

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068311.D
 Acq On : 25 Aug 2021 20:10
 Operator : JC/MD
 Sample : M3529-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31116

Quant Time: Aug 26 05:41:01 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	8.086	168	745781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1074165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1171510	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	625378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279506	35.101	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	70.200%
35) Dibromofluoromethane	8.024	113	280757	41.631	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	83.260%
50) Toluene-d8	10.443	98	1166612	45.399	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.733	95	466527	54.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.080%

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1670	0.250	ug/l #	87
5) Bromomethane	2.813	94	320	Below Cal	#	4
6) Chloroethane	3.009	64	233	Below Cal	#	61
11) Tert butyl alcohol	5.390	59	99115	99.811	ug/l	99
13) Acrolein	4.044	56	2084	Below Cal	#	70
14) Allyl chloride	4.798	41	22966	2.972	ug/l #	35
16) Acetone	4.291	43	1096494	471.625	ug/l #	84
17) Carbon Disulfide	4.529	76	3826	0.245	ug/l #	74
18) Methyl Acetate	4.867	43	11994	Below Cal	#	89
20) Methylene Chloride	5.093	84	1700	Below Cal	#	68
25) 2-Butanone	7.343	43	160867	44.399	ug/l #	82
29) Tetrahydrofuran	7.689	42	2490	1.075	ug/l #	75
31) Cyclohexane	8.086	56	14573	1.389	ug/l #	2
36) 1,1-Dichloropropene	8.086	75	41374	4.712	ug/l #	53
37) Ethyl Acetate	7.343	43	160867	21.505	ug/l #	70
38) Carbon Tetrachloride	8.086	117	61781	6.100	ug/l #	16
39) Methylcyclohexane	9.459	83	11704	1.180	ug/l	89
40) Benzene	8.461	78	909276	33.927	ug/l	98
41) Methacrylonitrile	7.665	41	7380	2.161	ug/l #	22
42) 1,2-Dichloroethane	8.466	62	8135	0.891	ug/l	87
48) Methyl methacrylate	9.545	41	4347	0.871	ug/l #	30
49) 1,4-Dioxane	9.577	88	3755	31.111	ug/l #	60
51) 4-Methyl-2-Pentanone	10.333	43	103494	14.060	ug/l	91
52) Toluene	10.507	92	1227846	67.203	ug/l	100
53) t-1,3-Dichloropropene	10.505	75	12912	1.376	ug/l #	1
54) cis-1,3-Dichloropropene	10.288	75	3828	0.376	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	3150	0.431	ug/l #	18
57) 1,3-Dichloropropane	11.146	76	7503	0.667	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.068	63	86348	58.426	ug/l #	50
59) 2-Hexanone	11.089	43	20647	4.040	ug/l	99
64) Tetrachloroethene	10.985	164	4637	0.512	ug/l #	79
67) Ethyl Benzene	11.848	91	424664	10.733	ug/l	90
68) m/p-Xylenes	11.953	106	1250723	79.022	ug/l	77
69) o-Xylene	12.283	106	622773	40.723	ug/l	79
70) Styrene	12.296	104	1036891	42.360	ug/l #	87
73) Isopropylbenzene	12.581	105	58086	1.306	ug/l	98

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

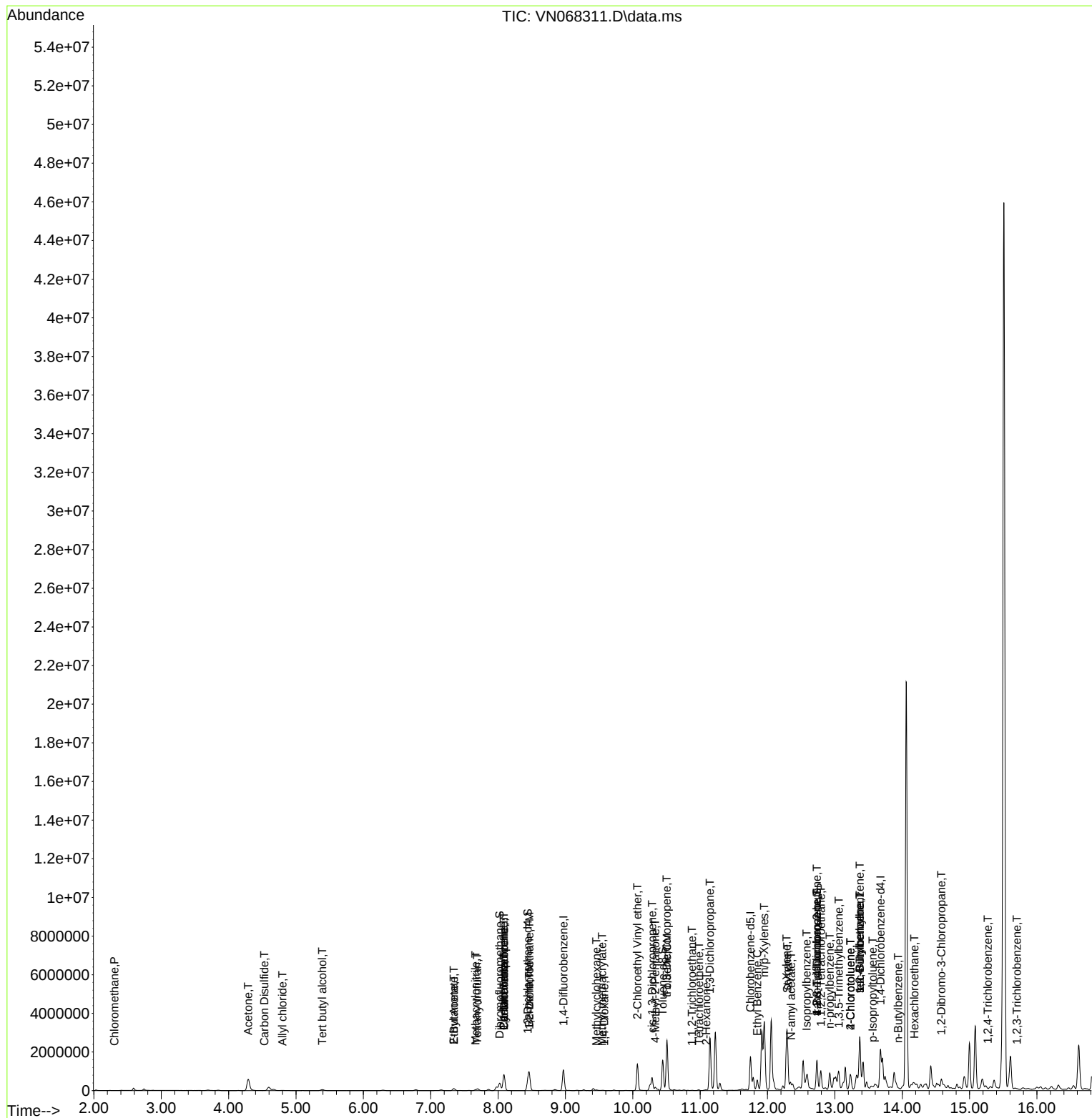
74) N-amyl acetate	12.353	43	21949	1.895	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.793	83	14917	1.118	ug/l #	30
76) 1,2,3-Trichloropropane	12.733	75	225278	21.673	ug/l #	100
78) n-propylbenzene	12.924	91	420941	8.823	ug/l #	65
79) 2-Chlorotoluene	13.232	91	70705	2.396	ug/l	86
80) 1,3,5-Trimethylbenzene	13.061	105	334133	9.286	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.733	75	225278	71.004	ug/l #	9
82) 4-Chlorotoluene	13.232	91	70705	2.469	ug/l	85
83) tert-Butylbenzene	13.372	119	191326	5.988	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.372	105	1627571	46.336	ug/l	93
85) sec-Butylbenzene	13.372	105	1627571	38.687	ug/l #	59
86) p-Isopropyltoluene	13.562	119	36999	1.065	ug/l	91
89) n-Butylbenzene	13.940	91	9837	0.380	ug/l #	79
90) Hexachloroethane	14.182	117	91395	14.185	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.579	75	988	0.489	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.271	180	2412	2.904	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.702	180	3105	3.127	ug/l #	1

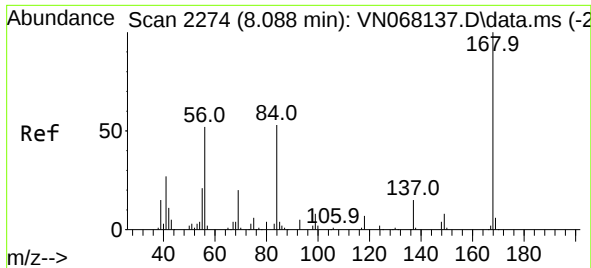
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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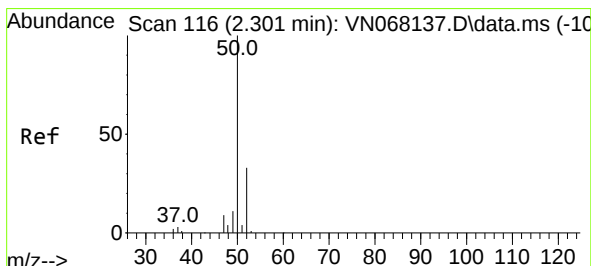
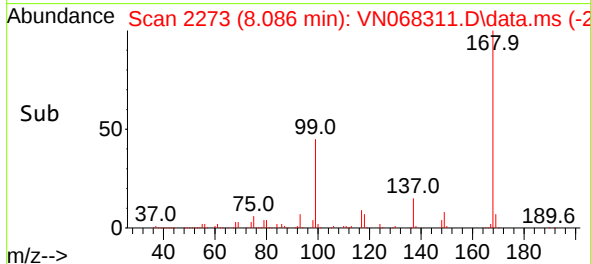
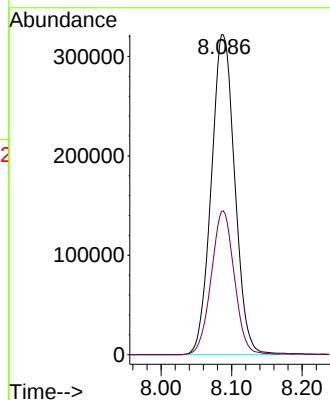
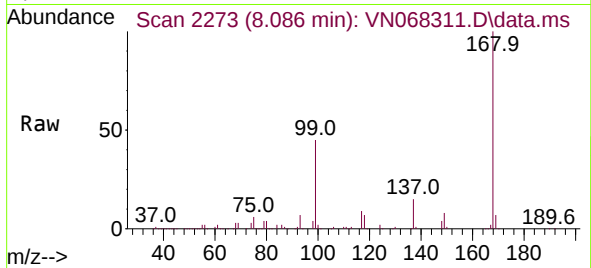




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

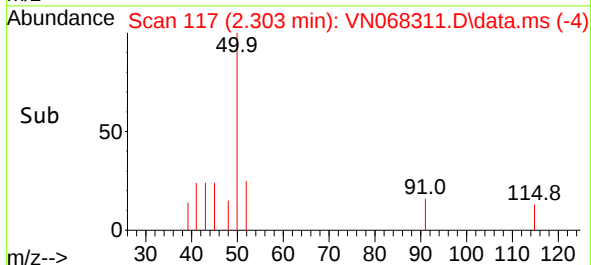
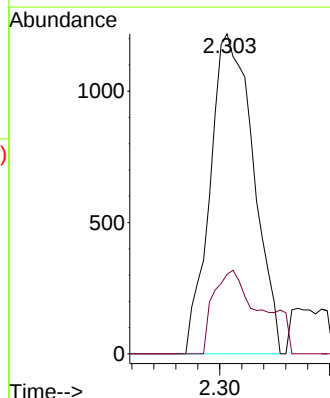
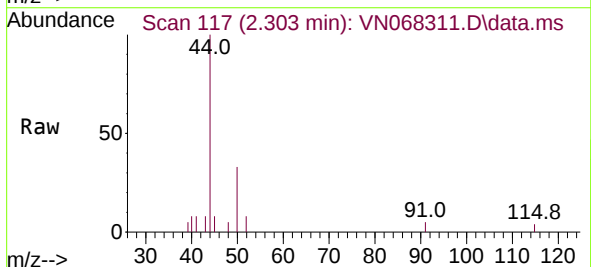
Instrument :
MSVOA_N
ClientSampleId :
31116

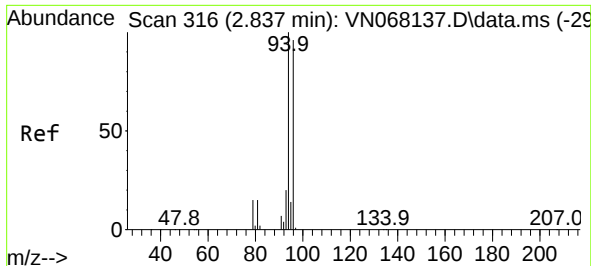
Tgt Ion:168 Resp: 745781
Ion Ratio Lower Upper
168 100
99 44.8 62.9 94.3#



#3
Chloromethane
Concen: 0.250 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 50 Resp: 1670
Ion Ratio Lower Upper
50 100
52 24.9 25.6 38.4#

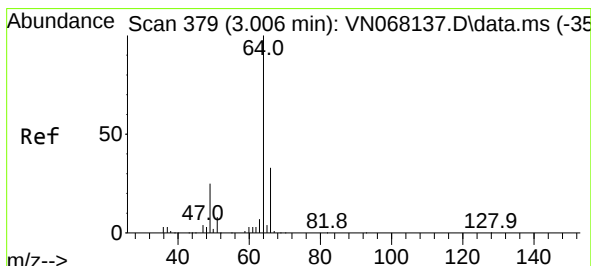
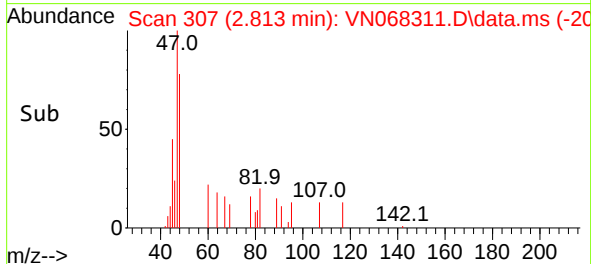
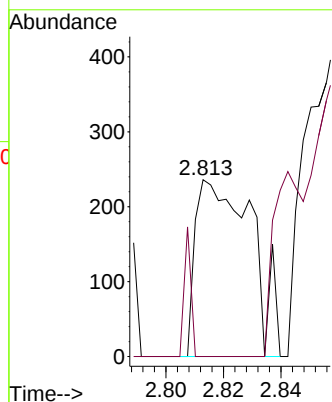
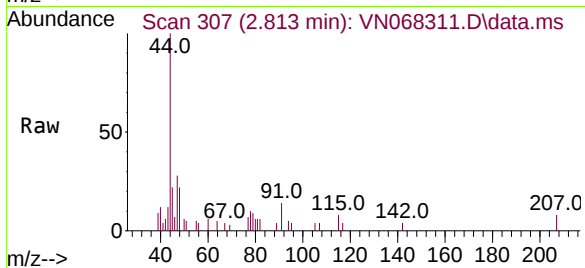




#5
Bromomethane
Concen: Below Cal
RT: 2.813 min Scan# 307
Delta R.T. -0.024 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

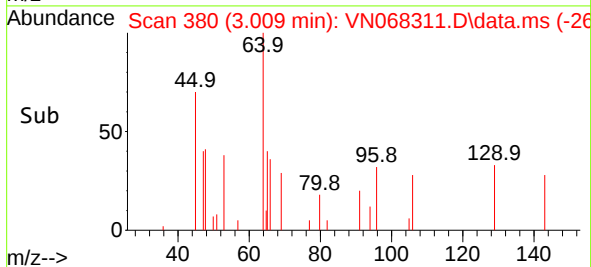
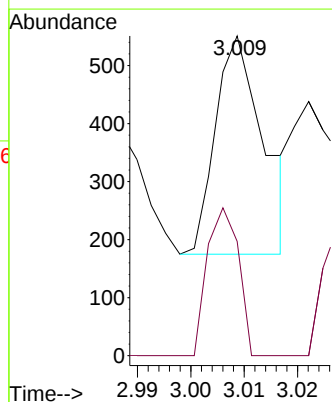
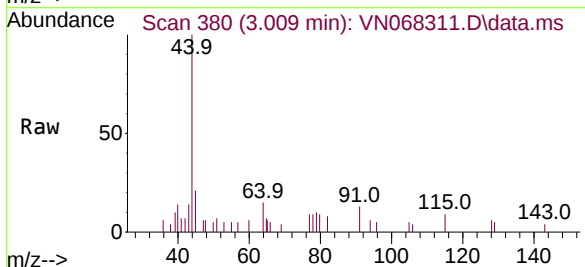
Instrument :
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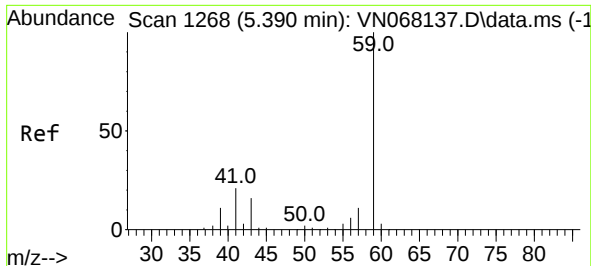
Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. 0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 64 Resp: 233
Ion Ratio Lower Upper
64 100
66 52.4 24.7 37.1#



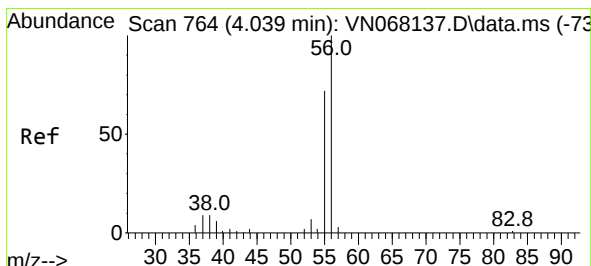
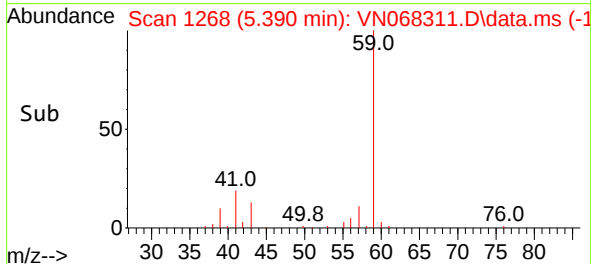
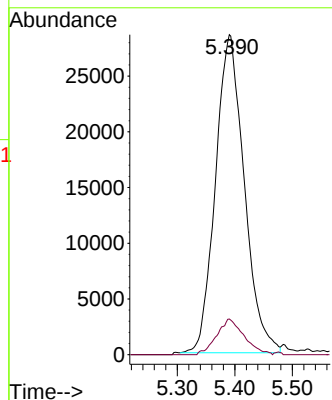
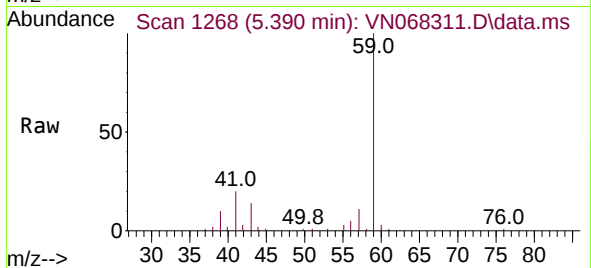


#11

Tert butyl alcohol
Concen: 99.811 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Instrument :
MSVOA_N
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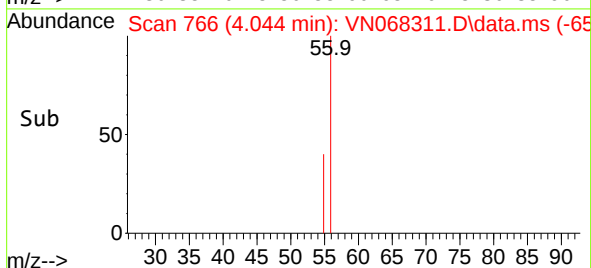
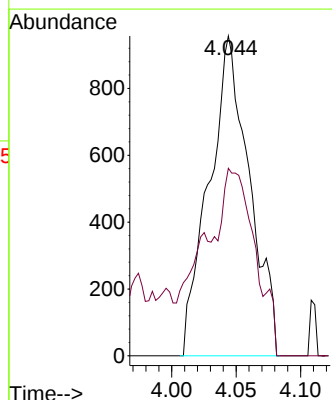
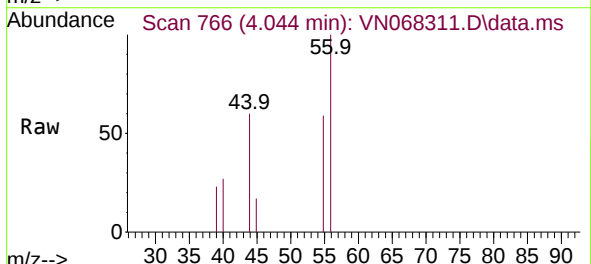
Tgt Ion: 59 Resp: 99115
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

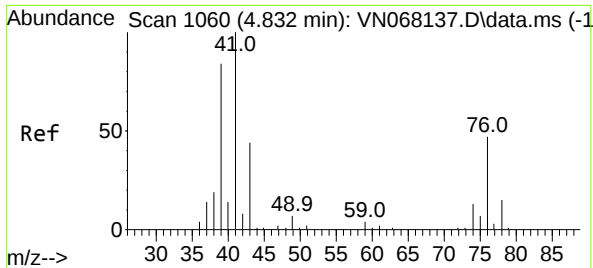


#13

Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 56 Resp: 2084
Ion Ratio Lower Upper
56 100
55 47.1 57.4 86.0#

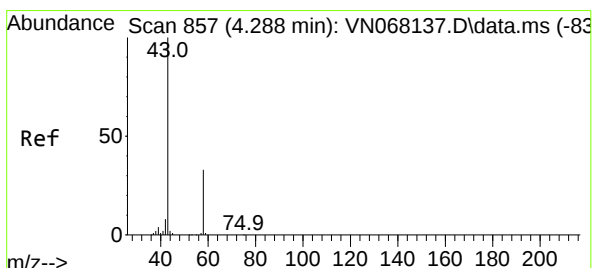
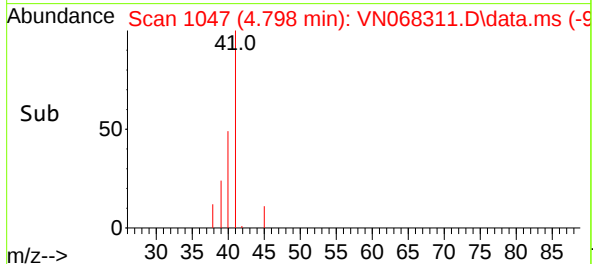
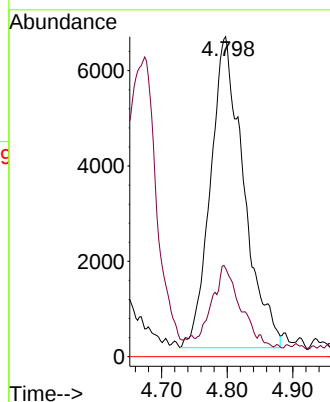
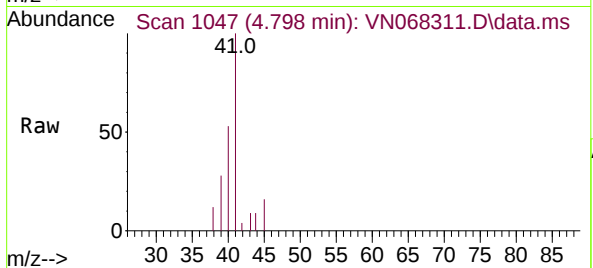




#14
 Allyl chloride
 Concen: 2.972 ug/l
 RT: 4.798 min Scan# 1047
 Delta R.T. -0.034 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

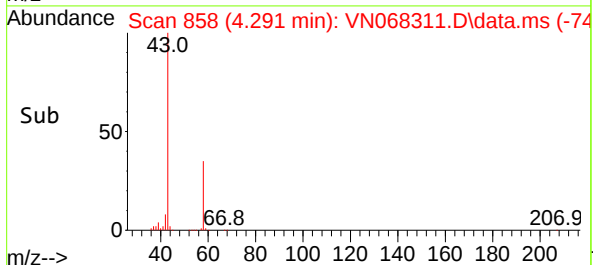
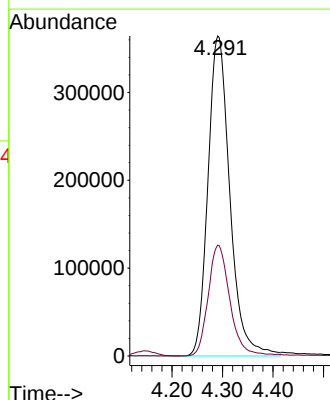
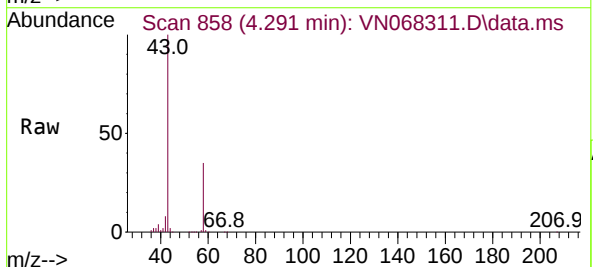
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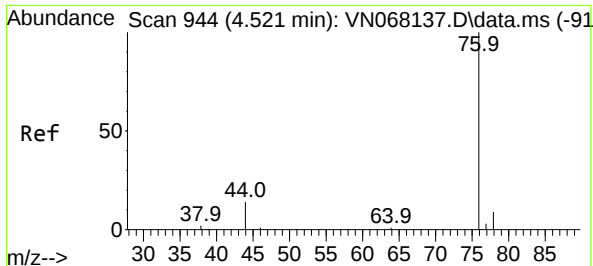
Tgt Ion:	41	Resp:	22966
Ion	Ratio	Lower	Upper
41	100		
39	17.1	60.9	91.3#
76	0.0	24.3	36.5#



#16
 Acetone
 Concen: 471.625 ug/l
 RT: 4.291 min Scan# 858
 Delta R.T. 0.003 min
 Lab File: VN068311.D
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Tgt Ion:	43	Resp:	1096494
Ion	Ratio	Lower	Upper
43	100		
58	34.7	21.2	31.8#

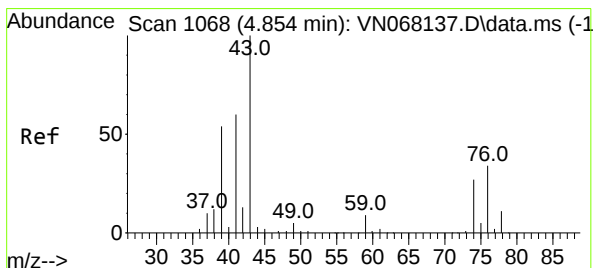
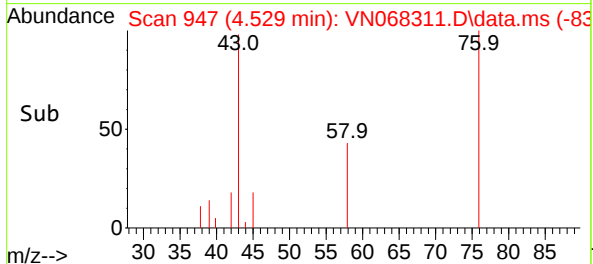
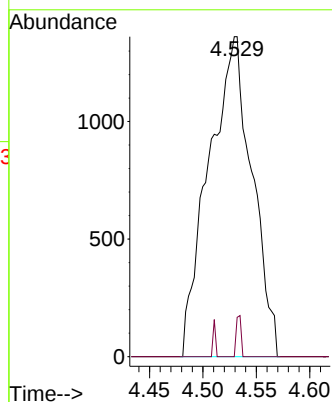
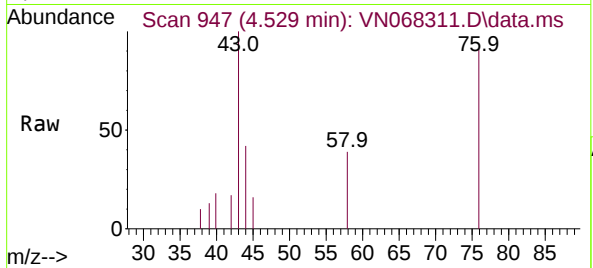




#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.008 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

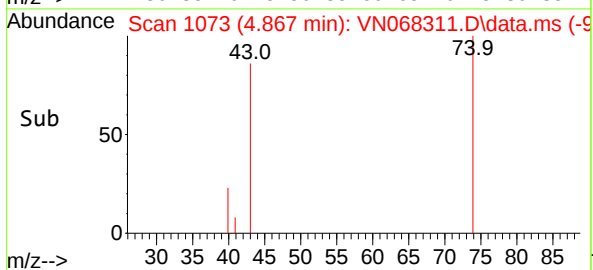
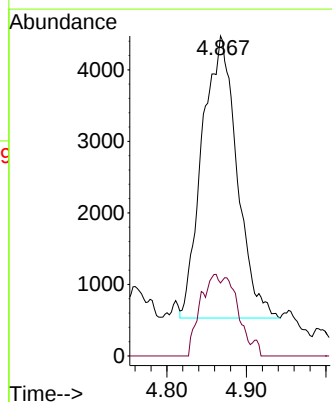
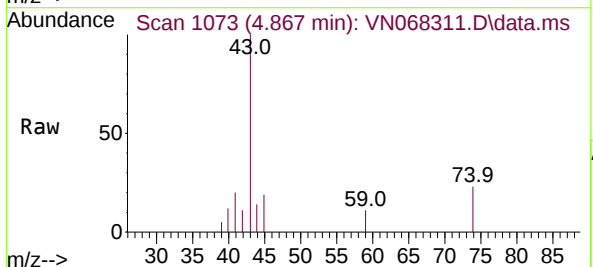
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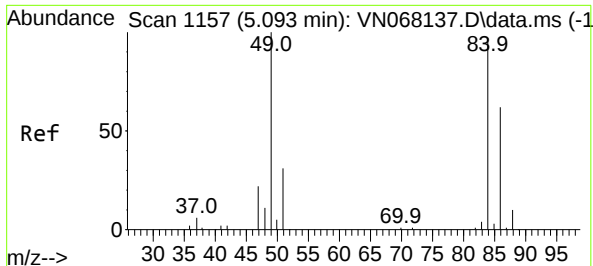
Tgt Ion: 76 Resp: 3826
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 43 Resp: 11994
Ion Ratio Lower Upper
43 100
74 16.5 17.4 26.0#

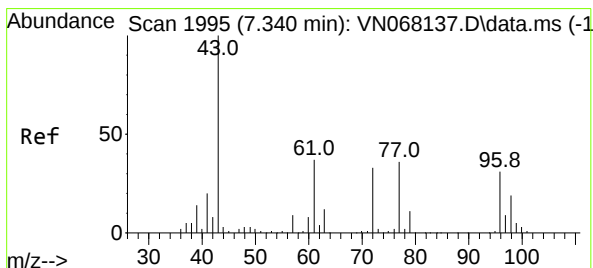
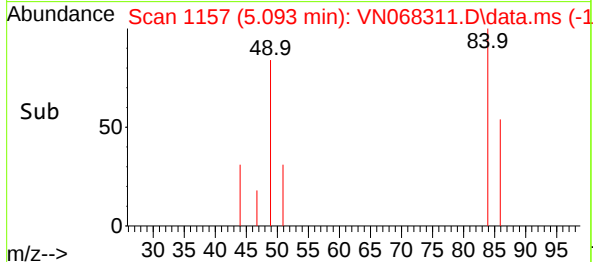
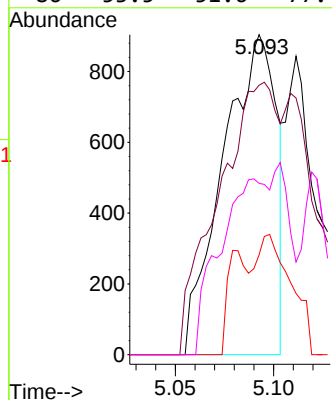
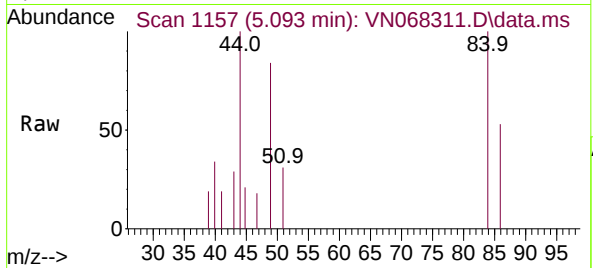




#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068311.D
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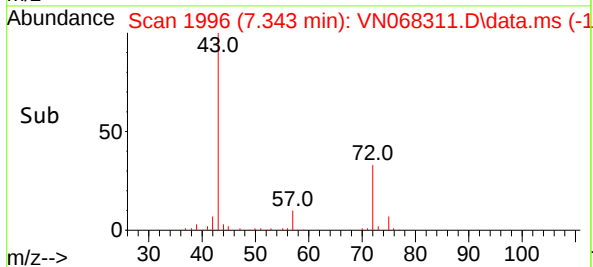
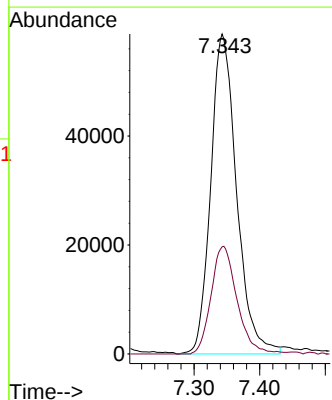
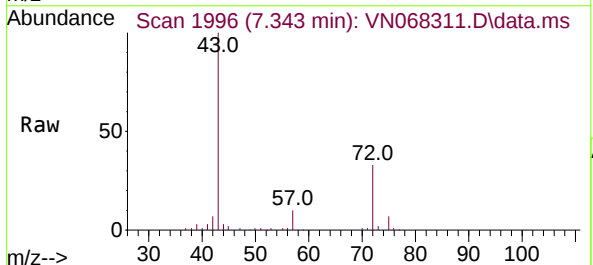
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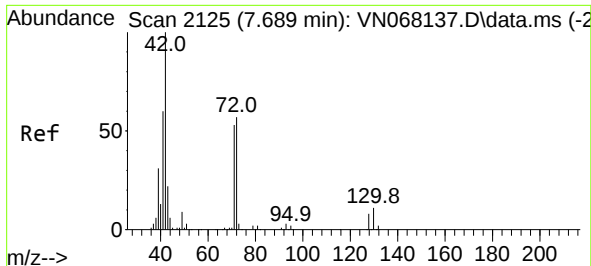
Tgt Ion:	84	Resp:	1700
Ion	Ratio	Lower	Upper
84	100		
49	84.2	110.9	166.3#
51	31.2	32.6	49.0#
86	53.5	51.6	77.4



#25
2-Butanone
Concen: 44.399 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:	43	Resp:	160867
Ion	Ratio	Lower	Upper
43	100		
72	33.5	19.7	29.5#





#29

Tetrahydrofuran

Concen: 1.075 ug/l

RT: 7.689 min Scan# 2125

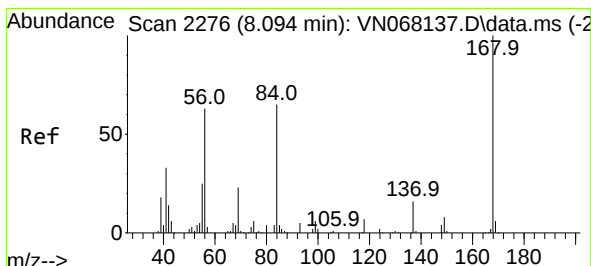
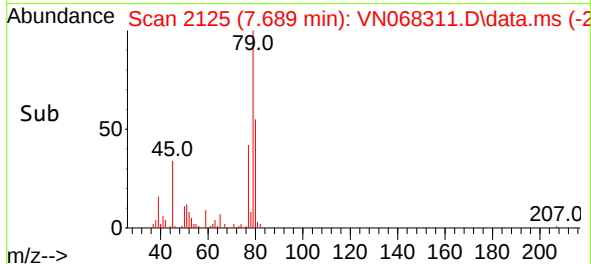
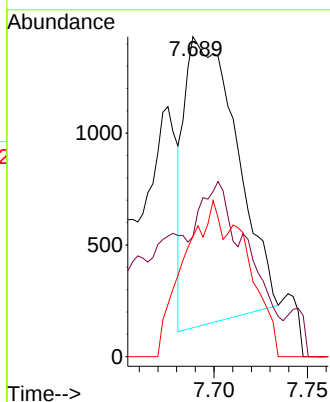
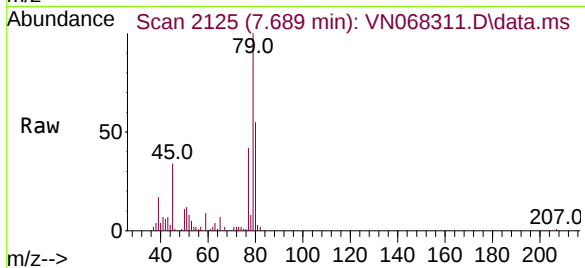
Delta R.T. -0.000 min

Lab File: VN068311.D

Acq: 25 Aug 2021 20:10

Instrument :
MSVOA_N
ClientSampled :
31116

Tgt Ion:	42	Resp:	2490
Ion	Ratio	Lower	Upper
42	100		
72	10.3	32.8	49.2#
71	39.3	31.2	46.8



#31

Cyclohexane

Concen: 1.389 ug/l

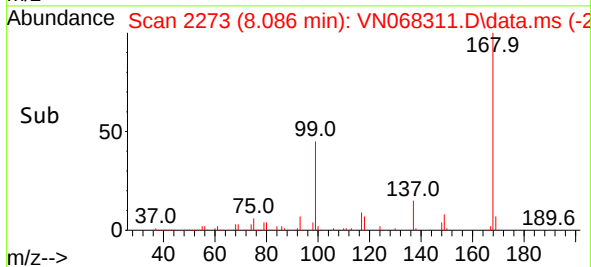
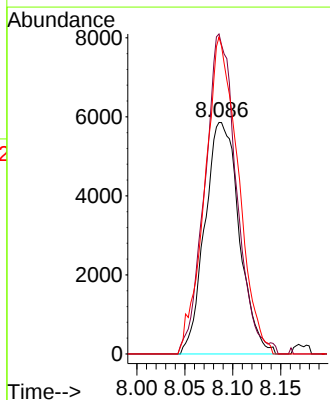
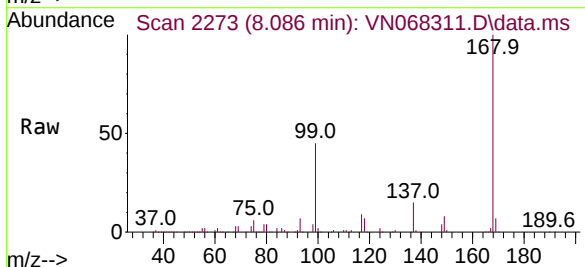
RT: 8.086 min Scan# 2273

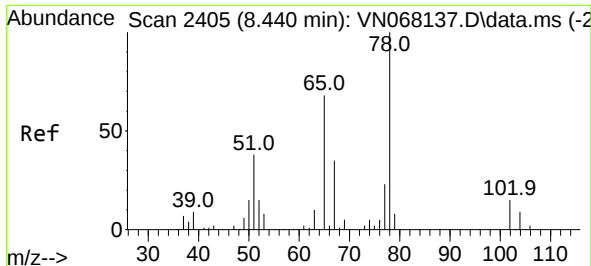
Delta R.T. -0.008 min

Lab File: VN068311.D

Acq: 25 Aug 2021 20:10

Tgt Ion:	56	Resp:	14573
Ion	Ratio	Lower	Upper
56	100		
69	138.2	27.3	40.9#
84	136.8	64.9	97.3#

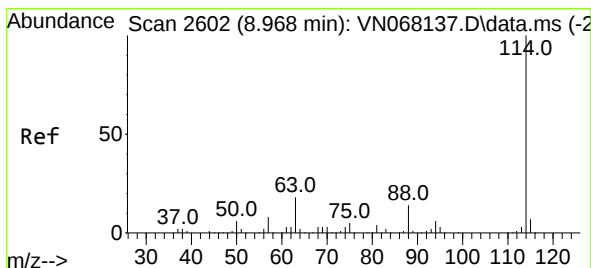
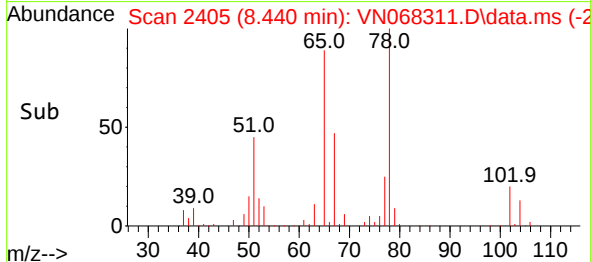
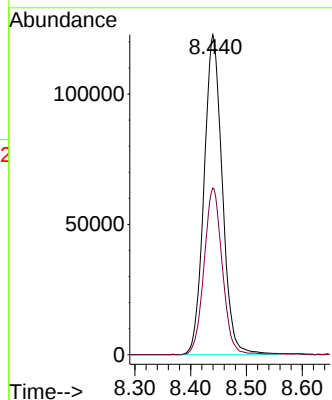
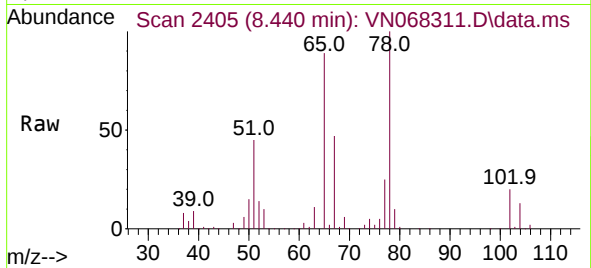




#33
 1,2-Dichloroethane-d4
 Concen: 35.101 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

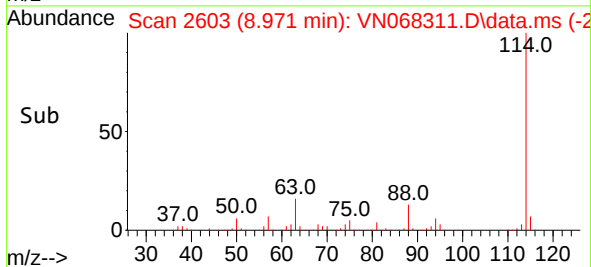
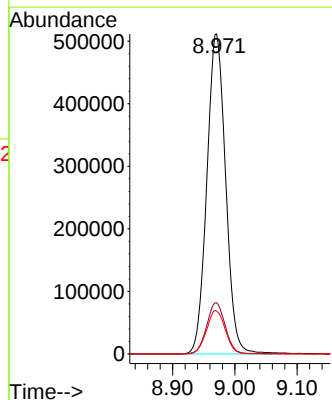
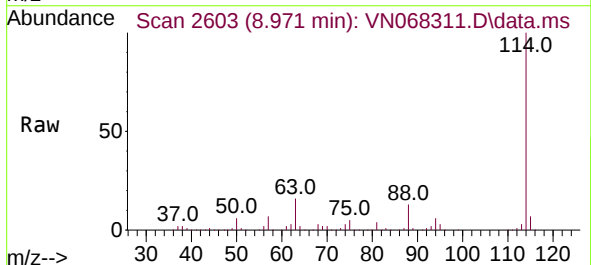
Instrument :
 MSVOA_N
 ClientSampleId :
 31116

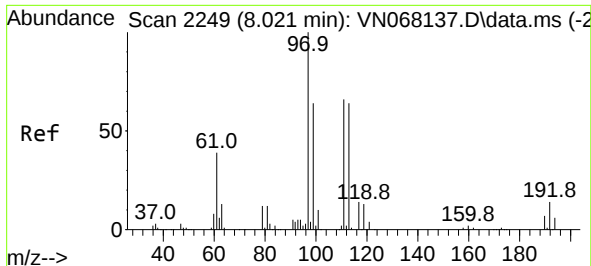
Tgt Ion: 65 Resp: 279506
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

Tgt Ion: 114 Resp: 1074165
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 49.0
 88 13.4 0.0 36.6

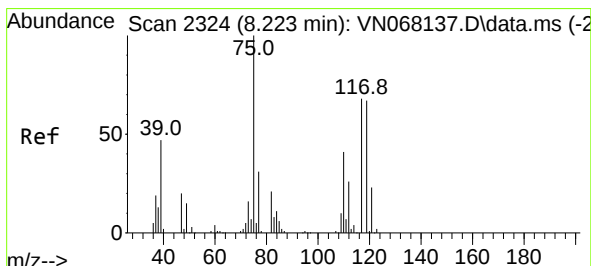
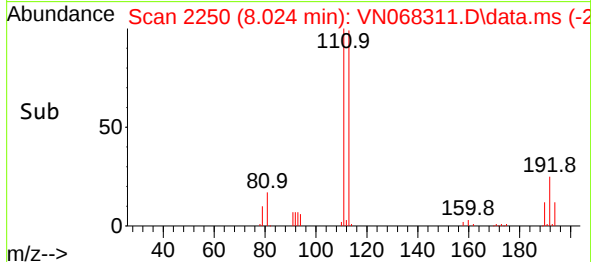
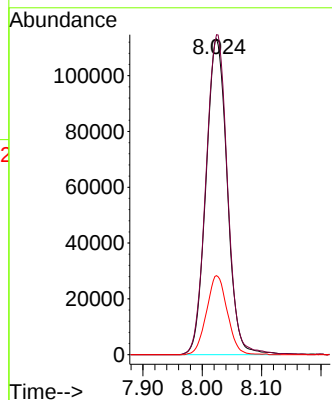
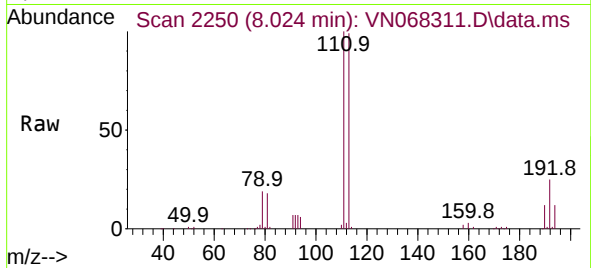




#35
Dibromofluoromethane
Concen: 41.631 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

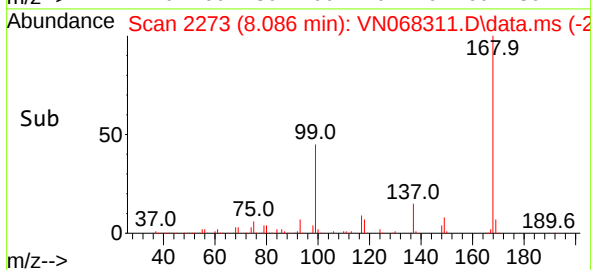
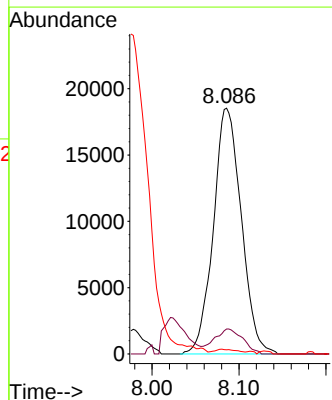
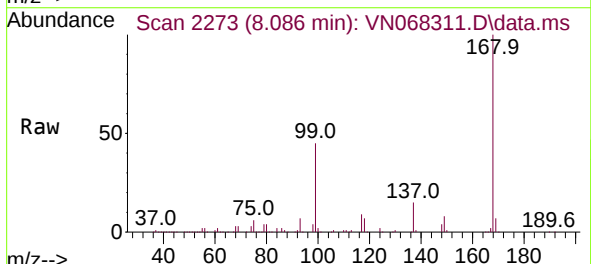
Instrument :
MSVOA_N
ClientSampled :
31116

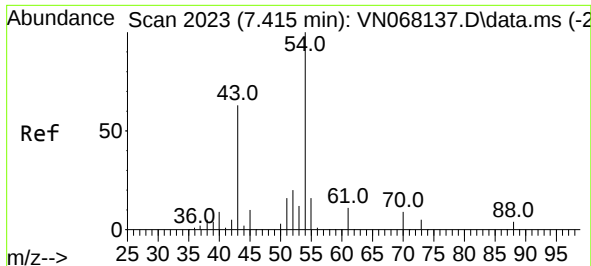
Tgt Ion:113 Resp: 280757
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 24.6 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

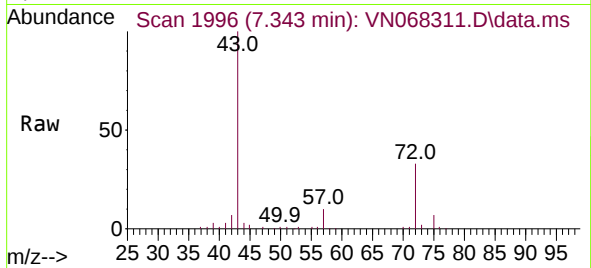
Tgt Ion: 75 Resp: 41374
Ion Ratio Lower Upper
75 100
110 10.4 15.7 47.0#
77 0.0 24.6 37.0#



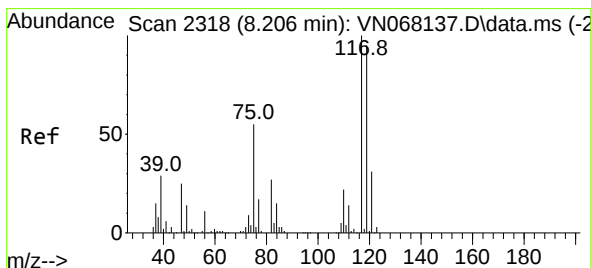
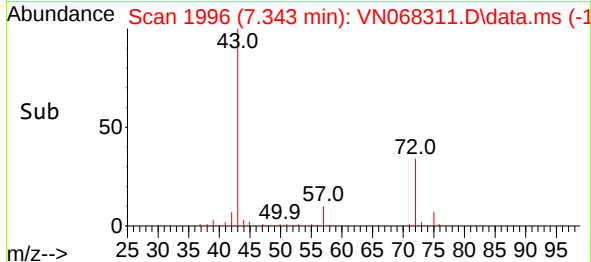
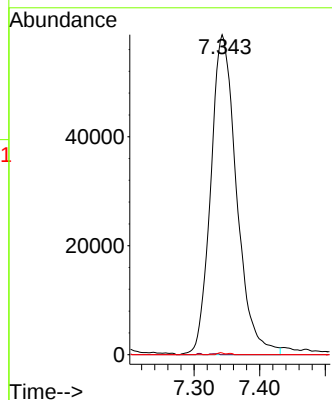


#37
Ethyl Acetate
Concen: 21.505 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.072 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Instrument :
MSVOA_N
ClientSampleId :
31116

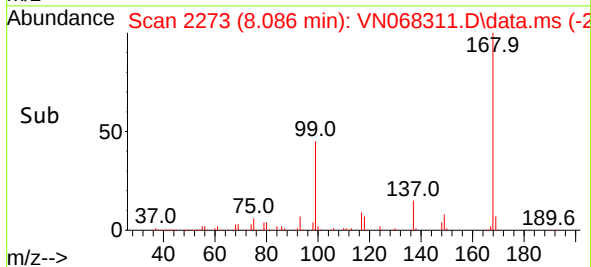
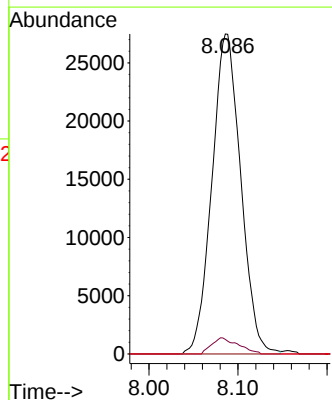
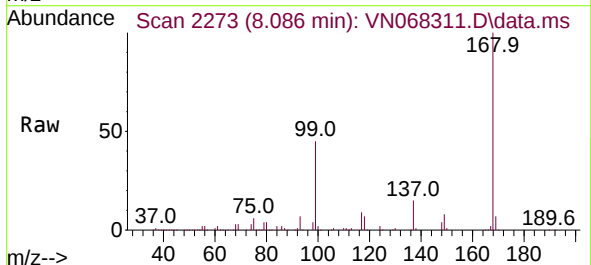


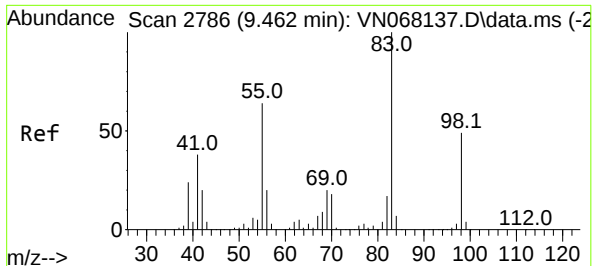
Tgt Ion: 43 Resp: 160867
Ion Ratio Lower Upper
43 100
61 0.1 10.6 16.0#
70 0.2 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 117 Resp: 61781
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.2#
121 0.0 23.5 35.3#

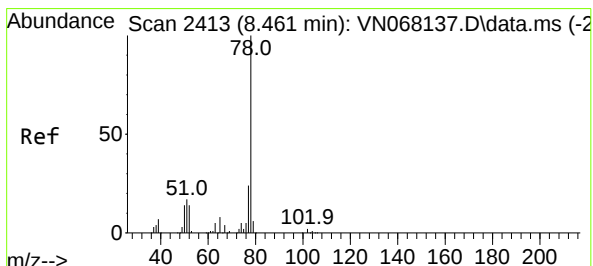
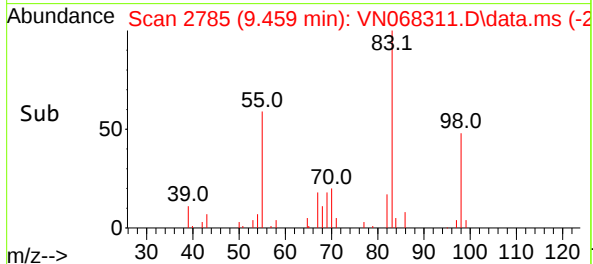
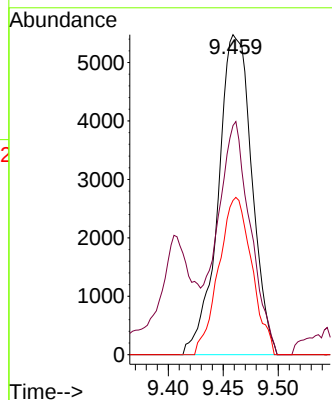
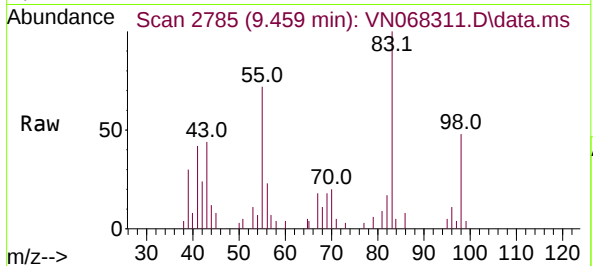




#39
Methylcyclohexane
Concen: 1.180 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

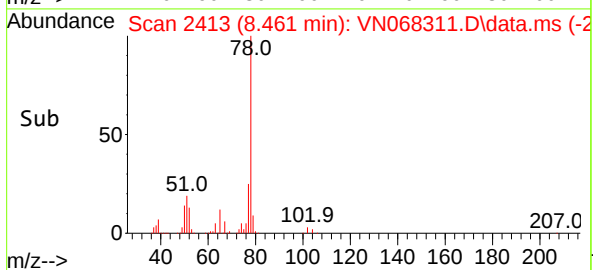
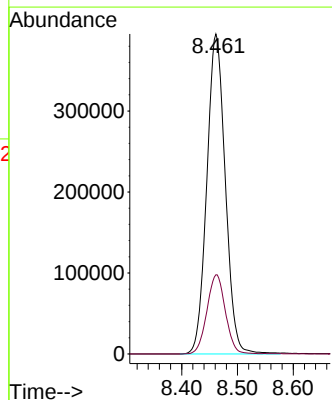
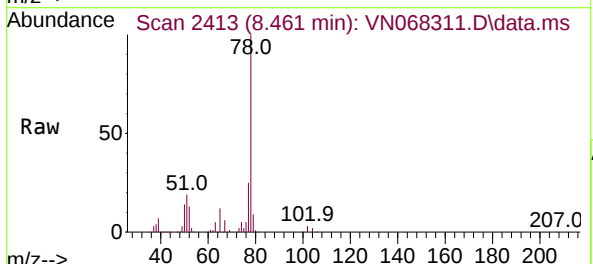
Instrument :
MSVOA_N
ClientSampleId :
31116

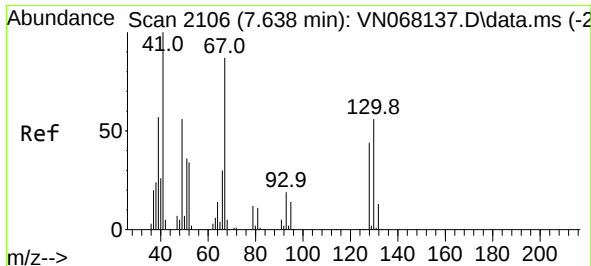
Tgt Ion: 83 Resp: 11704
Ion Ratio Lower Upper
83 100
55 71.6 66.6 99.8
98 48.2 35.3 52.9



#40
Benzene
Concen: 33.927 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 78 Resp: 909276
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3

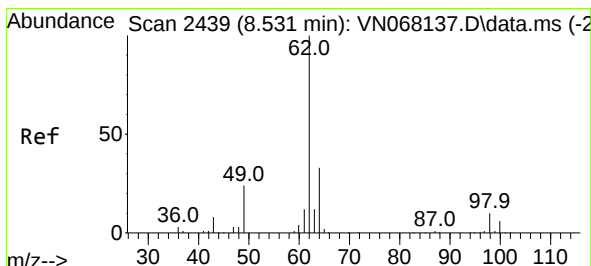
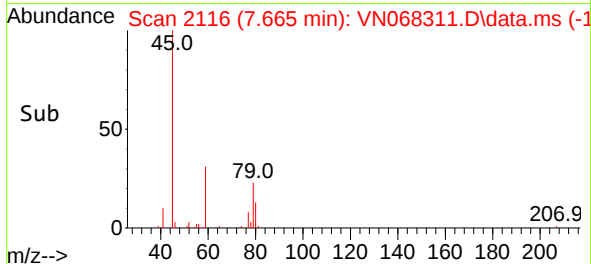
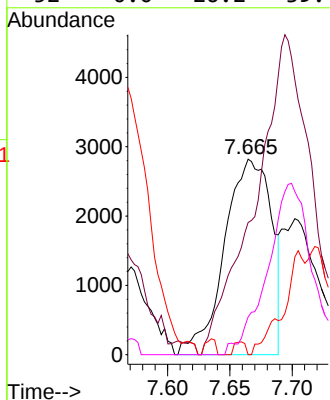
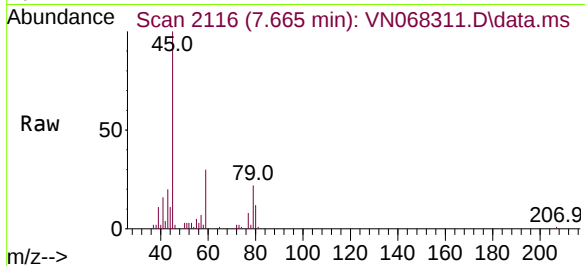




#41
Methacrylonitrile
Concen: 2.161 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.027 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

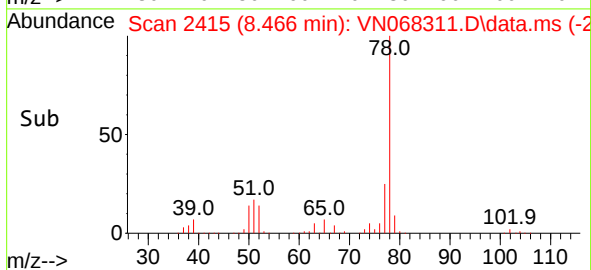
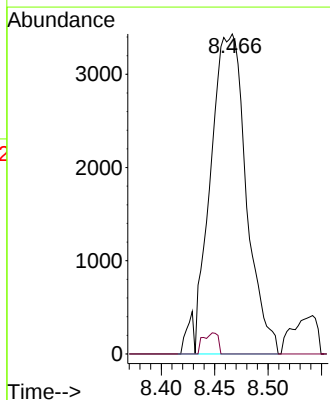
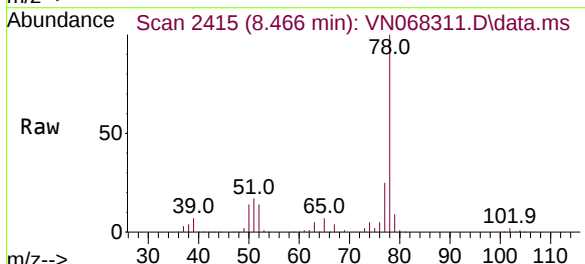
Instrument :
MSVOA_N
ClientSampled :
31116

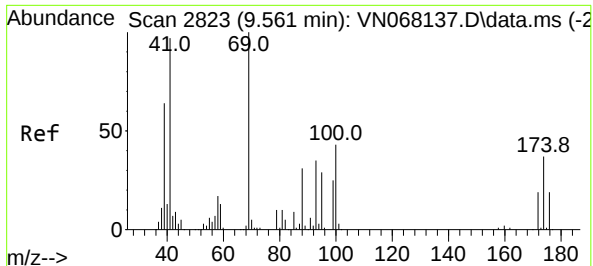
Tgt Ion:	41	Resp:	7380
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#



#42
1,2-Dichloroethane
Concen: 0.891 ug/l
RT: 8.466 min Scan# 2415
Delta R.T. -0.065 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:	62	Resp:	8135
Ion	Ratio	Lower	Upper
62	100		
98	2.7	0.0	14.2

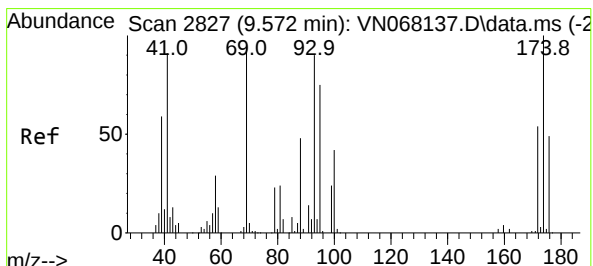
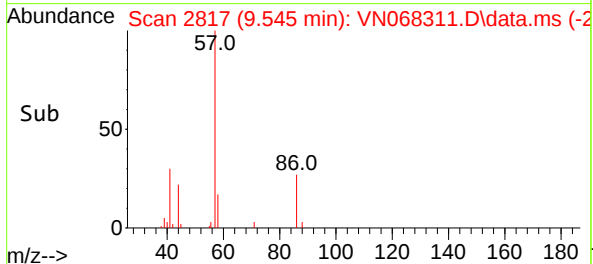
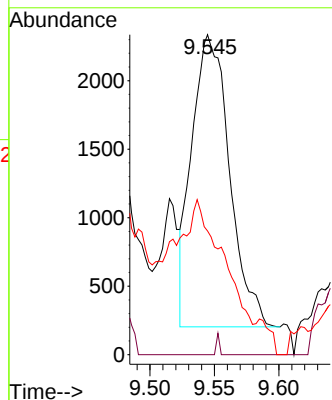
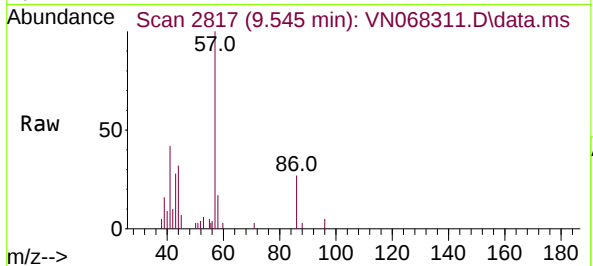




#48
Methyl methacrylate
Concen: 0.871 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

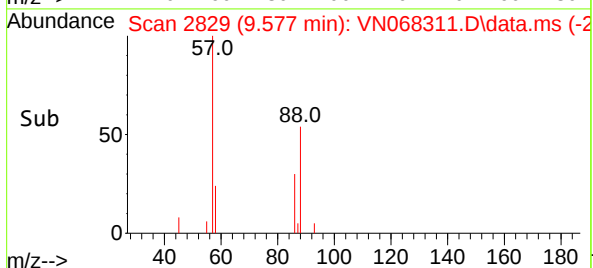
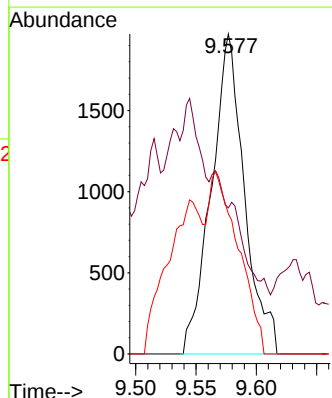
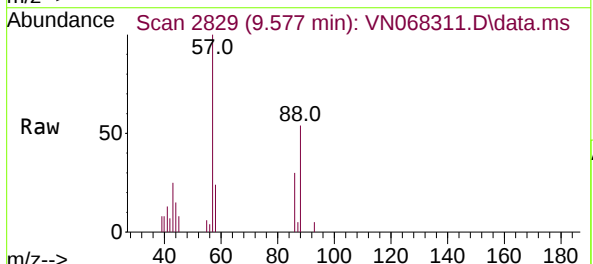
Instrument :
MSVOA_N
ClientSampled :
31116

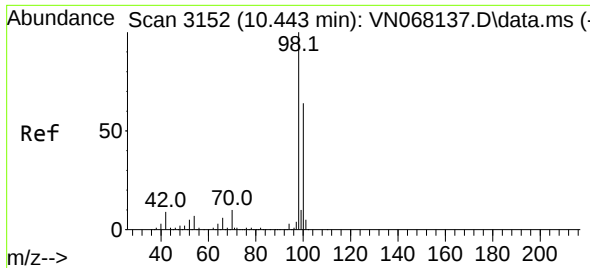
Tgt Ion: 41 Resp: 4347
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 30.5 53.3 79.9#



#49
1,4-Dioxane
Concen: 31.111 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 88 Resp: 3755
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 50.5 60.4 90.6#

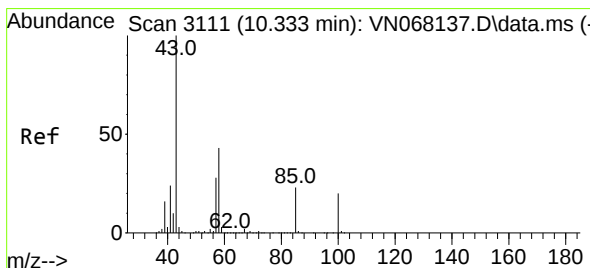
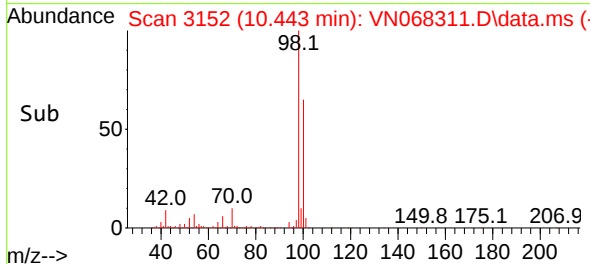
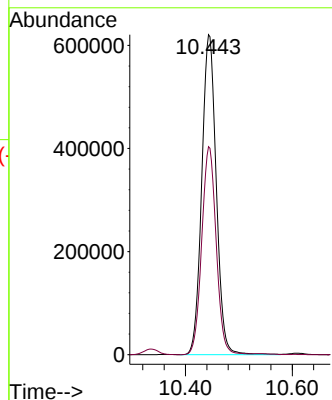
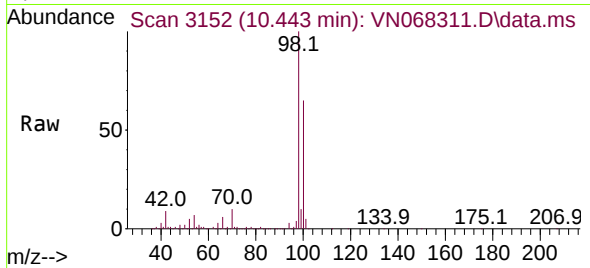




#50
Toluene-d8
Concen: 45.399 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

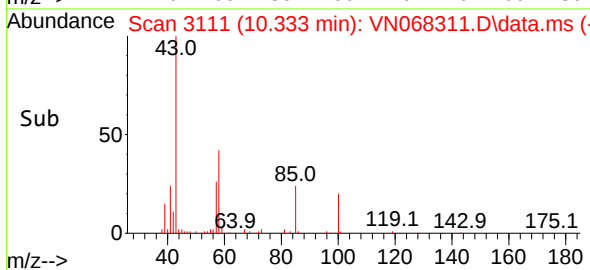
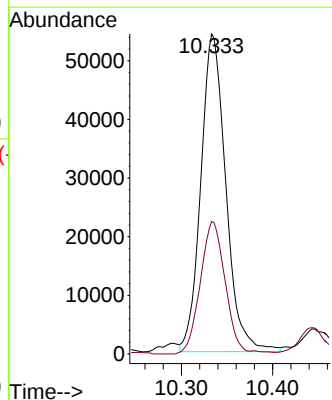
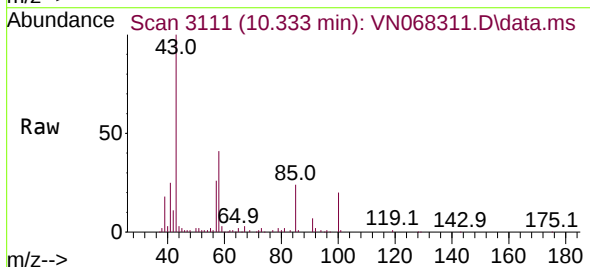
Instrument :
MSVOA_N
ClientSampleId :
31116

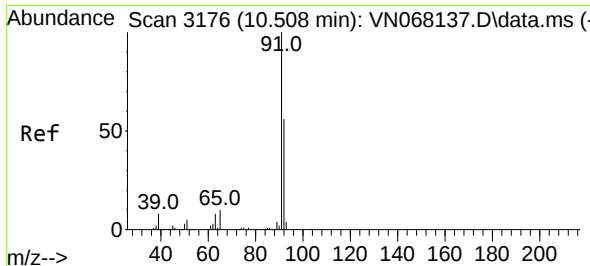
Tgt Ion: 98 Resp: 1166612
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 14.060 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 43 Resp: 103494
Ion Ratio Lower Upper
43 100
58 41.1 28.6 43.0

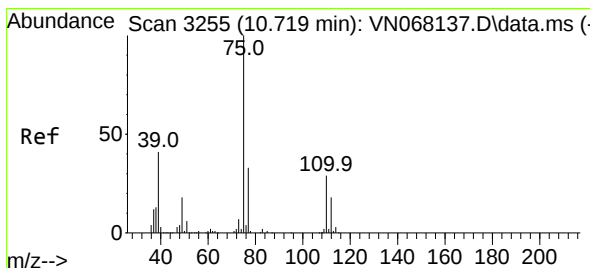
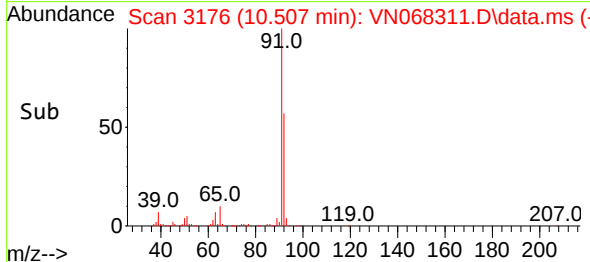
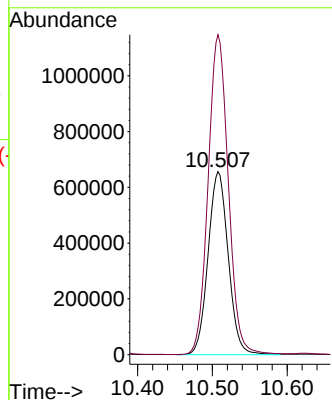
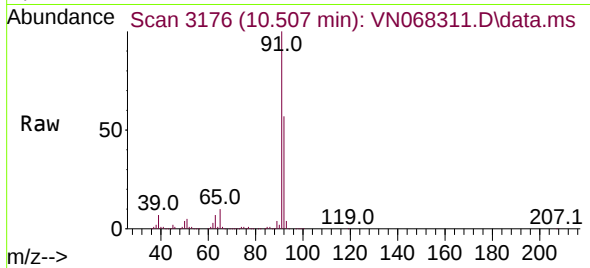




#52
Toluene
Concen: 67.203 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

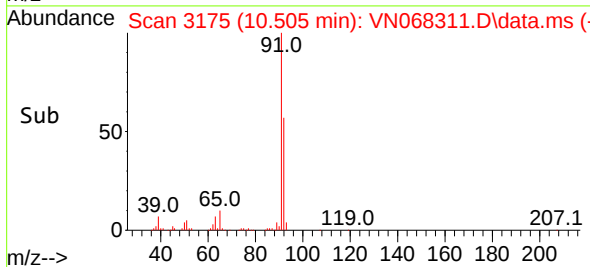
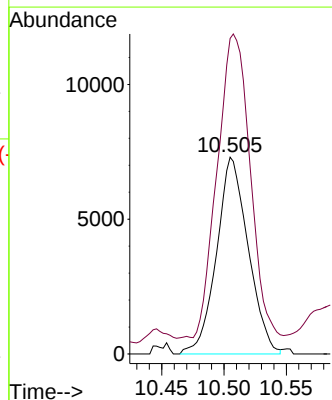
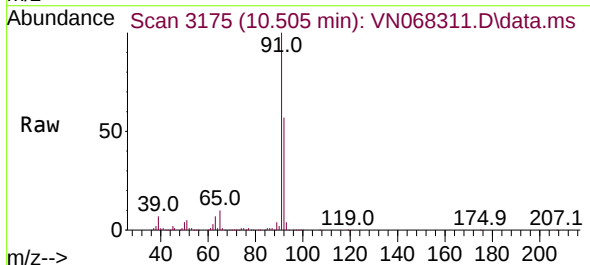
Instrument :
MSVOA_N
ClientSampleId :
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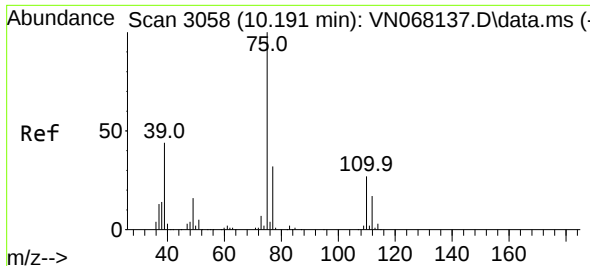
Tgt Ion: 92 Resp: 1227846
Ion Ratio Lower Upper
92 100
91 175.0 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.376 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.214 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 75 Resp: 12912
Ion Ratio Lower Upper
75 100
77 152.1 25.1 37.7#

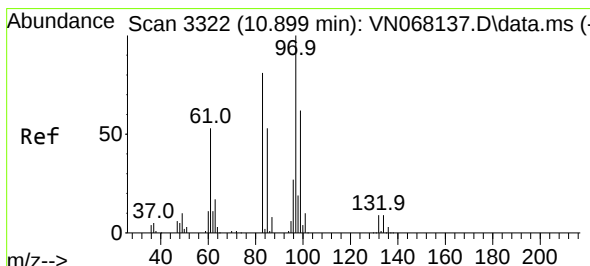
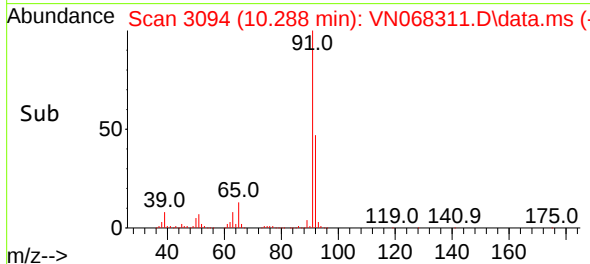
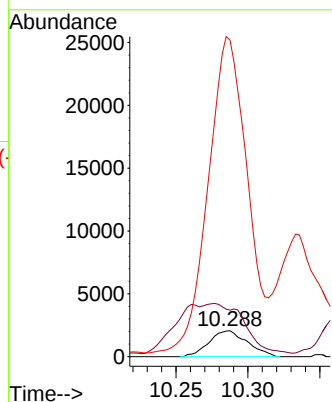
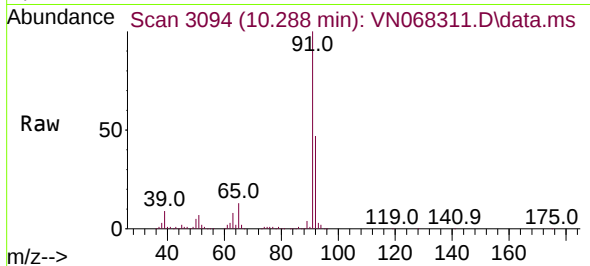




#54
 cis-1,3-Dichloropropene
 Concen: 0.376 ug/l
 RT: 10.288 min Scan# 3094
 Delta R.T. 0.097 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

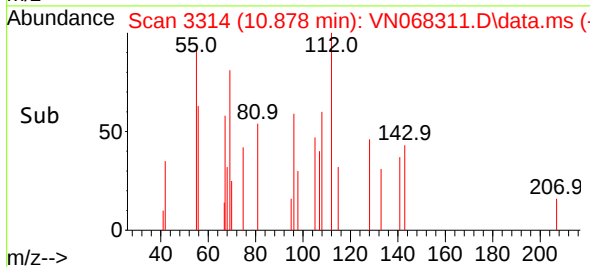
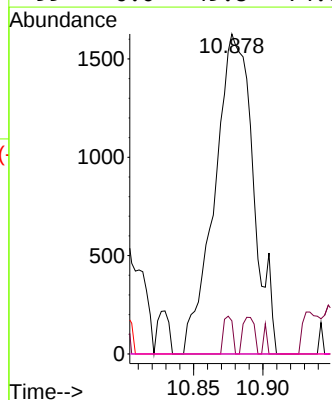
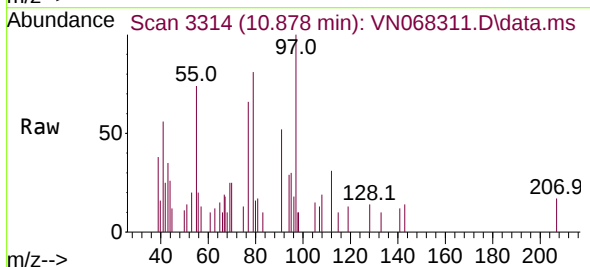
Instrument :
 MSVOA_N
 ClientSampled :
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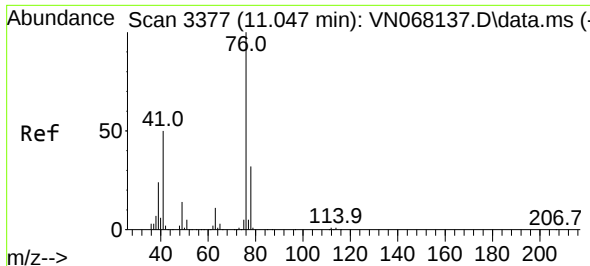
Tgt Ion: 75 Resp: 3828
 Ion Ratio Lower Upper
 75 100
 77 159.1 24.6 37.0#
 39 1157.9 50.7 76.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.431 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

Tgt Ion: 97 Resp: 3150
 Ion Ratio Lower Upper
 97 100
 83 10.3 72.0 108.0#
 85 0.0 46.8 70.2#
 99 0.0 49.8 74.6#

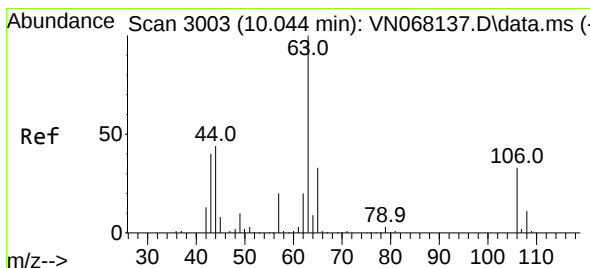
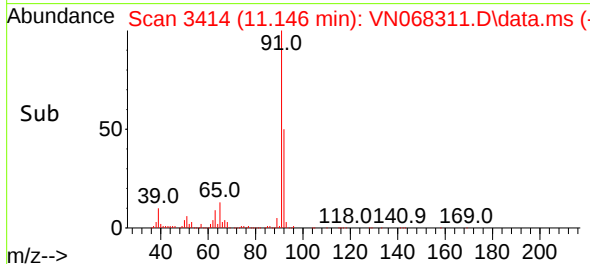
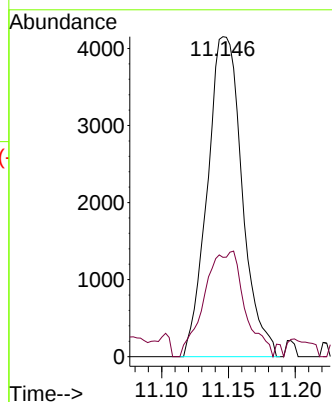
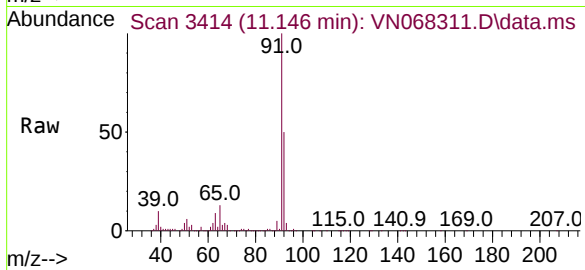




#57
1,3-Dichloropropane
Concen: 0.667 ug/l
RT: 11.146 min Scan# 3414
Delta R.T. 0.099 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

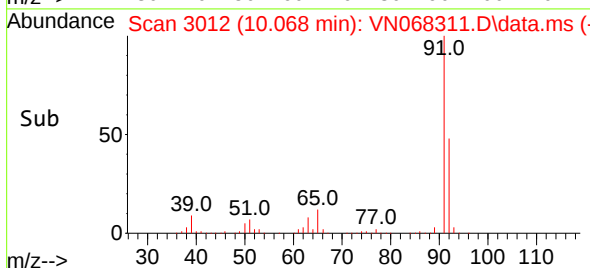
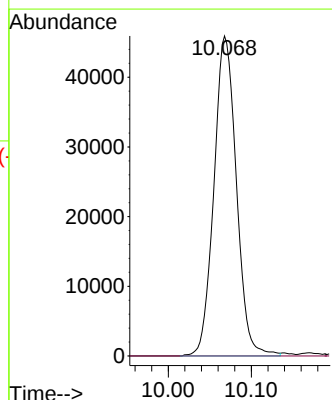
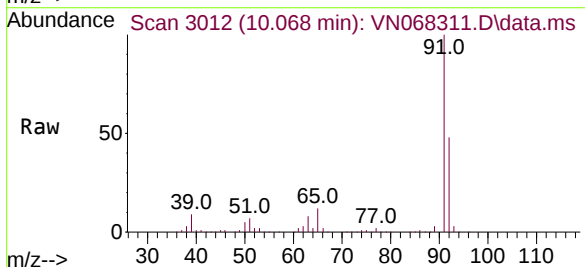
Instrument :
MSVOA_N
ClientSampleId :
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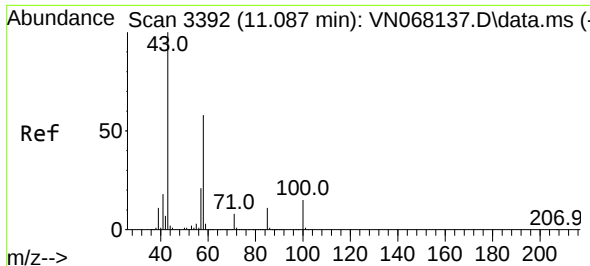
Tgt Ion: 76 Resp: 7503
Ion Ratio Lower Upper
76 100
78 38.1 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 58.426 ug/l
RT: 10.068 min Scan# 3012
Delta R.T. 0.024 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 63 Resp: 86348
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

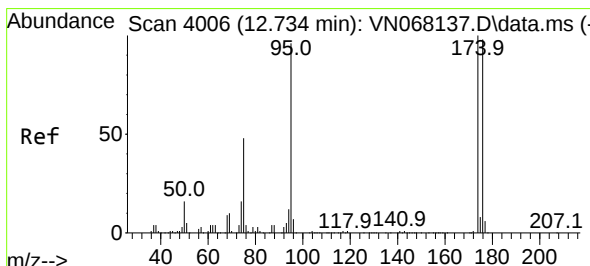
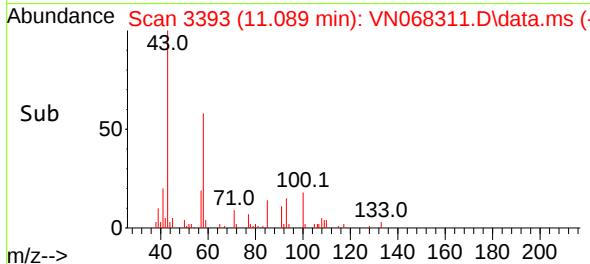
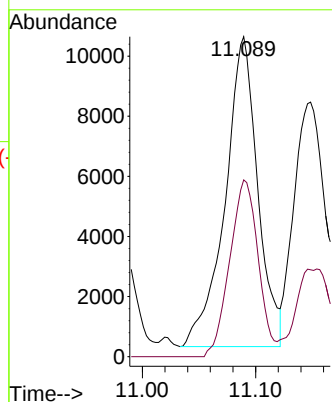
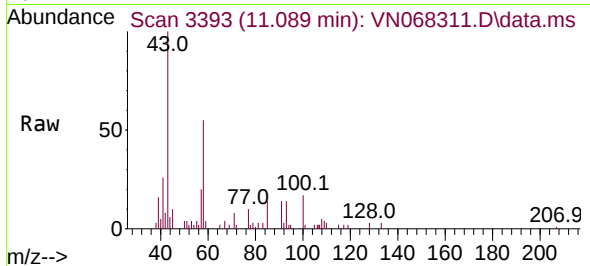




#59
2-Hexanone
Concen: 4.040 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

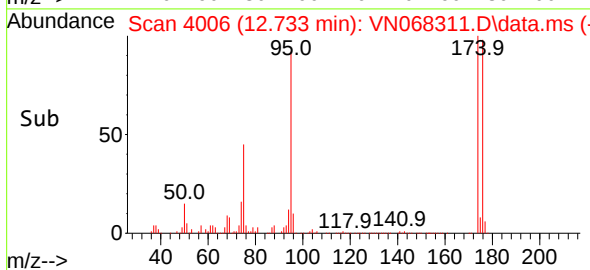
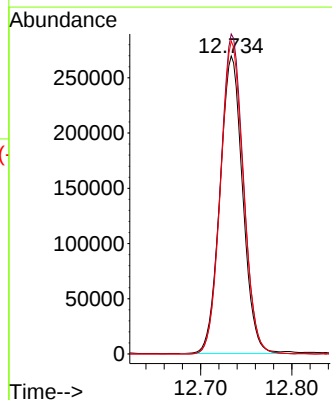
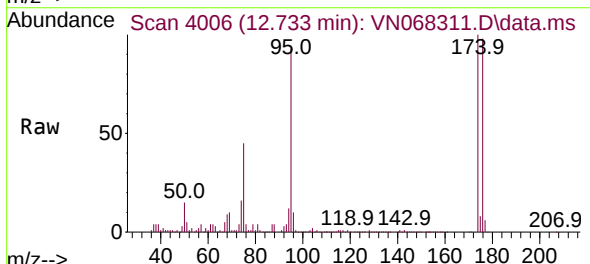
Instrument :
MSVOA_N
ClientSampleId :
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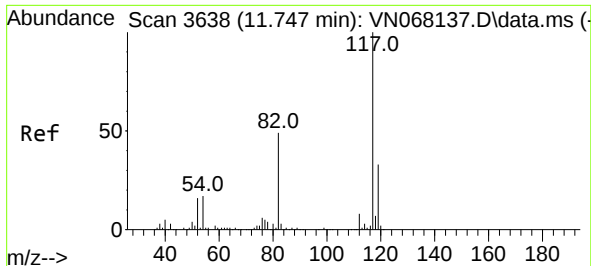
Tgt Ion: 43 Resp: 20647
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 54.537 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 95 Resp: 466527
Ion Ratio Lower Upper
95 100
174 108.1 0.0 122.0
176 105.1 0.0 117.6

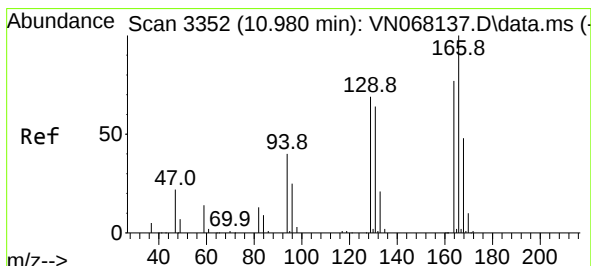
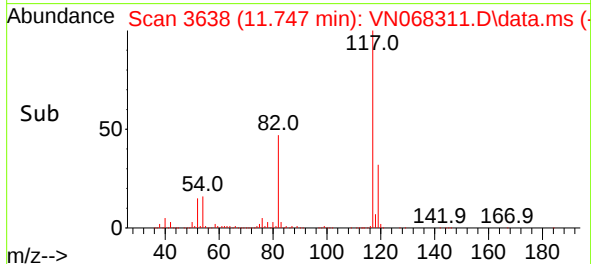
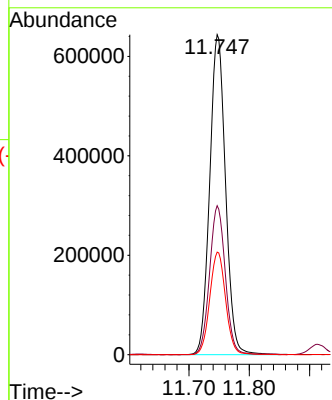
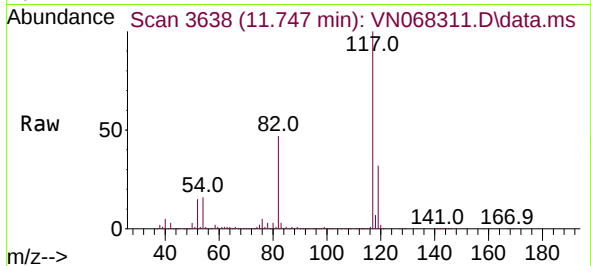




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

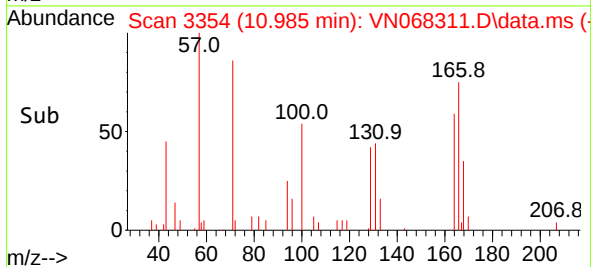
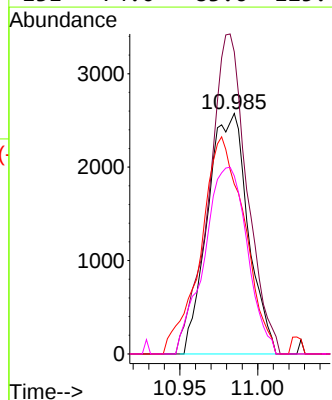
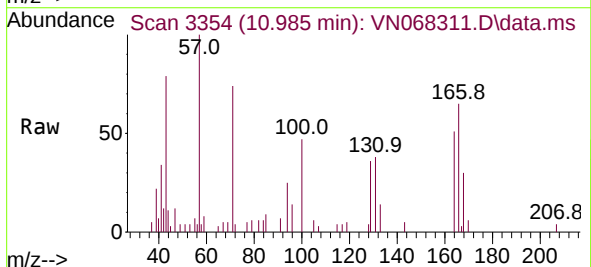
Instrument :
MSVOA_N
ClientSampleId :
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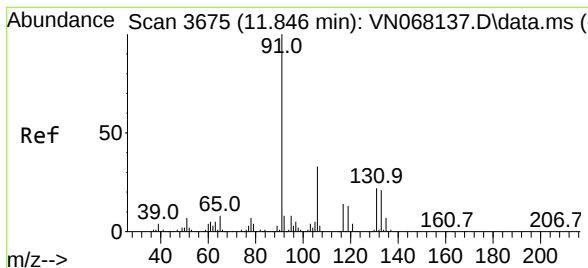
Tgt Ion:117 Resp: 1171510
Ion Ratio Lower Upper
117 100
82 46.5 53.1 79.7#
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.512 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. 0.005 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:164 Resp: 4637
Ion Ratio Lower Upper
164 100
166 125.6 102.1 153.1
129 70.6 86.9 130.3#
131 74.0 83.6 125.4#

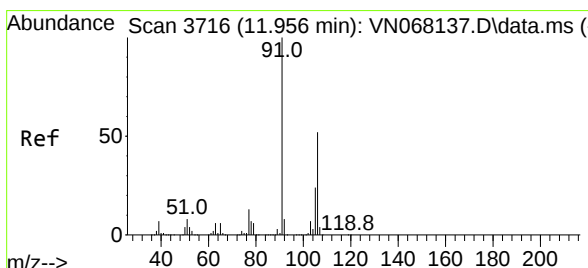
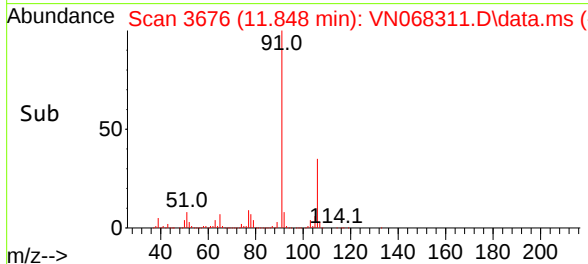
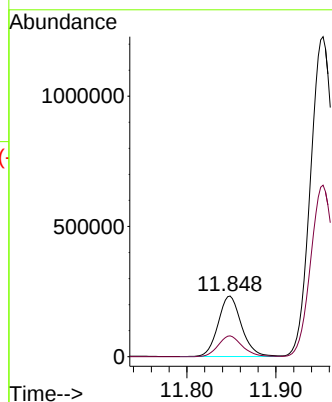
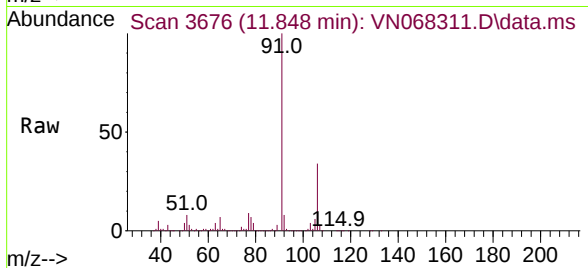




#67
Ethyl Benzene
Concen: 10.733 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

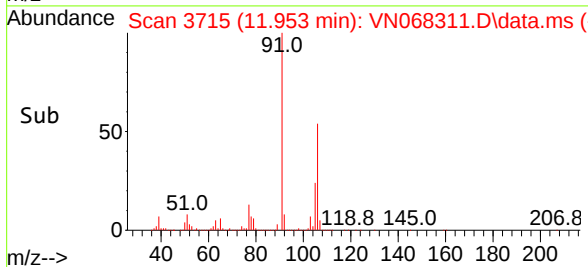
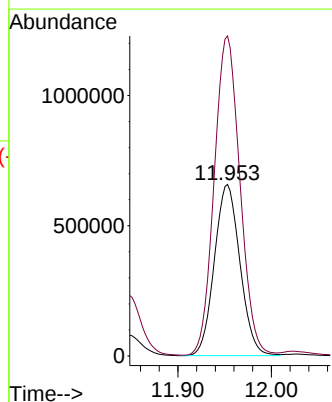
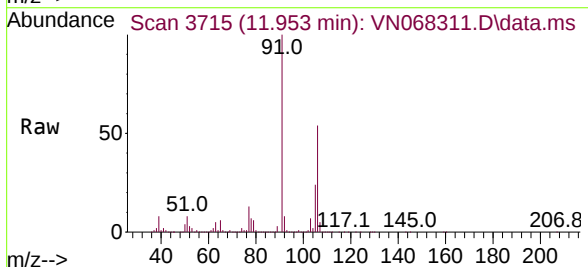
Instrument :
MSVOA_N
ClientSampleId :
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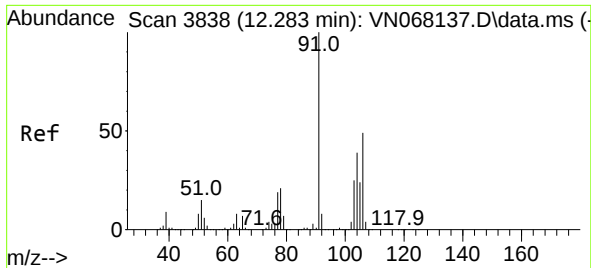
Tgt Ion: 91 Resp: 424664
Ion Ratio Lower Upper
91 100
106 34.5 23.4 35.0



#68
m/p-Xylenes
Concen: 79.022 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:106 Resp: 1250723
Ion Ratio Lower Upper
106 100
91 187.5 180.6 270.8

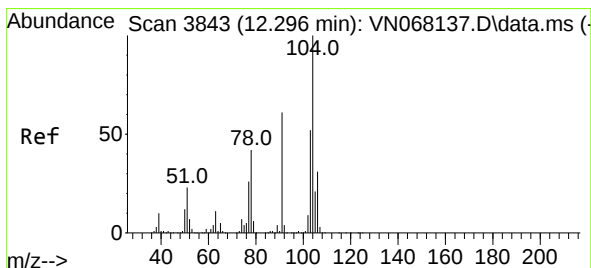
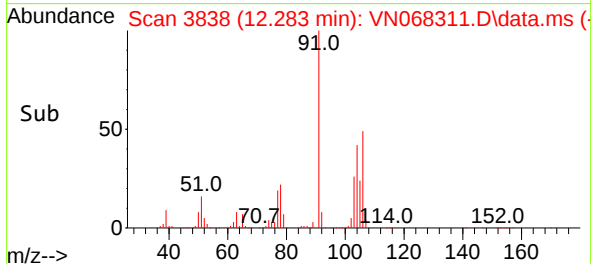
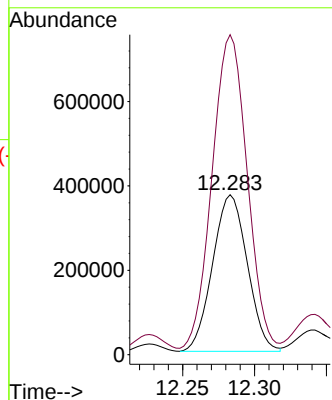
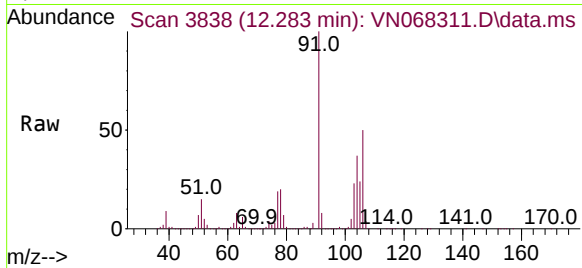




#69
o-Xylene
Concen: 40.723 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

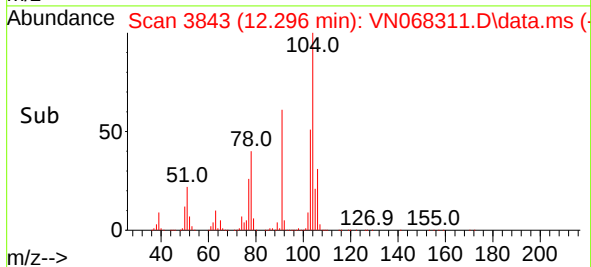
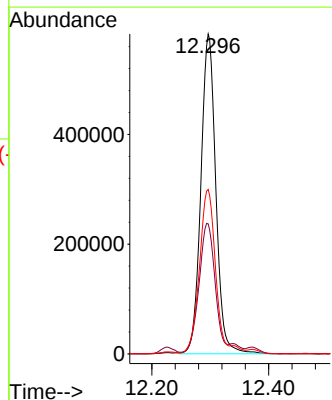
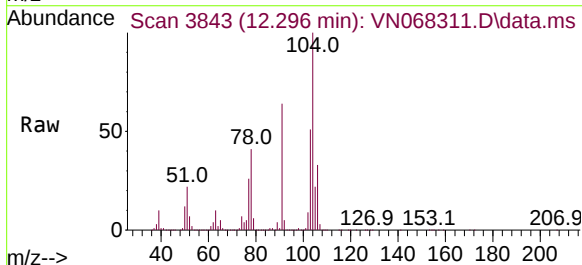
Instrument :
MSVOA_N
ClientSampled :
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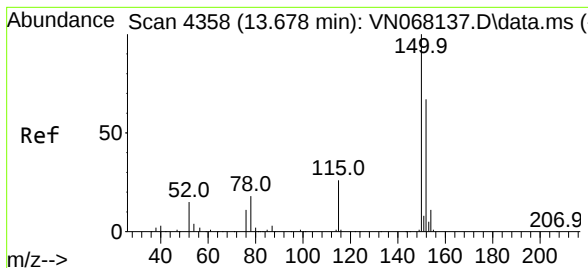
Tgt Ion:106 Resp: 622773
Ion Ratio Lower Upper
106 100
91 201.0 118.3 354.9



#70
Styrene
Concen: 42.360 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:104 Resp: 1036891
Ion Ratio Lower Upper
104 100
78 42.9 48.2 72.2#
103 53.8 44.5 66.7

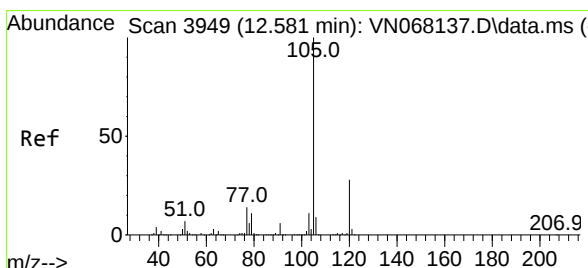
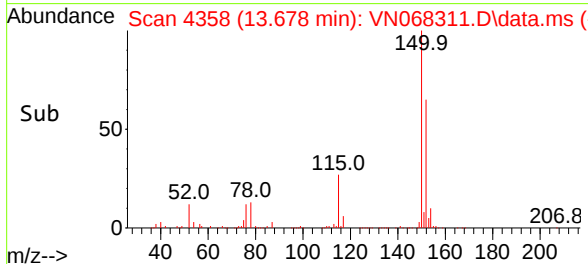
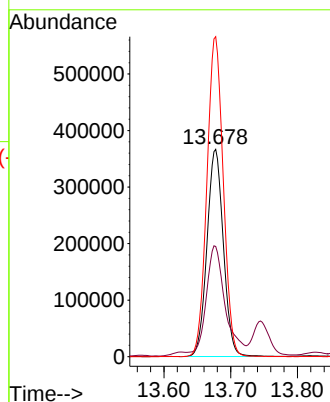
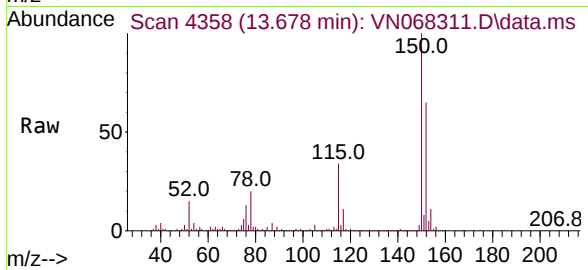




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

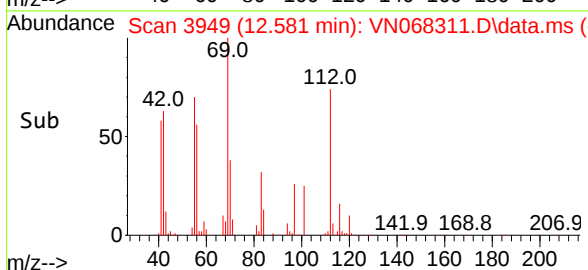
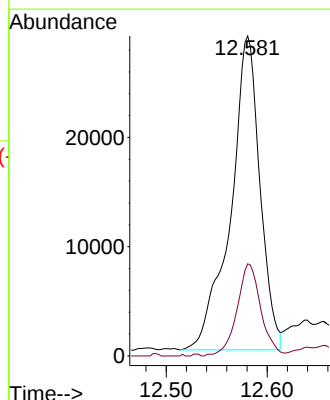
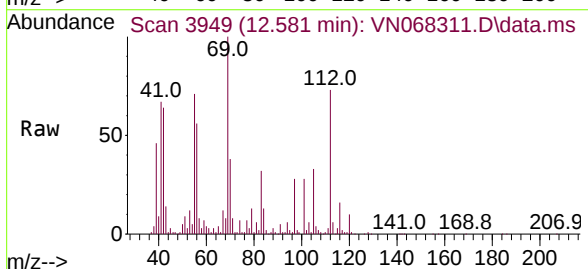
Instrument :
MSVOA_N
ClientSampled :
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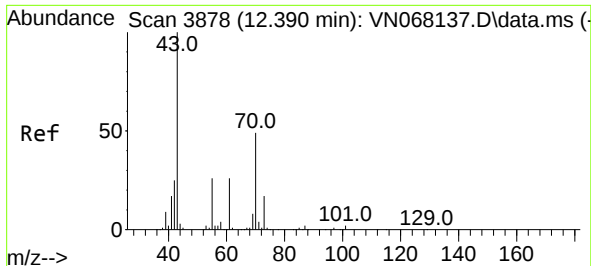
Tgt Ion:152 Resp: 625378
Ion Ratio Lower Upper
152 100
115 61.4 36.1 108.5
150 154.1 0.0 351.8



#73
Isopropylbenzene
Concen: 1.306 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:105 Resp: 58086
Ion Ratio Lower Upper
105 100
120 23.9 12.5 37.5

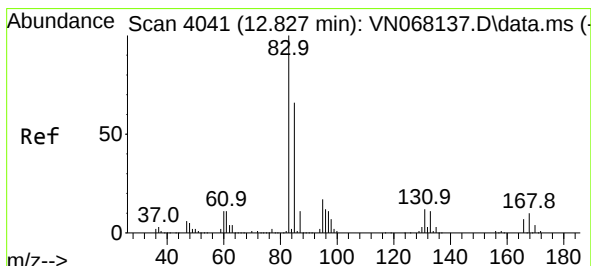
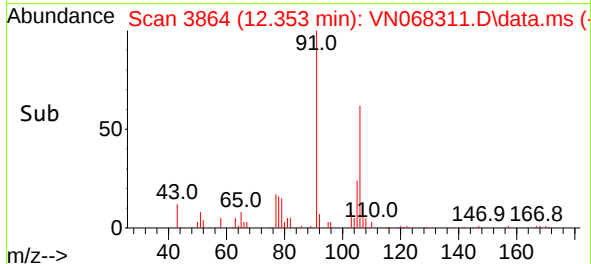
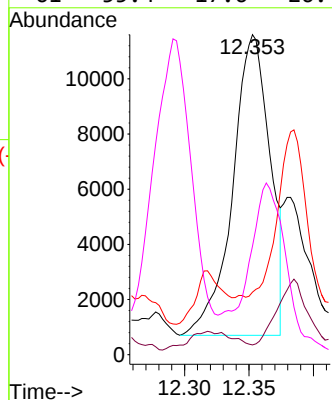
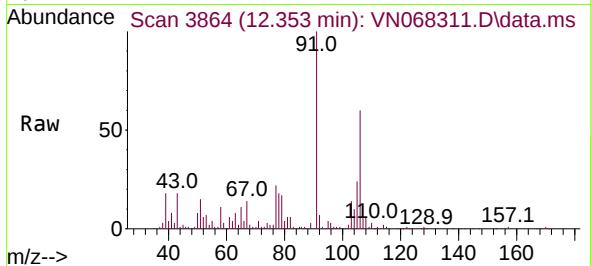




#74
N-amy1 acetate
Concen: 1.895 ug/l
RT: 12.353 min Scan# 3864
Delta R.T. -0.037 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

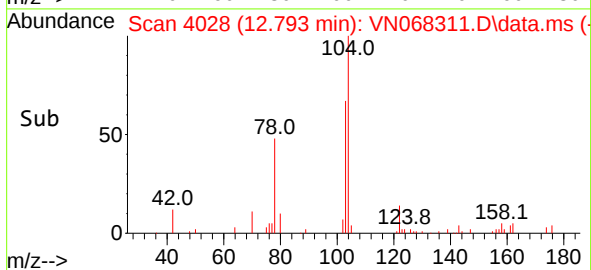
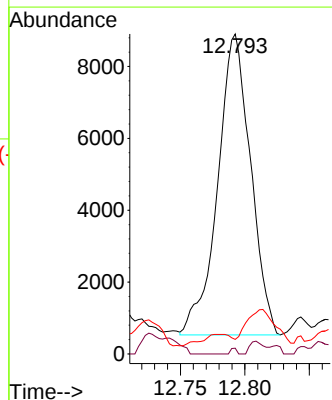
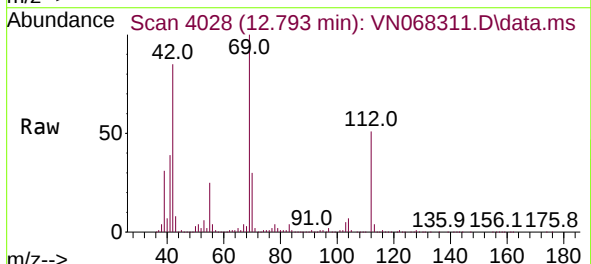
Instrument :
MSVOA_N
ClientSampled :
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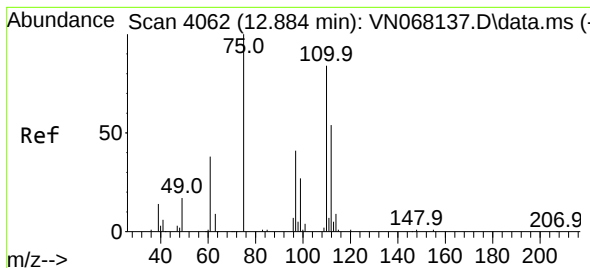
Tgt Ion: 43 Resp: 21949
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.2#
55 0.0 17.0 25.4#
61 55.4 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.118 ug/l
RT: 12.793 min Scan# 4028
Delta R.T. -0.034 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 83 Resp: 14917
Ion Ratio Lower Upper
83 100
131 0.3 4.8 14.4#
85 4.0 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 21.673 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. -0.151 min

Lab File: VN068311.D

Acq: 25 Aug 2021 20:10

Tgt Ion: 75 Resp: 225278

Ion Ratio Lower Upper

75 100

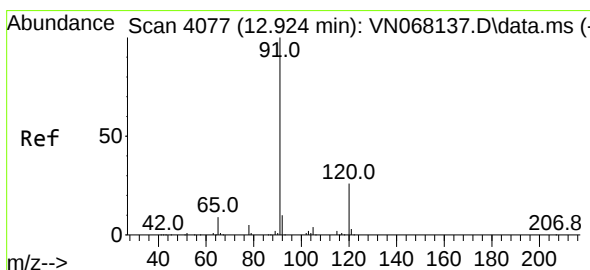
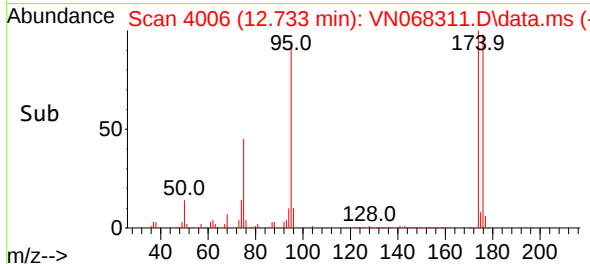
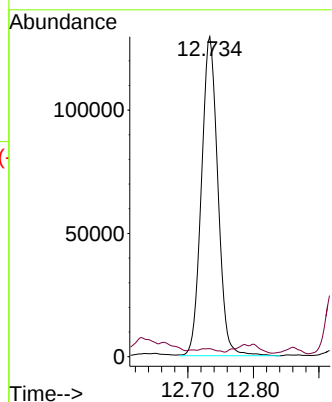
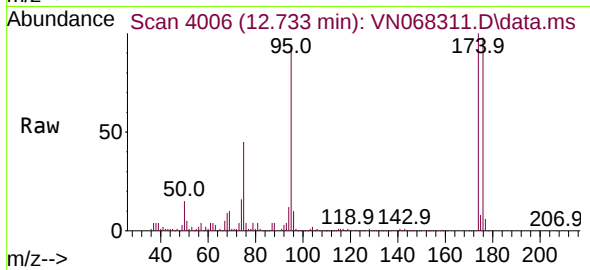
77 0.0 0.0 0.0

Instrument :

MSVOA_N

ClientSampled :

31116



#78

n-propylbenzene

Concen: 8.823 ug/l

RT: 12.924 min Scan# 4077

Delta R.T. -0.000 min

Lab File: VN068311.D

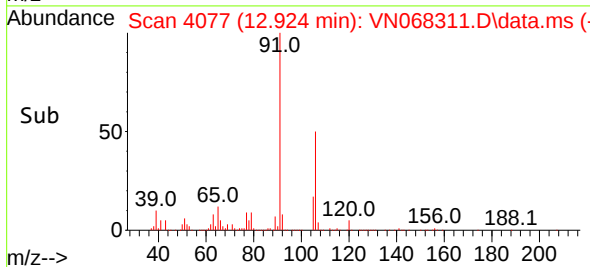
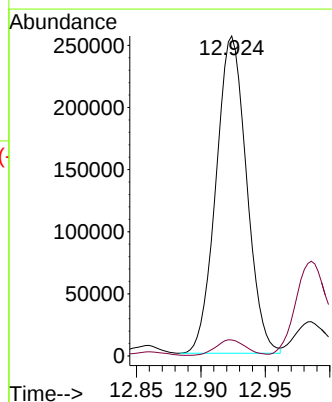
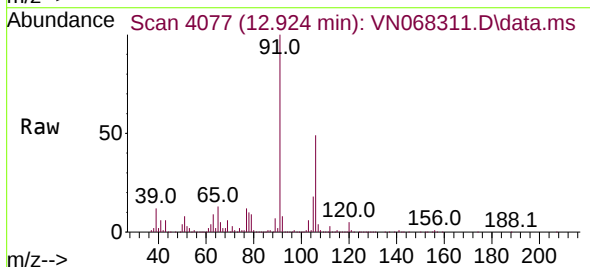
Acq: 25 Aug 2021 20:10

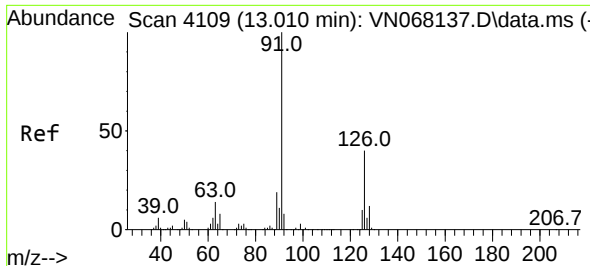
Tgt Ion: 91 Resp: 420941

Ion Ratio Lower Upper

91 100

120 4.7 10.4 31.4#

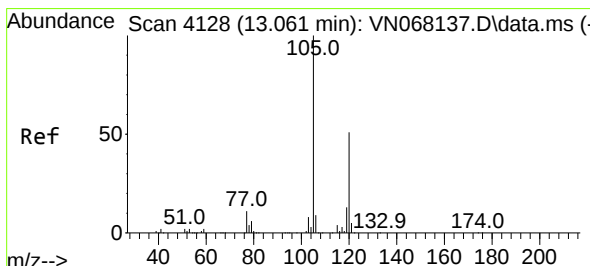
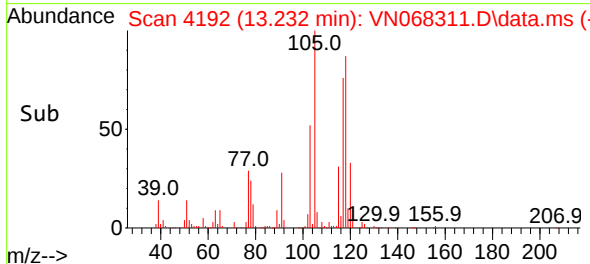
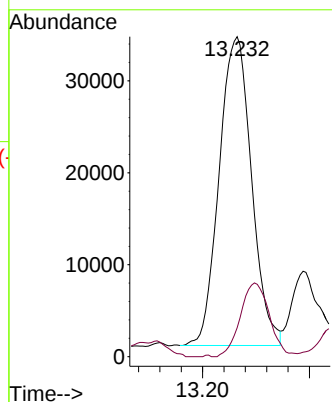
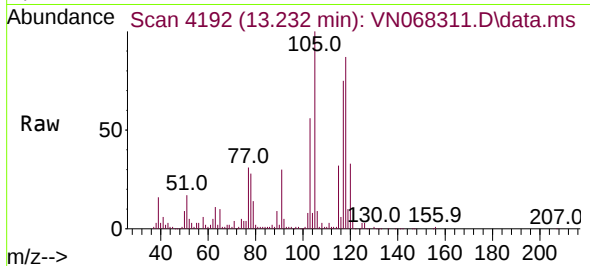




#79
2-Chlorotoluene
Concen: 2.396 ug/l
RT: 13.232 min Scan# 4192
Delta R.T. 0.222 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

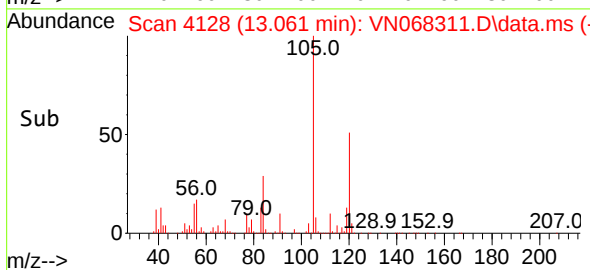
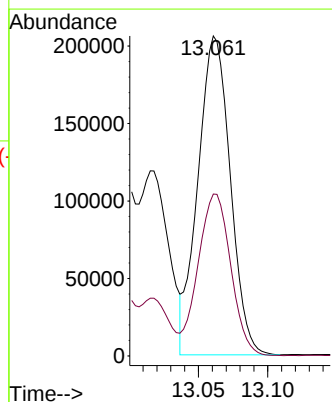
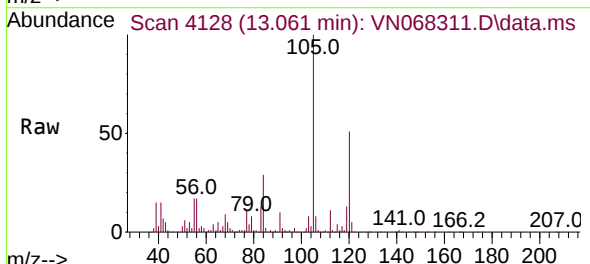
Instrument :
MSVOA_N
ClientSampled :
31116

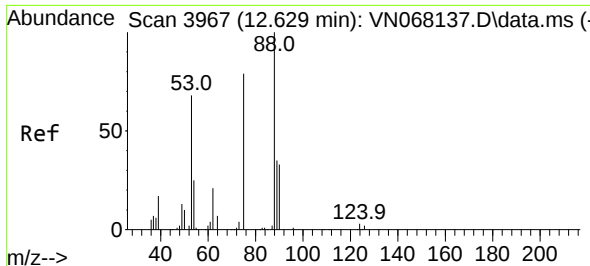
Tgt Ion: 91 Resp: 70705
Ion Ratio Lower Upper
91 100
126 21.5 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 9.286 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 105 Resp: 334133
Ion Ratio Lower Upper
105 100
120 51.2 22.2 66.6

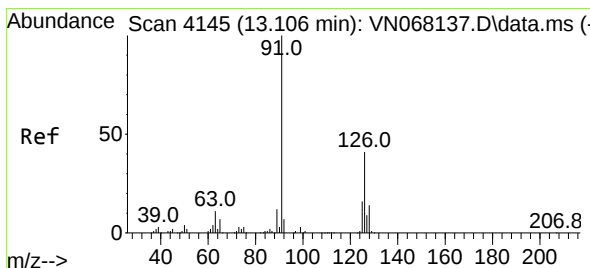
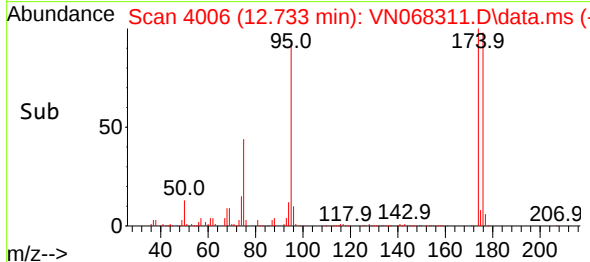
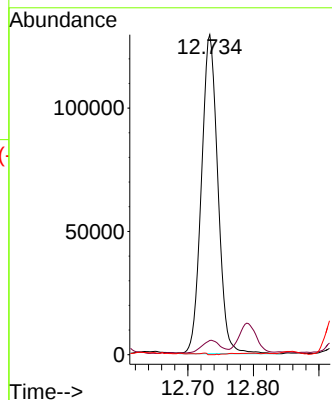
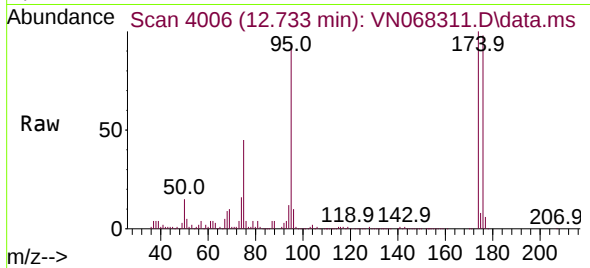




#81
trans-1,4-Dichloro-2-butene
Concen: 71.004 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

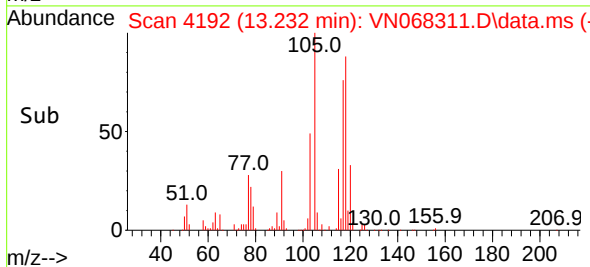
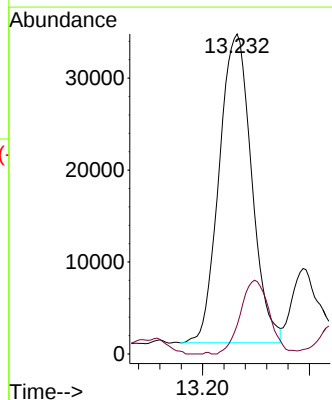
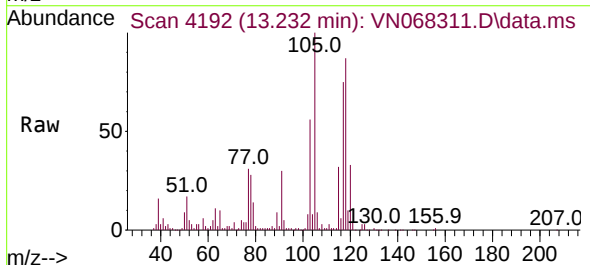
Instrument :
MSVOA_N
ClientSampleId :
31116

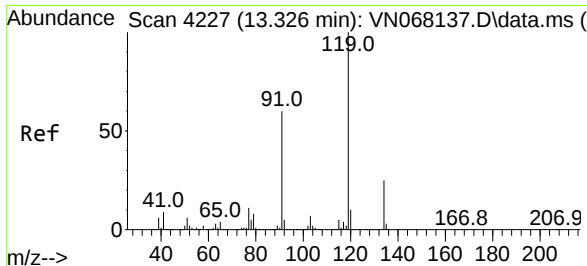
Tgt Ion: 75 Resp: 225278
Ion Ratio Lower Upper
75 100
53 4.5 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 2.469 ug/l
RT: 13.232 min Scan# 4192
Delta R.T. 0.126 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 91 Resp: 70705
Ion Ratio Lower Upper
91 100
126 21.5 14.8 44.4

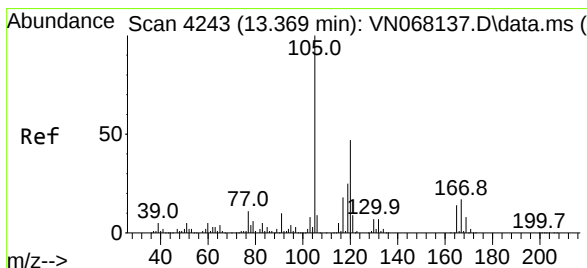
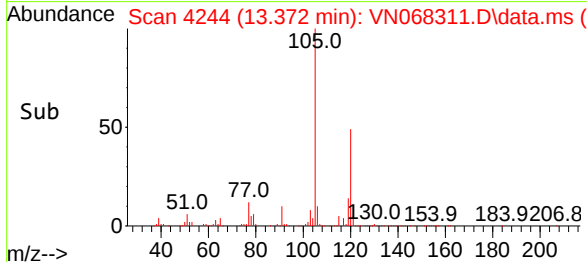
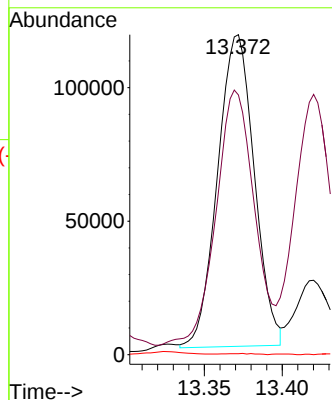
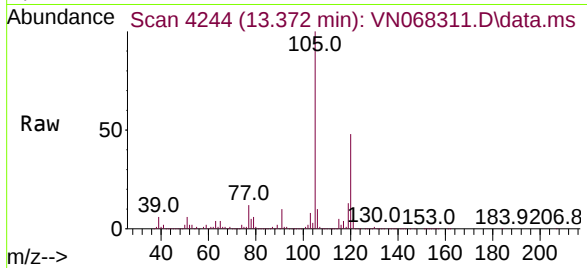




#83
tert-Butylbenzene
Concen: 5.988 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.046 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

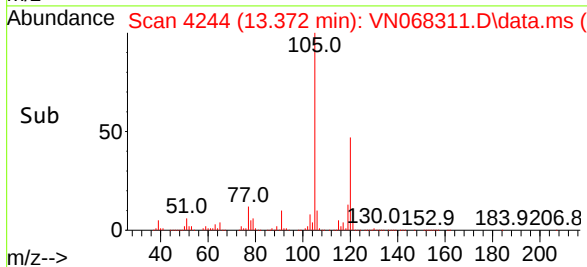
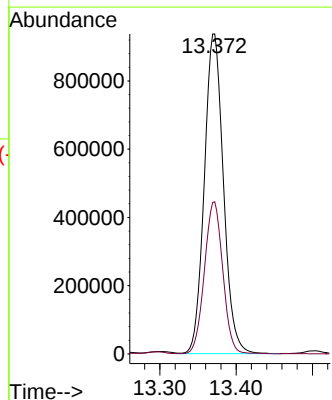
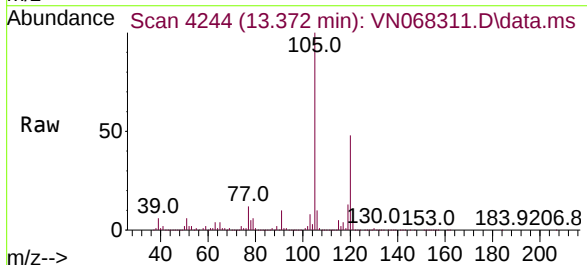
Instrument :
MSVOA_N
ClientSampleId :
31116

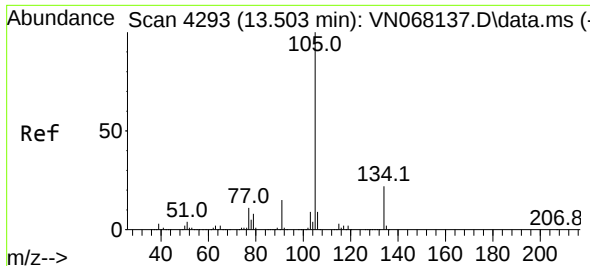
Tgt Ion:119 Resp: 191326
Ion Ratio Lower Upper
119 100
91 87.5 39.5 118.5
134 0.3 12.0 36.0#



#84
1,2,4-Trimethylbenzene
Concen: 46.336 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:105 Resp: 1627571
Ion Ratio Lower Upper
105 100
120 45.7 20.6 61.8

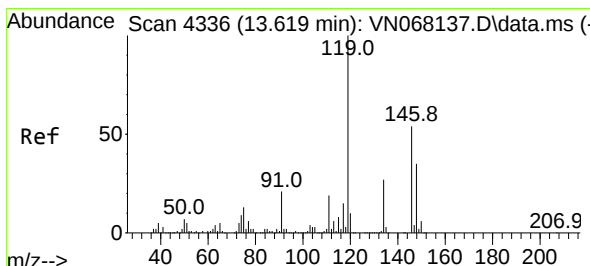
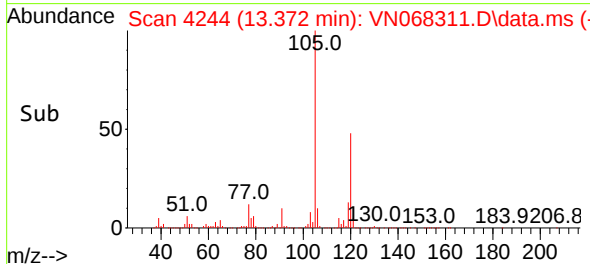
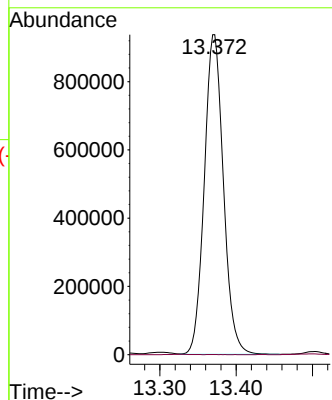
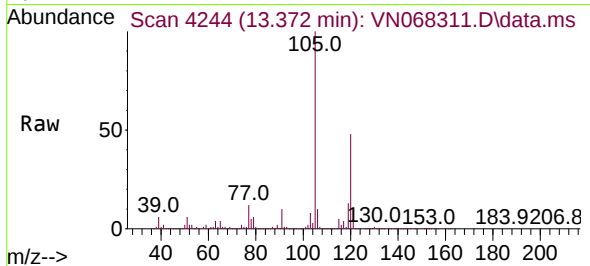




#85
 sec-Butylbenzene
 Concen: 38.687 ug/l
 RT: 13.372 min Scan# 4244
 Delta R.T. -0.131 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

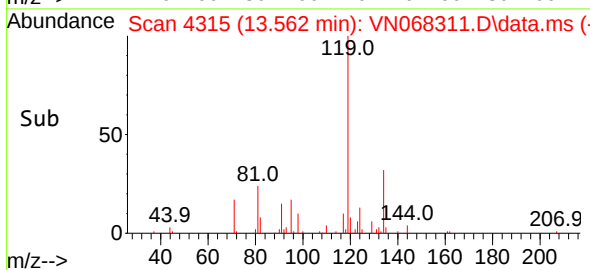
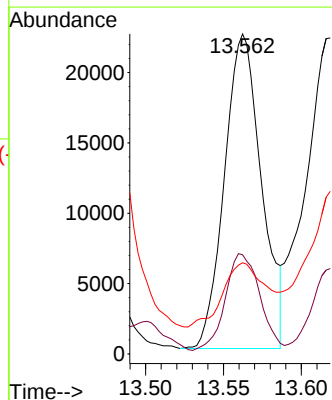
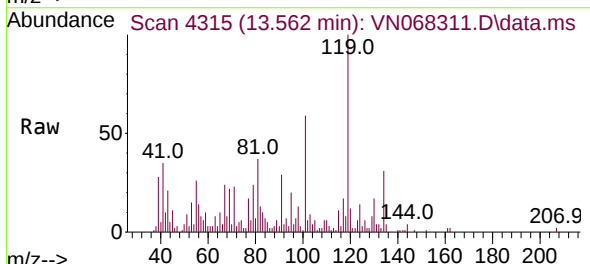
Instrument :
 MSVOA_N
 ClientSampled :
 31116

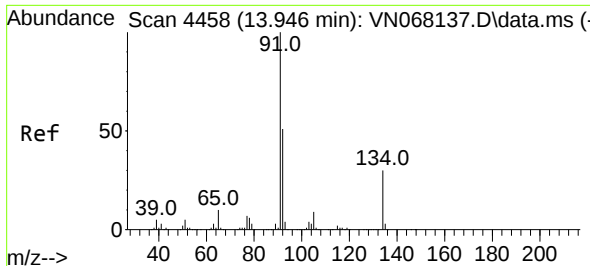
Tgt Ion:105 Resp: 1627571
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.0 27.1#



#86
 p-Isopropyltoluene
 Concen: 1.065 ug/l
 RT: 13.562 min Scan# 4315
 Delta R.T. -0.057 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

Tgt Ion:119 Resp: 36999
 Ion Ratio Lower Upper
 119 100
 134 29.2 12.4 37.4
 91 24.2 14.8 44.3

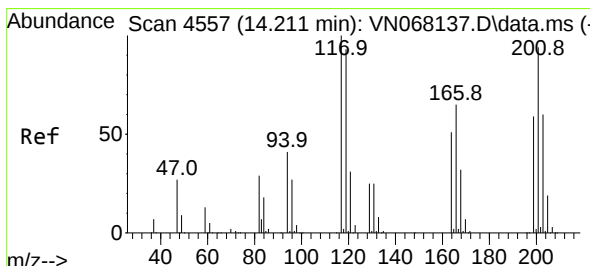
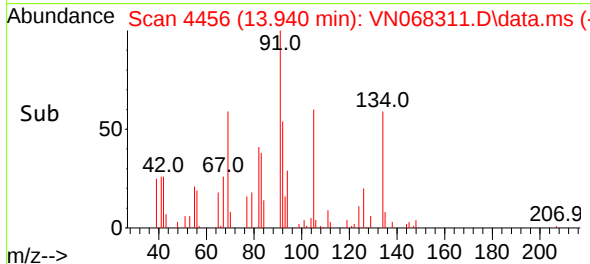
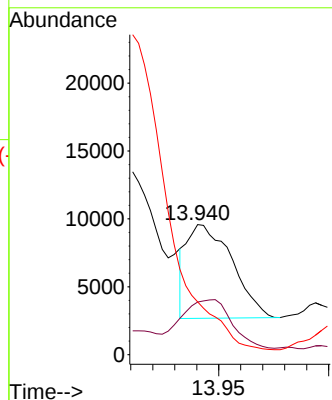
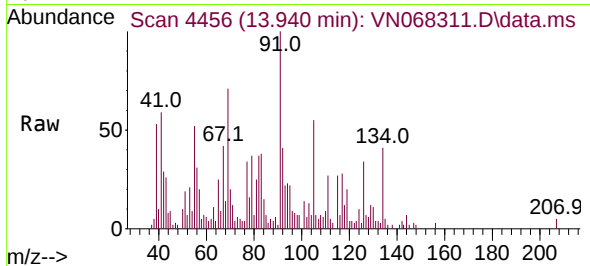




#89
n-Butylbenzene
Concen: 0.380 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.006 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

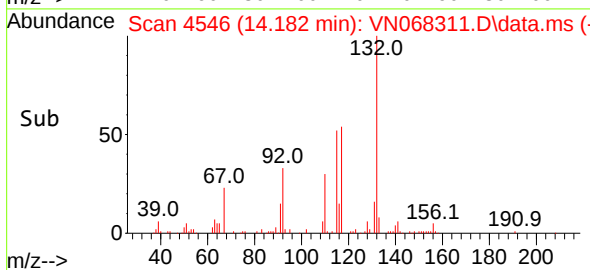
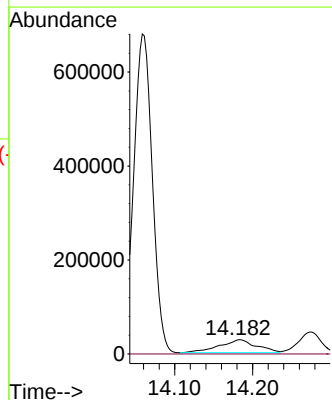
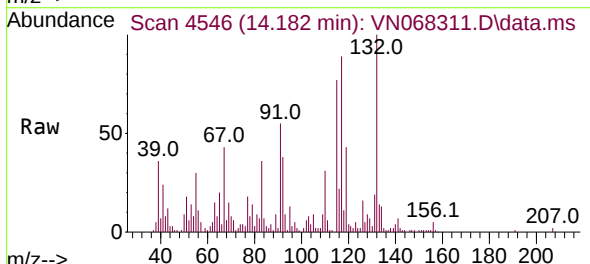
Instrument :
MSVOA_N
ClientSampled :
31116

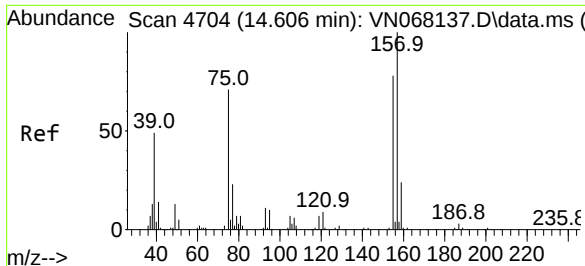
Tgt Ion: 91 Resp: 9837
Ion Ratio Lower Upper
91 100
92 58.0 25.7 77.1
134 0.0 11.2 33.6#



#90
Hexachloroethane
Concen: 14.185 ug/l
RT: 14.182 min Scan# 4546
Delta R.T. -0.029 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion: 117 Resp: 91395
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#

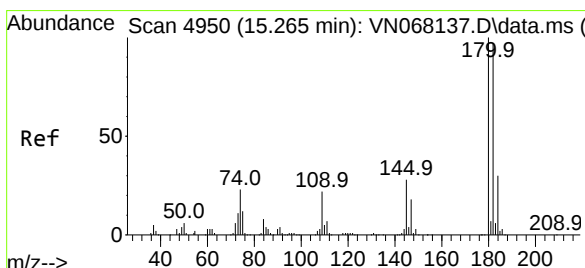
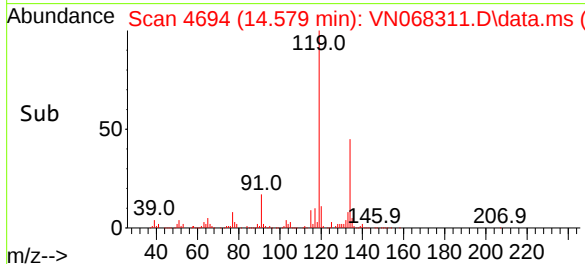
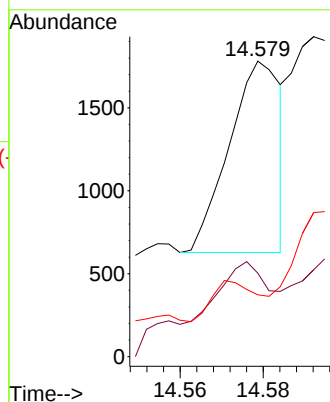
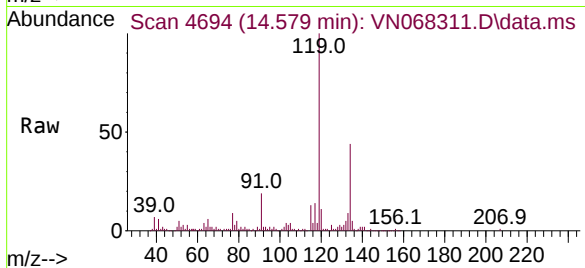




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.489 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.027 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

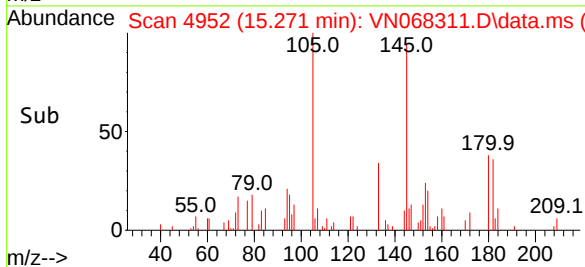
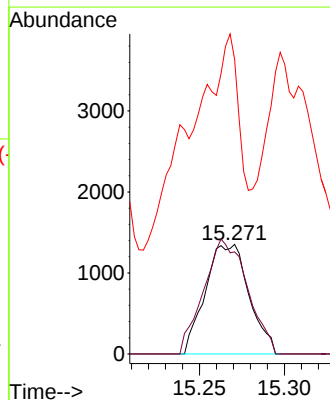
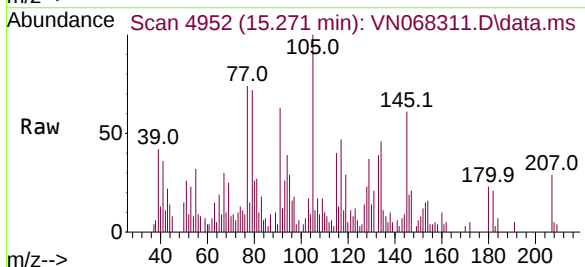
Instrument :
MSVOA_N
ClientSampleId :
31116

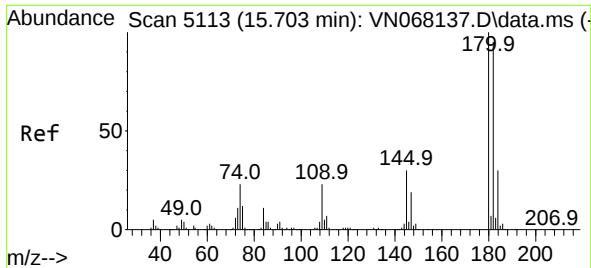
Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
155 72.4 29.8 89.5
157 19.6 37.6 112.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.904 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068311.D
Acq: 25 Aug 2021 20:10

Tgt Ion:180 Resp: 2412
Ion Ratio Lower Upper
180 100
182 105.2 47.5 142.5
145 0.0 17.2 51.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.127 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. -0.001 min
 Lab File: VN068311.D
 Acq: 25 Aug 2021 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 31116

Tgt Ion:180 Resp: 3105
 Ion Ratio Lower Upper
 180 100
 182 90.2 47.8 143.3
 145 457.2 18.2 54.6#

