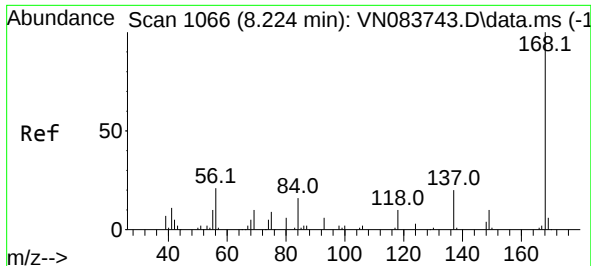
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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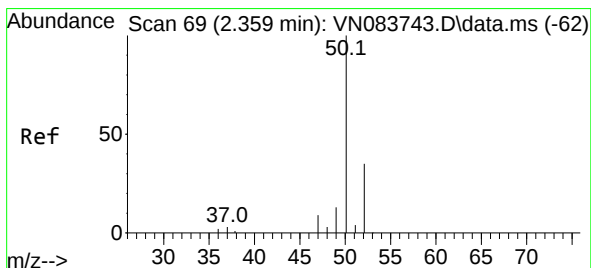
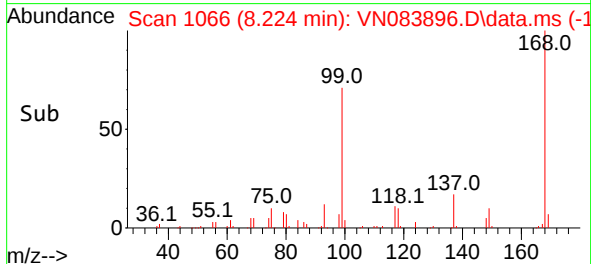
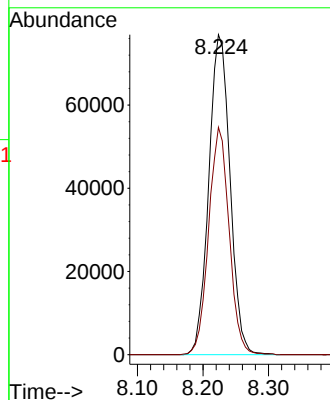
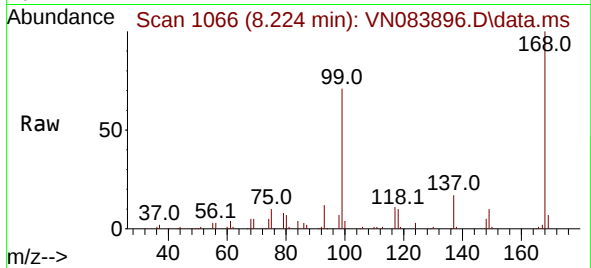




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

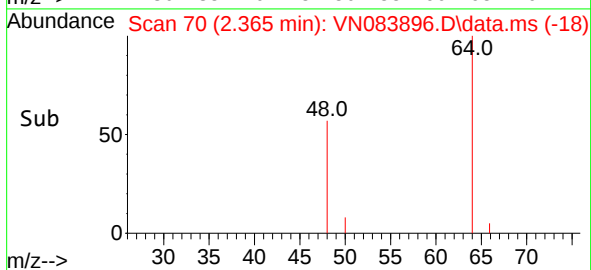
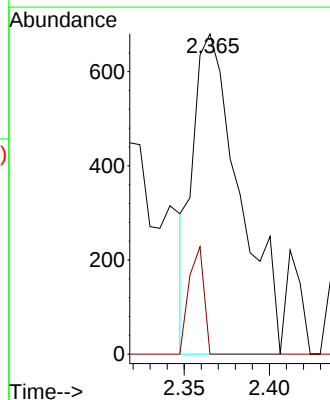
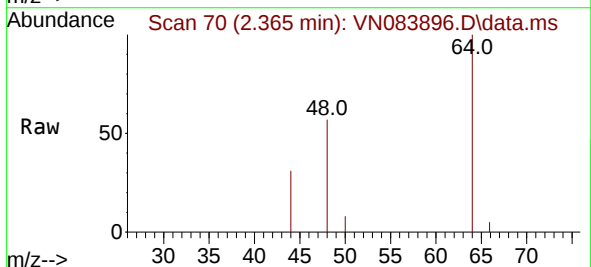
Instrument :
MSVOA_N
ClientSampleId :
50413

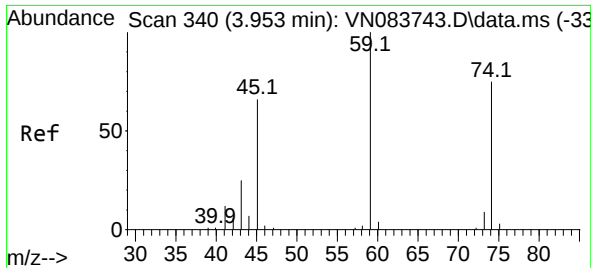
Tgt Ion:168 Resp: 173205
Ion Ratio Lower Upper
168 100
99 71.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 50 Resp: 1293
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#8

Diethyl Ether

Concen: 0.639 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.006 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

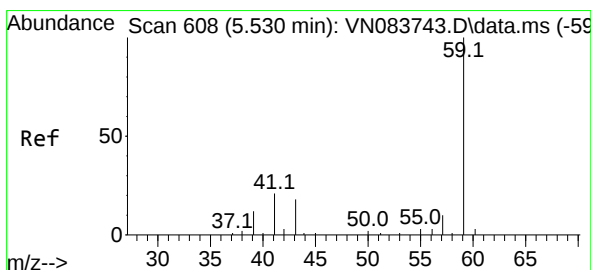
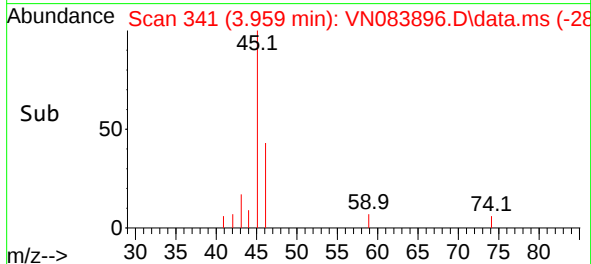
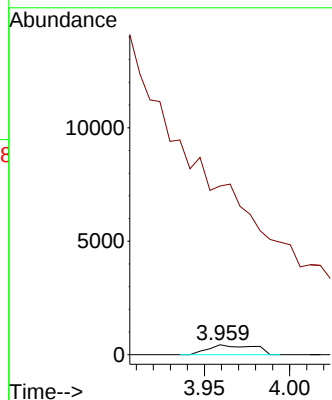
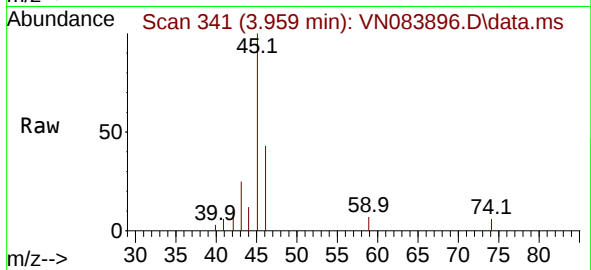
50413

Tgt Ion: 74 Resp: 802

Ion Ratio Lower Upper

74 100

45 0.0 46.7 140.1#



#11

Tert butyl alcohol

Concen: 6.496 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.000 min

Lab File: VN083896.D

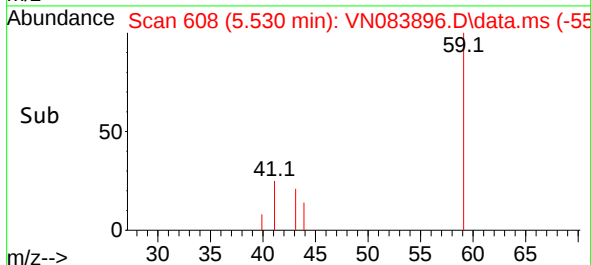
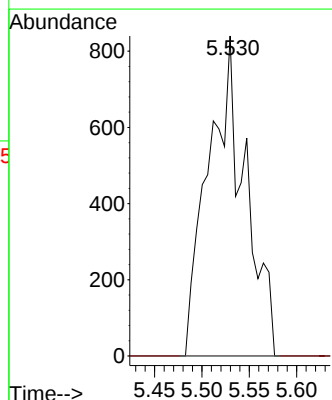
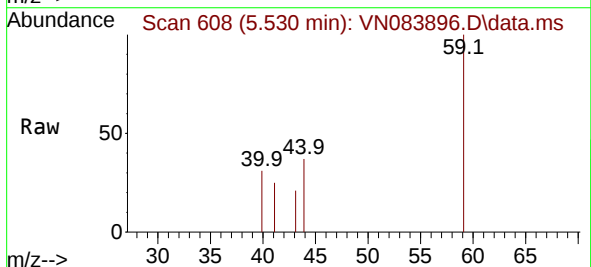
Acq: 14 Sep 2024 17:32

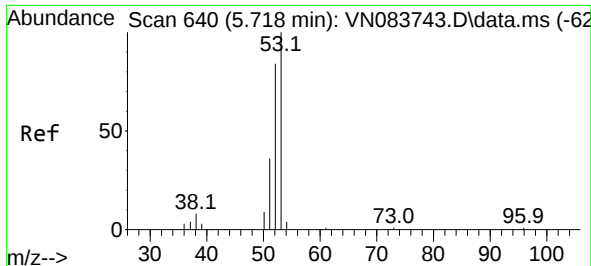
Tgt Ion: 59 Resp: 2272

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

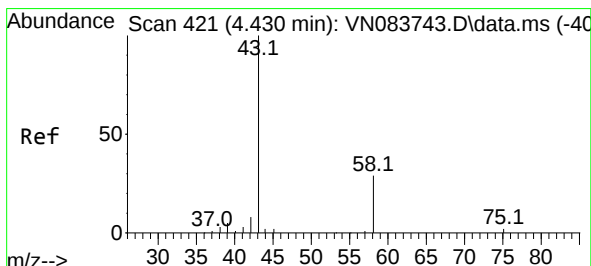
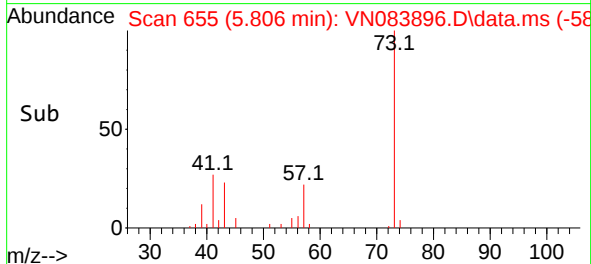
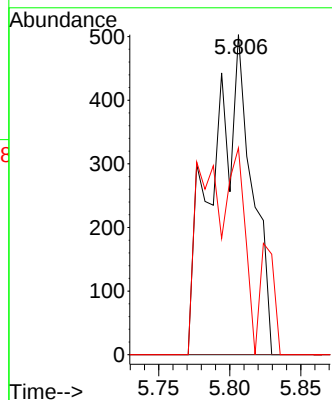
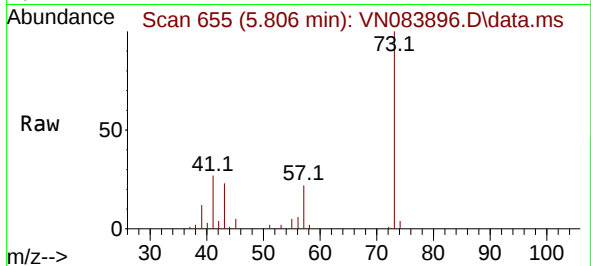




#15
Acrylonitrile
Concen: 1.014 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

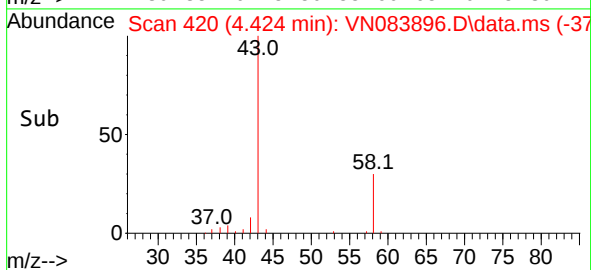
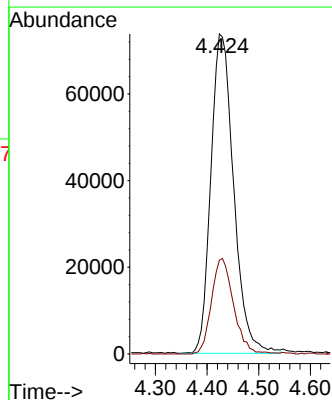
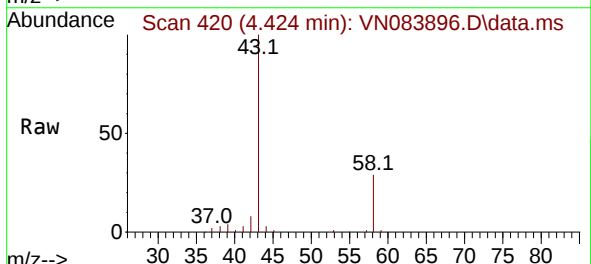
Instrument :
MSVOA_N
ClientSampleId :
50413

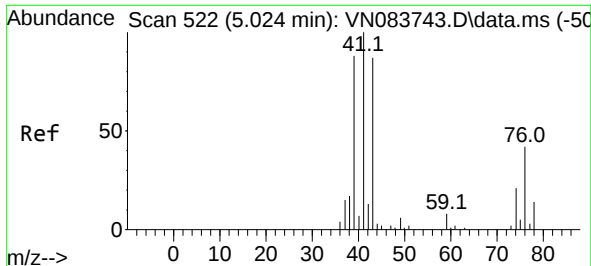
Tgt Ion: 53 Resp: 964
Ion Ratio Lower Upper
53 100
52 0.0 66.1 99.1#
51 12.2 29.6 44.4#



#16
Acetone
Concen: 215.799 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 43 Resp: 225933
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5





#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

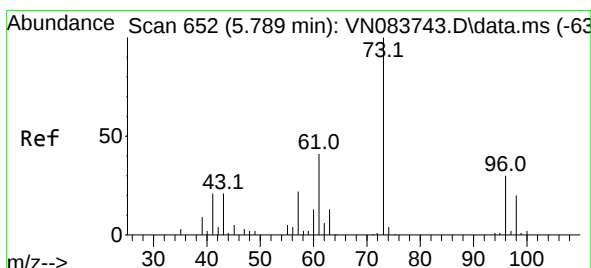
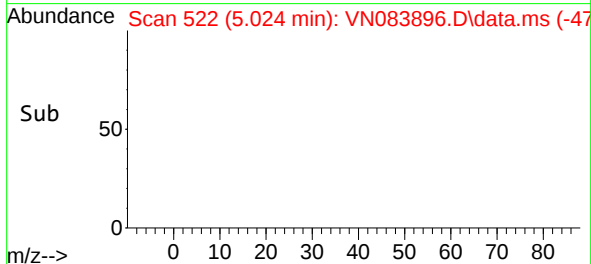
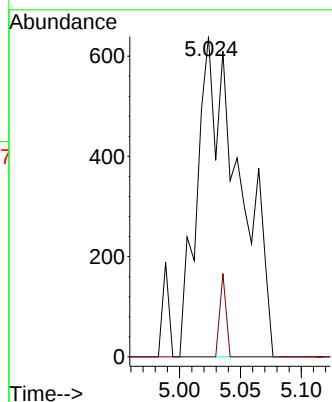
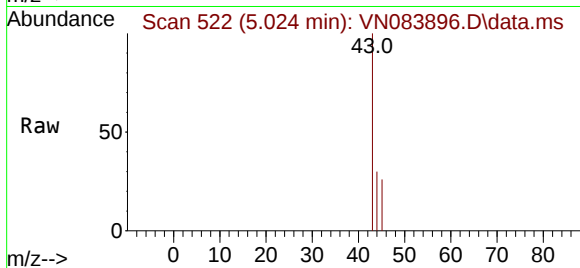
50413

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

74 3.8 19.0 28.4#



#19

Methyl tert-butyl Ether

Concen: 11.788 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.012 min

Lab File: VN083896.D

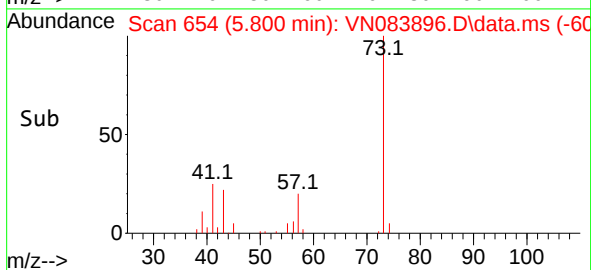
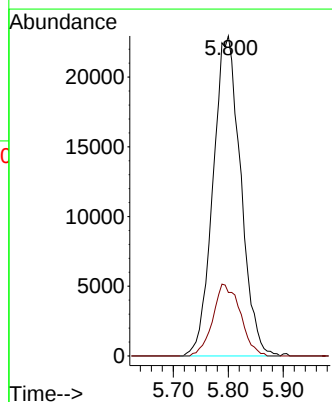
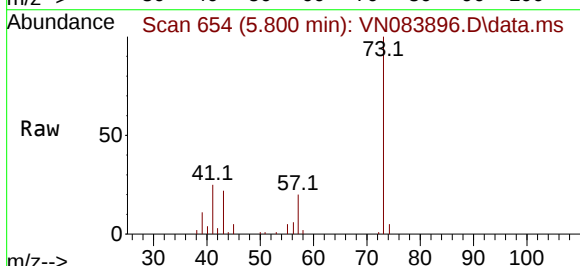
Acq: 14 Sep 2024 17:32

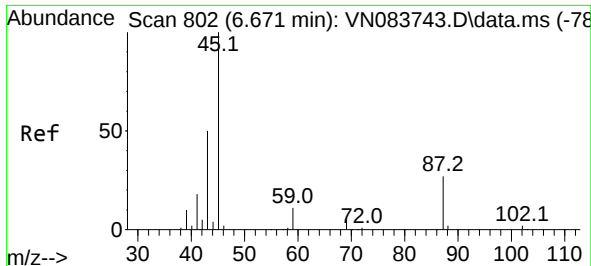
Tgt Ion: 73 Resp: 79915

Ion Ratio Lower Upper

73 100

57 19.9 17.0 25.6





#22

Diisopropyl ether

Concen: 2.585 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

50413

Tgt Ion: 45 Resp: 17765

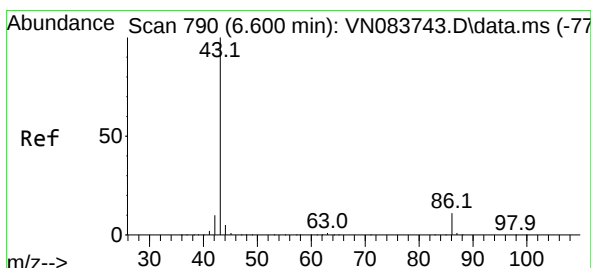
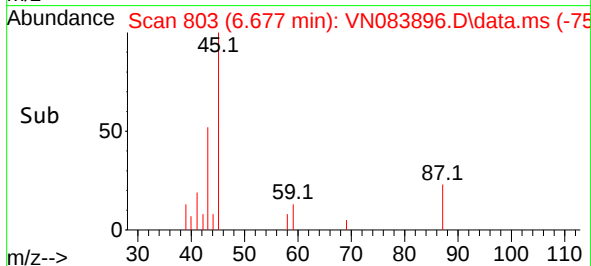
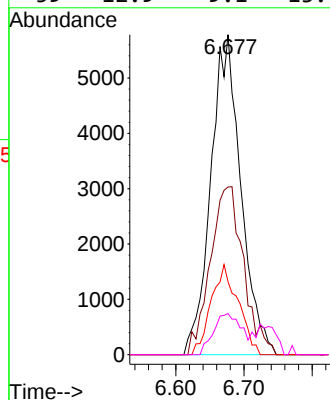
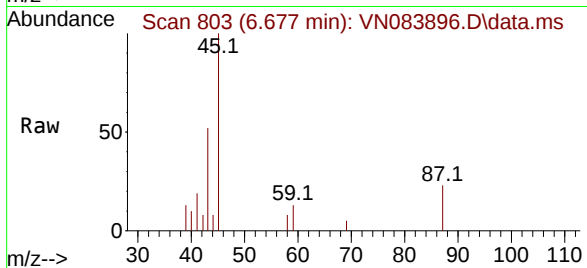
Ion Ratio Lower Upper

45 100

43 52.4 43.4 65.0

87 22.8 22.6 33.8

59 12.9 9.1 13.7



#23

Vinyl Acetate

Concen: 2.044 ug/l

RT: 6.682 min Scan# 804

Delta R.T. 0.082 min

Lab File: VN083896.D

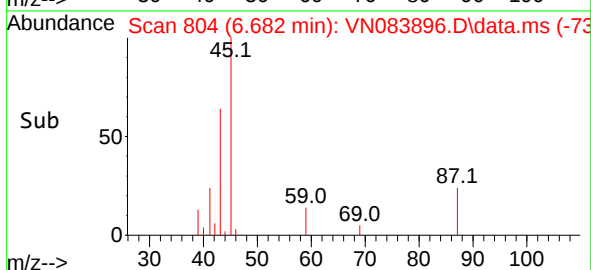
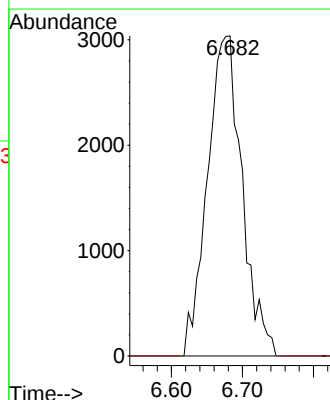
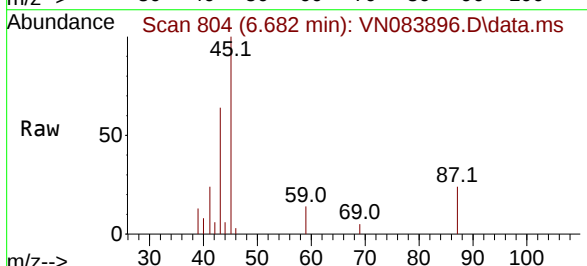
Acq: 14 Sep 2024 17:32

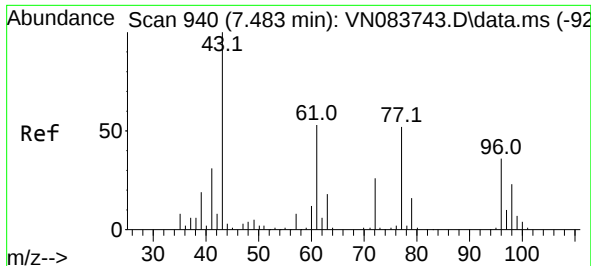
Tgt Ion: 43 Resp: 10288

Ion Ratio Lower Upper

43 100

86 0.0 8.7 13.1#





#25

2-Butanone

Concen: 20.931 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

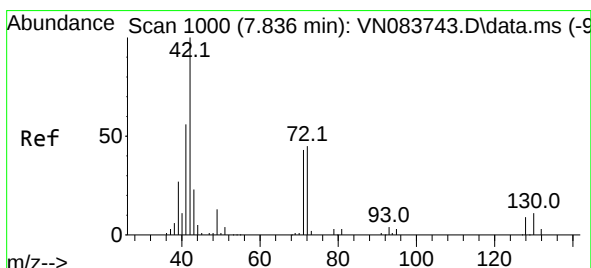
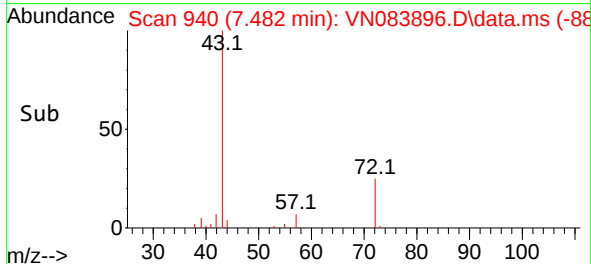
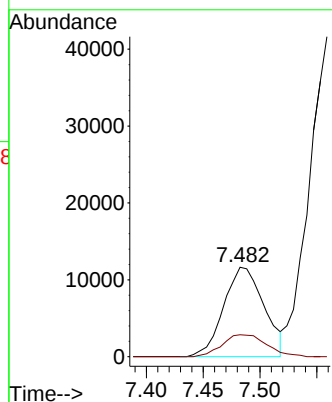
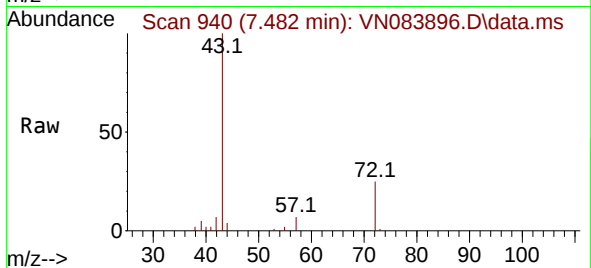
50413

Tgt Ion: 43 Resp: 28803

Ion Ratio Lower Upper

43 100

72 24.5 20.8 31.2



#29

Tetrahydrofuran

Concen: 7.506 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.277 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

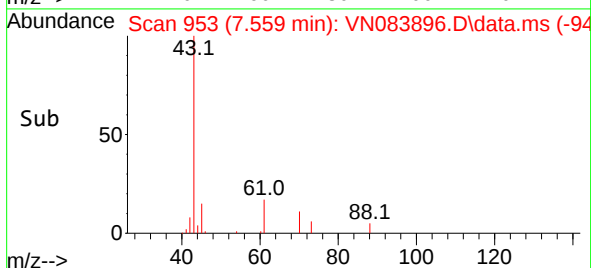
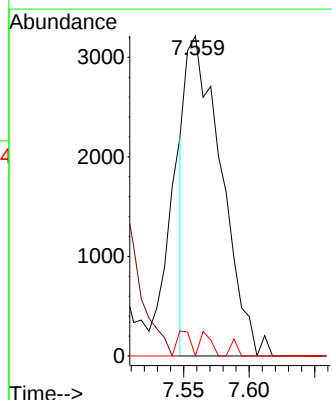
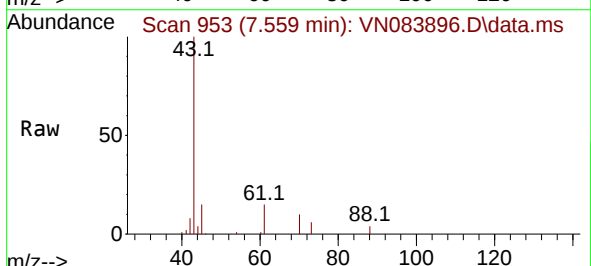
Tgt Ion: 42 Resp: 6107

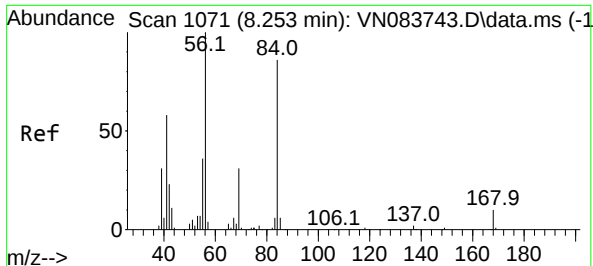
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

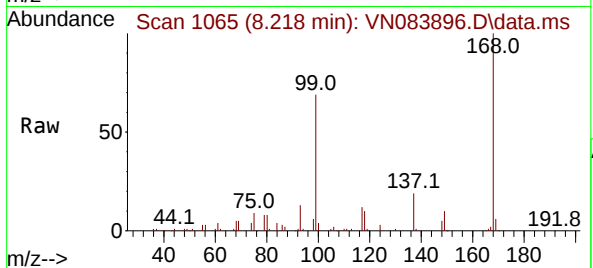
71 2.4 33.9 50.9#



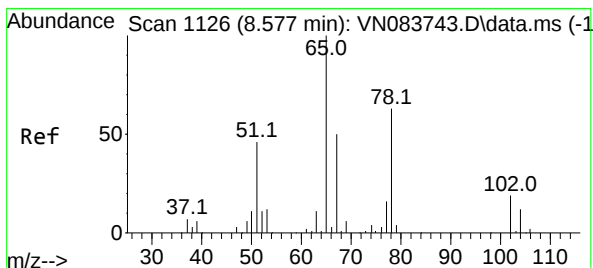
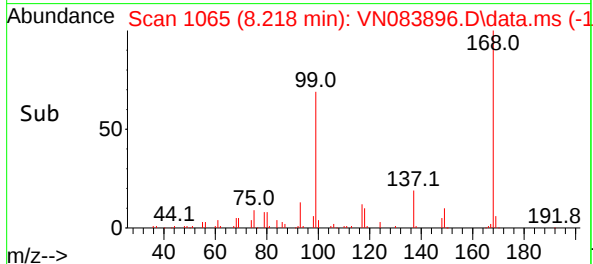
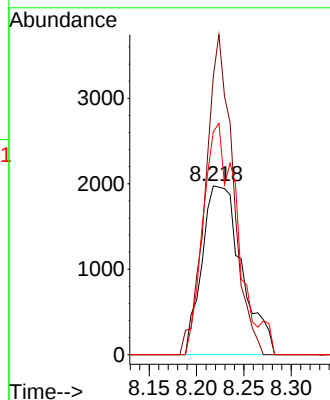


#31
Cyclohexane
Concen: 1.521 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
50413

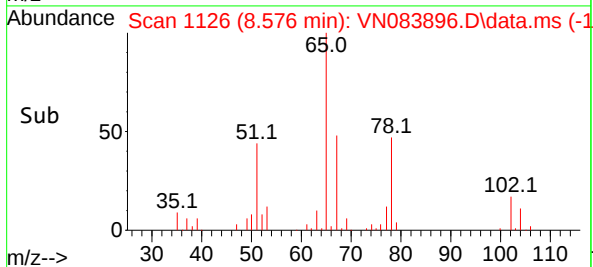
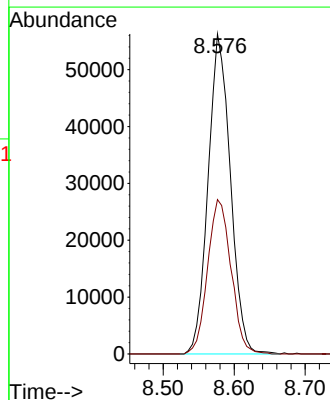
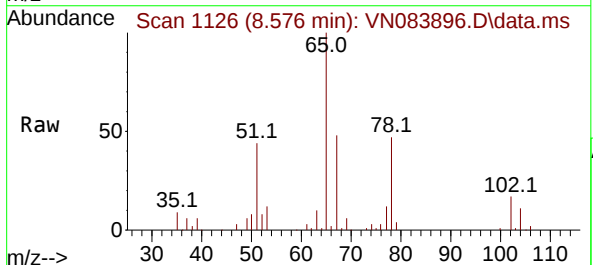


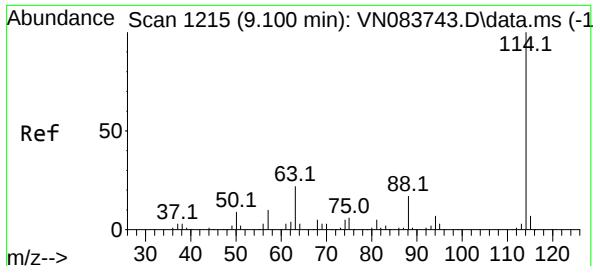
Tgt Ion: 56 Resp: 5740
Ion Ratio Lower Upper
56 100
69 165.0 26.9 40.3#
84 132.1 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 47.039 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 65 Resp: 122850
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

50413

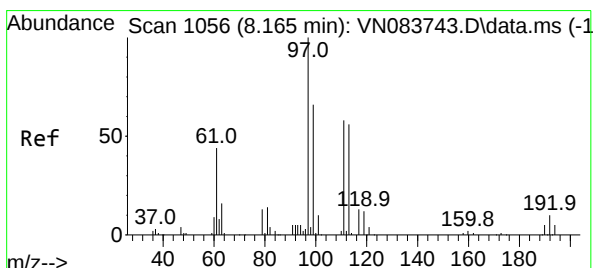
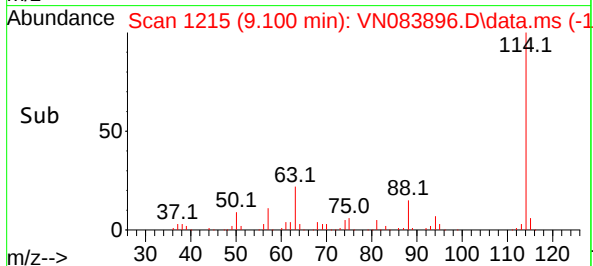
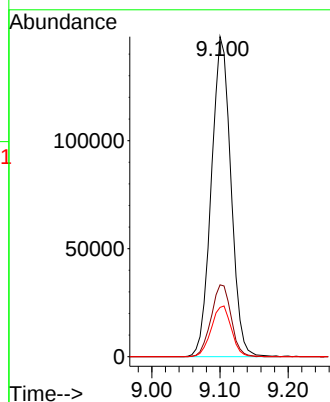
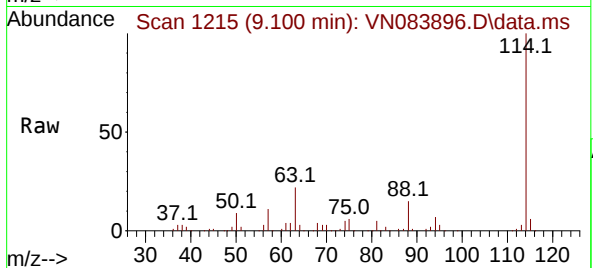
Tgt Ion:114 Resp: 296037

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.188 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

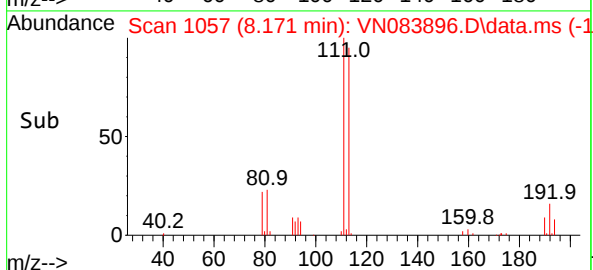
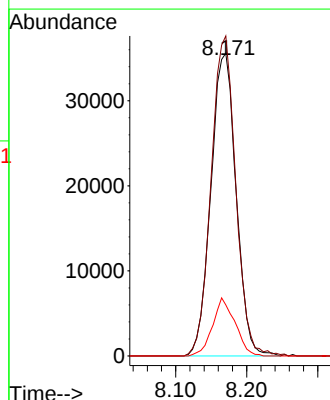
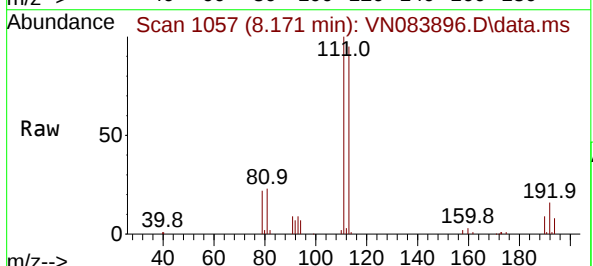
Tgt Ion:113 Resp: 87536

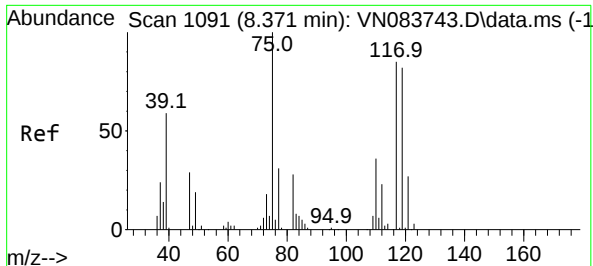
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.2 14.3 21.5

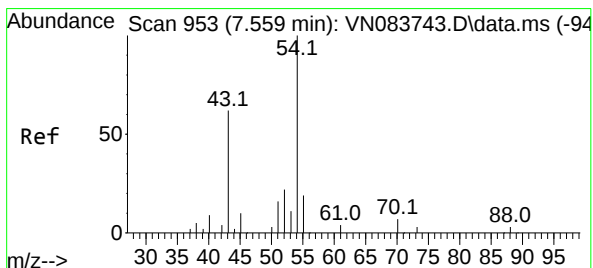
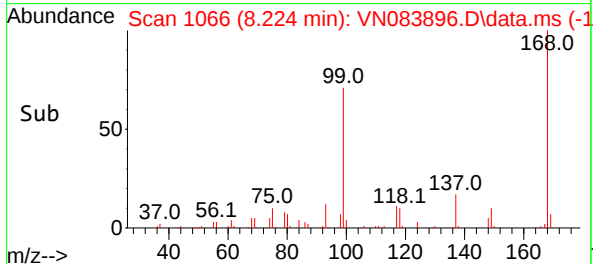
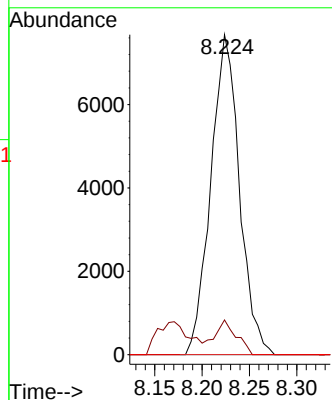
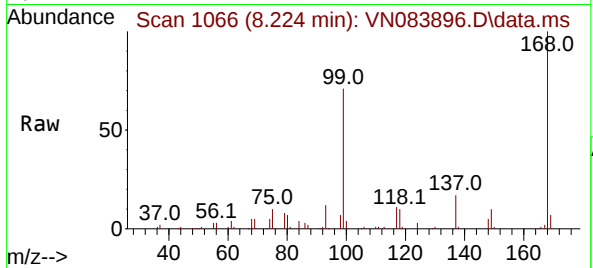




#36
 1,1-Dichloropropene
 Concen: 5.653 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083896.D
 Acq: 14 Sep 2024 17:32

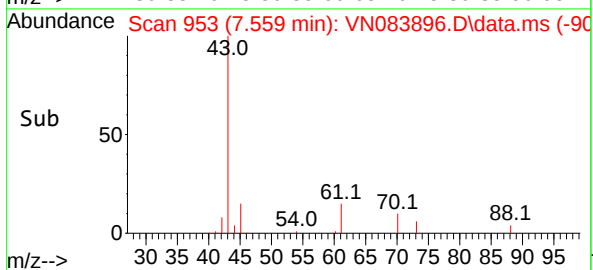
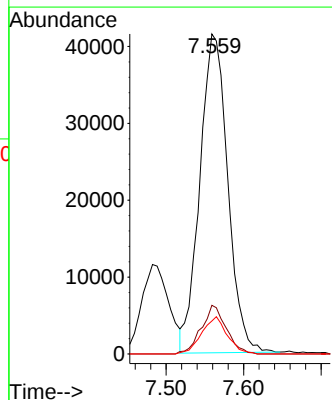
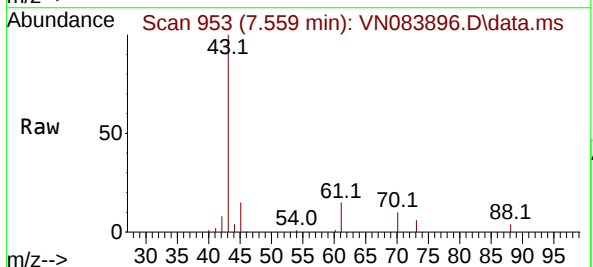
Instrument :
 MSVOA_N
 ClientSampleId :
 50413

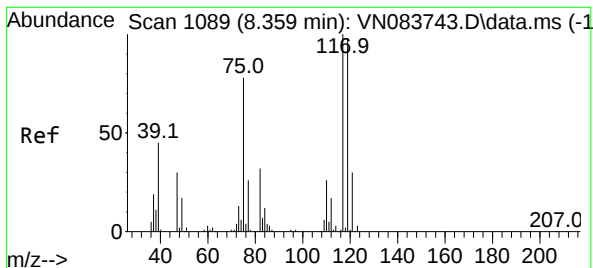
Tgt Ion: 75 Resp: 16124
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.7 50.1#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 40.078 ug/l
 RT: 7.559 min Scan# 953
 Delta R.T. -0.000 min
 Lab File: VN083896.D
 Acq: 14 Sep 2024 17:32

Tgt Ion: 43 Resp: 103773
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.1 16.7
 70 10.7 8.8 13.2





#38

Carbon Tetrachloride

Concen: 5.963 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

Lab File: VN083896.D

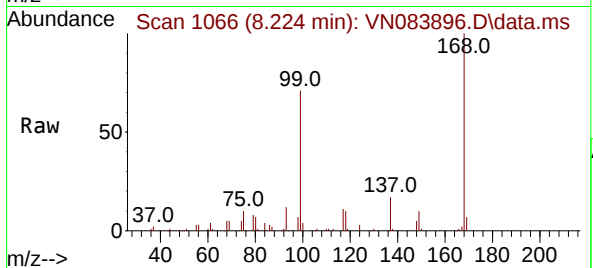
Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

50413



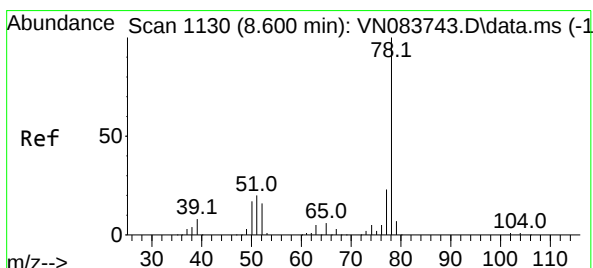
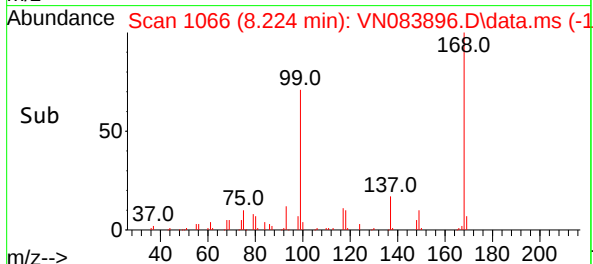
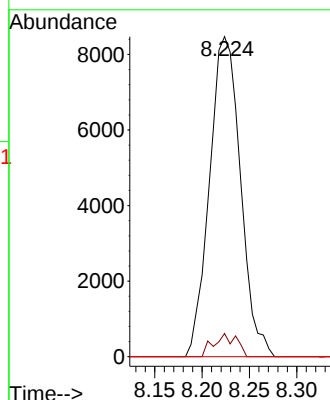
Tgt Ion:117 Resp: 19297

Ion Ratio Lower Upper

117 100

119 7.3 76.1 114.1#

121 0.0 24.1 36.1#



#40

Benzene

Concen: 54.115 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083896.D

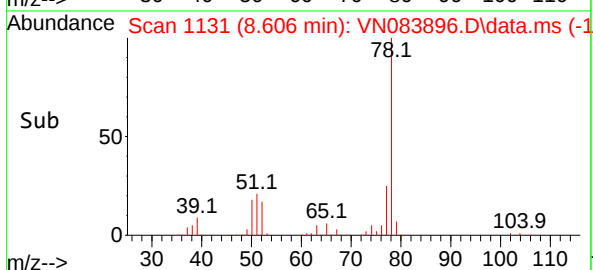
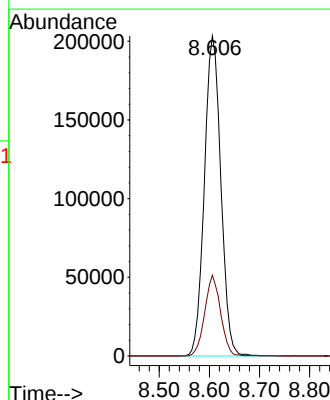
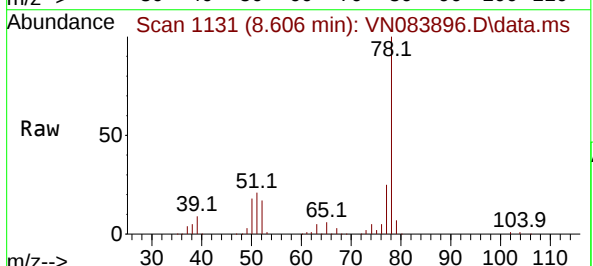
Acq: 14 Sep 2024 17:32

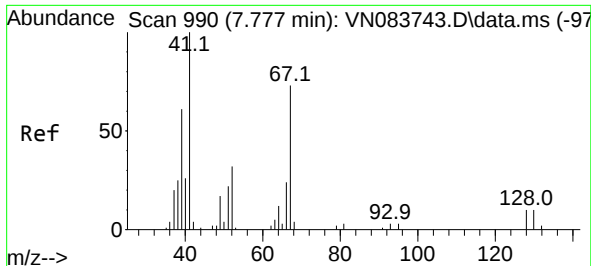
Tgt Ion: 78 Resp: 464616

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

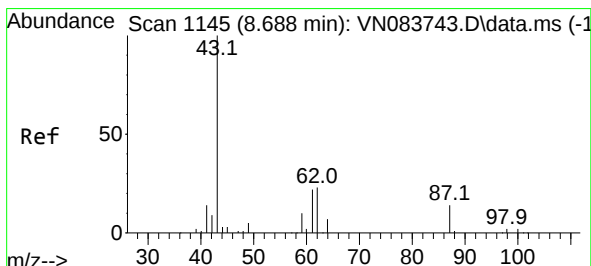
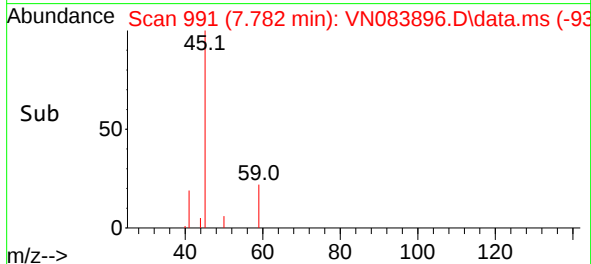
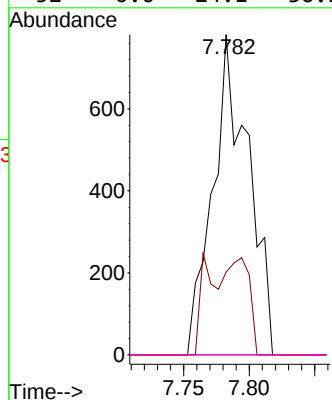
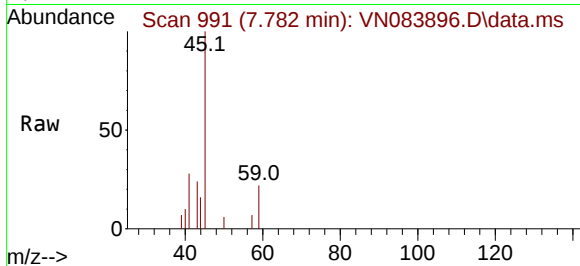




#41
Methacrylonitrile
Concen: 0.962 ug/l
RT: 7.782 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

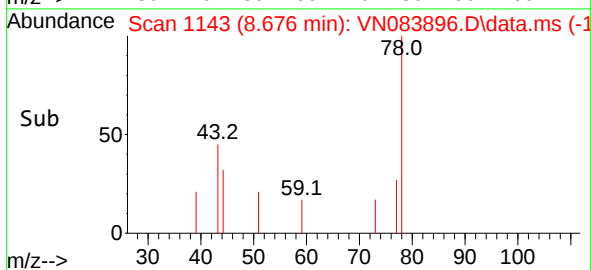
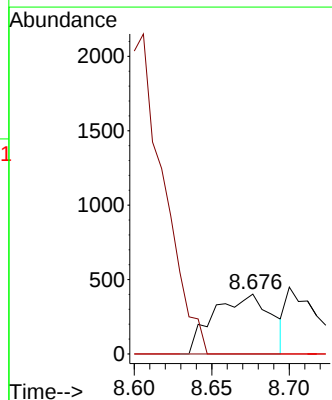
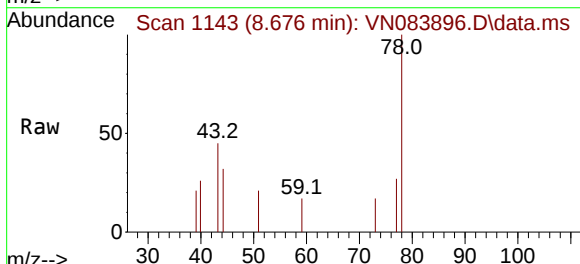
Instrument :
MSVOA_N
ClientSampleId :
50413

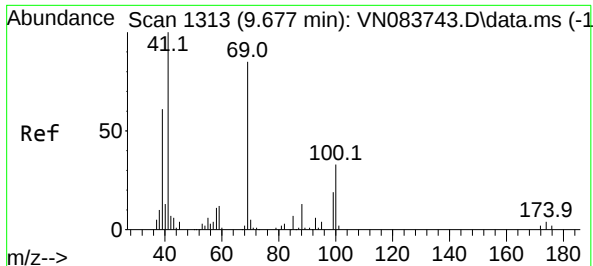
Tgt Ion:	41	Resp:	1473
Ion	Ratio	Lower	Upper
41	100		
39	20.6	45.4	68.2#
67	0.0	55.9	83.9#
52	0.0	24.1	36.1#



#43
Isopropyl Acetate
Concen: 0.220 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion:	43	Resp:	1032
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#

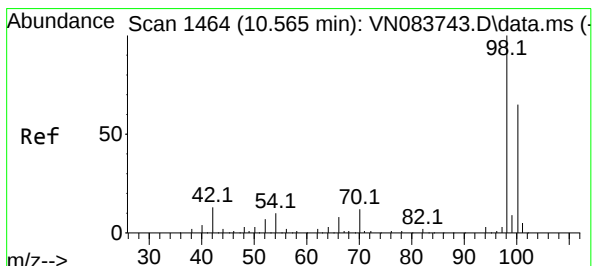
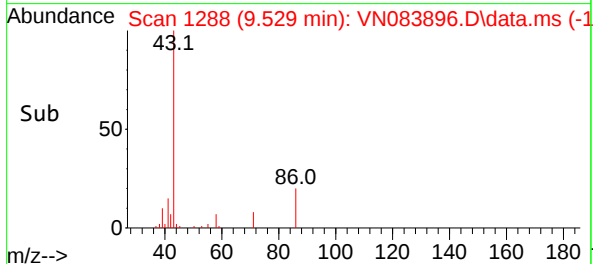
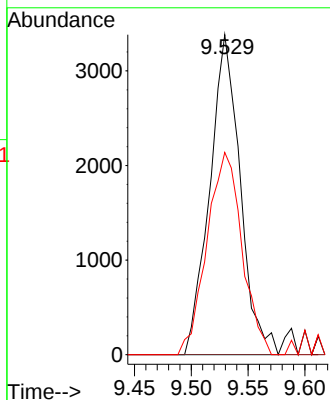
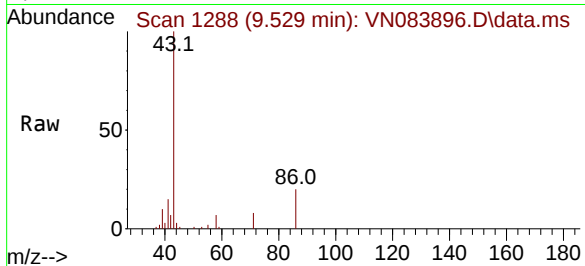




#48
Methyl methacrylate
Concen: 2.836 ug/l
RT: 9.529 min Scan# 1288
Delta R.T. -0.147 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

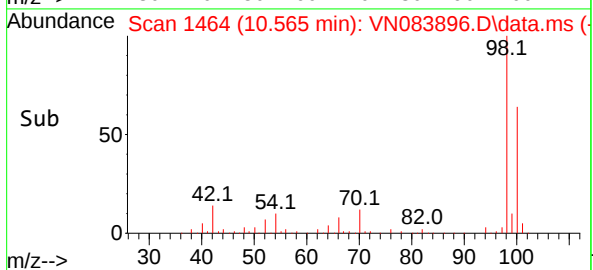
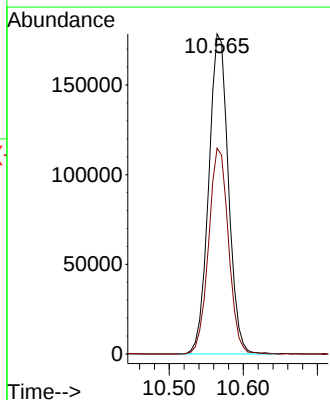
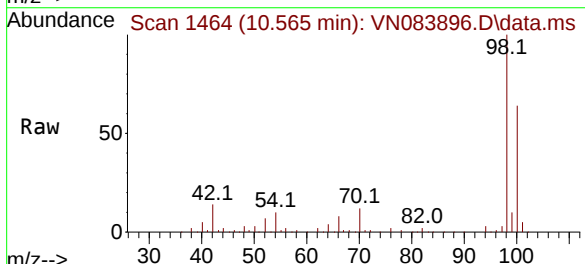
Instrument :
MSVOA_N
ClientSampleId :
50413

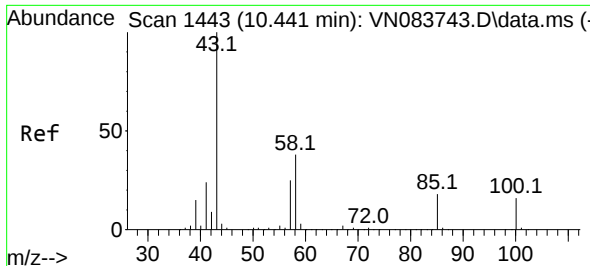
Tgt Ion: 41 Resp: 6314
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 72.7 48.9 73.3



#50
Toluene-d8
Concen: 50.114 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 98 Resp: 328333
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.258 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

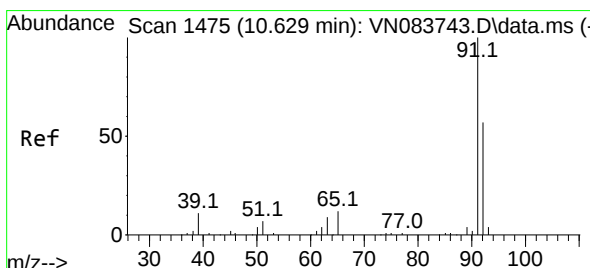
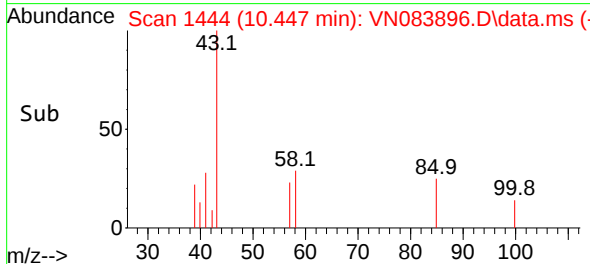
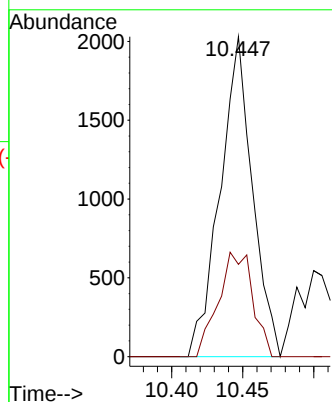
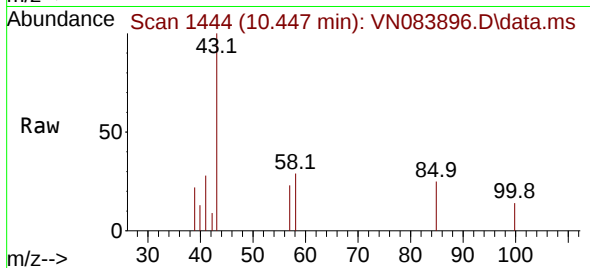
50413

Tgt Ion: 43 Resp: 3214

Ion Ratio Lower Upper

43 100

58 34.7 31.6 47.4



#52

Toluene

Concen: 89.885 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083896.D

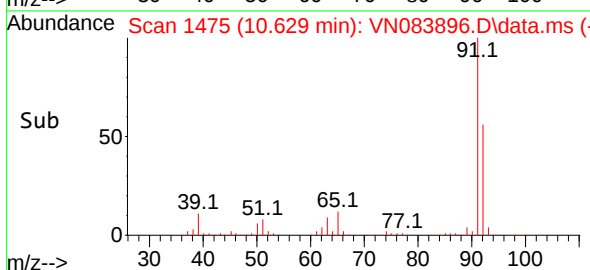
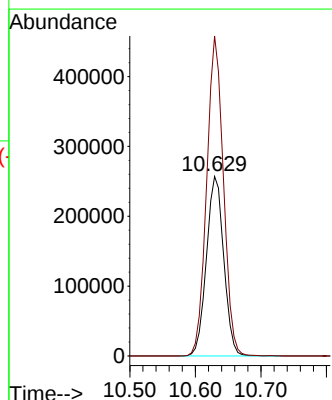
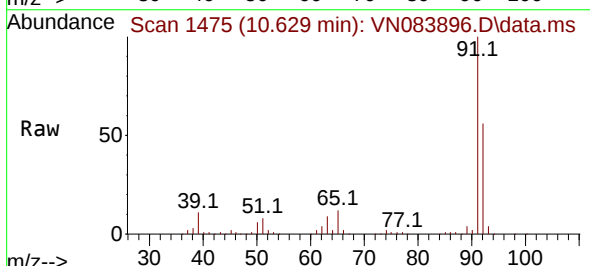
Acq: 14 Sep 2024 17:32

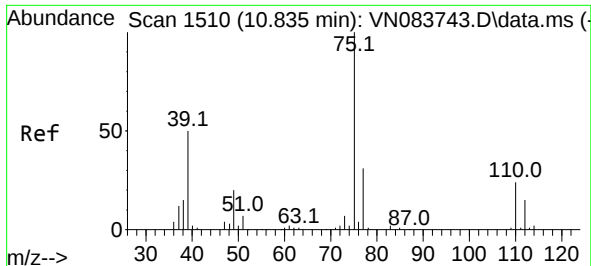
Tgt Ion: 92 Resp: 472049

Ion Ratio Lower Upper

92 100

91 172.4 134.7 202.1

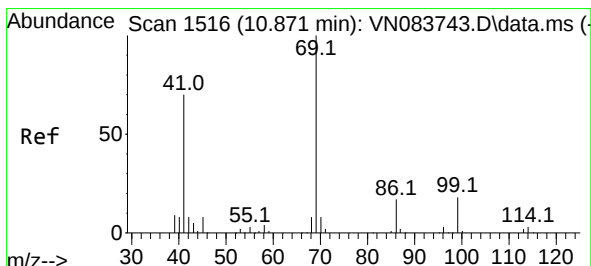
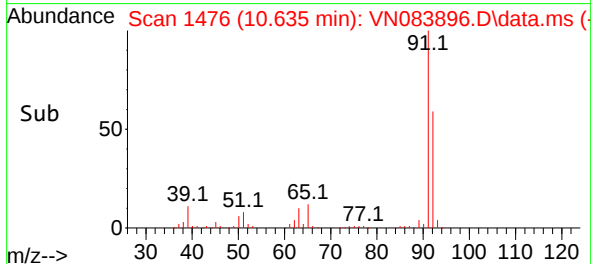
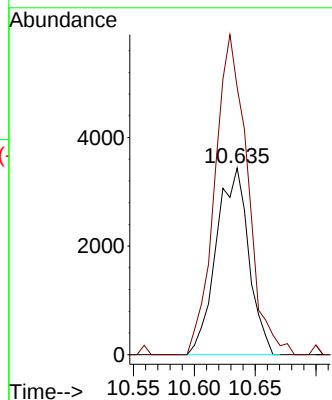
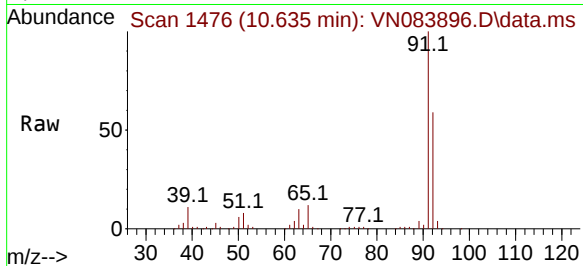




#53
t-1,3-Dichloropropene
Concen: 1.999 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

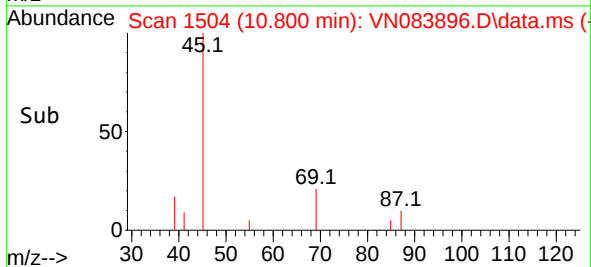
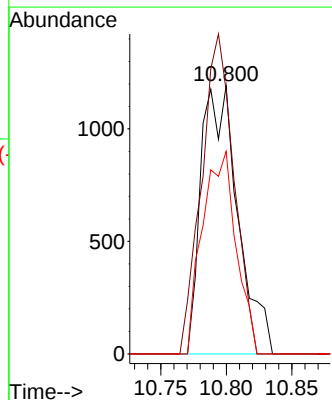
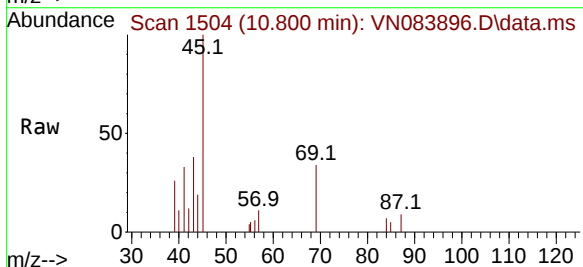
Instrument :
MSVOA_N
ClientSampleId :
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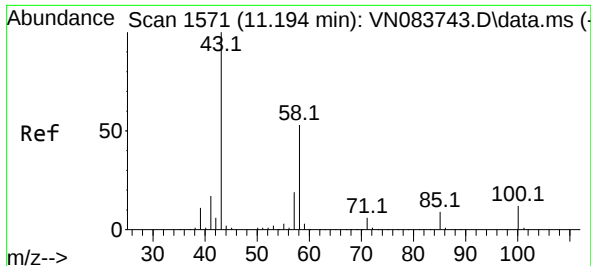
Tgt Ion: 75 Resp: 6374
Ion Ratio Lower Upper
75 100
77 143.1 25.8 38.6#



#56
Ethyl methacrylate
Concen: 0.772 ug/l
RT: 10.800 min Scan# 1504
Delta R.T. -0.071 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 69 Resp: 2329
Ion Ratio Lower Upper
69 100
41 104.8 53.9 80.9#
39 0.0 32.6 48.8#

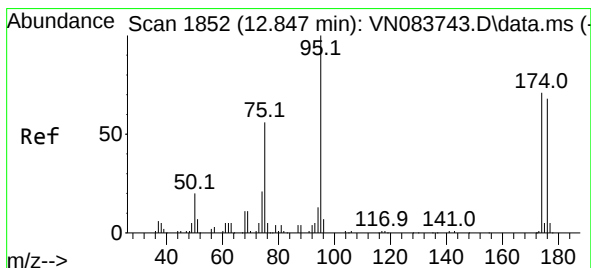
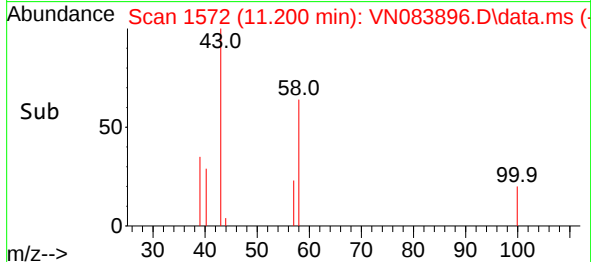
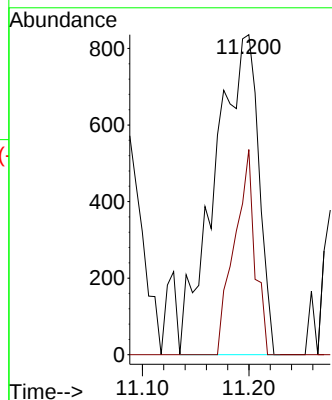
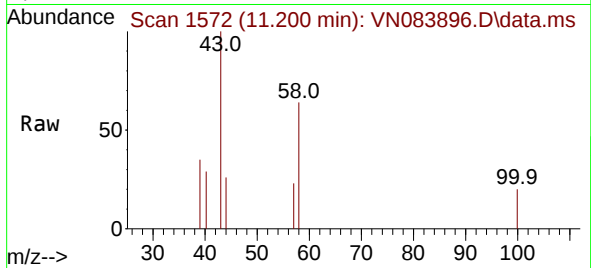




#59
2-Hexanone
Concen: 1.257 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

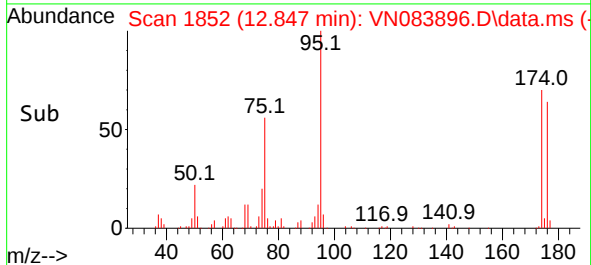
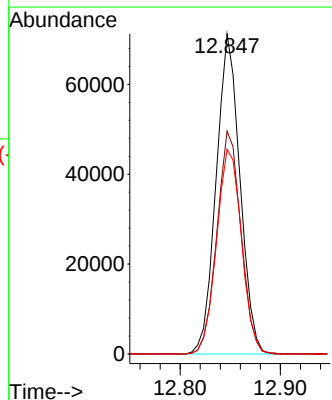
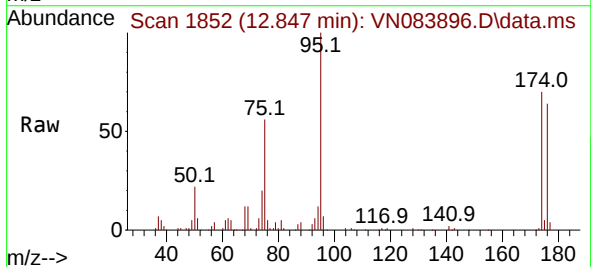
Instrument :
MSVOA_N
ClientSampleId :
50413

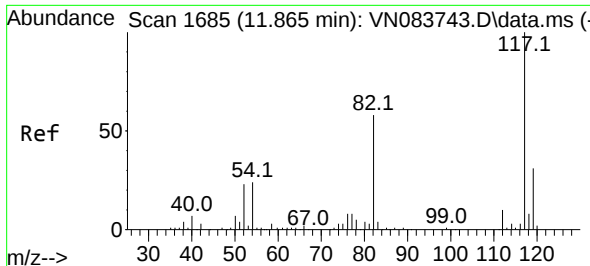
Tgt Ion: 43 Resp: 2374
Ion Ratio Lower Upper
43 100
58 30.3 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 43.366 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 95 Resp: 117223
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 67.0 0.0 131.4

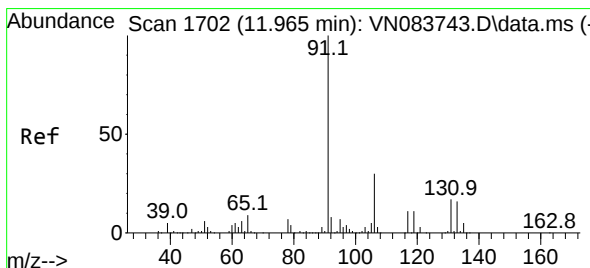
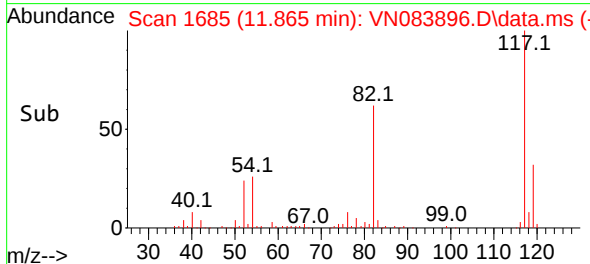
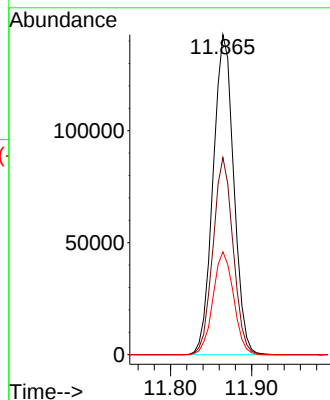
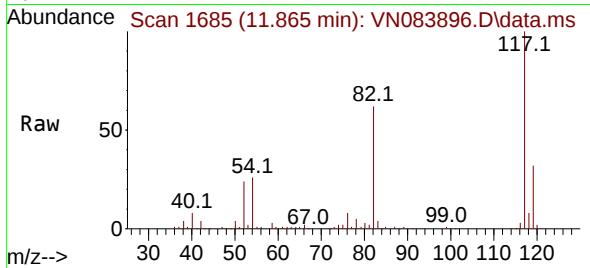




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

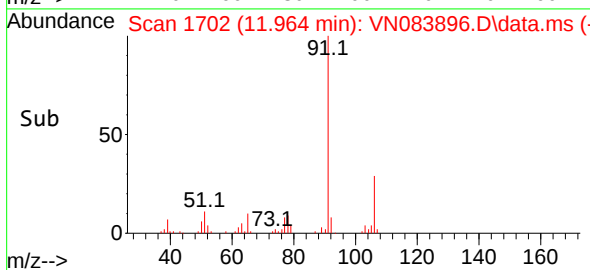
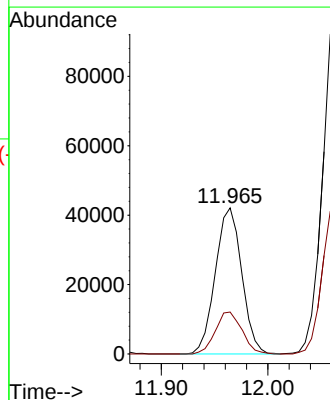
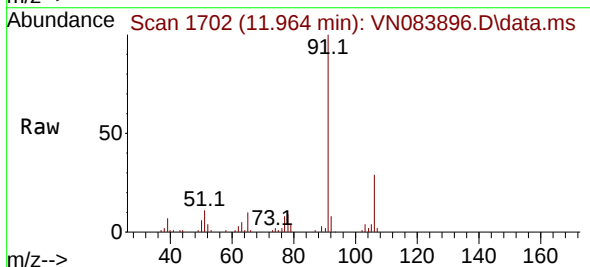
Instrument :
MSVOA_N
ClientSampleId :
50413

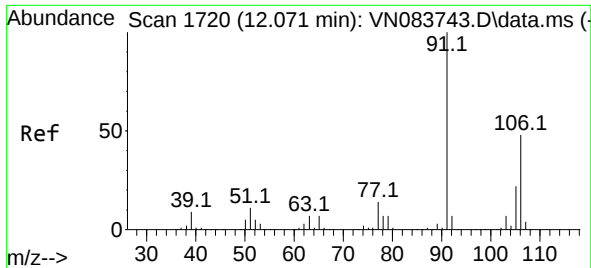
Tgt Ion:117 Resp: 252882
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.0
119 32.2 26.3 39.5



#67
Ethyl Benzene
Concen: 7.260 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 91 Resp: 72483
Ion Ratio Lower Upper
91 100
106 28.7 24.3 36.5

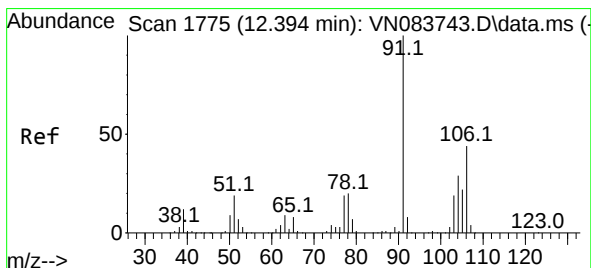
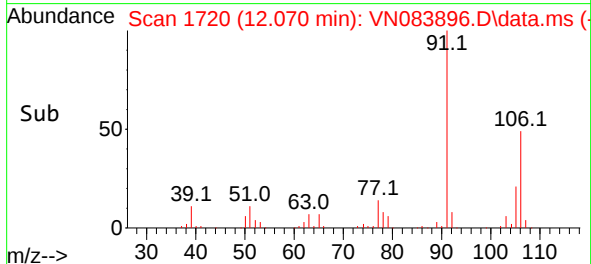
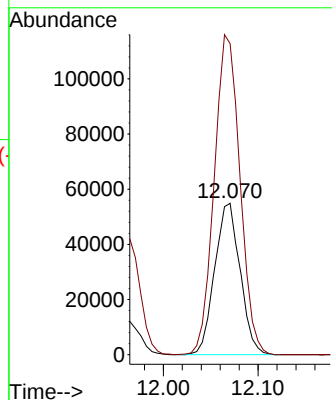
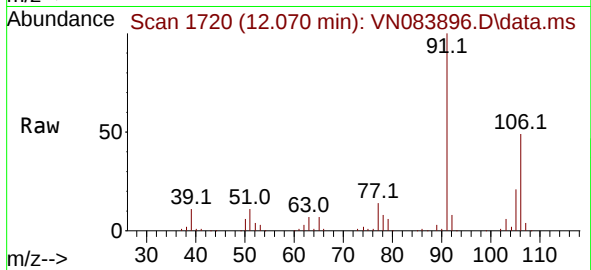




#68
m/p-Xylenes
Concen: 27.632 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

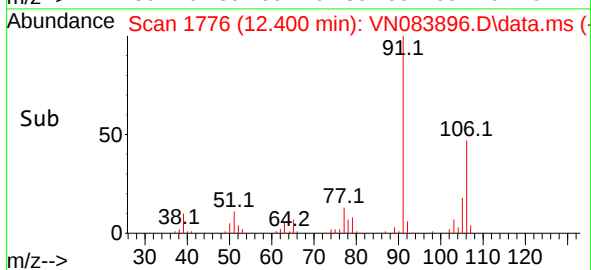
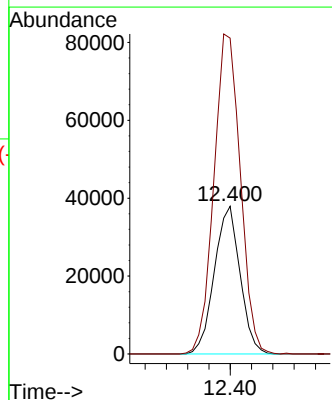
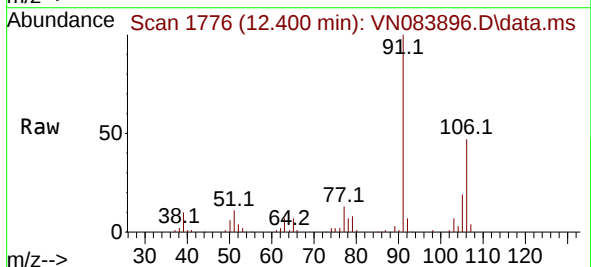
Instrument :
MSVOA_N
ClientSampleId :
50413

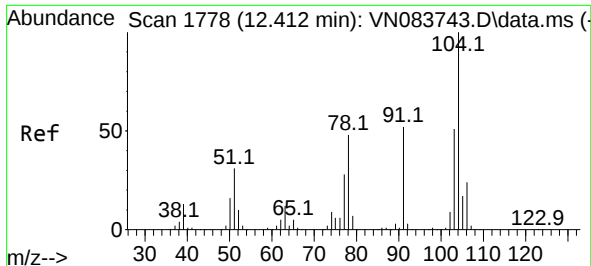
Tgt Ion:106 Resp: 102425
Ion Ratio Lower Upper
106 100
91 214.0 169.2 253.8



#69
o-Xylene
Concen: 17.670 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion:106 Resp: 63408
Ion Ratio Lower Upper
106 100
91 223.0 112.9 338.6

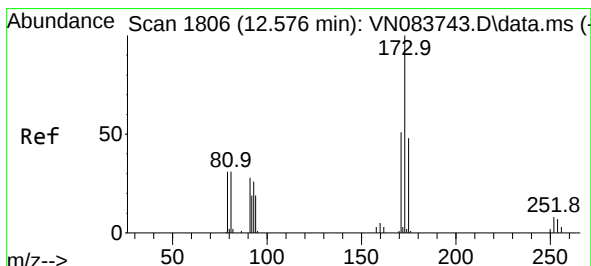
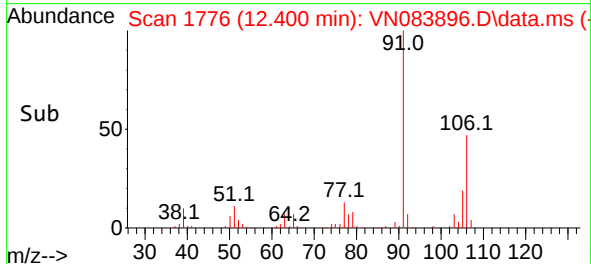
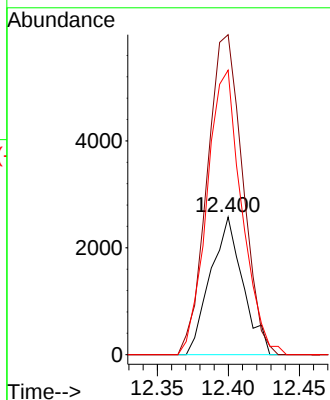
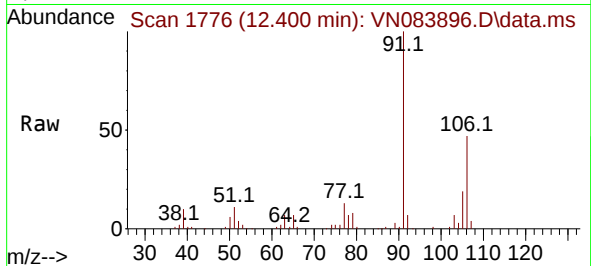




#70
Styrene
Concen: 0.692 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

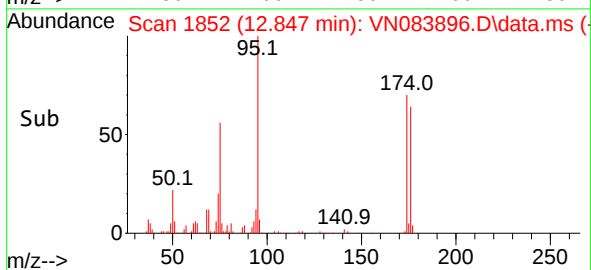
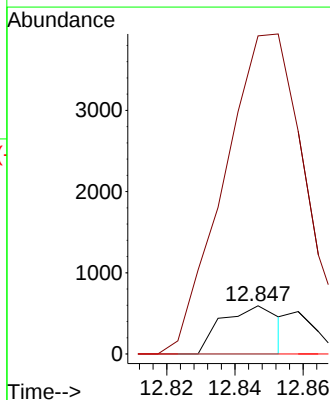
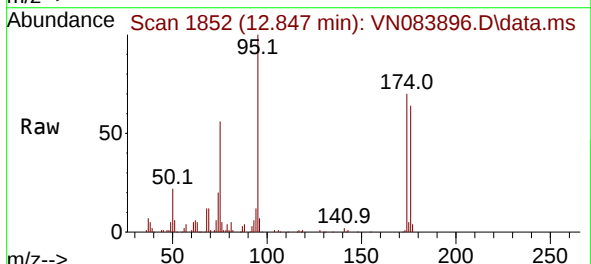
Instrument :
MSVOA_N
ClientSampleId :
50413

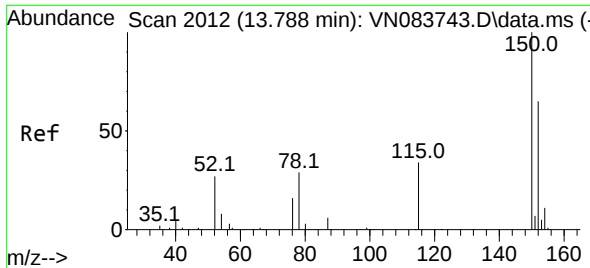
Tgt Ion:104 Resp: 4078
Ion Ratio Lower Upper
104 100
78 255.4 43.3 64.9#
103 222.5 43.4 65.2#



#71
Bromoform
Concen: 0.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion:173 Resp: 690
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0

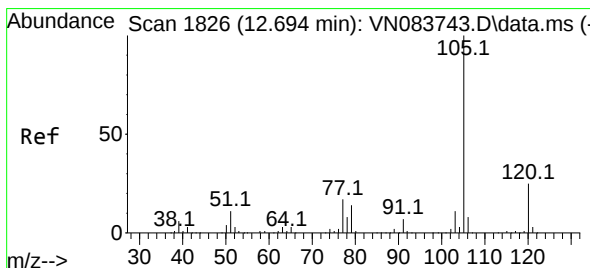
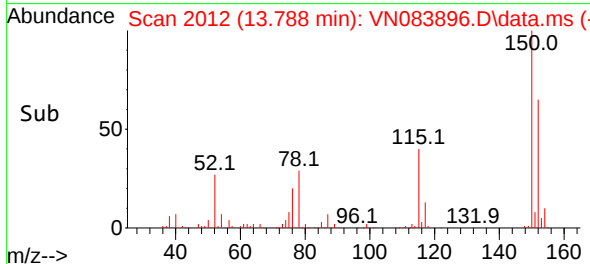
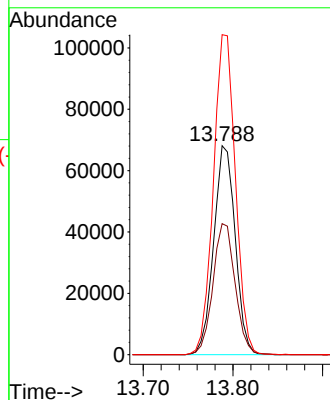
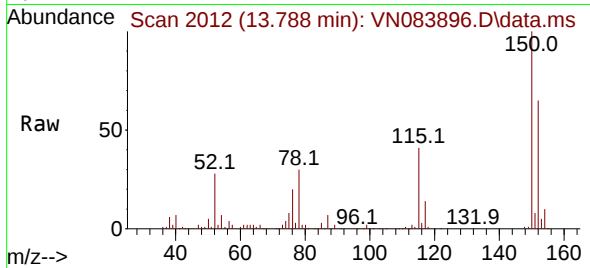




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

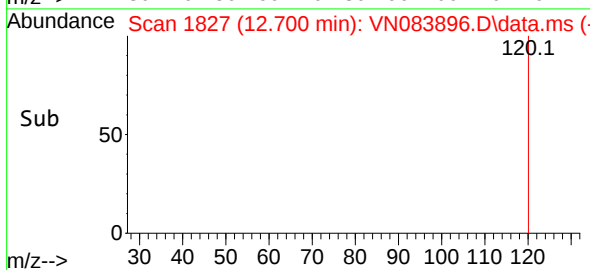
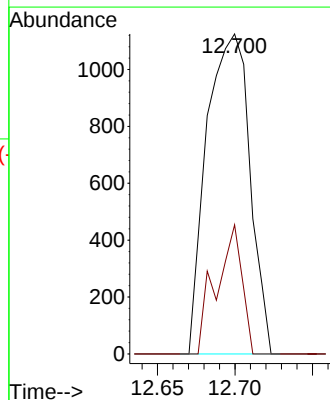
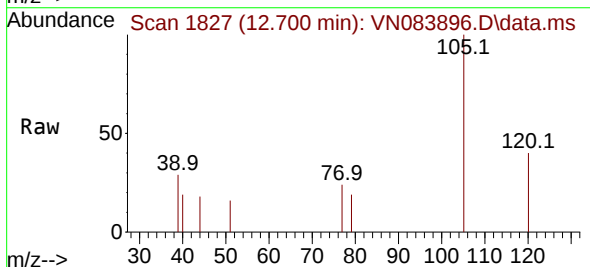
Instrument :
MSVOA_N
ClientSampleId :
50413

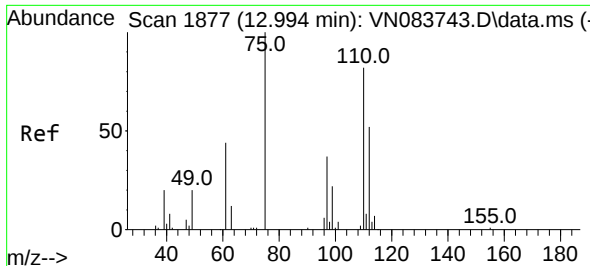
Tgt Ion:152 Resp: 113517
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 156.6 0.0 348.6



#73
Isopropylbenzene
Concen: 0.248 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion:105 Resp: 2174
Ion Ratio Lower Upper
105 100
120 24.2 12.6 37.8

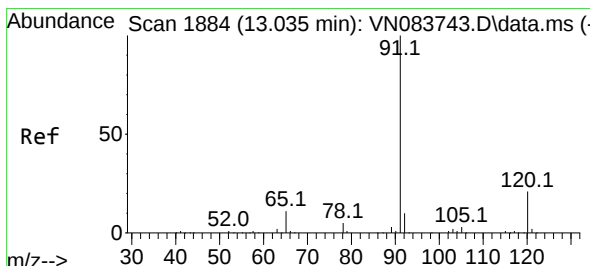
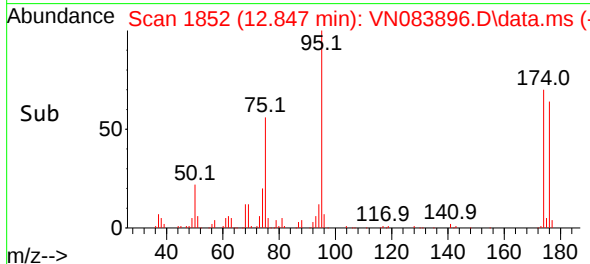
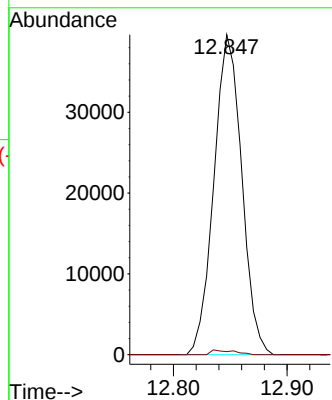
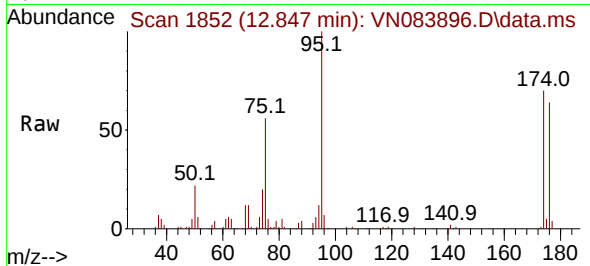




#76
1,2,3-Trichloropropane
Concen: 29.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

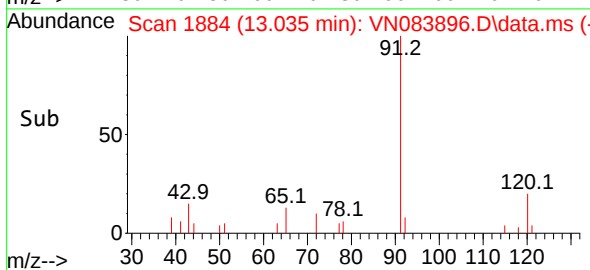
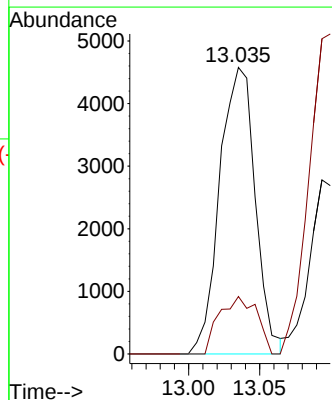
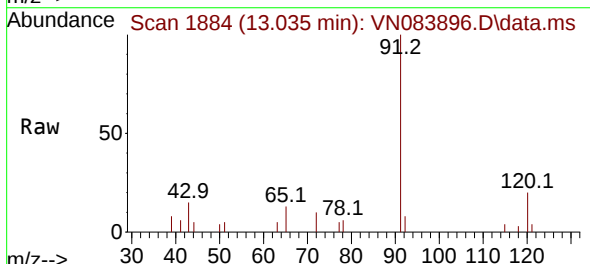
Instrument :
MSVOA_N
ClientSampleId :
50413

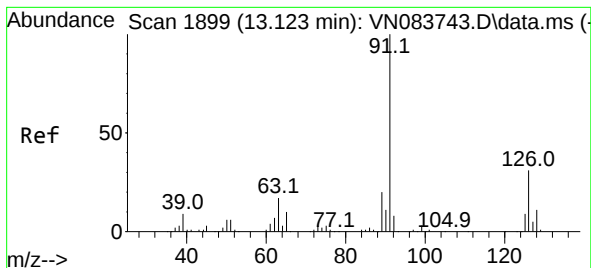
Tgt Ion: 75 Resp: 67370
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#78
n-propylbenzene
Concen: 0.779 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 91 Resp: 7962
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.224 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

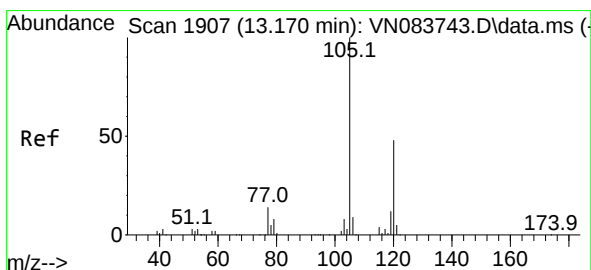
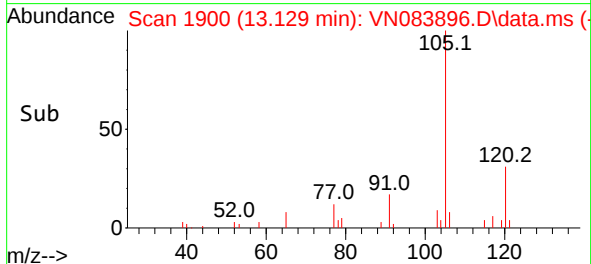
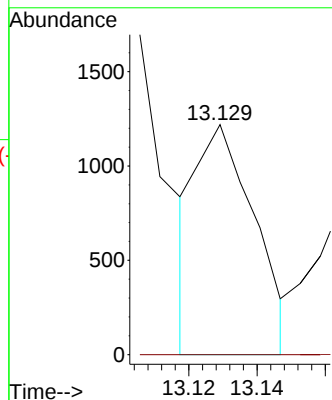
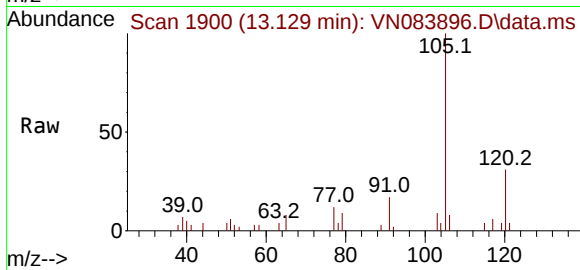
50413

Tgt Ion: 91 Resp: 1457

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: 1.489 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083896.D

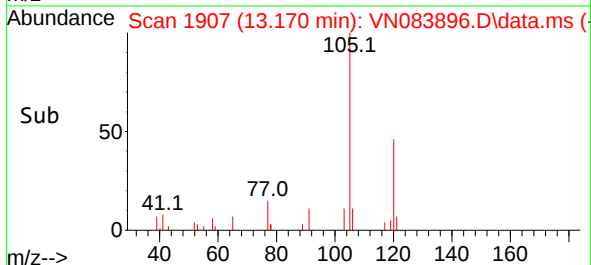
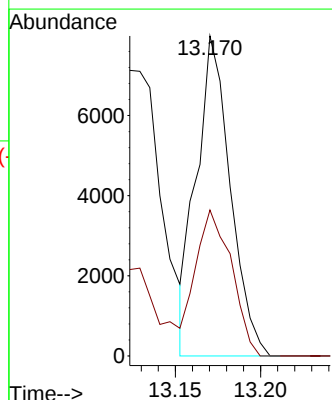
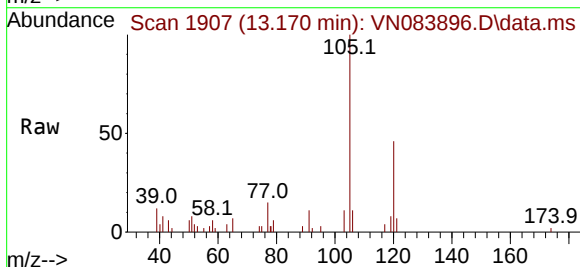
Acq: 14 Sep 2024 17:32

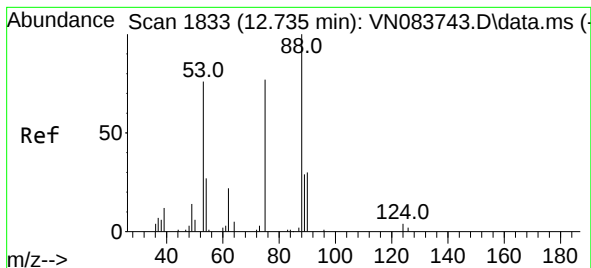
Tgt Ion: 105 Resp: 11027

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.3

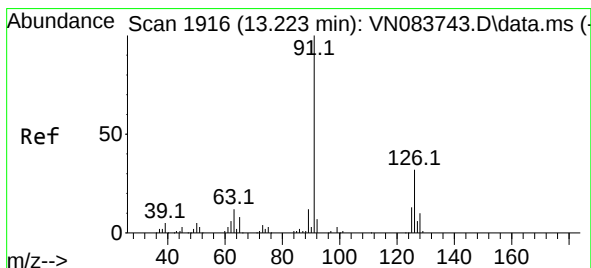
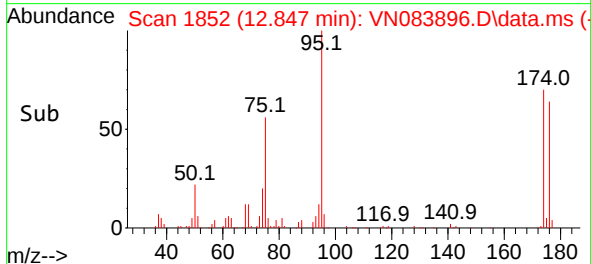
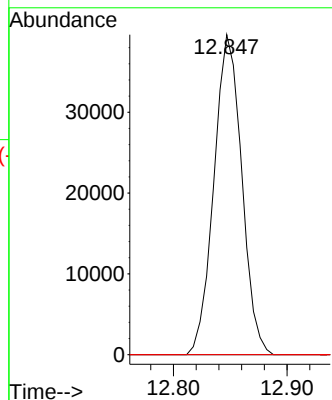
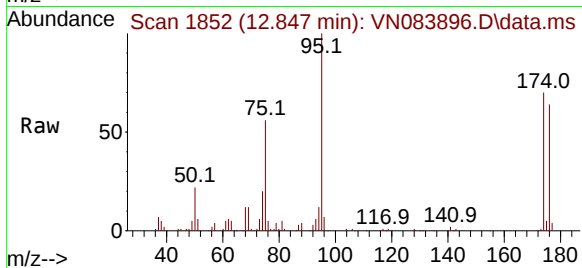




#81
trans-1,4-Dichloro-2-butene
Concen: 77.033 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

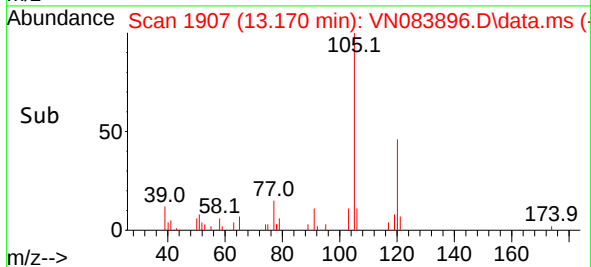
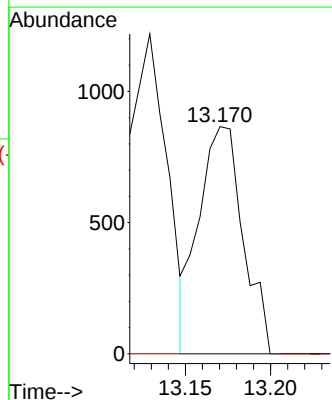
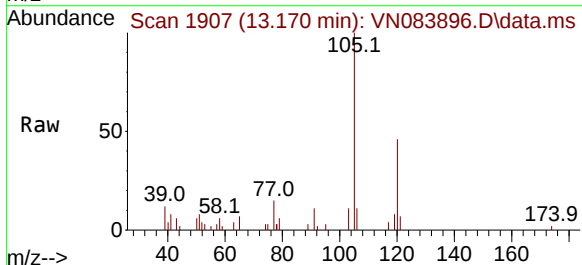
Instrument :
MSVOA_N
ClientSampleId :
50413

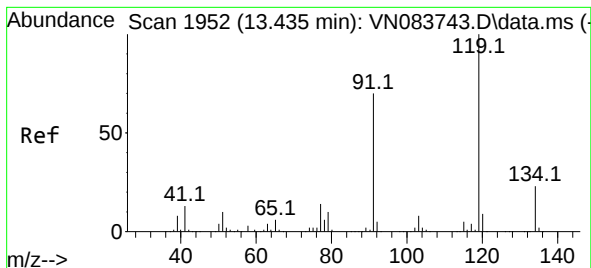
Tgt Ion: 75 Resp: 67370
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN083896.D
Acq: 14 Sep 2024 17:32

Tgt Ion: 91 Resp: 1567
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#





#83

tert-Butylbenzene

Concen: 1.068 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN083896.D

Acq: 14 Sep 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

50413

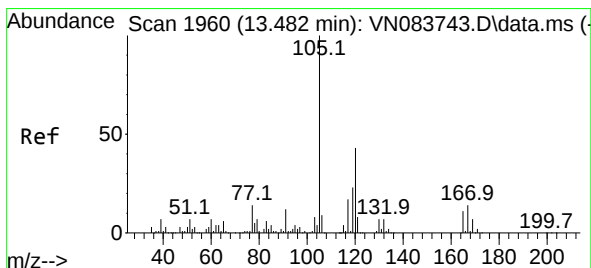
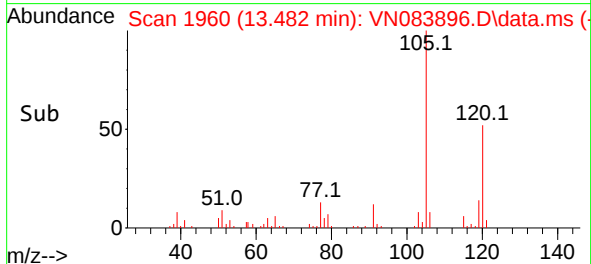
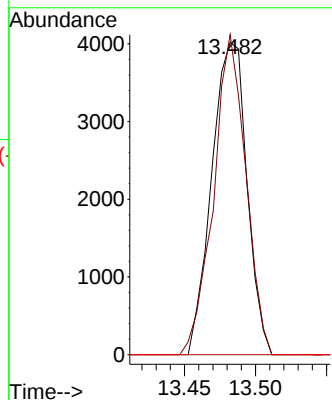
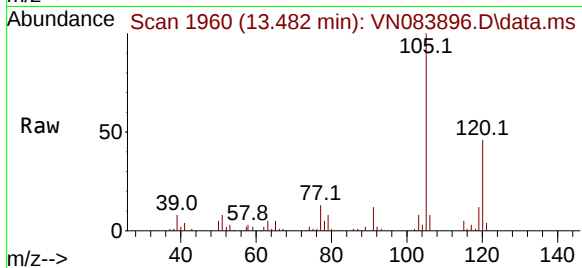
Tgt Ion:119 Resp: 6918

Ion Ratio Lower Upper

119 100

91 93.7 34.5 103.6

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 7.495 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083896.D

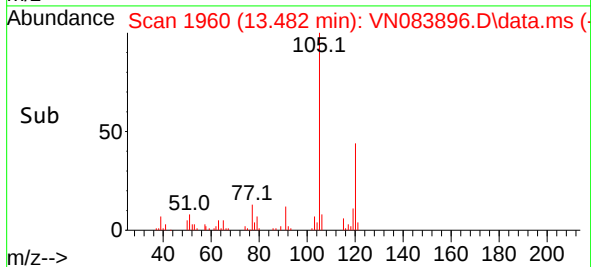
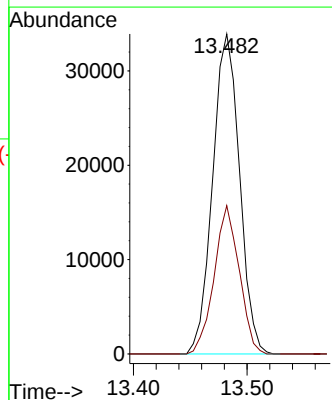
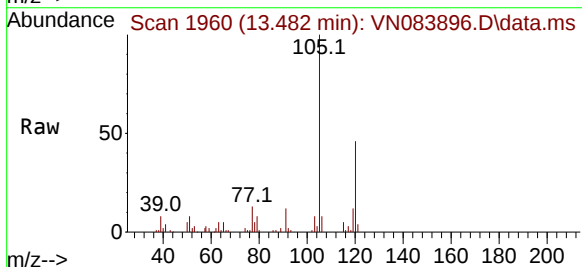
Acq: 14 Sep 2024 17:32

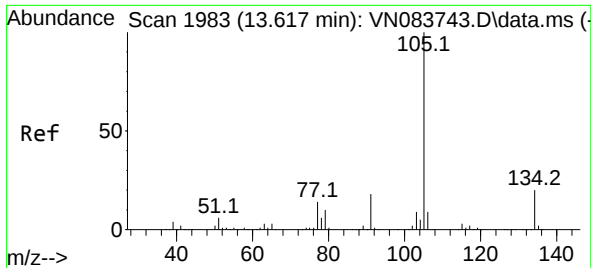
Tgt Ion:105 Resp: 55748

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.4

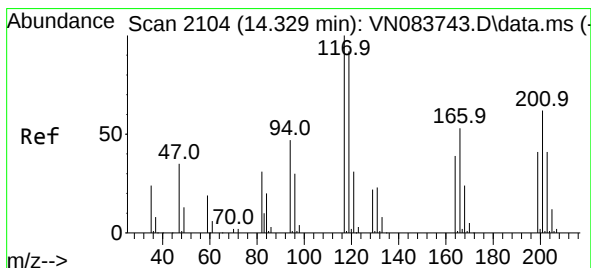
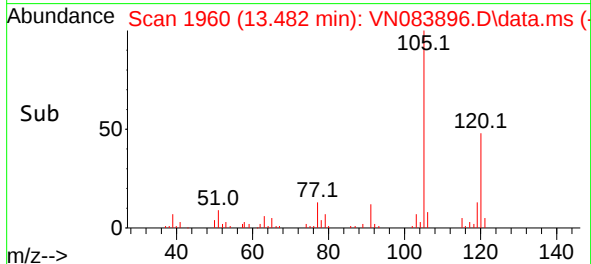
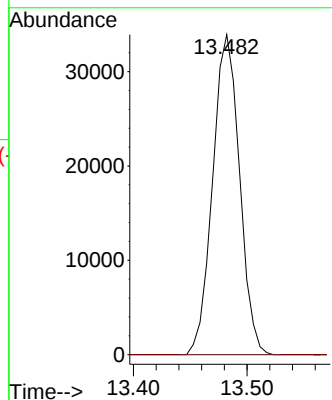
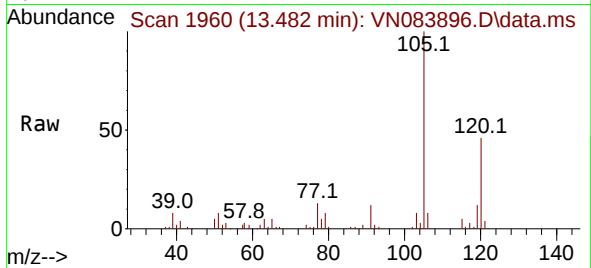




#85
 sec-Butylbenzene
 Concen: 6.489 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN083896.D
 Acq: 14 Sep 2024 17:32

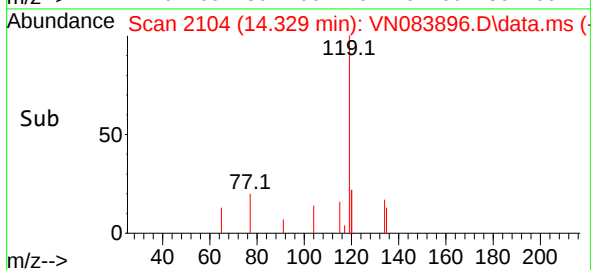
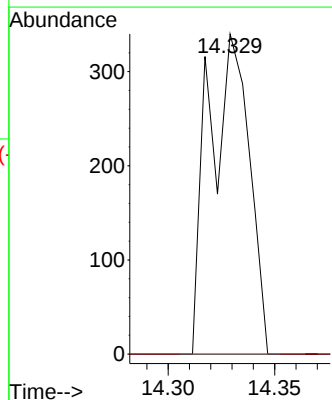
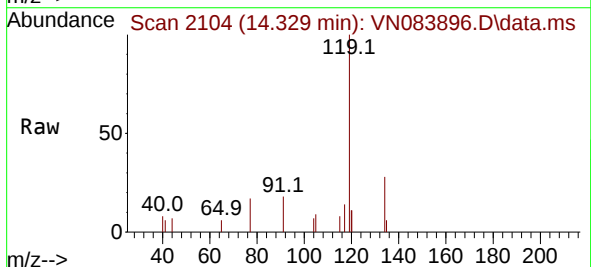
Instrument :
 MSVOA_N
 ClientSampleId :
 50413

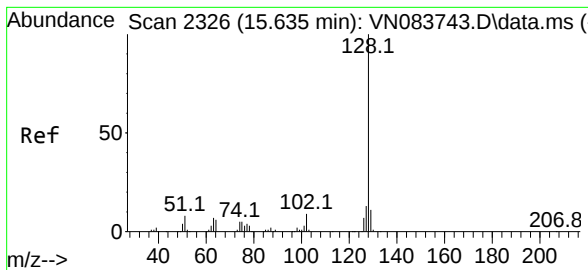
Tgt Ion:105 Resp: 55748
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#90
 Hexachloroethane
 Concen: 0.308 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN083896.D
 Acq: 14 Sep 2024 17:32

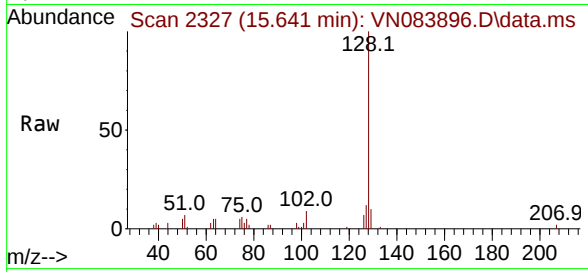
Tgt Ion:117 Resp: 446
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.8 98.3#





#95
 Naphthalene
 Concen: 3.747 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083896.D
 Acq: 14 Sep 2024 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 50413



Tgt Ion:	128	Resp:	23554
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	9.9	8.7	13.1

