

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067327.D
 Acq On : 14 Jun 2021 18:01
 Operator : JC/MD
 Sample : M2262-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

Manual Integrations
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Quant Time: Jun 15 04:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	354668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	694086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	607278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	230322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	347050	49.602	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.200%		
35) Dibromofluoromethane	8.024	113	227545	49.293	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	10.443	98	838381	47.384	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.760%		
62) 4-Bromofluorobenzene	12.736	95	318098	43.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	1144	0.220	ug/l	78
3) Chloromethane	2.303	50	2195	0.408	ug/l	93
4) Vinyl Chloride	2.443	62	1336	0.253	ug/l #	79
5) Bromomethane	2.869	94	2381m	1.063	ug/l	
6) Chloroethane	3.019	64	917m	0.283	ug/l	
7) Trichlorofluoromethane	3.365	101	1641m	0.224	ug/l	
8) Diethyl Ether	3.824	74	827m	0.277	ug/l	
11) Tert butyl alcohol	5.417	59	1174m	1.019	ug/l	
12) 1,1-Dichloroethene	4.170	96	1086m	0.255	ug/l	
13) Acrolein	4.044	56	2175m	3.025	ug/l	
14) Allyl chloride	4.822	41	3912m	0.414	ug/l	
15) Acrylonitrile	5.565	53	2391	0.946	ug/l #	42
16) Acetone	4.301	43	5120	1.907	ug/l	91
17) Carbon Disulfide	4.524	76	4803	0.350	ug/l #	87
18) Methyl Acetate	4.854	43	4344m	0.667	ug/l	
20) Methylene Chloride	5.090	84	3485m	0.624	ug/l	
21) trans-1,2-Dichloroethene	5.602	96	1069	0.227	ug/l #	68
23) Vinyl Acetate	6.439	43	15266	0.956	ug/l	97
24) 1,1-Dichloroethane	6.396	63	2011m	0.206	ug/l	
25) 2-Butanone	7.353	43	5240m	1.366	ug/l	
26) 2,2-Dichloropropane	7.321	77	3124m	0.315	ug/l	
27) cis-1,2-Dichloroethene	7.327	96	1267m	0.228	ug/l	
29) Tetrahydrofuran	7.702	42	3063m	1.266	ug/l	
30) Chloroform	7.820	83	2120	0.207	ug/l #	77
31) Cyclohexane	8.083	56	13294	1.398	ug/l #	34
36) 1,1-Dichloropropene	8.212	75	2051m	0.264	ug/l	
37) Ethyl Acetate	7.437	43	3292m	0.399	ug/l	
38) Carbon Tetrachloride	8.209	117	2035m	0.243	ug/l	
39) Methylcyclohexane	9.456	83	2074	0.252	ug/l #	79
40) Benzene	8.461	78	4398	0.203	ug/l #	81
41) Methacrylonitrile	7.643	41	1940m	0.453	ug/l	
42) 1,2-Dichloroethane	8.536	62	2398m	0.261	ug/l	
43) Isopropyl Acetate	8.574	43	3779	0.255	ug/l #	77
44) Trichloroethene	9.223	130	1141	0.225	ug/l	42
47) Bromodichloromethane	9.762	83	1769	0.200	ug/l #	87
48) Methyl methacrylate	9.563	41	2369m	0.351	ug/l	

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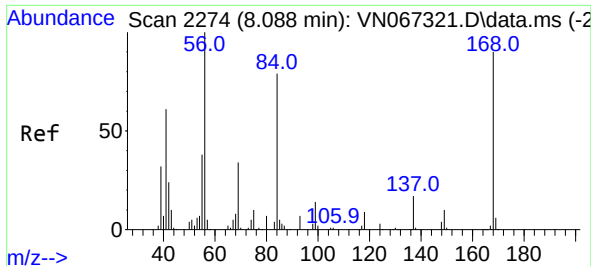
Manual Integrations
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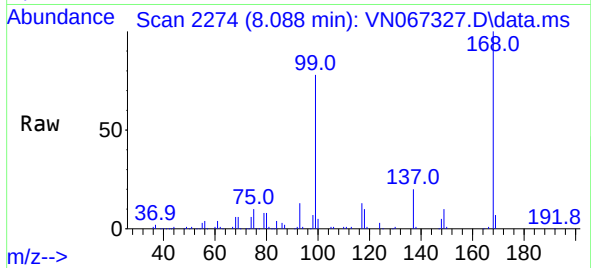
Quant Time: Jun 15 04:40:54 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	9.590	88	218m	2.361	ug/l	
51) 4-Methyl-2-Pentanone	10.336	43	9674	1.136	ug/l	92
53) t-1,3-Dichloropropene	10.725	75	2224	0.227	ug/l	94
55) 1,1,2-Trichloroethane	10.907	97	1182	0.224	ug/l #	83
56) Ethyl methacrylate	10.762	69	2189	0.231	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.043	63	4850	1.756	ug/l	99
59) 2-Hexanone	11.087	43	6884	1.103	ug/l	93
64) Tetrachloroethene	10.988	164	1041	0.241	ug/l #	83
65) Chlorobenzene	11.773	112	3104	0.235	ug/l	94
67) Ethyl Benzene	11.846	91	5841	0.224	ug/l	99
68) m/p-Xylenes	11.961	106	3790	0.408	ug/l	92
69) o-Xylene	12.286	106	2142	0.236	ug/l	95
70) Styrene	12.296	104	3117	0.206	ug/l #	74
73) Isopropylbenzene	12.586	105	5220	0.236	ug/l	94
74) N-amyl acetate	12.398	43	3571m	0.331	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.833	83	1553	0.236	ug/l #	94
76) 1,2,3-Trichloropropane	12.889	75	1452m	0.243	ug/l	
78) n-propylbenzene	12.927	91	6569	0.250	ug/l	84
79) 2-Chlorotoluene	13.012	91	4158	0.254	ug/l	75
80) 1,3,5-Trimethylbenzene	13.063	105	4615	0.248	ug/l	90
82) 4-Chlorotoluene	13.109	91	4472	0.274	ug/l	96
83) tert-Butylbenzene	13.332	119	3695	0.249	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	4315	0.235	ug/l	98
85) sec-Butylbenzene	13.506	105	4571	0.218	ug/l	95
86) p-Isopropyltoluene	13.619	119	4588	0.271	ug/l #	87
87) 1,3-Dichlorobenzene	13.624	146	2096	0.258	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	2805m	0.344	ug/l	
89) n-Butylbenzene	13.948	91	4648	0.292	ug/l	99
91) 1,2-Dichlorobenzene	13.994	146	1820	0.236	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.611	75	467	0.284	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.268	180	1445	0.359	ug/l	93
94) Hexachlorobutadiene	15.375	225	536	0.232	ug/l #	36
95) Naphthalene	15.512	128	6303	0.514	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.708	180	1330	0.344	ug/l	73

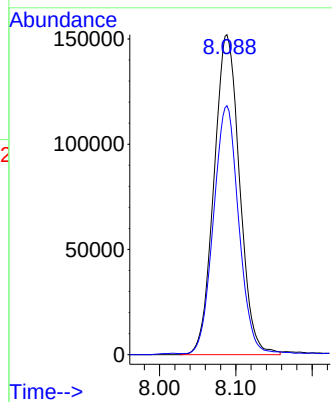
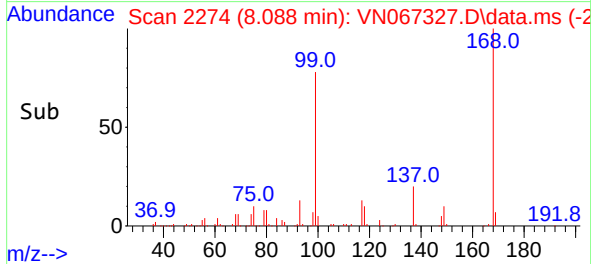
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067327.D
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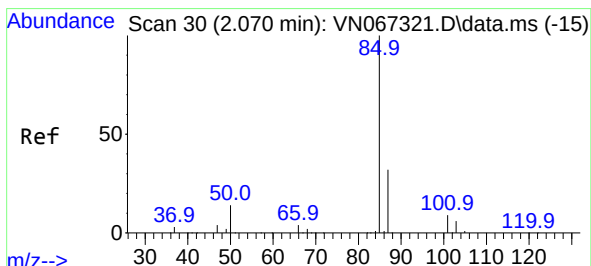
Tgt Ion: 168 Resp: 354668
Ion Ratio Lower Upper
168 100
99 77.4 62.9 94.3



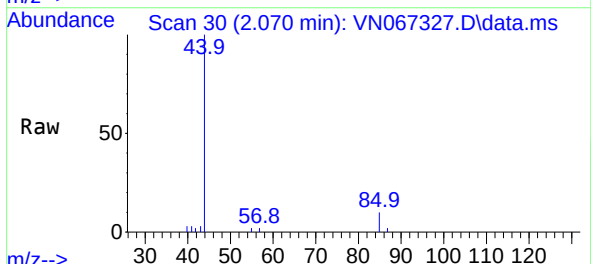
Instrument :
MSVOA_N
ClientSampleId :
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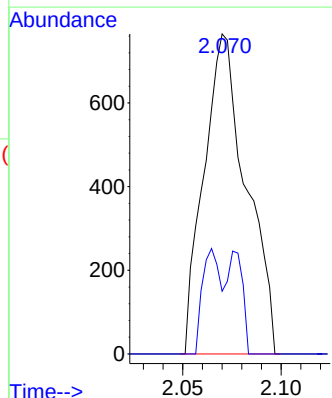
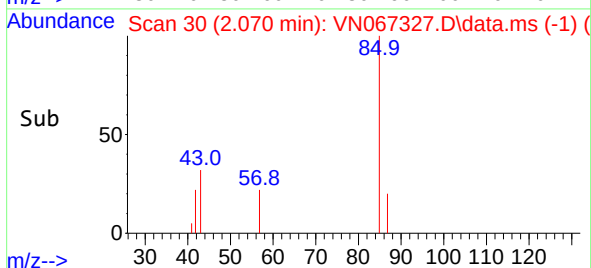
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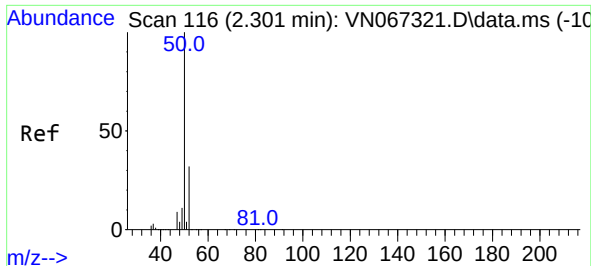


#2
Dichlorodifluoromethane
Concen: 0.220 ug/l
RT: 2.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 85 Resp: 1144
Ion Ratio Lower Upper
85 100
87 19.6 16.1 48.2





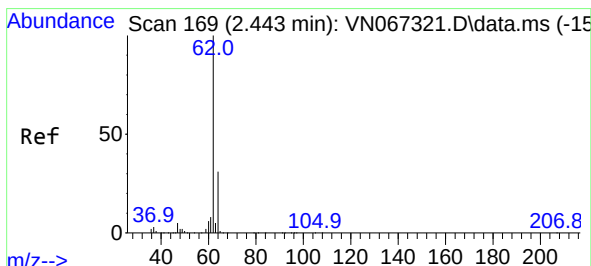
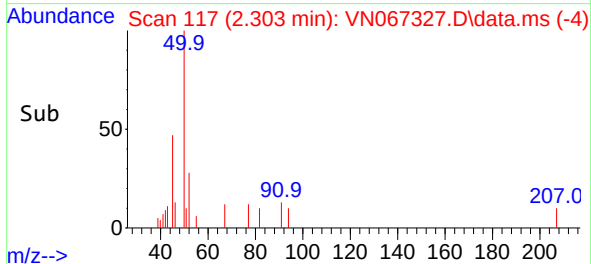
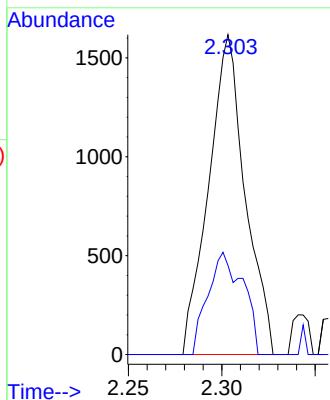
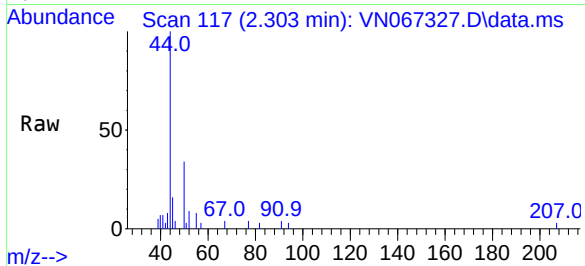
#3
Chloromethane
Concen: 0.408 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 50 Resp: 2195
Ion Ratio Lower Upper
50 100
52 27.9 25.6 38.4

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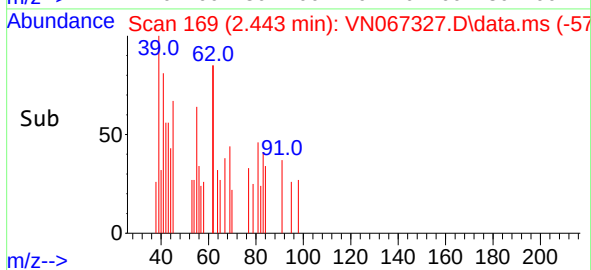
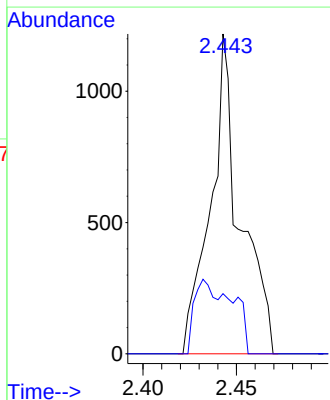
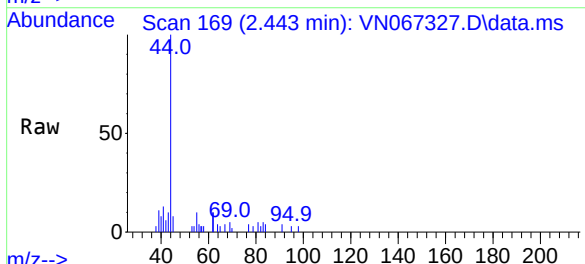
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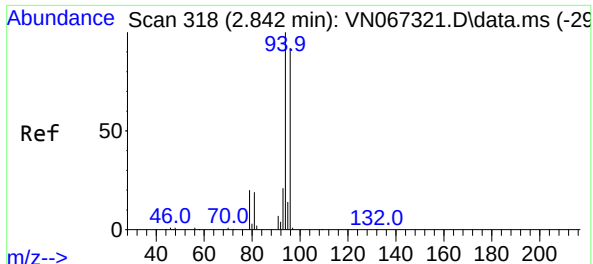
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#4
Vinyl Chloride
Concen: 0.253 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 62 Resp: 1336
Ion Ratio Lower Upper
62 100
64 18.8 24.4 36.6#





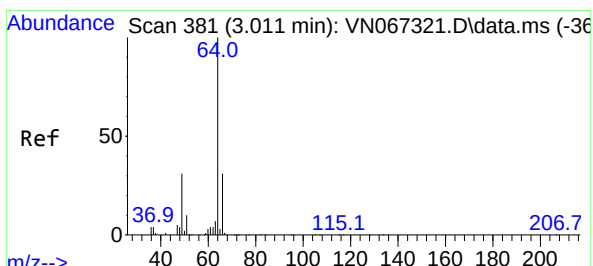
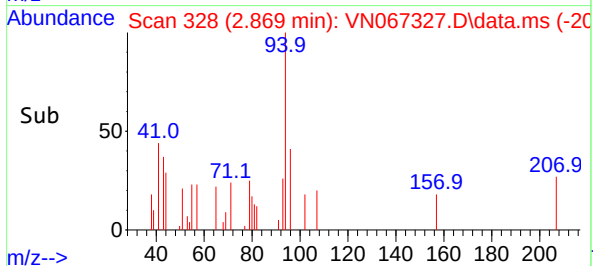
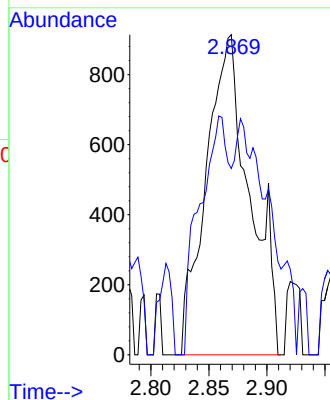
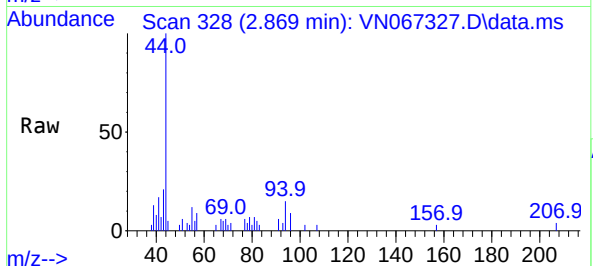
#5
Bromomethane
Concen: 1.063 ug/l m
RT: 2.869 min Scan# 328
Delta R.T. 0.027 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 94 Resp: 2381
Ion Ratio Lower Upper
94 100
96 58.2 73.7 110.5#

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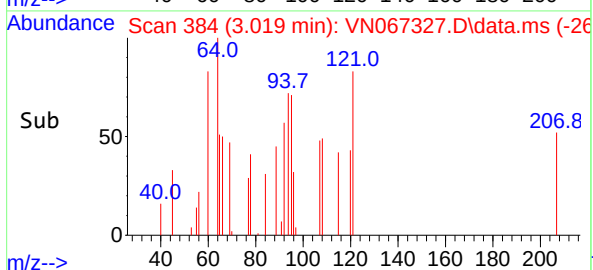
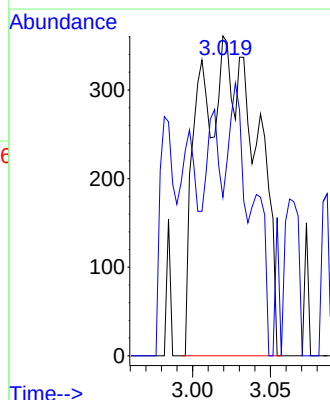
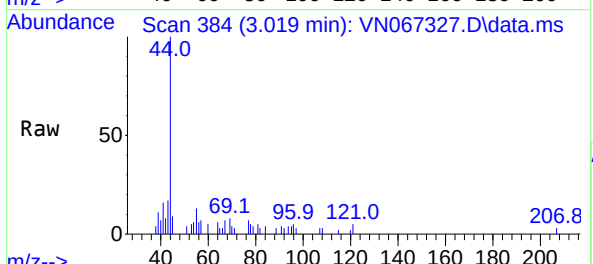
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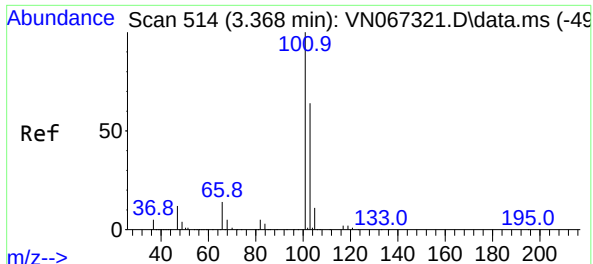
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#6
Chloroethane
Concen: 0.283 ug/l m
RT: 3.019 min Scan# 384
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 64 Resp: 917
Ion Ratio Lower Upper
64 100
66 49.6 24.7 37.1#





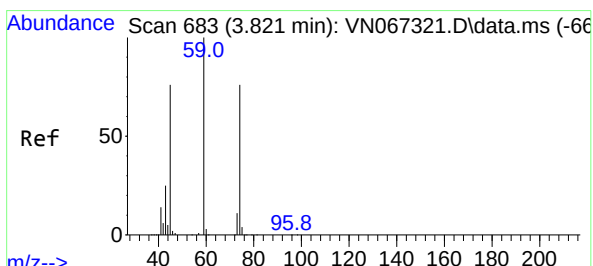
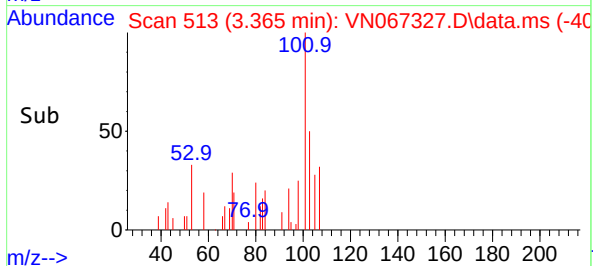
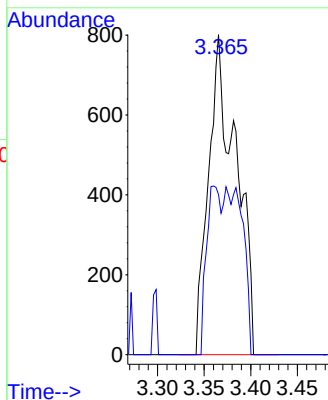
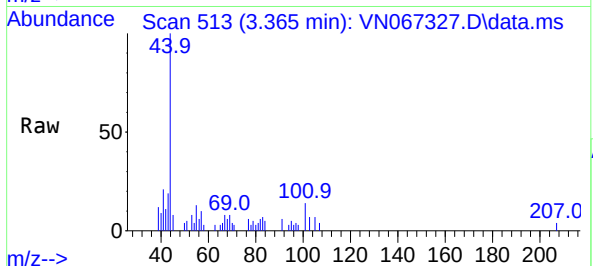
#7
Trichlorofluoromethane
Concen: 0.224 ug/l m
RT: 3.365 min Scan# 513
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:101 Resp: 1641
Ion Ratio Lower Upper
101 100
103 50.1 51.2 76.8#

Instrument :
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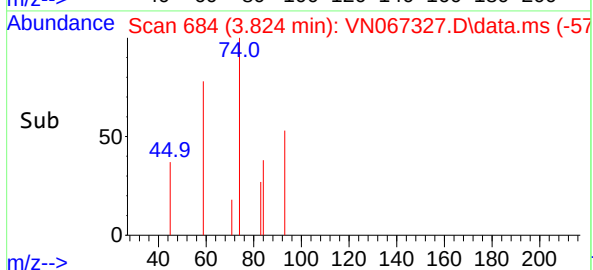
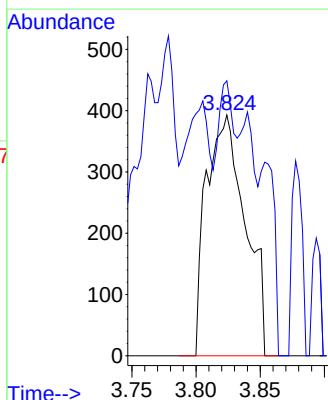
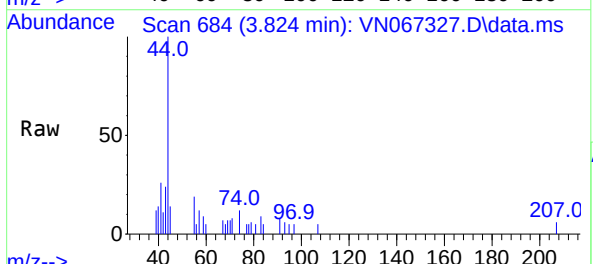
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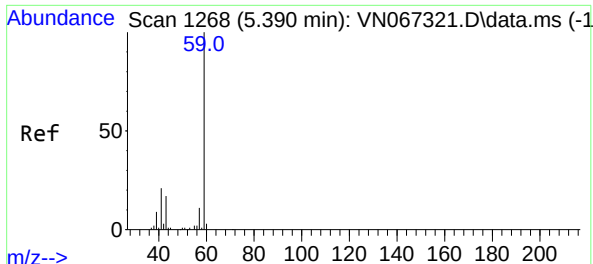
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#8
Diethyl Ether
Concen: 0.277 ug/l m
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

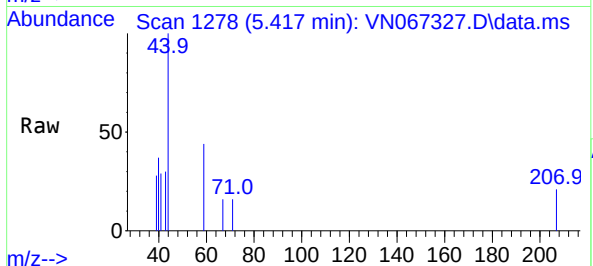
Tgt Ion: 74 Resp: 827
Ion Ratio Lower Upper
74 100
45 3.7 50.2 150.7#





#11
Tert butyl alcohol
Concen: 1.019 ug/l m
RT: 5.417 min Scan# 1278
Delta R.T. 0.027 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

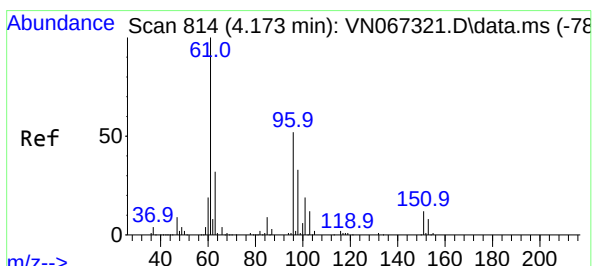
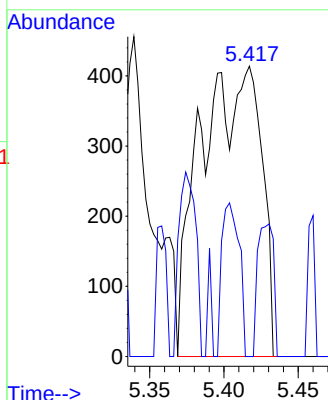
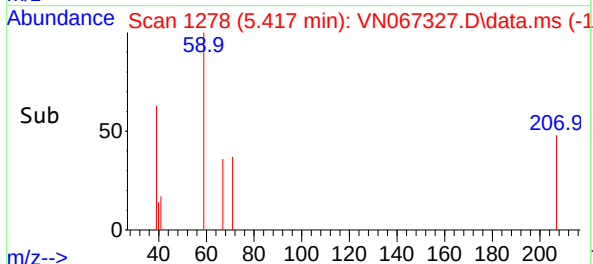
Instrument :
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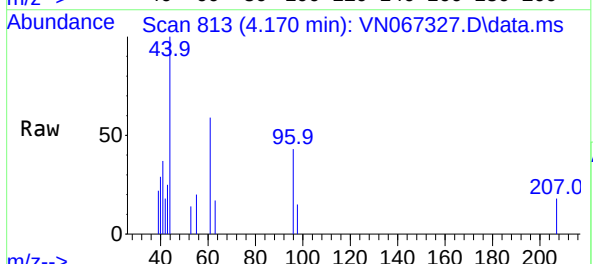
Tgt Ion: 59 Resp: 1174
Ion Ratio Lower Upper
59 100
57 15.2 8.7 13.1#

Manual Integrations
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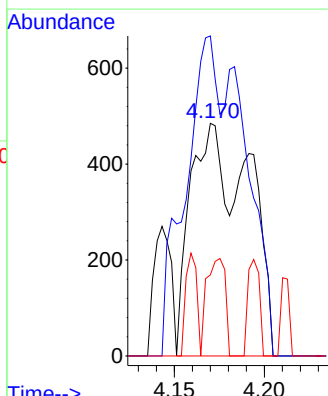
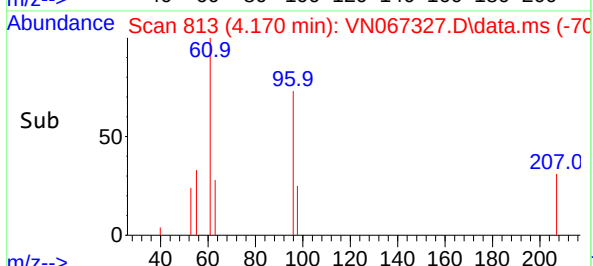
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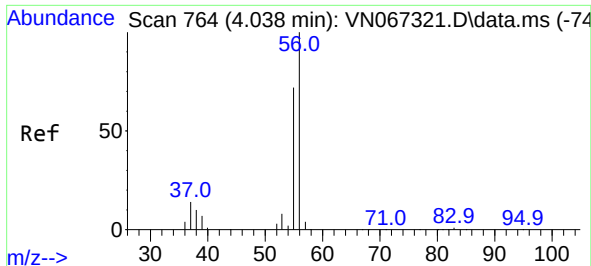


#12
1,1-Dichloroethene
Concen: 0.255 ug/l m
RT: 4.170 min Scan# 813
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 96 Resp: 1086
Ion Ratio Lower Upper
96 100
61 137.5 152.6 229.0#
98 34.8 50.9 76.3#





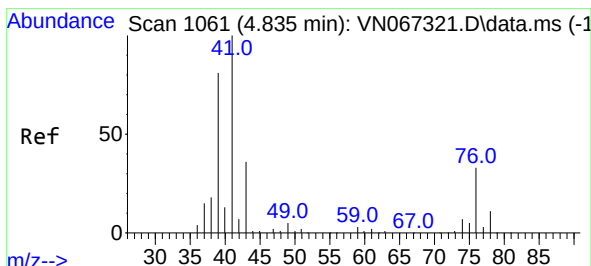
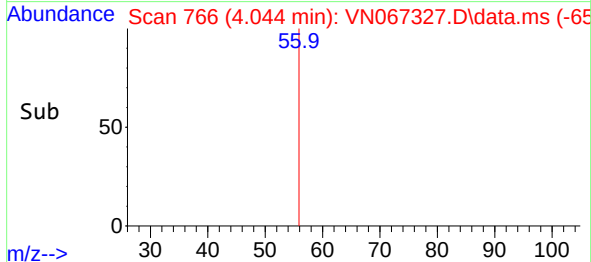
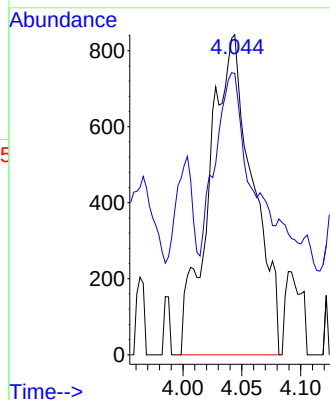
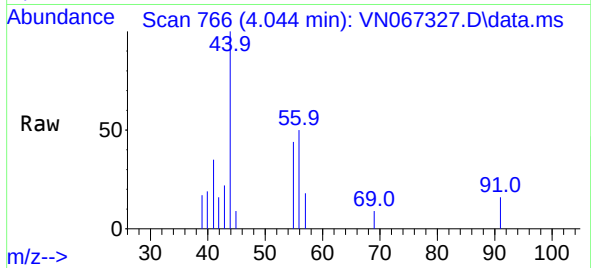
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Acrolein
Concen: 3.025 ug/l m
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 56 Resp: 2175
Ion Ratio Lower Upper
56 100
55 43.5 57.4 86.0#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

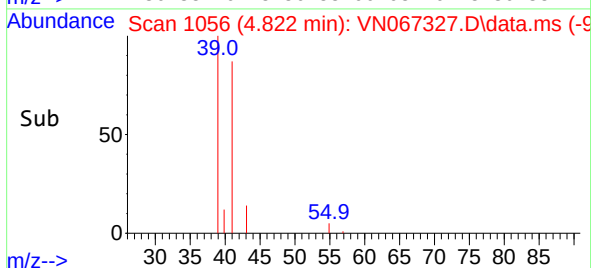
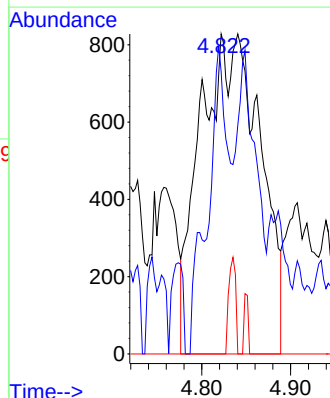
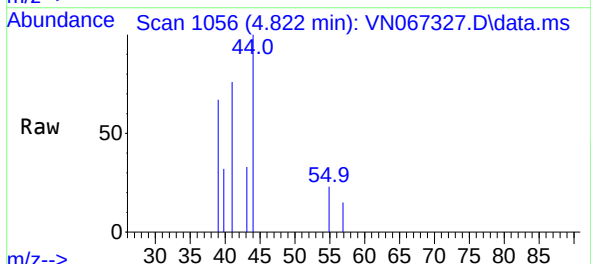
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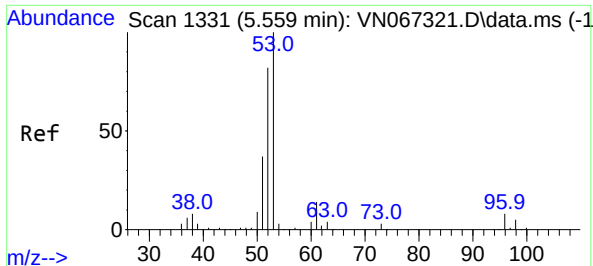
MMDadoda
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#14
Allyl chloride
Concen: 0.414 ug/l m
RT: 4.822 min Scan# 1056
Delta R.T. -0.013 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 41 Resp: 3912
Ion Ratio Lower Upper
41 100
39 0.0 60.9 91.3#
76 3.4 24.3 36.5#





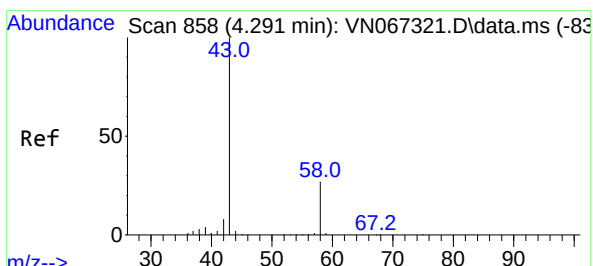
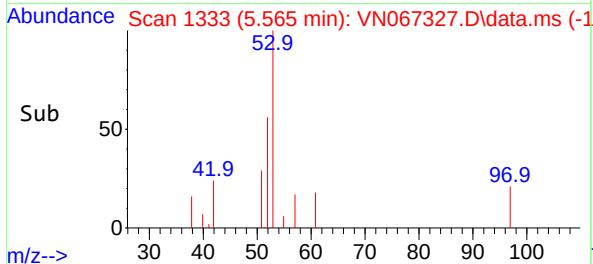
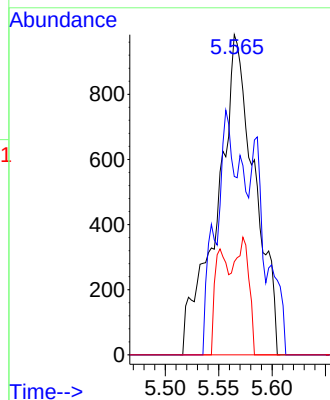
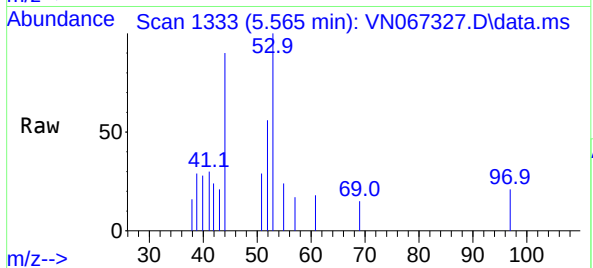
#15
Acrylonitrile
Concen: 0.946 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 53 Resp: 2391
Ion Ratio Lower Upper
53 100
52 24.4 66.2 99.2#
51 11.3 30.2 45.4#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

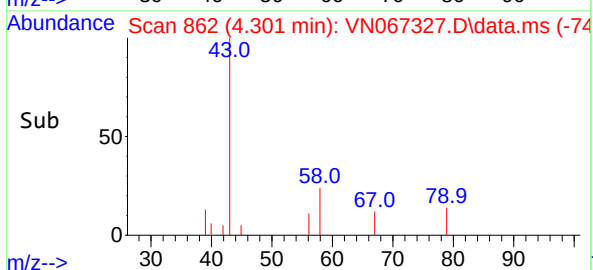
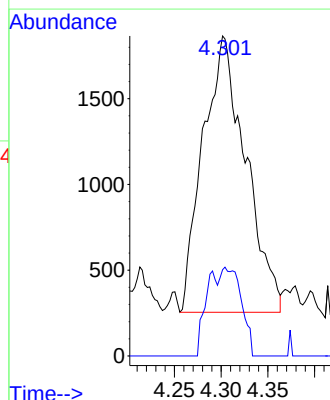
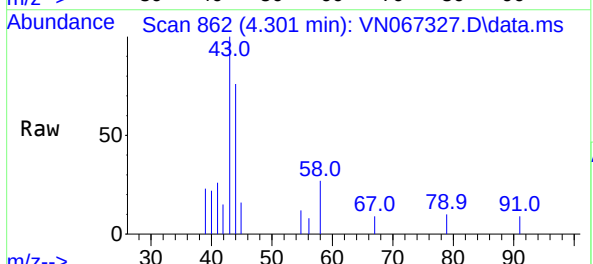
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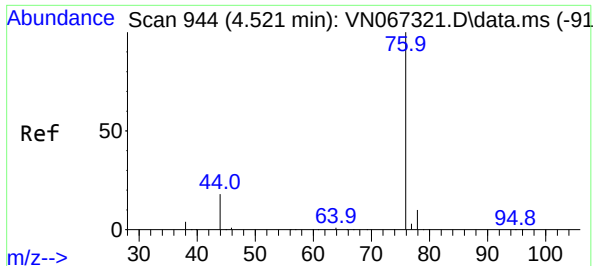
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#16
Acetone
Concen: 1.907 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 5120
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8





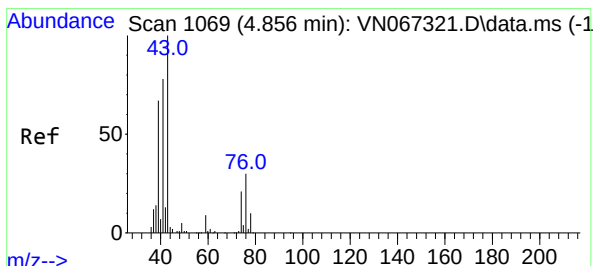
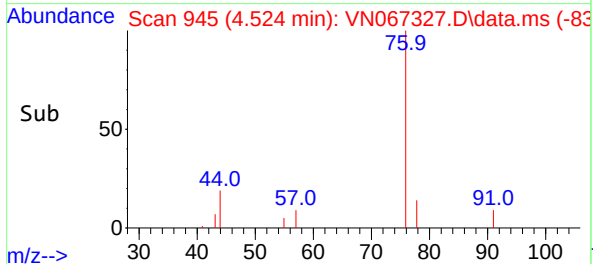
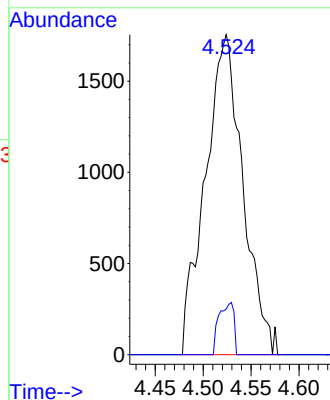
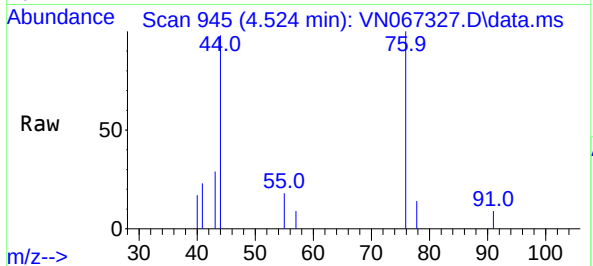
#17
Carbon Disulfide
Concen: 0.350 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 76 Resp: 4803
Ion Ratio Lower Upper
76 100
78 14.2 7.7 11.5#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

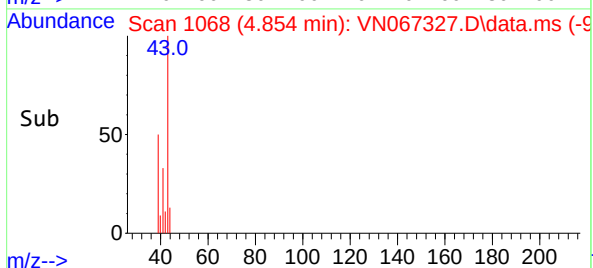
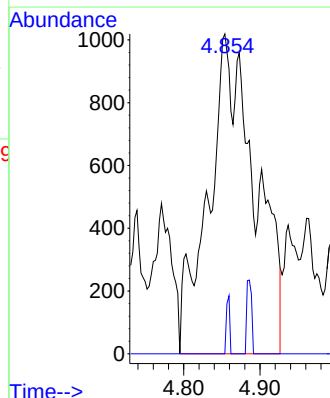
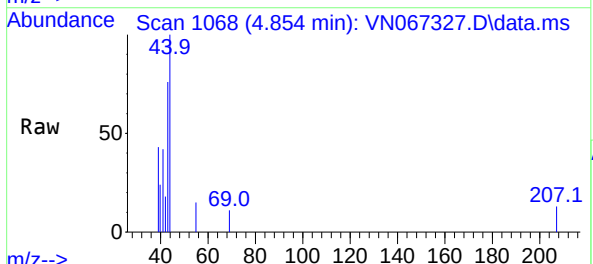
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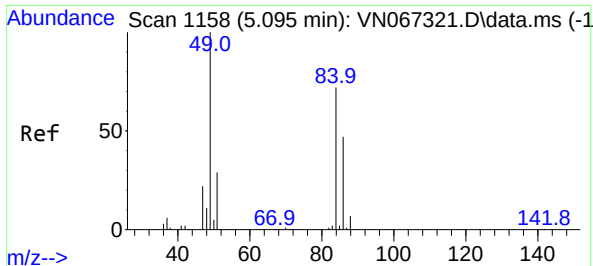
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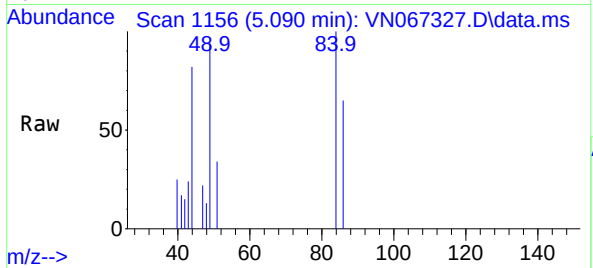
#18
Methyl Acetate
Concen: 0.667 ug/l m
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
74 1.3 17.4 26.0#



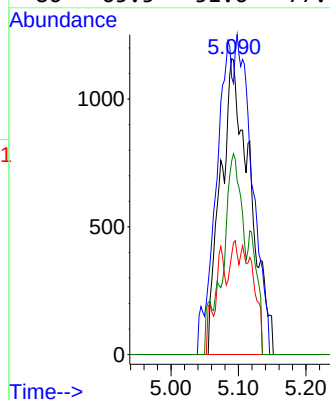


#20
Methylene Chloride
Concen: 0.624 ug/l m
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 84 Resp: 3485

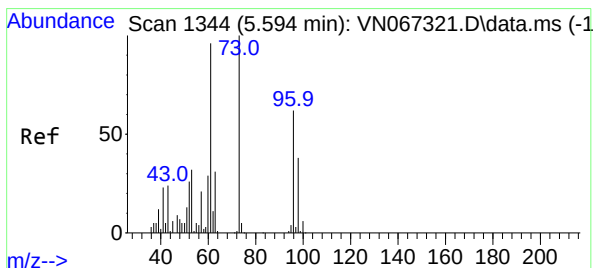
Ion	Ratio	Lower	Upper
84	100		
49	93.6	110.9	166.3#
51	33.9	32.6	49.0
86	65.5	51.6	77.4



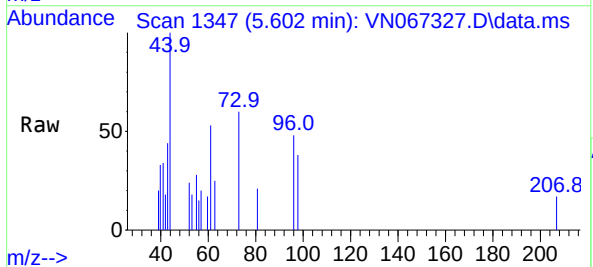
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

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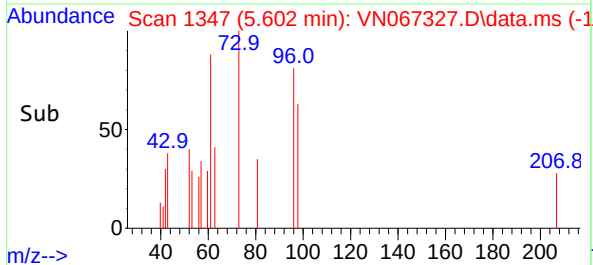
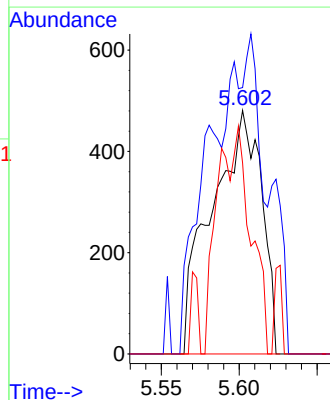


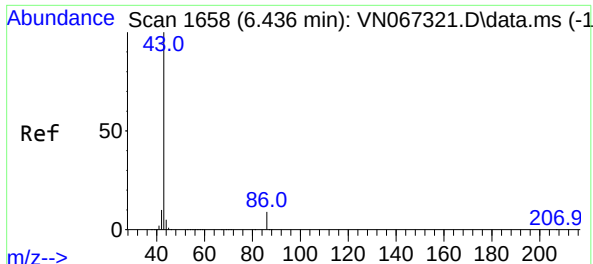
#21
trans-1,2-Dichloroethene
Concen: 0.227 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 96 Resp: 1069

Ion	Ratio	Lower	Upper
96	100		
61	109.4	123.5	185.3#
98	78.4	48.6	72.8#





#23

Vinyl Acetate

Concen: 0.956 ug/l

RT: 6.439 min Scan# 1659

Delta R.T. 0.003 min

Lab File: VN067327.D

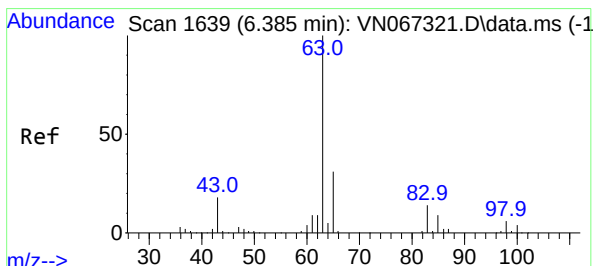
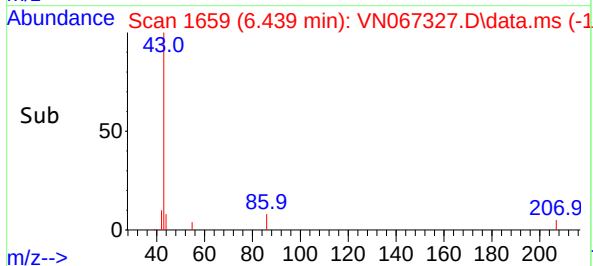
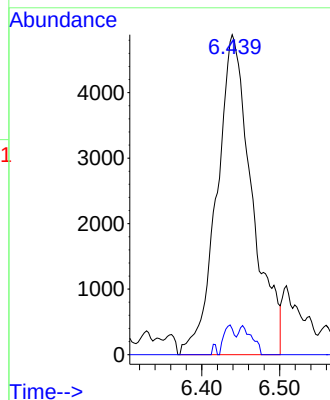
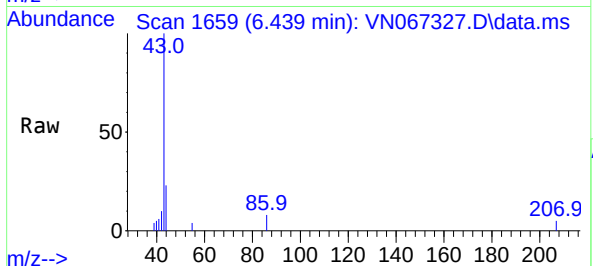
Acq: 14 Jun 2021 18:01

Tgt Ion:	43	Resp:	15266
Ion	Ratio	Lower	Upper
43	100		
86	8.1	7.3	10.9

Instrument :
MSVOA_N
ClientSampleId :
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#24

1,1-Dichloroethane

Concen: 0.206 ug/l m

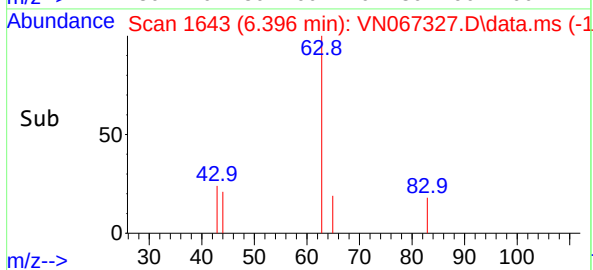
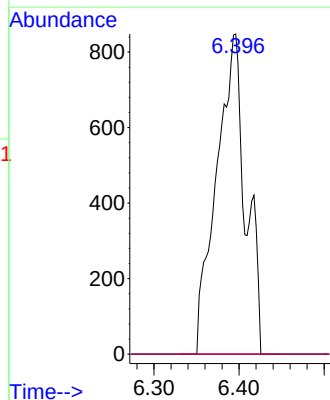
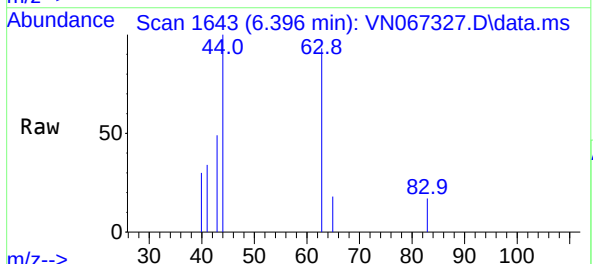
RT: 6.396 min Scan# 1643

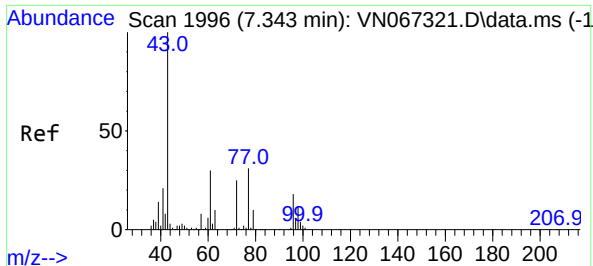
Delta R.T. 0.011 min

Lab File: VN067327.D

Acq: 14 Jun 2021 18:01

Tgt Ion:	63	Resp:	2011
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.0#
100	0.0	1.9	5.7#





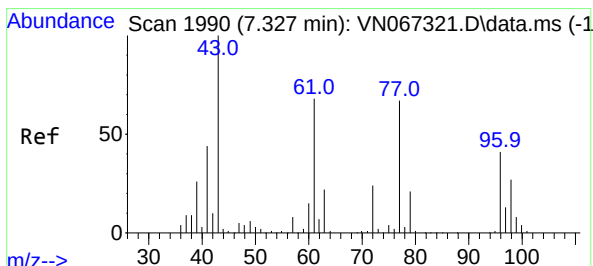
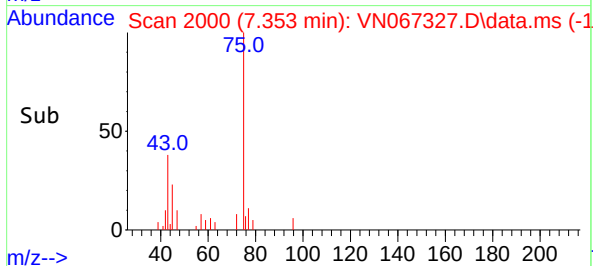
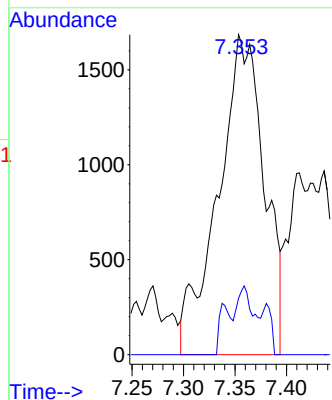
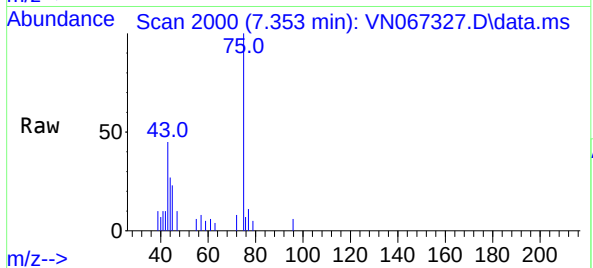
#25
2-Butanone
Concen: 1.366 ug/l m
RT: 7.353 min Scan# 2000
Delta R.T. 0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 5240
Ion Ratio Lower Upper
43 100
72 17.6 19.7 29.5#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

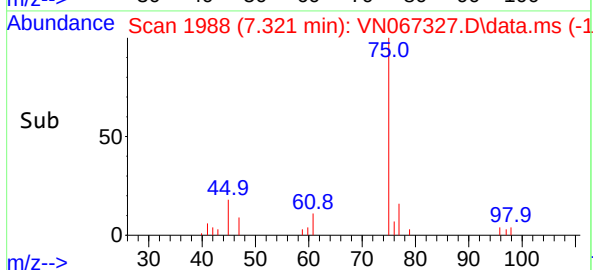
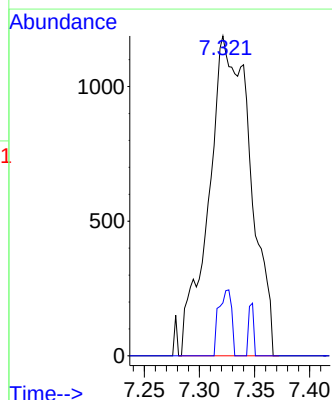
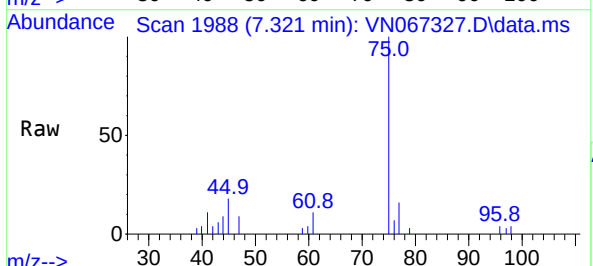
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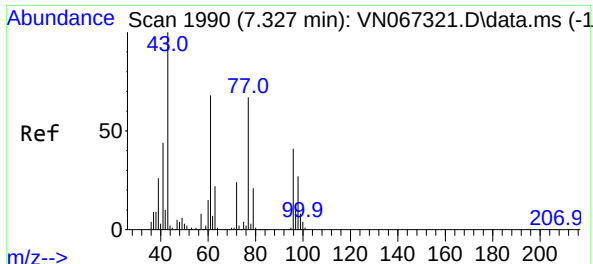
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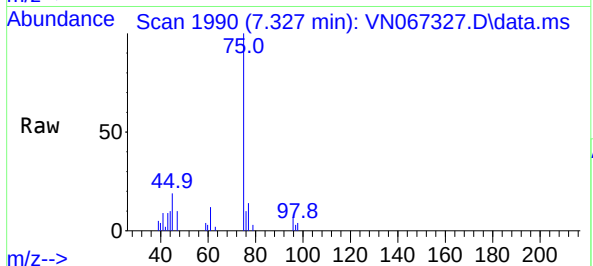
#26
2,2-Dichloropropane
Concen: 0.315 ug/l m
RT: 7.321 min Scan# 1988
Delta R.T. -0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 77 Resp: 3124
Ion Ratio Lower Upper
77 100
97 6.3 9.8 29.3#

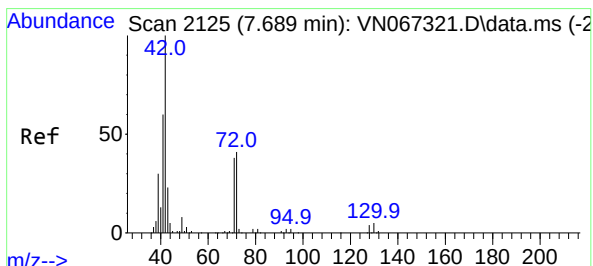
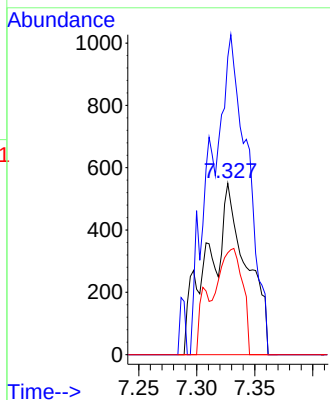
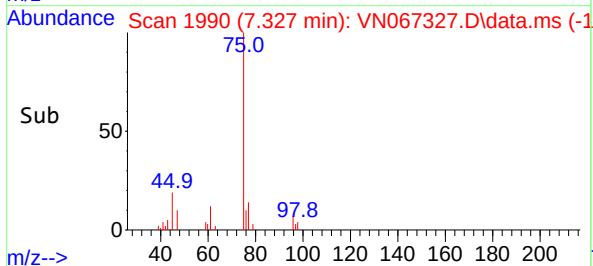




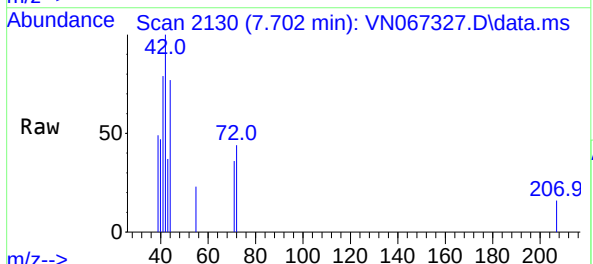
#27
cis-1,2-Dichloroethene
Concen: 0.228 ug/l m
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



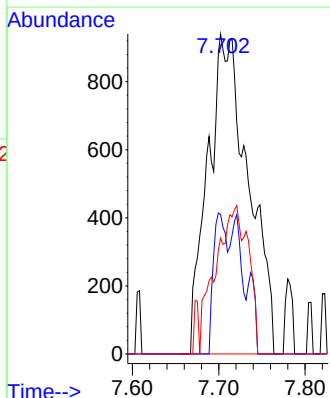
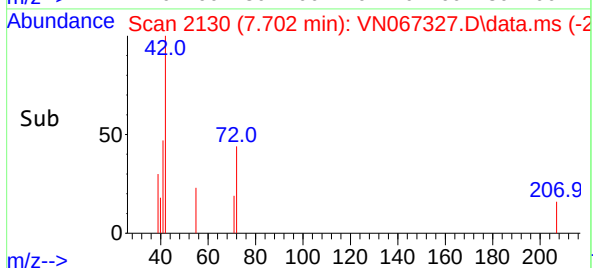
Tgt Ion:	96	Resp:	1267
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	338.8
98	38.2	0.0	129.8



#29
Tetrahydrofuran
Concen: 1.266 ug/l m
RT: 7.702 min Scan# 2130
Delta R.T. 0.014 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



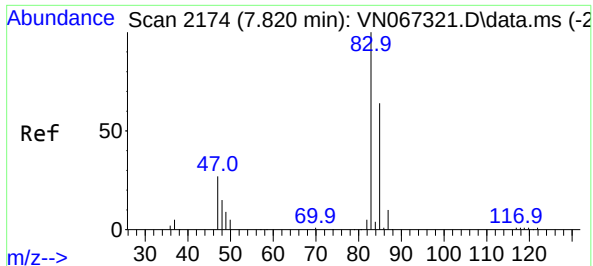
Tgt Ion:	42	Resp:	3063
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	1.6	31.2	46.8#



Instrument :
MSVOA_N
ClientSampleId :
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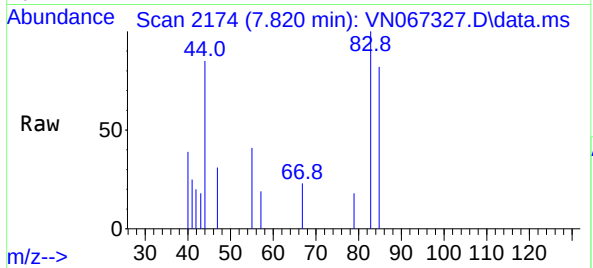
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#30

Chloroform
Concen: 0.207 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

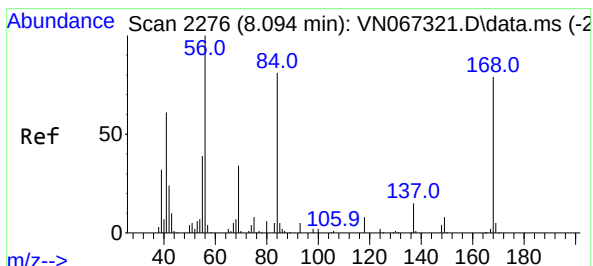
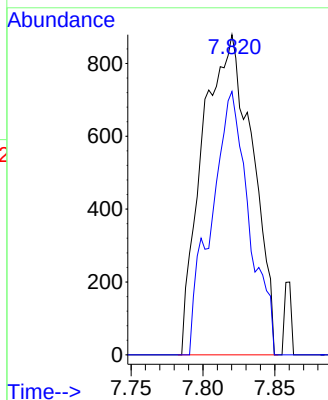
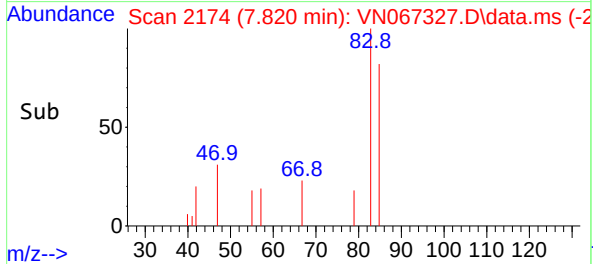
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



Tgt Ion: 83 Resp: 2120
Ion Ratio Lower Upper
83 100
85 82.3 51.5 77.3#

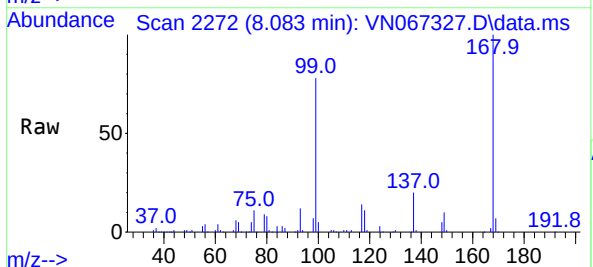
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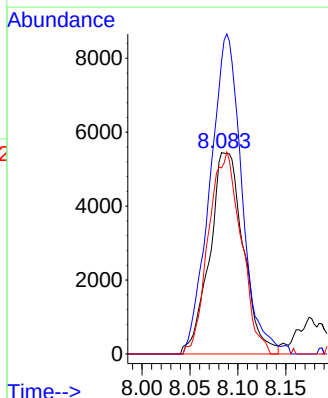
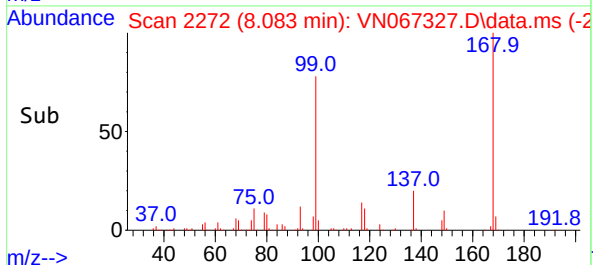


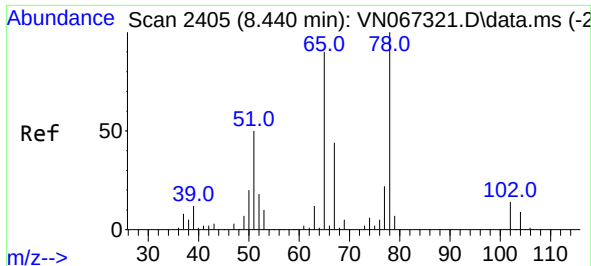
#31

Cyclohexane
Concen: 1.398 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

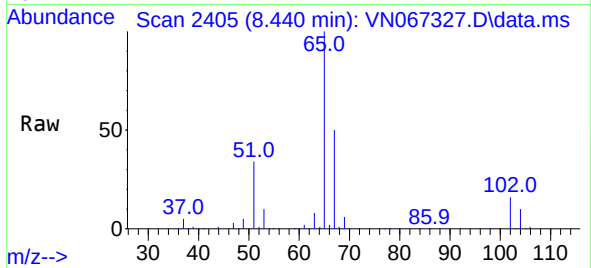


Tgt Ion: 56 Resp: 13294
Ion Ratio Lower Upper
56 100
69 145.5 27.3 40.9#
84 92.4 64.9 97.3

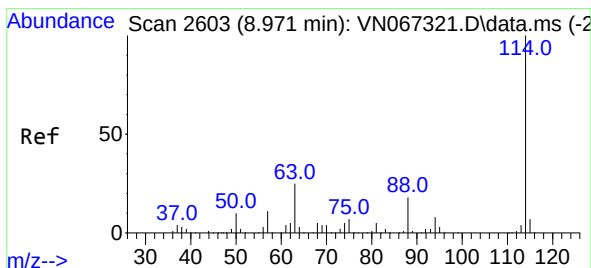
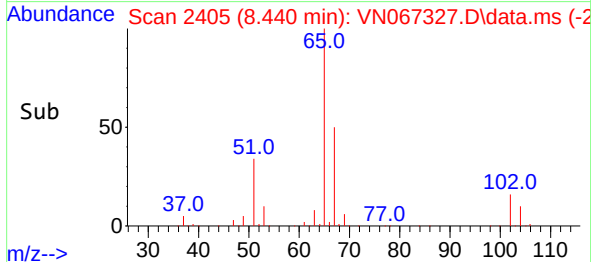
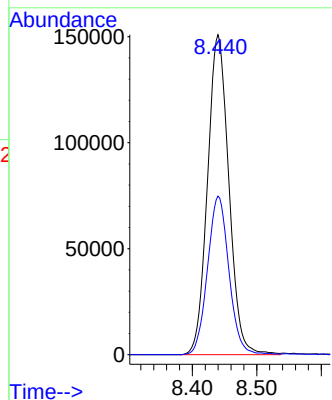




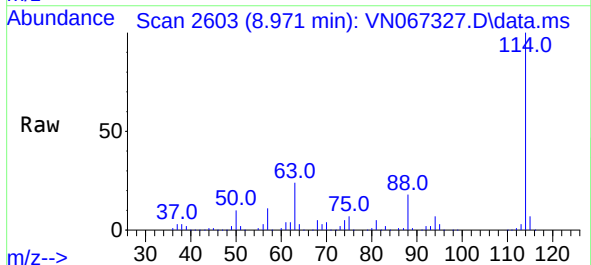
#33
 1,2-Dichloroethane-d4
 Concen: 49.602 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01



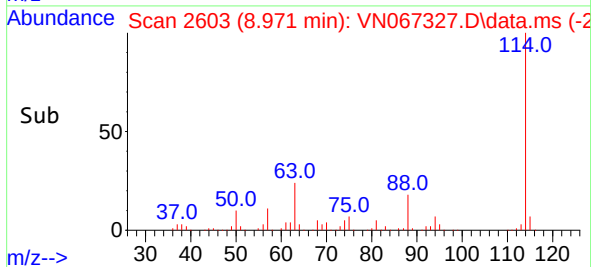
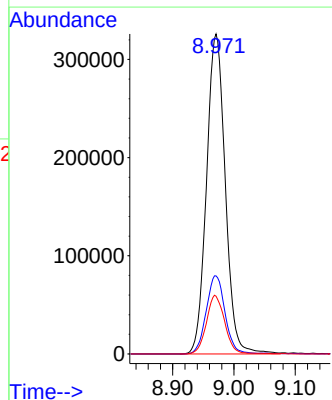
Tgt Ion: 65 Resp: 347050
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067327.D
 Acq: 14 Jun 2021 18:01



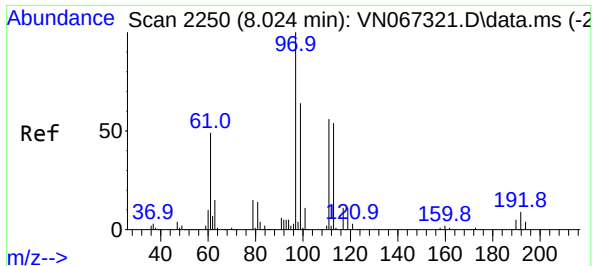
Tgt Ion: 114 Resp: 694086
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.0
 88 18.1 0.0 36.6



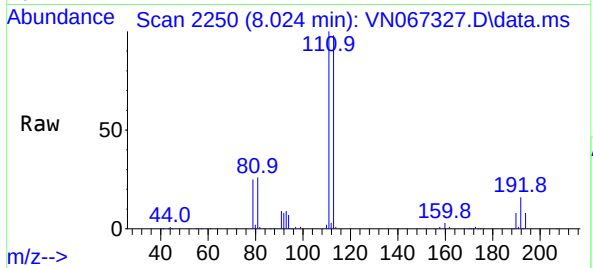
Instrument :
 MSVOA_N
 ClientSampleId :
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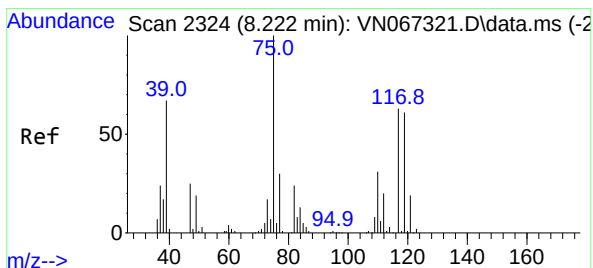
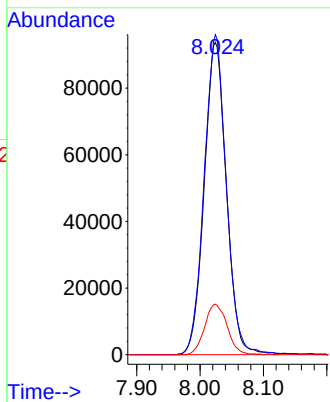
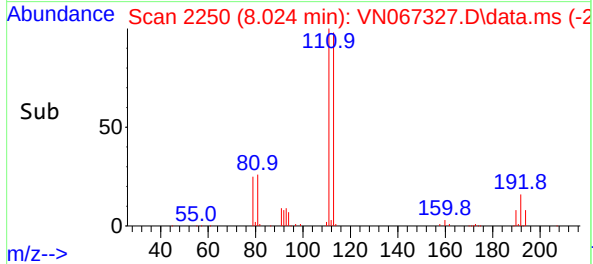
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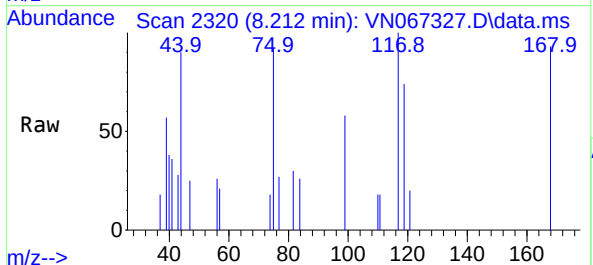
#35
Dibromofluoromethane
Concen: 49.293 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



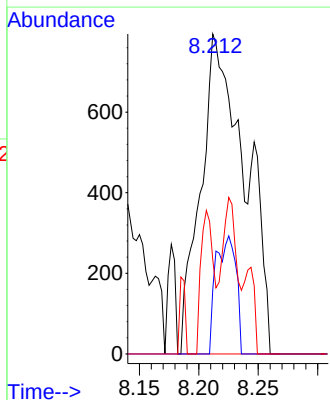
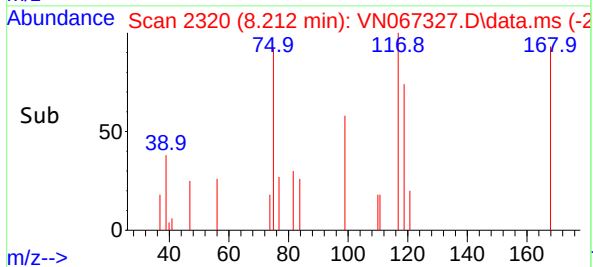
Tgt Ion:113 Resp: 227545
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.264 ug/l m
RT: 8.212 min Scan# 2320
Delta R.T. -0.011 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



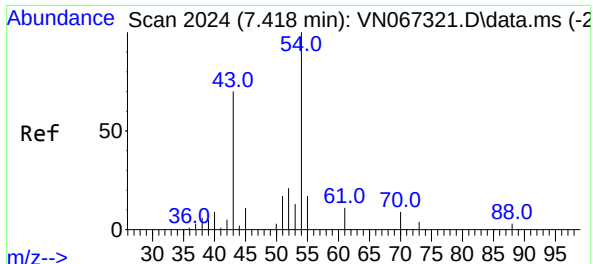
Tgt Ion: 75 Resp: 2051
Ion Ratio Lower Upper
75 100
110 0.0 15.7 47.0#
77 12.6 24.6 37.0#



Instrument :
MSVOA_N
ClientSampleId :
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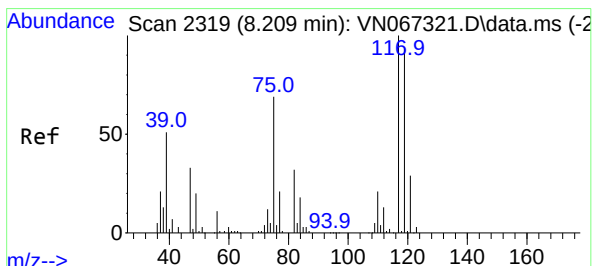
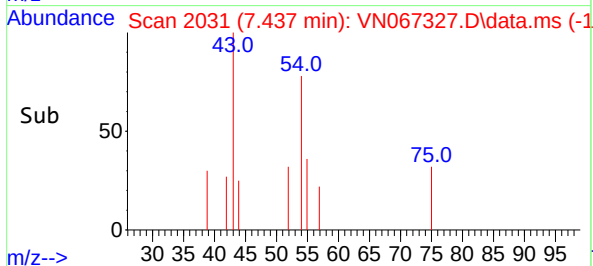
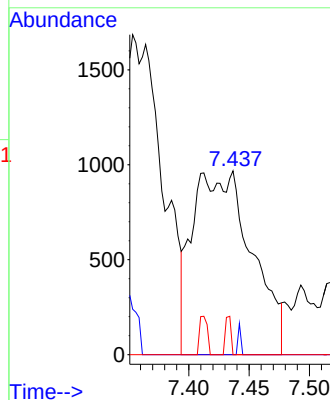
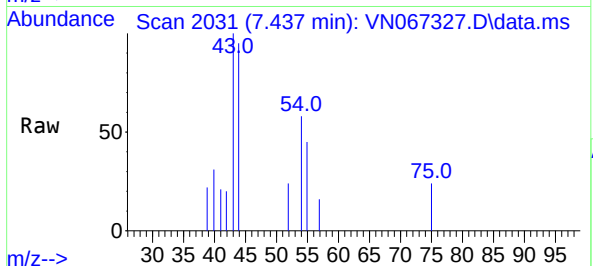
#37
Ethyl Acetate
Concen: 0.399 ug/l m
RT: 7.437 min Scan# 2031
Delta R.T. 0.019 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	43	Resp:	3292
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	2.7	8.1	12.1#

Instrument :
MSVOA_N
ClientSampleId :
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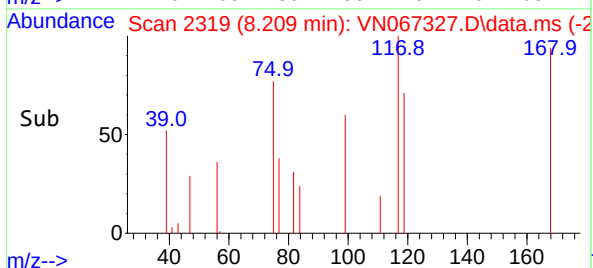
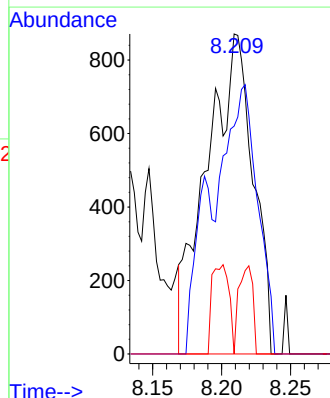
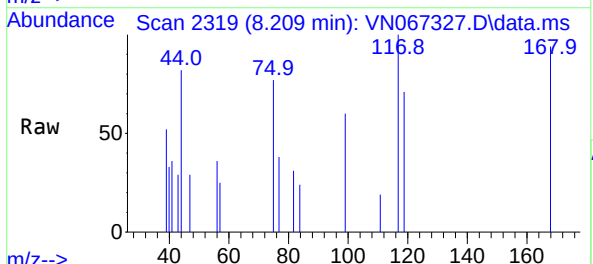
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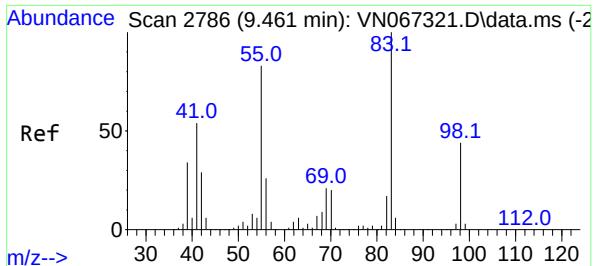
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#38
Carbon Tetrachloride
Concen: 0.243 ug/l m
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	117	Resp:	2035
Ion	Ratio	Lower	Upper
117	100		
119	71.2	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.252 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.005 min

Lab File: VN067327.D

Acq: 14 Jun 2021 18:01

Tgt Ion:	83	Resp:	2074
Ion	Ratio	Lower	Upper
83	100		
55	67.3	66.6	99.8
98	25.9	35.3	52.9#

Instrument :

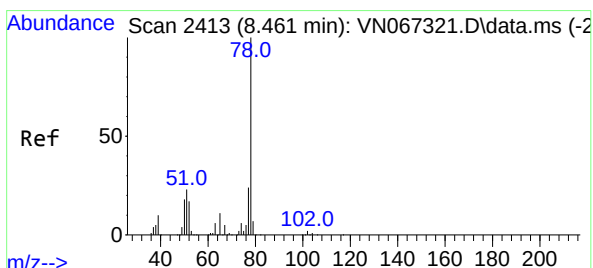
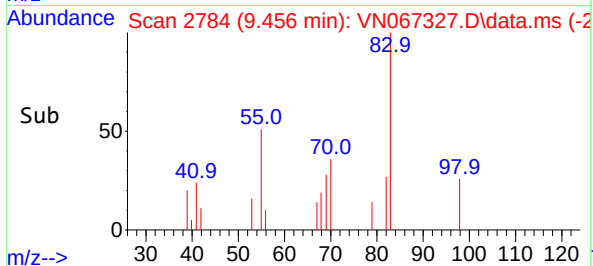
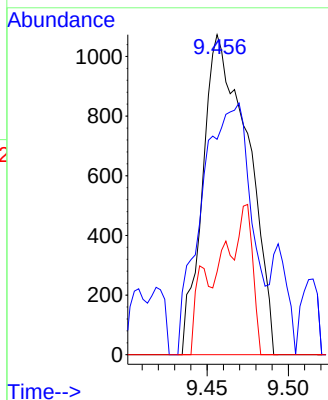
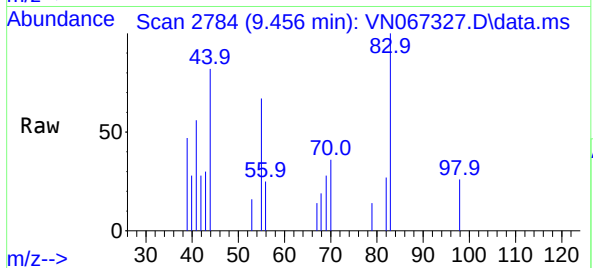
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ClientSampleId :

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#40

Benzene

Concen: 0.203 ug/l

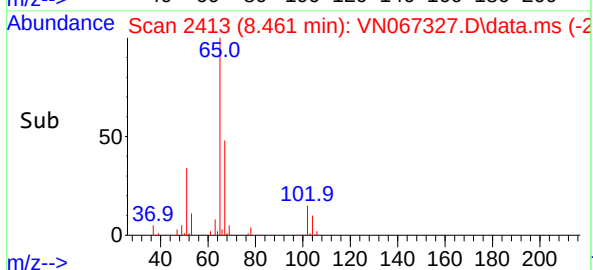
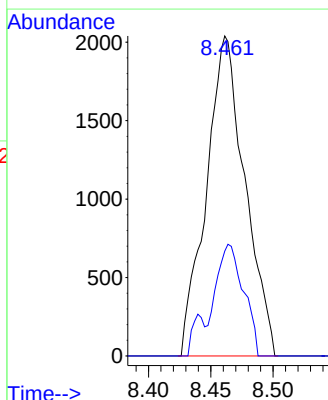
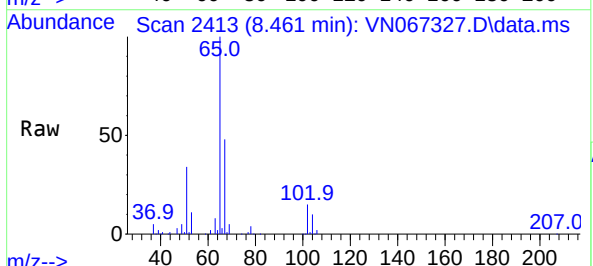
RT: 8.461 min Scan# 2413

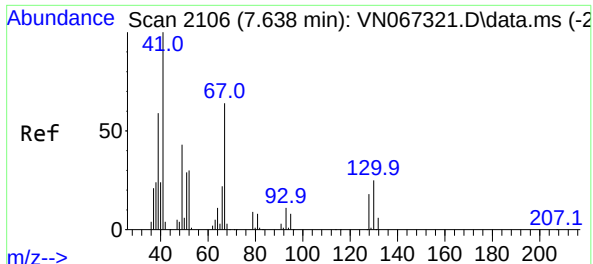
Delta R.T. 0.000 min

Lab File: VN067327.D

Acq: 14 Jun 2021 18:01

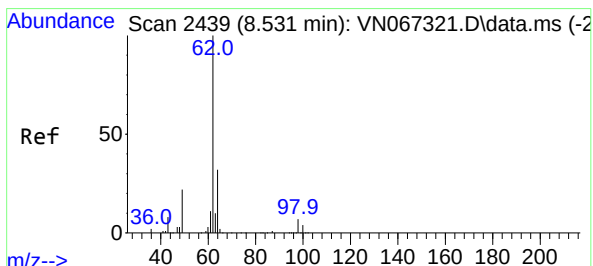
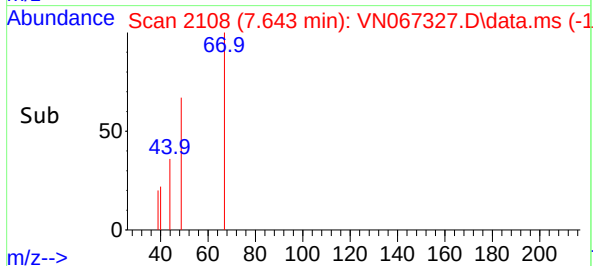
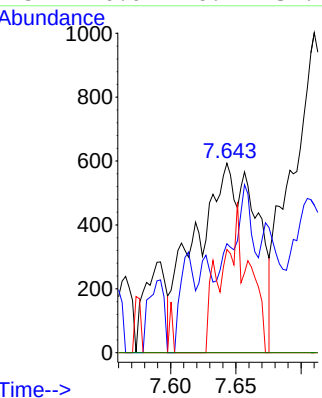
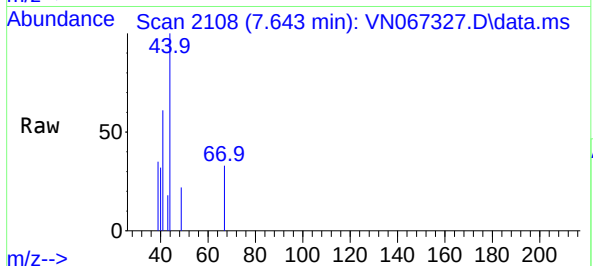
Tgt Ion:	78	Resp:	4398
Ion	Ratio	Lower	Upper
78	100		
77	32.7	18.9	28.3#





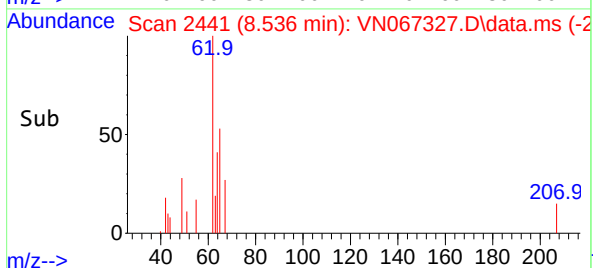
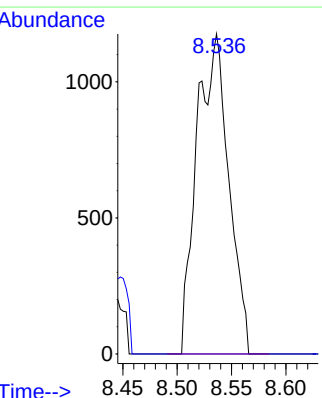
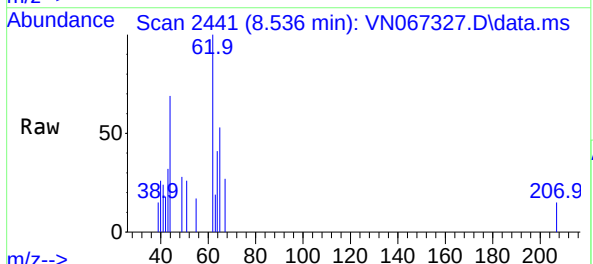
#41
Methacrylonitrile
Concen: 0.453 ug/l m
RT: 7.643 min Scan# 2108
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	41	Resp:	1940
Ion	Ratio	Lower	Upper
41	100		
39	28.4	47.6	71.4#
67	9.0	57.7	86.5#
52	0.0	26.2	39.4#



#42
1,2-Dichloroethane
Concen: 0.261 ug/l m
RT: 8.536 min Scan# 2441
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

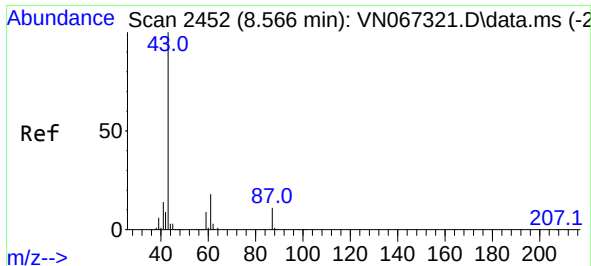
Tgt Ion:	62	Resp:	2398
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	14.2



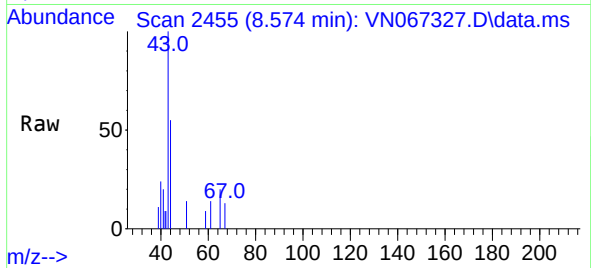
Instrument :
MSVOA_N
ClientSampleId :
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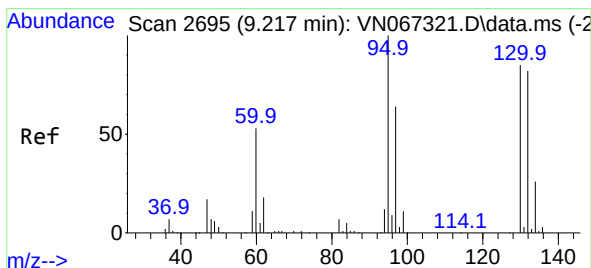
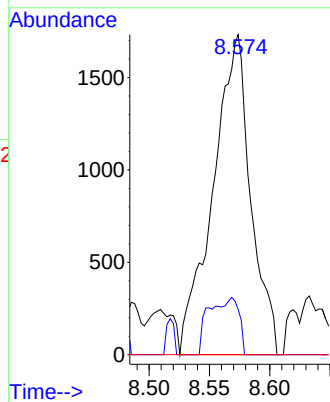
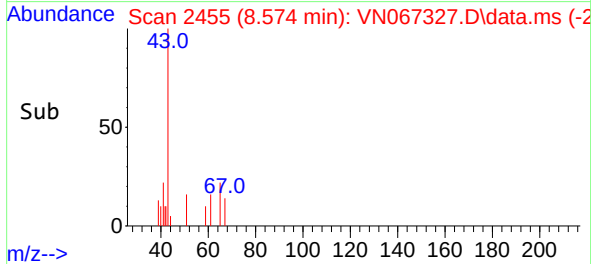
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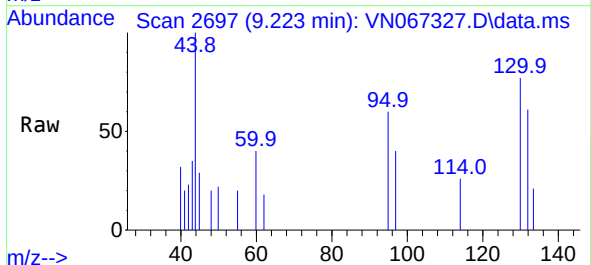
#43
Isopropyl Acetate
Concen: 0.255 ug/l
RT: 8.574 min Scan# 2455
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



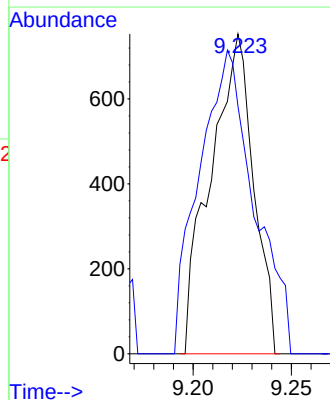
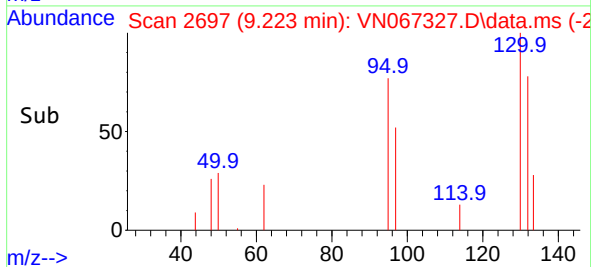
Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
61 14.1 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.225 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



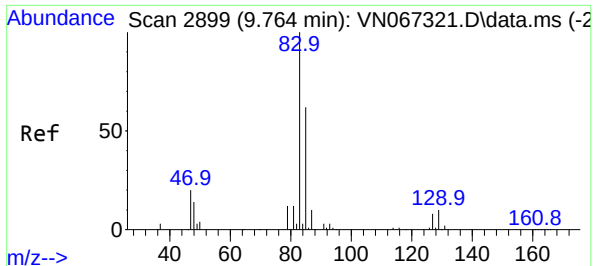
Tgt Ion: 130 Resp: 1141
Ion Ratio Lower Upper
130 100
95 53.8 0.0 234.4



Instrument :
MSVOA_N
ClientSampleId :
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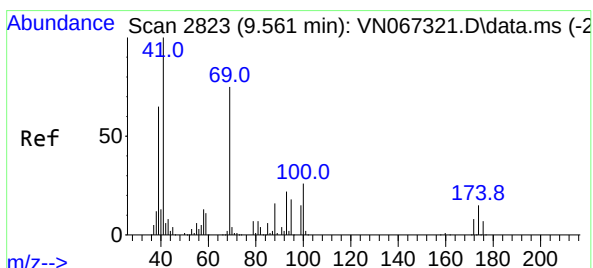
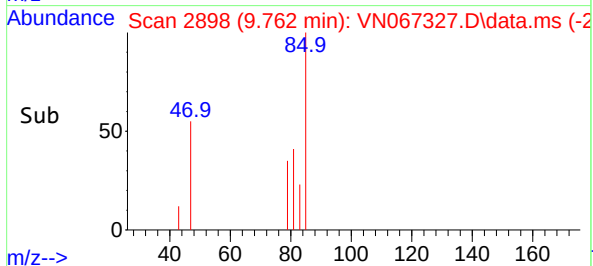
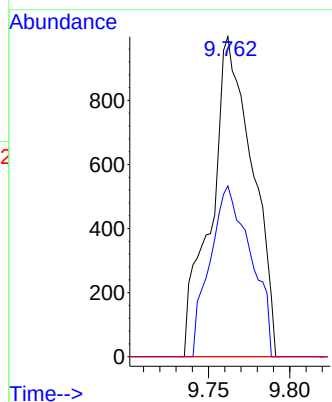
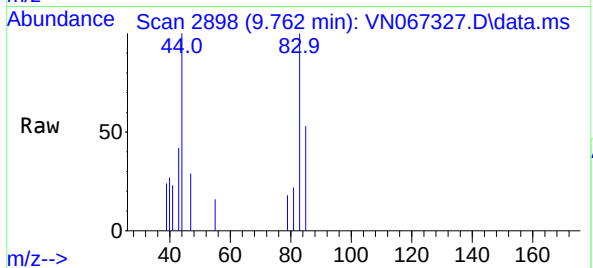
#47
Bromodichloromethane
Concen: 0.200 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 83 Resp: 1769
Ion Ratio Lower Upper
83 100
85 53.4 49.9 74.9
127 0.0 6.1 9.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

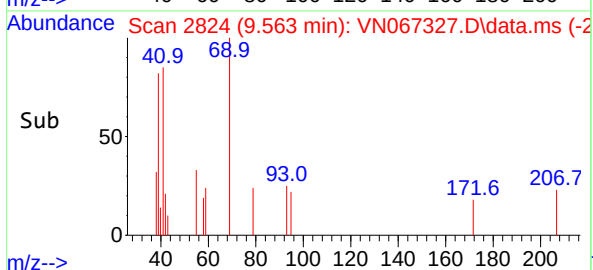
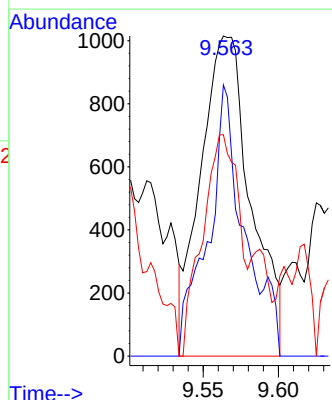
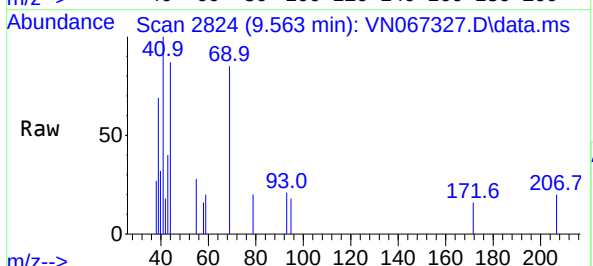
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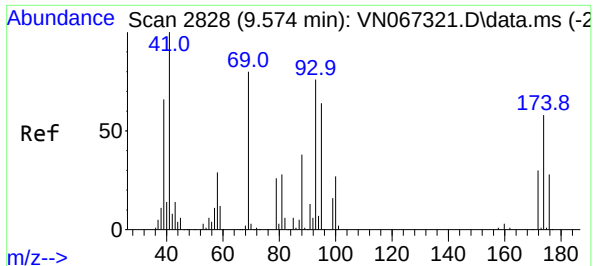
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#48
Methyl methacrylate
Concen: 0.351 ug/l m
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 41 Resp: 2369
Ion Ratio Lower Upper
41 100
69 54.9 64.6 96.8#
39 50.6 53.3 79.9#





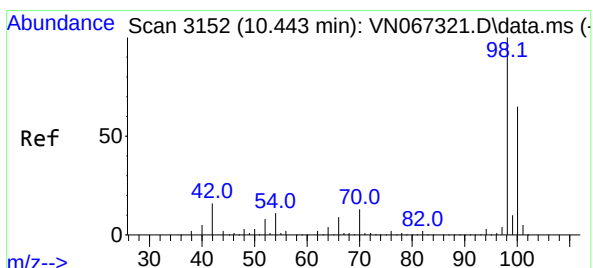
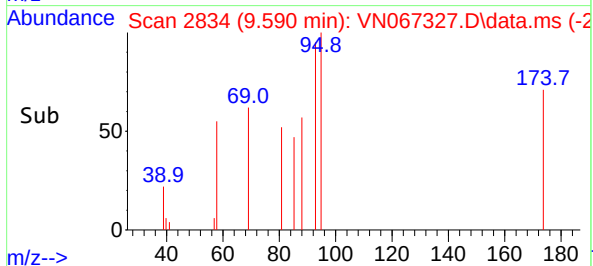
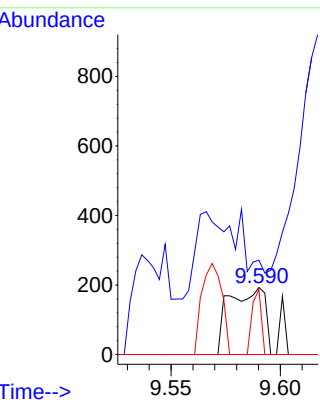
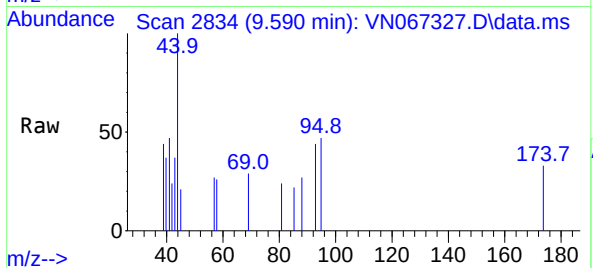
#49
1,4-Dioxane
Concen: 2.361 ug/l m
RT: 9.590 min Scan# 2834
Delta R.T. 0.016 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 88 Resp: 218
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 76.6 60.4 90.6

Instrument :
MSVOA_N
ClientSampleId :
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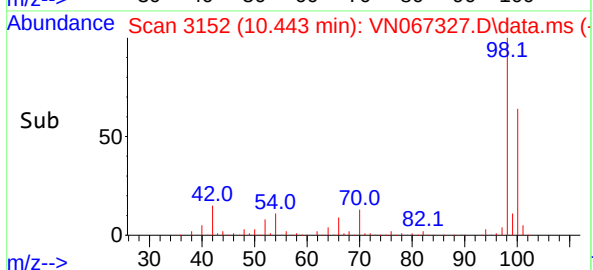
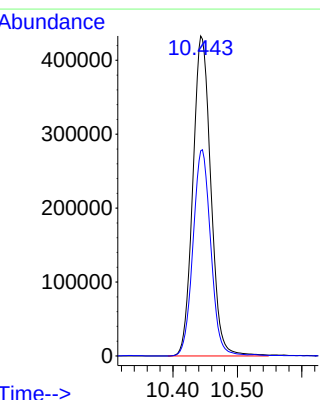
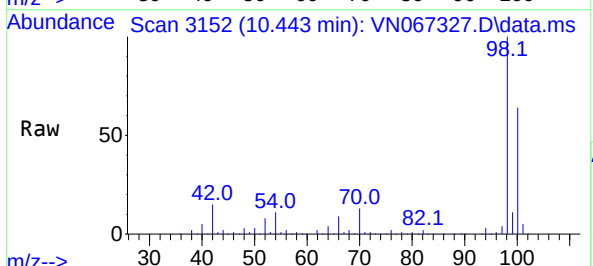
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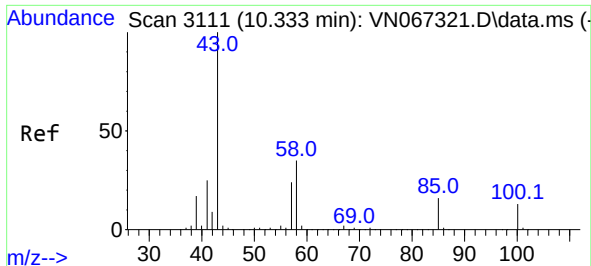
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#50
Toluene-d8
Concen: 47.384 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 98 Resp: 838381
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5





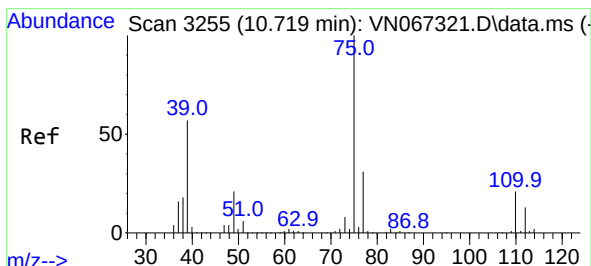
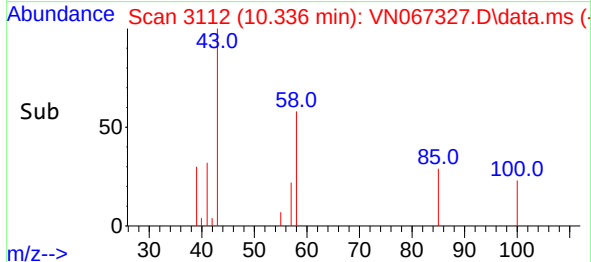
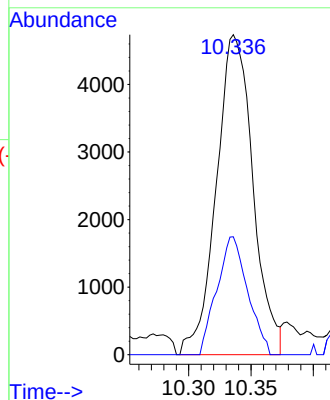
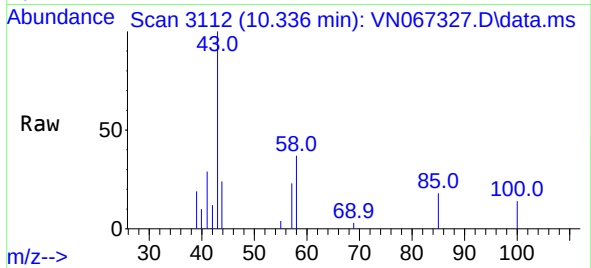
#51
4-Methyl-2-Pentanone
Concen: 1.136 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 9674
Ion Ratio Lower Upper
43 100
58 30.9 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

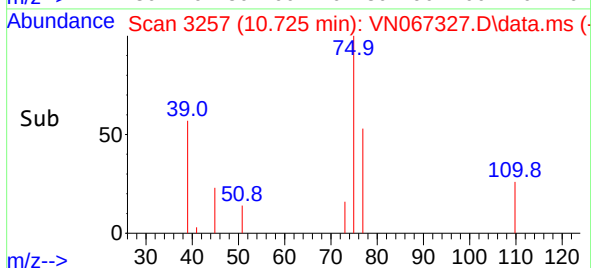
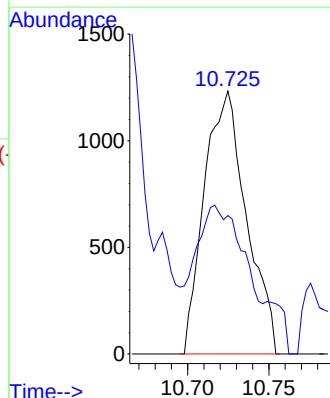
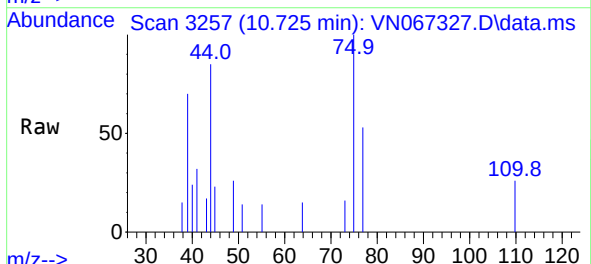
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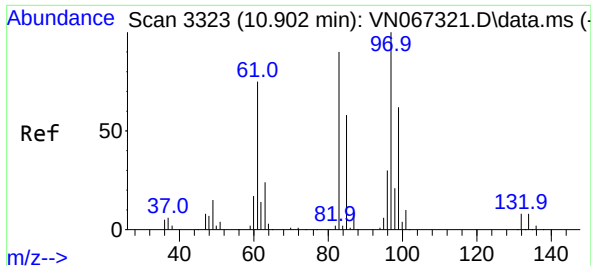
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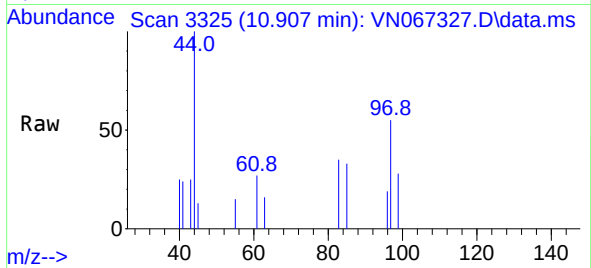
#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
77 34.5 25.1 37.7

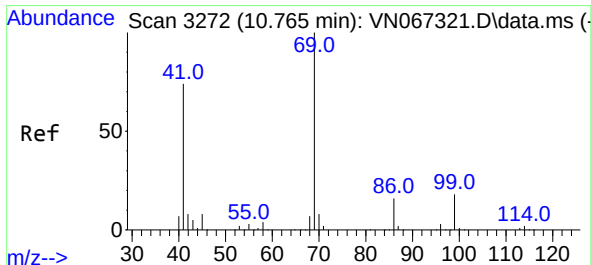
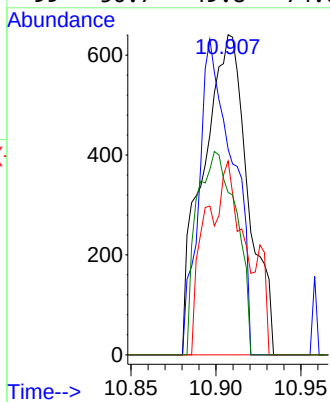
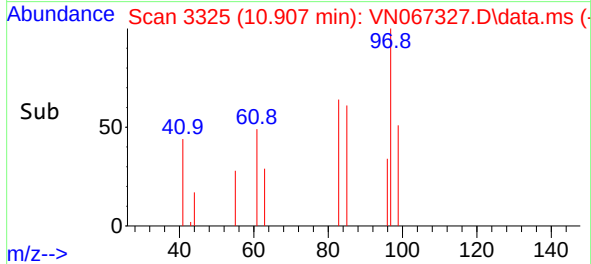




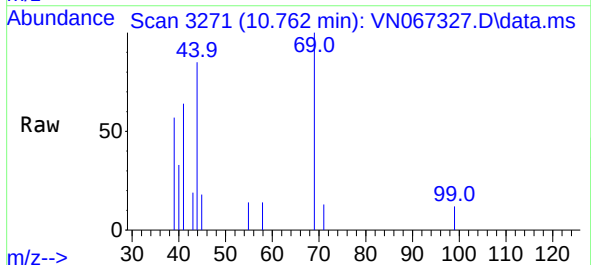
#55
1,1,2-Trichloroethane
Concen: 0.224 ug/l
RT: 10.907 min Scan# 3325
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



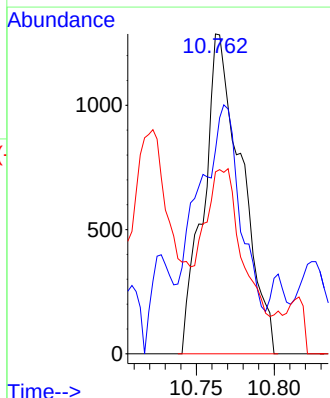
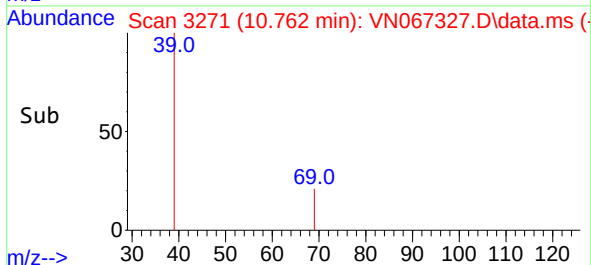
Tgt Ion: 97 Resp: 1182
Ion Ratio Lower Upper
97 100
83 64.3 72.0 108.0#
85 60.5 46.8 70.2
99 50.7 49.8 74.6



#56
Ethyl methacrylate
Concen: 0.231 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



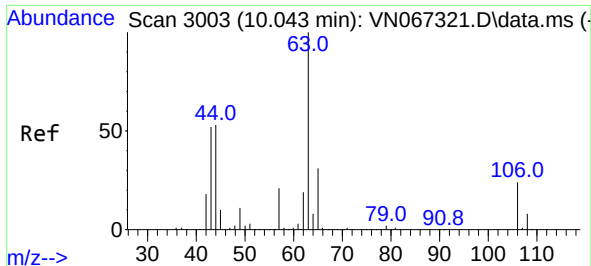
Tgt Ion: 69 Resp: 2189
Ion Ratio Lower Upper
69 100
41 66.9 58.6 88.0
39 64.0 38.3 57.5#



Instrument :
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ClientSampleId :
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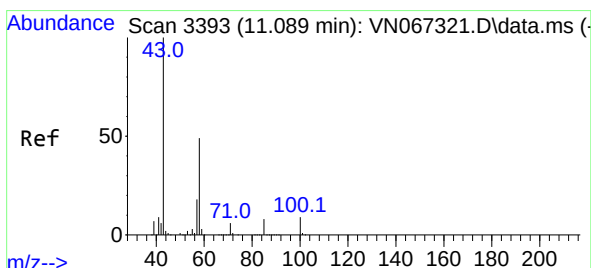
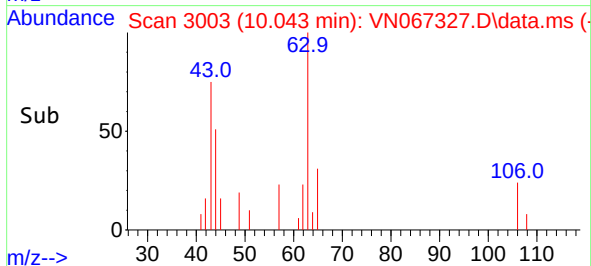
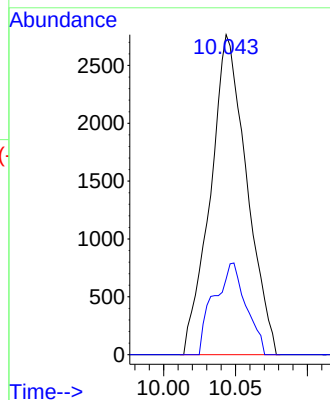
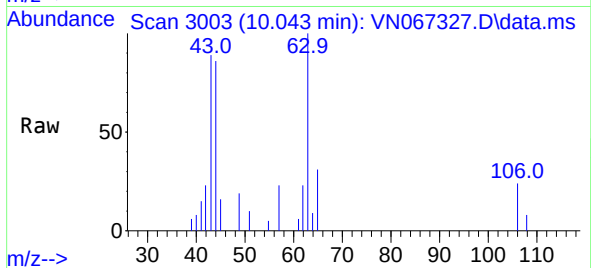
#58
2-Chloroethyl Vinyl ether
Concen: 1.756 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 63 Resp: 4850
Ion Ratio Lower Upper
63 100
106 25.3 19.8 29.8

Instrument :
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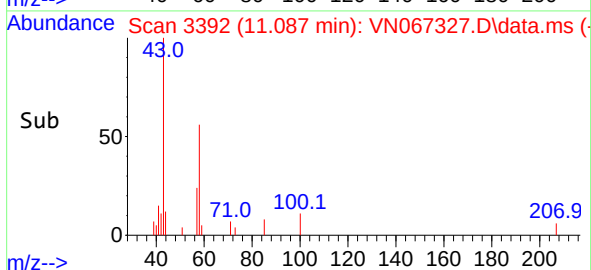
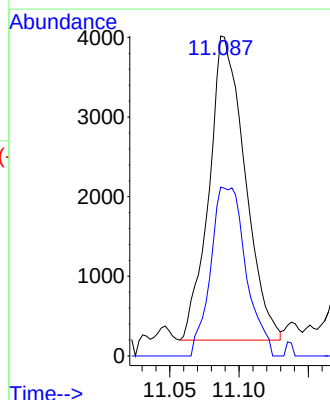
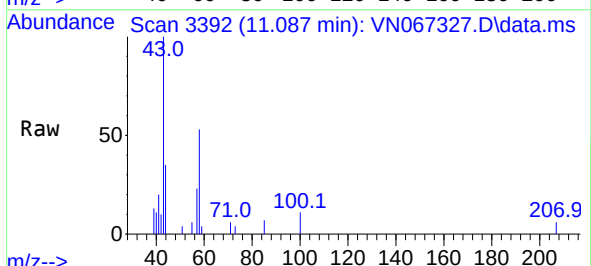
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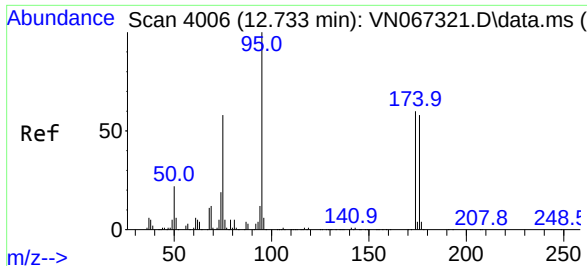
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#59
2-Hexanone
Concen: 1.103 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 43 Resp: 6884
Ion Ratio Lower Upper
43 100
58 54.3 24.7 74.1





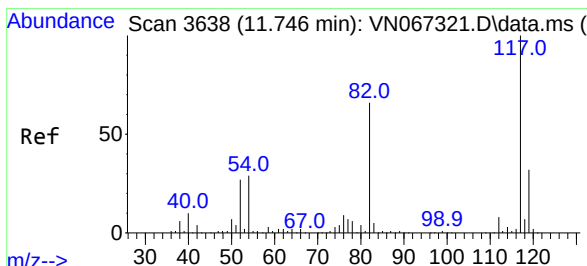
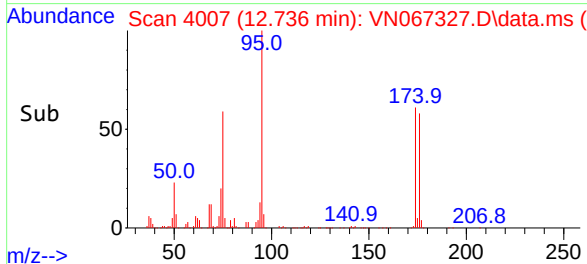
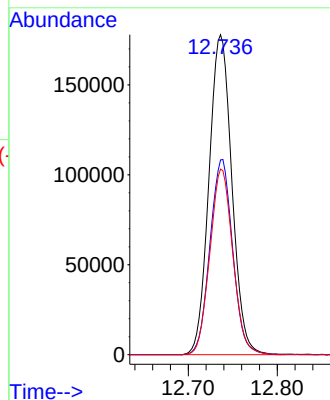
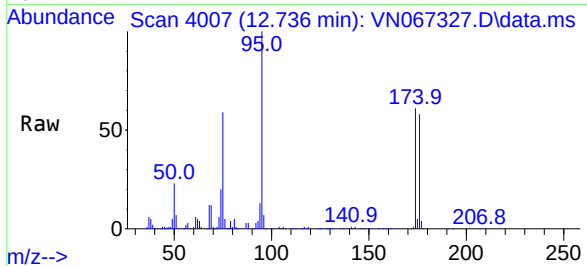
#62
4-Bromofluorobenzene
Concen: 43.565 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 95 Resp: 318098
Ion Ratio Lower Upper
95 100
174 60.6 0.0 122.0
176 58.0 0.0 117.6

Instrument :
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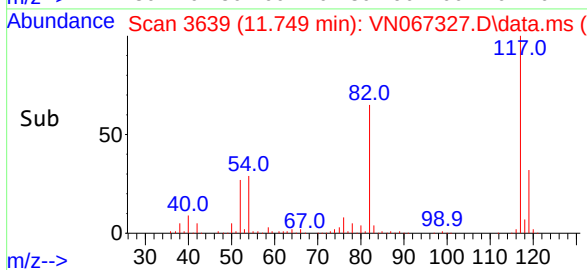
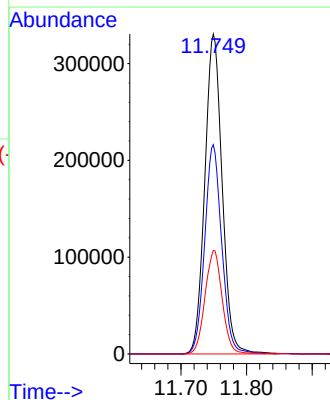
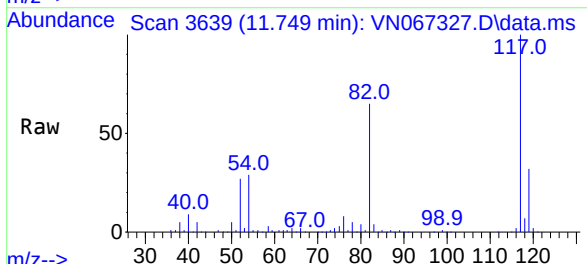
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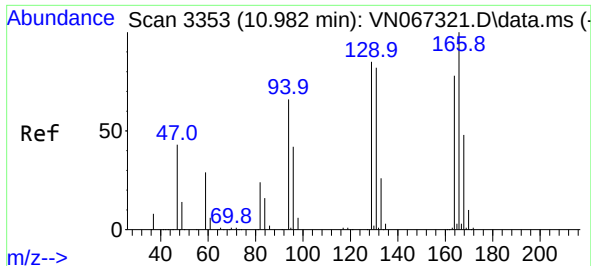
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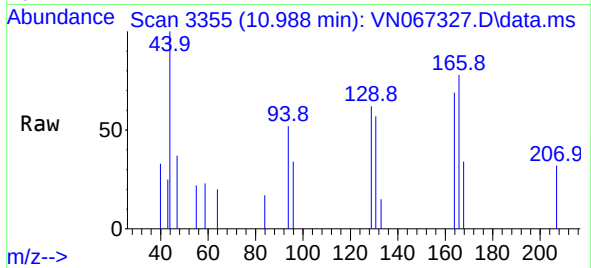
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion: 117 Resp: 607278
Ion Ratio Lower Upper
117 100
82 65.4 53.1 79.7
119 32.4 25.5 38.3

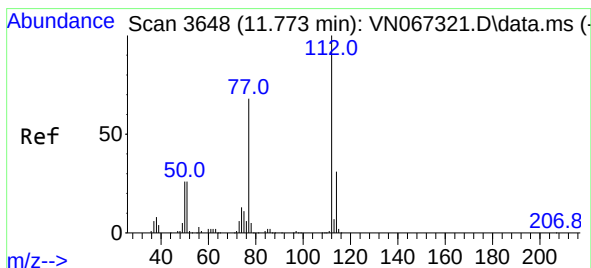
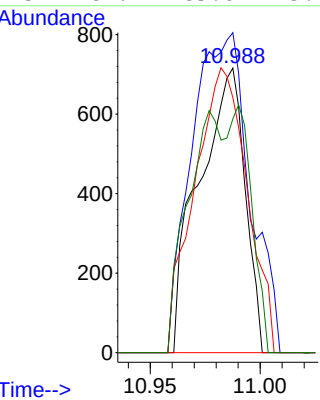
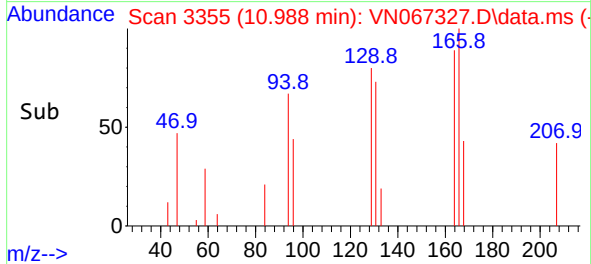




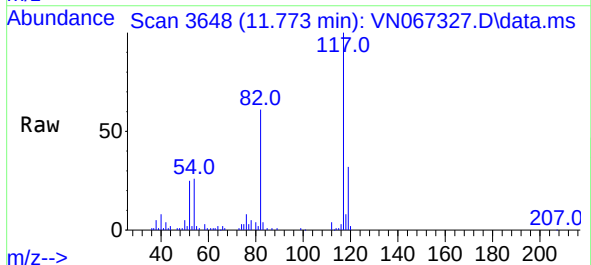
#64
Tetrachloroethene
Concen: 0.241 ug/l
RT: 10.988 min Scan# 3355
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



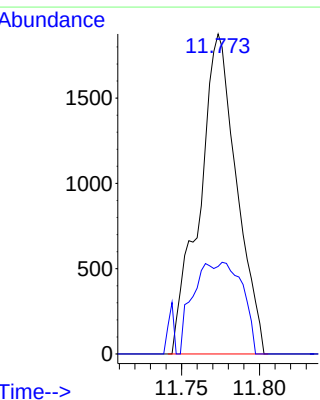
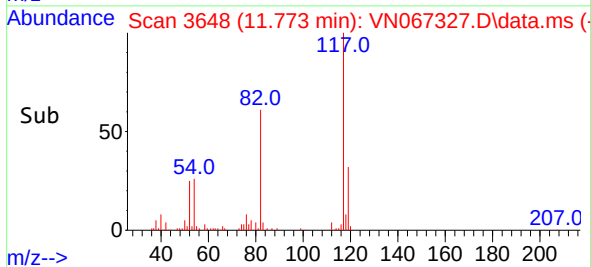
Tgt Ion:164 Resp: 1041
Ion Ratio Lower Upper
164 100
166 112.4 102.1 153.1
129 89.7 86.9 130.3
131 82.1 83.6 125.4#



#65
Chlorobenzene
Concen: 0.235 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



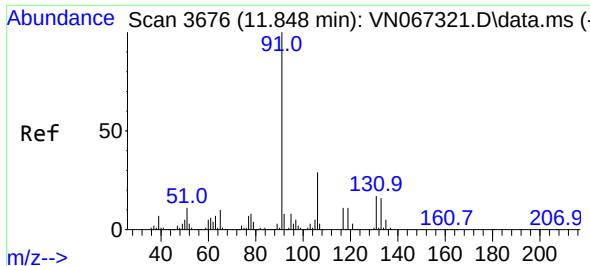
Tgt Ion:112 Resp: 3104
Ion Ratio Lower Upper
112 100
114 27.3 24.6 37.0



Instrument :
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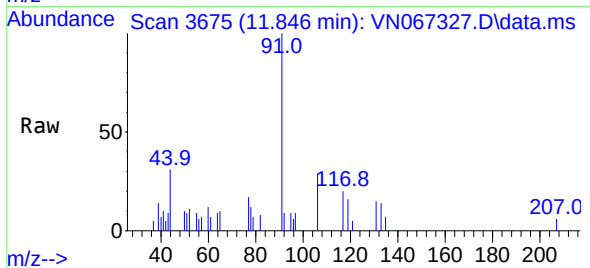
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#67
Ethyl Benzene
Concen: 0.224 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

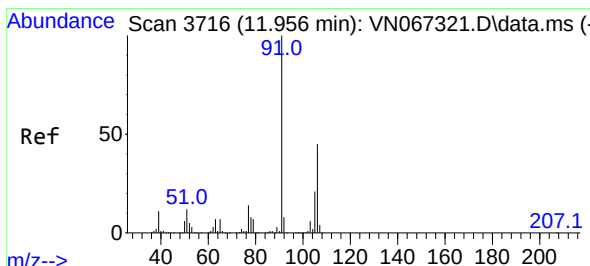
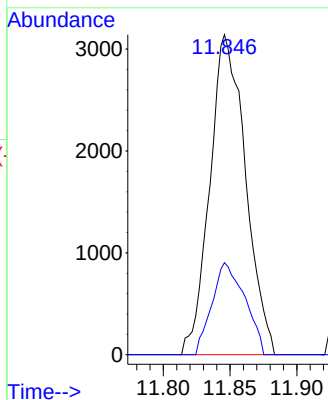
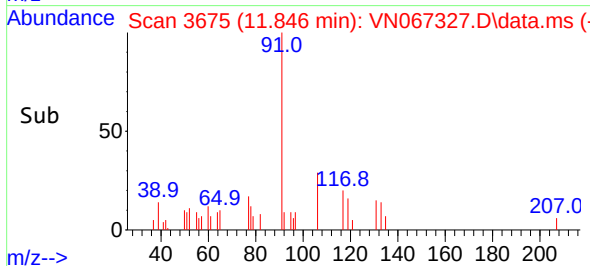
Instrument :
MSVOA_N
ClientSampleId :
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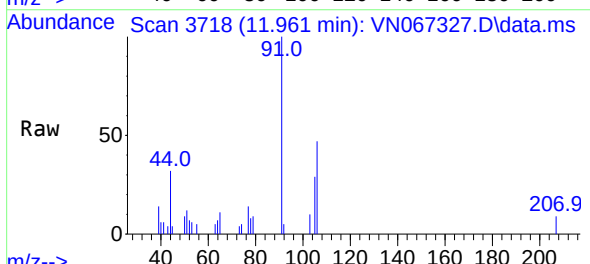
Tgt Ion: 91 Resp: 5841
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.0

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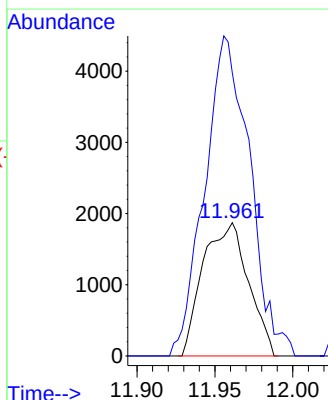
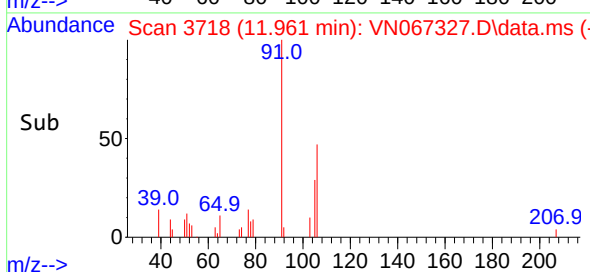
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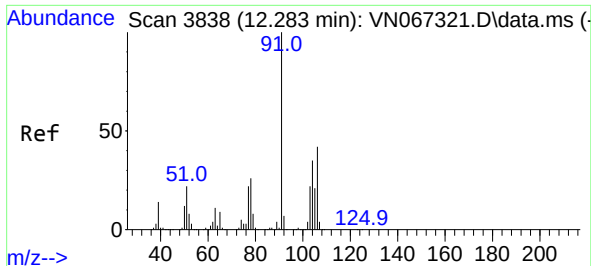


#68
m/p-Xylenes
Concen: 0.408 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 106 Resp: 3790
Ion Ratio Lower Upper
106 100
91 238.8 180.6 270.8





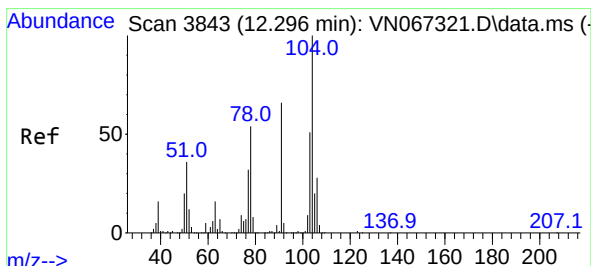
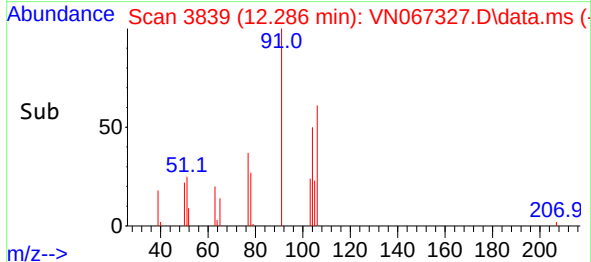
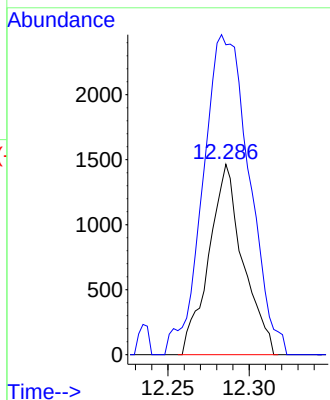
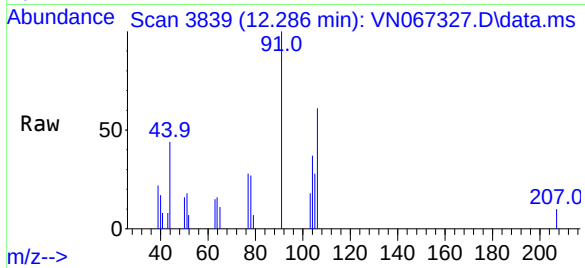
#69
o-Xylene
Concen: 0.236 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:106 Resp: 2142
Ion Ratio Lower Upper
106 100
91 227.7 118.3 354.9

Instrument :
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ClientSampleId :
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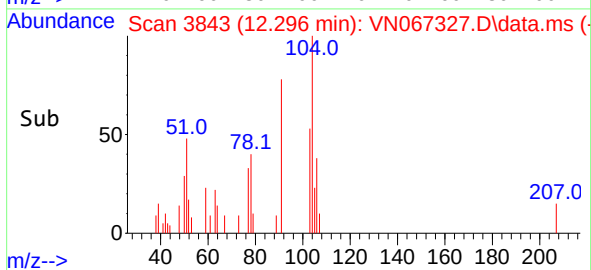
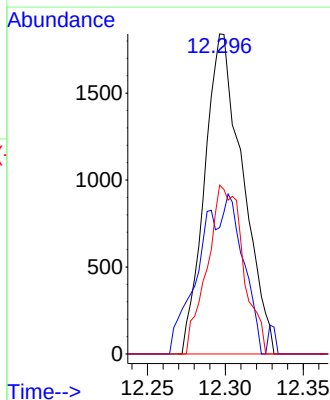
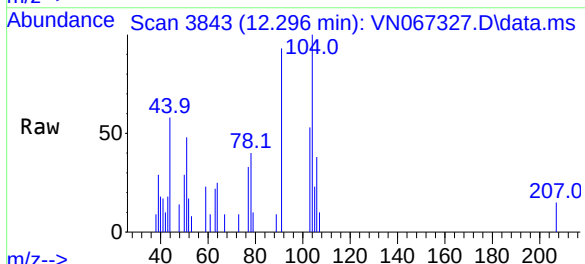
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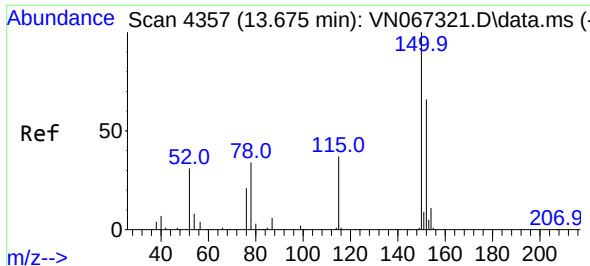
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#70
Styrene
Concen: 0.206 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

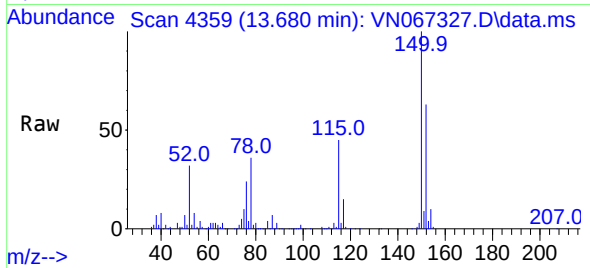
Tgt Ion:104 Resp: 3117
Ion Ratio Lower Upper
104 100
78 27.5 48.2 72.2#
103 49.9 44.5 66.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

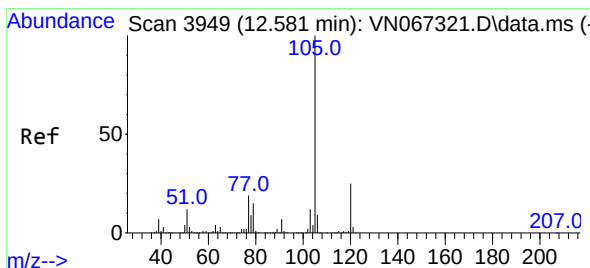
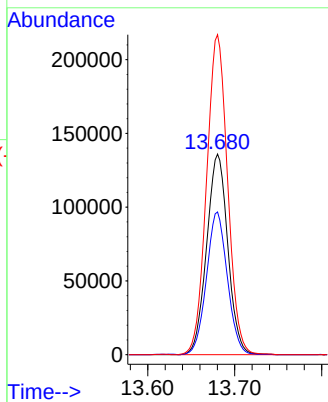
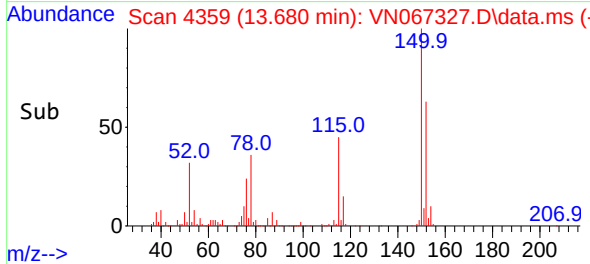
Instrument :
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ClientSampleId :
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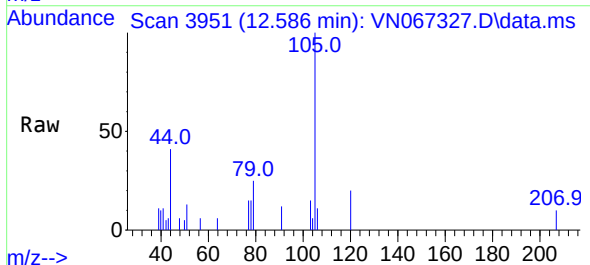
Tgt Ion:152 Resp: 230322
Ion Ratio Lower Upper
152 100
115 70.3 36.1 108.5
150 158.4 0.0 351.8

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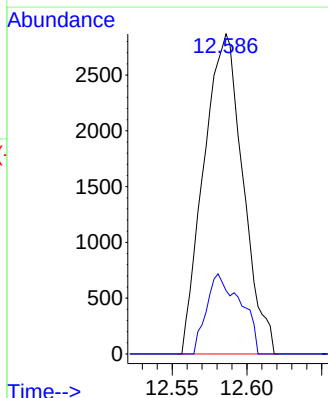
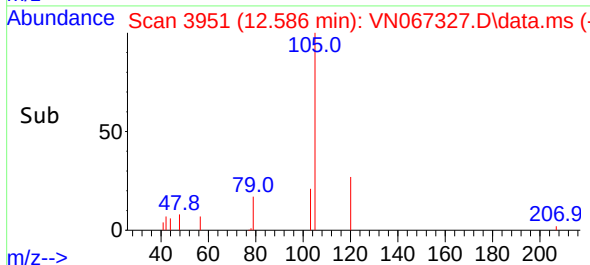
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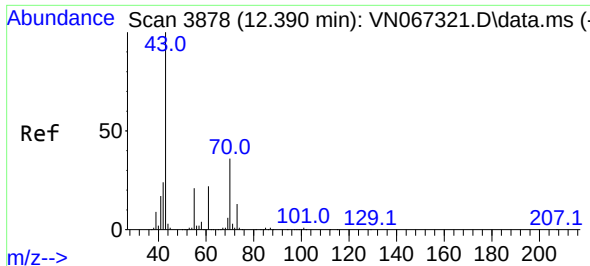


#73
Isopropylbenzene
Concen: 0.236 ug/l
RT: 12.586 min Scan# 3951
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



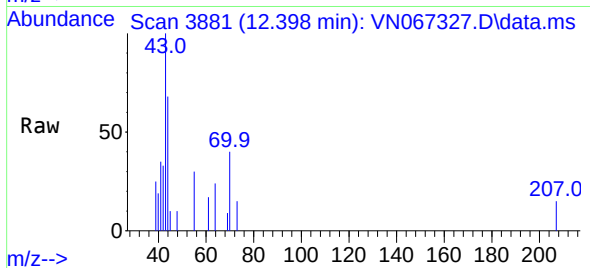
Tgt Ion:105 Resp: 5220
Ion Ratio Lower Upper
105 100
120 21.8 12.5 37.5





#74
N-amy1 acetate
Concen: 0.331 ug/l m
RT: 12.398 min Scan# 3881
Delta R.T. 0.008 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

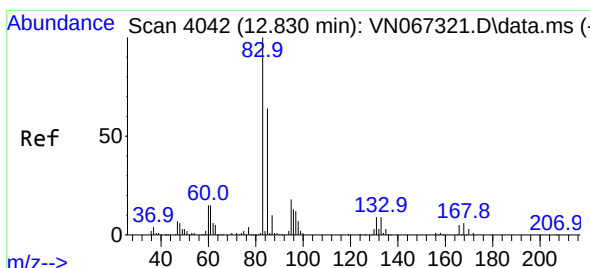
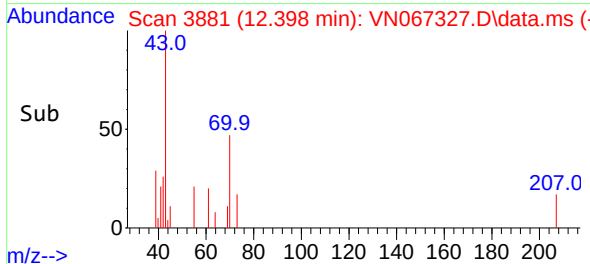
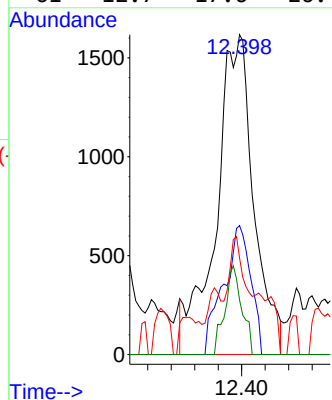
Instrument :
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ClientSampleId :
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Tgt Ion: 43	Resp: 3571
Ion Ratio	Lower Upper
43 100	
70 29.5	29.4 44.2
55 6.0	17.0 25.4#
61 12.7	17.6 26.4#

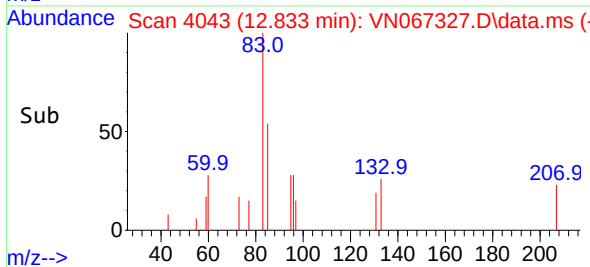
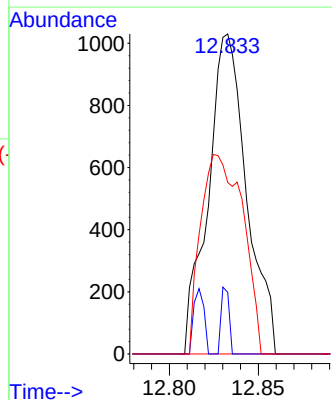
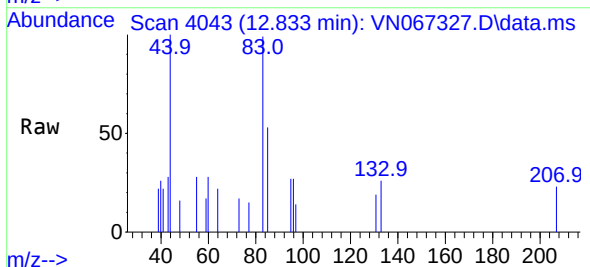
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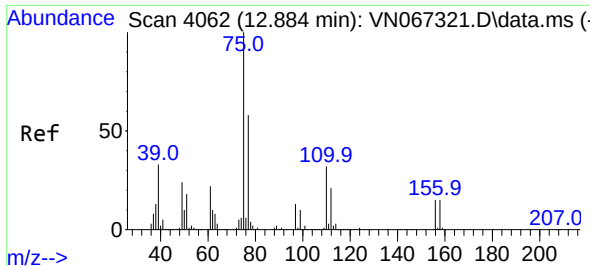
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#75
1,1,2,2-Tetrachloroethane
Concen: 0.236 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

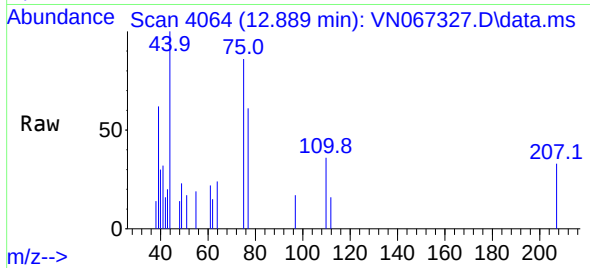
Tgt Ion: 83	Resp: 1553		
Ion Ratio	Lower	Upper	
83 100			
131 4.2	4.8	14.4#	
85 67.9	32.2	96.6	





#76
1,2,3-Trichloropropane
Concen: 0.243 ug/l m
RT: 12.889 min Scan# 4064
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

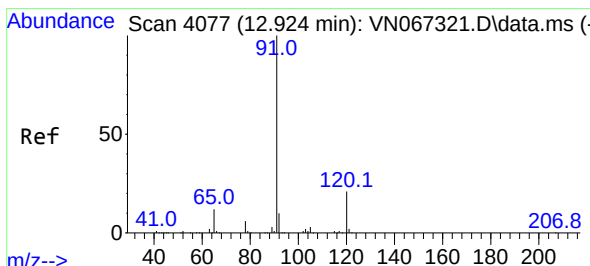
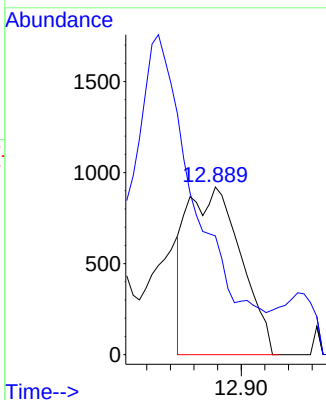
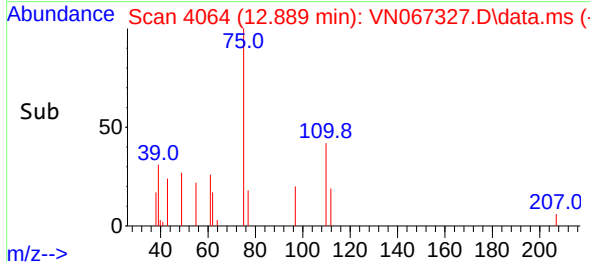
Instrument :
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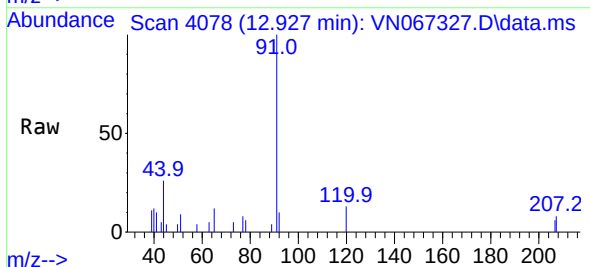
Tgt Ion: 75 Resp: 1452
Ion Ratio Lower Upper
75 100
77 114.5 0.0 0.0#

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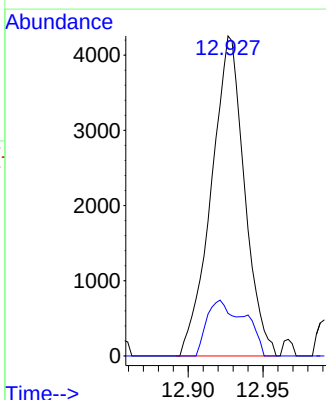
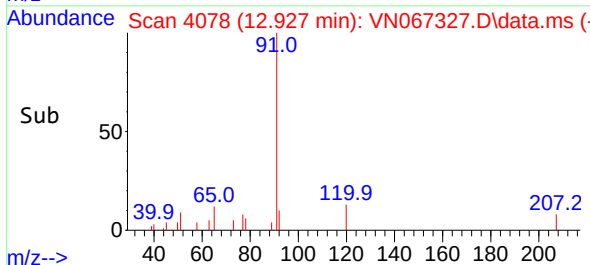
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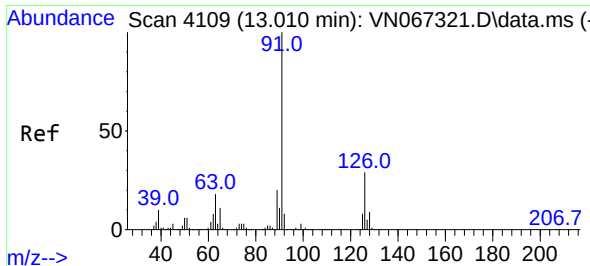


#78
n-propylbenzene
Concen: 0.250 ug/l
RT: 12.927 min Scan# 4078
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



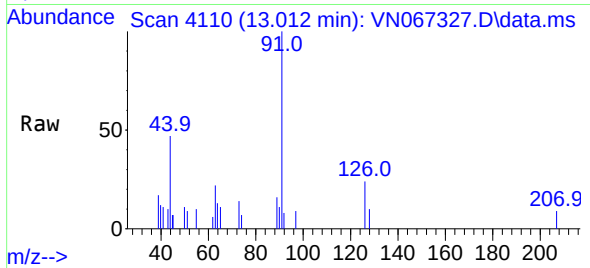
Tgt Ion: 91 Resp: 6569
Ion Ratio Lower Upper
91 100
120 13.4 10.4 31.4





#79
2-Chlorotoluene
Concen: 0.254 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

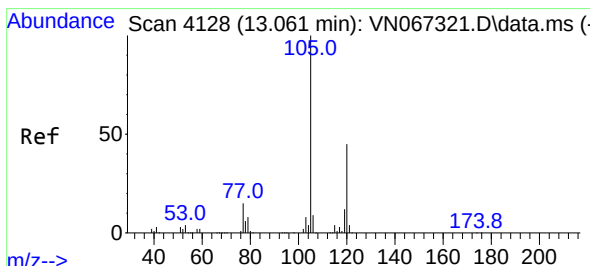
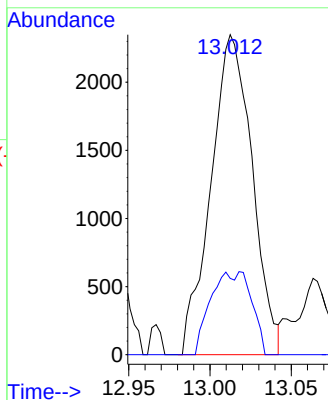
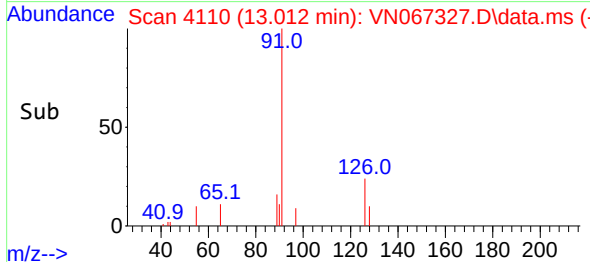
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



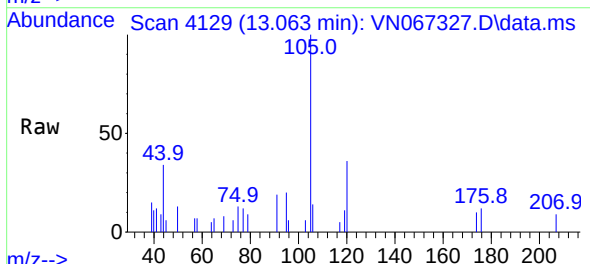
Tgt Ion: 91 Resp: 4158
Ion Ratio Lower Upper
91 100
126 15.7 14.5 43.5

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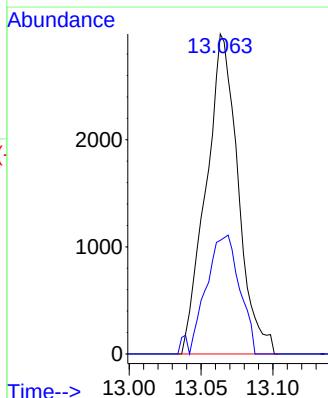
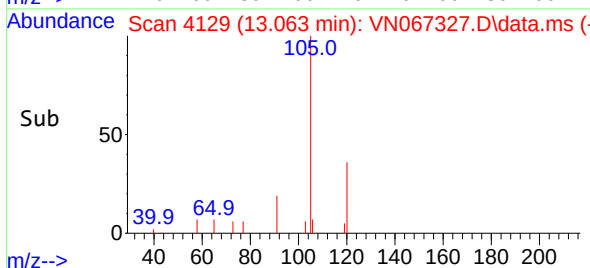
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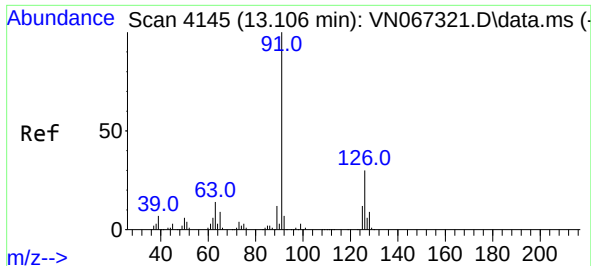


#80
1,3,5-Trimethylbenzene
Concen: 0.248 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



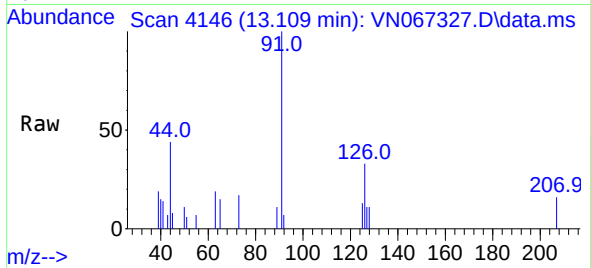
Tgt Ion: 105 Resp: 4615
Ion Ratio Lower Upper
105 100
120 38.2 22.2 66.6





#82
4-Chlorotoluene
Concen: 0.274 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

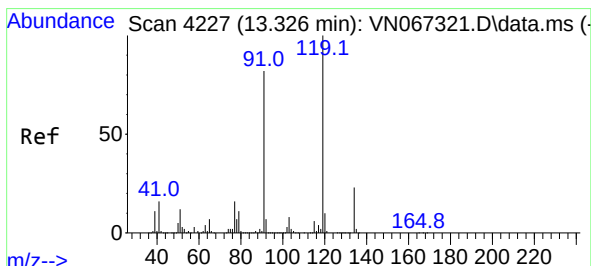
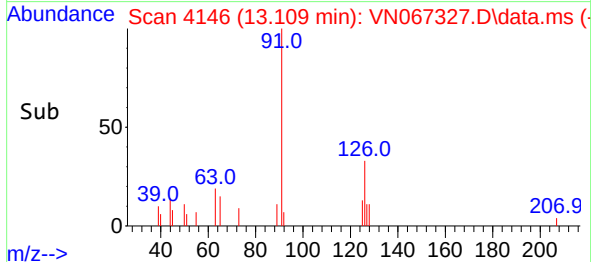
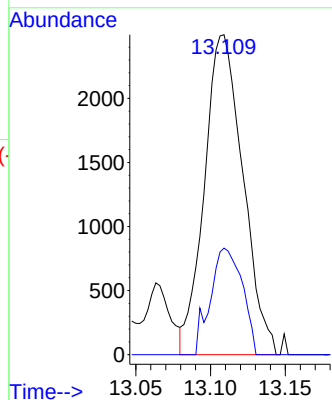
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021



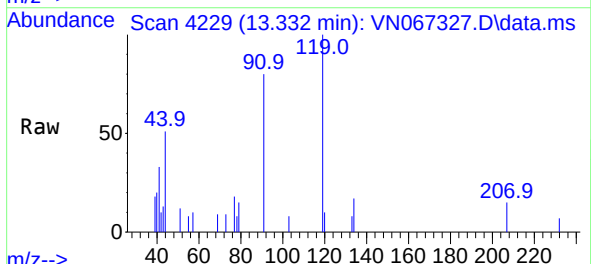
Tgt Ion: 91 Resp: 4472
Ion Ratio Lower Upper
91 100
126 27.5 14.8 44.4

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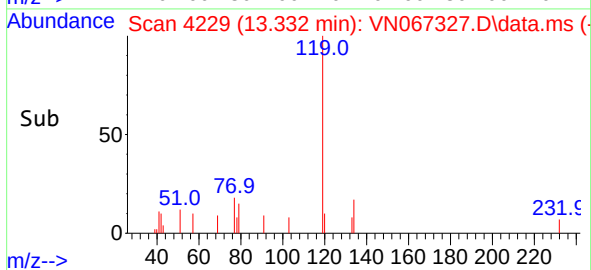
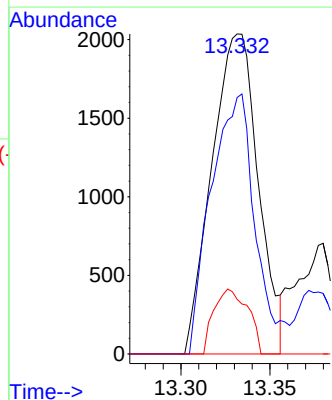
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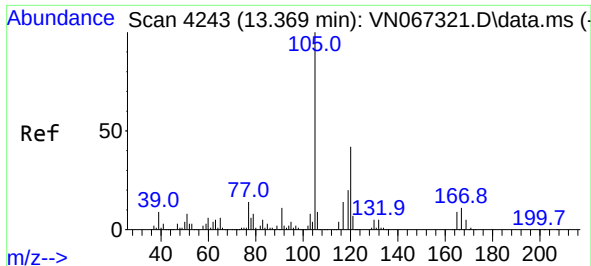


#83
tert-Butylbenzene
Concen: 0.249 ug/l
RT: 13.332 min Scan# 4229
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 119 Resp: 3695
Ion Ratio Lower Upper
119 100
91 77.8 39.5 118.5
134 14.8 12.0 36.0





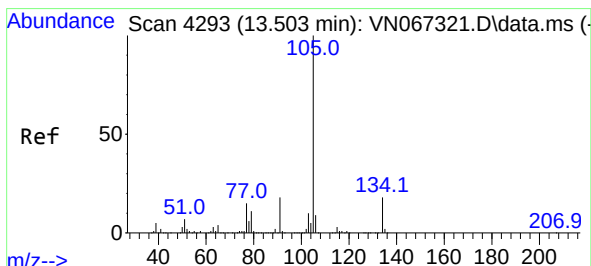
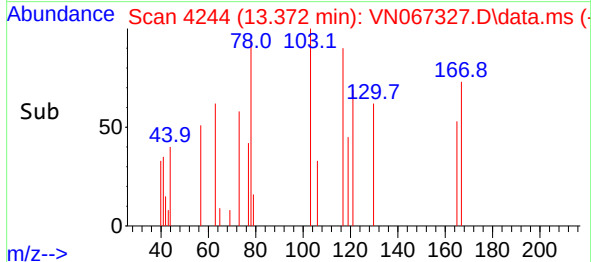
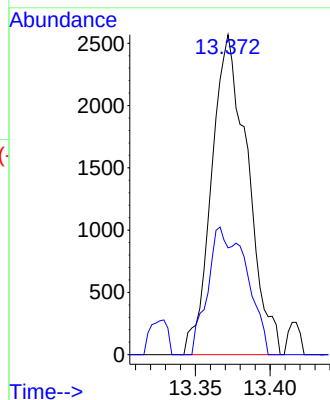
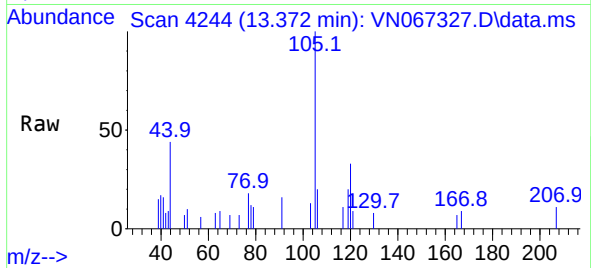
#84
1,2,4-Trimethylbenzene
Concen: 0.235 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:105 Resp: 4315
Ion Ratio Lower Upper
105 100
120 42.6 20.6 61.8

Instrument :
MSVOA_N
ClientSampleId :
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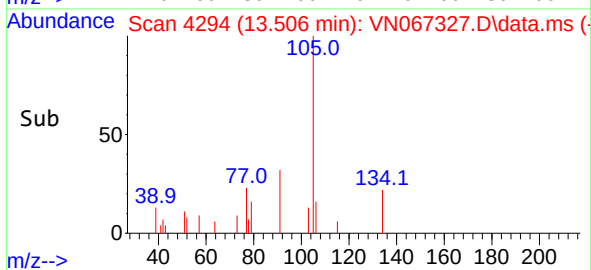
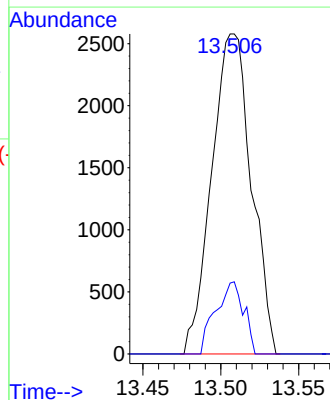
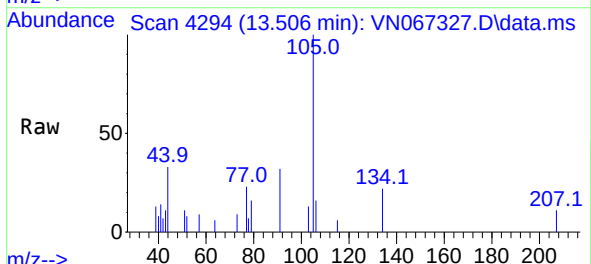
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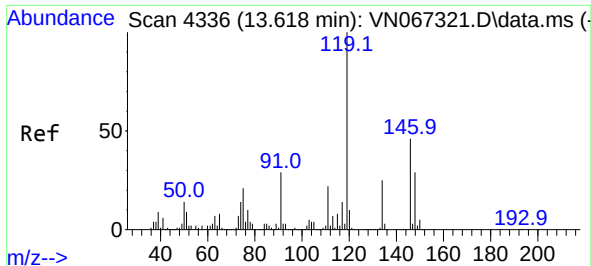
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#85
sec-Butylbenzene
Concen: 0.218 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:105 Resp: 4571
Ion Ratio Lower Upper
105 100
134 15.9 9.0 27.1





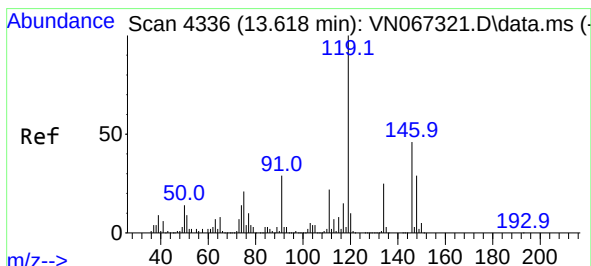
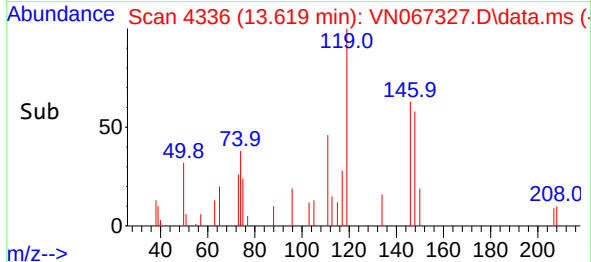
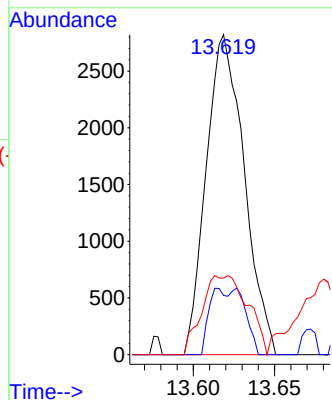
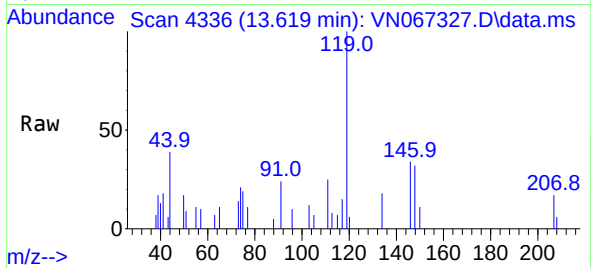
#86
p-Isopropyltoluene
Concen: 0.271 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:119 Resp: 4588
Ion Ratio Lower Upper
119 100
134 10.3 12.4 37.4#
91 29.6 14.8 44.3

Instrument :
MSVOA_N
ClientSampleId :
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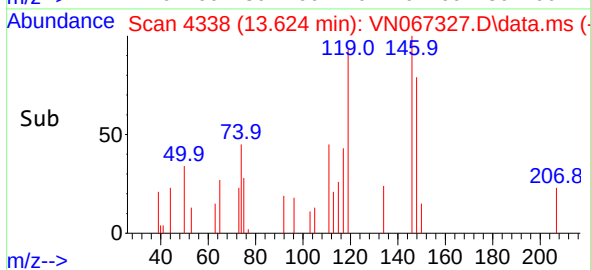
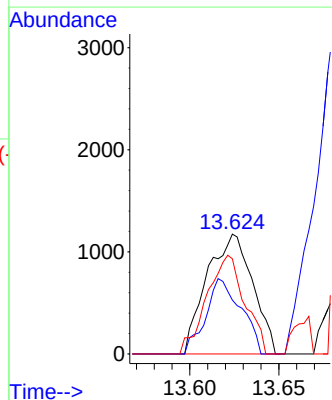
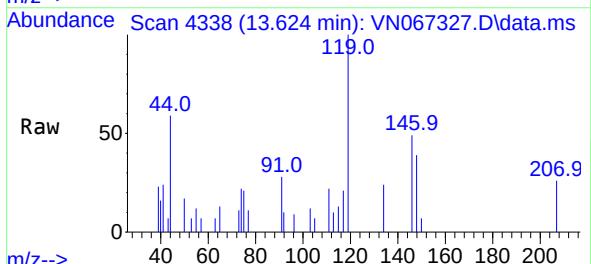
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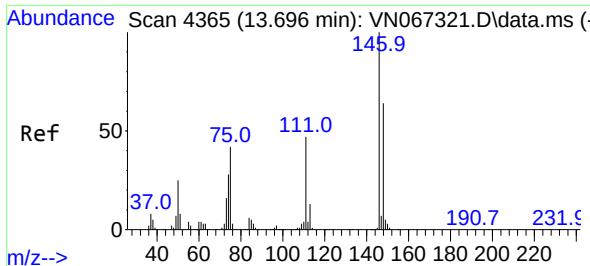
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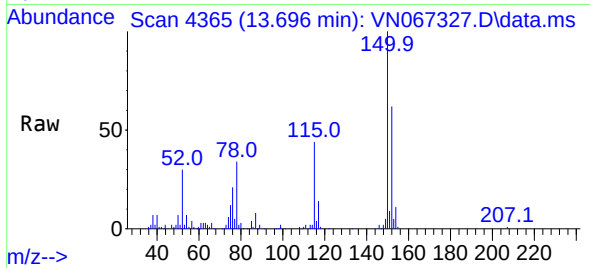
#87
1,3-Dichlorobenzene
Concen: 0.258 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:146 Resp: 2096
Ion Ratio Lower Upper
146 100
111 48.3 24.3 72.8
148 68.2 32.0 96.0

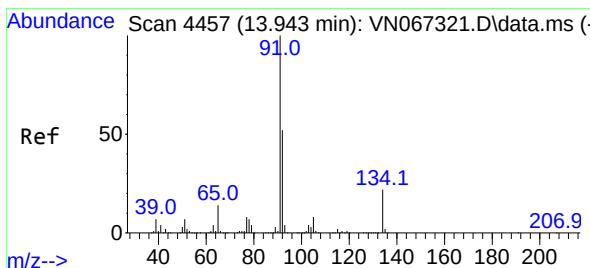
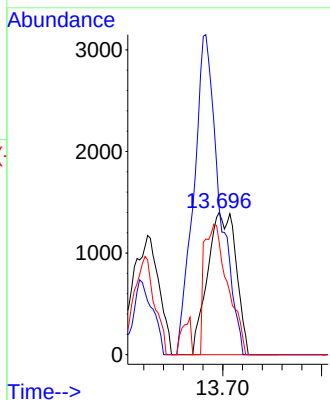
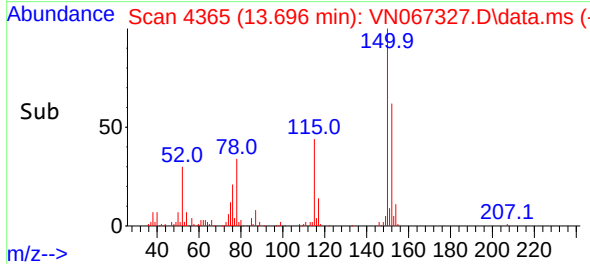




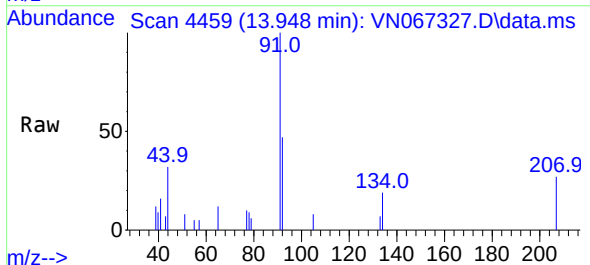
#88
1,4-Dichlorobenzene
Concen: 0.344 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



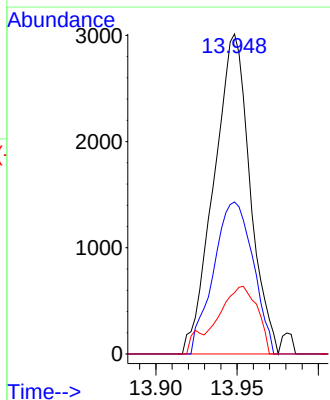
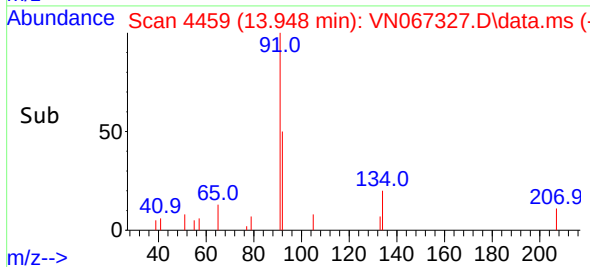
Tgt Ion:146 Resp: 2805
Ion Ratio Lower Upper
146 100
111 36.1 23.4 70.2
148 51.0 31.8 95.3



#89
n-Butylbenzene
Concen: 0.292 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



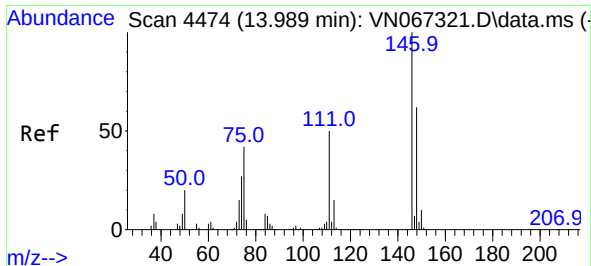
Tgt Ion: 91 Resp: 4648
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.1
134 21.6 11.2 33.6



Instrument :
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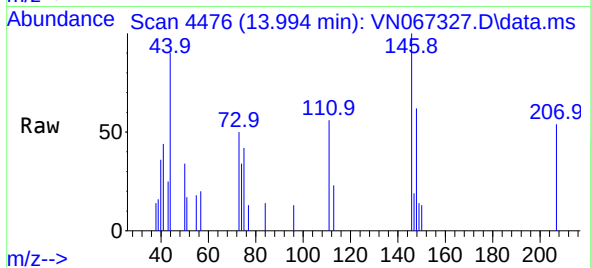
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#91
1,2-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

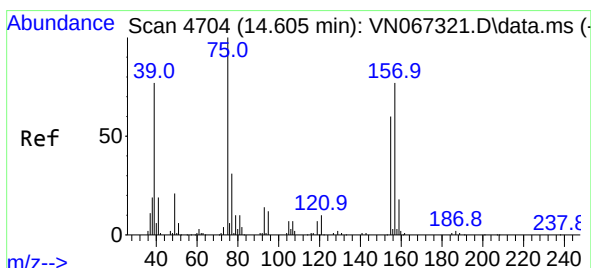
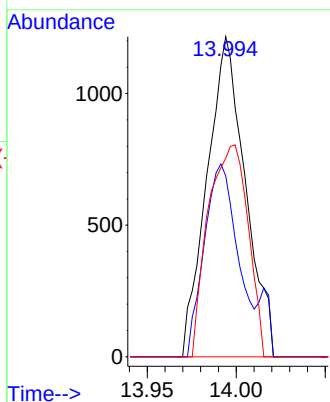
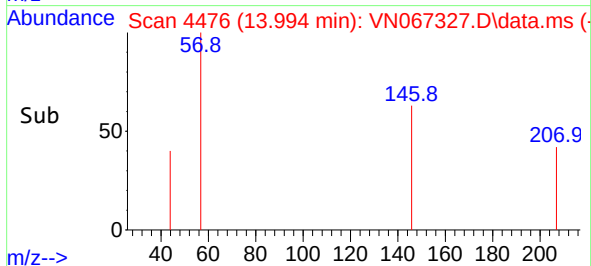
Instrument :
MSVOA_N
ClientSampleId :
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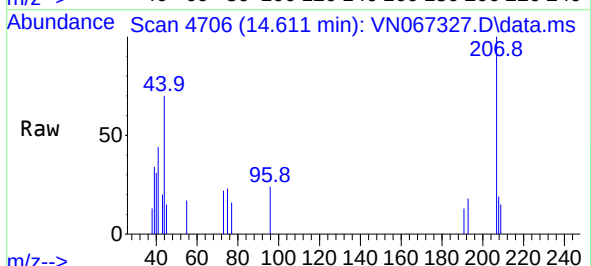
Tgt Ion:146 Resp: 1820
Ion Ratio Lower Upper
146 100
111 52.9 24.9 74.6
148 68.7 31.6 95.0

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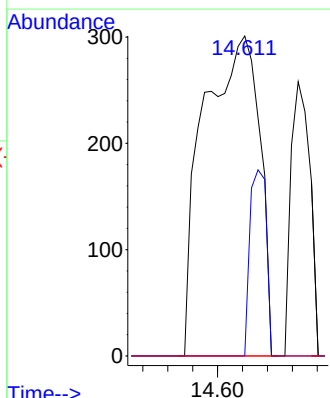
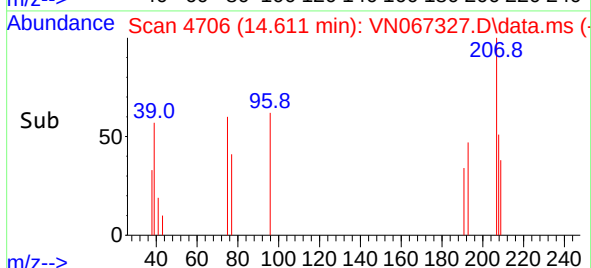
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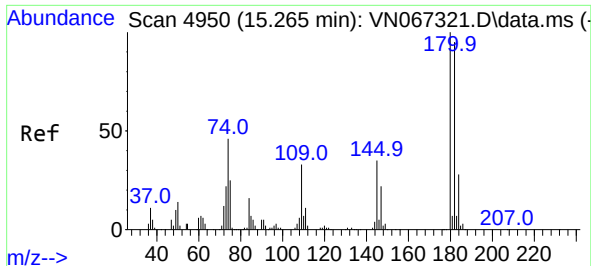


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.284 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01



Tgt Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
155 17.1 29.8 89.5#
157 0.0 37.6 112.8#





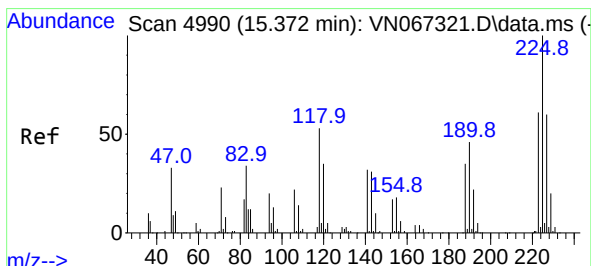
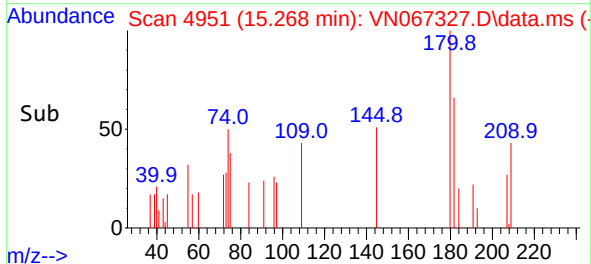
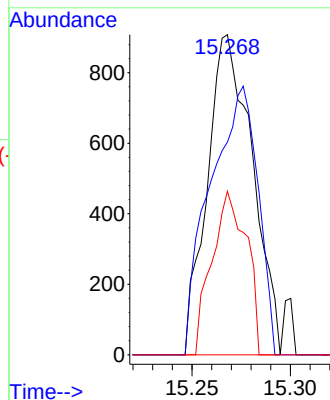
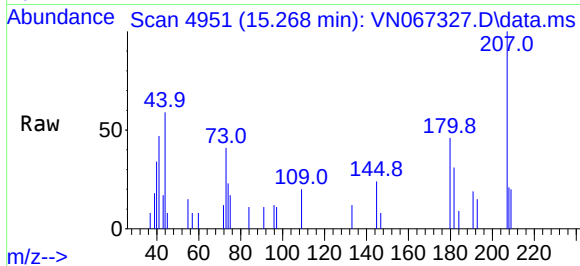
#93
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	180	Resp:	1445
Ion Ratio	Lower	Upper	
180	100		
182	88.6	47.5	142.5
145	39.2	17.2	51.6

Instrument :
MSVOA_N
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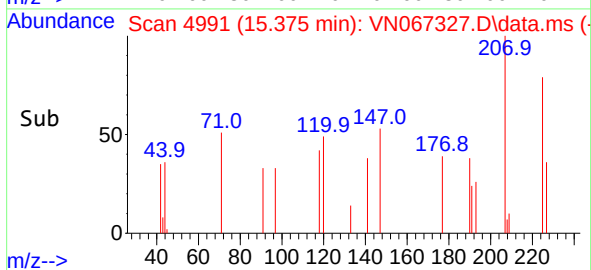
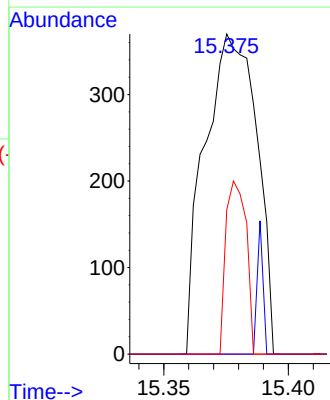
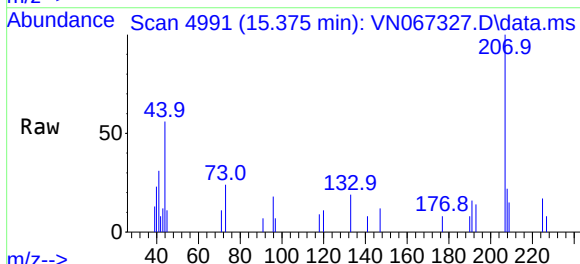
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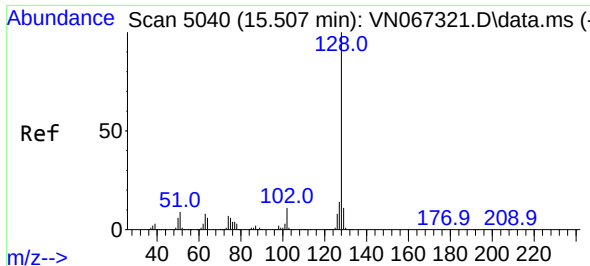
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#94
Hexachlorobutadiene
Concen: 0.232 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	225	Resp:	536
Ion Ratio	Lower	Upper	
225	100		
223	4.7	31.4	94.0#
227	21.1	31.2	93.6#





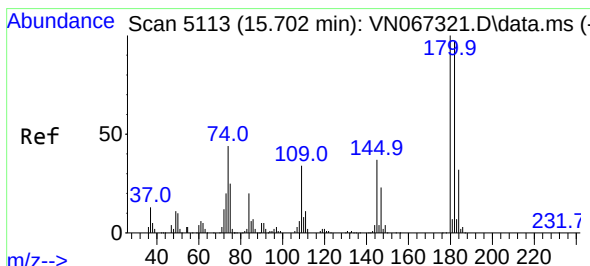
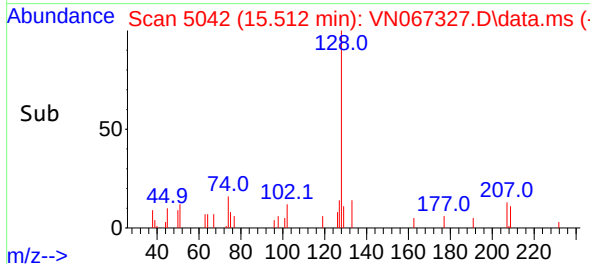
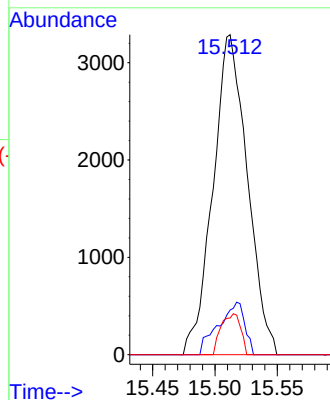
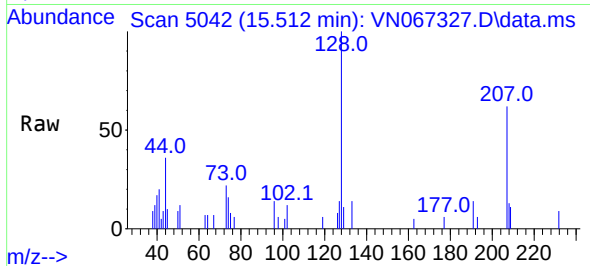
#95
Naphthalene
Concen: 0.514 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.006 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	128	Resp:	6303
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	15.8
129	7.3	8.6	12.8#

Instrument :
MSVOA_N
ClientSampleId :
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#96
1,2,3-Trichlorobenzene
Concen: 0.344 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN067327.D
Acq: 14 Jun 2021 18:01

Tgt Ion:	180	Resp:	1330
Ion Ratio	Lower	Upper	
180	100		
182	127.3	47.8	143.3
145	29.3	18.2	54.6

