

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068328.D
 Acq On : 26 Aug 2021 19:07
 Operator : JC/MD
 Sample : M3529-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31113DL

Quant Time: Aug 27 05:54:36 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	488274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	809266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	846641	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	427039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	260890	50.042	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.080%	
35) Dibromofluoromethane	8.024	113	244896	48.200	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.400%	
50) Toluene-d8	10.443	98	958814	49.527	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.734	95	372301	57.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.816	94	147	Below Cal	#	4
6) Chloroethane	3.009	64	131	Below Cal	#	1
11) Tert butyl alcohol	5.385	59	2394	3.682	ug/l	98
13) Acrolein	4.039	56	444	Below Cal		88
15) Acrylonitrile	5.559	53	2545	1.389	ug/l	# 51
16) Acetone	4.299	43	103238	67.823	ug/l	# 89
17) Carbon Disulfide	4.524	76	5298	0.518	ug/l	100
18) Methyl Acetate	4.865	43	1075	Below Cal	#	90
20) Methylene Chloride	5.087	84	5134	Below Cal	#	71
25) 2-Butanone	7.351	43	17086	7.203	ug/l	# 77
29) Tetrahydrofuran	7.702	42	2045	1.348	ug/l	# 76
31) Cyclohexane	8.088	56	9119	1.328	ug/l	# 1
36) 1,1-Dichloropropene	8.091	75	30212	4.567	ug/l	# 46
37) Ethyl Acetate	7.351	43	17086	3.032	ug/l	# 69
38) Carbon Tetrachloride	8.086	117	44578	5.842	ug/l	# 17
39) Methylcyclohexane	9.459	83	2145	0.287	ug/l	# 87
40) Benzene	8.461	78	65011	3.220	ug/l	99
44) Trichloroethene	9.220	130	1276	0.210	ug/l	67
48) Methyl methacrylate	9.561	41	864	0.230	ug/l	# 61
49) 1,4-Dioxane	9.572	88	1114	12.251	ug/l	# 51
51) 4-Methyl-2-Pentanone	10.331	43	13392	2.415	ug/l	91
52) Toluene	10.508	92	75705	5.500	ug/l	98
56) Ethyl methacrylate	10.768	69	2083	0.295	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.068	63	1434	19.487	ug/l	# 50
59) 2-Hexanone	11.090	43	17815	4.627	ug/l	95
64) Tetrachloroethene	10.980	164	1671	0.255	ug/l	# 78
65) Chlorobenzene	11.771	112	4480	0.258	ug/l	91
67) Ethyl Benzene	11.849	91	27538	0.963	ug/l	# 83
68) m/p-Xylenes	11.953	106	71420	6.244	ug/l	80
69) o-Xylene	12.286	106	36441	3.297	ug/l	81
70) Styrene	12.299	104	62884	3.555	ug/l	# 90
73) Isopropylbenzene	12.578	105	9446	0.311	ug/l	93
74) N-amyl acetate	12.390	43	9994	1.264	ug/l	# 71
75) 1,1,2,2-Tetrachloroethane	12.827	83	3569	0.392	ug/l	# 85
76) 1,2,3-Trichloropropane	12.734	75	187861	26.467	ug/l	# 100
77) Bromobenzene	12.868	156	3567	0.426	ug/l	61

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

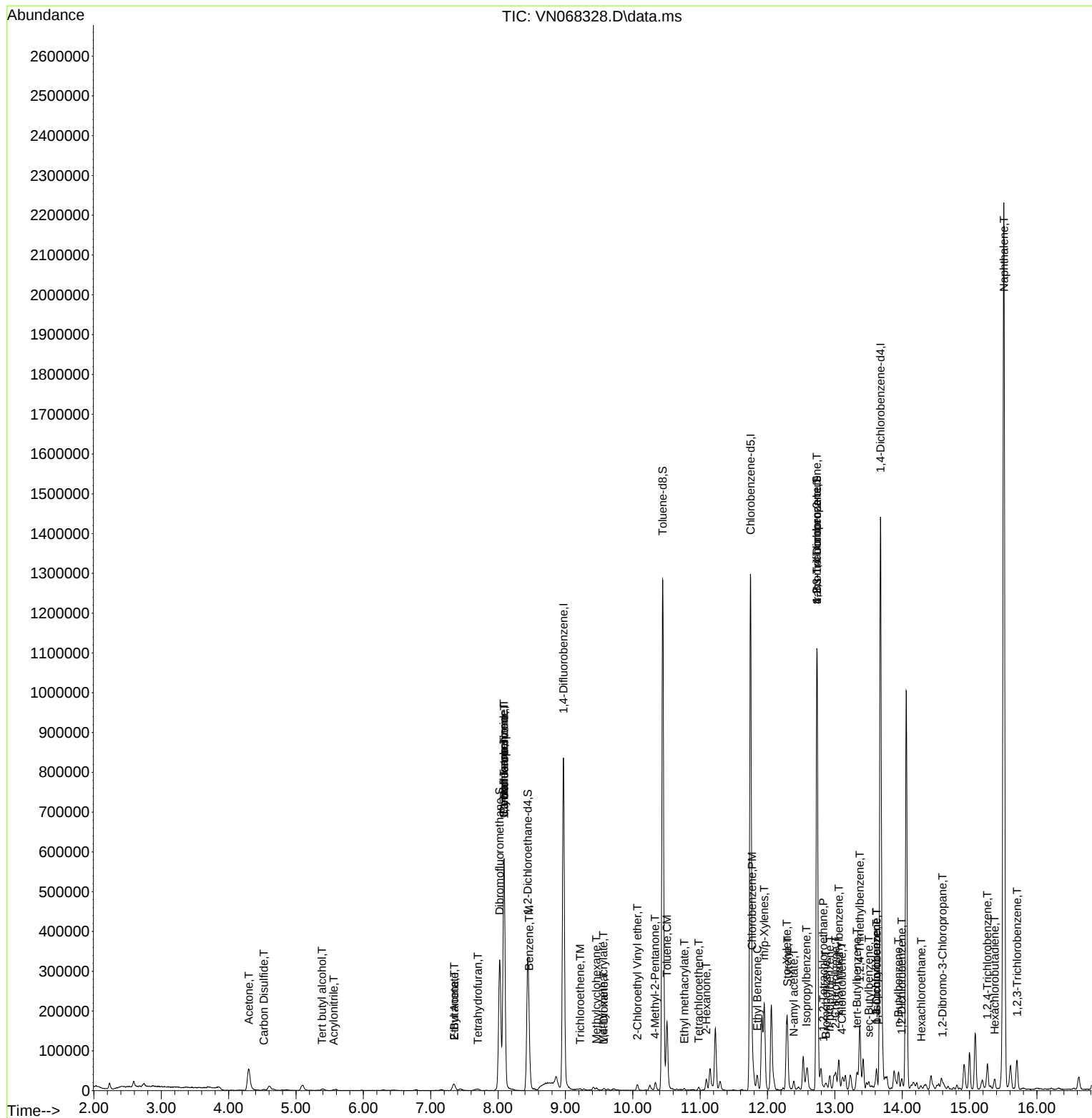
78) n-propylbenzene	12.924	91	24636	0.756	ug/l	99
79) 2-Chlorotoluene	13.007	91	7345	0.365	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	28117	1.144	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.734	75	187861	86.712	ug/l #	6
82) 4-Chlorotoluene	13.106	91	11770	0.602	ug/l	82
83) tert-Butylbenzene	13.326	119	5665	0.260	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	92957	3.876	ug/l	93
85) sec-Butylbenzene	13.506	105	13172	0.459	ug/l	91
86) p-Isopropyltoluene	13.619	119	14494	0.611	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	10079	0.706	ug/l	96
88) 1,4-Dichlorobenzene	13.619	146	10079	0.697	ug/l	95
89) n-Butylbenzene	13.946	91	24713	1.397	ug/l	94
90) Hexachloroethane	14.281	117	4019	0.913	ug/l #	16
91) 1,2-Dichlorobenzene	13.994	146	10544	0.776	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1396	1.012	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	21613	5.556	ug/l	98
94) Hexachlorobutadiene	15.373	225	4661	1.267	ug/l	92
95) Naphthalene	15.509	128	2148047	122.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	28893	6.861	ug/l	95

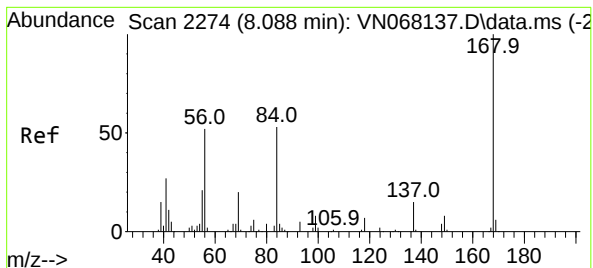
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN068328.D

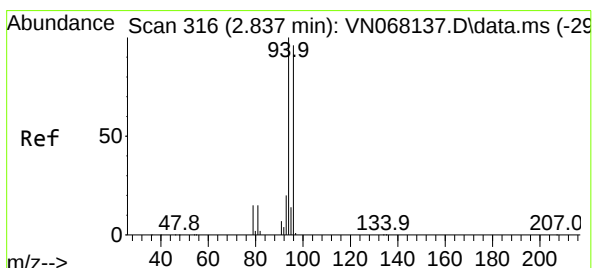
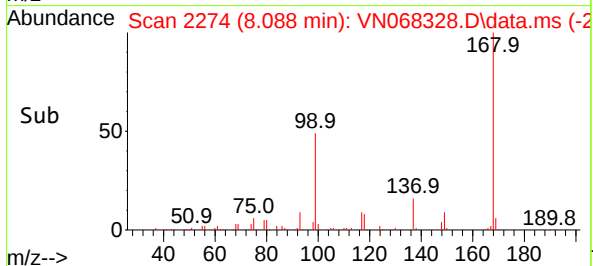
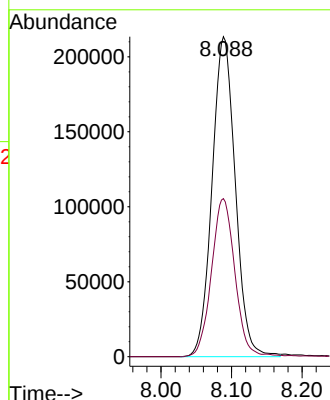
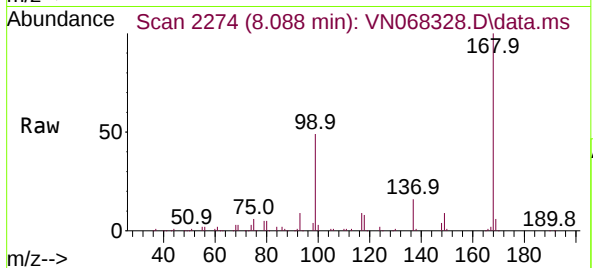
Acq: 26 Aug 2021 19:07

Tgt Ion:168 Resp: 488274

Ion Ratio Lower Upper

168 100

99 49.4 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.816 min Scan# 308

Delta R.T. -0.021 min

Lab File: VN068328.D

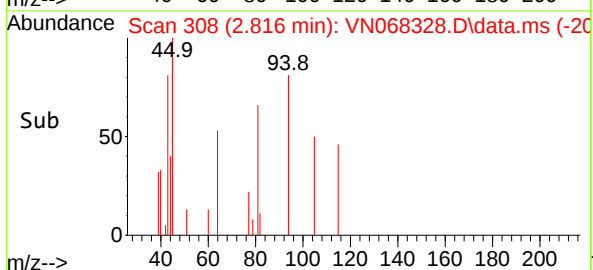
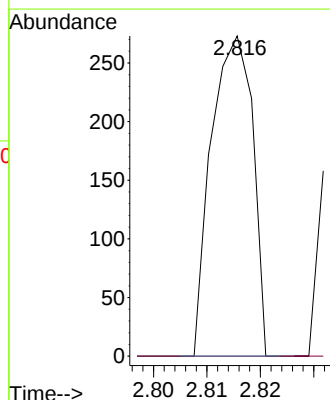
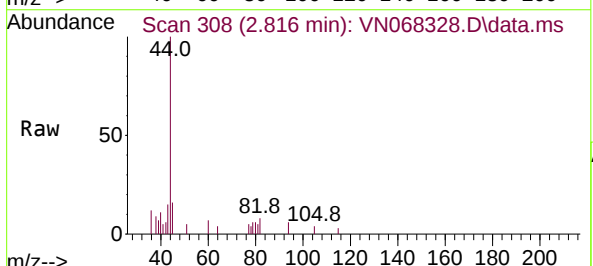
Acq: 26 Aug 2021 19:07

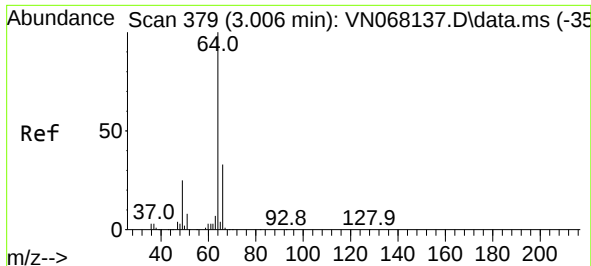
Tgt Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

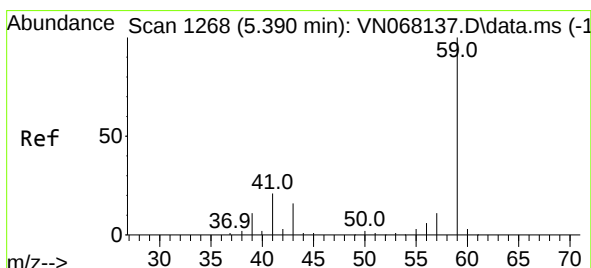
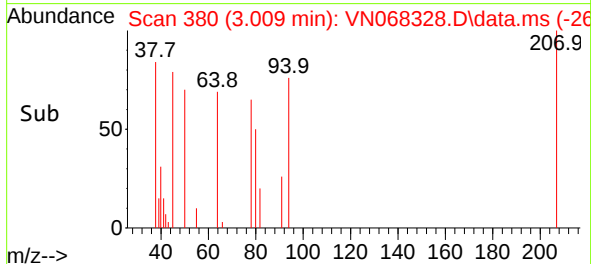
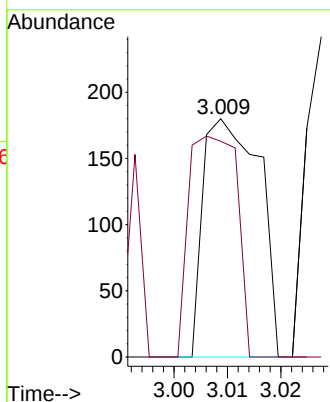
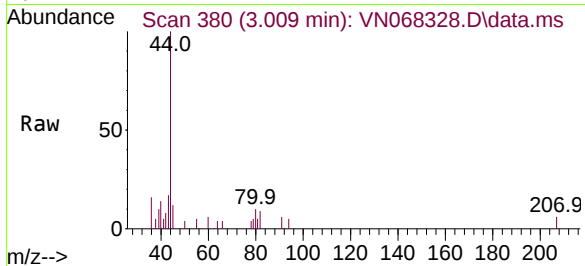




#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

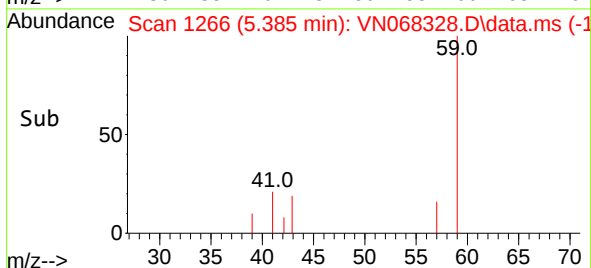
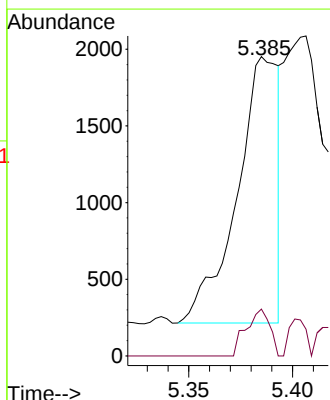
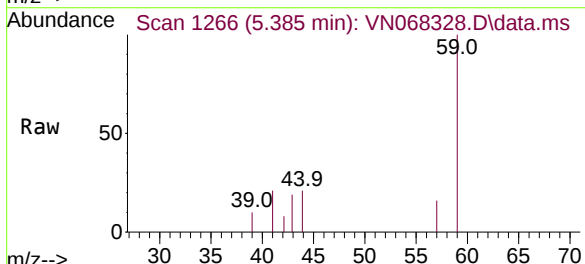
Instrument :
MSVOA_N
ClientSampled :
31113DL

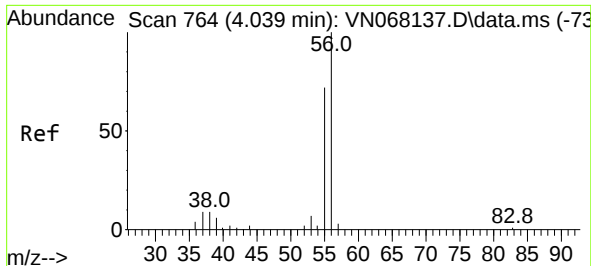
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 90.6 24.7 37.1#



#11
Tert butyl alcohol
Concen: 3.682 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 59 Resp: 2394
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

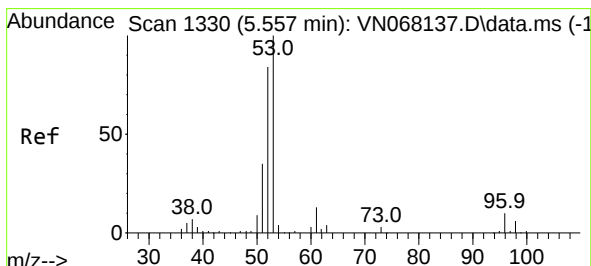
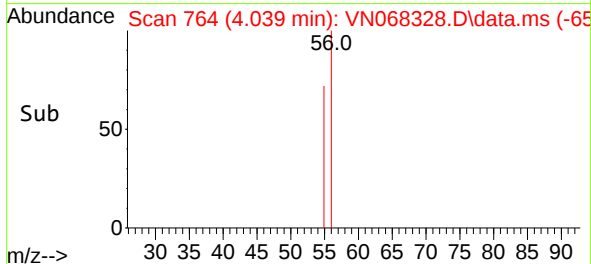
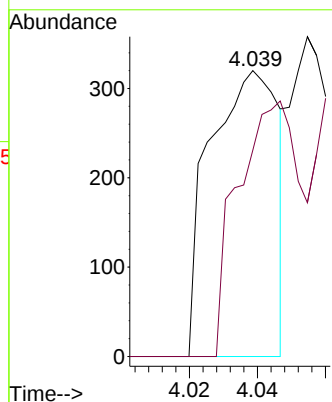
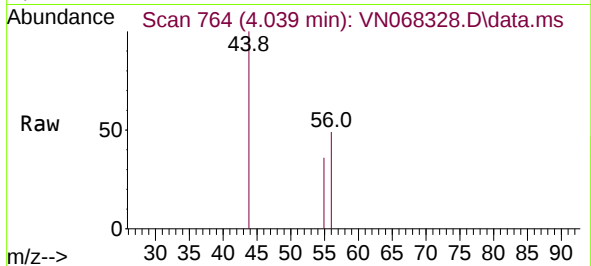




#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

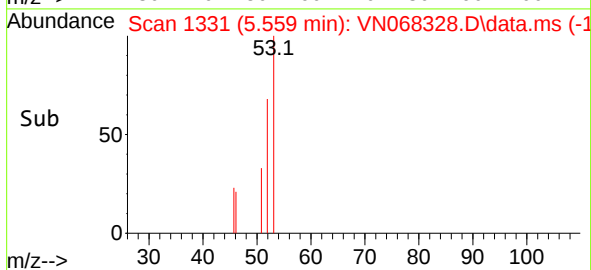
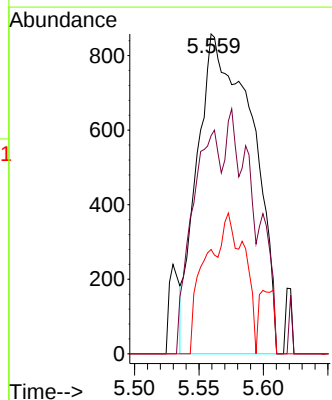
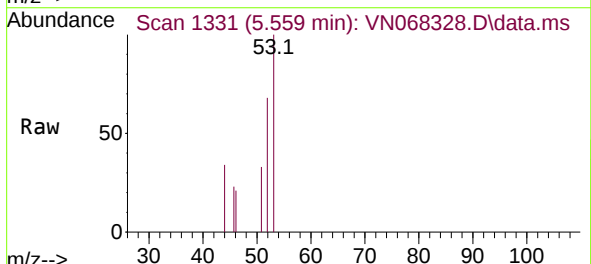
Instrument :
MSVOA_N
ClientSampled :
31113DL

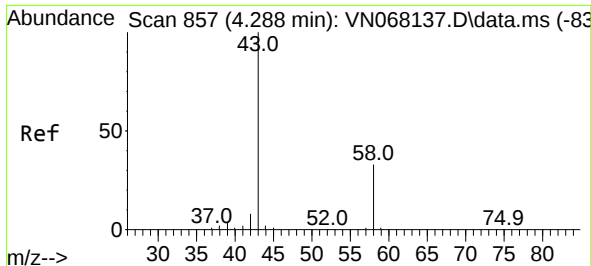
Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
55 81.3 57.4 86.0



#15
Acrylonitrile
Concen: 1.389 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 53 Resp: 2545
Ion Ratio Lower Upper
53 100
52 36.3 66.2 99.2#
51 12.2 30.2 45.4#

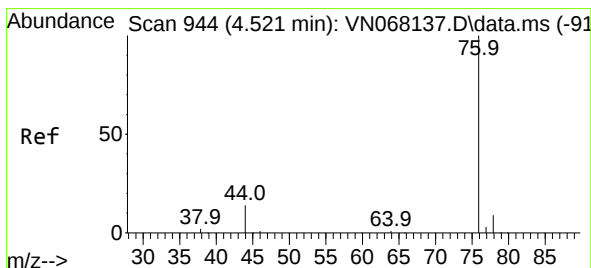
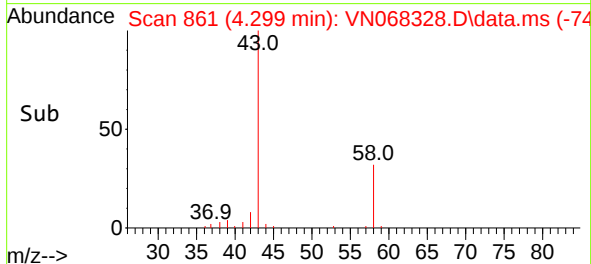
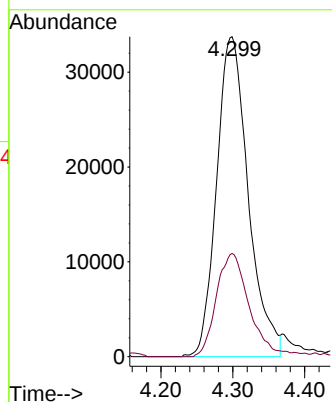
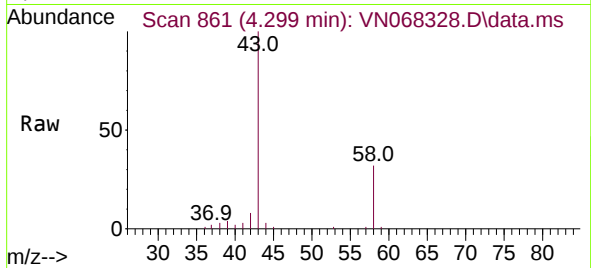




#16
Acetone
Concen: 67.823 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

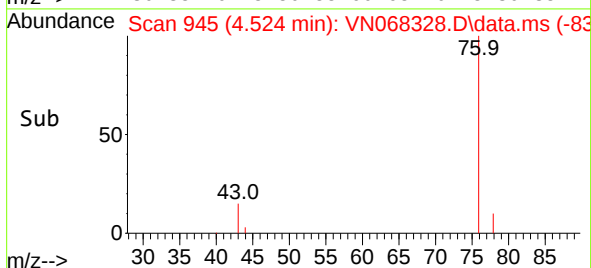
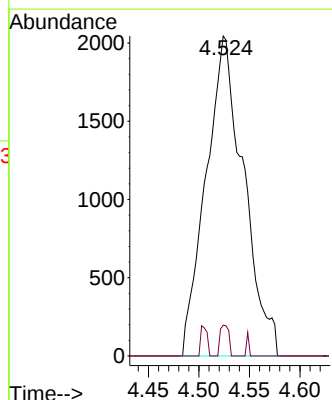
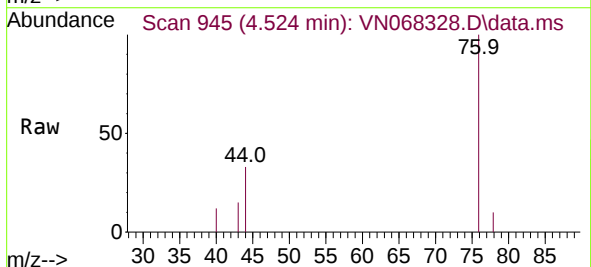
Instrument :
MSVOA_N
ClientSampleId :
31113DL

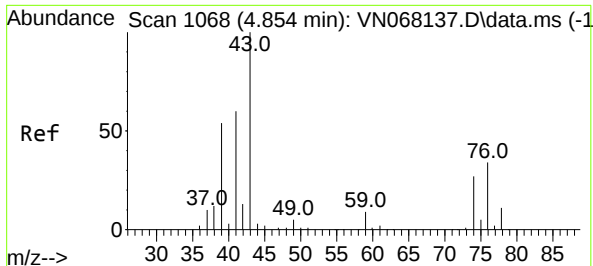
Tgt Ion: 43 Resp: 103238
Ion Ratio Lower Upper
43 100
58 32.3 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.518 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 76 Resp: 5298
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5





#18

Methyl Acetate

Concen: Below Cal

RT: 4.865 min Scan# 1072

Delta R.T. 0.011 min

Lab File: VN068328.D

Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

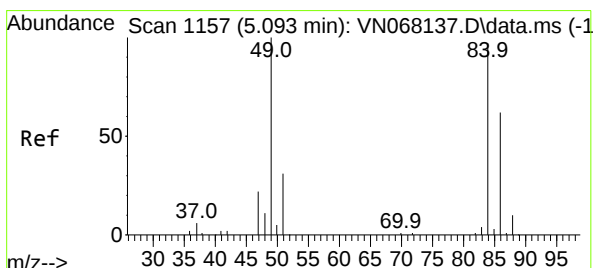
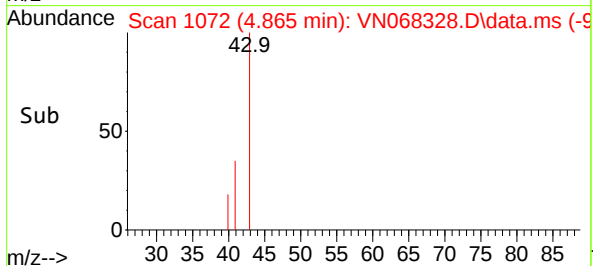
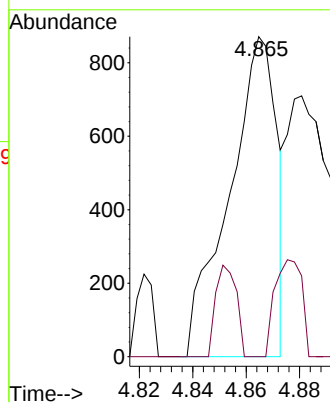
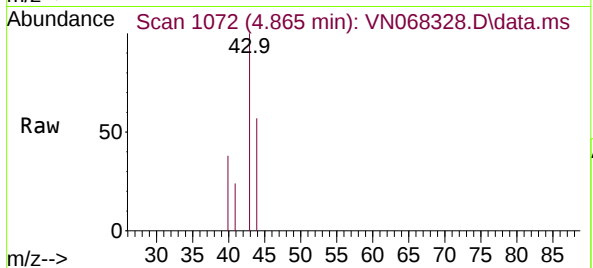
74 17.1 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

31113DL



#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068328.D

Acq: 26 Aug 2021 19:07

Tgt Ion: 84 Resp: 5134

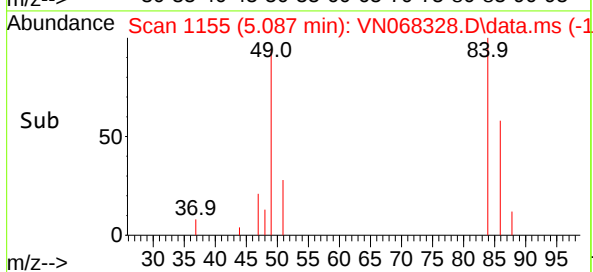
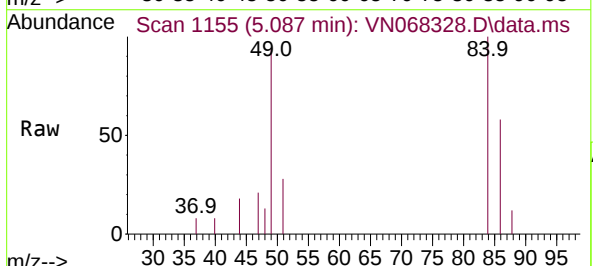
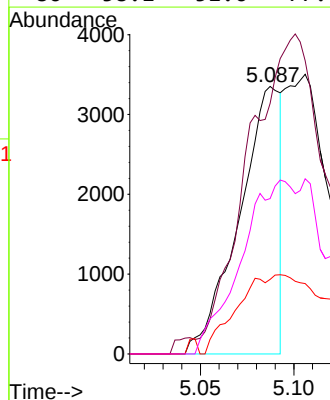
Ion Ratio Lower Upper

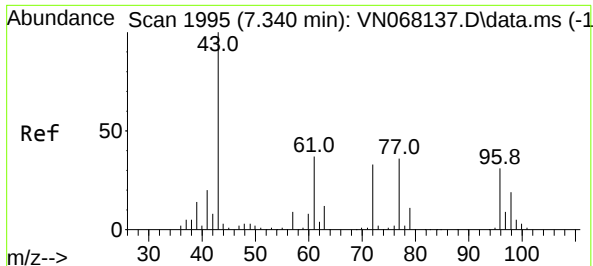
84 100

49 88.4 110.9 166.3#

51 27.9 32.6 49.0#

86 58.1 51.6 77.4





#25

2-Butanone

Concen: 7.203 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.011 min

Lab File: VN068328.D

Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 17086

Ion Ratio Lower Upper

43 100

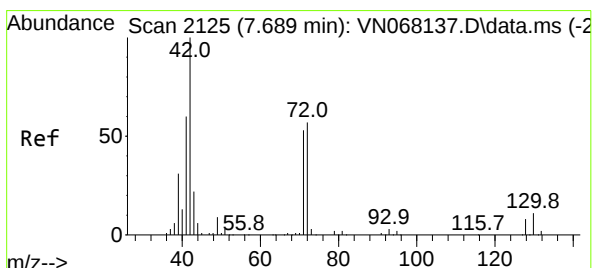
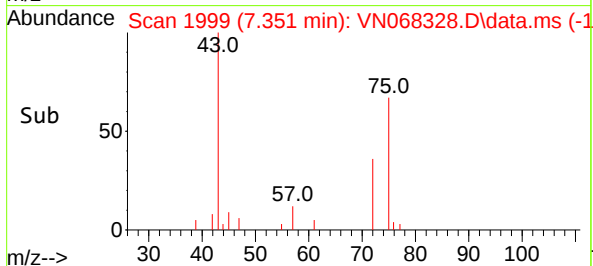
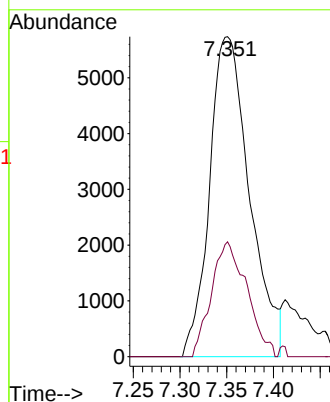
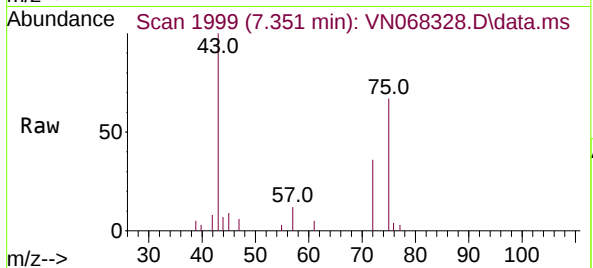
72 35.9 19.7 29.5#

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#29

Tetrahydrofuran

Concen: 1.348 ug/l

RT: 7.702 min Scan# 2130

Delta R.T. 0.013 min

Lab File: VN068328.D

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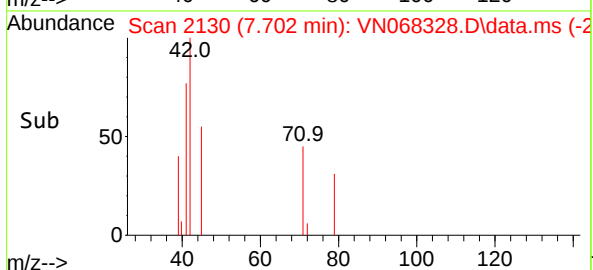
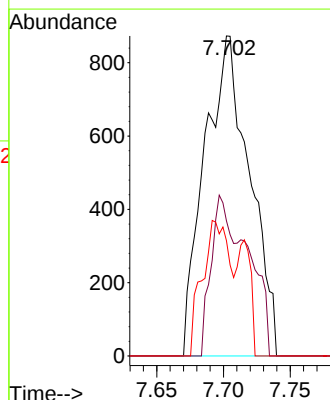
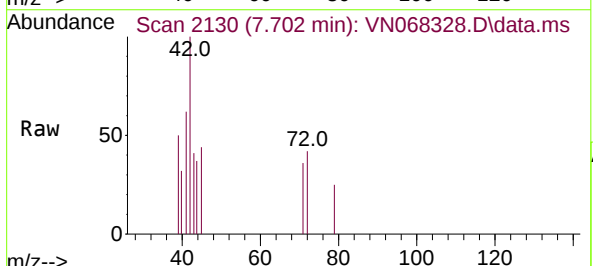
Tgt Ion: 42 Resp: 2045

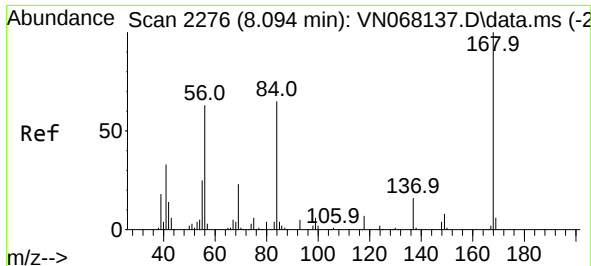
Ion Ratio Lower Upper

42 100

72 24.9 32.8 49.2#

71 25.7 31.2 46.8#

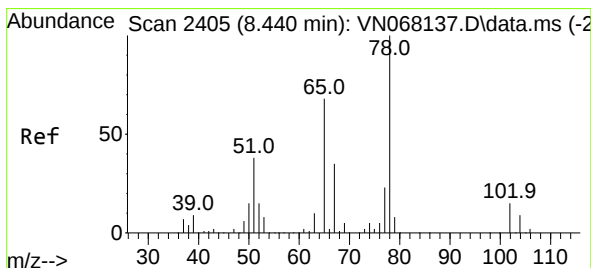
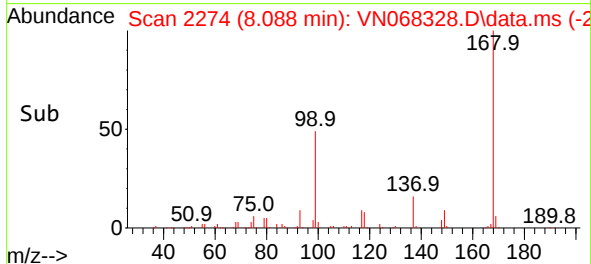
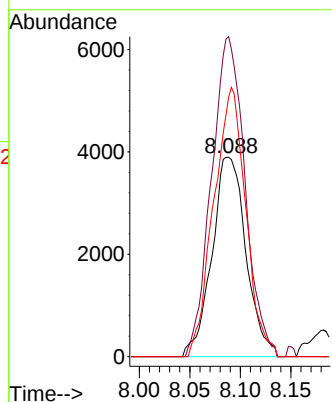
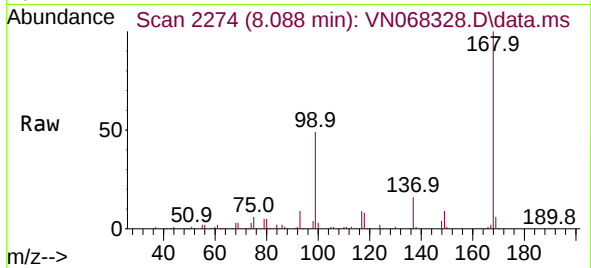




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

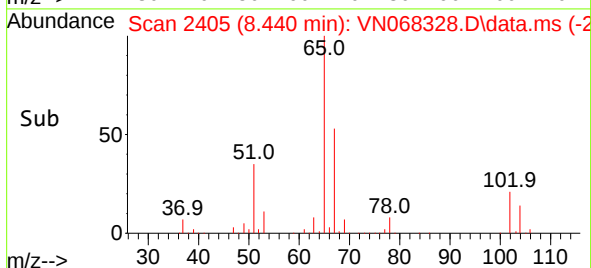
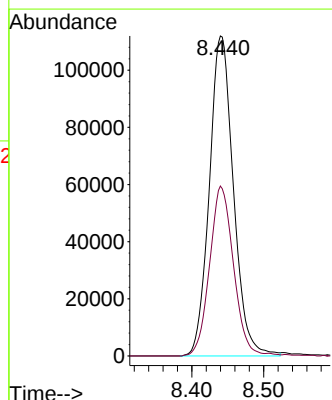
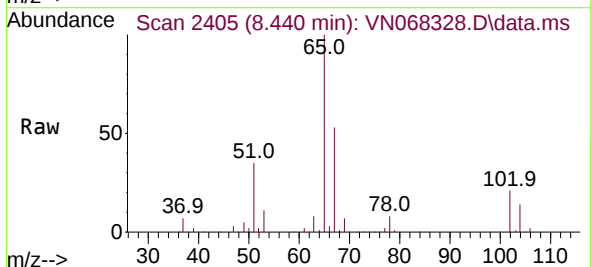
Instrument :
MSVOA_N
ClientSampled :
31113DL

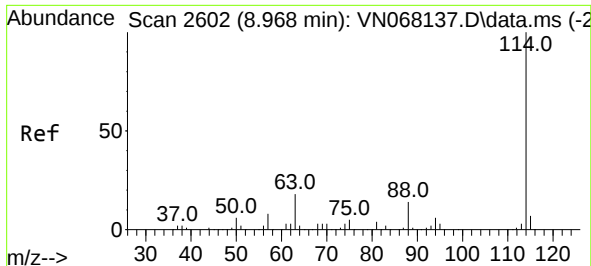
Tgt Ion: 56 Resp: 9119
Ion Ratio Lower Upper
56 100
69 160.5 27.3 40.9#
84 130.3 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 65 Resp: 260890
Ion Ratio Lower Upper
65 100
67 52.3 0.0 98.6

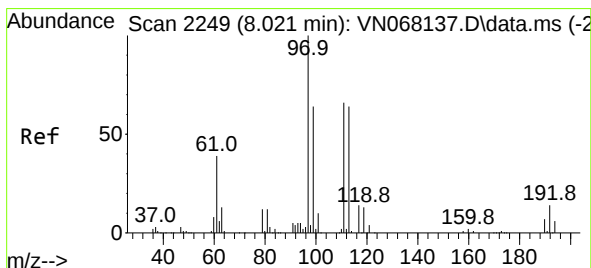
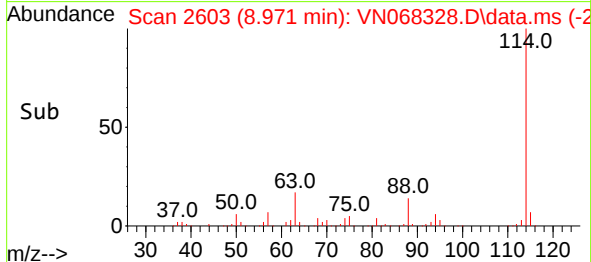
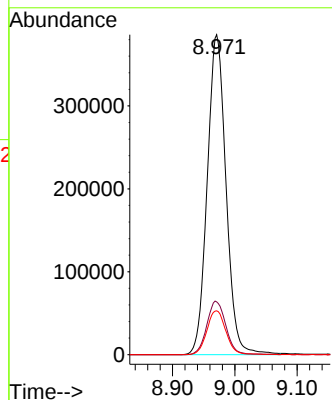
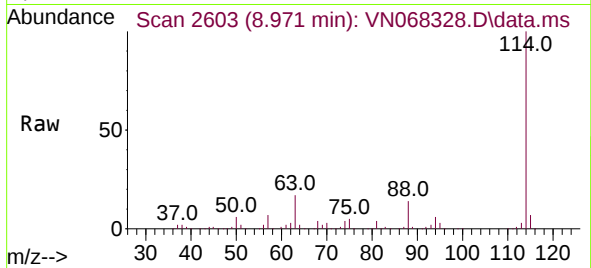




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

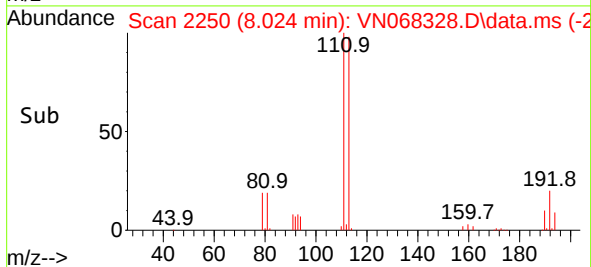
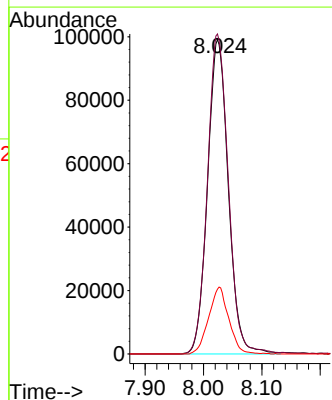
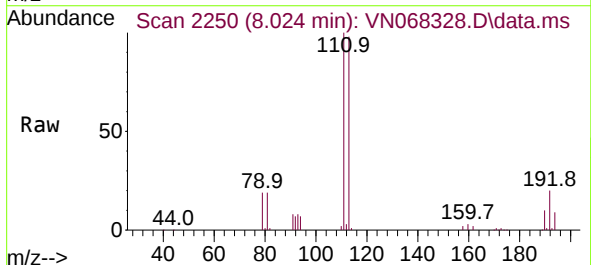
Instrument :
MSVOA_N
ClientSampleId :
31113DL

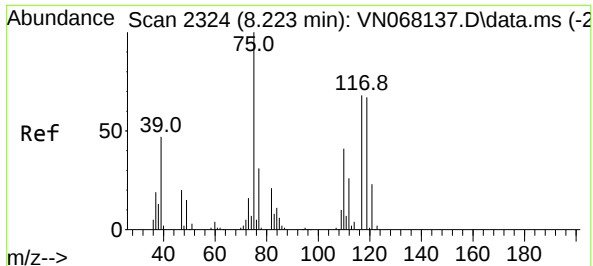
Tgt Ion:114 Resp: 809266
Ion Ratio Lower Upper
114 100
63 16.5 0.0 49.0
88 13.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:113 Resp: 244896
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 20.6 13.4 20.0#

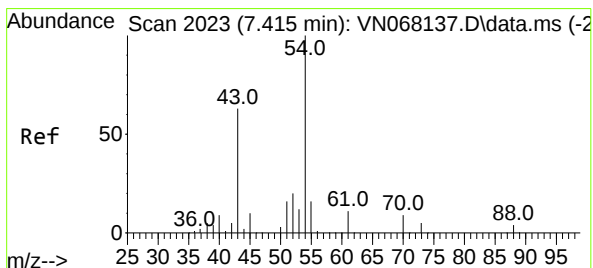
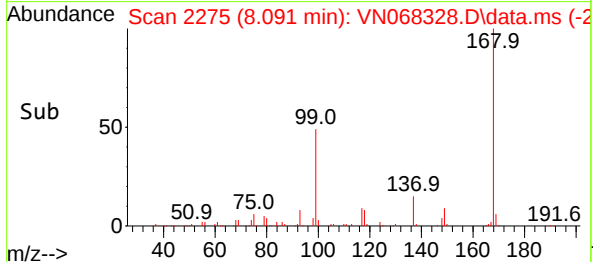
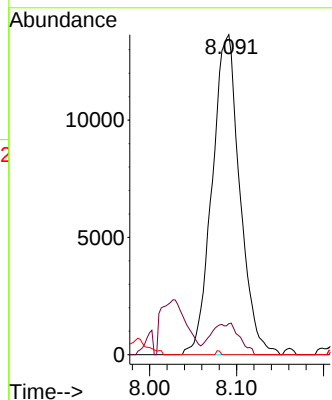
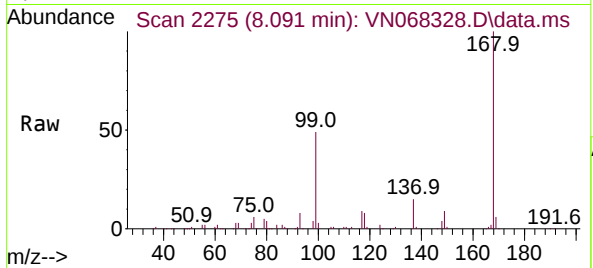




#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.132 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

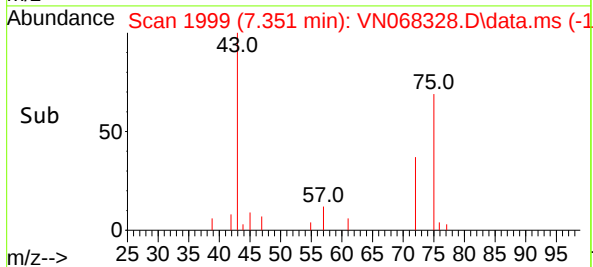
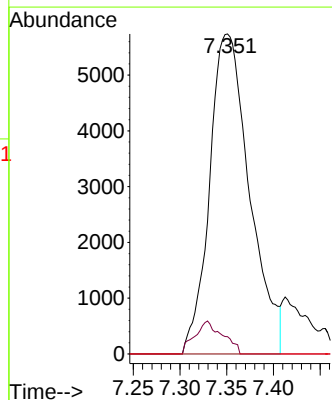
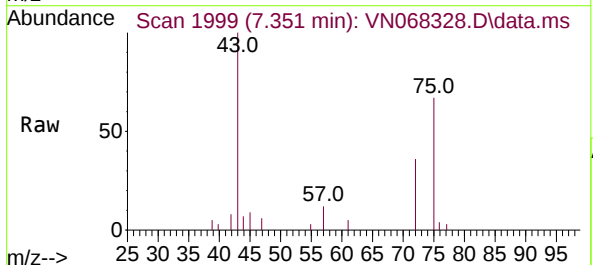
Instrument :
MSVOA_N
ClientSampled :
31113DL

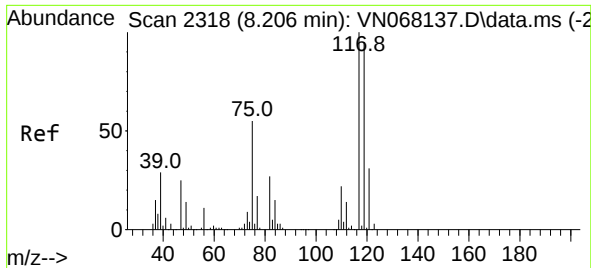
Tgt Ion: 75 Resp: 30212
Ion Ratio Lower Upper
75 100
110 3.2 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 3.032 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 17086
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

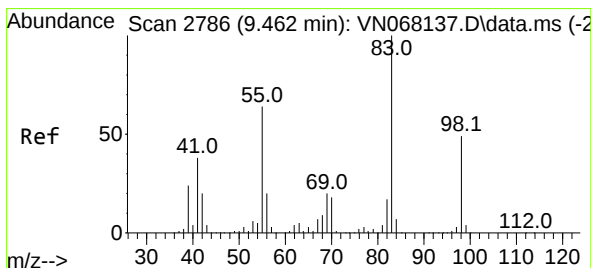
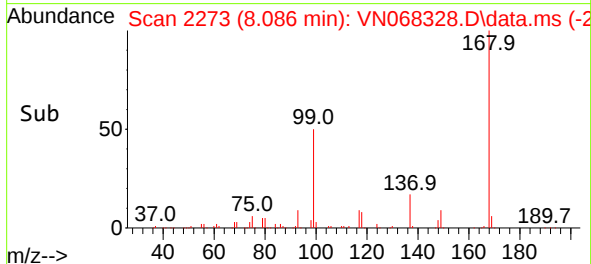
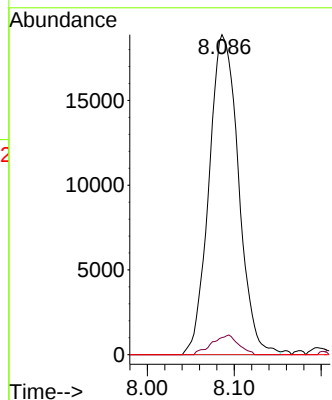
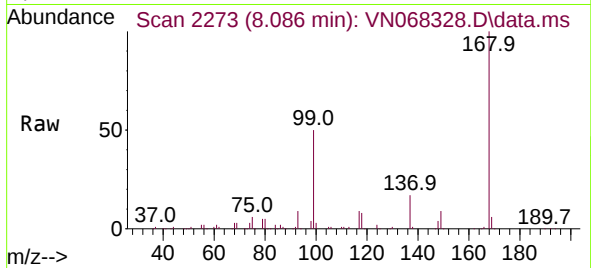




#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

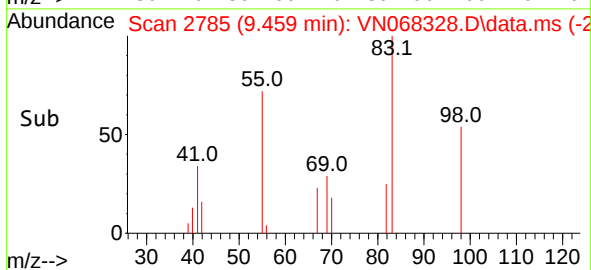
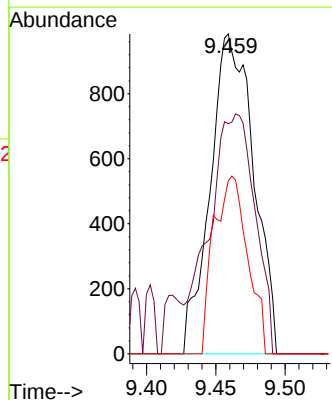
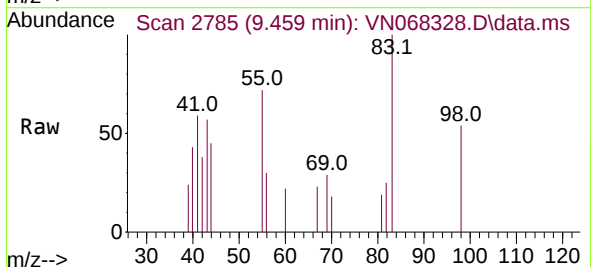
Instrument :
MSVOA_N
ClientSampled :
31113DL

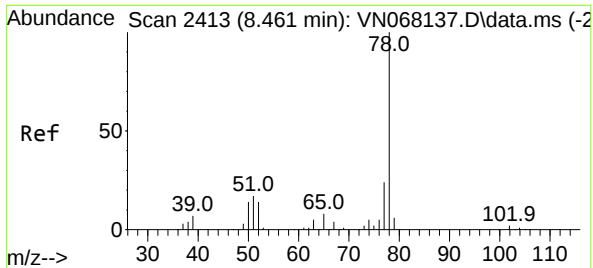
Tgt Ion:117 Resp: 44578
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.287 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 83 Resp: 2145
Ion Ratio Lower Upper
83 100
55 72.0 66.6 99.8
98 54.0 35.3 52.9#

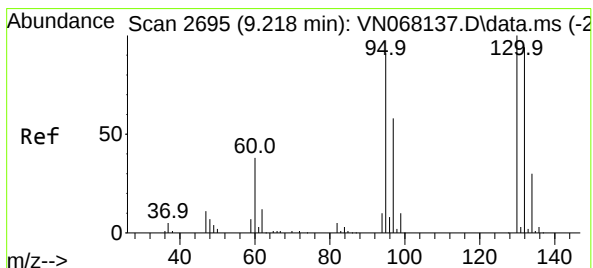
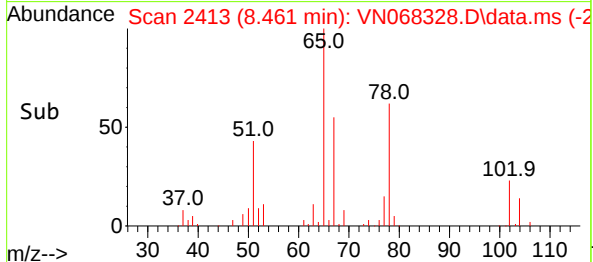
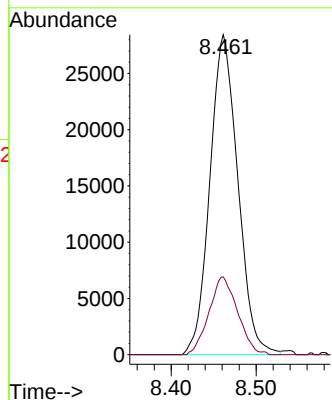
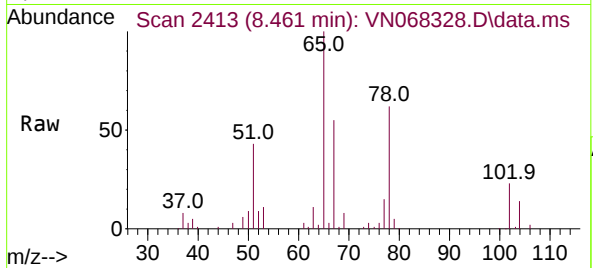




#40
Benzene
Concen: 3.220 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

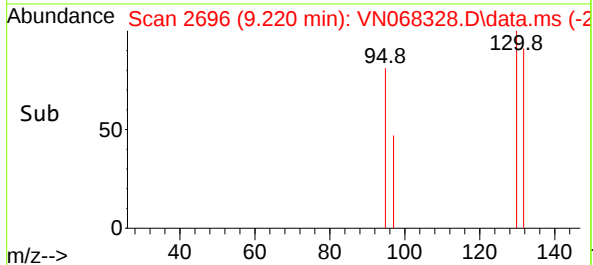
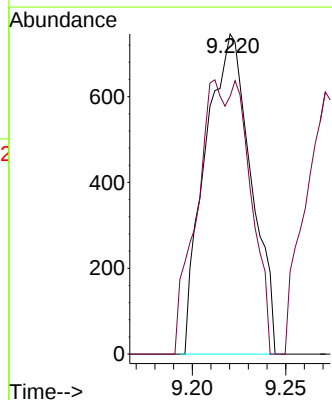
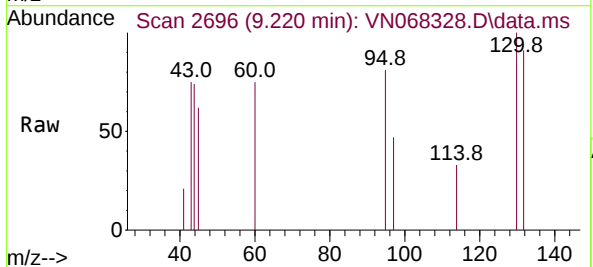
Instrument :
MSVOA_N
ClientSampled :
31113DL

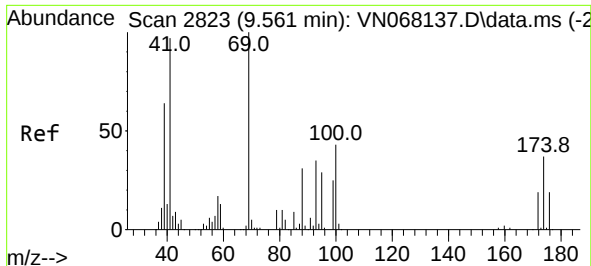
Tgt Ion: 78 Resp: 65011
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3



#44
Trichloroethene
Concen: 0.210 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:130 Resp: 1276
Ion Ratio Lower Upper
130 100
95 80.6 0.0 234.4

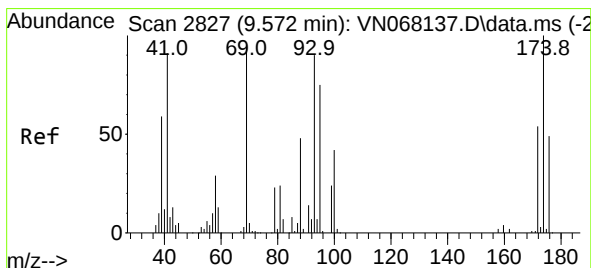
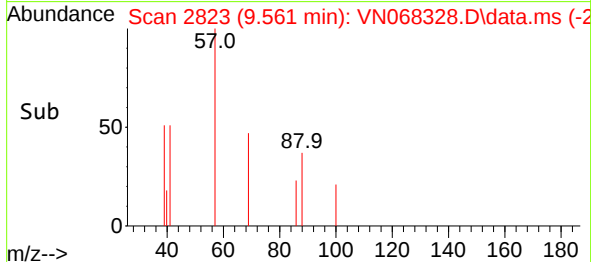
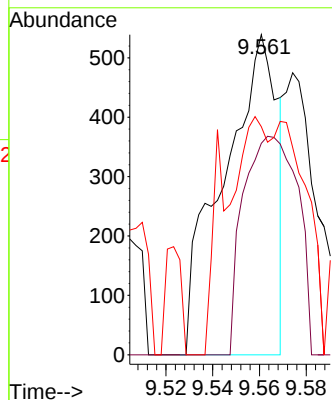
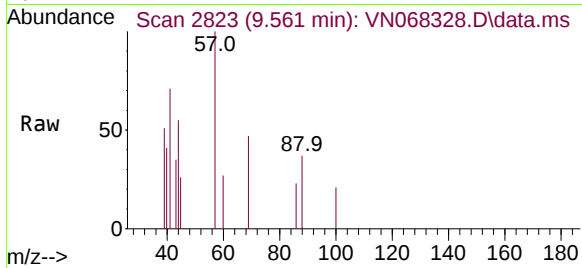




#48
Methyl methacrylate
Concen: 0.230 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

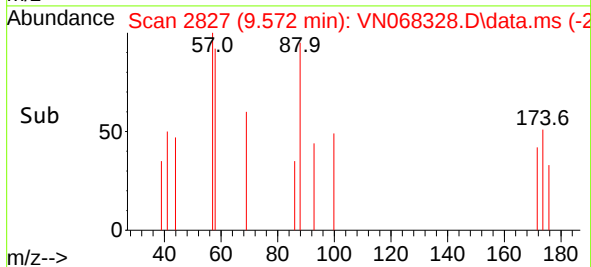
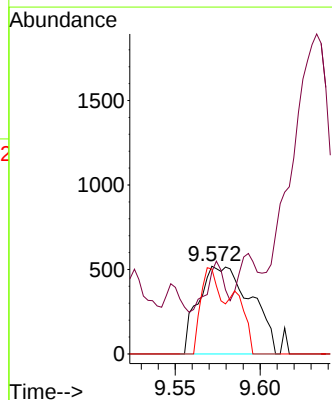
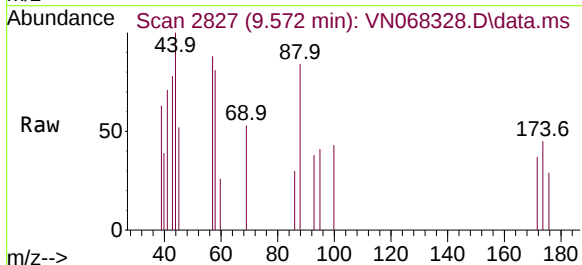
Instrument :
MSVOA_N
ClientSampled :
31113DL

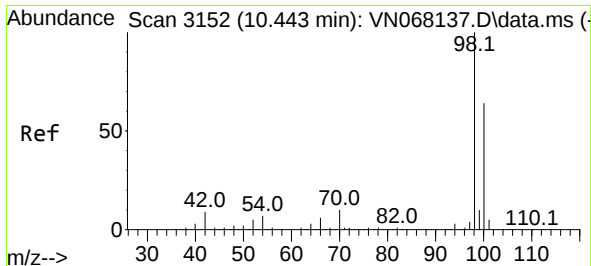
Tgt Ion: 41 Resp: 864
Ion Ratio Lower Upper
41 100
69 68.6 64.6 96.8
39 11.6 53.3 79.9#



#49
1,4-Dioxane
Concen: 12.251 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 88 Resp: 1114
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 38.2 60.4 90.6#

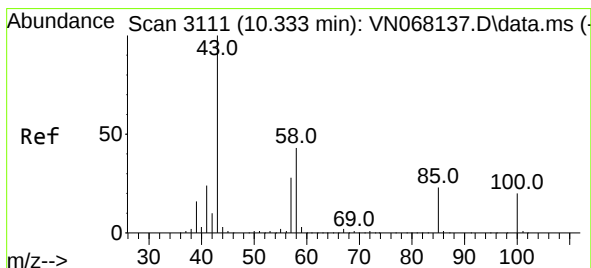
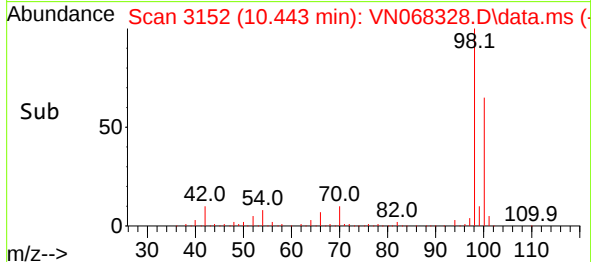
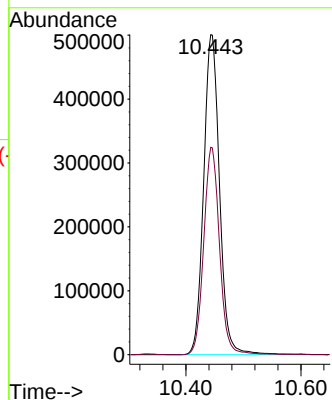
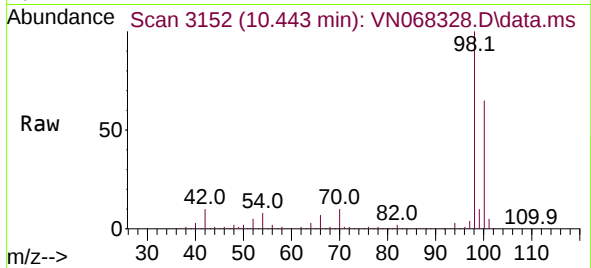




#50
Toluene-d8
Concen: 49.527 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

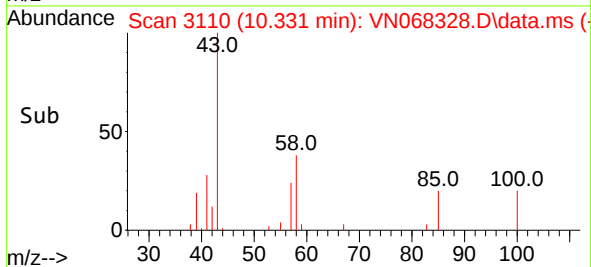
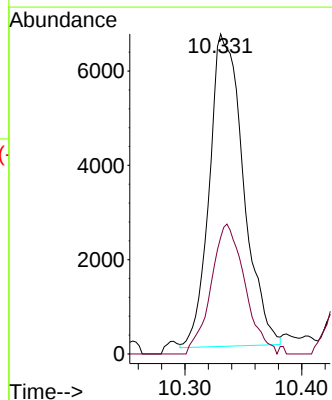
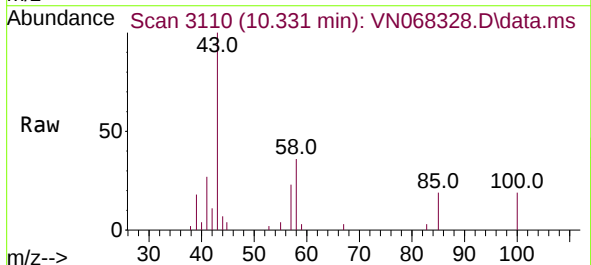
Instrument :
MSVOA_N
ClientSampled :
31113DL

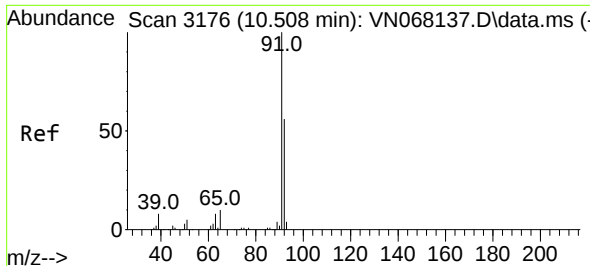
Tgt Ion: 98 Resp: 958814
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.415 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 13392
Ion Ratio Lower Upper
43 100
58 41.2 28.6 43.0

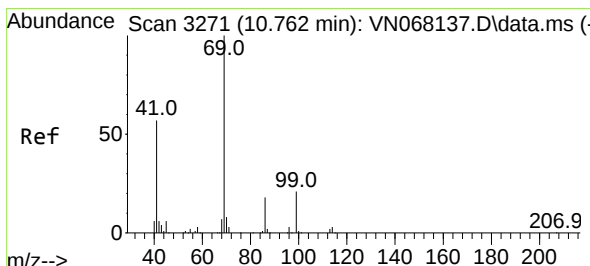
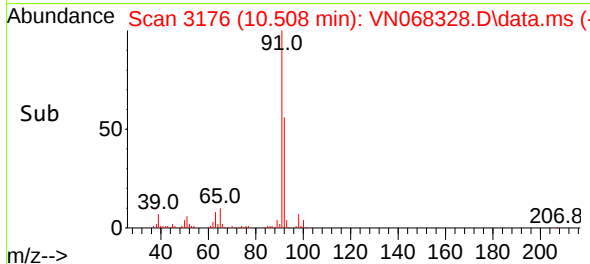
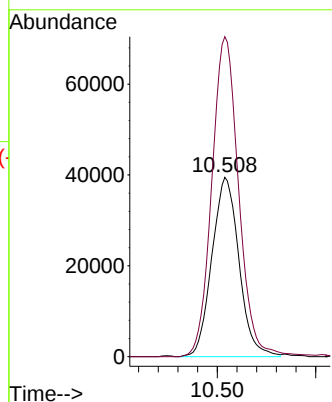
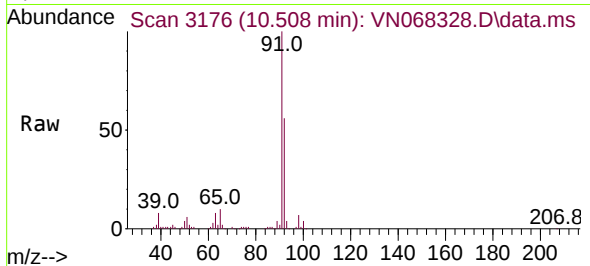




#52
Toluene
Concen: 5.500 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

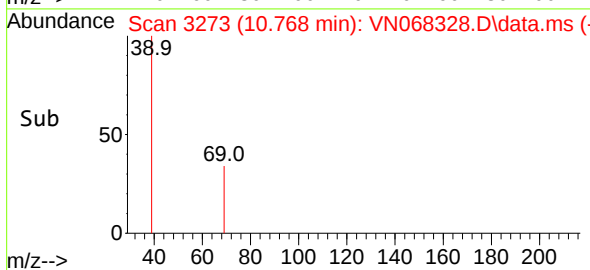
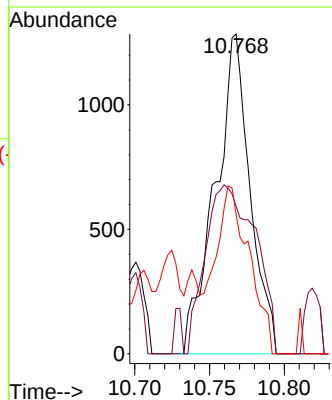
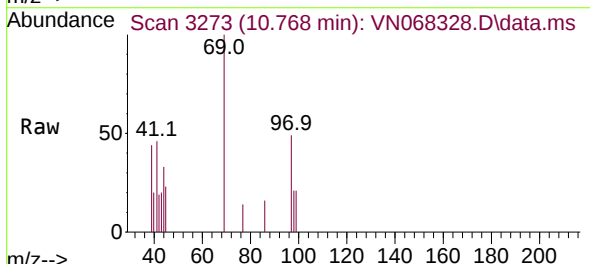
Instrument :
MSVOA_N
ClientSampleId :
31113DL

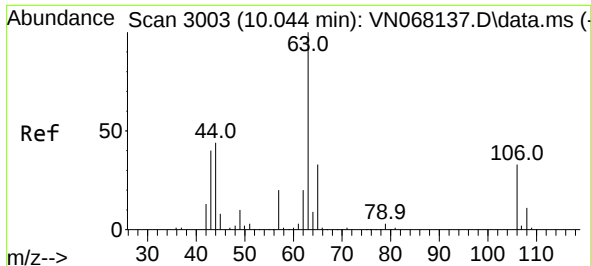
Tgt Ion: 92 Resp: 75705
Ion Ratio Lower Upper
92 100
91 177.2 139.6 209.4



#56
Ethyl methacrylate
Concen: 0.295 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 69 Resp: 2083
Ion Ratio Lower Upper
69 100
41 76.1 58.6 88.0
39 50.3 38.3 57.5

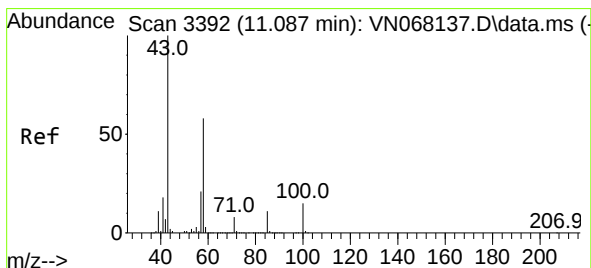
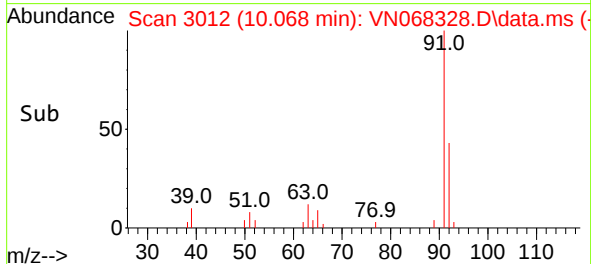
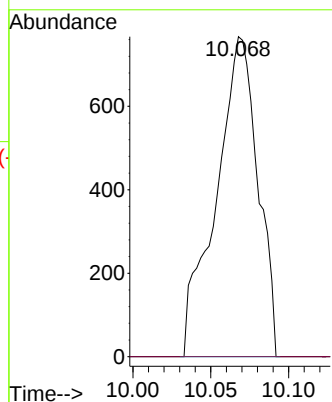
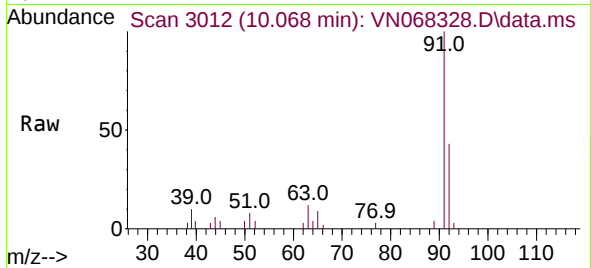




#58
2-Chloroethyl Vinyl ether
Concen: 19.487 ug/l
RT: 10.068 min Scan# 3012
Delta R.T. 0.024 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

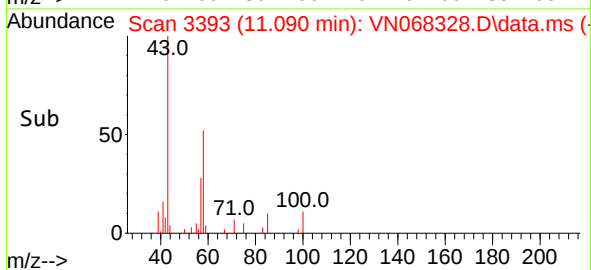
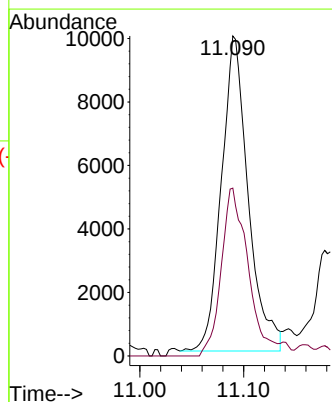
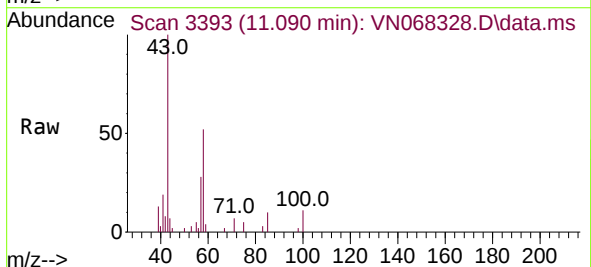
Instrument :
MSVOA_N
ClientSampled :
31113DL

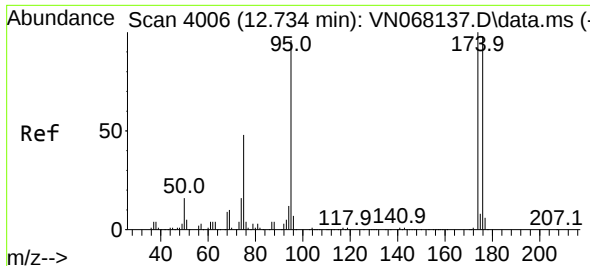
Tgt Ion: 63 Resp: 1434
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 4.627 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 17815
Ion Ratio Lower Upper
43 100
58 53.0 24.7 74.1

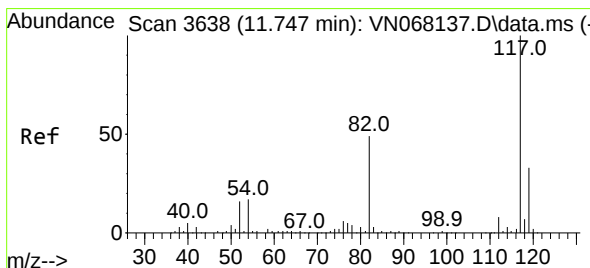
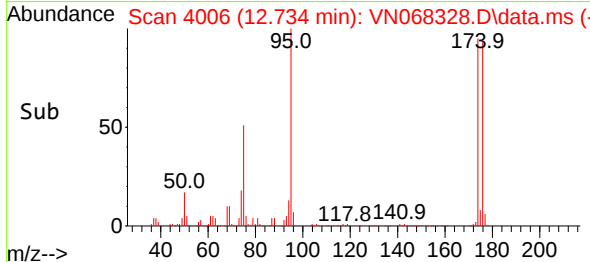
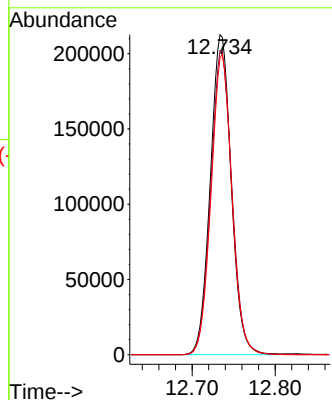
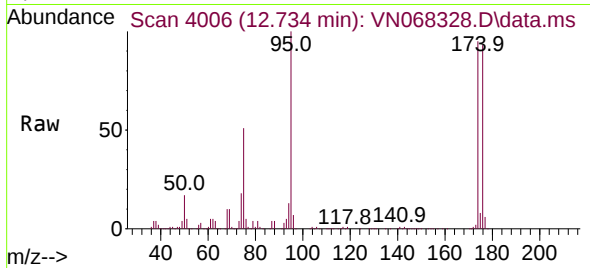




#62
4-Bromofluorobenzene
Concen: 57.768 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

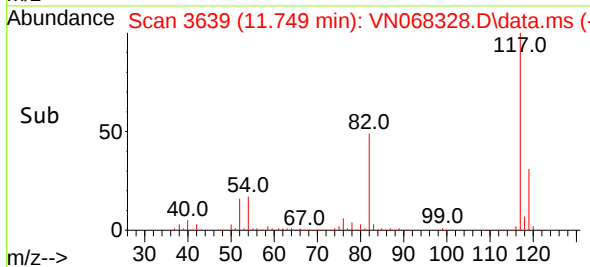
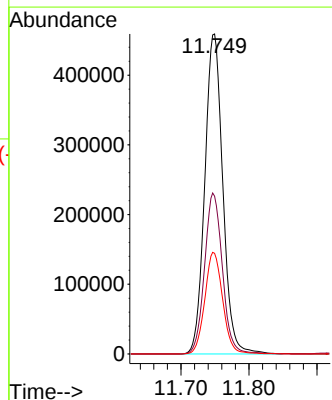
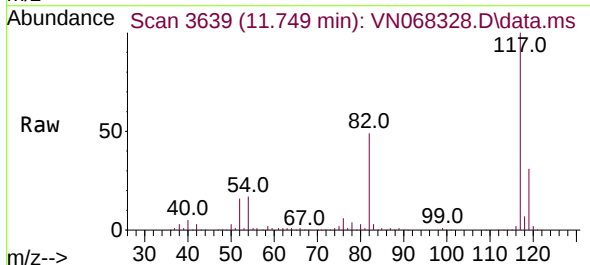
Instrument :
MSVOA_N
ClientSampleId :
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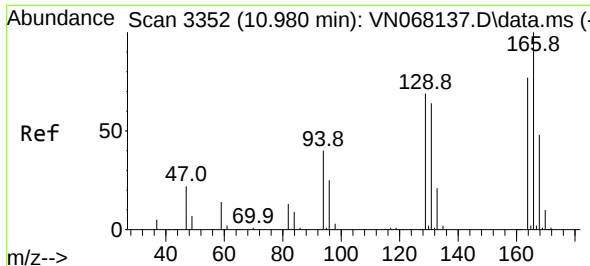
Tgt Ion: 95 Resp: 372301
Ion Ratio Lower Upper
95 100
174 96.0 0.0 122.0
176 93.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 117 Resp: 846641
Ion Ratio Lower Upper
117 100
82 49.3 53.1 79.7#
119 31.4 25.5 38.3

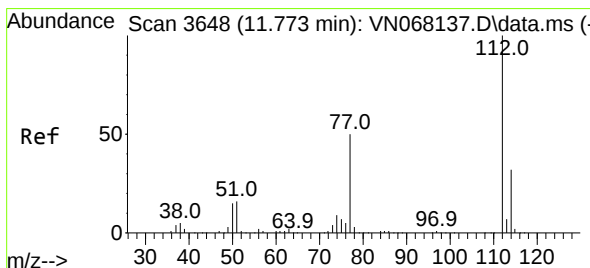
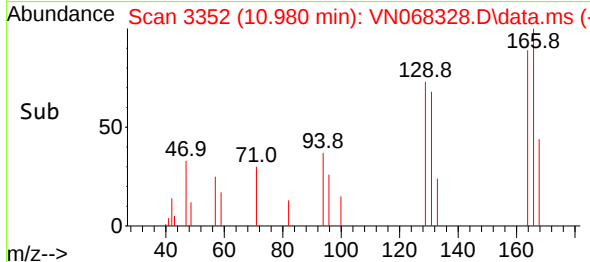
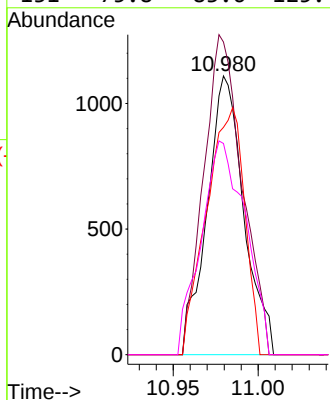
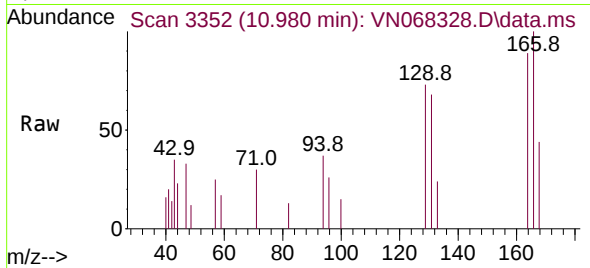




#64
Tetrachloroethene
Concen: 0.255 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

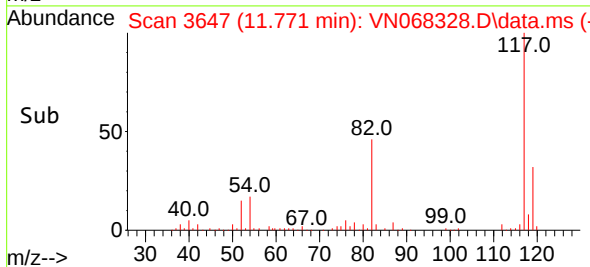
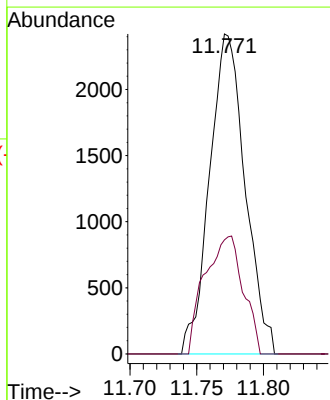
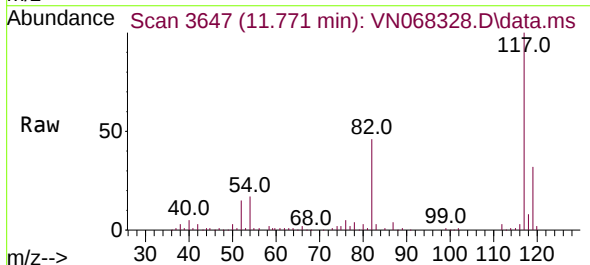
Instrument :
MSVOA_N
ClientSampleId :
31113DL

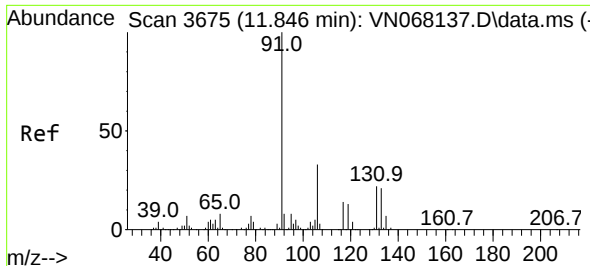
Tgt Ion:	164	Resp:	1671
Ion	Ratio	Lower	Upper
164	100		
166	112.2	102.1	153.1
129	81.5	86.9	130.3#
131	75.8	83.6	125.4#



#65
Chlorobenzene
Concen: 0.258 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:	112	Resp:	4480
Ion	Ratio	Lower	Upper
112	100		
114	35.7	24.6	37.0

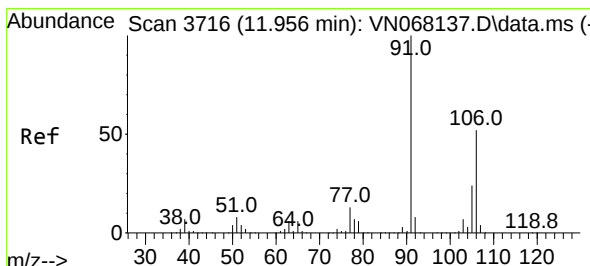
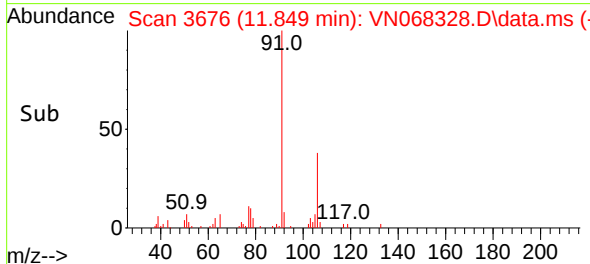
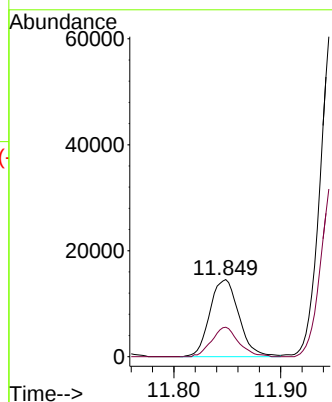
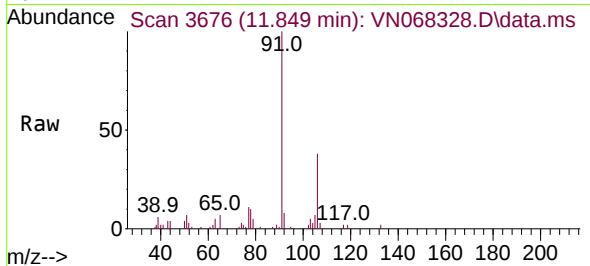




#67
Ethyl Benzene
Concen: 0.963 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

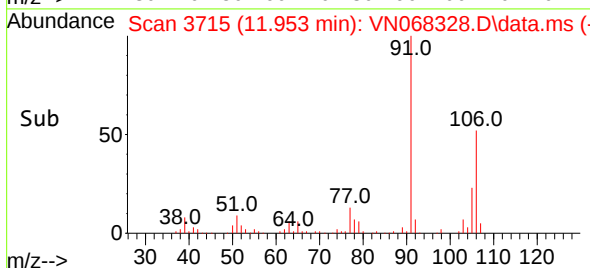
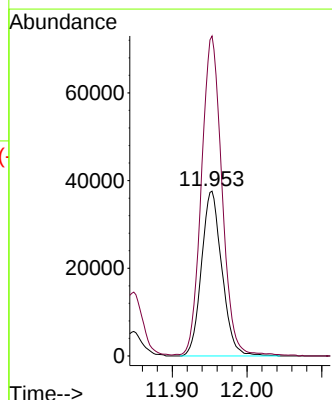
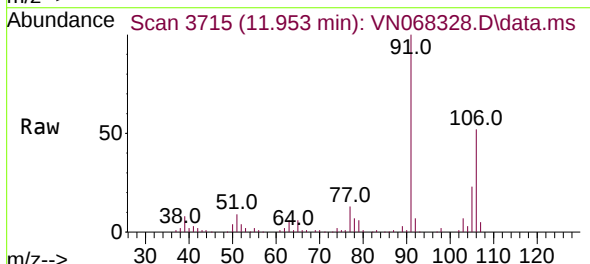
Instrument :
MSVOA_N
ClientSampleId :
31113DL

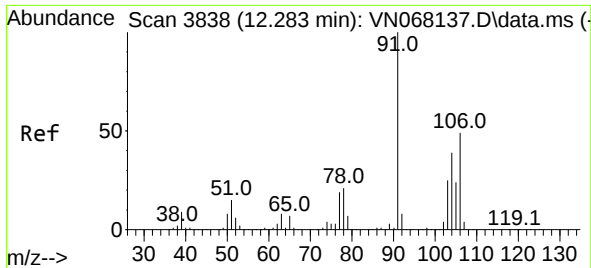
Tgt Ion: 91 Resp: 27538
Ion Ratio Lower Upper
91 100
106 38.3 23.4 35.0#



#68
m/p-Xylenes
Concen: 6.244 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:106 Resp: 71420
Ion Ratio Lower Upper
106 100
91 193.0 180.6 270.8

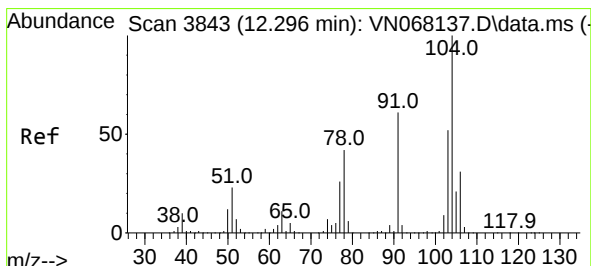
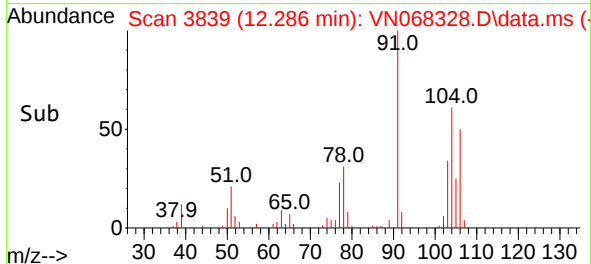
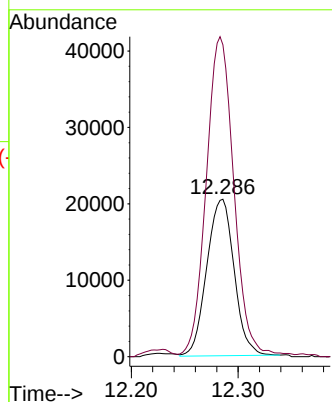
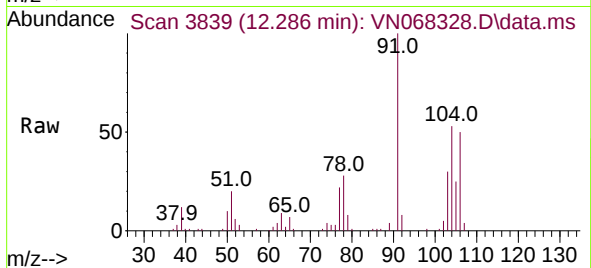




#69
o-Xylene
Concen: 3.297 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

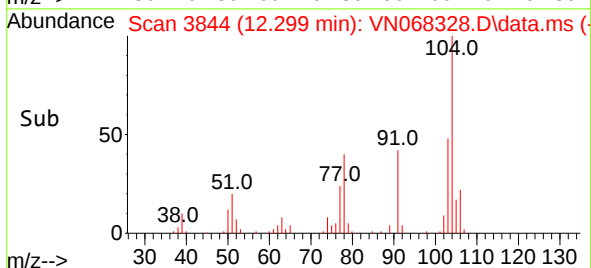
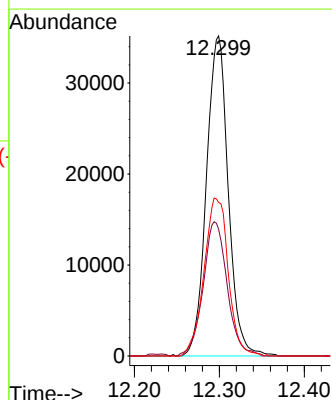
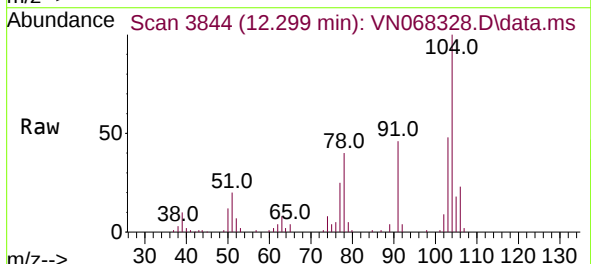
Instrument :
MSVOA_N
ClientSampleId :
31113DL

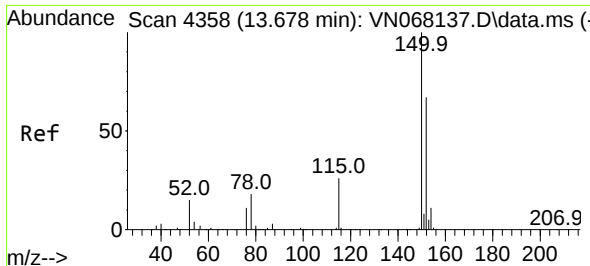
Tgt Ion:106 Resp: 36441
Ion Ratio Lower Upper
106 100
91 204.7 118.3 354.9



#70
Styrene
Concen: 3.555 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:104 Resp: 62884
Ion Ratio Lower Upper
104 100
78 46.1 48.2 72.2#
103 54.7 44.5 66.7

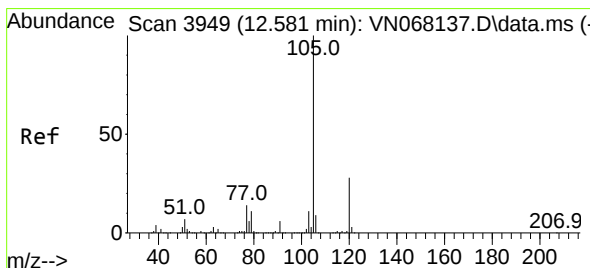
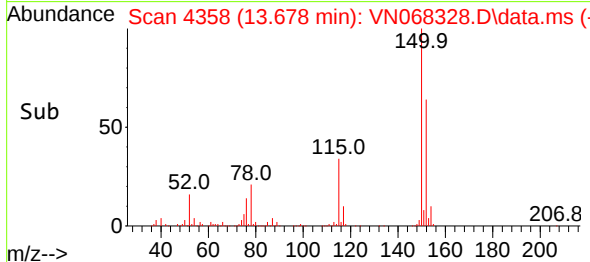
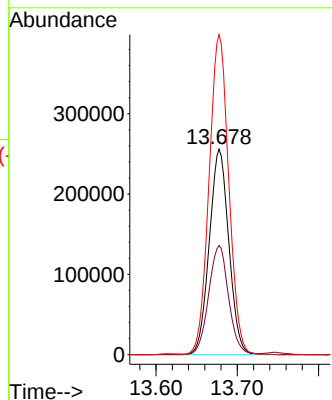
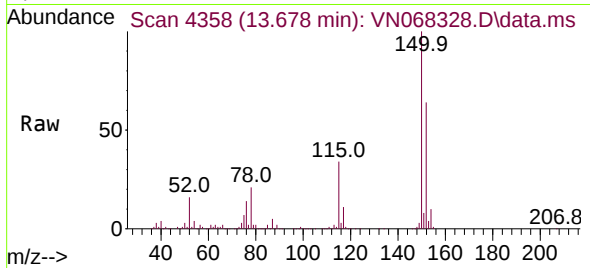




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

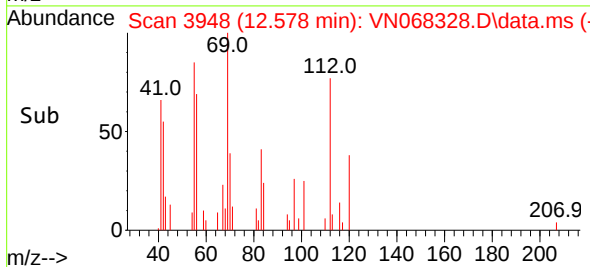
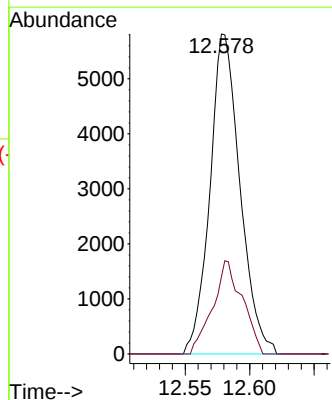
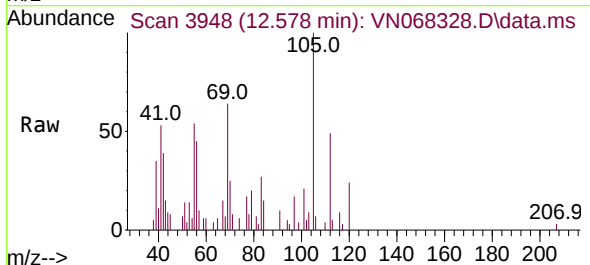
Instrument :
MSVOA_N
ClientSampleId :
31113DL

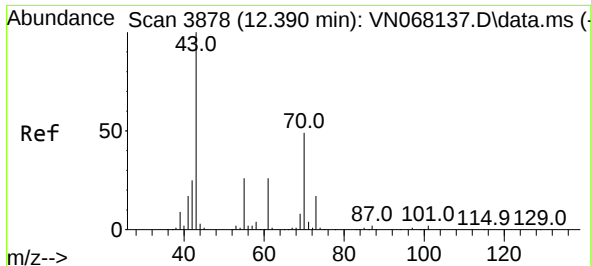
Tgt Ion:152 Resp: 427039
Ion Ratio Lower Upper
152 100
115 53.7 36.1 108.5
150 157.0 0.0 351.8



#73
Isopropylbenzene
Concen: 0.311 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:105 Resp: 9446
Ion Ratio Lower Upper
105 100
120 28.7 12.5 37.5

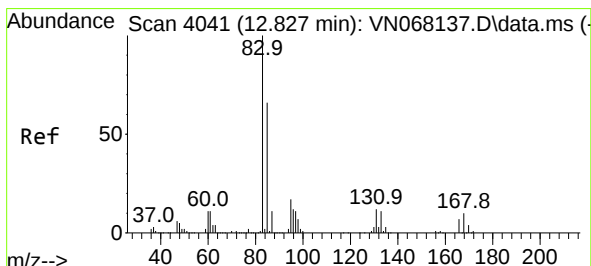
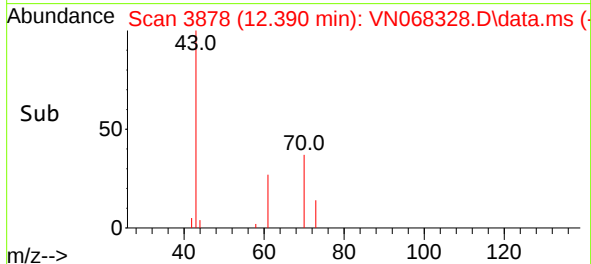
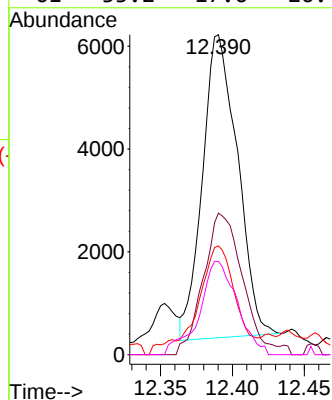
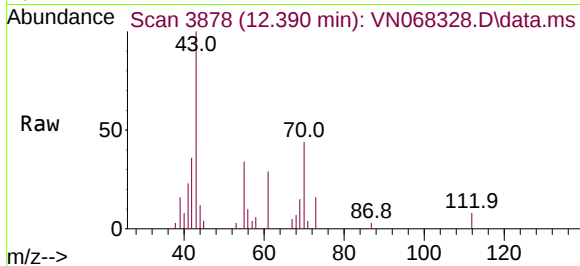




#74
N-amy1 acetate
Concen: 1.264 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

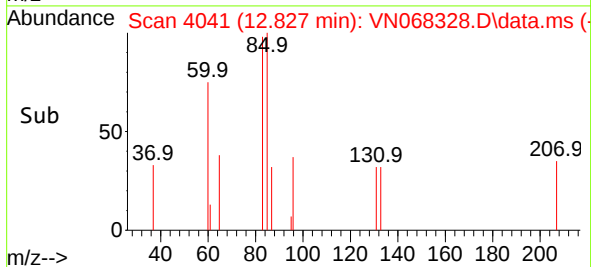
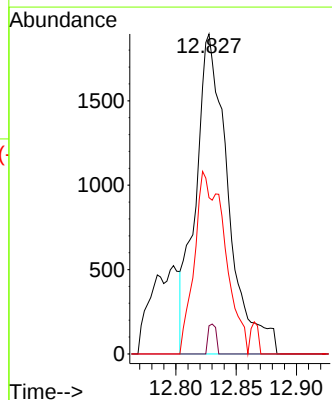
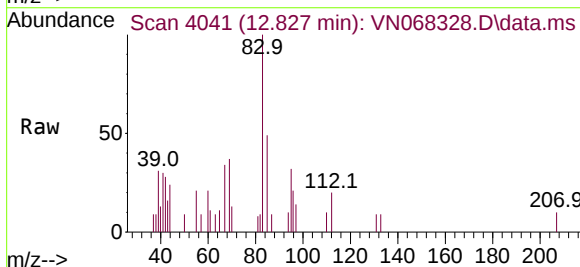
Instrument :
MSVOA_N
ClientSampled :
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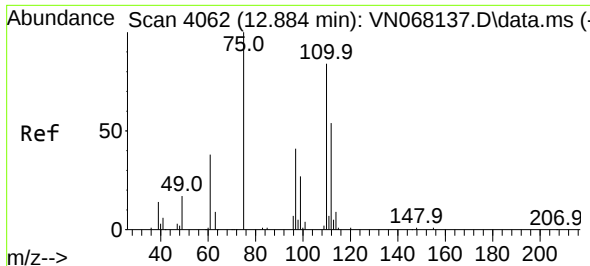
Tgt Ion:	43	Resp:	9994
Ion	Ratio	Lower	Upper
43	100		
70	52.5	29.4	44.2#
55	39.0	17.0	25.4#
61	33.2	17.6	26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.392 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:	83	Resp:	3569
Ion	Ratio	Lower	Upper
83	100		
131	2.3	4.8	14.4#
85	53.0	32.2	96.6

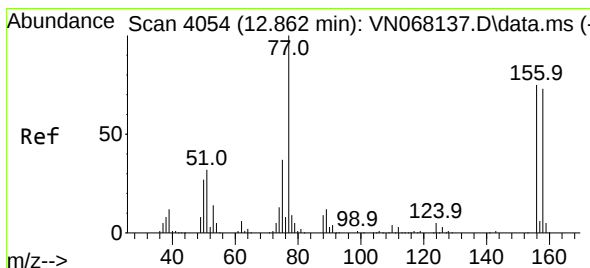
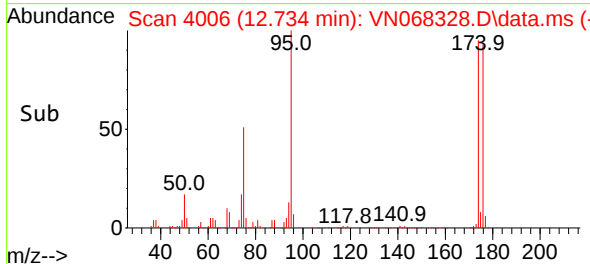
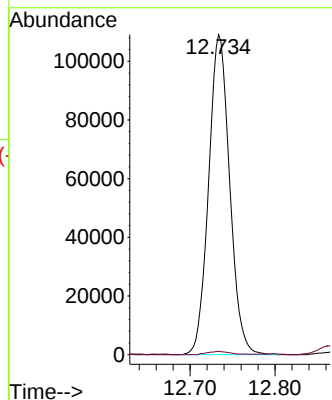
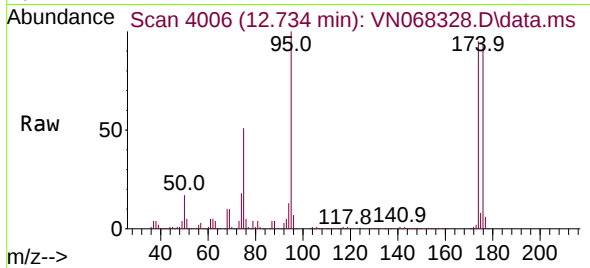




#76
1,2,3-Trichloropropane
Concen: 26.467 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

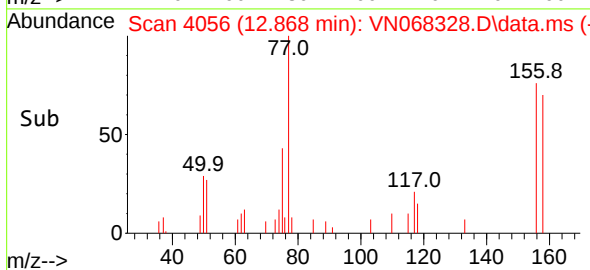
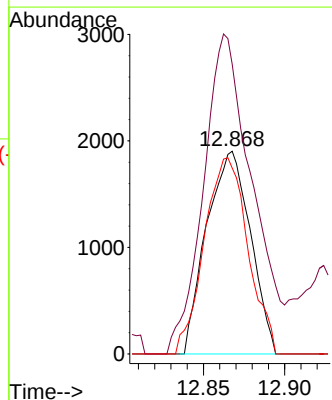
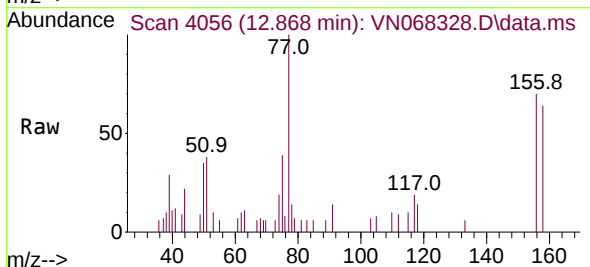
Instrument :
MSVOA_N
ClientSampled :
31113DL

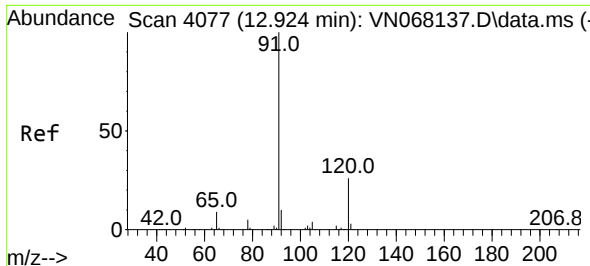
Tgt Ion: 75 Resp: 187861
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#77
Bromobenzene
Concen: 0.426 ug/l
RT: 12.868 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 156 Resp: 3567
Ion Ratio Lower Upper
156 100
77 174.7 136.2 408.6
158 96.5 48.4 145.3

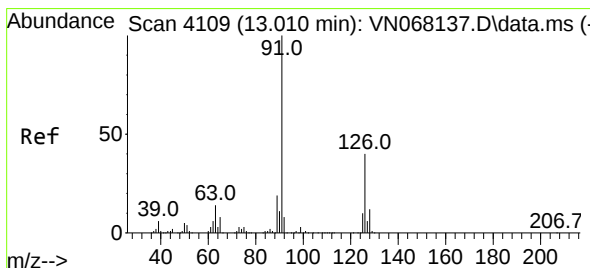
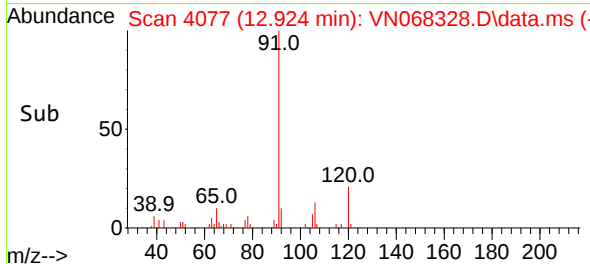
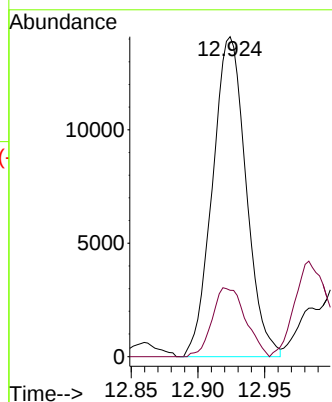
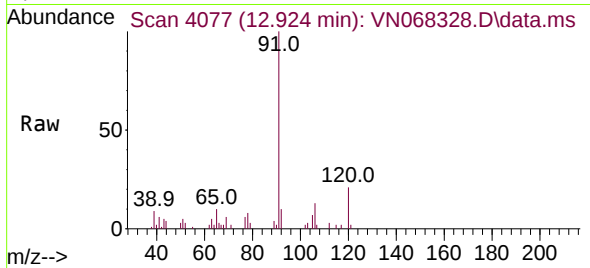




#78
n-propylbenzene
Concen: 0.756 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

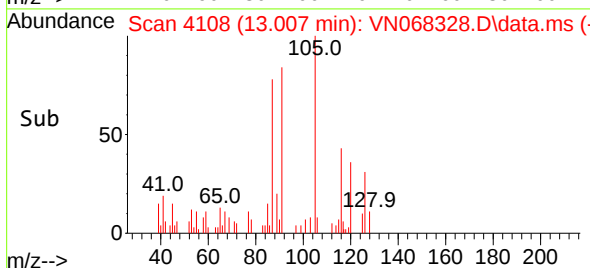
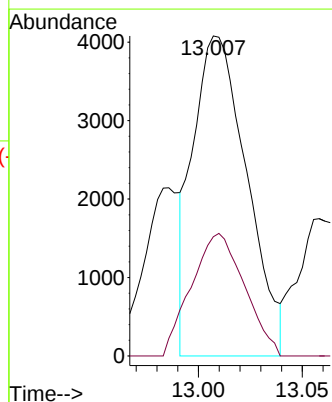
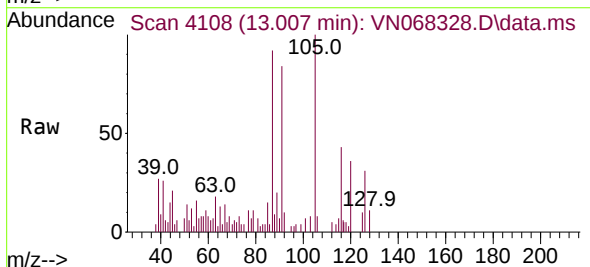
Instrument :
MSVOA_N
ClientSampled :
31113DL

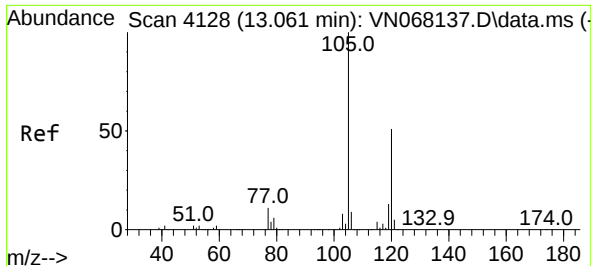
Tgt Ion: 91 Resp: 24636
Ion Ratio Lower Upper
91 100
120 21.4 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.365 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 91 Resp: 7345
Ion Ratio Lower Upper
91 100
126 37.8 14.5 43.5

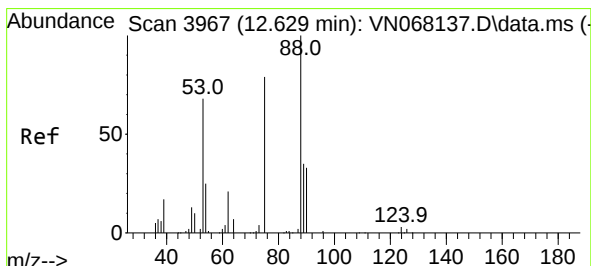
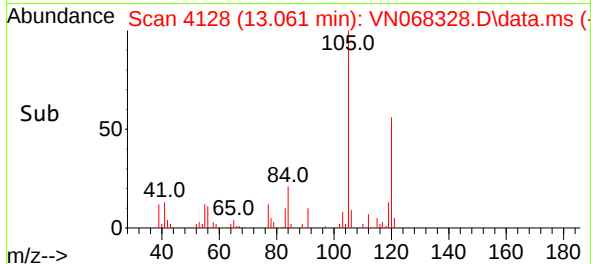
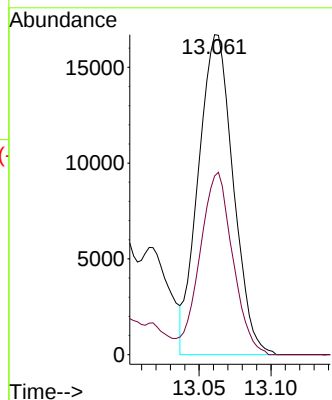
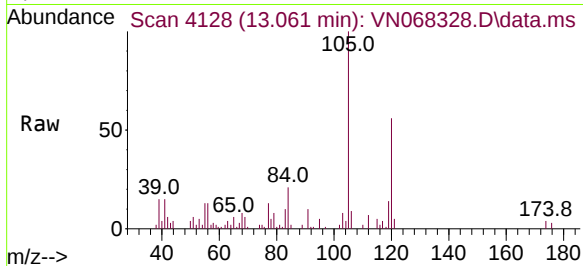




#80
1,3,5-Trimethylbenzene
Concen: 1.144 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

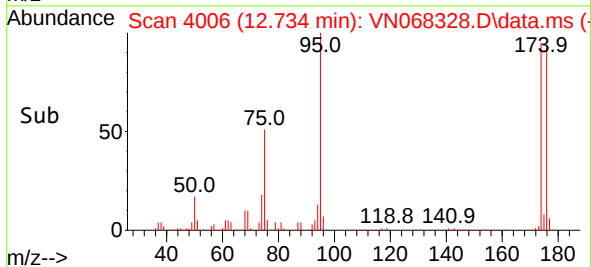
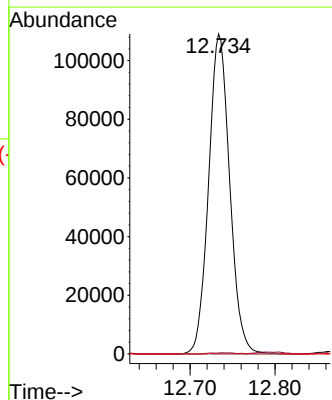
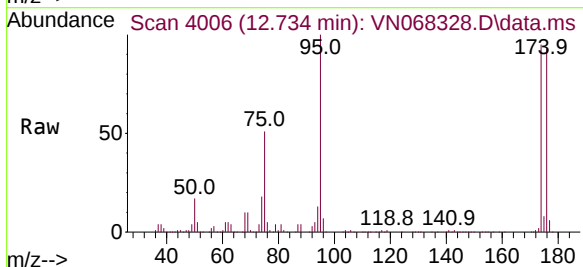
Instrument :
MSVOA_N
ClientSampled :
31113DL

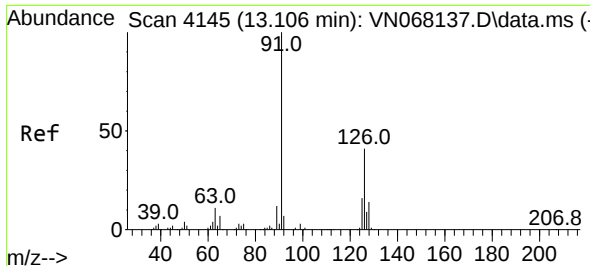
Tgt Ion:105 Resp: 28117
Ion Ratio Lower Upper
105 100
120 53.9 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 86.712 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 75 Resp: 187861
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

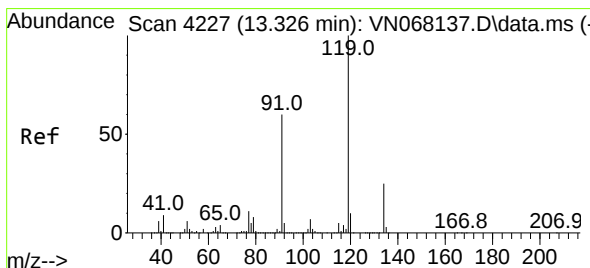
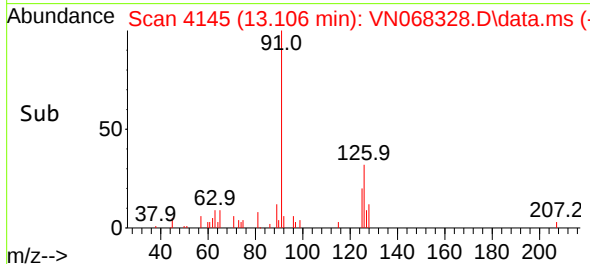
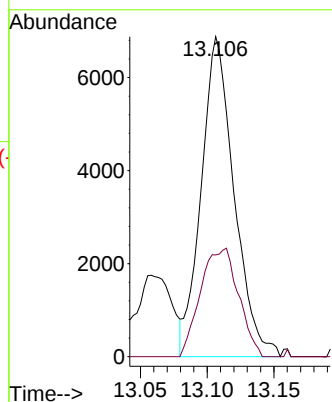
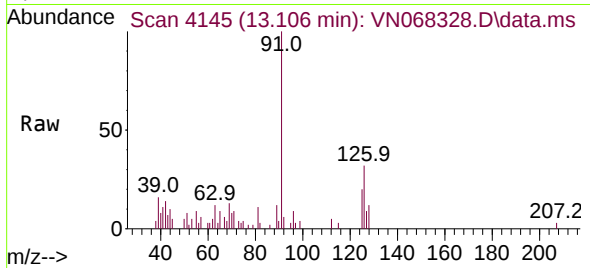




#82
4-Chlorotoluene
Concen: 0.602 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

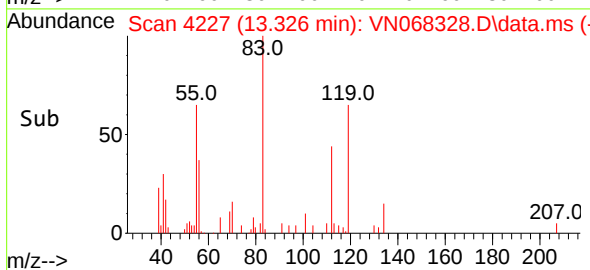
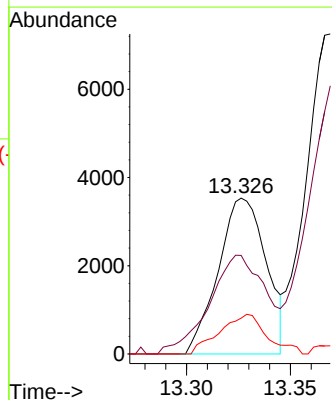
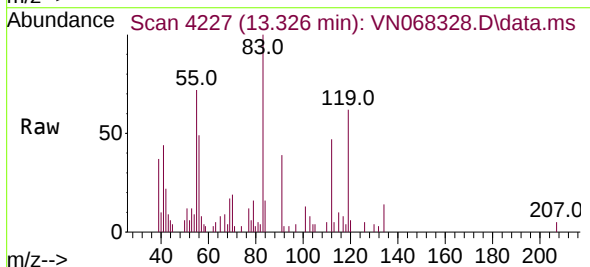
Instrument :
MSVOA_N
ClientSampled :
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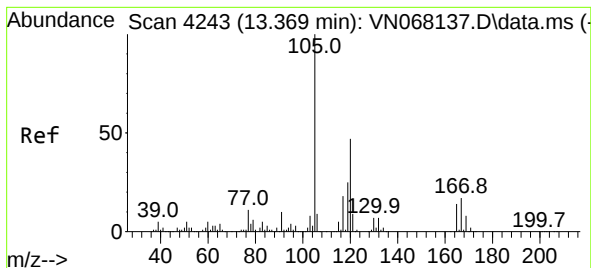
Tgt Ion: 91 Resp: 11770
Ion Ratio Lower Upper
91 100
126 39.1 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.260 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 119 Resp: 5665
Ion Ratio Lower Upper
119 100
91 74.6 39.5 118.5
134 25.0 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 3.876 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. 0.003 min

Lab File: VN068328.D

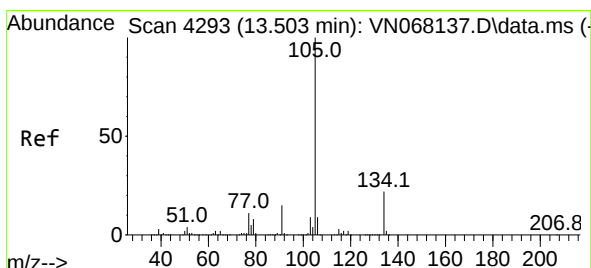
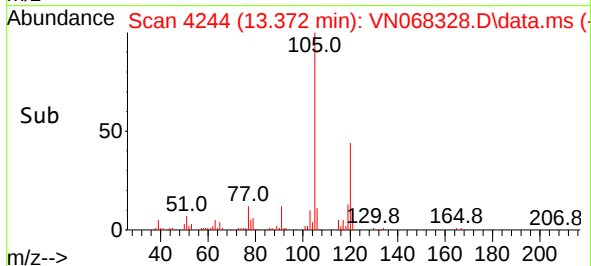
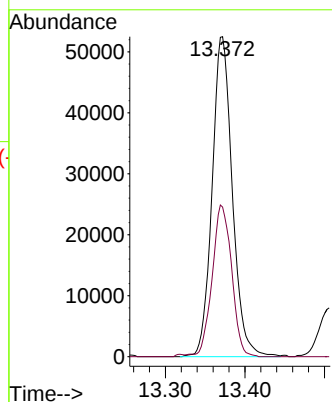
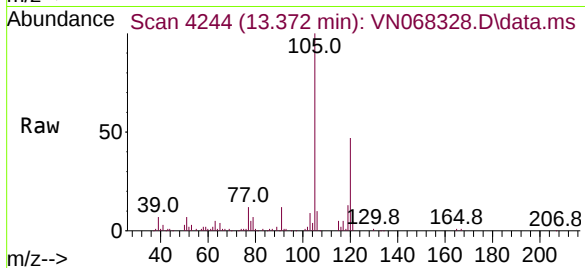
Acq: 26 Aug 2021 19:07

Tgt Ion:105 Resp: 92957

Ion Ratio Lower Upper

105 100

120 45.7 20.6 61.8



#85

sec-Butylbenzene

Concen: 0.459 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. 0.003 min

Lab File: VN068328.D

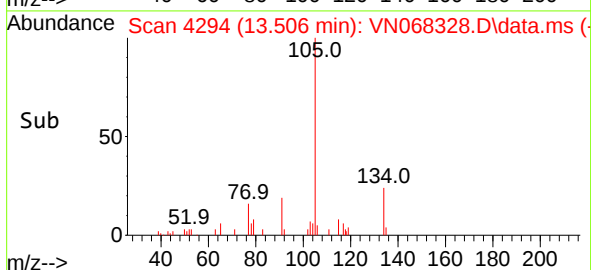
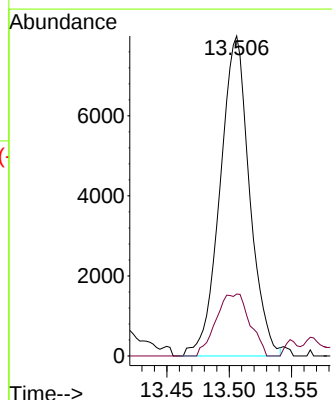
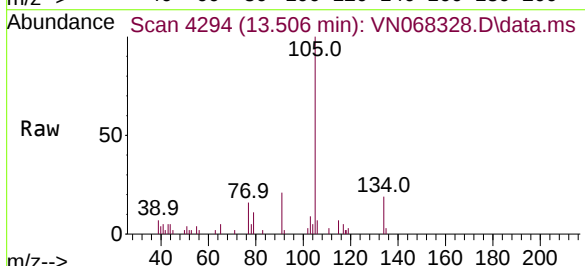
Acq: 26 Aug 2021 19:07

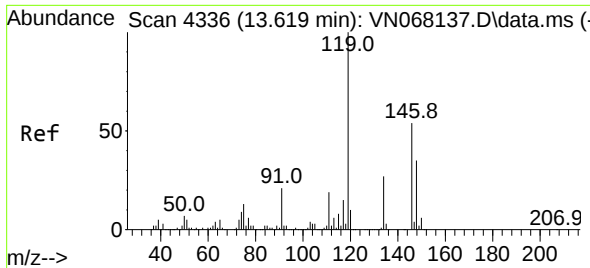
Tgt Ion:105 Resp: 13172

Ion Ratio Lower Upper

105 100

134 22.1 9.0 27.1

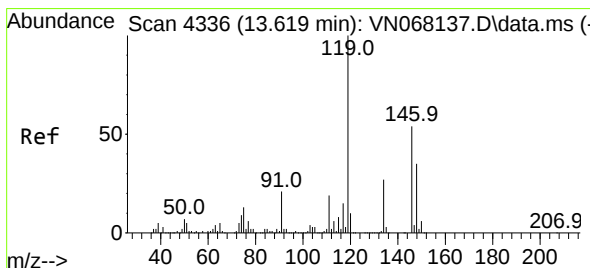
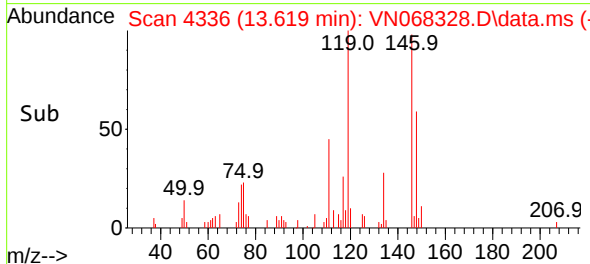
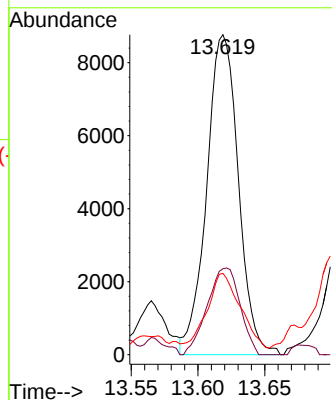
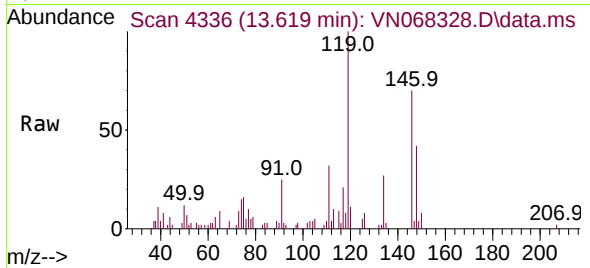




#86
p-Isopropyltoluene
Concen: 0.611 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

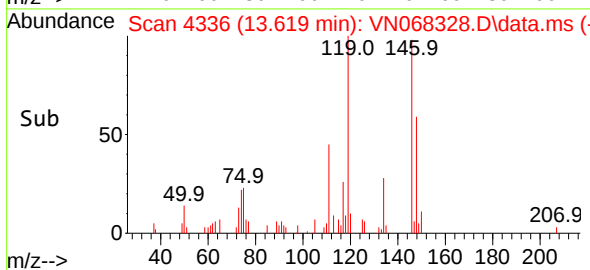
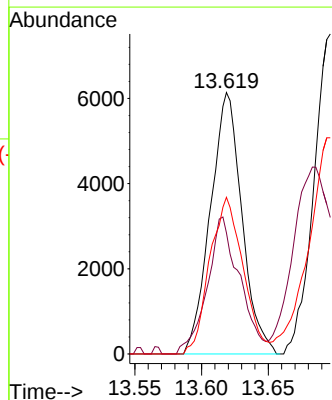
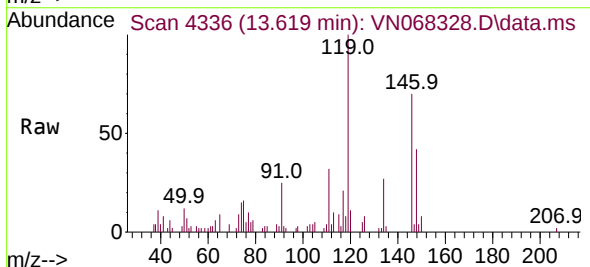
Instrument :
MSVOA_N
ClientSampleId :
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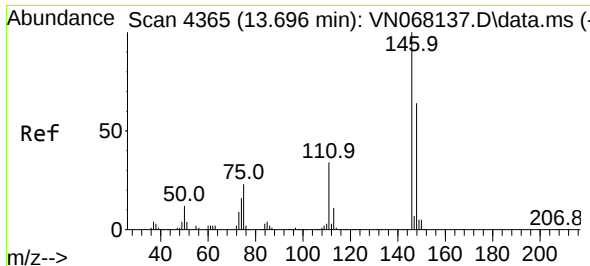
Tgt Ion:	119	Resp:	14494
Ion	Ratio	Lower	Upper
119	100		
134	28.0	12.4	37.4
91	24.0	14.8	44.3



#87
1,3-Dichlorobenzene
Concen: 0.706 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:	146	Resp:	10079
Ion	Ratio	Lower	Upper
146	100		
111	53.9	24.3	72.8
148	63.5	32.0	96.0

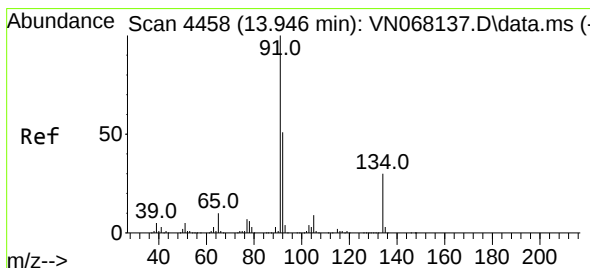
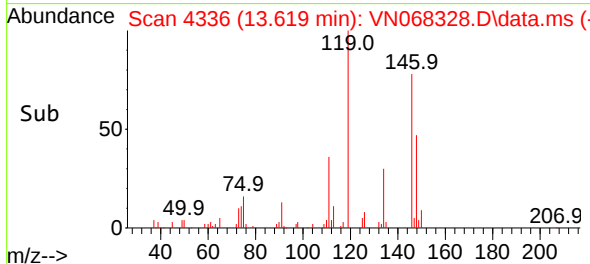
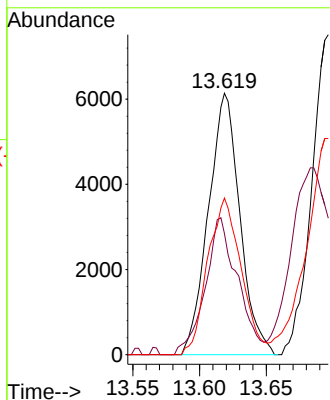
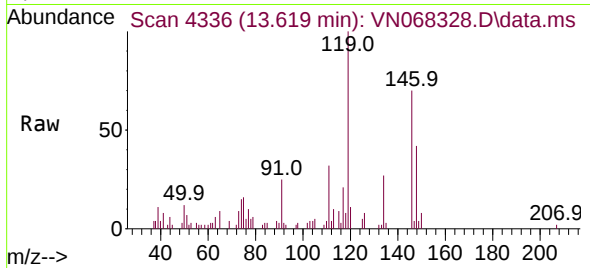




#88
1,4-Dichlorobenzene
Concen: 0.697 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.077 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

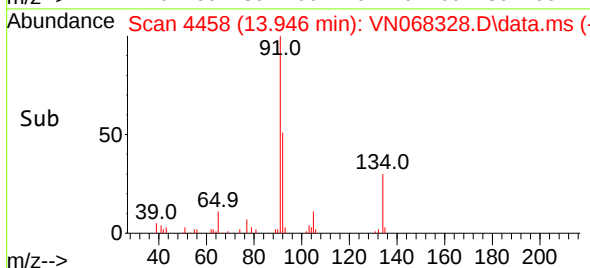
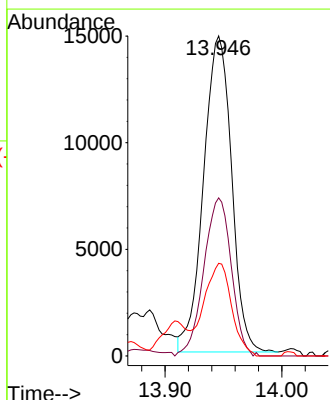
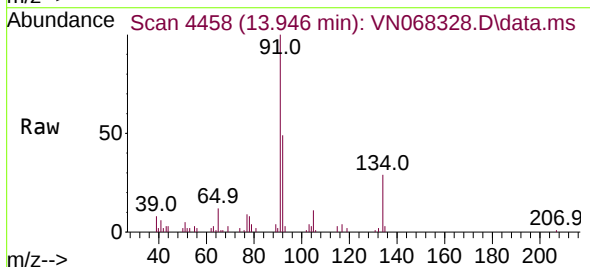
Instrument :
MSVOA_N
ClientSampleId :
31113DL

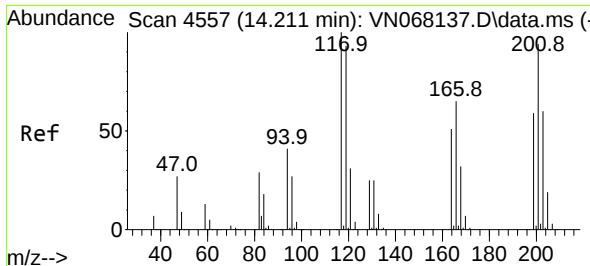
Tgt Ion:146 Resp: 10079
Ion Ratio Lower Upper
146 100
111 53.9 23.4 70.2
148 63.5 31.8 95.3



#89
n-Butylbenzene
Concen: 1.397 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 91 Resp: 24713
Ion Ratio Lower Upper
91 100
92 49.1 25.7 77.1
134 28.9 11.2 33.6

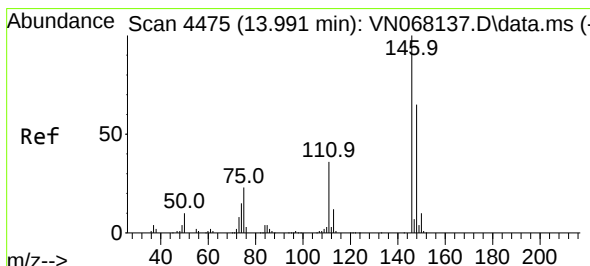
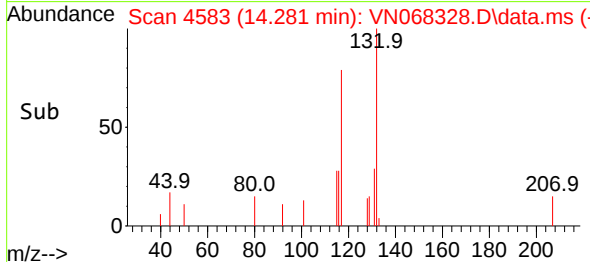
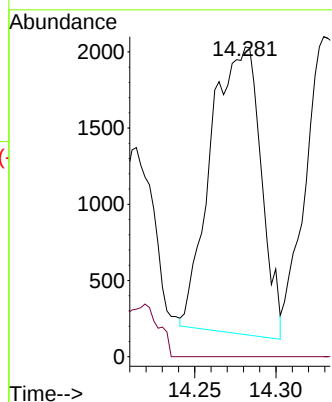
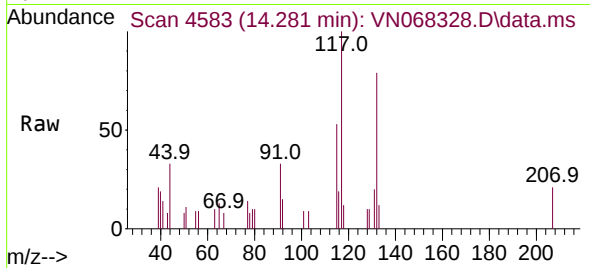




#90
Hexachloroethane
Concen: 0.913 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.070 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

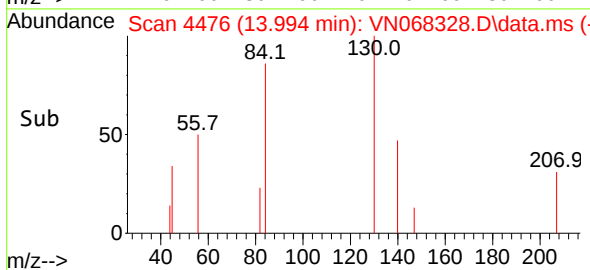
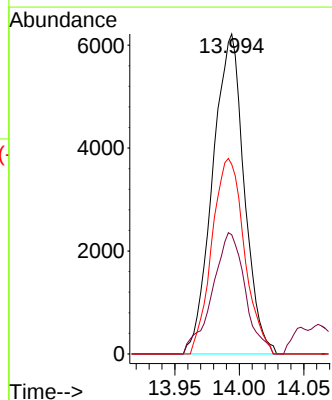
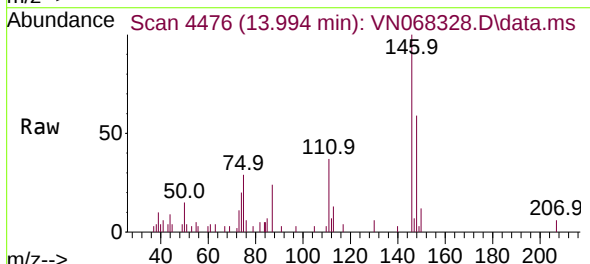
Instrument :
MSVOA_N
ClientSampled :
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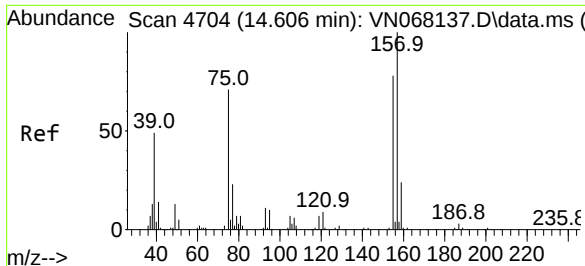
Tgt Ion:117 Resp: 4019
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#91
1,2-Dichlorobenzene
Concen: 0.776 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:146 Resp: 10544
Ion Ratio Lower Upper
146 100
111 39.4 24.9 74.6
148 63.0 31.6 95.0

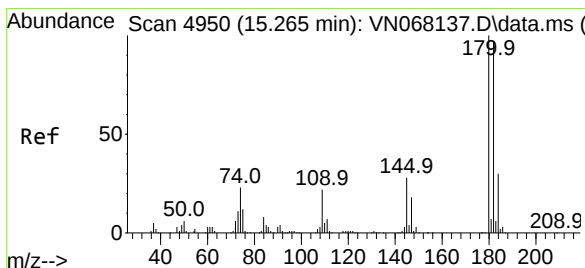
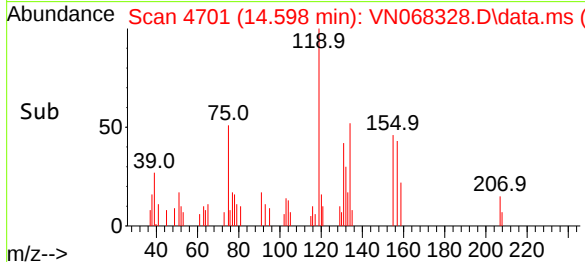
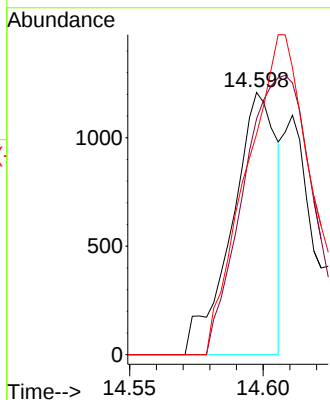
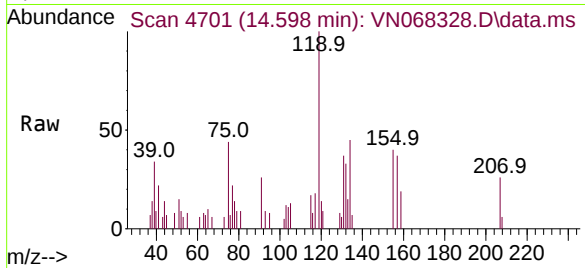




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.012 ug/l
RT: 14.598 min Scan# 4701
Delta R.T. -0.008 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

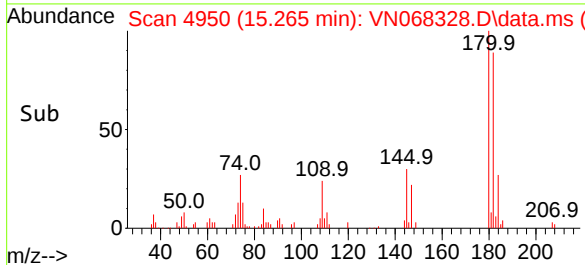
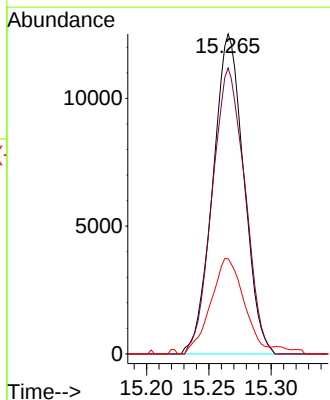
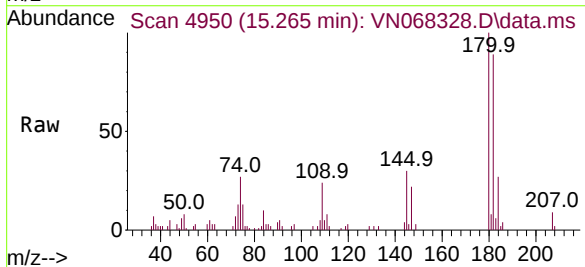
Instrument :
MSVOA_N
ClientSampleId :
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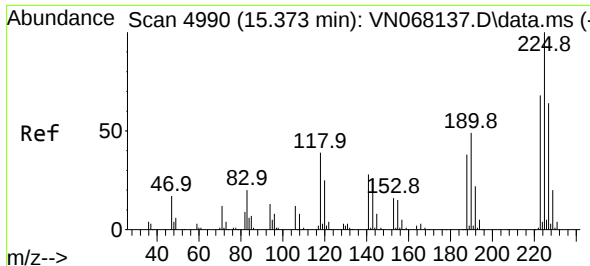
Tgt Ion: 75 Resp: 1396
Ion Ratio Lower Upper
75 100
155 163.7 29.8 89.5#
157 177.8 37.6 112.8#



#93
1,2,4-Trichlorobenzene
Concen: 5.556 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:180 Resp: 21613
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 32.3 17.2 51.6

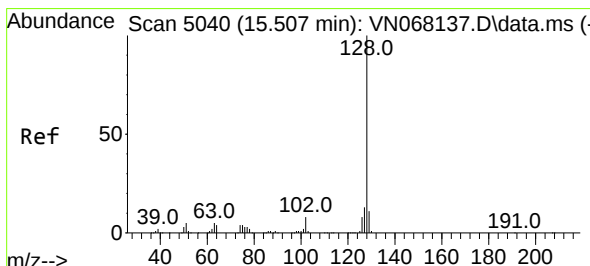
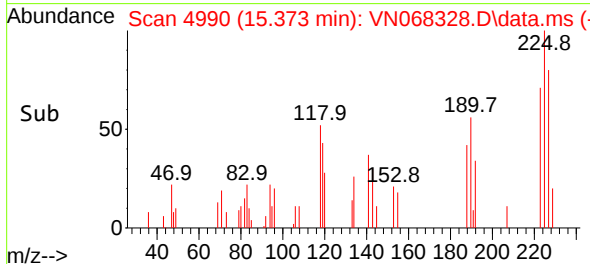
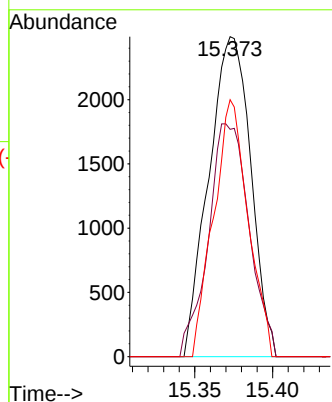
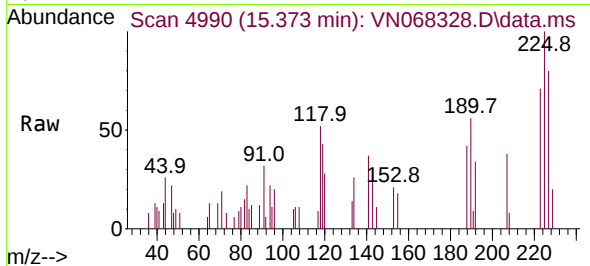




#94
Hexachlorobutadiene
Concen: 1.267 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

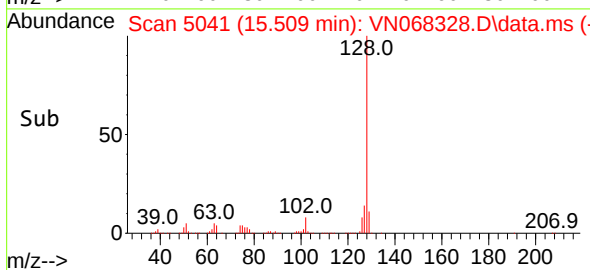
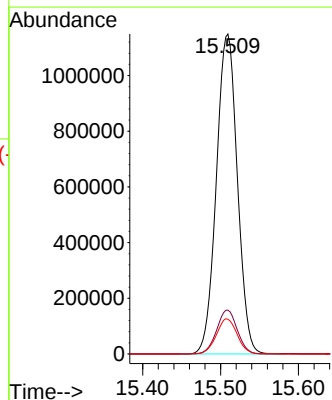
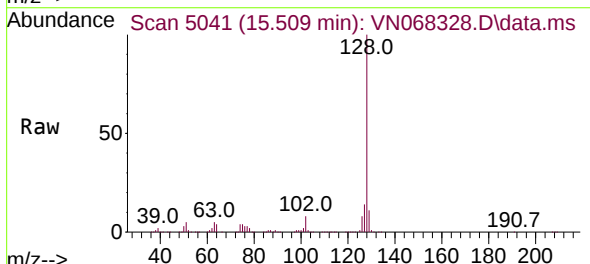
Instrument :
MSVOA_N
ClientSampleId :
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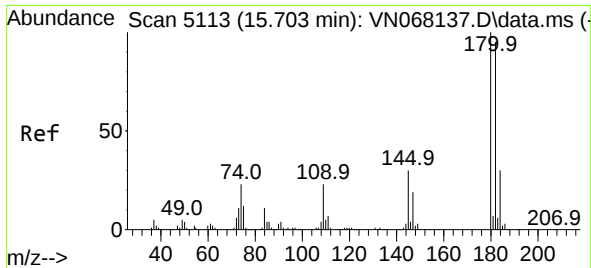
Tgt Ion:225 Resp: 4661
Ion Ratio Lower Upper
225 100
223 71.0 31.4 94.0
227 65.9 31.2 93.6



#95
Naphthalene
Concen: 122.916 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:128 Resp: 2148047
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 6.861 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.002 min
 Lab File: VN068328.D
 Acq: 26 Aug 2021 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 31113DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.8	143.3
145	31.3	18.2	54.6

