

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068676.D
 Acq On : 25 Sep 2021 18:50
 Operator : JC/MD
 Sample : M3872-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-LPA-01

Quant Time: Sep 27 04:47:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

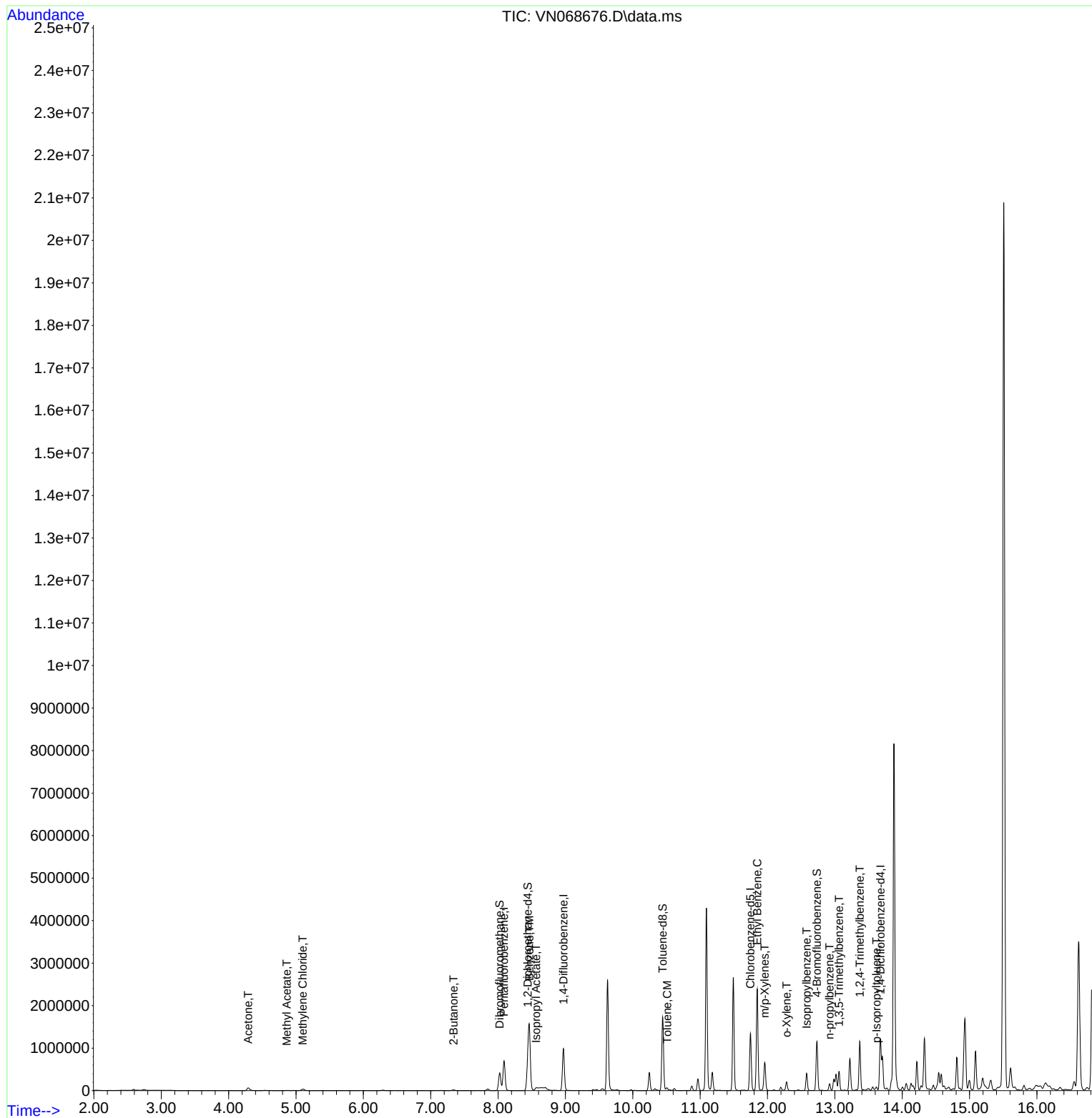
Internal Standards						
1) Pentafluorobenzene	8.088	168	503982	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	831790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	747851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	315111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	410918	52.307	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.620%	
35) Dibromofluoromethane	8.024	113	297825	53.548	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.100%	
50) Toluene-d8	10.443	98	1185755	50.265	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.733	95	384285	47.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	127370	34.757	ug/l	96
18) Methyl Acetate	4.865	43	12741	1.101	ug/l	# 70
20) Methylene Chloride	5.098	84	27378	2.712	ug/l	89
25) 2-Butanone	7.340	43	31457	6.558	ug/l	98
40) Benzene	8.464	78	1407213	57.079	ug/l	100
43) Isopropyl Acetate	8.563	43	78133	4.789	ug/l	# 81
52) Toluene	10.510	92	25992	1.664	ug/l	100
67) Ethyl Benzene	11.848	91	1717180	59.657	ug/l	96
68) m/p-Xylenes	11.958	106	200208	18.950	ug/l	87
69) o-Xylene	12.283	106	52049	5.015	ug/l	87
73) Isopropylbenzene	12.581	105	248673	8.801	ug/l	97
78) n-propylbenzene	12.921	91	121513	3.787	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	239302	10.785	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	625434	28.913	ug/l	93
86) p-Isopropyltoluene	13.618	119	31255	1.424	ug/l	# 70

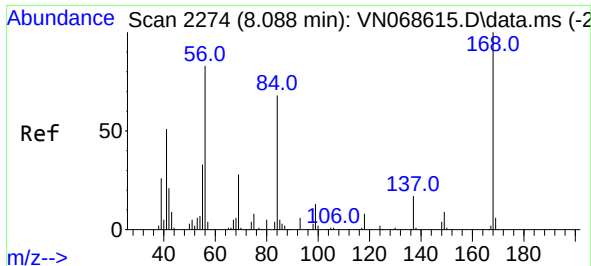
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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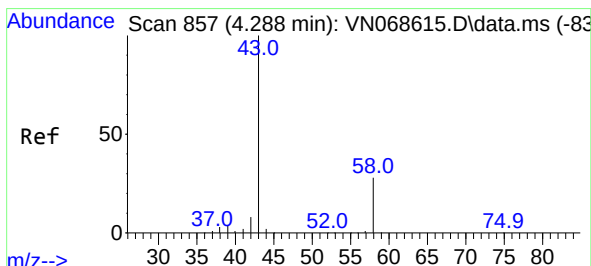
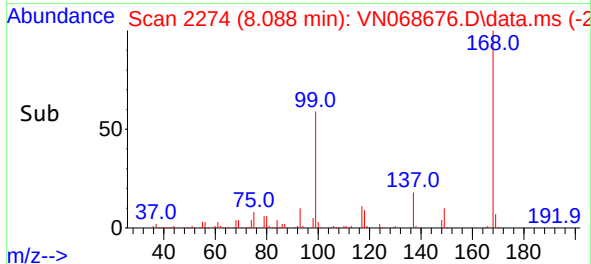
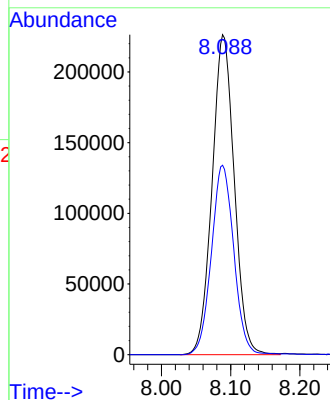
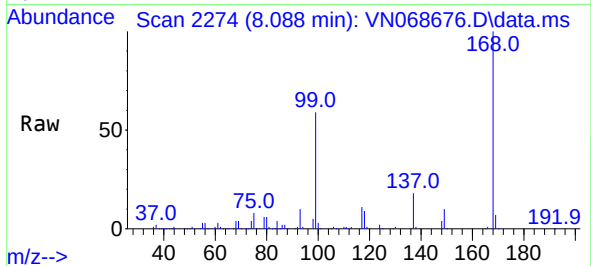




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

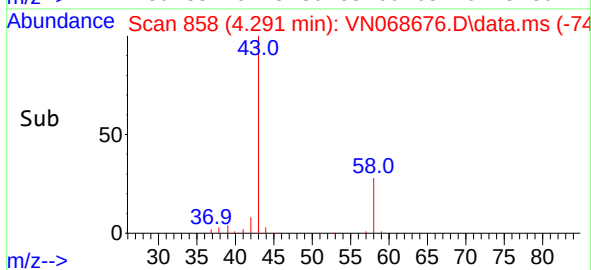
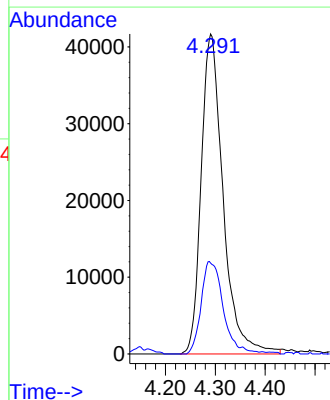
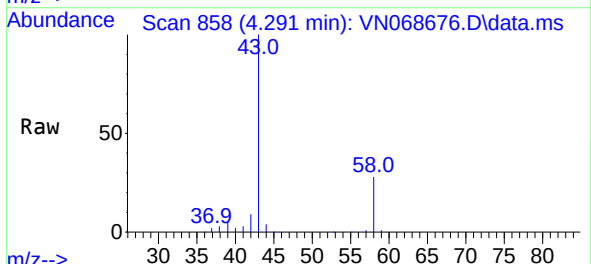
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

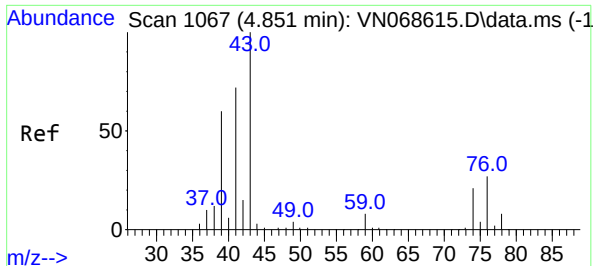
Tgt Ion:168 Resp: 503982
Ion Ratio Lower Upper
168 100
99 59.2 62.9 94.3#



#16
Acetone
Concen: 34.757 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 43 Resp: 127370
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8





#18

Methyl Acetate

Concen: 1.101 ug/l

RT: 4.865 min Scan# 1072

Delta R.T. 0.014 min

Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

Tgt Ion: 43 Resp: 12741

Ion Ratio Lower Upper

43 100

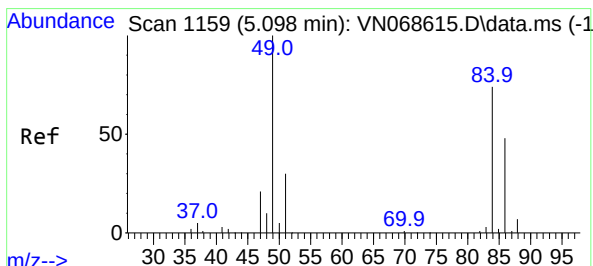
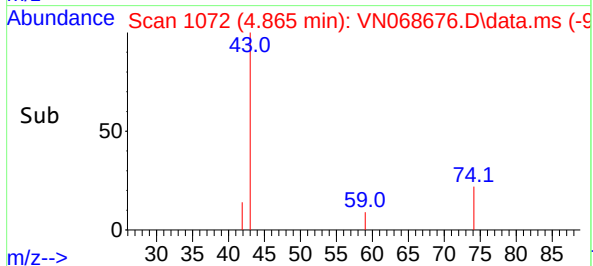
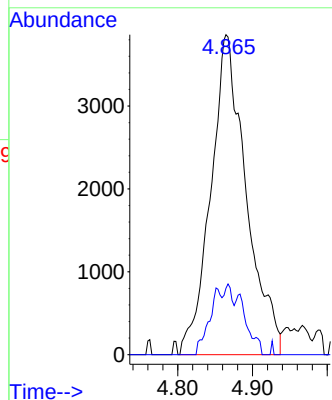
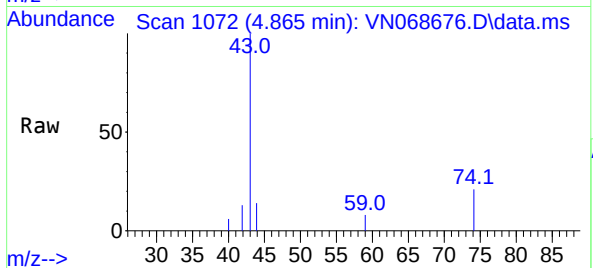
74 7.6 17.4 26.0#

Instrument :

MSVOA_N

ClientSampled :

SP-LPA-01



#20

Methylene Chloride

Concen: 2.712 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. -0.000 min

Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

Tgt Ion: 84 Resp: 27378

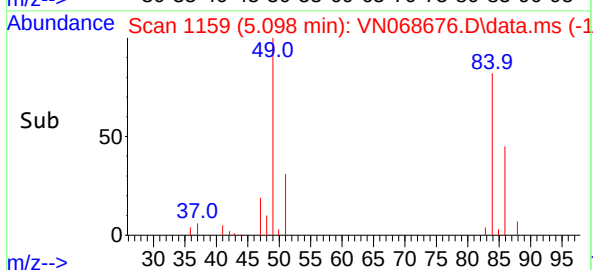
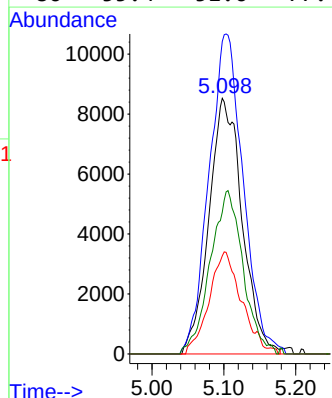
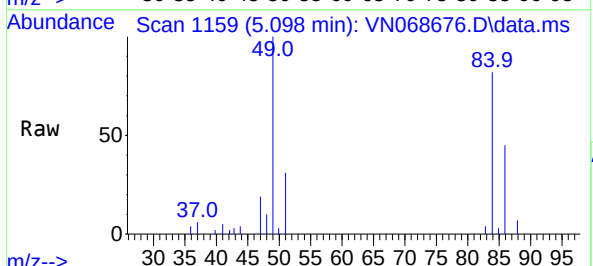
Ion Ratio Lower Upper

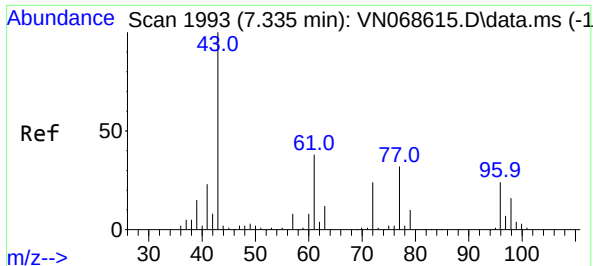
84 100

49 122.2 110.9 166.3

51 38.3 32.6 49.0

86 55.4 51.6 77.4

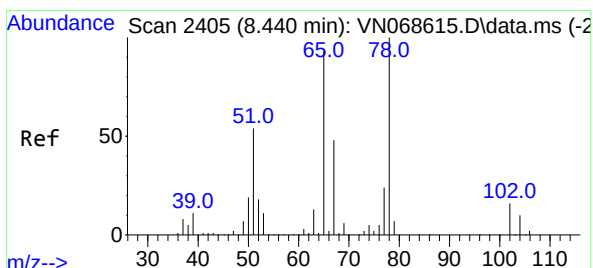
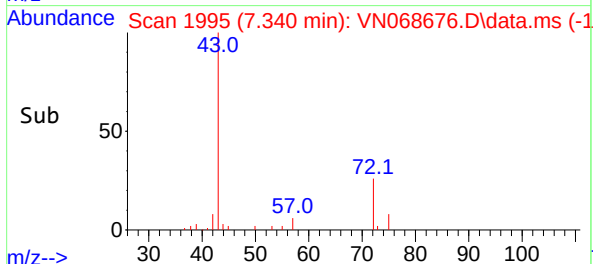
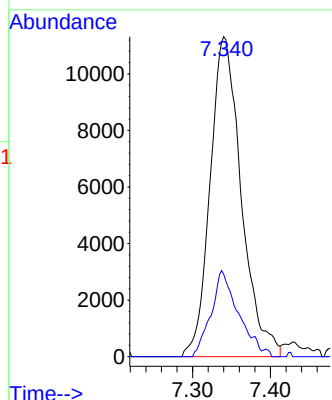
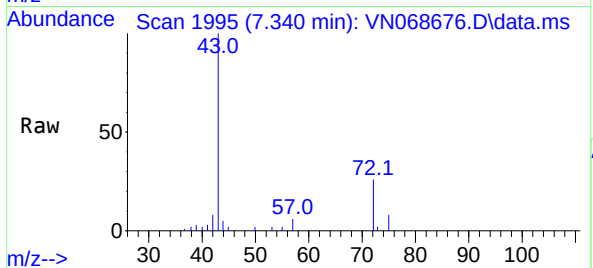




#25
2-Butanone
Concen: 6.558 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

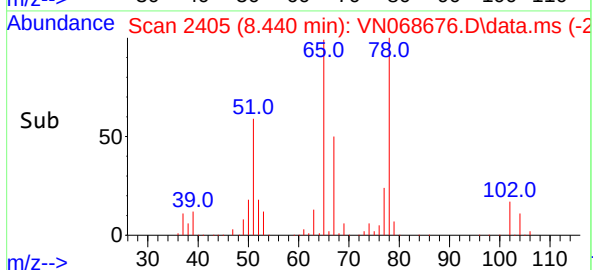
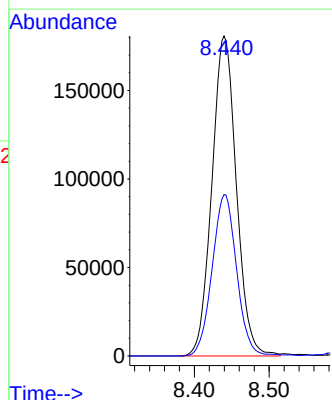
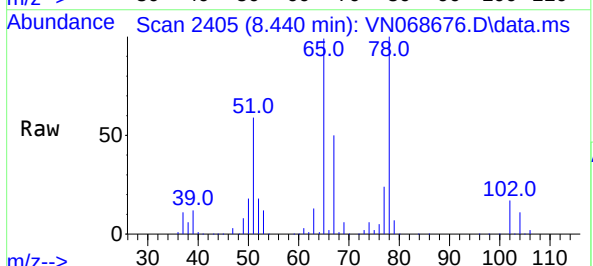
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

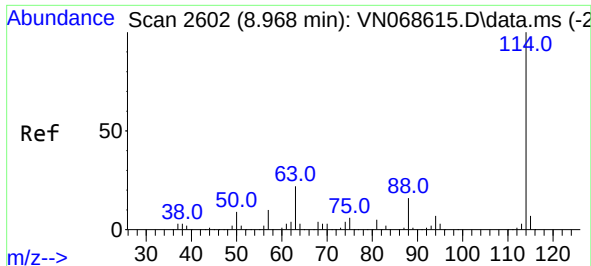
Tgt Ion: 43 Resp: 31457
Ion Ratio Lower Upper
43 100
72 25.8 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 52.307 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 65 Resp: 410918
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6

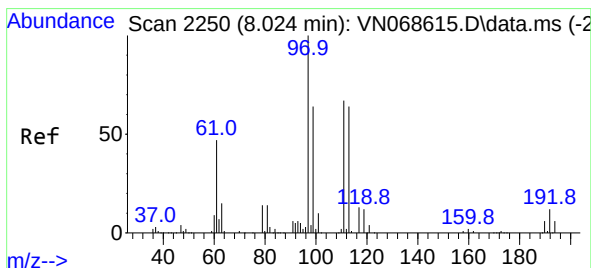
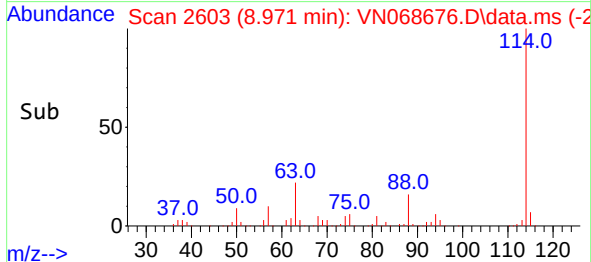
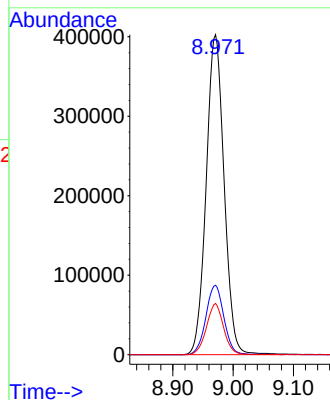
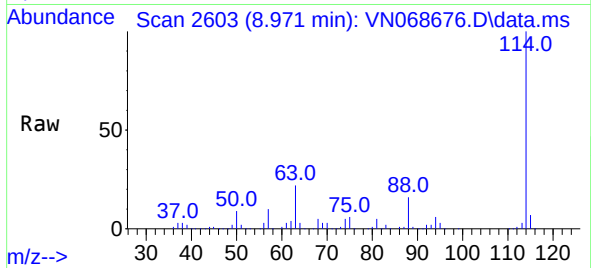




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

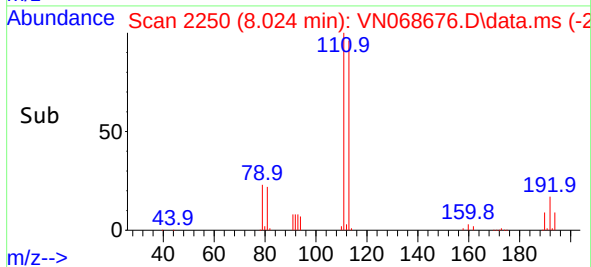
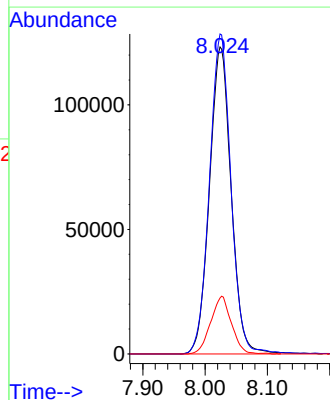
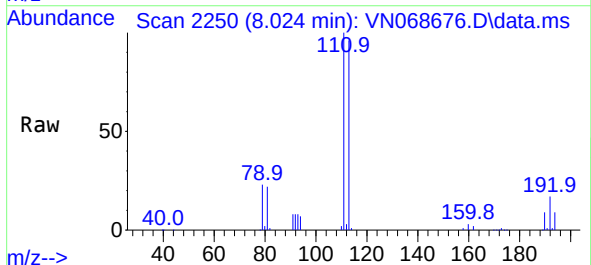
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

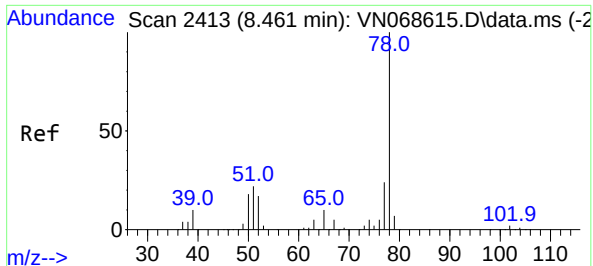
Tgt Ion:114 Resp: 831790
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.548 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion:113 Resp: 297825
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 18.0 13.4 20.0

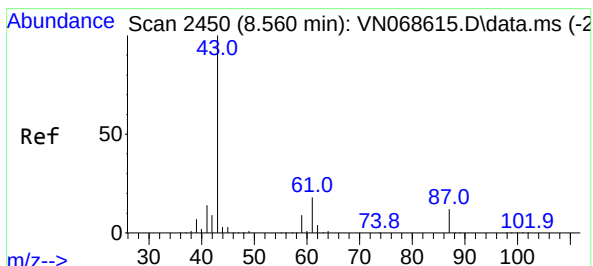
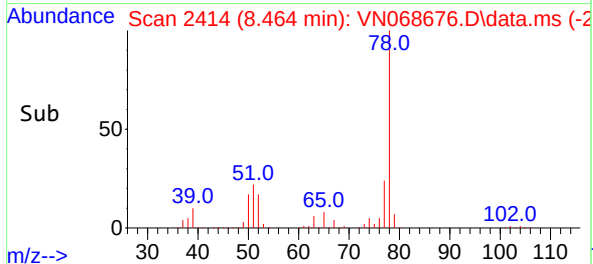
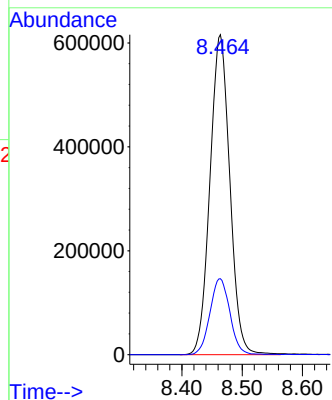
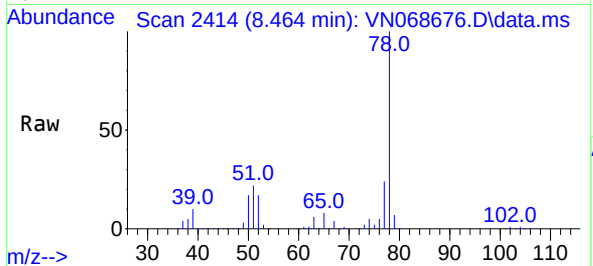




#40
Benzene
Concen: 57.079 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

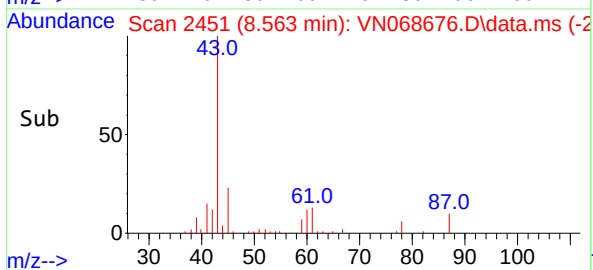
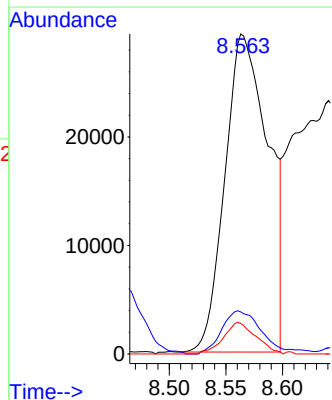
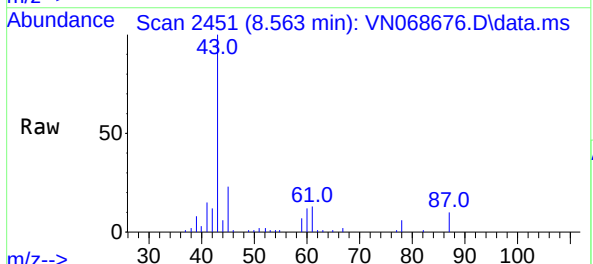
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

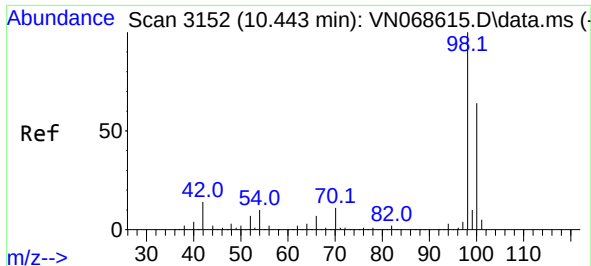
Tgt Ion: 78 Resp: 1407213
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3



#43
Isopropyl Acetate
Concen: 4.789 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 43 Resp: 78133
Ion Ratio Lower Upper
43 100
61 12.7 19.0 28.4#
87 7.4 9.5 14.3#

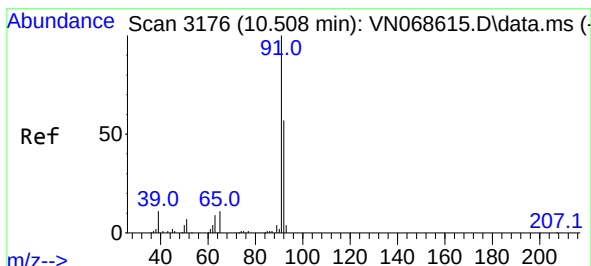
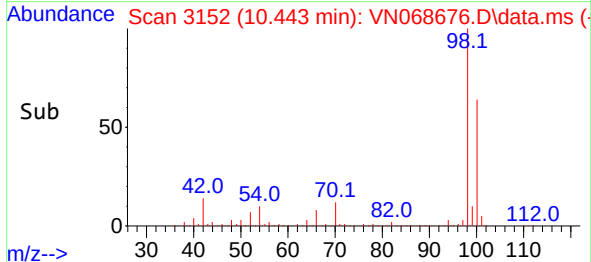
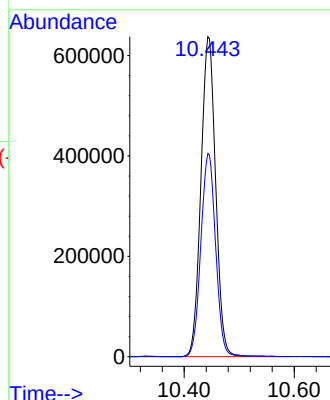
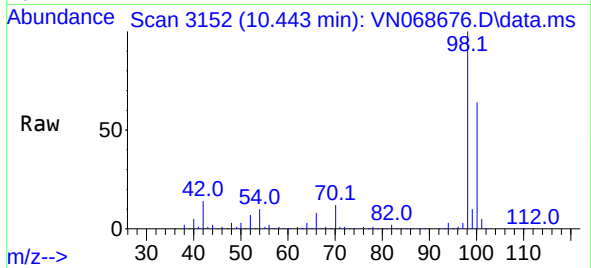




#50
Toluene-d8
Concen: 50.265 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

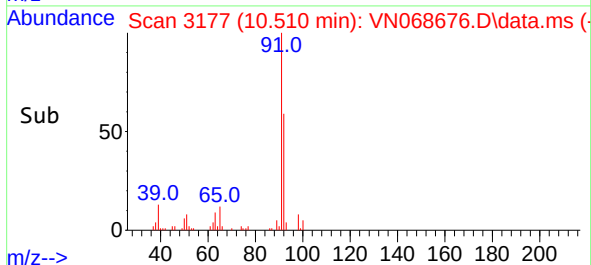
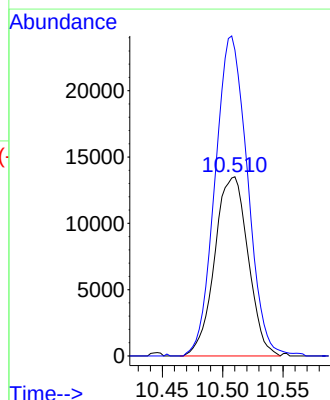
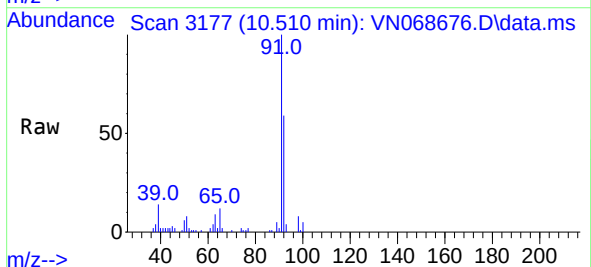
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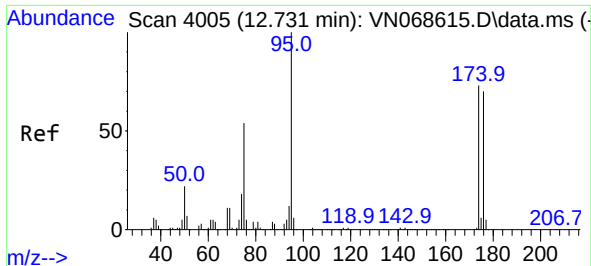
Tgt Ion: 98 Resp: 1185755
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#52
Toluene
Concen: 1.664 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 92 Resp: 25992
Ion Ratio Lower Upper
92 100
91 173.9 139.6 209.4

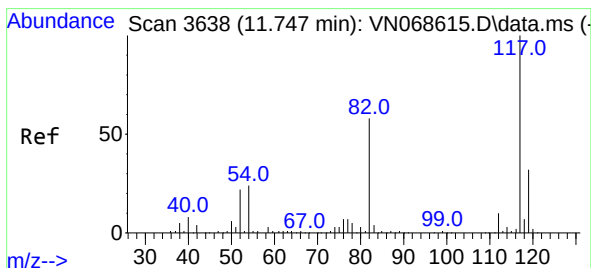
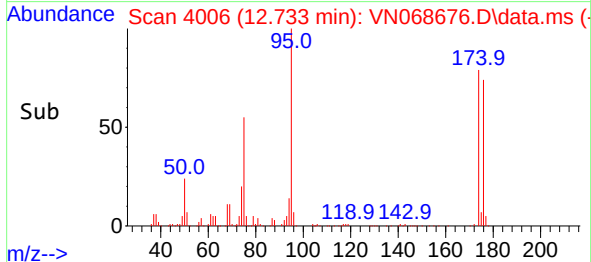
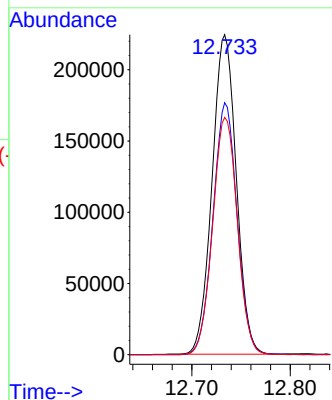
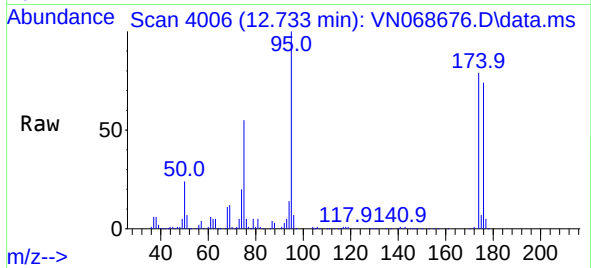




#62
4-Bromofluorobenzene
Concen: 47.631 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

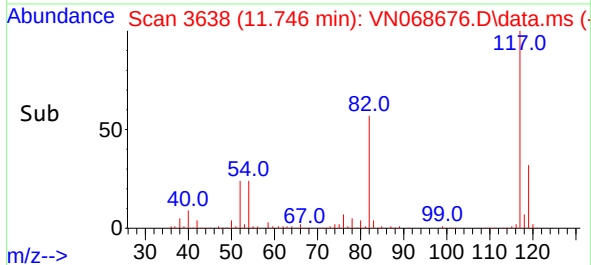
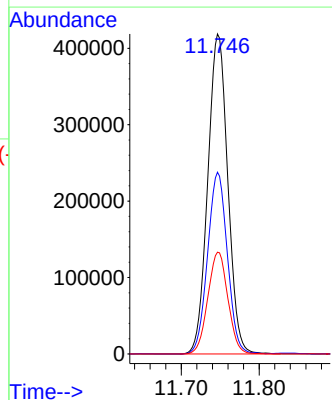
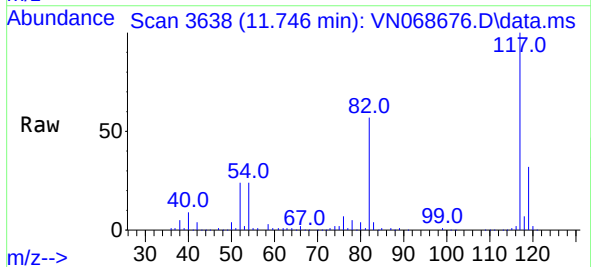
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

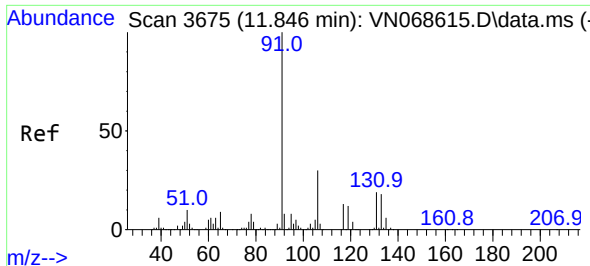
Tgt Ion: 95 Resp: 384285
Ion Ratio Lower Upper
95 100
174 78.7 0.0 122.0
176 75.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 117 Resp: 747851
Ion Ratio Lower Upper
117 100
82 56.8 53.1 79.7
119 31.8 25.5 38.3

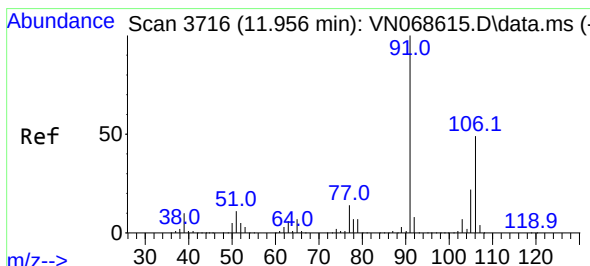
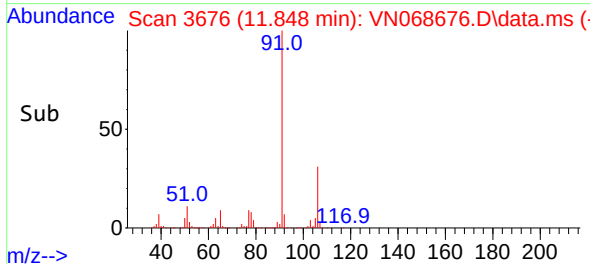
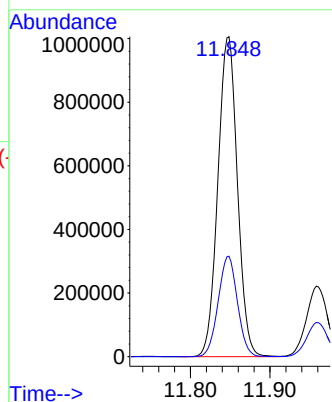
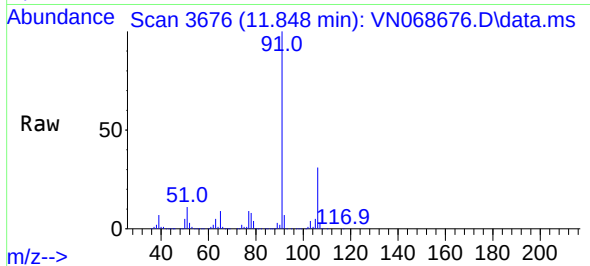




#67
Ethyl Benzene
Concen: 59.657 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

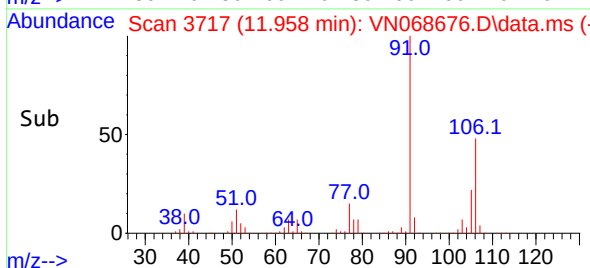
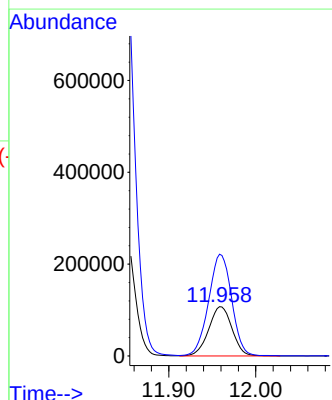
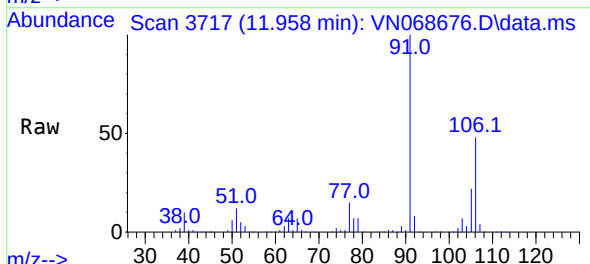
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

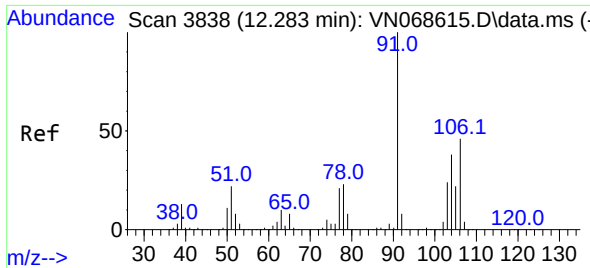
Tgt Ion: 91 Resp: 1717180
Ion Ratio Lower Upper
91 100
106 31.4 23.4 35.0



#68
m/p-Xylenes
Concen: 18.950 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 106 Resp: 200208
Ion Ratio Lower Upper
106 100
91 203.9 180.6 270.8

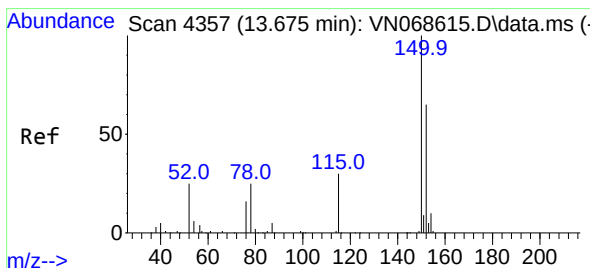
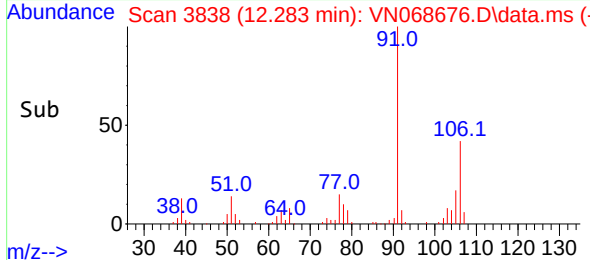
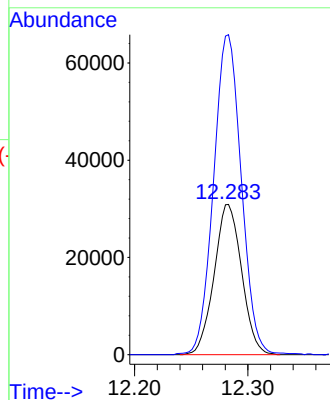
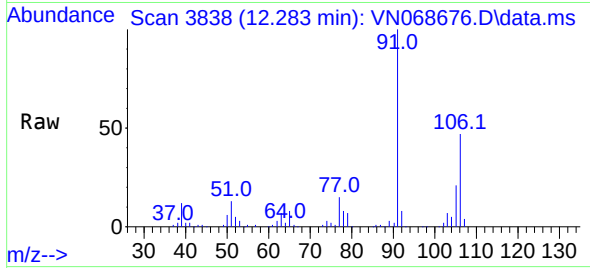




#69
o-Xylene
Concen: 5.015 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

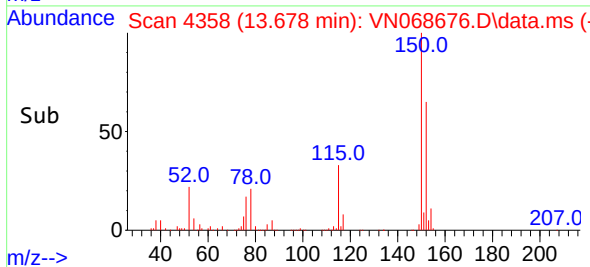
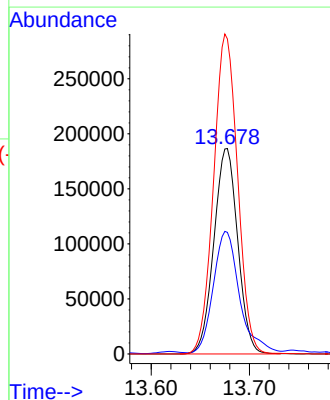
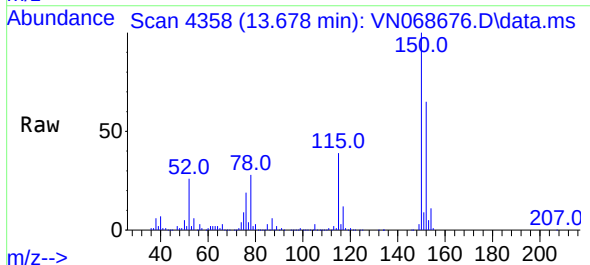
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

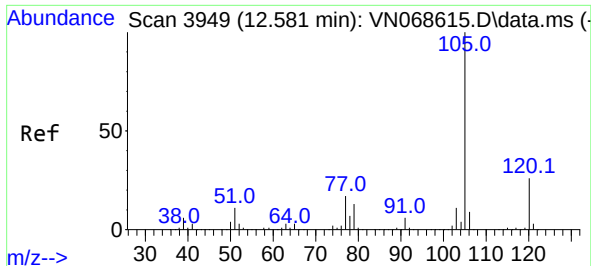
Tgt Ion:106 Resp: 52049
Ion Ratio Lower Upper
106 100
91 215.1 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion:152 Resp: 315111
Ion Ratio Lower Upper
152 100
115 64.5 36.1 108.5
150 156.6 0.0 351.8

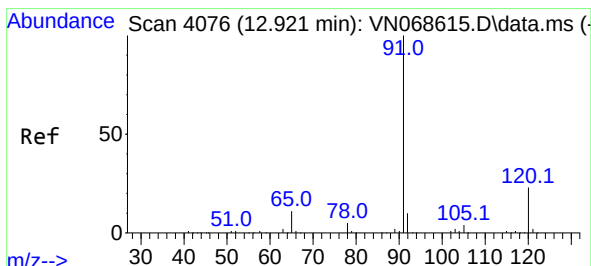
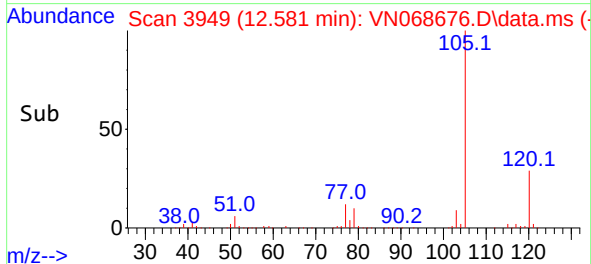
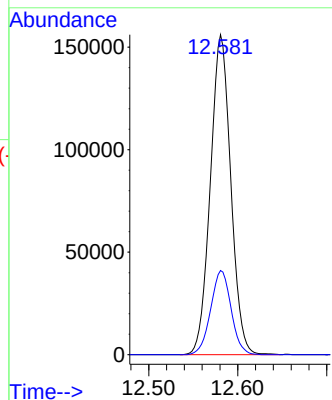
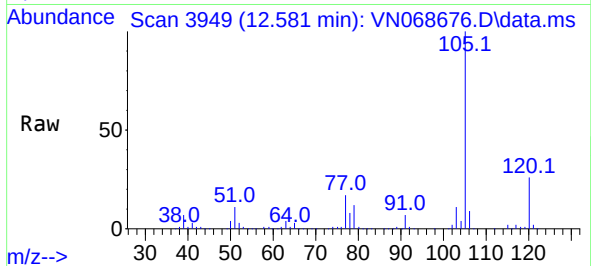




#73
Isopropylbenzene
Concen: 8.801 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

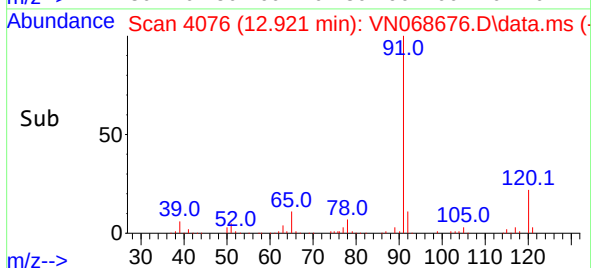
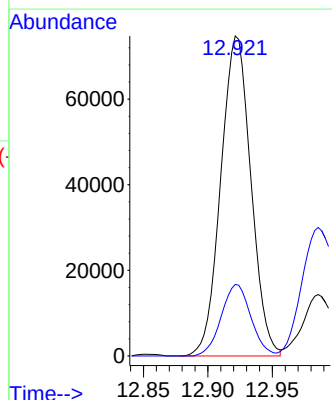
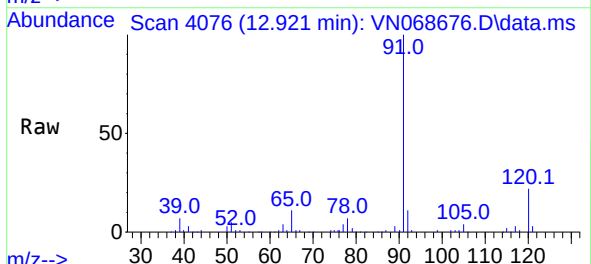
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

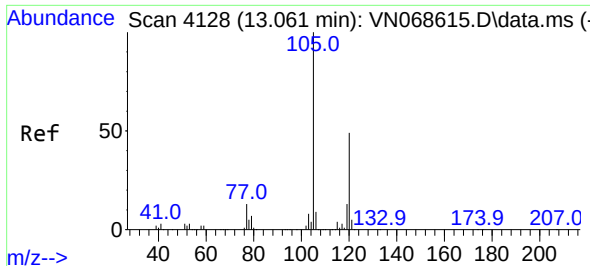
Tgt Ion:105 Resp: 248673
Ion Ratio Lower Upper
105 100
120 26.3 12.5 37.5



#78
n-propylbenzene
Concen: 3.787 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 91 Resp: 121513
Ion Ratio Lower Upper
91 100
120 22.0 10.4 31.4

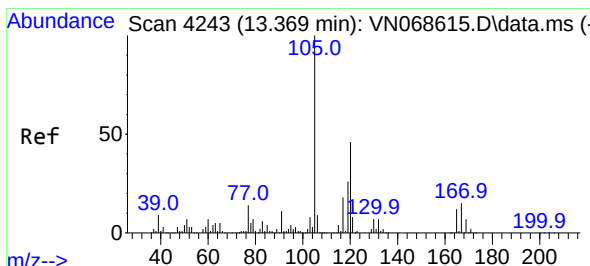
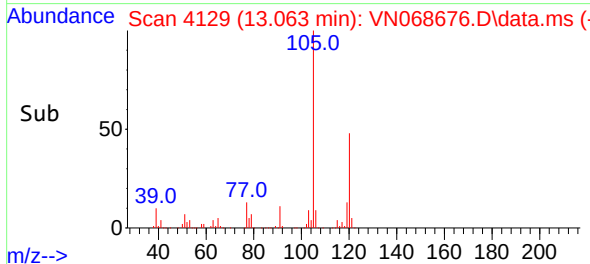
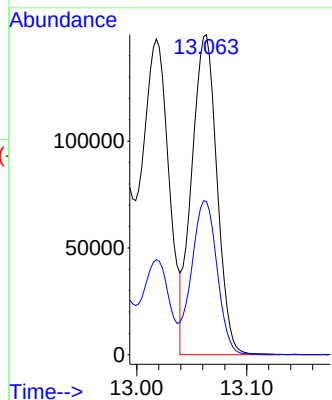
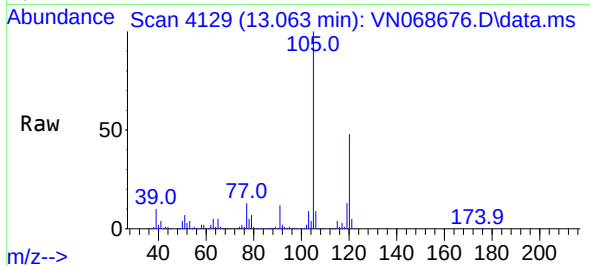




#80
1,3,5-Trimethylbenzene
Concen: 10.785 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

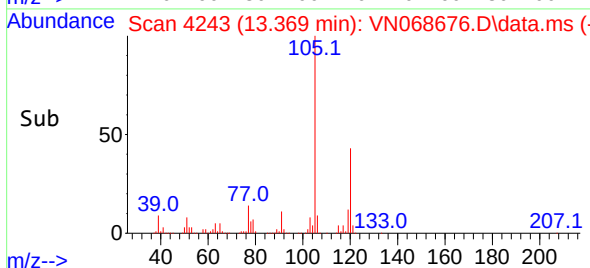
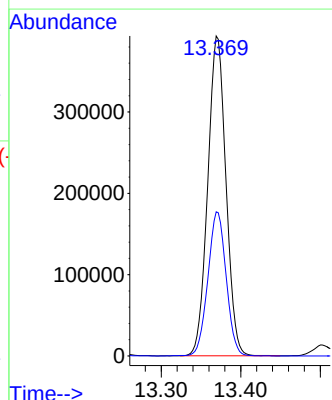
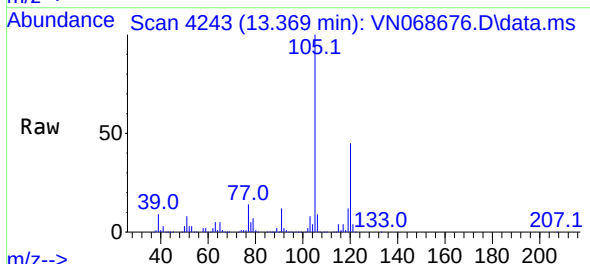
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

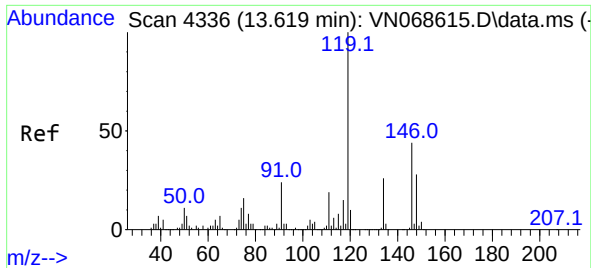
Tgt Ion:105 Resp: 239302
Ion Ratio Lower Upper
105 100
120 48.2 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 28.913 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion:105 Resp: 625434
Ion Ratio Lower Upper
105 100
120 45.3 20.6 61.8





#86
 p-Isopropyltoluene
 Concen: 1.424 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.001 min
 Lab File: VN068676.D
 Acq: 25 Sep 2021 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-LPA-01

Tgt Ion:119 Resp: 31255
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.4 37.4
 91 0.0 14.8 44.3#

