

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066378.D
 Acq On : 29 Mar 2021 15:48
 Operator : JC/MD
 Sample : M1835-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Mar 30 01:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	455455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	693489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	581926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	223116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	320122	52.87	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.74%
35) Dibromofluoromethane	7.507	113	247635	53.86	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.72%
50) Toluene-d8	10.028	98	946221	54.26	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.52%
62) 4-Bromofluorobenzene	12.345	95	272769	45.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.06%

Target Compounds				Qvalue		
3) Chloromethane	2.019	50	3339	Below Cal		96
4) Vinyl Chloride	2.183	62	59	0.01 ug/l #		43
5) Bromomethane	2.526	94	858	0.19 ug/l #		20
6) Chloroethane	2.644	64	53	0.01 ug/l #		42
8) Diethyl Ether	3.159	74	81	0.02 ug/l		86
11) Tert butyl alcohol	4.725	59	360	0.39 ug/l #		42
12) 1,1-Dichloroethene	3.639	96	55	0.01 ug/l #		1
13) Acrolein	3.529	56	4595	Below Cal		89
14) Allyl chloride	4.208	41	505	0.05 ug/l #		74
15) Acrylonitrile	4.894	53	79	0.03 ug/l #		1
16) Acetone	3.738	43	7603	2.32 ug/l		99
17) Carbon Disulfide	3.969	76	1398	0.09 ug/l		99
18) Methyl Acetate	4.224	43	274	0.03 ug/l #		1
19) Methyl tert-butyl Ether	4.932	73	1700	0.11 ug/l #		75
20) Methylene Chloride	4.452	84	1163	Below Cal		43
21) trans-1,2-Dichloroethene	4.935	96	57	0.01 ug/l #		1
22) Diisopropyl ether	5.873	45	26	0.00 ug/l #		75
23) Vinyl Acetate	5.795	43	258	0.02 ug/l #		74
25) 2-Butanone	6.758	43	260	0.07 ug/l #		49
26) 2,2-Dichloropropane	6.697	77	75	0.01 ug/l #		52
27) cis-1,2-Dichloroethene	6.565	96	25	0.00 ug/l #		1
29) Tetrahydrofuran	7.134	42	120	0.05 ug/l #		33
31) Cyclohexane	7.582	56	10007	1.19 ug/l #		11
32) 1,1,1-Trichloroethane	7.574	97	174	0.02 ug/l #		1
36) 1,1-Dichloropropene	7.582	75	33815	5.19 ug/l #		48
37) Ethyl Acetate	6.833	43	275	0.04 ug/l #		69
38) Carbon Tetrachloride	7.582	117	41424	6.32 ug/l #		16
40) Benzene	7.965	78	2735	0.14 ug/l #		81
41) Methacrylonitrile	7.080	41	75	0.02 ug/l #		4
42) 1,2-Dichloroethane	8.043	62	535	0.08 ug/l #		76
43) Isopropyl Acetate	8.102	43	77	0.01 ug/l #		61
48) Methyl methacrylate	9.135	41	58	0.01 ug/l #		12
51) 4-Methyl-2-Pentanone	9.923	43	218	0.03 ug/l #		37
52) Toluene	10.092	92	1123	0.09 ug/l		89
53) t-1,3-Dichloropropene	10.446	75	25	0.00 ug/l #		1
54) cis-1,3-Dichloropropene	10.006	75	87	0.01 ug/l #		15

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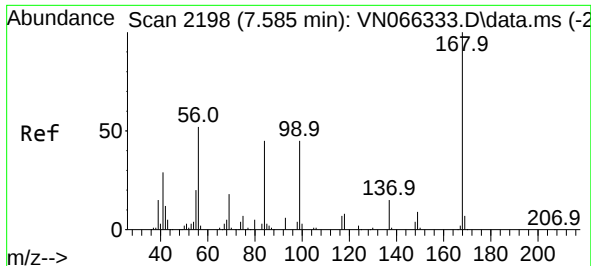
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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) Ethyl methacrylate	10.138	69	26	0.00	ug/l #	1
59) 2-Hexanone	10.682	43	320	0.06	ug/l #	25
67) Ethyl Benzene	11.454	91	415	0.02	ug/l #	44
68) m/p-Xylenes	11.564	106	240	0.03	ug/l #	61
70) Styrene	11.905	104	104	0.01	ug/l #	25
71) Bromoform	12.342	173	2458	0.66	ug/l #	1
73) Isopropylbenzene	12.337	105	170	0.01	ug/l #	48
74) N-amyl acetate	12.010	43	261	3.23	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.345	83	195	0.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.345	75	139272	28.45	ug/l #	100
78) n-propylbenzene	12.543	91	186	0.01	ug/l #	52
79) 2-Chlorotoluene	12.629	91	105	0.01	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.597	105	29	0.00	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.345	75	139272	85.55	ug/l #	12
82) 4-Chlorotoluene	12.766	91	54	0.00	ug/l #	41
83) tert-Butylbenzene	12.938	119	50	0.00	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.999	105	149	0.01	ug/l #	30
85) sec-Butylbenzene	13.152	105	27	0.00	ug/l #	57
86) p-Isopropyltoluene	13.241	119	306	0.02	ug/l #	72
87) 1,3-Dichlorobenzene	13.300	146	25	0.00	ug/l #	1
88) 1,4-Dichlorobenzene	13.300	146	25	0.00	ug/l #	1
89) n-Butylbenzene	13.560	91	128	0.01	ug/l #	46
90) Hexachloroethane	13.820	117	156	0.06	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	14.217	75	70	0.07	ug/l #	1
95) Naphthalene	15.091	128	1107	1.13	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.271	180	166	0.04	ug/l #	24

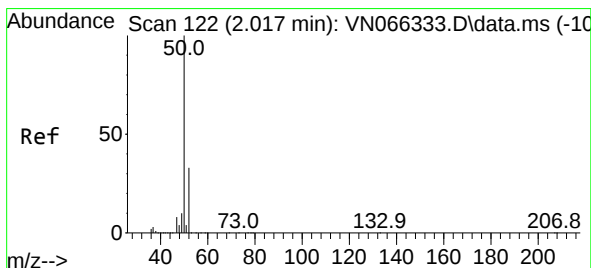
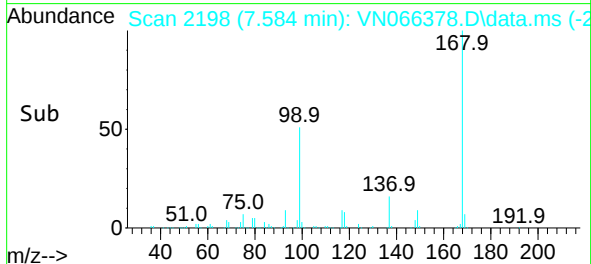
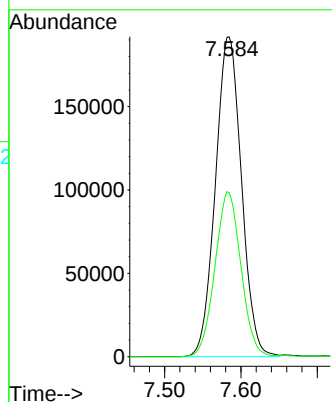
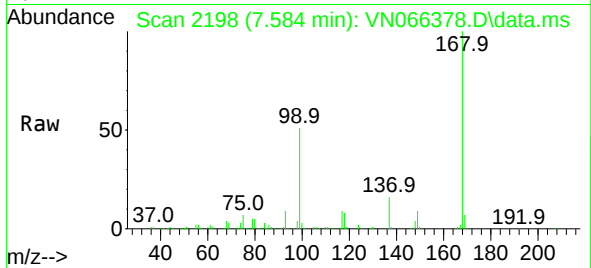
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

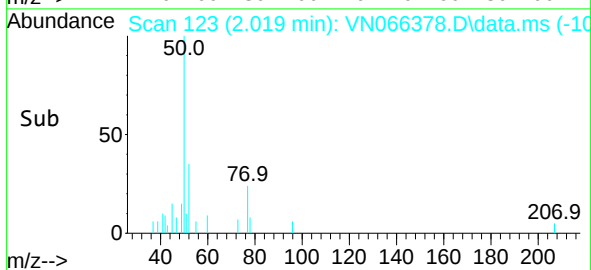
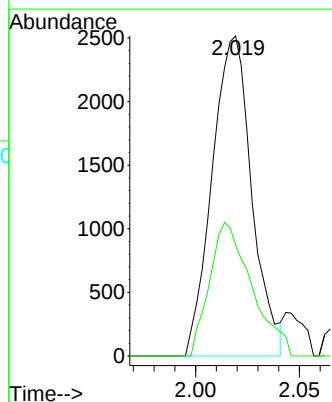
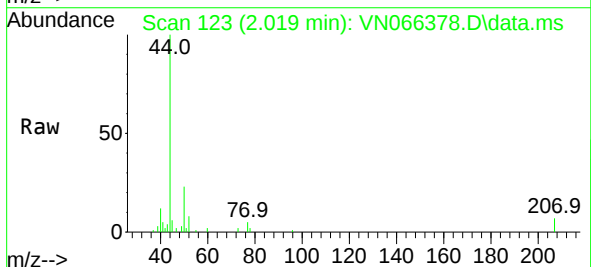
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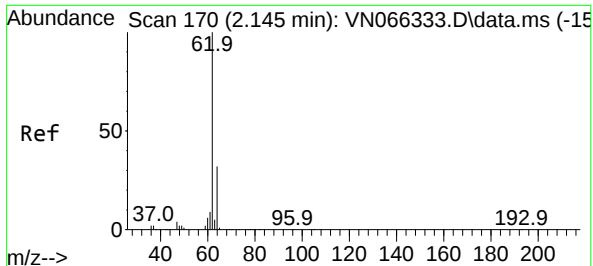
Tgt Ion:168 Resp: 455455
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.019 min Scan# 123
Delta R.T. 0.002 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 50 Resp: 3339
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.2

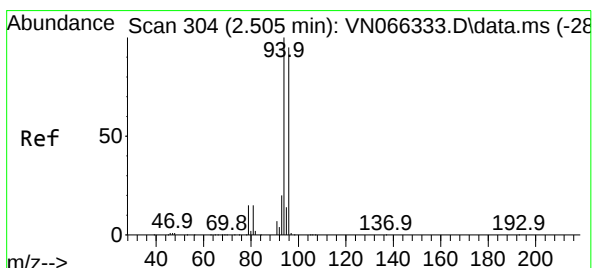
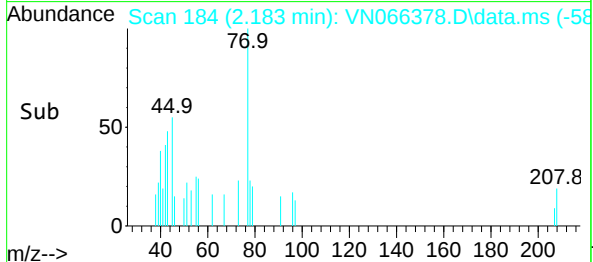
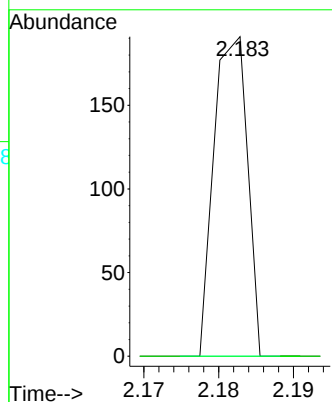
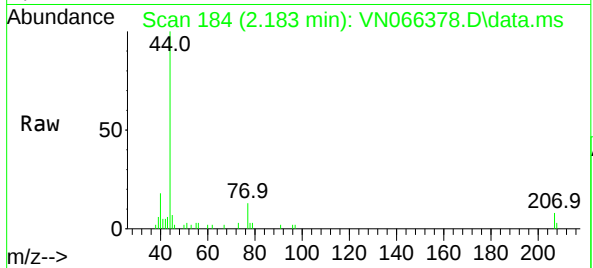




#4
 Vinyl Chloride
 Concen: 0.01 ug/l
 RT: 2.183 min Scan# 184
 Delta R.T. 0.037 min
 Lab File: VN066378.D
 Acq: 29 Mar 2021 15:48

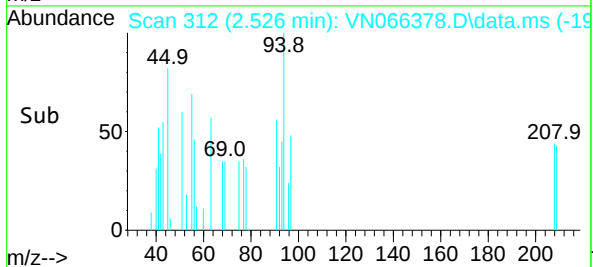
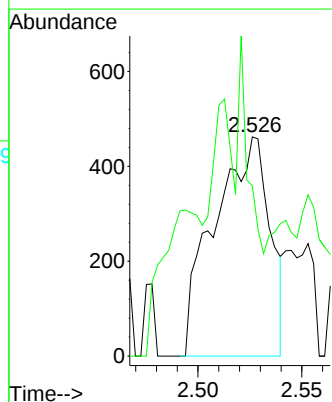
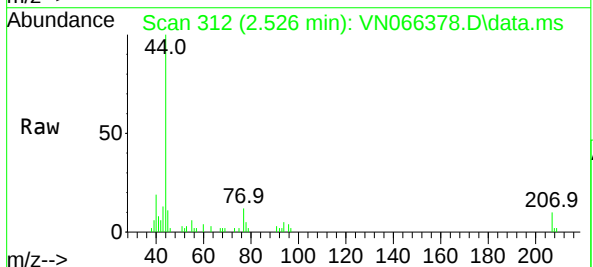
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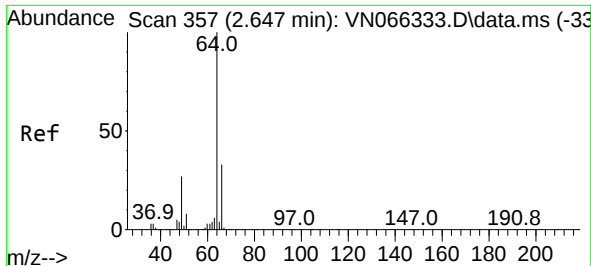
Tgt Ion: 62 Resp: 59
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.6 38.4#



#5
 Bromomethane
 Concen: 0.19 ug/l
 RT: 2.526 min Scan# 312
 Delta R.T. 0.021 min
 Lab File: VN066378.D
 Acq: 29 Mar 2021 15:48

Tgt Ion: 94 Resp: 858
 Ion Ratio Lower Upper
 94 100
 96 17.3 75.8 113.6#

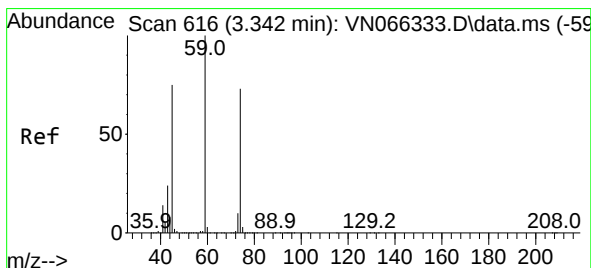
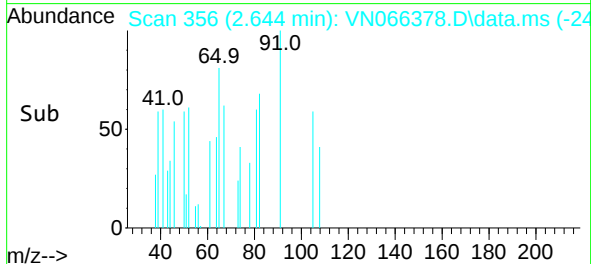
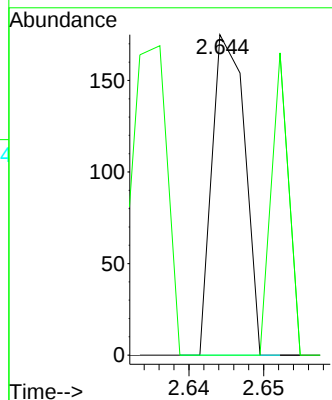
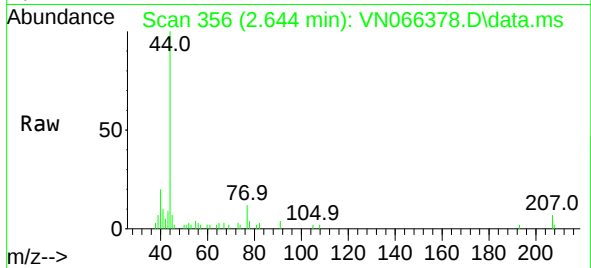




#6
Chloroethane
Concen: 0.01 ug/l
RT: 2.644 min Scan# 356
Delta R.T. -0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

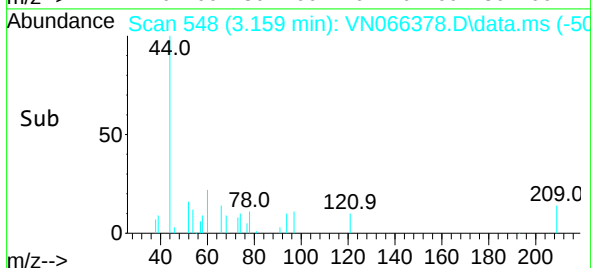
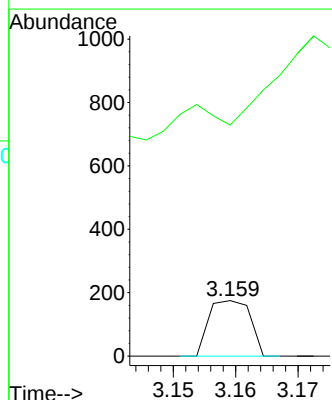
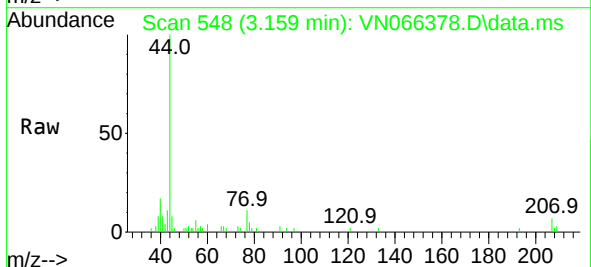
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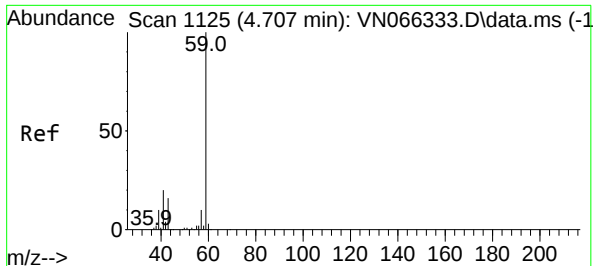
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 0.02 ug/l
RT: 3.159 min Scan# 548
Delta R.T. -0.183 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 74 Resp: 81
Ion Ratio Lower Upper
74 100
45 88.9 51.6 154.8



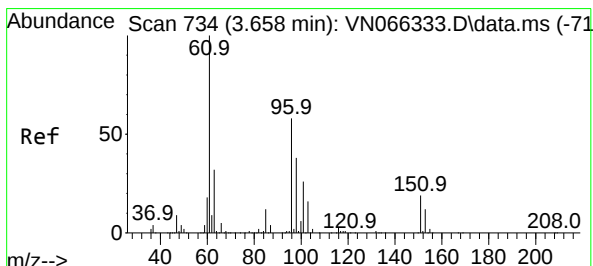
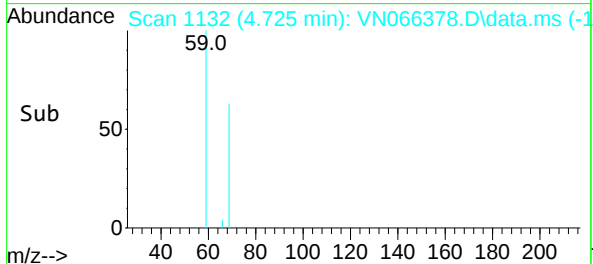
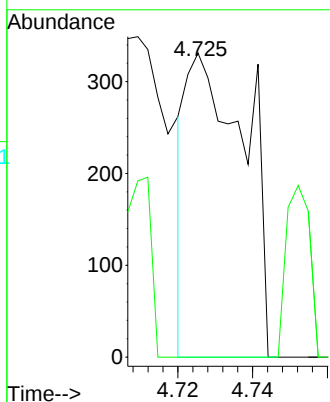
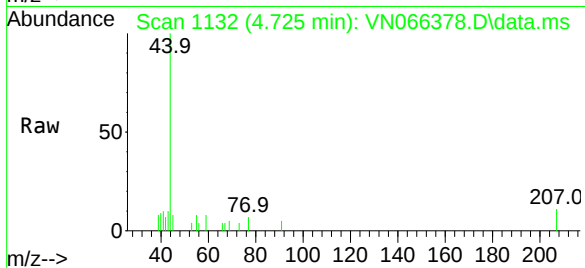


#11

Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.725 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Instrument :
MSVOA_N
ClientSampleId :
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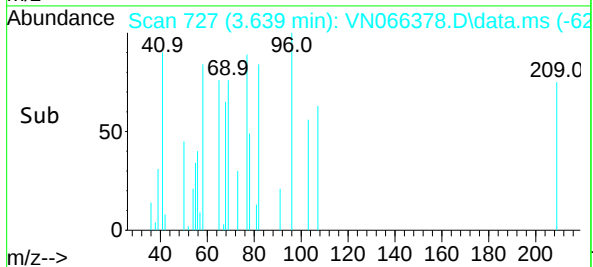
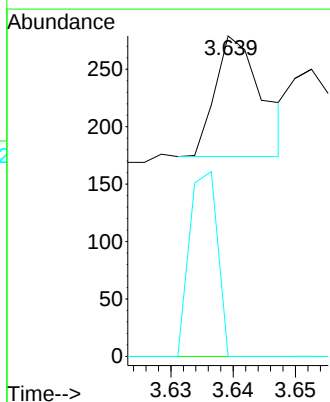
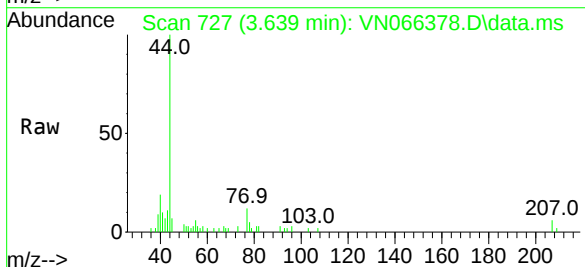
Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 24.4 4.1 6.1#

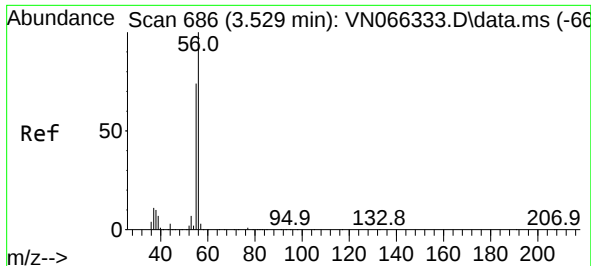


#12

1,1-Dichloroethene
Concen: 0.01 ug/l
RT: 3.639 min Scan# 727
Delta R.T. -0.019 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 137.0 205.4#
98 0.0 51.5 77.3#

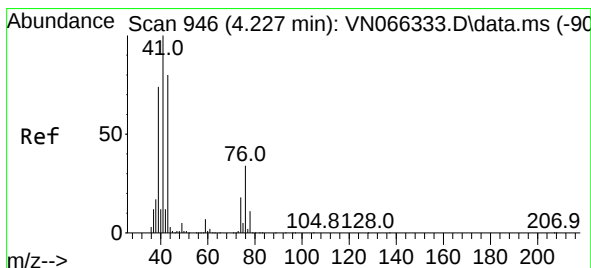
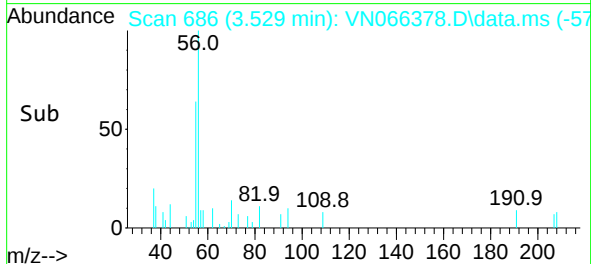
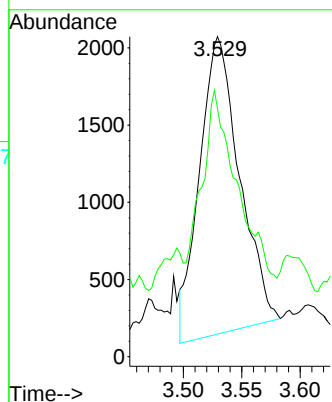
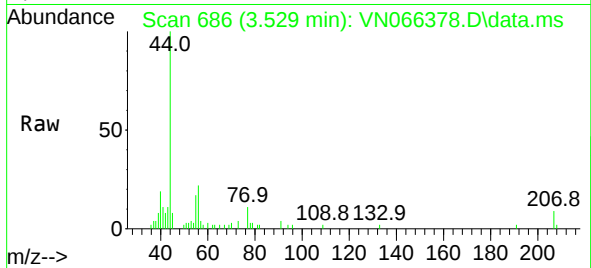




#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

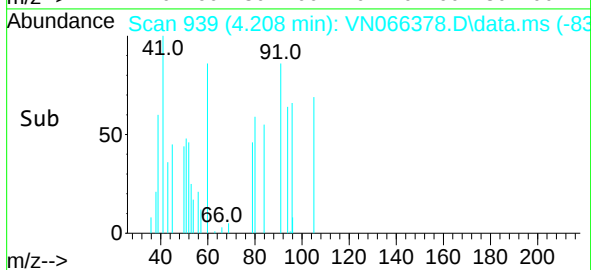
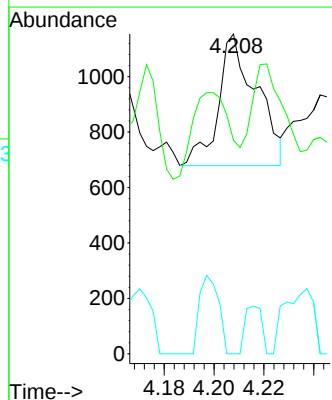
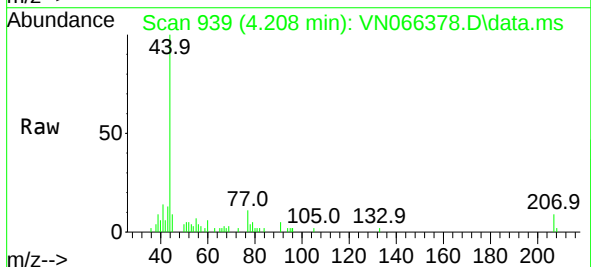
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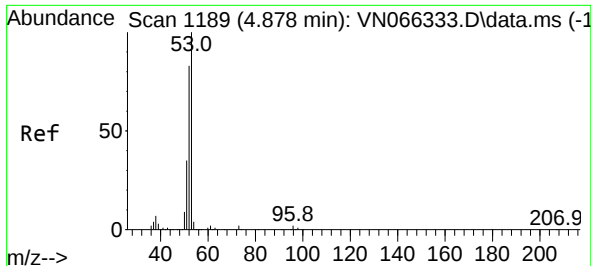
Tgt Ion: 56 Resp: 4595
Ion Ratio Lower Upper
56 100
55 63.0 57.9 86.9



#14
Allyl chloride
Concen: 0.05 ug/l
RT: 4.208 min Scan# 939
Delta R.T. -0.019 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 41 Resp: 505
Ion Ratio Lower Upper
41 100
39 47.9 55.3 82.9#
76 15.8 24.6 36.8#





#15

Acrylonitrile

Concen: 0.03 ug/l

RT: 4.894 min Scan# 1195

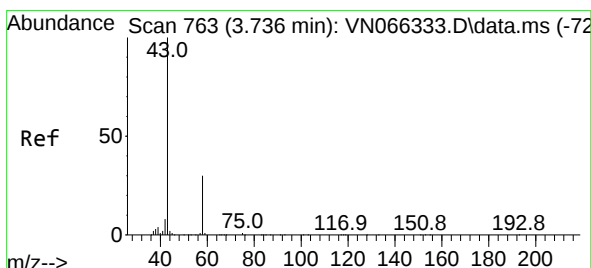
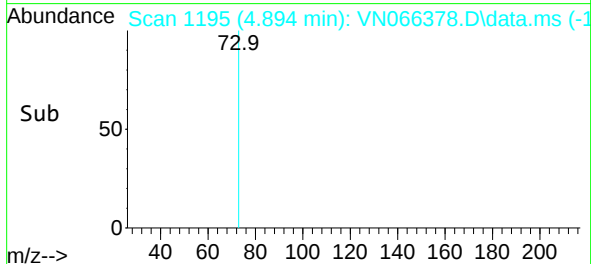
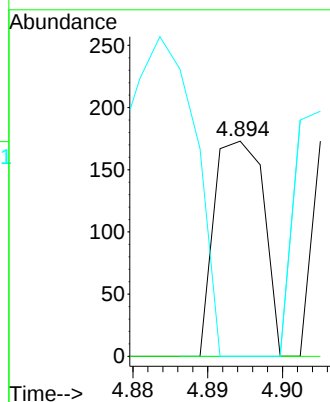
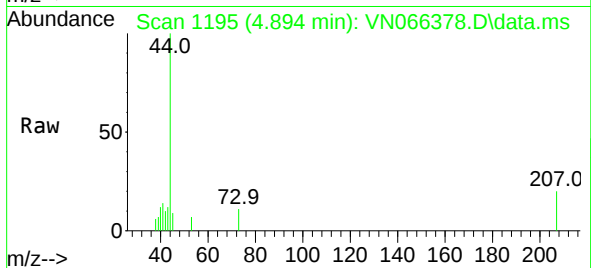
Delta R.T. 0.016 min

Lab File: VN066378.D

Acq: 29 Mar 2021 15:48

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tgt Ion: 53	Resp: 79
Ion Ratio	Lower Upper
53	100
52	0.0 66.6 99.8#
51	277.2 29.4 44.0#



#16

Acetone

Concen: 2.32 ug/l

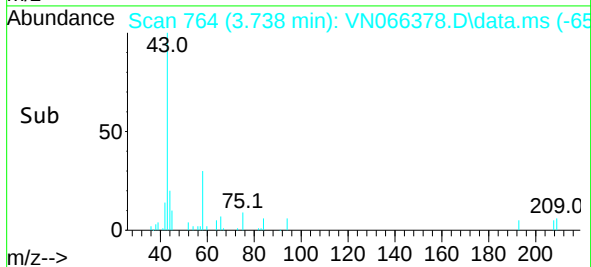
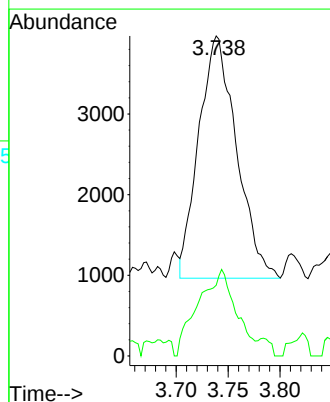
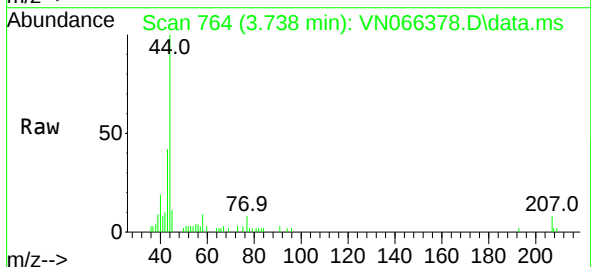
RT: 3.738 min Scan# 764

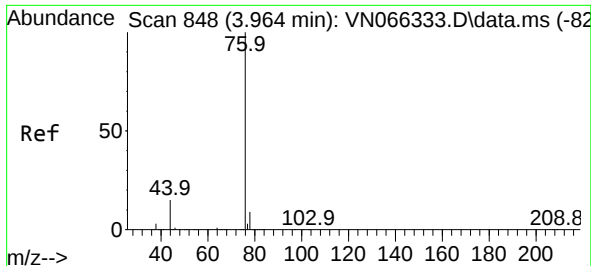
Delta R.T. 0.003 min

Lab File: VN066378.D

Acq: 29 Mar 2021 15:48

Tgt Ion: 43	Resp: 7603
Ion Ratio	Lower Upper
43	100
58	29.2 23.8 35.8

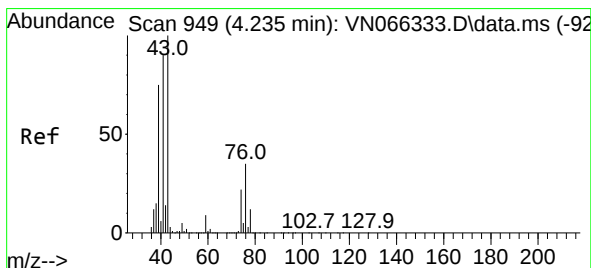
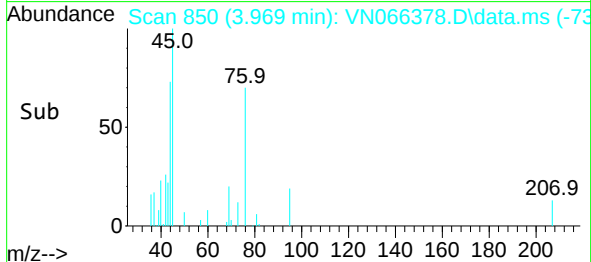
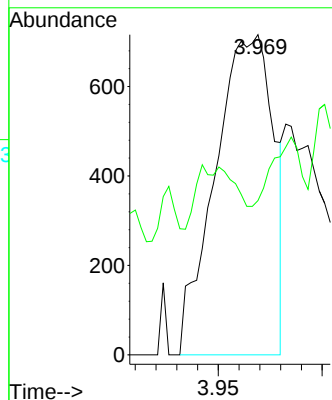
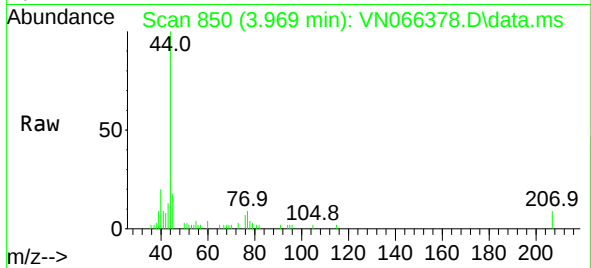




#17
Carbon Disulfide
Concen: 0.09 ug/l
RT: 3.969 min Scan# 850
Delta R.T. 0.005 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

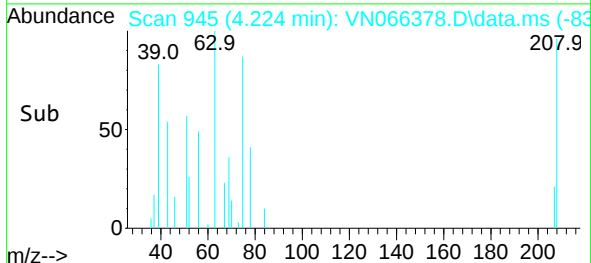
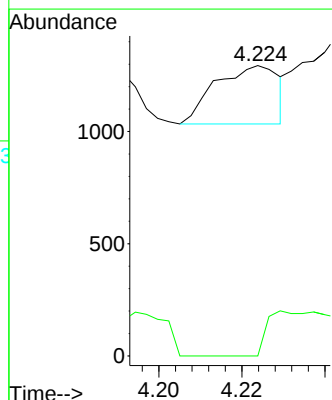
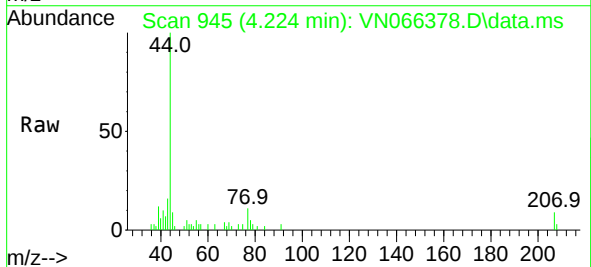
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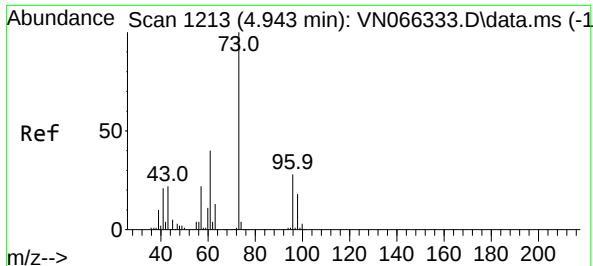
Tgt Ion: 76 Resp: 1398
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 0.03 ug/l
RT: 4.224 min Scan# 945
Delta R.T. -0.011 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 86.5 17.6 26.4#



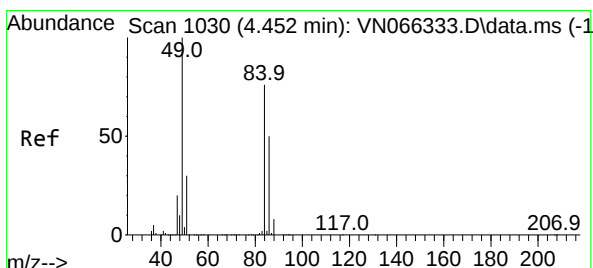
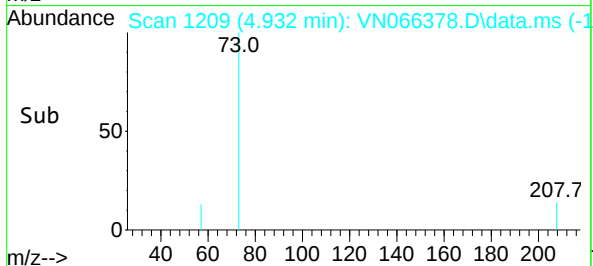
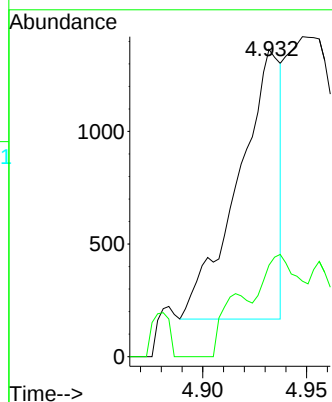
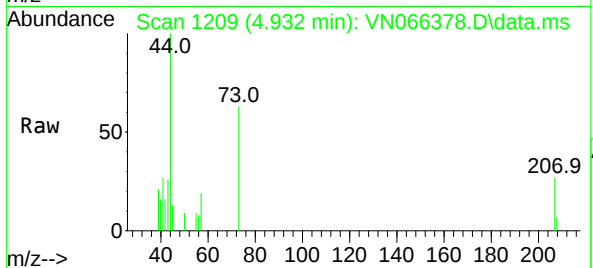


#19

Methyl tert-butyl Ether
Concen: 0.11 ug/l
RT: 4.932 min Scan# 1209
Delta R.T. -0.011 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Instrument :
MSVOA_N
ClientSampled :
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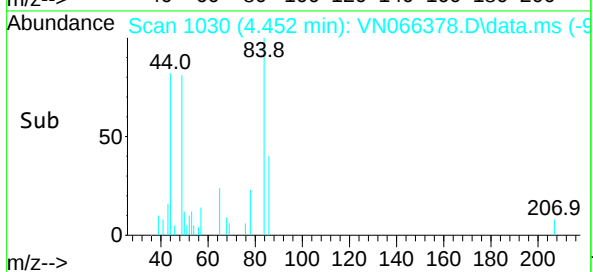
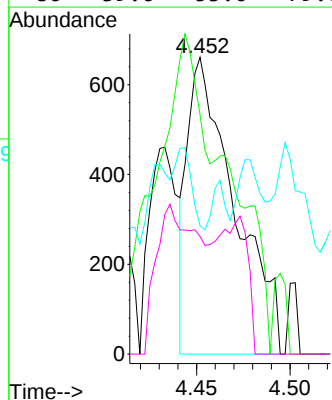
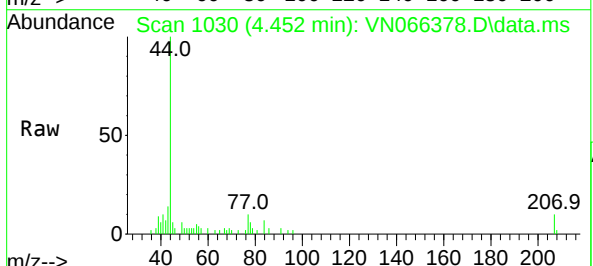
Tgt Ion: 73 Resp: 1700
Ion Ratio Lower Upper
73 100
57 33.9 17.6 26.4#

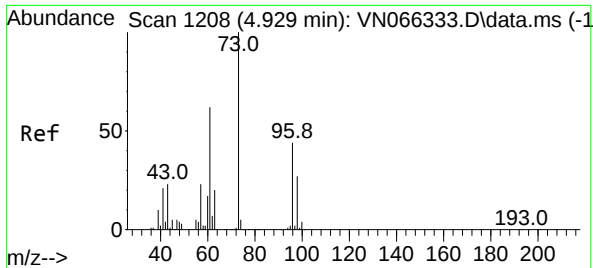


#20

Methylene Chloride
Concen: Below Cal
RT: 4.452 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 84 Resp: 1163
Ion Ratio Lower Upper
84 100
49 53.4 105.0 157.6#
51 0.0 31.6 47.4#
86 39.6 53.0 79.6#

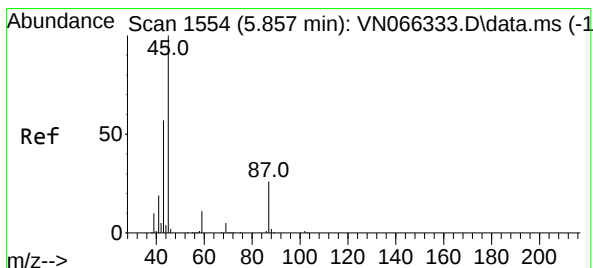
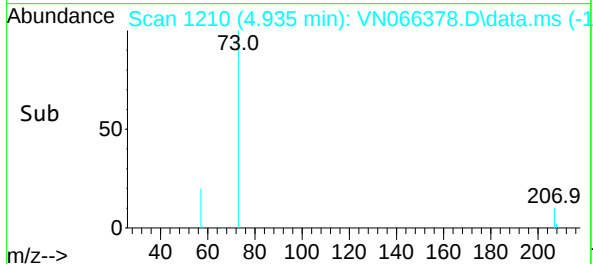
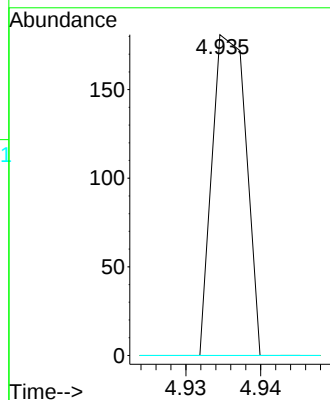
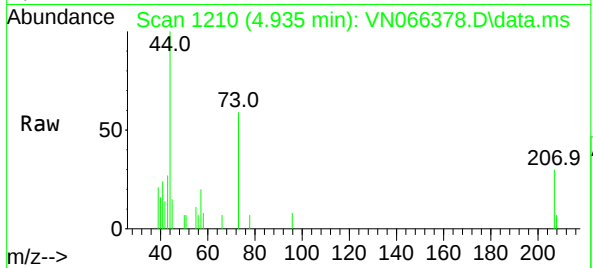




#21
trans-1,2-Dichloroethene
Concen: 0.01 ug/l
RT: 4.935 min Scan# 1210
Delta R.T. 0.005 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

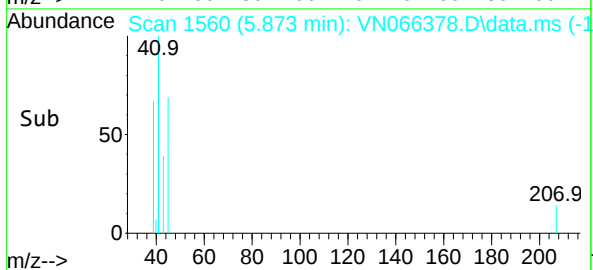
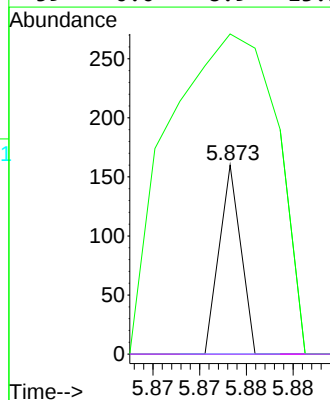
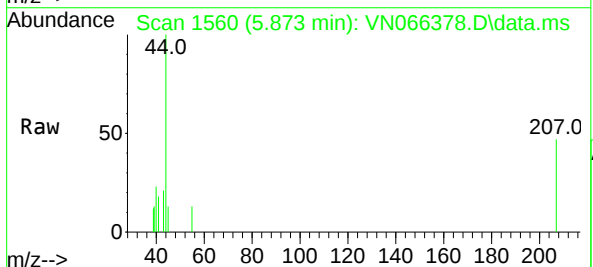
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MSVOA_N
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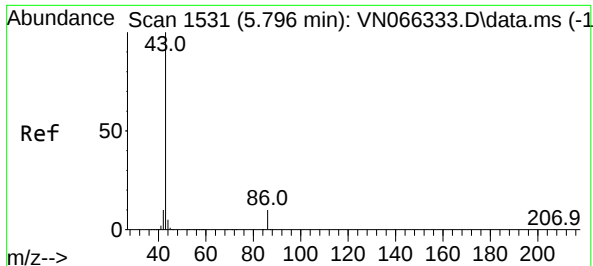
Tgt Ion: 96 Resp: 57
Ion Ratio Lower Upper
96 100
61 0.0 113.7 170.5#
98 0.0 50.2 75.2#



#22
Diisopropyl ether
Concen: 0.00 ug/l
RT: 5.873 min Scan# 1560
Delta R.T. 0.016 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 45 Resp: 26
Ion Ratio Lower Upper
45 100
43 50.6 48.1 72.1
87 0.0 21.6 32.4#
59 0.0 8.9 13.3#

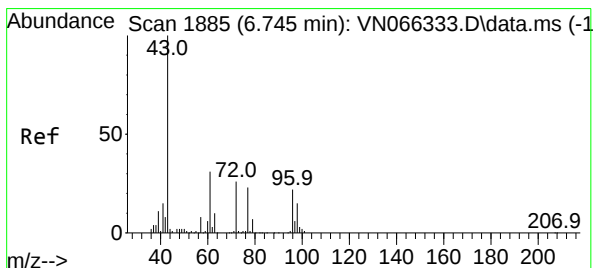
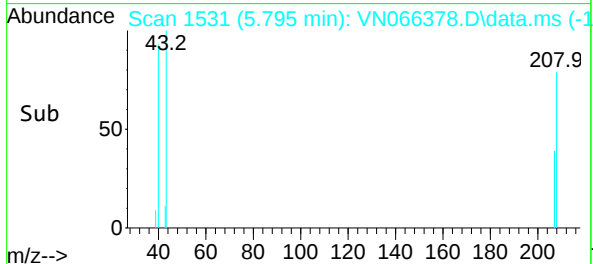
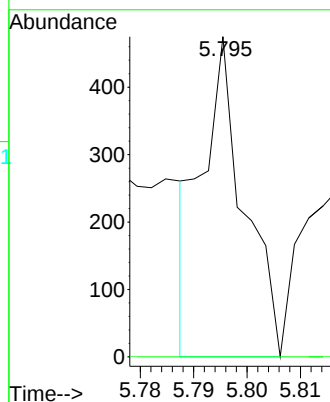
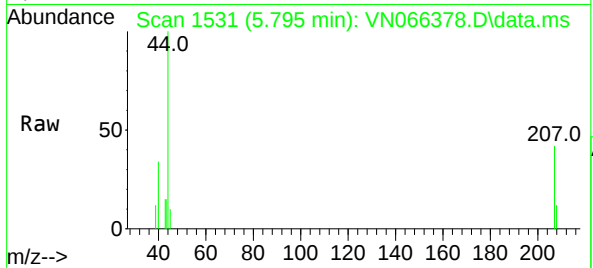




#23
 Vinyl Acetate
 Concen: 0.02 ug/l
 RT: 5.795 min Scan# 1531
 Delta R.T. -0.000 min
 Lab File: VN066378.D
 Acq: 29 Mar 2021 15:48

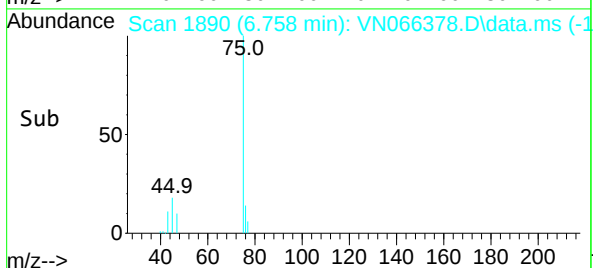
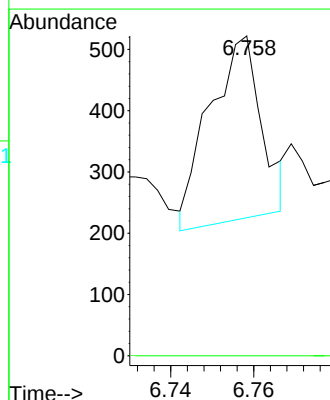
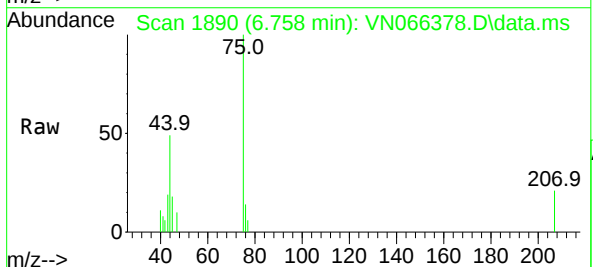
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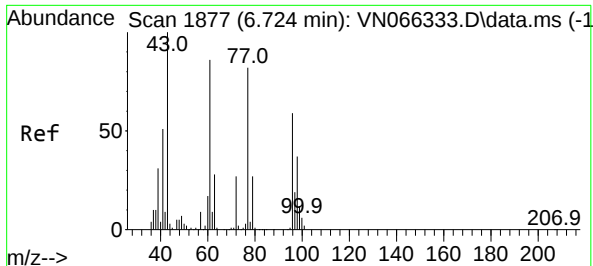
Tgt Ion: 43 Resp: 258
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.7 11.5#



#25
 2-Butanone
 Concen: 0.07 ug/l
 RT: 6.758 min Scan# 1890
 Delta R.T. 0.013 min
 Lab File: VN066378.D
 Acq: 29 Mar 2021 15:48

Tgt Ion: 43 Resp: 260
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.7 31.1#

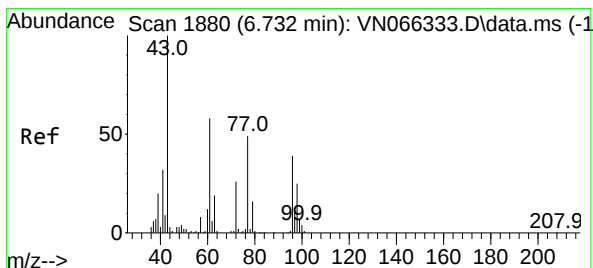
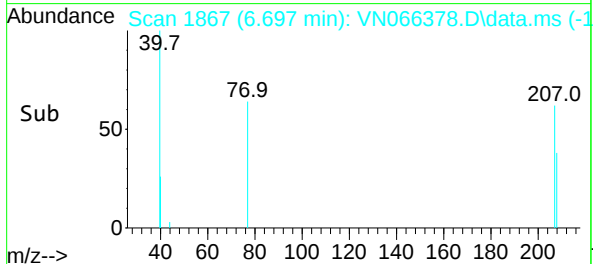
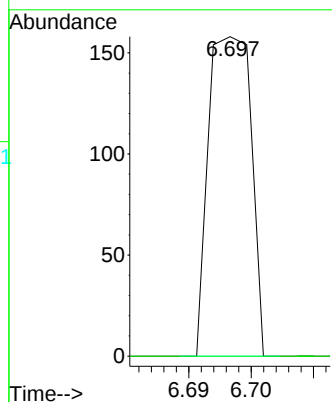
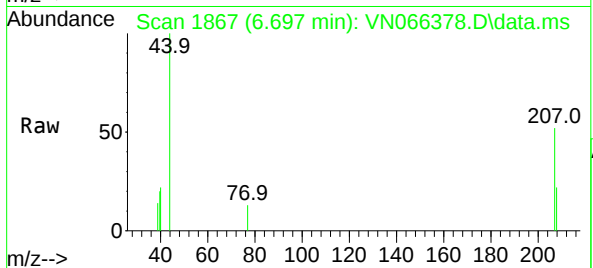




#26
2,2-Dichloropropane
Concen: 0.01 ug/l
RT: 6.697 min Scan# 1867
Delta R.T. -0.027 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

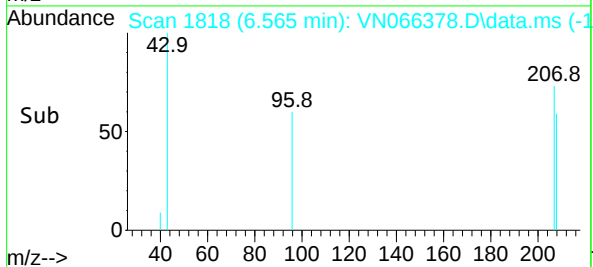
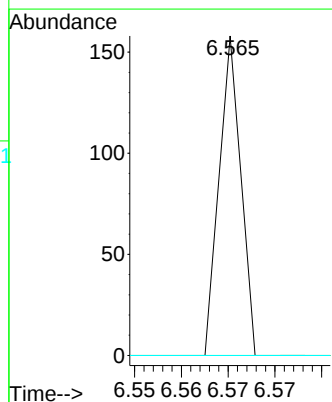
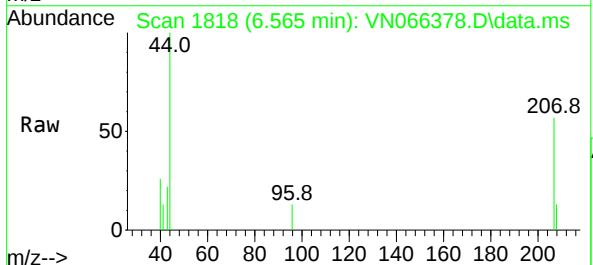
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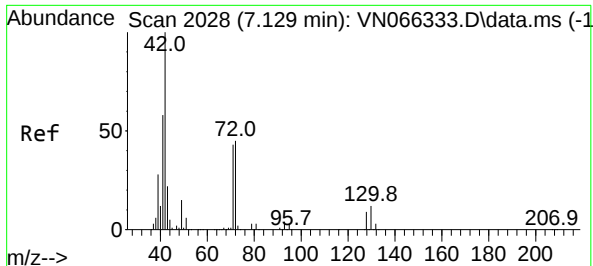
Tgt Ion: 77 Resp: 75
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#27
cis-1,2-Dichloroethene
Concen: 0.00 ug/l
RT: 6.565 min Scan# 1818
Delta R.T. -0.166 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 96 Resp: 25
Ion Ratio Lower Upper
96 100
61 0.0 0.0 296.2
98 0.0 0.0 129.2

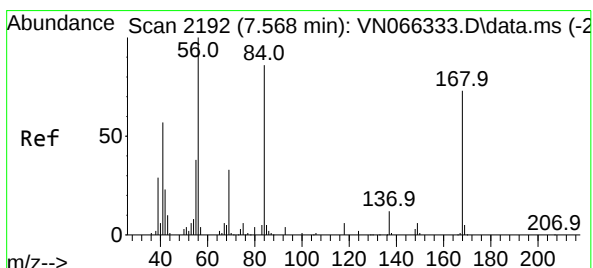
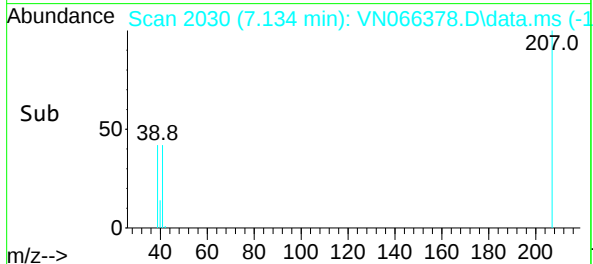
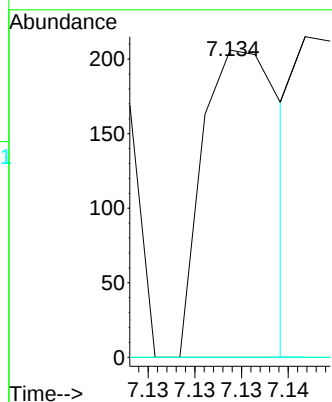
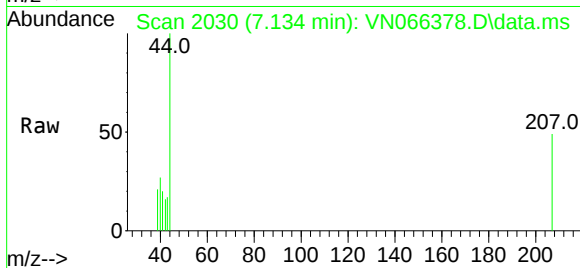




#29
Tetrahydrofuran
Concen: 0.05 ug/l
RT: 7.134 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

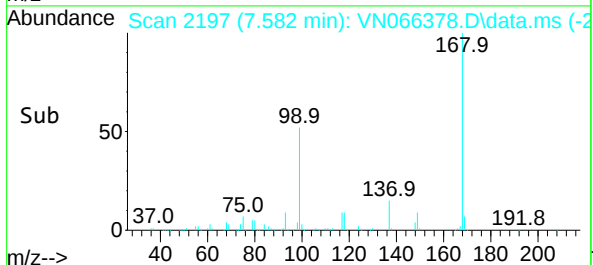
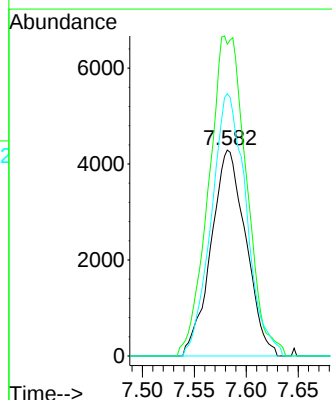
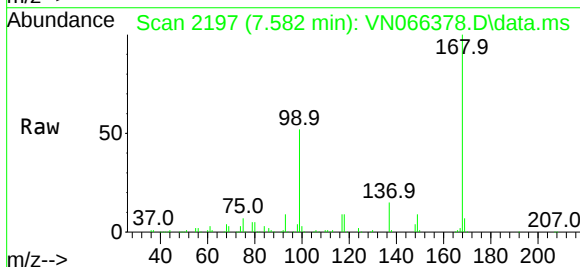
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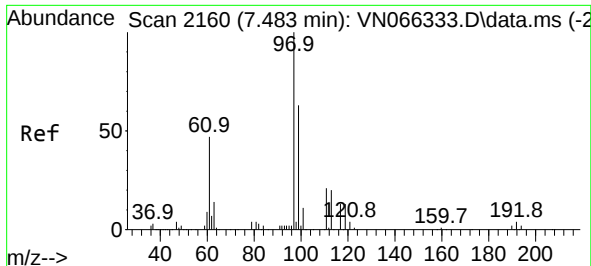
Tgt Ion: 42	Resp:	120
Ion Ratio	Lower	Upper
42	100	
72	0.0	35.2 52.8#
71	0.0	33.1 49.7#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 56	Resp:	10007
Ion Ratio	Lower	Upper
56	100	
69	147.1	26.6 40.0#
84	127.4	68.7 103.1#

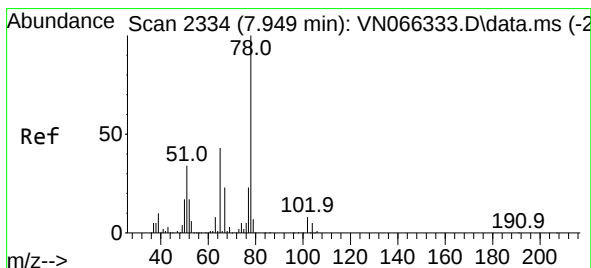
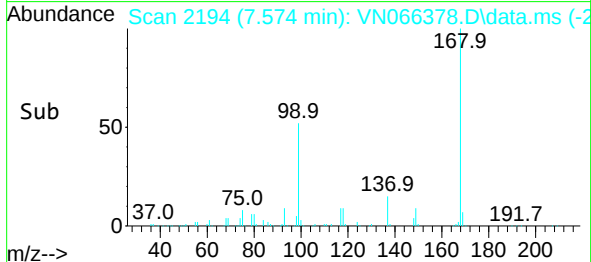
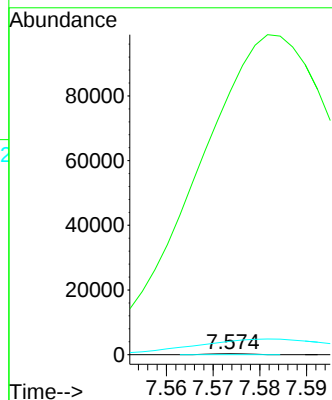
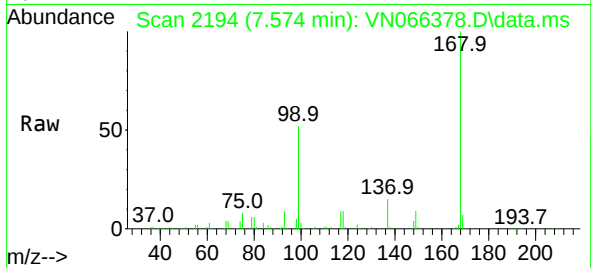




#32
1,1,1-Trichloroethane
Concen: 0.02 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.091 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

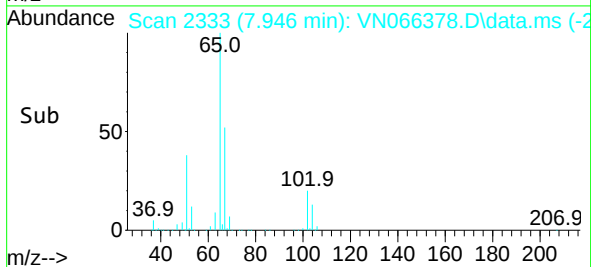
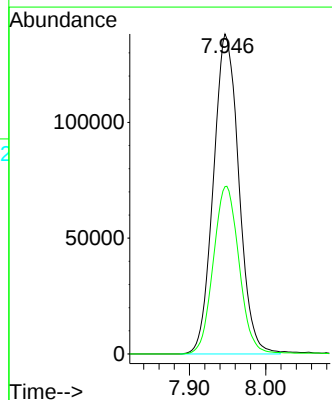
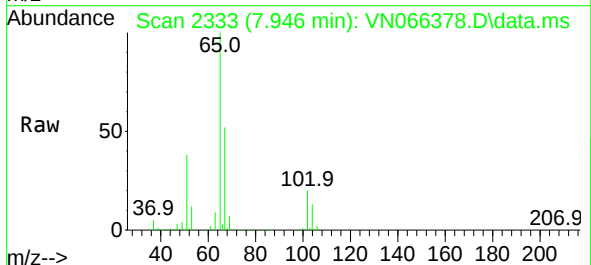
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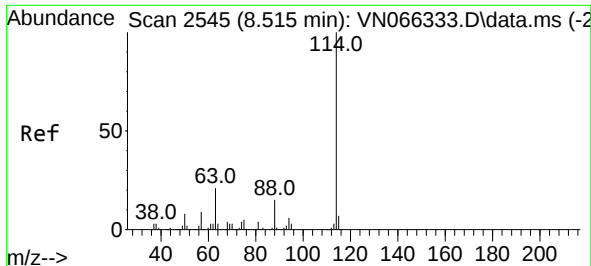
Tgt Ion: 97 Resp: 174
Ion Ratio Lower Upper
97 100
99 134383.9 51.1 76.7#
61 6608.6 36.9 55.3#



#33
1,2-Dichloroethane-d4
Concen: 52.87 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 65 Resp: 320122
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

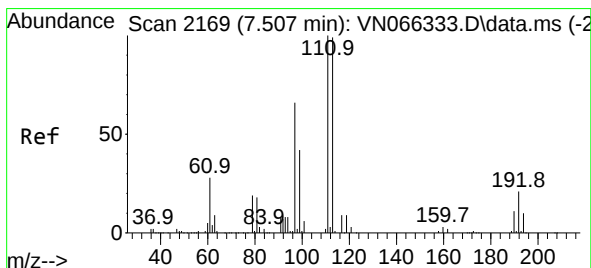
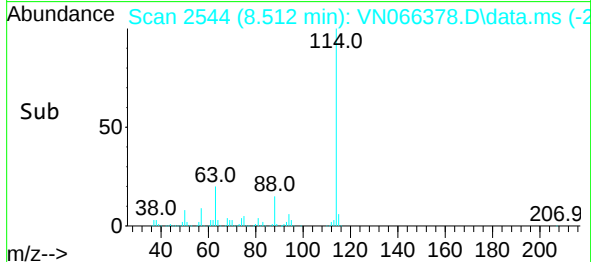
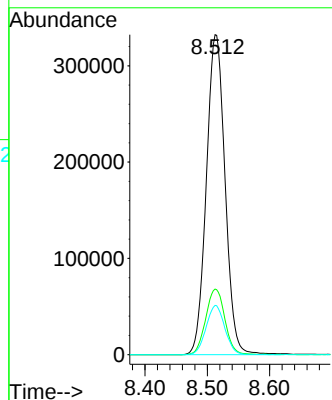
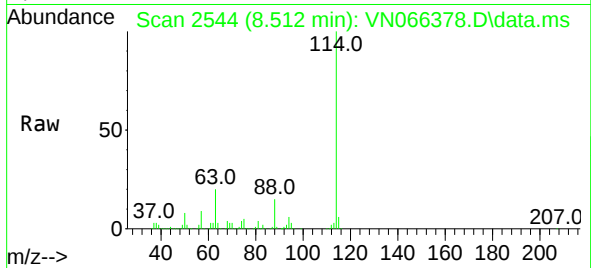




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

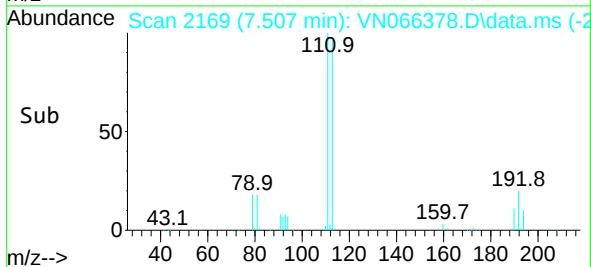
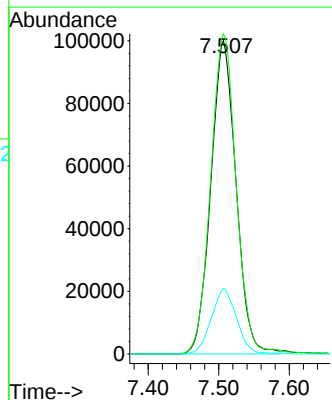
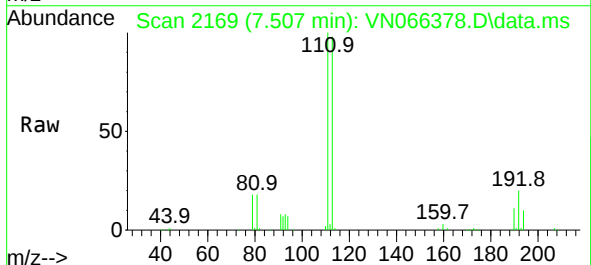
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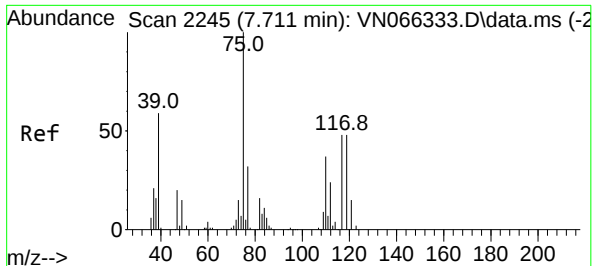
Tgt Ion:114 Resp: 693489
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.0
88 15.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 53.86 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

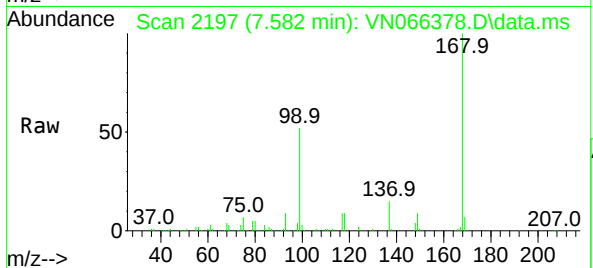
Tgt Ion:113 Resp: 247635
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 20.9 17.1 25.7



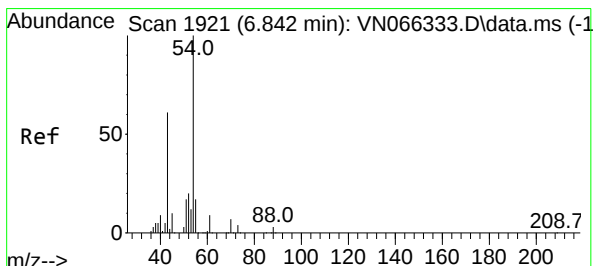
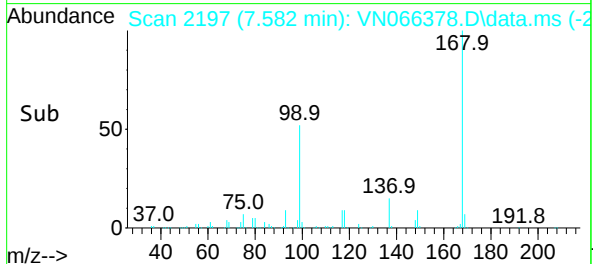
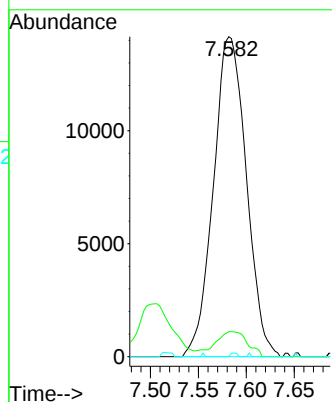


#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Instrument :
MSVOA_N
ClientSampleId :
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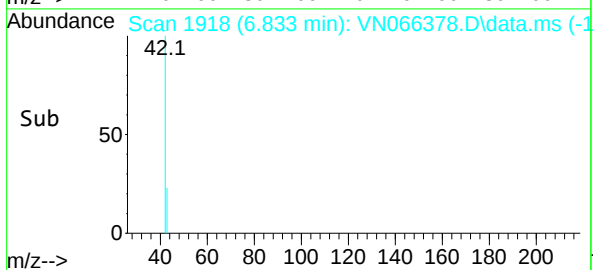
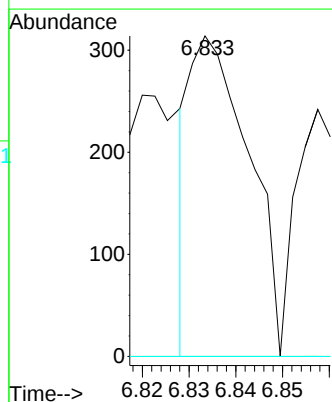
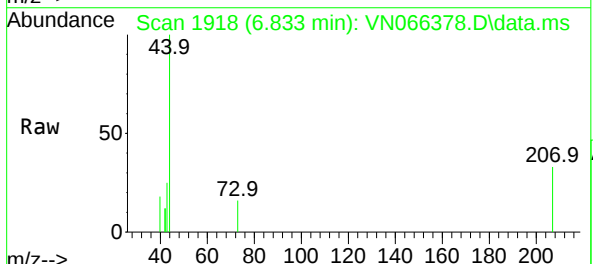


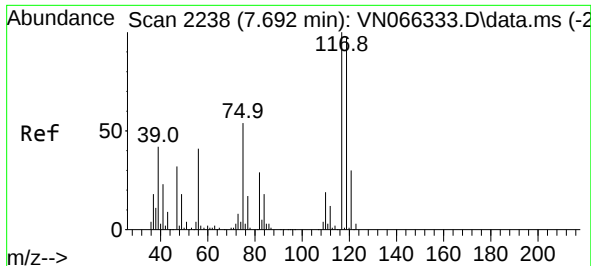
Tgt Ion: 75 Resp: 33815
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.3#
77 0.2 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.04 ug/l
RT: 6.833 min Scan# 1918
Delta R.T. -0.008 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

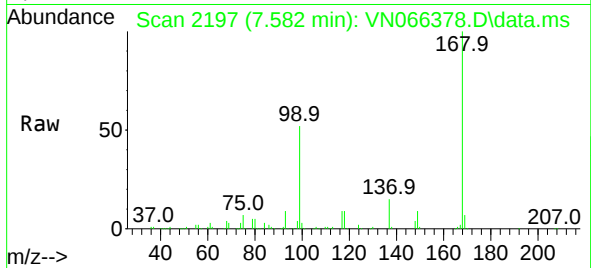
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.0 12.0#



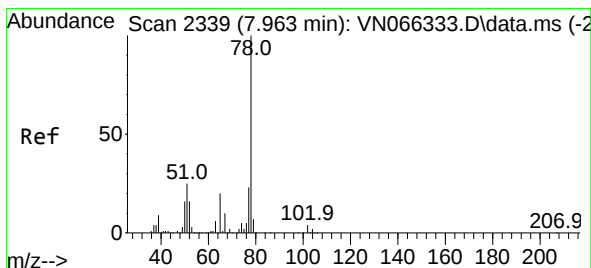
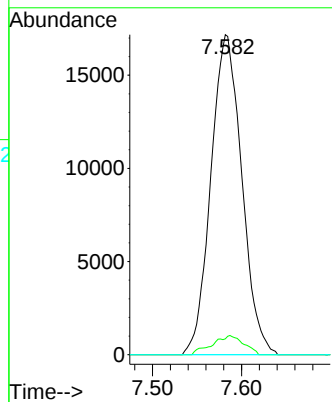
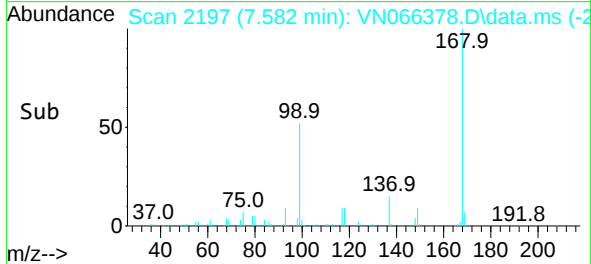


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

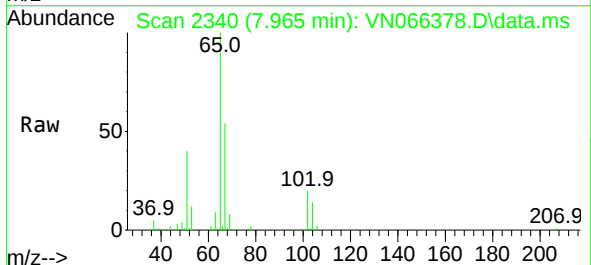
Instrument :
MSVOA_N
ClientSampleId :
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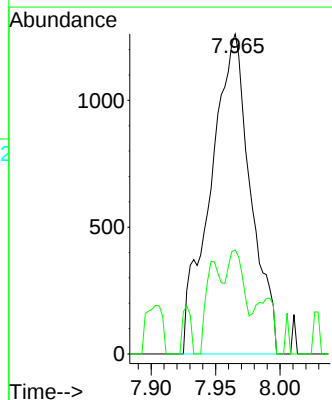
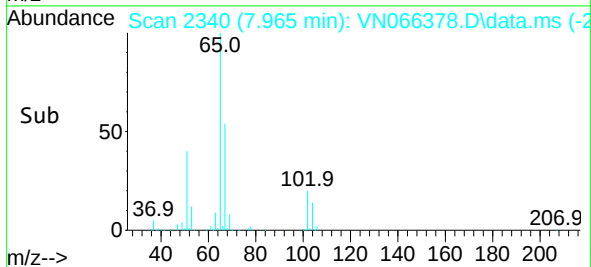
Tgt Ion:117 Resp: 41424
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.2 36.4#

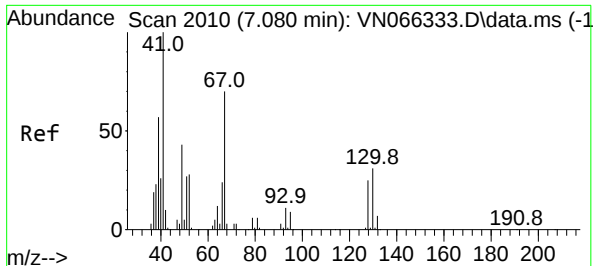


#40
Benzene
Concen: 0.14 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48



Tgt Ion: 78 Resp: 2735
Ion Ratio Lower Upper
78 100
77 32.6 18.7 28.1#





#41

Methacrylonitrile

Concen: 0.02 ug/l

RT: 7.080 min Scan# 2010

Delta R.T. -0.000 min

Lab File: VN066378.D

Acq: 29 Mar 2021 15:48

Tgt Ion: 41 Resp: 75

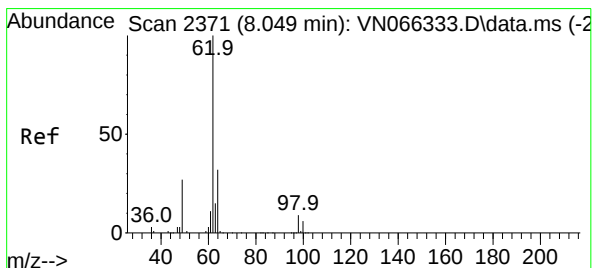
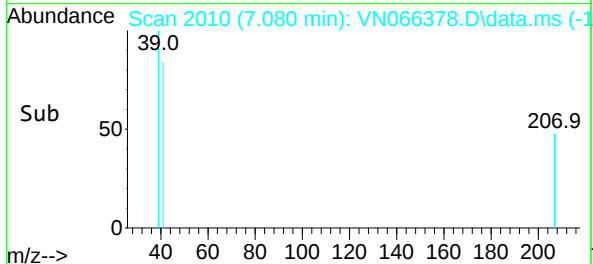
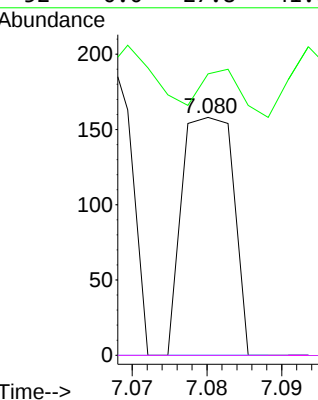
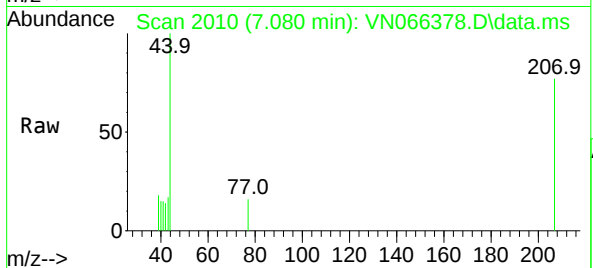
Ion Ratio Lower Upper

41 100

39 158.7 51.7 77.5#

67 0.0 68.5 102.7#

52 0.0 27.8 41.6#



#42

1,2-Dichloroethane

Concen: 0.08 ug/l

RT: 8.043 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VN066378.D

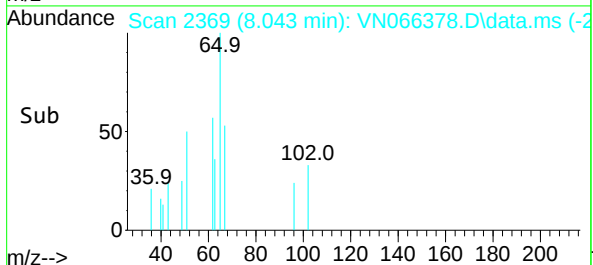
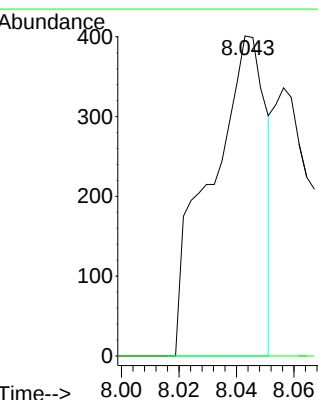
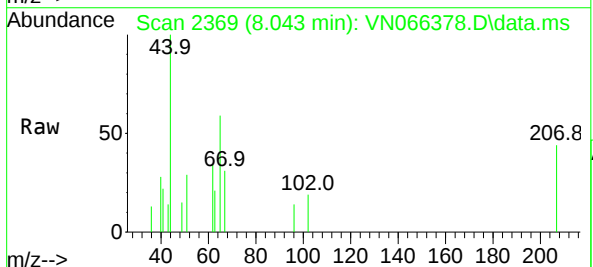
Acq: 29 Mar 2021 15:48

Tgt Ion: 62 Resp: 535

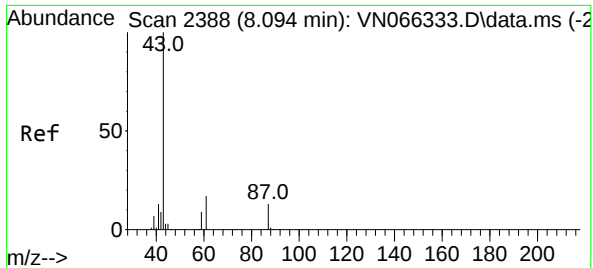
Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



Instrument :
MSVOA_N
ClientSampleId :
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#43

Isopropyl Acetate

Concen: 0.01 ug/l

RT: 8.102 min Scan# 2391

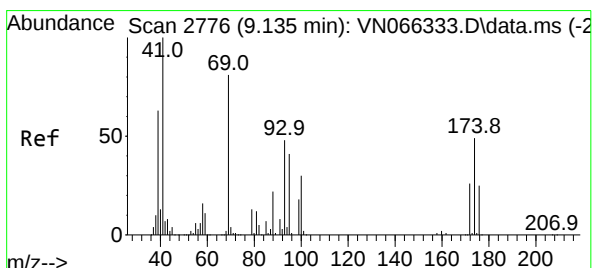
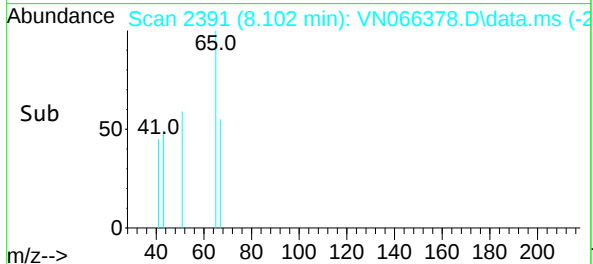
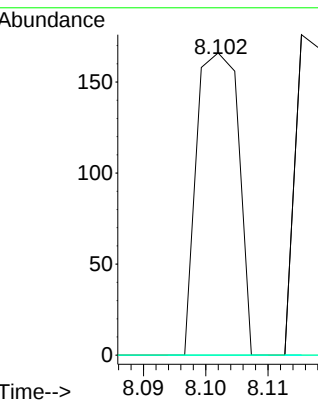
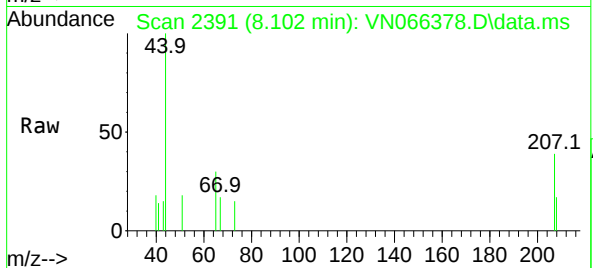
Delta R.T. 0.008 min

Lab File: VN066378.D

Acq: 29 Mar 2021 15:48

Tgt Ion:	43	Resp:	77
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	0.0	10.5	15.7#

Instrument :
MSVOA_N
ClientSampled :
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#48

Methyl methacrylate

Concen: 0.01 ug/l

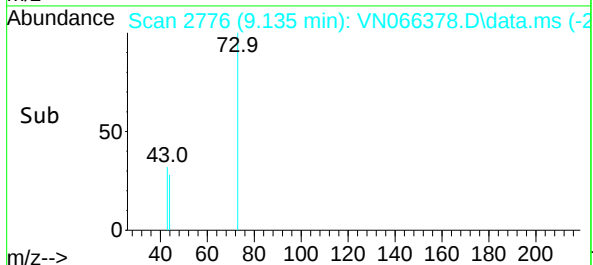
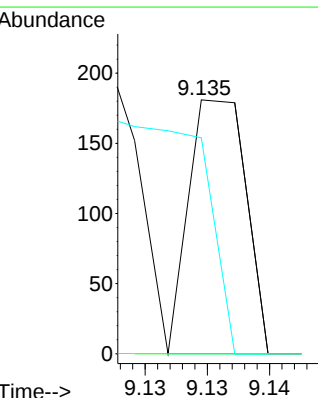
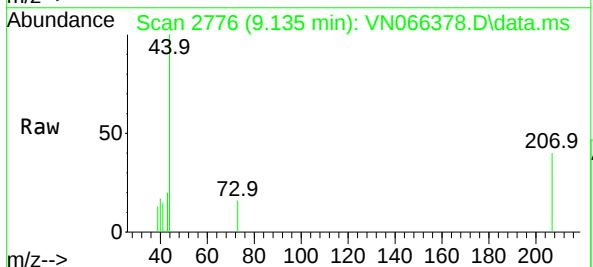
RT: 9.135 min Scan# 2776

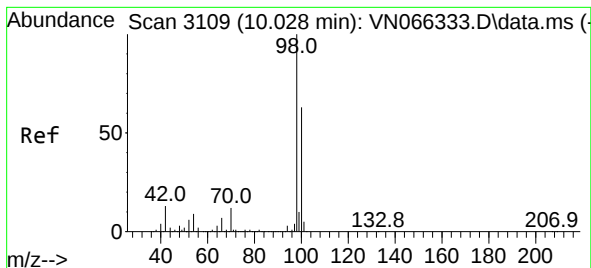
Delta R.T. -0.000 min

Lab File: VN066378.D

Acq: 29 Mar 2021 15:48

Tgt Ion:	41	Resp:	58
Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.2	99.4#
39	0.0	51.5	77.3#

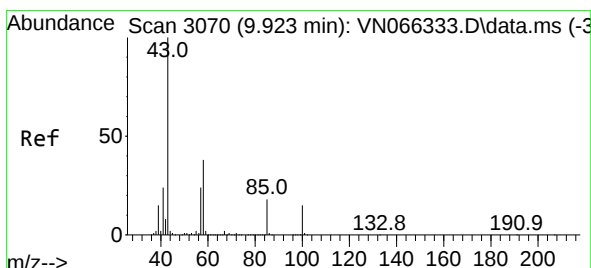
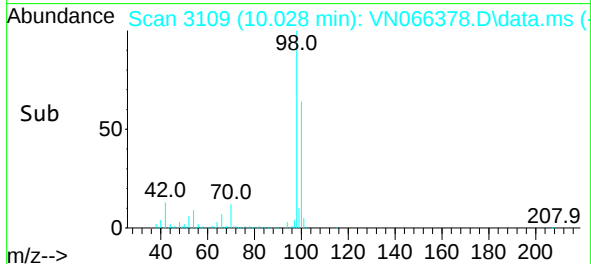
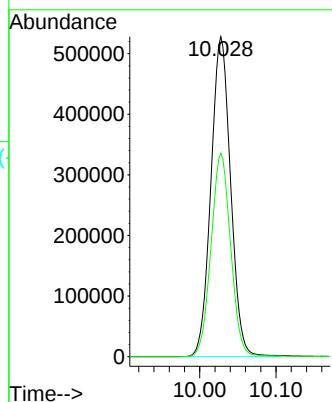
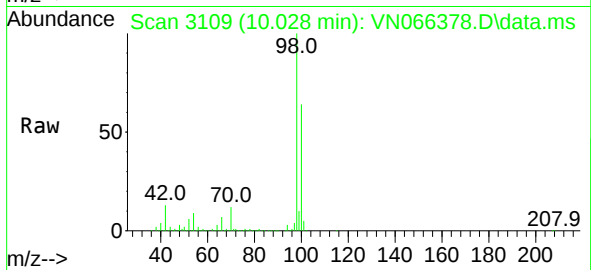




#50
Toluene-d8
Concen: 54.26 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

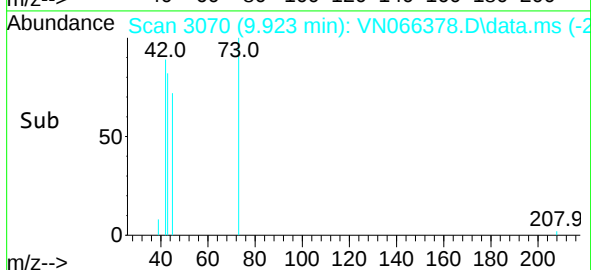
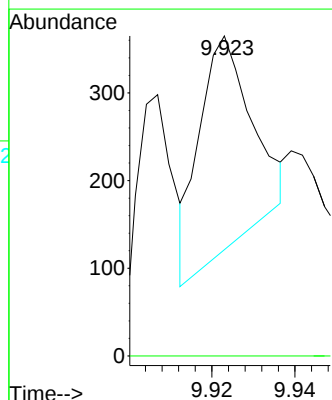
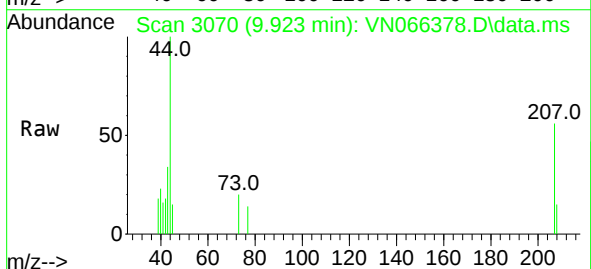
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MSVOA_N
ClientSampleId :
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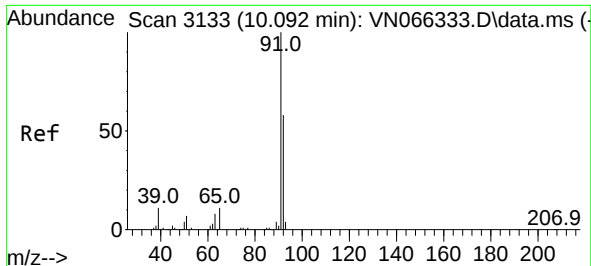
Tgt Ion: 98 Resp: 946221
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.03 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#

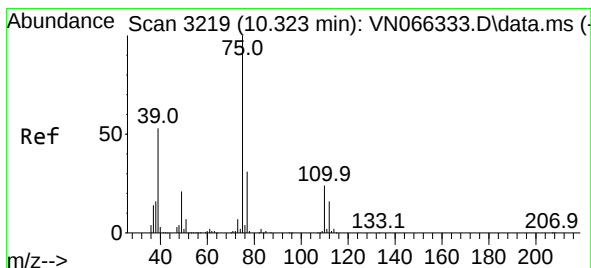
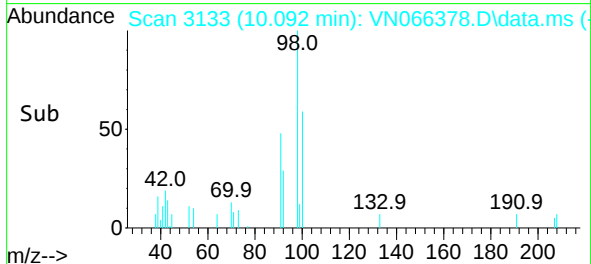
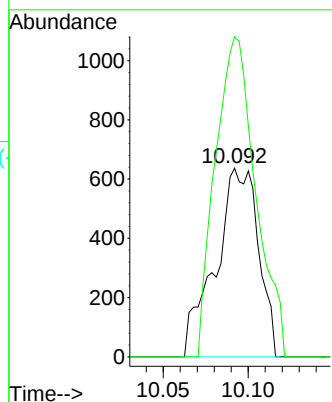
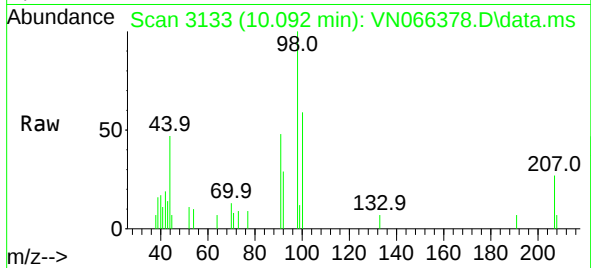




#52
Toluene
Concen: 0.09 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

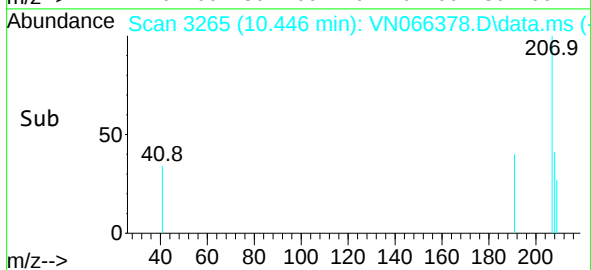
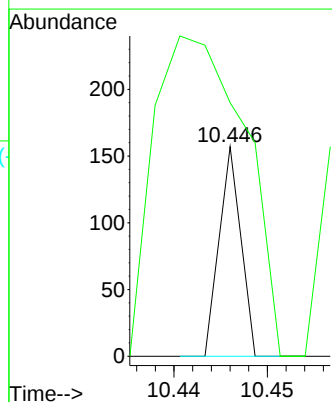
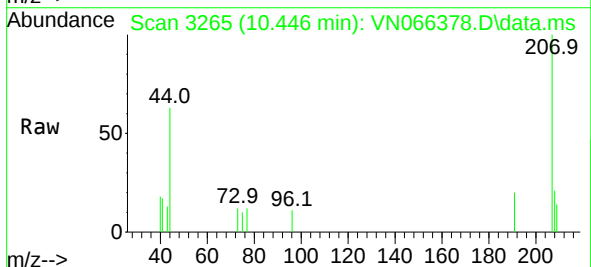
Instrument :
MSVOA_N
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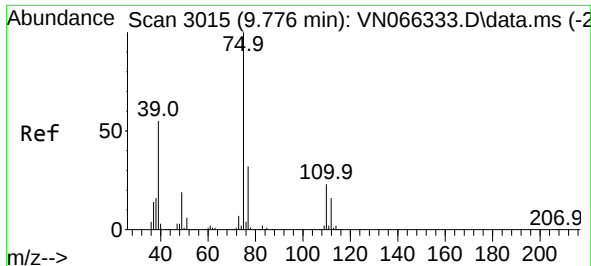
Tgt Ion: 92 Resp: 1123
Ion Ratio Lower Upper
92 100
91 158.9 138.8 208.2



#53
t-1,3-Dichloropropene
Concen: 0.00 ug/l
RT: 10.446 min Scan# 3265
Delta R.T. 0.123 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 121.0 25.0 37.6#

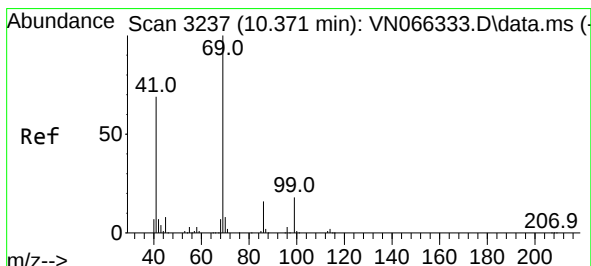
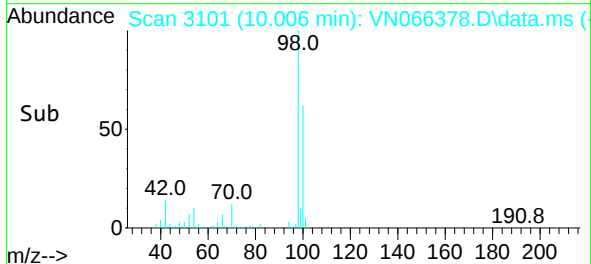
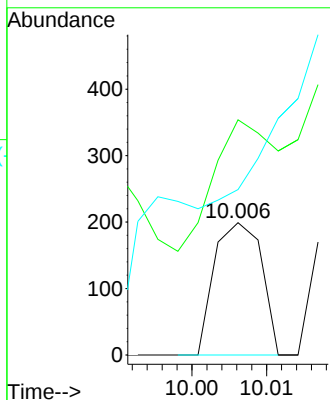
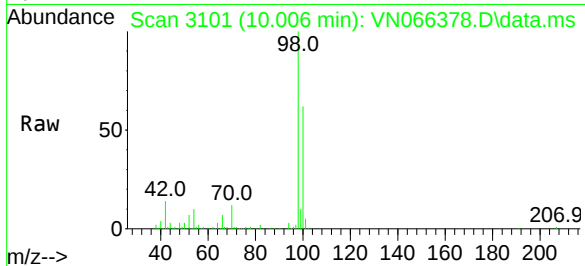




#54
cis-1,3-Dichloropropene
Concen: 0.01 ug/l
RT: 10.006 min Scan# 3101
Delta R.T. 0.230 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

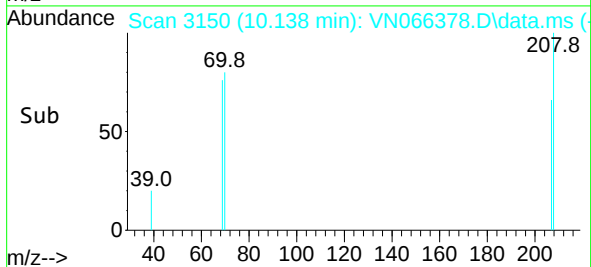
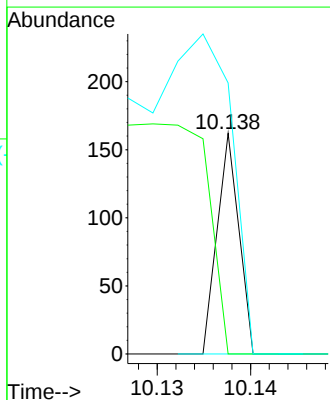
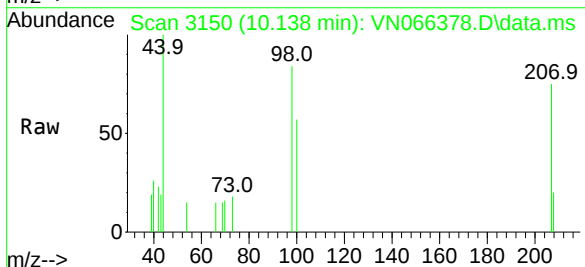
Instrument :
MSVOA_N
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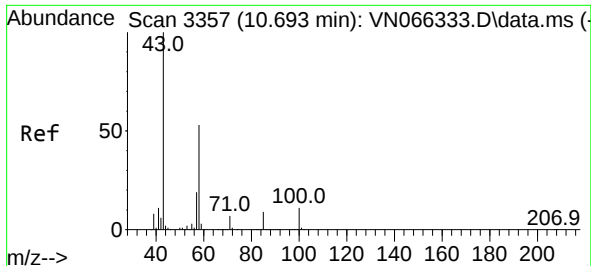
Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
77 99.5 25.4 38.2#
39 9.0 44.2 66.4#



#56
Ethyl methacrylate
Concen: 0.00 ug/l
RT: 10.138 min Scan# 3150
Delta R.T. -0.233 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 69 Resp: 26
Ion Ratio Lower Upper
69 100
41 411.5 55.3 82.9#
39 842.3 33.8 50.6#

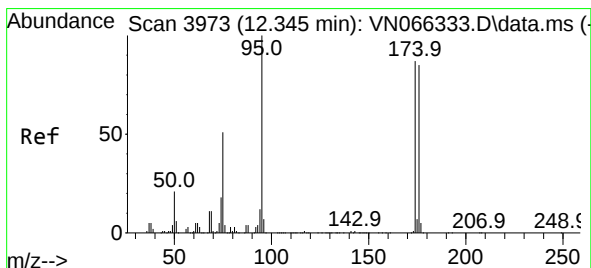
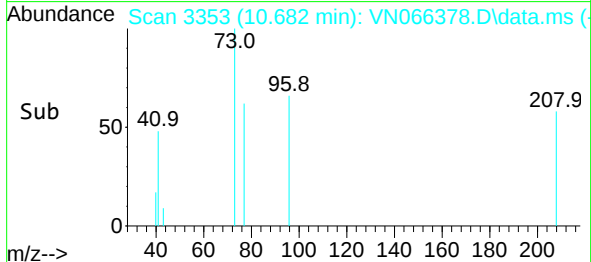
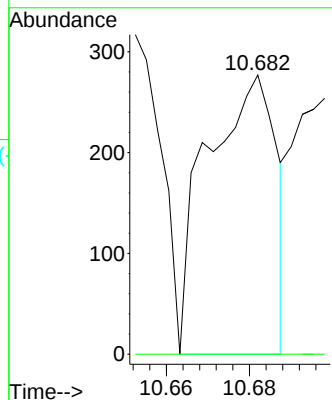
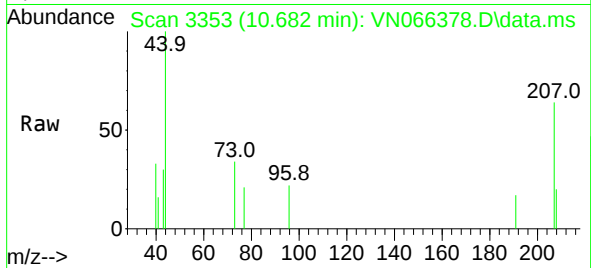




#59
2-Hexanone
Concen: 0.06 ug/l
RT: 10.682 min Scan# 3353
Delta R.T. -0.011 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

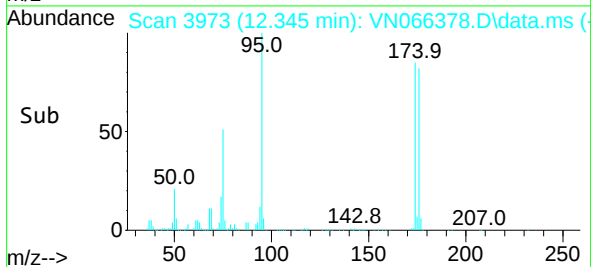
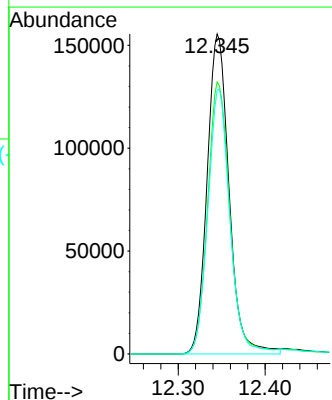
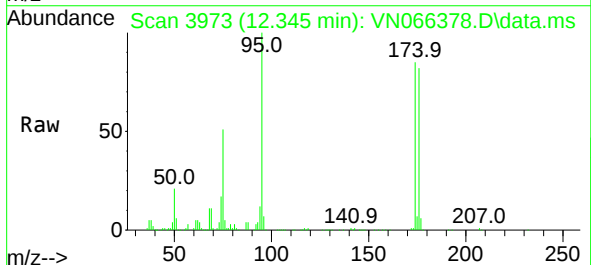
Instrument :
MSVOA_N
ClientSampleId :
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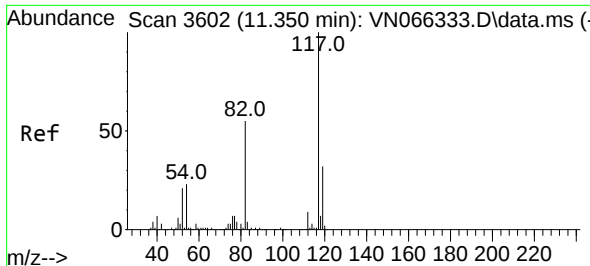
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 45.03 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 95 Resp: 272769
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 82.8 0.0 167.8

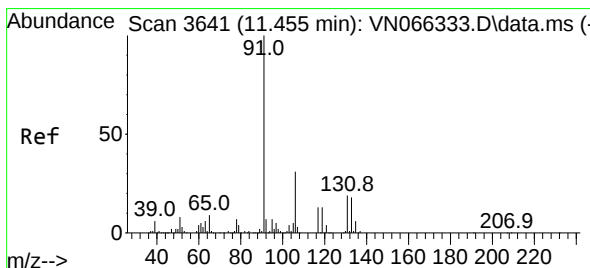
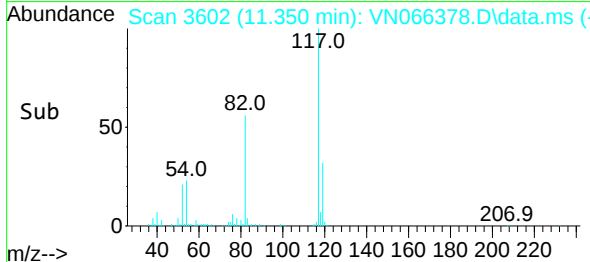
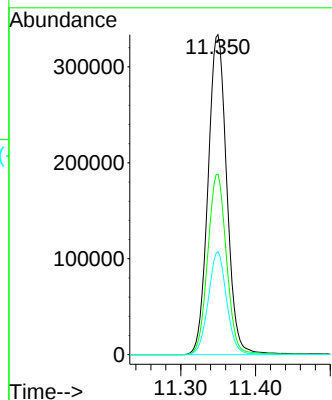
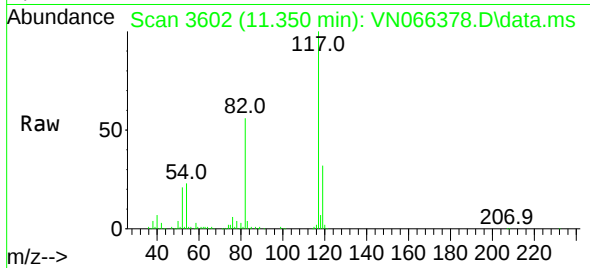




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

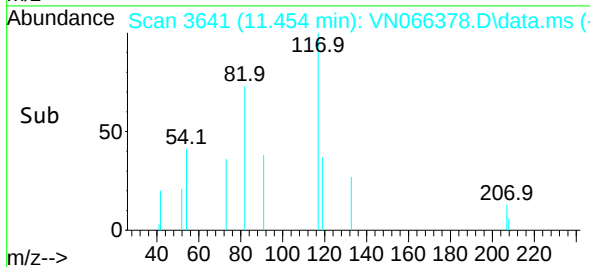
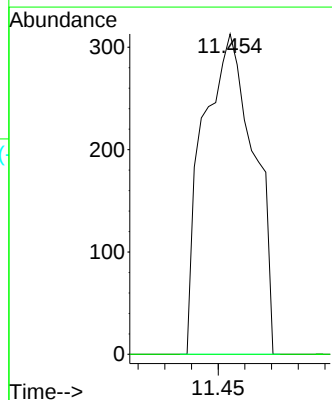
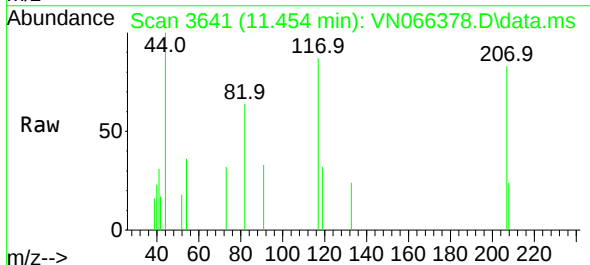
Instrument :
MSVOA_N
ClientSampleId :
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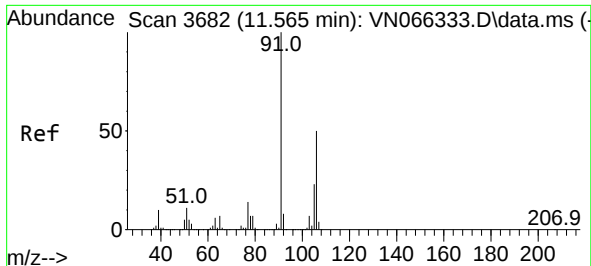
Tgt Ion:117 Resp: 581926
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 0.02 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 91 Resp: 415
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#

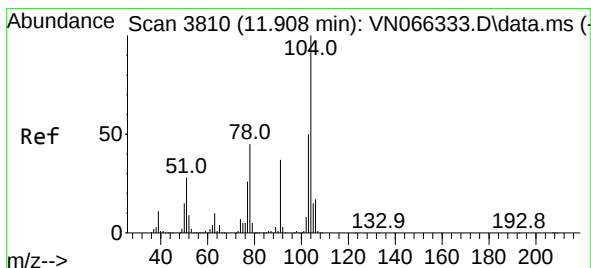
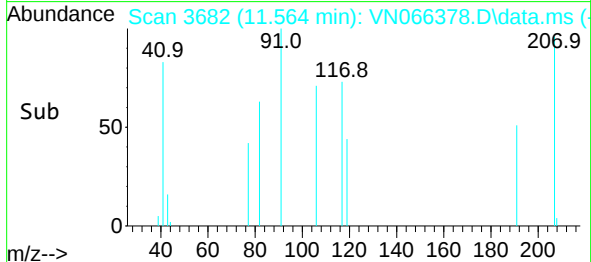
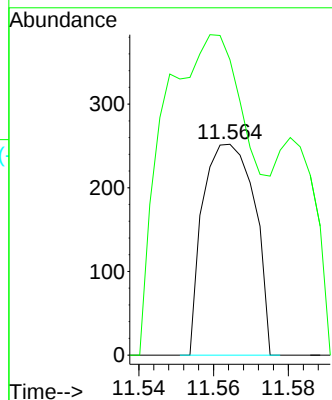
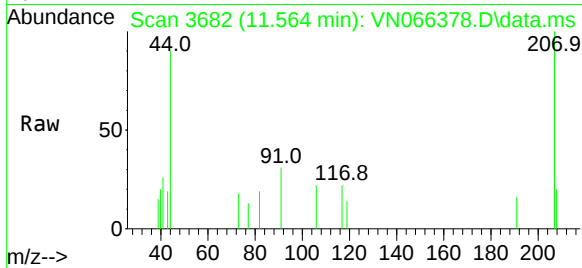




#68
m/p-Xylenes
Concen: 0.03 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

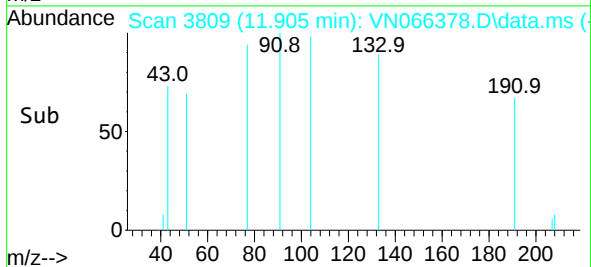
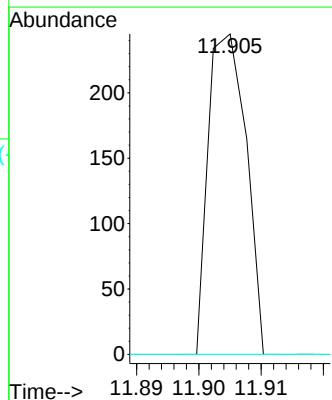
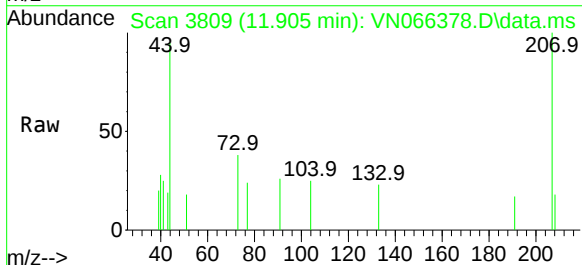
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ClientSampleId :
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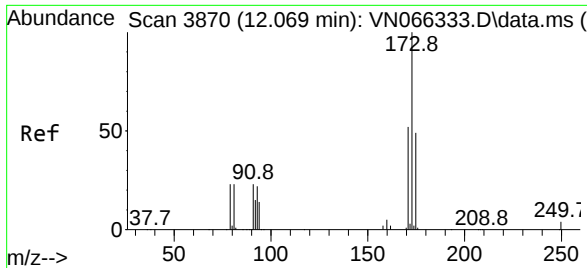
Tgt Ion:106 Resp: 240
Ion Ratio Lower Upper
106 100
91 262.9 162.7 244.1#



#70
Styrene
Concen: 0.01 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion:104 Resp: 104
Ion Ratio Lower Upper
104 100
78 0.0 40.7 61.1#
103 0.0 44.2 66.2#

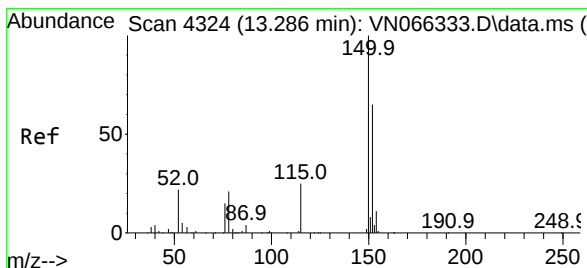
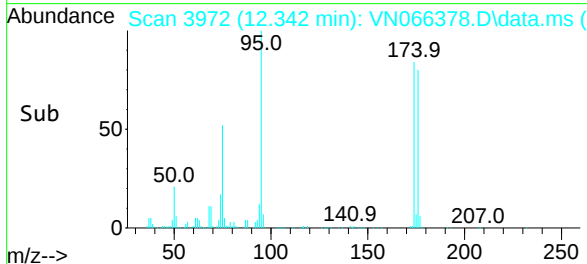
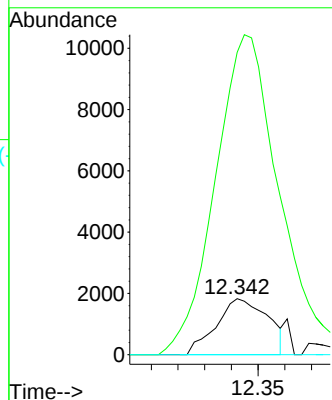
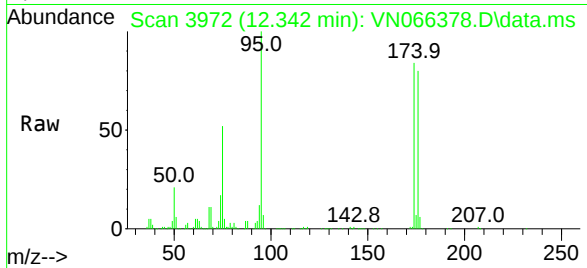




#71
Bromoform
Concen: 0.66 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.273 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

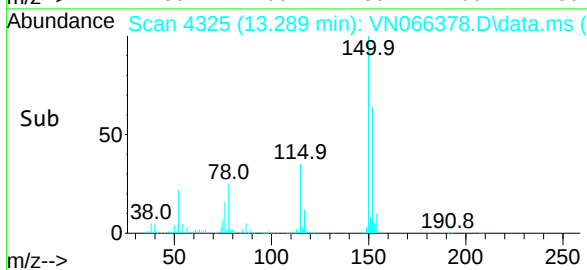
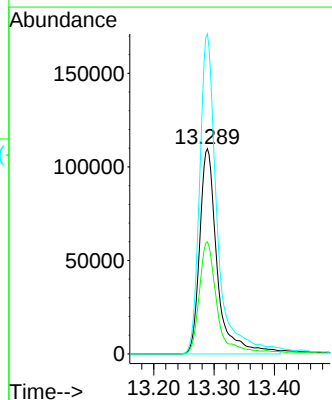
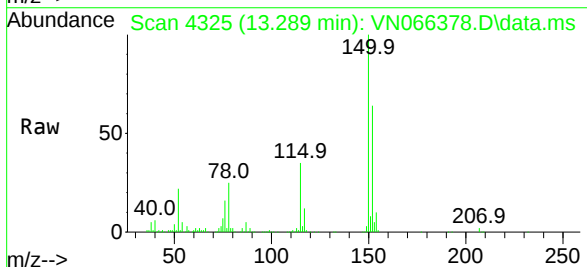
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MSVOA_N
ClientSampleId :
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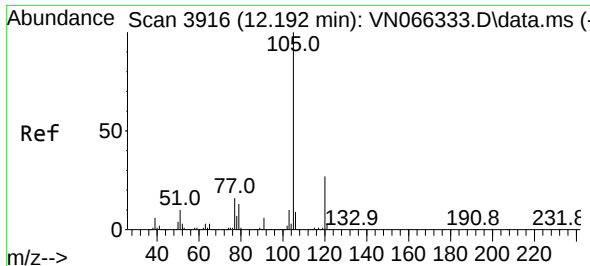
Tgt Ion:173 Resp: 2458
Ion Ratio Lower Upper
173 100
175 607.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion:152 Resp: 223116
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 153.0 0.0 348.4

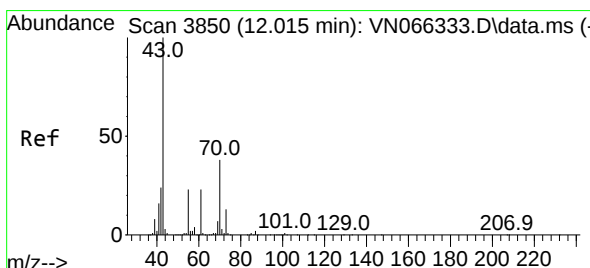
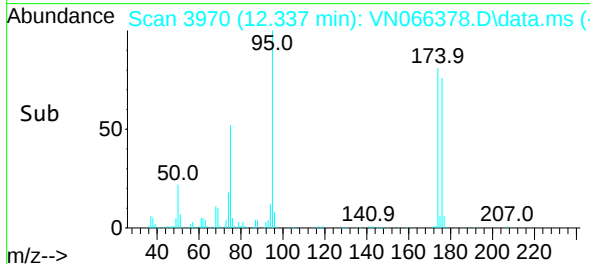
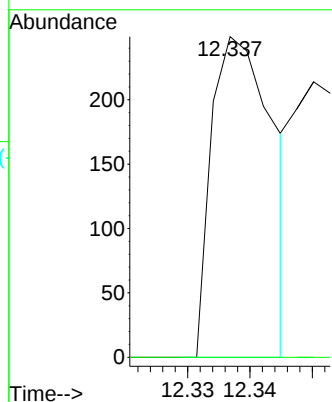
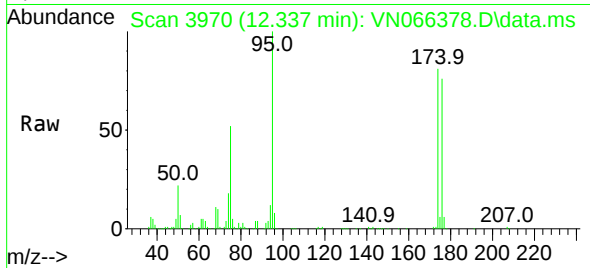




#73
Isopropylbenzene
Concen: 0.01 ug/l
RT: 12.337 min Scan# 3970
Delta R.T. 0.145 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

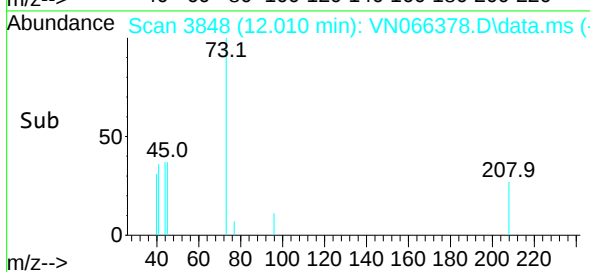
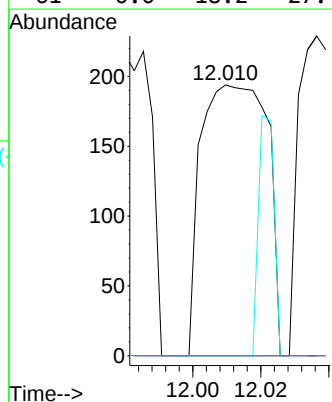
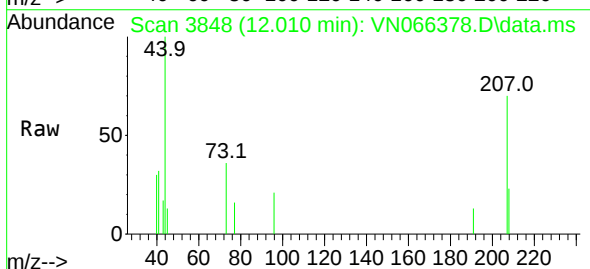
Instrument :
MSVOA_N
ClientSampleId :
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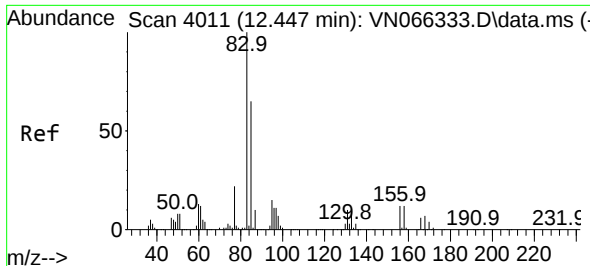
Tgt Ion:105 Resp: 170
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.8#



#74
N-ethyl acetate
Concen: 3.23 ug/l
RT: 12.010 min Scan# 3848
Delta R.T. -0.005 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 21.1 18.6 28.0
61 0.0 18.2 27.4#

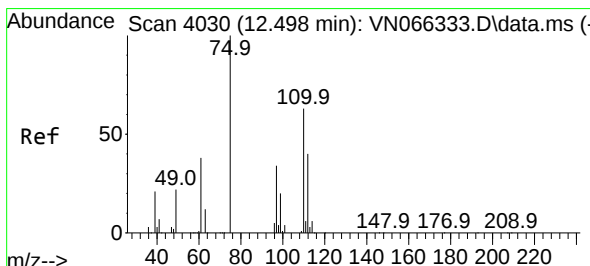
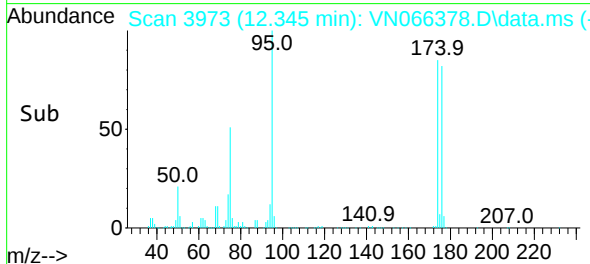
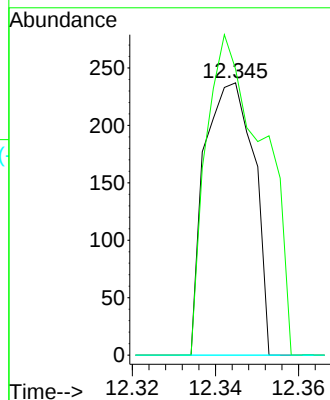
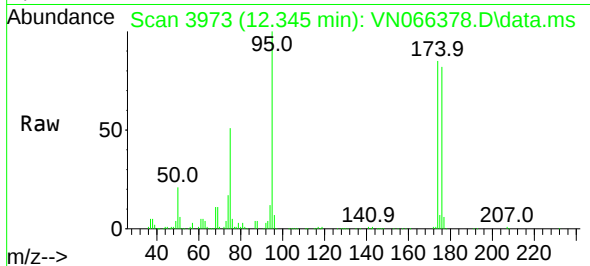




#75
1,1,2,2-Tetrachloroethane
Concen: 0.04 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.102 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

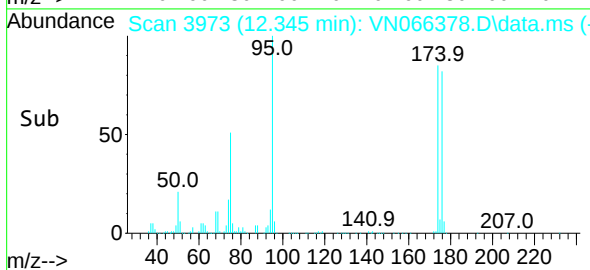
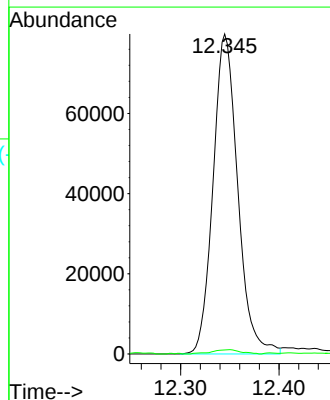
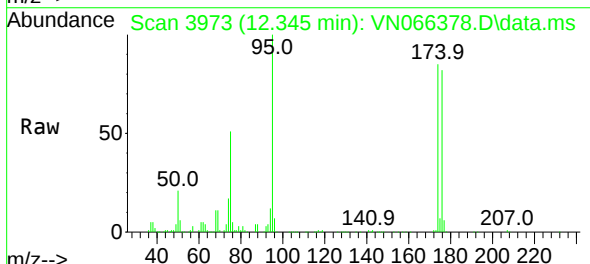
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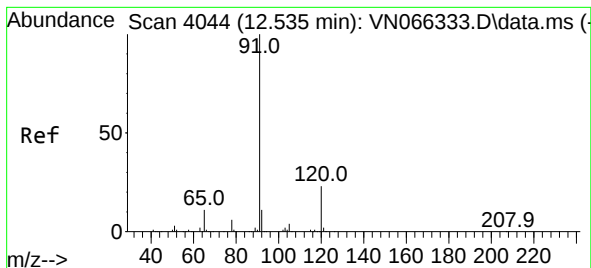
Tgt Ion: 83 Resp: 195
Ion Ratio Lower Upper
83 100
131 136.4 5.0 15.0#
85 0.0 33.8 101.3#



#76
1,2,3-Trichloropropane
Concen: 28.45 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 75 Resp: 139272
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

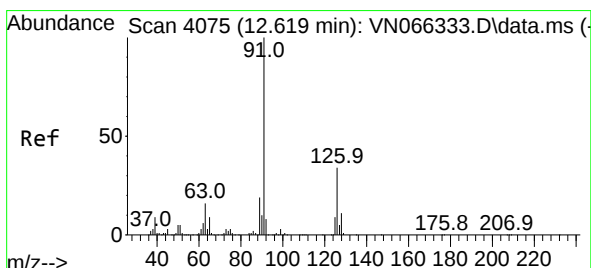
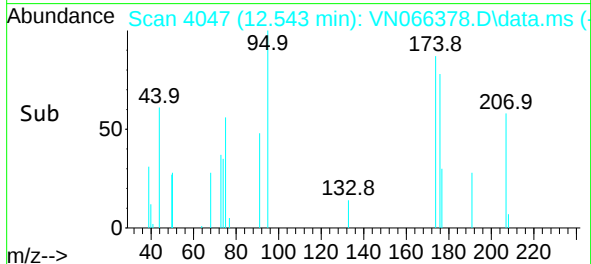
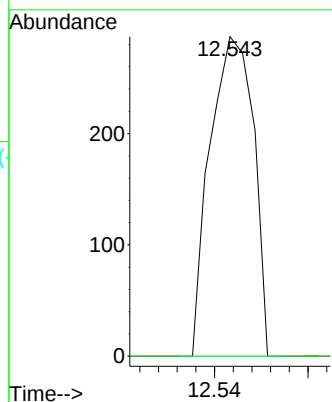
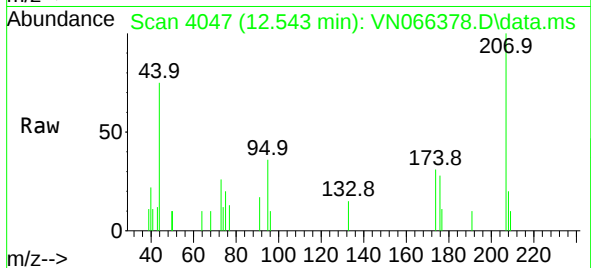




#78
n-propylbenzene
Concen: 0.01 ug/l
RT: 12.543 min Scan# 4047
Delta R.T. 0.008 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

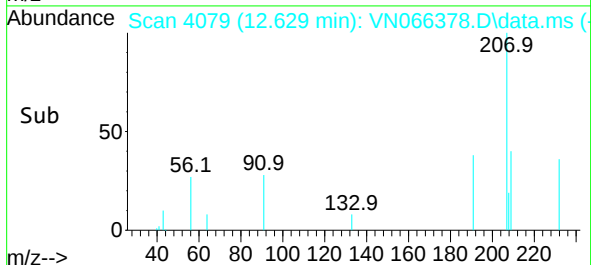
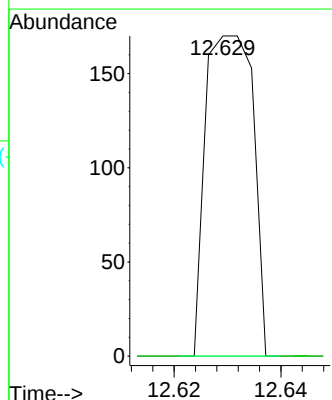
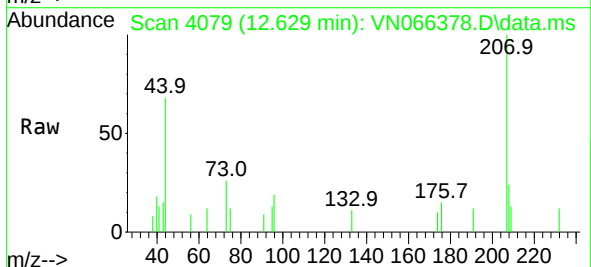
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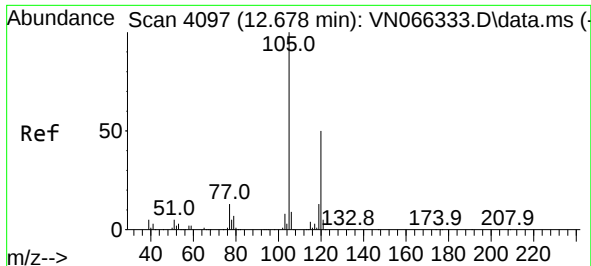
Tgt Ion: 91 Resp: 186
Ion Ratio Lower Upper
91 100
120 0.0 11.7 35.1#



#79
2-Chlorotoluene
Concen: 0.01 ug/l
RT: 12.629 min Scan# 4079
Delta R.T. 0.011 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 91 Resp: 105
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#

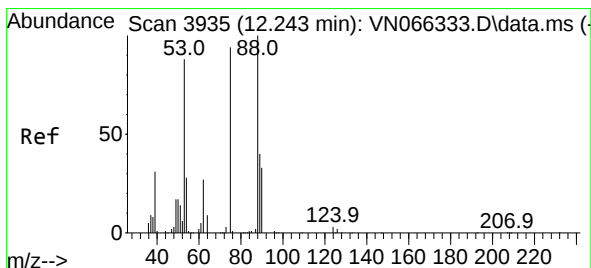
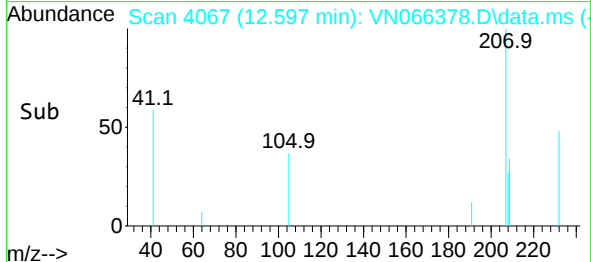
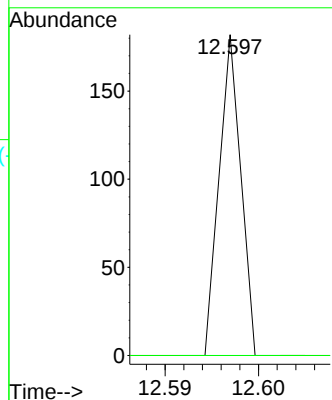
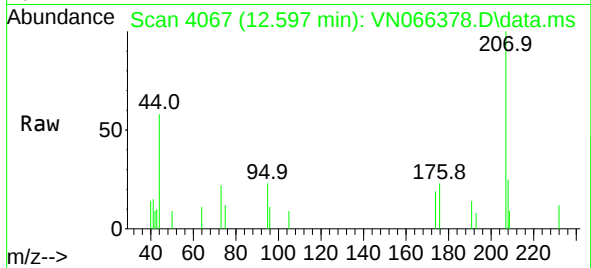




#80
1,3,5-Trimethylbenzene
Concen: 0.00 ug/l
RT: 12.597 min Scan# 4067
Delta R.T. -0.081 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

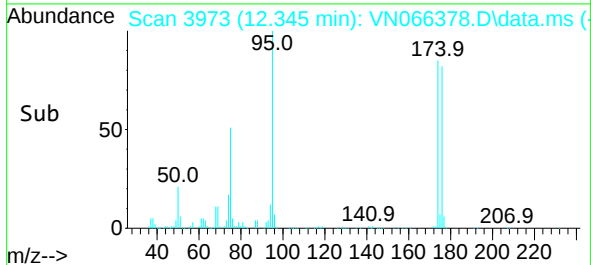
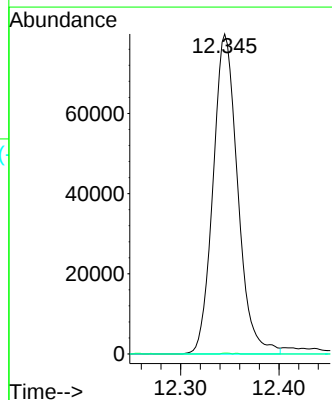
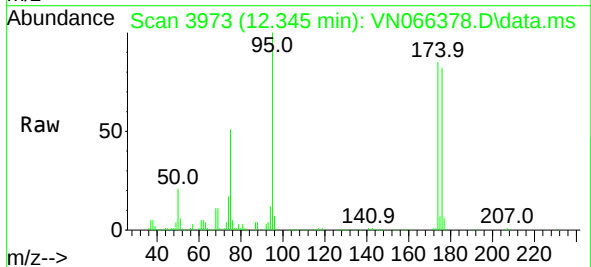
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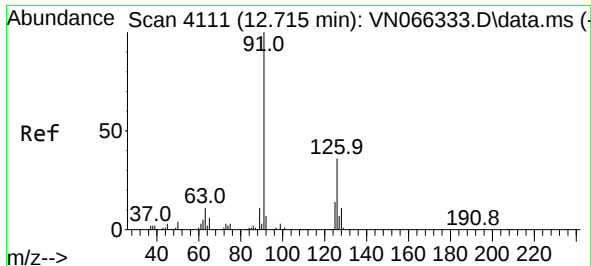
Tgt Ion:105 Resp: 29
Ion Ratio Lower Upper
105 100
120 0.0 24.5 73.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.55 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 75 Resp: 139272
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#

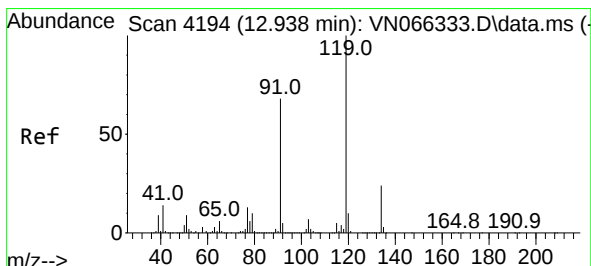
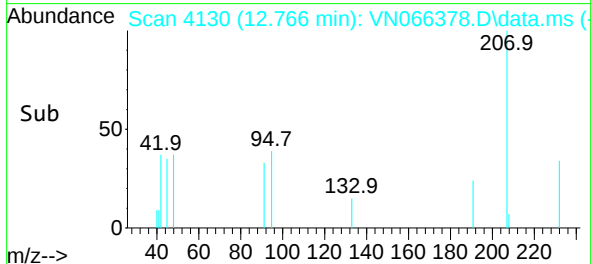
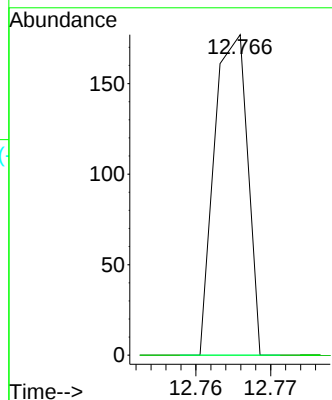
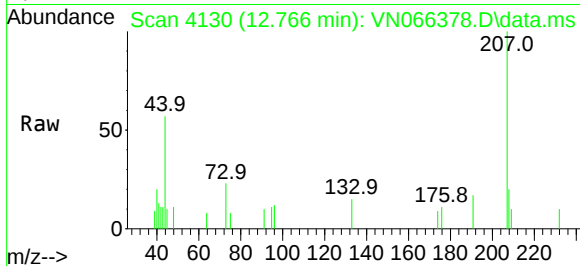




#82
4-Chlorotoluene
Concen: 0.00 ug/l
RT: 12.766 min Scan# 4130
Delta R.T. 0.051 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

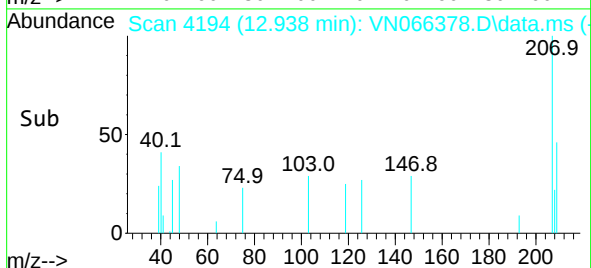
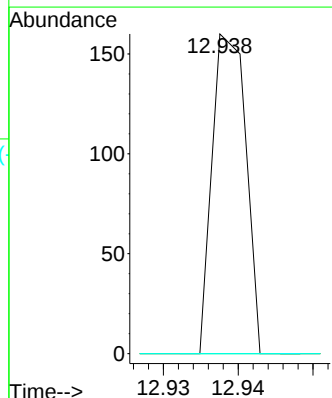
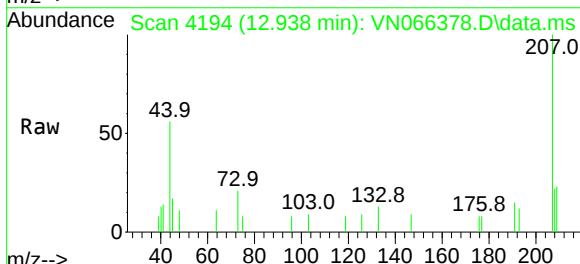
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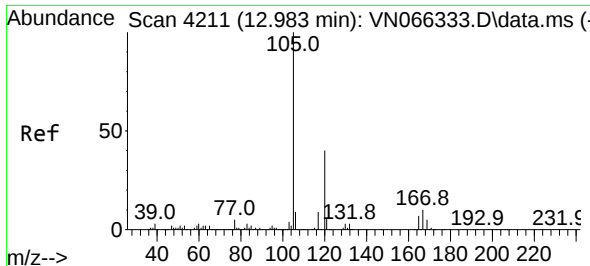
Tgt Ion: 91 Resp: 54
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#



#83
tert-Butylbenzene
Concen: 0.00 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 119 Resp: 50
Ion Ratio Lower Upper
119 100
91 0.0 33.3 99.8#
134 0.0 12.9 38.6#

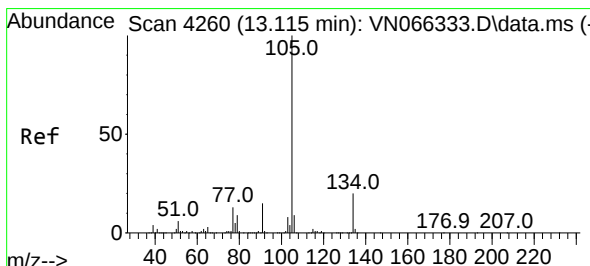
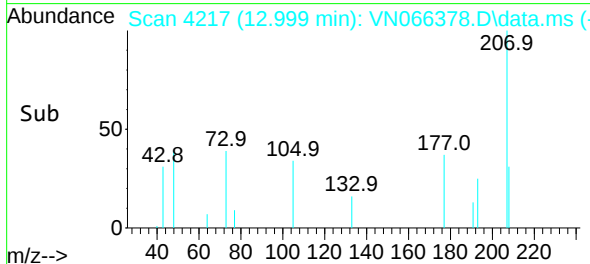
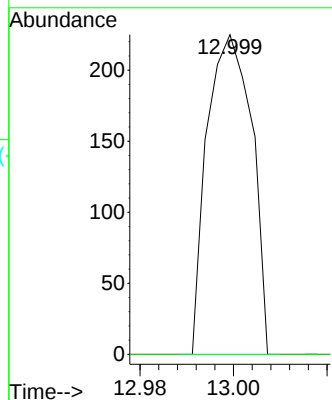
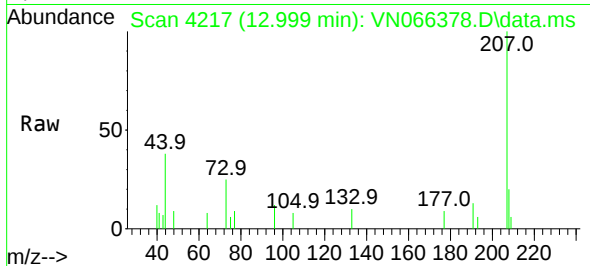




#84
1,2,4-Trimethylbenzene
Concen: 0.01 ug/l
RT: 12.999 min Scan# 4217
Delta R.T. 0.016 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

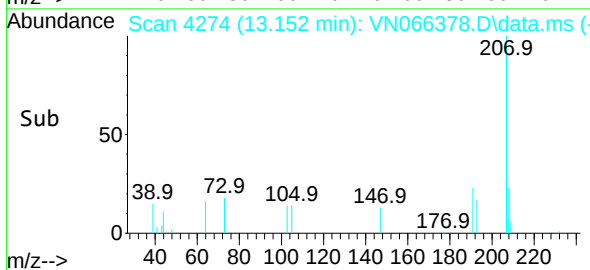
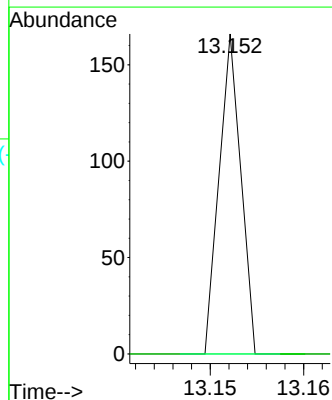
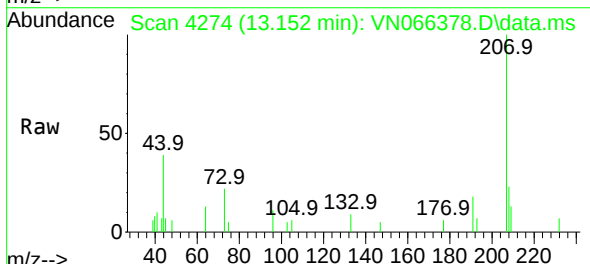
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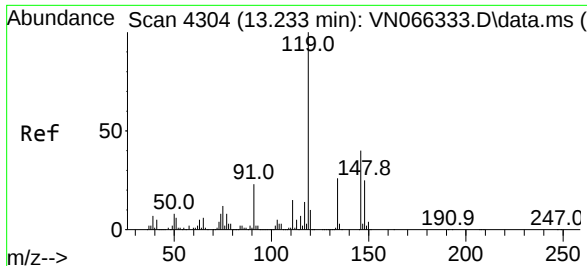
Tgt Ion:105 Resp: 149
Ion Ratio Lower Upper
105 100
120 0.0 23.1 69.2#



#85
sec-Butylbenzene
Concen: 0.00 ug/l
RT: 13.152 min Scan# 4274
Delta R.T. 0.037 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion:105 Resp: 27
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

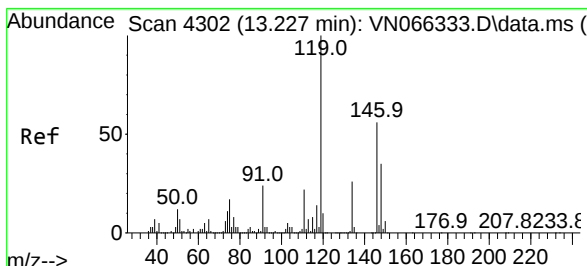
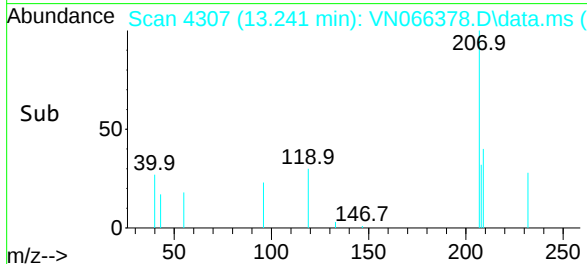
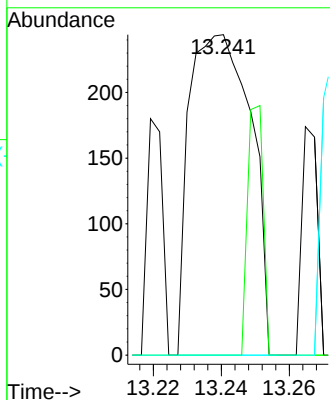
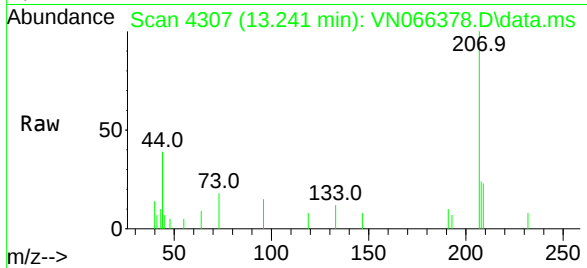




#86
p-Isopropyltoluene
Concen: 0.02 ug/l
RT: 13.241 min Scan# 4307
Delta R.T. 0.008 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

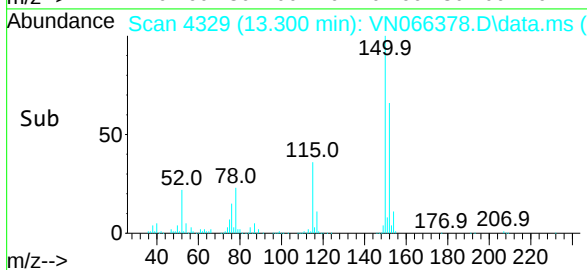
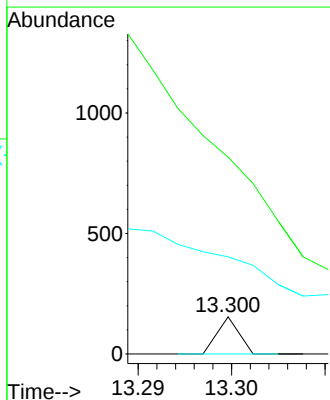
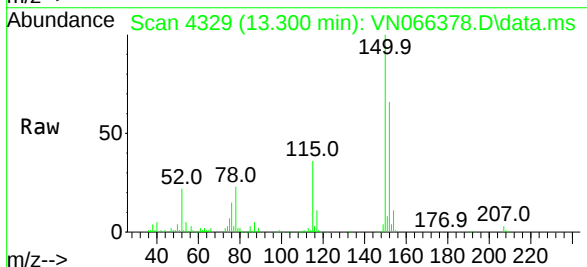
Instrument :
MSVOA_N
ClientSampled :
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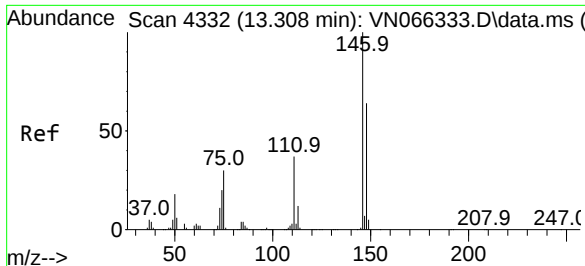
Tgt Ion:119 Resp: 306
Ion Ratio Lower Upper
119 100
134 19.9 12.9 38.7
91 0.0 11.5 34.5#



#87
1,3-Dichlorobenzene
Concen: 0.00 ug/l
RT: 13.300 min Scan# 4329
Delta R.T. 0.072 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion:146 Resp: 25
Ion Ratio Lower Upper
146 100
111 9944.0 19.4 58.1#
148 3116.0 31.8 95.4#

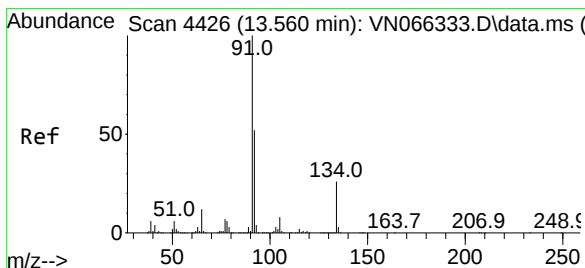
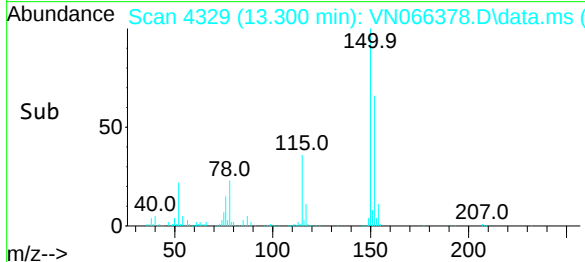
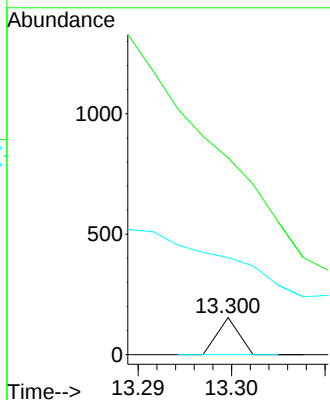
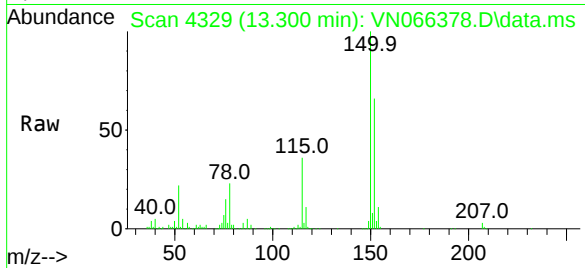




#88
1,4-Dichlorobenzene
Concen: 0.00 ug/l
RT: 13.300 min Scan# 4329
Delta R.T. -0.008 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

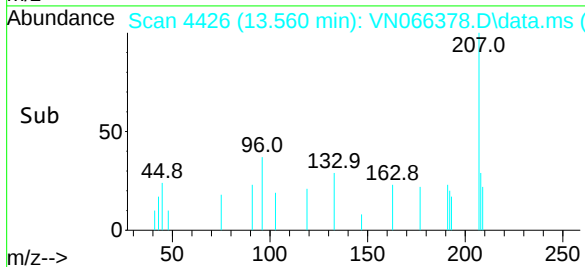
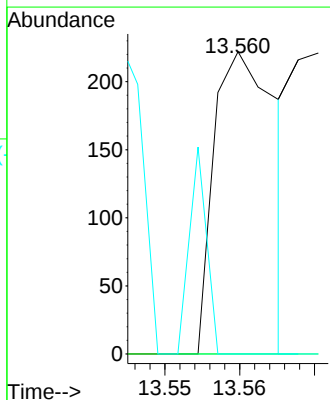
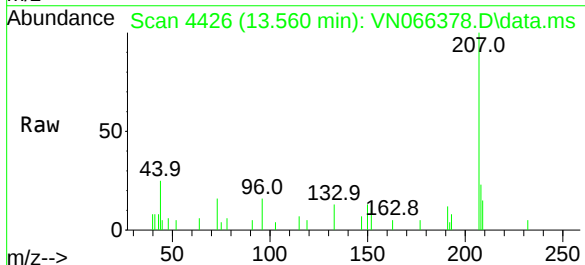
Instrument :
MSVOA_N
ClientSampled :
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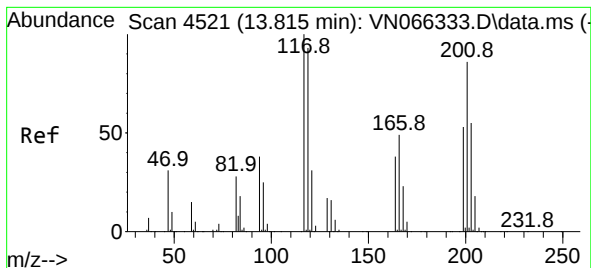
Tgt Ion:146 Resp: 25
Ion Ratio Lower Upper
146 100
111 9944.0 18.3 54.9#
148 3116.0 31.9 95.9#



#89
n-Butylbenzene
Concen: 0.01 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. -0.000 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 91 Resp: 128
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 18.8 12.8 38.4

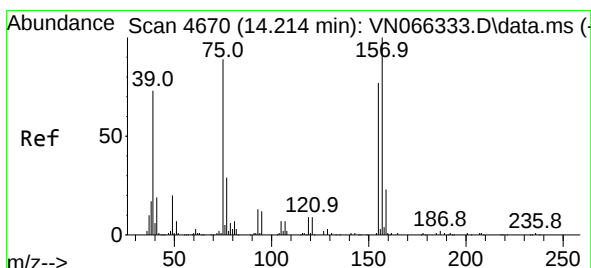
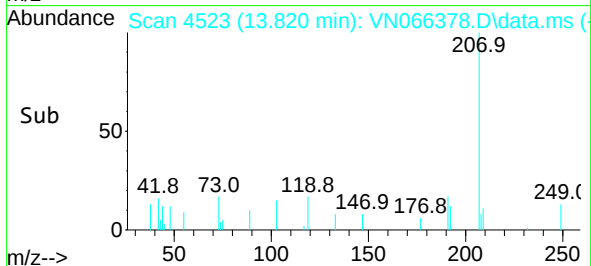
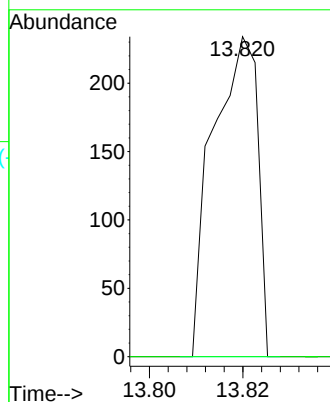
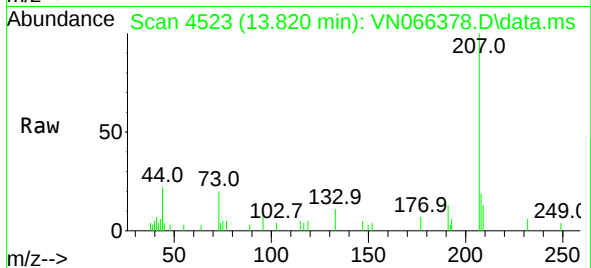




#90
Hexachloroethane
Concen: 0.06 ug/l
RT: 13.820 min Scan# 4523
Delta R.T. 0.005 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

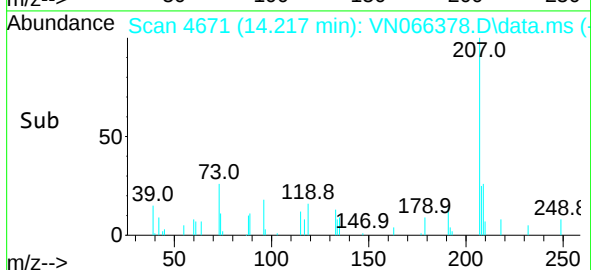
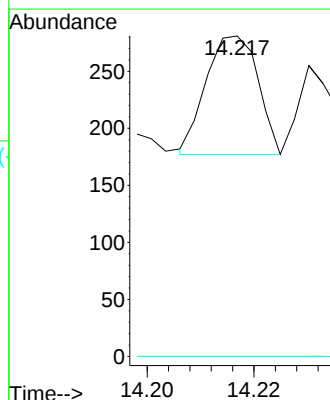
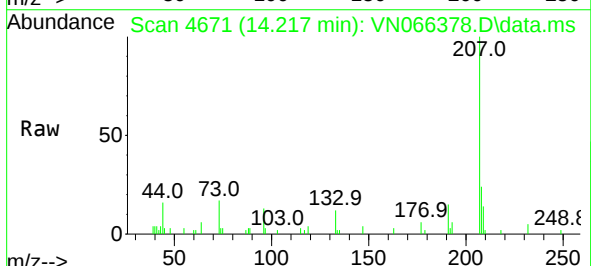
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MSVOA_N
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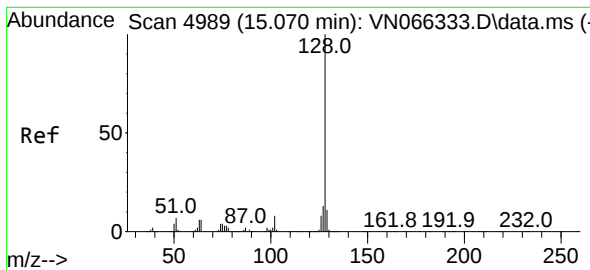
Tgt Ion:117 Resp: 156
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.07 ug/l
RT: 14.217 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

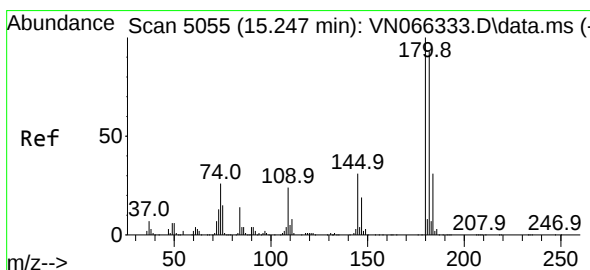
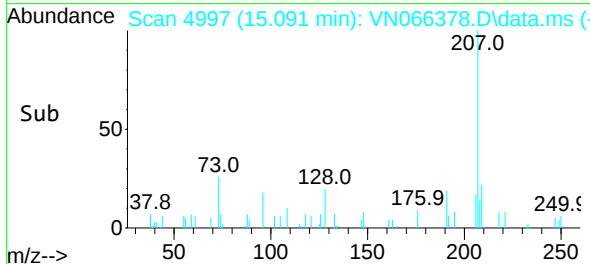
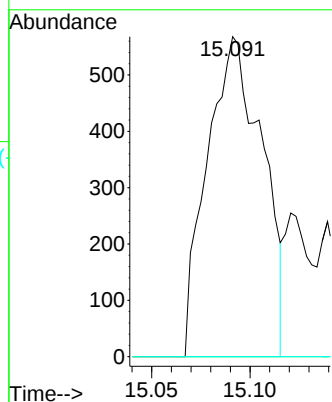
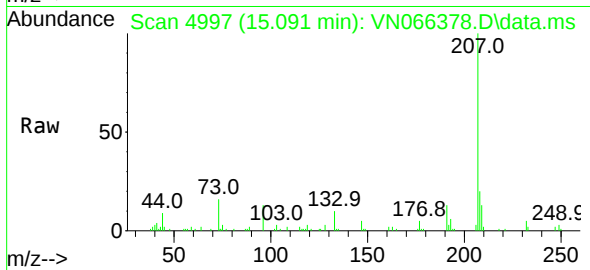




#95
Naphthalene
Concen: 1.13 ug/l
RT: 15.091 min Scan# 4997
Delta R.T. 0.021 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tgt Ion:128 Resp: 1107
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.04 ug/l
RT: 15.271 min Scan# 5064
Delta R.T. 0.024 min
Lab File: VN066378.D
Acq: 29 Mar 2021 15:48

Tgt Ion:180 Resp: 166
Ion Ratio Lower Upper
180 100
182 15.1 47.6 142.9#
145 0.0 15.4 46.1#

