

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		
5) Bromomethane	2.856	94	200	Below Cal	#	4
6) Chloroethane	3.025	64	360	Below Cal	#	44
11) Tert butyl alcohol	5.377	59	661	0.546	ug/l	# 71
13) Acrolein	4.041	56	496	8.094	ug/l	# 14
16) Acetone	4.291	43	127370	34.757	ug/l	96
17) Carbon Disulfide	4.540	76	14206	0.940	ug/l	100
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
29) Tetrahydrofuran	7.694	42	1278	0.419	ug/l	# 61
31) Cyclohexane	8.091	56	18028	1.633	ug/l	# 42
36) 1,1-Dichloropropene	8.088	75	42046	5.005	ug/l	# 52
37) Ethyl Acetate	7.340	43	31457	3.298	ug/l	# 69
38) Carbon Tetrachloride	8.091	117	53375	6.151	ug/l	# 17
39) Methylcyclohexane	9.467	83	7952	0.808	ug/l	89
40) Benzene	8.464	78	1407213	57.079	ug/l	100
42) 1,2-Dichloroethane	8.466	62	14467	1.508	ug/l	# 79
43) Isopropyl Acetate	8.563	43	78133	4.789	ug/l	# 81
45) 1,2-Dichloropropane	9.625	63	2811	0.433	ug/l	# 44
48) Methyl methacrylate	9.545	41	11778	1.581	ug/l	# 12
49) 1,4-Dioxane	9.628	88	154	1.417	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.330	43	17061	1.729	ug/l	93
52) Toluene	10.510	92	25992	1.664	ug/l	100
54) cis-1,3-Dichloropropene	10.245	75	68912	6.718	ug/l	# 65
56) Ethyl methacrylate	10.792	69	486	0.750	ug/l	# 19
57) 1,3-Dichloropropane	11.092	76	41864	3.959	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	9.979	63	109	12.055	ug/l	# 50
59) 2-Hexanone	11.092	43	692439	97.591	ug/l	# 53
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
70) Styrene	12.286	104	7604	0.455	ug/l	# 1
73) Isopropylbenzene	12.581	105	248673	8.801	ug/l	97
76) 1,2,3-Trichloropropane	12.733	75	216681	27.810	ug/l	# 100
78) n-propylbenzene	12.921	91	121513	3.787	ug/l	98
79) 2-Chlorotoluene	13.018	91	27887	1.439	ug/l	# 46

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

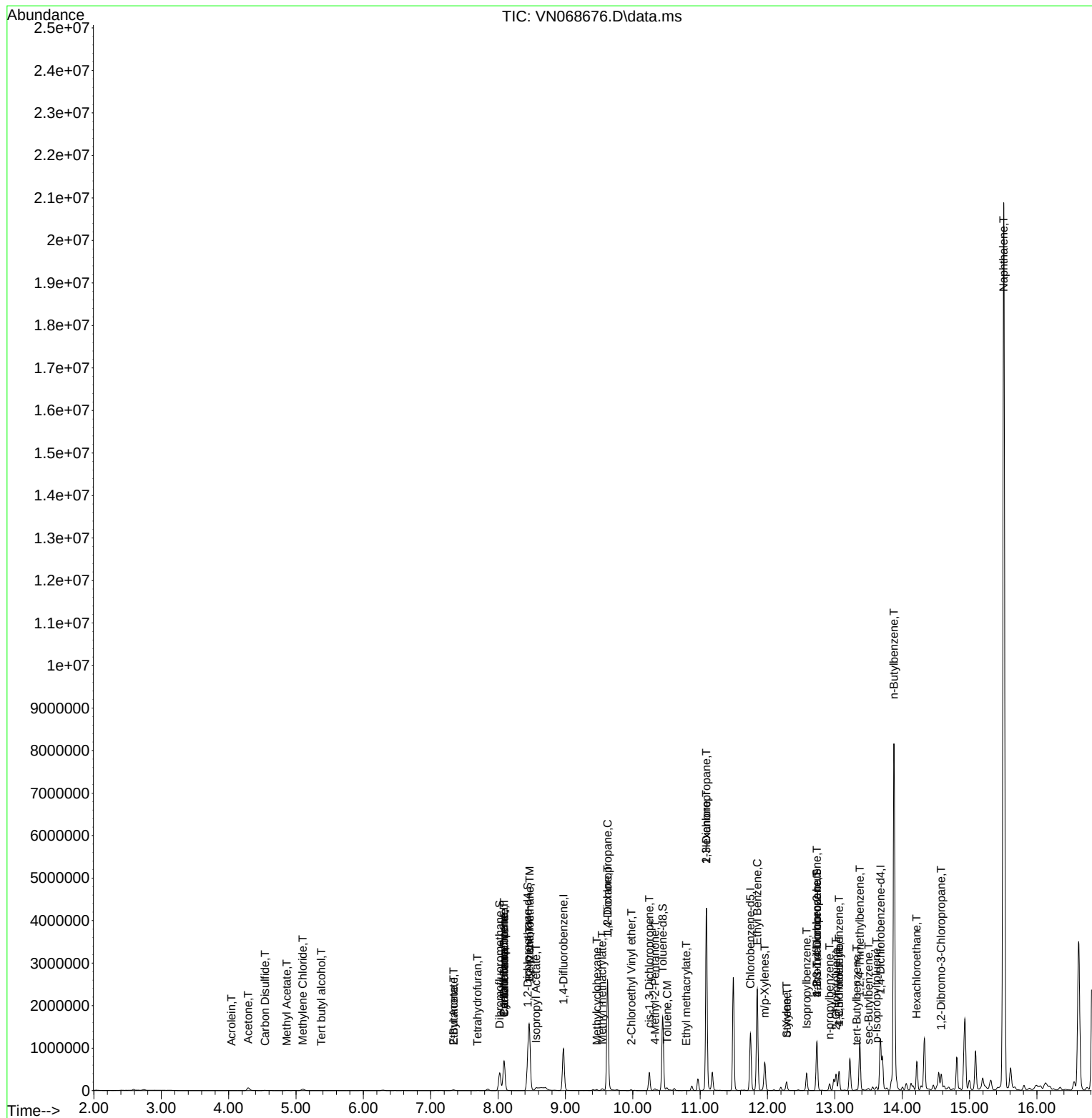
80) 1,3,5-Trimethylbenzene	13.063	105	239302	10.785	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.733	75	216681	78.557	ug/l #	6
82) 4-Chlorotoluene	13.063	91	27308	1.450	ug/l #	45
83) tert-Butylbenzene	13.323	119	7628	0.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	625434	28.913	ug/l	93
85) sec-Butylbenzene	13.500	105	21672	0.790	ug/l	95
86) p-Isopropyltoluene	13.618	119	31255	1.424	ug/l #	70
89) n-Butylbenzene	13.876	91	768664	40.353	ug/l #	44
90) Hexachloroethane	14.214	117	39498	9.120	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.576	75	1055	0.643	ug/l #	16
95) Naphthalene	15.504	128	16975165	1084.629	ug/l	97

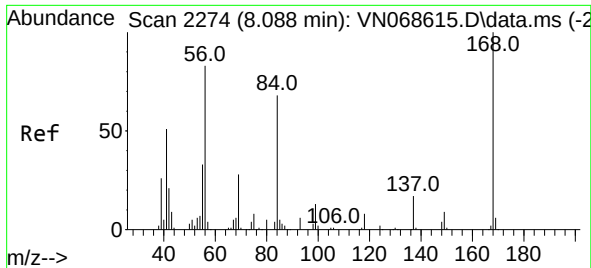
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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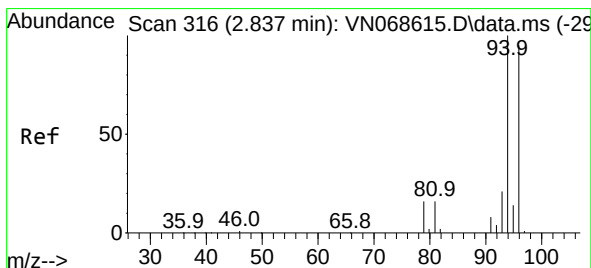
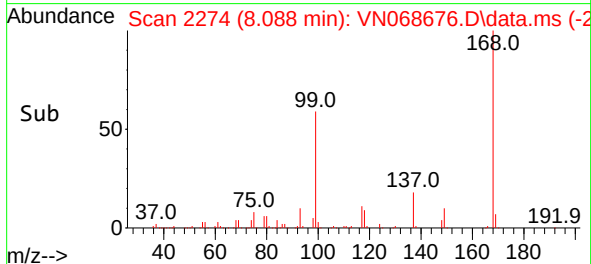
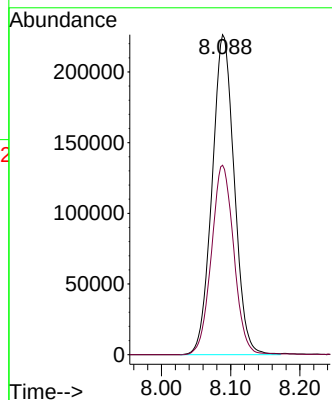
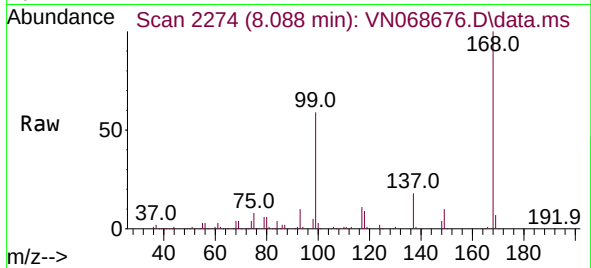




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

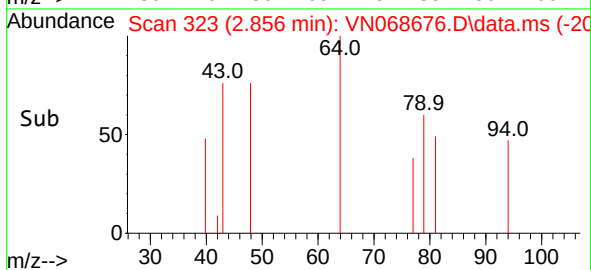
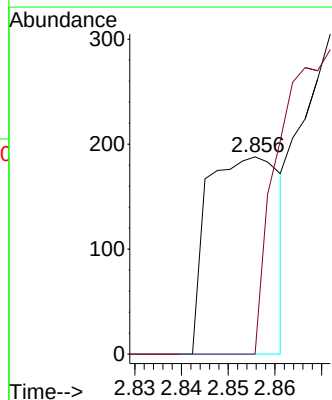
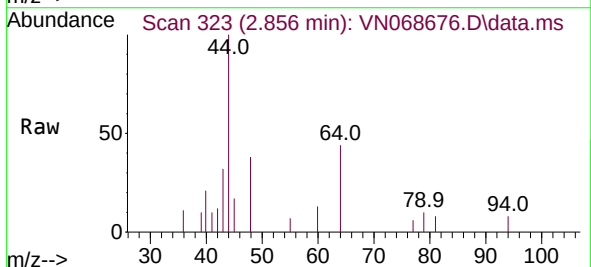
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

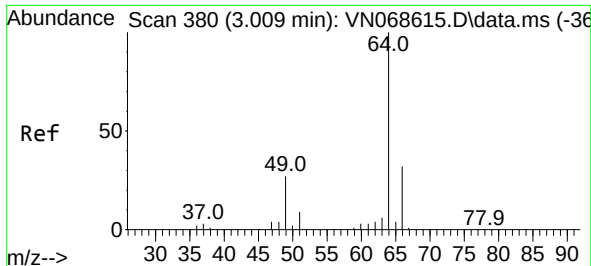
Tgt Ion:168 Resp: 503982
Ion Ratio Lower Upper
168 100
99 59.2 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.856 min Scan# 323
Delta R.T. 0.019 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

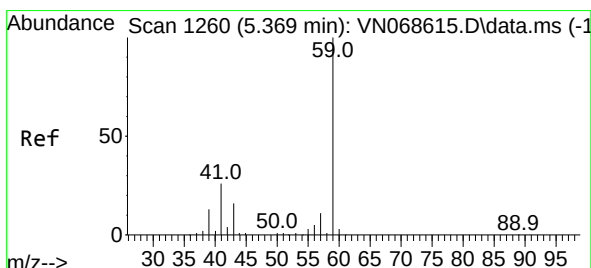
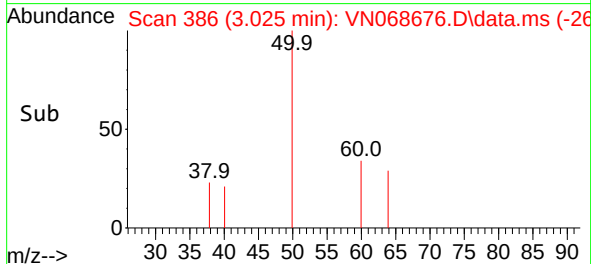
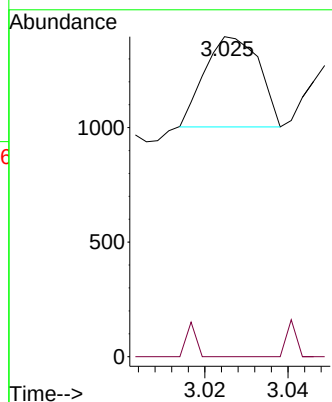
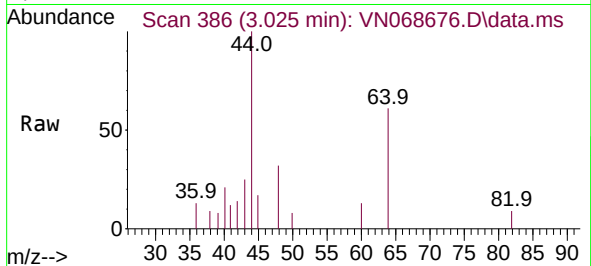




#6
Chloroethane
Concen: Below Cal
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

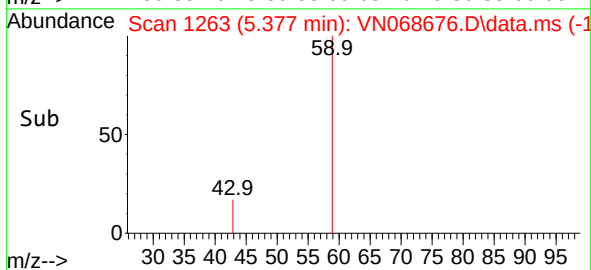
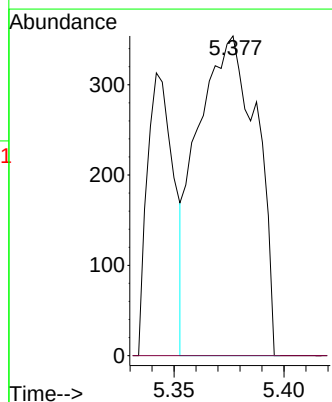
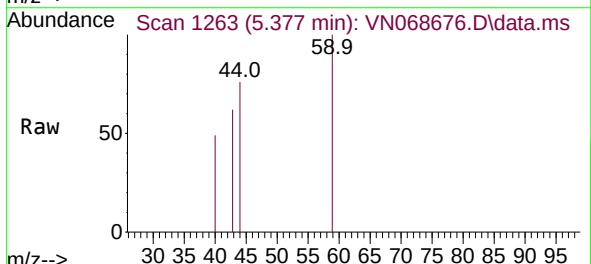
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

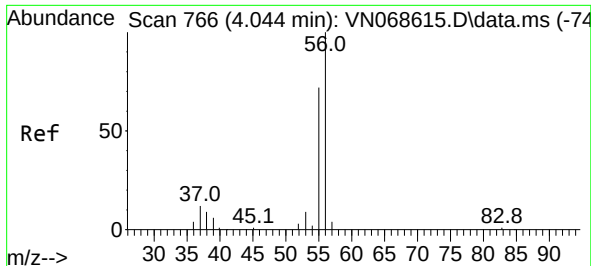
Tgt Ion: 64 Resp: 360
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.546 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. 0.008 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

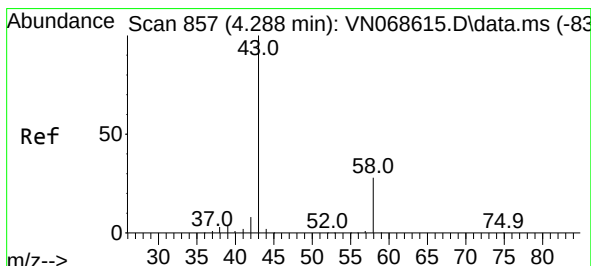
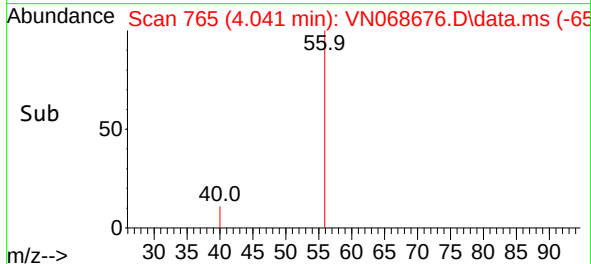
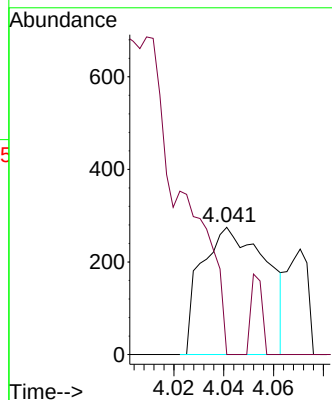
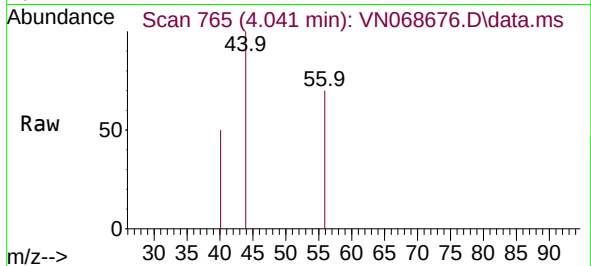




#13
Acrolein
Concen: 8.094 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

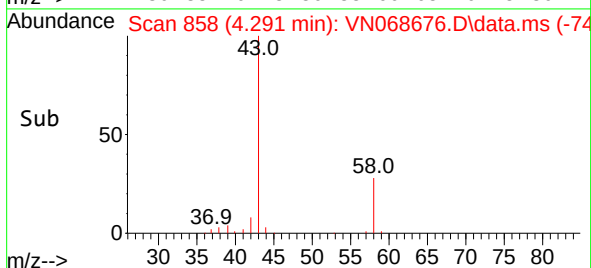
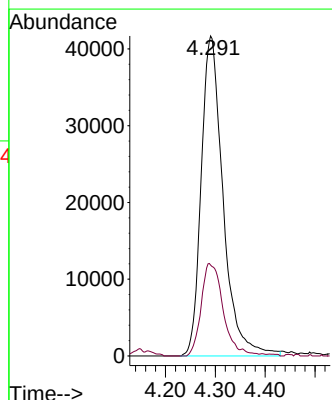
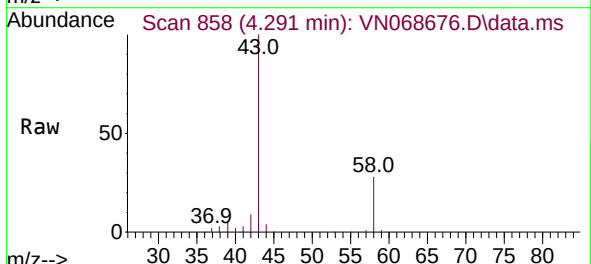
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

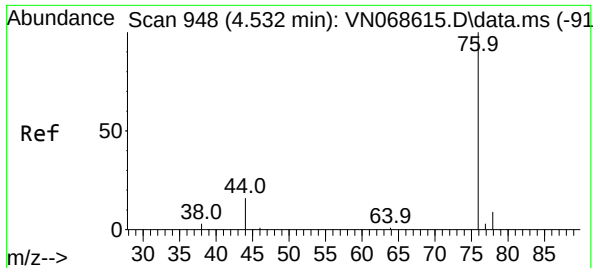
Tgt Ion: 56 Resp: 496
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#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

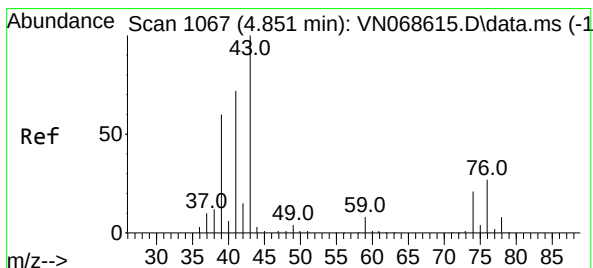
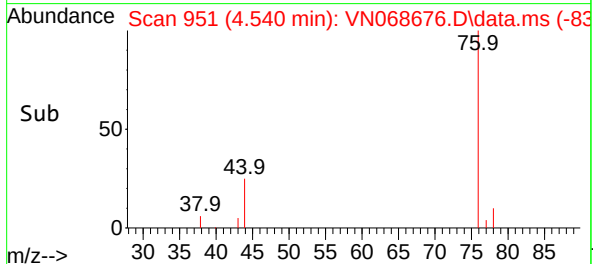
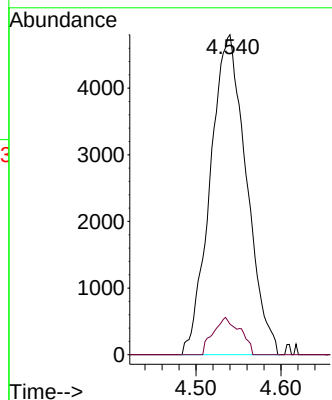
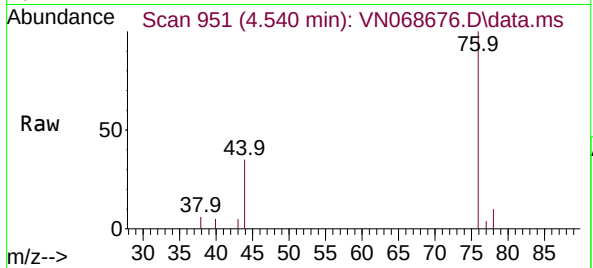




#17
Carbon Disulfide
Concen: 0.940 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.008 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

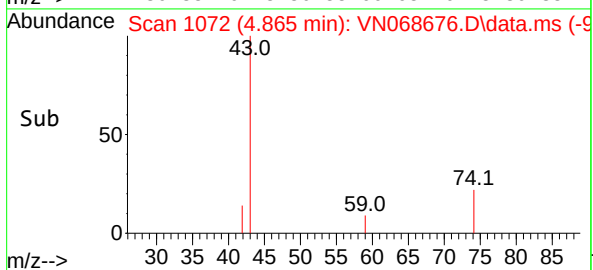
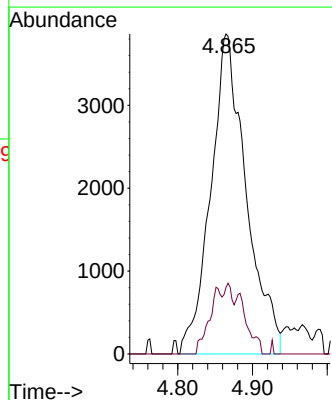
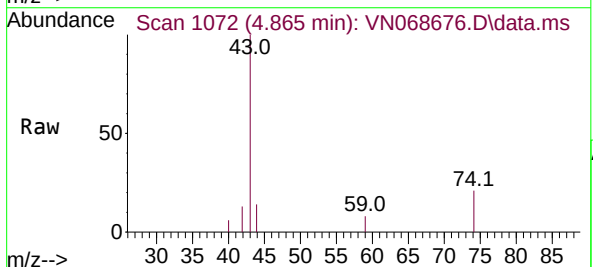
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

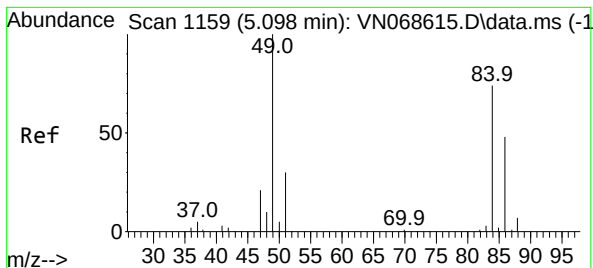
Tgt Ion: 76 Resp: 14206
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#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#





#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

Instrument :

MSVOA_N

ClientSampled :

SP-LPA-01

Tgt Ion: 84 Resp: 27378

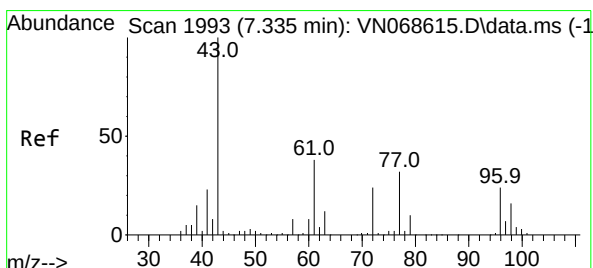
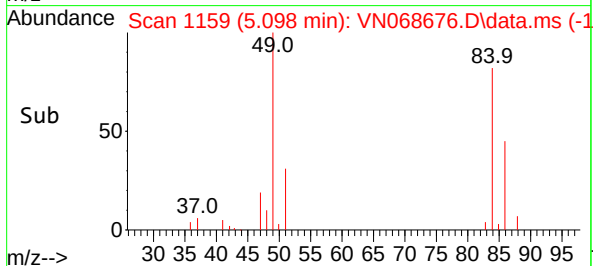
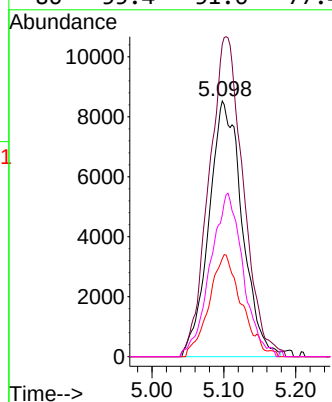
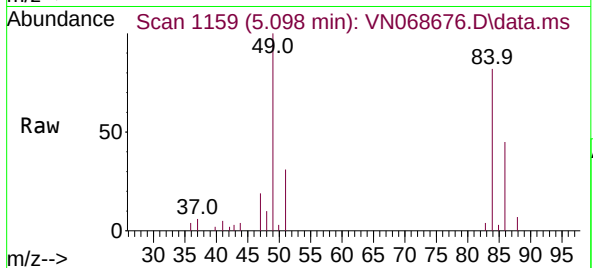
Ion Ratio Lower Upper

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

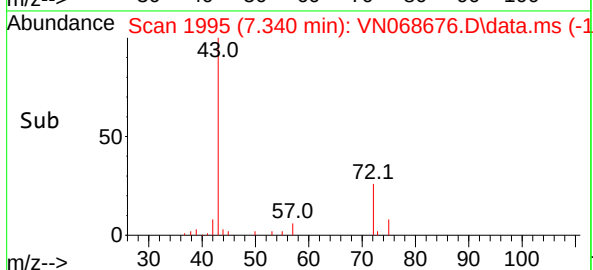
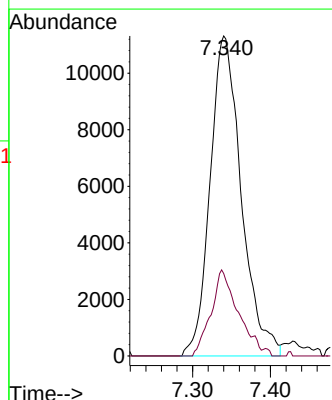
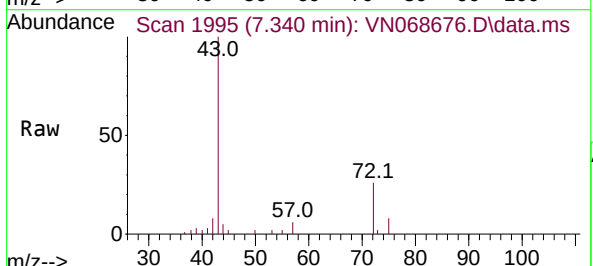
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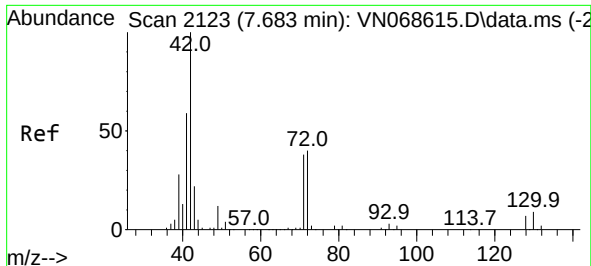
Tgt Ion: 43 Resp: 31457

Ion Ratio Lower Upper

43 100

72 25.8 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.419 ug/l

RT: 7.694 min Scan# 2127

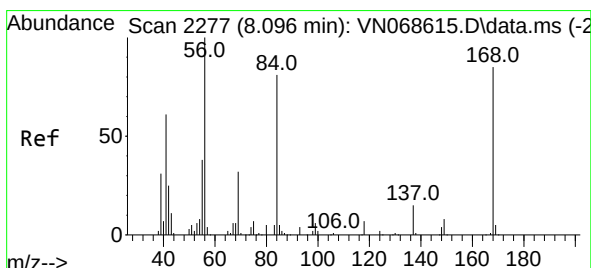
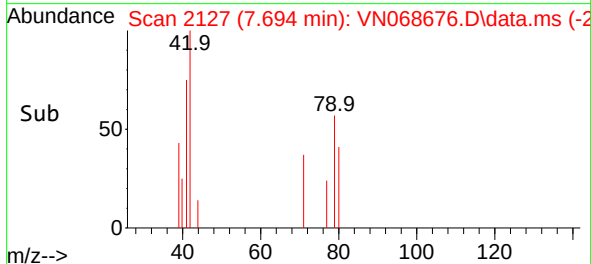
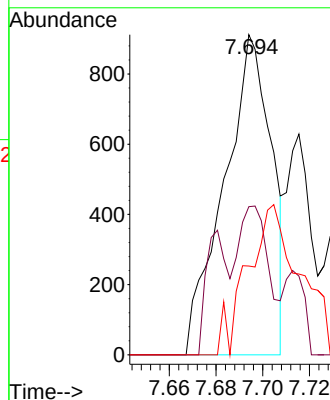
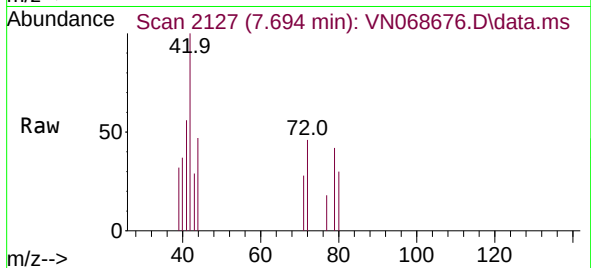
Delta R.T. 0.011 min

Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

Tgt Ion: 42	Resp: 1278
Ion Ratio	Lower Upper
42 100	
72 31.1	32.8 49.2#
71 0.0	31.2 46.8#

Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01



#31

Cyclohexane

Concen: 1.633 ug/l

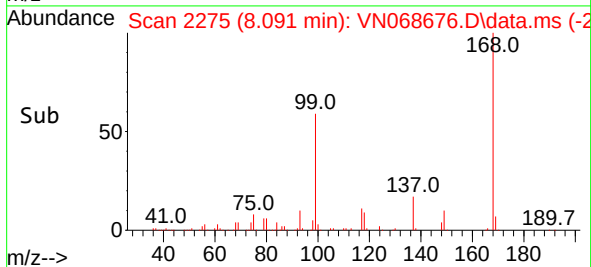
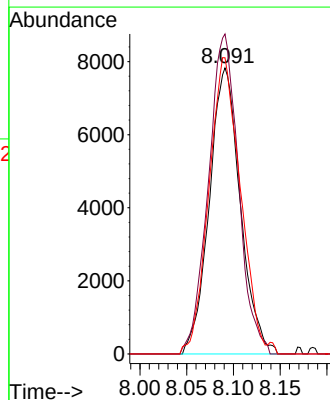
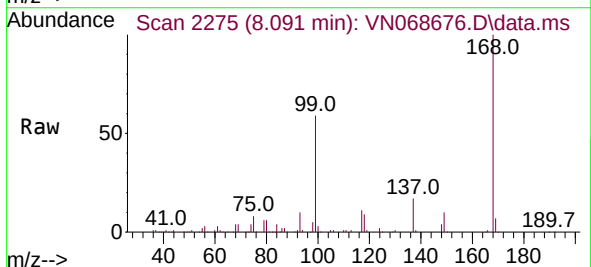
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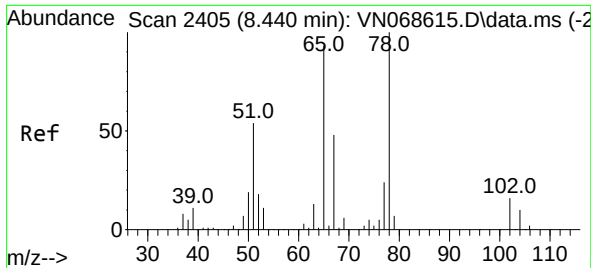
Delta R.T. -0.005 min

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Tgt Ion: 56	Resp: 18028
Ion Ratio	Lower Upper
56 100	
69 111.9	27.3 40.9#
84 103.6	64.9 97.3#

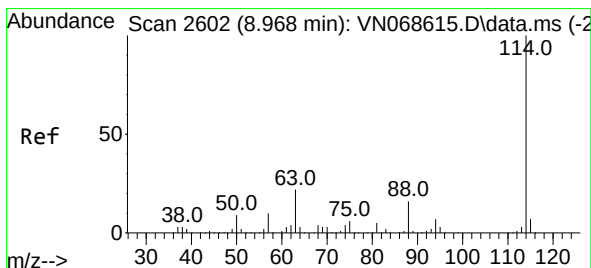
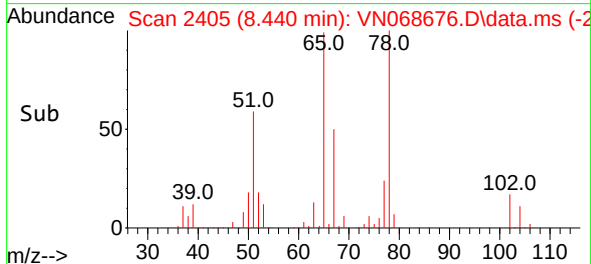
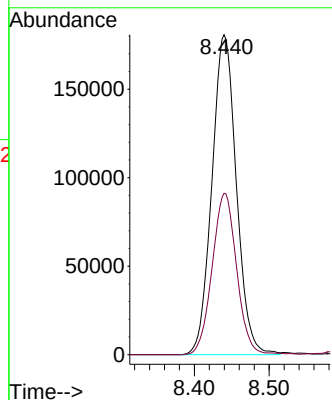
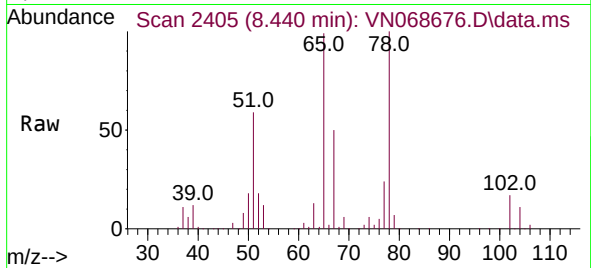




#33
1,2-Dichloroethane-d4
Concen: 52.307 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

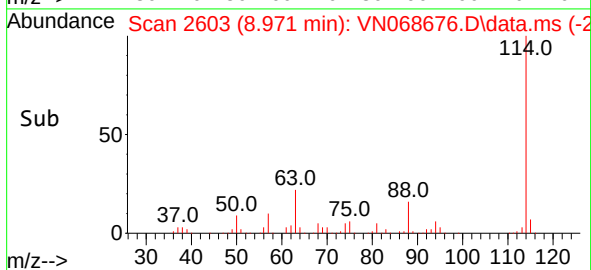
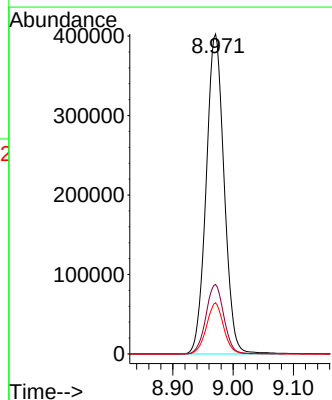
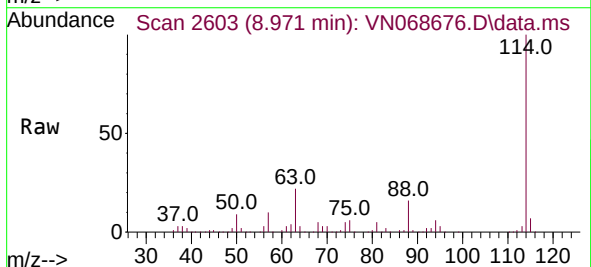
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

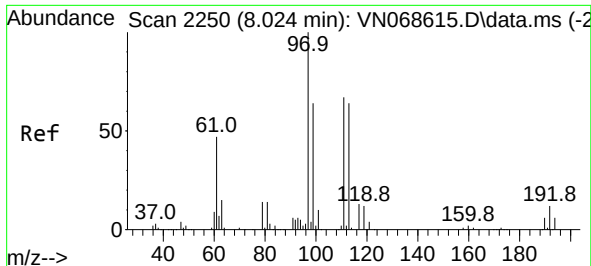
Tgt Ion: 65 Resp: 410918
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6



#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

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

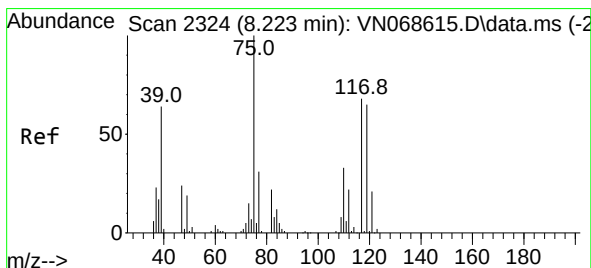
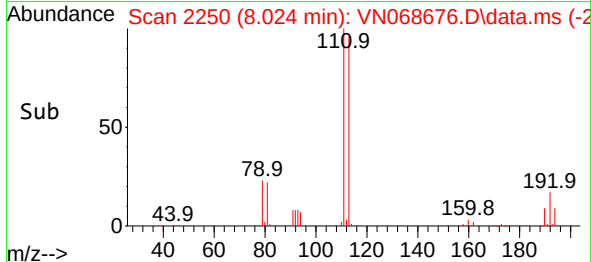
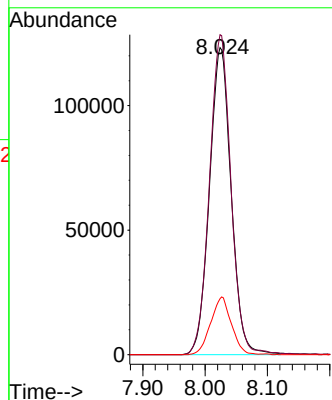
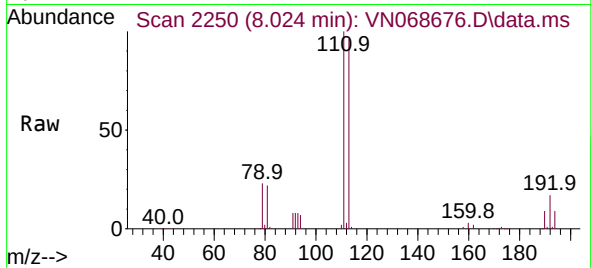




#35
Dibromofluoromethane
Concen: 53.548 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

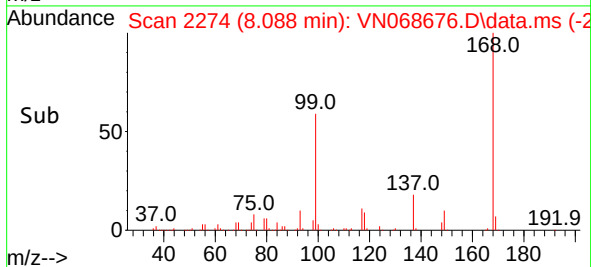
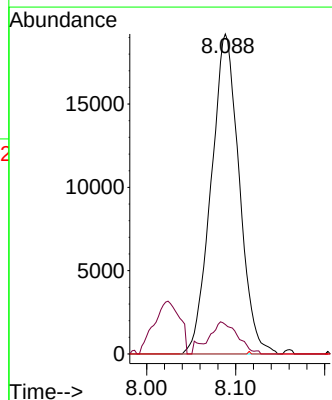
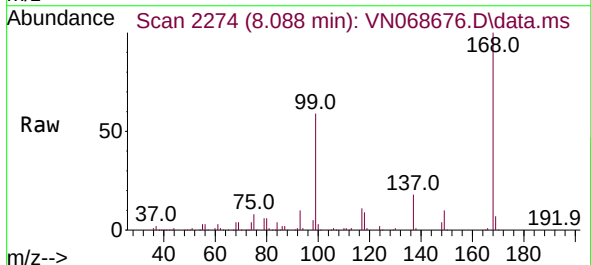
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

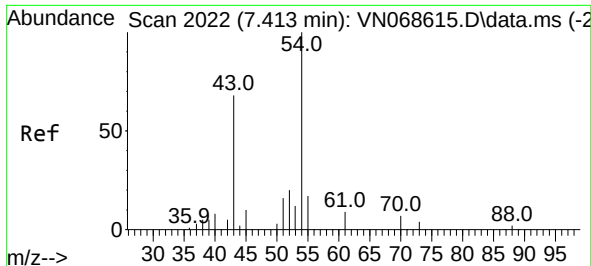
Tgt Ion:113 Resp: 297825
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 18.0 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 75 Resp: 42046
Ion Ratio Lower Upper
75 100
110 9.3 15.7 47.0#
77 0.0 24.6 37.0#

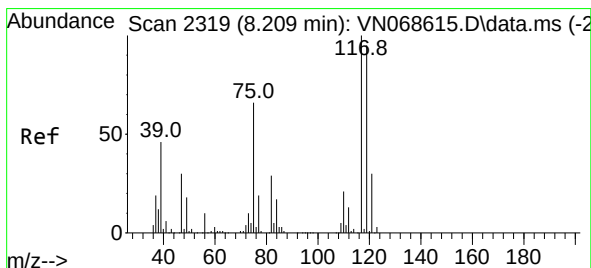
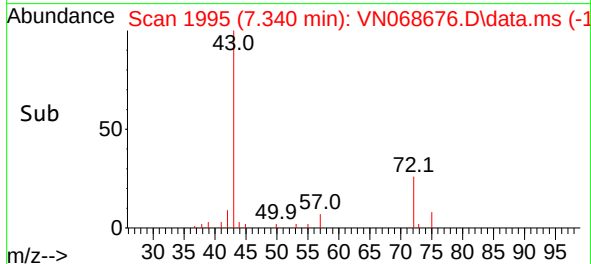
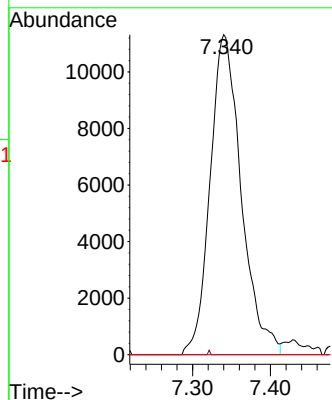
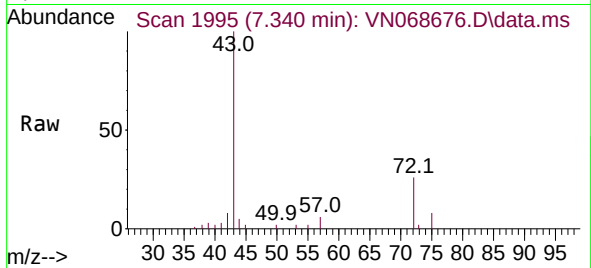




#37
Ethyl Acetate
Concen: 3.298 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.073 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

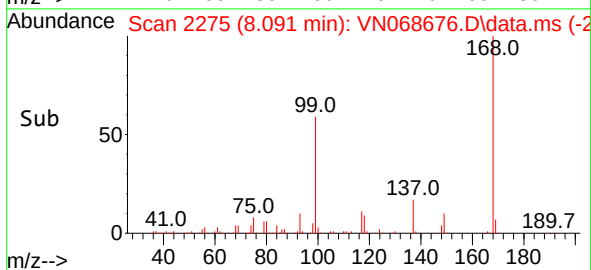
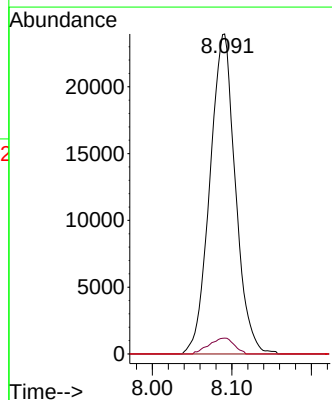
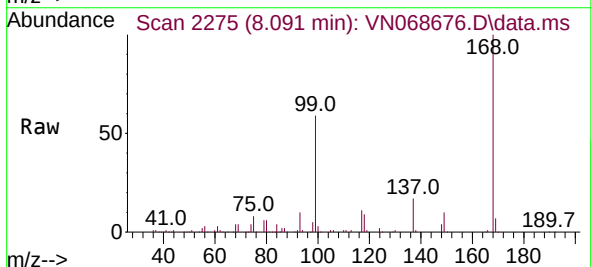
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

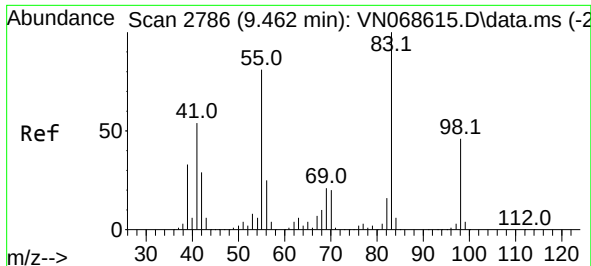
Tgt Ion:	43	Resp:	31457
Ion	Ratio	Lower	Upper
43	100		
61	0.1	10.6	16.0#
70	0.0	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion:	117	Resp:	53375
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.808 ug/l

RT: 9.467 min Scan# 2788

Delta R.T. 0.005 min

Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

Tgt Ion: 83 Resp: 7952

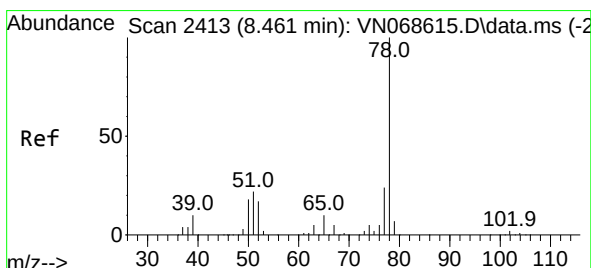
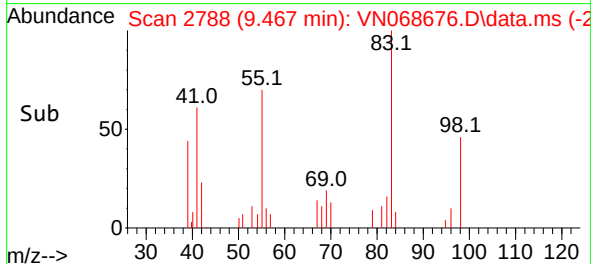
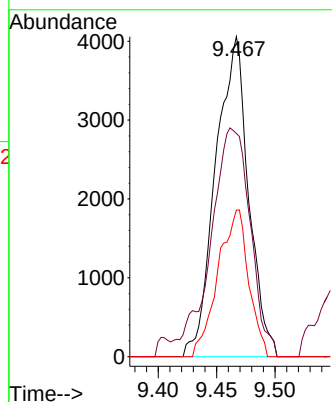
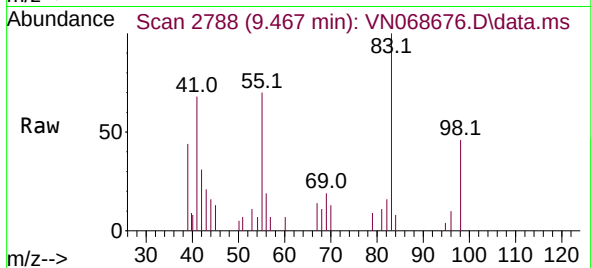
Ion	Ratio	Lower	Upper
83	100		
55	69.7	66.6	99.8
98	45.8	35.3	52.9

Instrument :

MSVOA_N

ClientSampled :

SP-LPA-01



#40

Benzene

Concen: 57.079 ug/l

RT: 8.464 min Scan# 2414

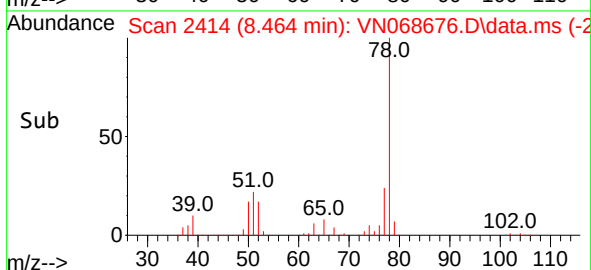
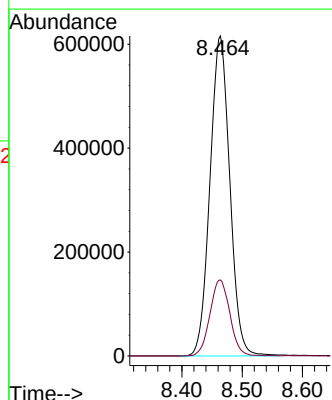
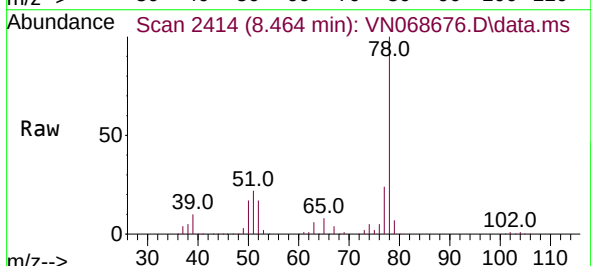
Delta R.T. 0.003 min

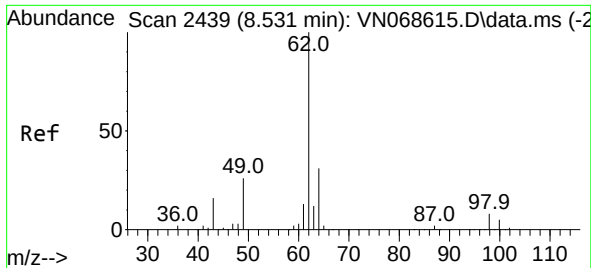
Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

Tgt Ion: 78 Resp: 1407213

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#42

1,2-Dichloroethane

Concen: 1.508 ug/l

RT: 8.466 min Scan# 2415

Delta R.T. -0.065 min

Lab File: VN068676.D

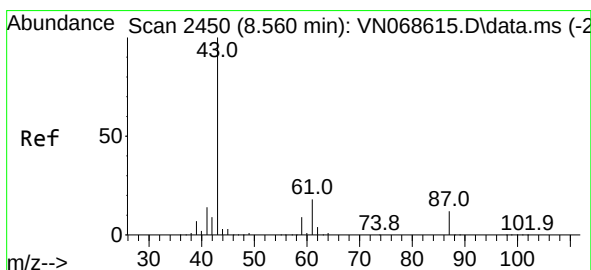
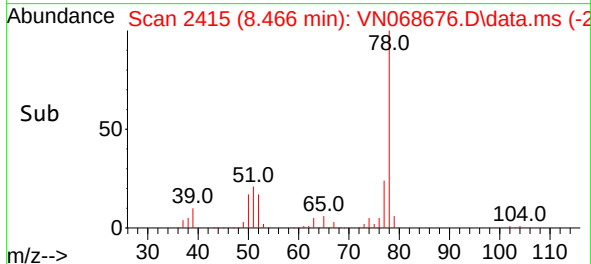
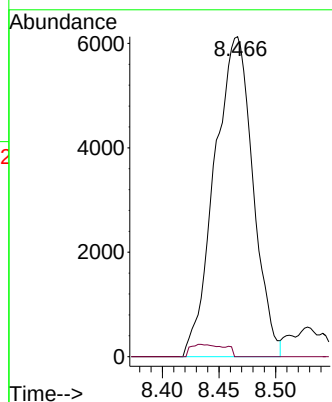
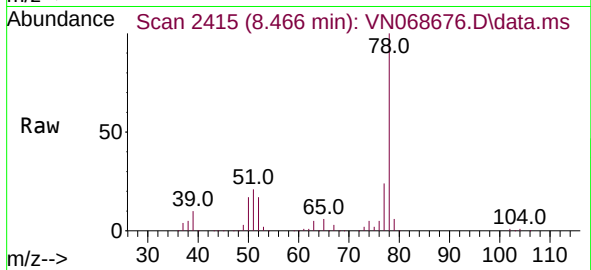
Acq: 25 Sep 2021 18:50

Tgt Ion: 62 Resp: 14467

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.2



#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

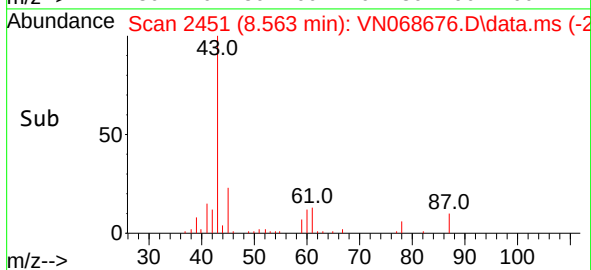
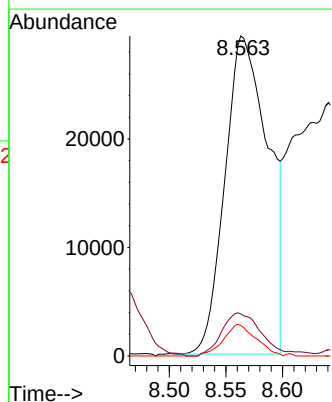
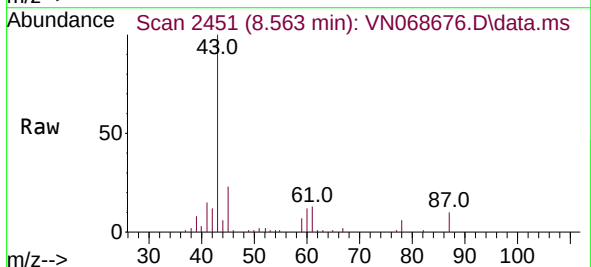
Tgt Ion: 43 Resp: 78133

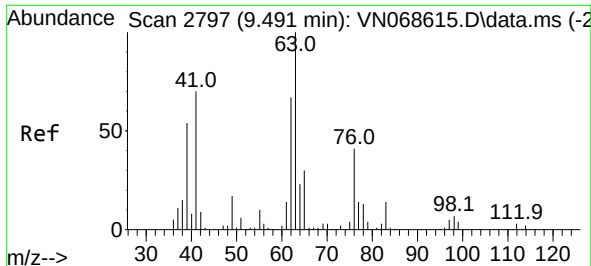
Ion Ratio Lower Upper

43 100

61 12.7 19.0 28.4#

87 7.4 9.5 14.3#

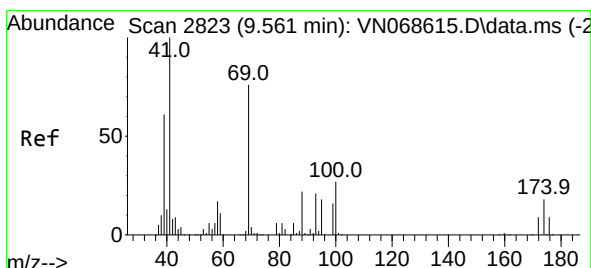
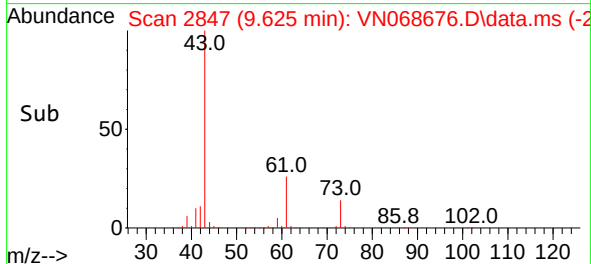
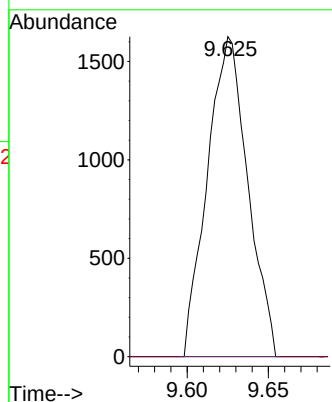
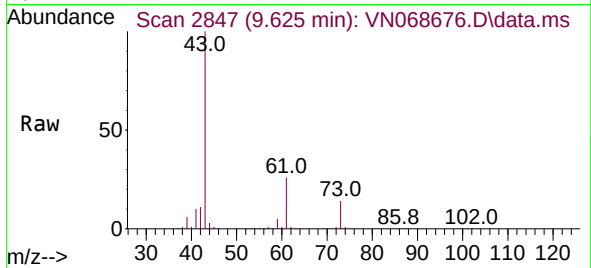




#45
1,2-Dichloropropane
Concen: 0.433 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.134 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

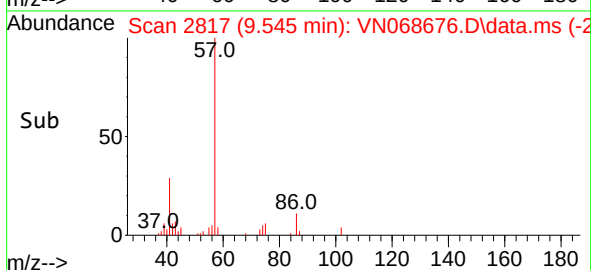
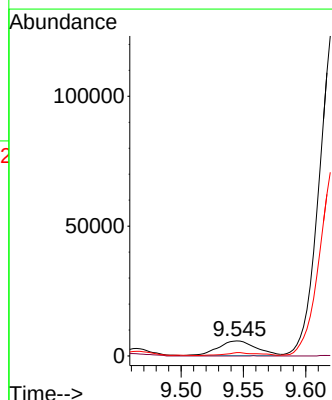
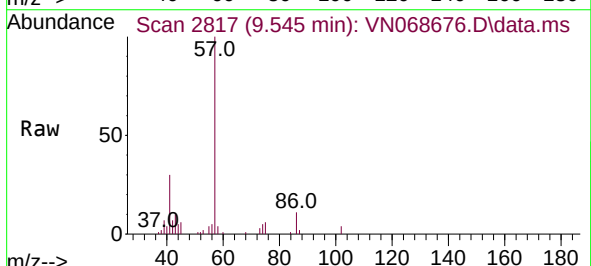
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

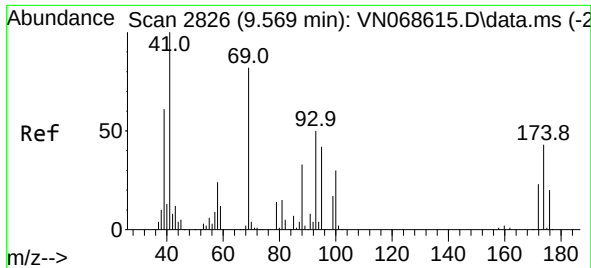
Tgt Ion: 63 Resp: 2811
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#



#48
Methyl methacrylate
Concen: 1.581 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 41 Resp: 11778
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#

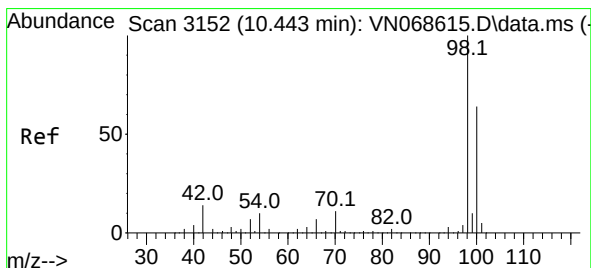
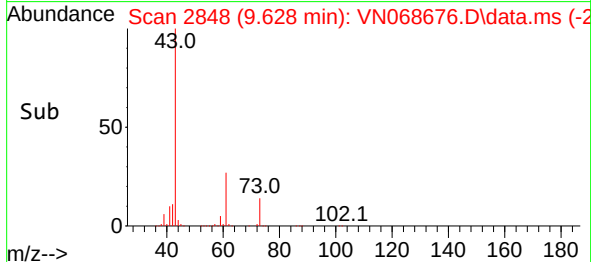
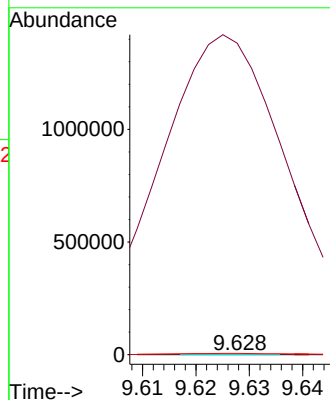
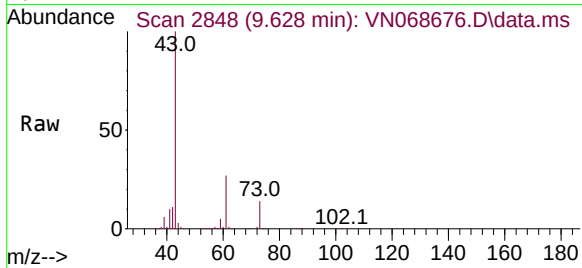




#49
1,4-Dioxane
Concen: 1.417 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.059 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

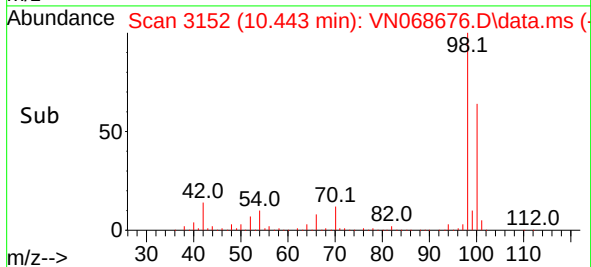
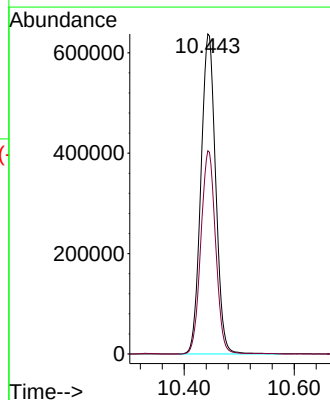
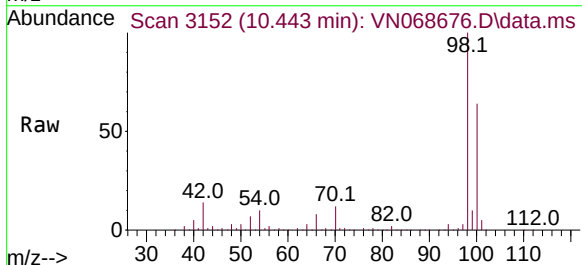
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

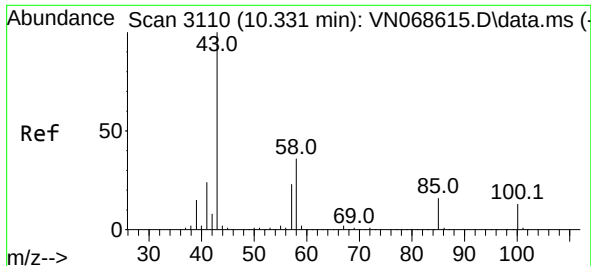
Tgt Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
43 1688215.6 28.8 43.2#
58 6888.3 60.4 90.6#



#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

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

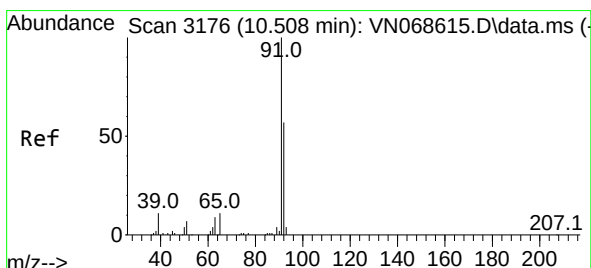
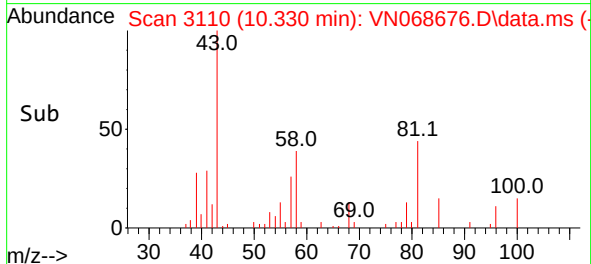
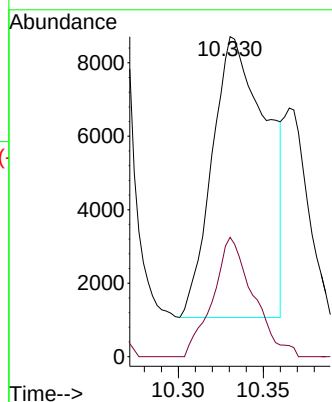
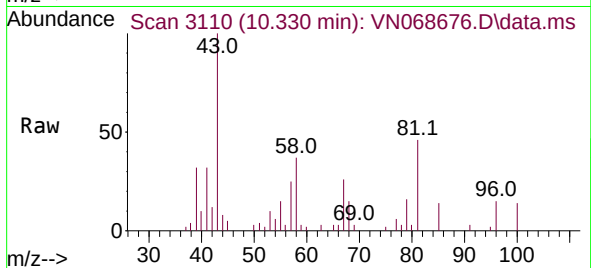




#51
4-Methyl-2-Pentanone
Concen: 1.729 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

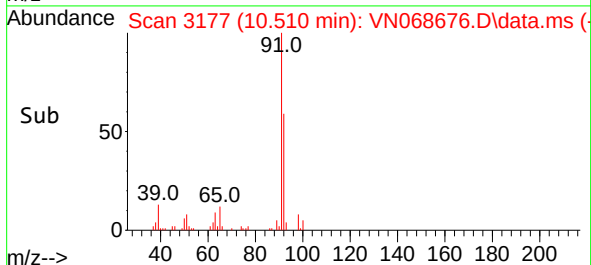
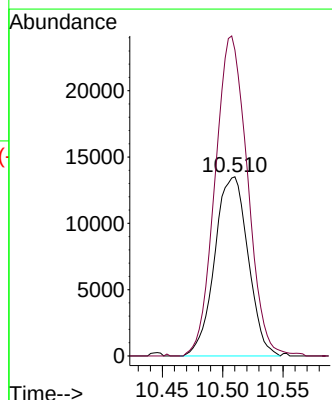
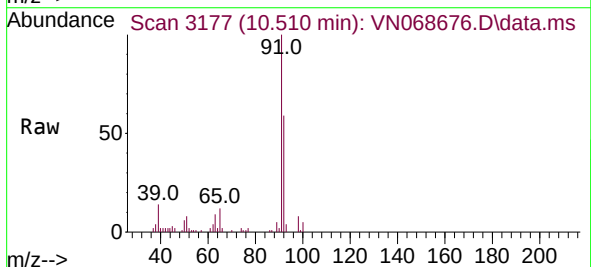
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

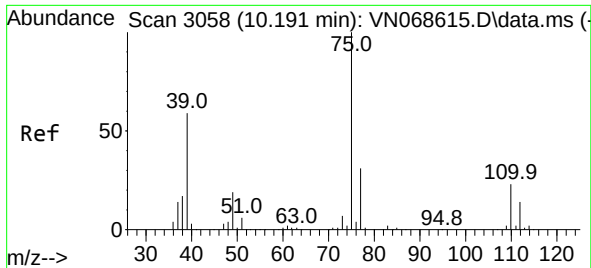
Tgt Ion: 43 Resp: 17061
Ion Ratio Lower Upper
43 100
58 31.5 28.6 43.0



#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

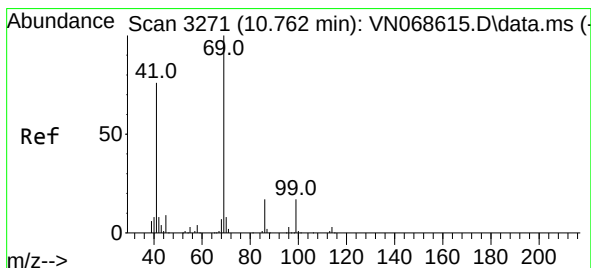
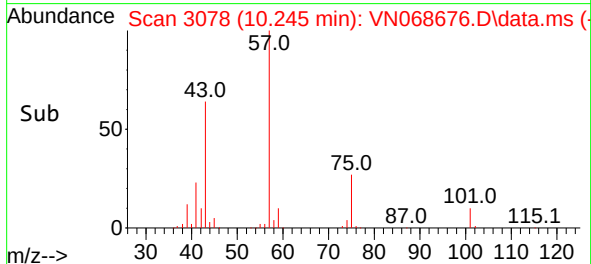
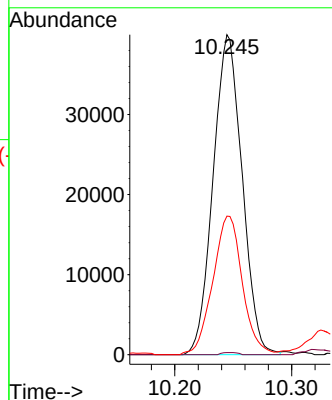
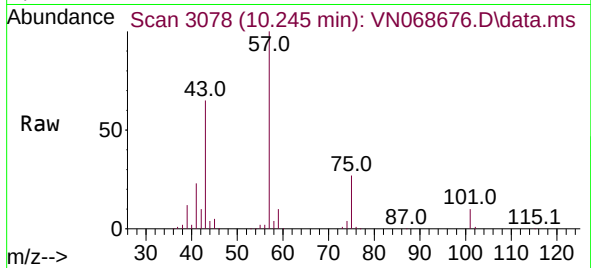




#54
cis-1,3-Dichloropropene
Concen: 6.718 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

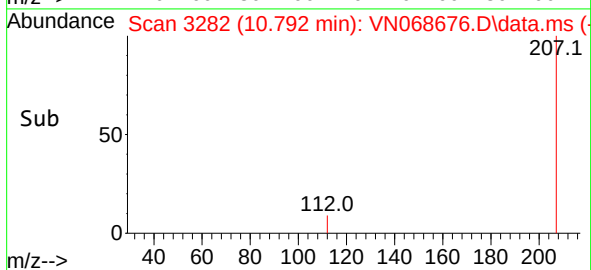
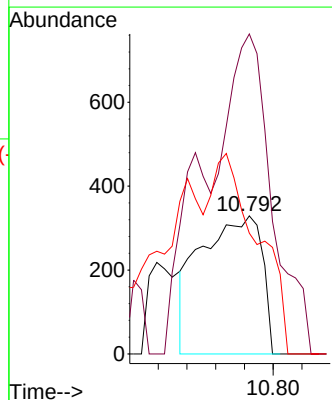
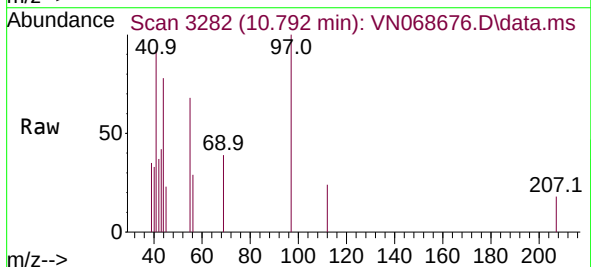
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

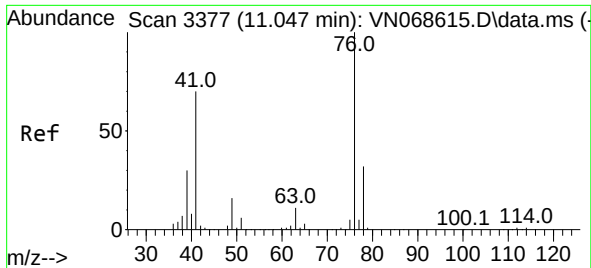
Tgt Ion: 75 Resp: 68912
Ion Ratio Lower Upper
75 100
77 0.7 24.6 37.0#
39 43.3 50.7 76.1#



#56
Ethyl methacrylate
Concen: 0.750 ug/l
RT: 10.792 min Scan# 3282
Delta R.T. 0.030 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 69 Resp: 486
Ion Ratio Lower Upper
69 100
41 0.0 58.6 88.0#
39 0.0 38.3 57.5#

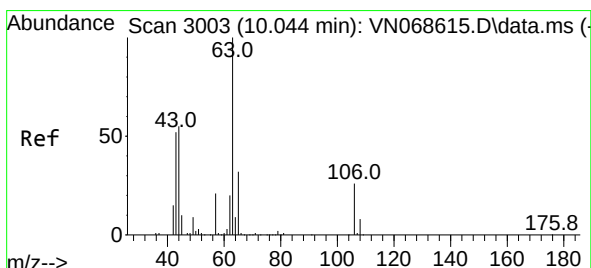
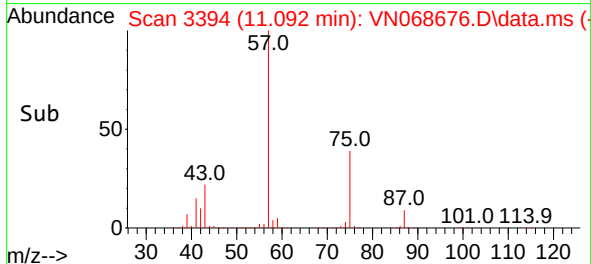
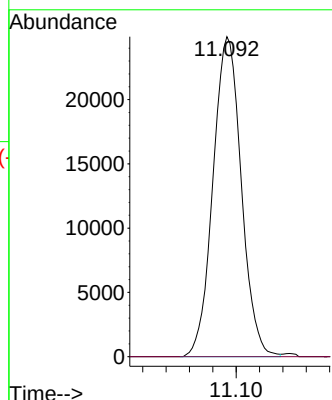
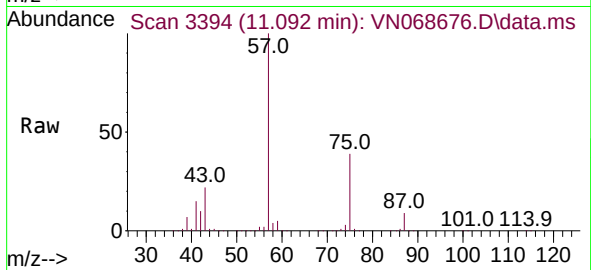




#57
1,3-Dichloropropane
Concen: 3.959 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.045 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

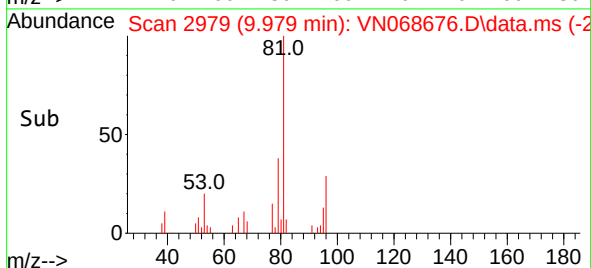
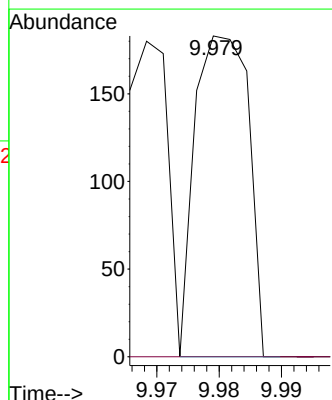
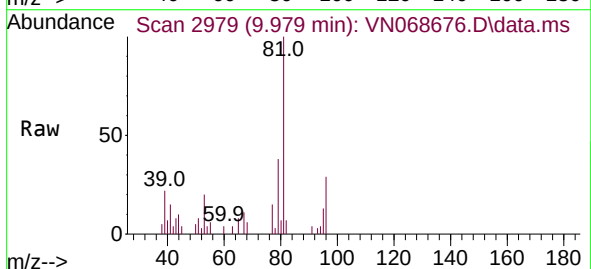
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

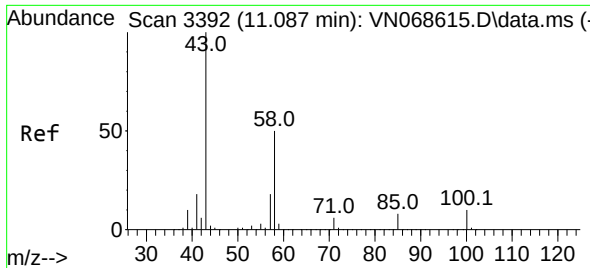
Tgt Ion: 76 Resp: 41864
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 12.055 ug/l
RT: 9.979 min Scan# 2979
Delta R.T. -0.065 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 63 Resp: 109
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

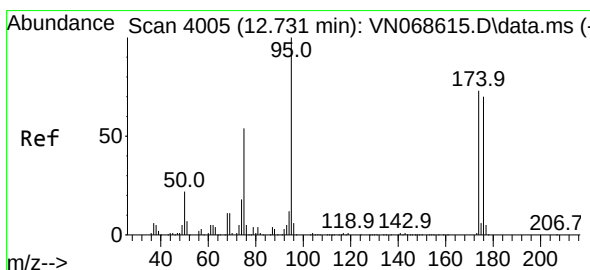
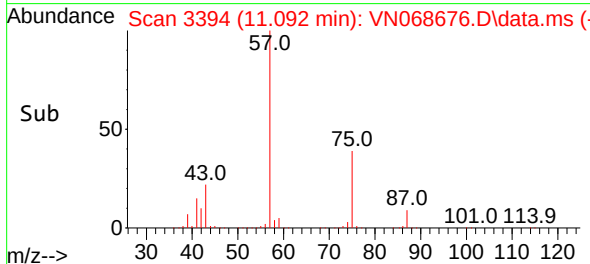
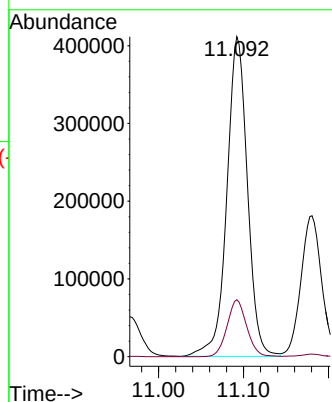
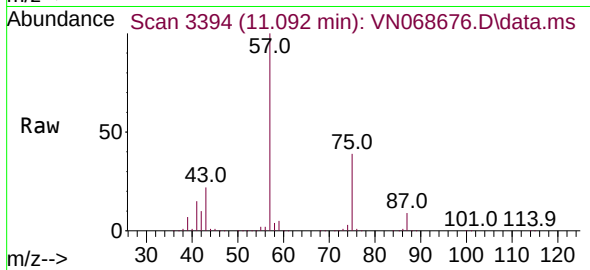




#59
2-Hexanone
Concen: 97.591 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

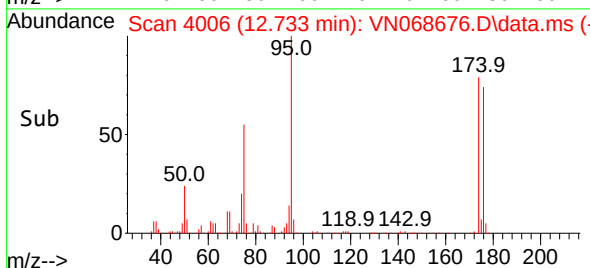
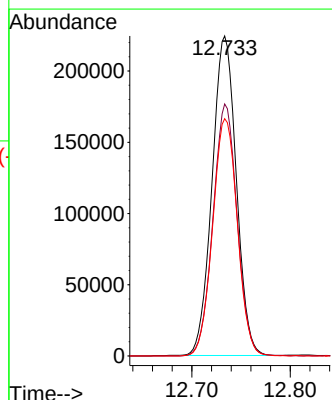
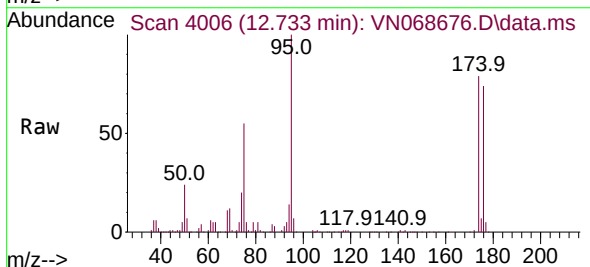
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

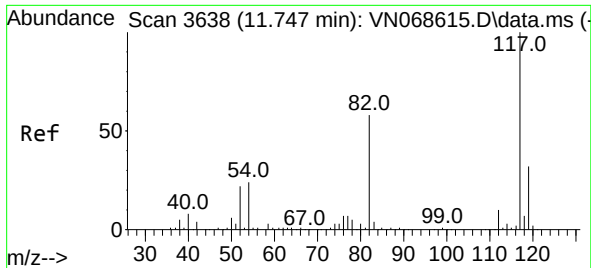
Tgt Ion: 43 Resp: 692439
Ion Ratio Lower Upper
43 100
58 17.1 24.7 74.1#



#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

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

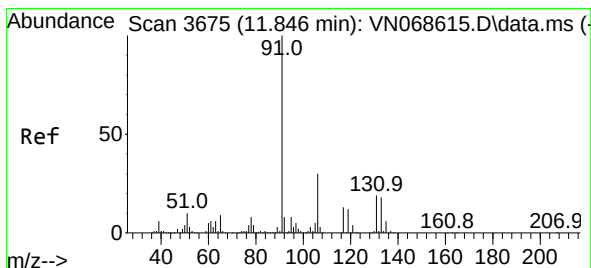
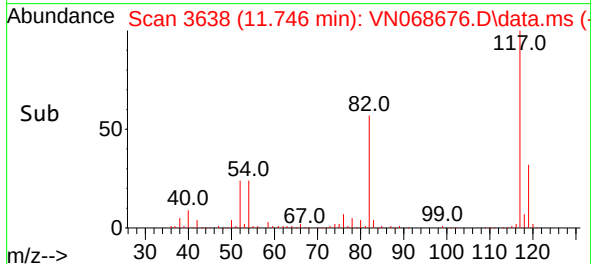
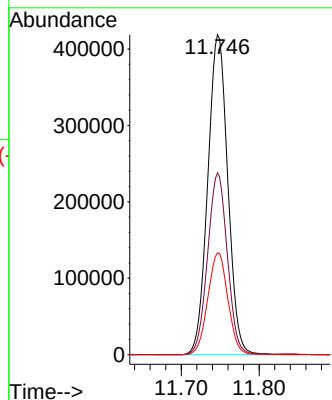
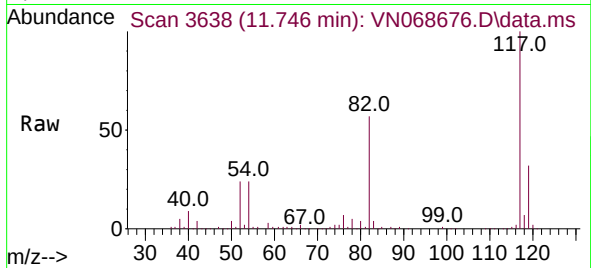




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

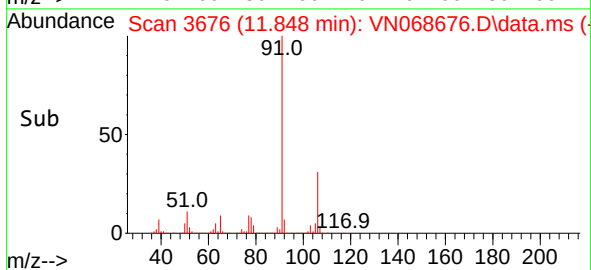
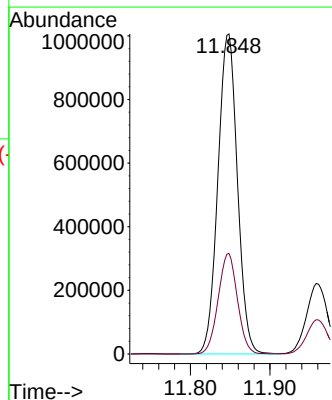
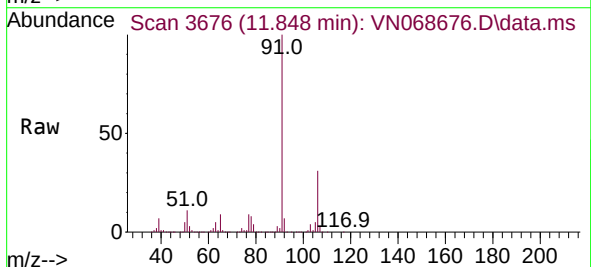
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

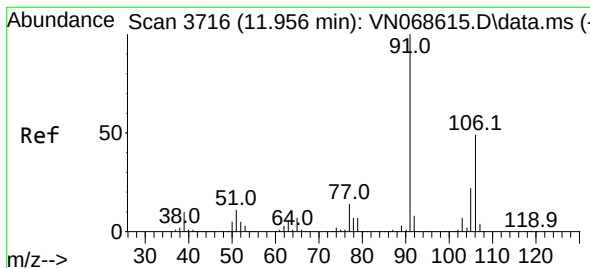
Tgt Ion:117 Resp: 747851
Ion Ratio Lower Upper
117 100
82 56.8 53.1 79.7
119 31.8 25.5 38.3



#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

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

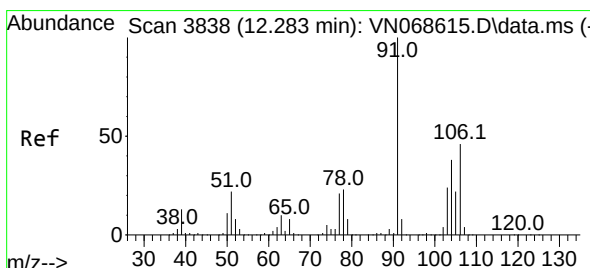
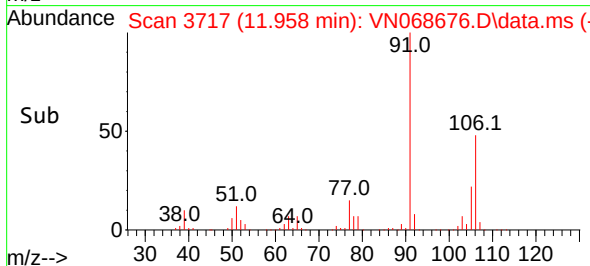
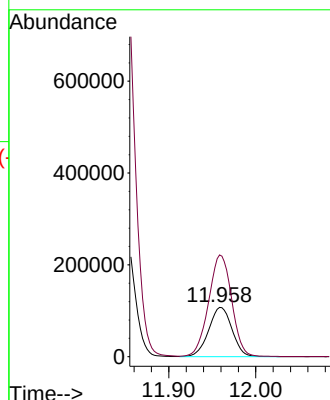
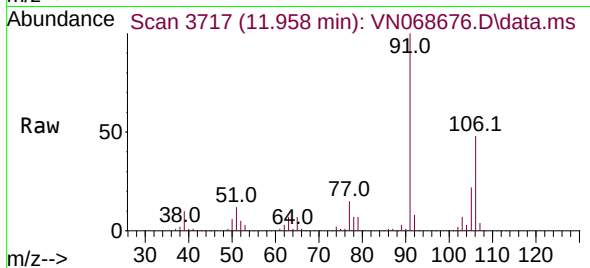




#68
m/p-Xylenes
Concen: 18.950 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

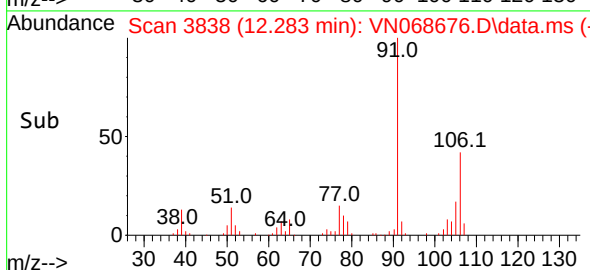
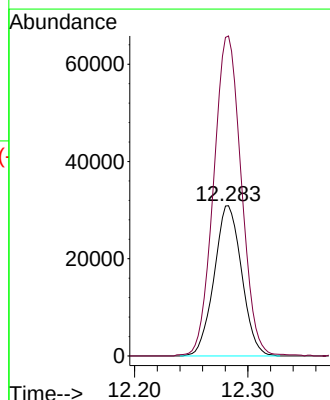
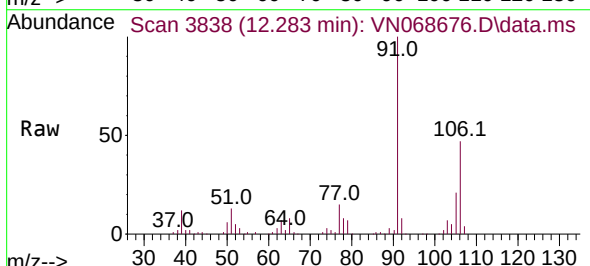
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

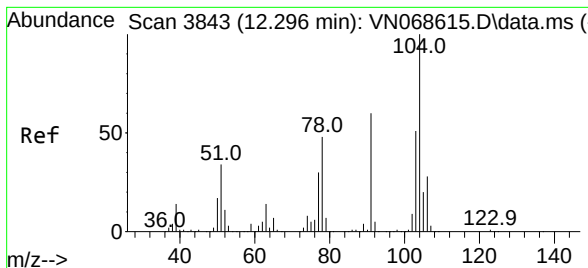
Tgt Ion:106 Resp: 200208
Ion Ratio Lower Upper
106 100
91 203.9 180.6 270.8



#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

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





#70

Styrene

Concen: 0.455 ug/l

RT: 12.286 min Scan# 3839

Delta R.T. -0.010 min

Lab File: VN068676.D

Acq: 25 Sep 2021 18:50

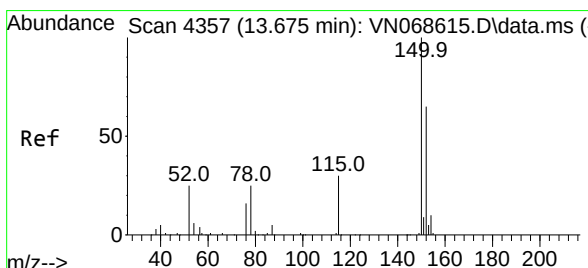
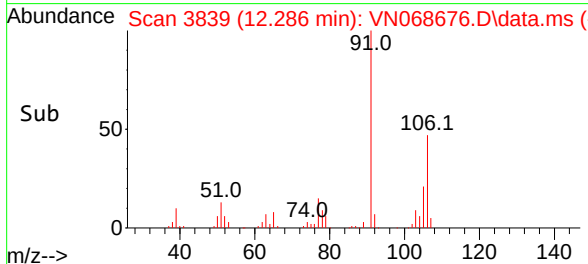
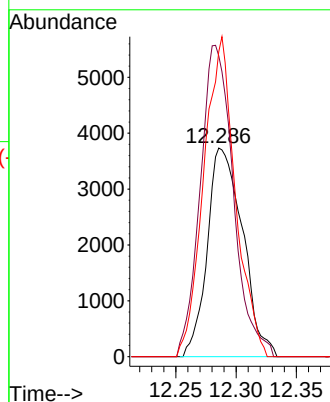
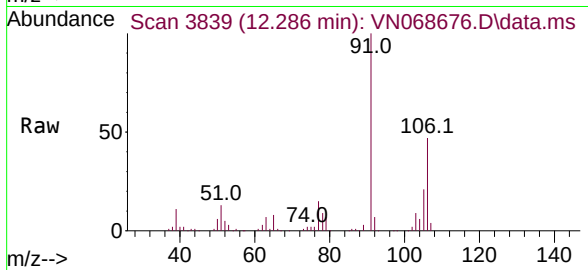
Instrument :

MSVOA_N

ClientSampleId :

SP-LPA-01

Tgt Ion:	104	Resp:	7604
Ion Ratio	Lower	Upper	
104	100		
78	140.0	48.2	72.2#
103	137.6	44.5	66.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

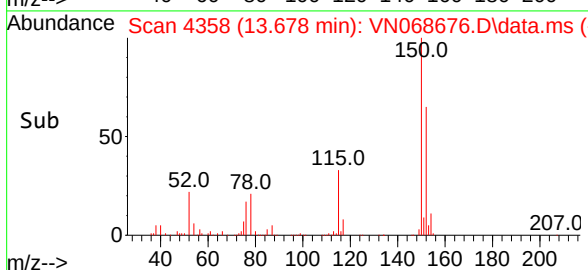
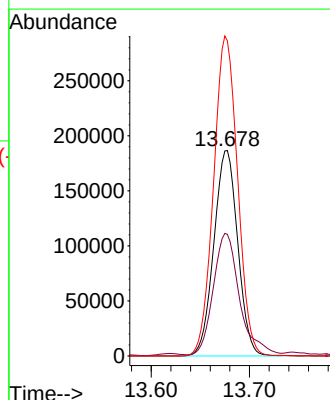
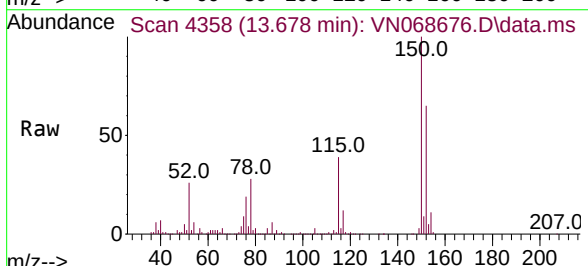
RT: 13.678 min Scan# 4358

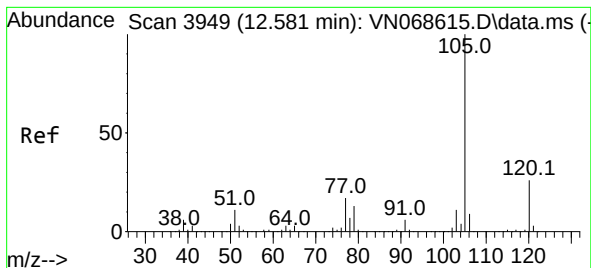
Delta R.T. 0.002 min

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

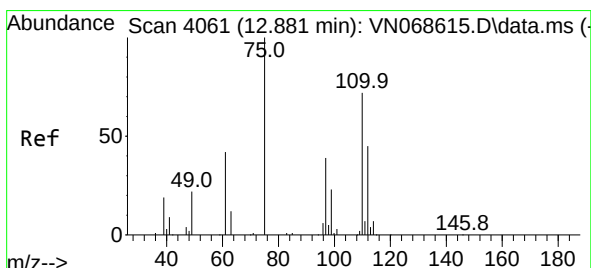
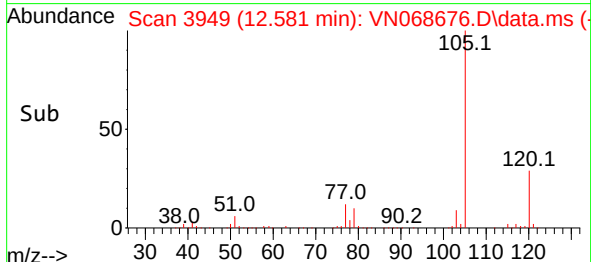
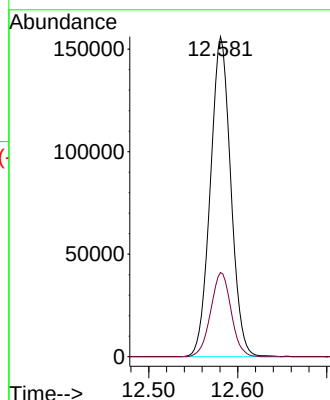
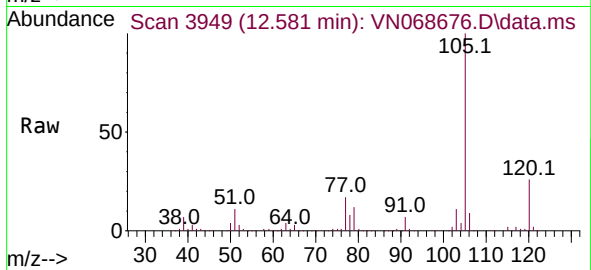




#73
Isopropylbenzene
Concen: 8.801 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

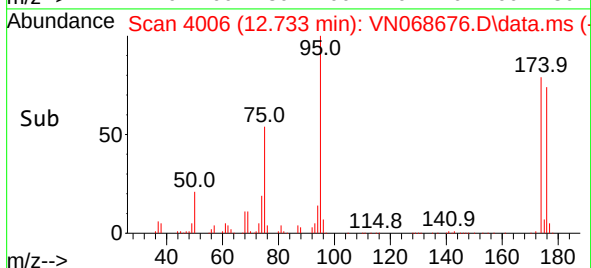
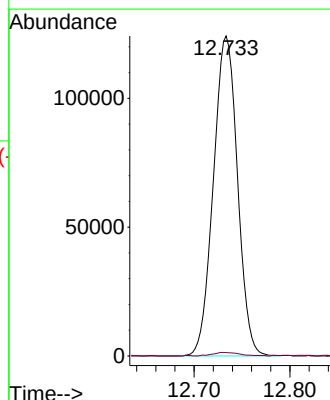
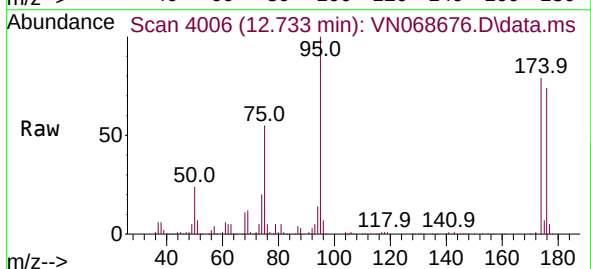
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

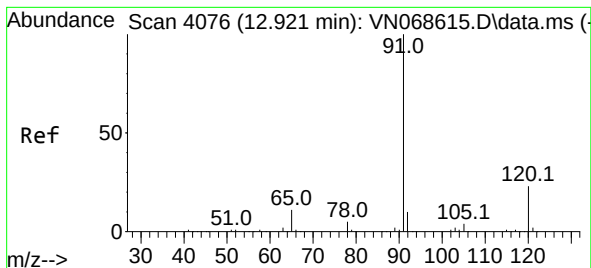
Tgt Ion:105 Resp: 248673
Ion Ratio Lower Upper
105 100
120 26.3 12.5 37.5



#76
1,2,3-Trichloropropane
Concen: 27.810 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 75 Resp: 216681
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 3.787 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN068676.D

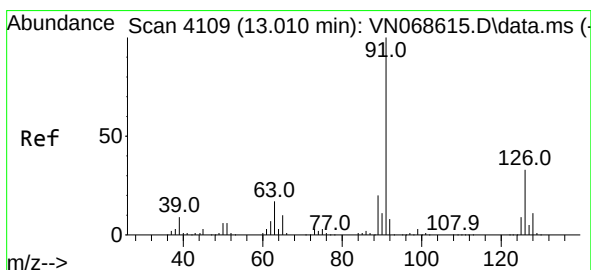
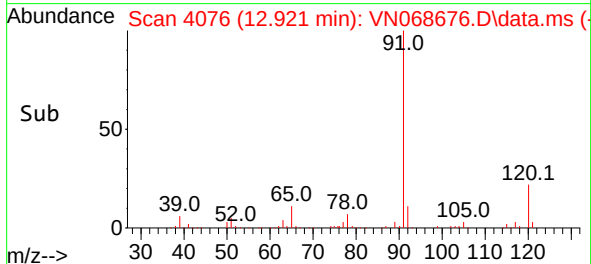
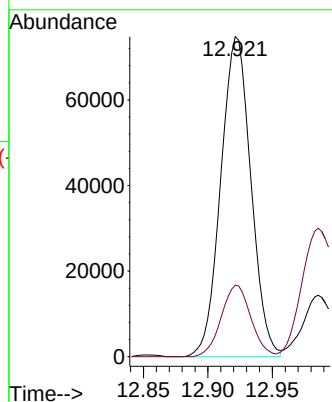
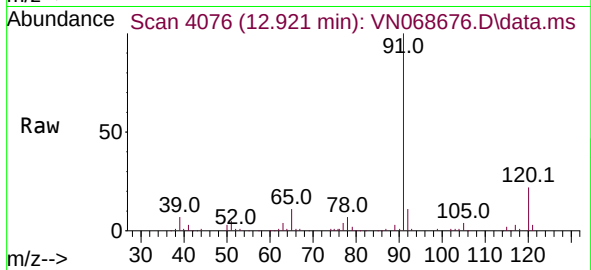
Acq: 25 Sep 2021 18:50

Tgt Ion: 91 Resp: 121513

Ion Ratio Lower Upper

91 100

120 22.0 10.4 31.4



#79

2-Chlorotoluene

Concen: 1.439 ug/l

RT: 13.018 min Scan# 4112

Delta R.T. 0.008 min

Lab File: VN068676.D

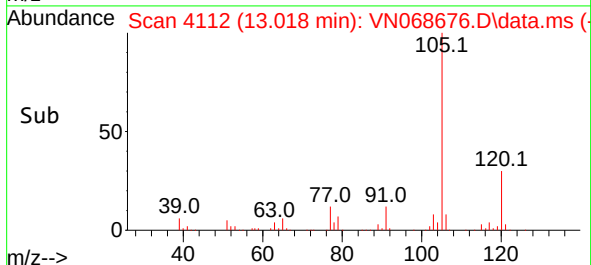
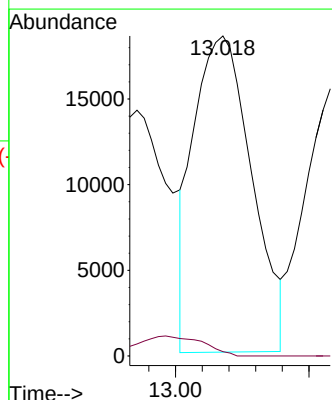
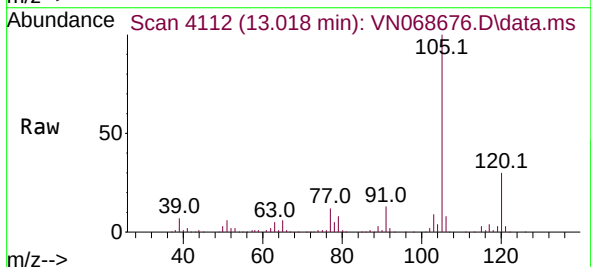
Acq: 25 Sep 2021 18:50

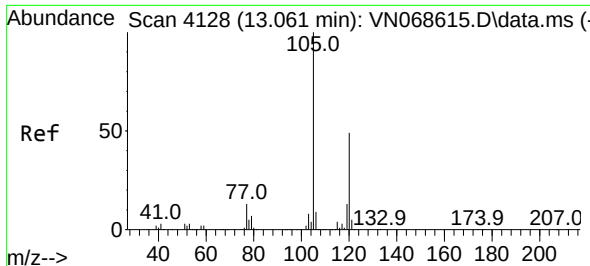
Tgt Ion: 91 Resp: 27887

Ion Ratio Lower Upper

91 100

126 0.0 14.5 43.5#

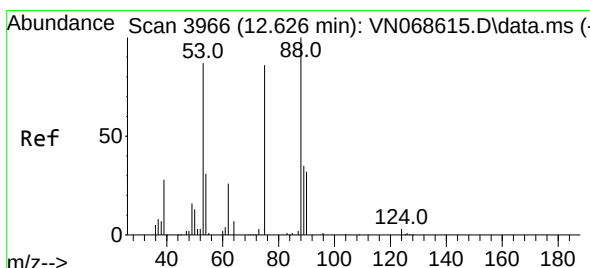
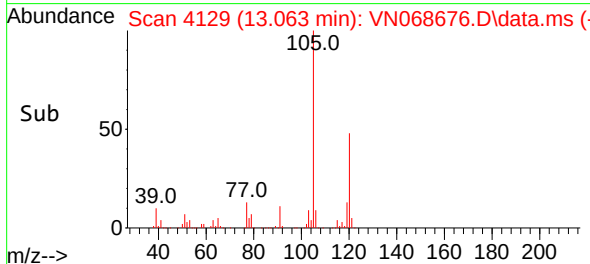
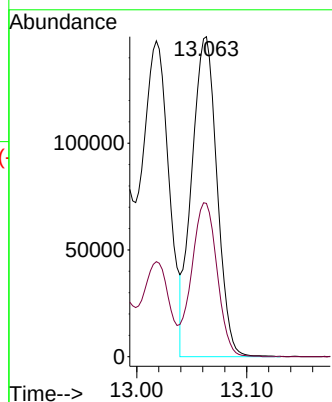
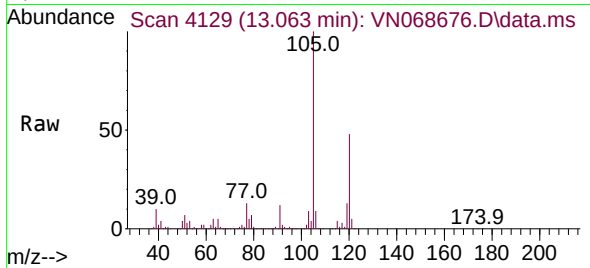




#80
 1,3,5-Trimethylbenzene
 Concen: 10.785 ug/l
 RT: 13.063 min Scan# 4129
 Delta R.T. 0.002 min
 Lab File: VN068676.D
 Acq: 25 Sep 2021 18:50

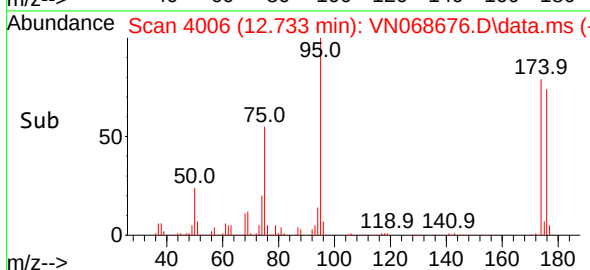
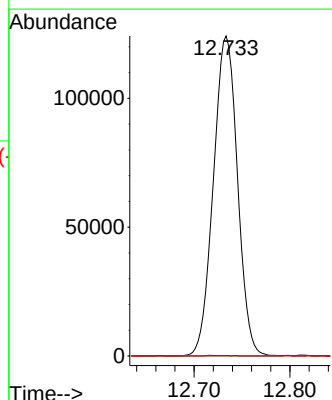
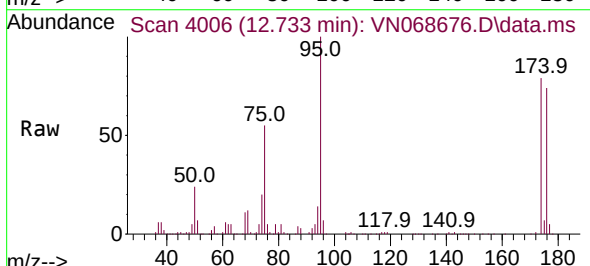
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-LPA-01

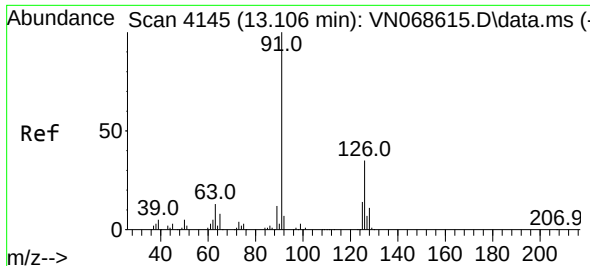
Tgt Ion:105 Resp: 239302
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.2 66.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.557 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.107 min
 Lab File: VN068676.D
 Acq: 25 Sep 2021 18:50

Tgt Ion: 75 Resp: 216681
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.6 131.4#
 89 0.0 37.8 56.8#

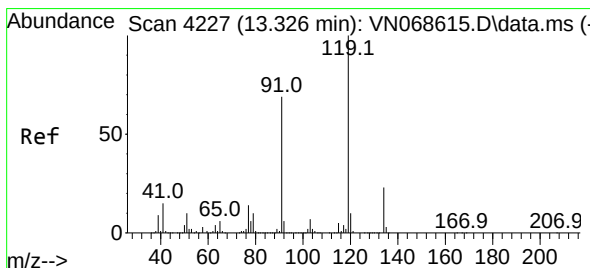
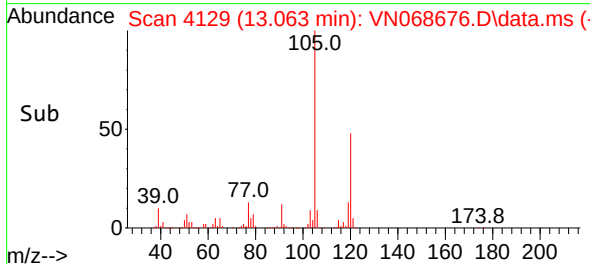
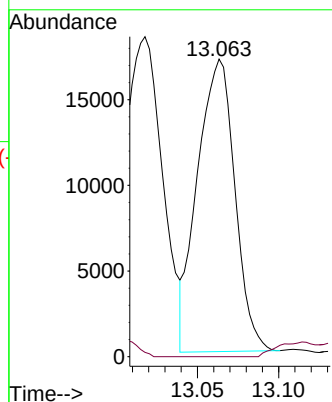
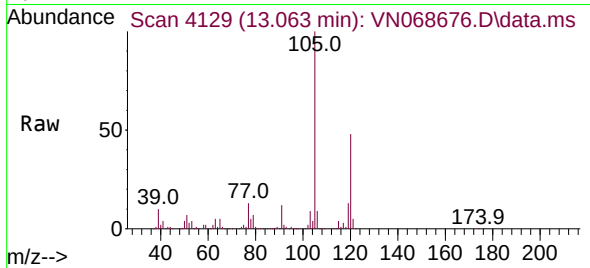




#82
4-Chlorotoluene
Concen: 1.450 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. -0.043 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

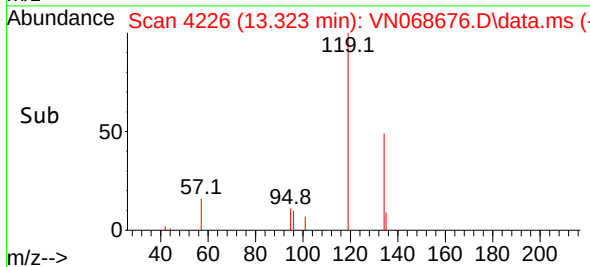
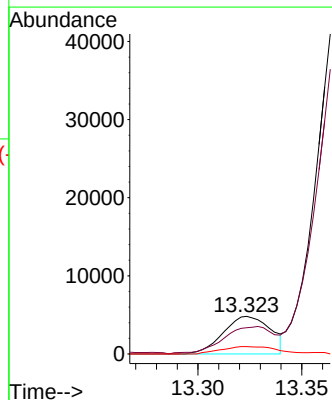
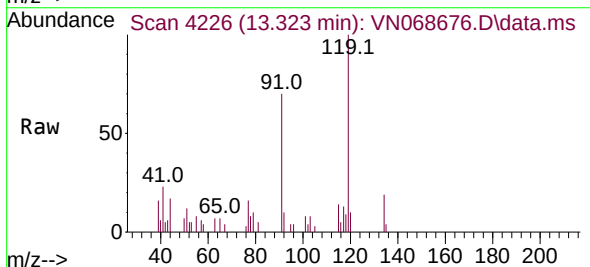
Instrument :
MSVOA_N
ClientSampled :
SP-LPA-01

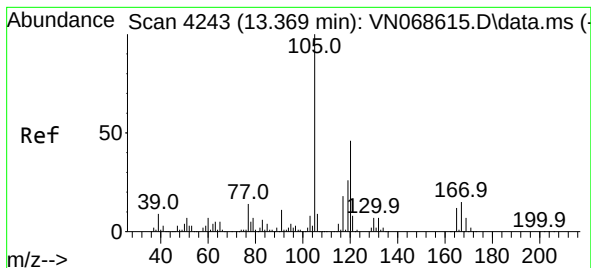
Tgt Ion: 91 Resp: 27308
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 119 Resp: 7628
Ion Ratio Lower Upper
119 100
91 79.2 39.5 118.5
134 22.9 12.0 36.0





#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

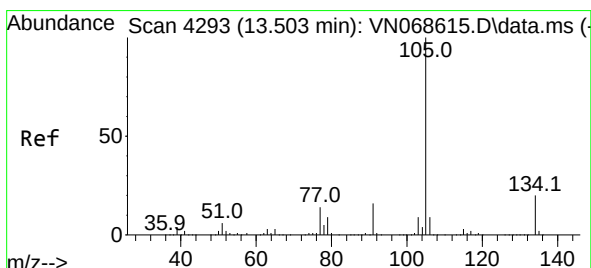
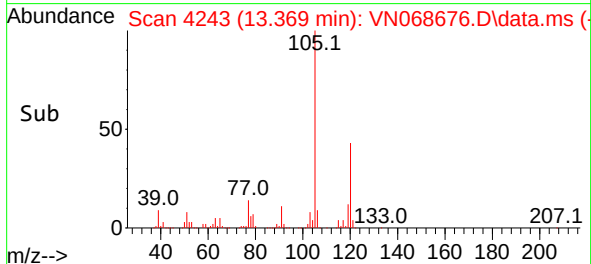
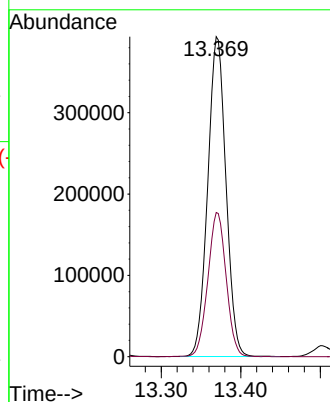
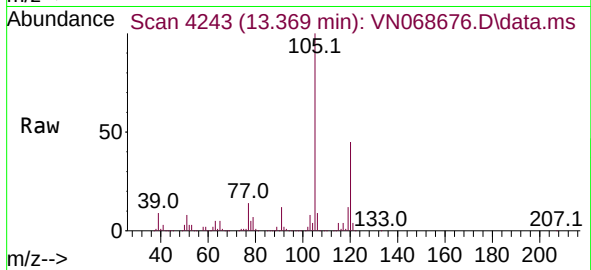
Acq: 25 Sep 2021 18:50

Tgt Ion:105 Resp: 625434

Ion Ratio Lower Upper

105 100

120 45.3 20.6 61.8



#85

sec-Butylbenzene

Concen: 0.790 ug/l

RT: 13.500 min Scan# 4292

Delta R.T. -0.003 min

Lab File: VN068676.D

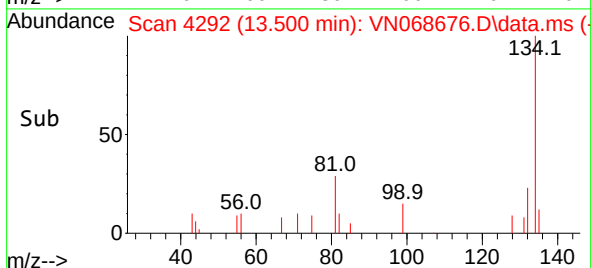
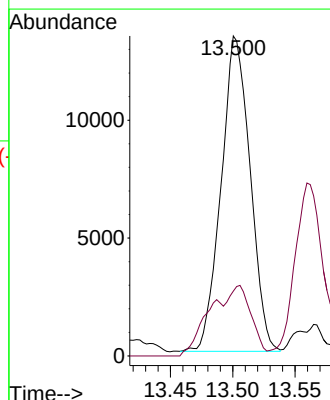
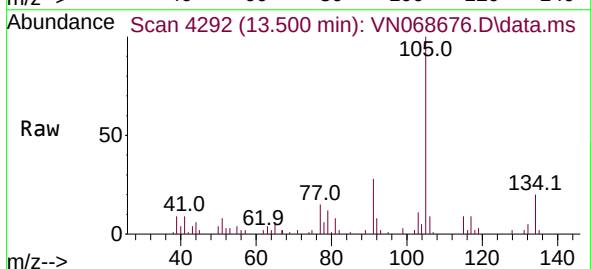
Acq: 25 Sep 2021 18:50

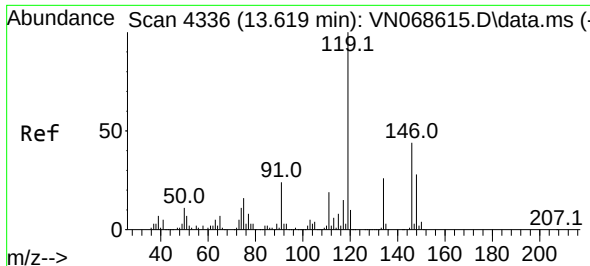
Tgt Ion:105 Resp: 21672

Ion Ratio Lower Upper

105 100

134 15.8 9.0 27.1

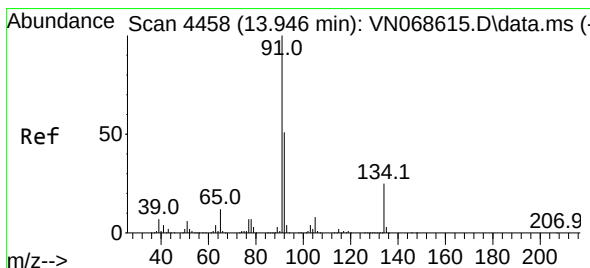
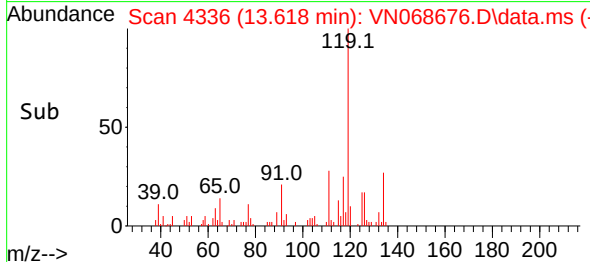
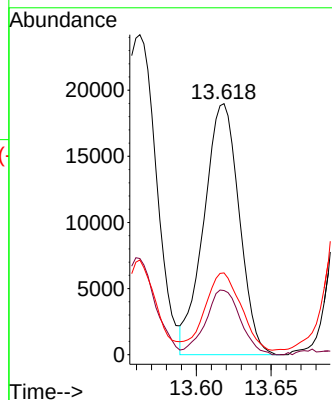
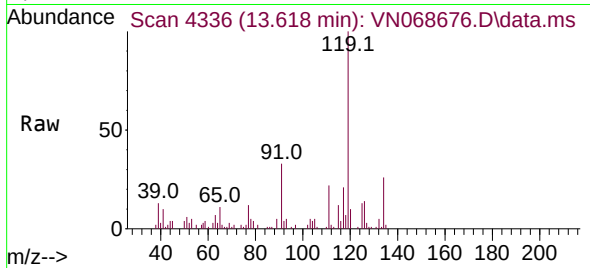




#86
p-Isopropyltoluene
Concen: 1.424 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

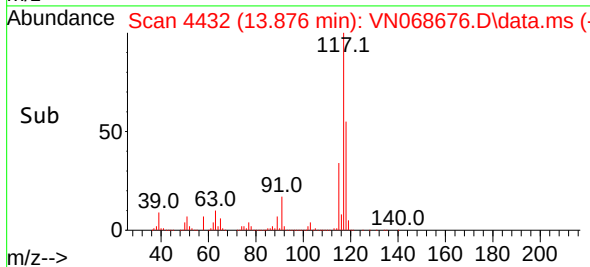
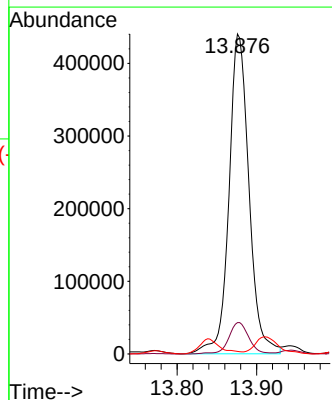
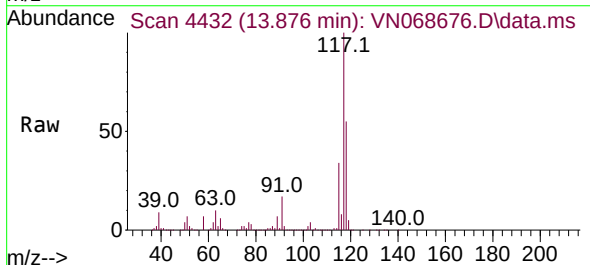
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

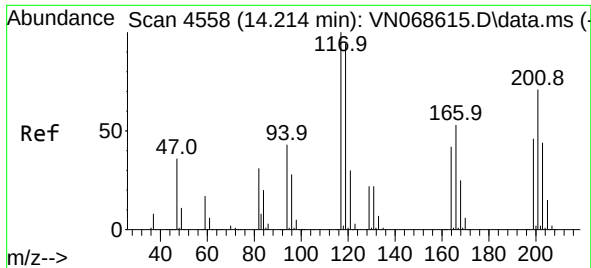
Tgt Ion:119 Resp: 31255
Ion Ratio Lower Upper
119 100
134 25.4 12.4 37.4
91 0.0 14.8 44.3#



#89
n-Butylbenzene
Concen: 40.353 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.070 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Tgt Ion: 91 Resp: 768664
Ion Ratio Lower Upper
91 100
92 9.8 25.7 77.1#
134 0.0 11.2 33.6#

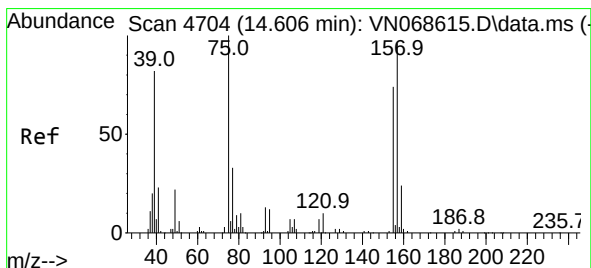
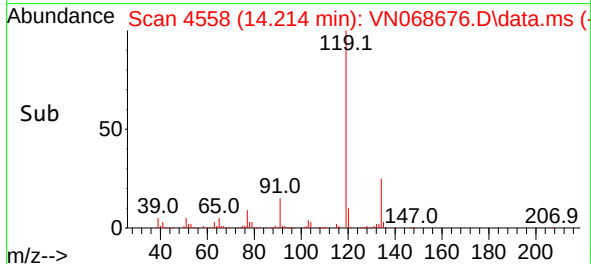
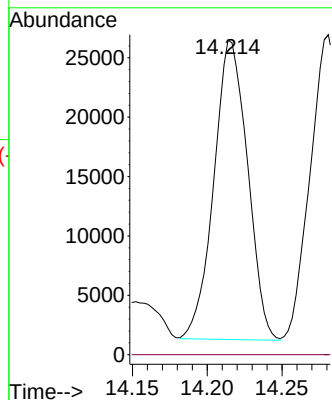
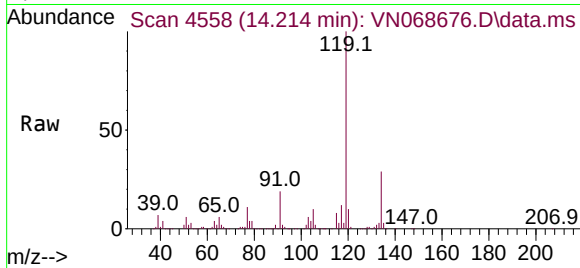




#90
Hexachloroethane
Concen: 9.120 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

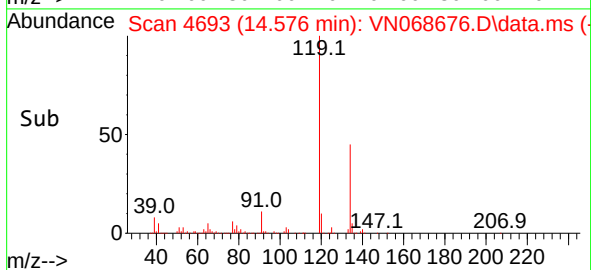
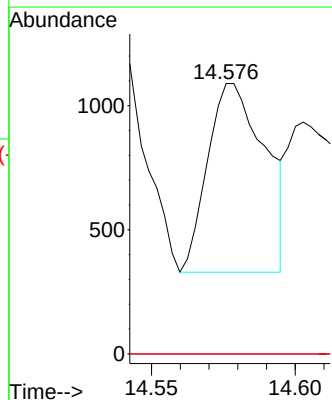
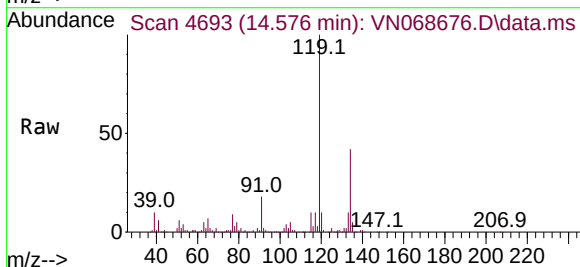
Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01

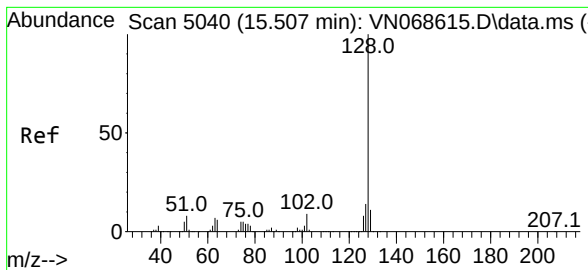
Tgt Ion:117 Resp: 39498
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.643 ug/l
RT: 14.576 min Scan# 4693
Delta R.T. -0.030 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

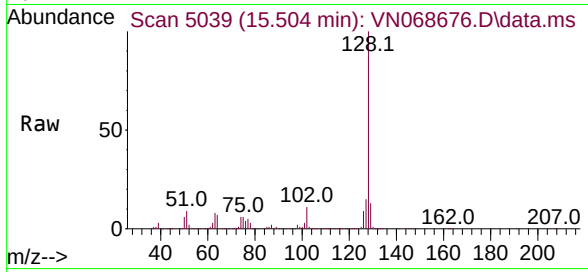
Tgt Ion: 75 Resp: 1055
Ion Ratio Lower Upper
75 100
155 0.0 29.8 89.5#
157 0.0 37.6 112.8#





#95
Naphthalene
Concen: 1084.629 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068676.D
Acq: 25 Sep 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :
SP-LPA-01



Tgt Ion:128 Resp:16975165

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.6	15.8
129	11.7	8.6	12.8

