

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068309.D
 Acq On : 25 Aug 2021 19:20
 Operator : JC/MD
 Sample : M3529-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31114

Quant Time: Aug 26 05:40:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	619527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	943831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1088876	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	597607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	263358	39.813	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	79.620%
35) Dibromofluoromethane	8.024	113	252666	42.640	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.280%
50) Toluene-d8	10.443	98	1075835	47.648	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.733	95	458414	60.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	1373	0.248	ug/l	95
5) Bromomethane	2.832	94	180	Below Cal	#	49
6) Chloroethane	3.011	64	132	Below Cal	#	1
11) Tert butyl alcohol	5.393	59	94517	114.578	ug/l	100
13) Acrolein	4.028	56	614	Below Cal	#	58
14) Allyl chloride	4.795	41	22037	3.433	ug/l	# 25
16) Acetone	4.291	43	1036855	536.859	ug/l	# 86
17) Carbon Disulfide	4.529	76	5696	0.439	ug/l	# 74
18) Methyl Acetate	4.857	43	3215	Below Cal	#	40
20) Methylene Chloride	5.095	84	2391	Below Cal	#	57
25) 2-Butanone	7.345	43	143817	47.782	ug/l	# 81
29) Tetrahydrofuran	7.689	42	2861	1.486	ug/l	# 35
31) Cyclohexane	8.088	56	18349	2.106	ug/l	# 27
36) 1,1-Dichloropropene	8.088	75	37268	4.830	ug/l	# 45
37) Ethyl Acetate	7.345	43	143817	21.880	ug/l	# 70
38) Carbon Tetrachloride	8.088	117	53893	6.056	ug/l	# 16
39) Methylcyclohexane	9.461	83	23510	2.698	ug/l	# 83
40) Benzene	8.461	78	884591	37.564	ug/l	95
41) Methacrylonitrile	7.670	41	7803	2.600	ug/l	# 22
42) 1,2-Dichloroethane	8.456	62	7666	0.956	ug/l	89
48) Methyl methacrylate	9.542	41	2153	0.491	ug/l	# 35
49) 1,4-Dioxane	9.574	88	3384	31.909	ug/l	# 77
51) 4-Methyl-2-Pentanone	10.333	43	98120	15.171	ug/l	91
52) Toluene	10.507	92	1366359	85.111	ug/l	99
53) t-1,3-Dichloropropene	10.507	75	15894	1.927	ug/l	# 1
54) cis-1,3-Dichloropropene	10.285	75	3392	0.380	ug/l	# 1
55) 1,1,2-Trichloroethane	10.878	97	2000	0.312	ug/l	# 14
56) Ethyl methacrylate	10.762	69	2778	0.337	ug/l	# 36
57) 1,3-Dichloropropane	11.146	76	6904	0.699	ug/l	# 87
58) 2-Chloroethyl Vinyl ether	10.068	63	69922	55.304	ug/l	# 50
59) 2-Hexanone	11.087	43	21608	4.812	ug/l	99
67) Ethyl Benzene	11.848	91	534585	14.537	ug/l	91
68) m/p-Xylenes	11.950	106	1410640	95.890	ug/l	77
69) o-Xylene	12.283	106	782438	55.047	ug/l	72
70) Styrene	12.296	104	1287622	56.595	ug/l	# 89
73) Isopropylbenzene	12.581	105	75423	1.775	ug/l	98

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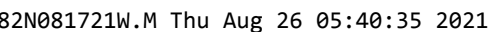
Quant Time: Aug 26 05:40:31 2021
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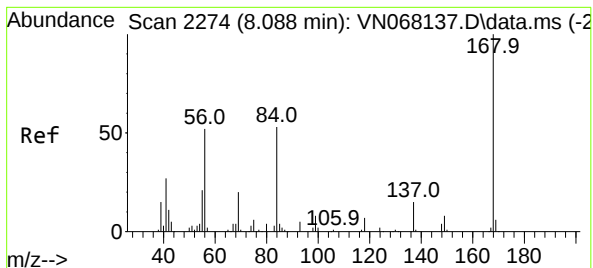
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.355	43	18663	1.686	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.787	83	14894	1.168	ug/l #	25
76) 1,2,3-Trichloropropane	12.733	75	215735	21.719	ug/l #	100
78) n-propylbenzene	12.924	91	421436	9.244	ug/l #	71
79) 2-Chlorotoluene	13.230	91	65992	2.340	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	449649	13.077	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.733	75	215735	71.156	ug/l #	9
82) 4-Chlorotoluene	13.230	91	65992	2.411	ug/l	98
83) tert-Butylbenzene	13.329	119	8853	0.290	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.369	105	1784500	53.165	ug/l	92
85) sec-Butylbenzene	13.369	105	1784500	44.388	ug/l #	59
86) p-Isopropyltoluene	13.560	119	46694	1.407	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	5774	0.285	ug/l #	46
89) n-Butylbenzene	13.943	91	21483	0.868	ug/l #	76
90) Hexachloroethane	14.276	117	75070	12.192	ug/l #	16
91) 1,2-Dichlorobenzene	13.989	146	4262	0.224	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.589	75	3400	1.761	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.268	180	9282	3.566	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.702	180	10920	3.920	ug/l #	81

(#) = 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

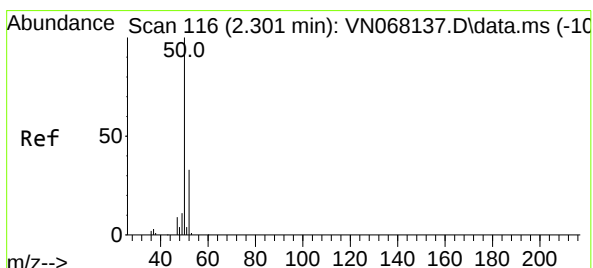
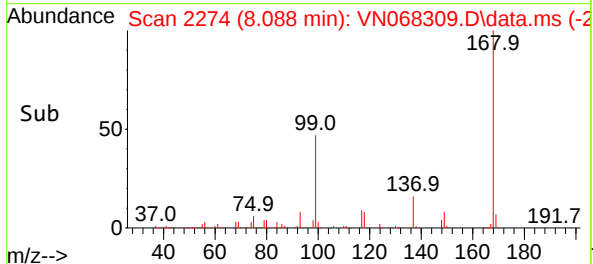
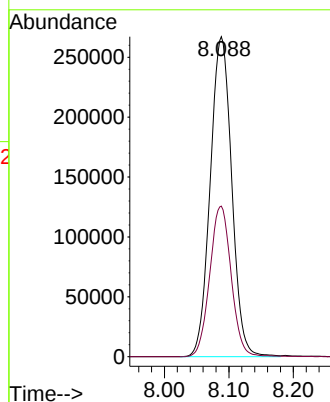
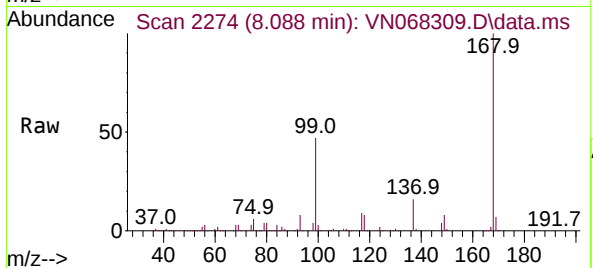
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Tgt Ion:168 Resp: 619527

Ion Ratio Lower Upper

168 100
99 47.1 62.9 94.3#



#3

Chloromethane

Concen: 0.248 ug/l

RT: 2.301 min Scan# 116

Delta R.T. -0.000 min

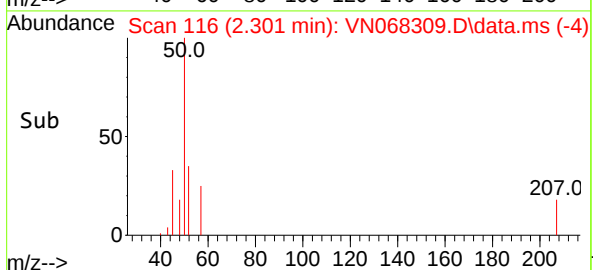
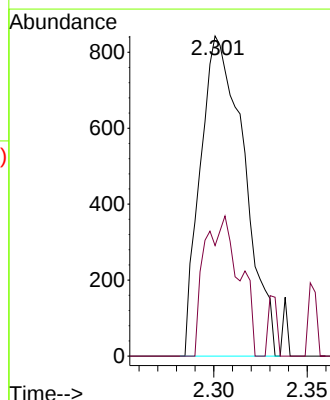
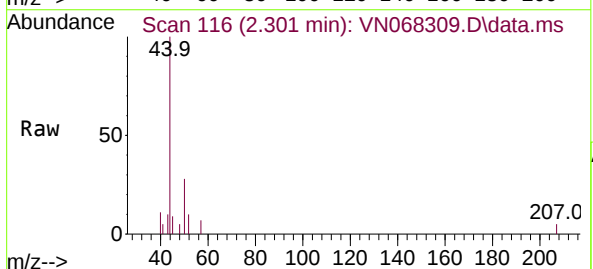
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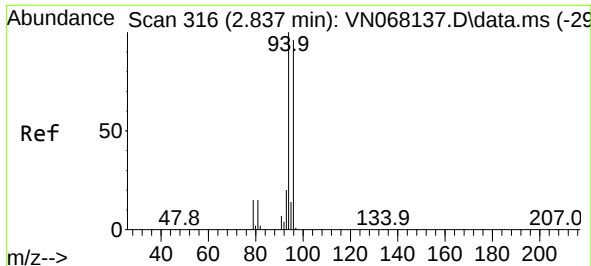
Acq: 25 Aug 2021 19:20

Tgt Ion: 50 Resp: 1373

Ion Ratio Lower Upper

50 100
52 34.5 25.6 38.4

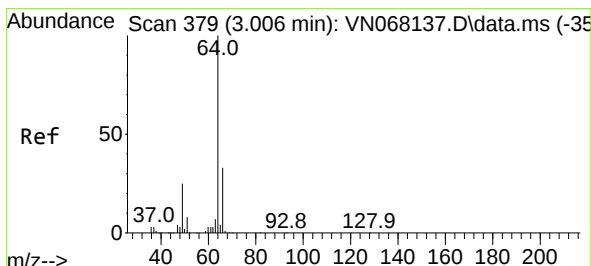
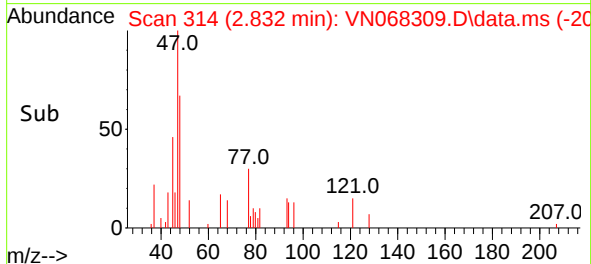
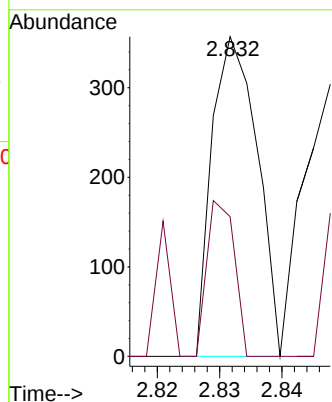
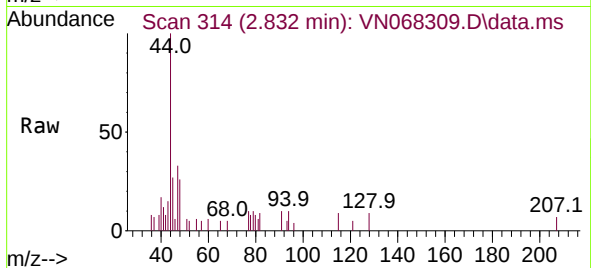




#5
Bromomethane
Concen: Below Cal
RT: 2.832 min Scan# 314
Delta R.T. -0.005 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

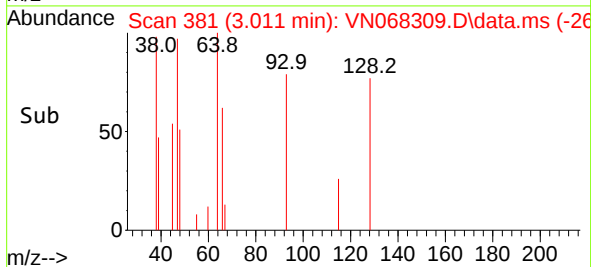
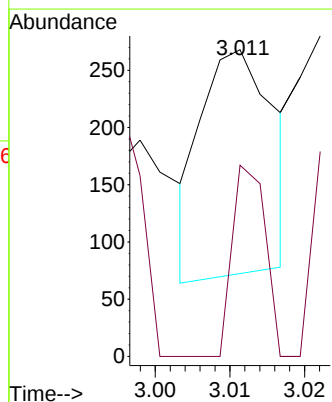
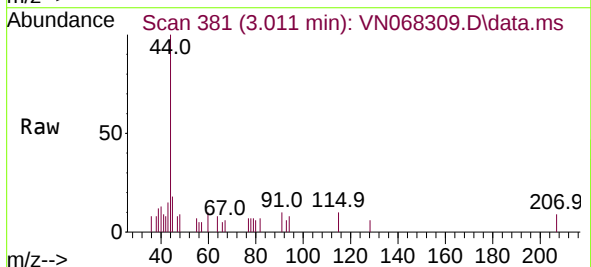
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31114

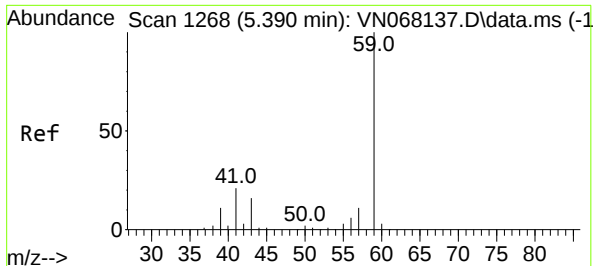
Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 43.7 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.011 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 142.7 24.7 37.1#

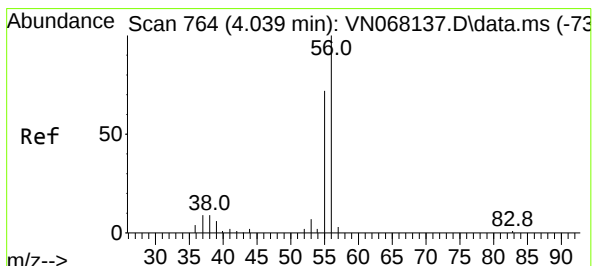
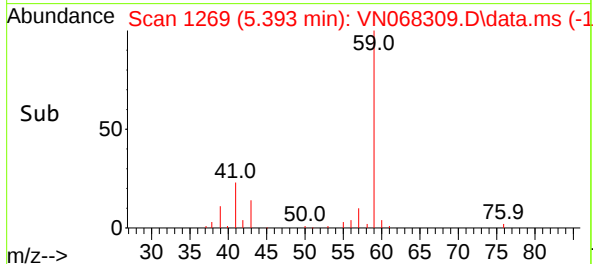
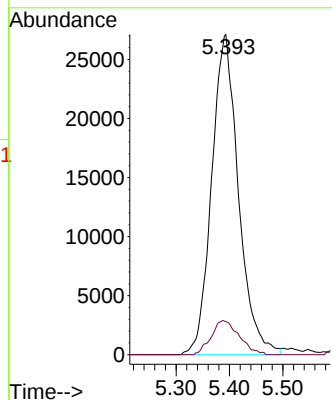
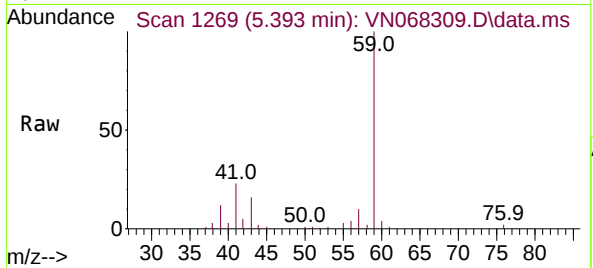




#11
Tert butyl alcohol
Concen: 114.578 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

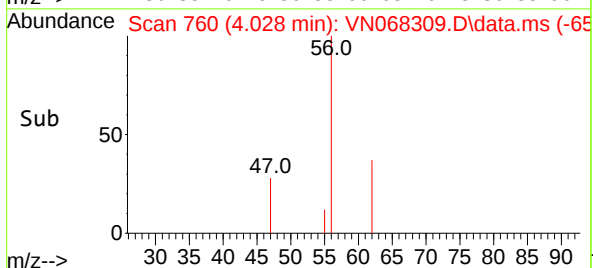
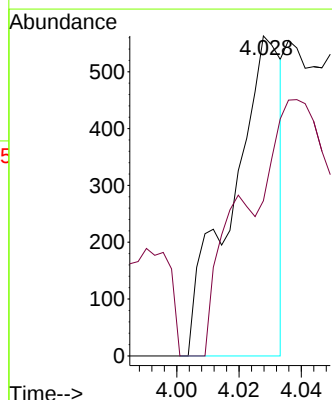
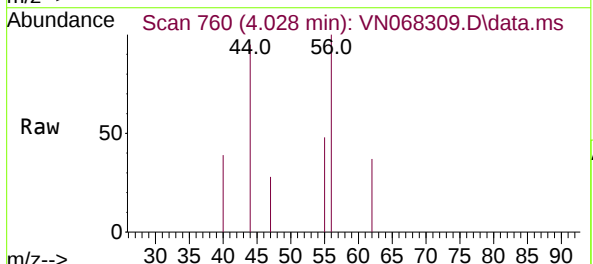
Instrument :
MSVOA_N
ClientSampled :
31114

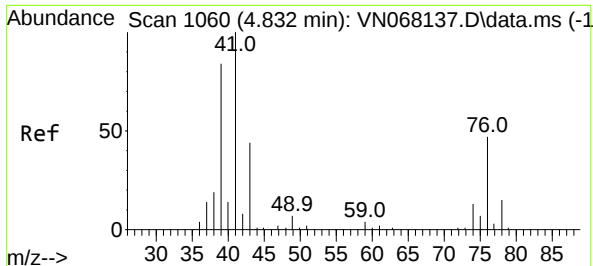
Tgt Ion: 59 Resp: 94517
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#13
Acrolein
Concen: Below Cal
RT: 4.028 min Scan# 760
Delta R.T. -0.011 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 56 Resp: 614
Ion Ratio Lower Upper
56 100
55 37.1 57.4 86.0#





#14

Allyl chloride

Concen: 3.433 ug/l

RT: 4.795 min Scan# 1046

Delta R.T. -0.037 min

Lab File: VN068309.D

Acq: 25 Aug 2021 19:20

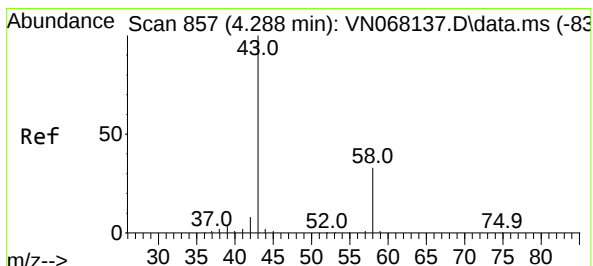
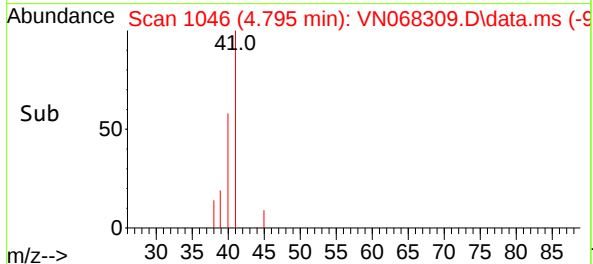
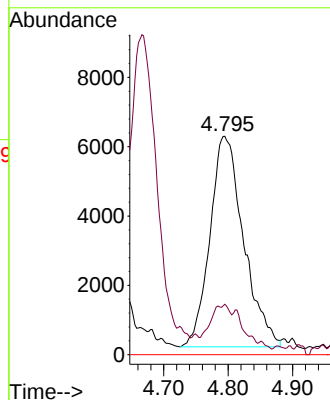
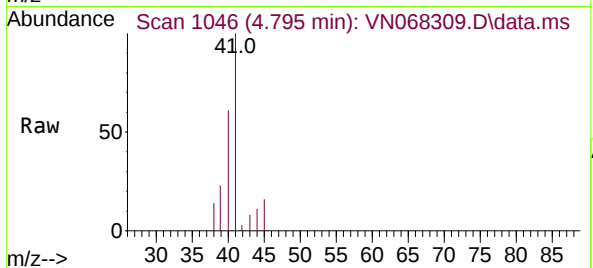
Instrument :

MSVOA_N

ClientSampleId :

31114

Tgt Ion:	41	Resp:	22037
Ion	Ratio	Lower	Upper
41	100		
39	4.7	60.9	91.3#
76	0.0	24.3	36.5#



#16

Acetone

Concen: 536.859 ug/l

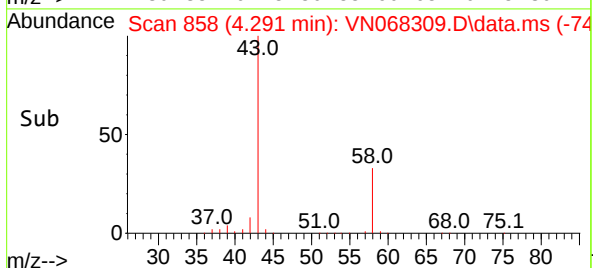
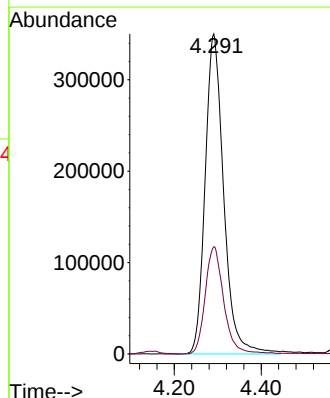
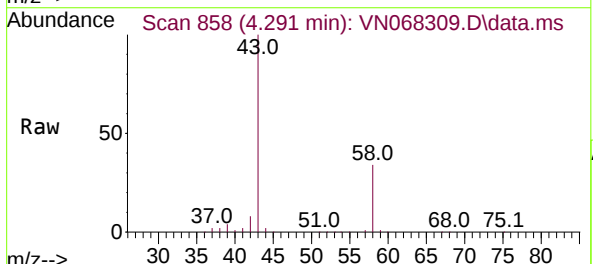
RT: 4.291 min Scan# 858

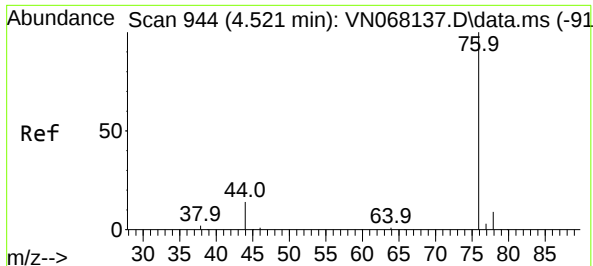
Delta R.T. 0.003 min

Lab File: VN068309.D

Acq: 25 Aug 2021 19:20

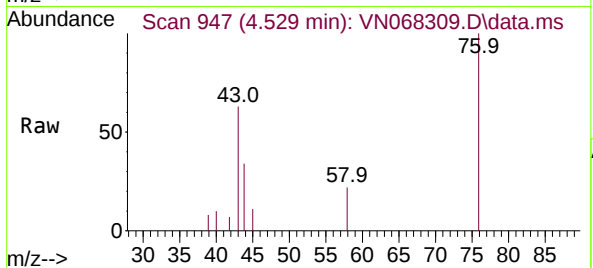
Tgt Ion:	43	Resp:	1036855
Ion	Ratio	Lower	Upper
43	100		
58	33.5	21.2	31.8#



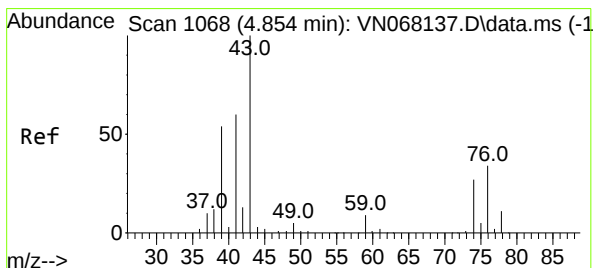
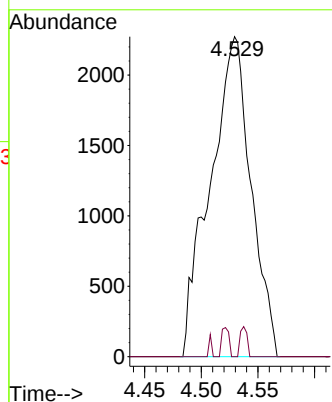
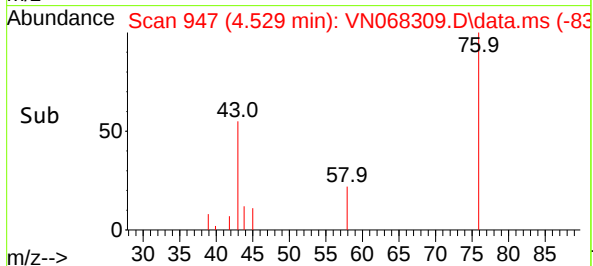


#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.008 min
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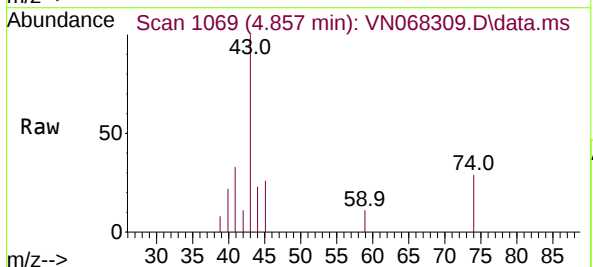
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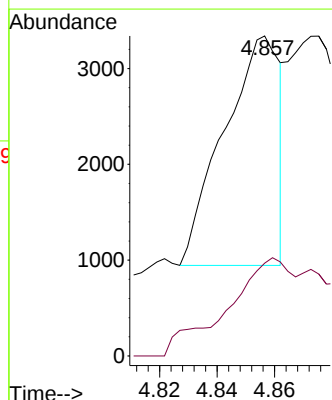
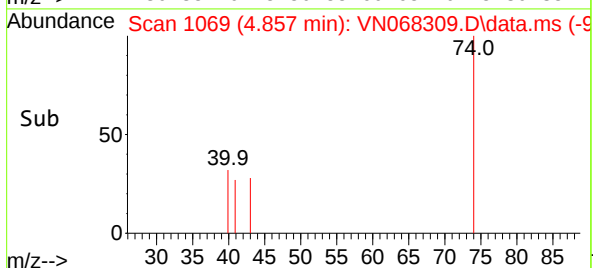
Tgt Ion: 76 Resp: 5696
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

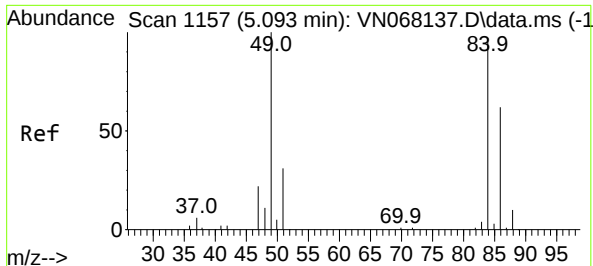


#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
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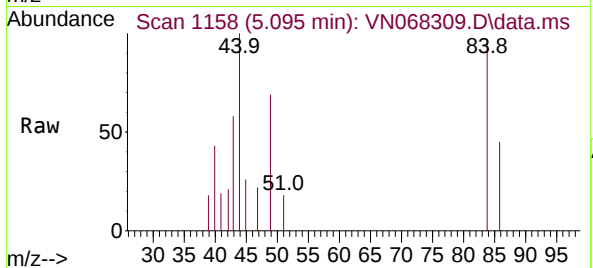
Tgt Ion: 43 Resp: 3215
Ion Ratio Lower Upper
43 100
74 50.2 17.4 26.0#



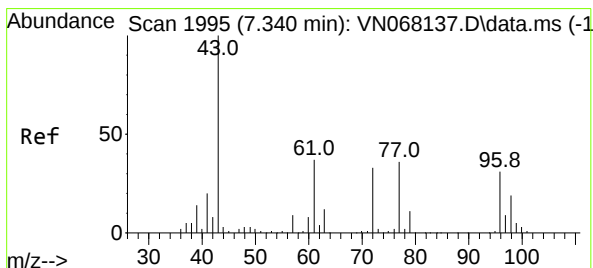
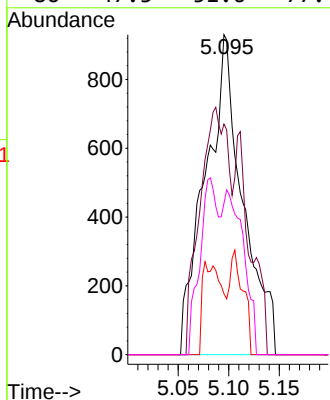
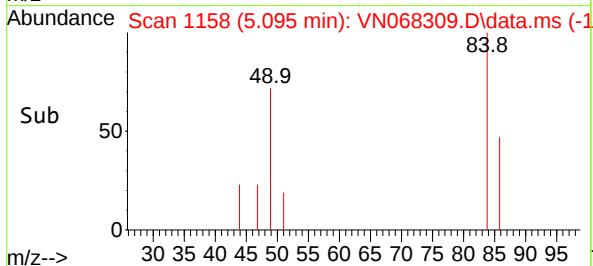


#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

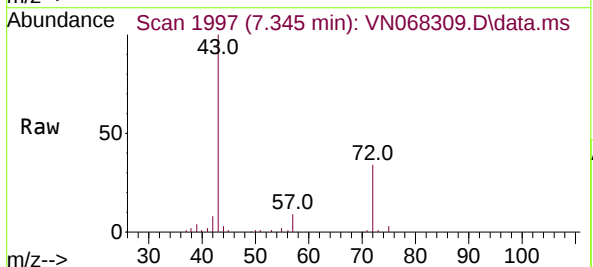
Instrument :
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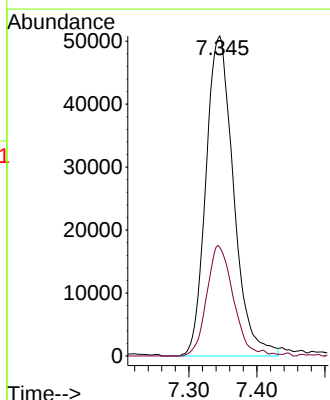
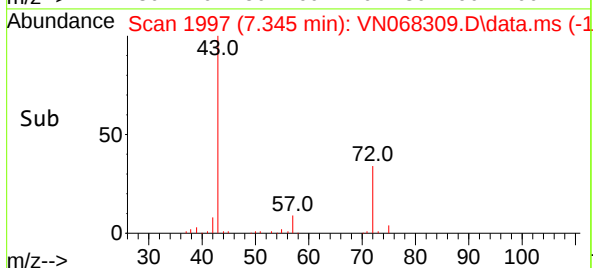
Tgt Ion: 84 Resp: 2391
Ion Ratio Lower Upper
84 100
49 72.0 110.9 166.3#
51 19.0 32.6 49.0#
86 47.3 51.6 77.4#

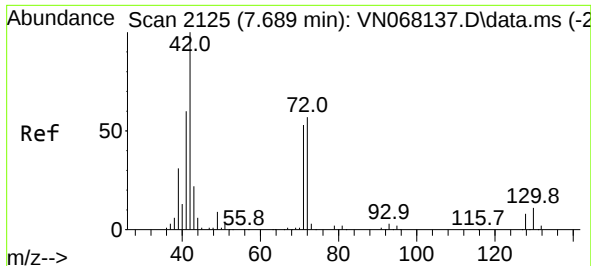


#25
2-Butanone
Concen: 47.782 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20



Tgt Ion: 43 Resp: 143817
Ion Ratio Lower Upper
43 100
72 33.9 19.7 29.5#

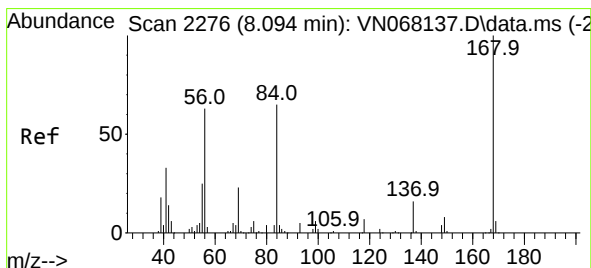
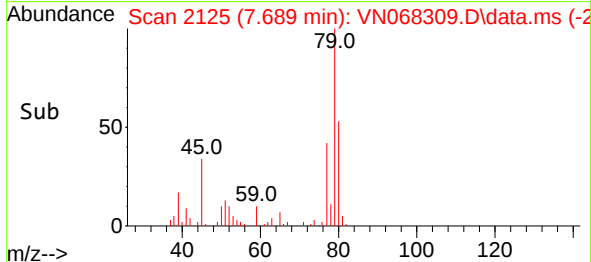
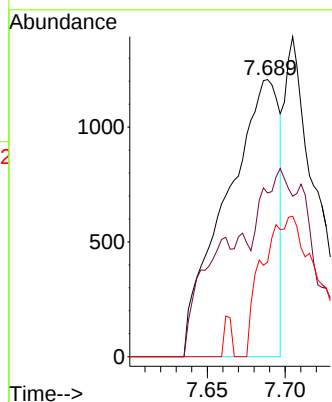
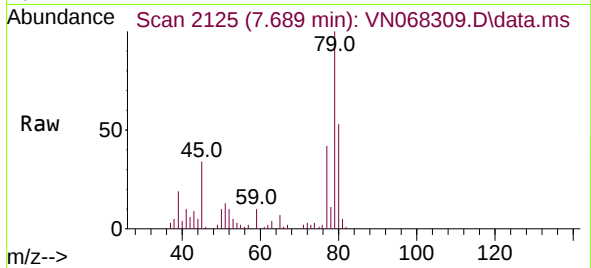




#29
Tetrahydrofuran
Concen: 1.486 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

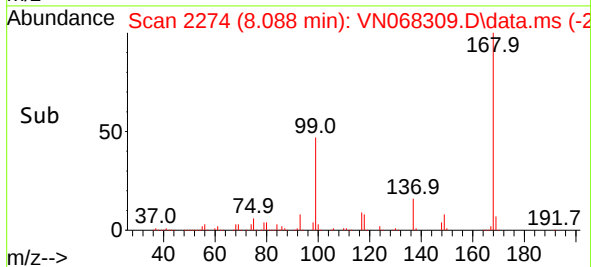
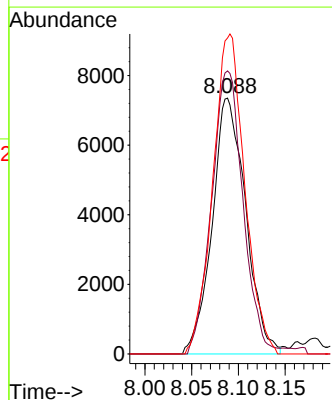
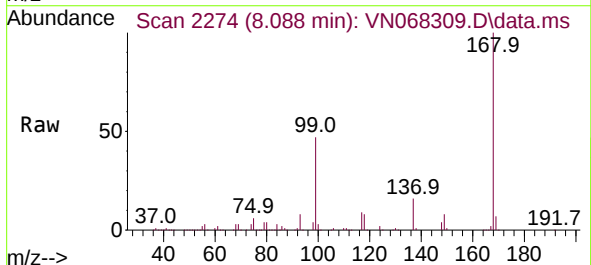
Instrument :
MSVOA_N
ClientSampled :
31114

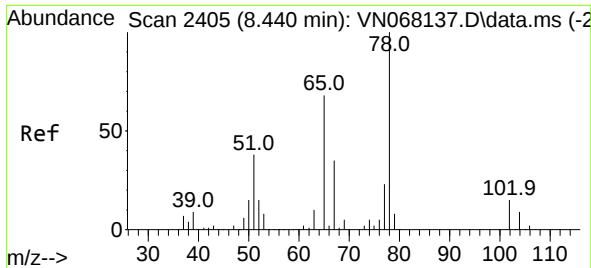
Tgt Ion: 42 Resp: 2861
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 2.106 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 56 Resp: 18349
Ion Ratio Lower Upper
56 100
69 110.6 27.3 40.9#
84 123.5 64.9 97.3#

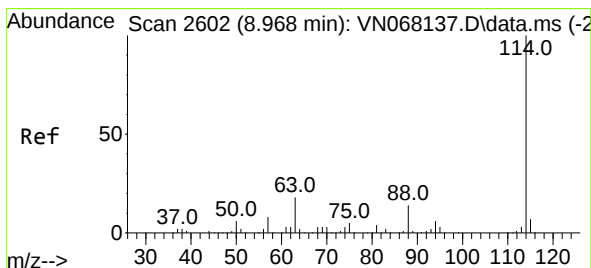
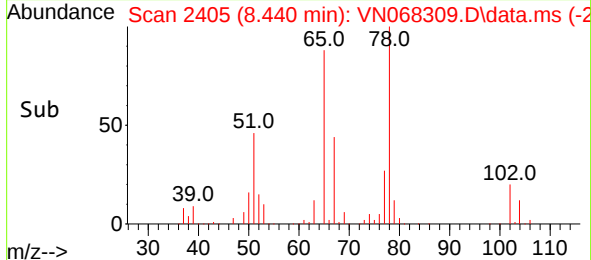
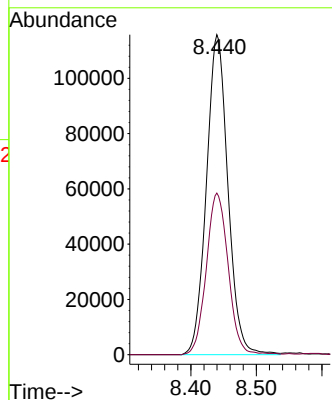
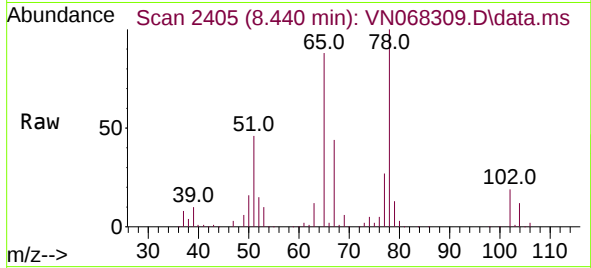




#33
 1,2-Dichloroethane-d4
 Concen: 39.813 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

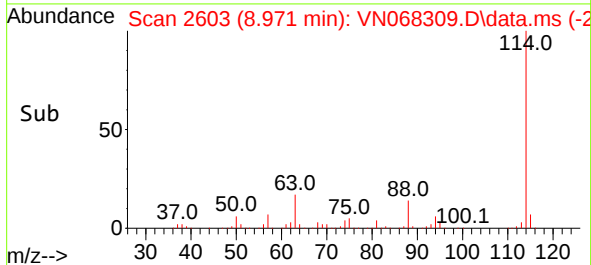
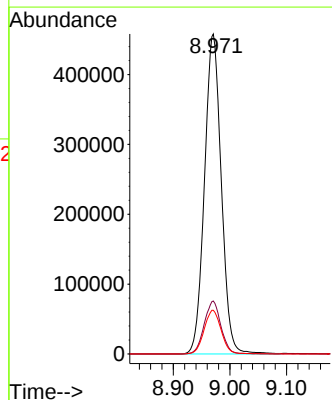
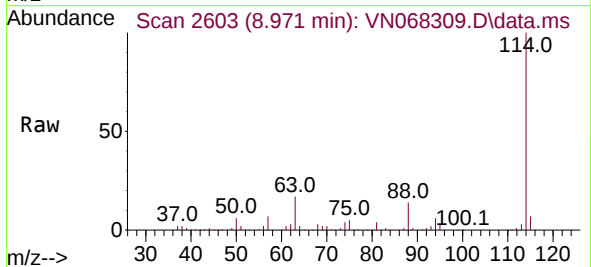
Instrument :
 MSVOA_N
 ClientSampled :
 31114

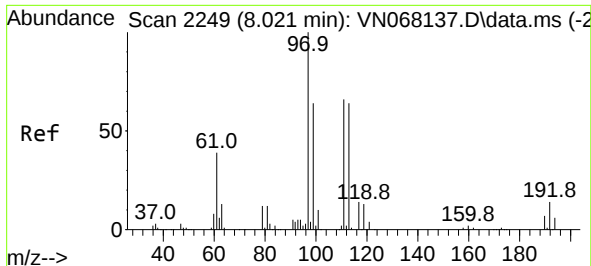
Tgt Ion: 65 Resp: 263358
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

Tgt Ion: 114 Resp: 943831
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 49.0
 88 13.7 0.0 36.6

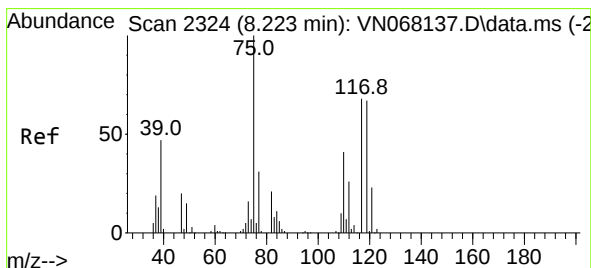
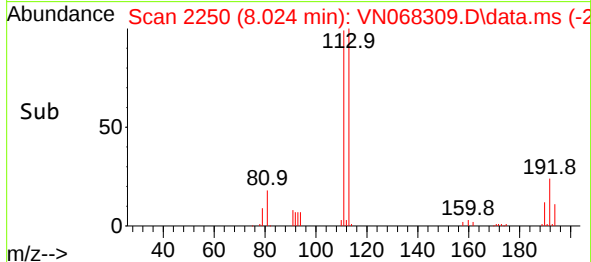
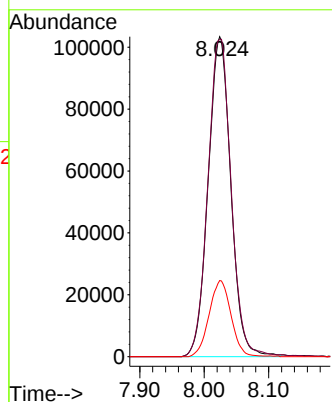
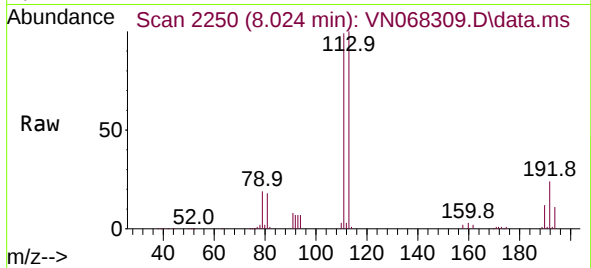




#35
Dibromofluoromethane
Concen: 42.640 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

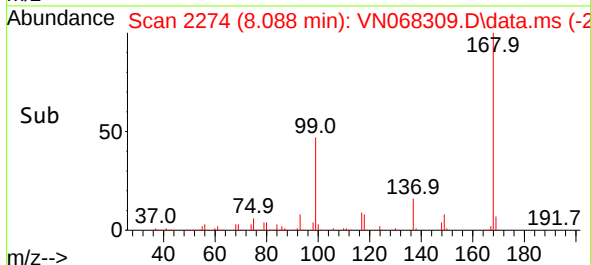
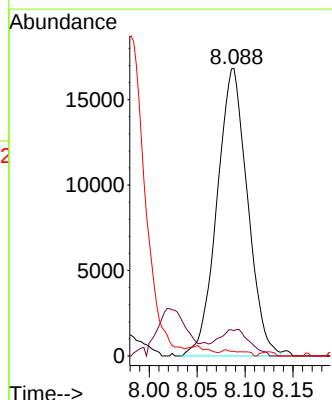
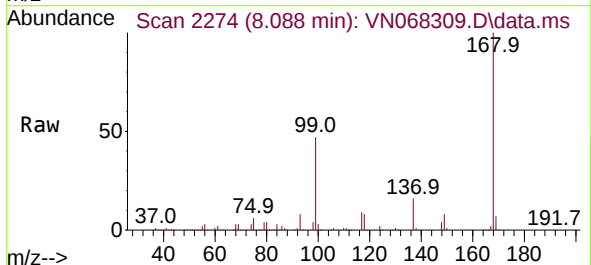
Instrument :
MSVOA_N
ClientSampled :
31114

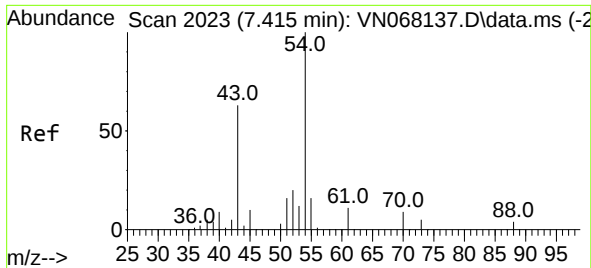
Tgt Ion:113 Resp: 252666
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 23.0 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 75 Resp: 37268
Ion Ratio Lower Upper
75 100
110 1.9 15.7 47.0#
77 0.0 24.6 37.0#

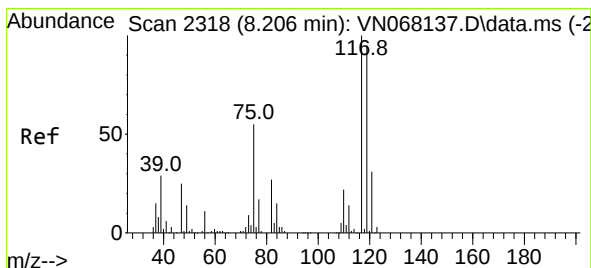
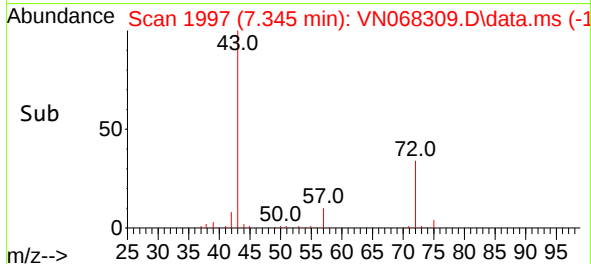
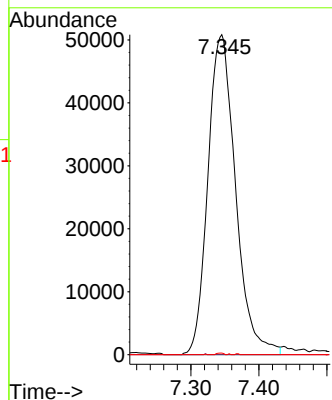
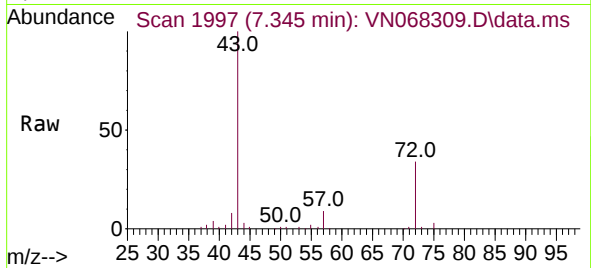




#37
Ethyl Acetate
Concen: 21.880 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.070 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

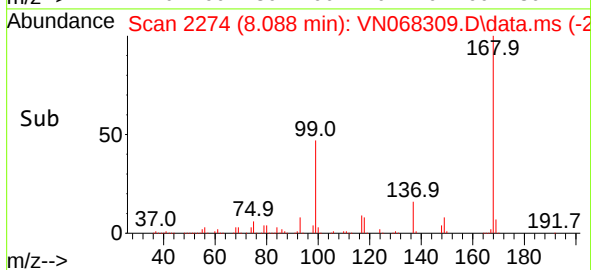
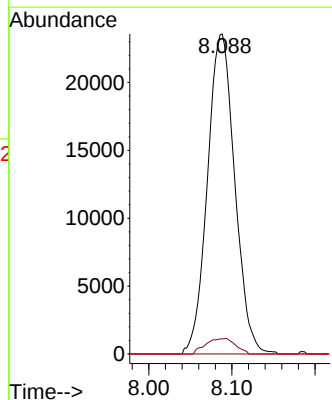
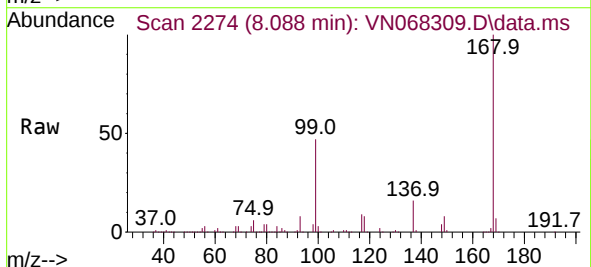
Instrument :
MSVOA_N
ClientSampled :
31114

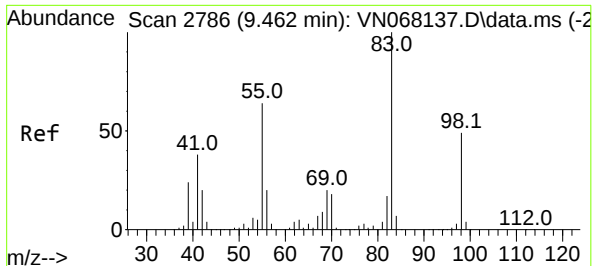
Tgt Ion: 43 Resp: 143817
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.1 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 117 Resp: 53893
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 2.698 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.001 min

Lab File: VN068309.D

Acq: 25 Aug 2021 19:20

Instrument :

MSVOA_N

ClientSampled :

31114

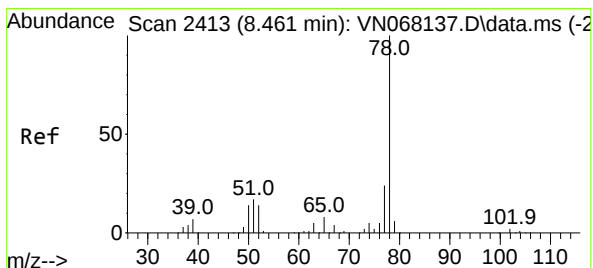
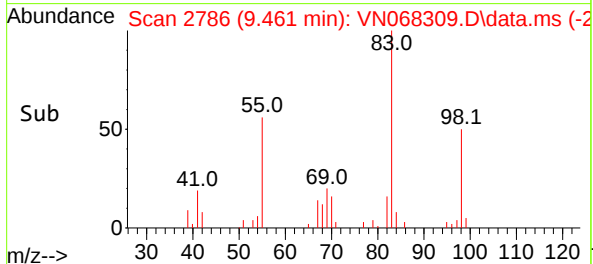
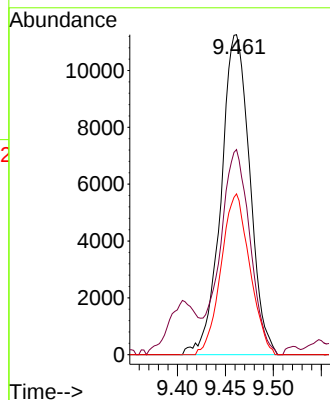
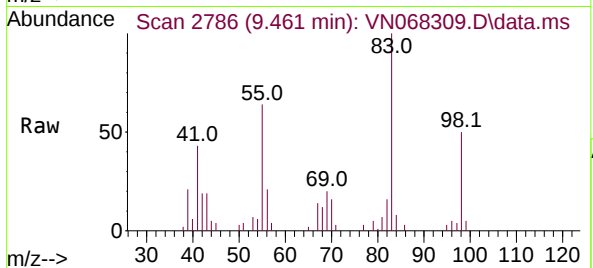
Tgt Ion: 83 Resp: 23510

Ion Ratio Lower Upper

83 100

55 64.1 66.6 99.8#

98 50.2 35.3 52.9



#40

Benzene

Concen: 37.564 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN068309.D

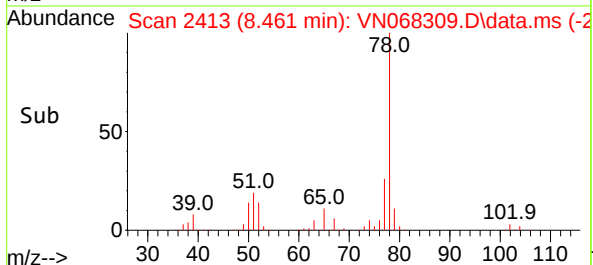
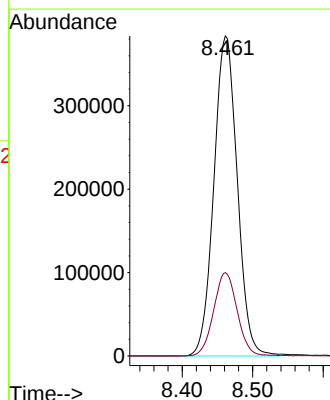
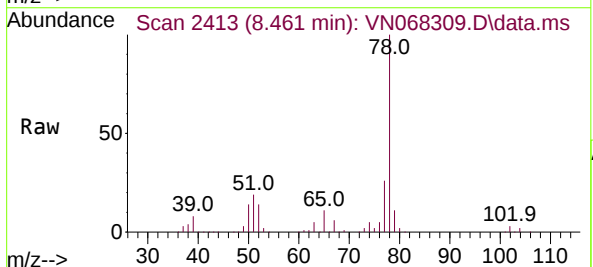
Acq: 25 Aug 2021 19:20

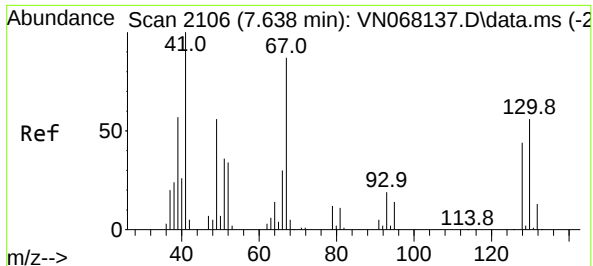
Tgt Ion: 78 Resp: 884591

Ion Ratio Lower Upper

78 100

77 26.0 18.9 28.3

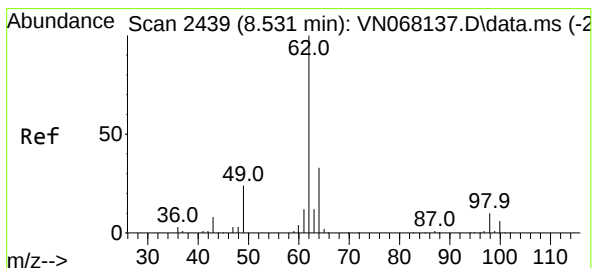
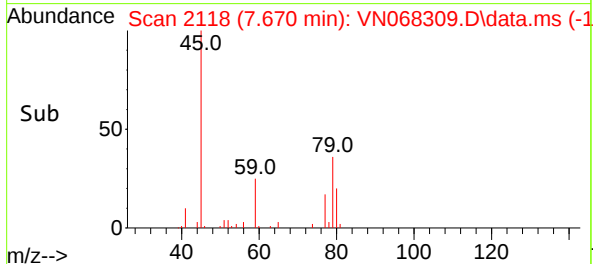
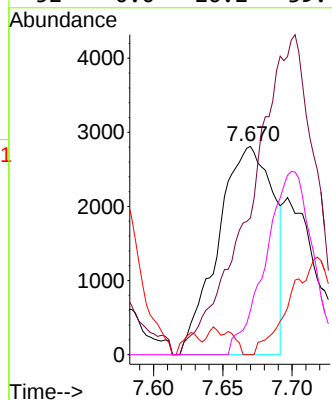
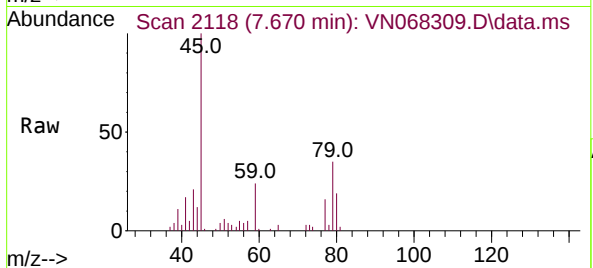




#41
Methacrylonitrile
Concen: 2.600 ug/l
RT: 7.670 min Scan# 2118
Delta R.T. 0.032 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

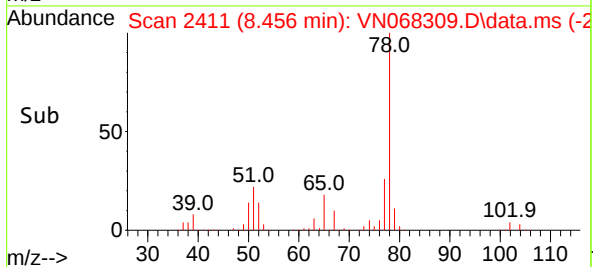
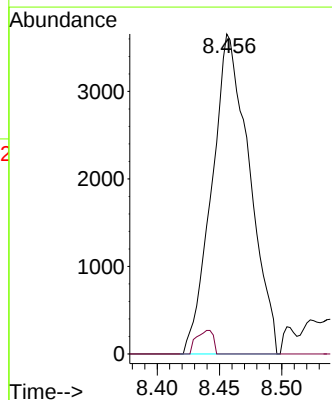
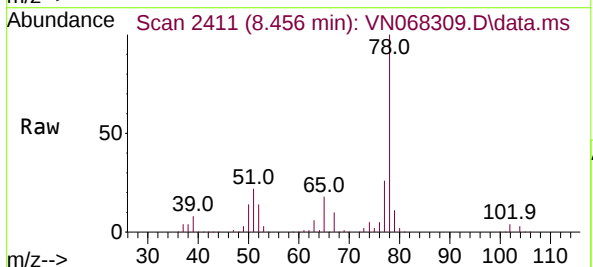
Instrument :
MSVOA_N
ClientSampled :
31114

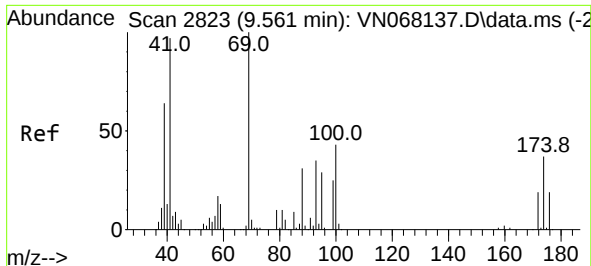
Tgt Ion:	41	Resp:	7803
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#



#42
1,2-Dichloroethane
Concen: 0.956 ug/l
RT: 8.456 min Scan# 2411
Delta R.T. -0.075 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:	62	Resp:	7666
Ion	Ratio	Lower	Upper
62	100		
98	3.3	0.0	14.2

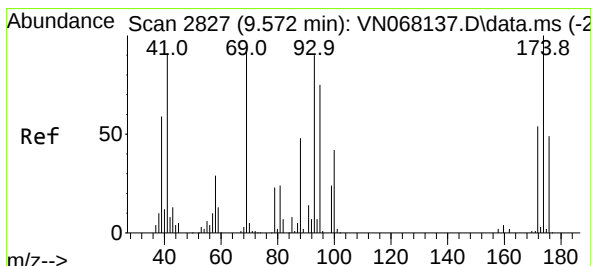
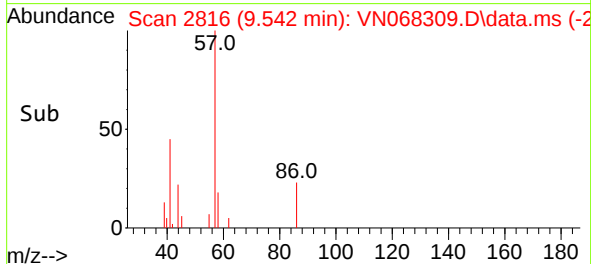
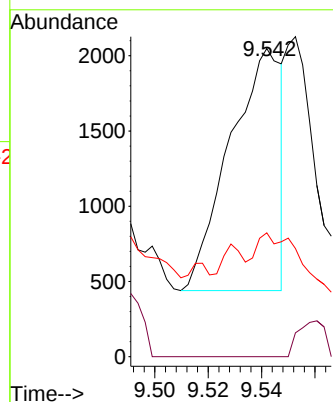
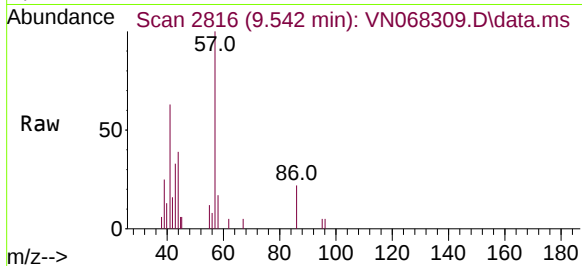




#48
Methyl methacrylate
Concen: 0.491 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

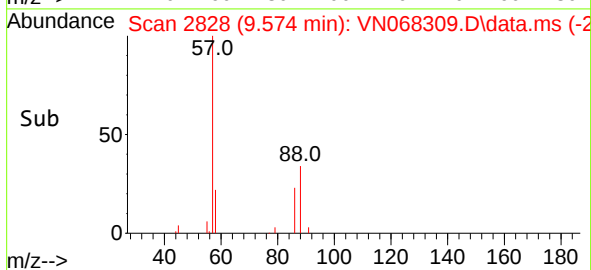
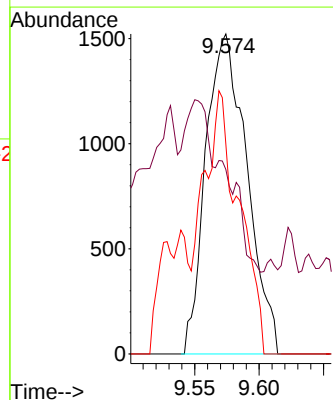
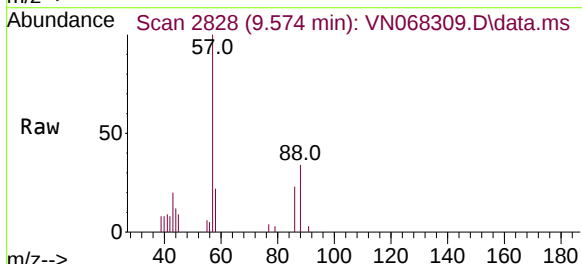
Instrument :
MSVOA_N
ClientSampled :
31114

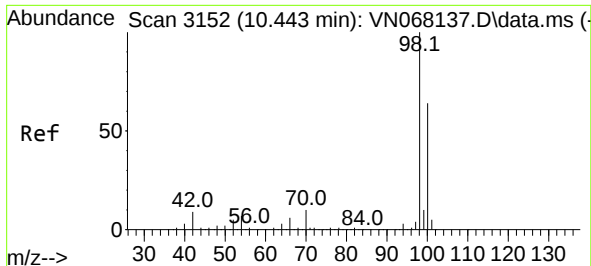
Tgt Ion: 41 Resp: 2153
Ion Ratio Lower Upper
41 100
69 7.6 64.6 96.8#
39 31.2 53.3 79.9#



#49
1,4-Dioxane
Concen: 31.909 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.002 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 88 Resp: 3384
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 71.0 60.4 90.6

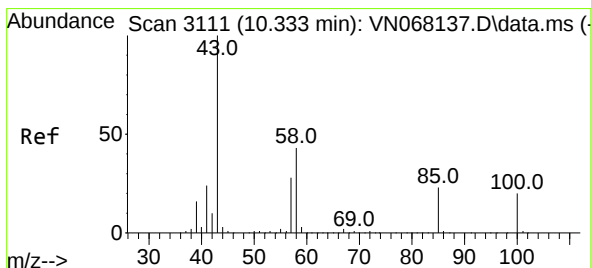
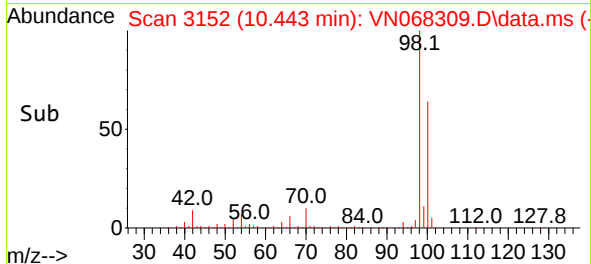
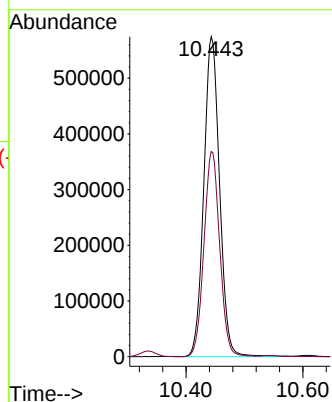
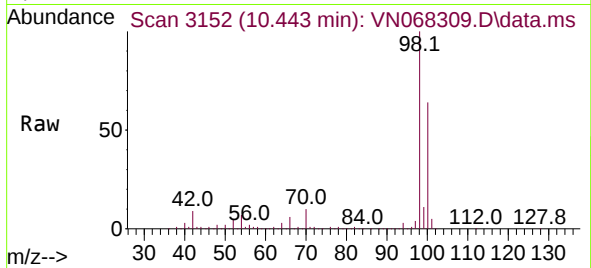




#50
Toluene-d8
Concen: 47.648 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

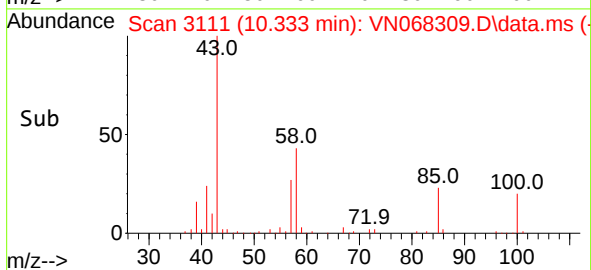
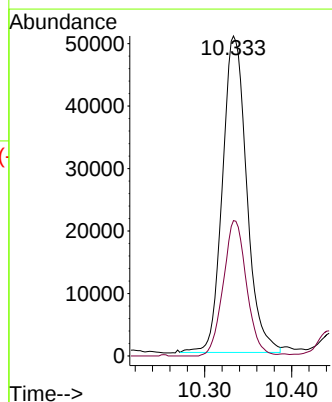
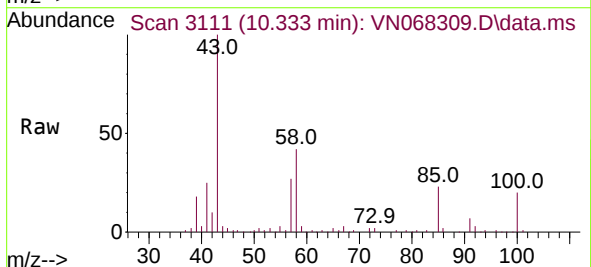
Instrument :
MSVOA_N
ClientSampled :
31114

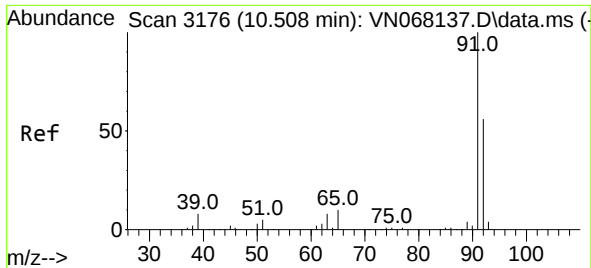
Tgt Ion: 98 Resp: 1075835
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 15.171 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 43 Resp: 98120
Ion Ratio Lower Upper
43 100
58 41.1 28.6 43.0

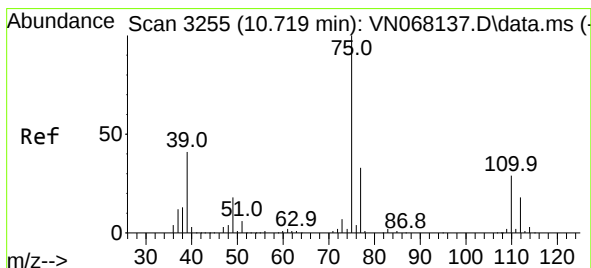
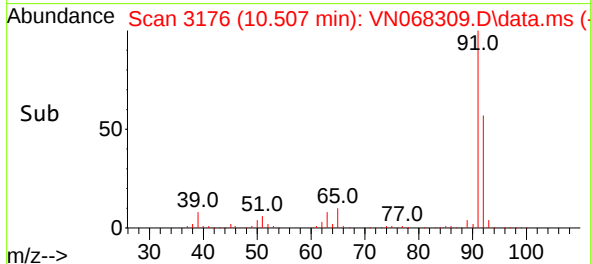
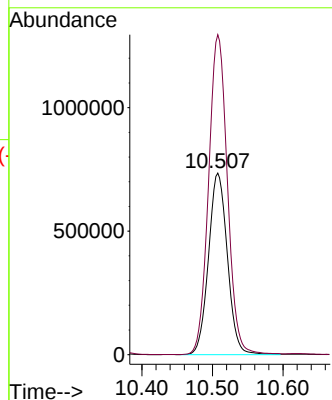
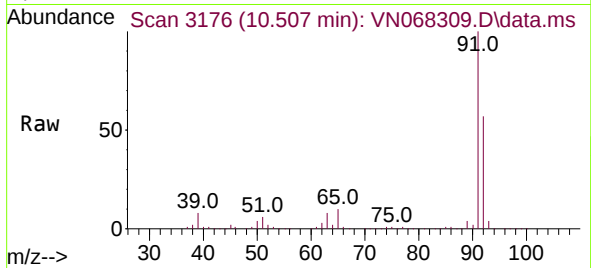




#52
Toluene
Concen: 85.111 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

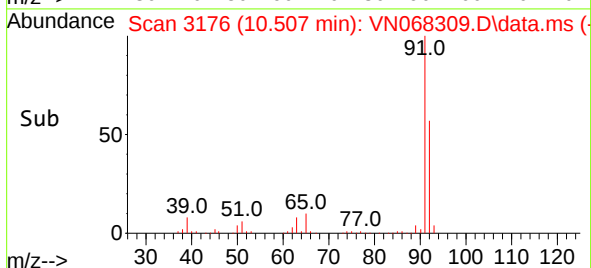
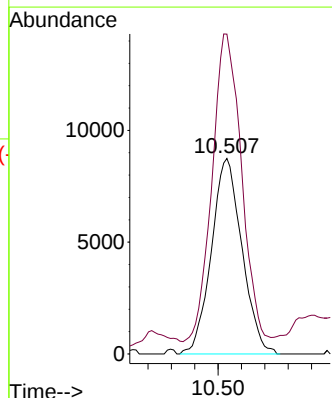
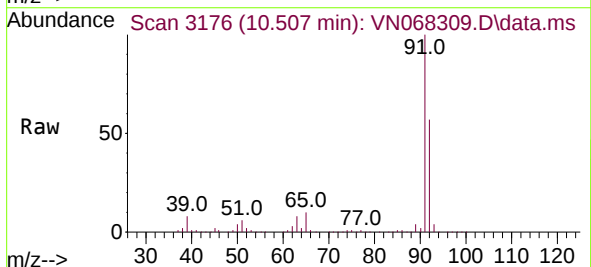
Instrument :
MSVOA_N
ClientSampled :
31114

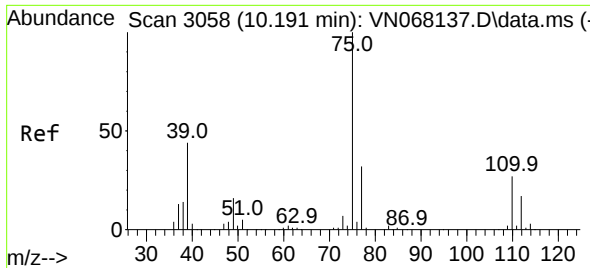
Tgt Ion: 92 Resp: 1366359
Ion Ratio Lower Upper
92 100
91 176.0 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.927 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.212 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 75 Resp: 15894
Ion Ratio Lower Upper
75 100
77 157.0 25.1 37.7#

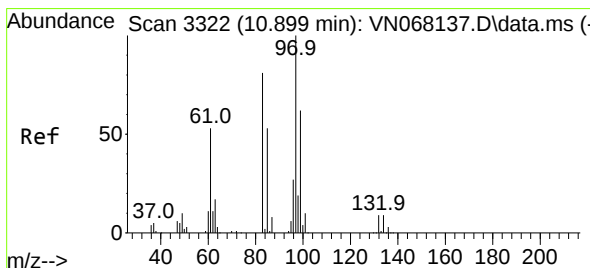
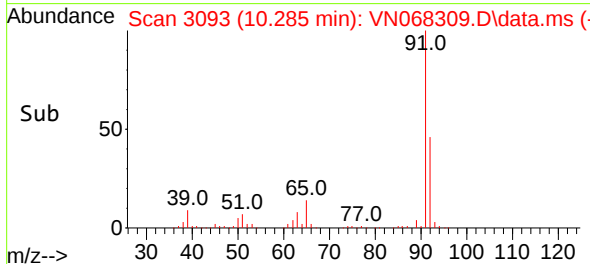
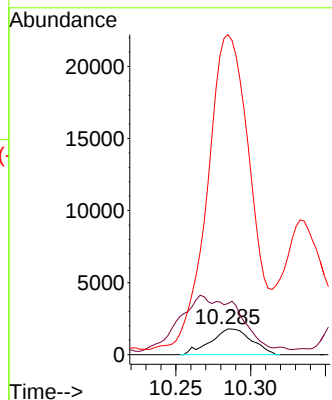
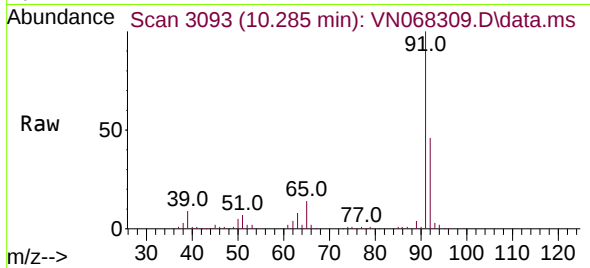




#54
cis-1,3-Dichloropropene
Concen: 0.380 ug/l
RT: 10.285 min Scan# 3093
Delta R.T. 0.094 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

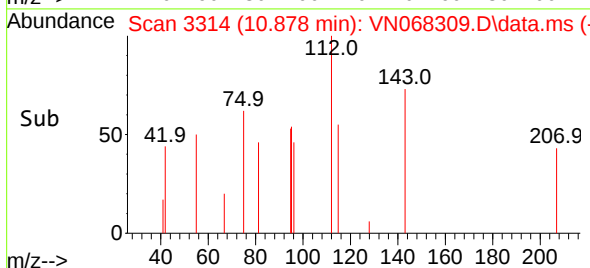
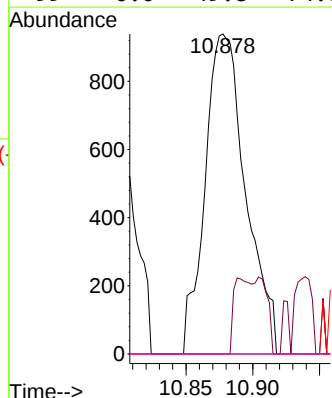
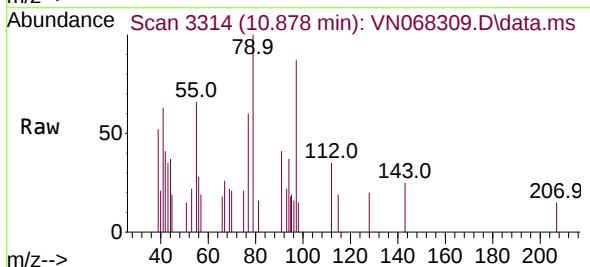
Instrument :
MSVOA_N
ClientSampled :
31114

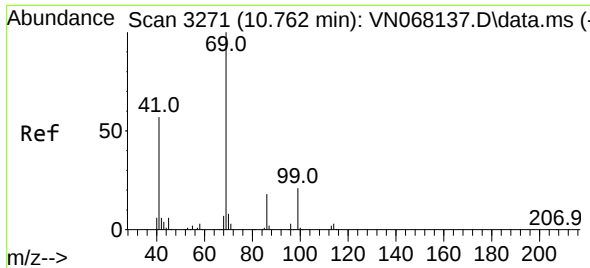
Tgt Ion: 75 Resp: 3392
Ion Ratio Lower Upper
75 100
77 168.9 24.6 37.0#
39 1162.5 50.7 76.1#



#55
1,1,2-Trichloroethane
Concen: 0.312 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 97 Resp: 2000
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 46.8 70.2#
99 0.0 49.8 74.6#

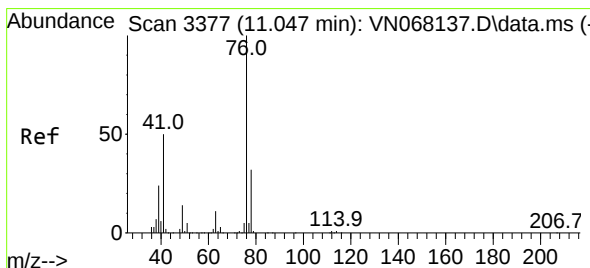
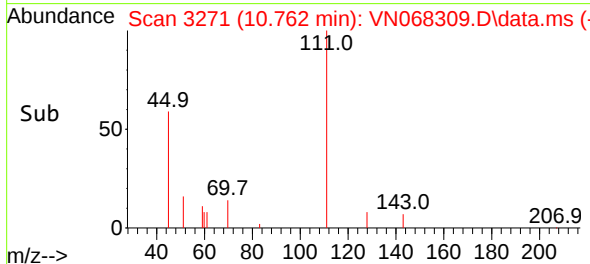
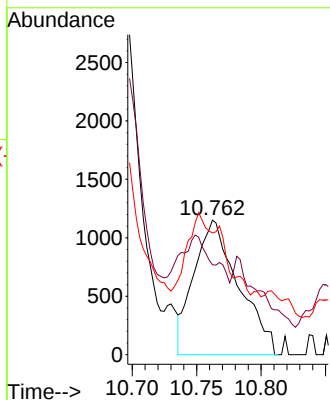
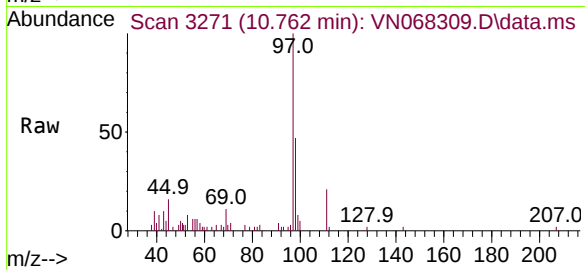




#56
Ethyl methacrylate
Concen: 0.337 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

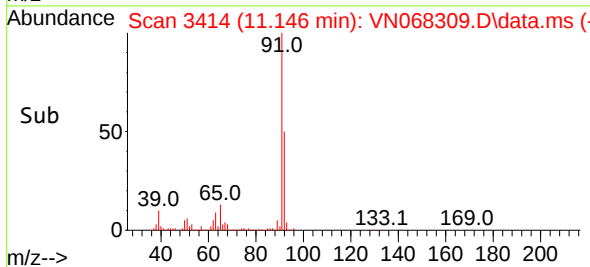
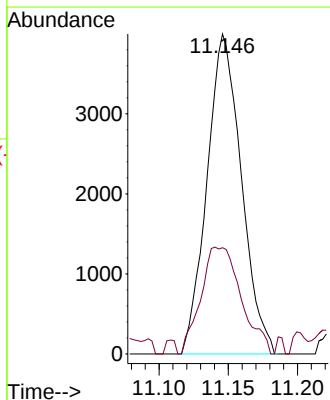
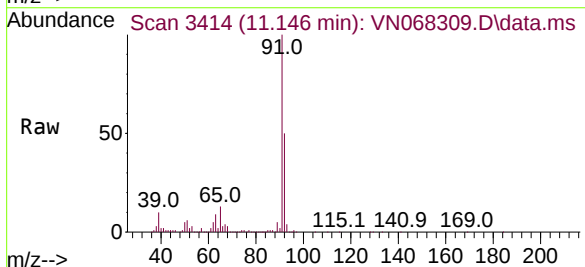
Instrument :
MSVOA_N
ClientSampled :
31114

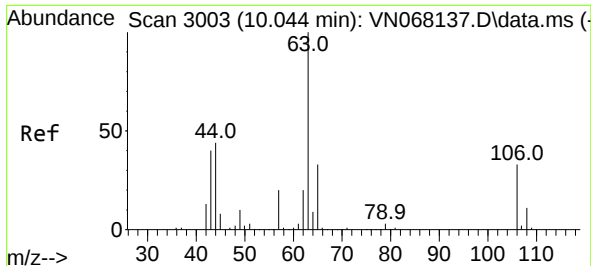
Tgt Ion: 69 Resp: 2778
Ion Ratio Lower Upper
69 100
41 23.4 58.6 88.0#
39 0.0 38.3 57.5#



#57
1,3-Dichloropropane
Concen: 0.699 ug/l
RT: 11.146 min Scan# 3414
Delta R.T. 0.099 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 76 Resp: 6904
Ion Ratio Lower Upper
76 100
78 39.2 25.7 38.5#

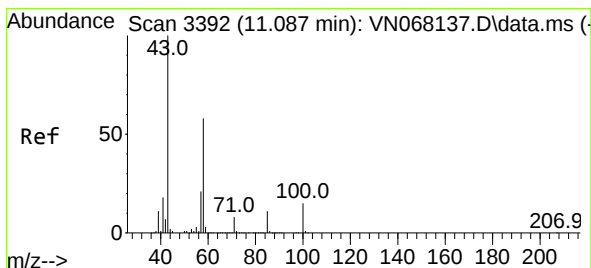
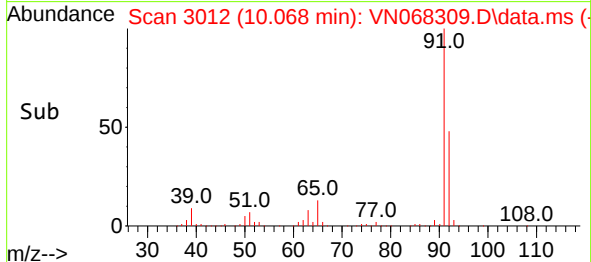
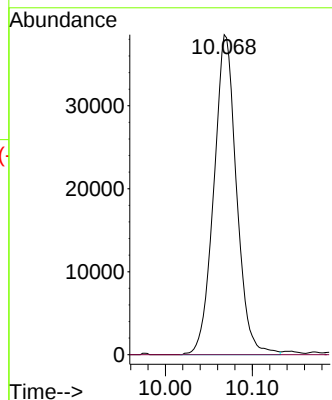
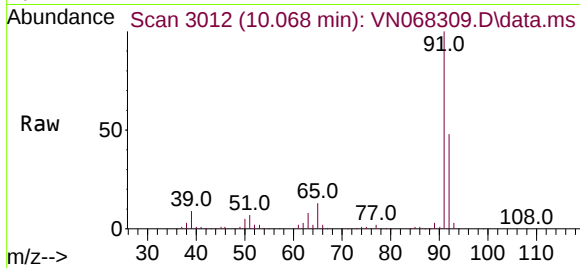




#58
2-Chloroethyl Vinyl ether
Concen: 55.304 ug/l
RT: 10.068 min Scan# 3012
Delta R.T. 0.024 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

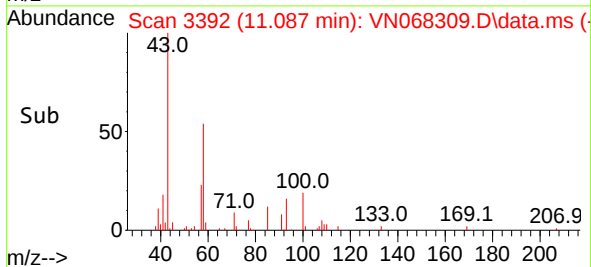
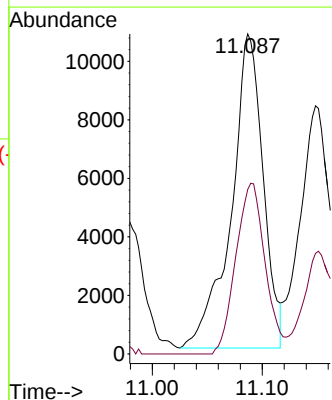
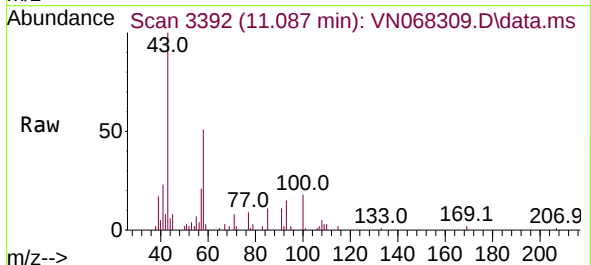
Instrument :
MSVOA_N
ClientSampled :
31114

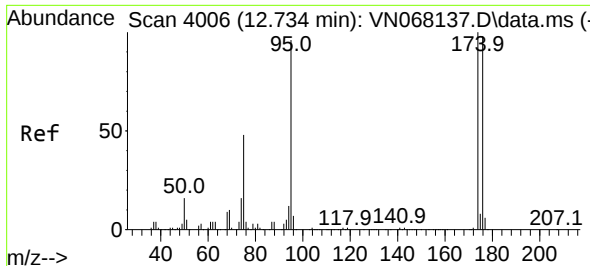
Tgt Ion: 63 Resp: 69922
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 4.812 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 43 Resp: 21608
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1

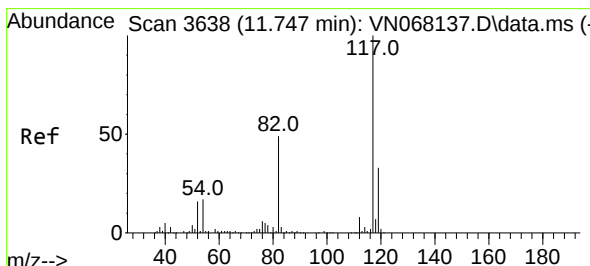
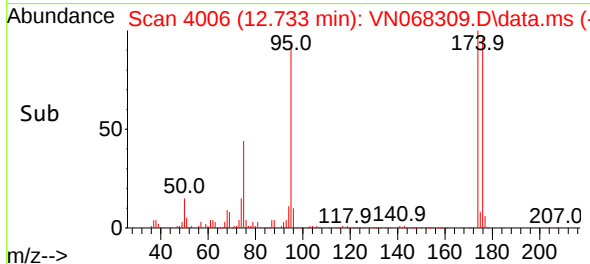
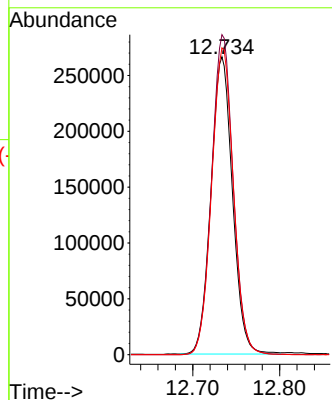
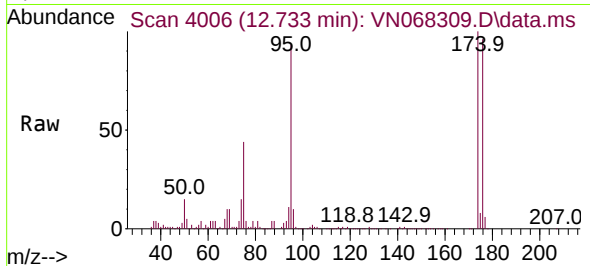




#62
4-Bromofluorobenzene
Concen: 60.989 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

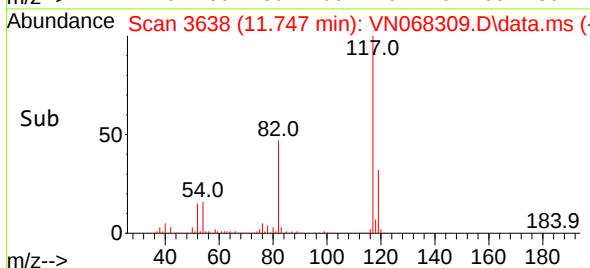
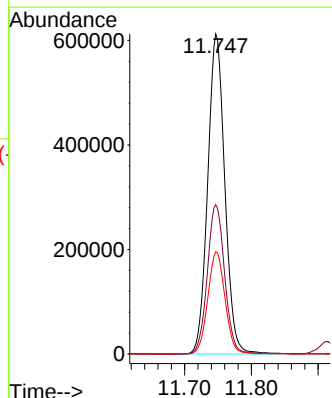
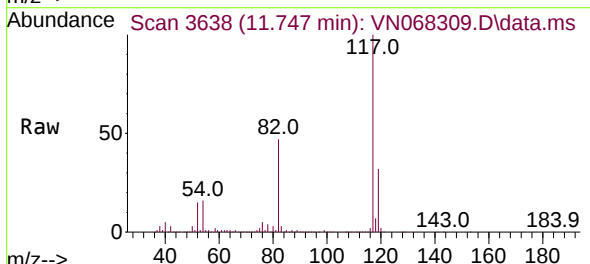
Instrument :
MSVOA_N
ClientSampled :
31114

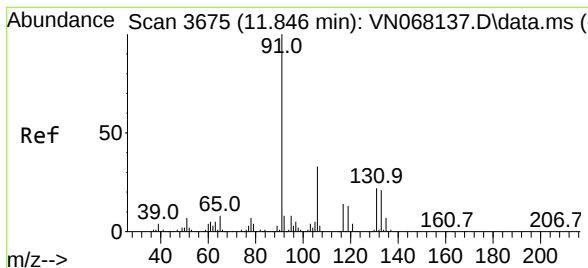
Tgt Ion: 95 Resp: 458414
Ion Ratio Lower Upper
95 100
174 108.0 0.0 122.0
176 104.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 117 Resp: 1088876
Ion Ratio Lower Upper
117 100
82 46.7 53.1 79.7#
119 32.0 25.5 38.3

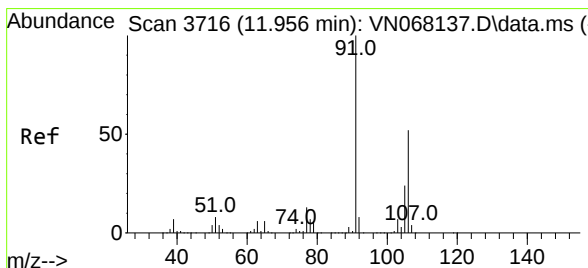
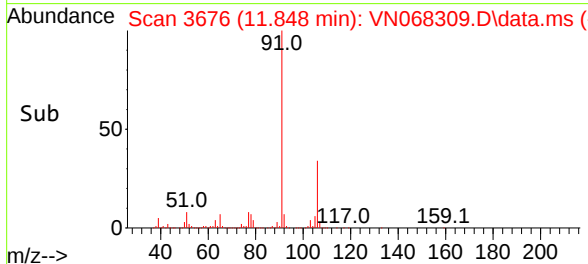
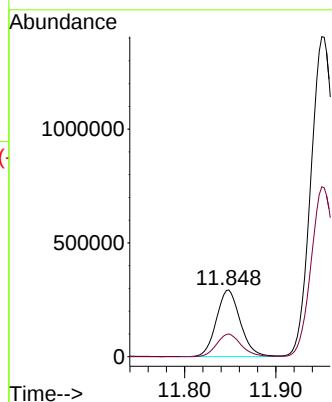
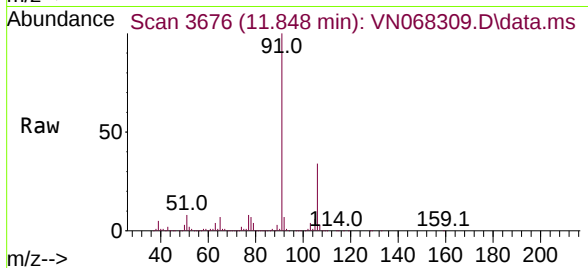




#67
Ethyl Benzene
Concen: 14.537 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

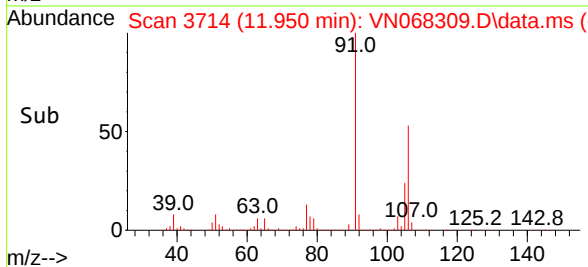
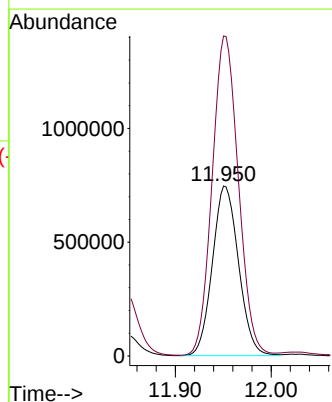
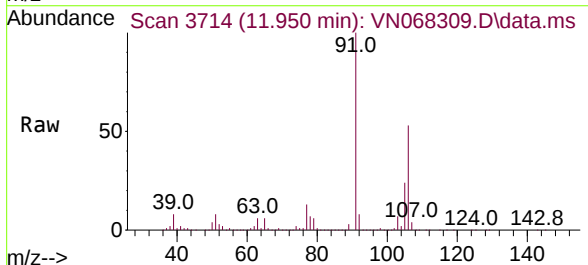
Instrument :
MSVOA_N
ClientSampled :
31114

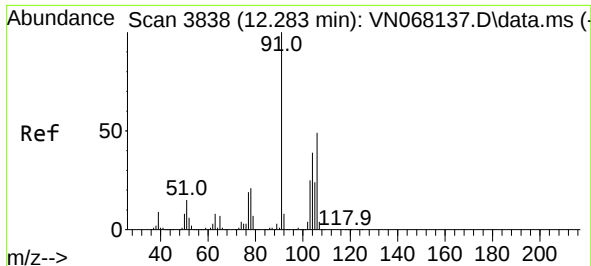
Tgt Ion: 91 Resp: 534585
Ion Ratio Lower Upper
91 100
106 34.0 23.4 35.0



#68
m/p-Xylenes
Concen: 95.890 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:106 Resp: 1410640
Ion Ratio Lower Upper
106 100
91 188.7 180.6 270.8

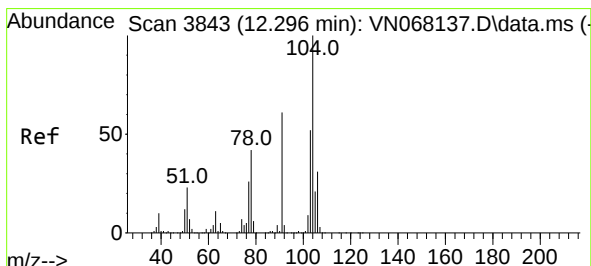
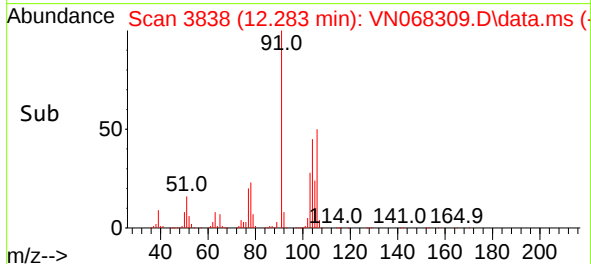
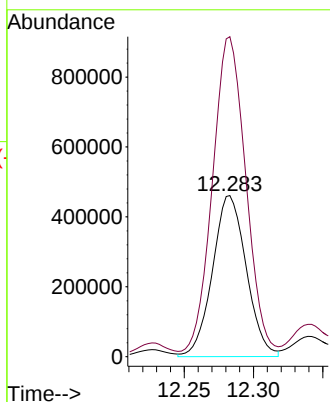
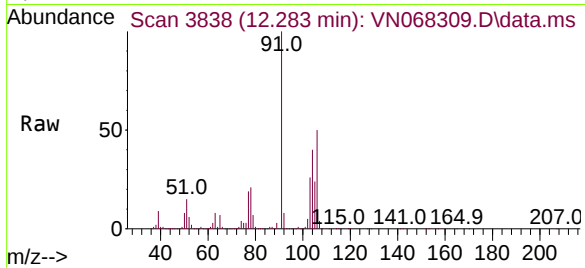




#69
o-Xylene
Concen: 55.047 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

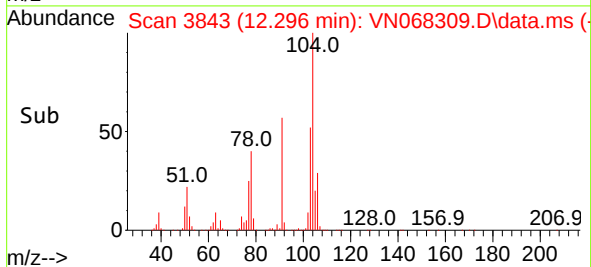
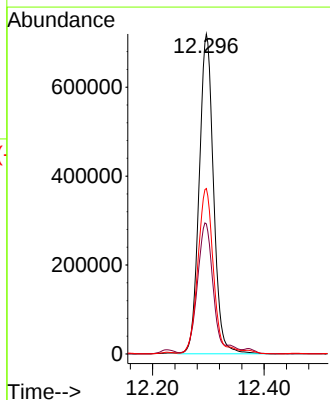
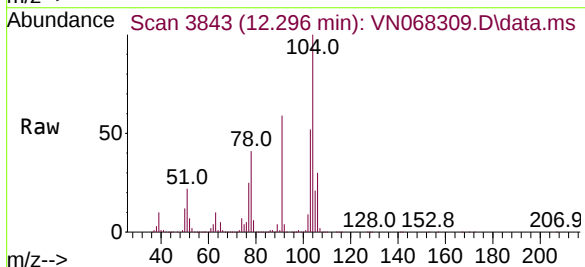
Instrument :
MSVOA_N
ClientSampled :
31114

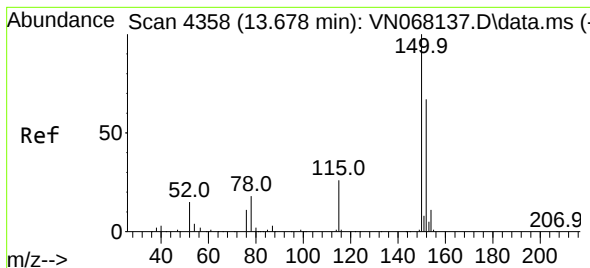
Tgt Ion:106 Resp: 782438
Ion Ratio Lower Upper
106 100
91 189.9 118.3 354.9



#70
Styrene
Concen: 56.595 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:104 Resp: 1287622
Ion Ratio Lower Upper
104 100
78 44.6 48.2 72.2#
103 55.4 44.5 66.7

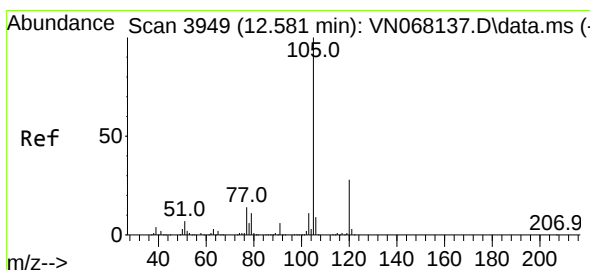
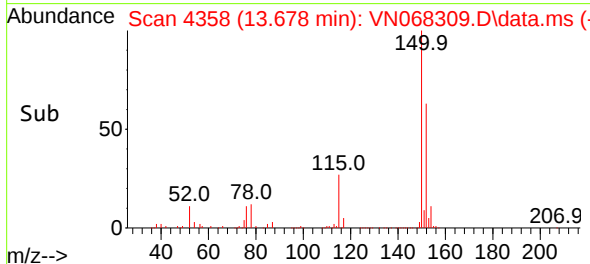
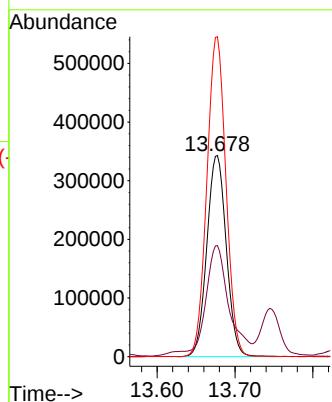
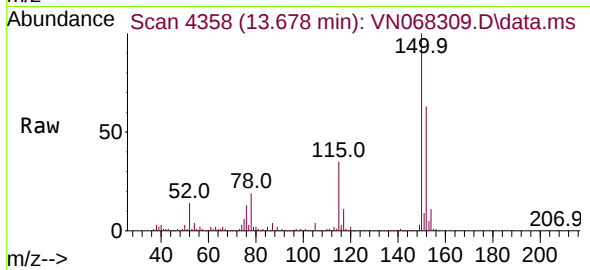




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

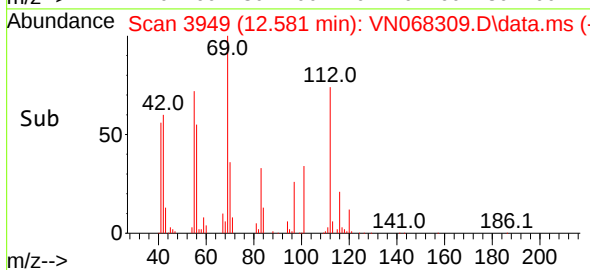
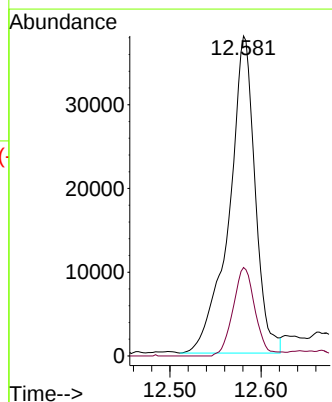
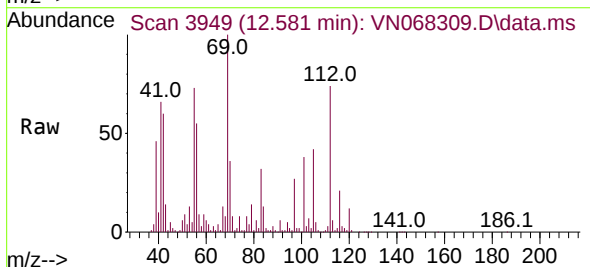
Instrument :
MSVOA_N
ClientSampled :
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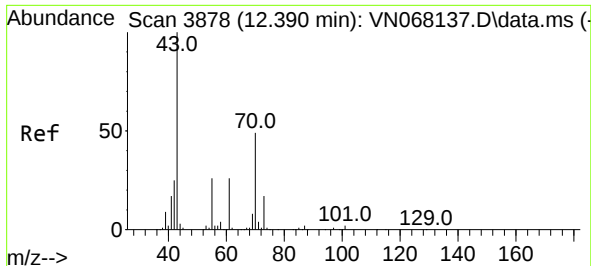
Tgt Ion:152 Resp: 597607
Ion Ratio Lower Upper
152 100
115 67.1 36.1 108.5
150 155.3 0.0 351.8



#73
Isopropylbenzene
Concen: 1.775 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:105 Resp: 75423
Ion Ratio Lower Upper
105 100
120 23.8 12.5 37.5

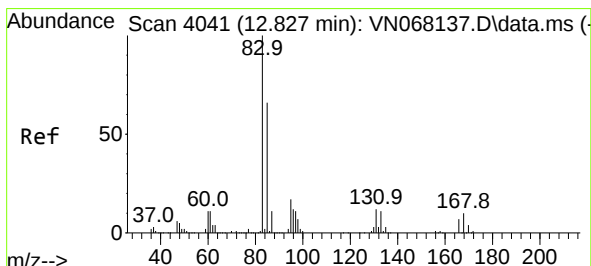
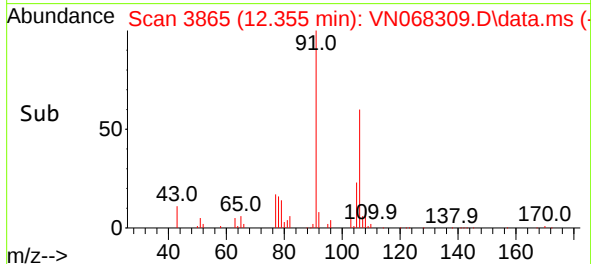
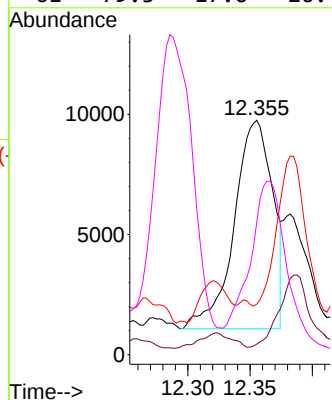
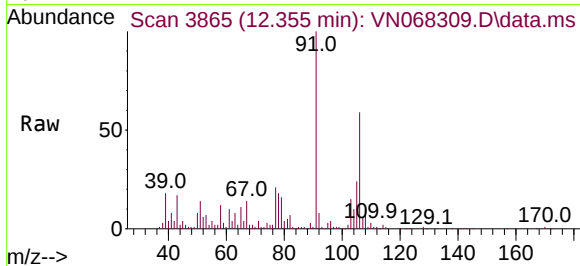




#74
N-amy1 acetate
Concen: 1.686 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.035 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

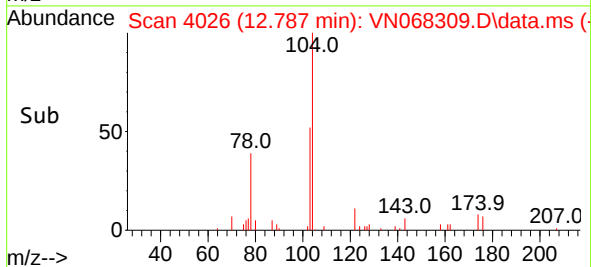
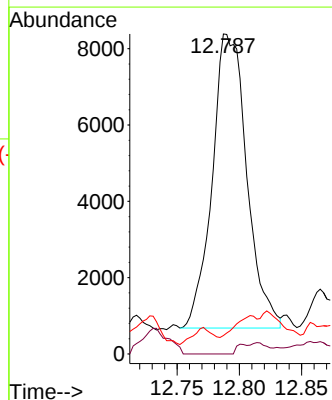
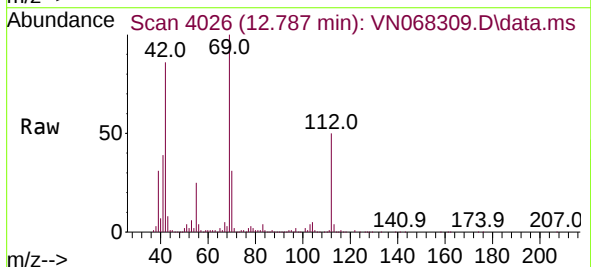
Instrument :
MSVOA_N
ClientSampled :
31114

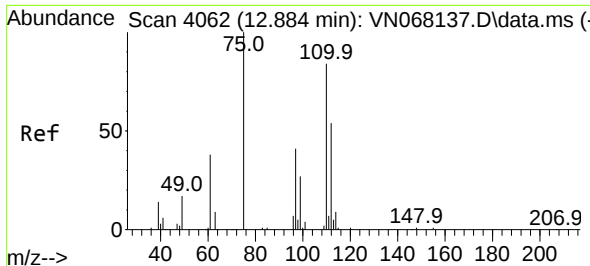
Tgt Ion: 43	Resp: 18663
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.2#
55 0.0	17.0 25.4#
61 79.3	17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.168 ug/l
RT: 12.787 min Scan# 4026
Delta R.T. -0.040 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 83	Resp: 14894
Ion Ratio	Lower Upper
83 100	
131 0.8	4.8 14.4#
85 0.0	32.2 96.6#

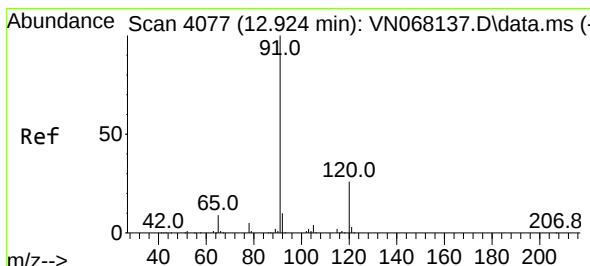
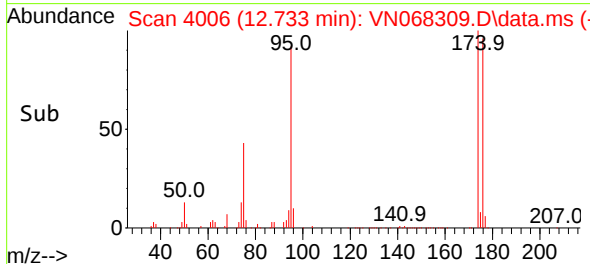
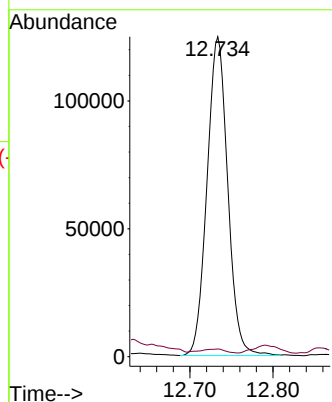
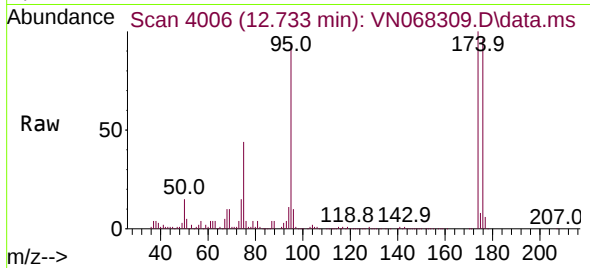




#76
1,2,3-Trichloropropane
Concen: 21.719 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

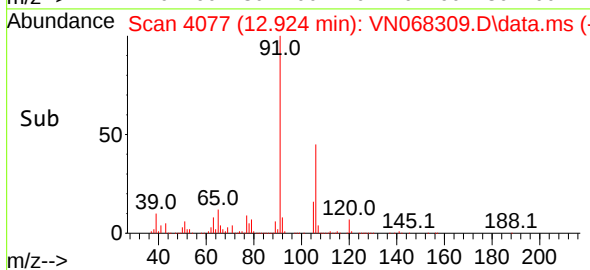
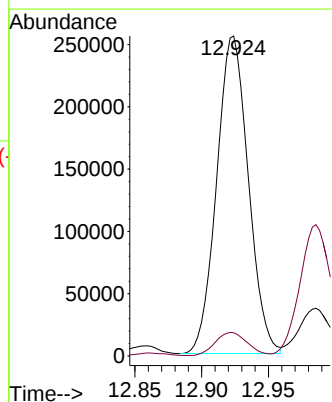
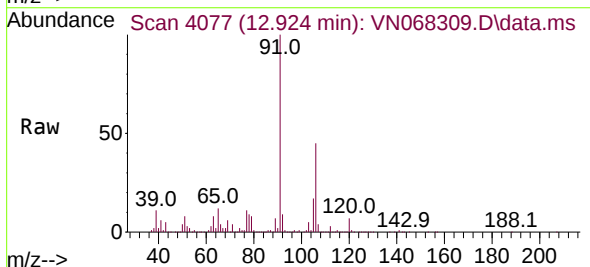
Instrument :
MSVOA_N
ClientSampled :
31114

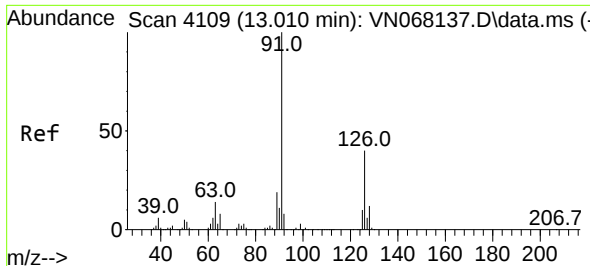
Tgt Ion: 75 Resp: 215735
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#78
n-propylbenzene
Concen: 9.244 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 91 Resp: 421436
Ion Ratio Lower Upper
91 100
120 7.3 10.4 31.4#

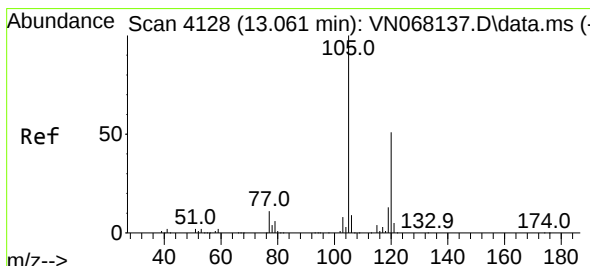
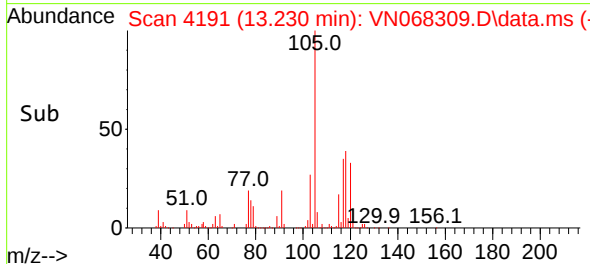
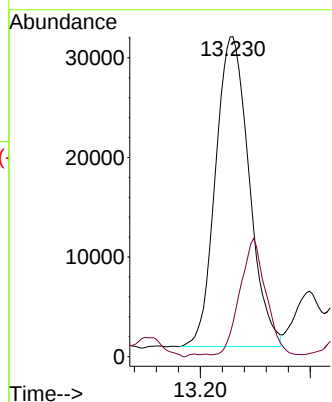
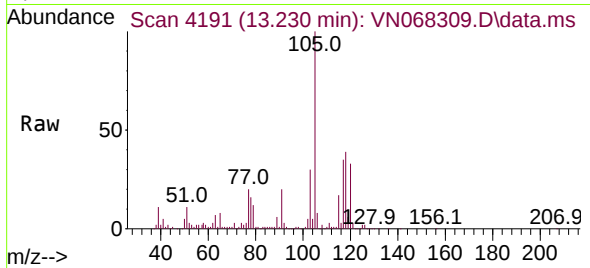




#79
2-Chlorotoluene
Concen: 2.340 ug/l
RT: 13.230 min Scan# 4191
Delta R.T. 0.220 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

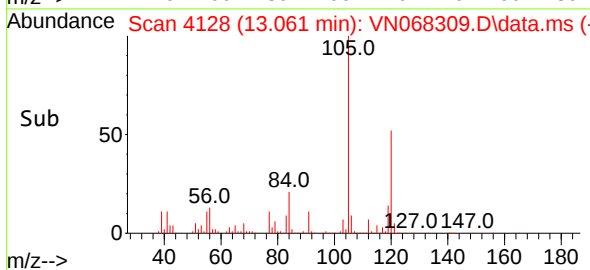
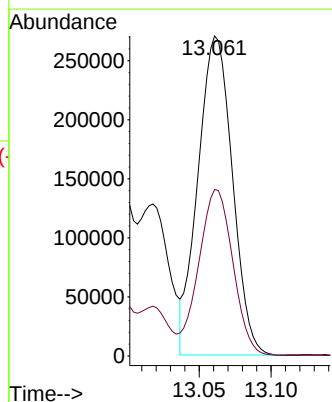
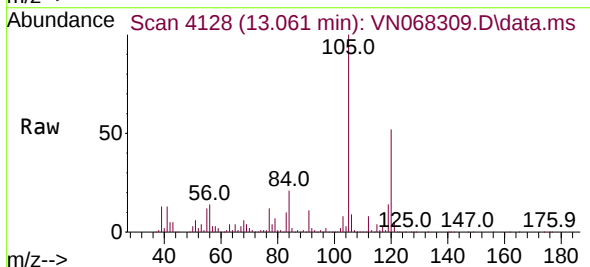
Instrument :
MSVOA_N
ClientSampled :
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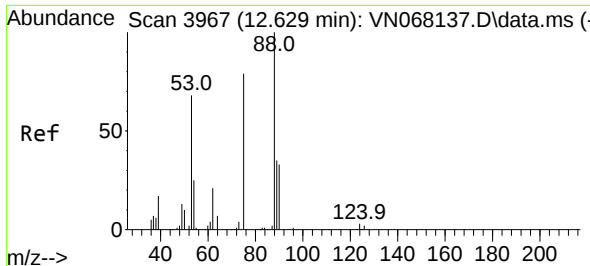
Tgt Ion: 91 Resp: 65992
Ion Ratio Lower Upper
91 100
126 28.7 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 13.077 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 105 Resp: 449649
Ion Ratio Lower Upper
105 100
120 52.1 22.2 66.6

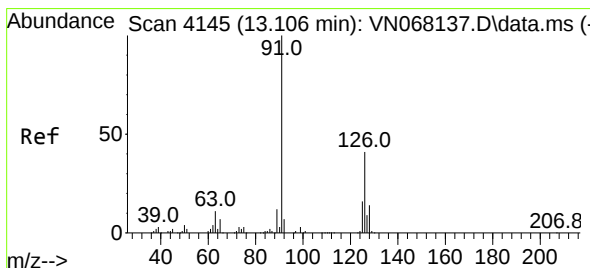
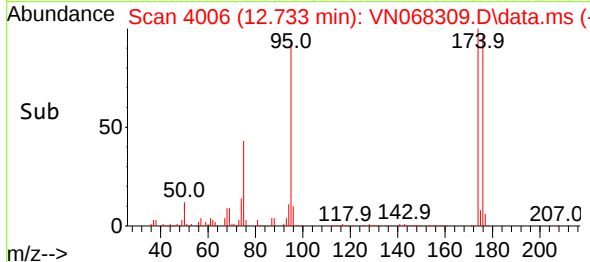
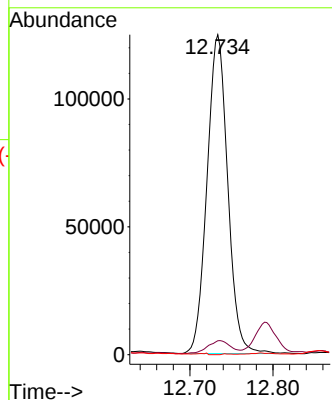
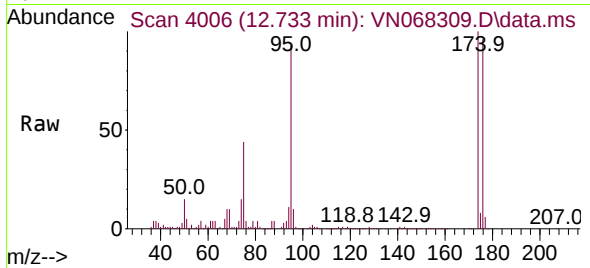




#81
trans-1,4-Dichloro-2-butene
Concen: 71.156 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

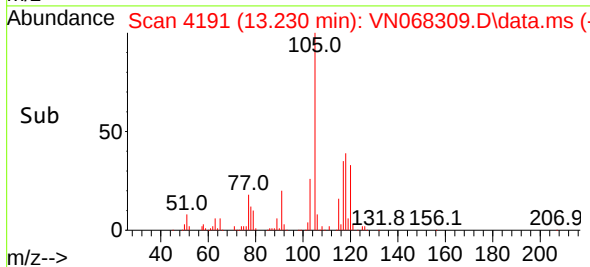
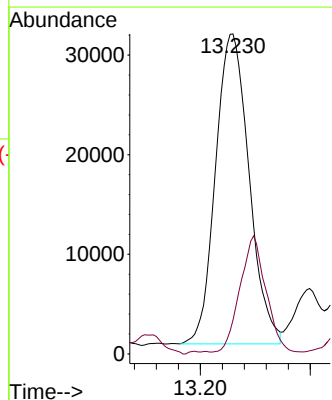
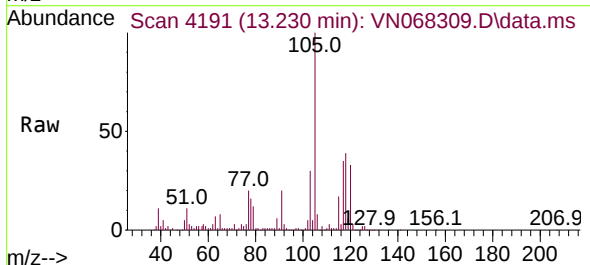
Instrument :
MSVOA_N
ClientSampled :
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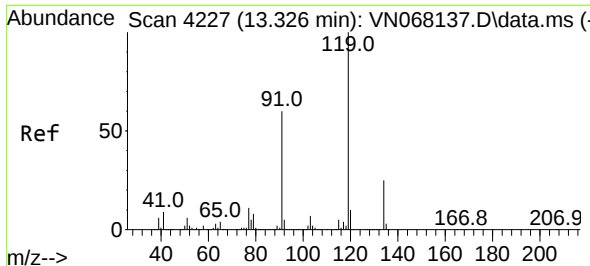
Tgt Ion: 75 Resp: 215735
Ion Ratio Lower Upper
75 100
53 4.5 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 2.411 ug/l
RT: 13.230 min Scan# 4191
Delta R.T. 0.124 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 91 Resp: 65992
Ion Ratio Lower Upper
91 100
126 28.7 14.8 44.4

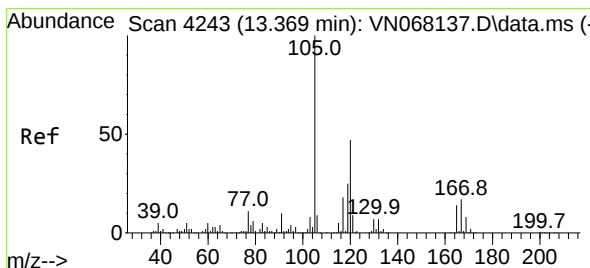
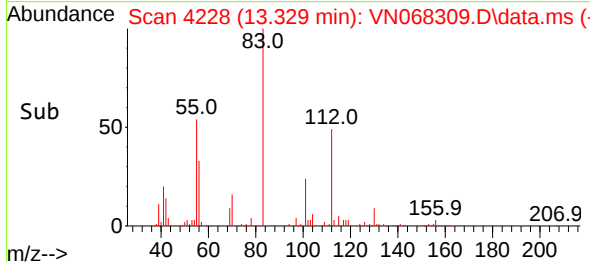
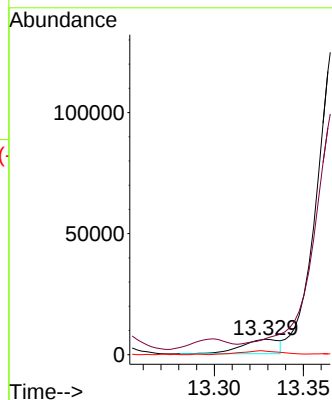
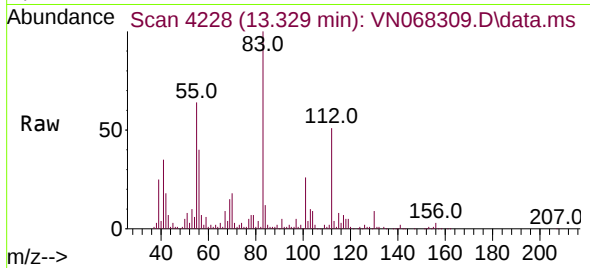




#83
tert-Butylbenzene
Concen: 0.290 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

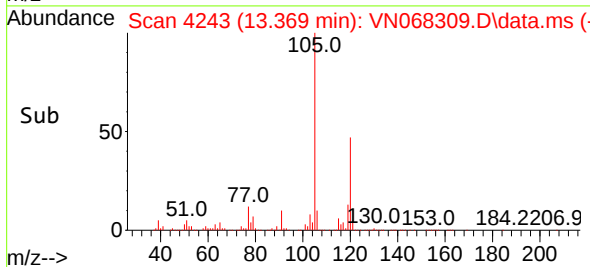
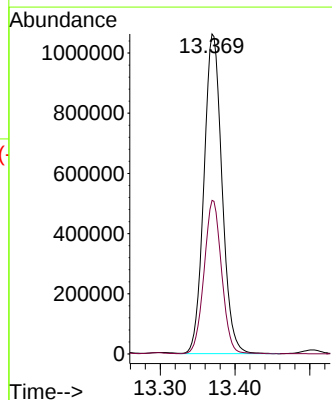
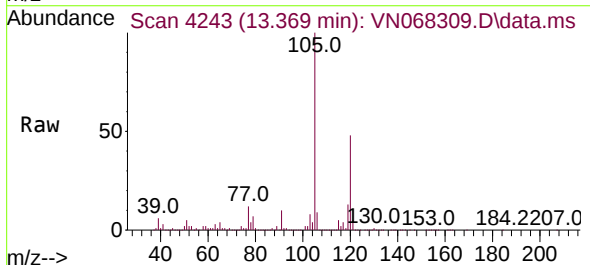
Instrument :
MSVOA_N
ClientSampled :
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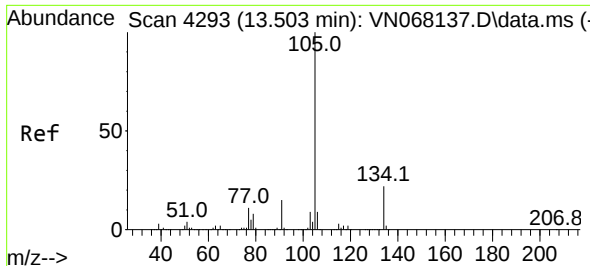
Tgt Ion:119 Resp: 8853
Ion Ratio Lower Upper
119 100
91 0.0 39.5 118.5#
134 29.5 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 53.165 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:105 Resp: 1784500
Ion Ratio Lower Upper
105 100
120 46.4 20.6 61.8

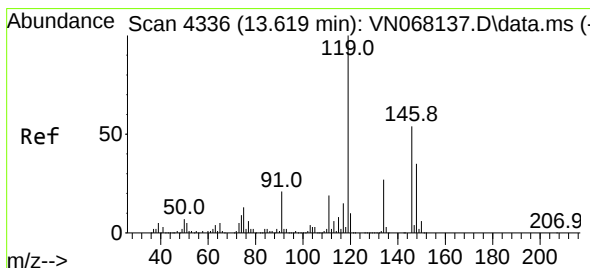
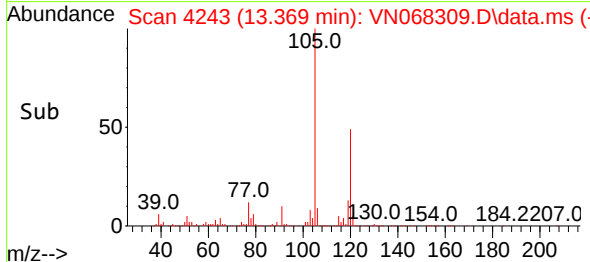
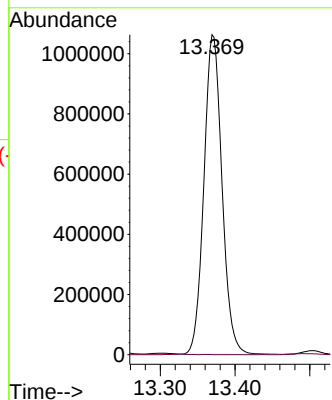
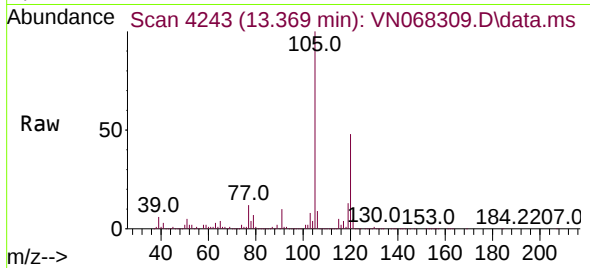




#85
 sec-Butylbenzene
 Concen: 44.388 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. -0.134 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

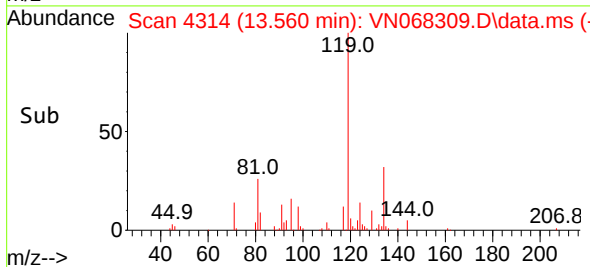
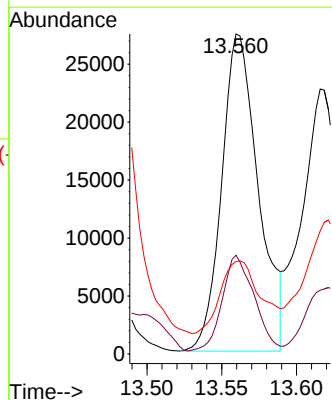
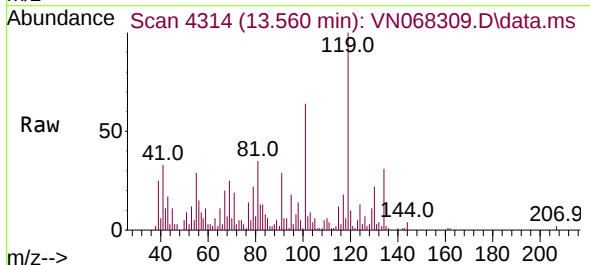
Instrument :
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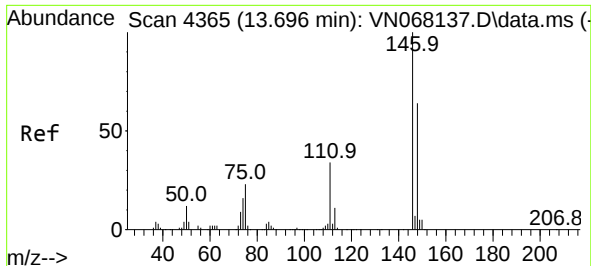
Tgt Ion:105 Resp: 1784500
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.0 27.1#



#86
 p-Isopropyltoluene
 Concen: 1.407 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.059 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

Tgt Ion:119 Resp: 46694
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.4 37.4
 91 25.2 14.8 44.3

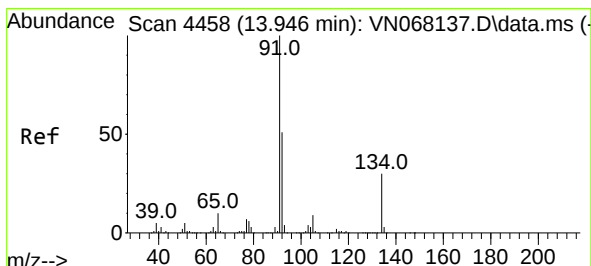
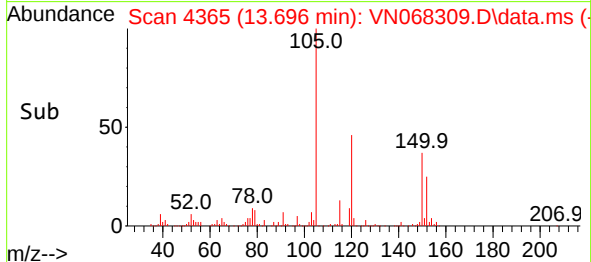
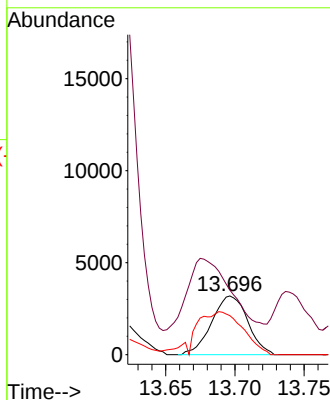
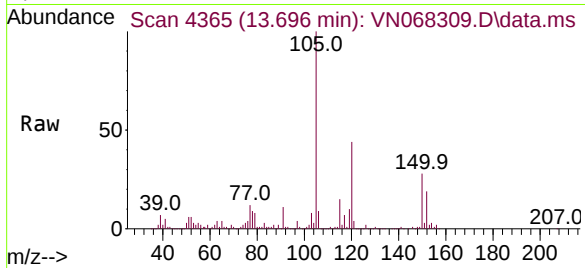




#88
1,4-Dichlorobenzene
Concen: 0.285 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

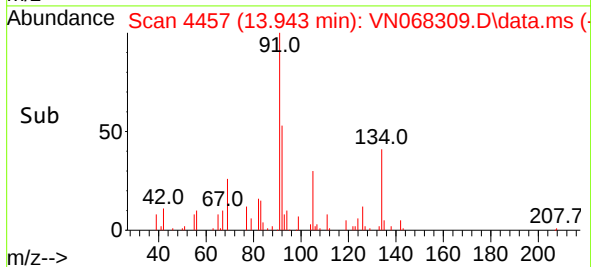
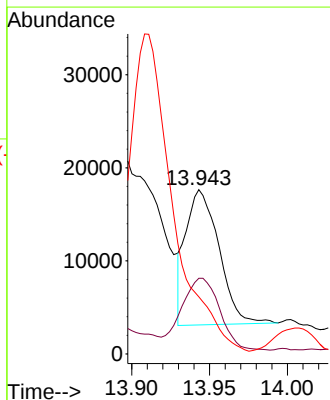
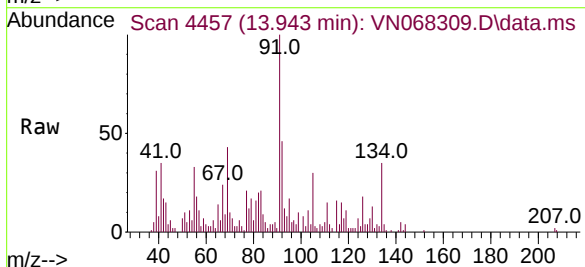
Instrument :
MSVOA_N
ClientSampleId :
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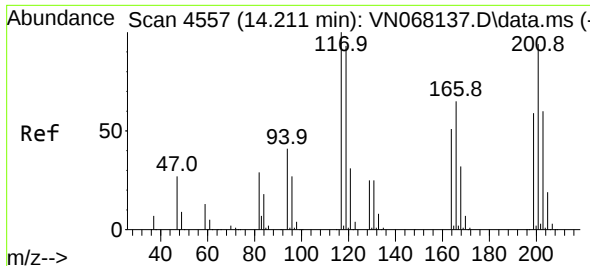
Tgt Ion:146 Resp: 5774
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.2#
148 96.9 31.8 95.3#



#89
n-Butylbenzene
Concen: 0.868 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion: 91 Resp: 21483
Ion Ratio Lower Upper
91 100
92 61.4 25.7 77.1
134 0.0 11.2 33.6#

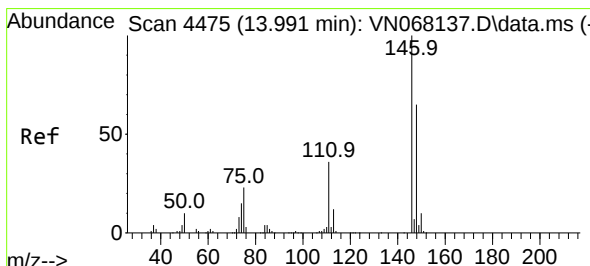
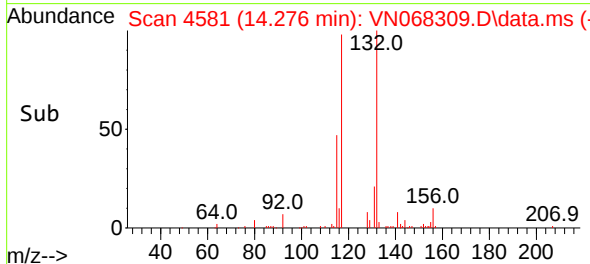
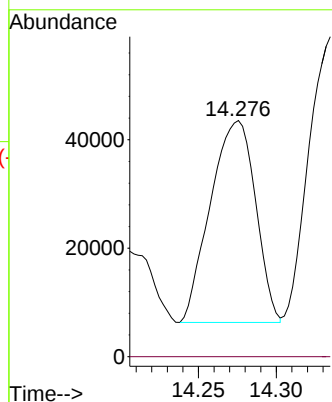
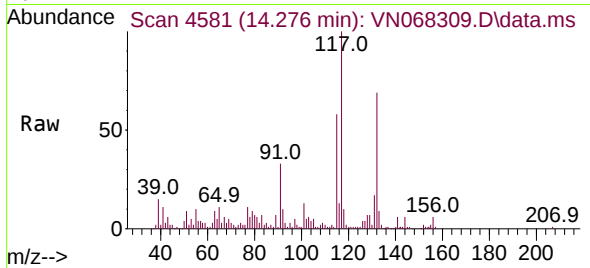




#90
Hexachloroethane
Concen: 12.192 ug/l
RT: 14.276 min Scan# 4581
Delta R.T. 0.065 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

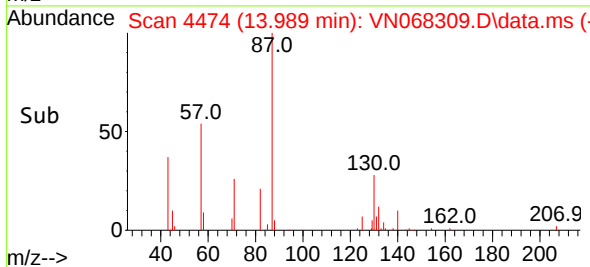
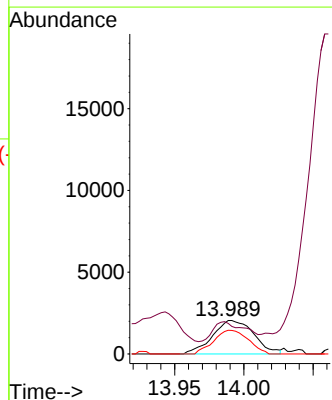
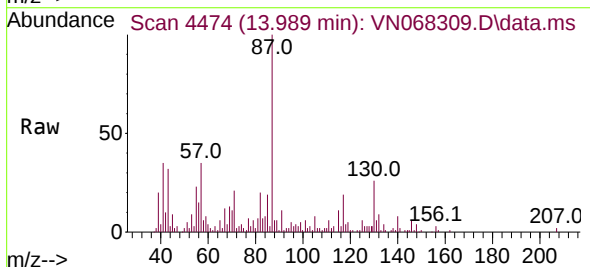
Instrument :
MSVOA_N
ClientSampled :
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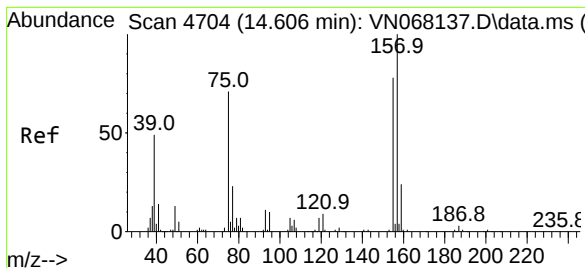
Tgt Ion:117 Resp: 75070
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#91
1,2-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068309.D
Acq: 25 Aug 2021 19:20

Tgt Ion:146 Resp: 4262
Ion Ratio Lower Upper
146 100
111 45.4 24.9 74.6
148 59.0 31.6 95.0

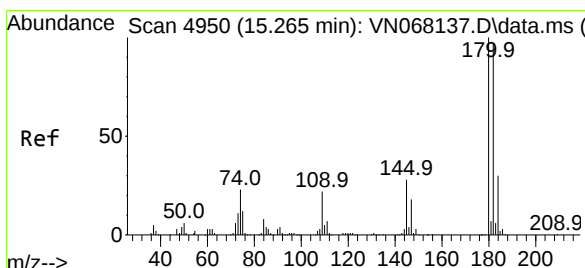
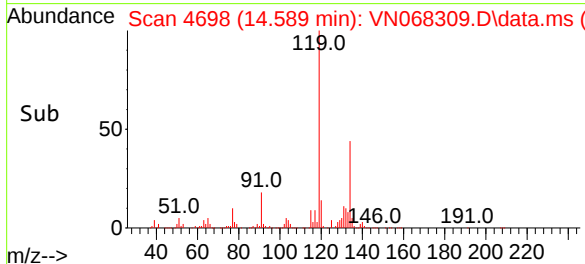
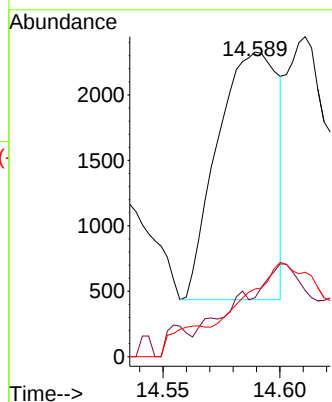
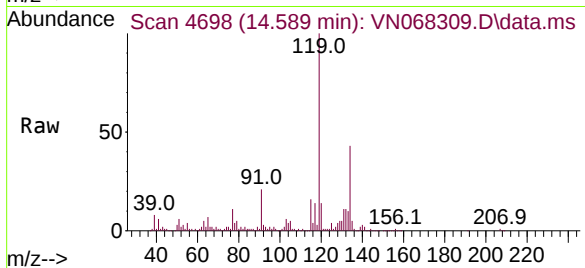




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.761 ug/l
 RT: 14.589 min Scan# 4698
 Delta R.T. -0.017 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

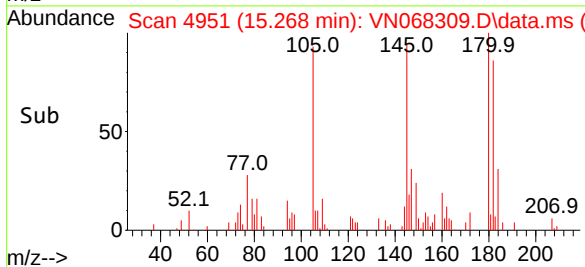
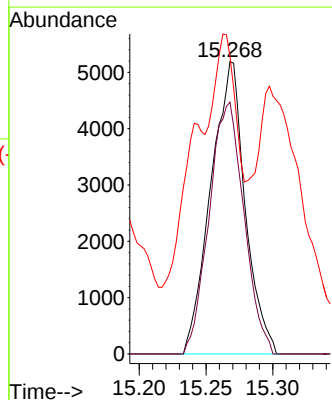
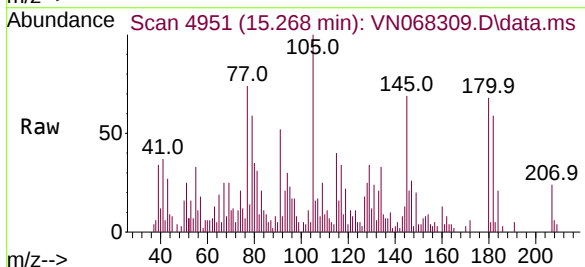
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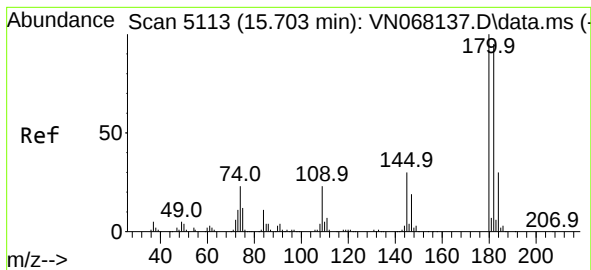
Tgt Ion: 75 Resp: 3400
 Ion Ratio Lower Upper
 75 100
 155 11.2 29.8 89.5#
 157 0.0 37.6 112.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.566 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

Tgt Ion:180 Resp: 9282
 Ion Ratio Lower Upper
 180 100
 182 87.2 47.5 142.5
 145 77.0 17.2 51.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.920 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. -0.001 min
 Lab File: VN068309.D
 Acq: 25 Aug 2021 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 31114

Tgt Ion:180 Resp: 10920
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.8 143.3
 145 0.0 18.2 54.6#

