

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068503.D
 Acq On : 16 Sep 2021 18:45
 Operator : JC/MD
 Sample : M3759-11DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31208DL

Quant Time: Sep 17 02:02:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	721670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	948550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	805049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	334896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	289399	43.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.440%		
35) Dibromofluoromethane	8.024	113	287005	50.167	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.340%		
50) Toluene-d8	10.443	98	1060264	51.020	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.040%		
62) 4-Bromofluorobenzene	12.733	95	308575	46.404	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.800%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.883	94	2291	0.264	ug/l	83
11) Tert butyl alcohol	5.369	59	339	Below Cal	#	53
13) Acrolein	4.071	56	157942	321.302	ug/l	92
14) Allyl chloride	4.792	41	219564	30.487	ug/l	# 32
16) Acetone	4.288	43	324147	147.970	ug/l	# 1
18) Methyl Acetate	4.857	43	354	Below Cal	#	1
20) Methylene Chloride	5.095	84	2399	Below Cal	#	85
22) Diisopropyl ether	6.576	45	66021	4.234	ug/l	# 1
23) Vinyl Acetate	6.576	43	176744	15.165	ug/l	# 67
25) 2-Butanone	7.348	43	14236	4.425	ug/l	89
31) Cyclohexane	8.083	56	10489	1.046	ug/l	# 14
36) 1,1-Dichloropropene	8.086	75	38649	4.887	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	60896	6.428	ug/l	# 16
40) Benzene	8.458	78	13197	0.564	ug/l	97
48) Methyl methacrylate	9.496	41	3160	0.713	ug/l	# 9
49) 1,4-Dioxane	9.571	88	249	2.449	ug/l	# 30
51) 4-Methyl-2-Pentanone	10.333	43	13495	2.227	ug/l	99
52) Toluene	10.507	92	820994	52.860	ug/l	100
55) 1,1,2-Trichloroethane	10.878	97	3525	0.572	ug/l	# 24
56) Ethyl methacrylate	10.768	69	2582	0.337	ug/l	# 48
59) 2-Hexanone	11.087	43	10711	2.640	ug/l	95
67) Ethyl Benzene	11.846	91	82079	3.032	ug/l	96
68) m/p-Xylenes	11.953	106	146259	13.419	ug/l	98
69) o-Xylene	12.283	106	51183	4.820	ug/l	97
70) Styrene	12.294	104	16223	1.008	ug/l	# 53
73) Isopropylbenzene	12.578	105	8688	0.365	ug/l	98
74) N-amyl acetate	12.390	43	7474	1.407	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.830	83	1656	0.248	ug/l	# 86
76) 1,2,3-Trichloropropane	12.733	75	149644	28.307	ug/l	# 1
77) Bromobenzene	12.865	156	1886	0.286	ug/l	84
78) n-propylbenzene	12.921	91	21101	0.839	ug/l	98
79) 2-Chlorotoluene	13.104	91	6243	0.403	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	28643	1.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.733	75	149644	99.028	ug/l	# 14
82) 4-Chlorotoluene	13.104	91	6243	0.417	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	53013	2.856	ug/l	97

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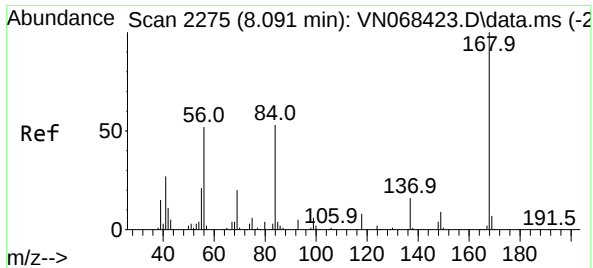
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

85) sec-Butylbenzene	13.503	105	7331	0.315	ug/l	97
86) p-Isopropyltoluene	13.619	119	8182	0.416	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	5962	0.521	ug/l	95
88) 1,4-Dichlorobenzene	13.619	146	5962	0.529	ug/l	95
89) n-Butylbenzene	13.943	91	13628	0.951	ug/l	100
91) 1,2-Dichlorobenzene	13.994	146	6609	0.599	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1054	0.994	ug/l	86
93) 1,2,4-Trichlorobenzene	15.265	180	10819	2.148	ug/l	96
94) Hexachlorobutadiene	15.375	225	1643	0.505	ug/l	96
95) Naphthalene	15.512	128	42450	6.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	12112	2.519	ug/l	94

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

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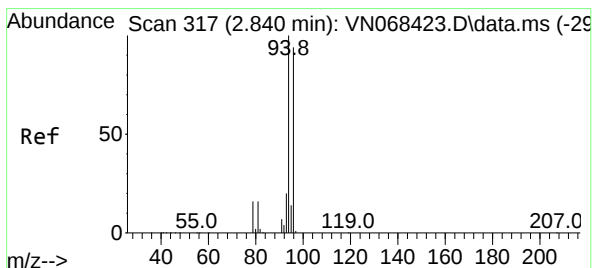
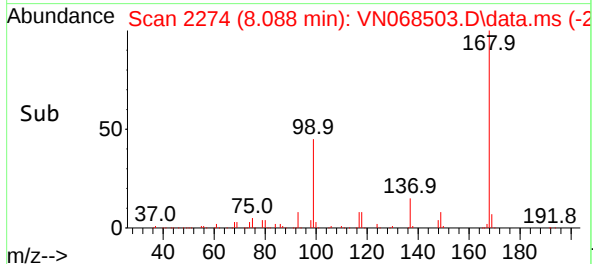
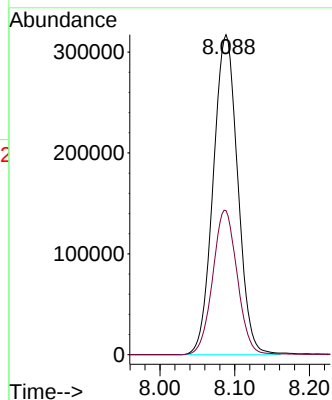
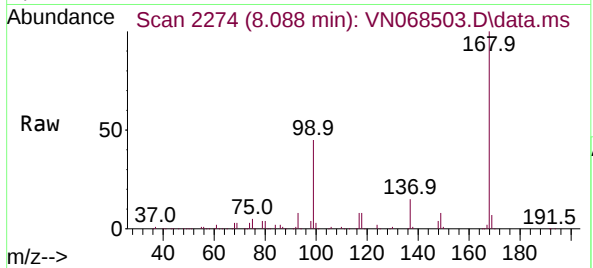




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

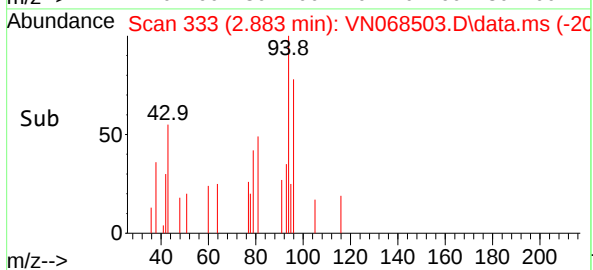
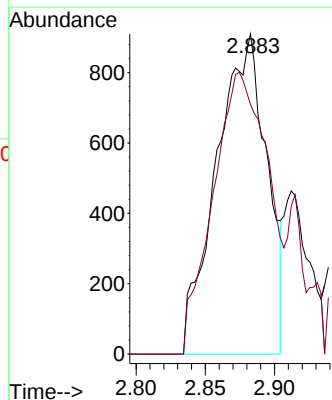
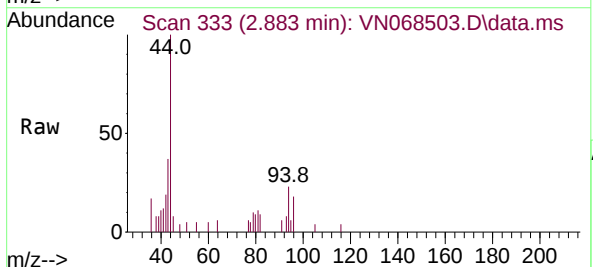
Instrument :
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ClientSampleId :
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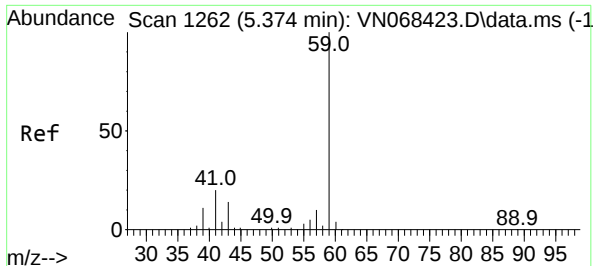
Tgt Ion:168 Resp: 721670
Ion Ratio Lower Upper
168 100
99 45.1 38.2 57.4



#5
Bromomethane
Concen: 0.264 ug/l
RT: 2.883 min Scan# 333
Delta R.T. 0.043 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 94 Resp: 2291
Ion Ratio Lower Upper
94 100
96 78.0 75.4 113.0



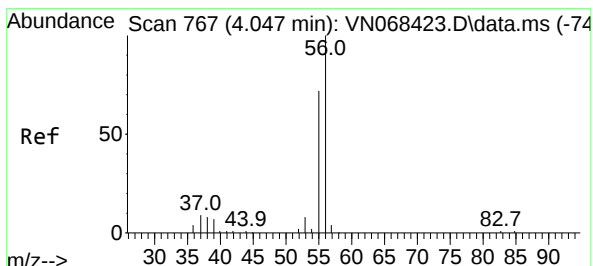
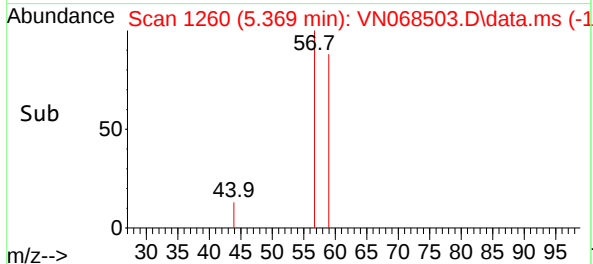
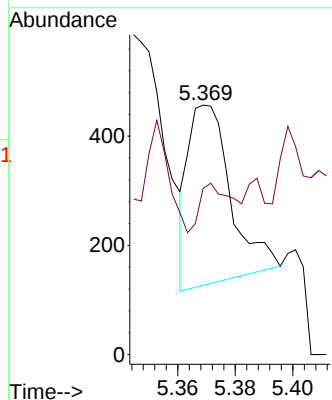
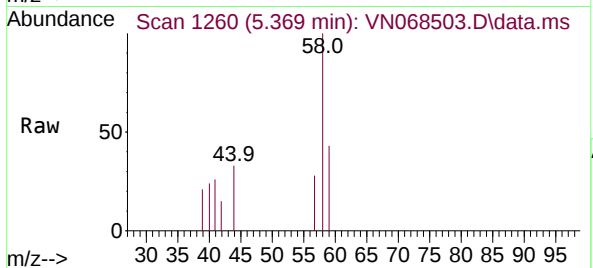


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.369 min Scan# 1260
Delta R.T. -0.005 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Instrument :
MSVOA_N
ClientSampled :
31208DL

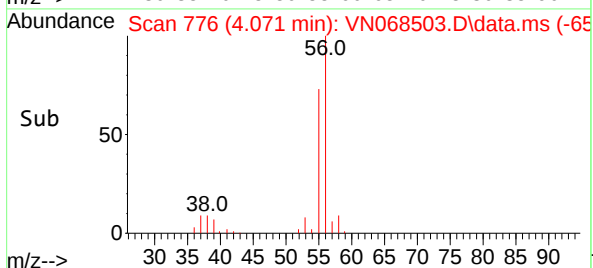
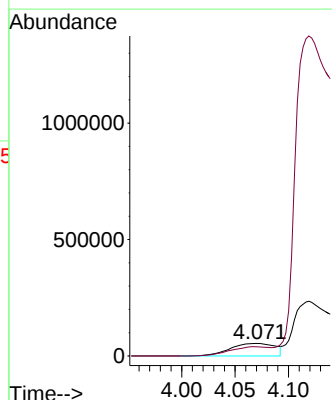
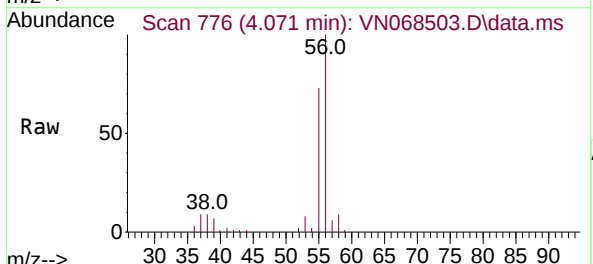
Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 20.9 4.3 6.5#

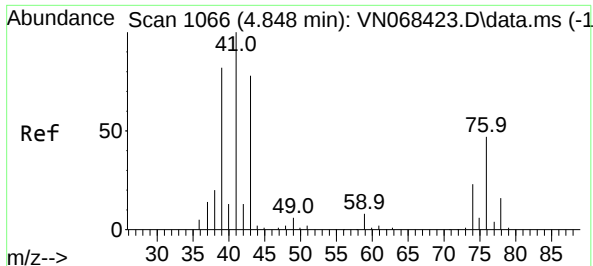


#13

Acrolein
Concen: 321.302 ug/l
RT: 4.071 min Scan# 776
Delta R.T. 0.024 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 56 Resp: 157942
Ion Ratio Lower Upper
56 100
55 64.5 56.8 85.2

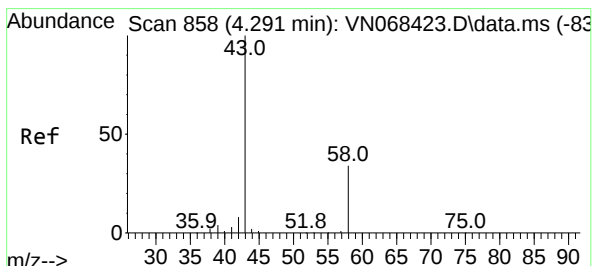
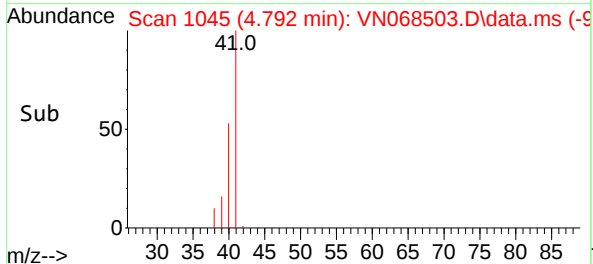
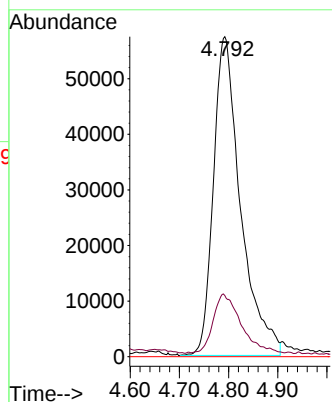
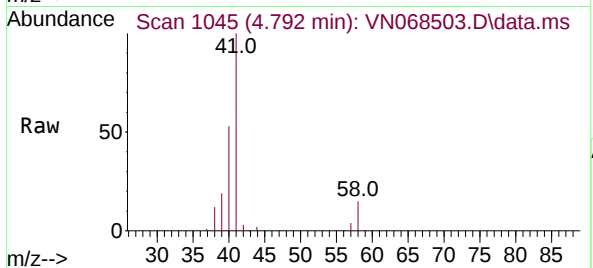




#14
Allyl chloride
Concen: 30.487 ug/l
RT: 4.792 min Scan# 1045
Delta R.T. -0.056 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

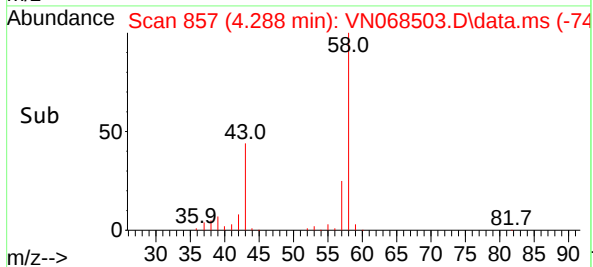
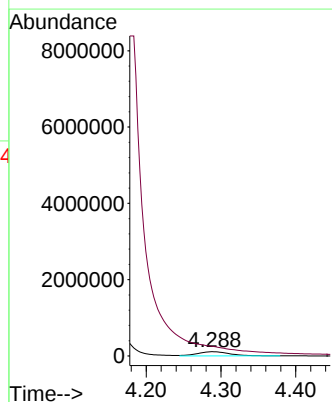
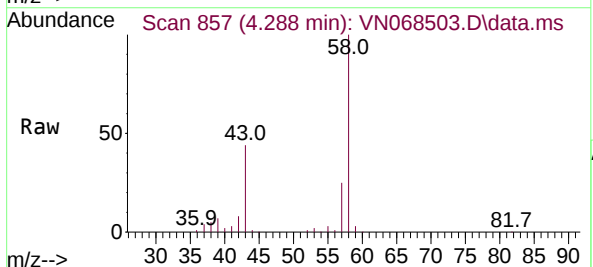
Instrument :
MSVOA_N
ClientSampled :
31208DL

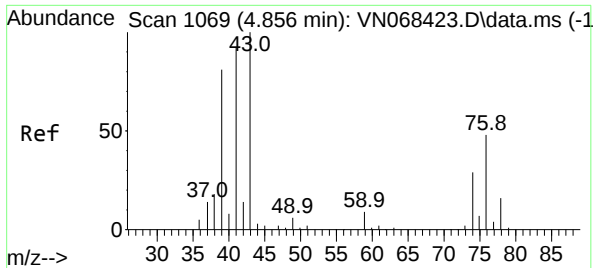
Tgt Ion: 41 Resp: 219564
Ion Ratio Lower Upper
41 100
39 18.2 62.0 93.0#
76 0.0 34.6 52.0#



#16
Acetone
Concen: 147.970 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 43 Resp: 324147
Ion Ratio Lower Upper
43 100
58 161.0 27.0 40.6#

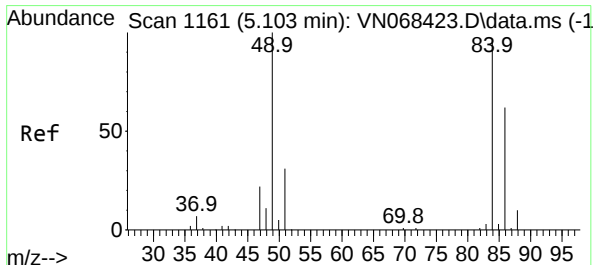
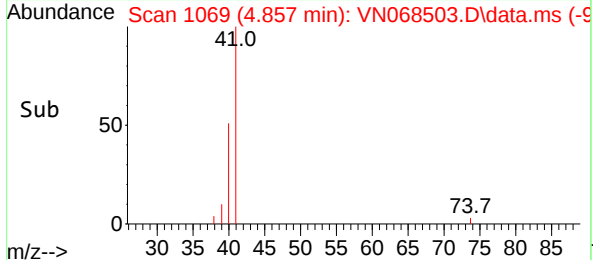
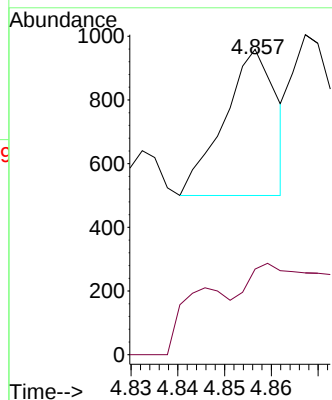
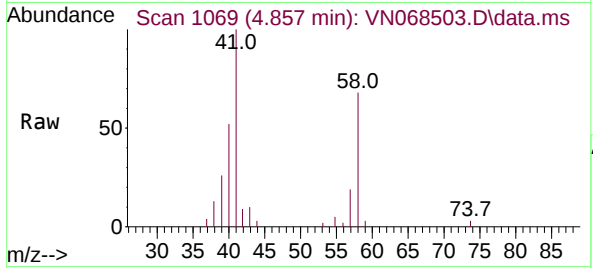




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 1069
Delta R.T. 0.001 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

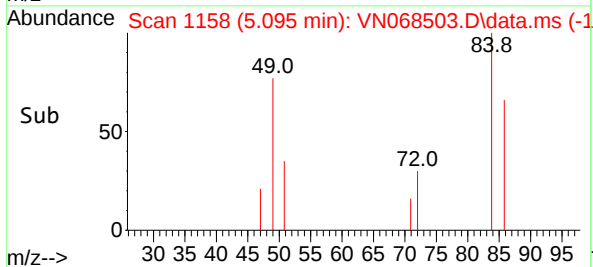
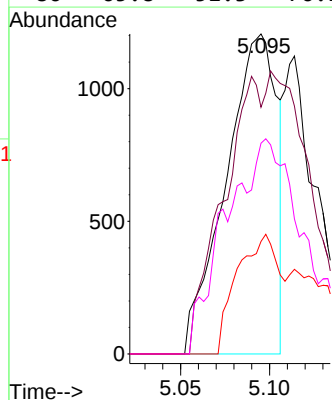
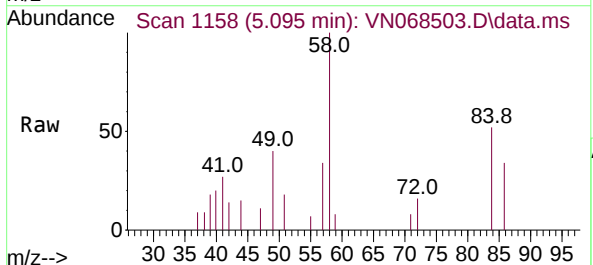
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MSVOA_N
ClientSampled :
31208DL

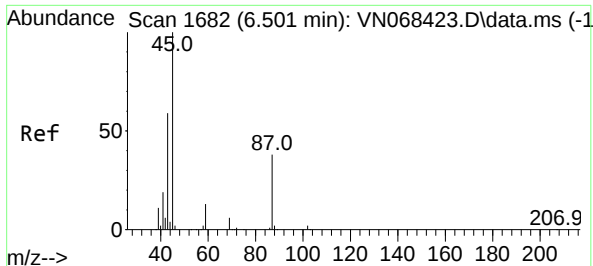
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
74 126.0 23.5 35.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. -0.008 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

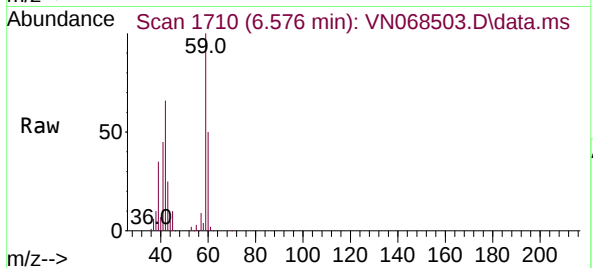
Tgt Ion: 84 Resp: 2399
Ion Ratio Lower Upper
84 100
49 77.1 83.0 124.6#
51 35.2 25.4 38.0
86 65.8 51.3 76.9



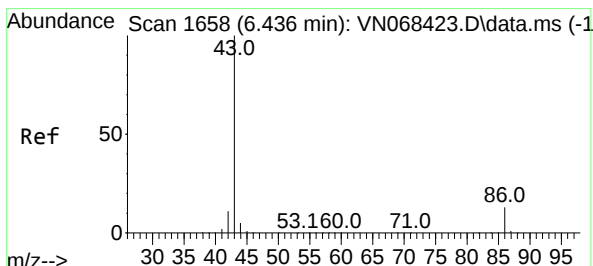
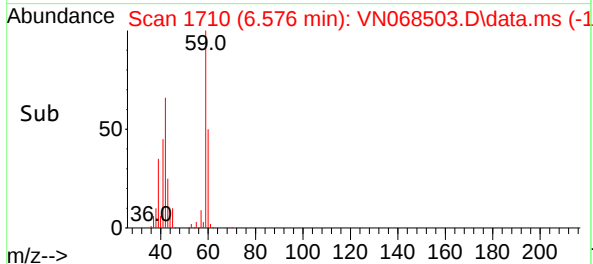
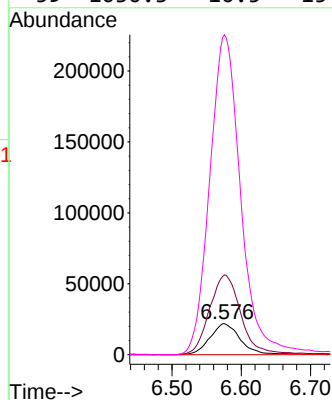


#22
Diisopropyl ether
Concen: 4.234 ug/l
RT: 6.576 min Scan# 1710
Delta R.T. 0.075 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Instrument :
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ClientSampled :
31208DL

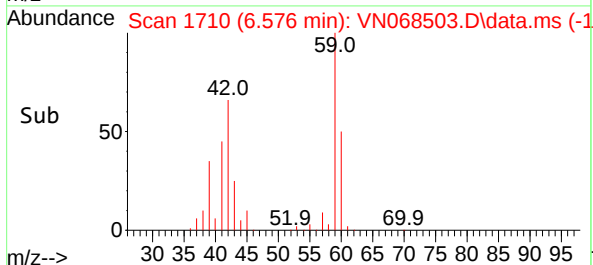
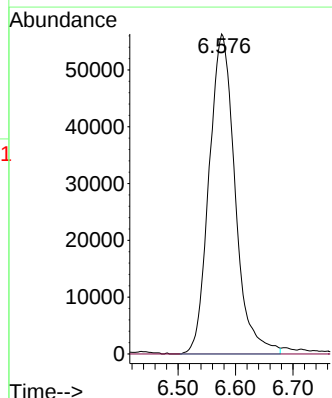
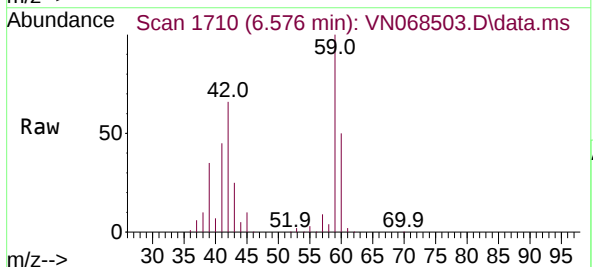


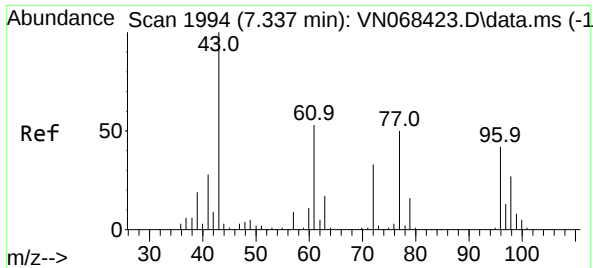
Tgt Ion:	45	Resp:	66021
Ion Ratio	100	Lower	Upper
43	256.5	47.1	70.7#
87	0.0	30.9	46.3#
59	1030.3	10.5	15.7#



#23
Vinyl Acetate
Concen: 15.165 ug/l
RT: 6.576 min Scan# 1710
Delta R.T. 0.139 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:	43	Resp:	176744
Ion Ratio	100	Lower	Upper
86	0.0	10.7	16.1#

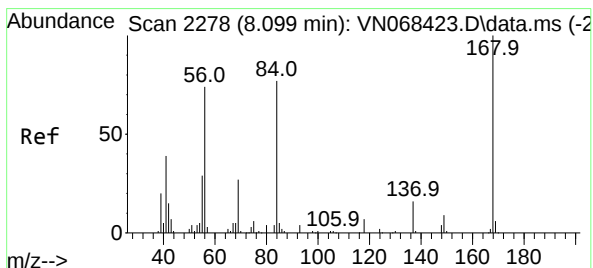
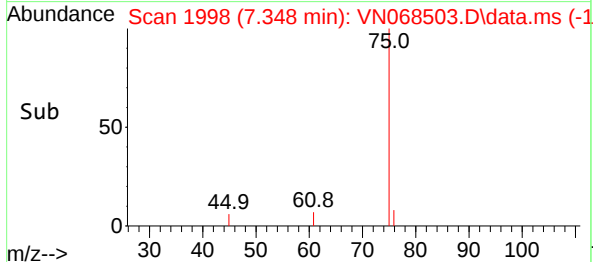
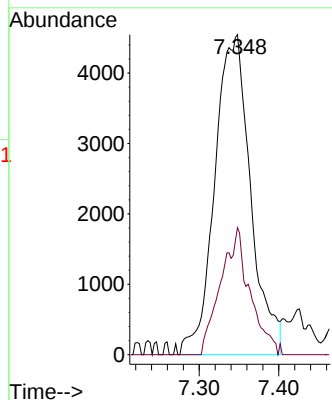
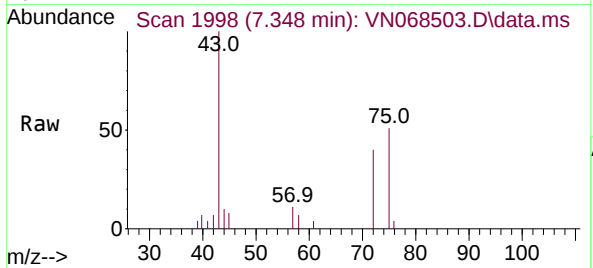




#25
2-Butanone
Concen: 4.425 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

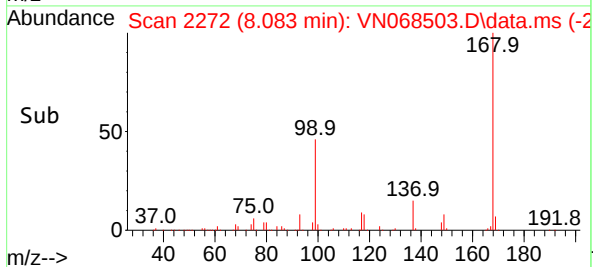
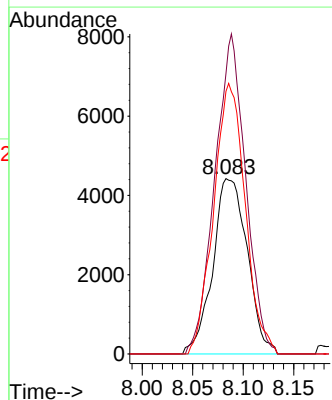
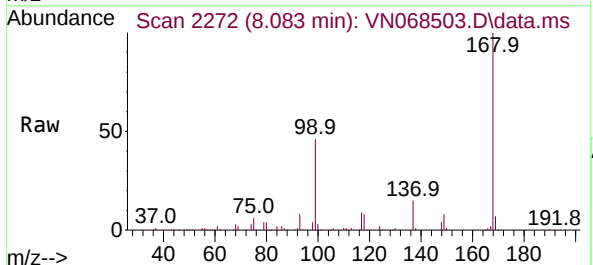
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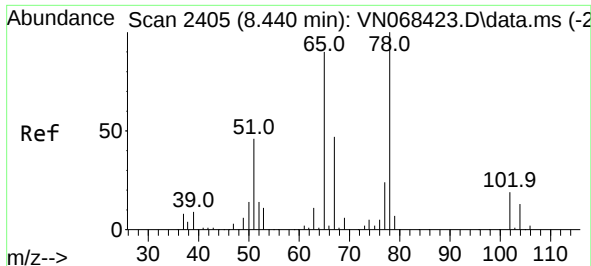
Tgt Ion: 43 Resp: 14236
Ion Ratio Lower Upper
43 100
72 39.7 26.7 40.1



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.016 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 56 Resp: 10489
Ion Ratio Lower Upper
56 100
69 159.8 29.4 44.0#
84 149.6 83.6 125.4#

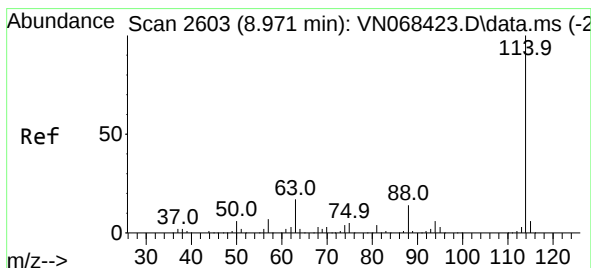
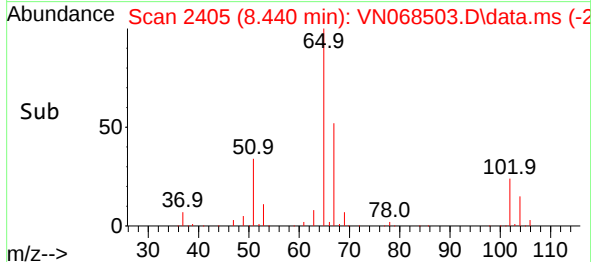
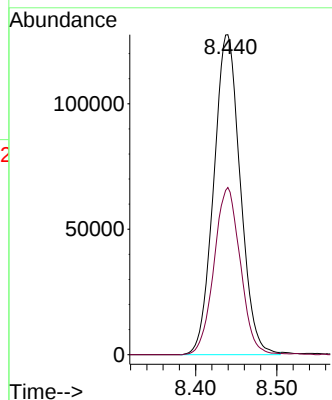
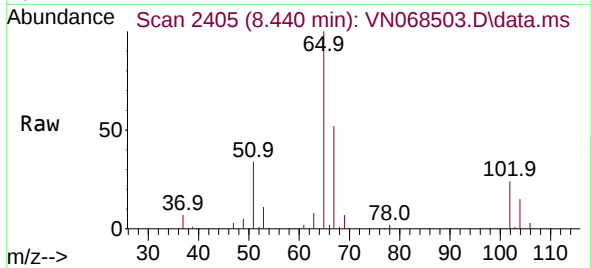




#33
1,2-Dichloroethane-d4
Concen: 43.717 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

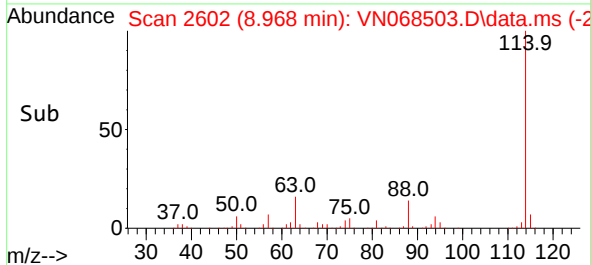
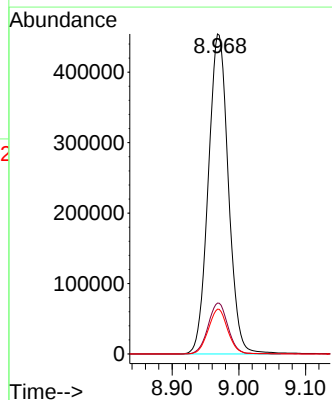
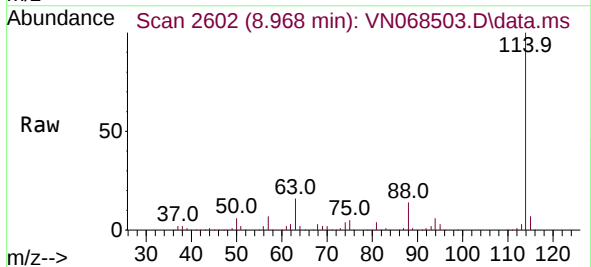
Instrument :
MSVOA_N
ClientSampled :
31208DL

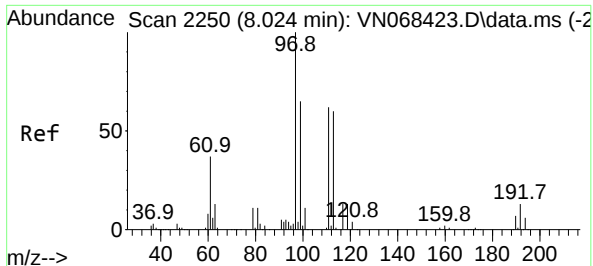
Tgt Ion: 65 Resp: 289399
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 114 Resp: 948550
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.2
88 14.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 50.167 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN068503.D

Acq: 16 Sep 2021 18:45

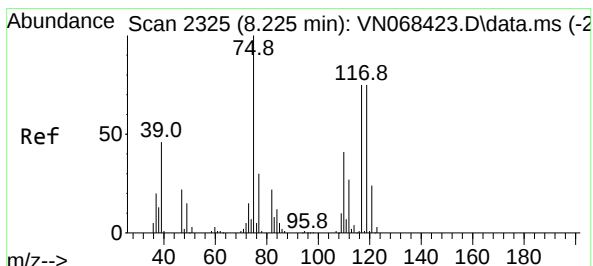
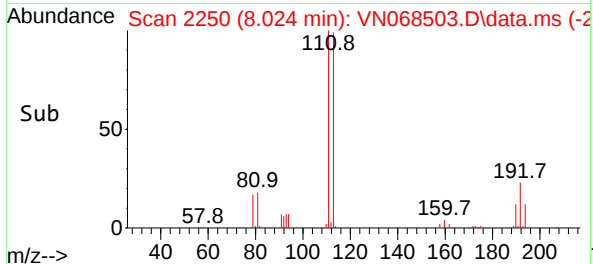
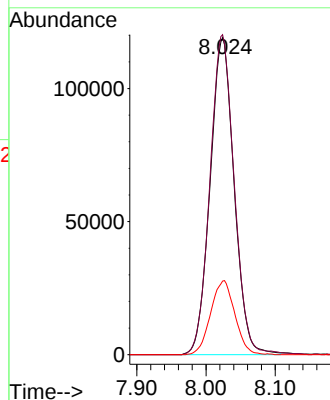
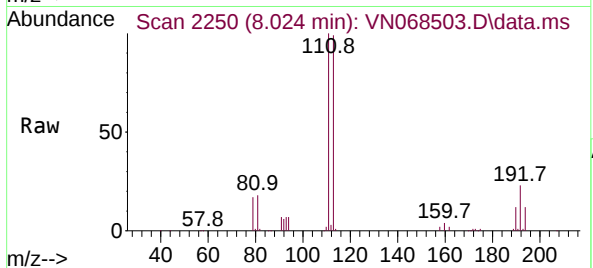
Tgt Ion:113 Resp: 287005

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 23.6 17.7 26.5



#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.139 min

Lab File: VN068503.D

Acq: 16 Sep 2021 18:45

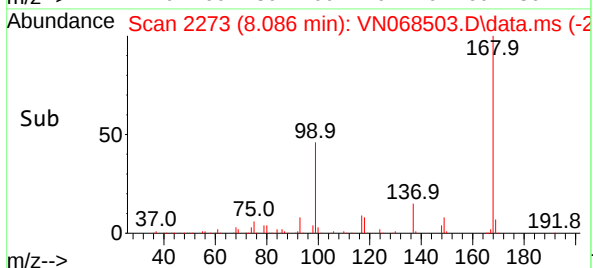
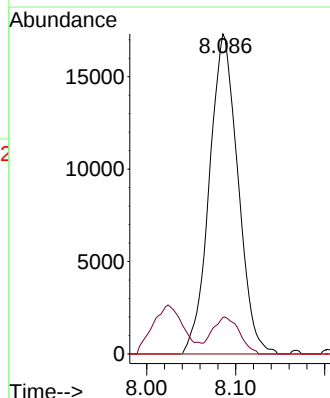
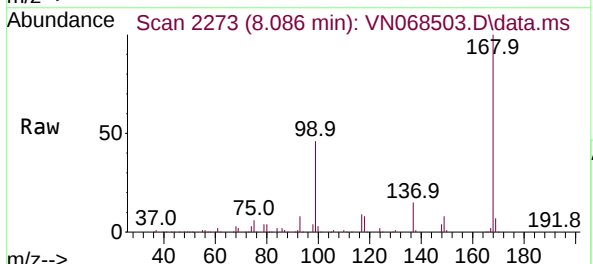
Tgt Ion: 75 Resp: 38649

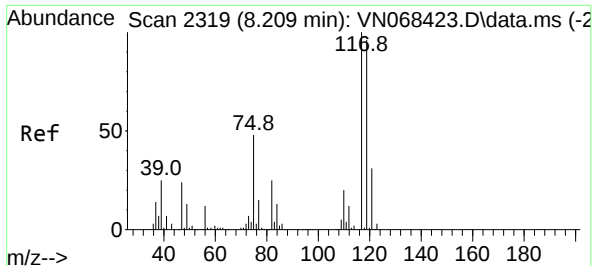
Ion Ratio Lower Upper

75 100

110 11.1 20.8 62.5#

77 0.0 25.0 37.6#

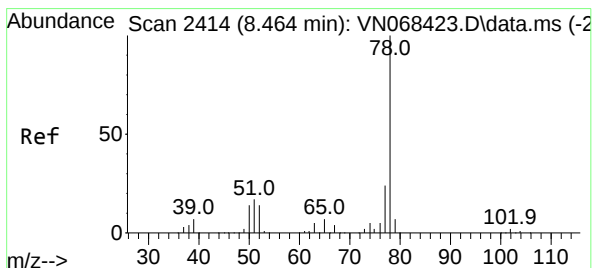
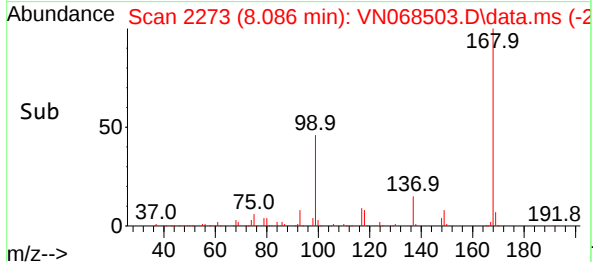
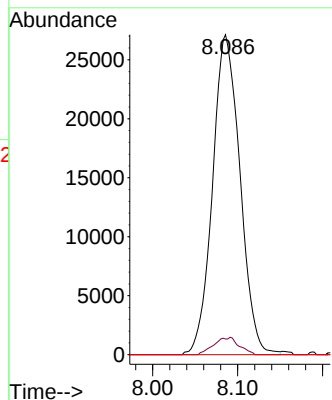
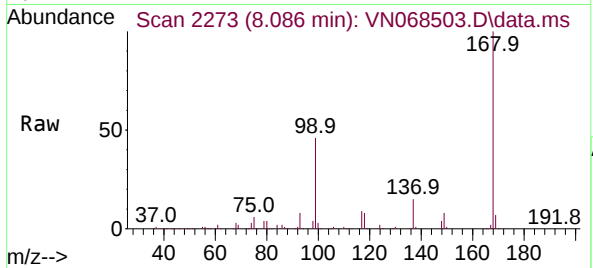




#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

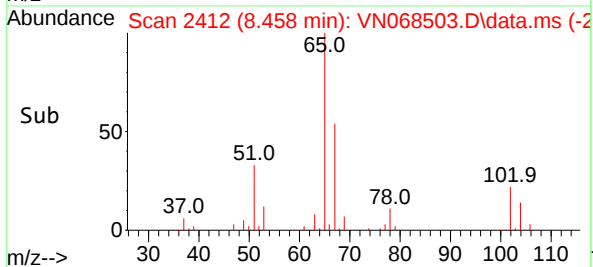
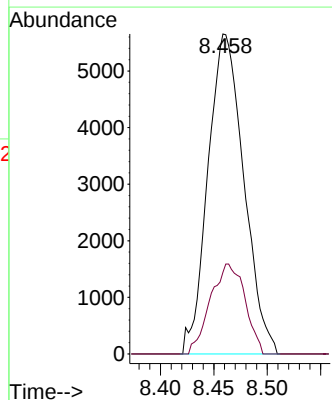
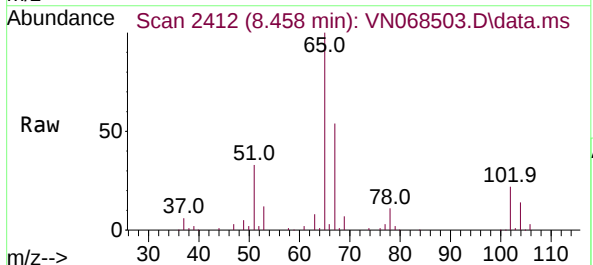
Instrument :
MSVOA_N
ClientSampled :
31208DL

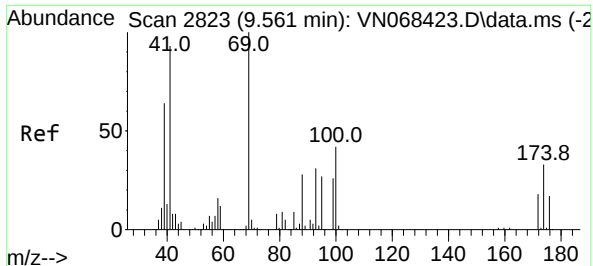
Tgt Ion:117 Resp: 60896
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 24.5 36.7#



#40
Benzene
Concen: 0.564 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.005 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 78 Resp: 13197
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9





#48

Methyl methacrylate

Concen: 0.713 ug/l

RT: 9.496 min Scan# 2799

Delta R.T. -0.064 min

Lab File: VN068503.D

Acq: 16 Sep 2021 18:45

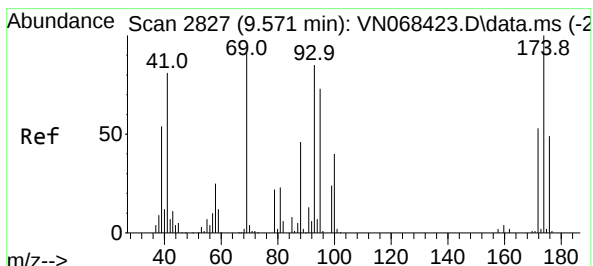
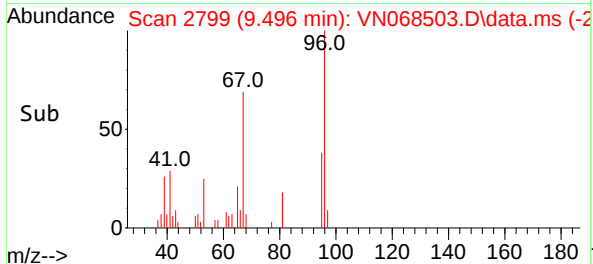
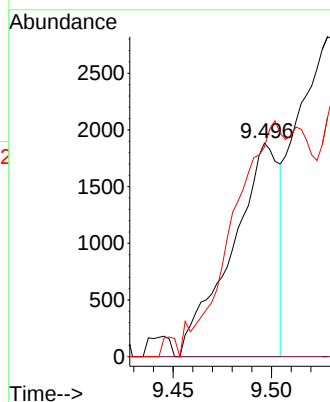
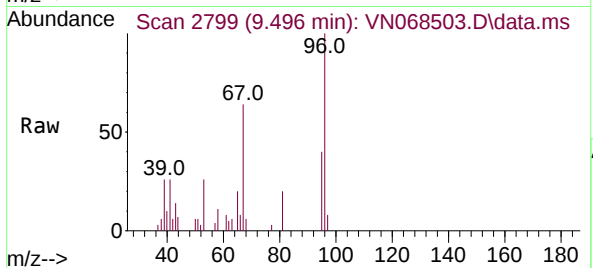
Instrument :

MSVOA_N

ClientSampleId :

31208DL

Tgt Ion:	41	Resp:	3160
Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.9	124.3#
39	120.2	50.3	75.5#



#49

1,4-Dioxane

Concen: 2.449 ug/l

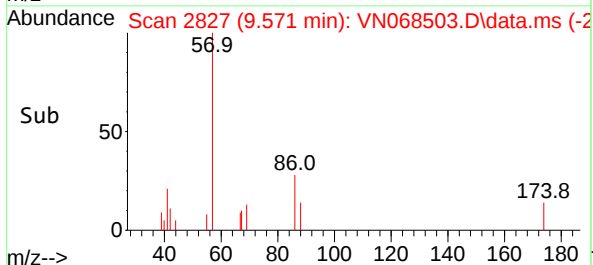
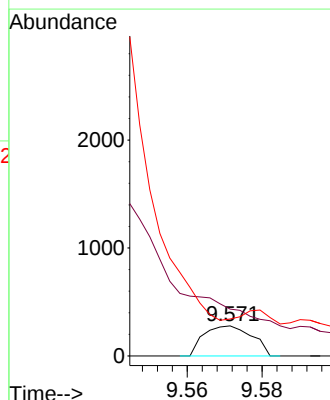
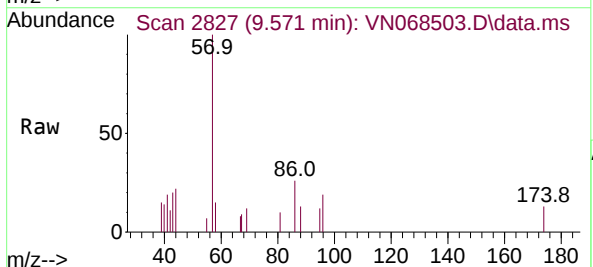
RT: 9.571 min Scan# 2827

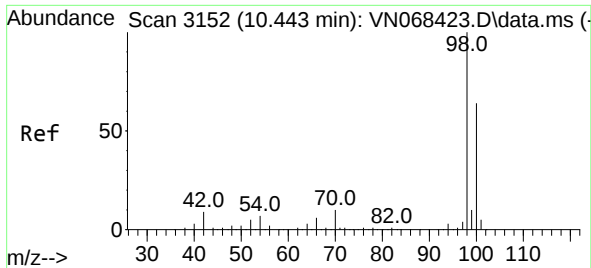
Delta R.T. 0.000 min

Lab File: VN068503.D

Acq: 16 Sep 2021 18:45

Tgt Ion:	88	Resp:	249
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.9	28.3#
58	0.0	46.6	69.8#

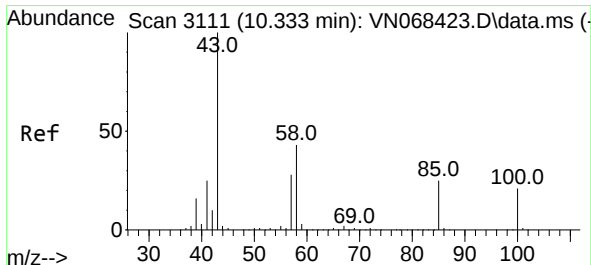
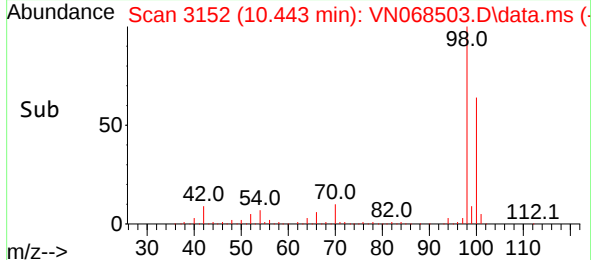
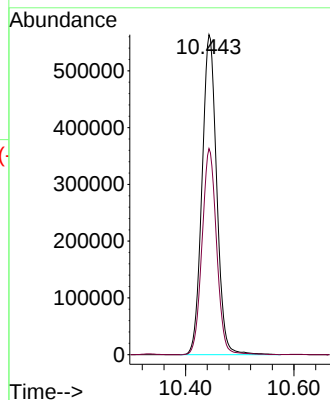
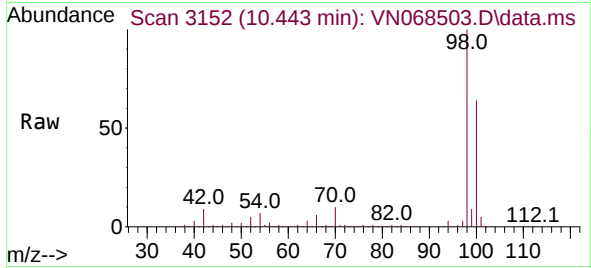




#50
Toluene-d8
Concen: 51.020 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

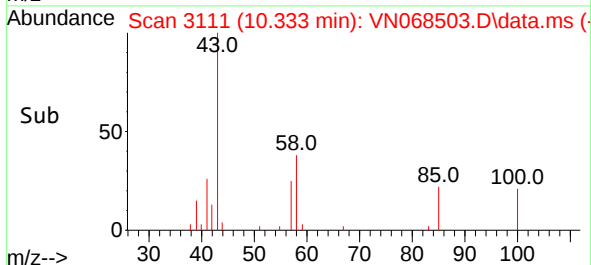
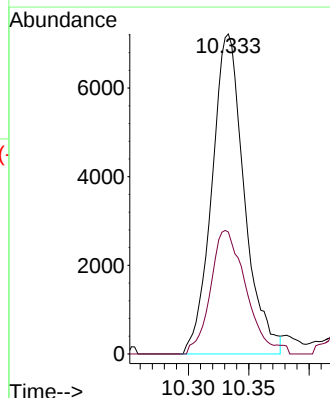
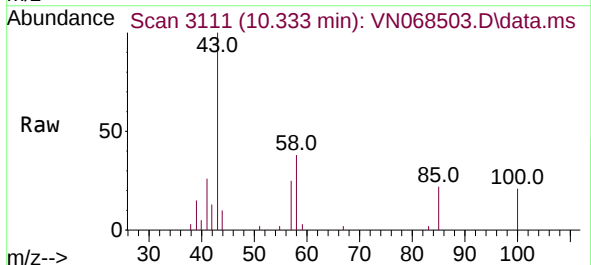
Instrument :
MSVOA_N
ClientSampled :
31208DL

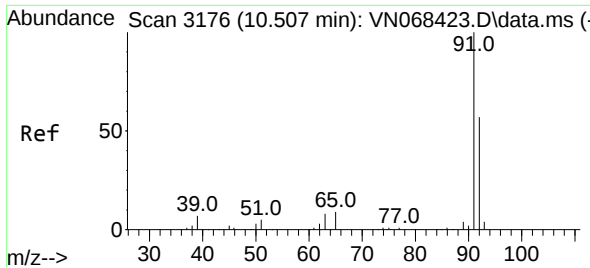
Tgt Ion: 98 Resp: 1060264
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 2.227 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 43 Resp: 13495
Ion Ratio Lower Upper
43 100
58 42.3 34.3 51.5

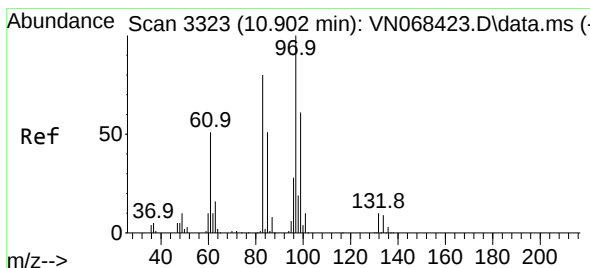
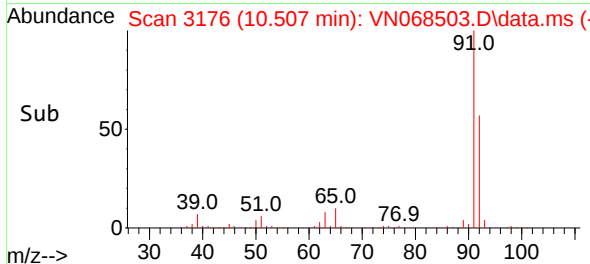
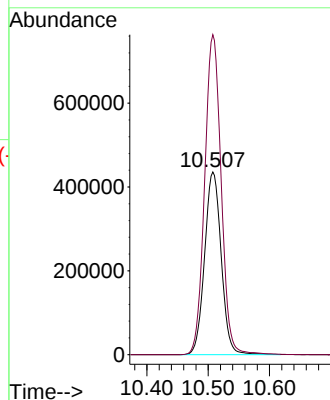
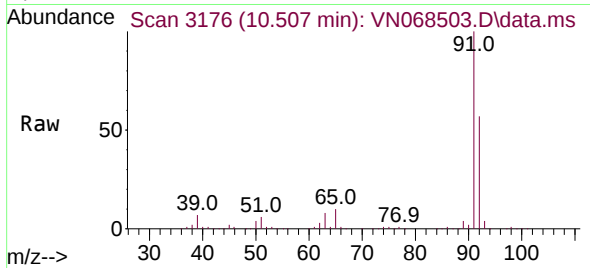




#52
Toluene
Concen: 52.860 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

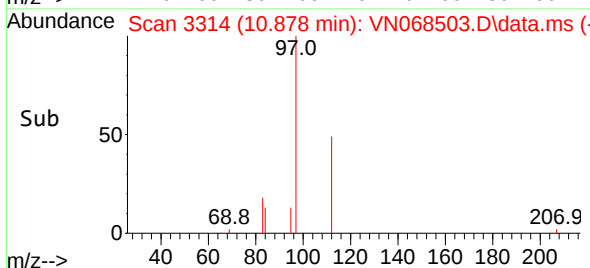
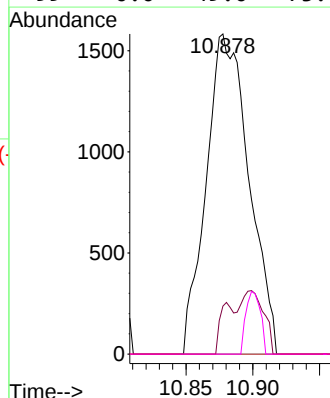
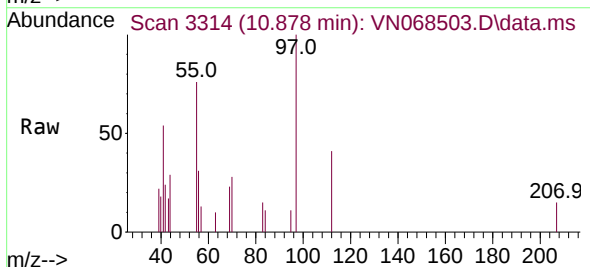
Instrument :
MSVOA_N
ClientSampleId :
31208DL

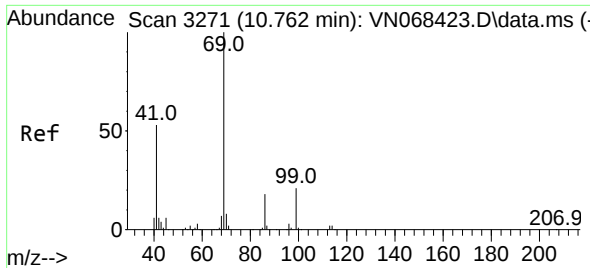
Tgt Ion: 92 Resp: 820994
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0



#55
1,1,2-Trichloroethane
Concen: 0.572 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.024 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 97 Resp: 3525
Ion Ratio Lower Upper
97 100
83 15.0 63.7 95.5#
85 0.0 40.7 61.1#
99 0.0 49.0 73.6#

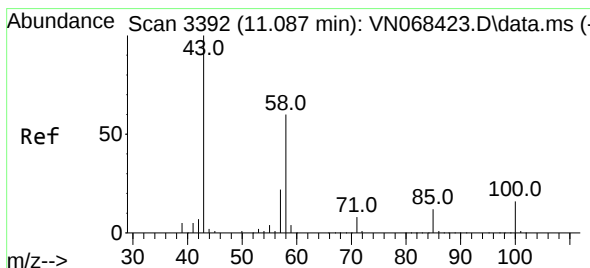
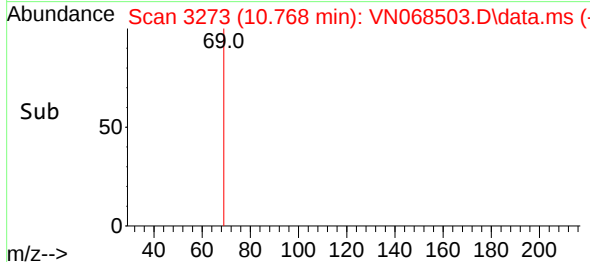
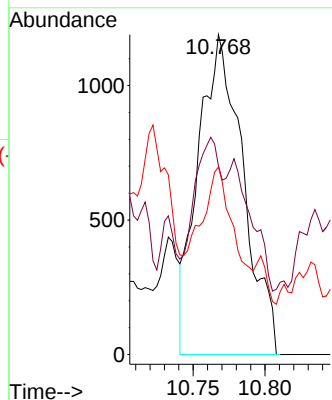
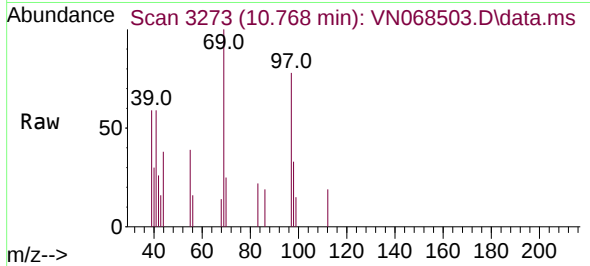




#56
Ethyl methacrylate
Concen: 0.337 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.005 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

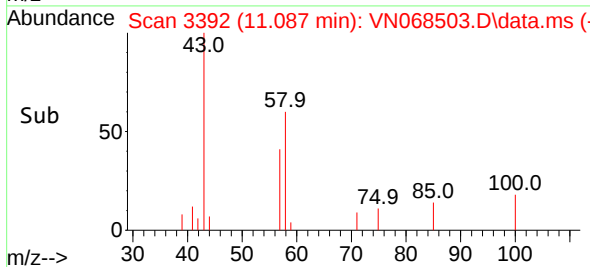
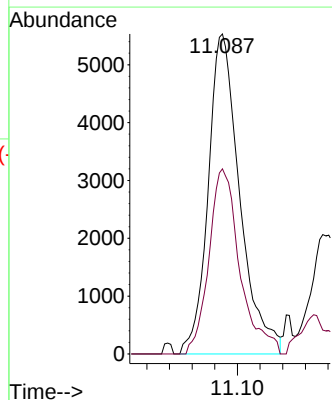
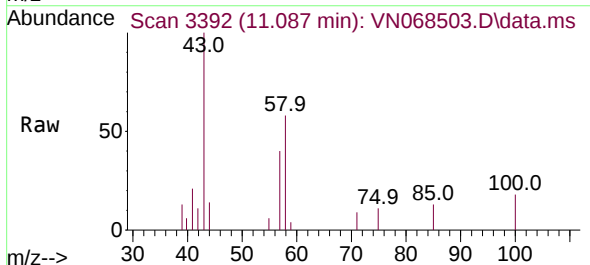
Instrument :
MSVOA_N
ClientSampleId :
31208DL

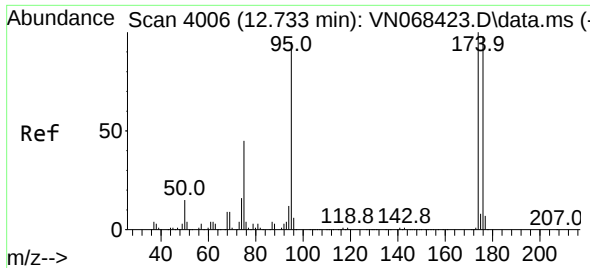
Tgt Ion: 69 Resp: 2582
Ion Ratio Lower Upper
69 100
41 20.2 42.4 63.6#
39 0.0 28.5 42.7#



#59
2-Hexanone
Concen: 2.640 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 56.5 30.0 90.1

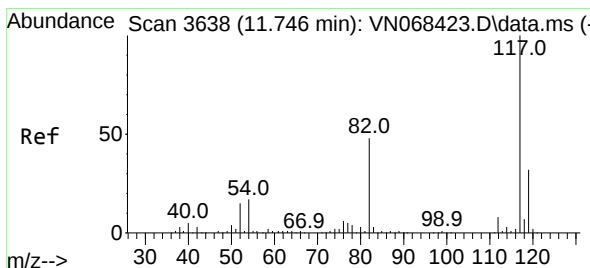
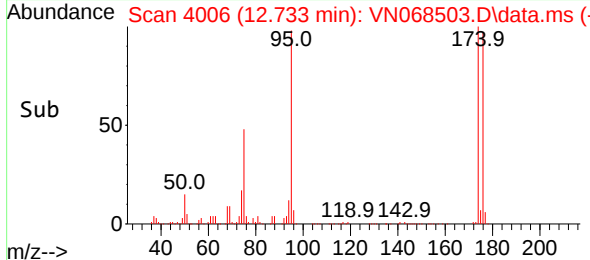
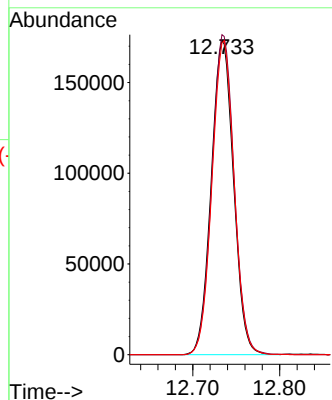
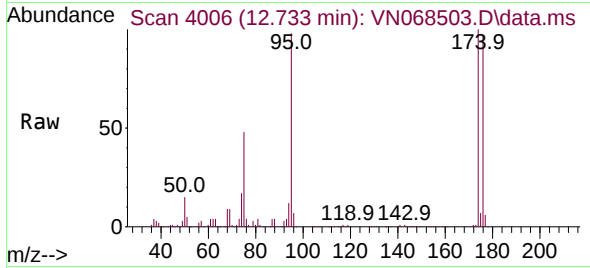




#62
4-Bromofluorobenzene
Concen: 46.404 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

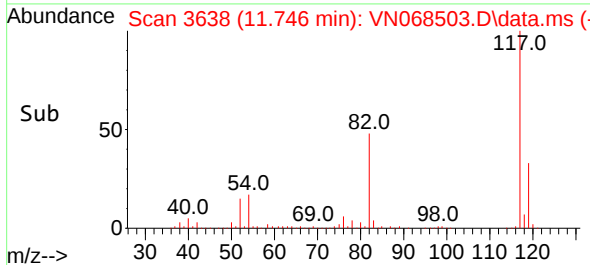
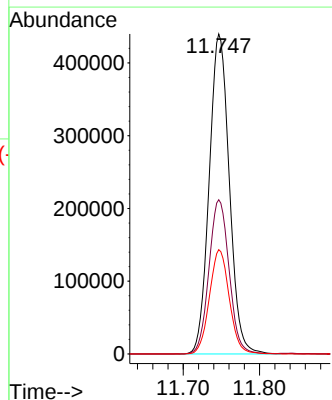
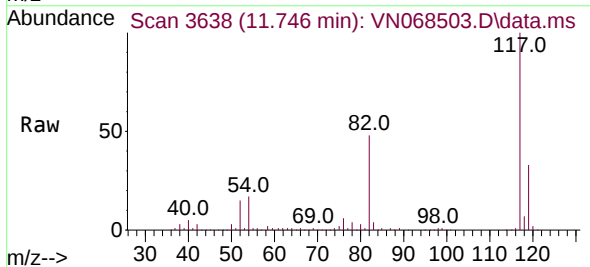
Instrument :
MSVOA_N
ClientSampleId :
31208DL

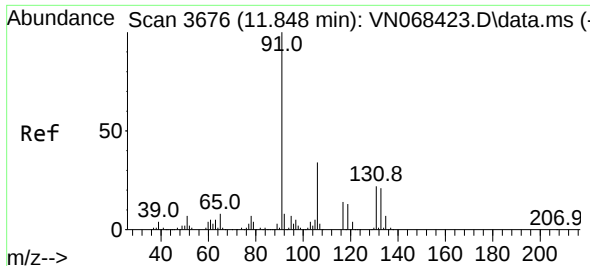
Tgt Ion: 95 Resp: 308575
Ion Ratio Lower Upper
95 100
174 102.0 0.0 214.0
176 99.0 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 117 Resp: 805049
Ion Ratio Lower Upper
117 100
82 48.2 38.7 58.1
119 32.6 25.5 38.3

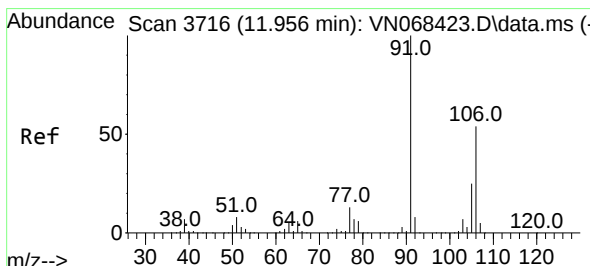
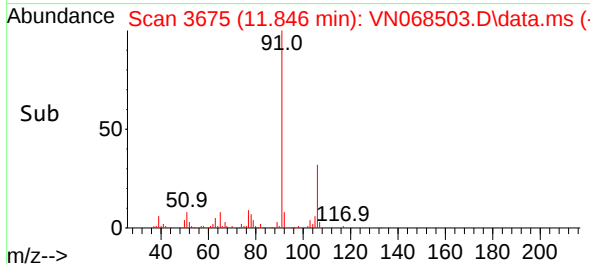
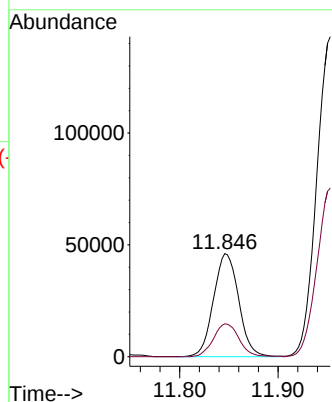
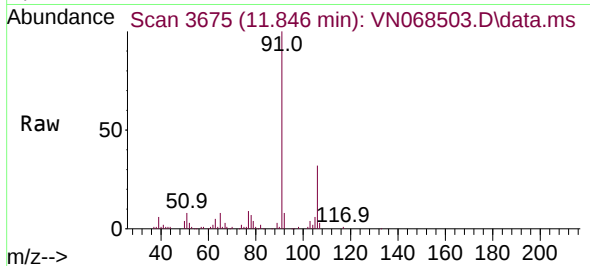




#67
Ethyl Benzene
Concen: 3.032 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

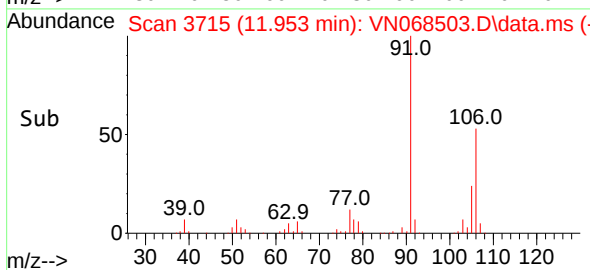
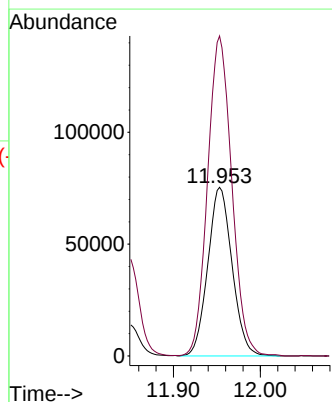
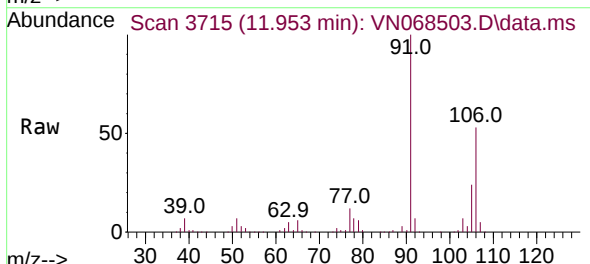
Instrument :
MSVOA_N
ClientSampled :
31208DL

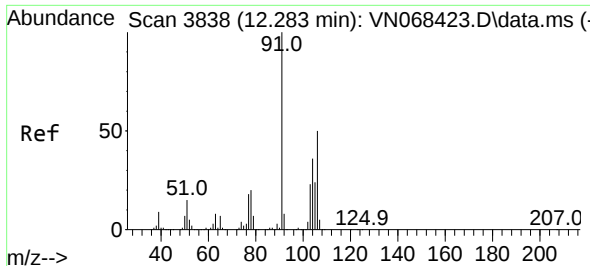
Tgt Ion: 91 Resp: 82079
Ion Ratio Lower Upper
91 100
106 31.8 27.1 40.7



#68
m/p-Xylenes
Concen: 13.419 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:106 Resp: 146259
Ion Ratio Lower Upper
106 100
91 189.4 149.5 224.3

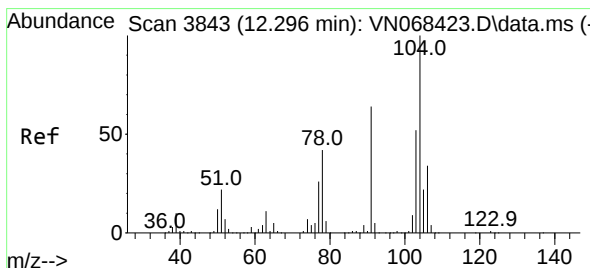
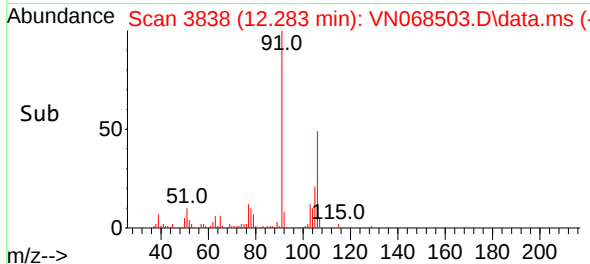
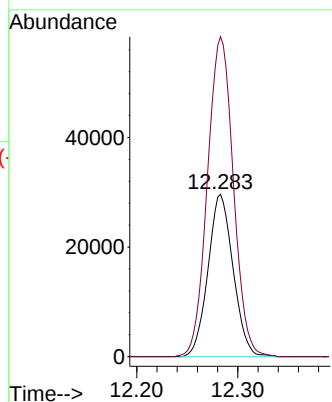
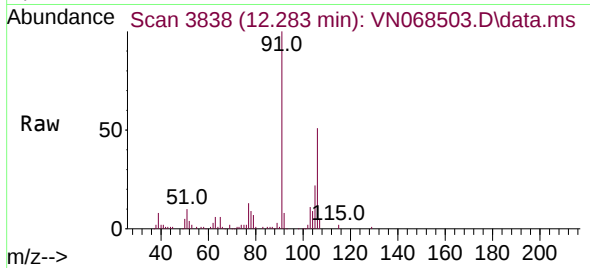




#69
o-Xylene
Concen: 4.820 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

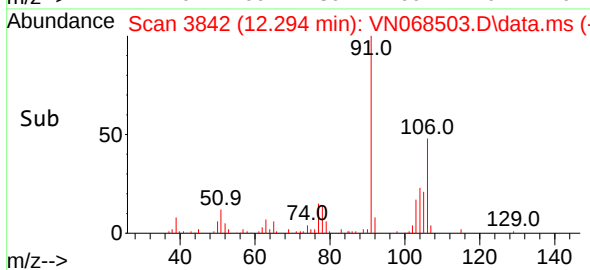
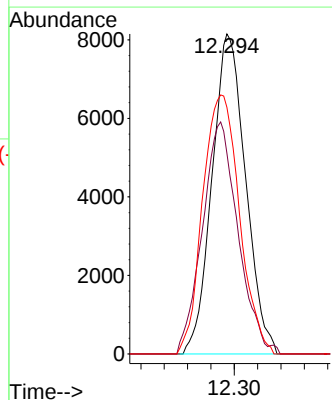
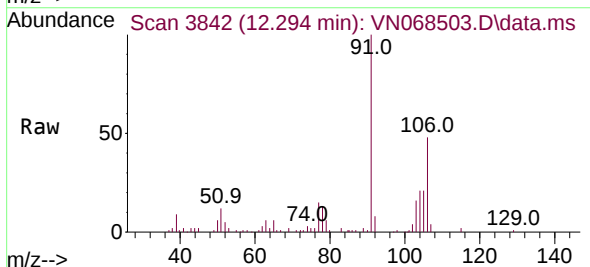
Instrument :
MSVOA_N
ClientSampled :
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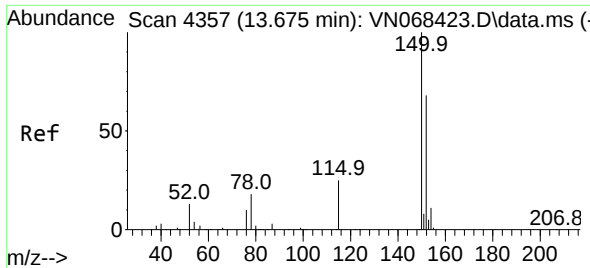
Tgt Ion:106 Resp: 51183
Ion Ratio Lower Upper
106 100
91 203.8 99.3 297.8



#70
Styrene
Concen: 1.008 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:104 Resp: 16223
Ion Ratio Lower Upper
104 100
78 77.1 36.2 54.2#
103 88.9 44.4 66.6#

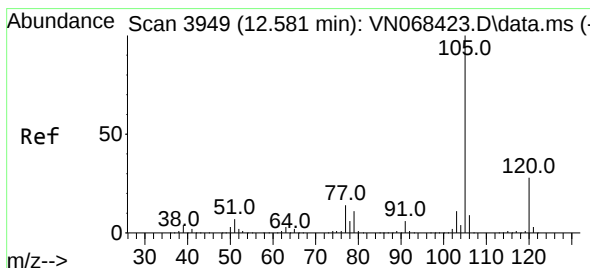
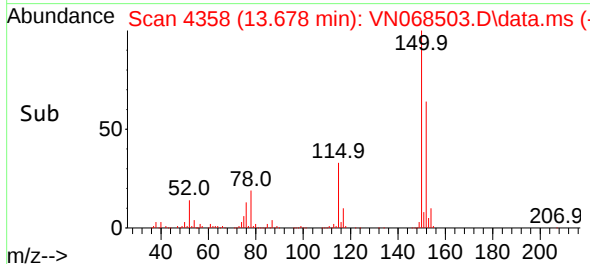
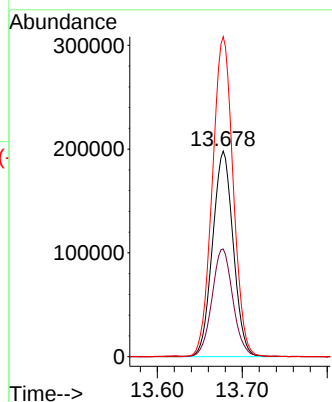
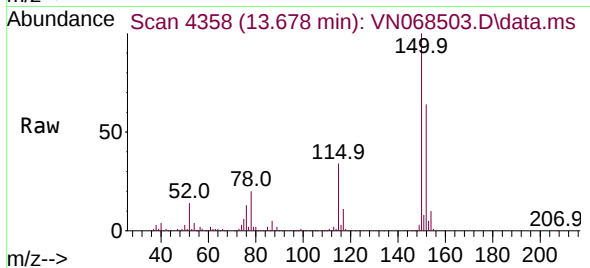




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

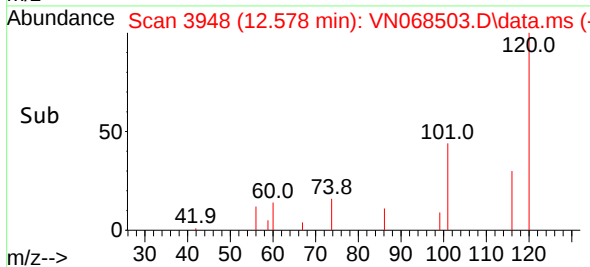
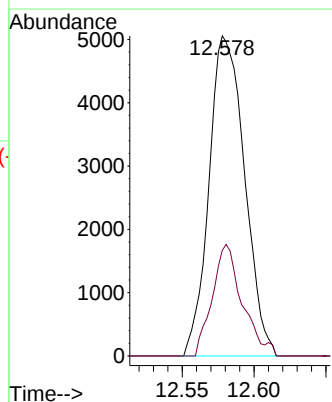
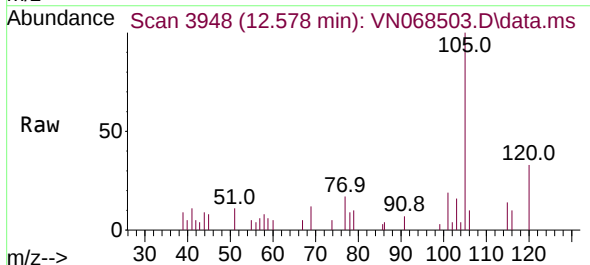
Instrument :
MSVOA_N
ClientSampled :
31208DL

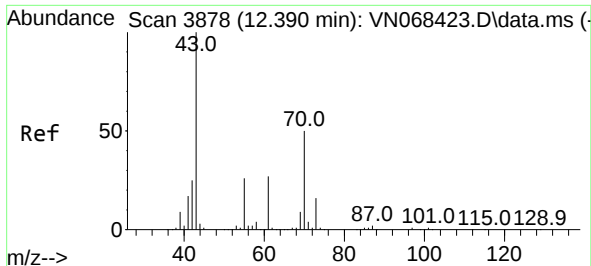
Tgt Ion:152 Resp: 334896
Ion Ratio Lower Upper
152 100
115 53.2 25.6 76.6
150 156.3 0.0 346.8



#73
Isopropylbenzene
Concen: 0.365 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:105 Resp: 8688
Ion Ratio Lower Upper
105 100
120 29.4 14.1 42.3

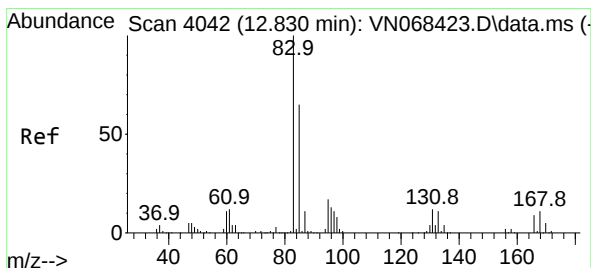
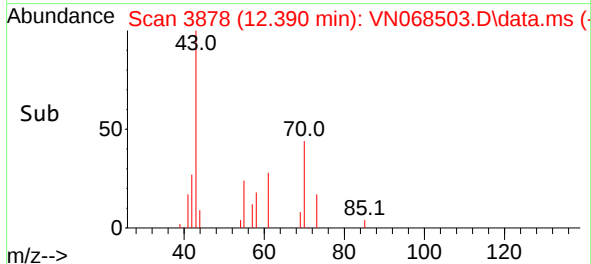
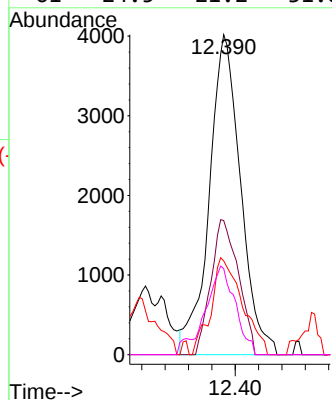
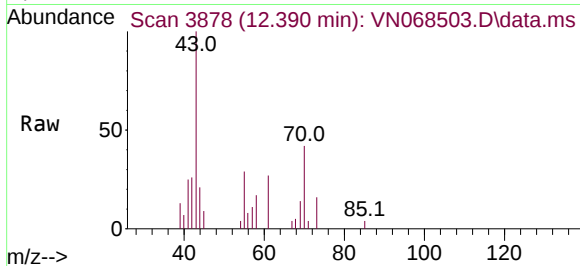




#74
N-amy1 acetate
Concen: 1.407 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

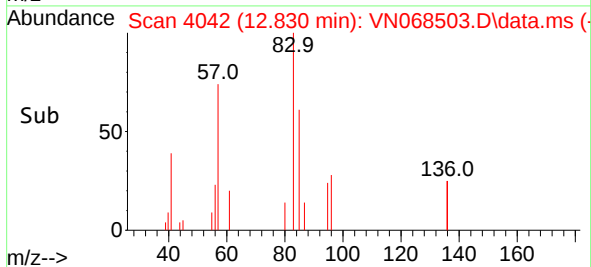
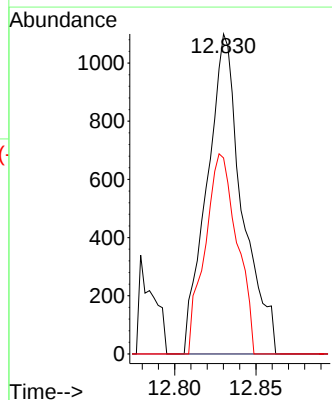
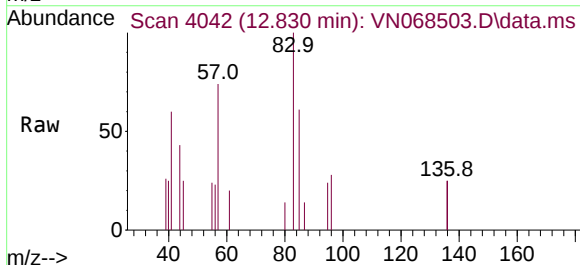
Instrument :
MSVOA_N
ClientSampleId :
31208DL

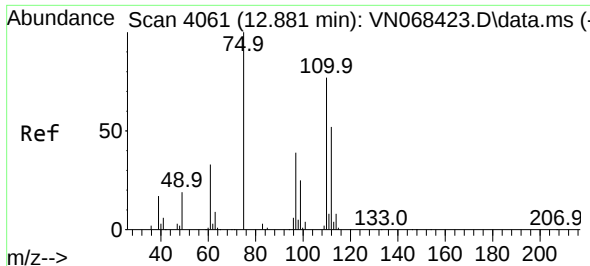
Tgt Ion:	43	Resp:	7474
Ion	Ratio	Lower	Upper
43	100		
70	37.0	40.0	60.0#
55	30.3	21.1	31.7
61	24.5	21.2	31.8



#75
1,1,2,2-Tetrachloroethane
Concen: 0.248 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:	83	Resp:	1656
Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.3	19.1#
85	56.9	32.5	97.4

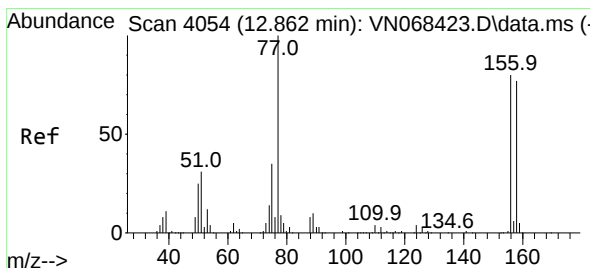
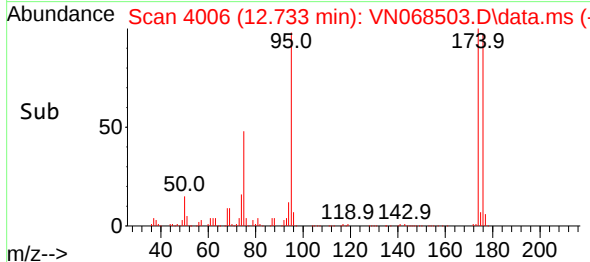
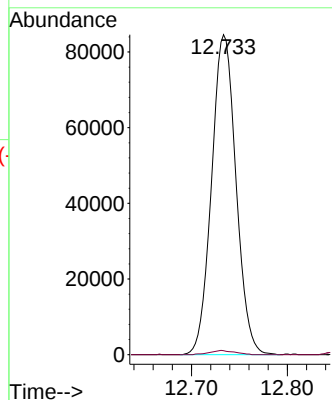
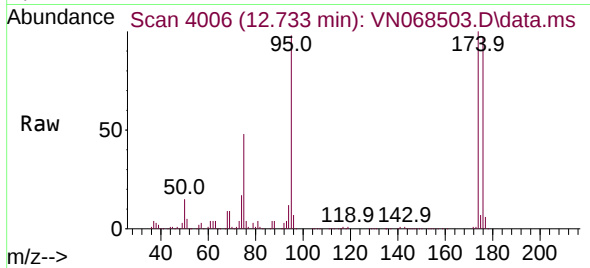




#76
1,2,3-Trichloropropane
Concen: 28.307 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

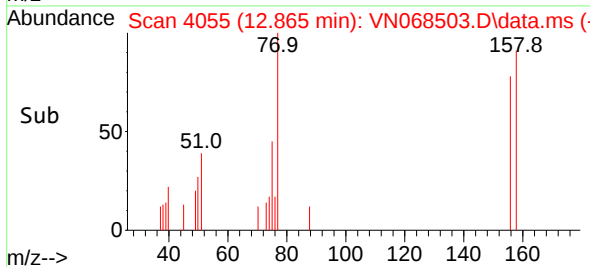
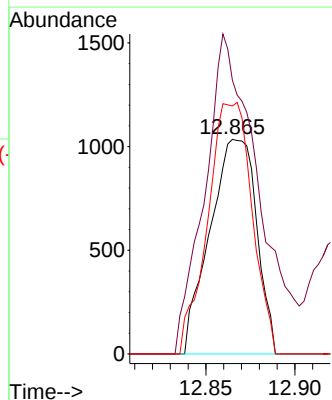
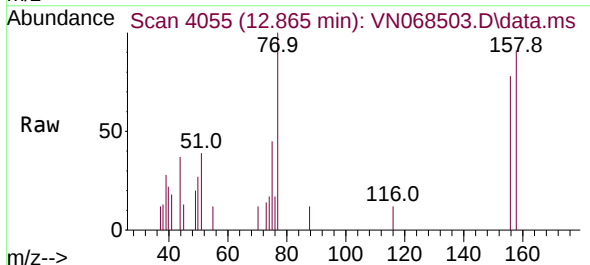
Instrument :
MSVOA_N
ClientSampled :
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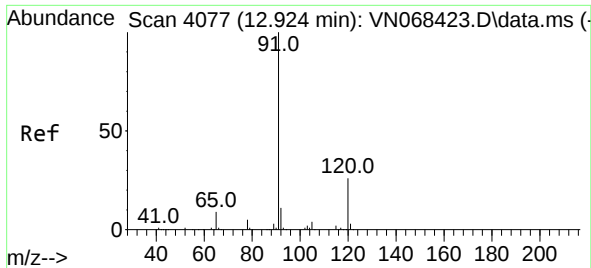
Tgt Ion: 75 Resp: 149644
Ion Ratio Lower Upper
75 100
77 1.3 100.9 302.7#



#77
Bromobenzene
Concen: 0.286 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:156 Resp: 1886
Ion Ratio Lower Upper
156 100
77 169.1 73.0 219.0
158 111.3 49.0 147.2

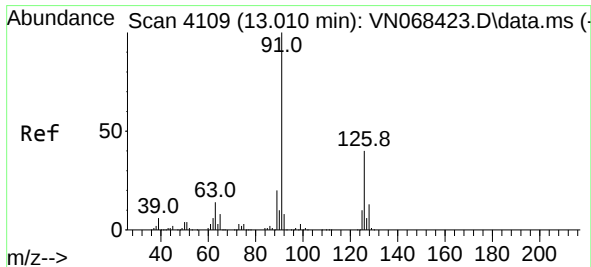
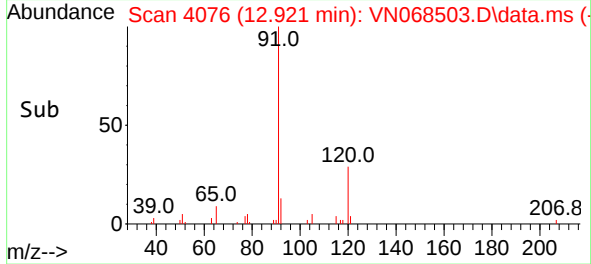
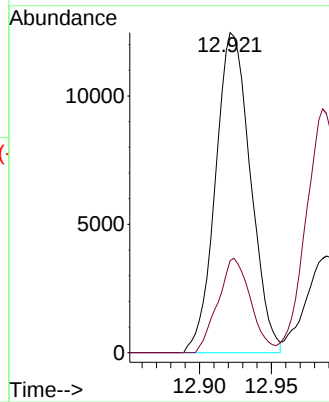
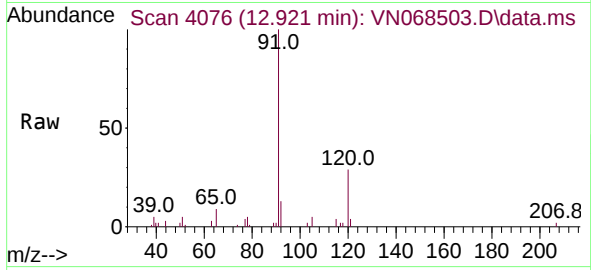




#78
n-propylbenzene
Concen: 0.839 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

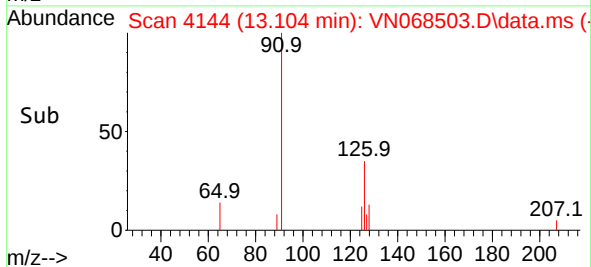
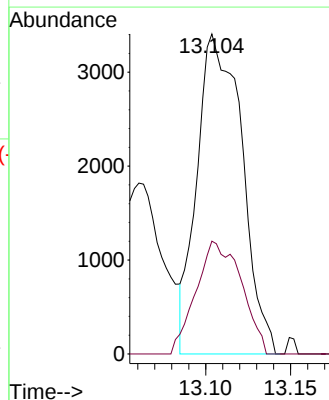
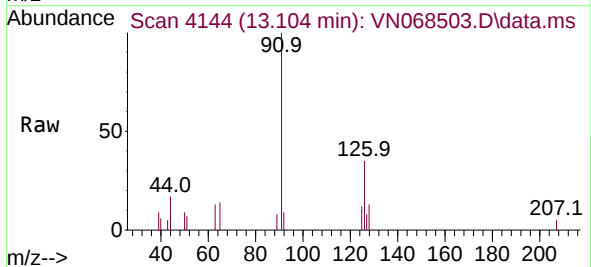
Instrument :
MSVOA_N
ClientSampleId :
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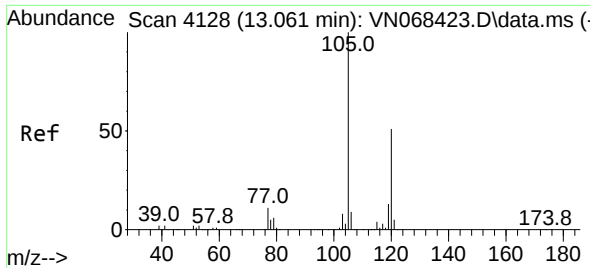
Tgt Ion: 91 Resp: 21101
Ion Ratio Lower Upper
91 100
120 27.6 13.2 39.6



#79
2-Chlorotoluene
Concen: 0.403 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. 0.094 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 91 Resp: 6243
Ion Ratio Lower Upper
91 100
126 35.7 20.1 60.3

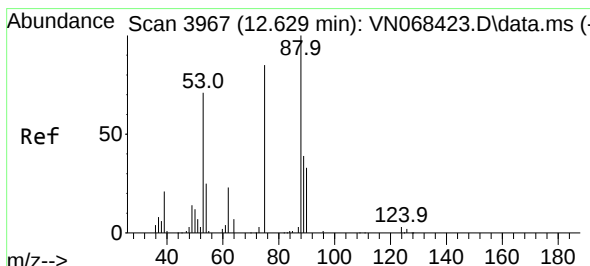
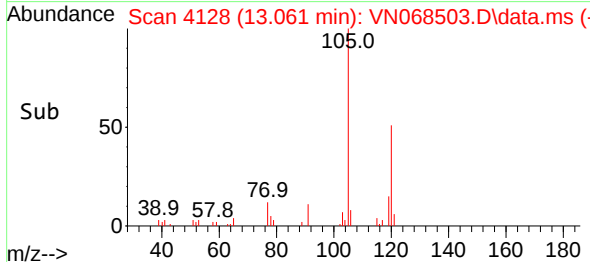
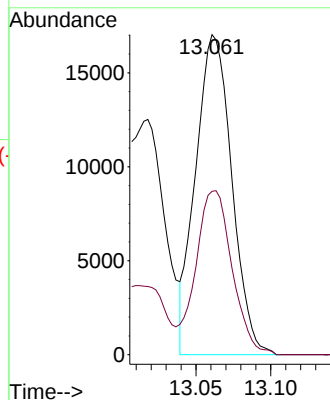
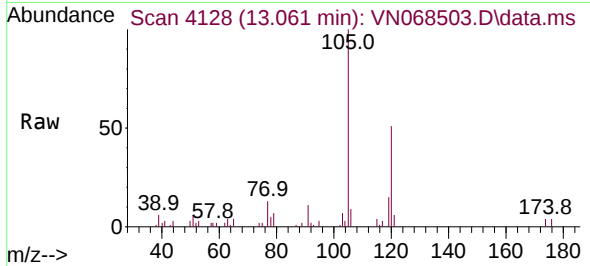




#80
1,3,5-Trimethylbenzene
Concen: 1.480 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

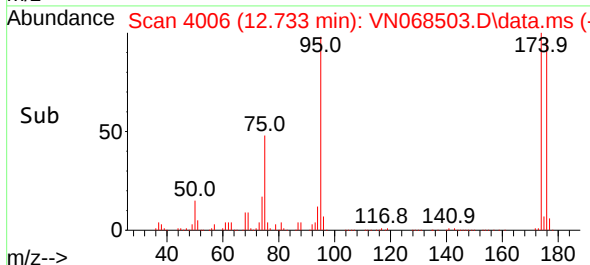
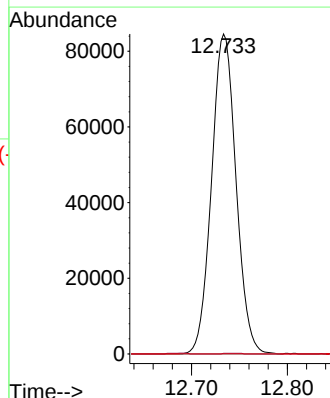
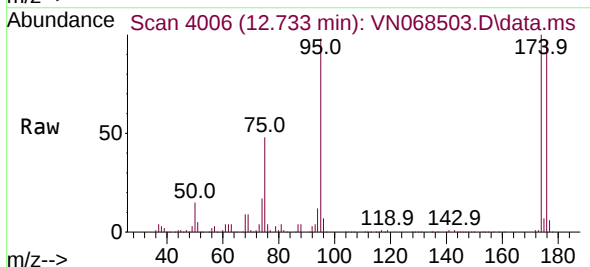
Instrument :
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ClientSampleId :
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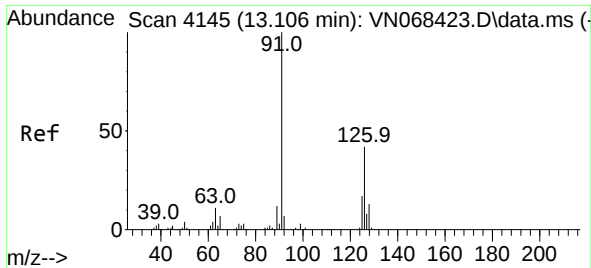
Tgt Ion:105 Resp: 28643
Ion Ratio Lower Upper
105 100
120 51.6 25.7 77.1



#81
trans-1,4-Dichloro-2-butene
Concen: 99.028 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 75 Resp: 149644
Ion Ratio Lower Upper
75 100
53 0.2 70.6 105.8#
89 0.0 39.5 59.3#

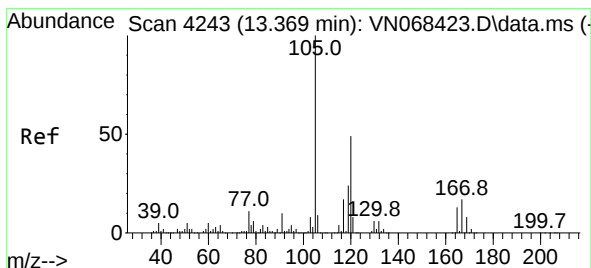
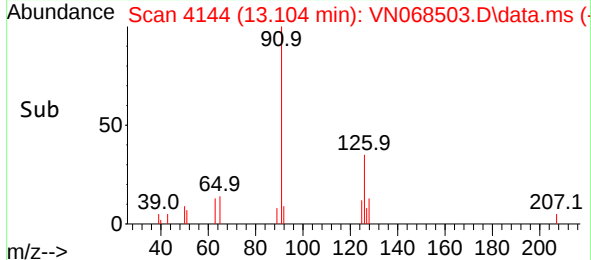
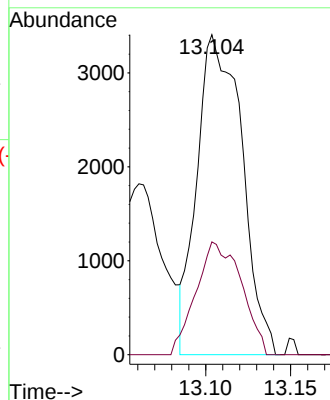
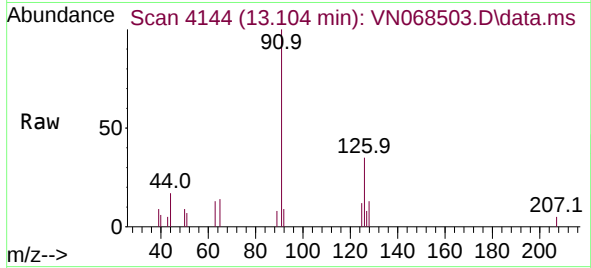




#82
4-Chlorotoluene
Concen: 0.417 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

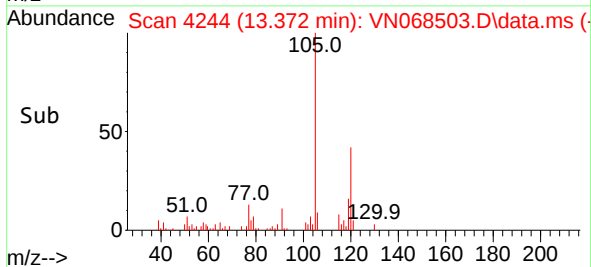
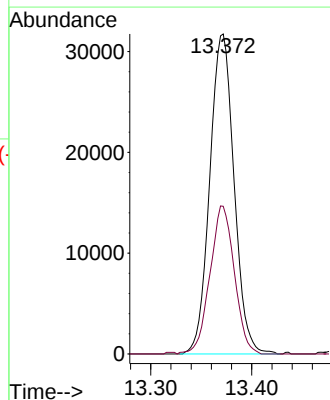
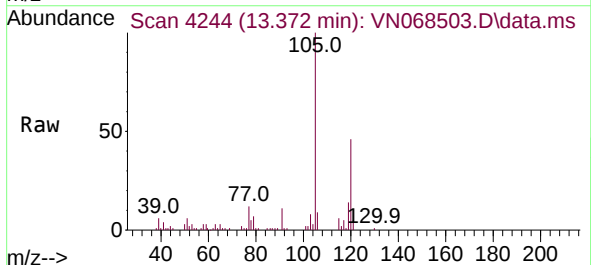
Instrument :
MSVOA_N
ClientSampleId :
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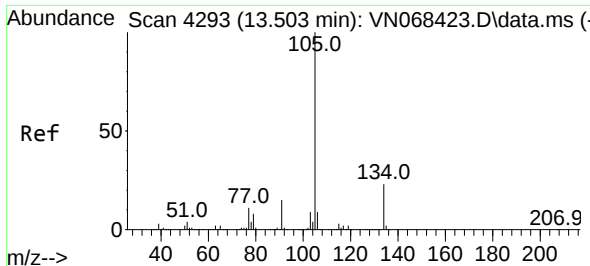
Tgt Ion: 91 Resp: 6243
Ion Ratio Lower Upper
91 100
126 35.7 19.8 59.3



#84
1,2,4-Trimethylbenzene
Concen: 2.856 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 105 Resp: 53013
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

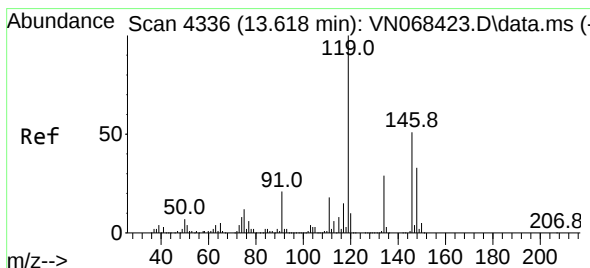
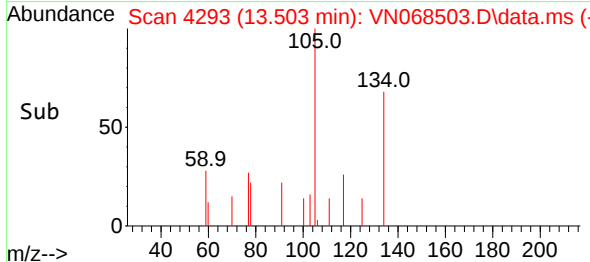
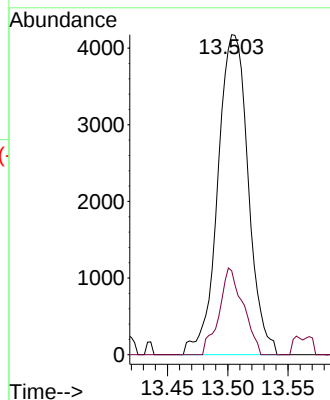
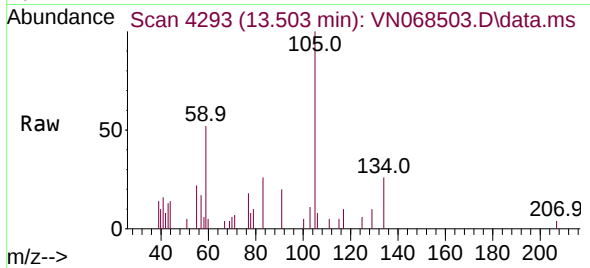




#85
 sec-Butylbenzene
 Concen: 0.315 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068503.D
 Acq: 16 Sep 2021 18:45

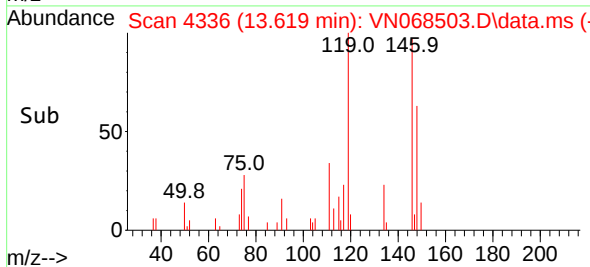
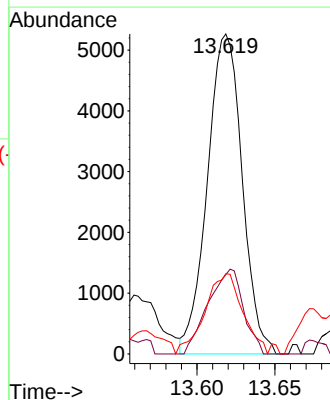
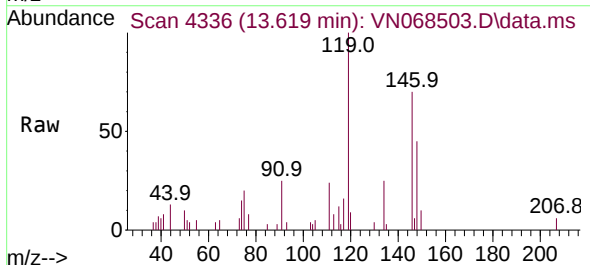
Instrument :
 MSVOA_N
 ClientSampled :
 31208DL

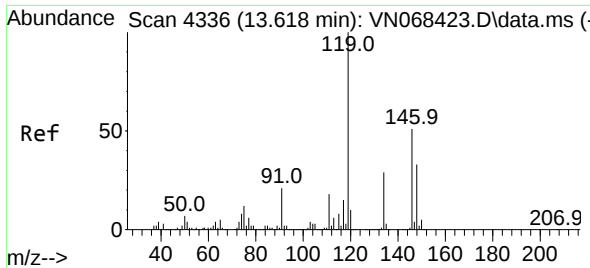
Tgt Ion:105 Resp: 7331
 Ion Ratio Lower Upper
 105 100
 134 21.3 11.4 34.1



#86
 p-Isopropyltoluene
 Concen: 0.416 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068503.D
 Acq: 16 Sep 2021 18:45

Tgt Ion:119 Resp: 8182
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.1 42.4
 91 27.1 10.6 31.8

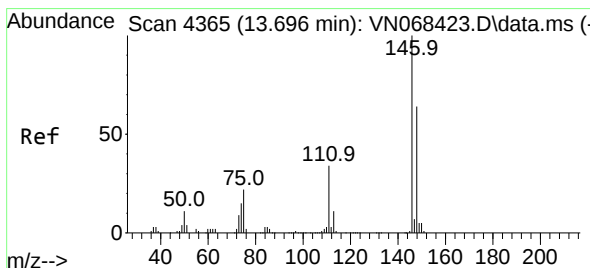
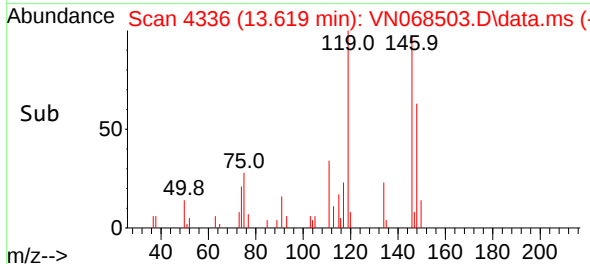
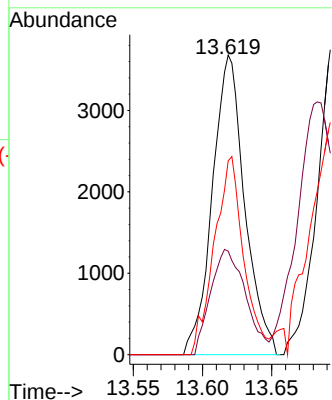
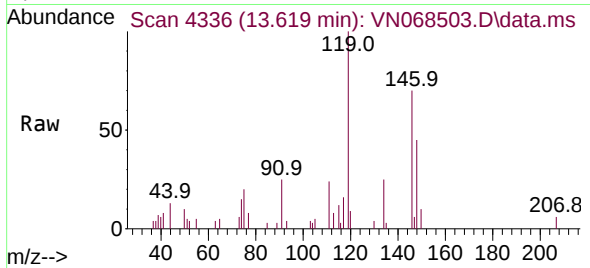




#87
1,3-Dichlorobenzene
Concen: 0.521 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

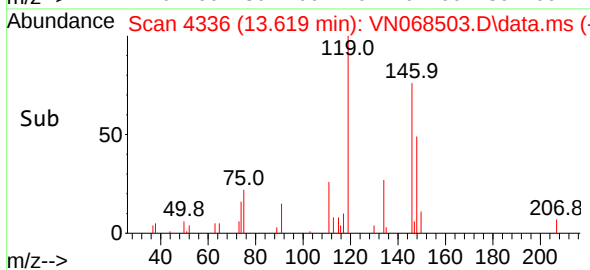
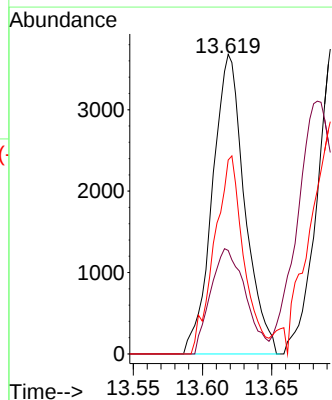
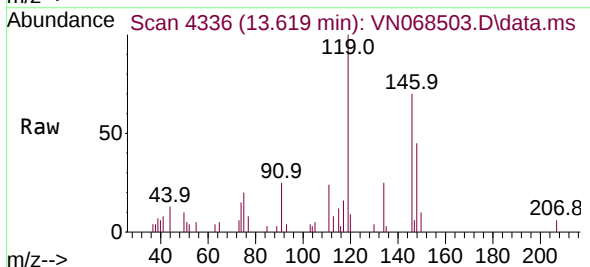
Instrument :
MSVOA_N
ClientSampled :
31208DL

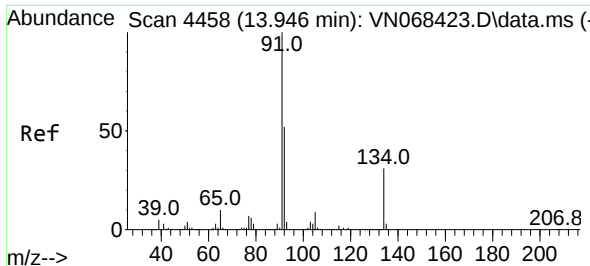
Tgt Ion:	146	Resp:	5962
Ion Ratio	Lower	Upper	
146	100		
111	38.3	17.6	52.8
148	60.3	32.1	96.3



#88
1,4-Dichlorobenzene
Concen: 0.529 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:	146	Resp:	5962
Ion Ratio	Lower	Upper	
146	100		
111	38.3	17.2	51.6
148	60.3	31.9	95.7

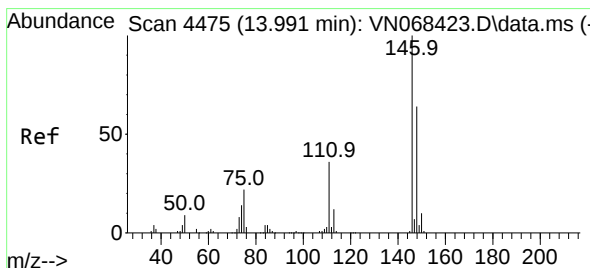
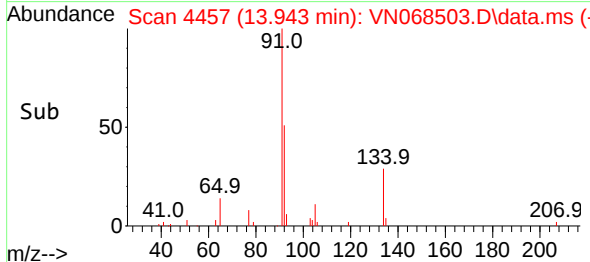
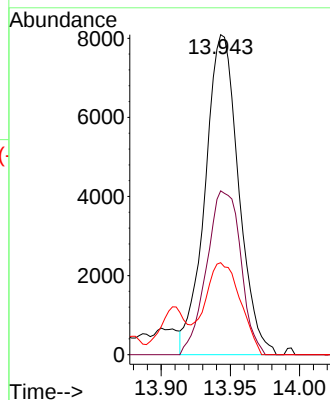
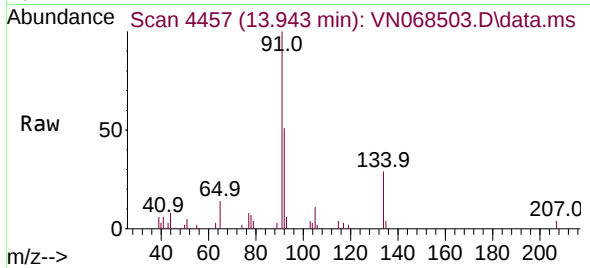




#89
n-Butylbenzene
Concen: 0.951 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

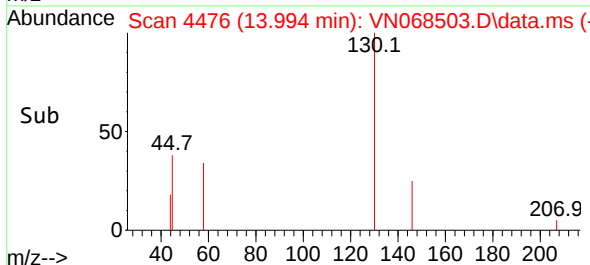
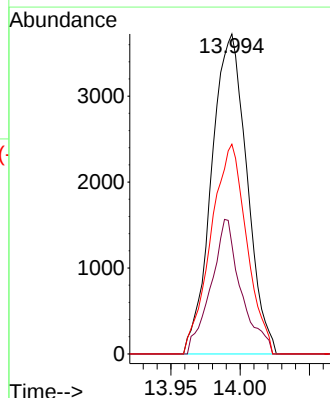
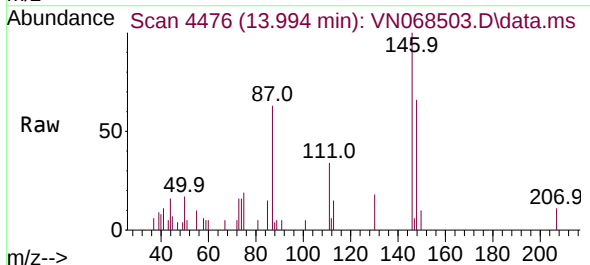
Instrument :
MSVOA_N
ClientSampleId :
31208DL

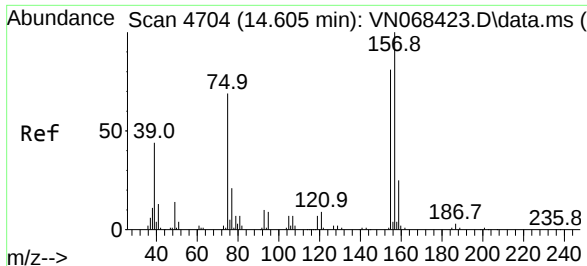
Tgt Ion:	91	Resp:	13628
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	30.4	15.4	46.2



#91
1,2-Dichlorobenzene
Concen: 0.599 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:	146	Resp:	6609
Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.3
148	66.5	32.1	96.5

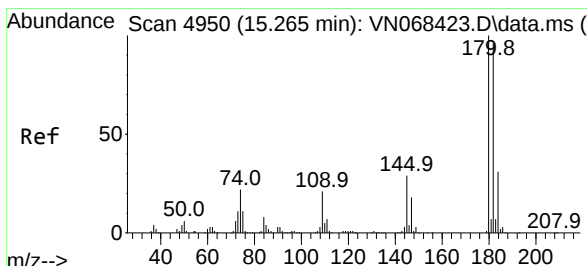
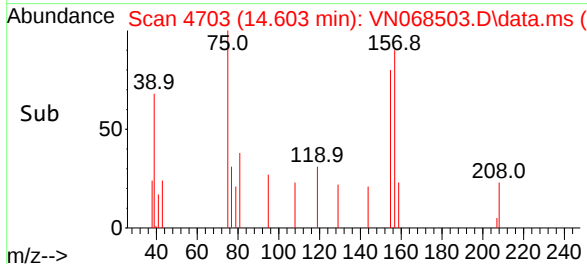
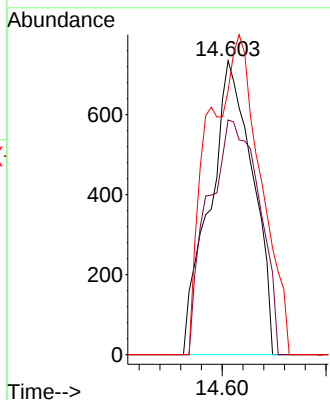
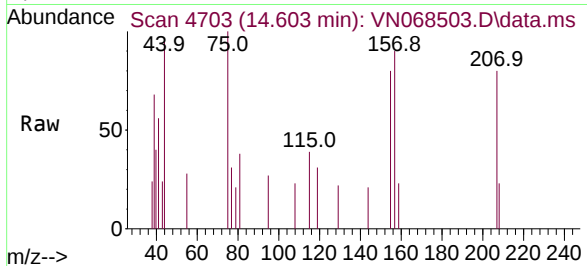




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.994 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

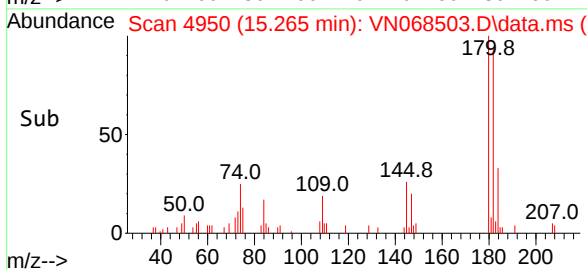
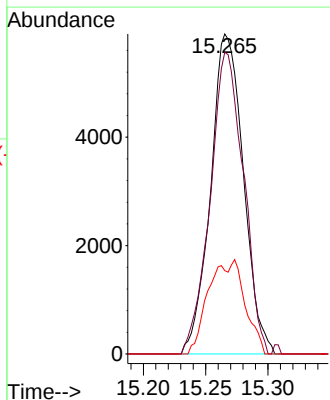
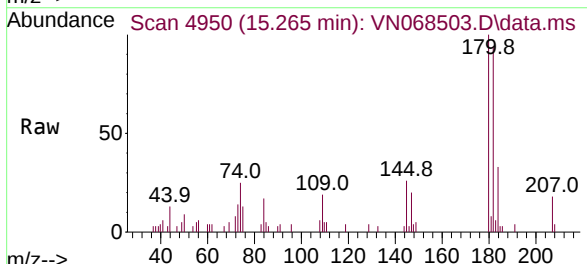
Instrument :
MSVOA_N
ClientSampleId :
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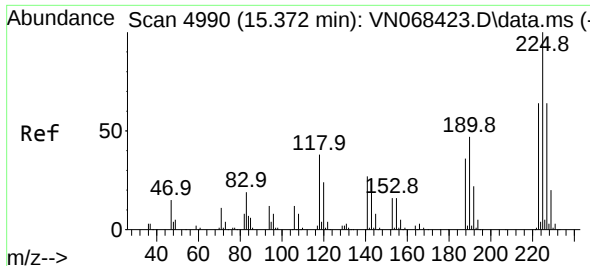
Tgt Ion: 75 Resp: 1054
Ion Ratio Lower Upper
75 100
155 95.2 56.9 170.7
157 131.9 73.0 219.2



#93
1,2,4-Trichlorobenzene
Concen: 2.148 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion: 180 Resp: 10819
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 18.7 14.1 42.4

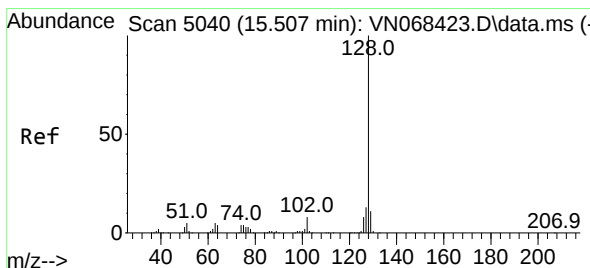
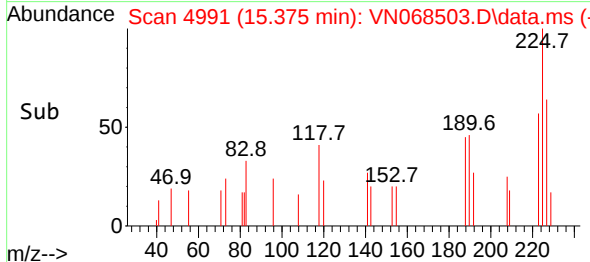
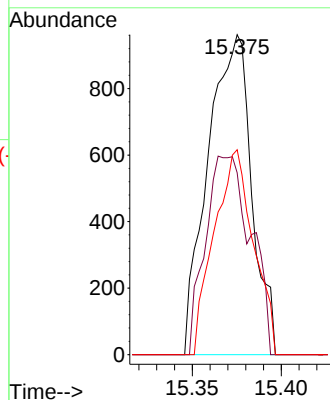
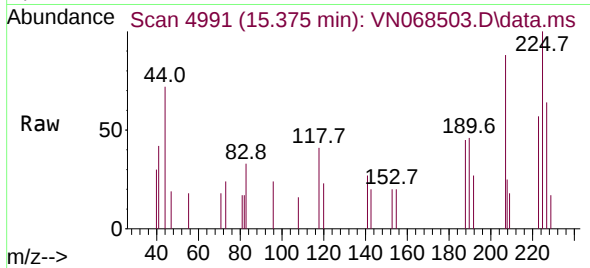




#94
Hexachlorobutadiene
Concen: 0.505 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

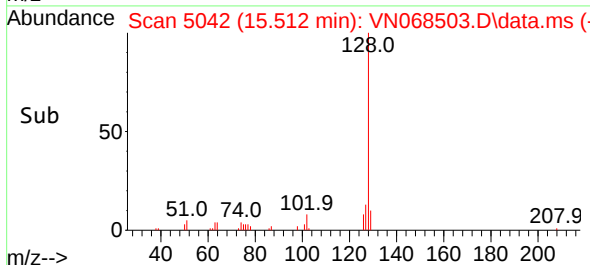
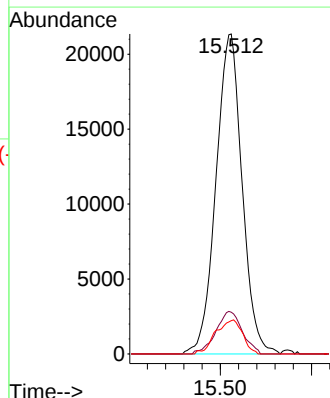
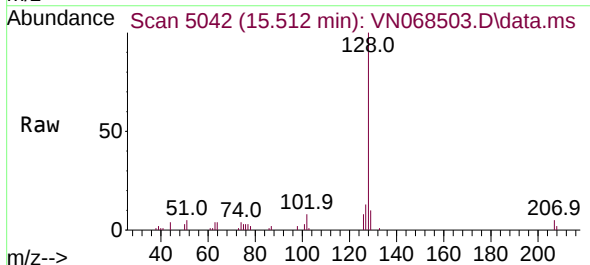
Instrument :
MSVOA_N
ClientSampled :
31208DL

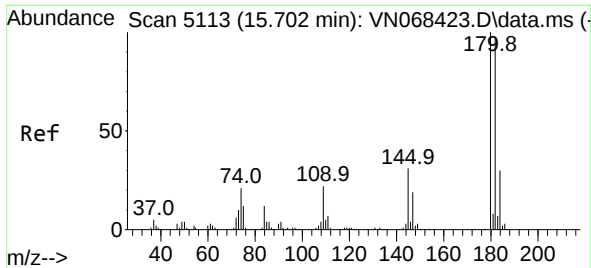
Tgt Ion:225 Resp: 1643
Ion Ratio Lower Upper
225 100
223 64.3 32.0 96.2
227 57.6 31.9 95.5



#95
Naphthalene
Concen: 6.474 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068503.D
Acq: 16 Sep 2021 18:45

Tgt Ion:128 Resp: 42450
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.519 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068503.D
 Acq: 16 Sep 2021 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 31208DL

Tgt Ion:	180	Resp:	12112
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	16.7	15.2	45.5

