

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066326.D
 Acq On : 25 Mar 2021 12:14
 Operator : JC/MD
 Sample : M1458-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
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SAM
 3/29/2021 5:11:47 PM

Quant Time: Mar 26 05:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 26 05:05:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.102	128	87382	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.512	114	466417	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	398824	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	199263	29.67	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.90%		
60) 4-Bromofluorobenzene	12.345	95	173579	27.89	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.97%		
63) Toluene-d8	10.028	98	567656	30.33	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	10264	2.10	ug/l	99
3) Chloromethane	2.014	50	15929	2.59	ug/l	100
4) Vinyl Chloride	2.145	62	14040	2.17	ug/l	95
5) Bromomethane	2.521	94	11026	2.41	ug/l	92
6) Chloroethane	2.655	64	8650	2.09	ug/l	97
7) Trichlorofluoromethane	2.961	101	20302	2.18	ug/l	99
8) Diethyl Ether	3.347	74	9007	2.86	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.682	101	11645	2.55	ug/l	64
10) 1,1-Dichloroethene	3.658	96	11632	2.58	ug/l	93
11) Methyl Iodide	3.867	142	15121	2.33	ug/l	93
12) Methyl Acetate	4.232	43	21011	3.00	ug/l	93
13) Acrolein	3.532	56	17161	35.35	ug/l	95
14) Acrylonitrile	4.884	53	32197	11.14	ug/l	98
15) Acetone	3.741	58	13647	16.22	ug/l	88
16) Carbon Disulfide	3.964	76	33770	2.70	ug/l	100
17) Allyl chloride	4.229	41	34776m	4.27	ug/l	
18) Methylene Chloride	4.452	84	14945	2.77	ug/l	95
19) trans-1,2-Dichloroethene	4.929	96	11075	2.23	ug/l	96
20) Diisopropyl ether	5.860	45	36390	2.03	ug/l	100
21) 1,1-Dichloroethane	5.745	63	21102	2.18	ug/l	98
22) cis-1,2-Dichloroethene	6.732	96	13267m	2.23	ug/l	
23) tert-Butyl Alcohol	4.709	59	13961m	11.77	ug/l	
24) Methyl tert-Butyl Ether	4.943	73	37953m	2.20	ug/l	
25) Chloroform	7.281	83	21186	2.17	ug/l	97
26) Cyclohexane	7.566	56	18116	2.11	ug/l #	99
29) 1,1-Dichloropropene	7.710	75	14959	2.14	ug/l	83
30) 2-Butanone	6.750	43	44029	10.77	ug/l #	80
31) 2,2-Dichloropropane	6.724	77	19204	2.22	ug/l #	78
32) 1,1,1-Trichloroethane	7.483	97	16865	1.99	ug/l	89
33) Carbon Tetrachloride	7.686	117	14649	2.05	ug/l	98
34) Benzene	7.960	78	45111	2.12	ug/l #	1
35) Methacrylonitrile	7.080	41	8424m	2.44	ug/l	
36) 1,2-Dichloroethane	8.043	62	17205	2.21	ug/l	97
37) Trichloroethene	8.762	130	12081	2.18	ug/l	98
38) Methylcyclohexane	9.011	83	17395m	2.02	ug/l	
39) 1,2-Dichloropropane	9.046	63	12655	2.20	ug/l	98
40) Dibromomethane	9.137	93	8213	2.22	ug/l	97
41) Bromodichloromethane	9.333	83	16296	2.08	ug/l	96
42) Vinyl Acetate	5.798	43	153617	9.97	ug/l	99

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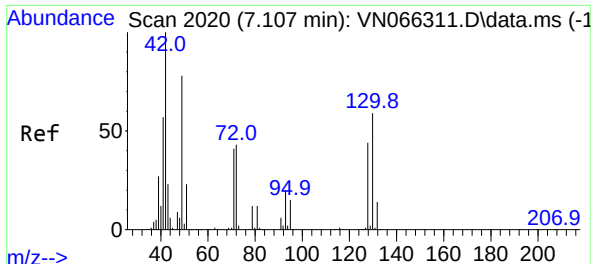
Manual Integrations
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Quant Time: Mar 26 05:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 26 05:05:11 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.844	43	16903	2.15	ug/l #	100
44) Isopropyl Acetate	8.091	43	30345	2.16	ug/l #	100
45) 1,4-Dioxane	9.145	88	3651	40.71	ug/l #	29
46) Methyl methacrylate	9.135	41	12954	1.97	ug/l	95
47) n-amyl Acetate	12.028	43	7813	1.37	ug/l	92
48) t-1,3-Dichloropropene	10.323	75	17013	2.00	ug/l	96
49) cis-1,3-Dichloropropene	9.776	75	19574	2.14	ug/l	93
50) 1,1,2-Trichloroethane	10.505	97	11259	2.13	ug/l	96
51) Ethyl methacrylate	10.371	69	16562	2.00	ug/l	95
52) 1,3-Dichloropropane	10.645	76	19259	2.18	ug/l	97
53) Dibromochloromethane	10.840	129	12086	2.03	ug/l	97
54) 1,2-Dibromoethane	10.945	107	11386	2.09	ug/l	99
55) 2-Chloroethyl vinyl ether	9.633	63	5487	4.45	ug/l #	87
56) Bromoform	12.069	173	8686	1.99	ug/l #	100
58) 4-Methyl-2-Pentanone	9.923	43	87985	11.01	ug/l	100
59) 2-Hexanone	10.696	43	61064	11.11	ug/l	99
61) Tetrachloroethene	10.569	164	12589	2.29	ug/l	98
62) Toluene	10.092	91	46986	2.13	ug/l	99
64) Chlorobenzene	11.374	112	28561	2.20	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.449	131	11051	2.17	ug/l	92
66) Ethyl Benzene	11.452	91	49920	2.10	ug/l	93
67) m/p-Xylenes	11.564	106	37024	4.19	ug/l	94
68) o-Xylene	11.889	106	18152	2.08	ug/l	99
69) Styrene	11.908	104	27283	1.95	ug/l	96
70) Isopropylbenzene	12.192	105	46105	2.01	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.450	83	15116	2.06	ug/l	95
72) 1,2,3-Trichloropropane	12.500	75	16994m	2.39	ug/l	
73) Bromobenzene	12.471	156	12040	2.13	ug/l	93
74) n-propylbenzene	12.535	91	46832	1.85	ug/l	99
75) 2-Chlorotoluene	12.618	91	30537	1.99	ug/l	100
76) 1,3,5-Trimethylbenzene	12.678	105	36245	1.92	ug/l	100
77) t-1,4-Dichloro-2-butene	12.248	75	3292	1.43	ug/l	81
78) 4-Chlorotoluene	12.720	91	25701	1.71	ug/l	100
79) tert-butylbenzene	12.940	119	31374	1.91	ug/l	98
80) 1,2,4-Trimethylbenzene	12.986	105	34400	1.88	ug/l	97
81) sec-Butylbenzene	13.117	105	38473	1.84	ug/l	96
82) p-Isopropyltoluene	13.235	119	34385	1.86	ug/l	98
83) 1,3-Dichlorobenzene	13.233	146	16911	1.82	ug/l	98
84) 1,4-Dichlorobenzene	13.313	146	14894	1.65	ug/l	94
85) n-Butylbenzene	13.563	91	29435	1.95	ug/l	95
86) Hexachloroethane	13.815	117	7002	2.05	ug/l	89
87) 1,2-Dichlorobenzene	13.600	146	16813	1.83	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.222	75	3226m	2.15	ug/l	
89) 1,2,4-Trichlorobenzene	14.855	180	13646	2.33	ug/l #	93
90) Hexachlorobutadiene	14.949	225	7074	2.23	ug/l	95
91) Naphthalene	15.075	128	65528	3.67	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.255	180	17375	3.03	ug/l	85

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



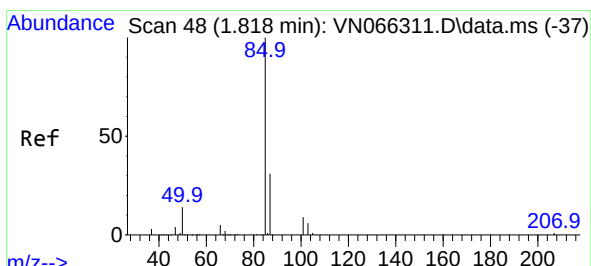
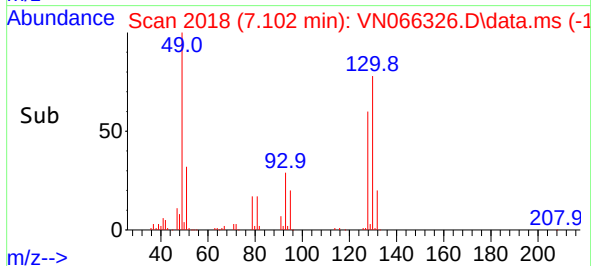
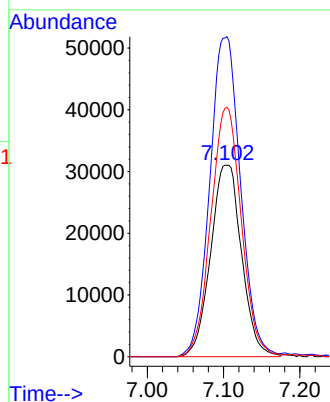
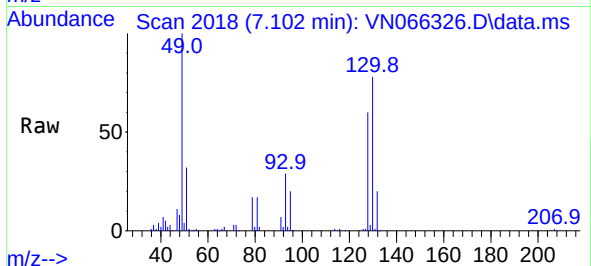
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 128 Resp: 87382
Ion Ratio Lower Upper
128 100
49 166.0 0.0 429.3
130 128.5 0.0 328.5

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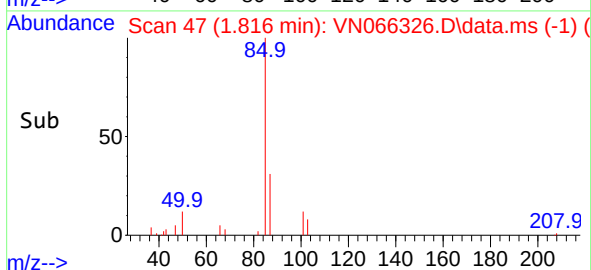
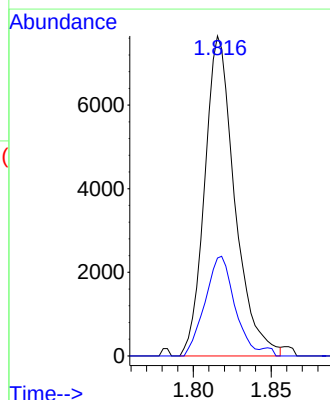
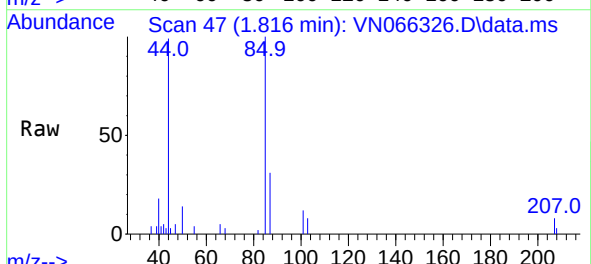
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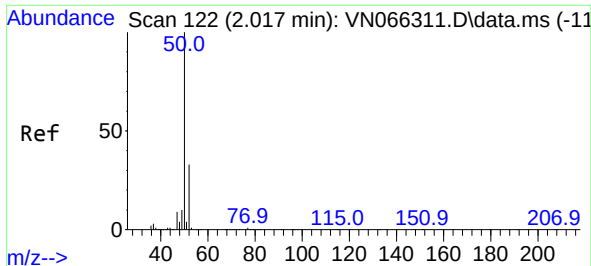
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#2
Dichlorodifluoromethane
Concen: 2.10 ug/l
RT: 1.816 min Scan# 47
Delta R.T. -0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

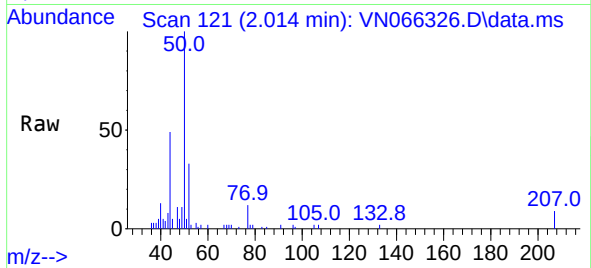
Tgt Ion: 85 Resp: 10264
Ion Ratio Lower Upper
85 100
87 30.6 15.4 46.4





#3
Chloromethane
Concen: 2.59 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

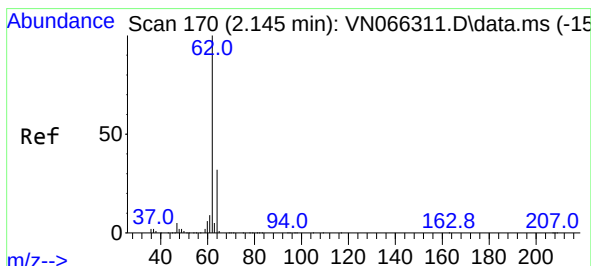
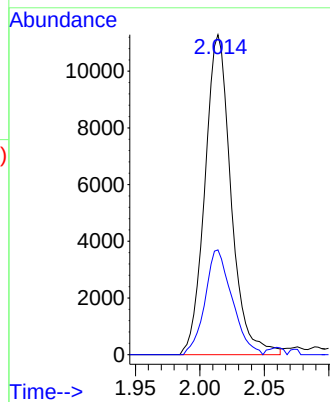
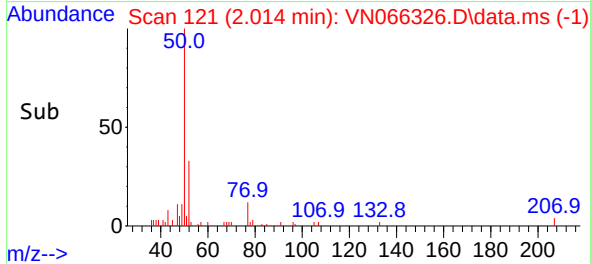
Instrument :
MSVOA_N
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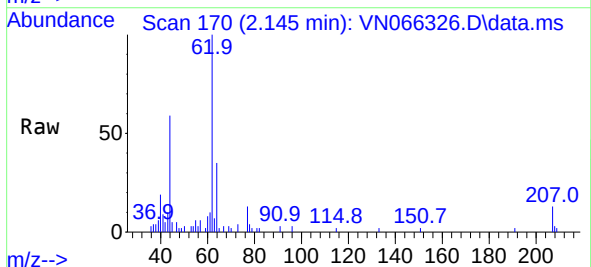
Tgt Ion: 50 Resp: 15929
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

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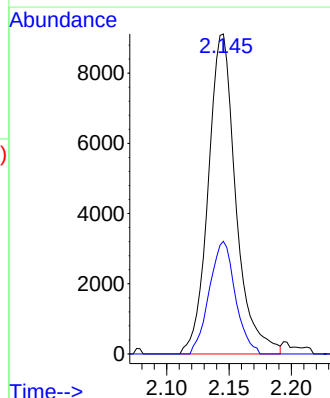
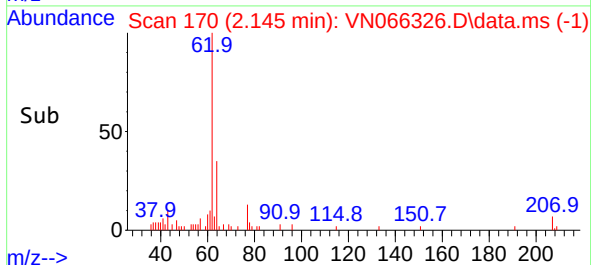
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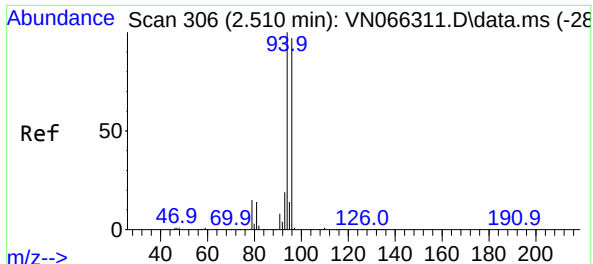


#4
Vinyl Chloride
Concen: 2.17 ug/l
RT: 2.145 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



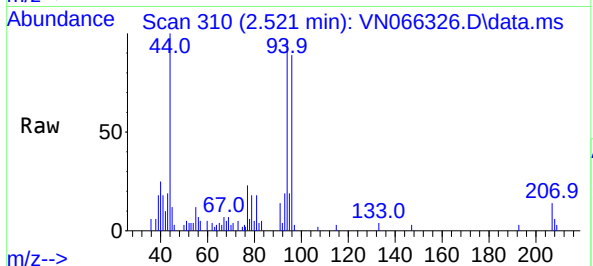
Tgt Ion: 62 Resp: 14040
Ion Ratio Lower Upper
62 100
64 35.2 25.8 38.6





#5
Bromomethane
Concen: 2.41 ug/l
RT: 2.521 min Scan# 310
Delta R.T. 0.011 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

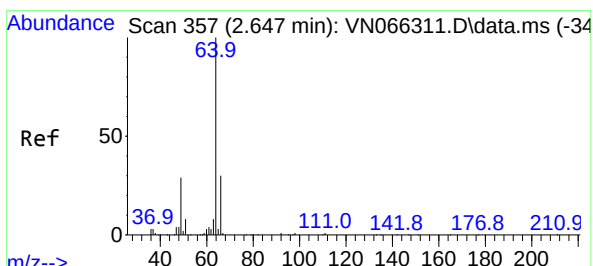
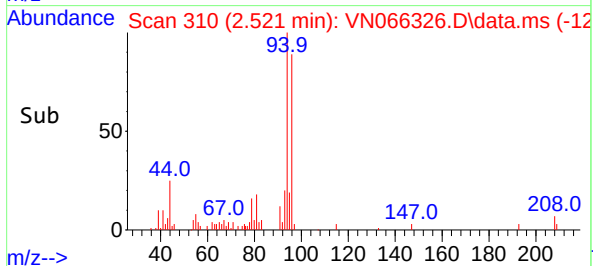
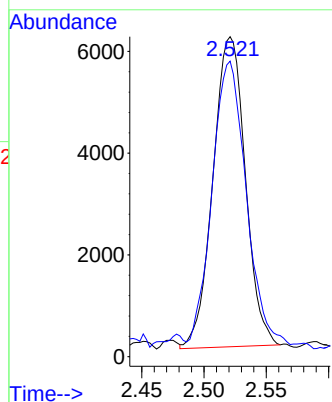
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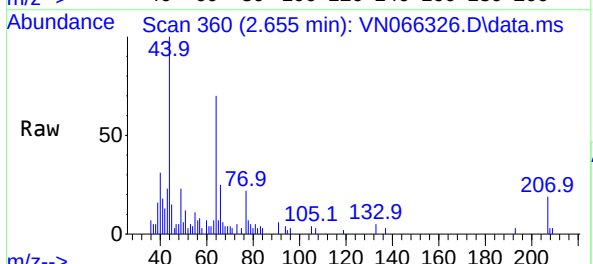
Tgt Ion: 94 Resp: 11026
Ion Ratio Lower Upper
94 100
96 89.2 77.8 116.8

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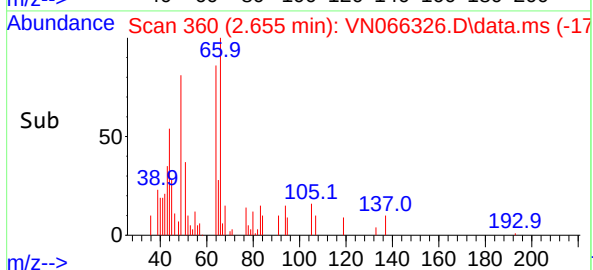
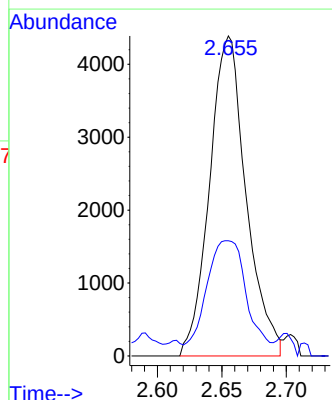
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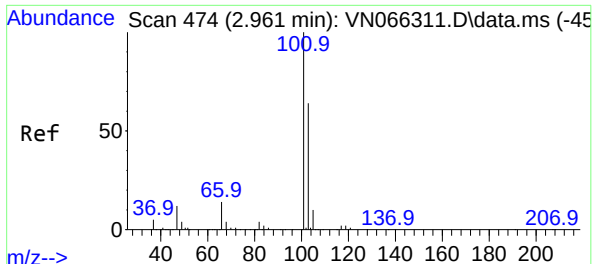


#6
Chloroethane
Concen: 2.09 ug/l
RT: 2.655 min Scan# 360
Delta R.T. 0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 64 Resp: 8650
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.4





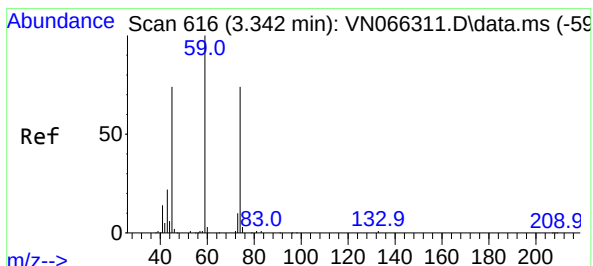
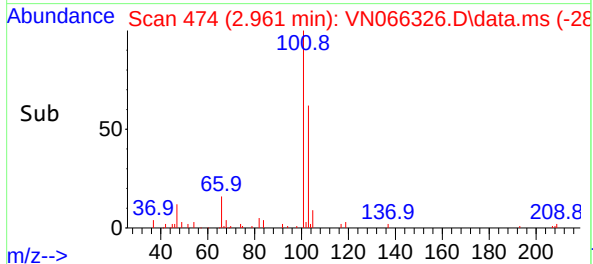
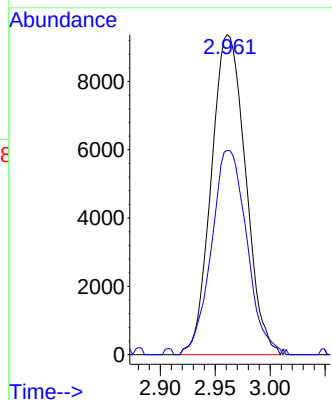
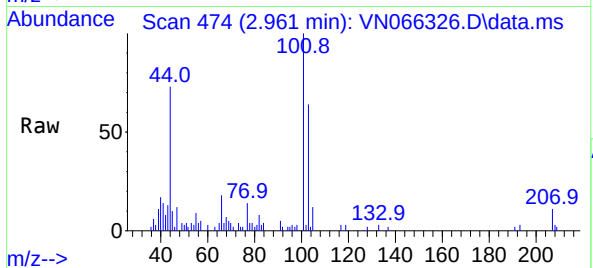
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Trichlorofluoromethane
Concen: 2.18 ug/l
RT: 2.961 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:101 Resp: 20302
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4

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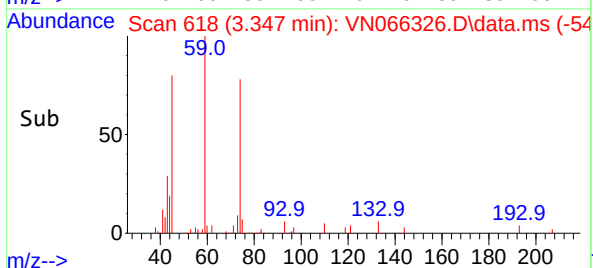
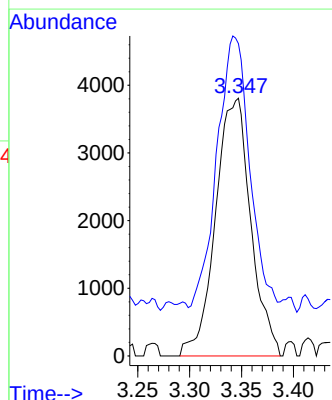
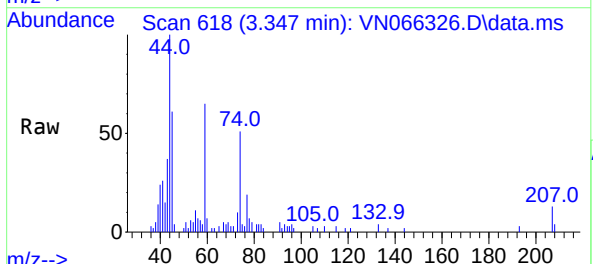
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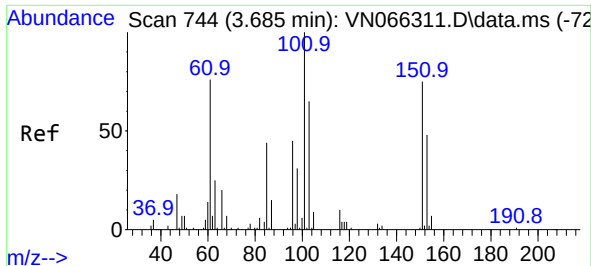
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#8
Diethyl Ether
Concen: 2.86 ug/l
RT: 3.347 min Scan# 618
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 74 Resp: 9007
Ion Ratio Lower Upper
74 100
45 96.8 19.5 175.9





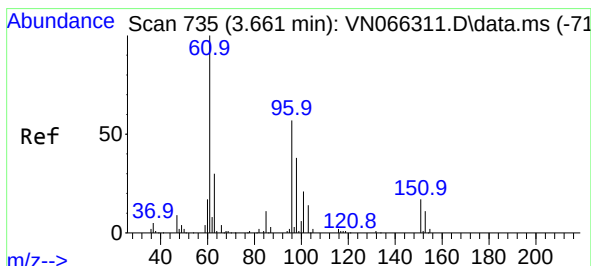
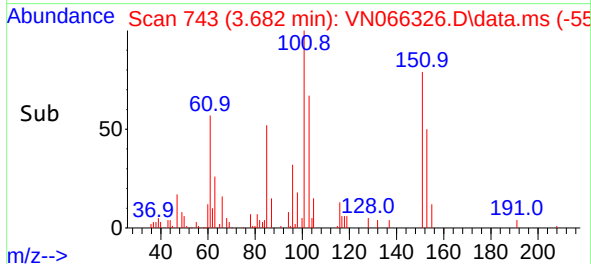
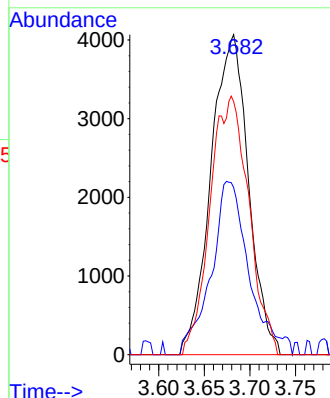
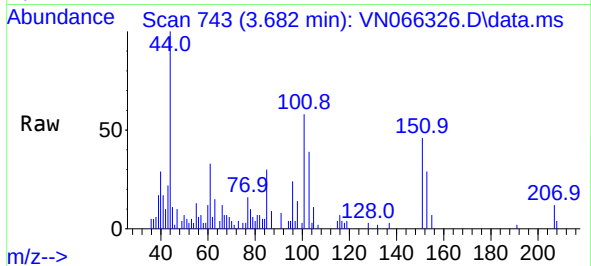
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1,1,2-Trichlorotrifluoroethane
Concen: 2.55 ug/l
RT: 3.682 min Scan# 743
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 101 Resp: 11645
Ion Ratio Lower Upper
101 100
85 50.6 0.0 90.6
151 33.7 0.0 159.0

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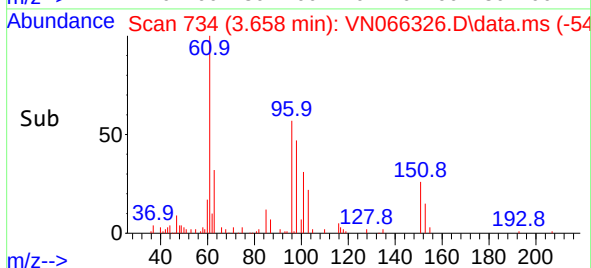
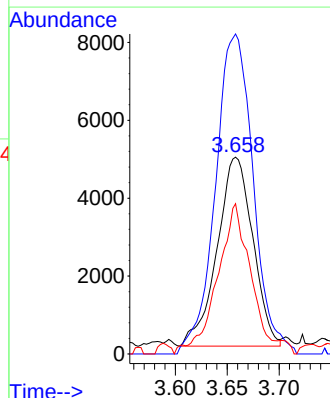
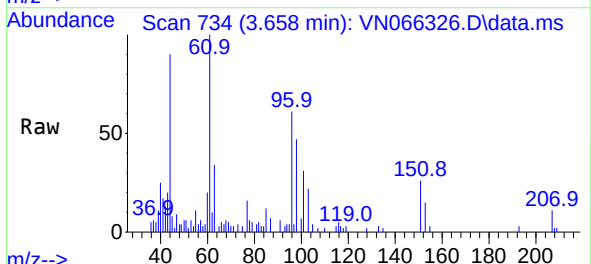
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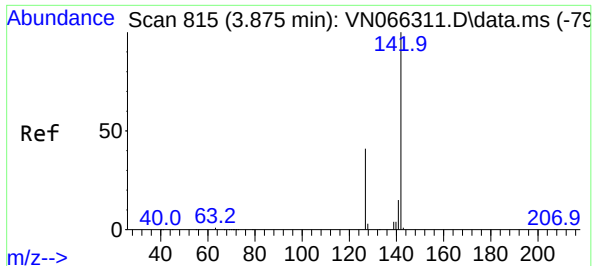
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#10
1,1-Dichloroethene
Concen: 2.58 ug/l
RT: 3.658 min Scan# 734
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

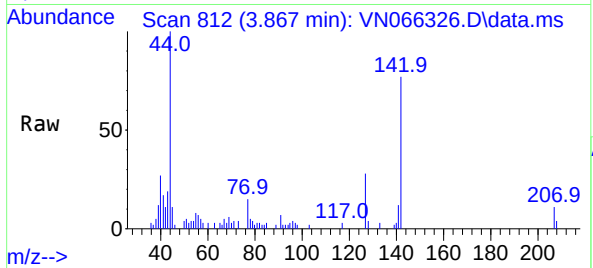
Tgt Ion: 96 Resp: 11632
Ion Ratio Lower Upper
96 100
61 166.2 139.6 209.4
98 75.2 53.7 80.5





#11
Methyl Iodide
Concen: 2.33 ug/l
RT: 3.867 min Scan# 812
Delta R.T. -0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

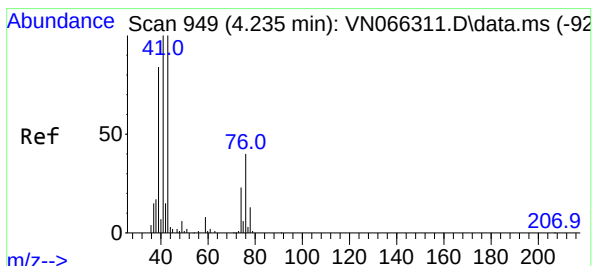
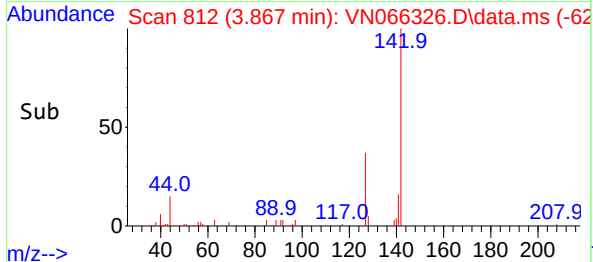
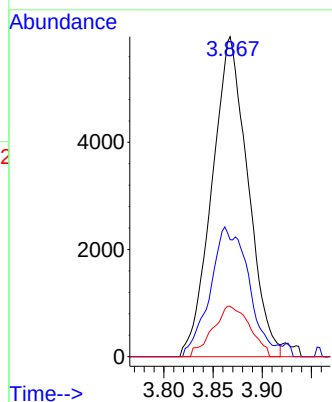
Instrument :
MSVOA_N
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Tgt Ion:	142	Resp:	15121
Ion	Ratio	Lower	Upper
142	100		
127	35.5	20.5	61.6
141	16.1	7.4	22.3

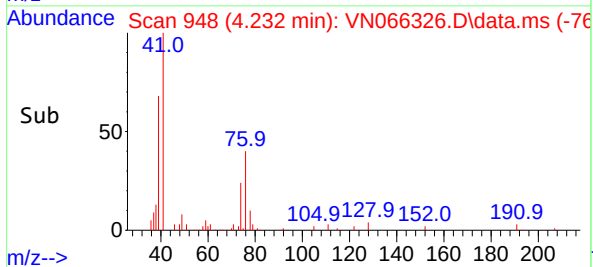
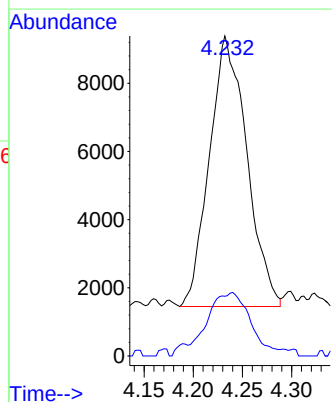
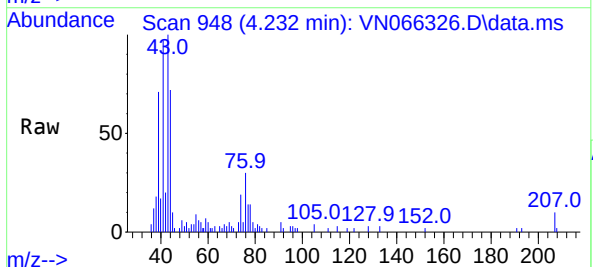
Manual Integrations
APPROVED

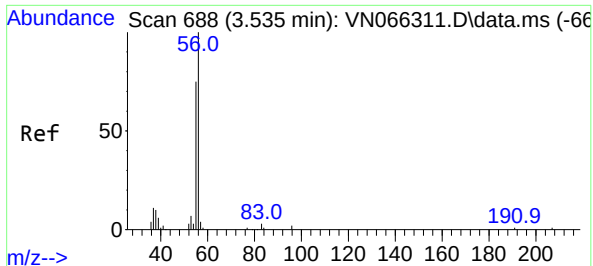
SAM
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#12
Methyl Acetate
Concen: 3.00 ug/l
RT: 4.232 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	43	Resp:	21011
Ion	Ratio	Lower	Upper
43	100		
74	19.1	18.0	27.0





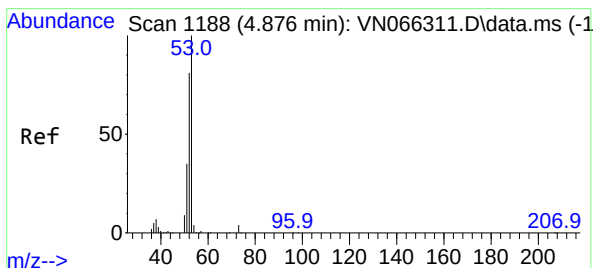
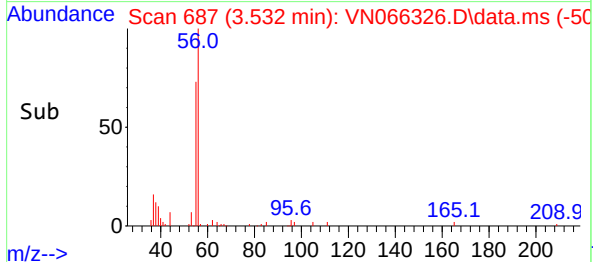
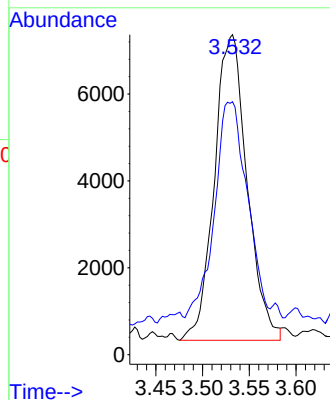
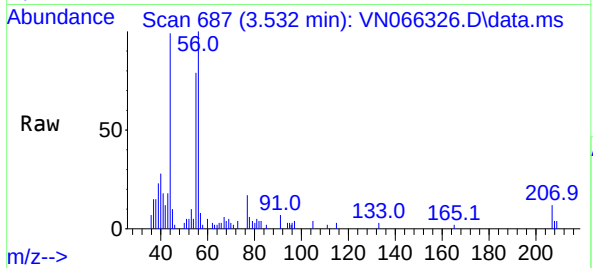
#13
Acrolein
Concen: 35.35 ug/l
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 56 Resp: 17161
Ion Ratio Lower Upper
56 100
55 71.4 54.1 81.1

Instrument :
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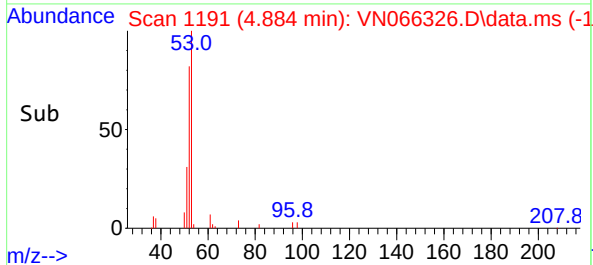
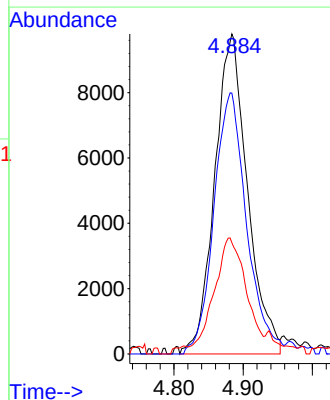
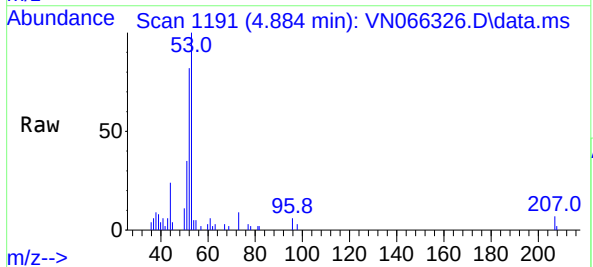
Manual Integrations
APPROVED

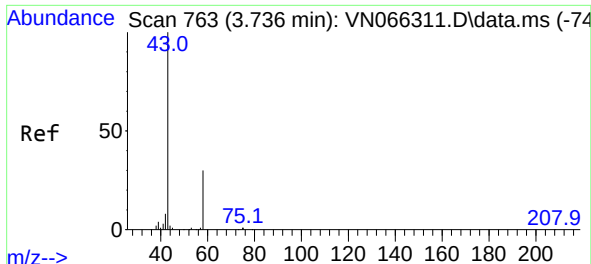
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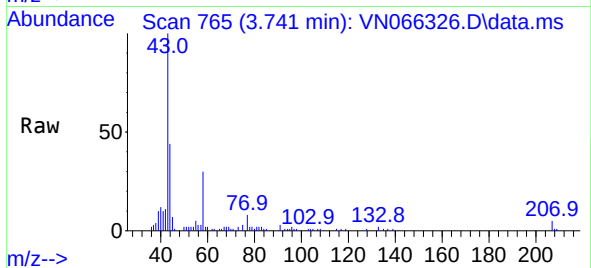
#14
Acrylonitrile
Concen: 11.14 ug/l
RT: 4.884 min Scan# 1191
Delta R.T. 0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 53 Resp: 32197
Ion Ratio Lower Upper
53 100
52 81.5 41.0 123.0
51 33.4 17.8 53.4

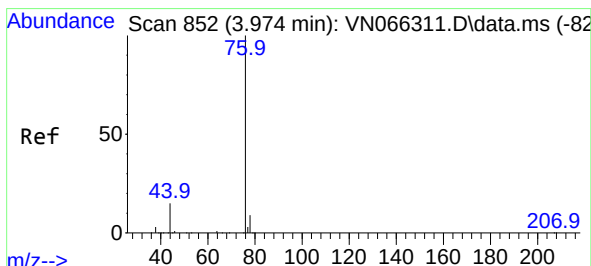
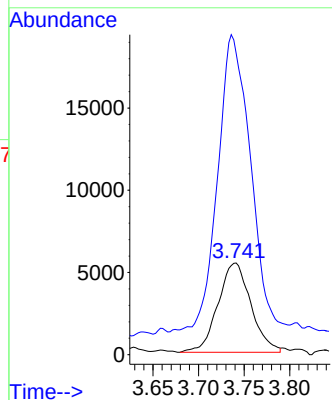
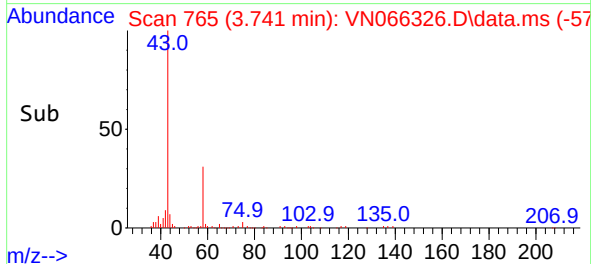




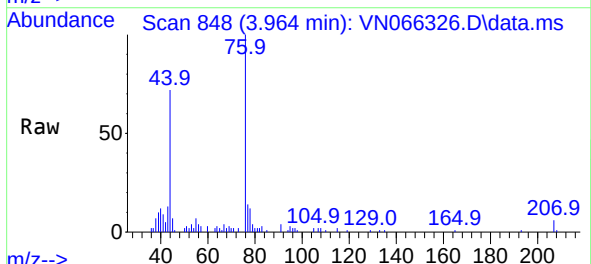
#15
Acetone
Concen: 16.22 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



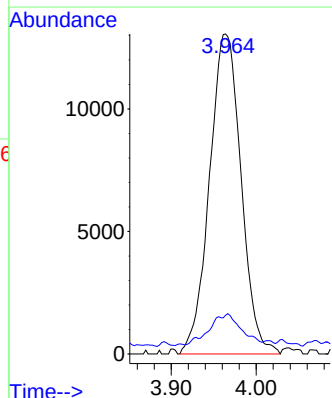
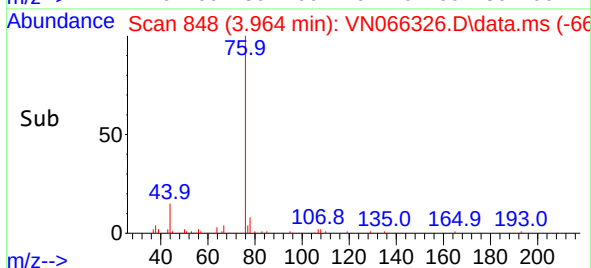
Tgt Ion: 58 Resp: 13647
Ion Ratio Lower Upper
58 100
43 309.7 267.3 400.9



#16
Carbon Disulfide
Concen: 2.70 ug/l
RT: 3.964 min Scan# 848
Delta R.T. -0.010 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



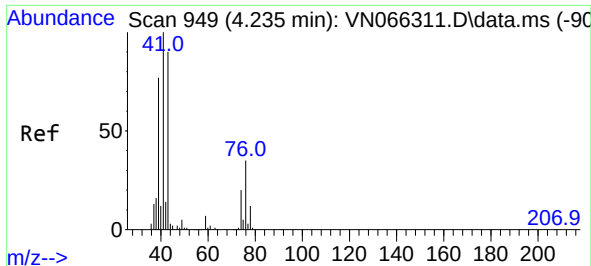
Tgt Ion: 76 Resp: 33770
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



Instrument :
MSVOA_N
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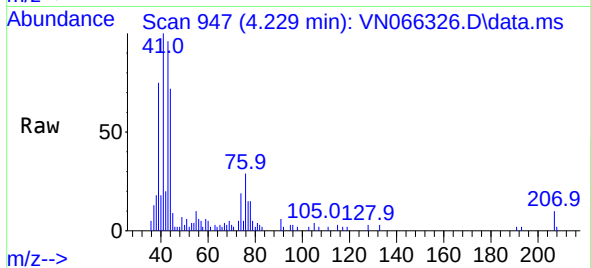
Manual Integrations
APPROVED

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#17
Allyl chloride
Concen: 4.27 ug/l m
RT: 4.229 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

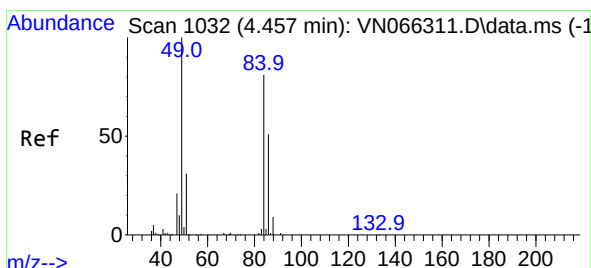
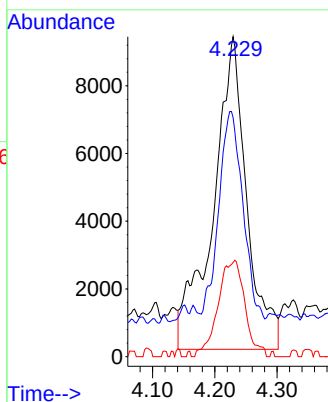
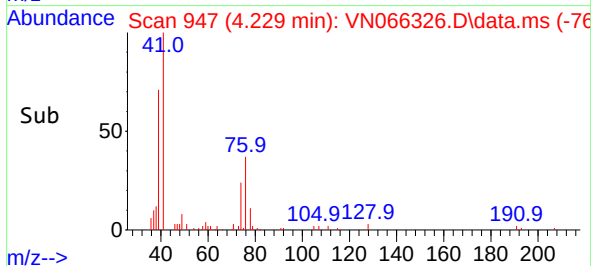
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



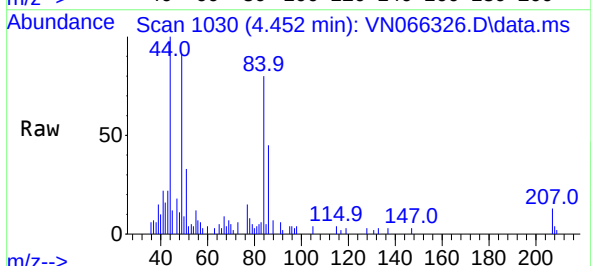
Tgt Ion: 41 Resp: 34776
Ion Ratio Lower Upper
41 100
39 74.8 38.6 116.0
76 29.4 17.6 52.8

Manual Integrations
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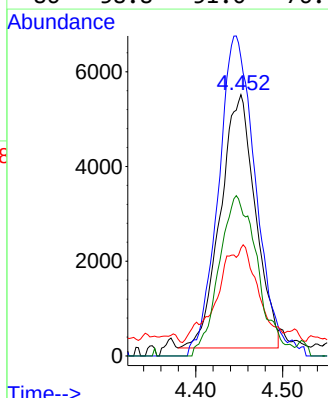
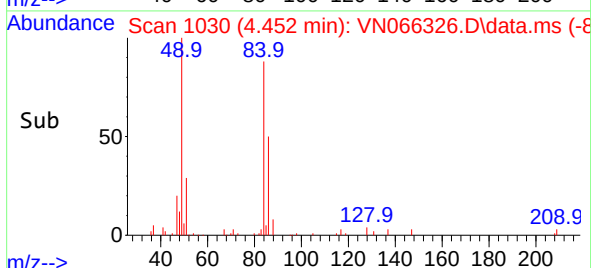
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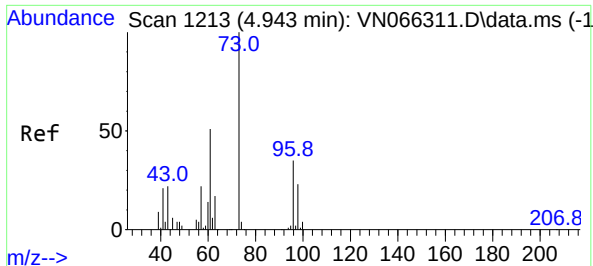


#18
Methylene Chloride
Concen: 2.77 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



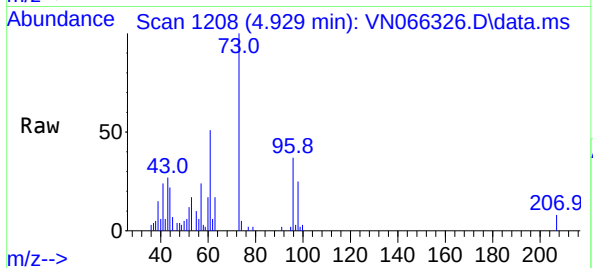
Tgt Ion: 84 Resp: 14945
Ion Ratio Lower Upper
84 100
49 117.8 98.9 148.3
51 35.9 30.8 46.2
86 58.8 51.0 76.4





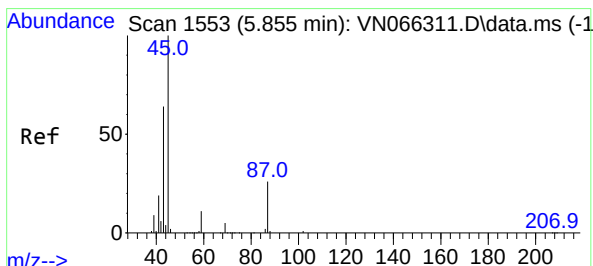
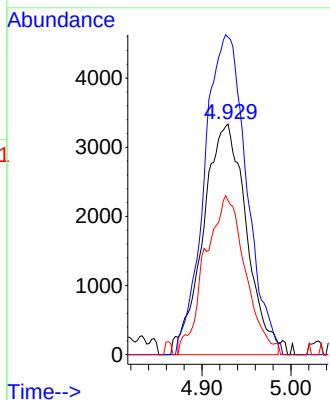
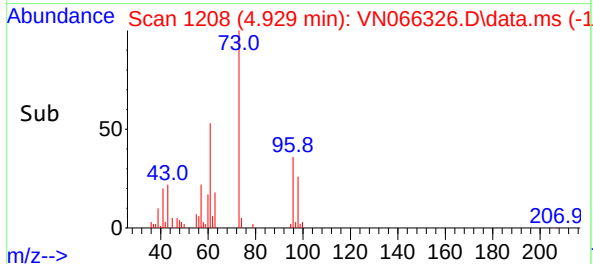
#19

trans-1,2-Dichloroethene
Concen: 2.23 ug/l
RT: 4.929 min Scan# 1208
Delta R.T. -0.014 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



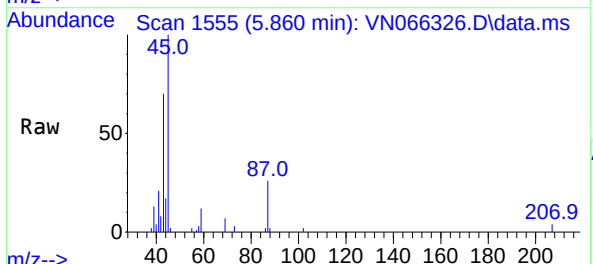
Tgt Ion: 96 Resp: 11075

Ion	Ratio	Lower	Upper
96	100		
61	139.7	113.4	170.0
98	70.5	51.0	76.4



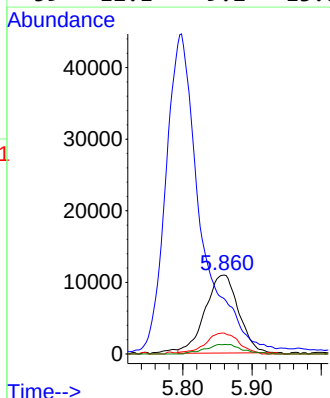
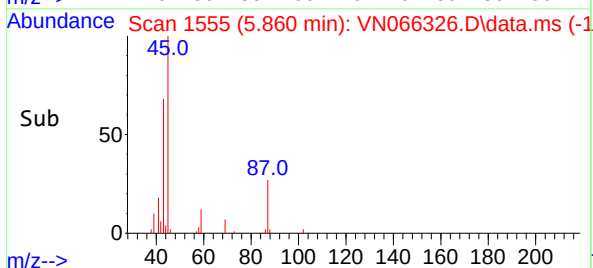
#20

Diisopropyl ether
Concen: 2.03 ug/l
RT: 5.860 min Scan# 1555
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 45 Resp: 36390

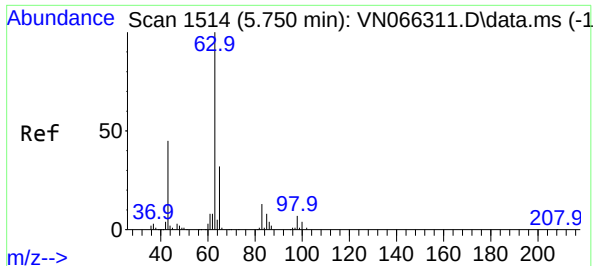
Ion	Ratio	Lower	Upper
45	100		
43	64.0	51.4	77.2
87	26.8	21.4	32.0
59	12.1	9.2	13.8



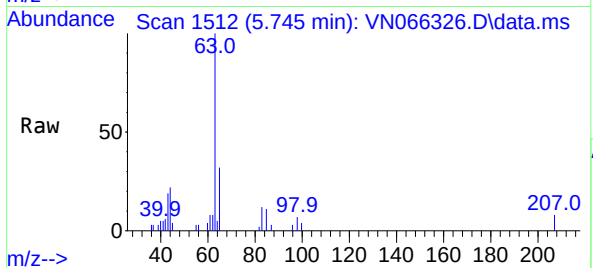
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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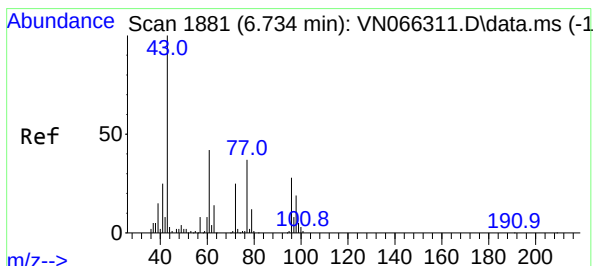
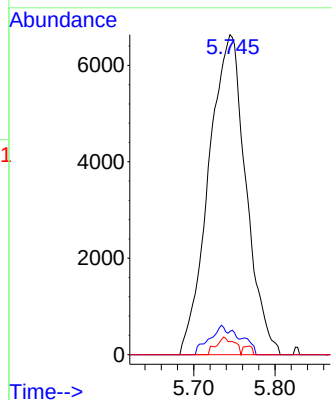
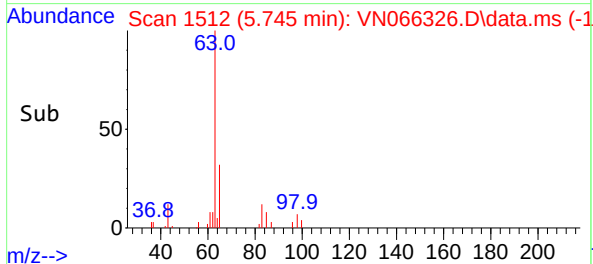
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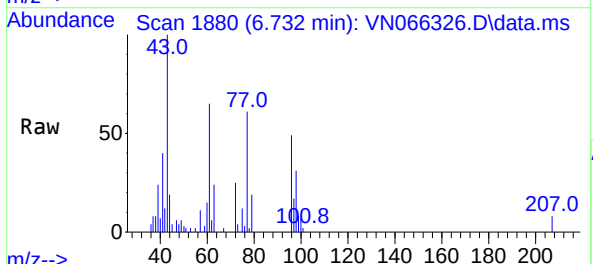
#21
1,1-Dichloroethane
Concen: 2.18 ug/l
RT: 5.745 min Scan# 1512
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



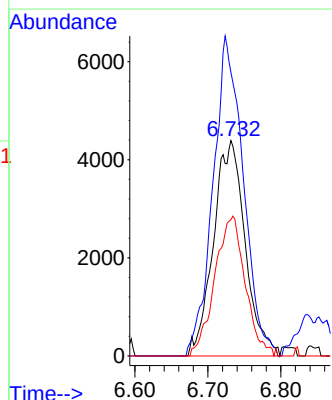
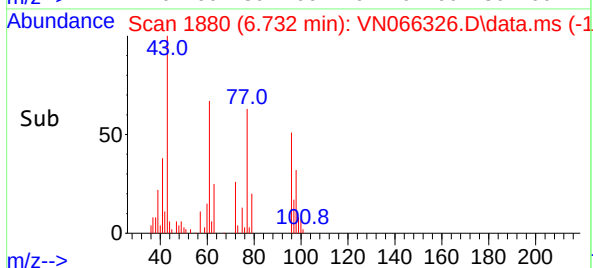
Tgt Ion: 63 Resp: 21102
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 4.1 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 2.23 ug/l m
RT: 6.732 min Scan# 1880
Delta R.T. -0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



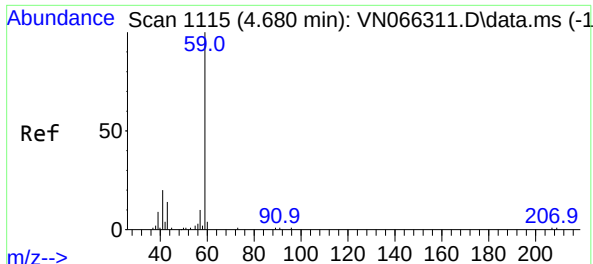
Tgt Ion: 96 Resp: 13267
Ion Ratio Lower Upper
96 100
61 141.3 119.4 179.0
98 60.7 51.5 77.3



Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

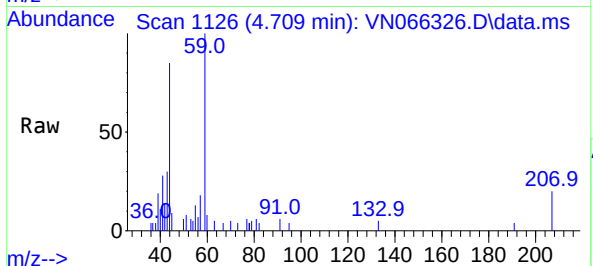
Manual Integrations
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#23
tert-Butyl Alcohol
Concen: 11.77 ug/l m
RT: 4.709 min Scan# 1126
Delta R.T. 0.029 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

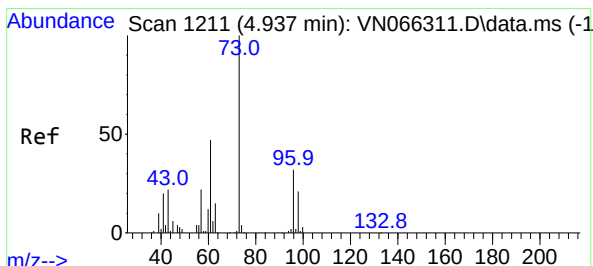
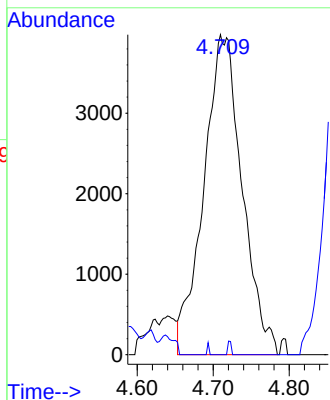
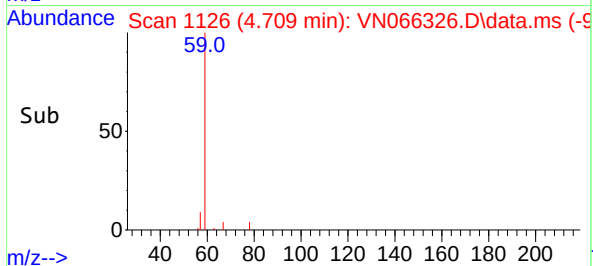
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



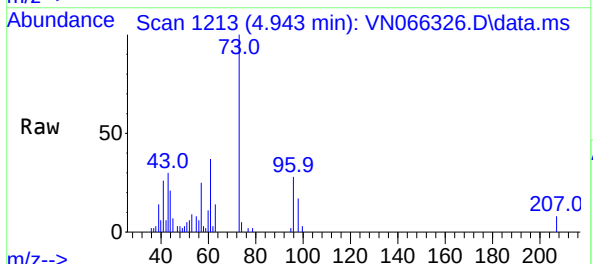
Tgt Ion: 59 Resp: 13961
Ion Ratio Lower Upper
59 100
52 0.4 0.1 0.1#

Manual Integrations
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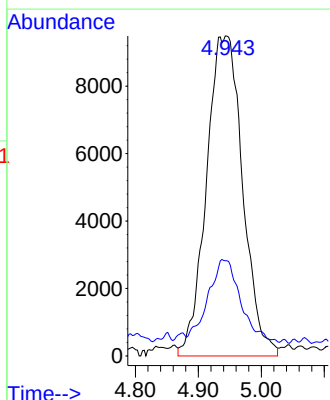
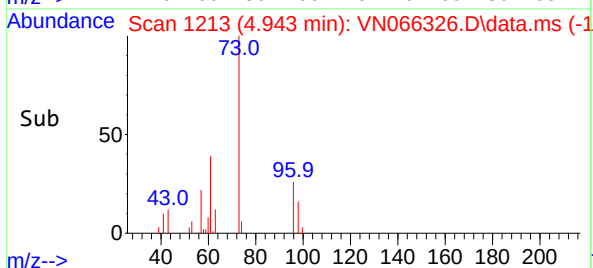
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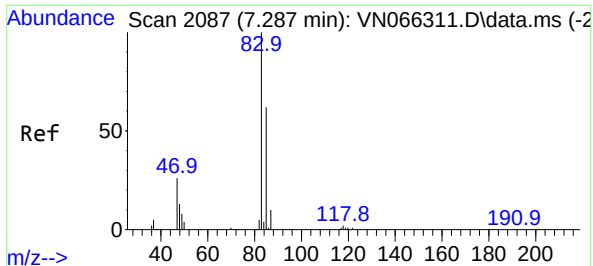


#24
Methyl tert-Butyl Ether
Concen: 2.20 ug/l m
RT: 4.943 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 73 Resp: 37953
Ion Ratio Lower Upper
73 100
43 0.1 18.5 27.7#





#25

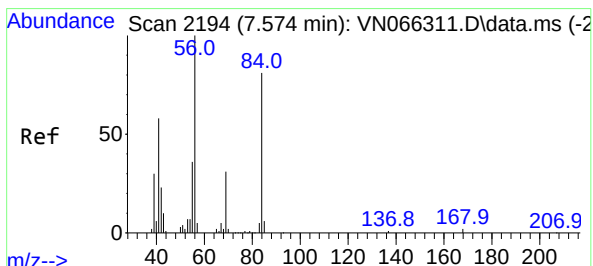
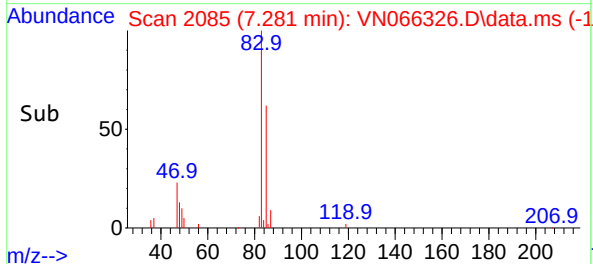
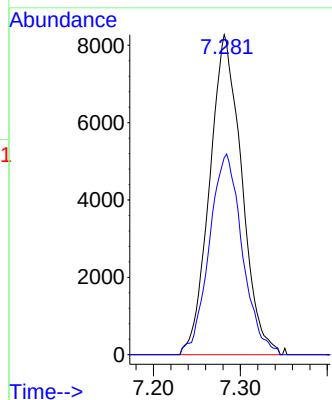
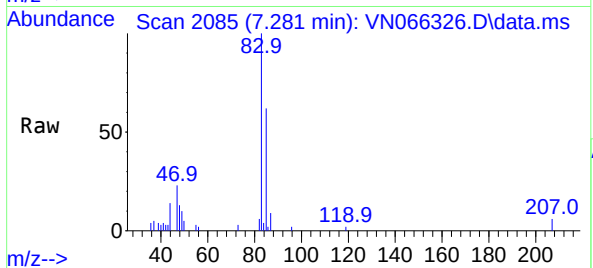
Chloroform
Concen: 2.17 ug/l
RT: 7.281 min Scan# 2085
Delta R.T. -0.006 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.4	74.2

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
APPROVED

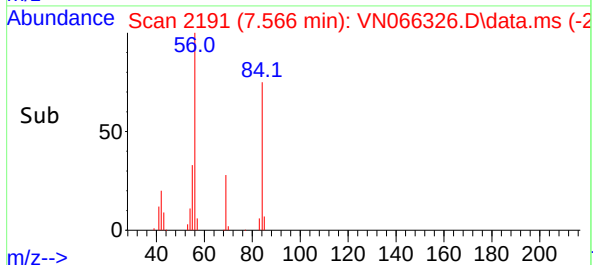
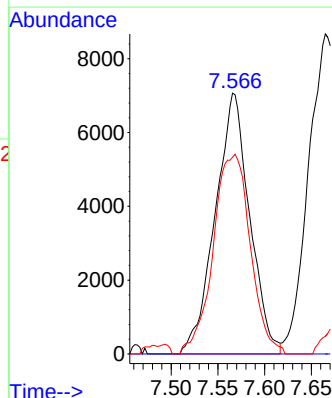
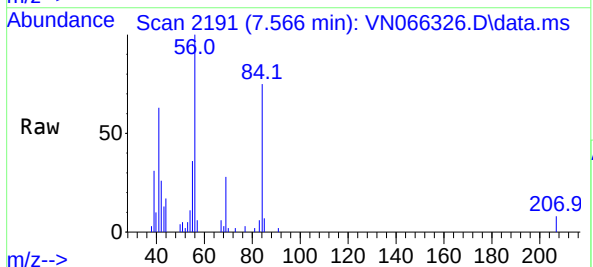
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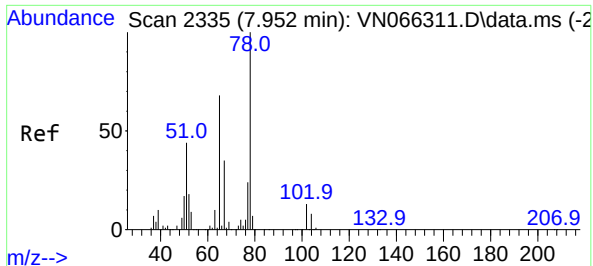


#26

Cyclohexane
Concen: 2.11 ug/l
RT: 7.566 min Scan# 2191
Delta R.T. -0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	82.4	65.4	98.2





#27

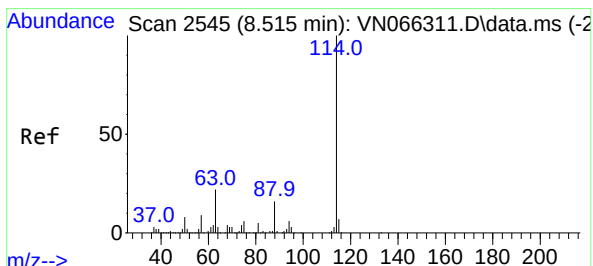
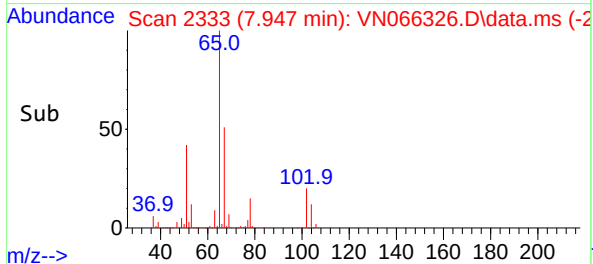
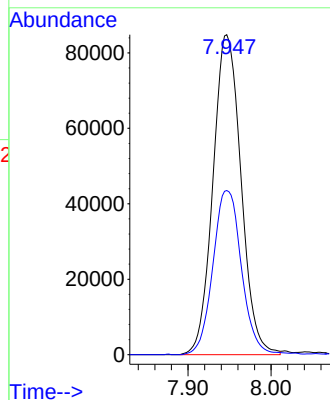
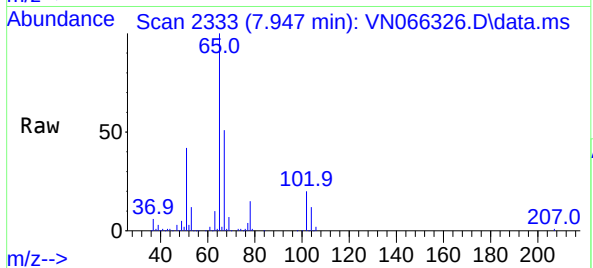
1,2-Dichloroethane-d4
Concen: 29.67 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 65 Resp: 199263
Ion Ratio Lower Upper
65 100
67 52.2 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
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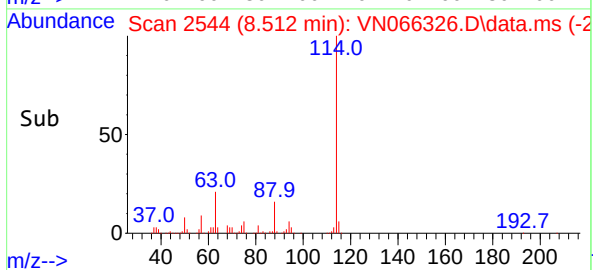
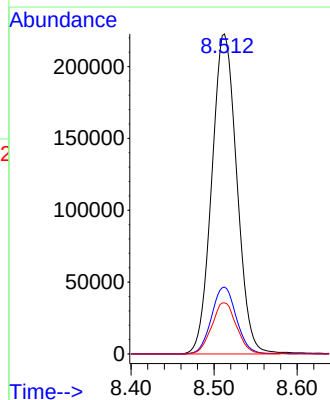
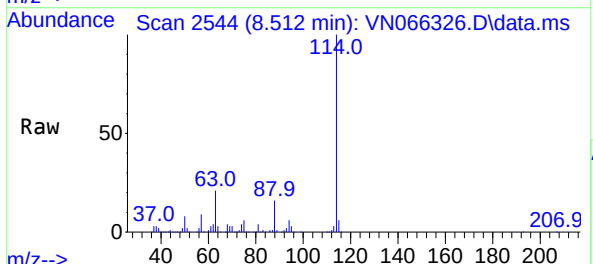
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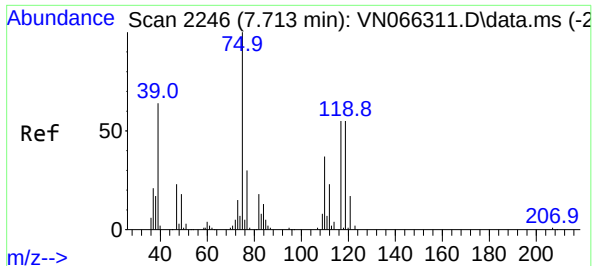


#28

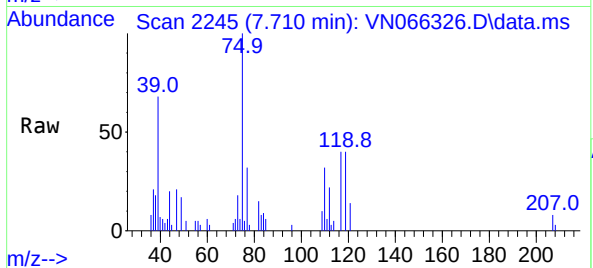
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 114 Resp: 466417
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.0
88 15.9 12.6 19.0

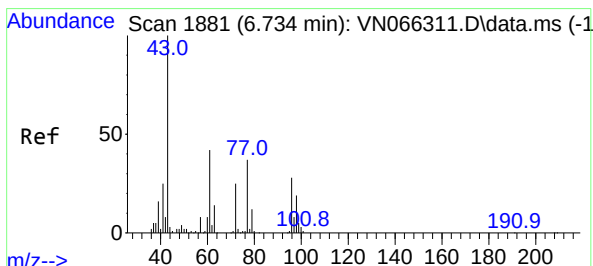
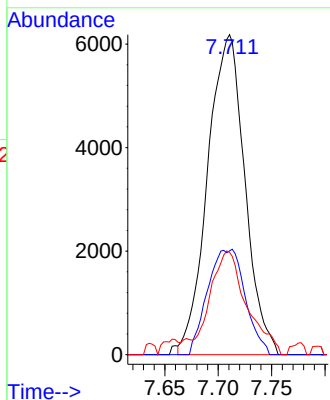
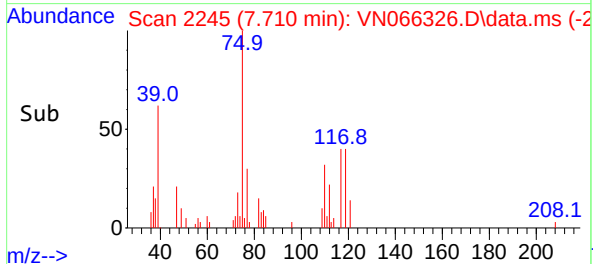




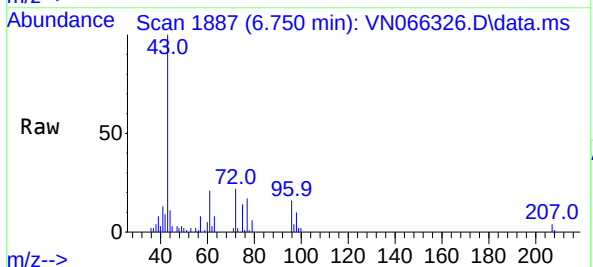
#29
1,1-Dichloropropene
Concen: 2.14 ug/l
RT: 7.710 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



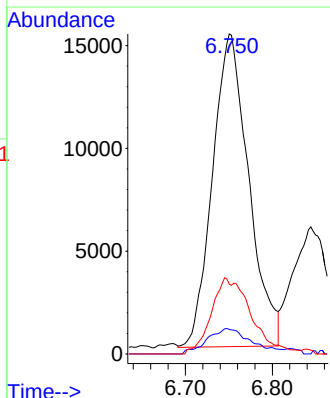
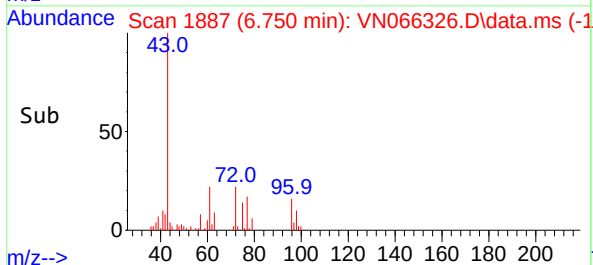
Tgt Ion: 75 Resp: 14959
Ion Ratio Lower Upper
75 100
110 17.8 0.0 69.4
77 31.7 0.0 60.6



#30
2-Butanone
Concen: 10.77 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.016 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



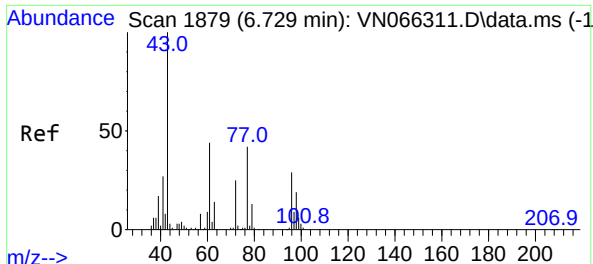
Tgt Ion: 43 Resp: 44029
Ion Ratio Lower Upper
43 100
57 5.9 6.9 10.3#
72 13.5 20.9 31.3#



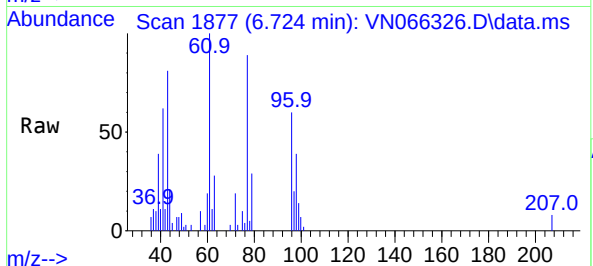
Instrument :
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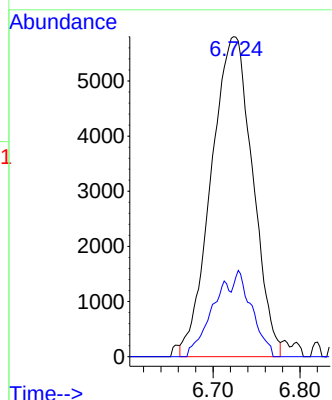
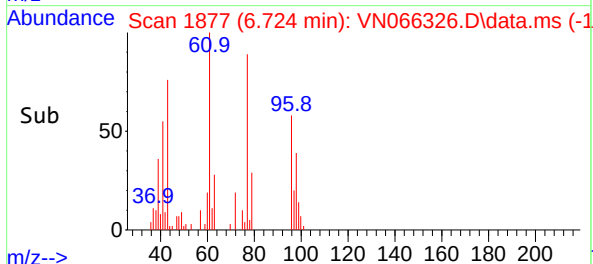
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#31
2,2-Dichloropropane
Concen: 2.22 ug/l
RT: 6.724 min Scan# 1877
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



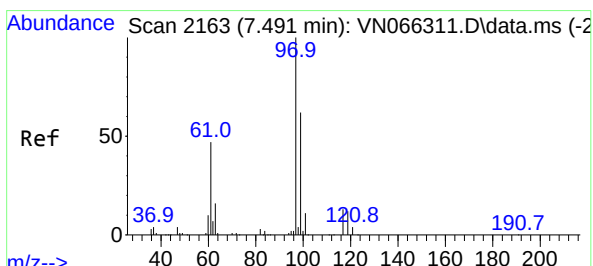
Tgt Ion: 77 Resp: 19204
Ion Ratio Lower Upper
77 100
97 12.0 18.1 27.1#



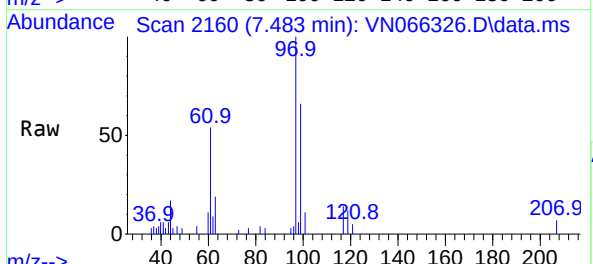
Instrument :
MSVOA_N
ClientSampleId :
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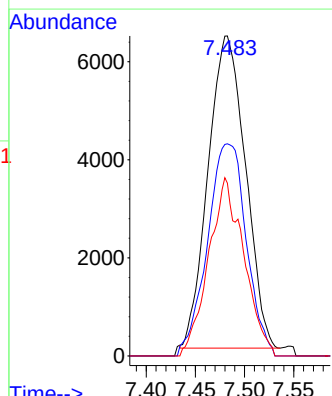
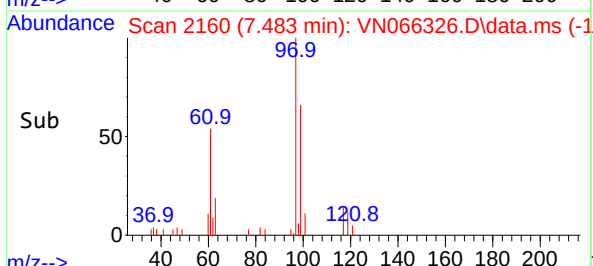
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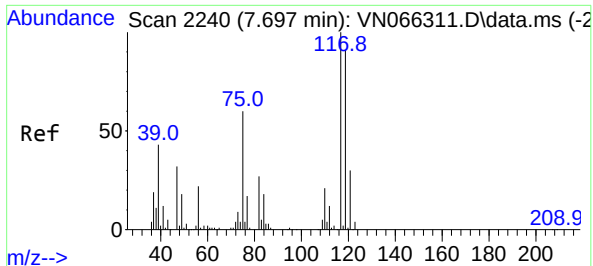


#32
1,1,1-Trichloroethane
Concen: 1.99 ug/l
RT: 7.483 min Scan# 2160
Delta R.T. -0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



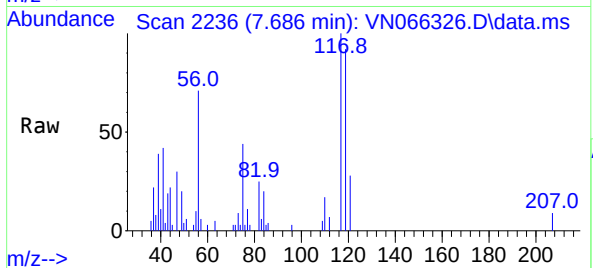
Tgt Ion: 97 Resp: 16865
Ion Ratio Lower Upper
97 100
99 70.6 50.7 76.1
61 37.9 37.6 56.4





#33
Carbon Tetrachloride
Concen: 2.05 ug/l
RT: 7.686 min Scan# 2236
Delta R.T. -0.011 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

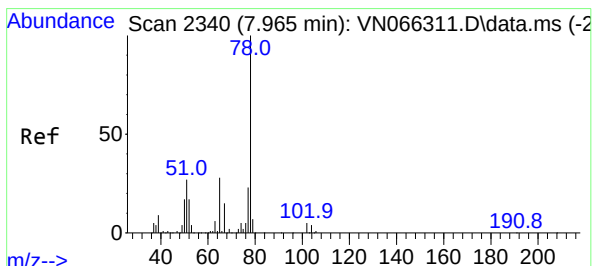
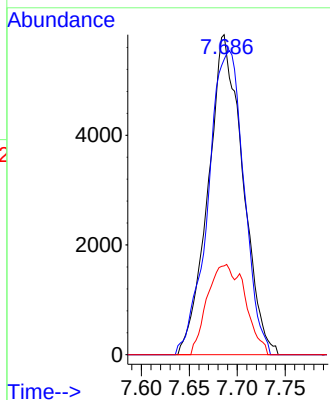
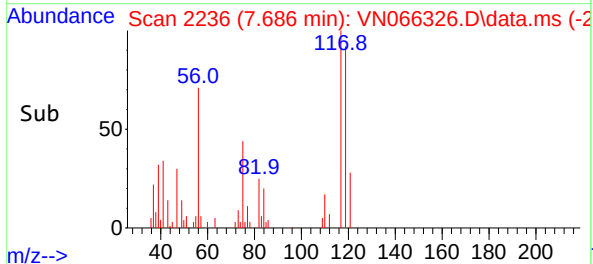
Instrument :
MSVOA_N
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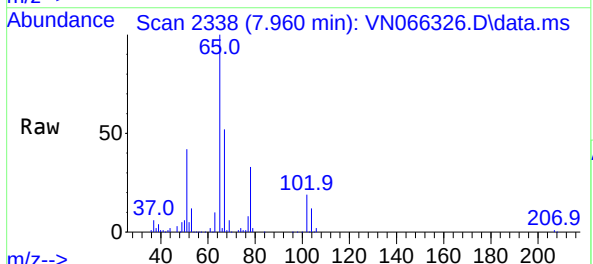
Tgt Ion:117 Resp: 14649
Ion Ratio Lower Upper
117 100
119 92.3 72.6 108.8
121 27.8 23.5 35.3

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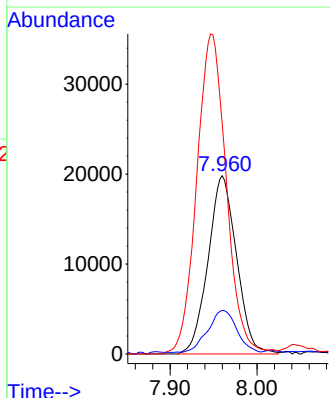
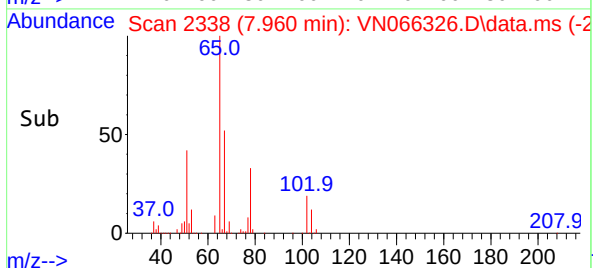
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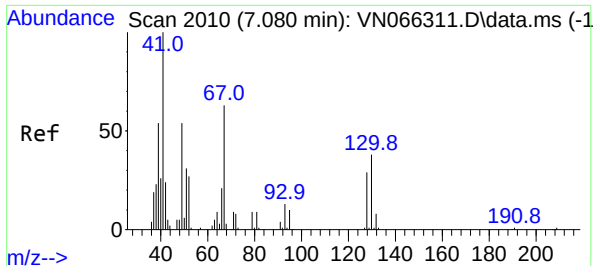


#34
Benzene
Concen: 2.12 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

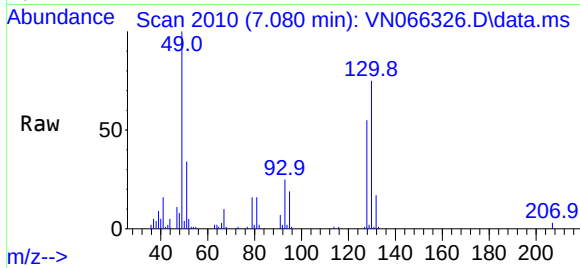


Tgt Ion: 78 Resp: 45111
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
51 127.4 21.9 32.9#

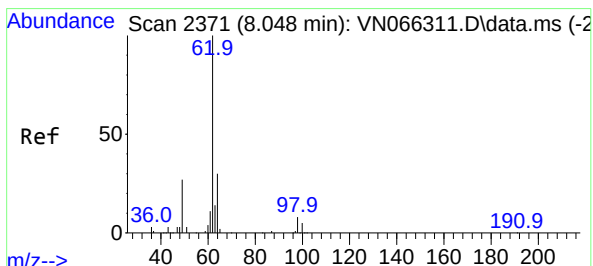
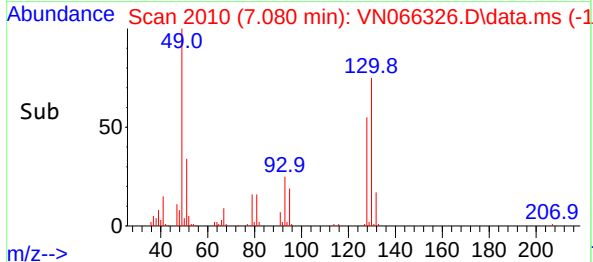
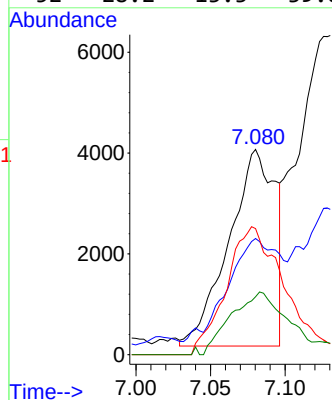




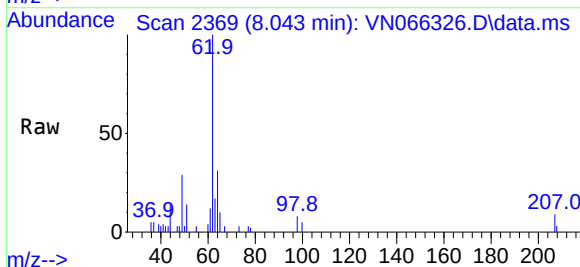
#35
Methacrylonitrile
Concen: 2.44 ug/l m
RT: 7.080 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



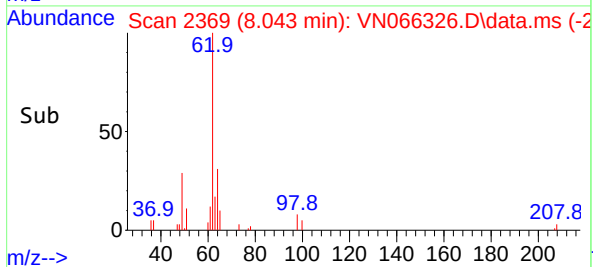
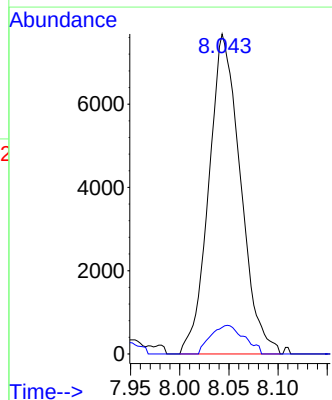
Tgt Ion:	41	Resp:	8424
Ion	Ratio	Lower	Upper
41	100		
39	56.6	27.3	81.8
67	61.4	31.4	94.3
52	28.2	13.3	39.8



#36
1,2-Dichloroethane
Concen: 2.21 ug/l
RT: 8.043 min Scan# 2369
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



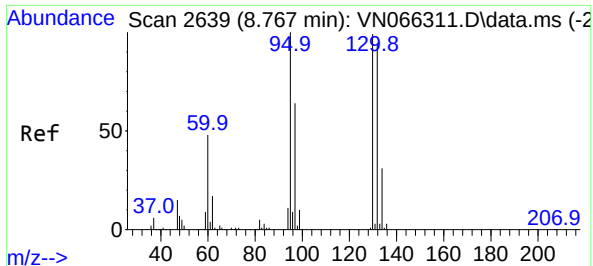
Tgt Ion:	62	Resp:	17205
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.9	10.3



Instrument :
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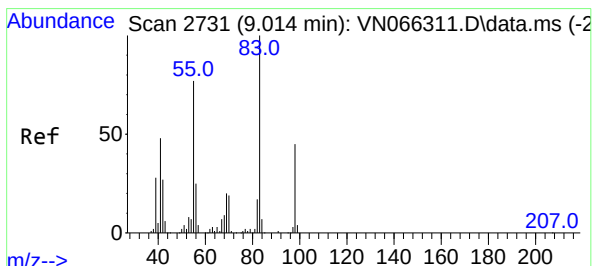
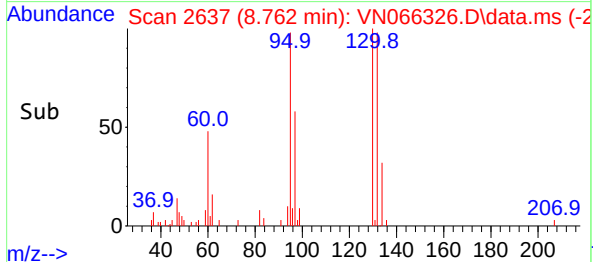
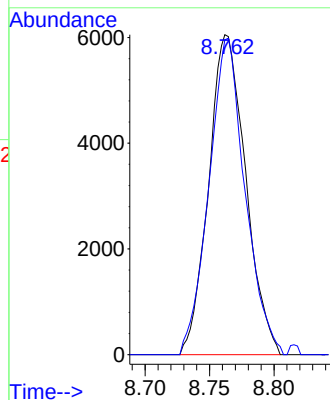
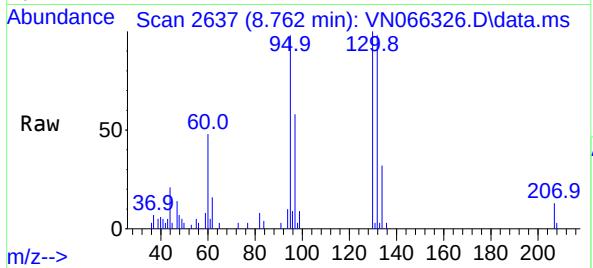
#37
Trichloroethene
Concen: 2.18 ug/l
RT: 8.762 min Scan# 2637
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:130 Resp: 12081
Ion Ratio Lower Upper
130 100
95 98.4 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
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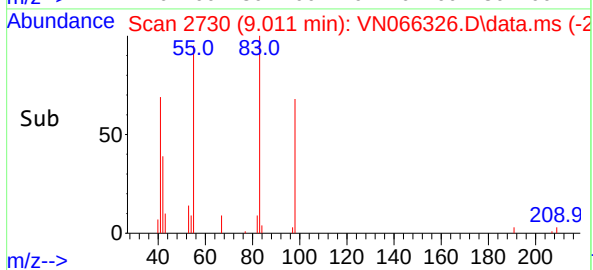
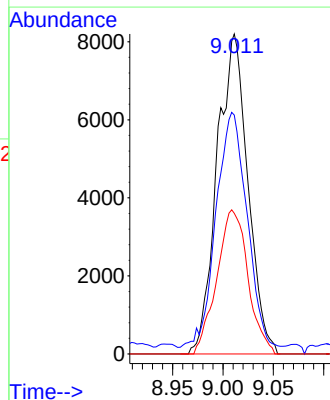
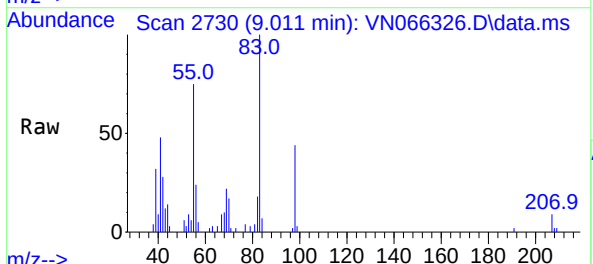
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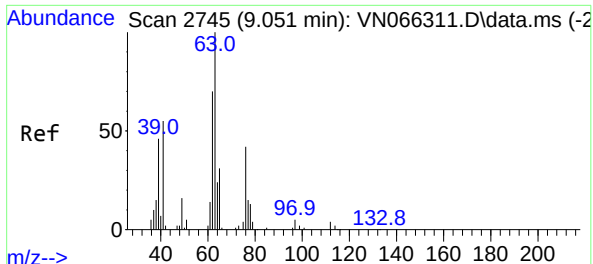
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#38
Methylcyclohexane
Concen: 2.02 ug/l m
RT: 9.011 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 83 Resp: 17395
Ion Ratio Lower Upper
83 100
55 71.5 38.8 116.3
98 45.6 22.2 66.6





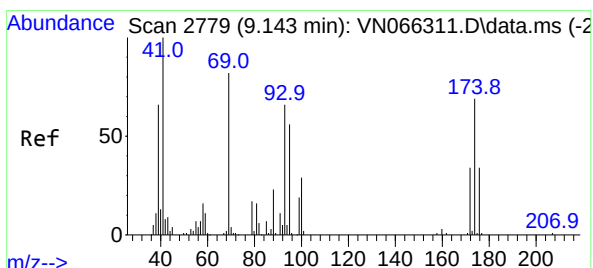
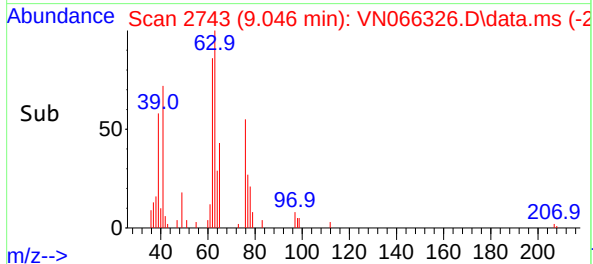
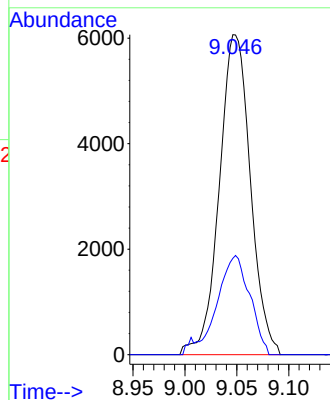
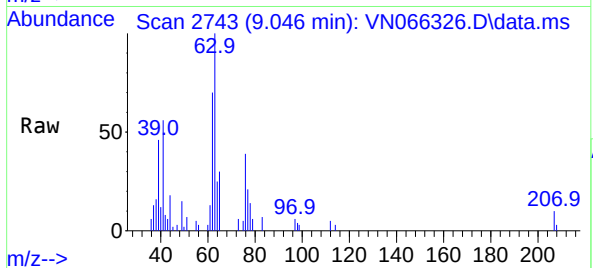
#39
1,2-Dichloropropane
Concen: 2.20 ug/l
RT: 9.046 min Scan# 2743
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 63 Resp: 12655
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3

Instrument :
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ClientSampleId :
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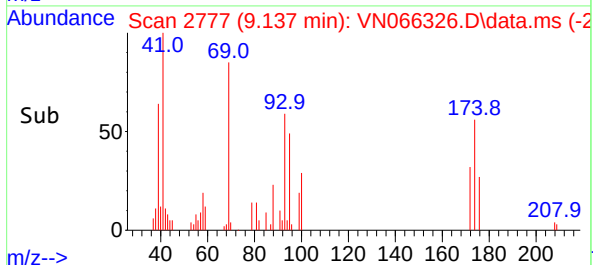
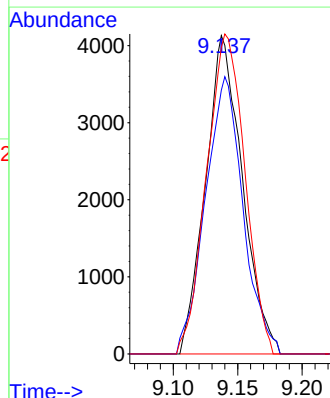
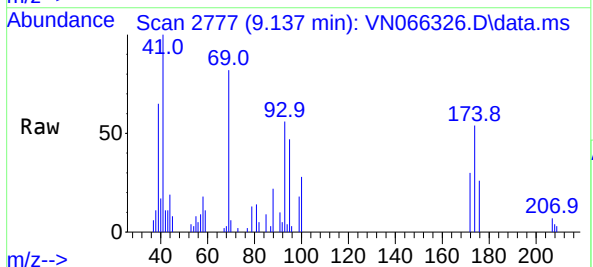
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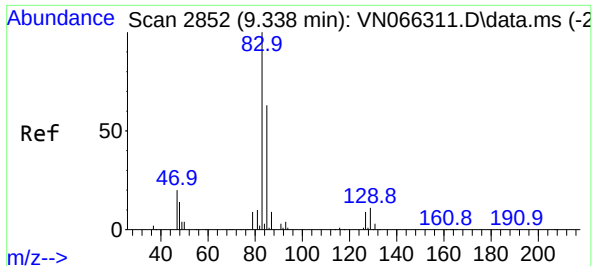
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#40
Dibromomethane
Concen: 2.22 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. -0.006 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 93 Resp: 8213
Ion Ratio Lower Upper
93 100
95 88.7 0.0 169.0
174 104.1 0.0 205.8





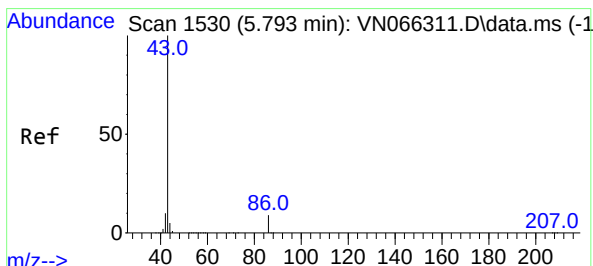
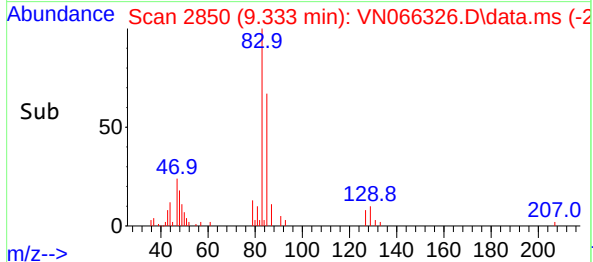
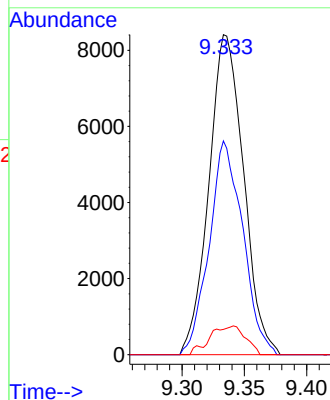
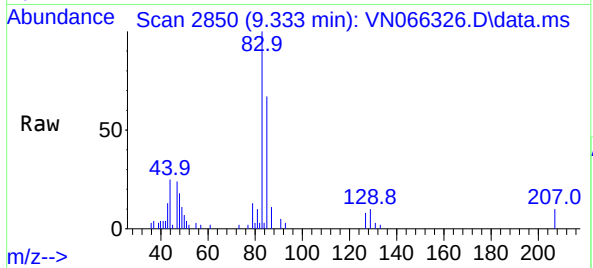
#41
Bromodichloromethane
Concen: 2.08 ug/l
RT: 9.333 min Scan# 2850
Delta R.T. -0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	83	Resp:	16296
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.6	75.8
127	7.9	6.9	10.3

Instrument :
MSVOA_N
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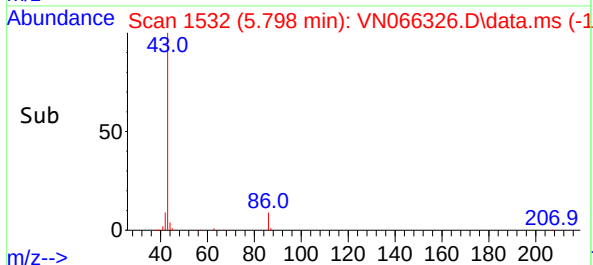
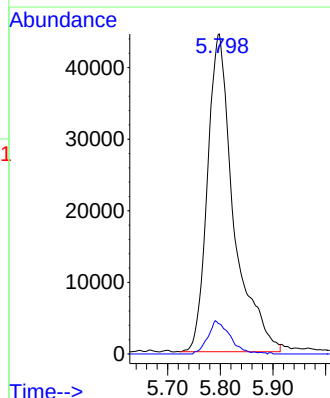
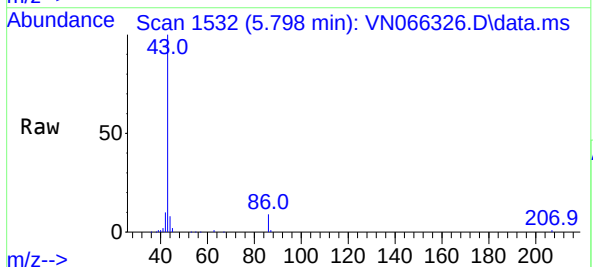
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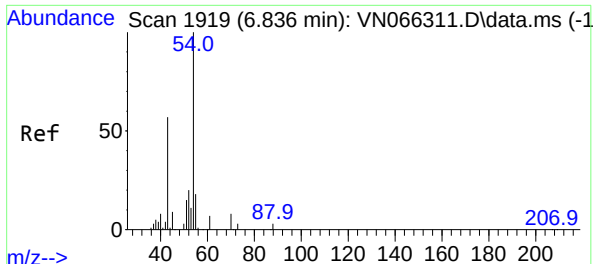
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#42
Vinyl Acetate
Concen: 9.97 ug/l
RT: 5.798 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	43	Resp:	153617
Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.7	10.1





#43

Ethyl Acetate

Concen: 2.15 ug/l

RT: 6.844 min Scan# 1922

Delta R.T. 0.008 min

Lab File: VN066326.D

Acq: 25 Mar 2021 12:14

Tgt Ion: 43 Resp: 16903

Ion Ratio Lower Upper

43 100

45 4.5 0.0 0.0#

Instrument :

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ClientSampleId :

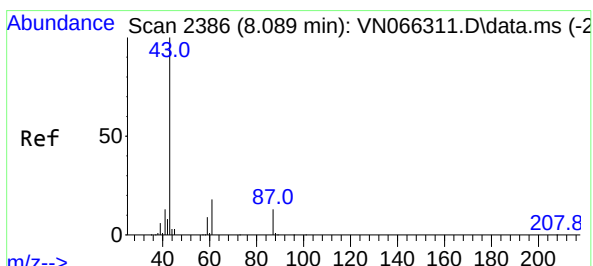
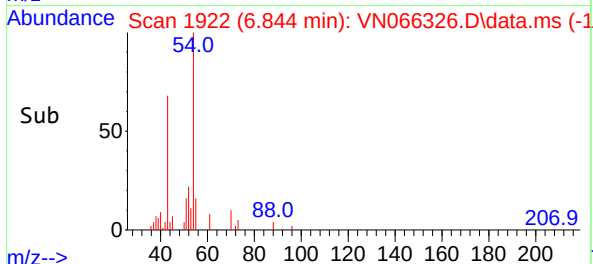
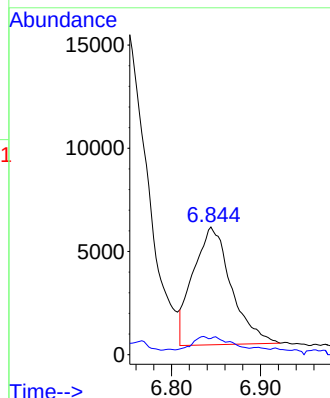
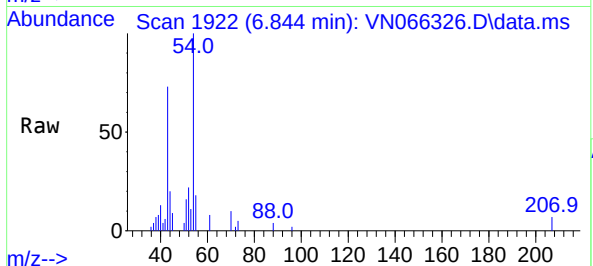
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#44

Isopropyl Acetate

Concen: 2.16 ug/l

RT: 8.091 min Scan# 2387

Delta R.T. 0.002 min

Lab File: VN066326.D

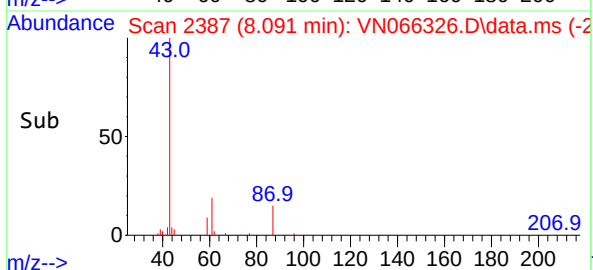
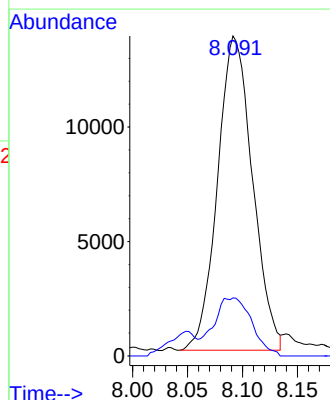
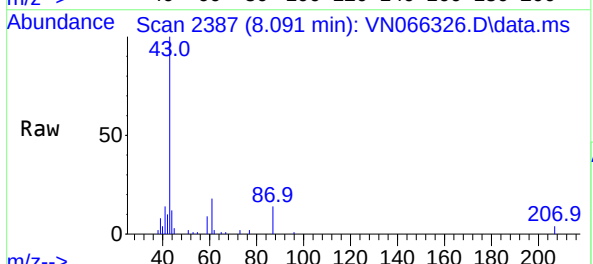
Acq: 25 Mar 2021 12:14

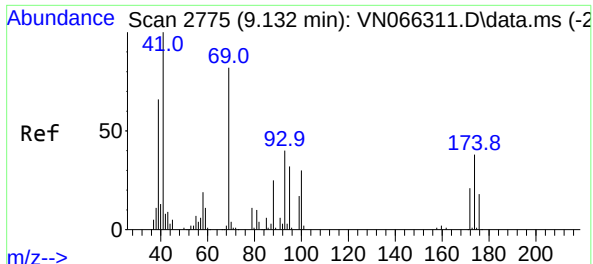
Tgt Ion: 43 Resp: 30345

Ion Ratio Lower Upper

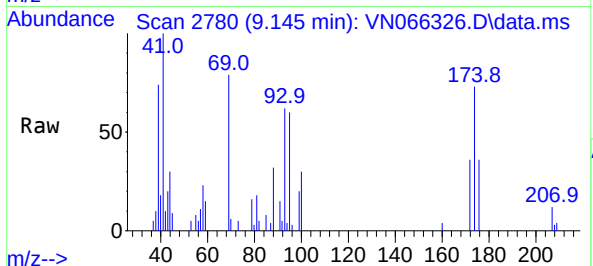
43 100

61 5.3 0.0 0.0#

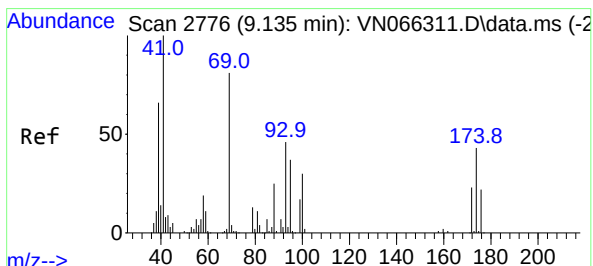
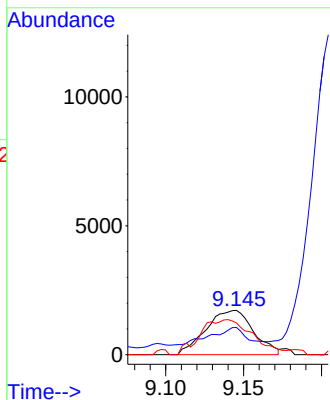
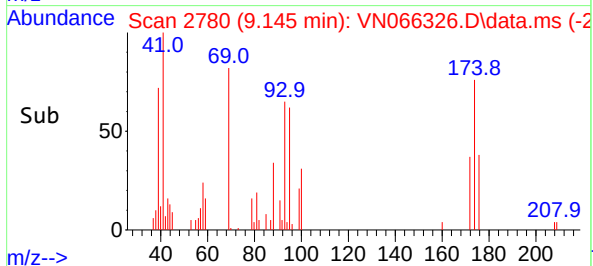




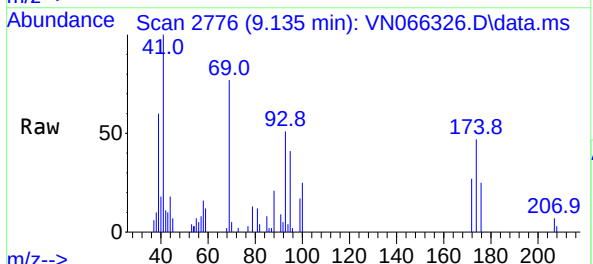
#45
1,4-Dioxane
Concen: 40.71 ug/l
RT: 9.145 min Scan# 2780
Delta R.T. 0.013 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



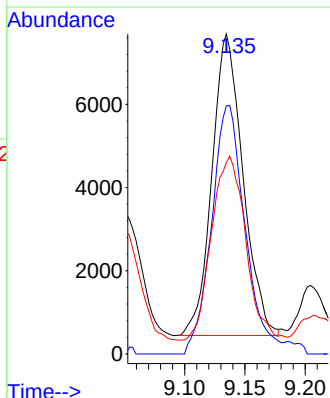
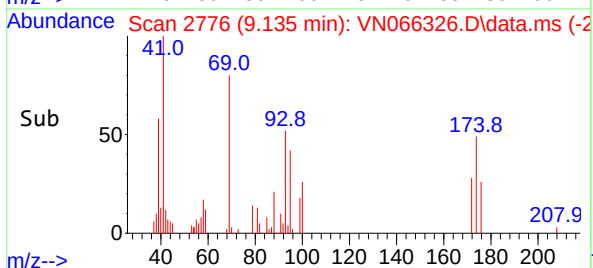
Tgt Ion: 88 Resp: 3651
Ion Ratio Lower Upper
88 100
43 11.9 27.0 40.4#
58 0.0 57.9 86.9#



#46
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



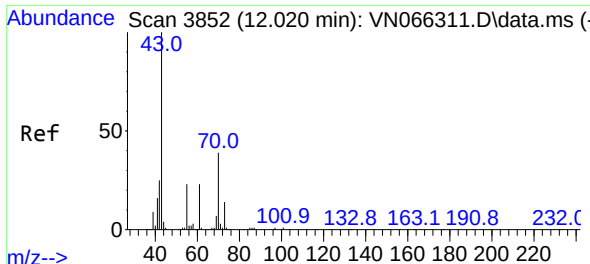
Tgt Ion: 41 Resp: 12954
Ion Ratio Lower Upper
41 100
69 82.3 40.6 121.7
39 58.9 33.2 99.6



Instrument :
MSVOA_N
ClientSampleId :
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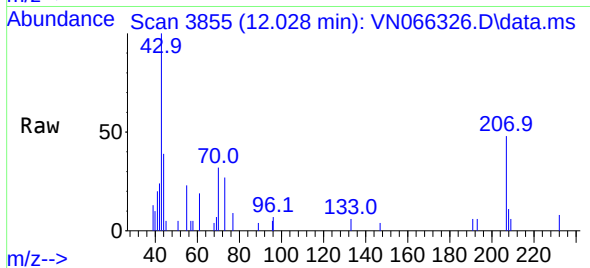
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#47
n-amy1 Acetate
Concen: 1.37 ug/l
RT: 12.028 min Scan# 3855
Delta R.T. 0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

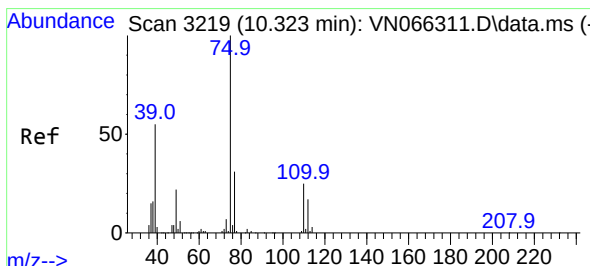
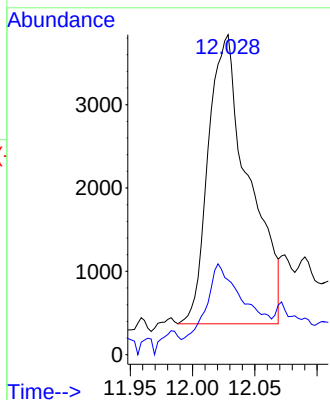
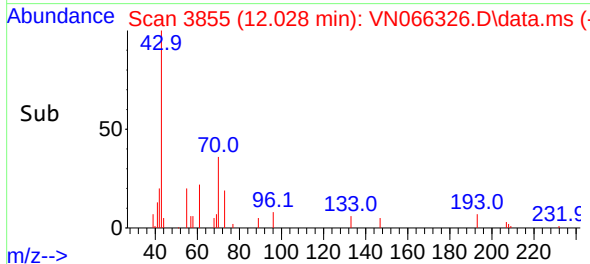
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



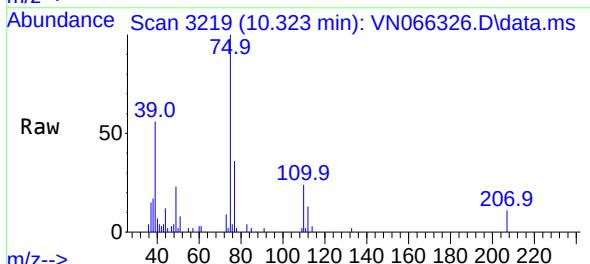
Tgt Ion: 43 Resp: 7813
Ion Ratio Lower Upper
43 100
55 18.5 17.7 26.5

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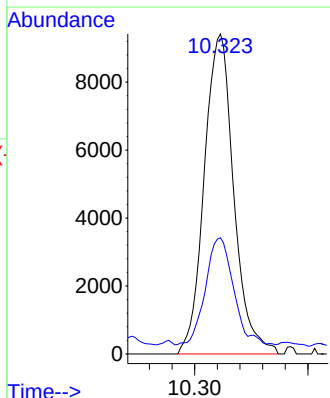
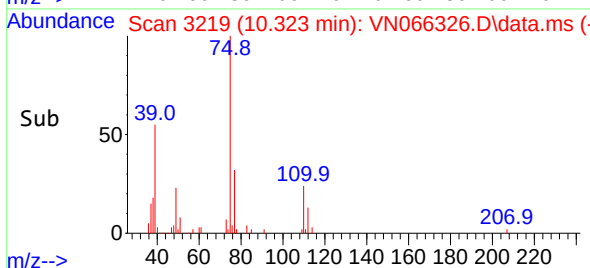
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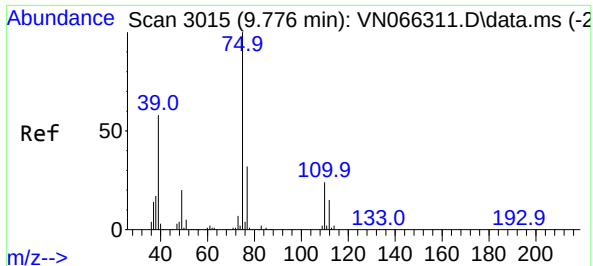


#48
t-1,3-Dichloropropene
Concen: 2.00 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

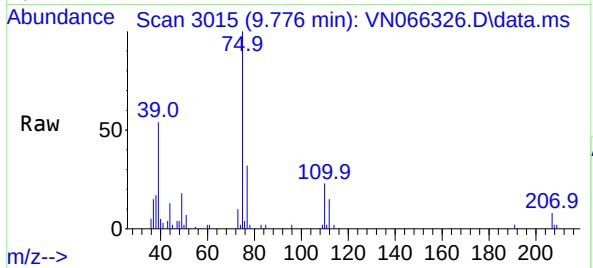


Tgt Ion: 75 Resp: 17013
Ion Ratio Lower Upper
75 100
77 33.3 24.9 37.3

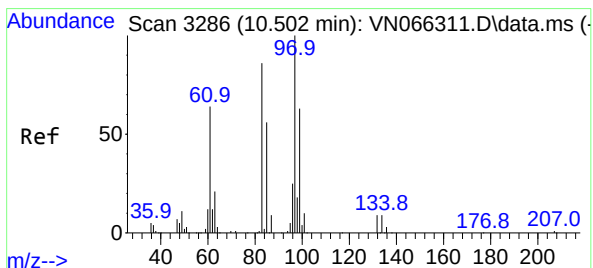
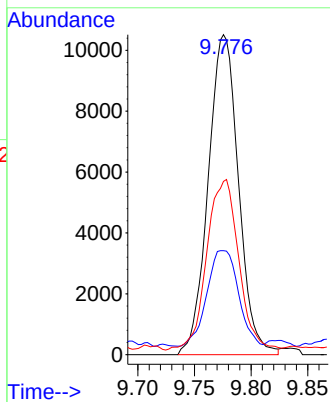
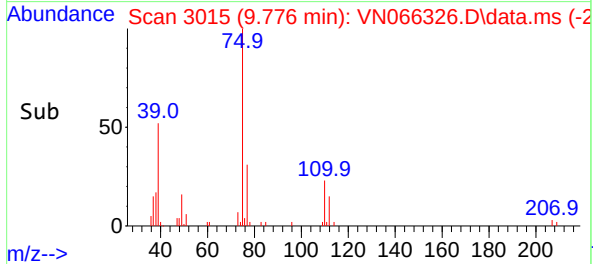




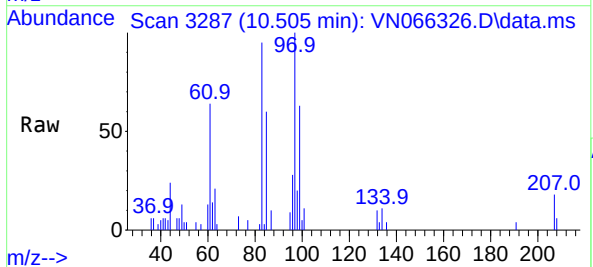
#49
cis-1,3-Dichloropropene
Concen: 2.14 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



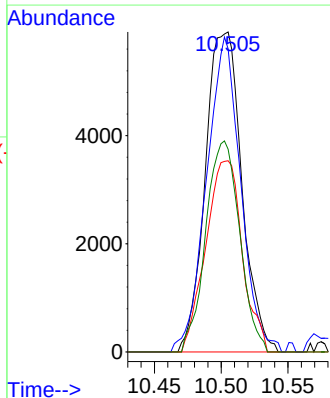
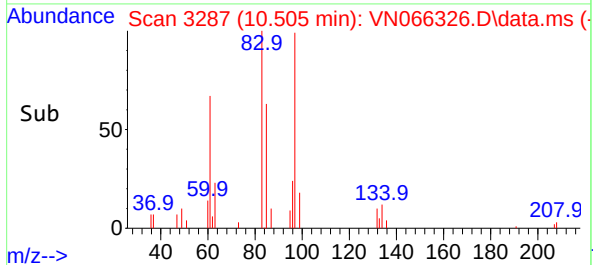
Tgt Ion:	75	Resp:	19574
Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.4	38.0
39	51.9	46.8	70.2



#50
1,1,2-Trichloroethane
Concen: 2.13 ug/l
RT: 10.505 min Scan# 3287
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



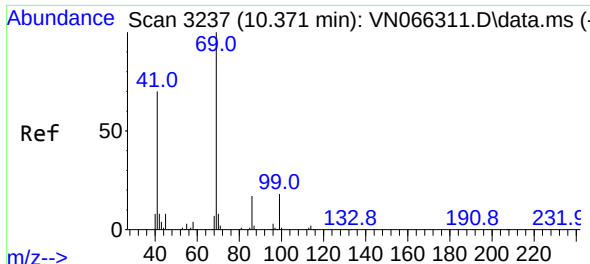
Tgt Ion:	97	Resp:	11259
Ion	Ratio	Lower	Upper
97	100		
83	91.9	68.8	103.2
85	59.7	44.8	67.2
99	63.3	50.1	75.1



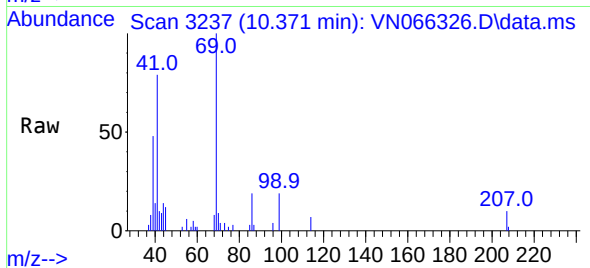
Instrument :
MSVOA_N
ClientSampleId :
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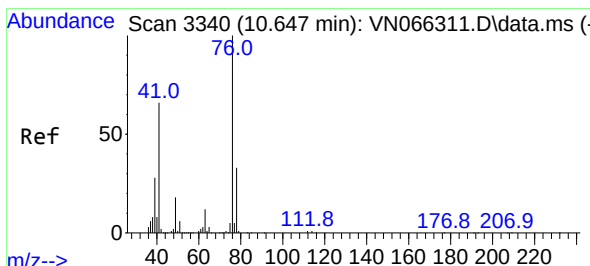
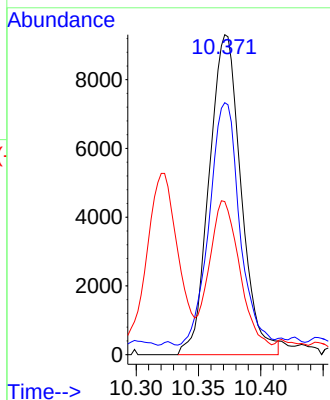
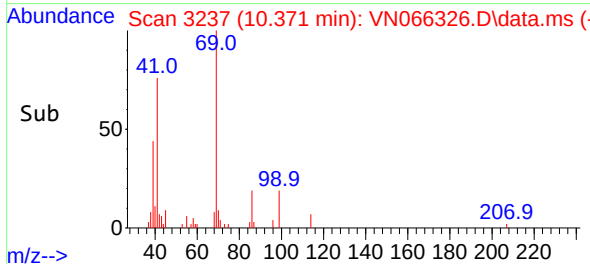


#51
Ethyl methacrylate
Concen: 2.00 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

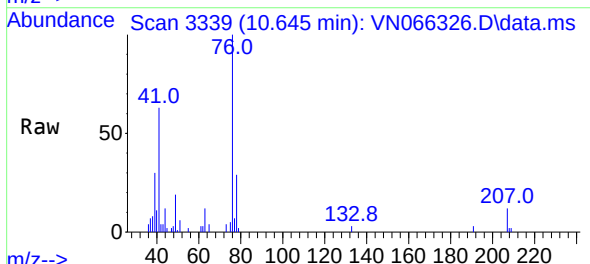


Tgt Ion: 69 Resp: 16562

Ion	Ratio	Lower	Upper
69	100		
41	75.7	34.8	104.5
39	43.4	22.5	67.5

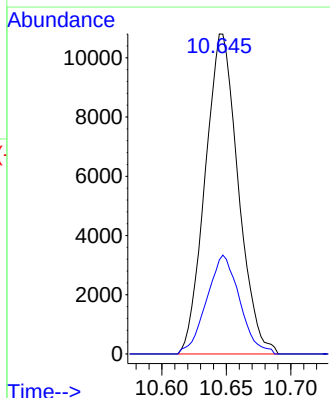
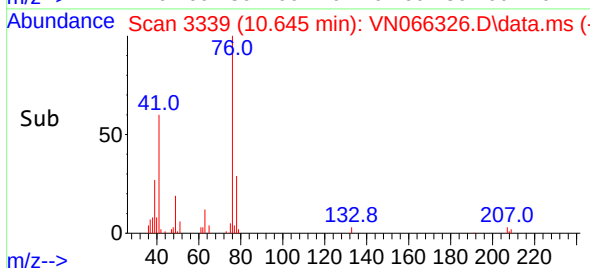


#52
1,3-Dichloropropane
Concen: 2.18 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 76 Resp: 19259

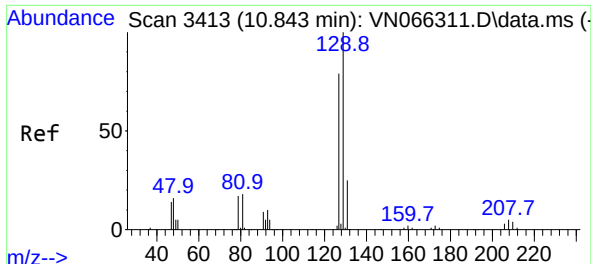
Ion	Ratio	Lower	Upper
76	100		
78	30.8	0.0	65.6



Instrument :
MSVOA_N
ClientSampleId :
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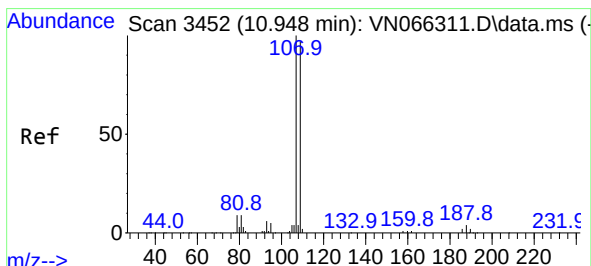
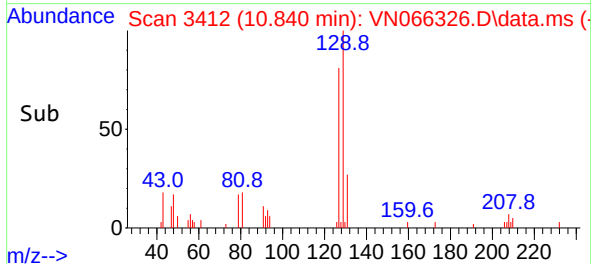
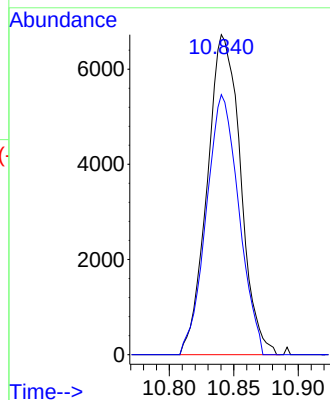
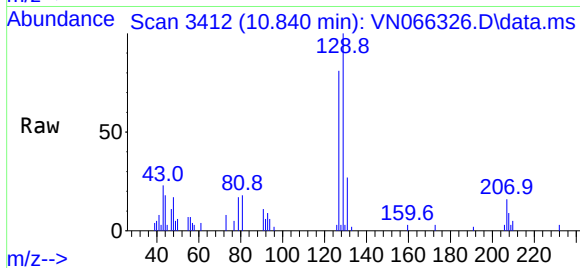
#53
Dibromochloromethane
Concen: 2.03 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:129 Resp: 12086
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
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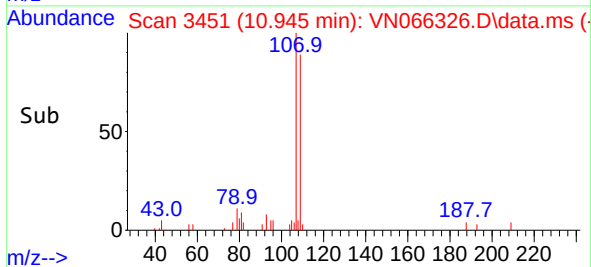
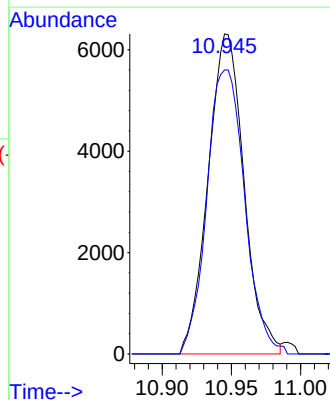
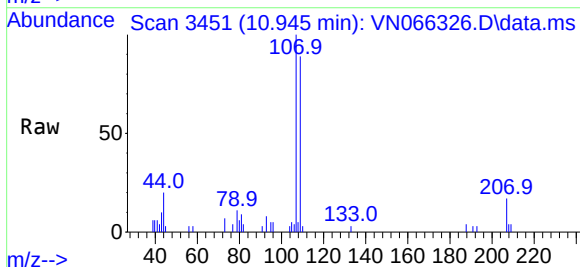
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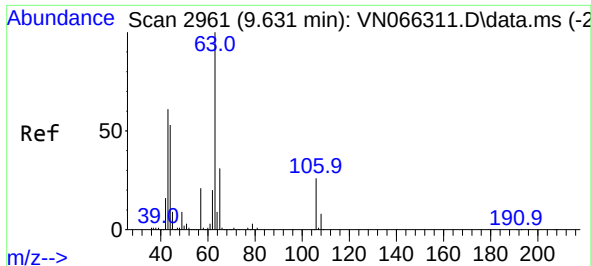
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#54
1,2-Dibromoethane
Concen: 2.09 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

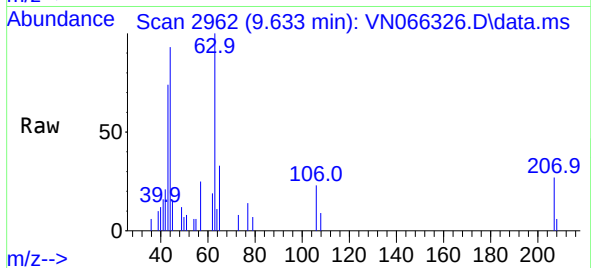
Tgt Ion:107 Resp: 11386
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.6





#55
2-Chloroethyl vinyl ether
Concen: 4.45 ug/l
RT: 9.633 min Scan# 2962
Delta R.T. 0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

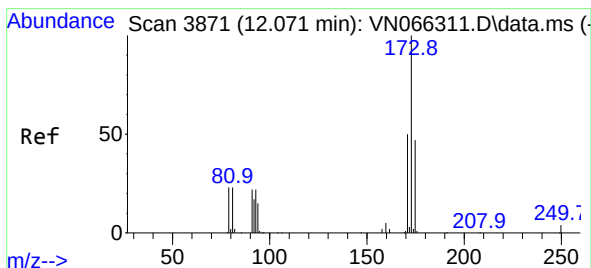
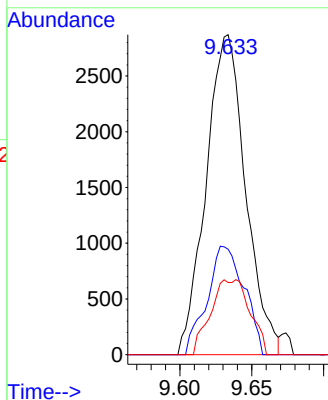
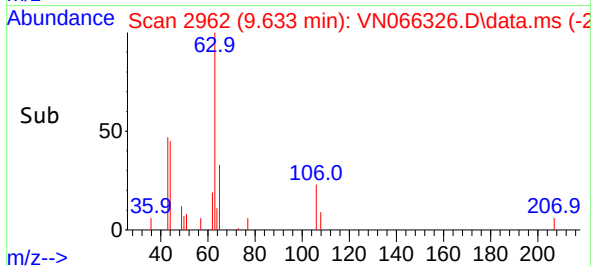
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



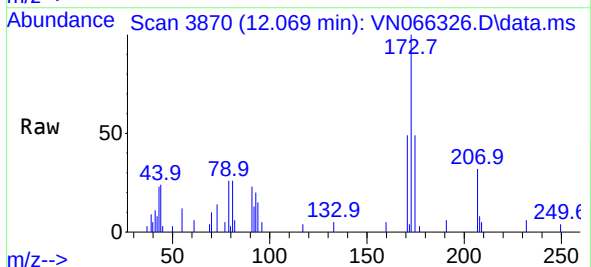
Tgt Ion: 63 Resp: 5487
Ion Ratio Lower Upper
63 100
65 31.8 26.0 39.0
106 11.4 20.6 31.0#

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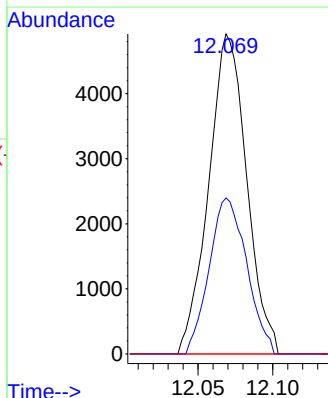
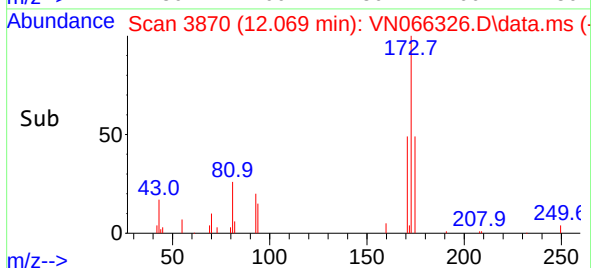
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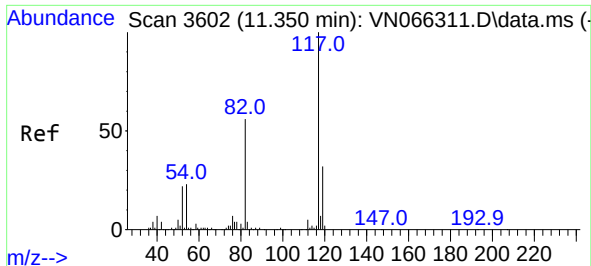


#56
Bromoform
Concen: 1.99 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

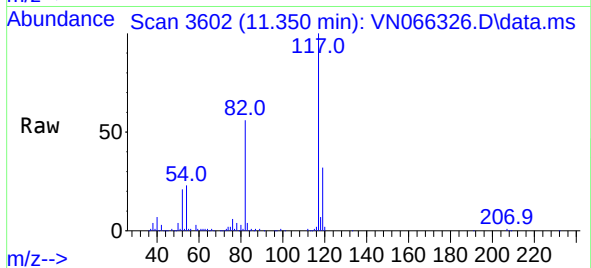


Tgt Ion: 173 Resp: 8686
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 0.0 0.0 0.0

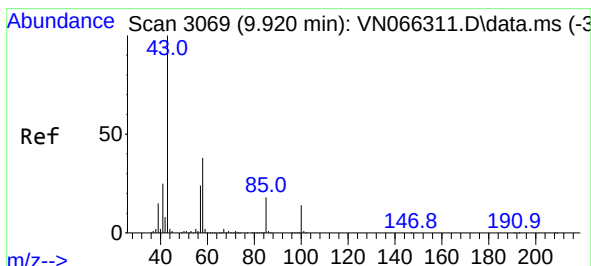
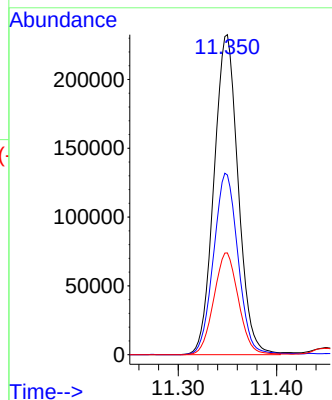
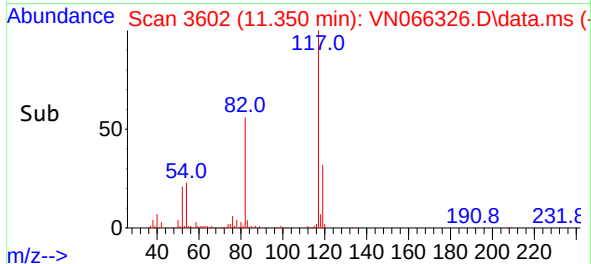




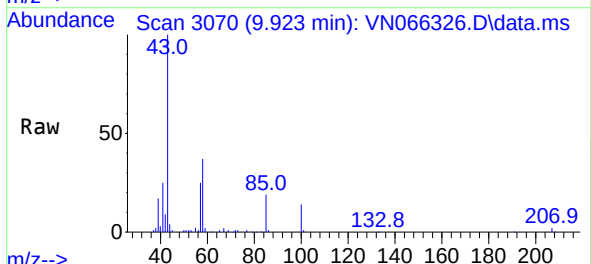
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



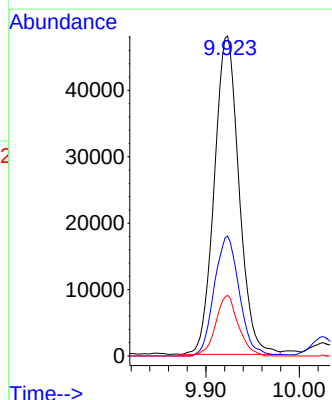
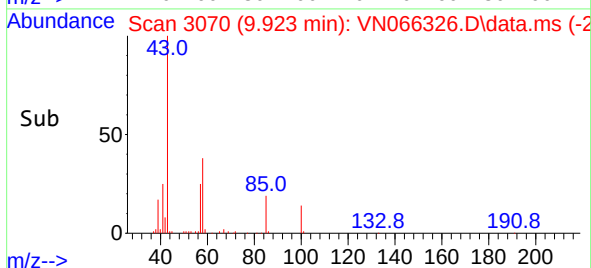
Tgt Ion: 117 Resp: 398824
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.6
119 32.4 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 11.01 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



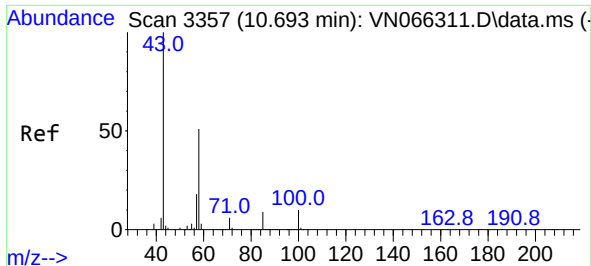
Tgt Ion: 43 Resp: 87985
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6
85 17.5 13.8 20.8



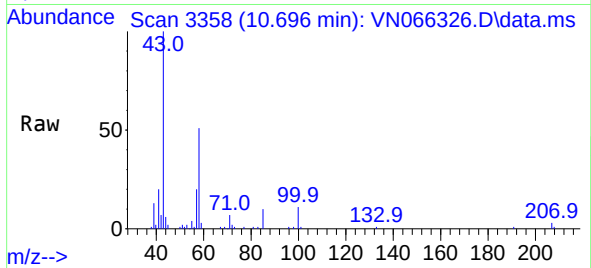
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

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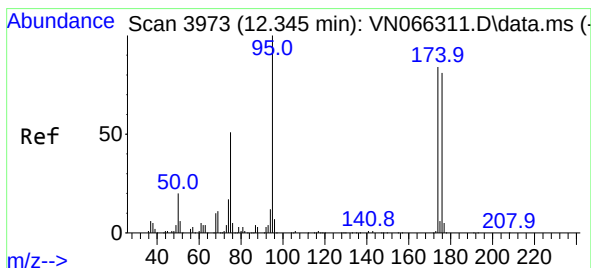
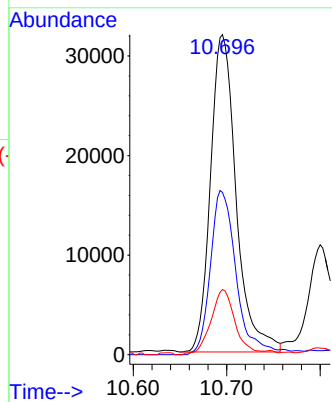
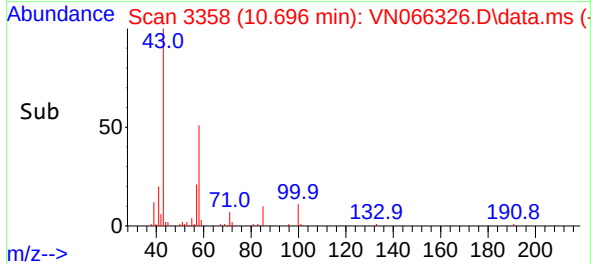
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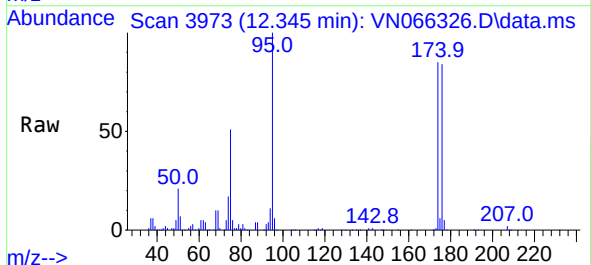
#59
2-Hexanone
Concen: 11.11 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



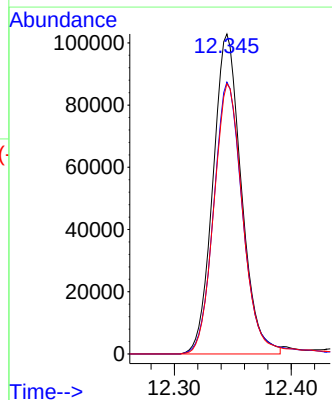
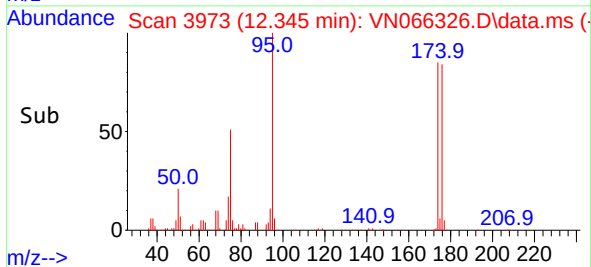
Tgt Ion: 43 Resp: 61064
Ion Ratio Lower Upper
43 100
58 51.5 41.8 62.6
57 19.5 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 27.89 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



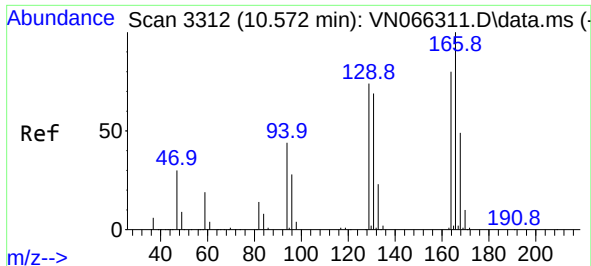
Tgt Ion: 95 Resp: 173579
Ion Ratio Lower Upper
95 100
174 87.7 68.1 102.1
176 85.6 65.4 98.0



Instrument :
MSVOA_N
ClientSampleId :
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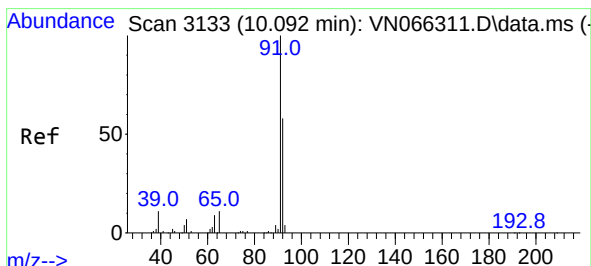
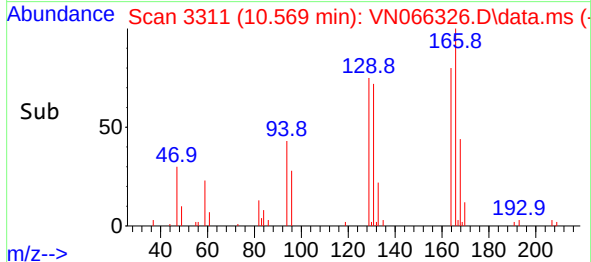
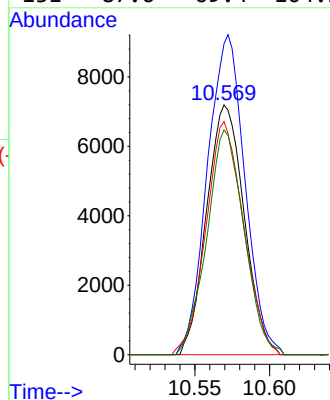
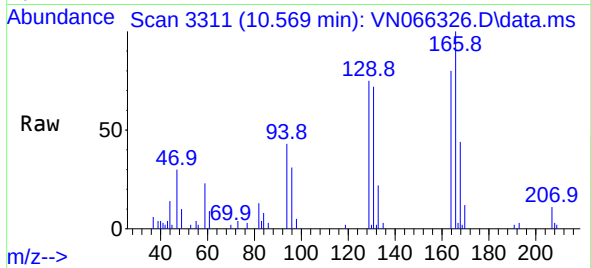
#61
Tetrachloroethene
Concen: 2.29 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	164	Resp:	12589
Ion Ratio	Lower	Upper	
164	100		
166	122.0	100.5	150.7
129	93.3	74.7	112.1
131	87.6	69.4	104.2

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

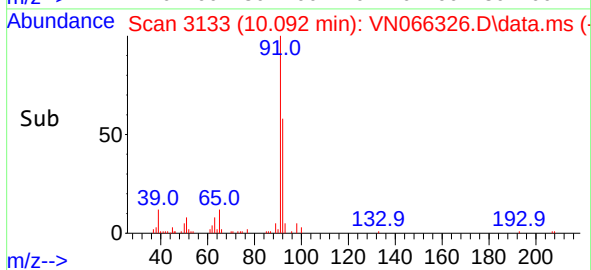
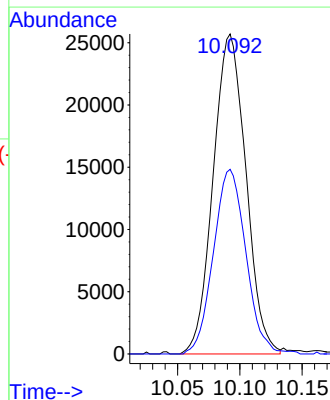
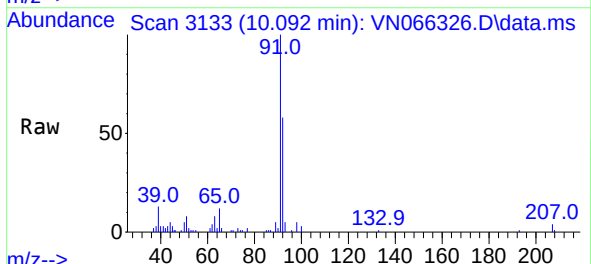
Manual Integrations
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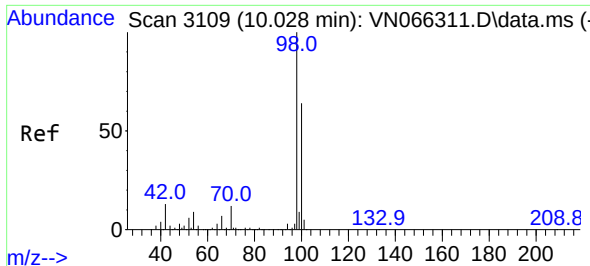
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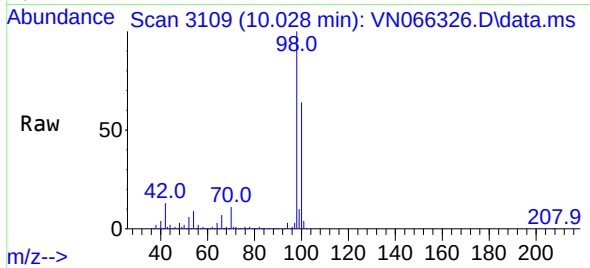
#62
Toluene
Concen: 2.13 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	91	Resp:	46986
Ion Ratio	Lower	Upper	
91	100		
92	57.3	46.2	69.2

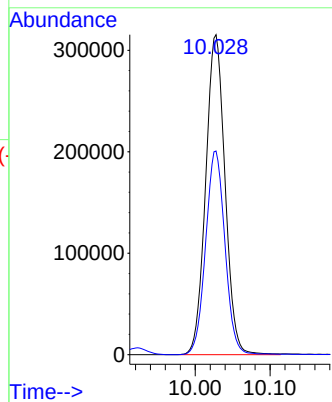
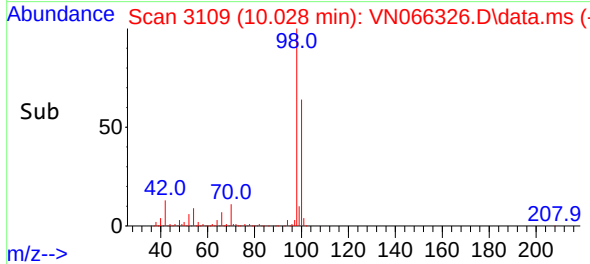




#63
Toluene-d8
Concen: 30.33 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



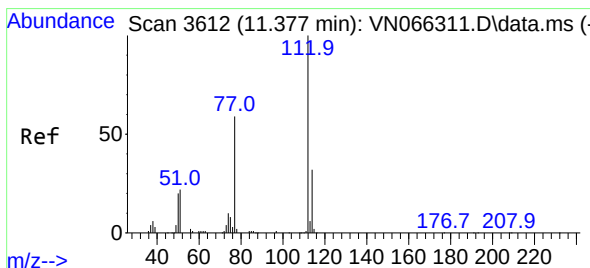
Tgt Ion: 98 Resp: 567656
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



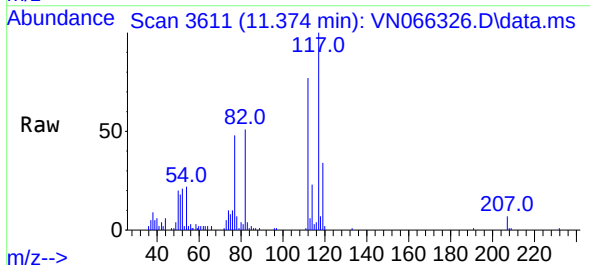
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
APPROVED

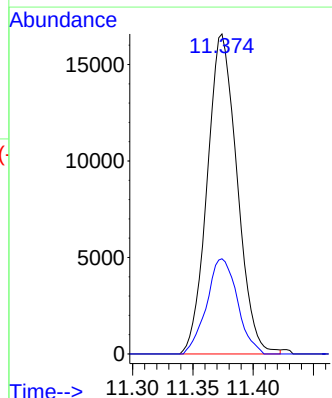
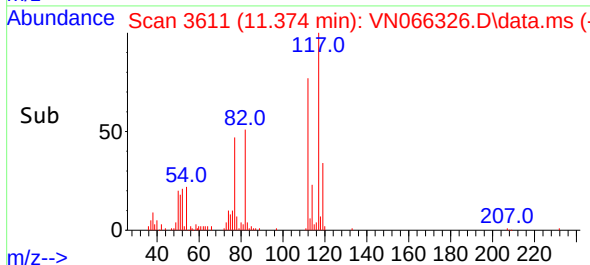
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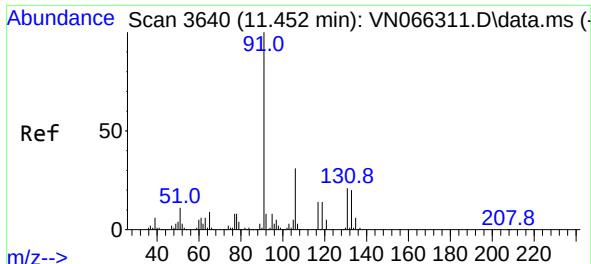


#64
Chlorobenzene
Concen: 2.20 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 112 Resp: 28561
Ion Ratio Lower Upper
112 100
114 29.7 25.6 38.4





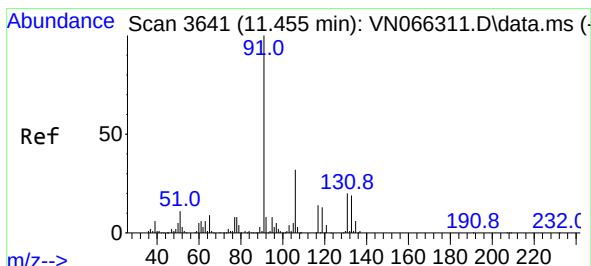
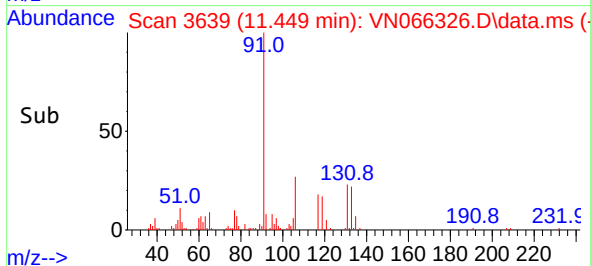
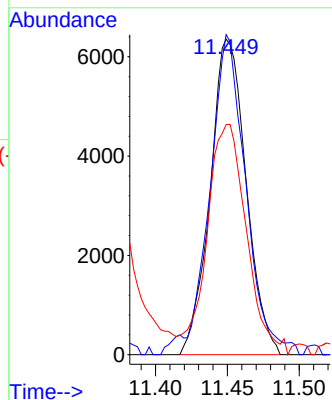
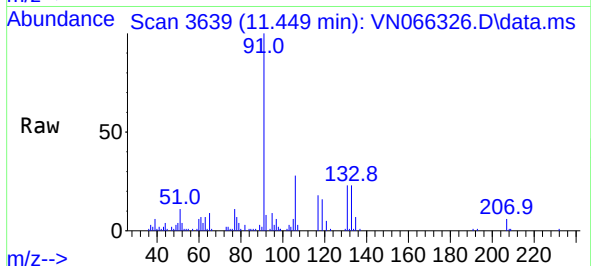
#65
1,1,1,2-Tetrachloroethane
Concen: 2.17 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	131	Resp:	11051
Ion	Ratio	Lower	Upper
131	100		
133	91.5	0.0	188.4
119	79.5	0.0	134.4

Instrument :
MSVOA_N
ClientSampleId :
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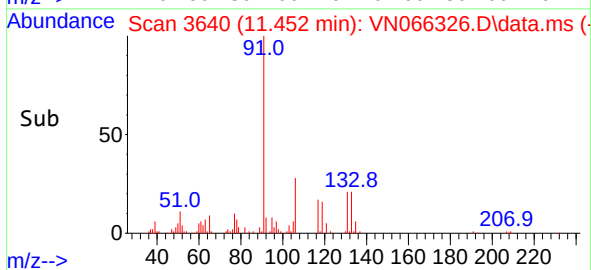
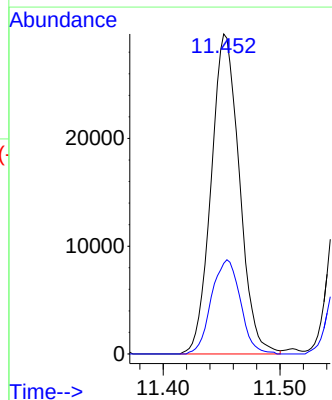
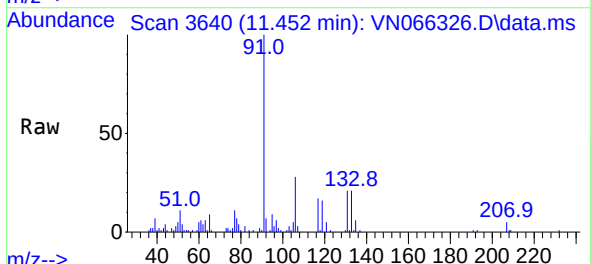
Manual Integrations
APPROVED

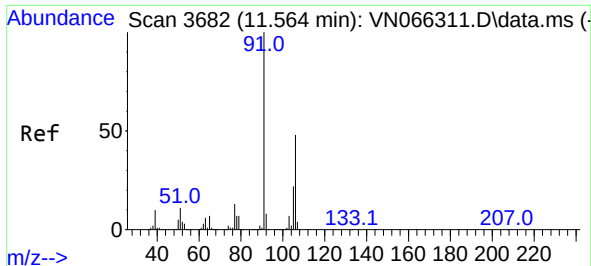
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#66
Ethyl Benzene
Concen: 2.10 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:	91	Resp:	49920
Ion	Ratio	Lower	Upper
91	100		
106	28.3	25.5	38.3





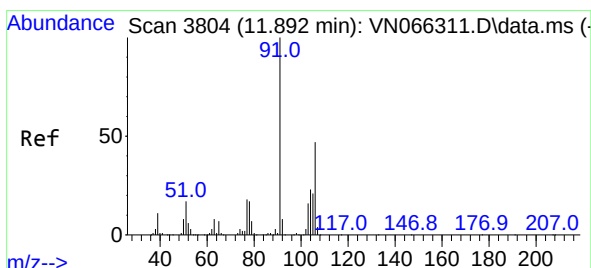
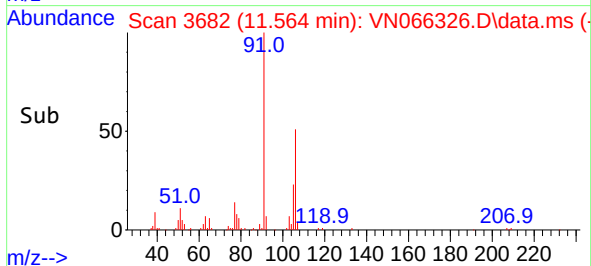
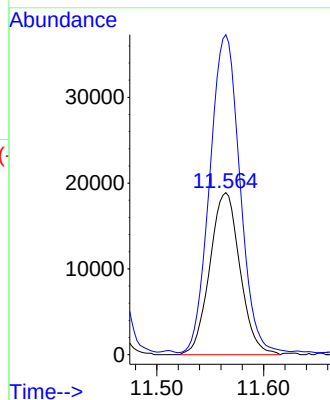
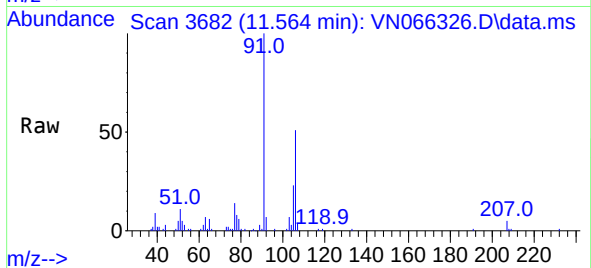
#67
m/p-Xylenes
Concen: 4.19 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:106 Resp: 37024
Ion Ratio Lower Upper
106 100
91 196.1 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
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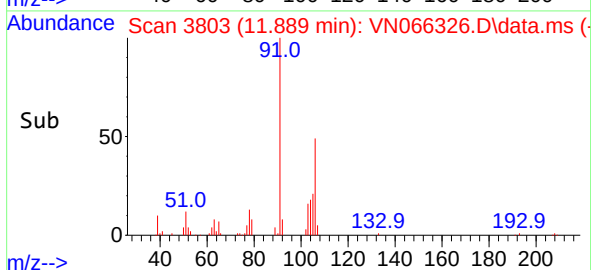
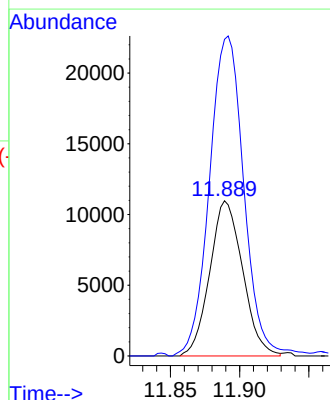
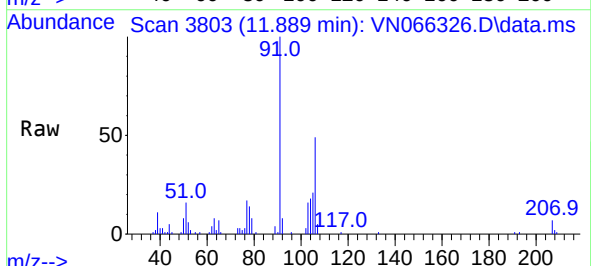
Manual Integrations
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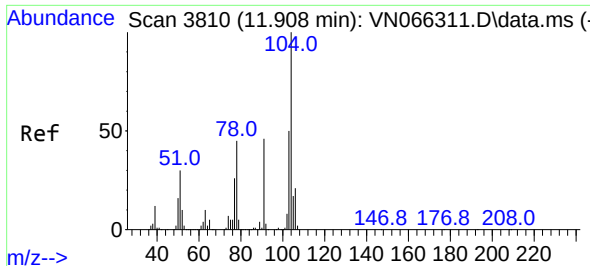
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#68
o-Xylene
Concen: 2.08 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:106 Resp: 18152
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.4





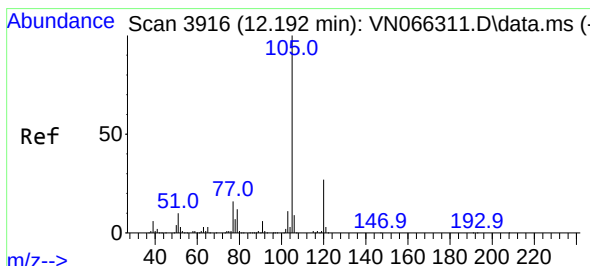
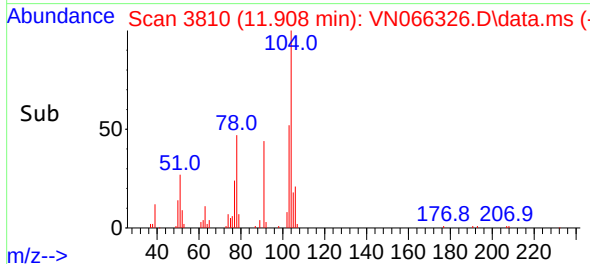
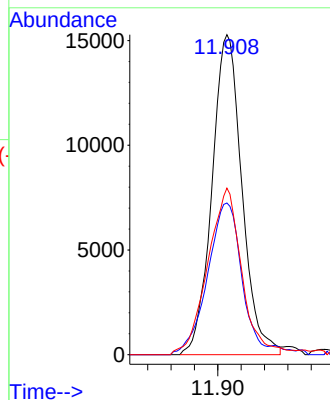
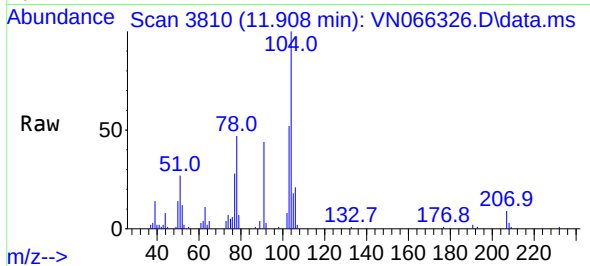
#69
Styrene
Concen: 1.95 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:104 Resp: 27283
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.6
103 58.8 43.7 65.5

Instrument :
MSVOA_N
ClientSampleId :
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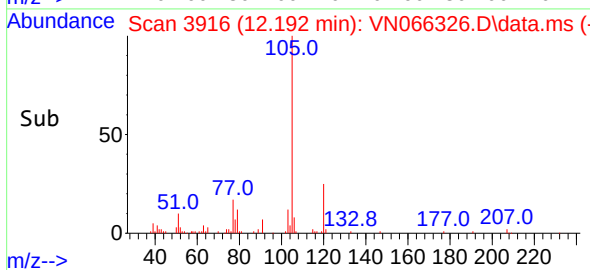
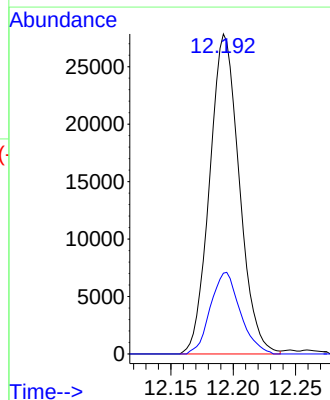
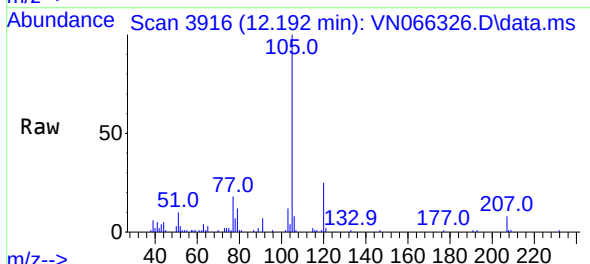
Manual Integrations
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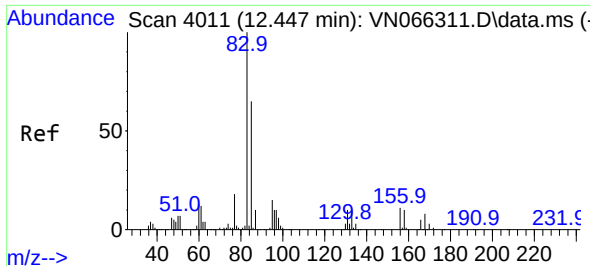
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#70
Isopropylbenzene
Concen: 2.01 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:105 Resp: 46105
Ion Ratio Lower Upper
105 100
120 25.5 18.7 34.7





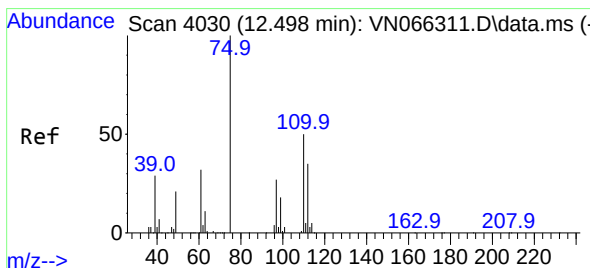
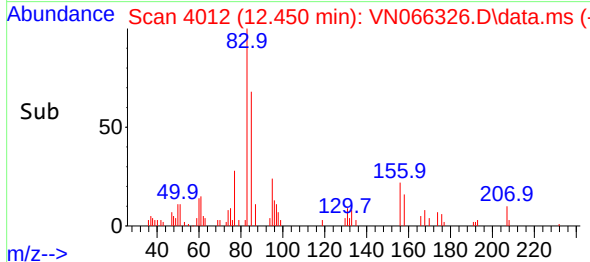
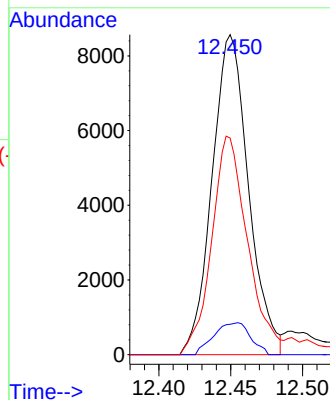
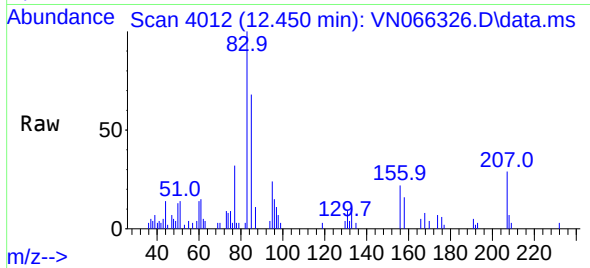
#71
1,1,2,2-Tetrachloroethane
Concen: 2.06 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 83 Resp: 15116
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 67.3 31.4 94.2

Instrument :
MSVOA_N
ClientSampleId :
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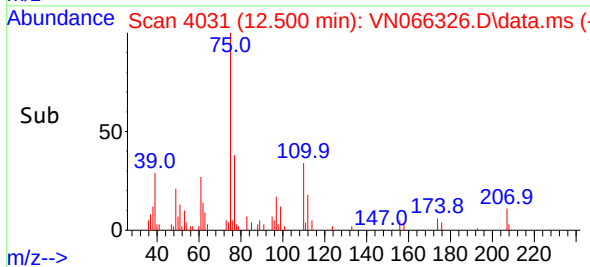
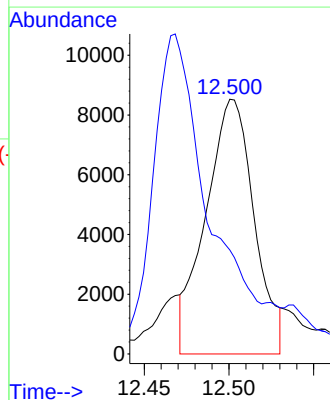
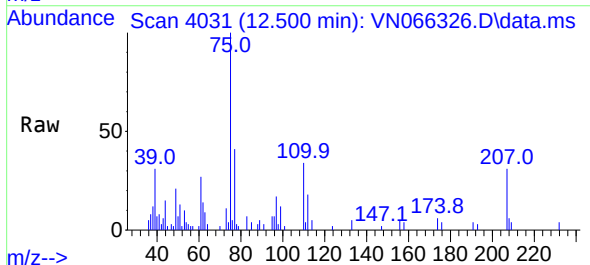
Manual Integrations
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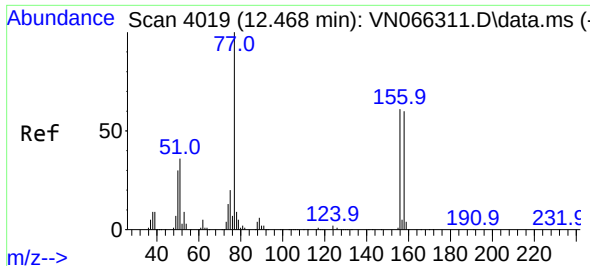
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#72
1,2,3-Trichloropropane
Concen: 2.39 ug/l m
RT: 12.500 min Scan# 4031
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

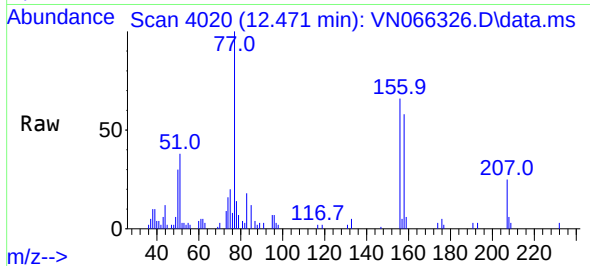
Tgt Ion: 75 Resp: 16994
Ion Ratio Lower Upper
75 100
77 133.5 0.0 313.6





#73
Bromobenzene
Concen: 2.13 ug/l
RT: 12.471 min Scan# 4020
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

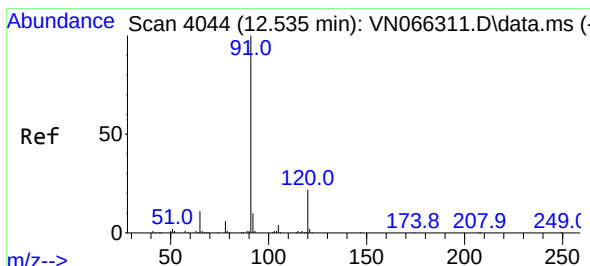
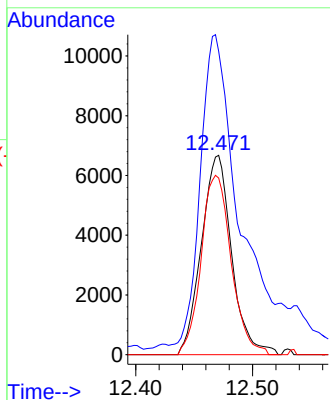
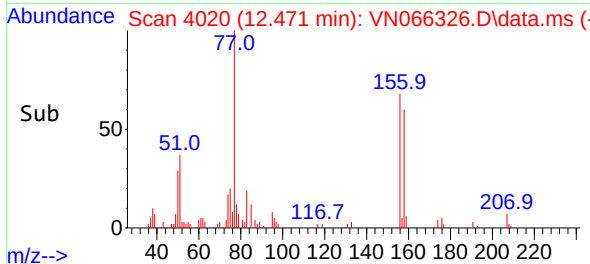
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



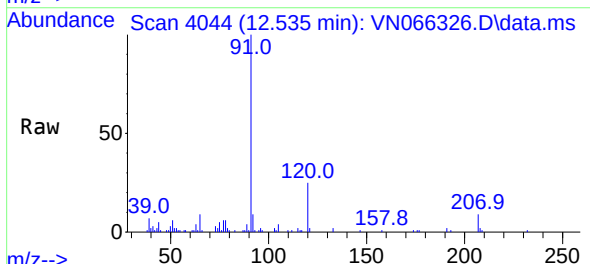
Tgt Ion:156 Resp: 12040
Ion Ratio Lower Upper
156 100
77 188.5 0.0 399.6
158 89.5 0.0 192.8

Manual Integrations
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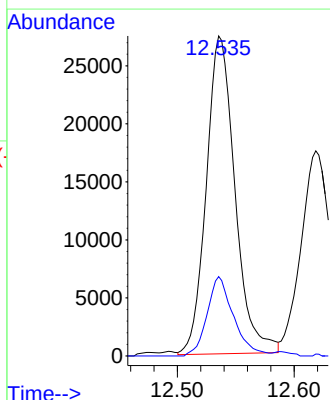
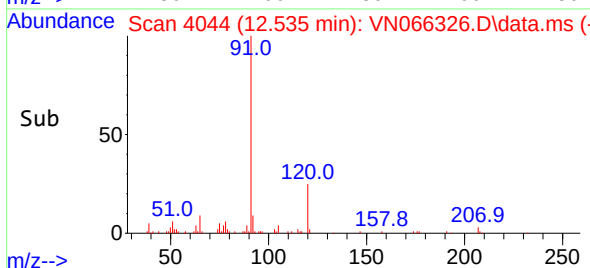
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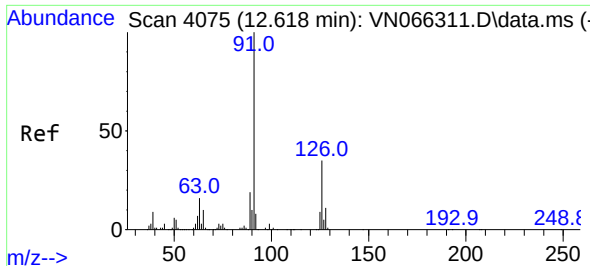


#74
n-propylbenzene
Concen: 1.85 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 91 Resp: 46832
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.2





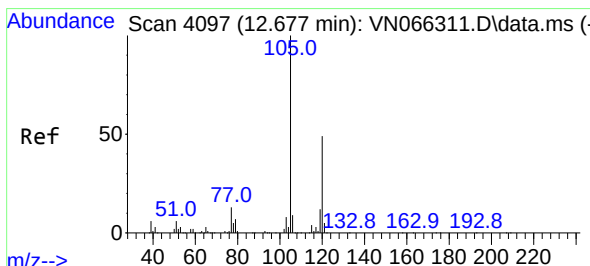
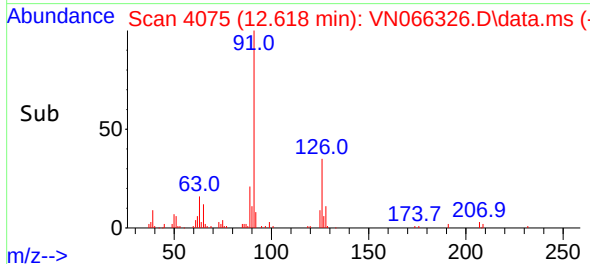
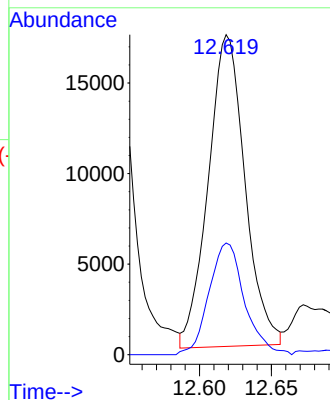
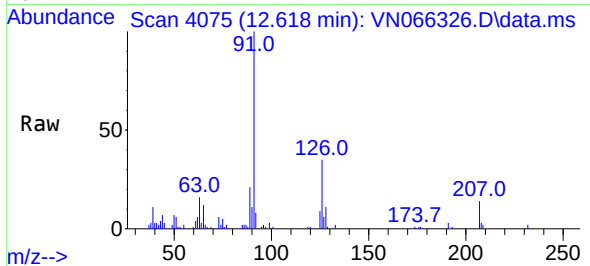
#75
2-Chlorotoluene
Concen: 1.99 ug/l
RT: 12.618 min Scan# 4075
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 91 Resp: 30537
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
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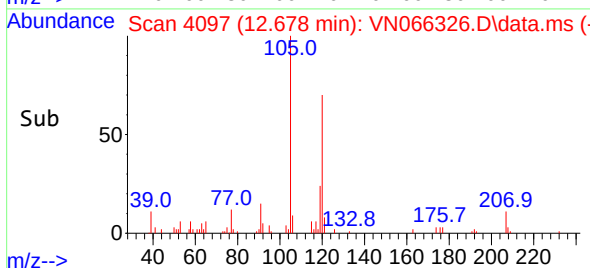
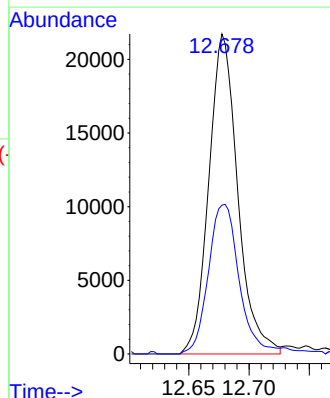
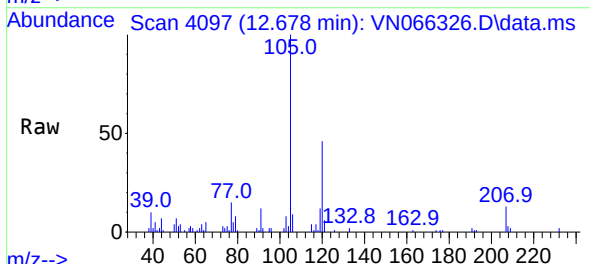
Manual Integrations
APPROVED

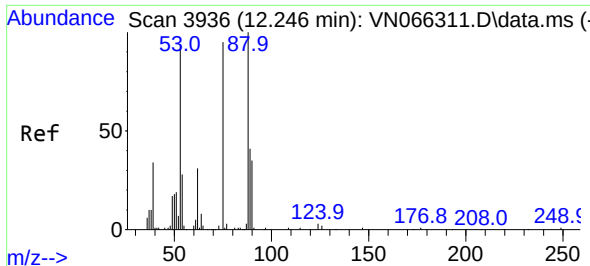
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#76
1,3,5-Trimethylbenzene
Concen: 1.92 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

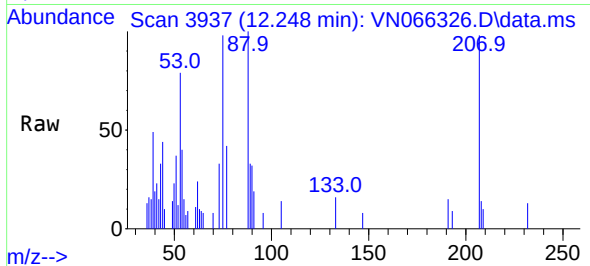
Tgt Ion: 105 Resp: 36245
Ion Ratio Lower Upper
105 100
120 49.4 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 1.43 ug/l
RT: 12.248 min Scan# 3937
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

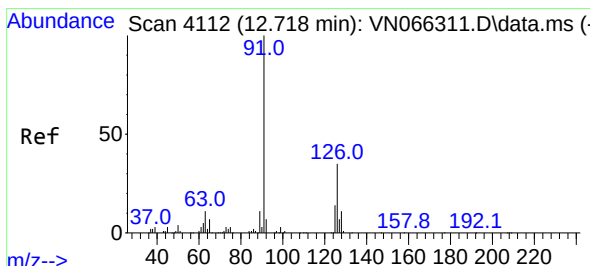
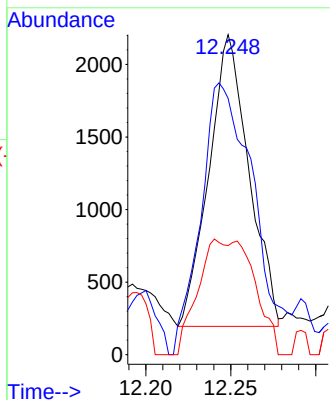
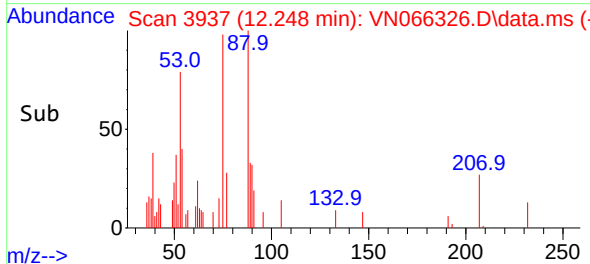
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



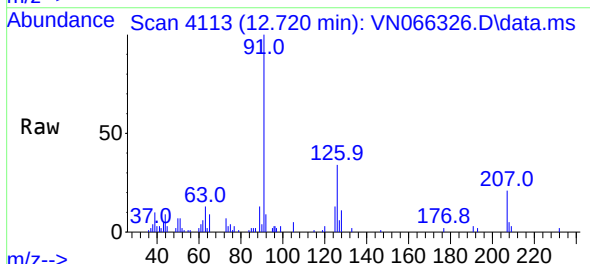
Tgt Ion: 75 Resp: 3292
Ion Ratio Lower Upper
75 100
53 77.4 49.6 149.0
89 37.4 22.9 68.7

Manual Integrations
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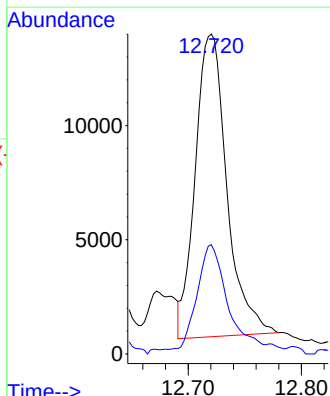
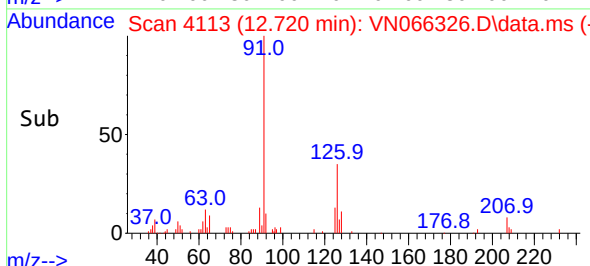
SAM
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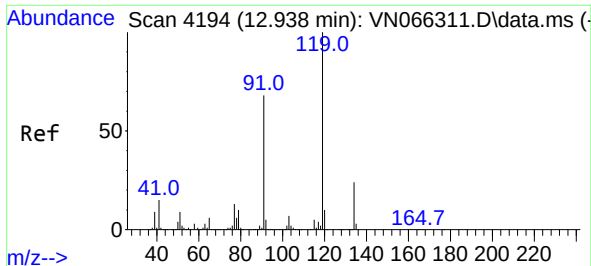


#78
4-Chlorotoluene
Concen: 1.71 ug/l
RT: 12.720 min Scan# 4113
Delta R.T. 0.002 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



Tgt Ion: 91 Resp: 25701
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4





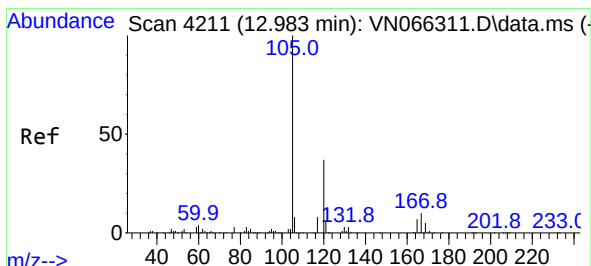
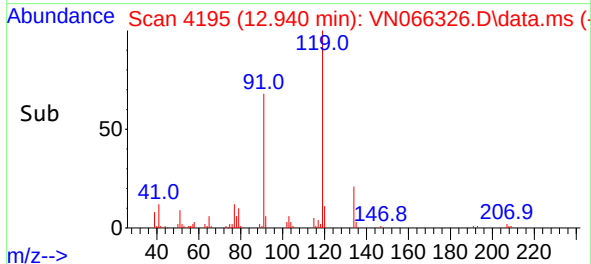
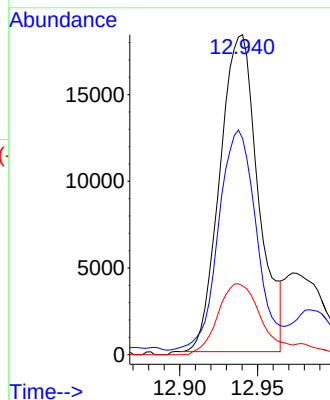
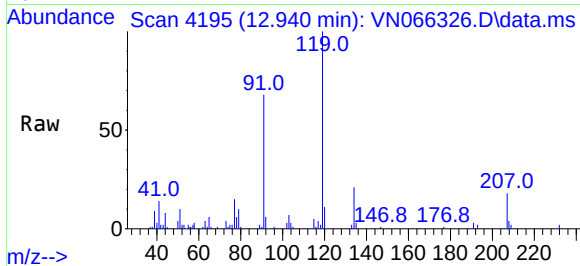
#79
tert-butylbenzene
Concen: 1.91 ug/l
RT: 12.940 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:119 Resp: 31374
Ion Ratio Lower Upper
119 100
91 68.4 0.0 133.4
134 25.1 0.0 51.0

Instrument :
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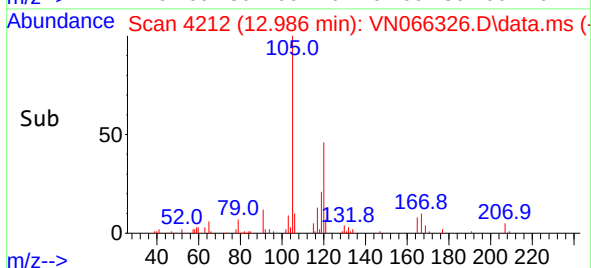
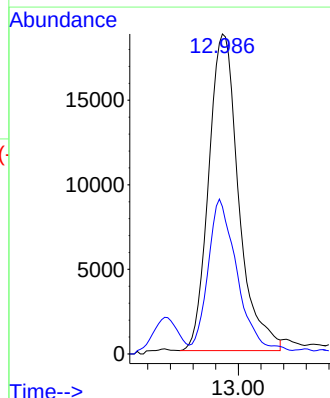
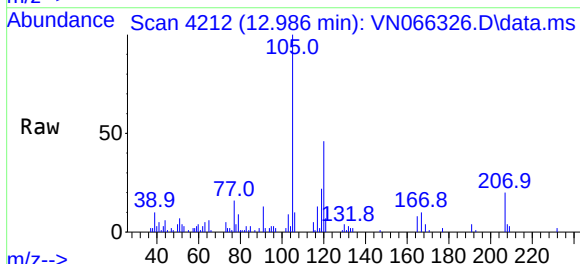
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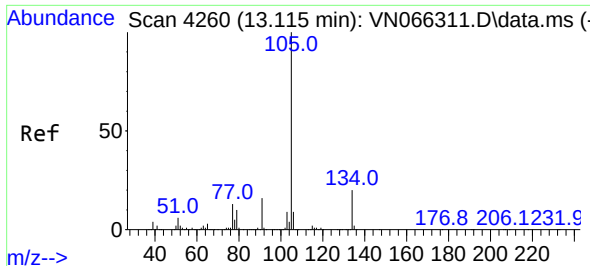
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#80
1,2,4-Trimethylbenzene
Concen: 1.88 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion:105 Resp: 34400
Ion Ratio Lower Upper
105 100
120 43.5 0.0 90.6





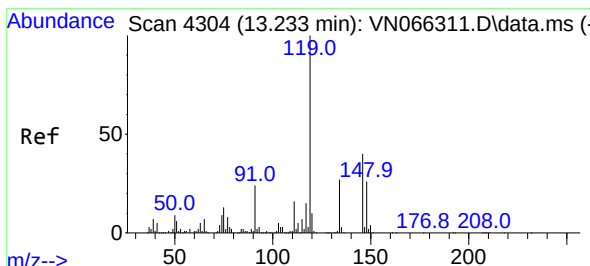
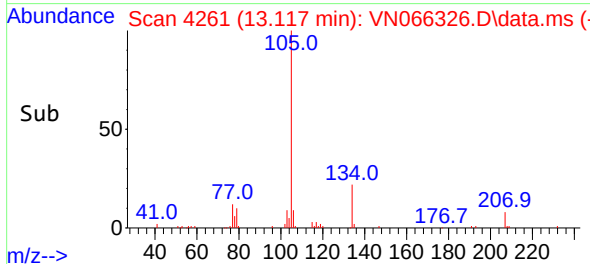
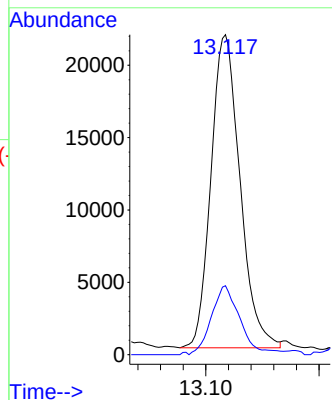
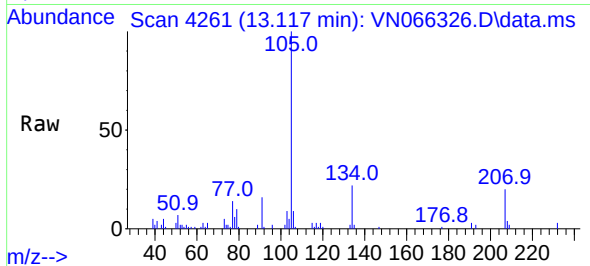
#81
 sec-Butylbenzene
 Concen: 1.84 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066326.D
 Acq: 25 Mar 2021 12:14

Tgt Ion:105 Resp: 38473
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 40.0

Instrument :
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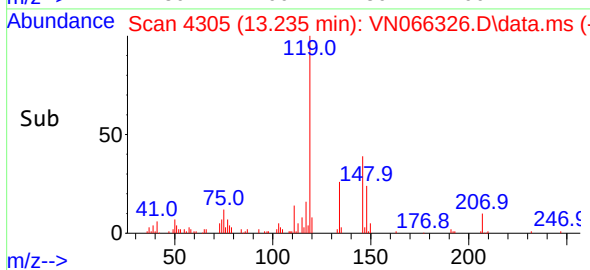
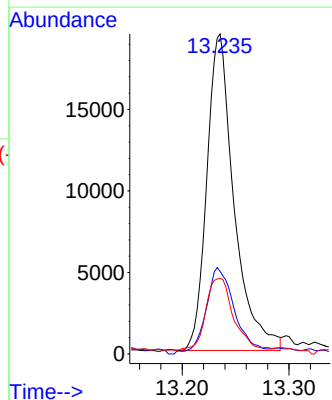
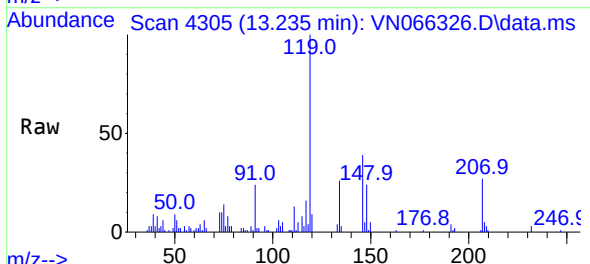
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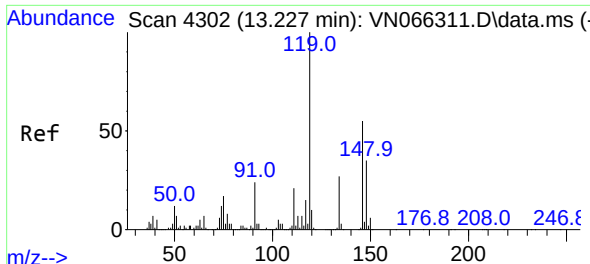
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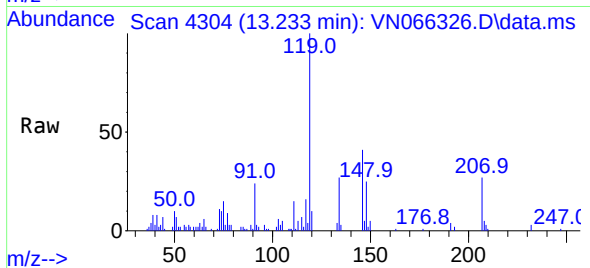
#82
 p-Isopropyltoluene
 Concen: 1.86 ug/l
 RT: 13.235 min Scan# 4305
 Delta R.T. 0.003 min
 Lab File: VN066326.D
 Acq: 25 Mar 2021 12:14

Tgt Ion:119 Resp: 34385
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 53.4
 91 22.7 0.0 47.6

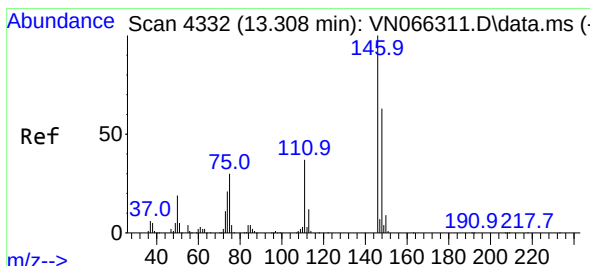
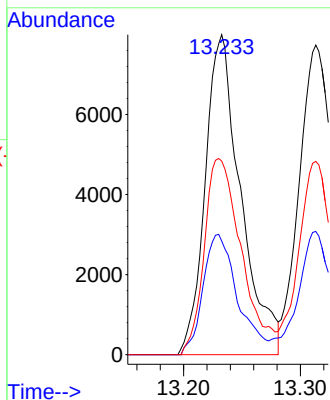
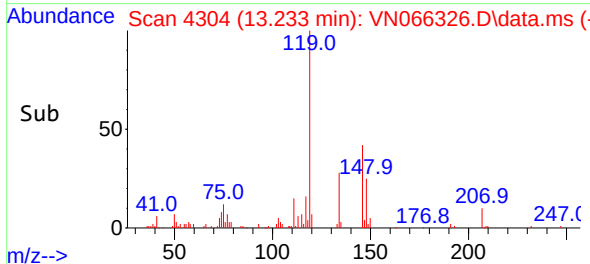




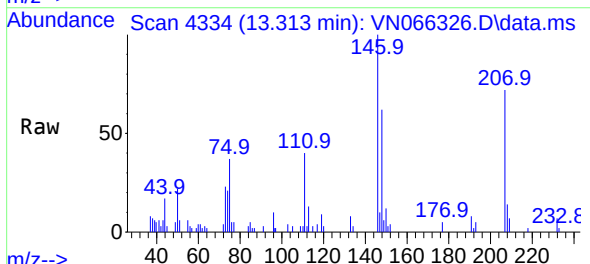
#83
1,3-Dichlorobenzene
Concen: 1.82 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



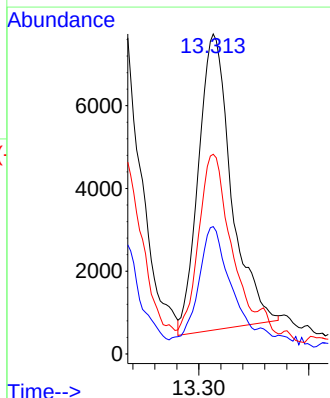
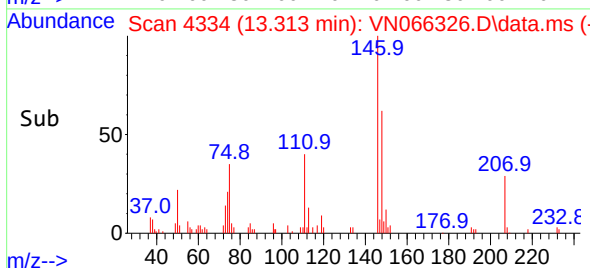
Tgt Ion:146 Resp: 16911
Ion Ratio Lower Upper
146 100
111 36.7 19.3 57.9
148 62.3 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 1.65 ug/l
RT: 13.313 min Scan# 4334
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14



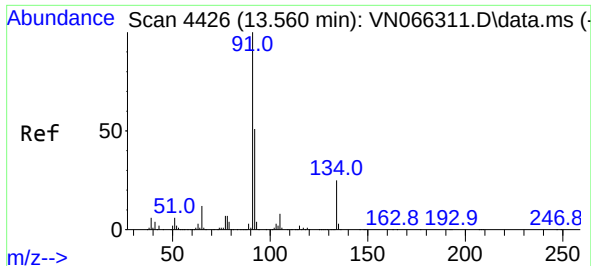
Tgt Ion:146 Resp: 14894
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.0
148 56.5 31.9 95.5



Instrument :
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ClientSampleId :
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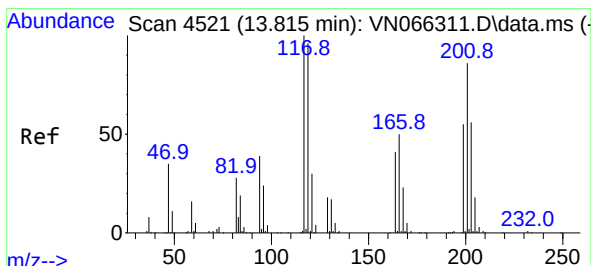
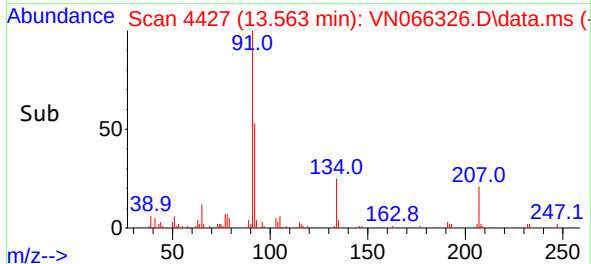
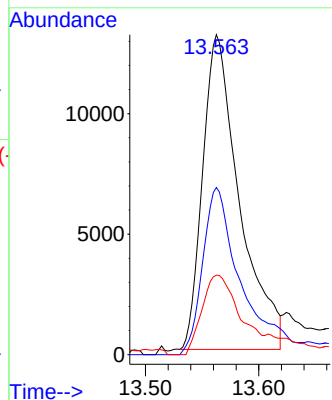
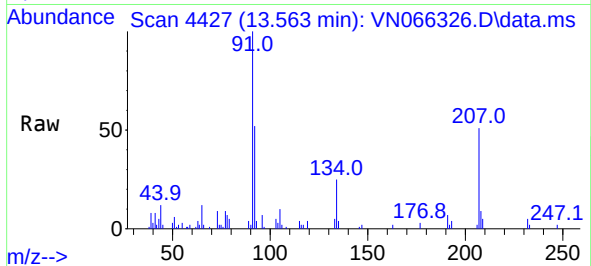
#85
n-Butylbenzene
Concen: 1.95 ug/l
RT: 13.563 min Scan# 4427
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 91 Resp: 29435
Ion Ratio Lower Upper
91 100
92 55.7 0.0 102.6
134 26.2 0.0 49.0

Instrument :
MSVOA_N
ClientSampleId :
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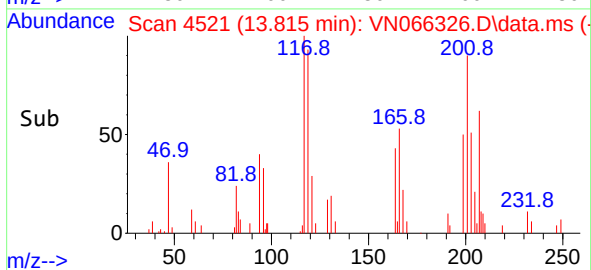
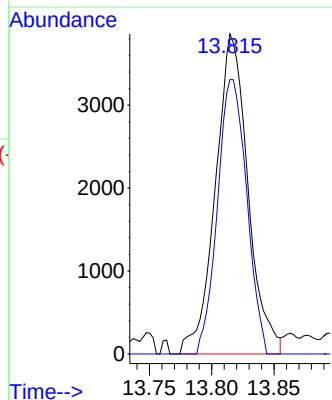
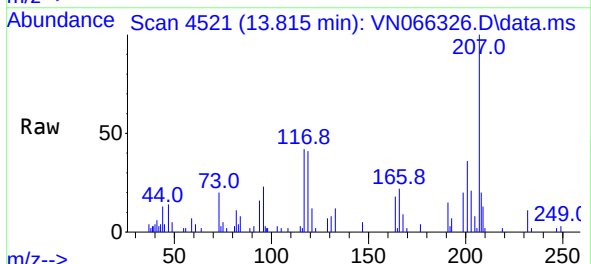
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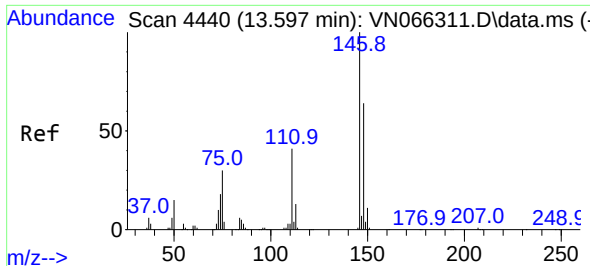
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#86
Hexachloroethane
Concen: 2.05 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 117 Resp: 7002
Ion Ratio Lower Upper
117 100
201 76.8 43.3 129.8





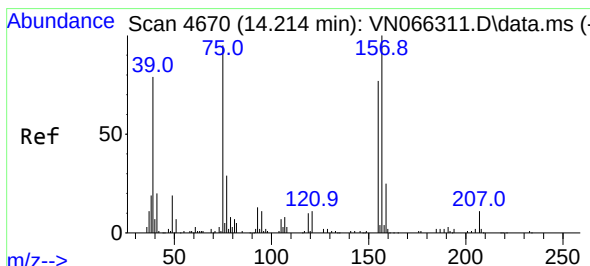
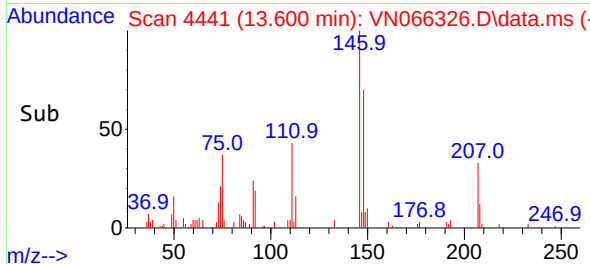
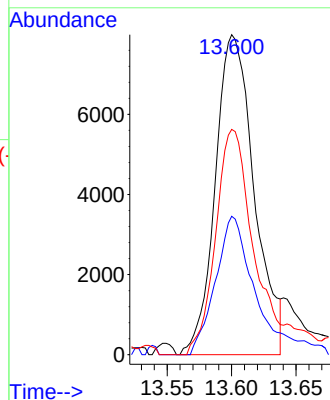
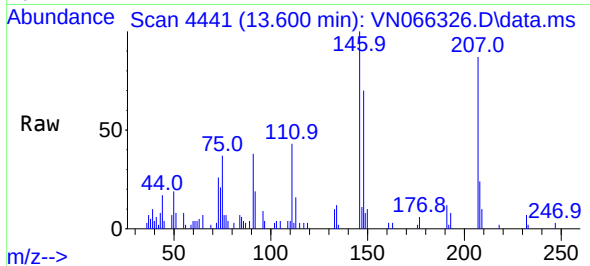
#87
1,2-Dichlorobenzene
Concen: 1.83 ug/l
RT: 13.600 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 146 Resp: 16813
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.9
148 67.9 32.0 96.0

Instrument :
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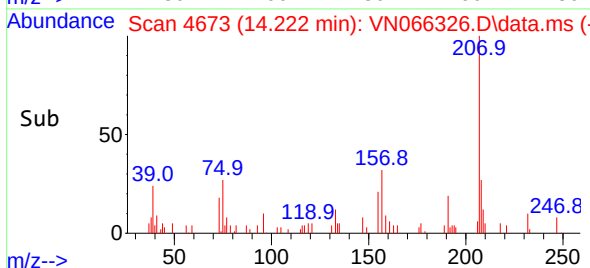
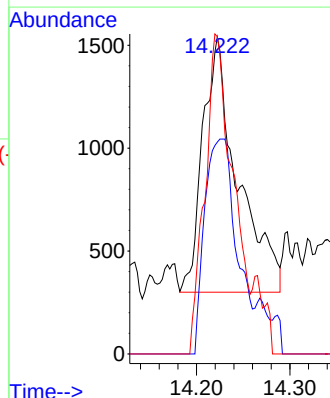
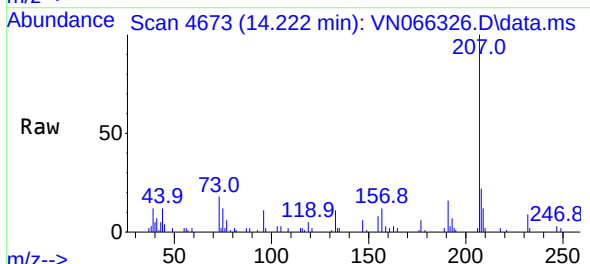
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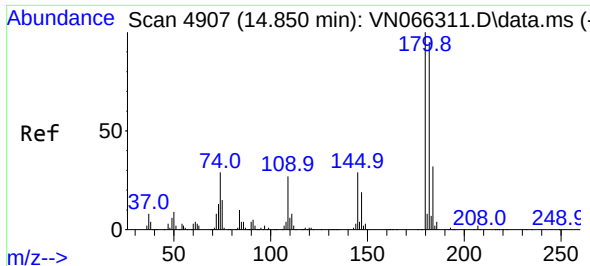
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#88
1,2-Dibromo-3-Chloropropane
Concen: 2.15 ug/l m
RT: 14.222 min Scan# 4673
Delta R.T. 0.008 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion: 75 Resp: 3226
Ion Ratio Lower Upper
75 100
155 76.2 68.3 102.5
157 99.7 87.8 131.6





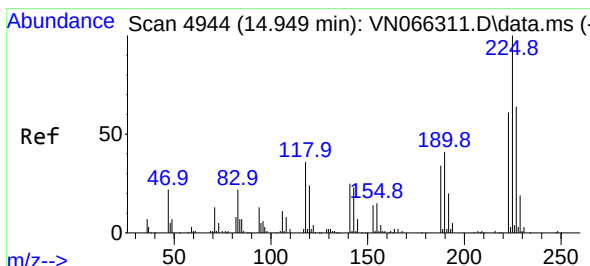
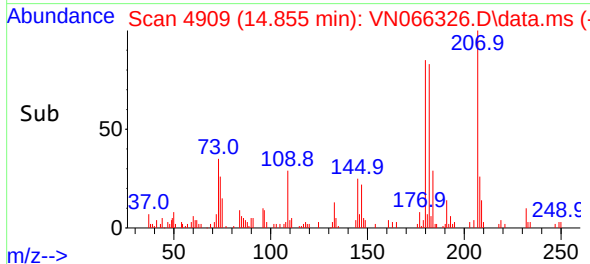
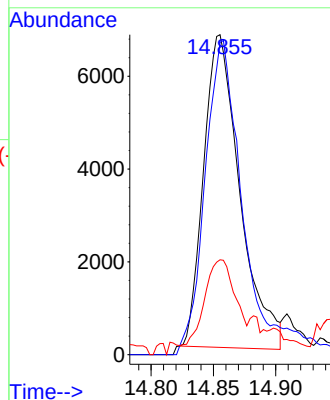
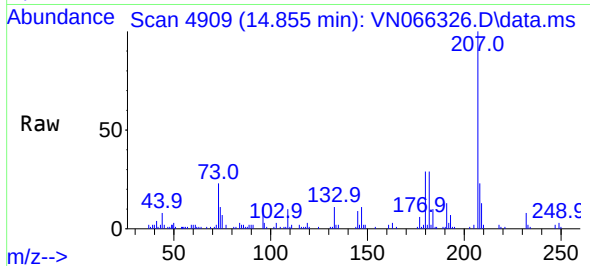
#89
1,2,4-Trichlorobenzene
Concen: 2.33 ug/l
RT: 14.855 min Scan# 4909
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.3	111.5
145	22.3	23.4	35.0#

Instrument :
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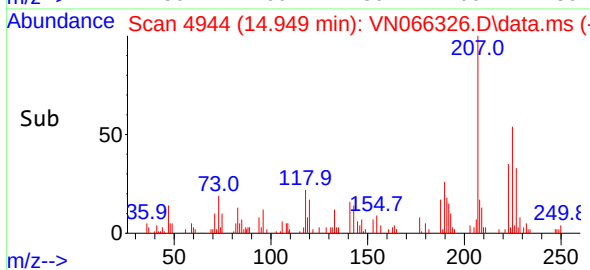
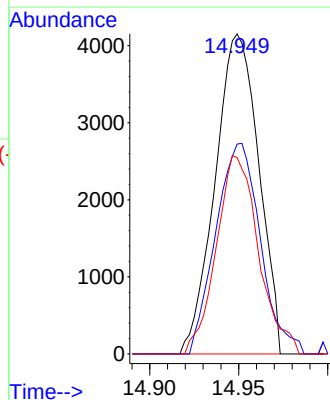
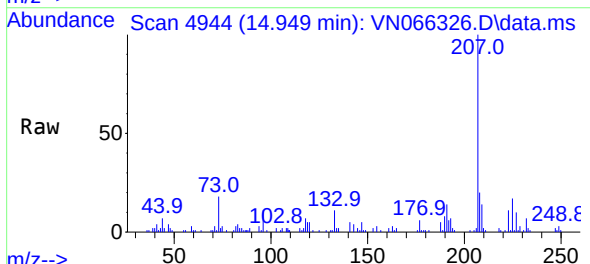
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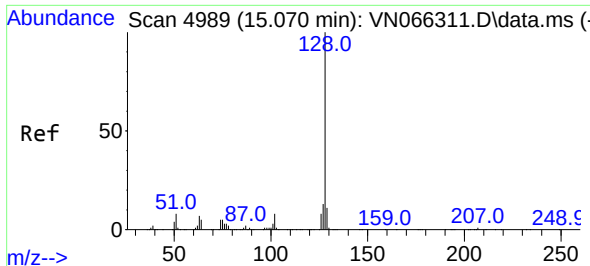
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#90
Hexachlorobutadiene
Concen: 2.23 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	0.0	124.6
227	60.0	0.0	126.6





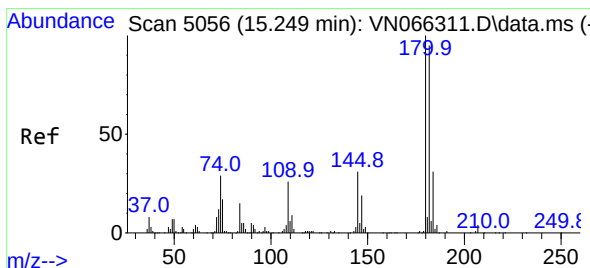
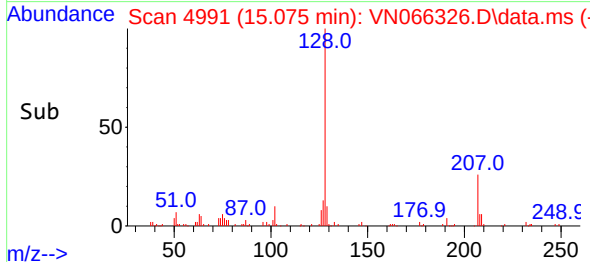
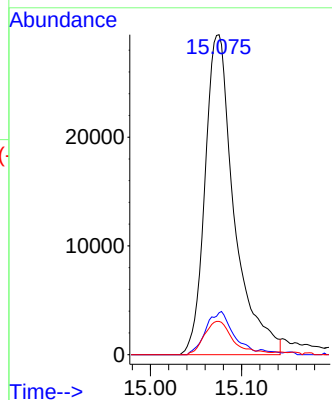
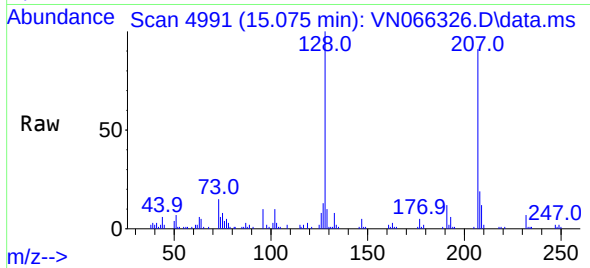
#91
Naphthalene
Concen: 3.67 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.2	15.2#
129	9.9	8.6	13.0

Instrument :
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#92
1,2,3-Trichlorobenzene
Concen: 3.03 ug/l
RT: 15.255 min Scan# 5058
Delta R.T. 0.005 min
Lab File: VN066326.D
Acq: 25 Mar 2021 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.4	0.0	190.0
145	10.7	0.0	60.8

