

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068786.D
 Acq On : 1 Oct 2021 16:27
 Operator : JC/MD
 Sample : M3915-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20210921

Quant Time: Oct 02 04:00:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

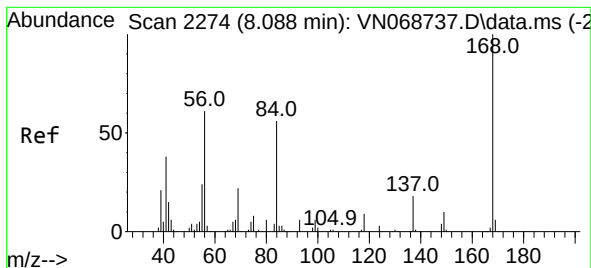
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	496368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	864412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	738928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	250510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	354287	51.227	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.460%			
35) Dibromofluoromethane	8.024	113	273474	50.919	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.840%			
50) Toluene-d8	10.443	98	1075695	54.810	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.620%			
62) 4-Bromofluorobenzene	12.731	95	324923	47.646	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.300%			
Target Compounds						
						Qvalue
3) Chloromethane	2.301	50	818	Below Cal	#	68
5) Bromomethane	2.842	94	138	Below Cal	#	24
6) Chloroethane	3.014	64	464	Below Cal	#	44
13) Acrolein	4.044	56	53	Below Cal	#	14
16) Acetone	4.296	43	3477	Below Cal		93
17) Carbon Disulfide	4.543	76	116	Below Cal	#	74
19) Methyl tert-butyl Ether	5.621	73	10115	0.546	ug/l	91
31) Cyclohexane	8.091	56	13934	Below Cal	#	33
36) 1,1-Dichloropropene	8.086	75	44971	5.532	ug/l	# 52
38) Carbon Tetrachloride	8.083	117	54964	5.691	ug/l	# 17
44) Trichloroethene	9.220	130	2042	0.309	ug/l	74
51) 4-Methyl-2-Pentanone	10.446	43	5076	0.592	ug/l	# 1
76) 1,2,3-Trichloropropane	12.734	75	190166	34.135	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.734	75	190166	99.229	ug/l	# 6
95) Naphthalene	15.504	128	539	1.491	ug/l	# 69

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

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Response via : Initial Calibration

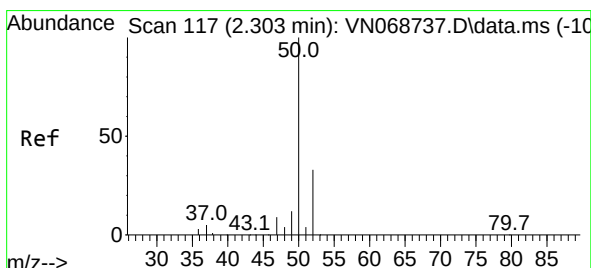
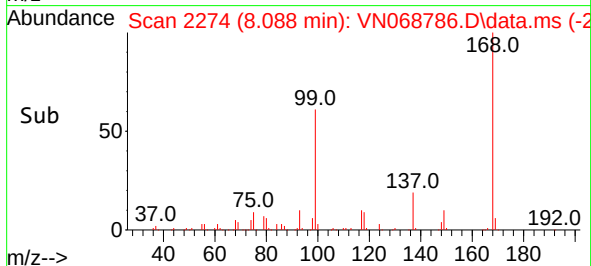
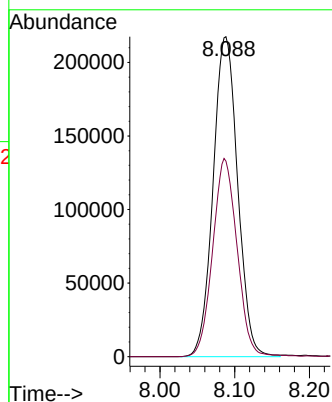
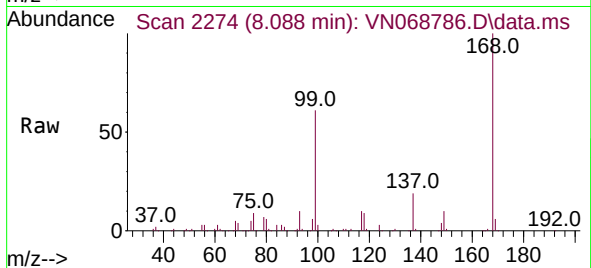




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

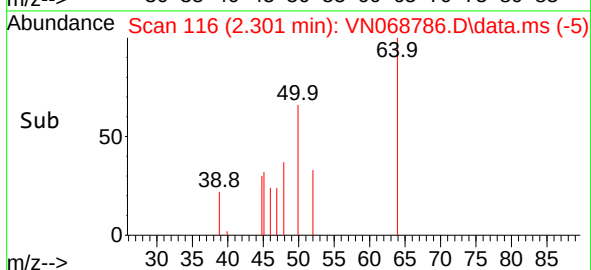
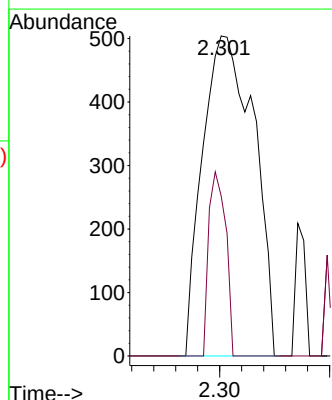
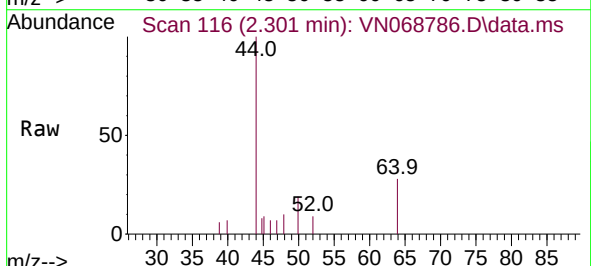
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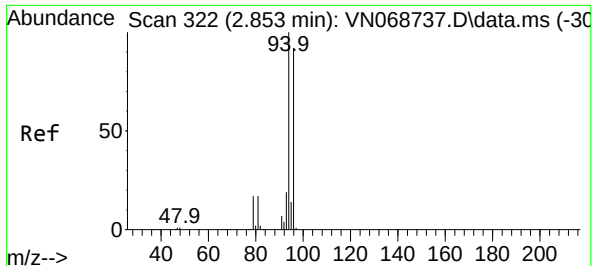
Tgt Ion:168 Resp: 496368
Ion Ratio Lower Upper
168 100
99 61.1 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 50 Resp: 818
Ion Ratio Lower Upper
50 100
52 50.0 25.6 38.4#





#5

Bromomethane

Concen: Below Cal

RT: 2.842 min Scan# 318

Delta R.T. -0.011 min

Lab File: VN068786.D

Acq: 1 Oct 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

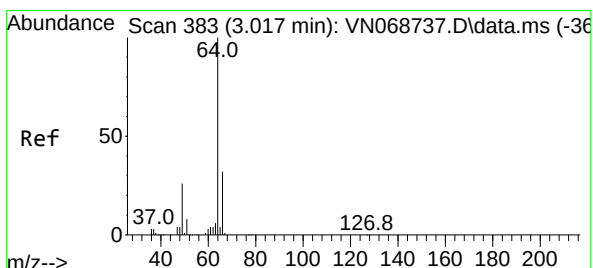
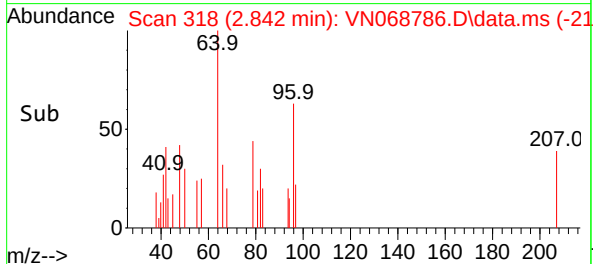
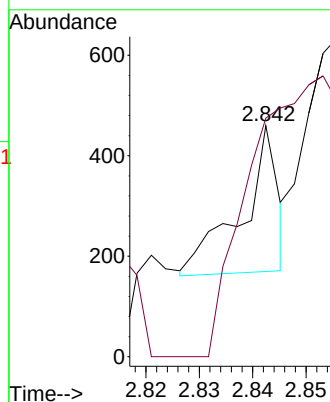
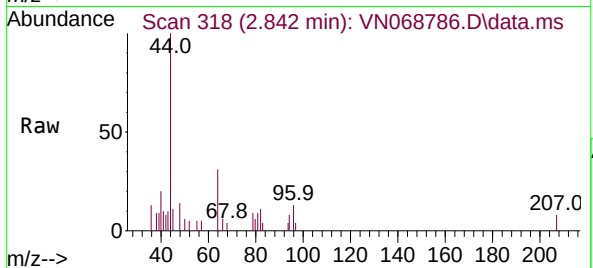
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Tgt Ion: 94 Resp: 138

Ion Ratio Lower Upper

94 100

96 164.4 73.7 110.5#



#6

Chloroethane

Concen: Below Cal

RT: 3.014 min Scan# 382

Delta R.T. -0.003 min

Lab File: VN068786.D

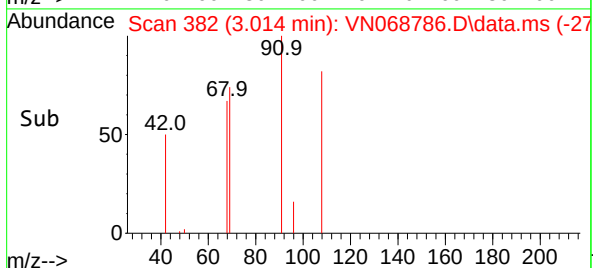
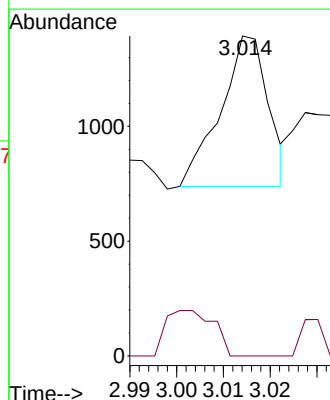
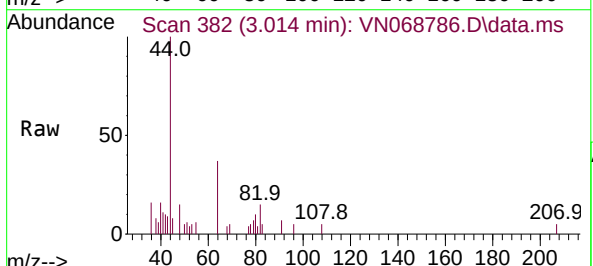
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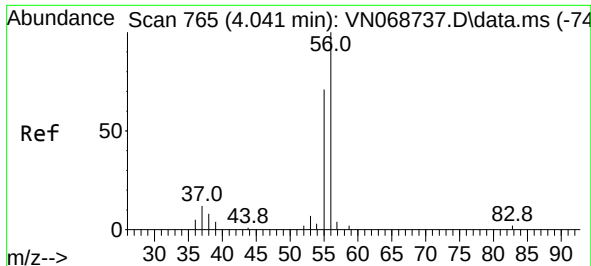
Tgt Ion: 64 Resp: 464

Ion Ratio Lower Upper

64 100

66 0.0 24.7 37.1#

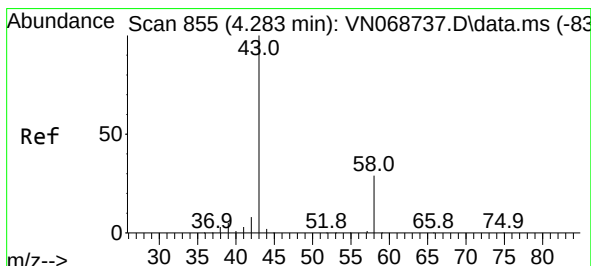
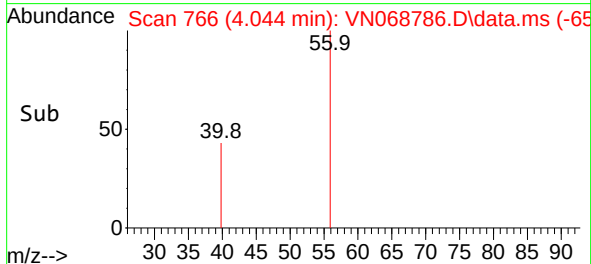
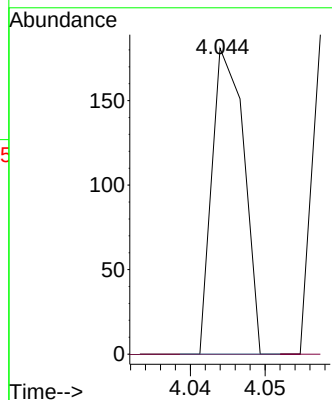
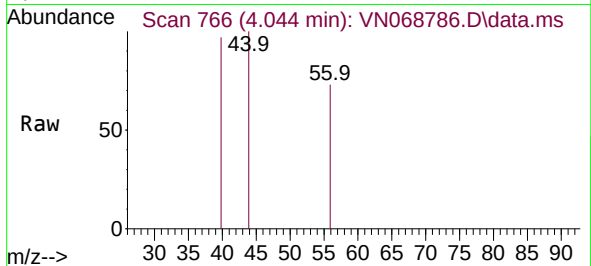




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

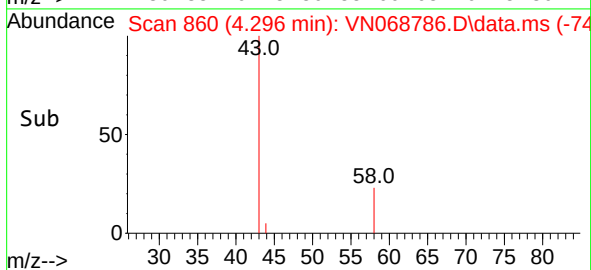
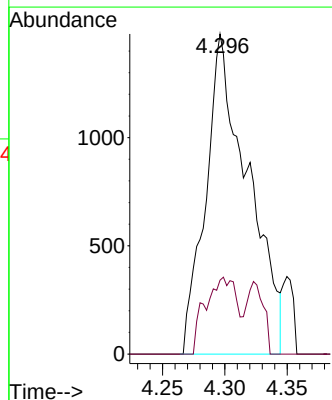
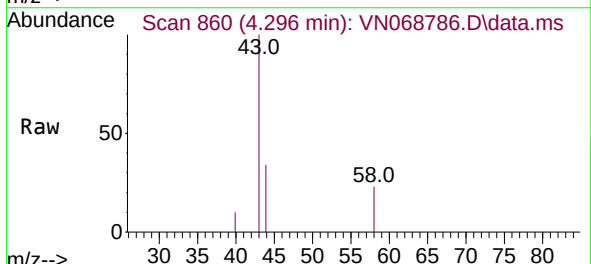
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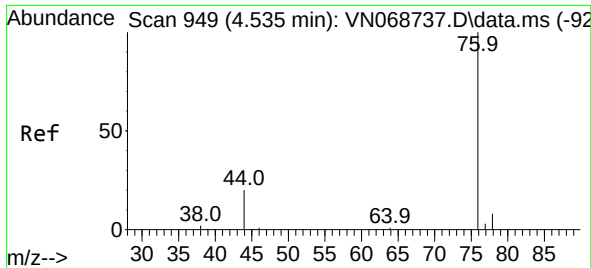
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 43 Resp: 3477
Ion Ratio Lower Upper
43 100
58 23.1 21.2 31.8

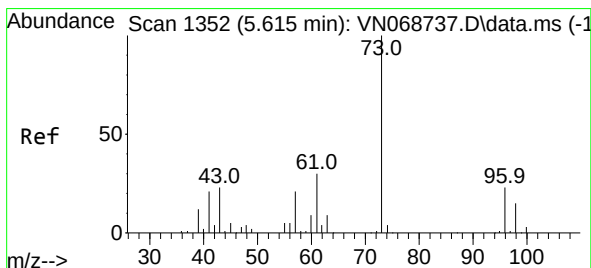
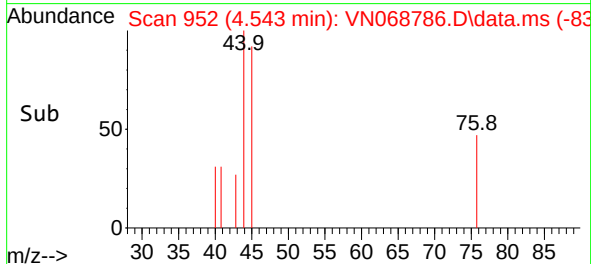
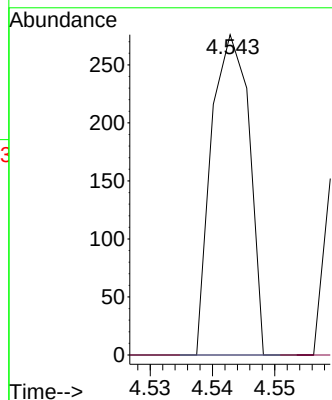
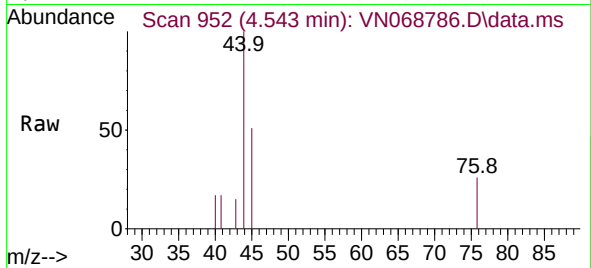




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.543 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

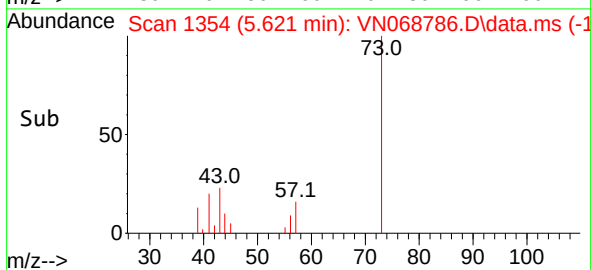
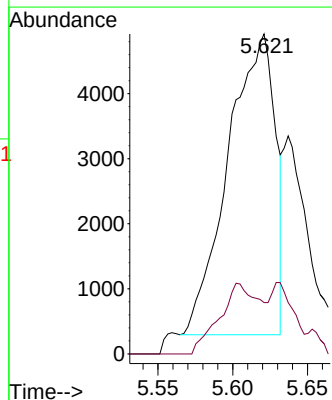
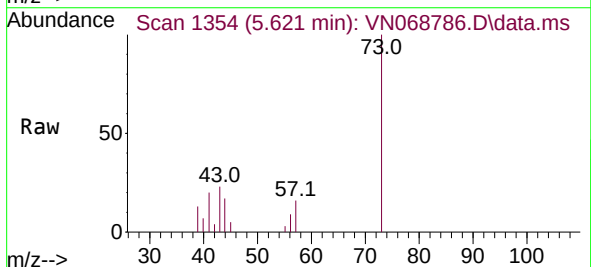
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ClientSampleId :
MW178S-20210921

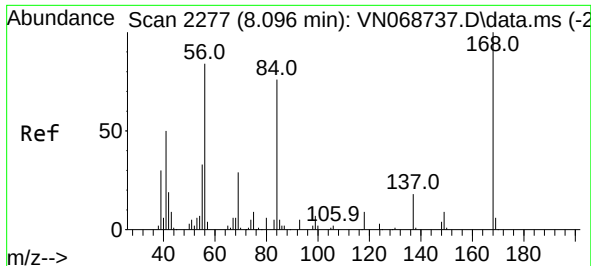
Tgt Ion: 76 Resp: 116
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#19
Methyl tert-butyl Ether
Concen: 0.546 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 73 Resp: 10115
Ion Ratio Lower Upper
73 100
57 17.0 17.0 25.6

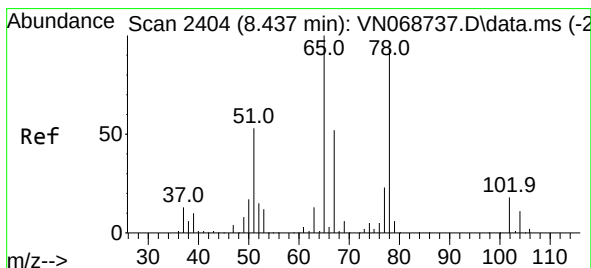
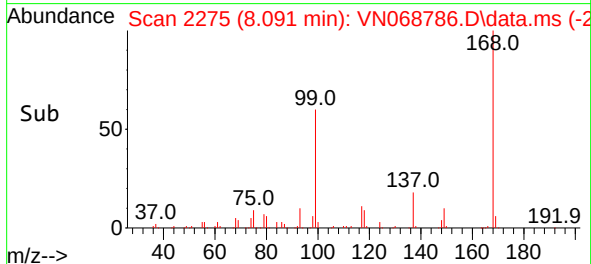
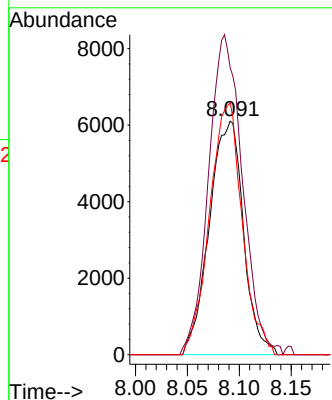
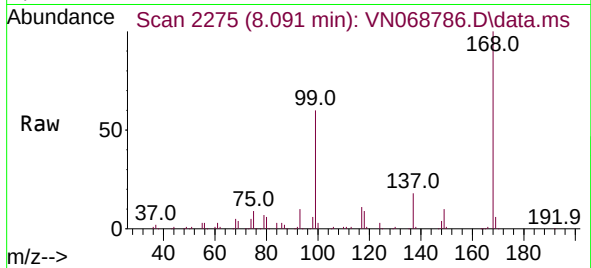




#31
Cyclohexane
Concen: Below Cal
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

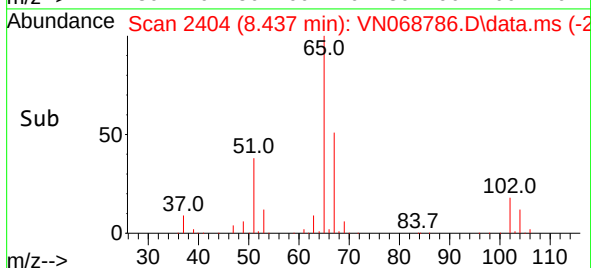
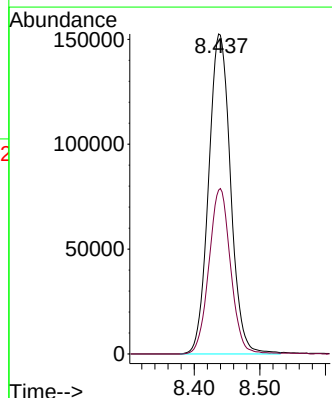
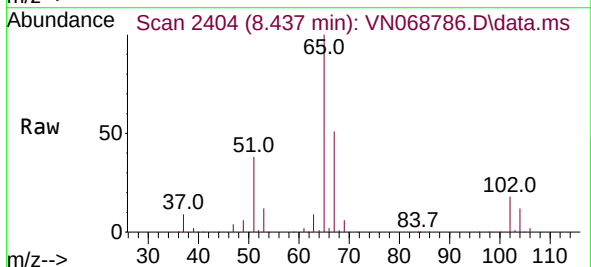
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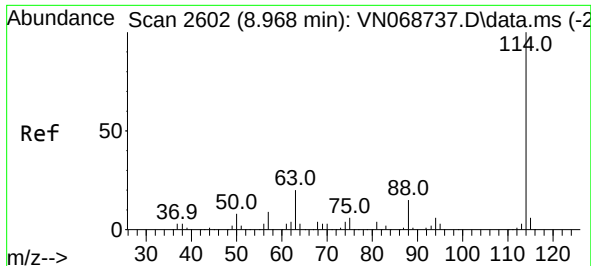
Tgt Ion: 56 Resp: 13934
Ion Ratio Lower Upper
56 100
69 123.0 27.3 40.9#
84 107.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.227 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 65 Resp: 354287
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

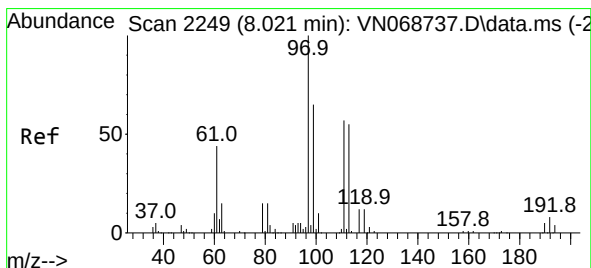
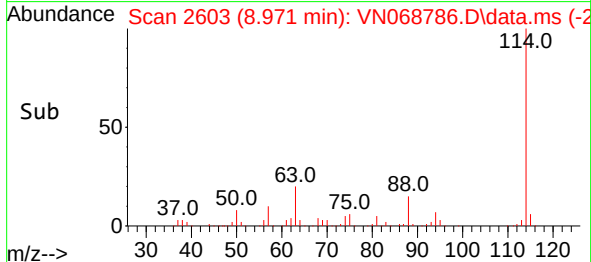
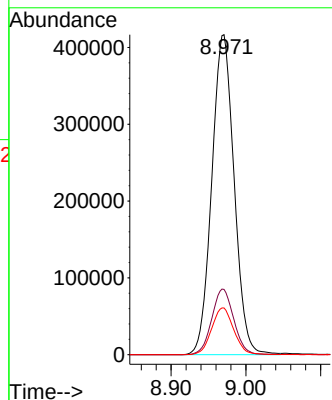
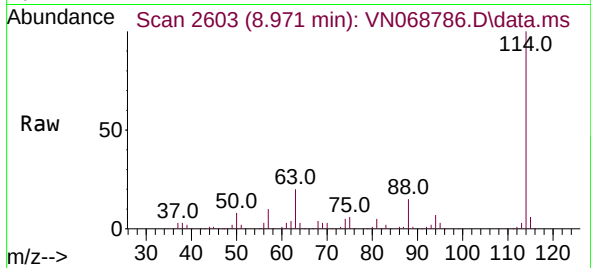




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

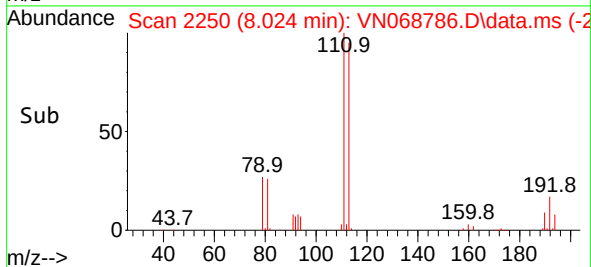
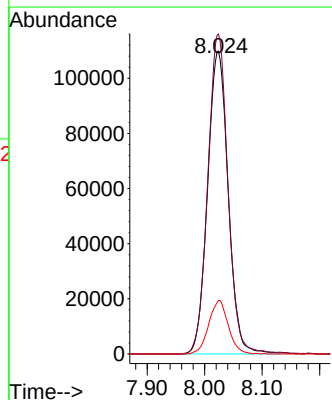
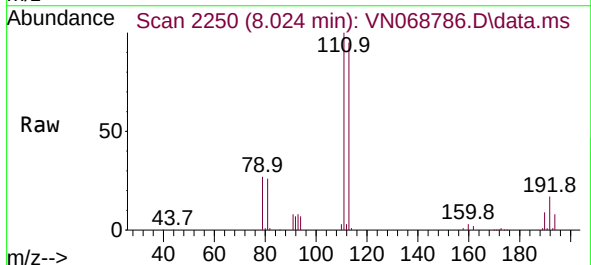
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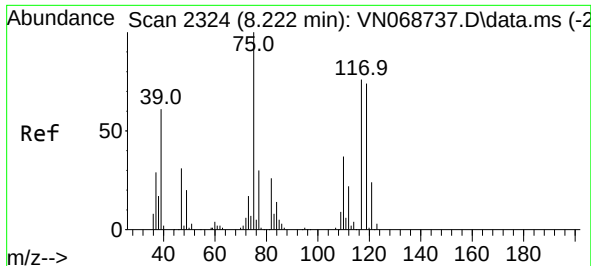
Tgt Ion:114 Resp: 864412
Ion Ratio Lower Upper
114 100
63 20.4 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.919 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion:113 Resp: 273474
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 16.8 13.4 20.0

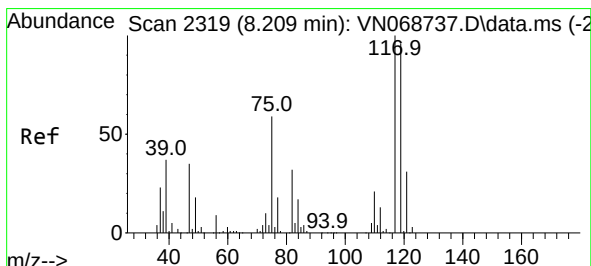
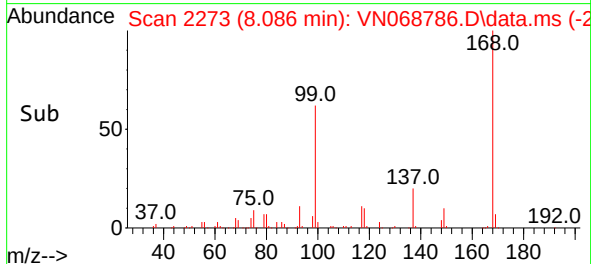
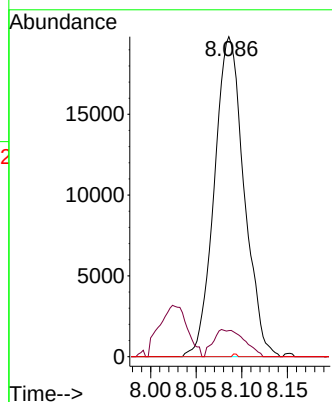
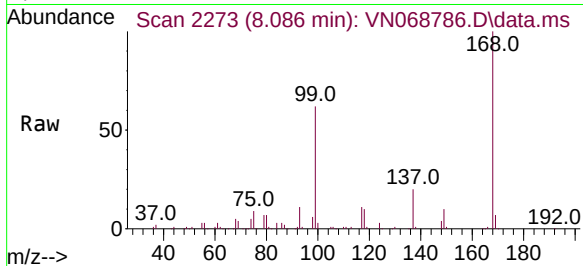




#36
 1,1-Dichloropropene
 Concen: 5.532 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.136 min
 Lab File: VN068786.D
 Acq: 1 Oct 2021 16:27

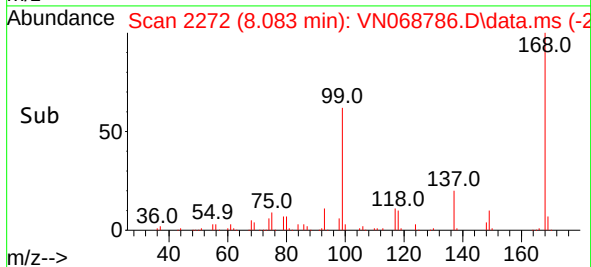
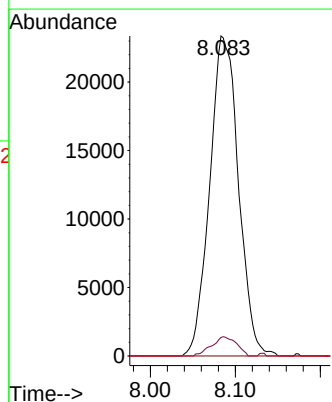
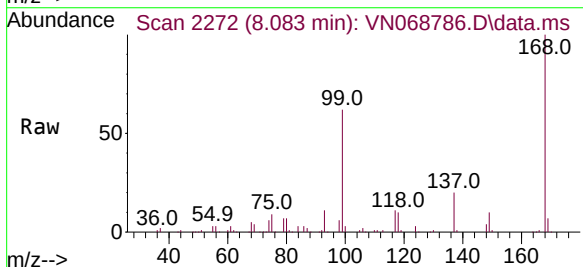
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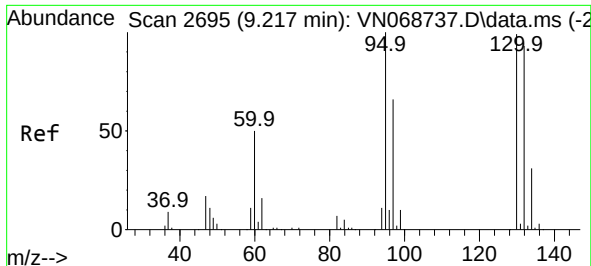
Tgt Ion: 75 Resp: 44971
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.7 47.0#
 77 0.1 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.691 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.126 min
 Lab File: VN068786.D
 Acq: 1 Oct 2021 16:27

Tgt Ion: 117 Resp: 54964
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.4 113.2#
 121 0.0 23.5 35.3#

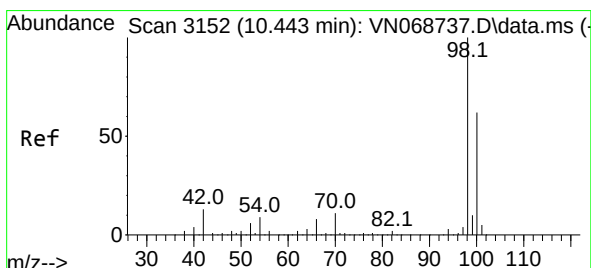
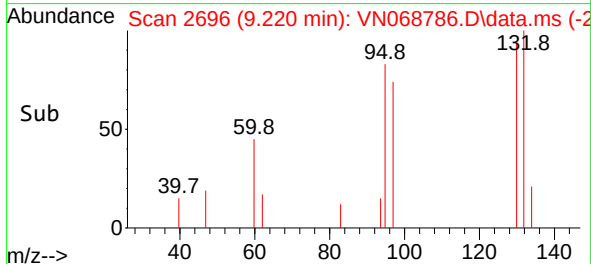
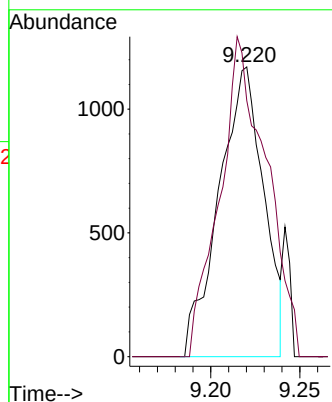
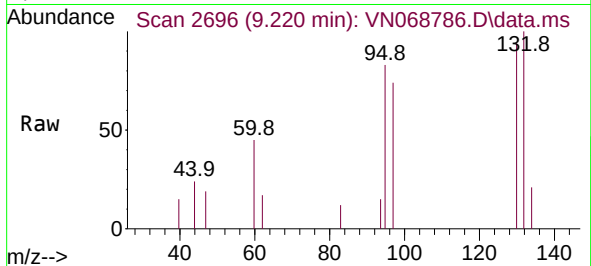




#44
Trichloroethene
Concen: 0.309 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

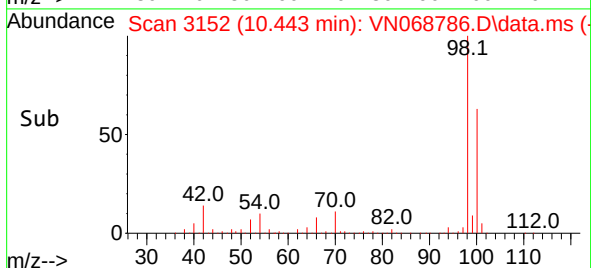
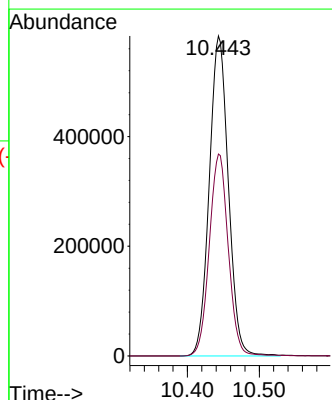
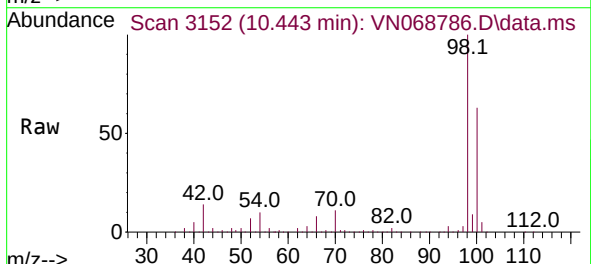
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

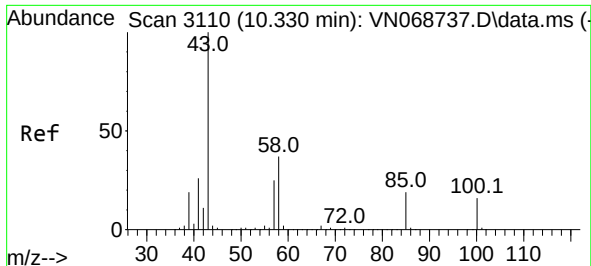
Tgt Ion:130 Resp: 2042
Ion Ratio Lower Upper
130 100
95 88.4 0.0 234.4



#50
Toluene-d8
Concen: 54.810 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 98 Resp: 1075695
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

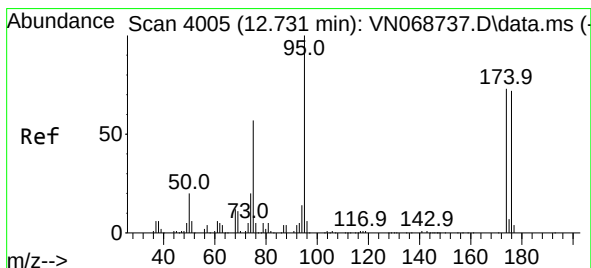
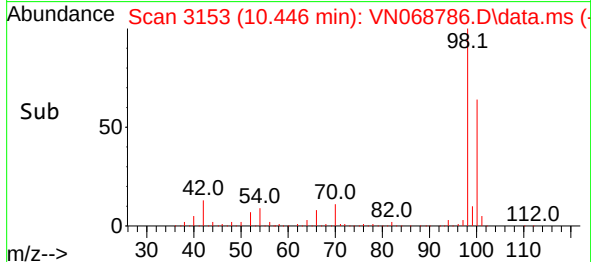
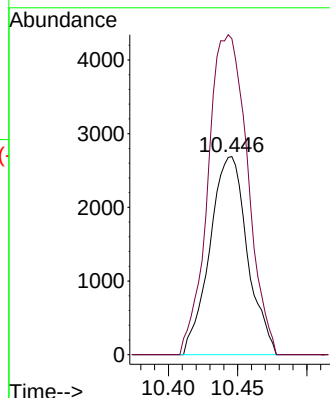
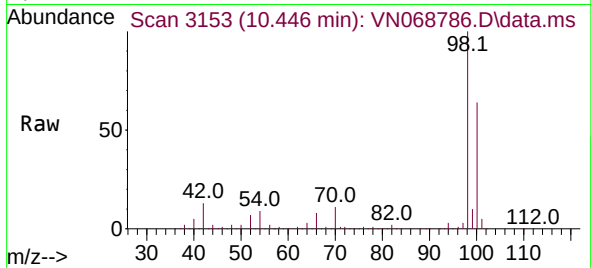




#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.116 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

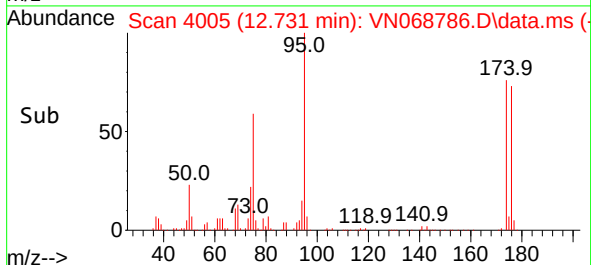
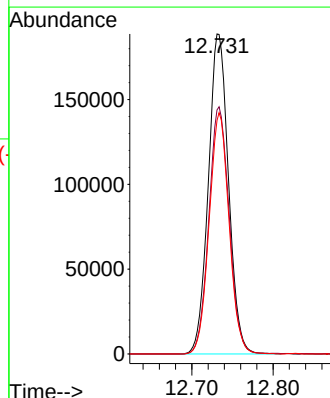
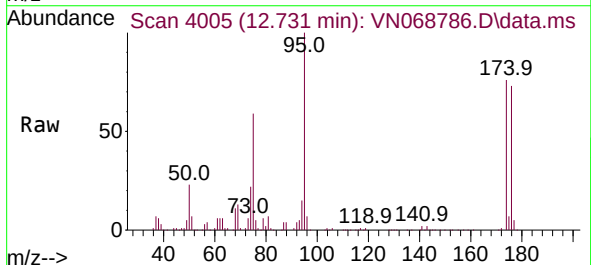
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

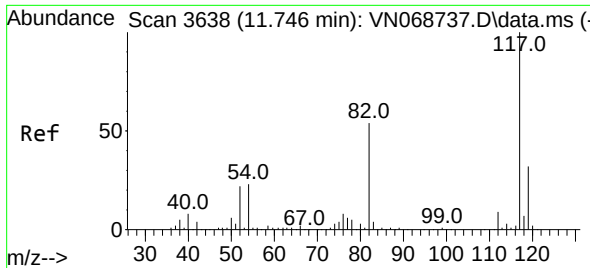
Tgt Ion: 43 Resp: 5076
Ion Ratio Lower Upper
43 100
58 170.2 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 47.646 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion: 95 Resp: 324923
Ion Ratio Lower Upper
95 100
174 78.1 0.0 122.0
176 74.4 0.0 117.6

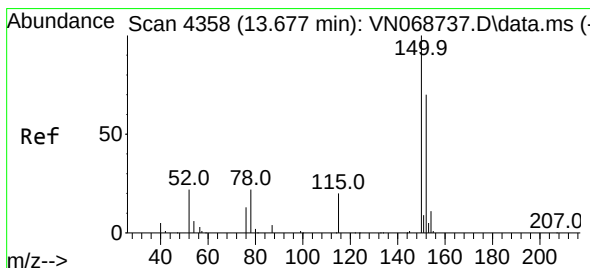
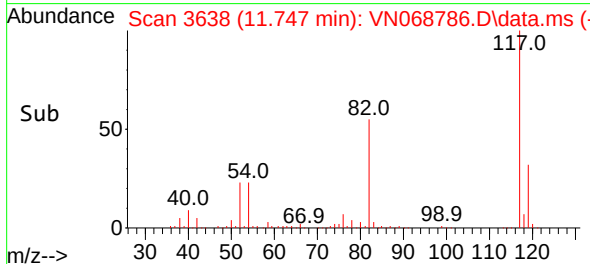
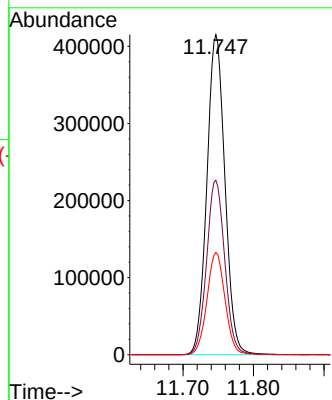
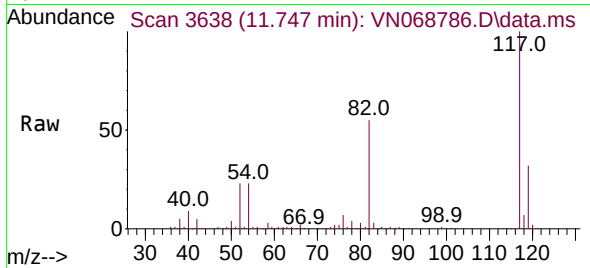




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

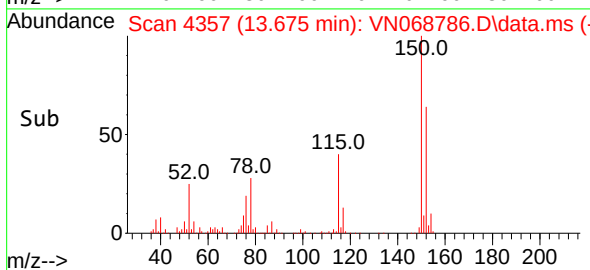
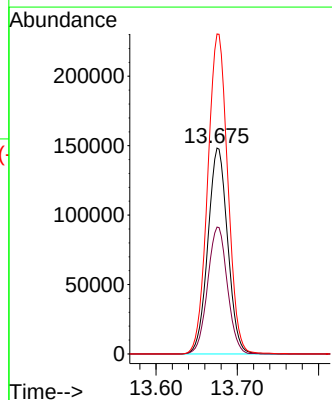
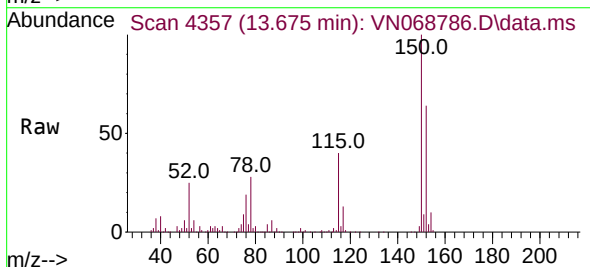
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

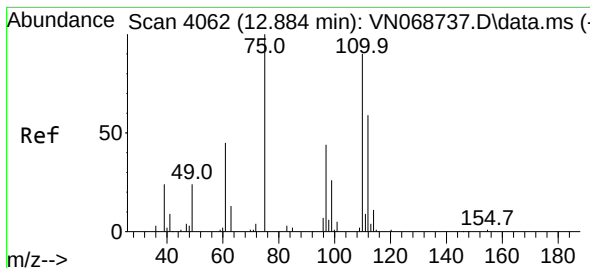
Tgt Ion:117 Resp: 738928
Ion Ratio Lower Upper
117 100
82 54.5 53.1 79.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Tgt Ion:152 Resp: 250510
Ion Ratio Lower Upper
152 100
115 61.5 36.1 108.5
150 157.6 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 34.135 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. -0.150 min

Lab File: VN068786.D

Acq: 1 Oct 2021 16:27

Tgt Ion: 75 Resp: 190166

Ion Ratio Lower Upper

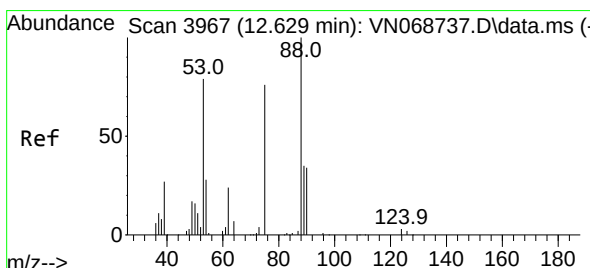
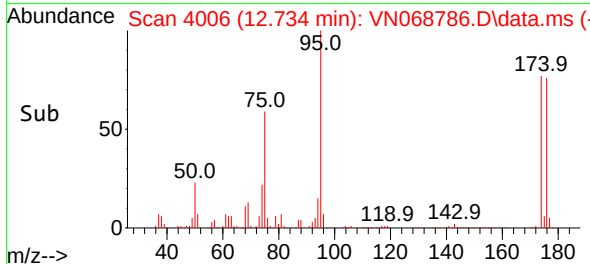
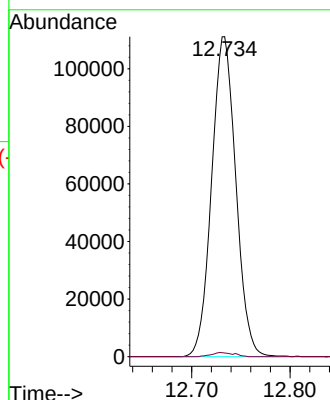
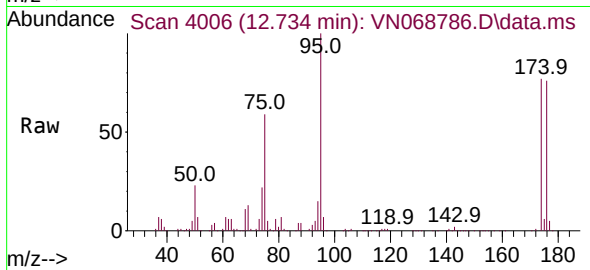
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

Instrument :

MSVOA_N

ClientSampleId :

MW178S-20210921



#81

trans-1,4-Dichloro-2-butene

Concen: 99.229 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. 0.105 min

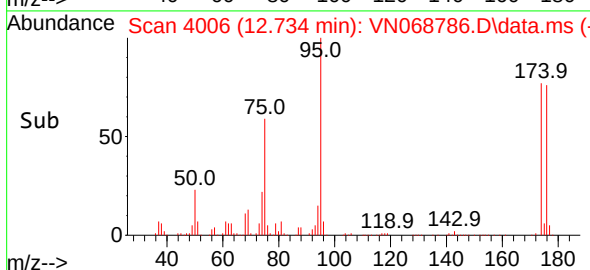
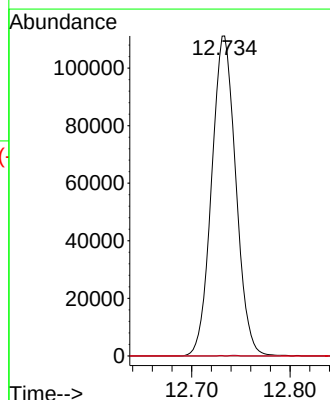
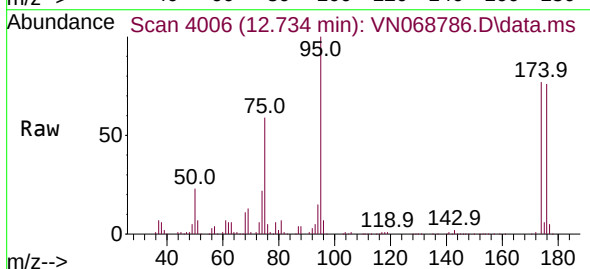
Lab File: VN068786.D

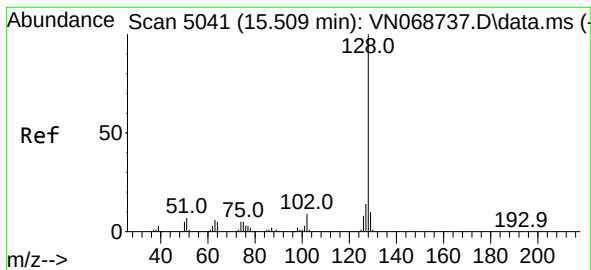
Acq: 1 Oct 2021 16:27

Tgt Ion: 75 Resp: 190166

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.6	131.4#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.491 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN068786.D
Acq: 1 Oct 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
MW178S-20210921

Tgt Ion:128 Resp: 539
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

