

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068308.D
 Acq On : 25 Aug 2021 18:55
 Operator : JC/MD
 Sample : M3529-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31113

Quant Time: Aug 26 05:40:15 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	501606	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	797062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	894022	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	556337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234713	43.824	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.640%
35) Dibromofluoromethane	8.024	113	216692	43.302	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.600%
50) Toluene-d8	10.443	98	901072	47.257	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.734	95	398429	62.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.540%

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1578	0.351	ug/l	# 81
4) Vinyl Chloride	2.448	62	1540	0.219	ug/l	# 87
5) Bromomethane	2.824	94	295	Below Cal	#	4
6) Chloroethane	3.014	64	25	Below Cal	#	44
11) Tert butyl alcohol	5.390	59	75137	112.497	ug/l	100
13) Acrolein	4.033	56	672	Below Cal	#	14
14) Allyl chloride	4.787	41	6419	1.235	ug/l	# 41
15) Acrylonitrile	5.551	53	462	0.246	ug/l	# 31
16) Acetone	4.291	43	1131926	723.865	ug/l	# 86
17) Carbon Disulfide	4.521	76	3726	0.354	ug/l	100
18) Methyl Acetate	4.867	43	9446	Below Cal	#	85
20) Methylene Chloride	5.090	84	2653	Below Cal	#	66
25) 2-Butanone	7.343	43	151322	62.095	ug/l	# 87
29) Tetrahydrofuran	7.689	42	1217	0.781	ug/l	# 63
31) Cyclohexane	8.091	56	13799	1.956	ug/l	# 36
36) 1,1-Dichloropropene	8.086	75	31835	4.886	ug/l	# 53
37) Ethyl Acetate	7.343	43	151322	27.261	ug/l	# 69
38) Carbon Tetrachloride	8.086	117	47248	6.287	ug/l	# 16
39) Methylcyclohexane	9.464	83	14531	1.975	ug/l	88
40) Benzene	8.461	78	730970	36.756	ug/l	98
41) Methacrylonitrile	7.665	41	4752	1.875	ug/l	# 22
42) 1,2-Dichloroethane	8.464	62	6324	0.934	ug/l	84
48) Methyl methacrylate	9.545	41	5191	1.401	ug/l	# 19
49) 1,4-Dioxane	9.569	88	3170	35.395	ug/l	# 73
51) 4-Methyl-2-Pentanone	10.333	43	81876	14.990	ug/l	88
52) Toluene	10.508	92	913592	67.387	ug/l	99
53) t-1,3-Dichloropropene	10.508	75	10179	1.462	ug/l	# 1
55) 1,1,2-Trichloroethane	10.883	97	2919	0.539	ug/l	# 24
56) Ethyl methacrylate	10.765	69	2253	0.324	ug/l	# 19
57) 1,3-Dichloropropane	11.146	76	5174	0.620	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.070	63	56931	53.988	ug/l	# 50
59) 2-Hexanone	11.087	43	28219	7.441	ug/l	98
64) Tetrachloroethene	10.982	164	3815	0.552	ug/l	# 85
67) Ethyl Benzene	11.848	91	322217	10.672	ug/l	93
68) m/p-Xylenes	11.950	106	988660	81.853	ug/l	79
69) o-Xylene	12.283	106	509790	43.682	ug/l	84

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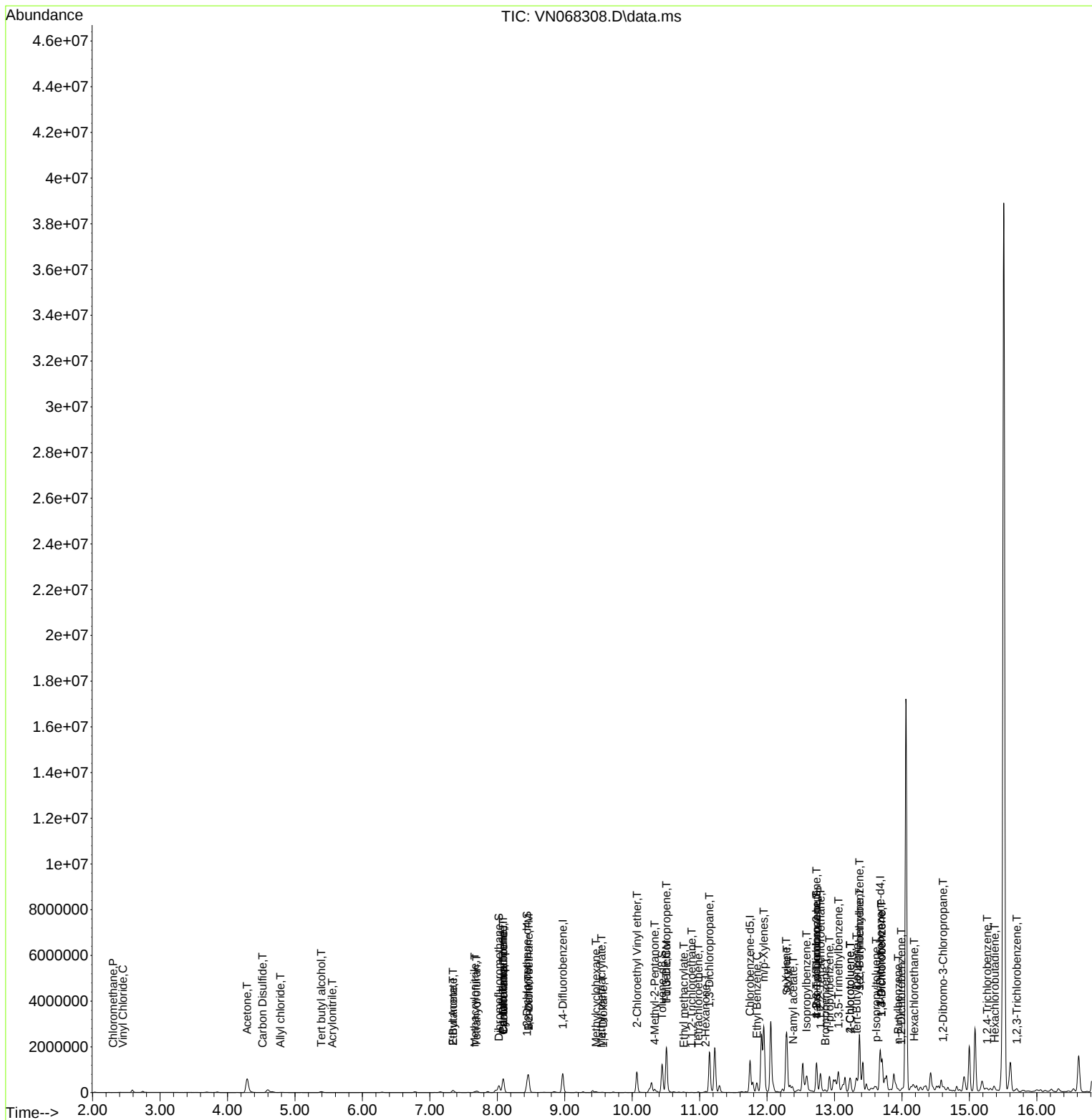
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 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
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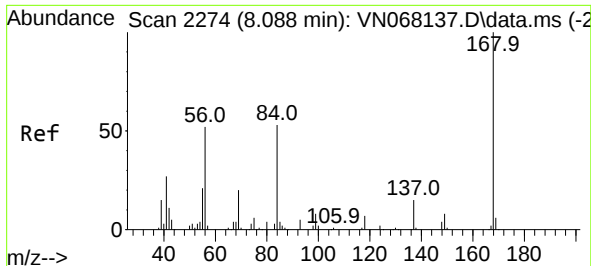
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.296	104	850799	45.546	ug/l #	88
73) Isopropylbenzene	12.583	105	54003	1.365	ug/l	99
74) N-amyl acetate	12.388	43	11708	1.136	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.793	83	13409	1.130	ug/l #	25
76) 1,2,3-Trichloropropane	12.734	75	191845	20.747	ug/l #	100
77) Bromobenzene	12.862	156	3251	0.298	ug/l	75
78) n-propylbenzene	12.924	91	337517	7.952	ug/l #	69
79) 2-Chlorotoluene	13.232	91	54678	2.083	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	318145	9.939	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.734	75	191845	67.971	ug/l #	9
82) 4-Chlorotoluene	13.232	91	54678	2.146	ug/l	89
83) tert-Butylbenzene	13.326	119	11170	0.393	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.369	105	1473223	47.147	ug/l	93
85) sec-Butylbenzene	13.369	105	1473223	39.363	ug/l #	59
86) p-Isopropyltoluene	13.619	119	46520	1.506	ug/l	88
87) 1,3-Dichlorobenzene	13.696	146	15242	0.820	ug/l	75
88) 1,4-Dichlorobenzene	13.696	146	15242	0.809	ug/l	73
89) n-Butylbenzene	13.943	91	40948	1.777	ug/l #	83
90) Hexachloroethane	14.182	117	66525	11.606	ug/l #	16
91) 1,2-Dichlorobenzene	13.991	146	13681	0.773	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.608	75	6253	3.479	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	36447	6.401	ug/l	97
94) Hexachlorobutadiene	15.375	225	4112	0.858	ug/l	94
96) 1,2,3-Trichlorobenzene	15.702	180	46972	7.860	ug/l #	91

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

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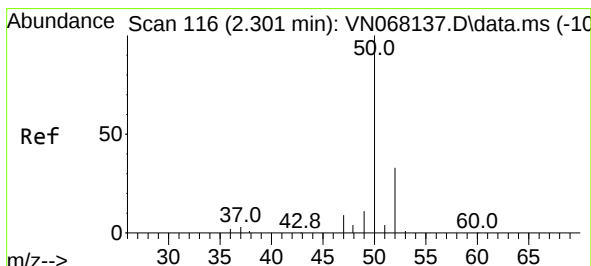
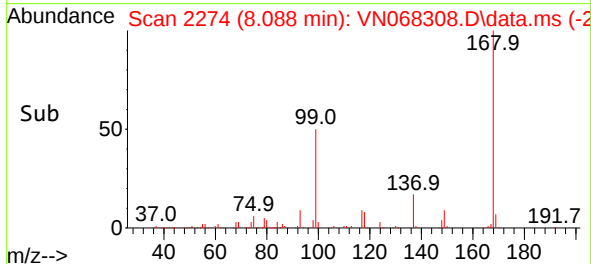
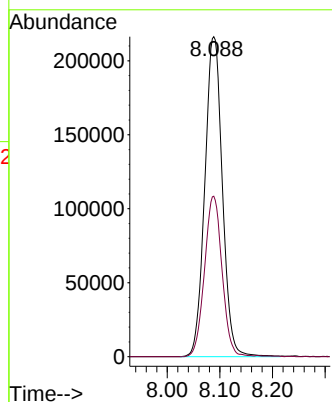
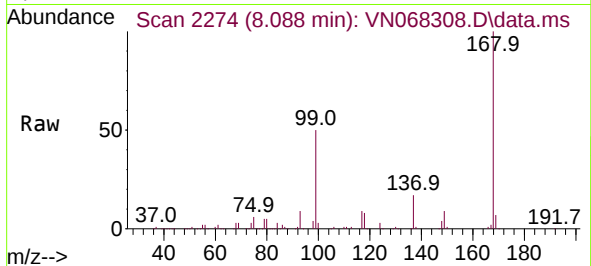




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

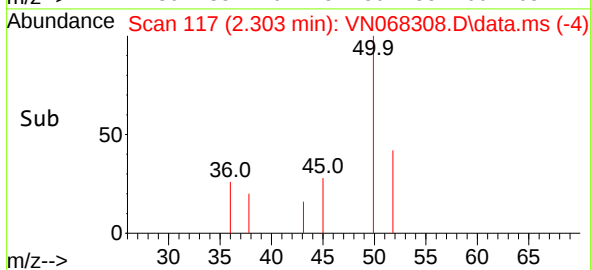
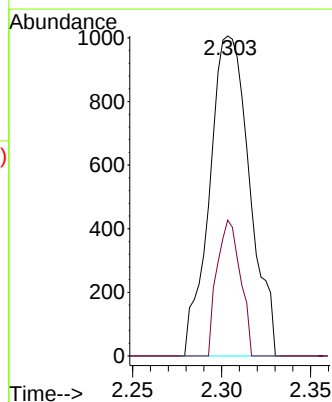
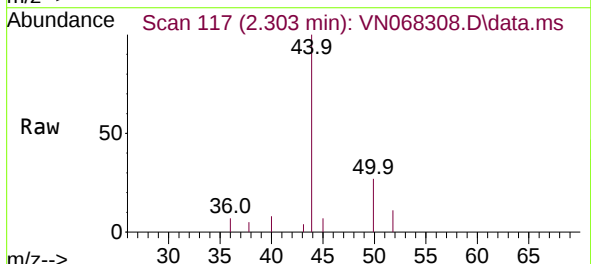
Instrument :
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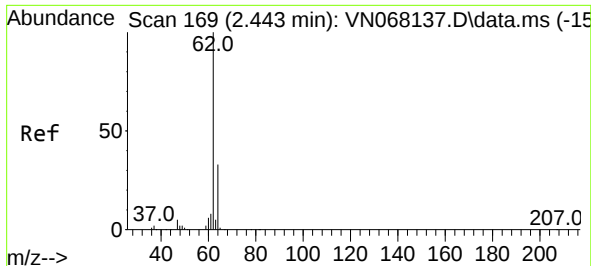
Tgt Ion:168 Resp: 501606
Ion Ratio Lower Upper
168 100
99 50.2 62.9 94.3#



#3
Chloromethane
Concen: 0.351 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 50 Resp: 1578
Ion Ratio Lower Upper
50 100
52 42.4 25.6 38.4#

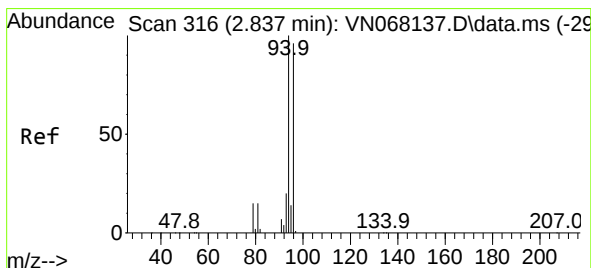
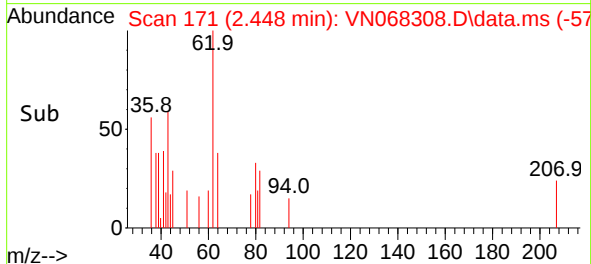
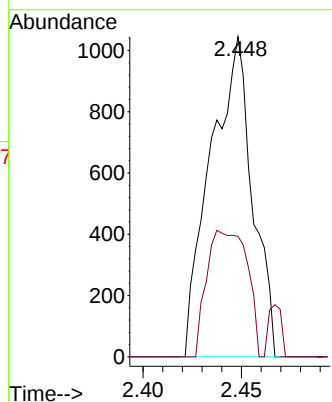
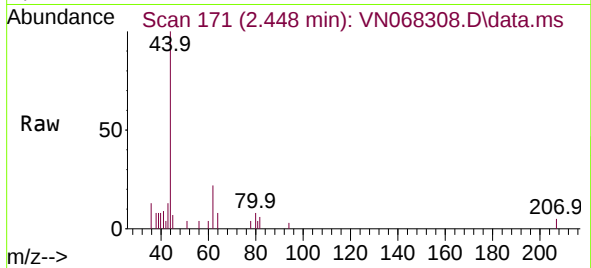




#4
 Vinyl Chloride
 Concen: 0.219 ug/l
 RT: 2.448 min Scan# 171
 Delta R.T. 0.005 min
 Lab File: VN068308.D
 Acq: 25 Aug 2021 18:55

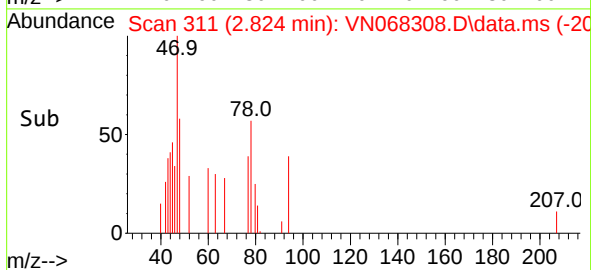
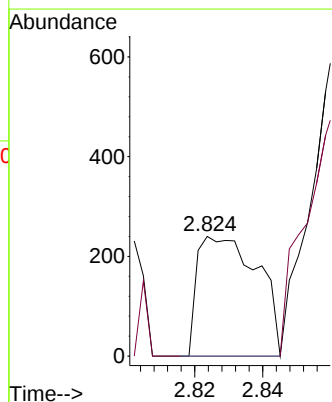
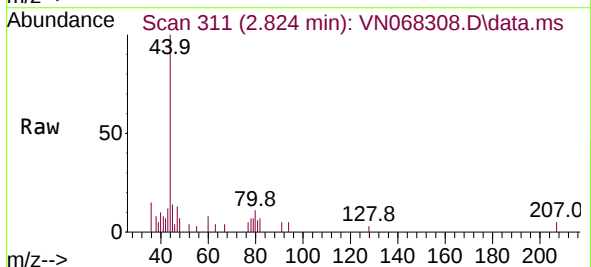
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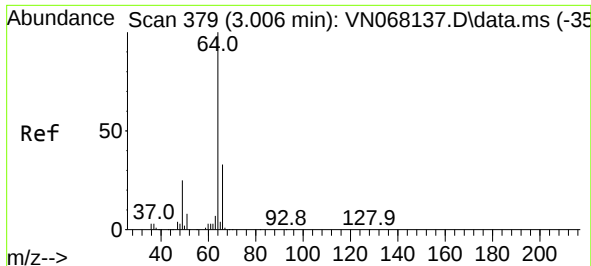
Tgt Ion: 62 Resp: 1540
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.4 36.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.824 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VN068308.D
 Acq: 25 Aug 2021 18:55

Tgt Ion: 94 Resp: 295
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.7 110.5#

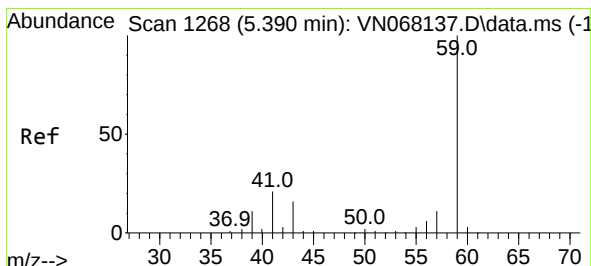
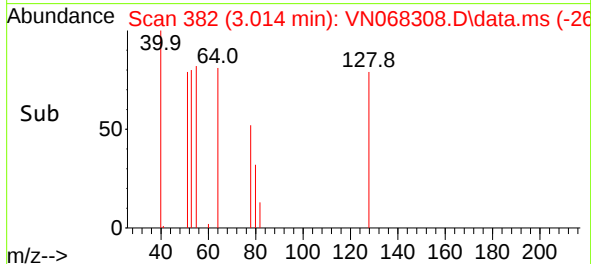
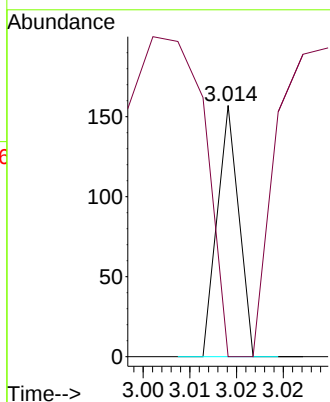
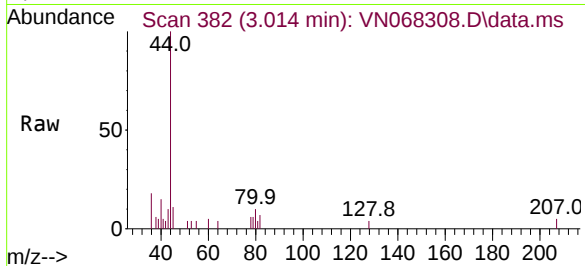




#6
Chloroethane
Concen: Below Cal
RT: 3.014 min Scan# 382
Delta R.T. 0.008 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

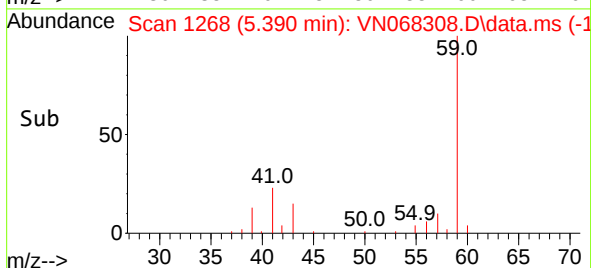
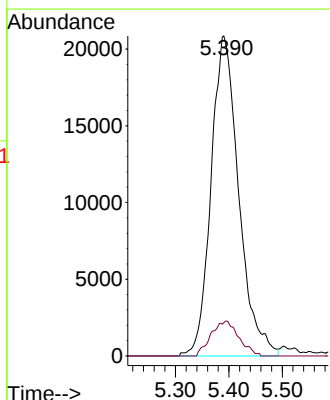
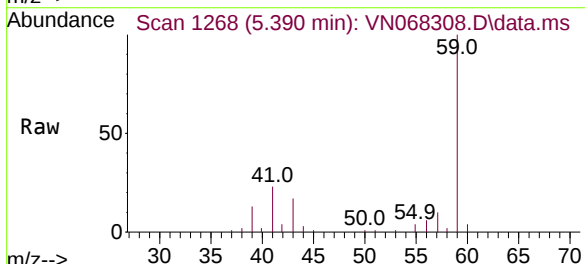
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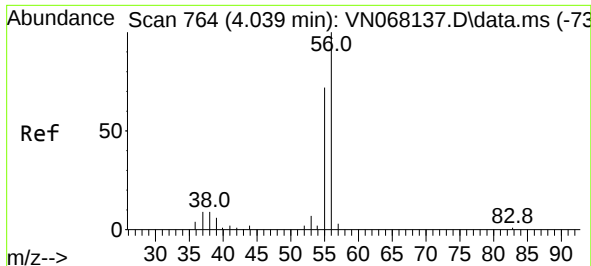
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 112.497 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 59 Resp: 75137
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

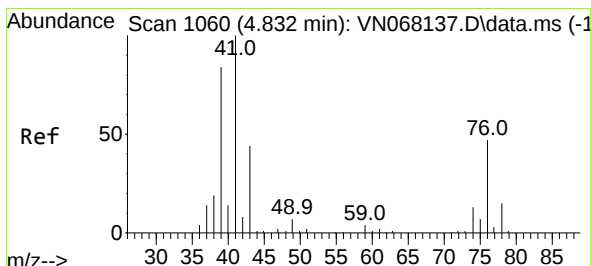
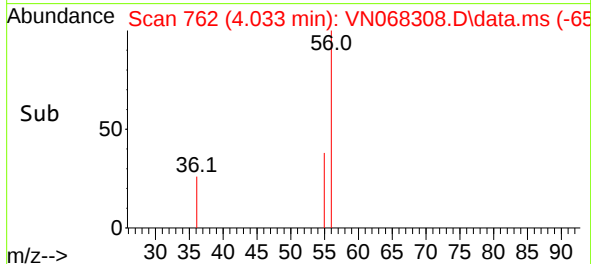
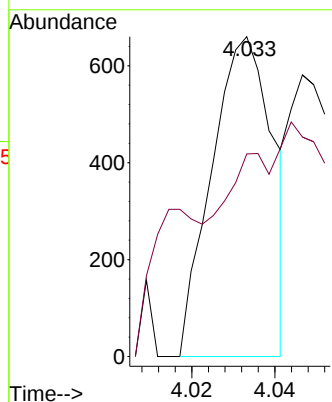
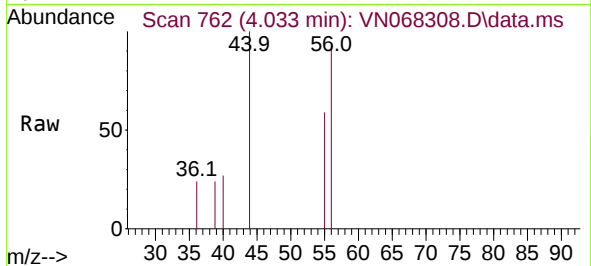




#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

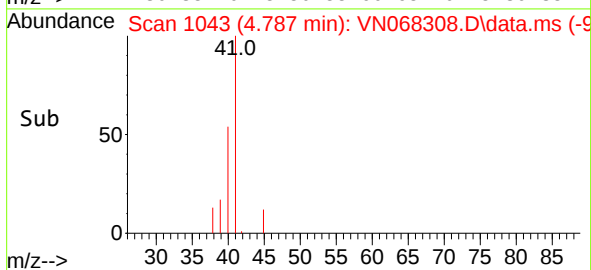
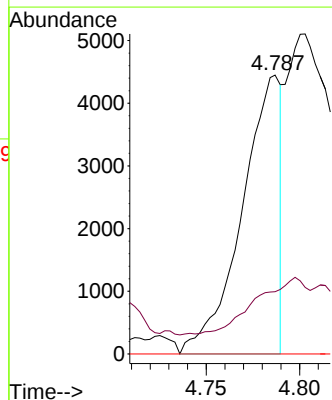
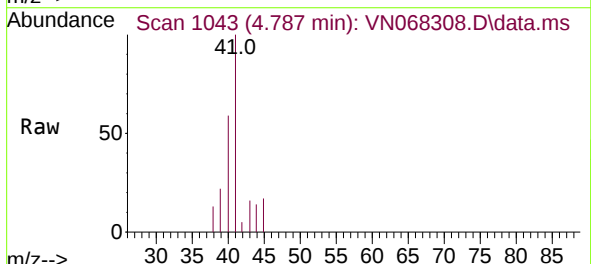
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ClientSampled :
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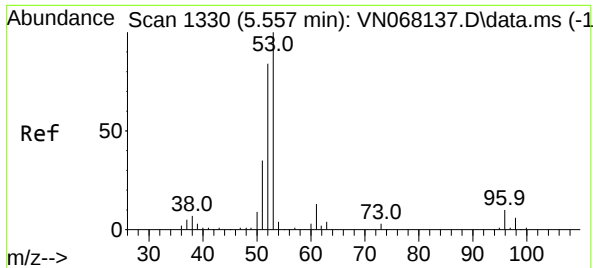
Tgt Ion: 56 Resp: 672
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#14
Allyl chloride
Concen: 1.235 ug/l
RT: 4.787 min Scan# 1043
Delta R.T. -0.045 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 41 Resp: 6419
Ion Ratio Lower Upper
41 100
39 23.8 60.9 91.3#
76 0.0 24.3 36.5#

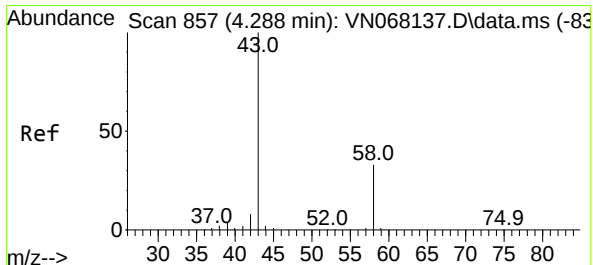
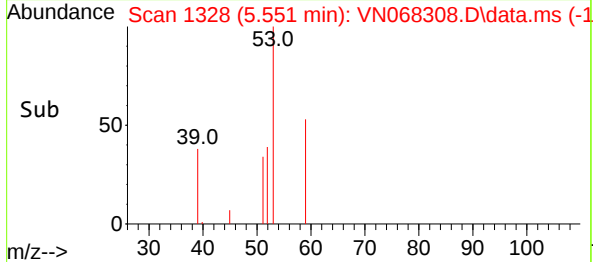
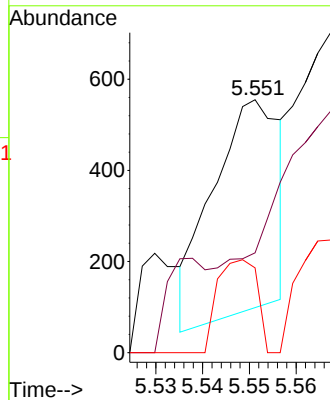
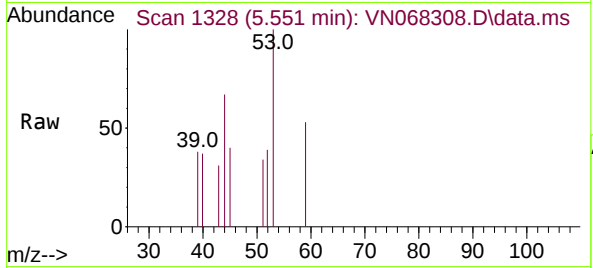




#15
Acrylonitrile
Concen: 0.246 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

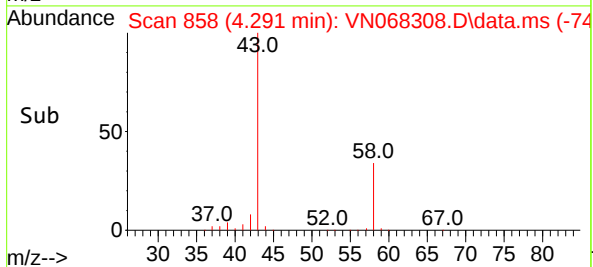
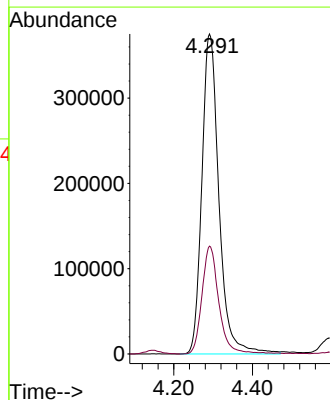
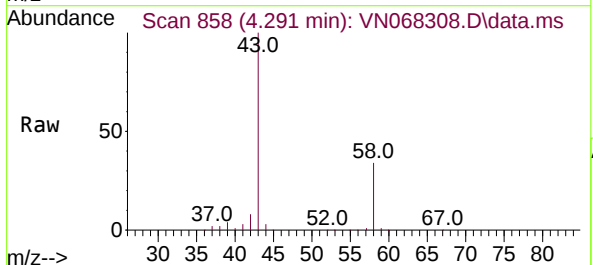
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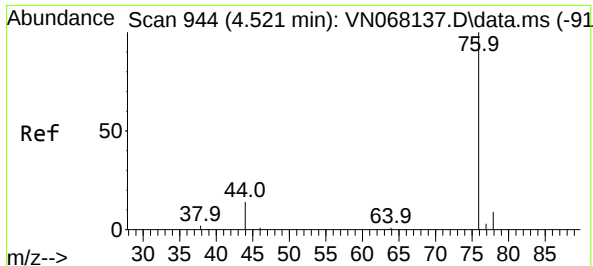
Tgt Ion: 53 Resp: 462
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 26.0 30.2 45.4#



#16
Acetone
Concen: 723.865 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 43 Resp: 1131926
Ion Ratio Lower Upper
43 100
58 33.7 21.2 31.8#

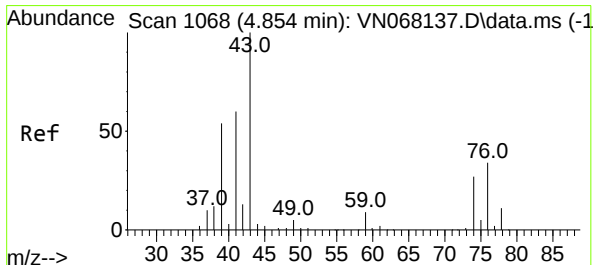
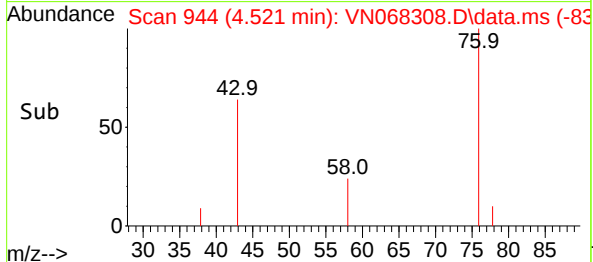
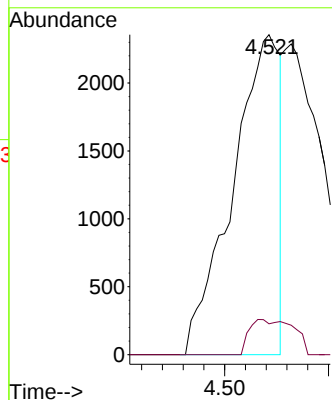
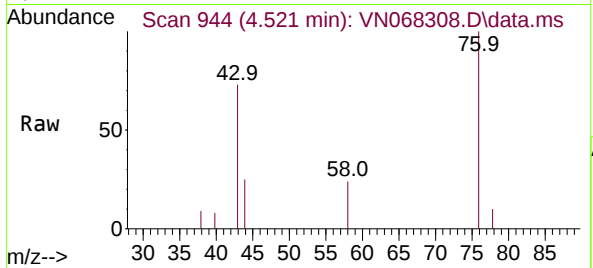




#17
Carbon Disulfide
Concen: 0.354 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

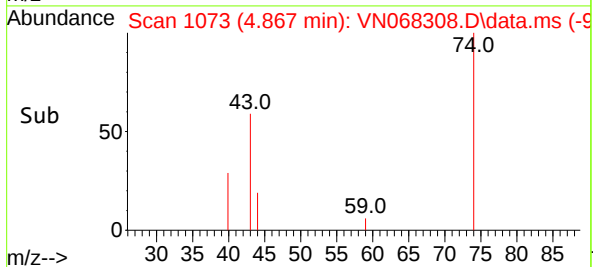
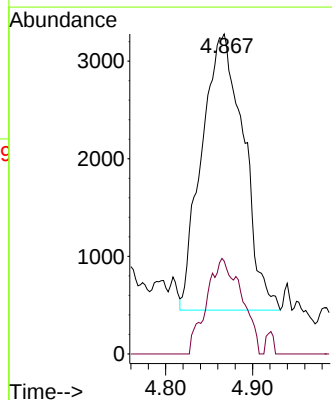
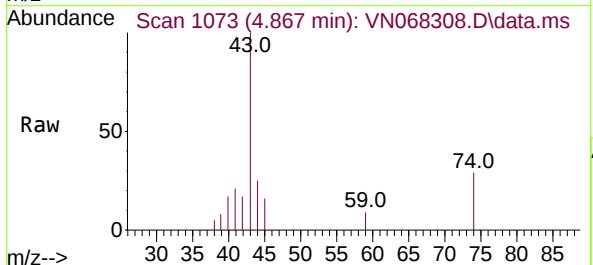
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ClientSampled :
31113

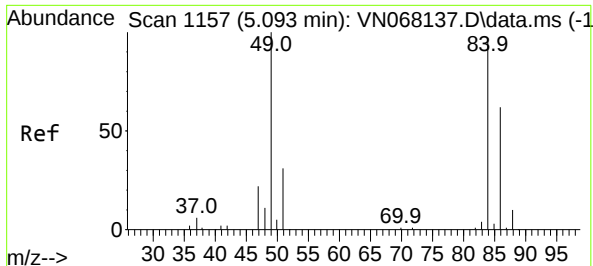
Tgt Ion: 76 Resp: 3726
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

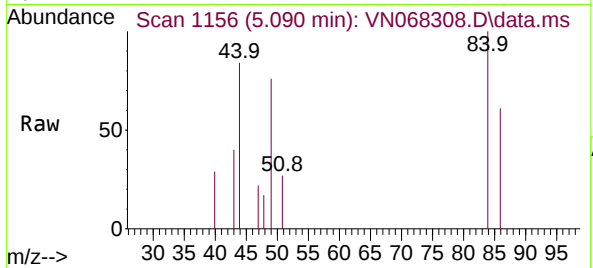
Tgt Ion: 43 Resp: 9446
Ion Ratio Lower Upper
43 100
74 28.9 17.4 26.0#





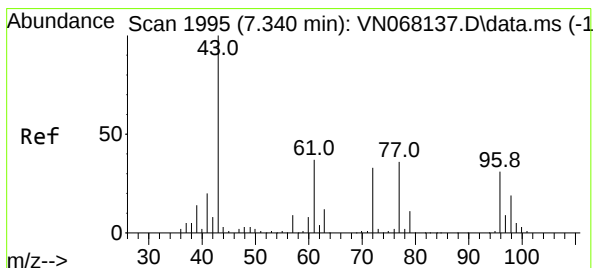
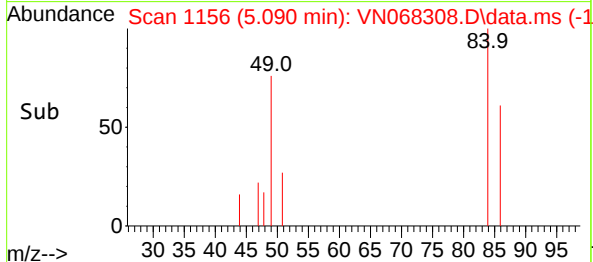
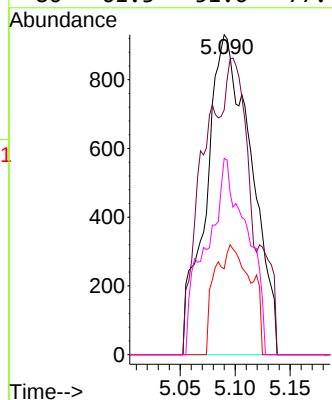
#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Instrument :
MSVOA_N
ClientSampled :
31113



Tgt Ion: 84 Resp: 2653

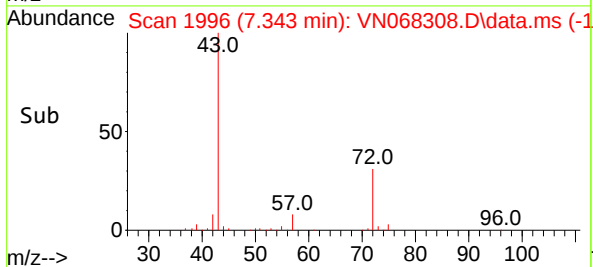
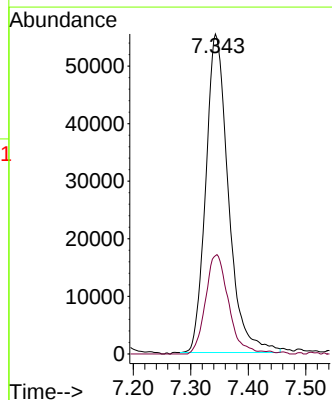
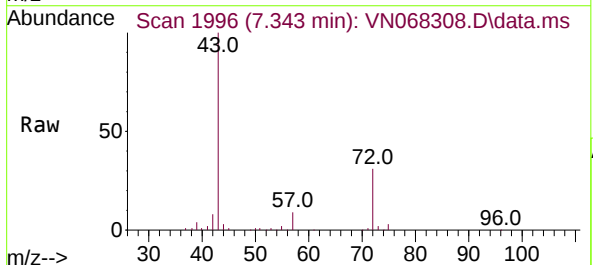
Ion	Ratio	Lower	Upper
84	100		
49	76.5	110.9	166.3#
51	26.9	32.6	49.0#
86	61.3	51.6	77.4

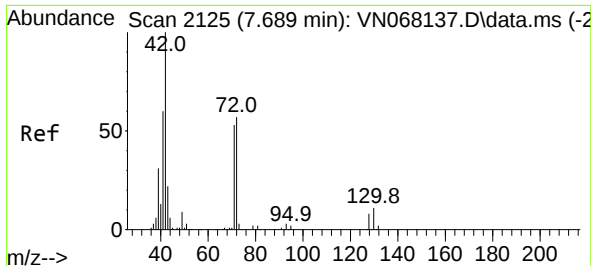


#25
2-Butanone
Concen: 62.095 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 43 Resp: 151322

Ion	Ratio	Lower	Upper
43	100		
72	30.8	19.7	29.5#





#29

Tetrahydrofuran

Concen: 0.781 ug/l

RT: 7.689 min Scan# 2125

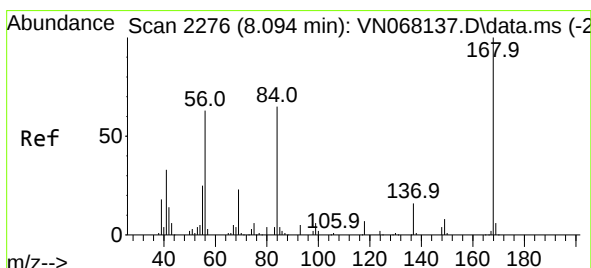
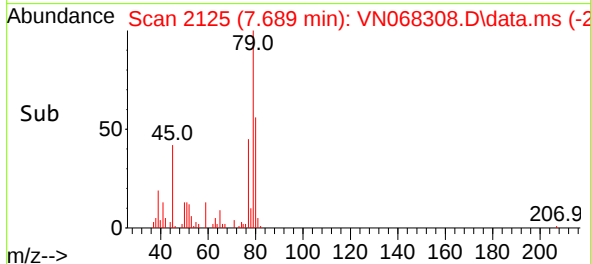
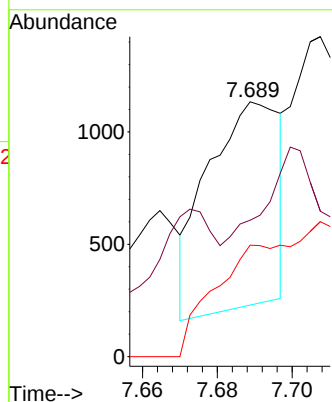
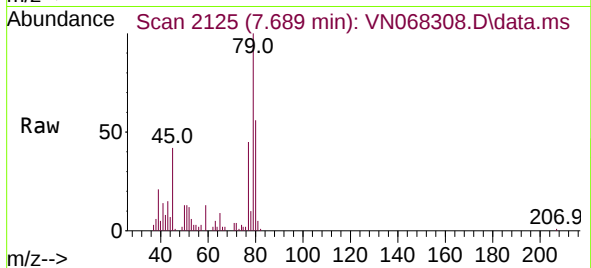
Delta R.T. -0.000 min

Lab File: VN068308.D

Acq: 25 Aug 2021 18:55

Instrument :
MSVOA_N
ClientSampled :
31113

Tgt Ion:	42	Resp:	1217
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	43.5	31.2	46.8



#31

Cyclohexane

Concen: 1.956 ug/l

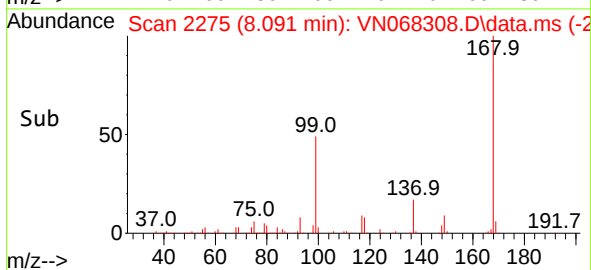
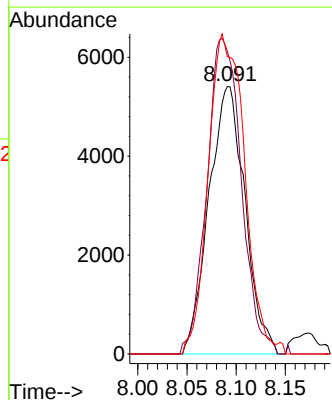
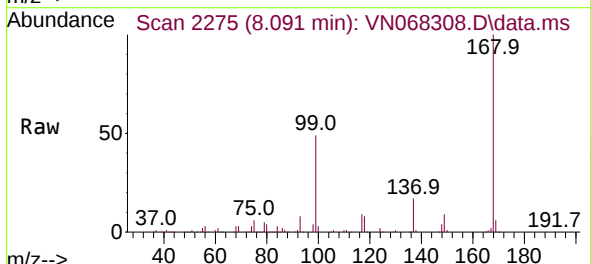
RT: 8.091 min Scan# 2275

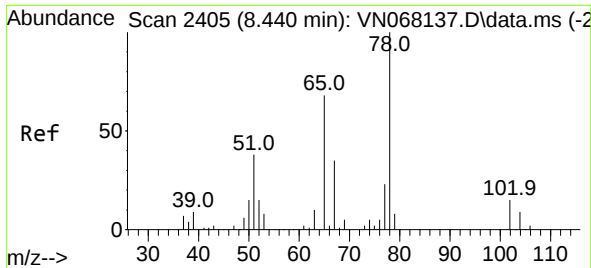
Delta R.T. -0.003 min

Lab File: VN068308.D

Acq: 25 Aug 2021 18:55

Tgt Ion:	56	Resp:	13799
Ion	Ratio	Lower	Upper
56	100		
69	113.0	27.3	40.9#
84	111.1	64.9	97.3#

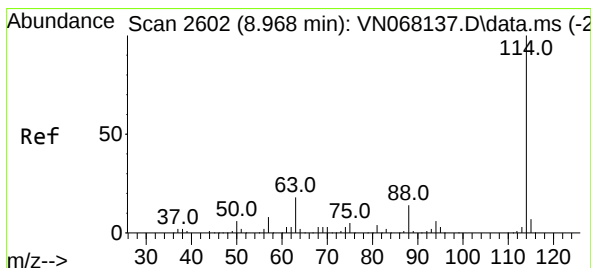
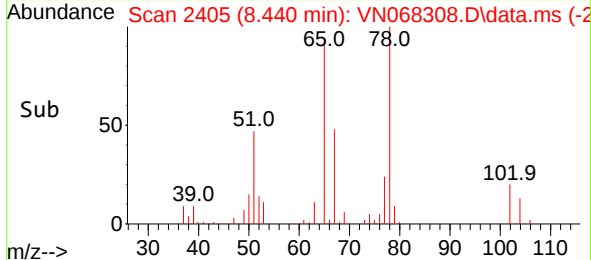
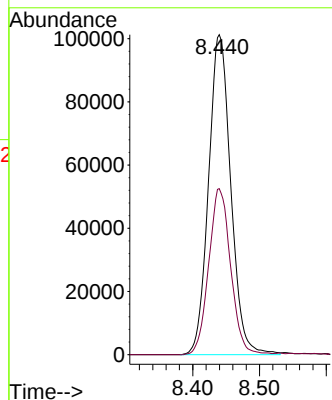
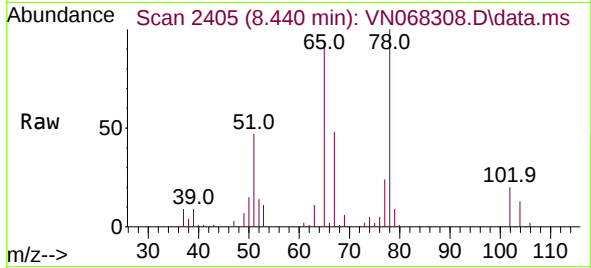




#33
 1,2-Dichloroethane-d4
 Concen: 43.824 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068308.D
 Acq: 25 Aug 2021 18:55

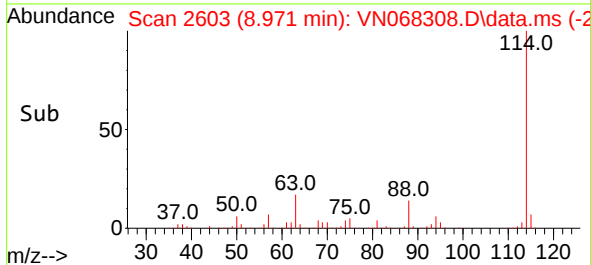
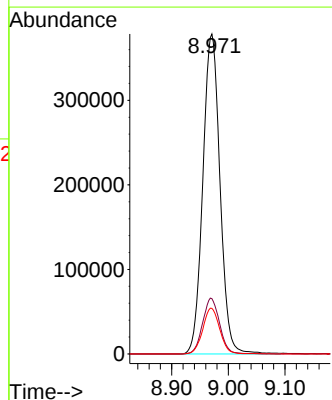
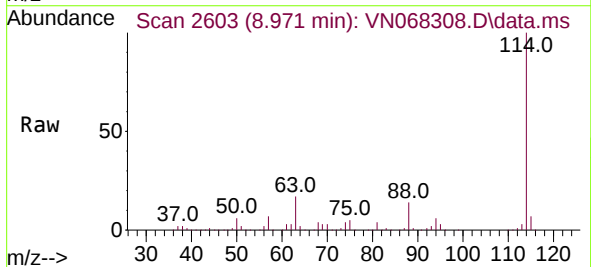
Instrument :
 MSVOA_N
 ClientSampled :
 31113

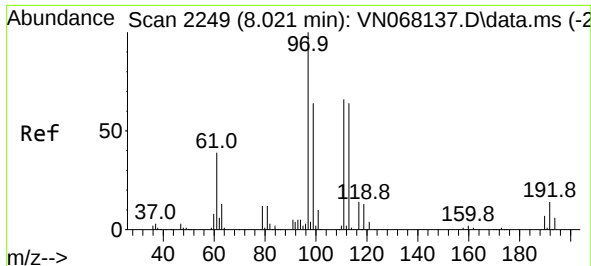
Tgt Ion: 65 Resp: 234713
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068308.D
 Acq: 25 Aug 2021 18:55

Tgt Ion: 114 Resp: 797062
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 49.0
 88 14.3 0.0 36.6

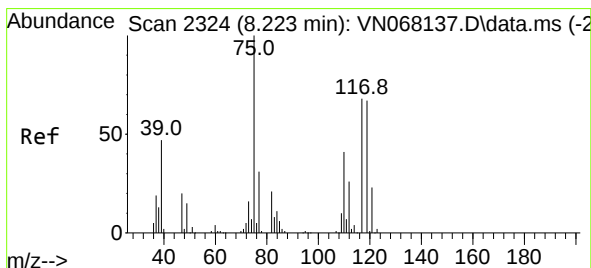
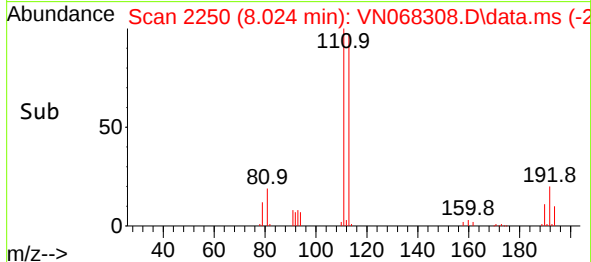
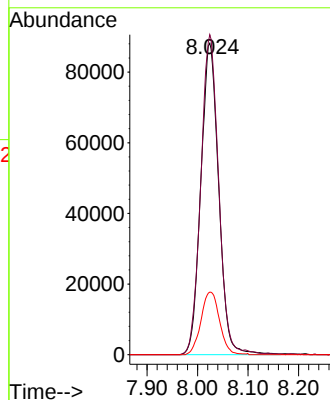
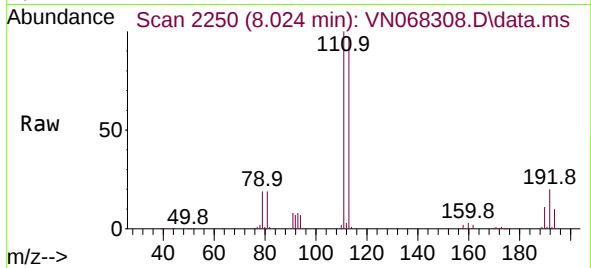




#35
Dibromofluoromethane
Concen: 43.302 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

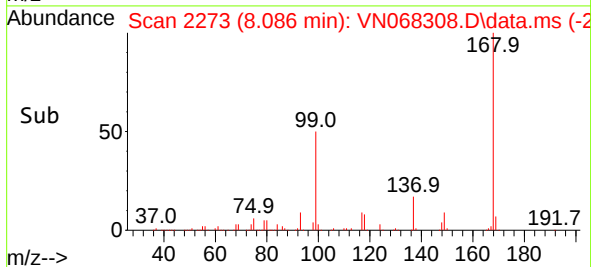
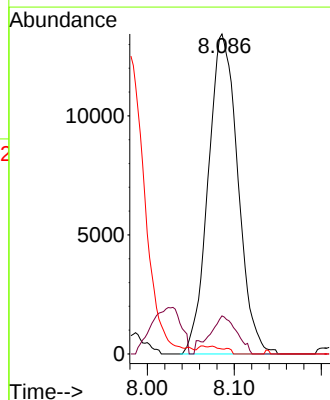
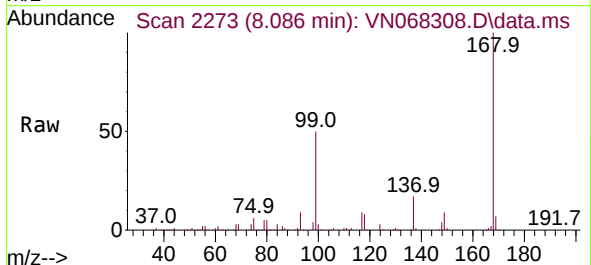
Instrument :
MSVOA_N
ClientSampled :
31113

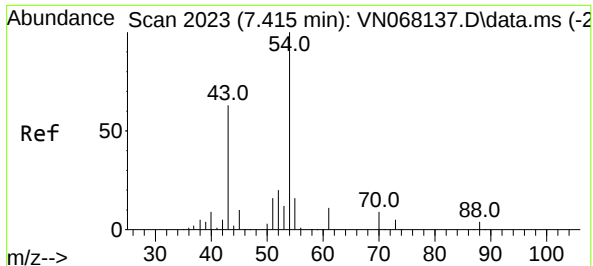
Tgt Ion:113 Resp: 216692
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.8
192 20.9 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 75 Resp: 31835
Ion Ratio Lower Upper
75 100
110 9.8 15.7 47.0#
77 0.0 24.6 37.0#

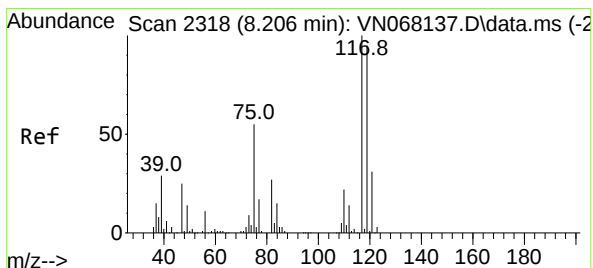
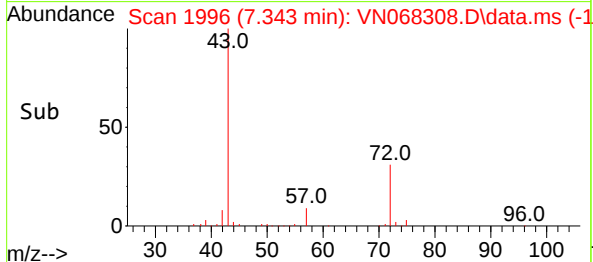
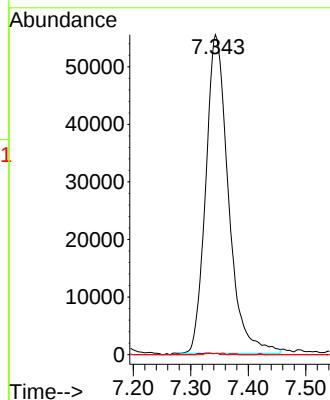
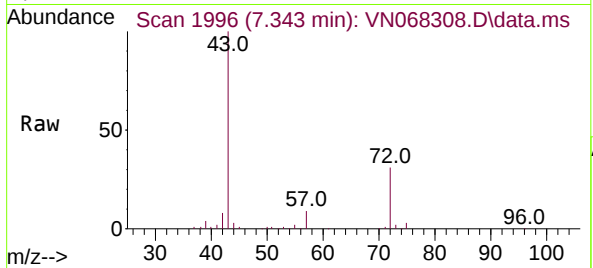




#37
Ethyl Acetate
Concen: 27.261 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.072 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

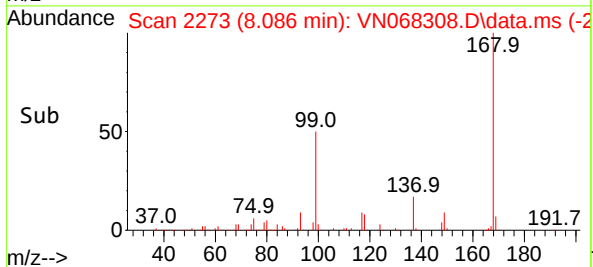
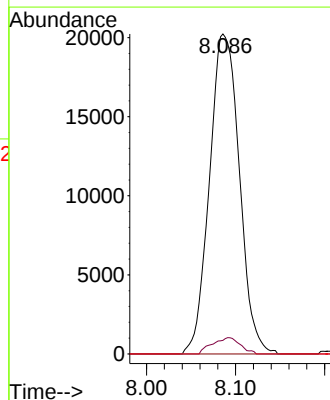
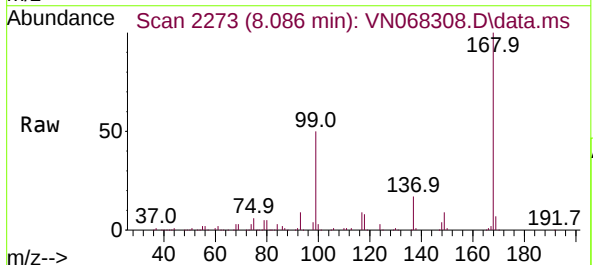
Instrument :
MSVOA_N
ClientSampled :
31113

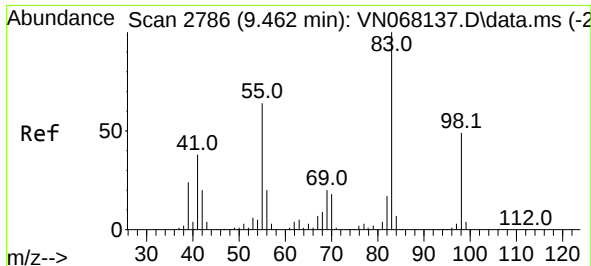
Tgt Ion: 43 Resp: 151322
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 117 Resp: 47248
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.2#
121 0.0 23.5 35.3#

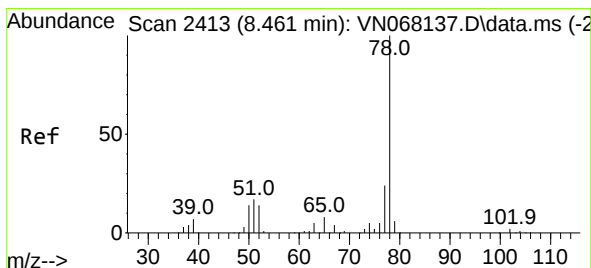
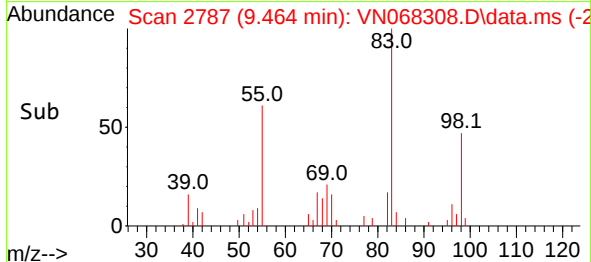
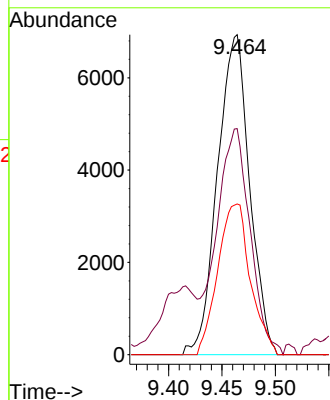
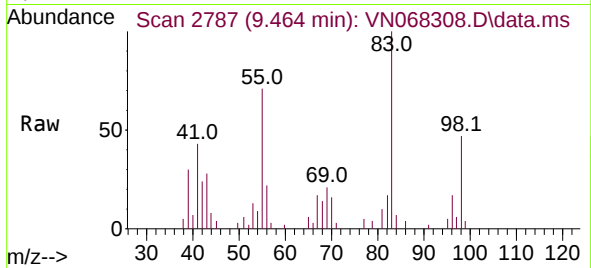




#39
Methylcyclohexane
Concen: 1.975 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

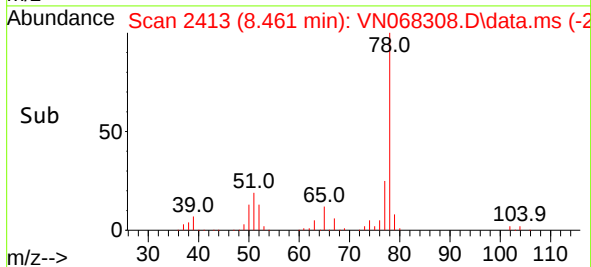
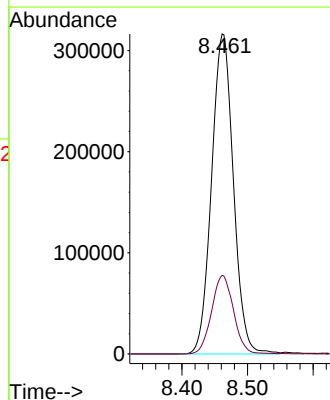
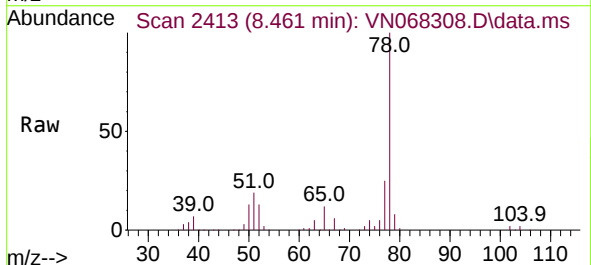
Instrument :
MSVOA_N
ClientSampled :
31113

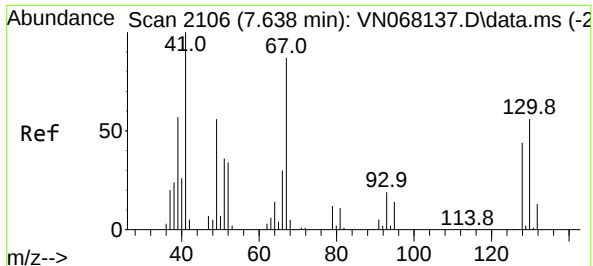
Tgt Ion: 83 Resp: 14531
Ion Ratio Lower Upper
83 100
55 68.5 66.6 99.8
98 47.1 35.3 52.9



#40
Benzene
Concen: 36.756 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 78 Resp: 730970
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

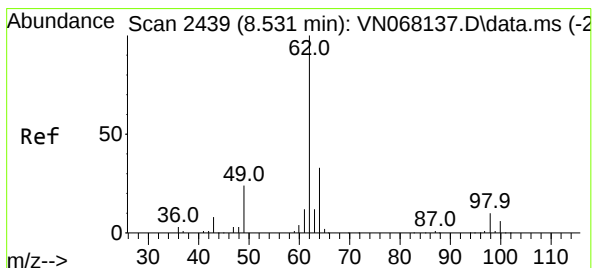
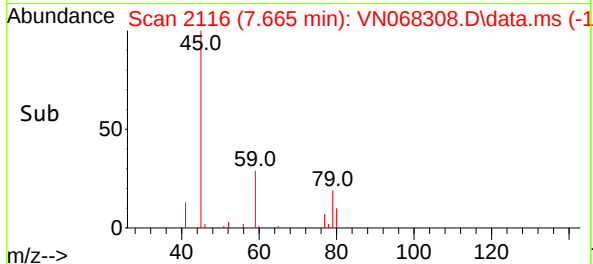
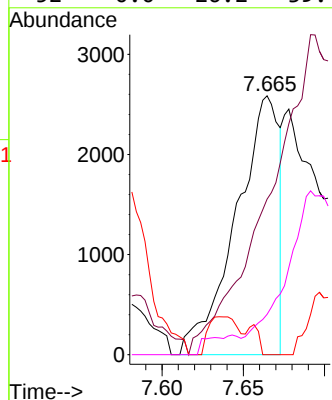
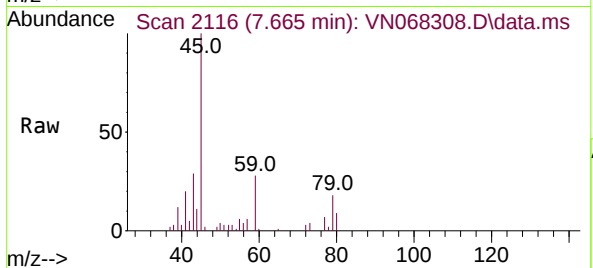




#41
Methacrylonitrile
Concen: 1.875 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.027 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

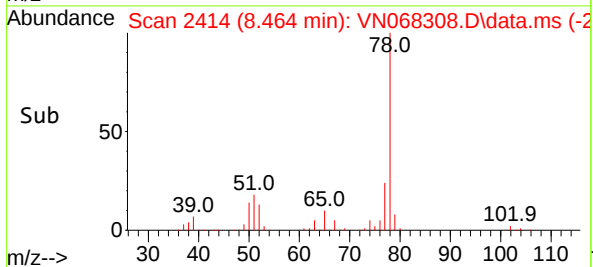
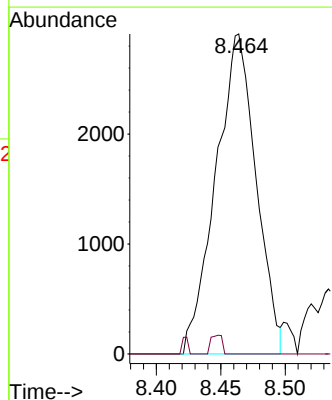
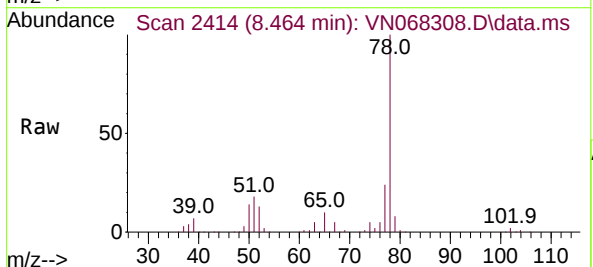
Instrument :
MSVOA_N
ClientSampled :
31113

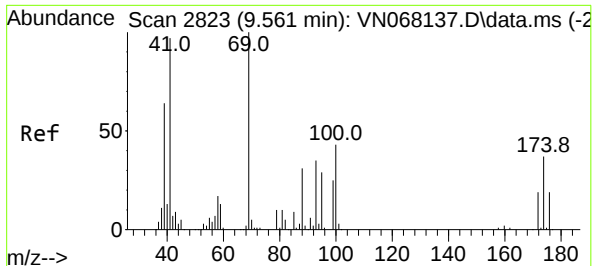
Tgt Ion:	41	Resp:	4752
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#



#42
1,2-Dichloroethane
Concen: 0.934 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. -0.067 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:	62	Resp:	6324
Ion	Ratio	Lower	Upper
62	100		
98	1.7	0.0	14.2

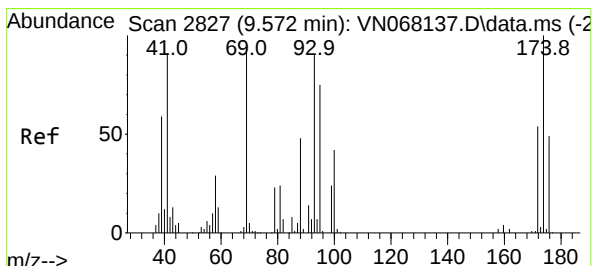
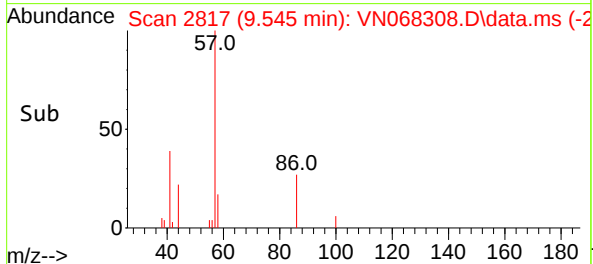
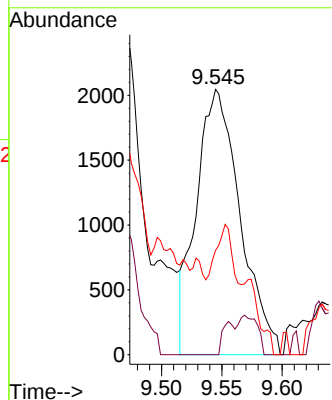
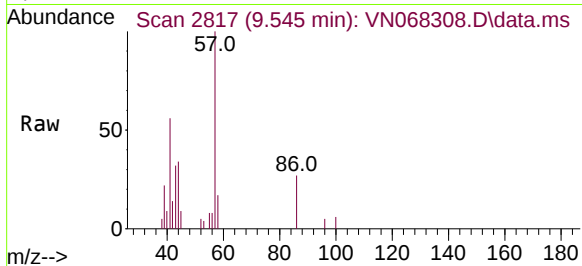




#48
Methyl methacrylate
Concen: 1.401 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

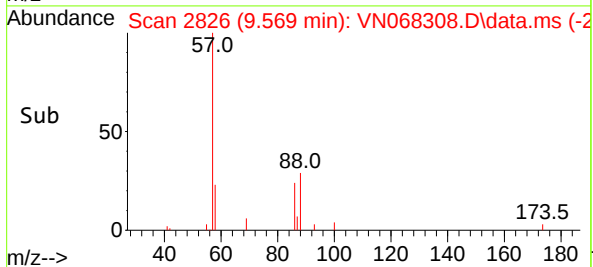
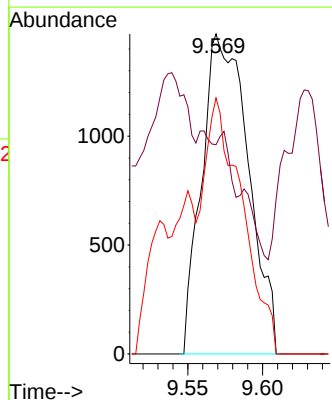
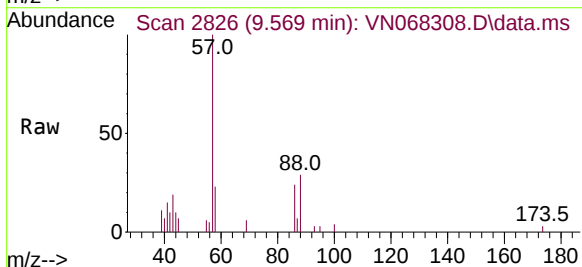
Instrument :
MSVOA_N
ClientSampled :
31113

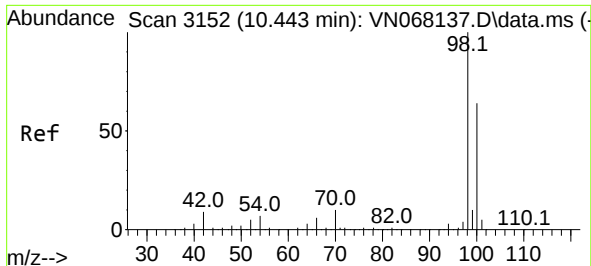
Tgt Ion: 41 Resp: 5191
Ion Ratio Lower Upper
41 100
69 3.4 64.6 96.8#
39 7.5 53.3 79.9#



#49
1,4-Dioxane
Concen: 35.395 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 88 Resp: 3170
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 65.9 60.4 90.6

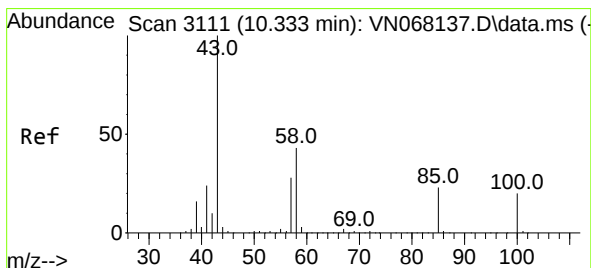
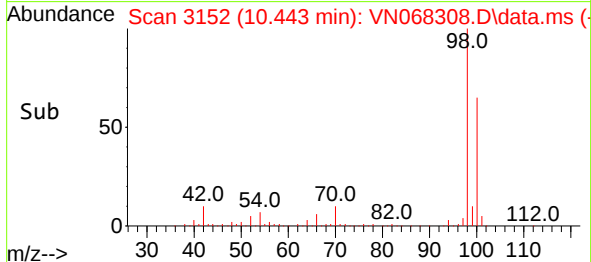
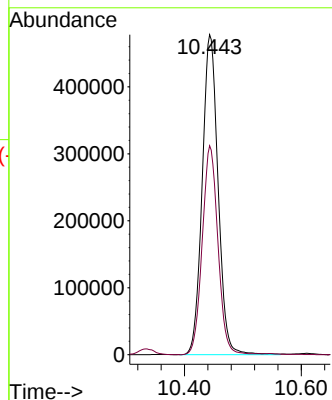
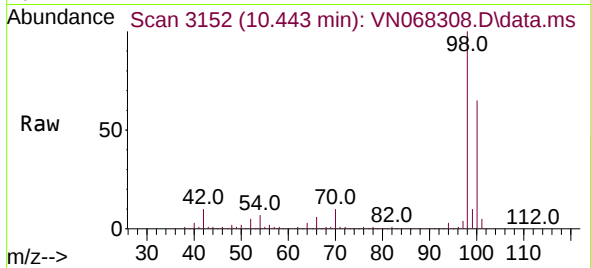




#50
Toluene-d8
Concen: 47.257 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

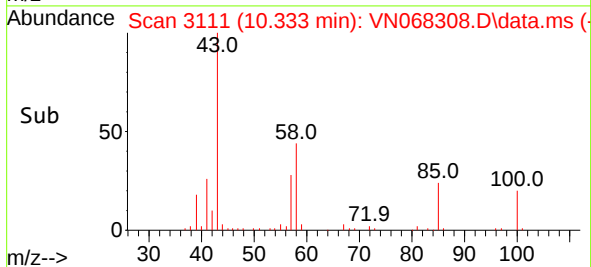
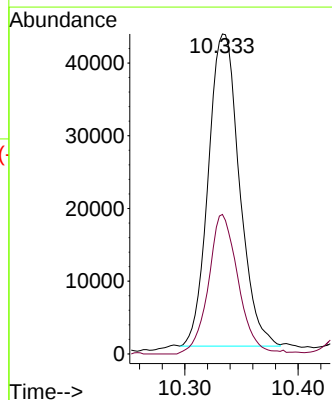
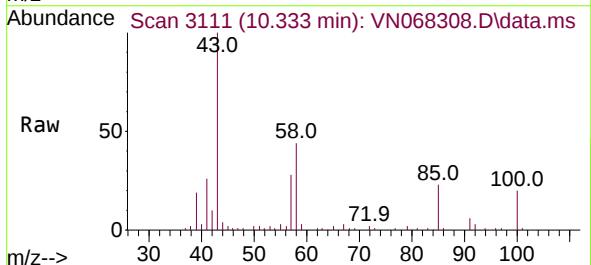
Instrument :
MSVOA_N
ClientSampled :
31113

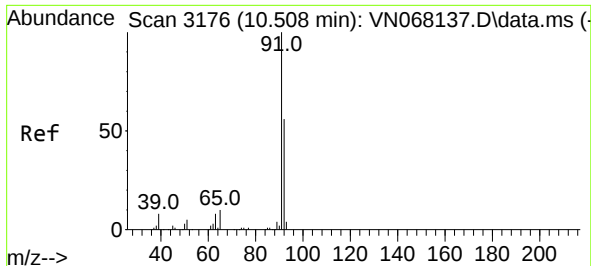
Tgt Ion: 98 Resp: 901072
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 14.990 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 43 Resp: 81876
Ion Ratio Lower Upper
43 100
58 42.7 28.6 43.0

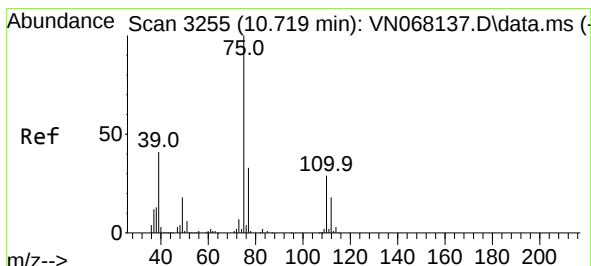
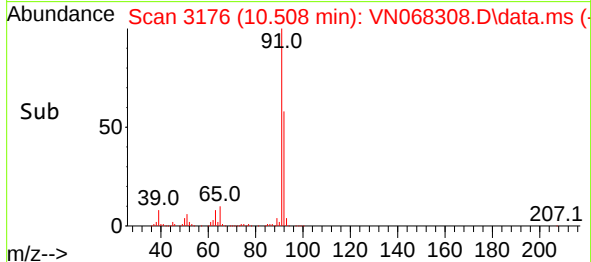
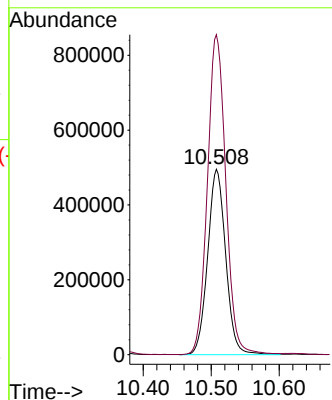
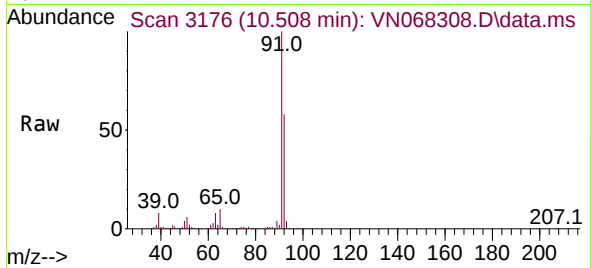




#52
Toluene
Concen: 67.387 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

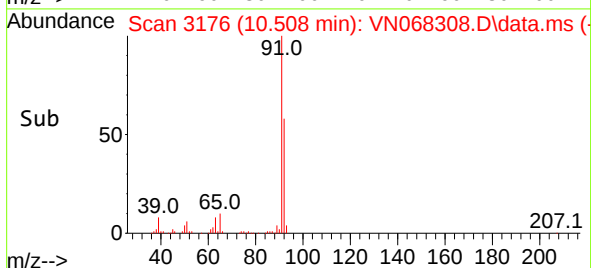
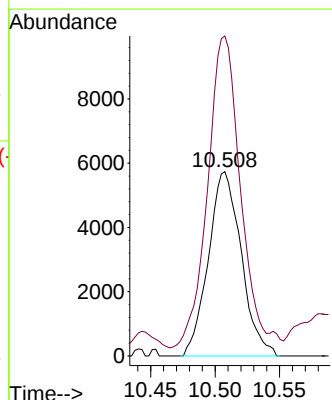
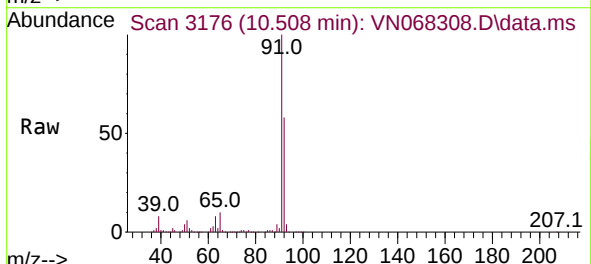
Instrument :
MSVOA_N
ClientSampled :
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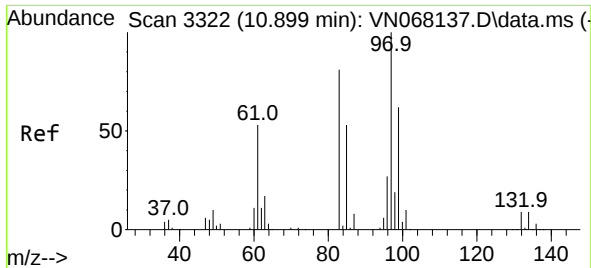
Tgt Ion: 92 Resp: 913592
Ion Ratio Lower Upper
92 100
91 175.8 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.462 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.211 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 75 Resp: 10179
Ion Ratio Lower Upper
75 100
77 165.9 25.1 37.7#

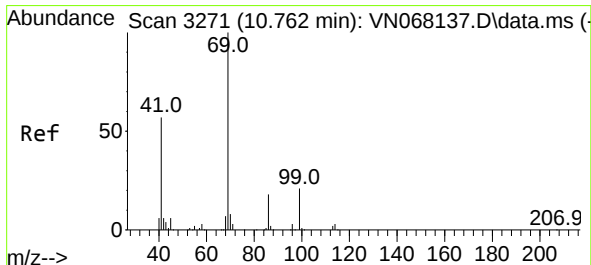
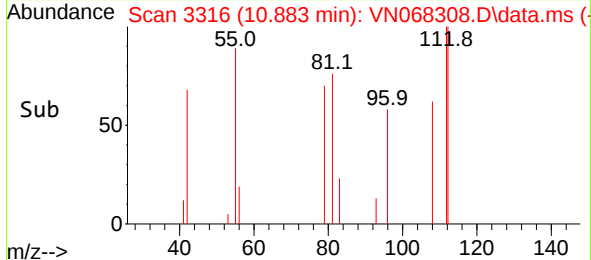
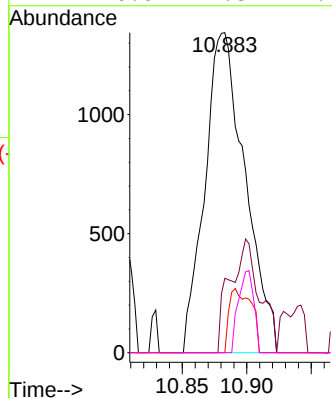
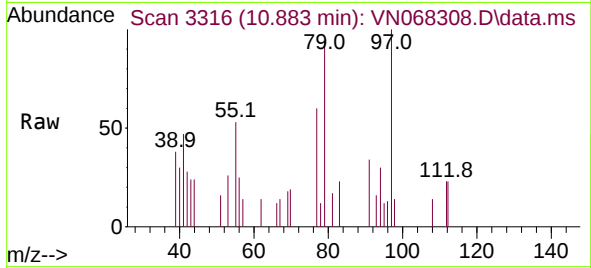




#55
1,1,2-Trichloroethane
Concen: 0.539 ug/l
RT: 10.883 min Scan# 3316
Delta R.T. -0.016 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

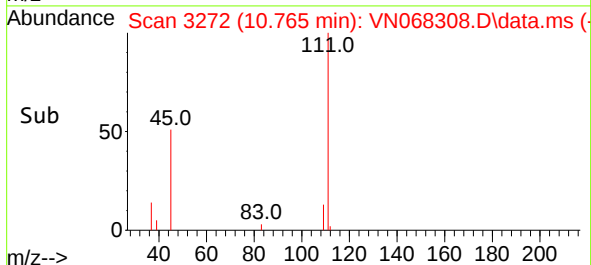
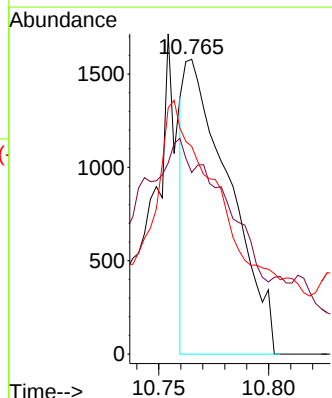
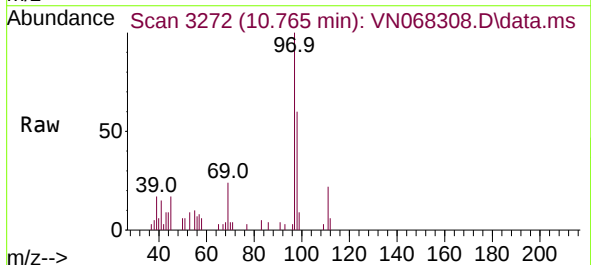
Instrument :
MSVOA_N
ClientSampled :
31113

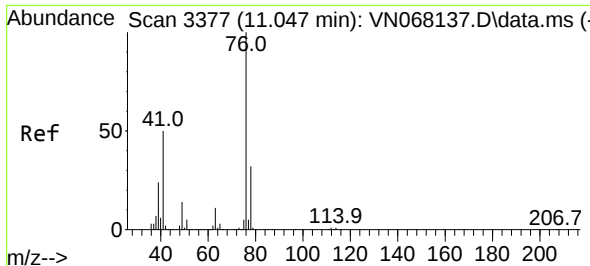
Tgt Ion:	97	Resp:	2919
Ion	Ratio	Lower	Upper
97	100		
83	23.3	72.0	108.0#
85	0.0	46.8	70.2#
99	0.0	49.8	74.6#



#56
Ethyl methacrylate
Concen: 0.324 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:	69	Resp:	2253
Ion	Ratio	Lower	Upper
69	100		
41	0.0	58.6	88.0#
39	0.0	38.3	57.5#





#57

1,3-Dichloropropane

Concen: 0.620 ug/l

RT: 11.146 min Scan# 3414

Delta R.T. 0.099 min

Lab File: VN068308.D

Acq: 25 Aug 2021 18:55

Tgt Ion: 76 Resp: 5174

Ion Ratio Lower Upper

76 100

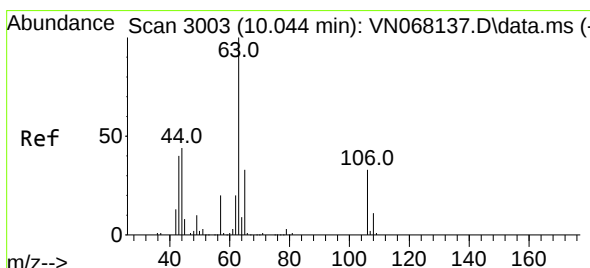
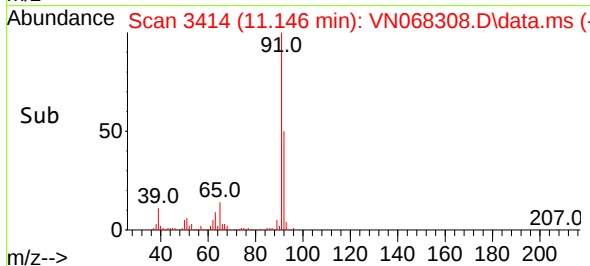
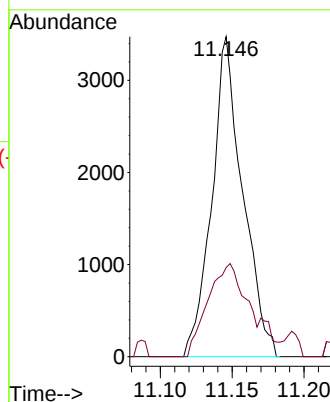
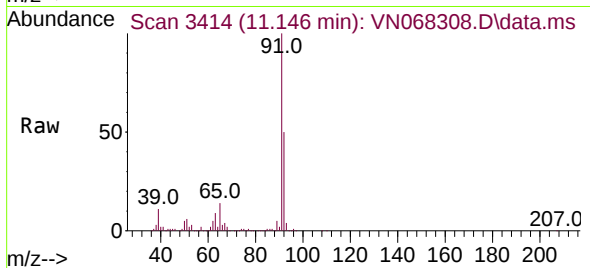
78 35.7 25.7 38.5

Instrument :

MSVOA_N

ClientSampled :

31113



#58

2-Chloroethyl Vinyl ether

Concen: 53.988 ug/l

RT: 10.070 min Scan# 3013

Delta R.T. 0.026 min

Lab File: VN068308.D

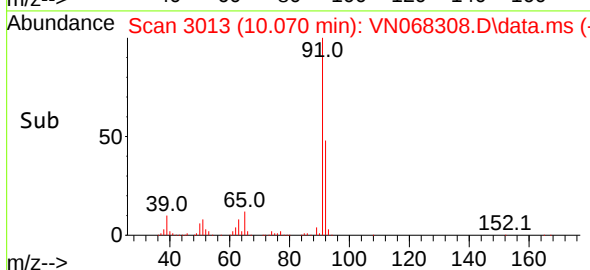
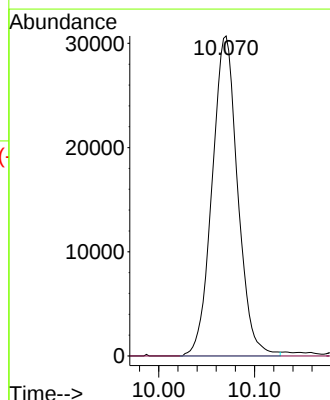
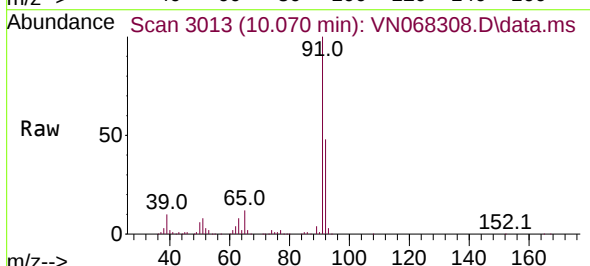
Acq: 25 Aug 2021 18:55

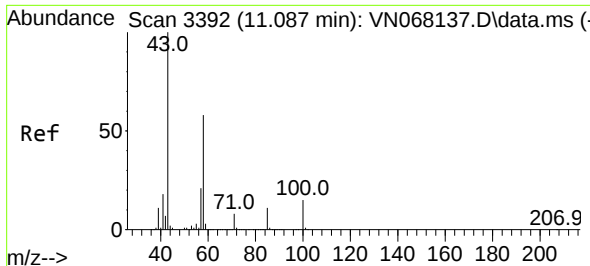
Tgt Ion: 63 Resp: 56931

Ion Ratio Lower Upper

63 100

106 0.0 19.8 29.8#

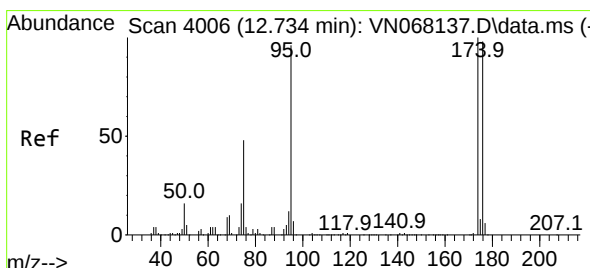
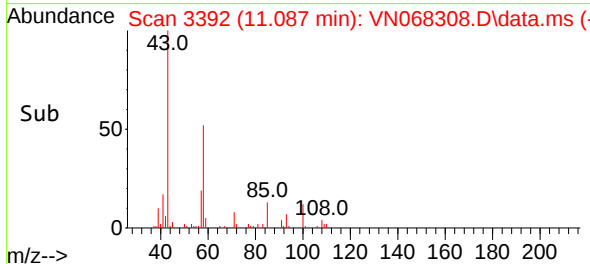
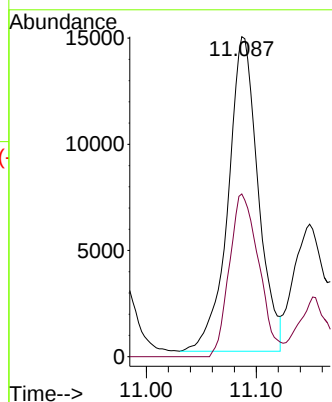
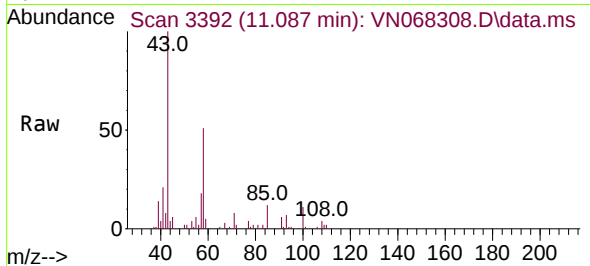




#59
2-Hexanone
Concen: 7.441 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

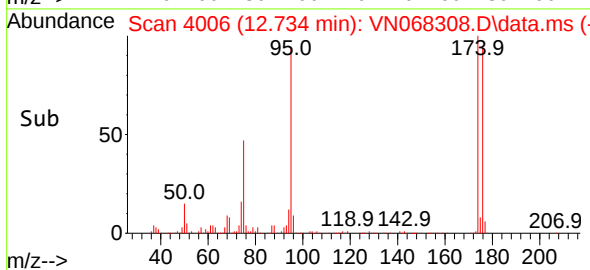
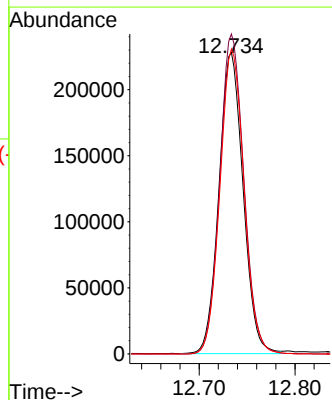
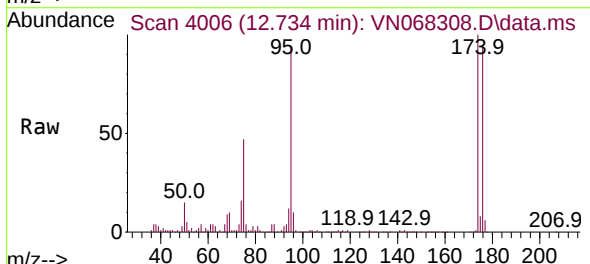
Instrument :
MSVOA_N
ClientSampled :
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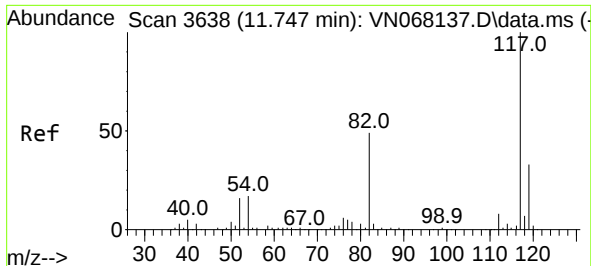
Tgt Ion: 43 Resp: 28219
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 62.769 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 95 Resp: 398429
Ion Ratio Lower Upper
95 100
174 105.9 0.0 122.0
176 100.8 0.0 117.6

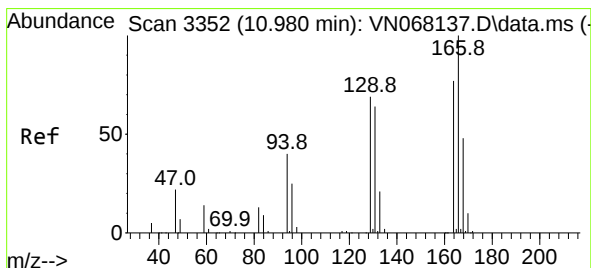
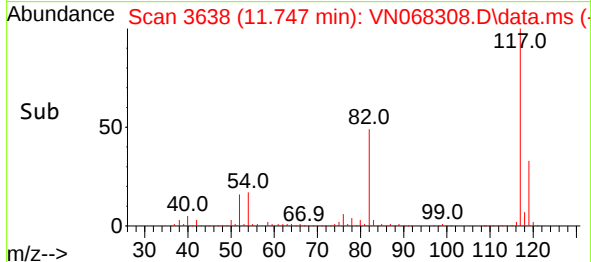
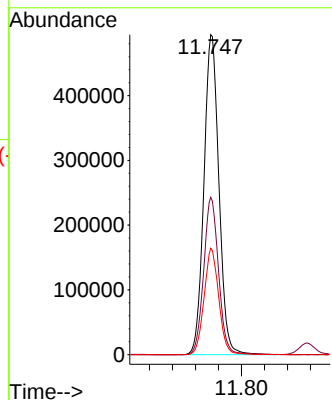
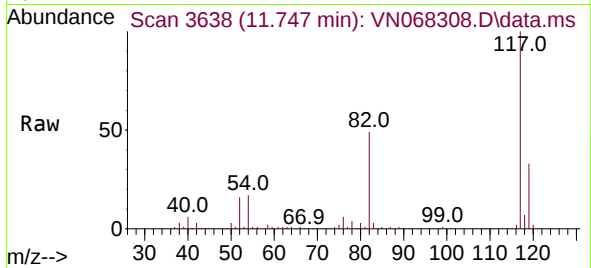




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

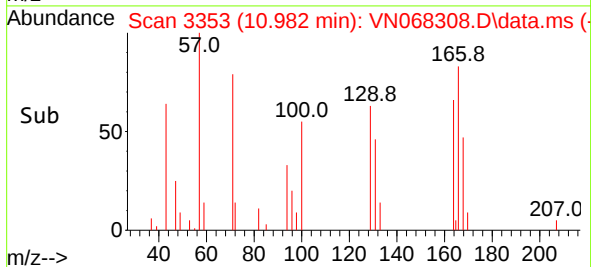
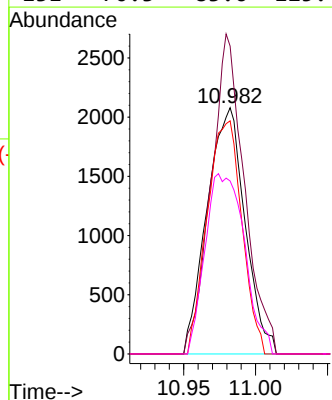
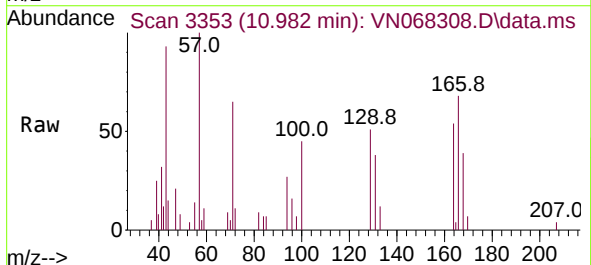
Instrument :
MSVOA_N
ClientSampled :
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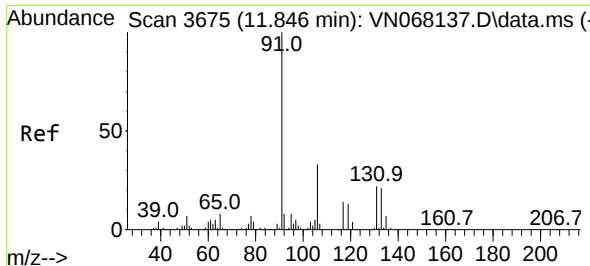
Tgt Ion:117 Resp: 894022
Ion Ratio Lower Upper
117 100
82 49.1 53.1 79.7#
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.552 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:164 Resp: 3815
Ion Ratio Lower Upper
164 100
166 125.0 102.1 153.1
129 94.7 86.9 130.3
131 70.3 83.6 125.4#

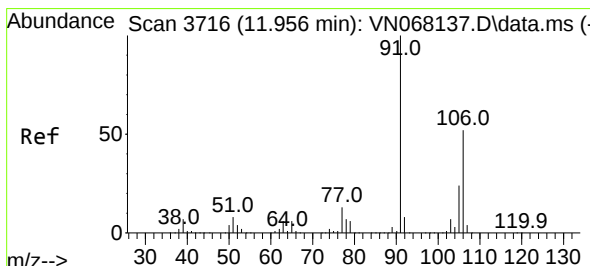
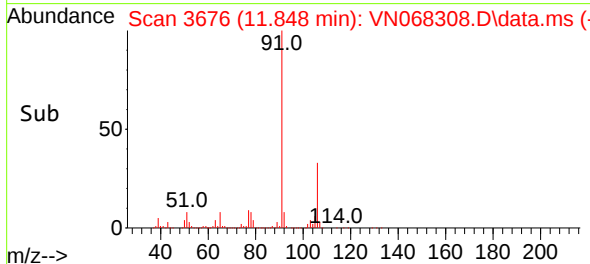
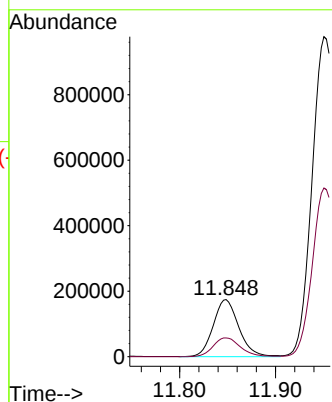
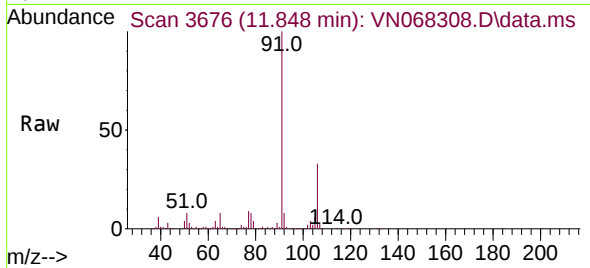




#67
Ethyl Benzene
Concen: 10.672 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

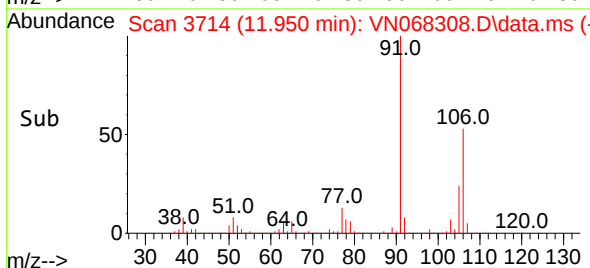
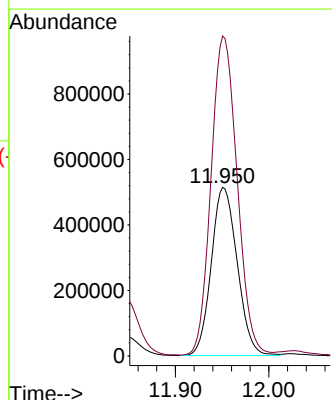
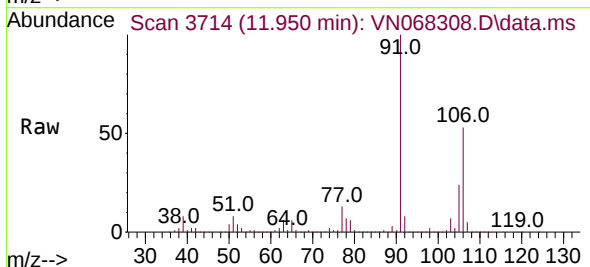
Instrument :
MSVOA_N
ClientSampled :
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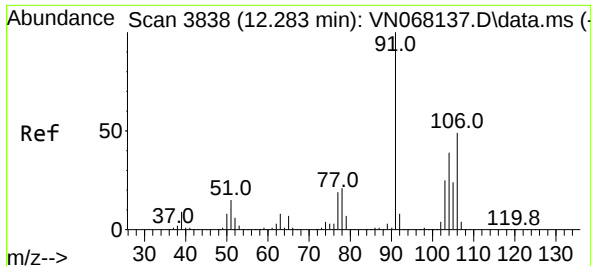
Tgt Ion: 91 Resp: 322217
Ion Ratio Lower Upper
91 100
106 33.0 23.4 35.0



#68
m/p-Xylenes
Concen: 81.853 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:106 Resp: 988660
Ion Ratio Lower Upper
106 100
91 190.7 180.6 270.8

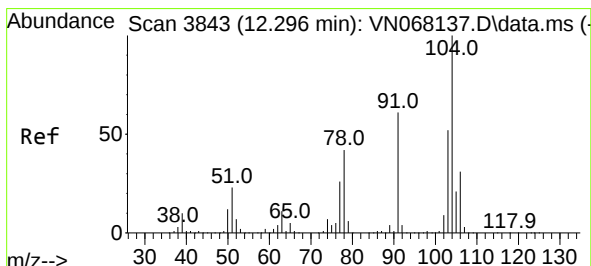
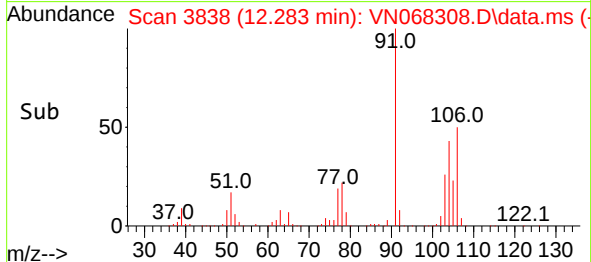
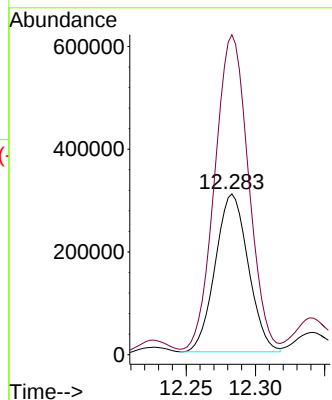
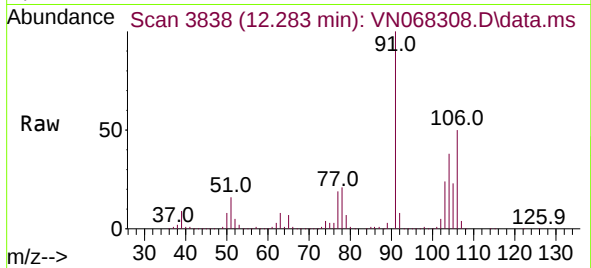




#69
o-Xylene
Concen: 43.682 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

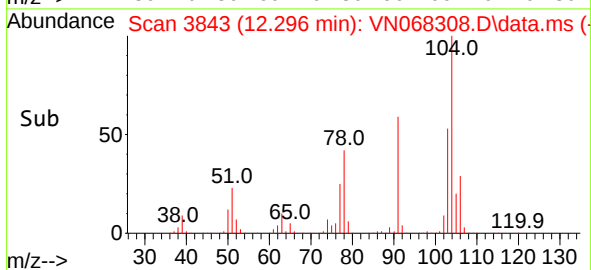
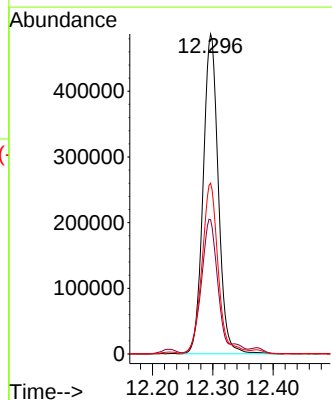
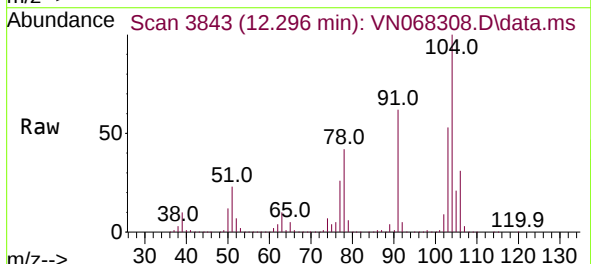
Instrument :
MSVOA_N
ClientSampled :
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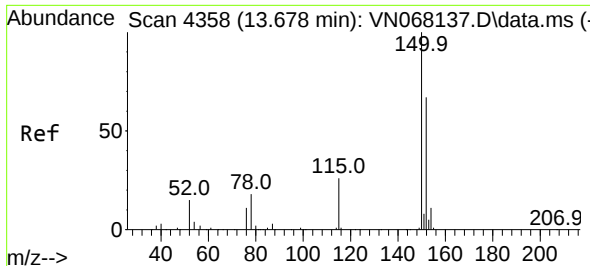
Tgt Ion:106 Resp: 509790
Ion Ratio Lower Upper
106 100
91 210.2 118.3 354.9



#70
Styrene
Concen: 45.546 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:104 Resp: 850799
Ion Ratio Lower Upper
104 100
78 44.1 48.2 72.2#
103 56.4 44.5 66.7

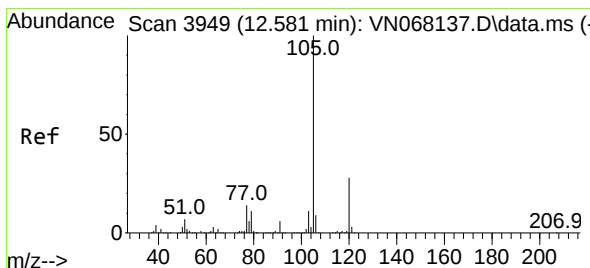
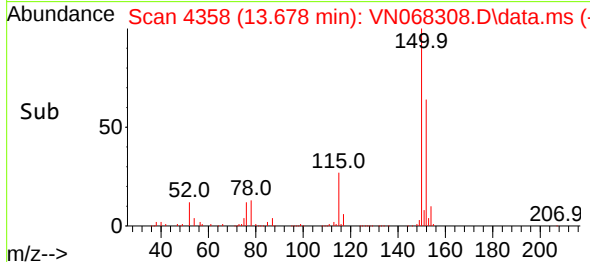
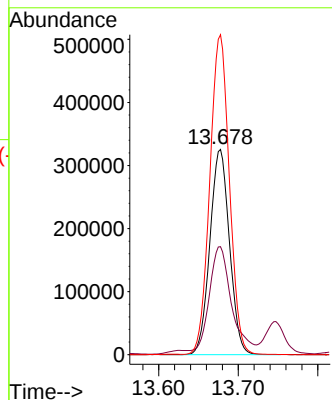
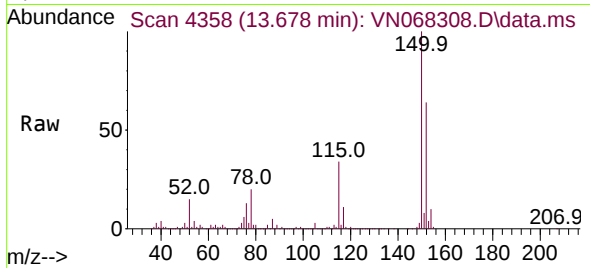




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

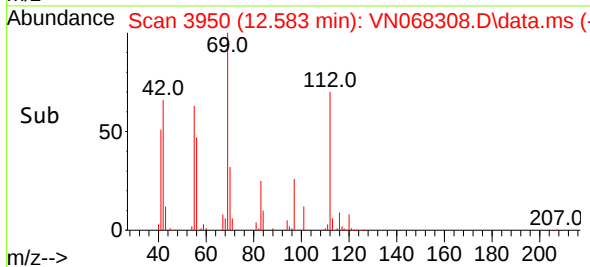
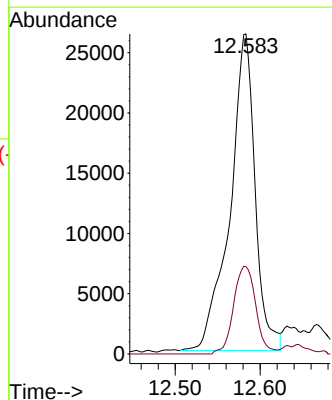
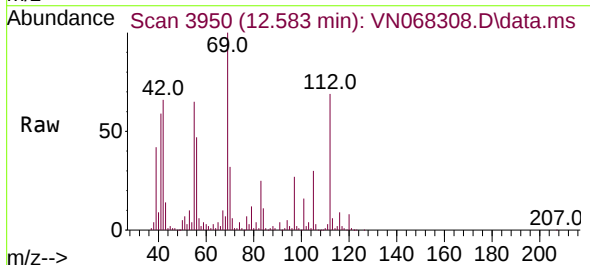
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ClientSampled :
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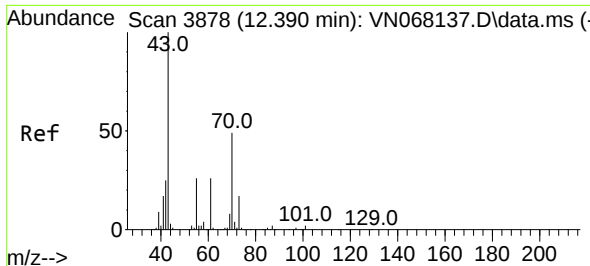
Tgt Ion:152 Resp: 556337
Ion Ratio Lower Upper
152 100
115 60.1 36.1 108.5
150 155.9 0.0 351.8



#73
Isopropylbenzene
Concen: 1.365 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:105 Resp: 54003
Ion Ratio Lower Upper
105 100
120 24.5 12.5 37.5

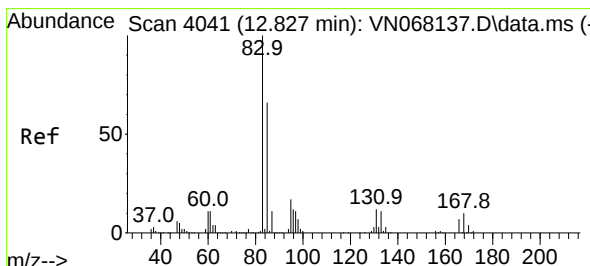
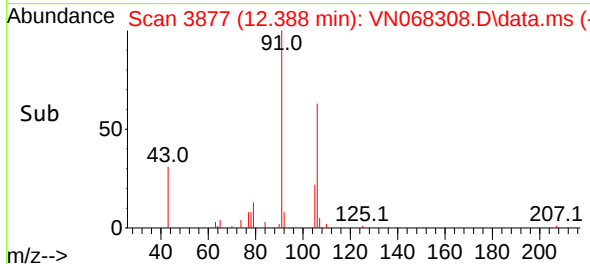
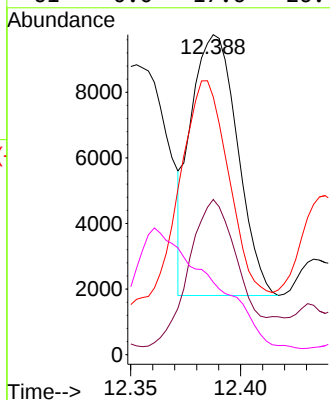
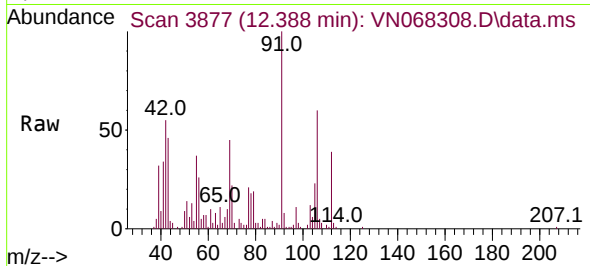




#74
N-amy1 acetate
Concen: 1.136 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

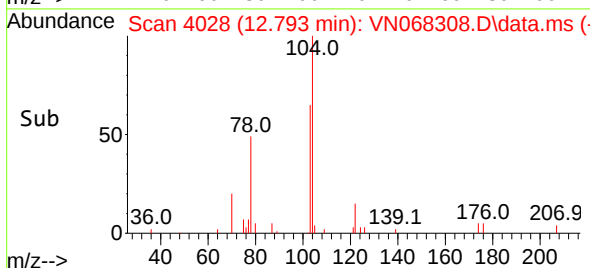
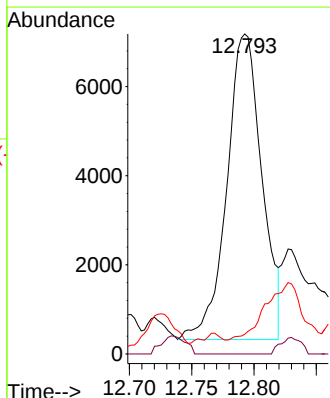
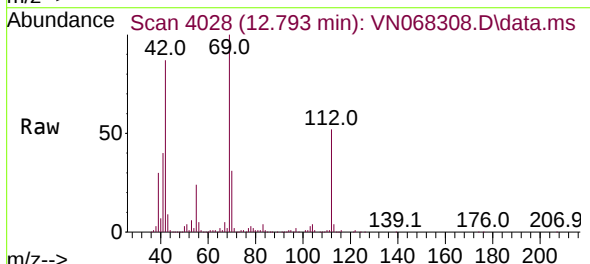
Instrument :
MSVOA_N
ClientSampleId :
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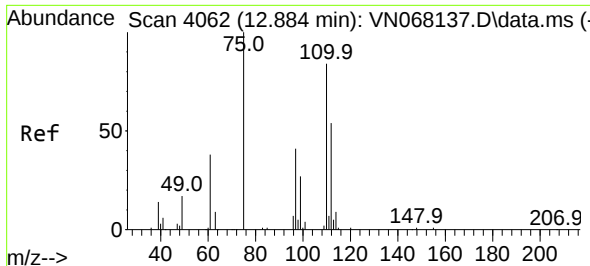
Tgt Ion:	43	Resp:	11708
Ion	Ratio	Lower	Upper
43	100		
70	64.1	29.4	44.2#
55	91.7	17.0	25.4#
61	0.0	17.6	26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.130 ug/l
RT: 12.793 min Scan# 4028
Delta R.T. -0.034 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:	83	Resp:	13409
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	0.0	32.2	96.6#

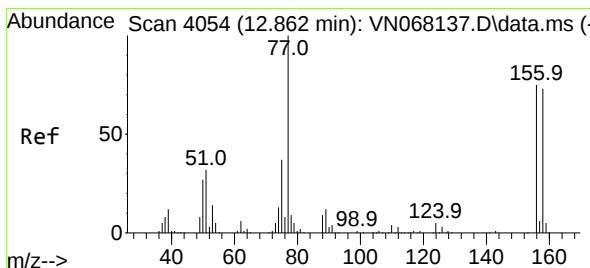
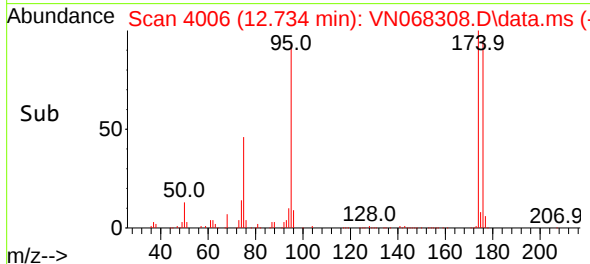
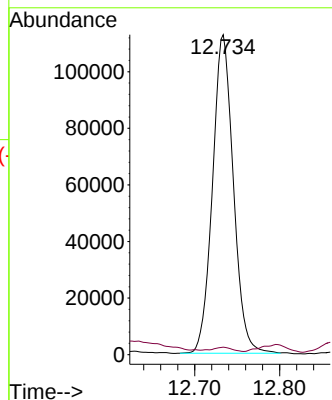
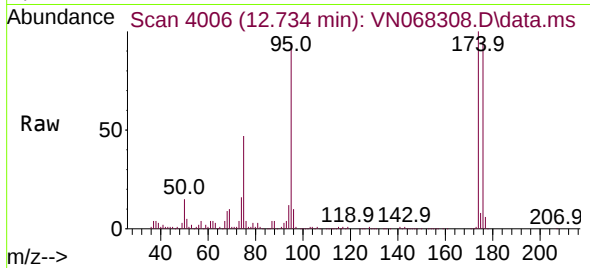




#76
1,2,3-Trichloropropane
Concen: 20.747 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

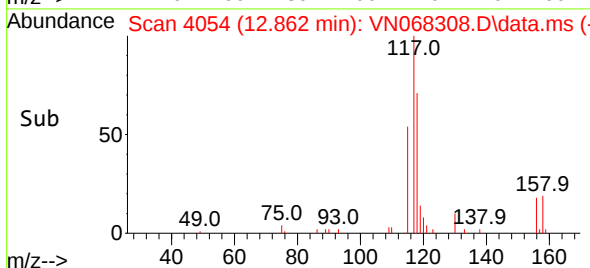
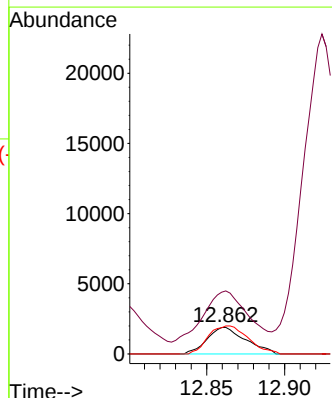
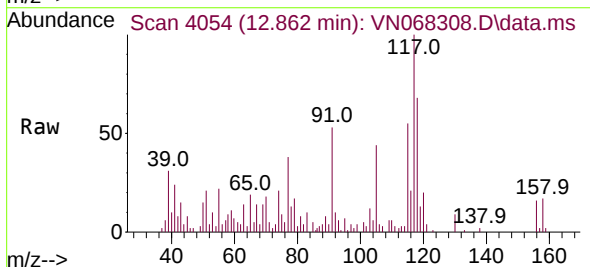
Instrument :
MSVOA_N
ClientSampled :
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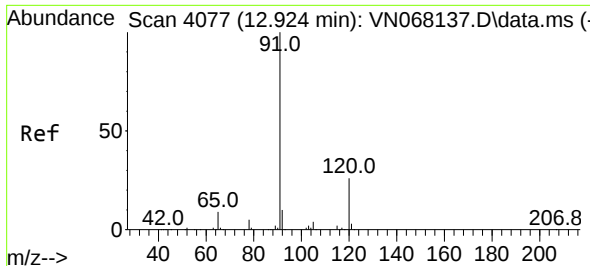
Tgt Ion: 75 Resp: 191845
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#77
Bromobenzene
Concen: 0.298 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 156 Resp: 3251
Ion Ratio Lower Upper
156 100
77 218.7 136.2 408.6
158 109.1 48.4 145.3

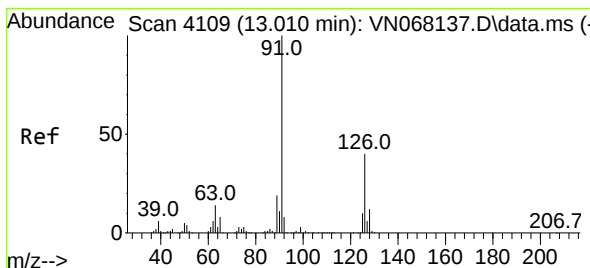
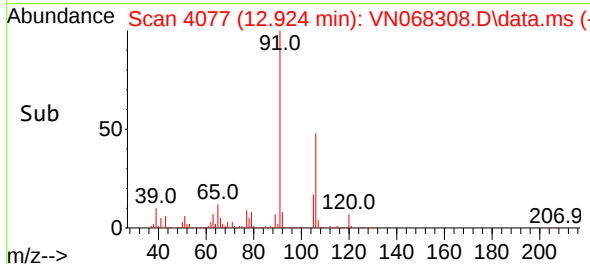
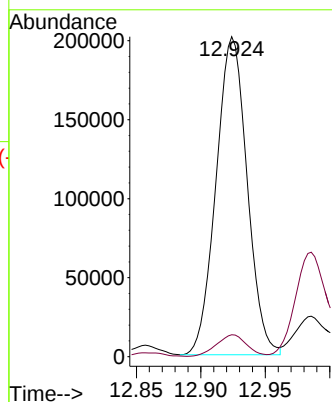
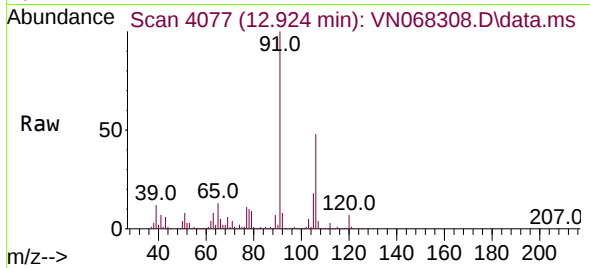




#78
n-propylbenzene
Concen: 7.952 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

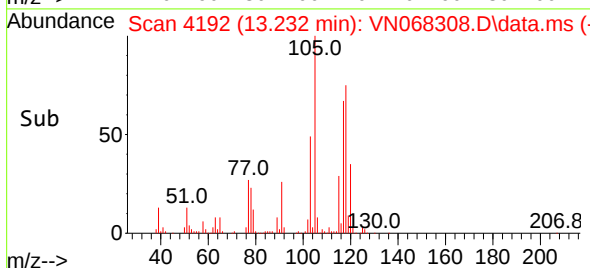
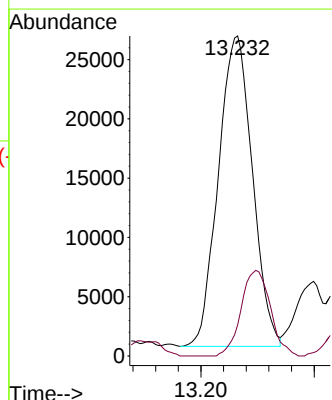
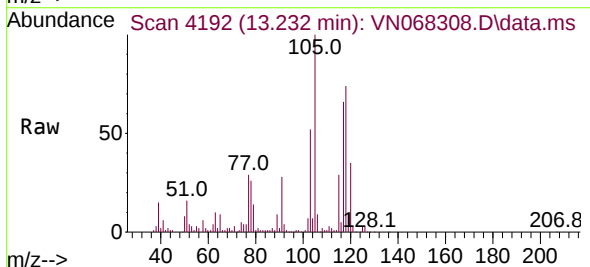
Instrument :
MSVOA_N
ClientSampled :
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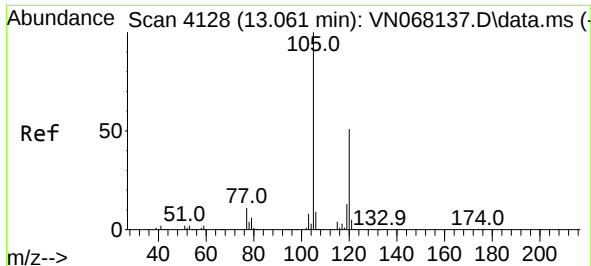
Tgt Ion: 91 Resp: 337517
Ion Ratio Lower Upper
91 100
120 6.5 10.4 31.4#



#79
2-Chlorotoluene
Concen: 2.083 ug/l
RT: 13.232 min Scan# 4192
Delta R.T. 0.222 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 91 Resp: 54678
Ion Ratio Lower Upper
91 100
126 23.7 14.5 43.5

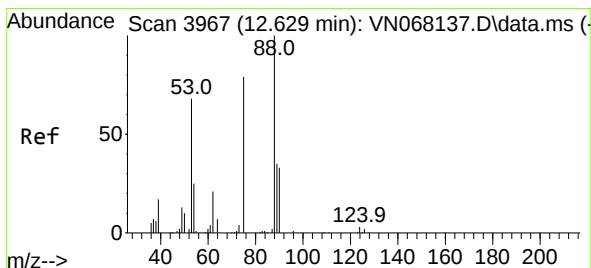
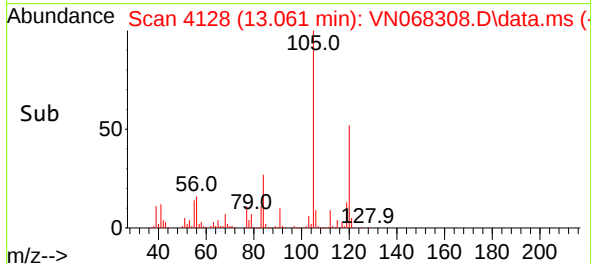
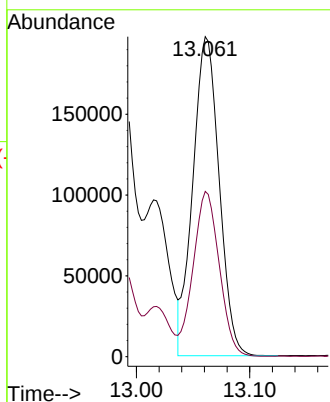
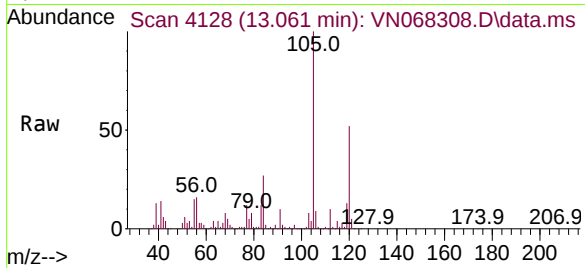




#80
1,3,5-Trimethylbenzene
Concen: 9.939 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

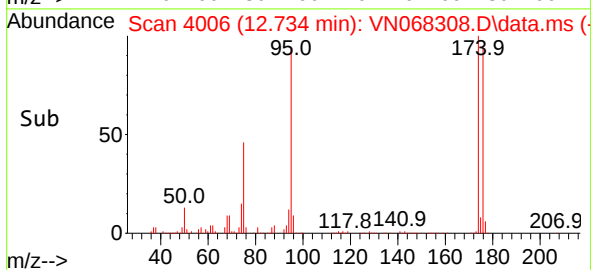
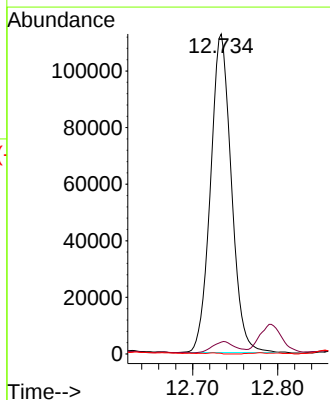
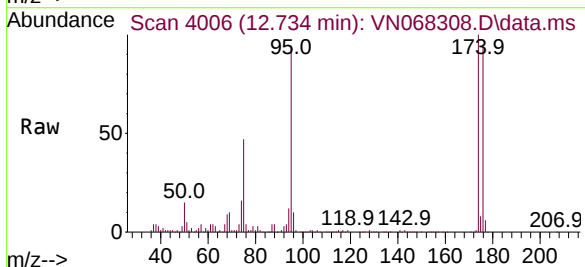
Instrument :
MSVOA_N
ClientSampled :
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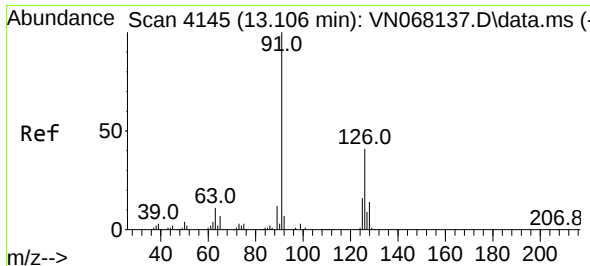
Tgt Ion:105 Resp: 318145
Ion Ratio Lower Upper
105 100
120 51.1 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 67.971 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 75 Resp: 191845
Ion Ratio Lower Upper
75 100
53 3.9 87.6 131.4#
89 0.0 37.8 56.8#

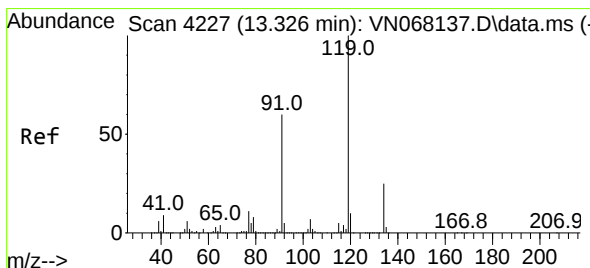
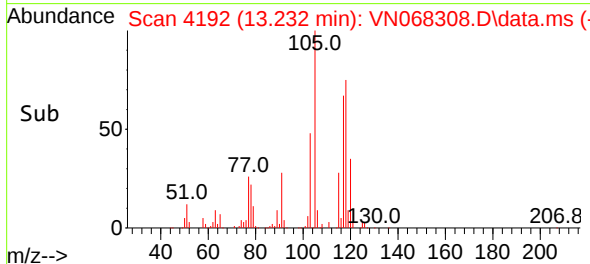
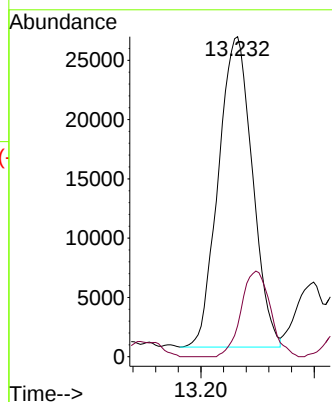
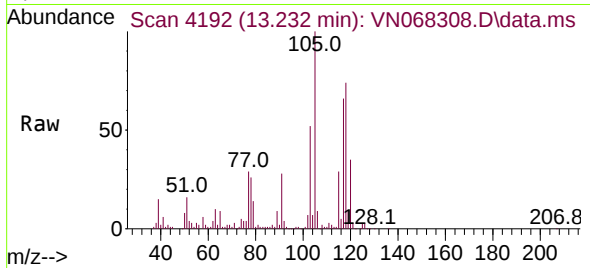




#82
4-Chlorotoluene
Concen: 2.146 ug/l
RT: 13.232 min Scan# 4192
Delta R.T. 0.126 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

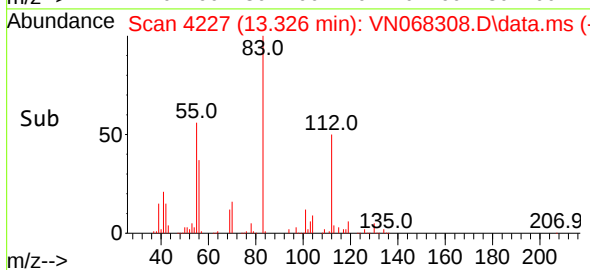
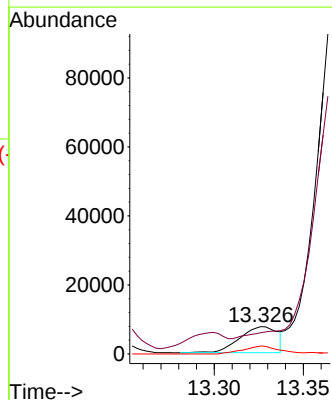
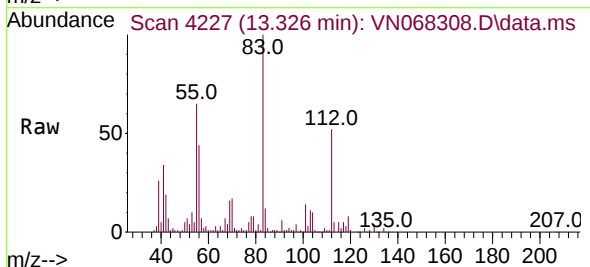
Instrument :
MSVOA_N
ClientSampled :
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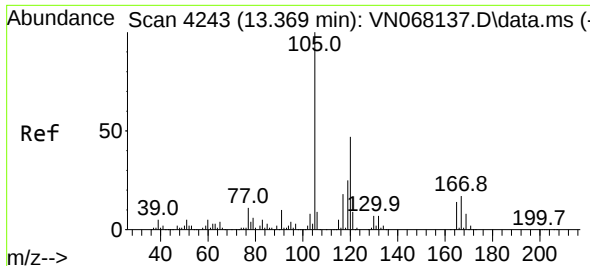
Tgt Ion: 91 Resp: 54678
Ion Ratio Lower Upper
91 100
126 23.7 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.393 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 119 Resp: 11170
Ion Ratio Lower Upper
119 100
91 0.0 39.5 118.5#
134 29.1 12.0 36.0

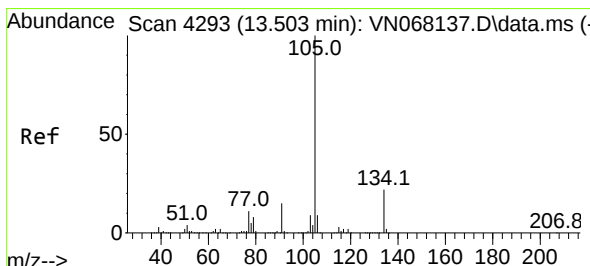
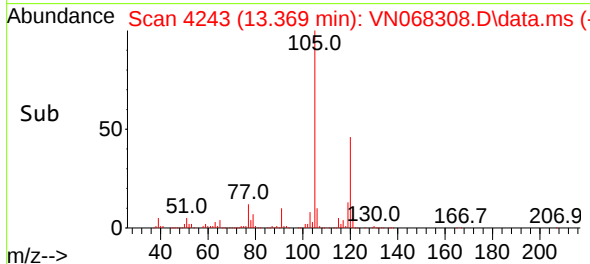
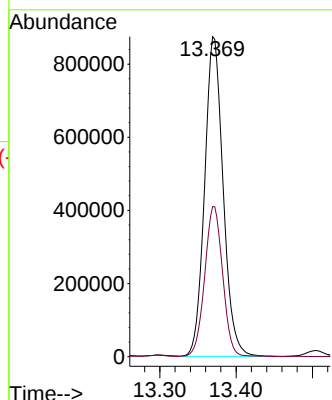
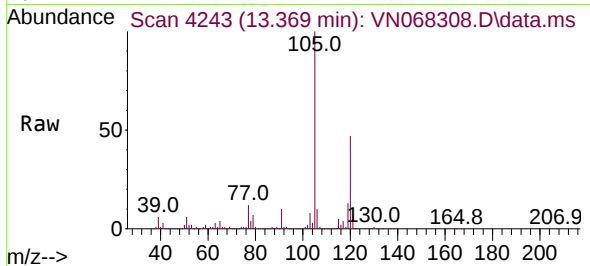




#84
1,2,4-Trimethylbenzene
Concen: 47.147 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

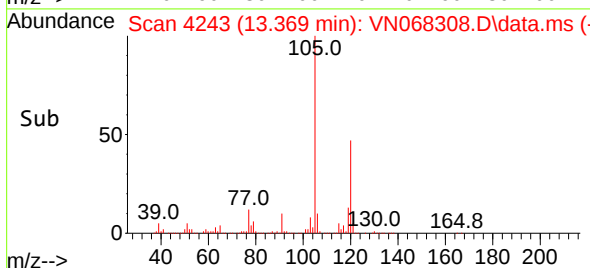
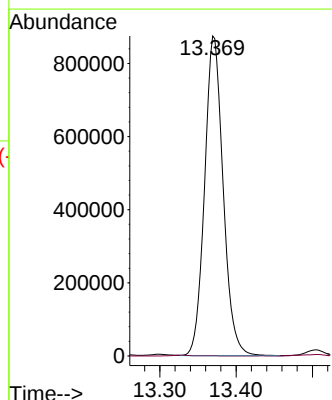
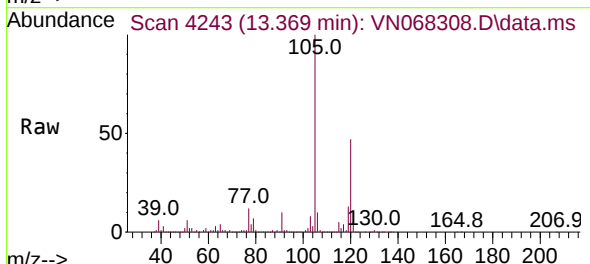
Instrument :
MSVOA_N
ClientSampled :
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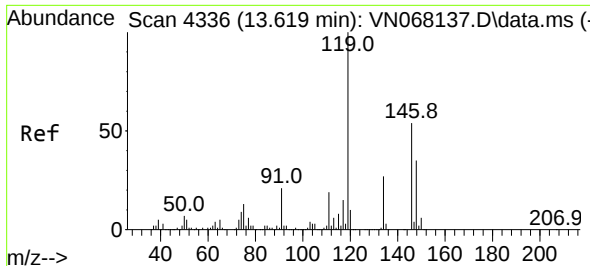
Tgt Ion:105 Resp: 1473223
Ion Ratio Lower Upper
105 100
120 45.5 20.6 61.8



#85
sec-Butylbenzene
Concen: 39.363 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.134 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:105 Resp: 1473223
Ion Ratio Lower Upper
105 100
134 0.0 9.0 27.1#

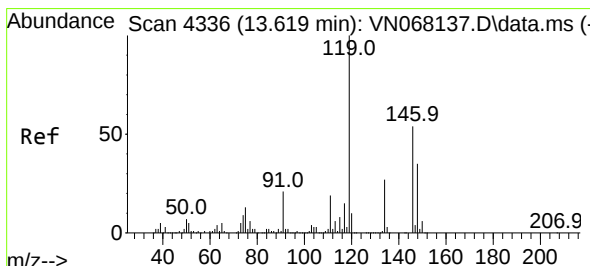
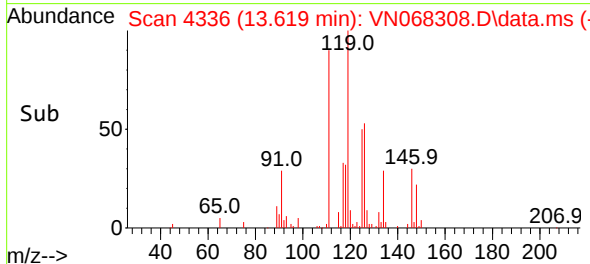
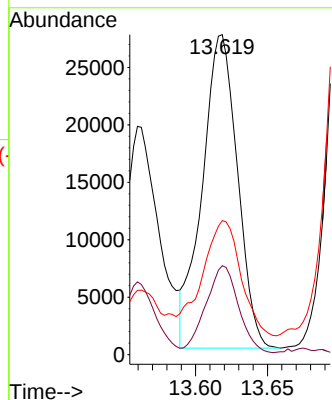
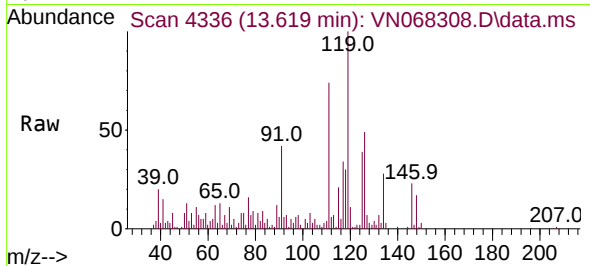




#86
p-Isopropyltoluene
Concen: 1.506 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

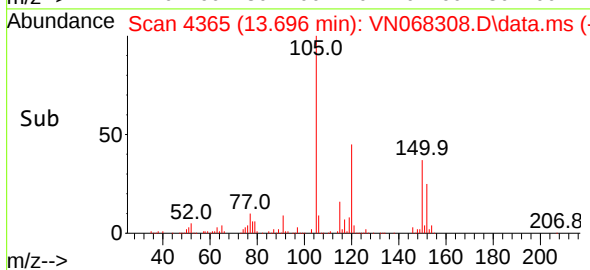
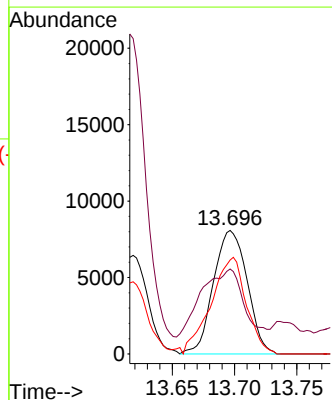
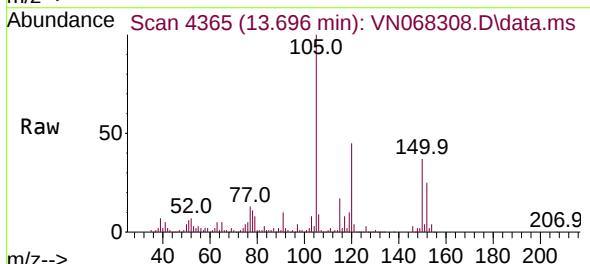
Instrument :
MSVOA_N
ClientSampled :
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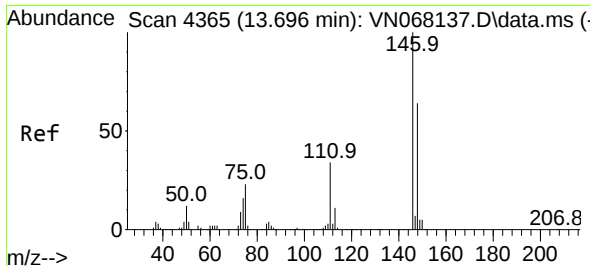
Tgt Ion:119 Resp: 46520
Ion Ratio Lower Upper
119 100
134 25.8 12.4 37.4
91 40.3 14.8 44.3



#87
1,3-Dichlorobenzene
Concen: 0.820 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.077 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:146 Resp: 15242
Ion Ratio Lower Upper
146 100
111 68.5 24.3 72.8
148 81.6 32.0 96.0

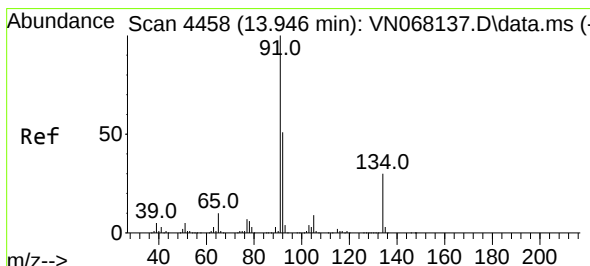
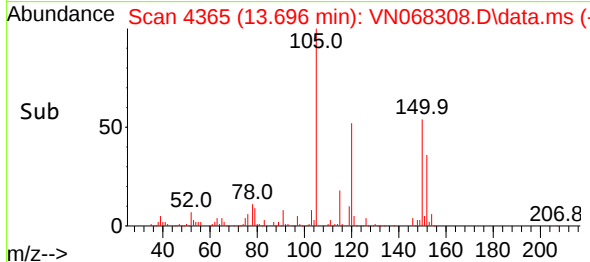
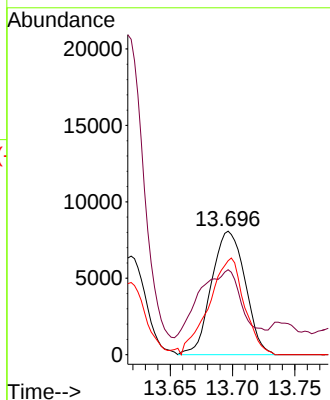
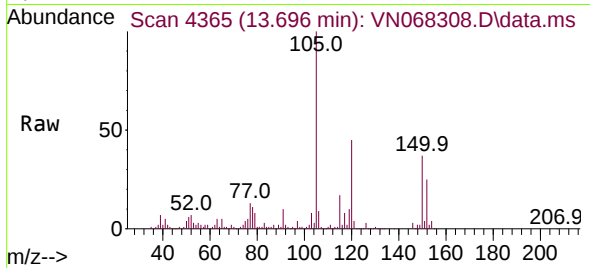




#88
1,4-Dichlorobenzene
Concen: 0.809 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

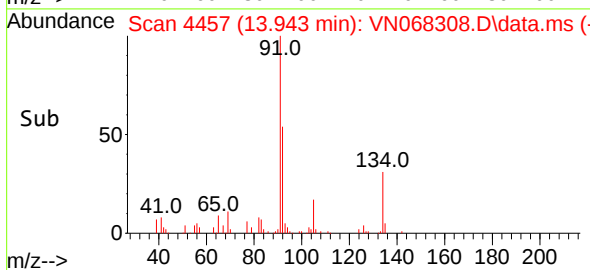
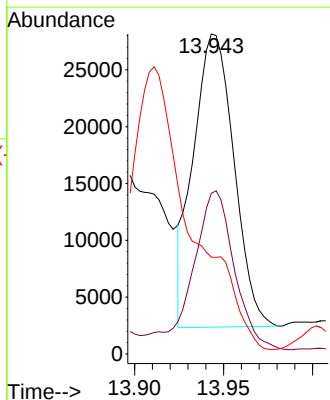
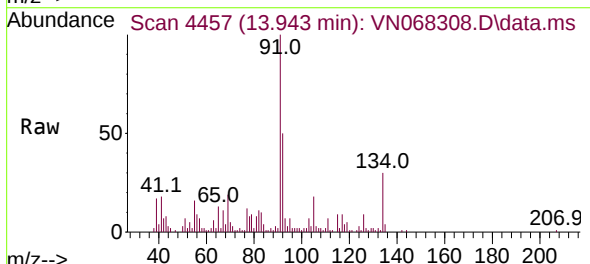
Instrument :
MSVOA_N
ClientSampled :
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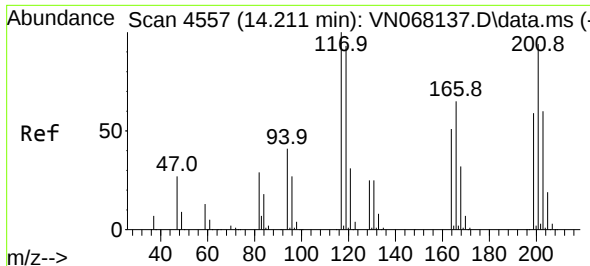
Tgt Ion:146 Resp: 15242
Ion Ratio Lower Upper
146 100
111 68.1 23.4 70.2
148 81.6 31.8 95.3



#89
n-Butylbenzene
Concen: 1.777 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion: 91 Resp: 40948
Ion Ratio Lower Upper
91 100
92 53.8 25.7 77.1
134 0.0 11.2 33.6#

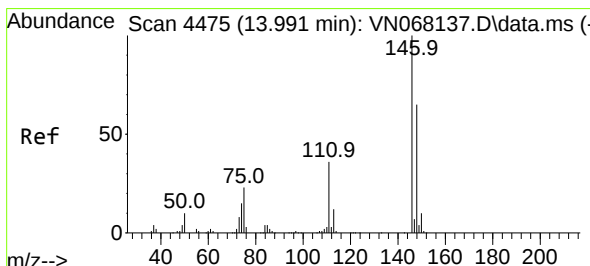
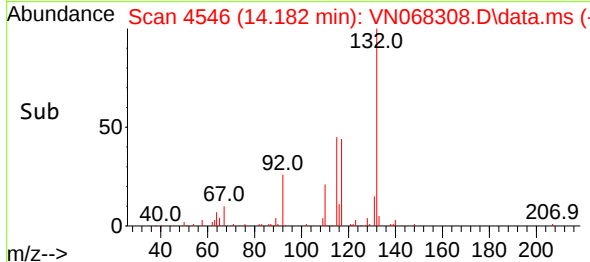
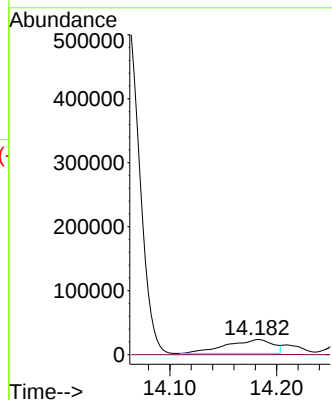
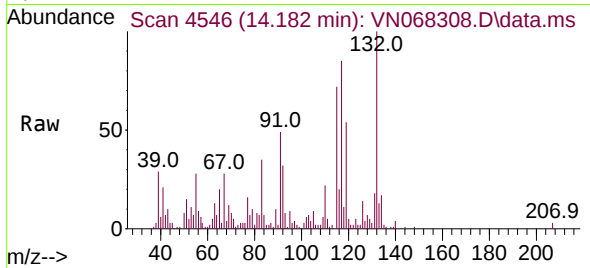




#90
Hexachloroethane
Concen: 11.606 ug/l
RT: 14.182 min Scan# 4546
Delta R.T. -0.029 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

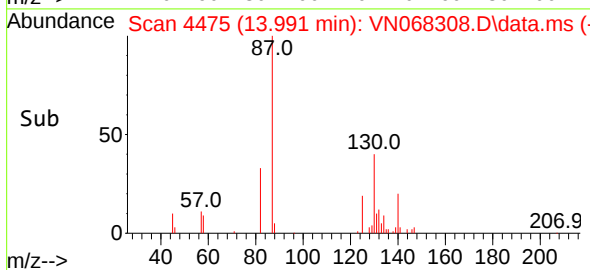
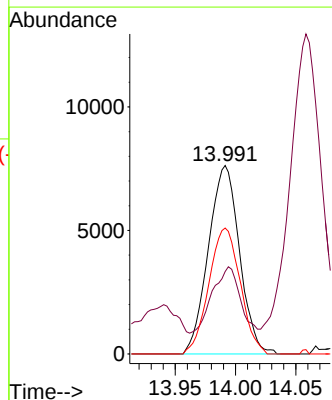
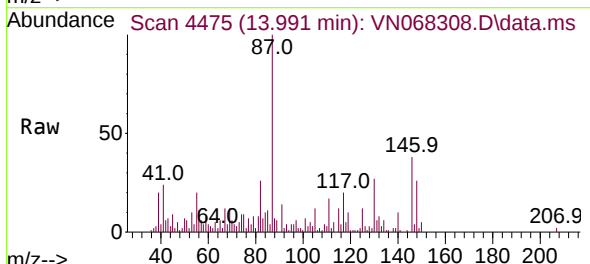
Instrument :
MSVOA_N
ClientSampled :
31113

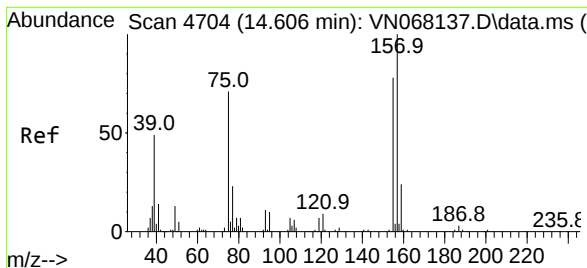
Tgt Ion:117 Resp: 66525
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#91
1,2-Dichlorobenzene
Concen: 0.773 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:146 Resp: 13681
Ion Ratio Lower Upper
146 100
111 30.8 24.9 74.6
148 67.5 31.6 95.0

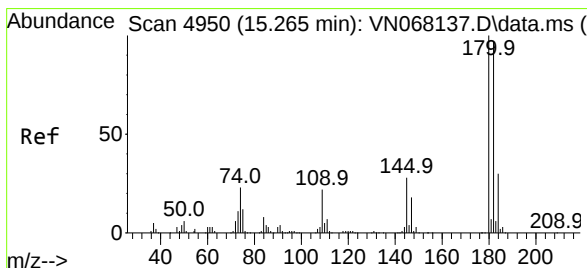
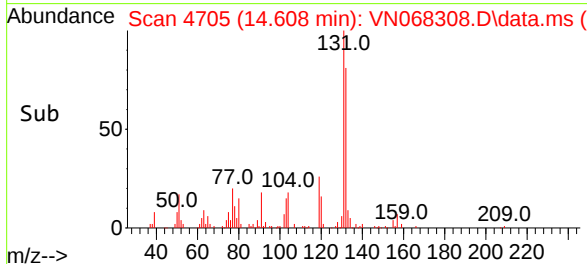
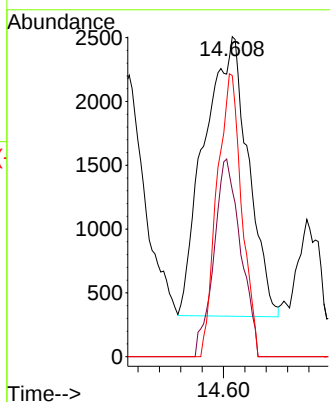
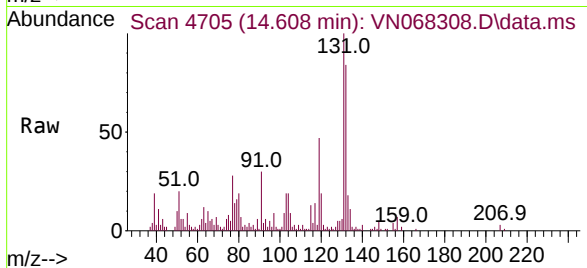




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.479 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

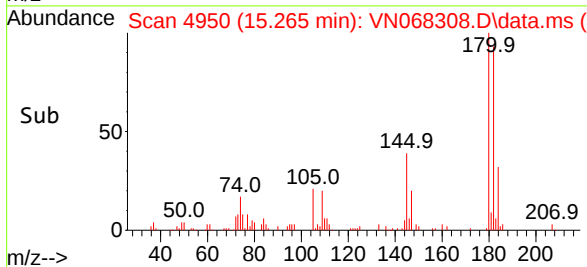
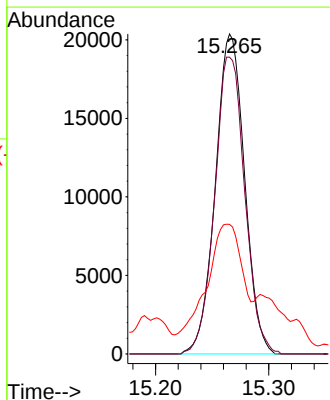
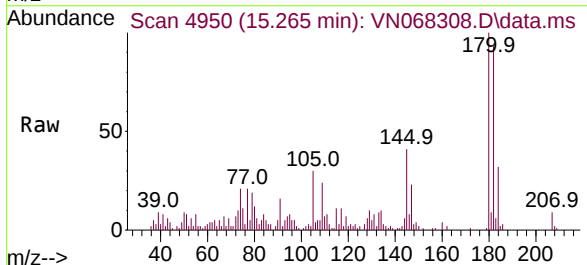
Instrument :
MSVOA_N
ClientSampled :
31113

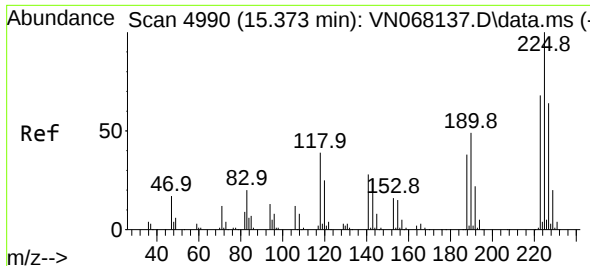
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
155 43.2 29.8 89.5
157 56.8 37.6 112.8



#93
1,2,4-Trichlorobenzene
Concen: 6.401 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:180 Resp: 36447
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 39.9 17.2 51.6

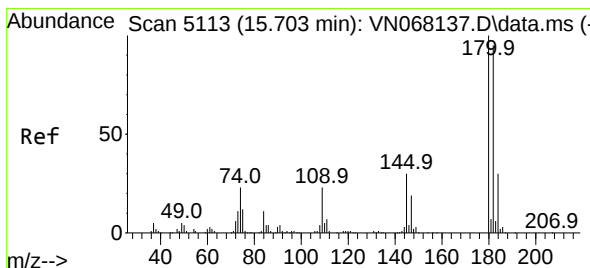
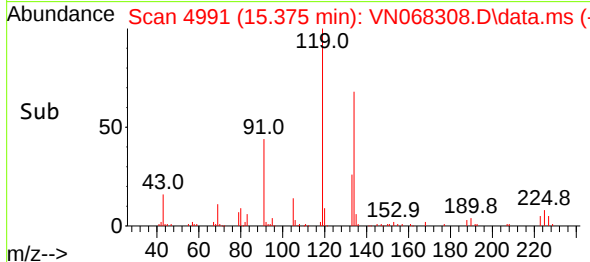
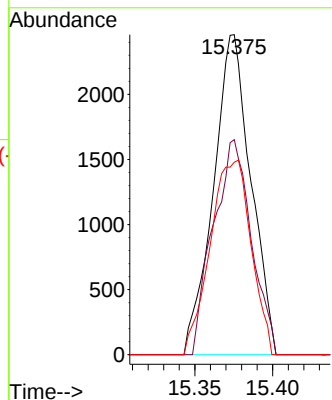
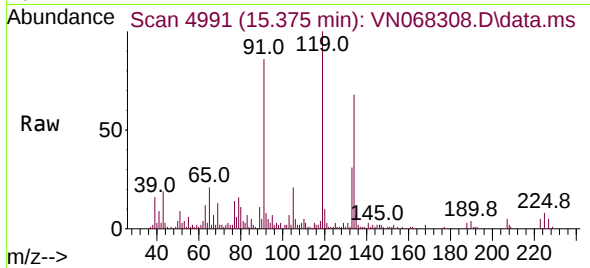




#94
Hexachlorobutadiene
Concen: 0.858 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Instrument :
MSVOA_N
ClientSampled :
31113

Tgt Ion:225 Resp: 4112
Ion Ratio Lower Upper
225 100
223 68.3 31.4 94.0
227 66.3 31.2 93.6



#96
1,2,3-Trichlorobenzene
Concen: 7.860 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.001 min
Lab File: VN068308.D
Acq: 25 Aug 2021 18:55

Tgt Ion:180 Resp: 46972
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 56.5 18.2 54.6#

