

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066335.D
 Acq On : 25 Mar 2021 16:57
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 3/29/2021 5:12:25 PM

Quant Time: Mar 26 05:35:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	493760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	760411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	705023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	351548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	971646	110.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	221.84%#
35) Dibromofluoromethane	7.509	113	760307	146.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	293.48%#
50) Toluene-d8	10.028	98	2930002	144.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	288.28%#
62) 4-Bromofluorobenzene	12.345	95	1045054	139.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	278.50%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	931163	150.86	ug/l	100
3) Chloromethane	2.014	50	976882	93.14	ug/l	100
4) Vinyl Chloride	2.145	62	1023779	120.14	ug/l	99
5) Bromomethane	2.510	94	624403	130.46	ug/l	99
6) Chloroethane	2.644	64	635802	133.74	ug/l	99
7) Trichlorofluoromethane	2.958	101	1460974	153.56	ug/l	100
8) Diethyl Ether	3.342	74	564378	145.74	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.677	101	812193	173.26	ug/l	99
10) Methyl Iodide	3.867	142	1178425	203.11	ug/l	100
11) Tert butyl alcohol	4.744	59	654153	439.14	ug/l	# 84
12) 1,1-Dichloroethene	3.658	96	816974	160.08	ug/l	99
13) Acrolein	3.532	56	348252	356.73	ug/l	100
14) Allyl chloride	4.227	41	1653214	112.34	ug/l	98
15) Acrylonitrile	4.886	53	2000777	468.10	ug/l	99
16) Acetone	3.746	43	2263804	497.38	ug/l	100
17) Carbon Disulfide	3.966	76	2398490	151.28	ug/l	99
18) Methyl Acetate	4.237	43	1304636	116.34	ug/l	100
19) Methyl tert-butyl Ether	4.945	73	2447619	113.80	ug/l	99
20) Methylene Chloride	4.449	84	913473	132.77	ug/l	97
21) trans-1,2-Dichloroethene	4.929	96	756727	131.70	ug/l	99
22) Diisopropyl ether	5.860	45	2674984	93.84	ug/l	98
23) Vinyl Acetate	5.798	43	11076776	452.90	ug/l	96
24) 1,1-Dichloroethane	5.745	63	1388098	104.41	ug/l	99
25) 2-Butanone	6.750	43	2781149	413.85	ug/l	98
26) 2,2-Dichloropropane	6.726	77	1255212	113.10	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	877834	125.70	ug/l	99
28) Bromochloromethane	7.104	49	721133	94.99	ug/l	99
29) Tetrahydrofuran	7.131	42	1904345	410.91	ug/l	99
30) Chloroform	7.287	83	1430749	118.26	ug/l	99
31) Cyclohexane	7.571	56	1300095	103.13	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	1259619	123.20	ug/l	99
36) 1,1-Dichloropropene	7.710	75	1084509	129.52	ug/l	100
37) Ethyl Acetate	6.844	43	1164596	94.62	ug/l	99
38) Carbon Tetrachloride	7.692	117	1079224	145.07	ug/l	99
39) Methylcyclohexane	9.011	83	1341110	147.56	ug/l	99
40) Benzene	7.963	78	3239536	132.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	600075	102.11	ug/l	93
42) 1,2-Dichloroethane	8.048	62	1153646	117.87	ug/l	100
43) Isopropyl Acetate	8.094	43	2038249	101.87	ug/l	99
44) Trichloroethene	8.767	130	851916	143.92	ug/l	99
45) 1,2-Dichloropropane	9.051	63	853236	117.24	ug/l	100
46) Dibromomethane	9.140	93	579648	142.47	ug/l	99
47) Bromodichloromethane	9.338	83	1188745	133.37	ug/l	98
48) Methyl methacrylate	9.137	41	987192	100.87	ug/l	100
49) 1,4-Dioxane	9.153	88	222572	2369.24	ug/l	99
51) 4-Methyl-2-Pentanone	9.926	43	5715042	471.21	ug/l	97
52) Toluene	10.095	92	2086591	142.68	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	1349107	129.66	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	1410006	126.04	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	814693	142.27	ug/l	99
56) Ethyl methacrylate	10.371	69	1304104	133.01	ug/l	99
57) 1,3-Dichloropropane	10.647	76	1350301	125.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	750982	246.80	ug/l	99
59) 2-Hexanone	10.695	43	4214375	486.11	ug/l	99
60) Dibromochloromethane	10.843	129	952736	156.48	ug/l	99
61) 1,2-Dibromoethane	10.948	107	855123	145.53	ug/l	99
64) Tetrachloroethene	10.572	164	839624	144.35	ug/l	99
65) Chlorobenzene	11.374	112	2129029	144.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	828312	151.33	ug/l	99
67) Ethyl Benzene	11.454	91	3895824	142.09	ug/l	96
68) m/p-Xylenes	11.564	106	3011481	302.12	ug/l	93
69) o-Xylene	11.892	106	1450399	151.48	ug/l	98
70) Styrene	11.908	104	2474046	157.54	ug/l	100
71) Bromoform	12.069	173	719866	170.59	ug/l #	100
73) Isopropylbenzene	12.192	105	3811544	140.17	ug/l	98
74) N-amyl acetate	12.015	43	1627593	123.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.449	83	1131553	118.13	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	1063978m	105.23	ug/l	
77) Bromobenzene	12.468	156	959280	150.83	ug/l	100
78) n-propylbenzene	12.535	91	4271449	133.39	ug/l	98
79) 2-Chlorotoluene	12.618	91	2521464	130.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	3168066	138.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	426239	132.36	ug/l	99
82) 4-Chlorotoluene	12.715	91	2676504	135.79	ug/l	100
83) tert-Butylbenzene	12.938	119	2695139	138.59	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	3142717	140.08	ug/l	100
85) sec-Butylbenzene	13.115	105	3612951	141.00	ug/l	99
86) p-Isopropyltoluene	13.233	119	3319398	145.72	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	1689030	146.62	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	1693532	144.85	ug/l	99
89) n-Butylbenzene	13.557	91	2941086	142.95	ug/l	99
90) Hexachloroethane	13.817	117	590265	163.73	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	1583716	138.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	239150	100.27	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	1069147	165.47	ug/l	100
94) Hexachlorobutadiene	14.949	225	535196	159.90	ug/l	100
95) Naphthalene	15.070	128	3029863	144.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	1041760	151.75	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

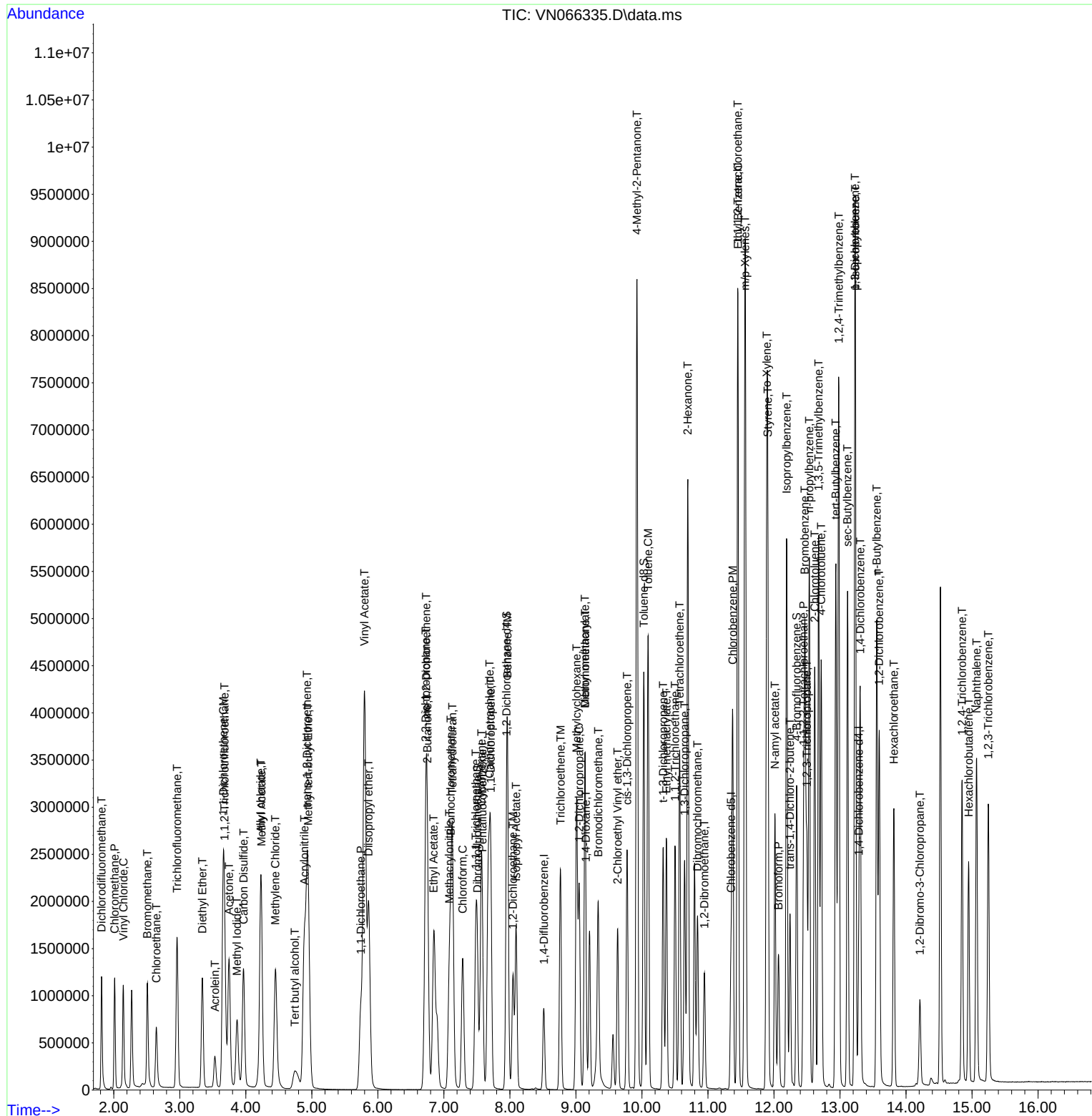
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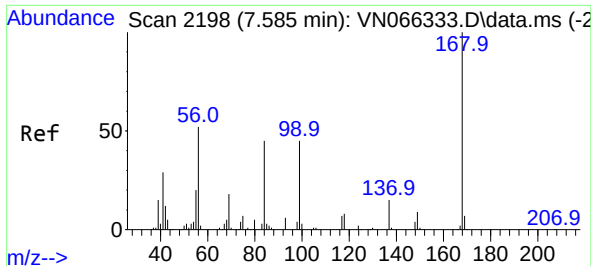
Instrument :
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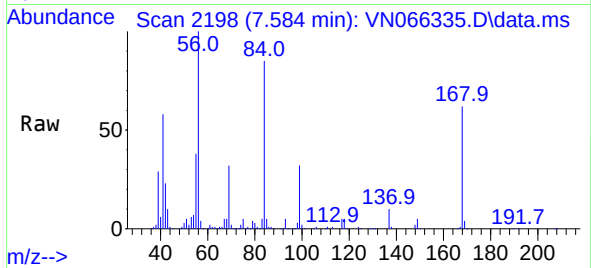
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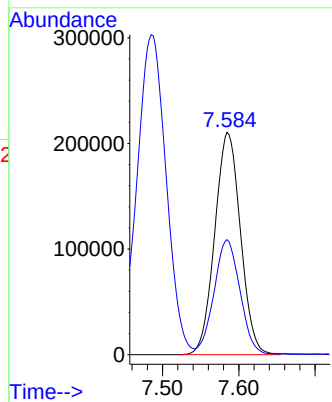
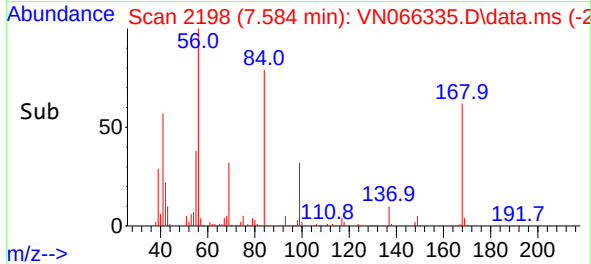




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
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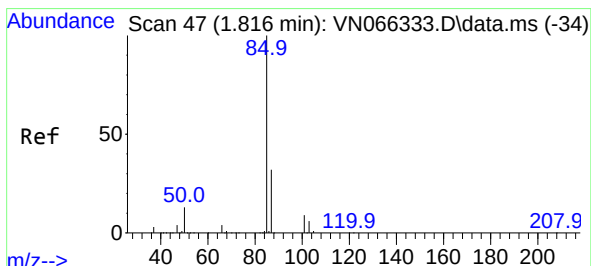
Tgt Ion: 168 Resp: 493760
Ion Ratio Lower Upper
168 100
99 51.4 41.1 61.7



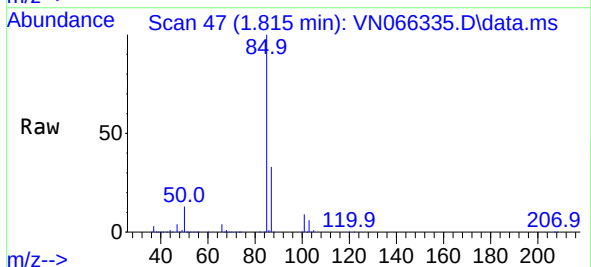
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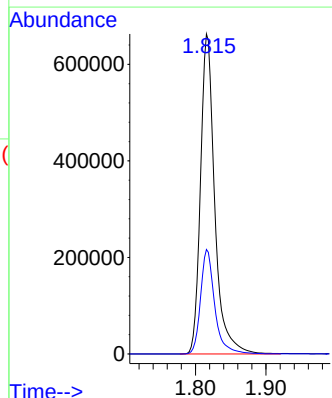
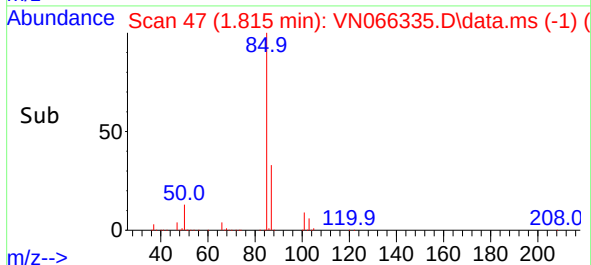
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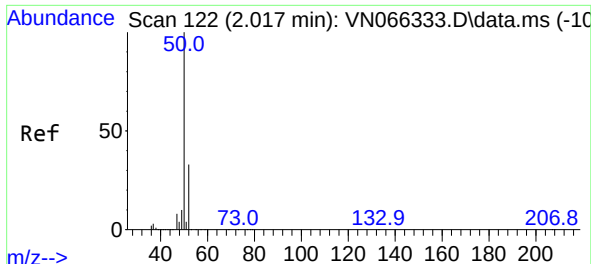


#2
Dichlorodifluoromethane
Concen: 150.86 ug/l
RT: 1.815 min Scan# 47
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 85 Resp: 931163
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





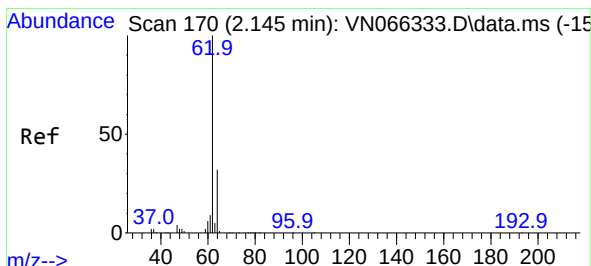
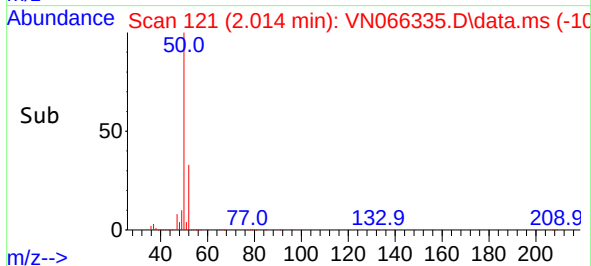
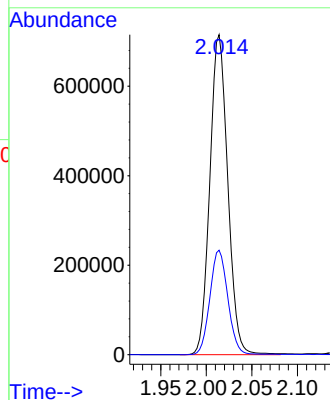
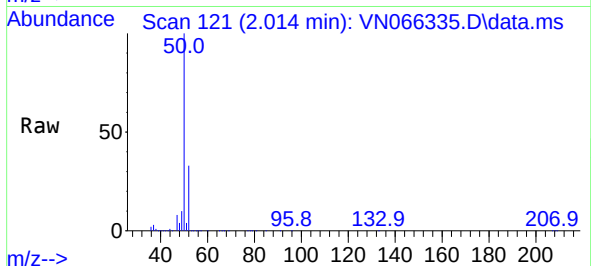
#3
Chloromethane
Concen: 93.14 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 50 Resp: 976882
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

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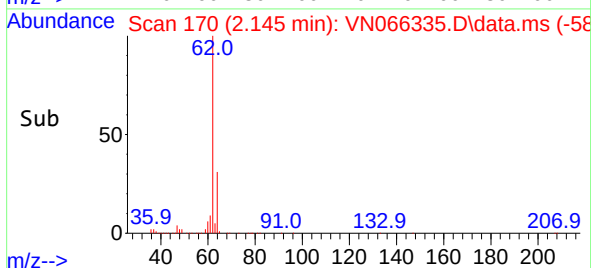
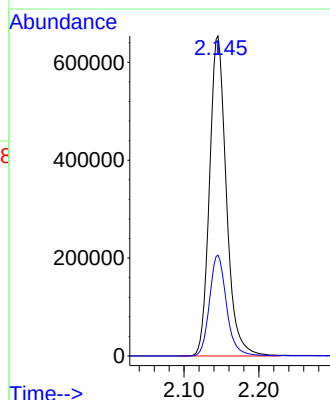
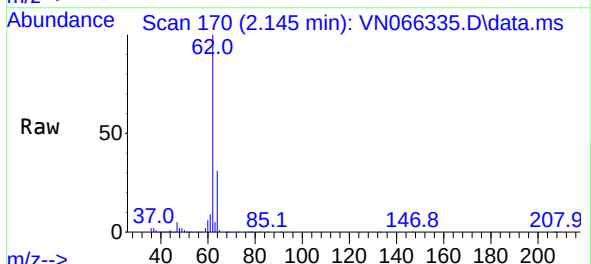
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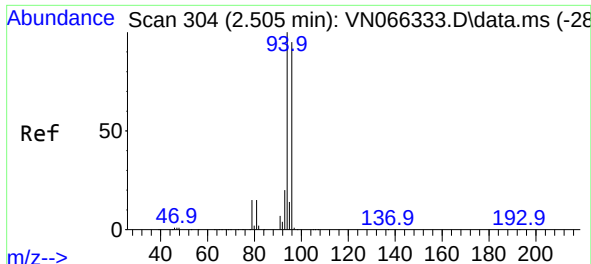
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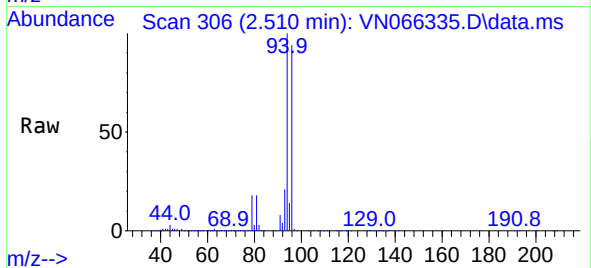
#4
Vinyl Chloride
Concen: 120.14 ug/l
RT: 2.145 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 62 Resp: 1023779
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

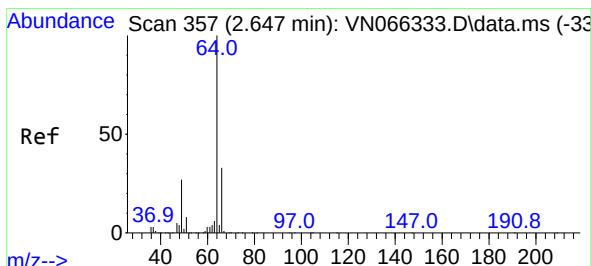
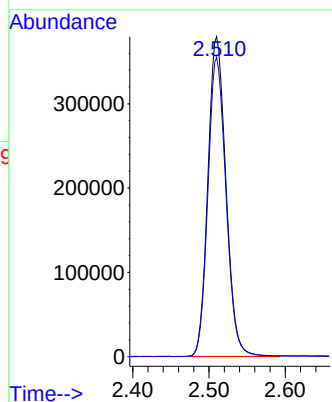
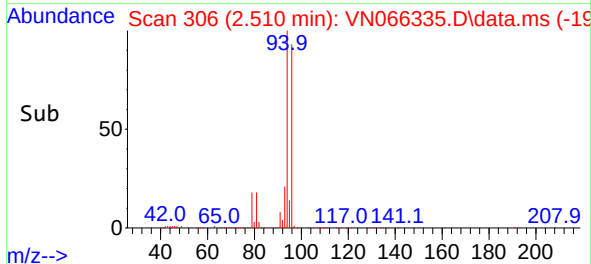




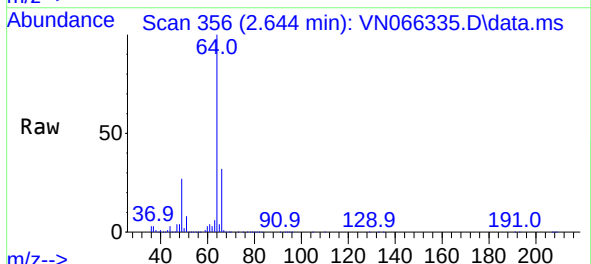
#5
Bromomethane
Concen: 130.46 ug/l
RT: 2.510 min Scan# 306
Delta R.T. 0.005 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



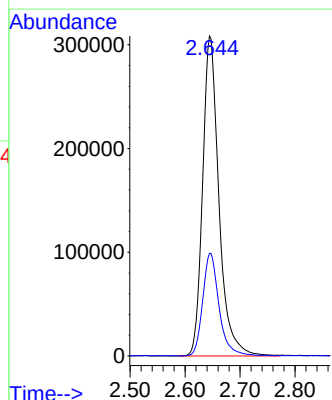
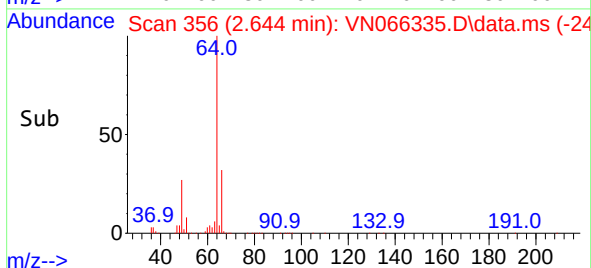
Tgt Ion: 94 Resp: 624403
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 133.74 ug/l
RT: 2.644 min Scan# 356
Delta R.T. -0.003 min
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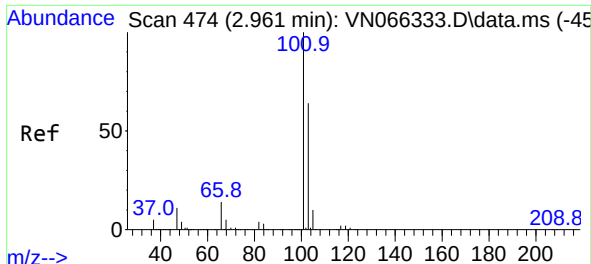
Tgt Ion: 64 Resp: 635802
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1



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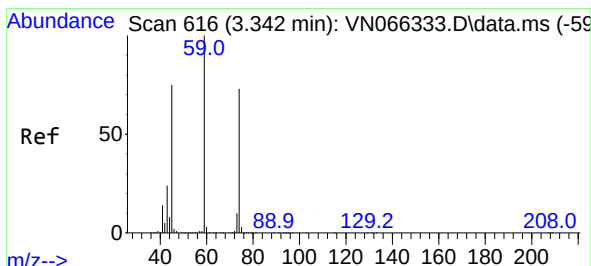
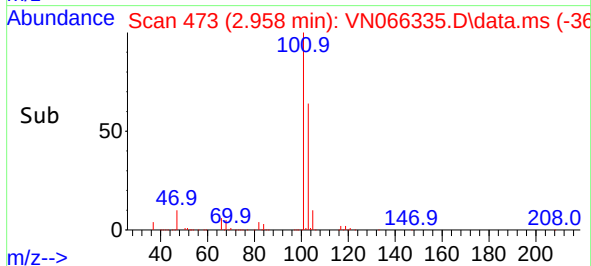
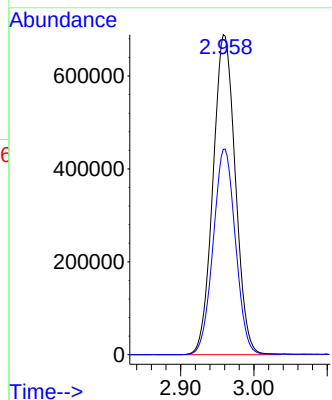
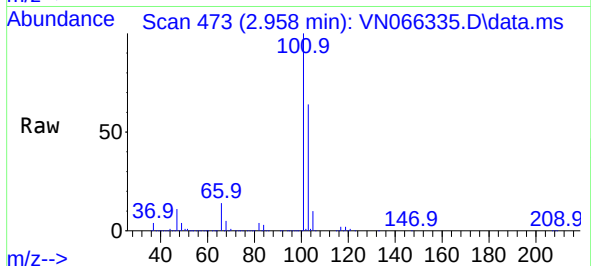
#7
Trichlorofluoromethane
Concen: 153.56 ug/l
RT: 2.958 min Scan# 473
Delta R.T. -0.003 min
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Tgt Ion:101 Resp: 1460974
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

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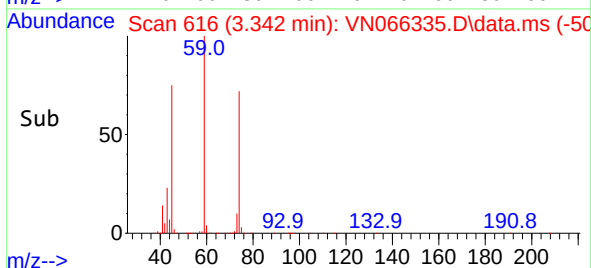
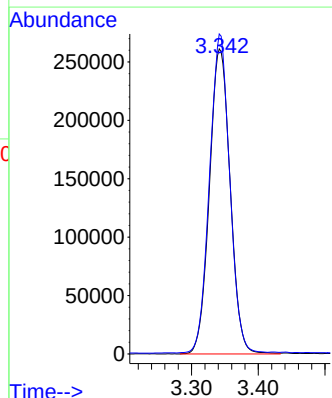
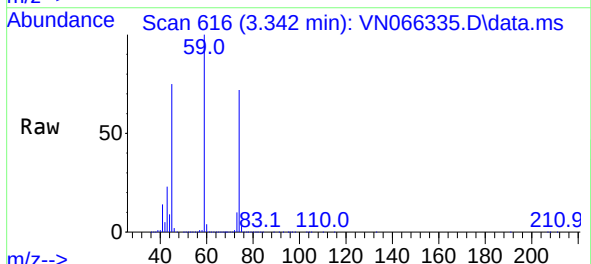
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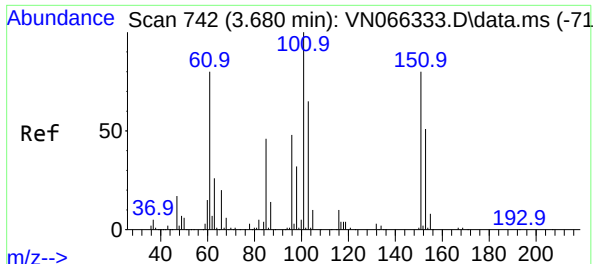
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#8
Diethyl Ether
Concen: 145.74 ug/l
RT: 3.342 min Scan# 616
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 564378
Ion Ratio Lower Upper
74 100
45 101.5 51.6 154.8





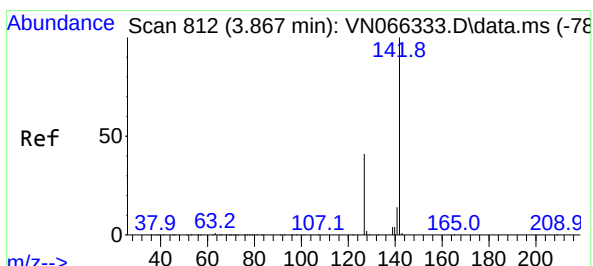
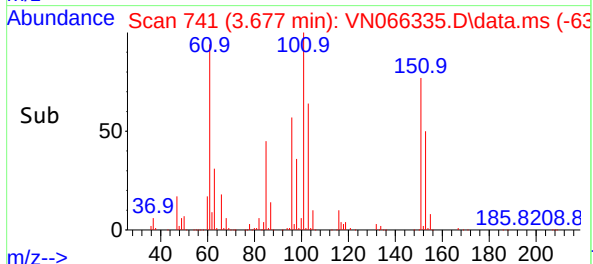
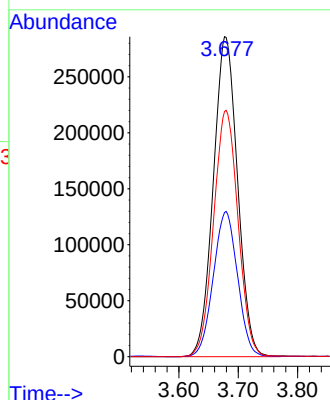
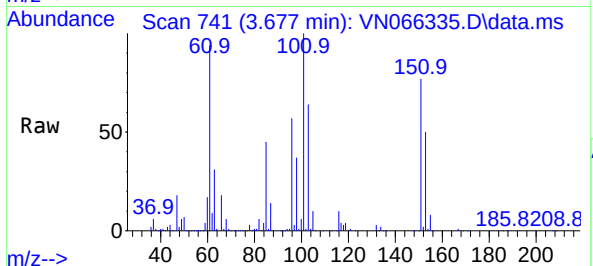
#9
1,1,2-Trichlorotrifluoroethane
Concen: 173.26 ug/l
RT: 3.677 min Scan# 741
Delta R.T. -0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:101 Resp: 812193
Ion Ratio Lower Upper
101 100
85 45.4 36.8 55.2
151 77.7 63.0 94.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

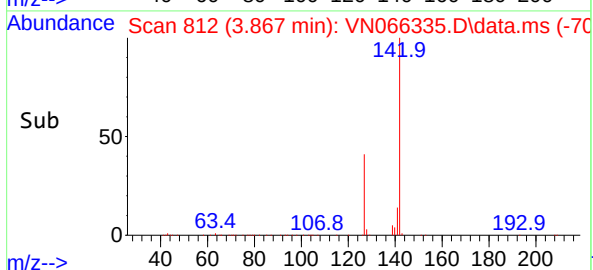
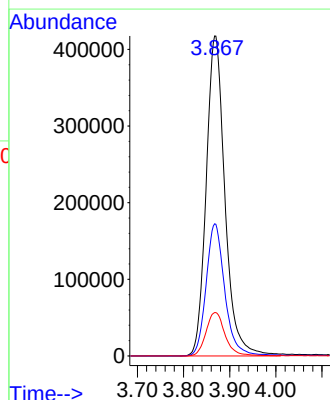
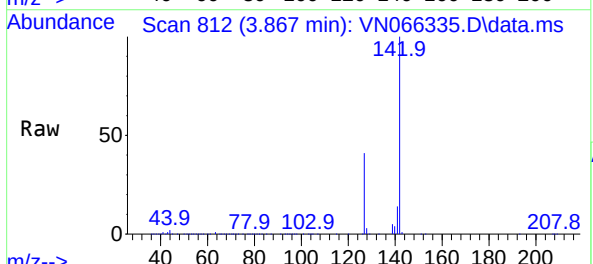
Manual Integrations
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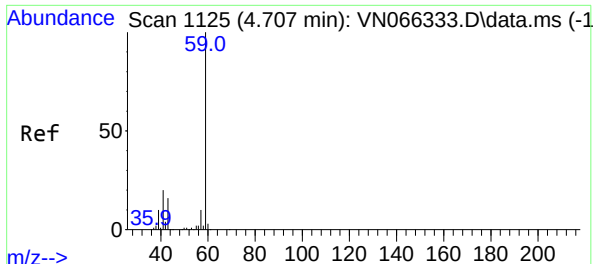
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#10
Methyl Iodide
Concen: 203.11 ug/l
RT: 3.867 min Scan# 812
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:142 Resp: 1178425
Ion Ratio Lower Upper
142 100
127 41.2 33.0 49.6
141 13.9 11.1 16.7





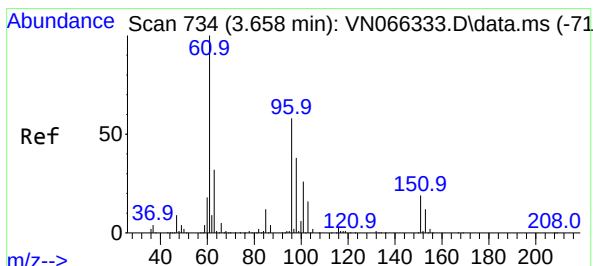
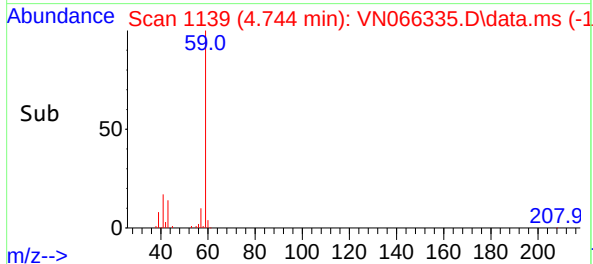
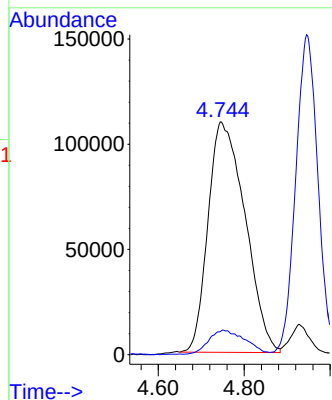
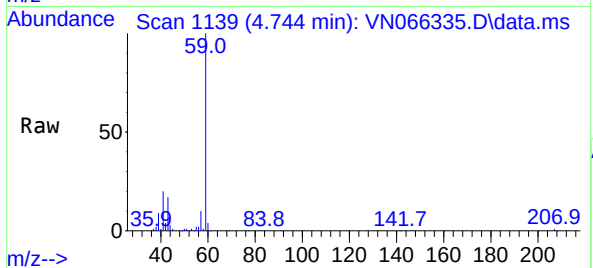
#11
Tert butyl alcohol
Concen: 439.14 ug/l
RT: 4.744 min Scan# 1139
Delta R.T. 0.037 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 59 Resp: 654153
Ion Ratio Lower Upper
59 100
57 10.3 4.1 6.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

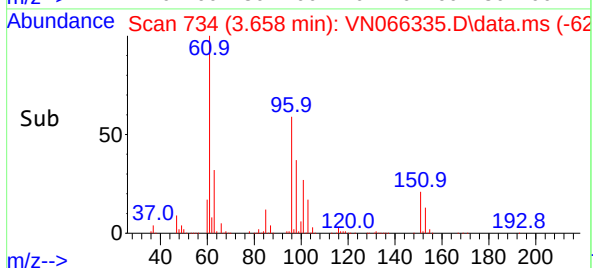
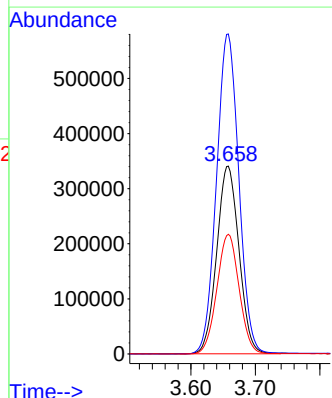
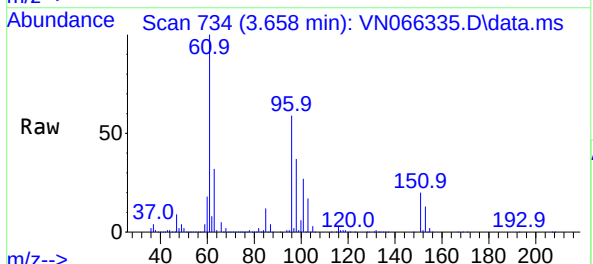
Manual Integrations
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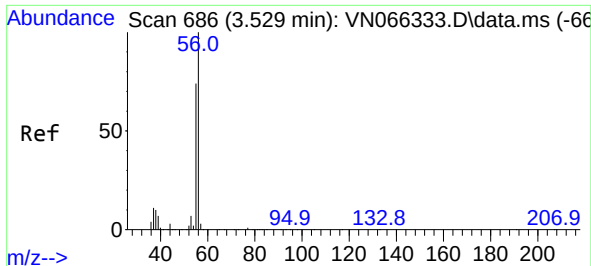
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#12
1,1-Dichloroethene
Concen: 160.08 ug/l
RT: 3.658 min Scan# 734
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

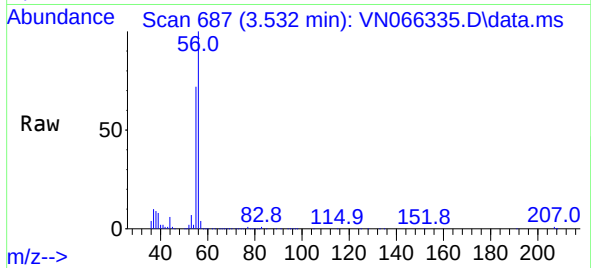
Tgt Ion: 96 Resp: 816974
Ion Ratio Lower Upper
96 100
61 170.5 137.0 205.4
98 63.8 51.5 77.3





#13
Acrolein
Concen: 356.73 ug/l
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

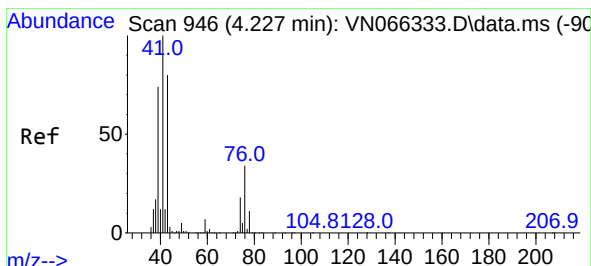
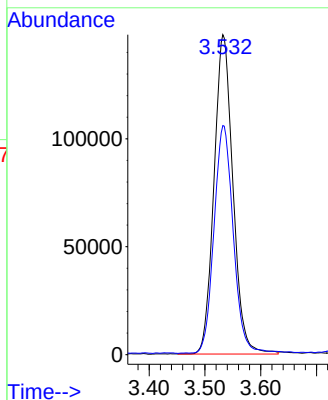
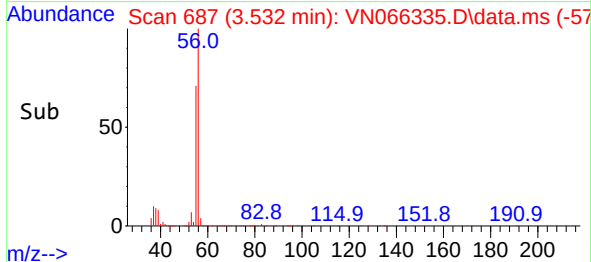
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



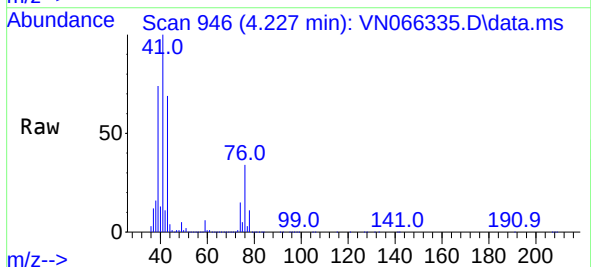
Tgt Ion: 56 Resp: 348252
Ion Ratio Lower Upper
56 100
55 72.1 57.9 86.9

Manual Integrations
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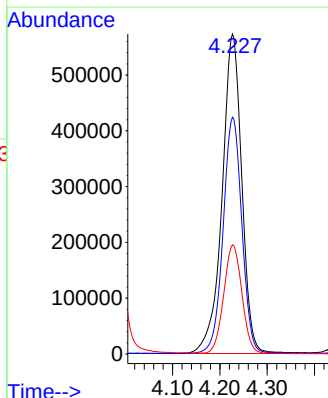
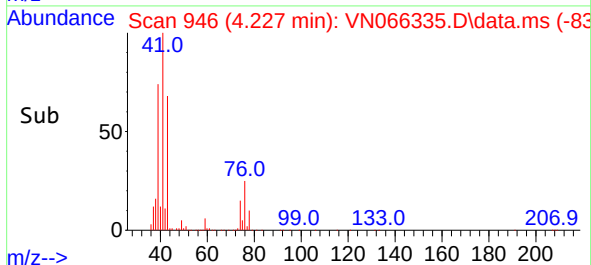
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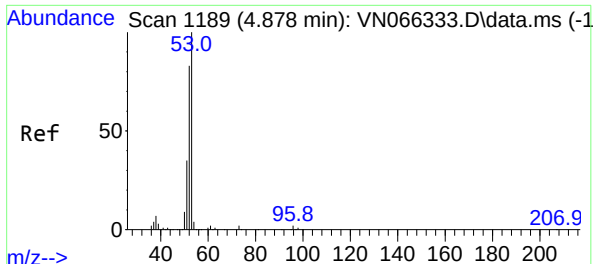


#14
Allyl chloride
Concen: 112.34 ug/l
RT: 4.227 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



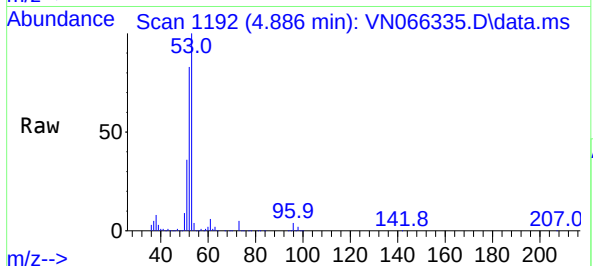
Tgt Ion: 41 Resp: 1653214
Ion Ratio Lower Upper
41 100
39 70.6 55.3 82.9
76 31.5 24.6 36.8





#15
Acrylonitrile
Concen: 468.10 ug/l
RT: 4.886 min Scan# 1192
Delta R.T. 0.008 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

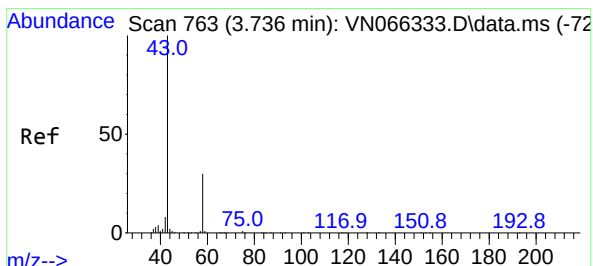
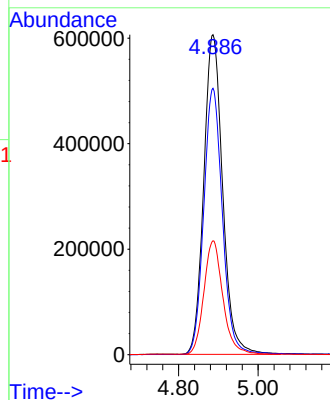
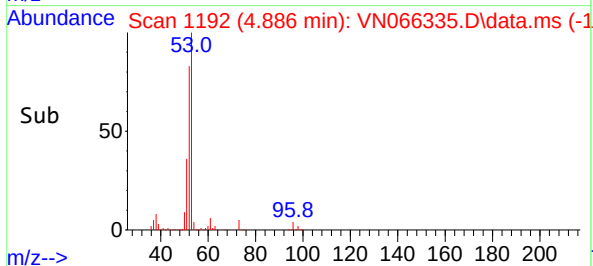
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



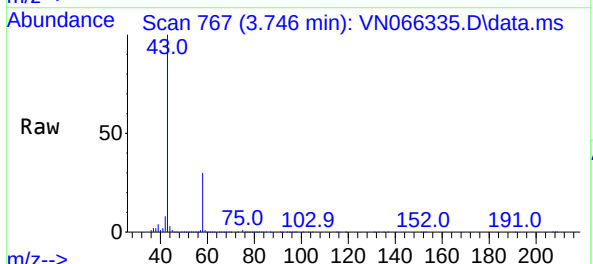
Tgt Ion: 53 Resp: 2000777
Ion Ratio Lower Upper
53 100
52 82.0 66.6 99.8
51 35.6 29.4 44.0

Manual Integrations
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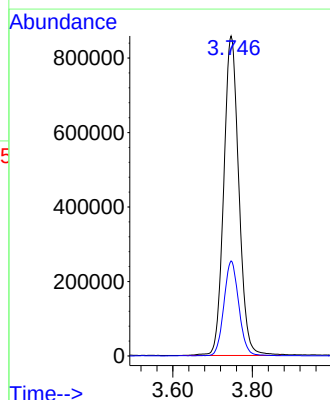
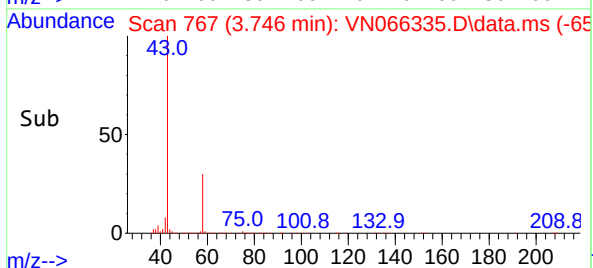
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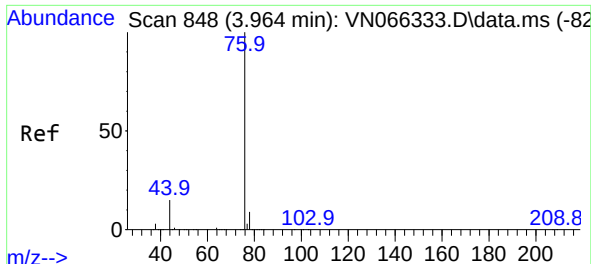


#16
Acetone
Concen: 497.38 ug/l
RT: 3.746 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



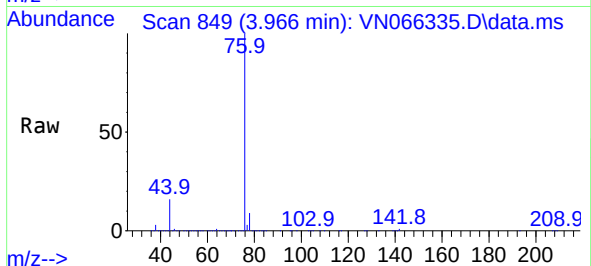
Tgt Ion: 43 Resp: 2263804
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8





#17
Carbon Disulfide
Concen: 151.28 ug/l
RT: 3.966 min Scan# 849
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

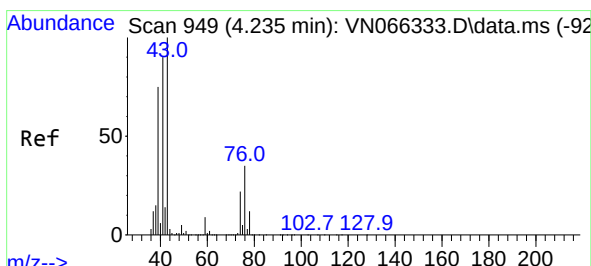
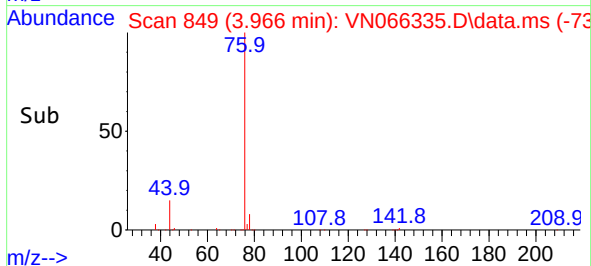
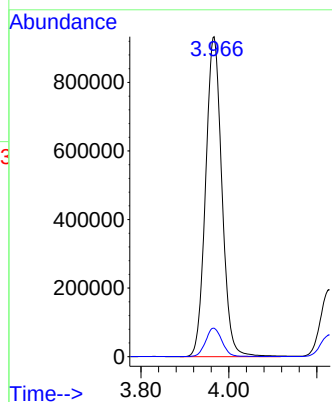
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 2398490
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

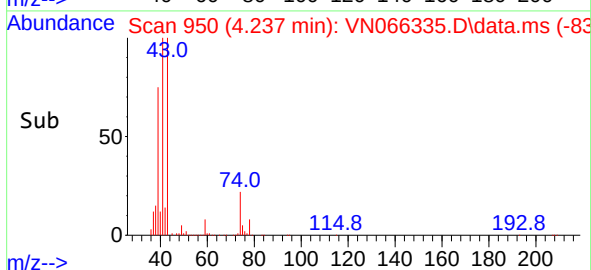
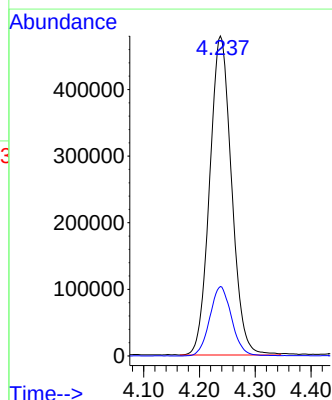
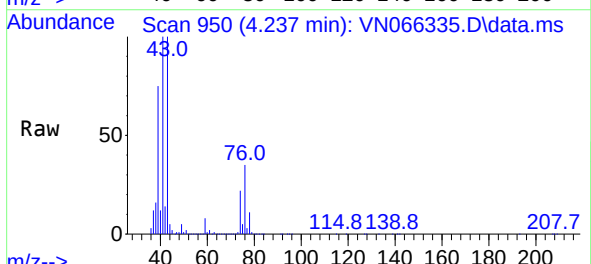
Manual Integrations
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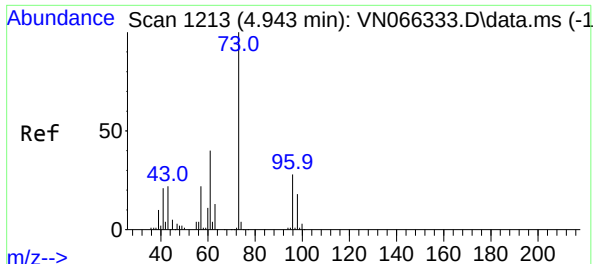
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#18
Methyl Acetate
Concen: 116.34 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 43 Resp: 1304636
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4





#19

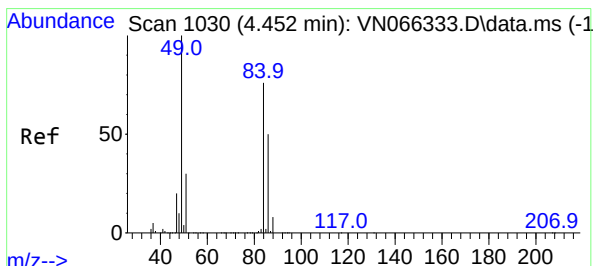
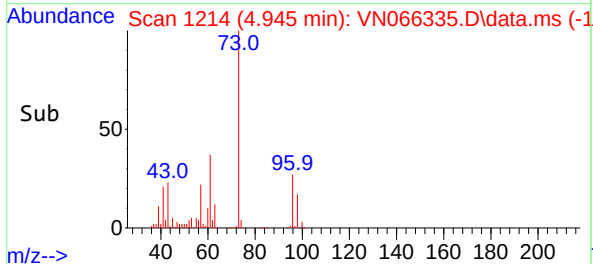
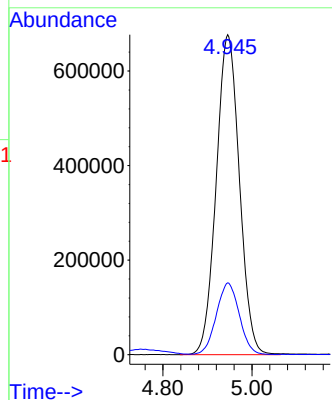
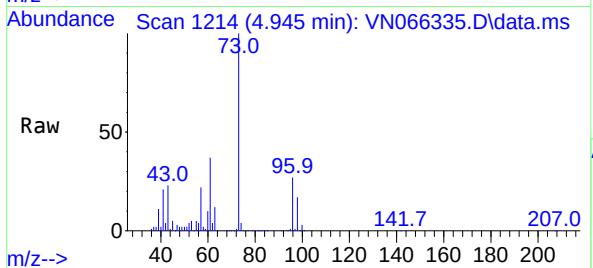
Methyl tert-butyl Ether
Concen: 113.80 ug/l
RT: 4.945 min Scan# 1214
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 73 Resp: 2447619
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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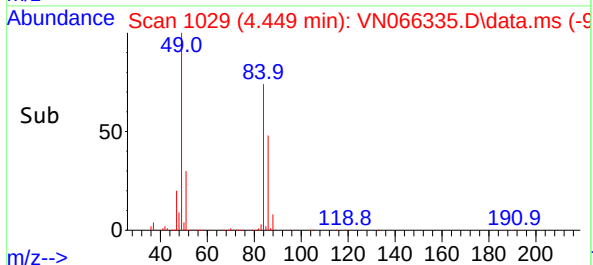
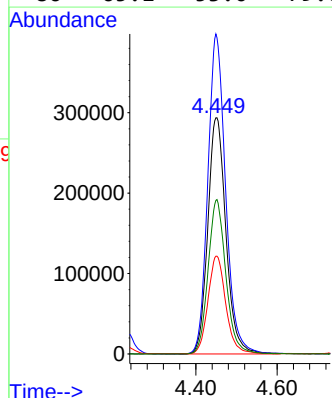
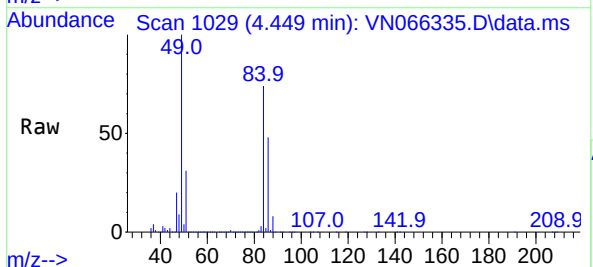
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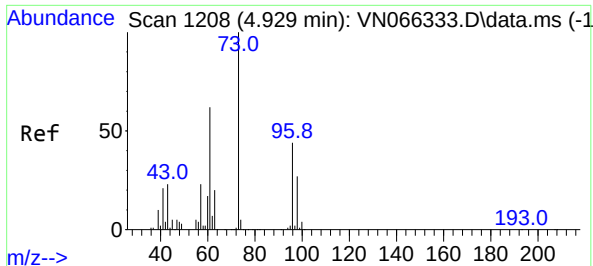


#20

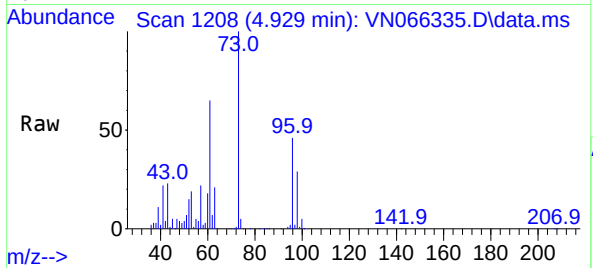
Methylene Chloride
Concen: 132.77 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 84 Resp: 913473
Ion Ratio Lower Upper
84 100
49 135.5 105.0 157.6
51 41.3 31.6 47.4
86 65.1 53.0 79.6

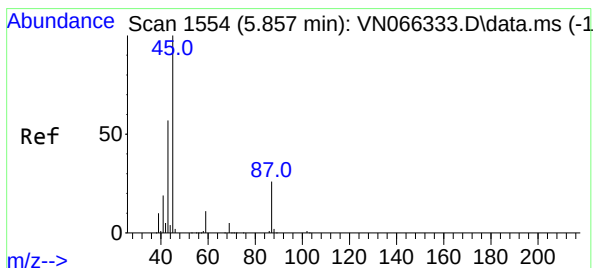
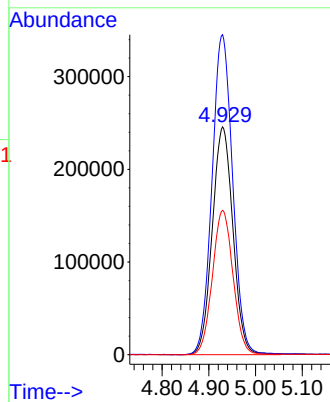
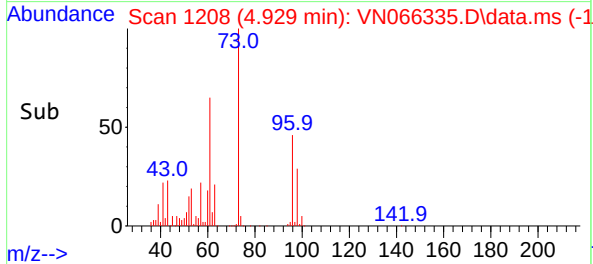




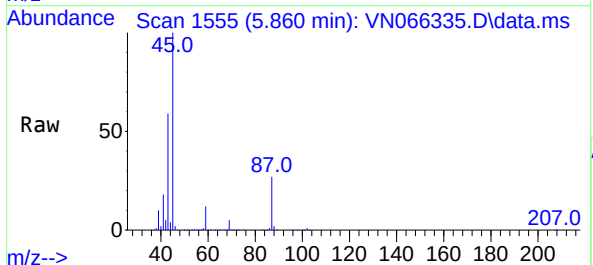
#21
trans-1,2-Dichloroethene
Concen: 131.70 ug/l
RT: 4.929 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



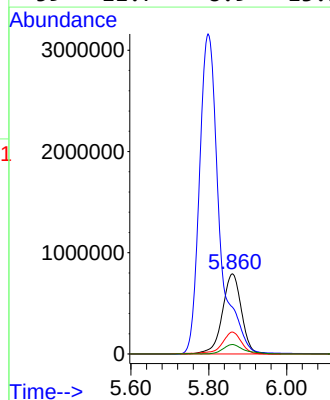
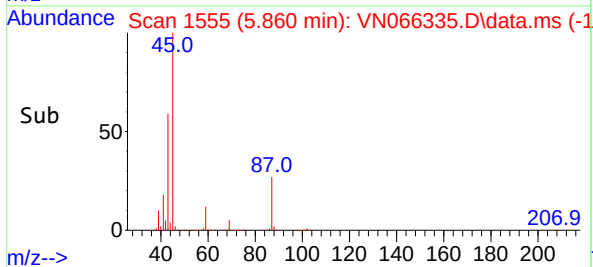
Tgt Ion: 96 Resp: 756727
Ion Ratio Lower Upper
96 100
61 140.4 113.7 170.5
98 63.3 50.2 75.2



#22
Diisopropyl ether
Concen: 93.84 ug/l
RT: 5.860 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



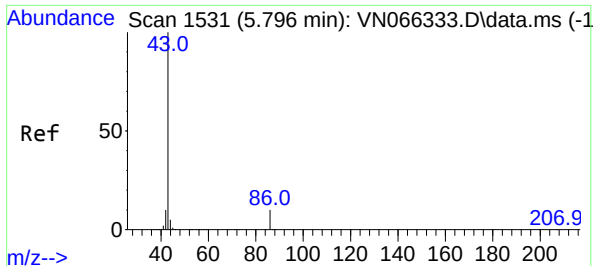
Tgt Ion: 45 Resp: 2674984
Ion Ratio Lower Upper
45 100
43 58.5 48.1 72.1
87 27.4 21.6 32.4
59 11.7 8.9 13.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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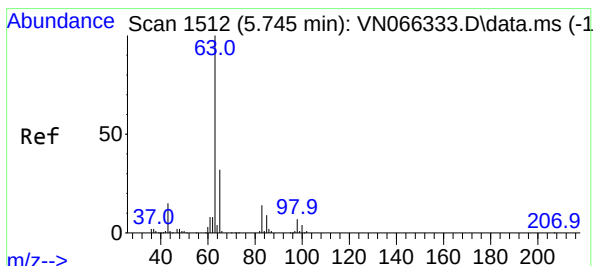
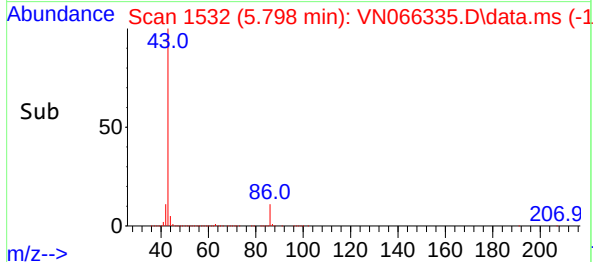
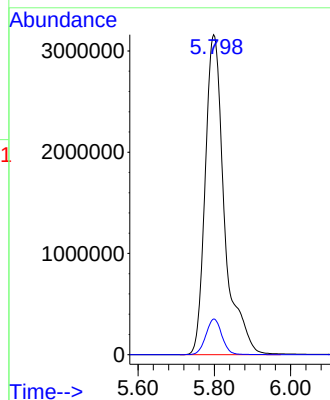
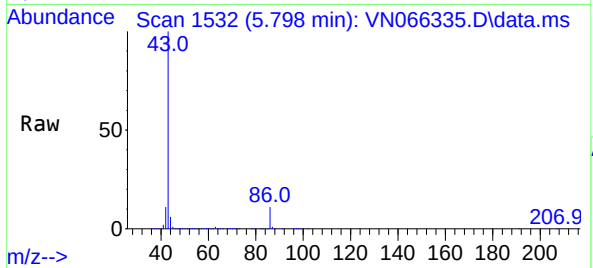
#23
 Vinyl Acetate
 Concen: 452.90 ug/l
 RT: 5.798 min Scan# 1532
 Delta R.T. 0.003 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57

Tgt Ion: 43 Resp: 11076776
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.7 11.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

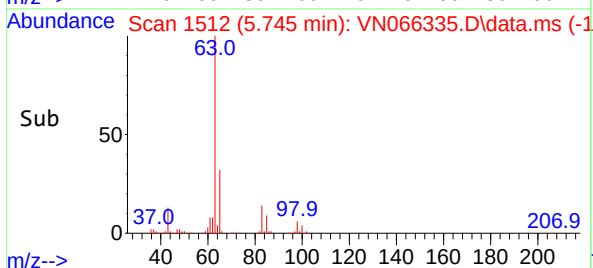
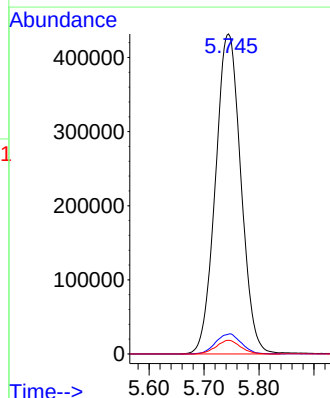
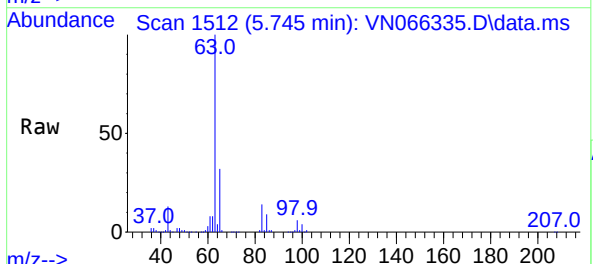
Manual Integrations
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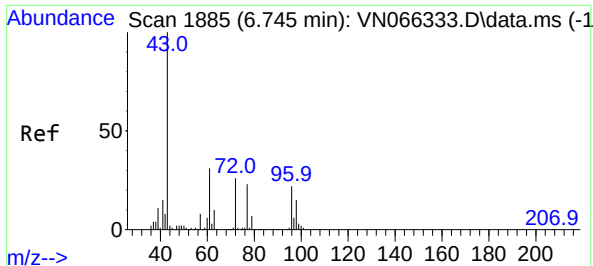
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#24
 1,1-Dichloroethane
 Concen: 104.41 ug/l
 RT: 5.745 min Scan# 1512
 Delta R.T. -0.000 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57

Tgt Ion: 63 Resp: 1388098
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 4.3 2.0 6.0





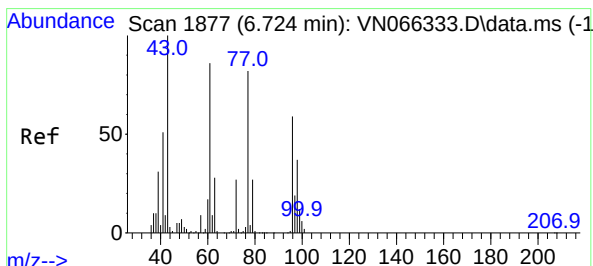
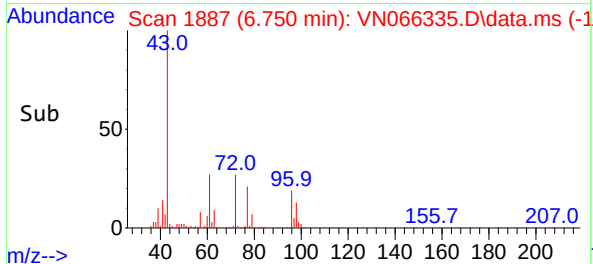
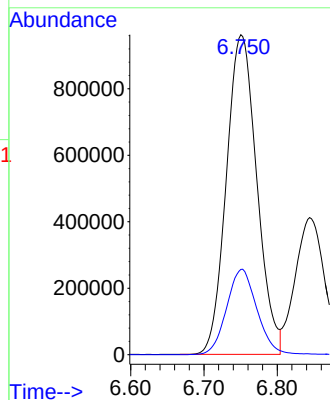
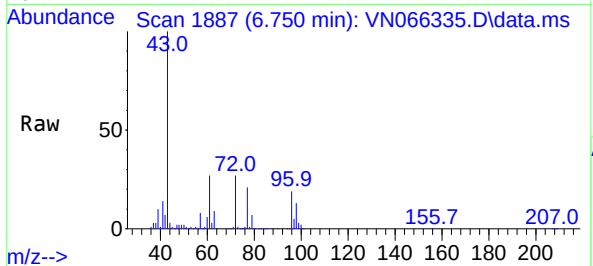
#25
2-Butanone
Concen: 413.85 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 43 Resp: 2781149
Ion Ratio Lower Upper
43 100
72 26.7 20.7 31.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

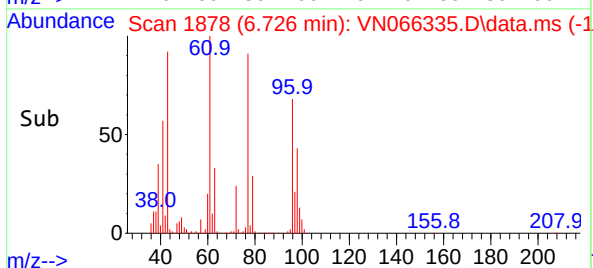
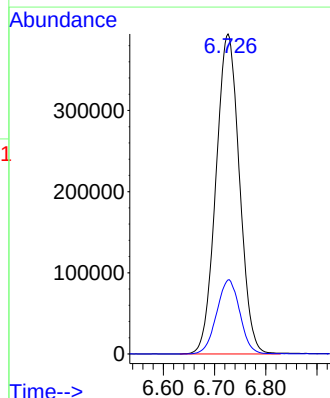
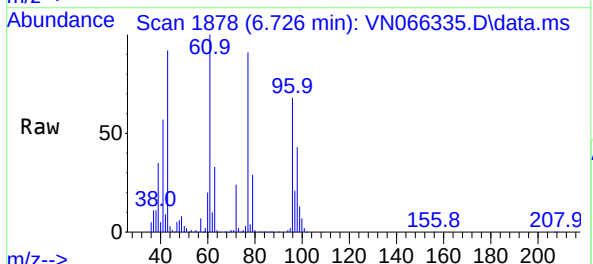
Manual Integrations
APPROVED

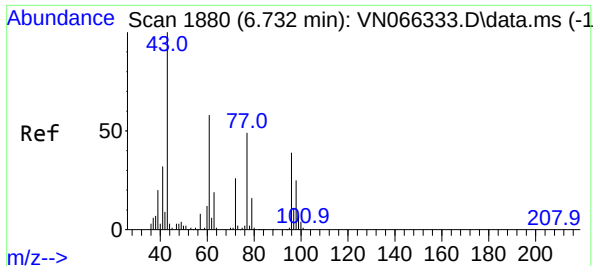
SAM
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#26
2,2-Dichloropropane
Concen: 113.10 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

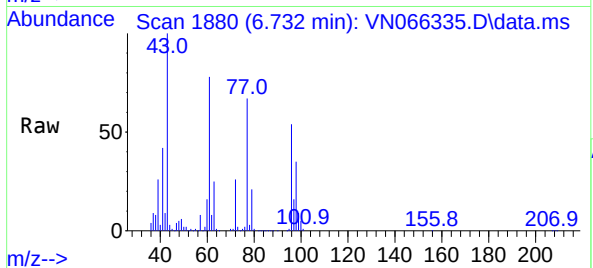
Tgt Ion: 77 Resp: 1255212
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 125.70 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

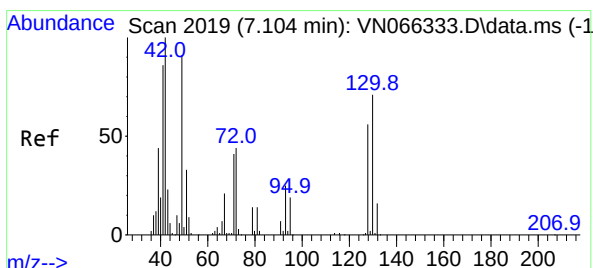
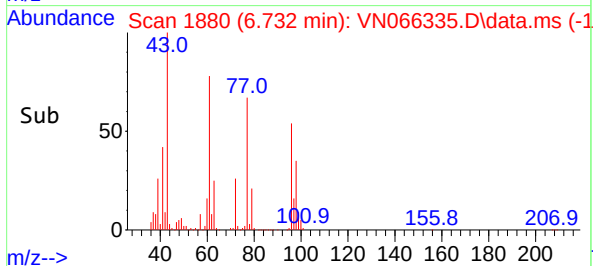
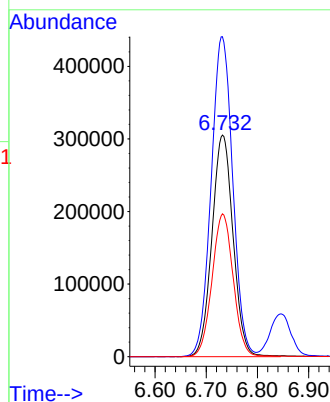
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150



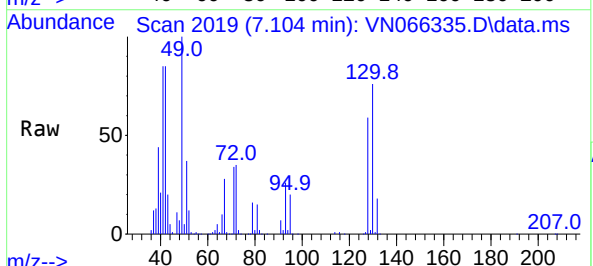
Tgt Ion: 96 Resp: 877834
Ion Ratio Lower Upper
96 100
61 147.2 0.0 296.2
98 64.4 0.0 129.2

Manual Integrations
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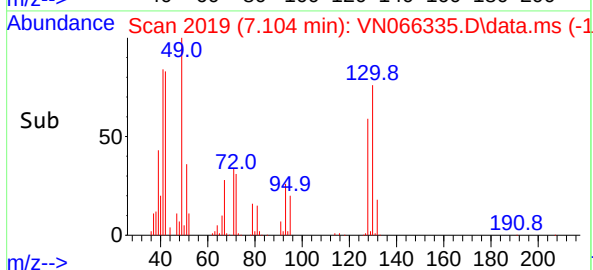
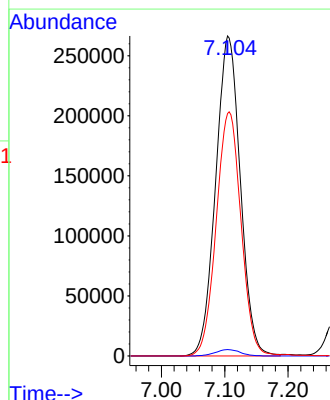
SAM
3/29/2021 5:12:25 PM

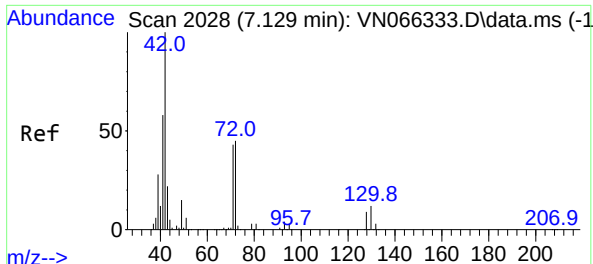


#28
Bromochloromethane
Concen: 94.99 ug/l
RT: 7.104 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 49 Resp: 721133
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.5 61.6 92.4





#29
Tetrahydrofuran
Concen: 410.91 ug/l
RT: 7.131 min Scan# 2029
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

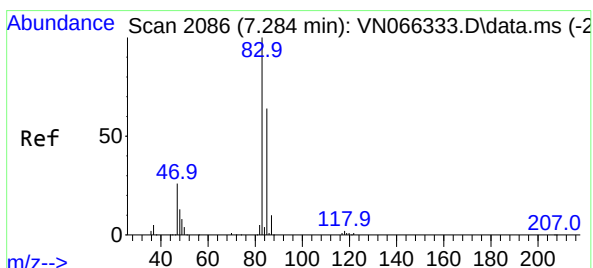
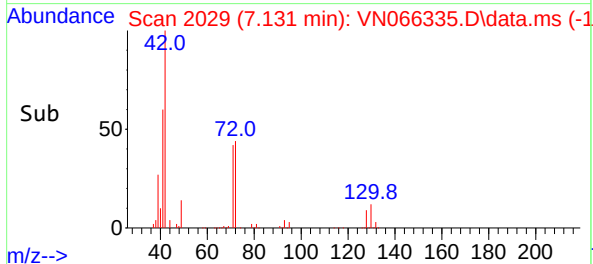
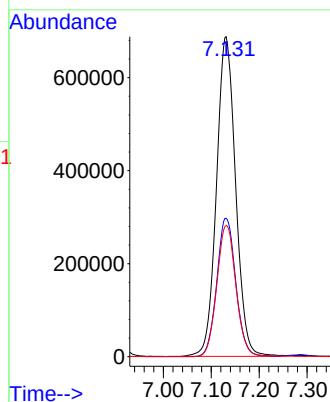
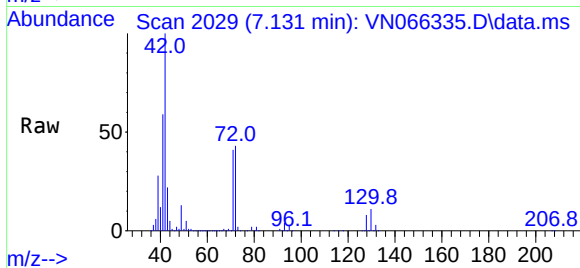
Tgt Ion: 42 Resp: 1904345

Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.2	52.8
71	40.9	33.1	49.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

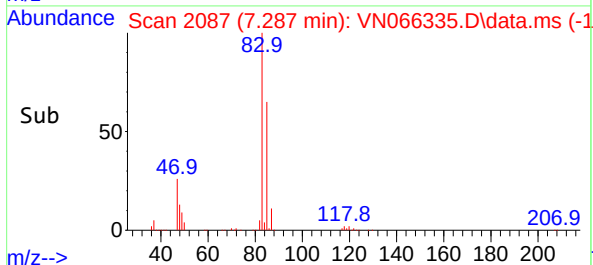
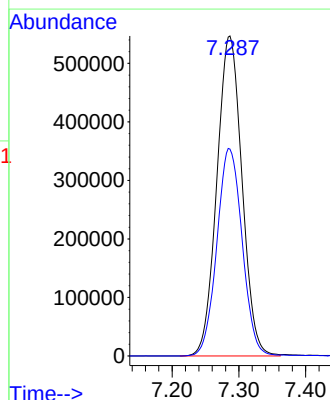
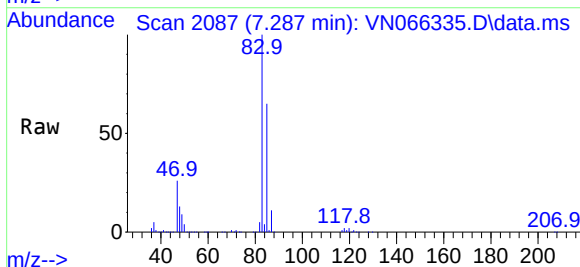
SAM
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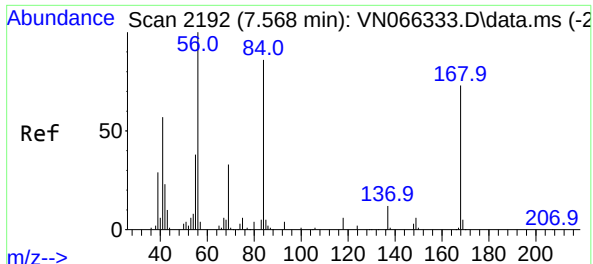


#30
Chloroform
Concen: 118.26 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 83 Resp: 1430749

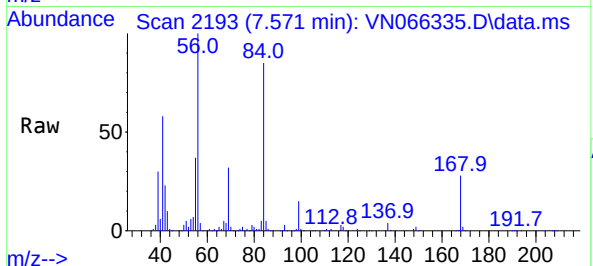
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





#31
Cyclohexane
Concen: 103.13 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

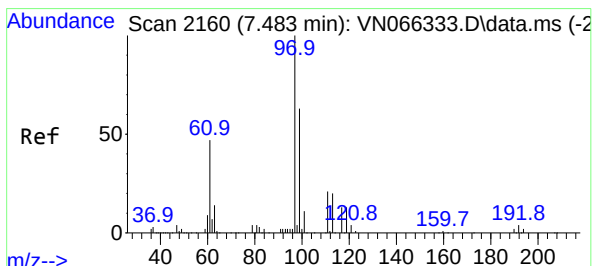
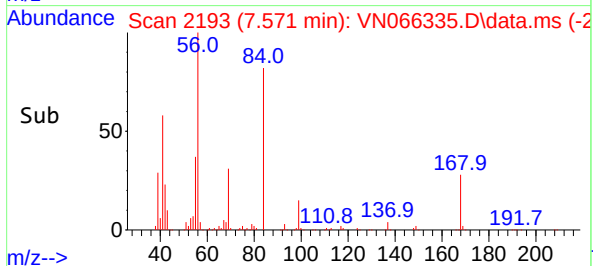
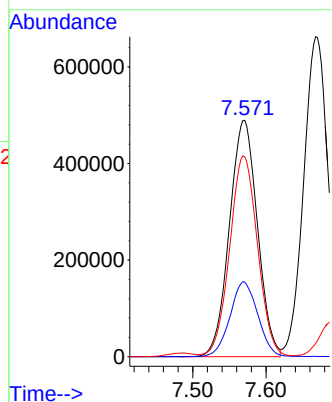


Tgt Ion: 56 Resp: 1300095

Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.6	40.0
84	83.1	68.7	103.1

Manual Integrations
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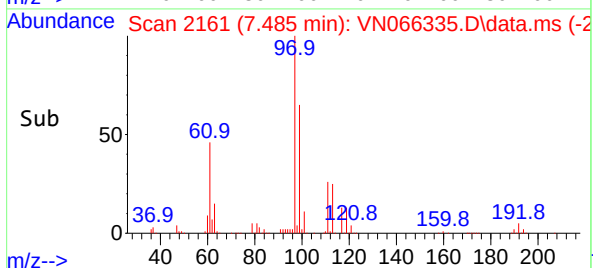
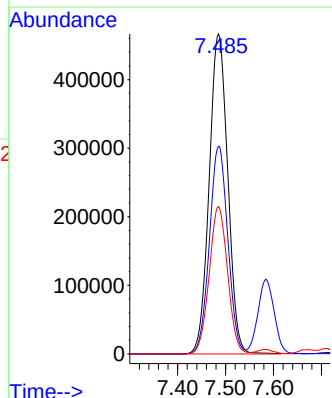
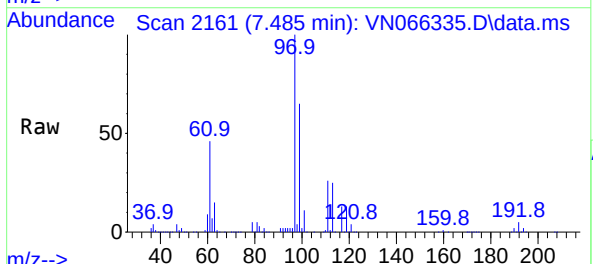
SAM
3/29/2021 5:12:25 PM

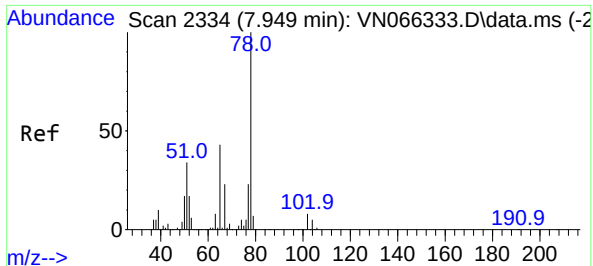


#32
1,1,1-Trichloroethane
Concen: 123.20 ug/l
RT: 7.485 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 97 Resp: 1259619

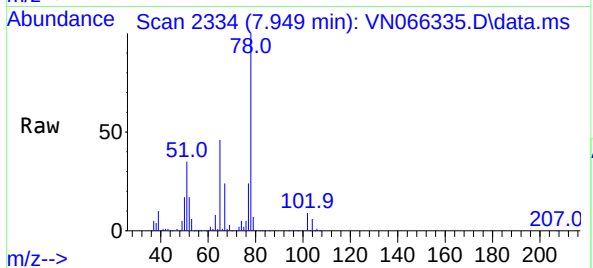
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	45.5	36.9	55.3





#33
1,2-Dichloroethane-d4
Concen: 110.92 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

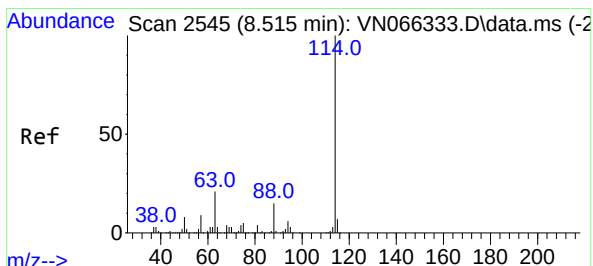
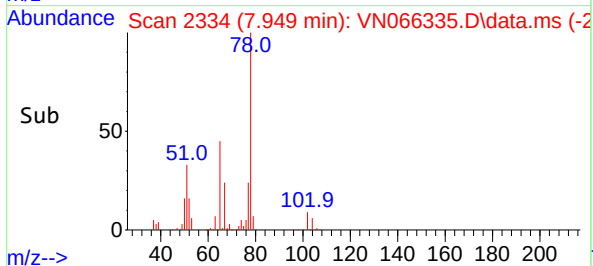
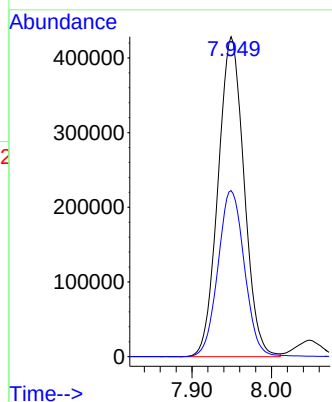
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



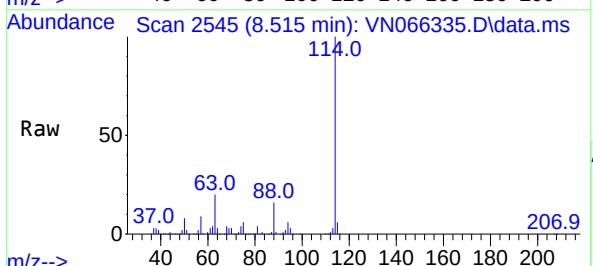
Tgt Ion: 65 Resp: 971646
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

Manual Integrations
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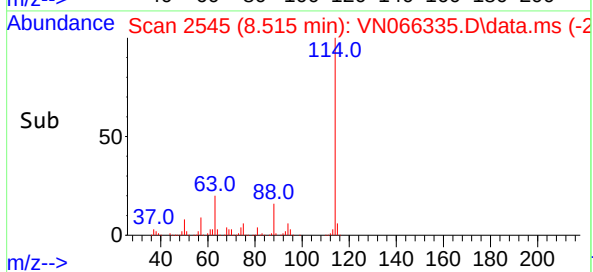
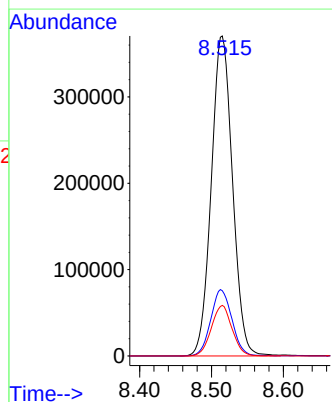
SAM
3/29/2021 5:12:25 PM

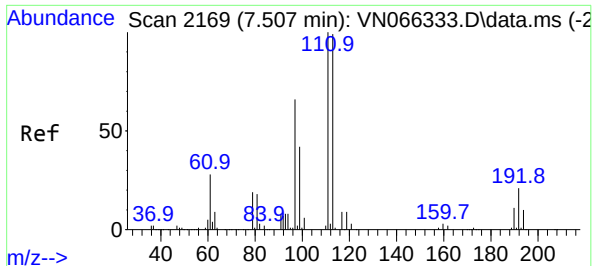


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

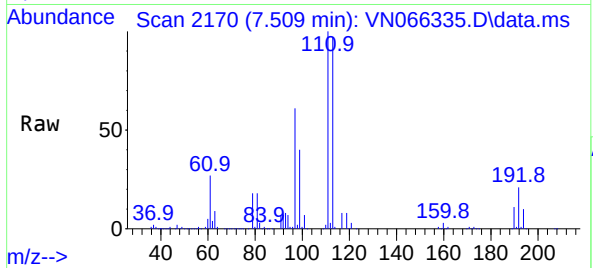


Tgt Ion: 114 Resp: 760411
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.0
88 15.8 0.0 31.0

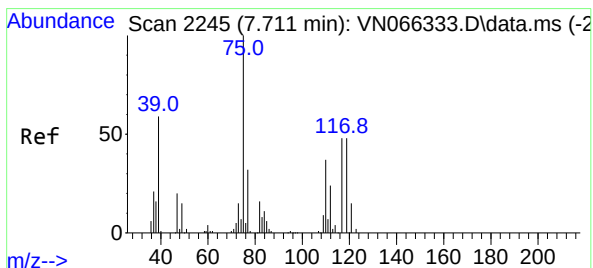
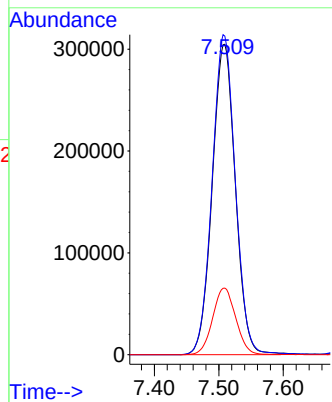
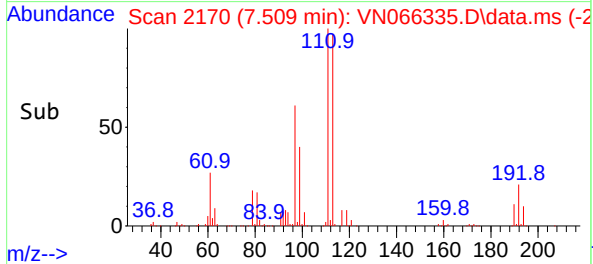




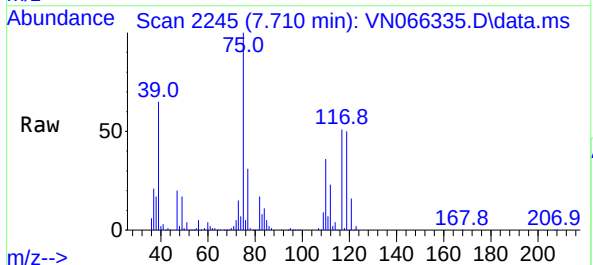
#35
Dibromofluoromethane
Concen: 146.74 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



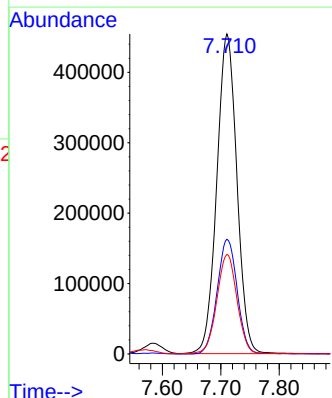
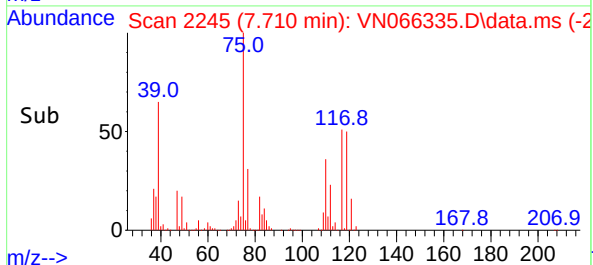
Tgt Ion: 113 Resp: 760307
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 21.5 17.1 25.7



#36
1,1-Dichloropropene
Concen: 129.52 ug/l
RT: 7.710 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



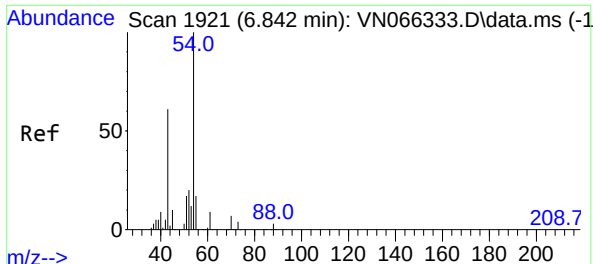
Tgt Ion: 75 Resp: 1084509
Ion Ratio Lower Upper
75 100
110 35.9 18.1 54.3
77 31.2 25.0 37.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

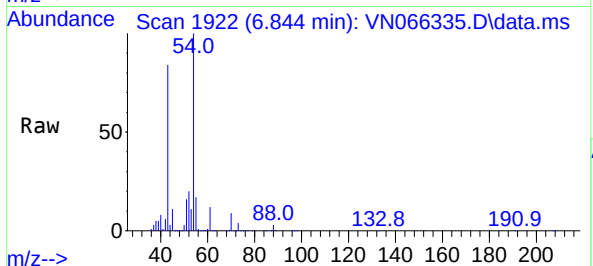
Manual Integrations
APPROVED

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#37
Ethyl Acetate
Concen: 94.62 ug/l
RT: 6.844 min Scan# 1922
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

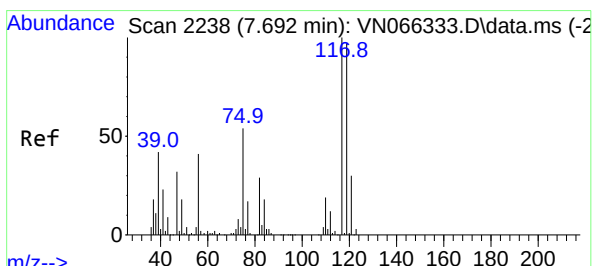
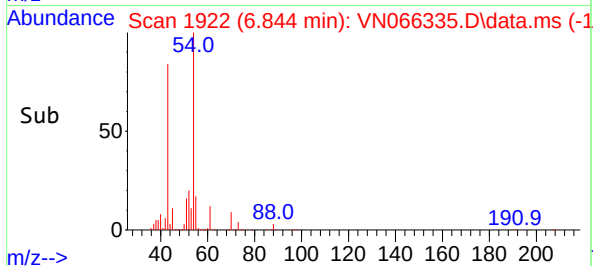
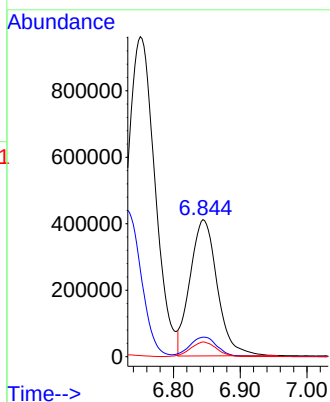


Tgt Ion: 43 Resp: 1164596

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.3	8.0	12.0

Manual Integrations
APPROVED

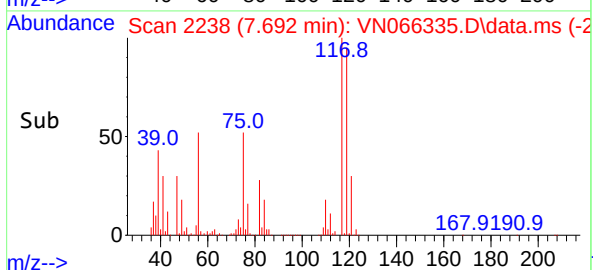
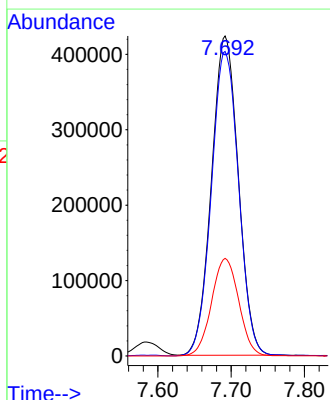
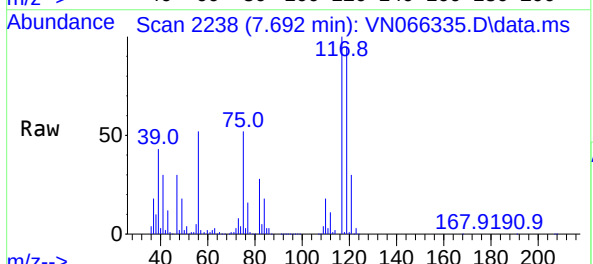
SAM
3/29/2021 5:12:25 PM

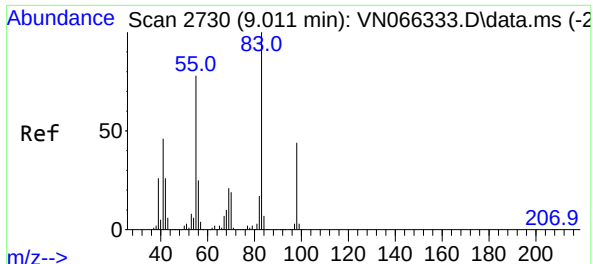


#38
Carbon Tetrachloride
Concen: 145.07 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 117 Resp: 1079224

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.2	115.8
121	30.5	24.2	36.4





#39

Methylcyclohexane

Concen: 147.56 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VN066335.D

Acq: 25 Mar 2021 16:57

Tgt Ion: 83 Resp: 1341110

Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.3	93.5
98	45.0	35.6	53.4

Instrument :

MSVOA_N

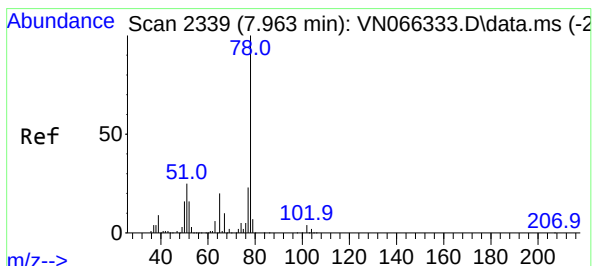
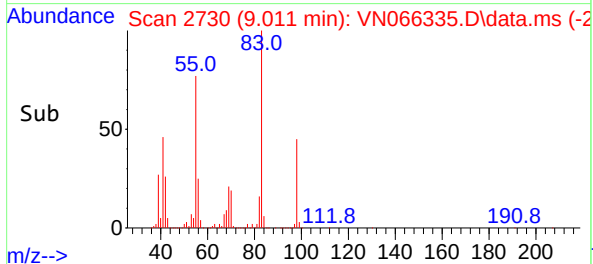
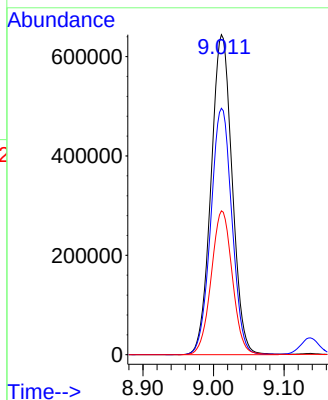
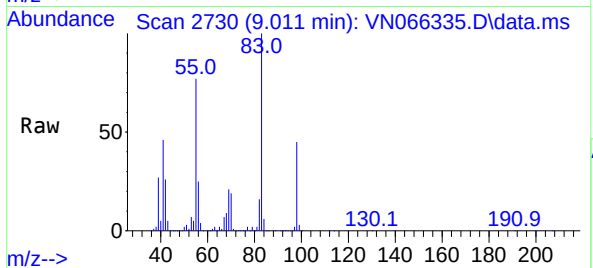
ClientSampleId :

VSTDIC150

Manual Integrations
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#40

Benzene

Concen: 132.10 ug/l

RT: 7.963 min Scan# 2339

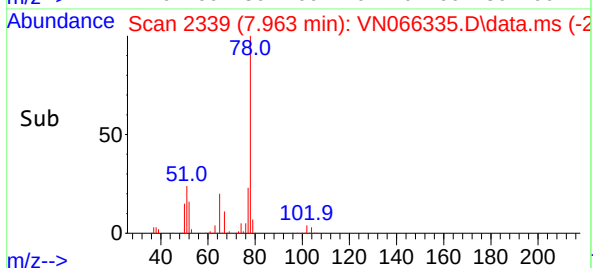
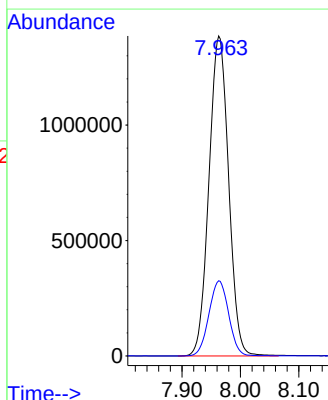
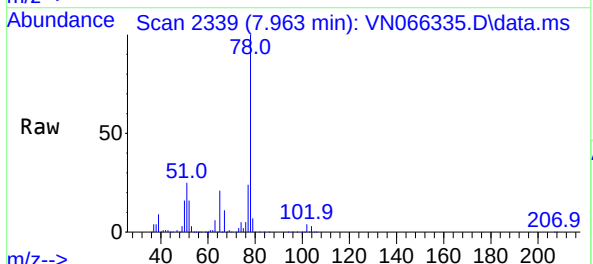
Delta R.T. -0.000 min

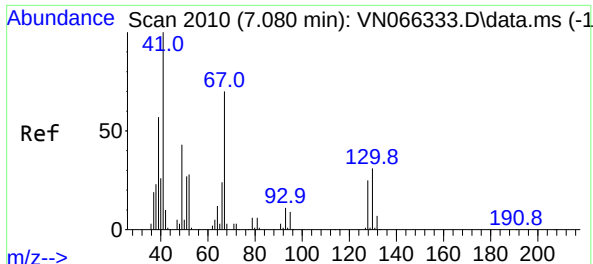
Lab File: VN066335.D

Acq: 25 Mar 2021 16:57

Tgt Ion: 78 Resp: 3239536

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





#41
Methacrylonitrile
Concen: 102.11 ug/l
RT: 7.083 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

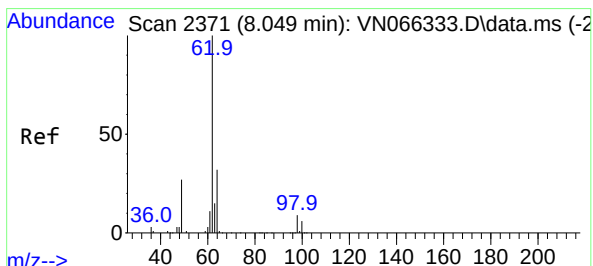
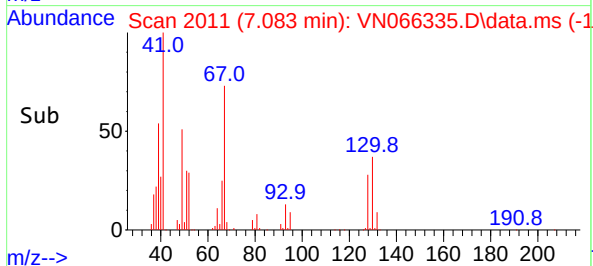
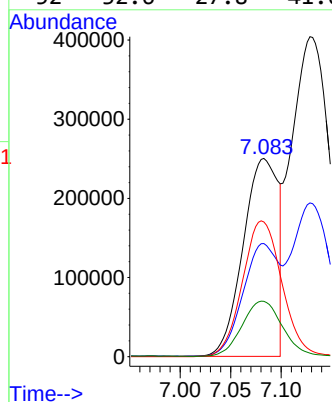
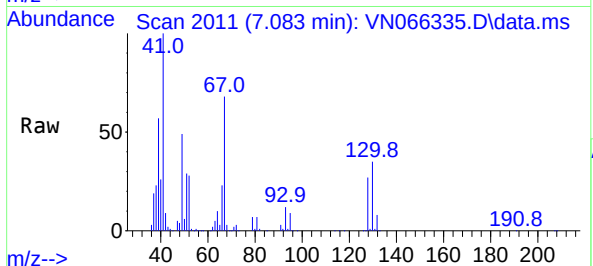
Tgt Ion: 41 Resp: 600075

Ion	Ratio	Lower	Upper
41	100		
39	59.4	51.7	77.5
67	78.3	68.5	102.7
52	32.6	27.8	41.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

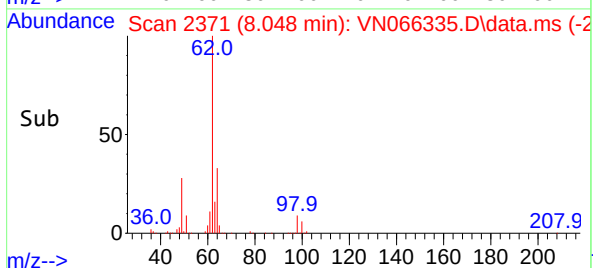
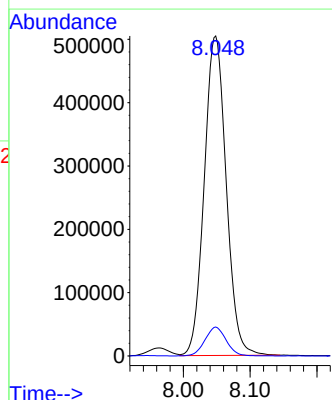
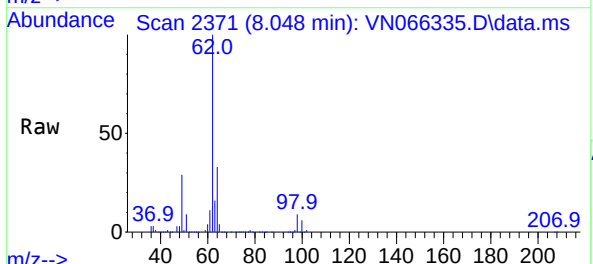
SAM
3/29/2021 5:12:25 PM

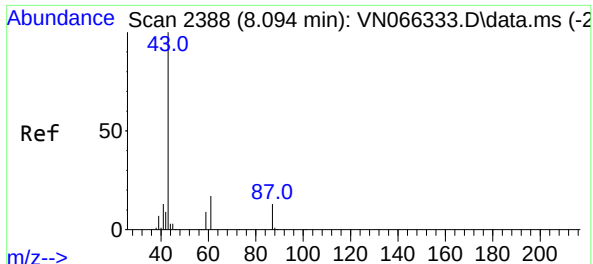


#42
1,2-Dichloroethane
Concen: 117.87 ug/l
RT: 8.048 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 62 Resp: 1153646

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate
Concen: 101.87 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

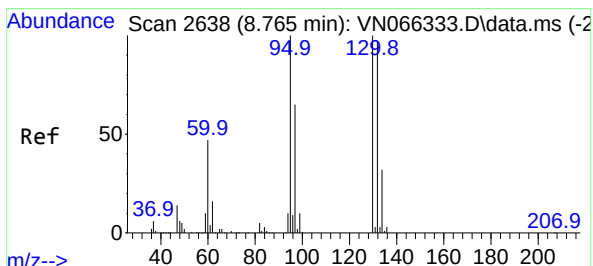
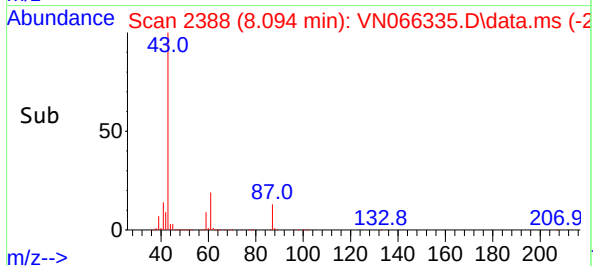
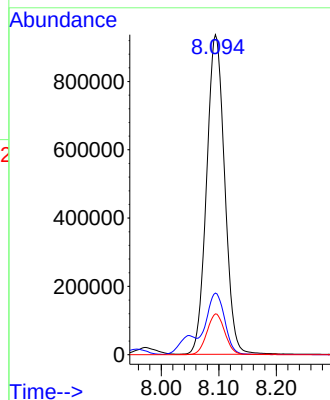
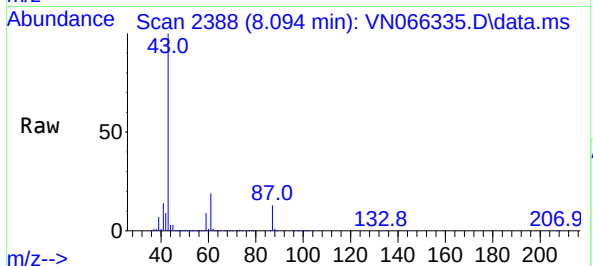
Tgt Ion: 43 Resp: 2038249

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	12.7	10.5	15.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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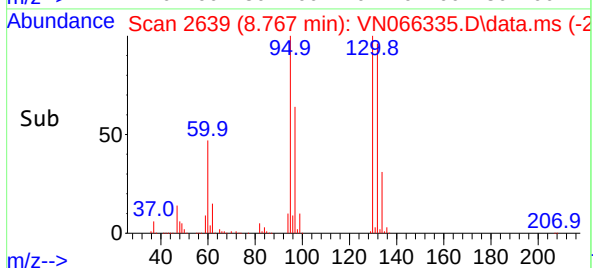
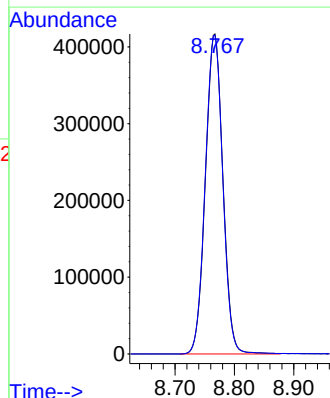
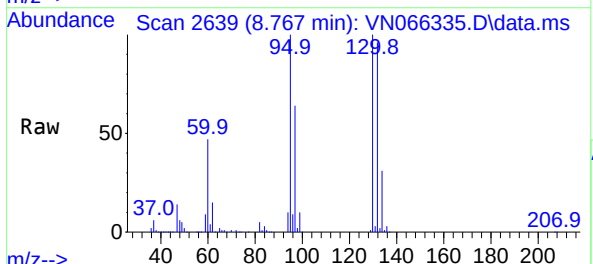


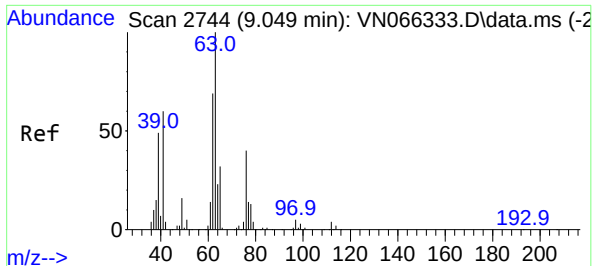
#44

Trichloroethene
Concen: 143.92 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:130 Resp: 851916

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	200.6





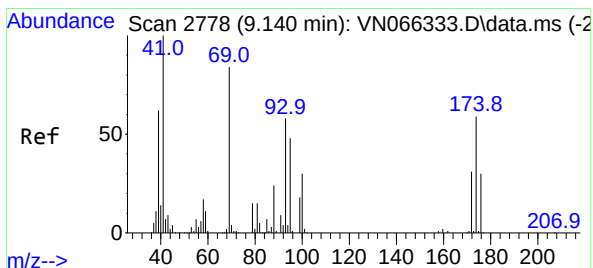
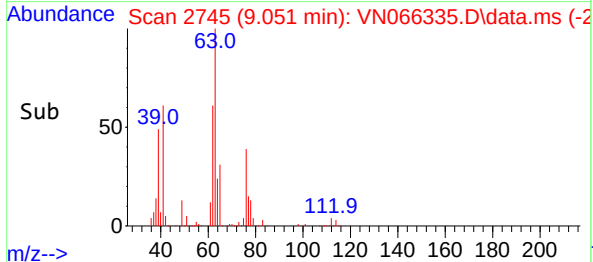
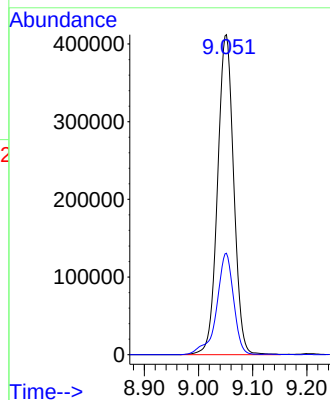
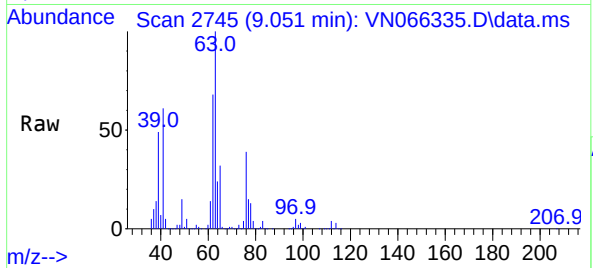
#45
1,2-Dichloropropane
Concen: 117.24 ug/l
RT: 9.051 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 63 Resp: 853236
Ion Ratio Lower Upper
63 100
65 31.7 25.5 38.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

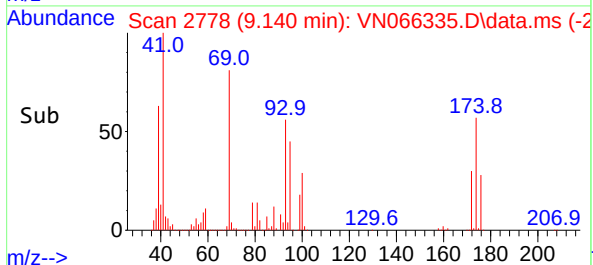
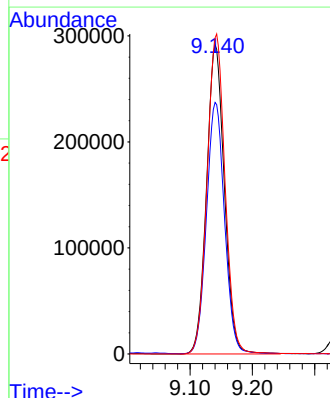
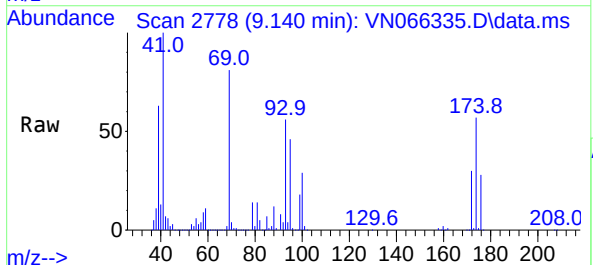
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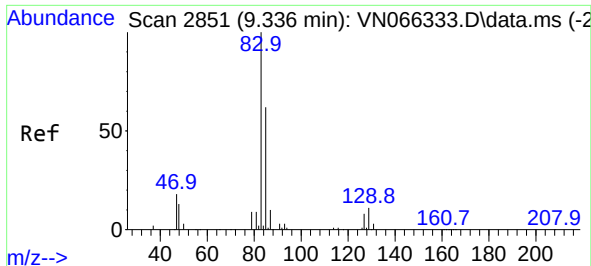
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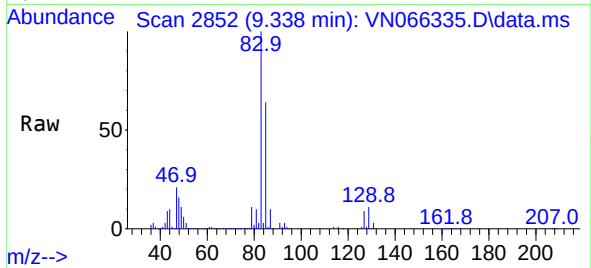
#46
Dibromomethane
Concen: 142.47 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 93 Resp: 579648
Ion Ratio Lower Upper
93 100
95 82.4 66.8 100.2
174 104.4 83.2 124.8



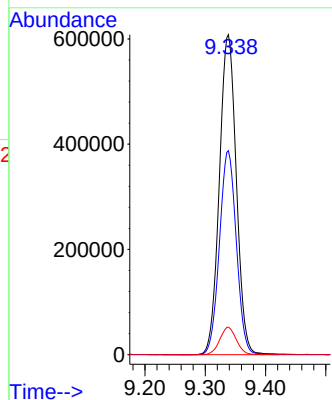


#47
Bromodichloromethane
Concen: 133.37 ug/l
RT: 9.338 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 83 Resp: 1188745

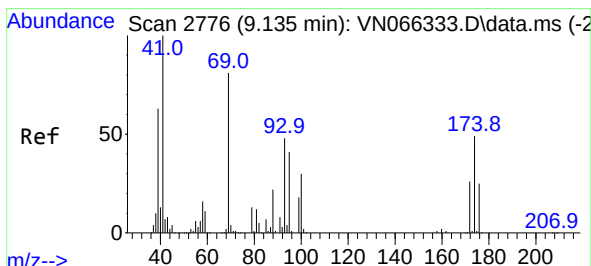
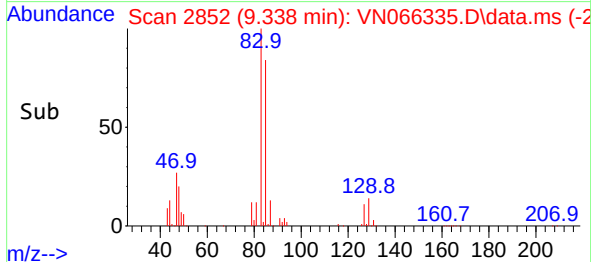
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.4	74.2
127	8.6	6.7	10.1



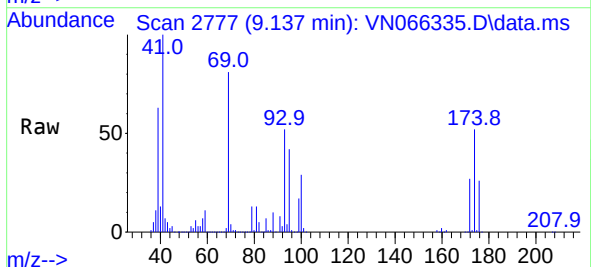
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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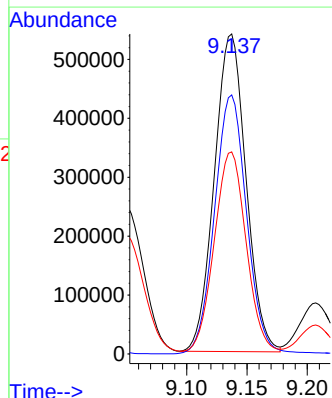
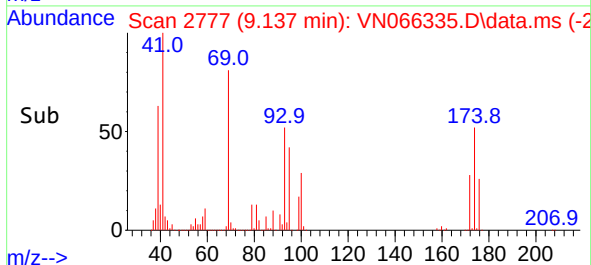


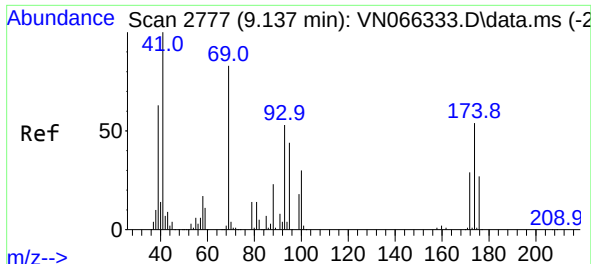
#48
Methyl methacrylate
Concen: 100.87 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 41 Resp: 987192

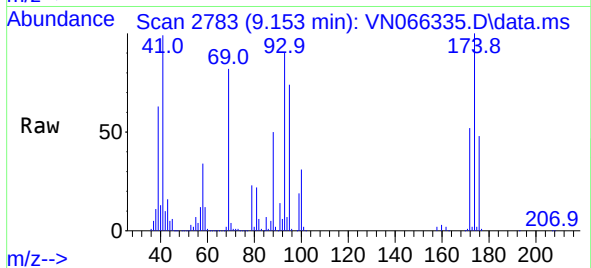
Ion	Ratio	Lower	Upper
41	100		
69	82.5	66.2	99.4
39	64.4	51.5	77.3





#49
1,4-Dioxane
Concen: 2369.24 ug/l
RT: 9.153 min Scan# 2783
Delta R.T. 0.016 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

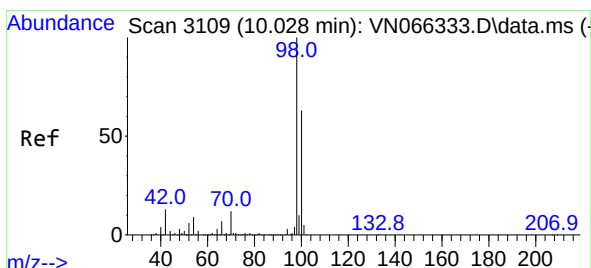
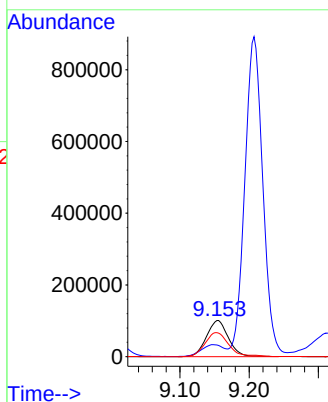
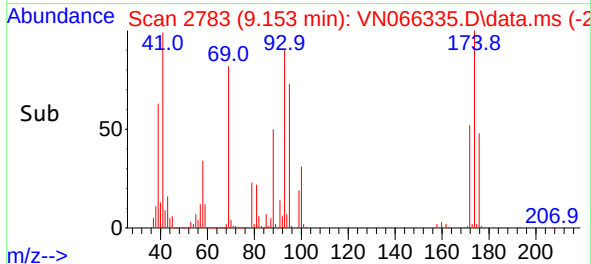
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



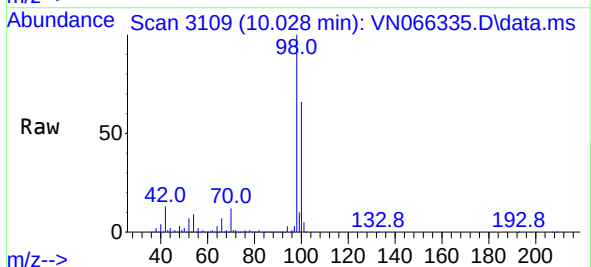
Tgt Ion: 88 Resp: 222572
Ion Ratio Lower Upper
88 100
43 34.0 28.2 42.4
58 70.5 56.6 84.8

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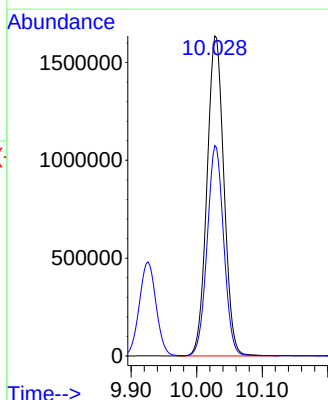
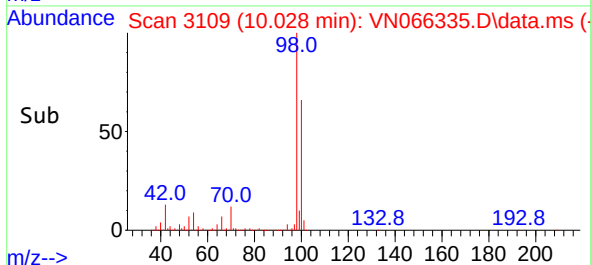
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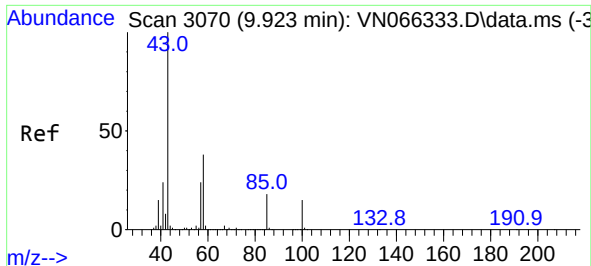


#50
Toluene-d8
Concen: 144.14 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



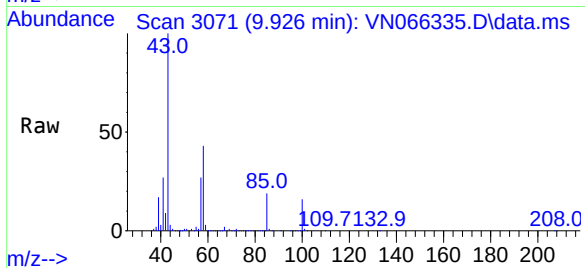
Tgt Ion: 98 Resp: 2930002
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 471.21 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

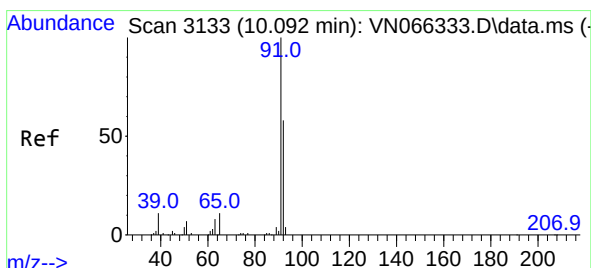
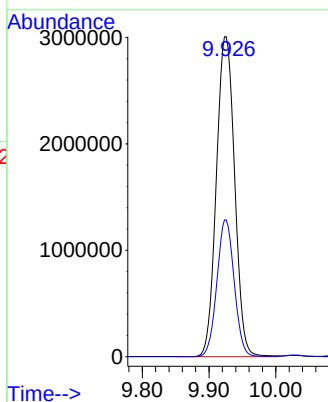
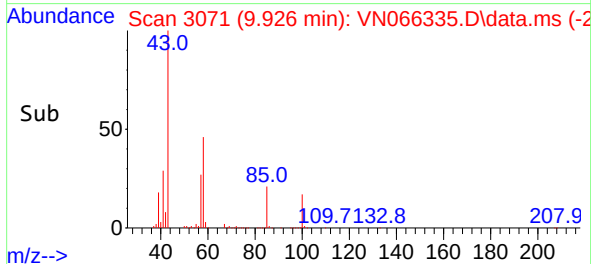
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



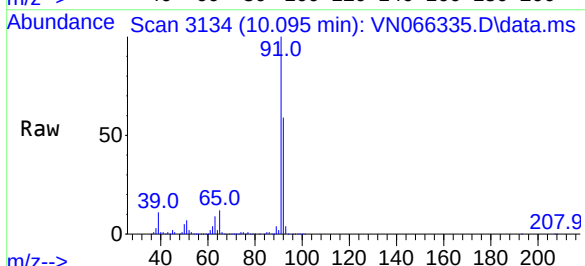
Tgt Ion: 43 Resp: 5715042
Ion Ratio Lower Upper
43 100
58 40.5 30.8 46.2

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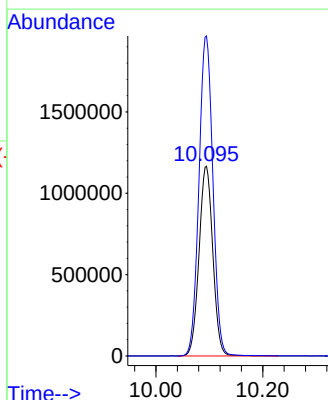
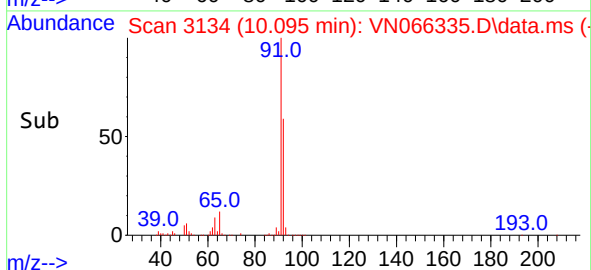
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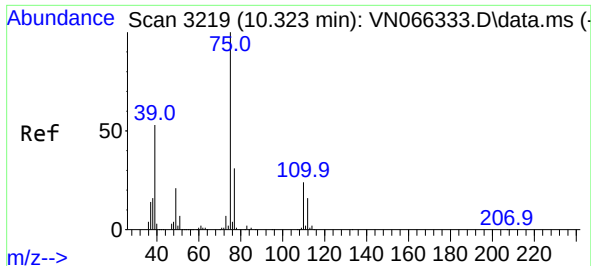


#52
Toluene
Concen: 142.68 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 92 Resp: 2086591
Ion Ratio Lower Upper
92 100
91 171.1 138.8 208.2





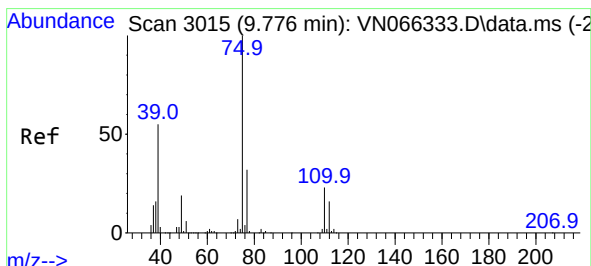
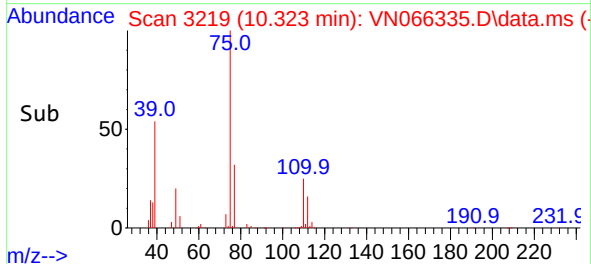
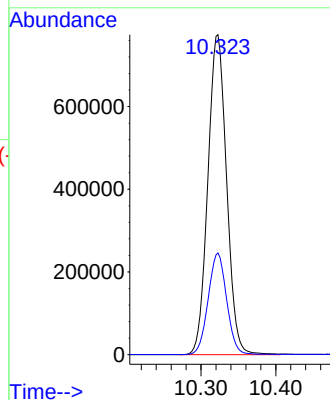
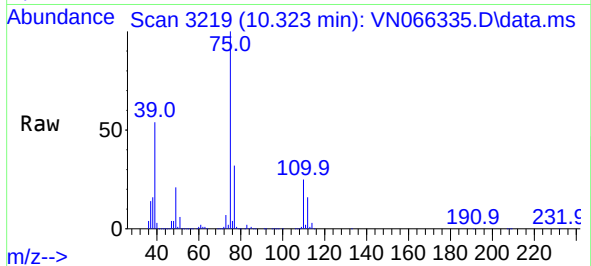
#53
 t-1,3-Dichloropropene
 Concen: 129.66 ug/l
 RT: 10.323 min Scan# 3219
 Delta R.T. -0.000 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57

Tgt Ion: 75 Resp: 1349107
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

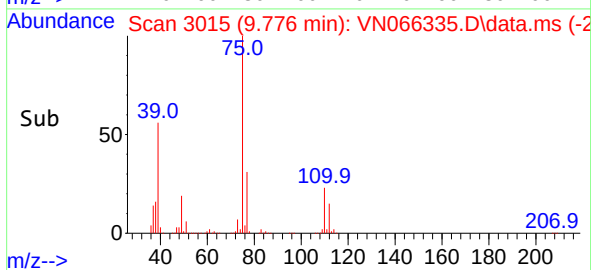
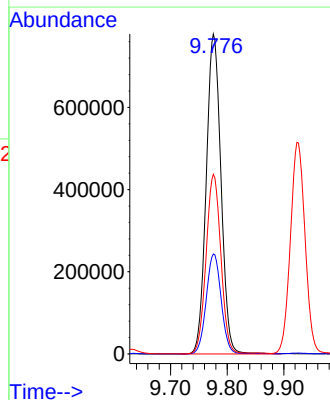
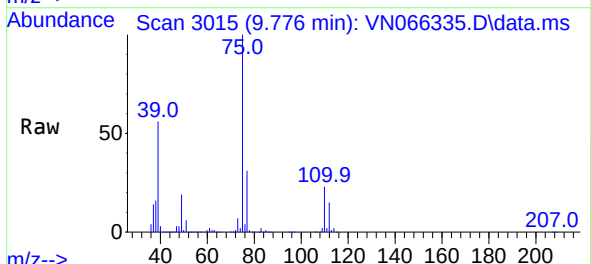
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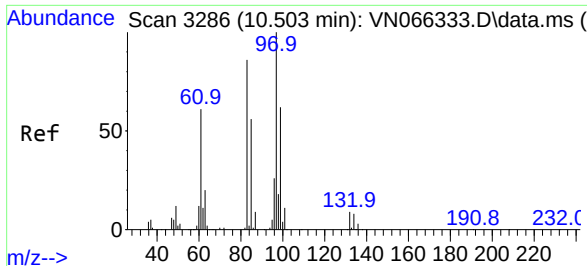
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#54
 cis-1,3-Dichloropropene
 Concen: 126.04 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. -0.000 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57

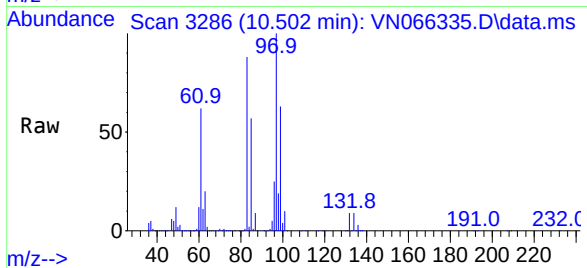
Tgt Ion: 75 Resp: 1410006
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 56.1 44.2 66.4





#55
1,1,2-Trichloroethane
Concen: 142.27 ug/l
RT: 10.502 min Scan# 3286
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

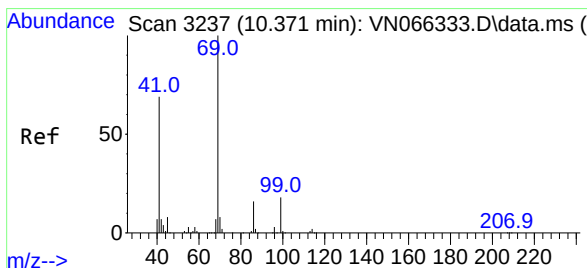
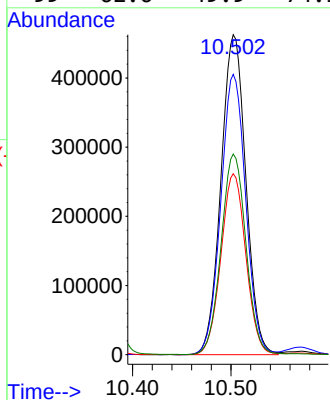


Tgt Ion: 97 Resp: 814693

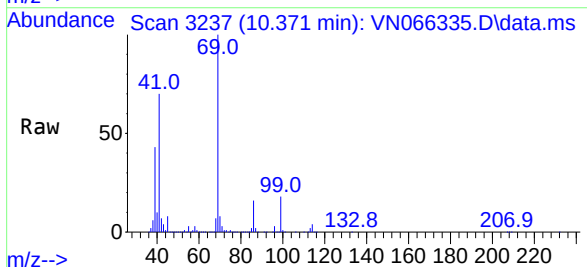
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.9	103.3
85	56.5	45.1	67.7
99	62.6	49.9	74.9

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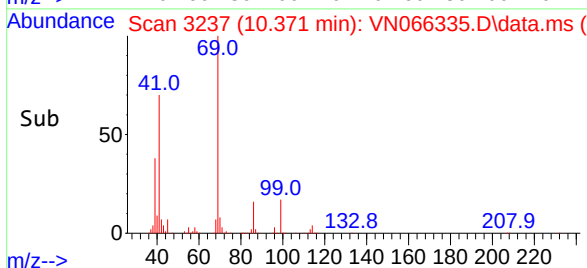
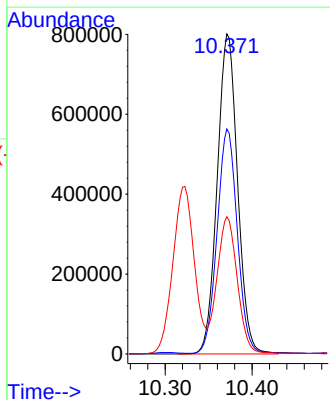


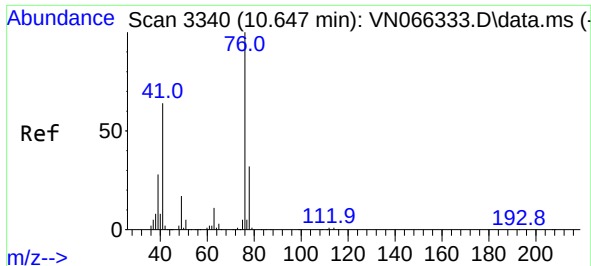
#56
Ethyl methacrylate
Concen: 133.01 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



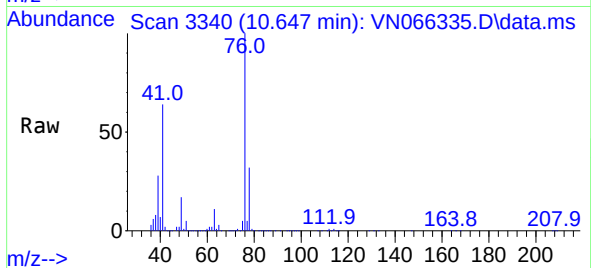
Tgt Ion: 69 Resp: 1304104

Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.3	82.9
39	42.8	33.8	50.6

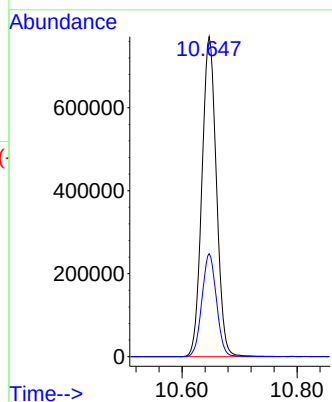
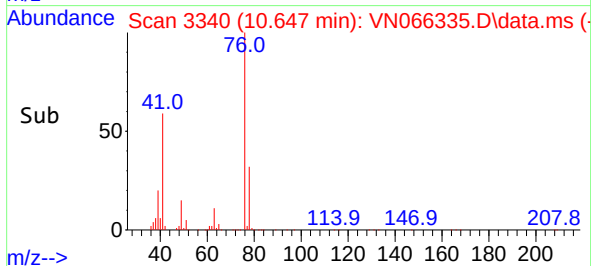




#57
1,3-Dichloropropane
Concen: 125.10 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



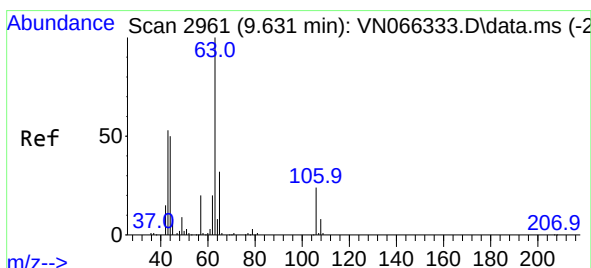
Tgt Ion: 76 Resp: 1350301
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9



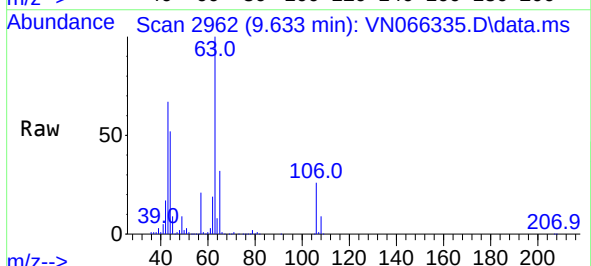
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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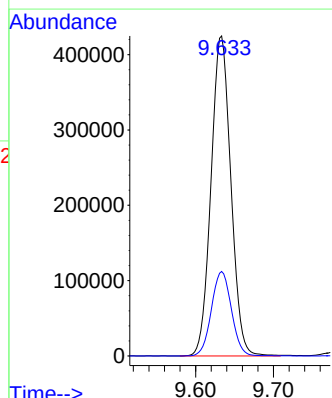
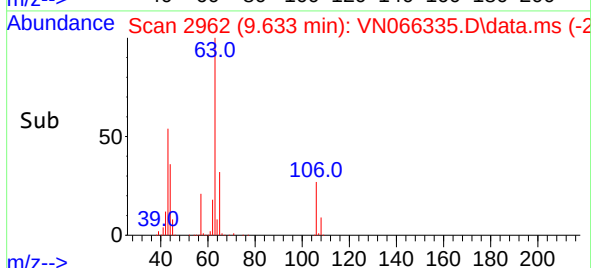
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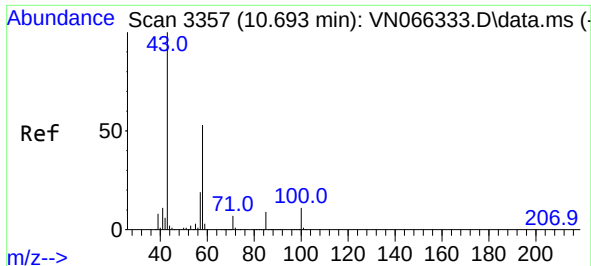


#58
2-Chloroethyl Vinyl ether
Concen: 246.80 ug/l
RT: 9.633 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

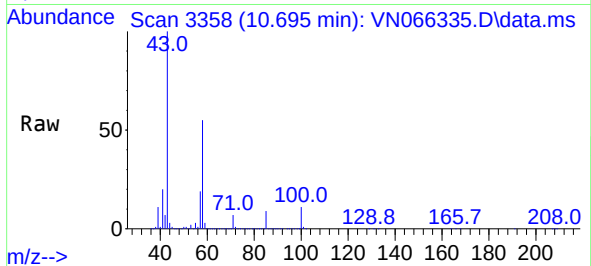


Tgt Ion: 63 Resp: 750982
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4

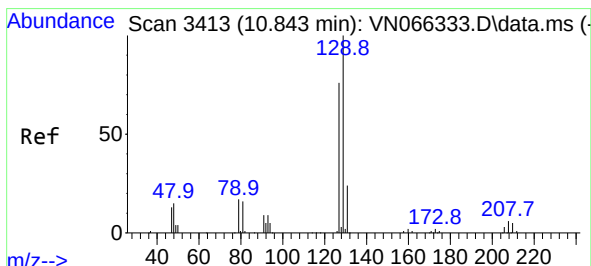
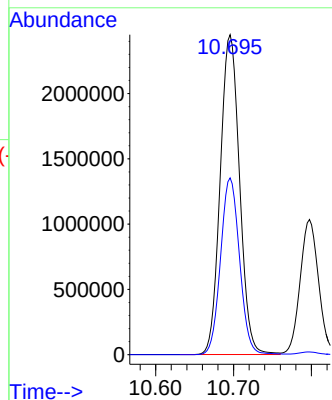
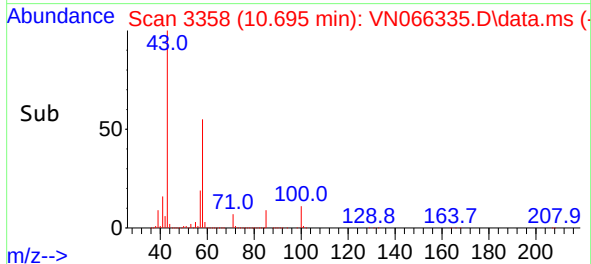




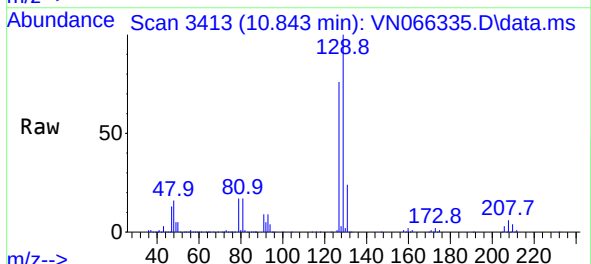
#59
2-Hexanone
Concen: 486.11 ug/l
RT: 10.695 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



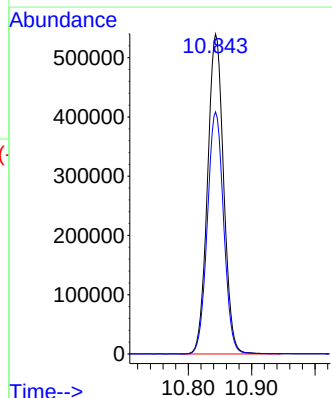
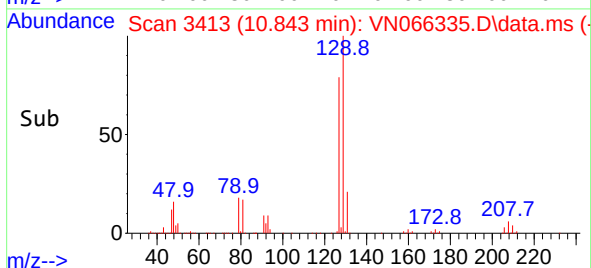
Tgt Ion: 43 Resp: 4214375
Ion Ratio Lower Upper
43 100
58 54.3 26.6 79.8



#60
Dibromochloromethane
Concen: 156.48 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



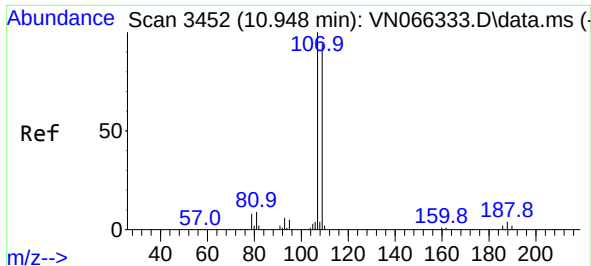
Tgt Ion: 129 Resp: 952736
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

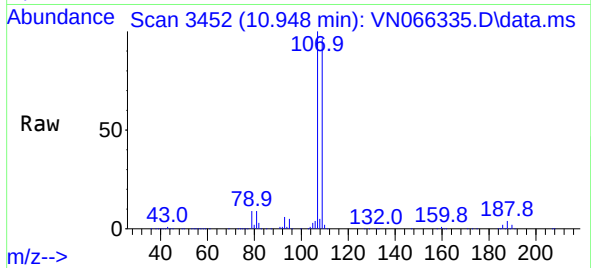
Manual Integrations
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#61
1,2-Dibromoethane
Concen: 145.53 ug/l
RT: 10.948 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

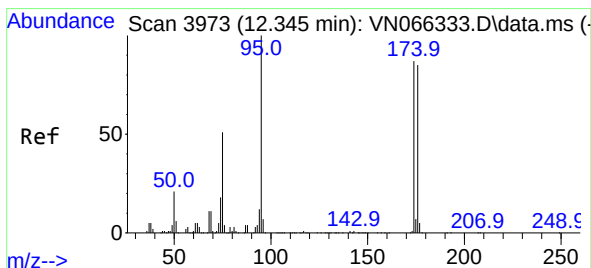
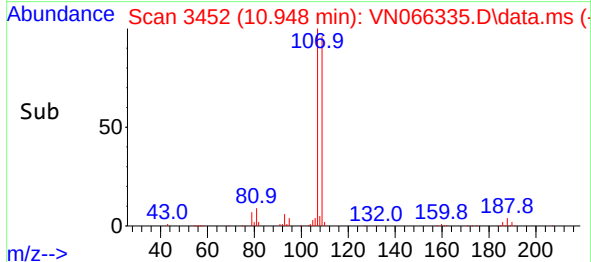
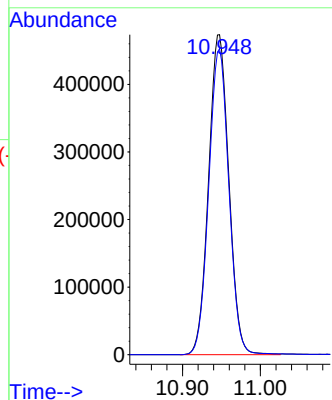
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



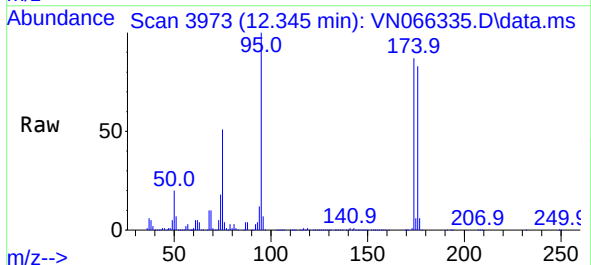
Tgt Ion:107 Resp: 855123
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

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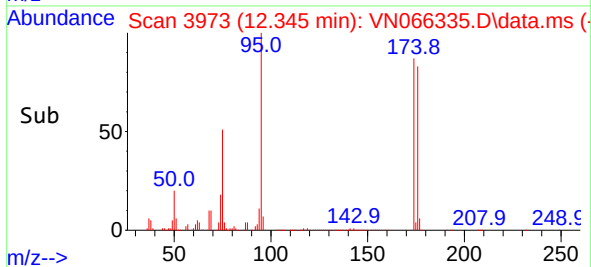
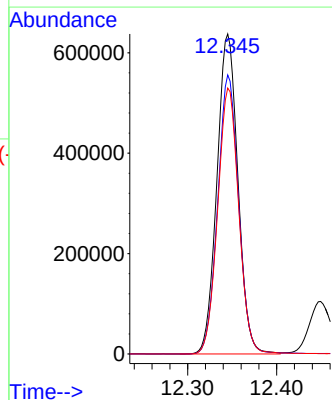
SAM
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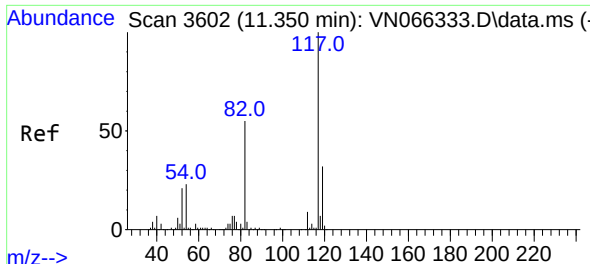


#62
4-Bromofluorobenzene
Concen: 139.25 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



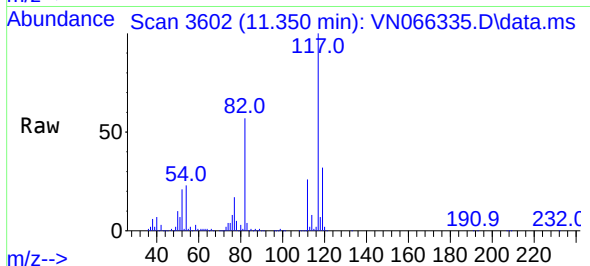
Tgt Ion: 95 Resp: 1045054
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.2
176 83.8 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

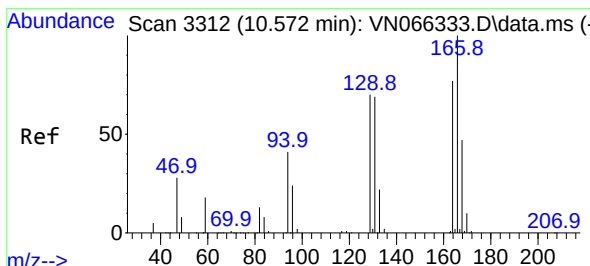
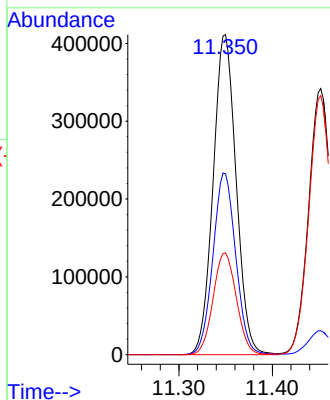
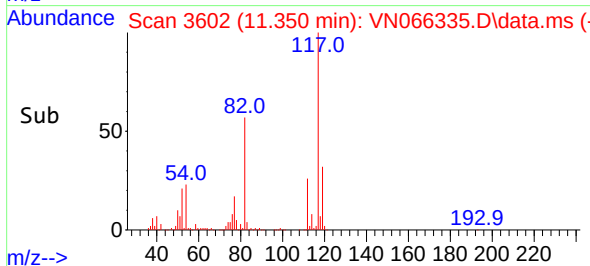
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



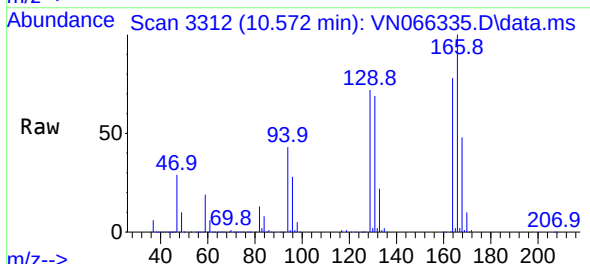
Tgt Ion:117 Resp: 705023
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 31.8 25.8 38.6

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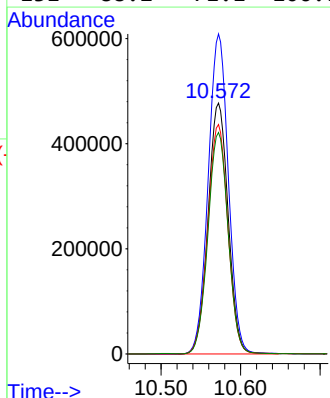
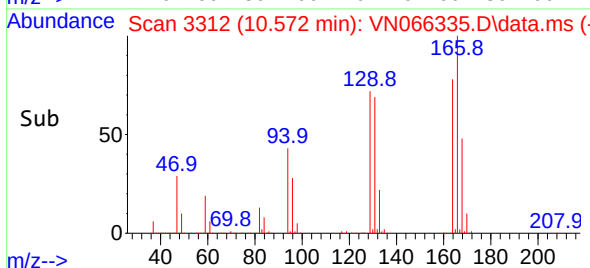
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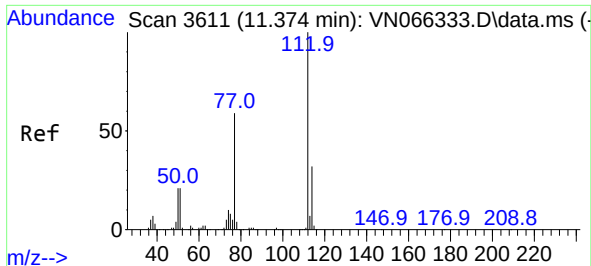


#64
Tetrachloroethene
Concen: 144.35 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion:164 Resp: 839624
Ion Ratio Lower Upper
164 100
166 127.6 103.3 154.9
129 91.5 72.5 108.7
131 88.2 71.1 106.7





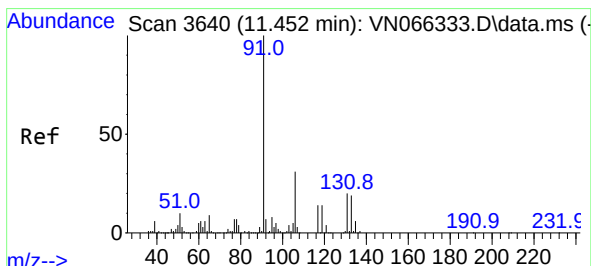
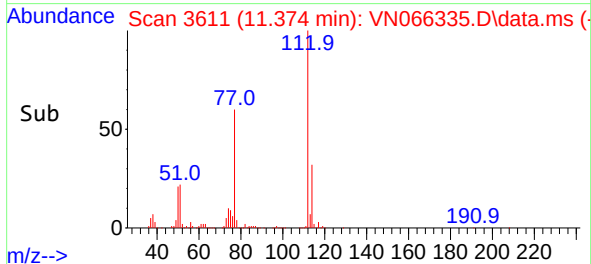
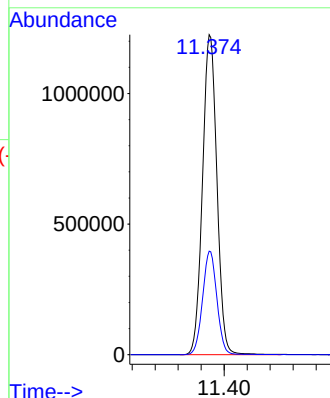
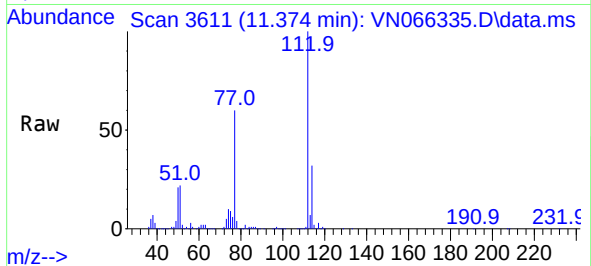
#65
Chlorobenzene
Concen: 144.85 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:112 Resp: 2129029
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

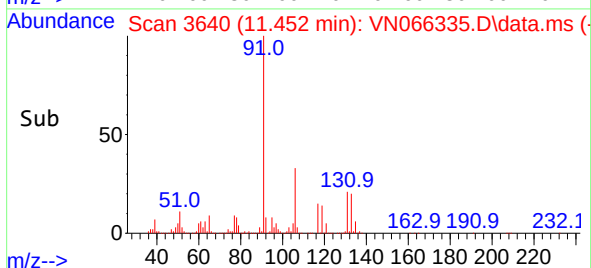
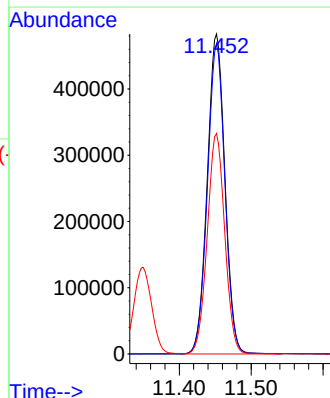
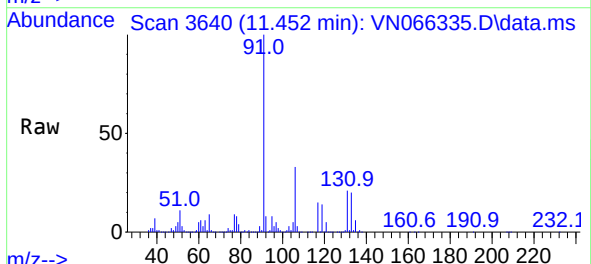
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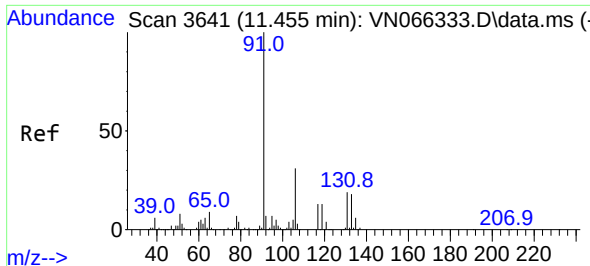
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#66
1,1,1,2-Tetrachloroethane
Concen: 151.33 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:131 Resp: 828312
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 68.0 33.6 100.6





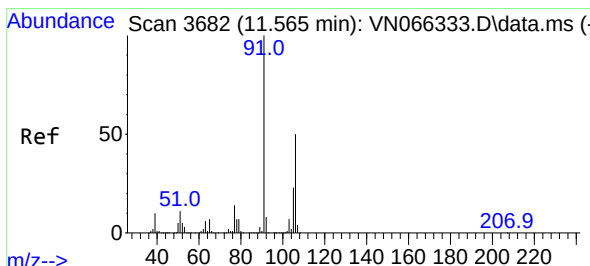
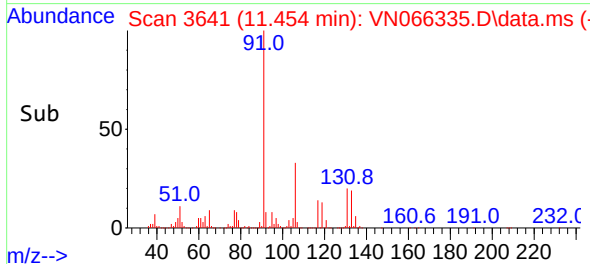
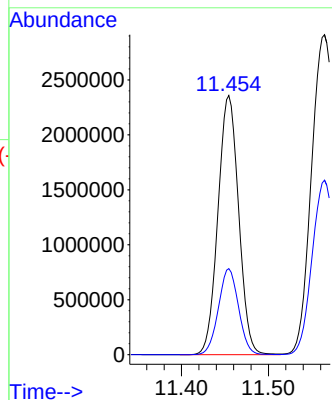
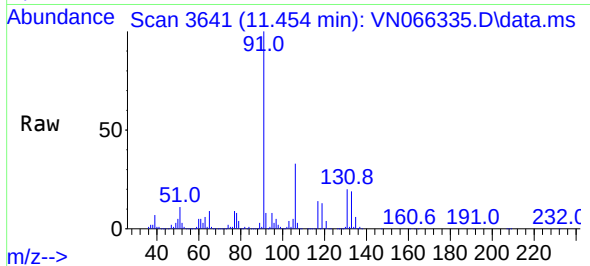
#67
Ethyl Benzene
Concen: 142.09 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 91 Resp: 3895824
Ion Ratio Lower Upper
91 100
106 33.2 24.7 37.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

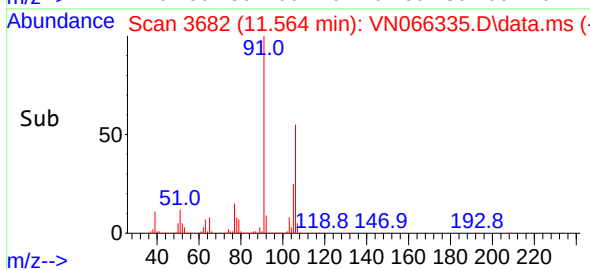
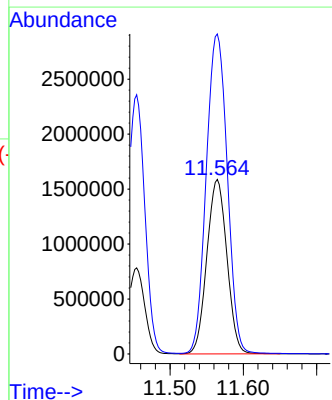
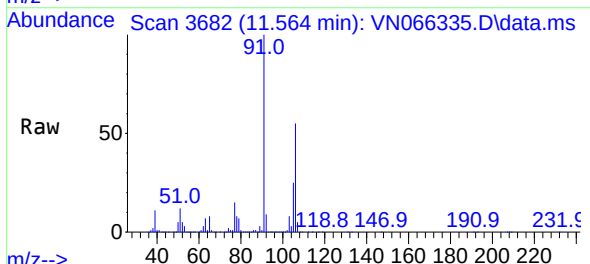
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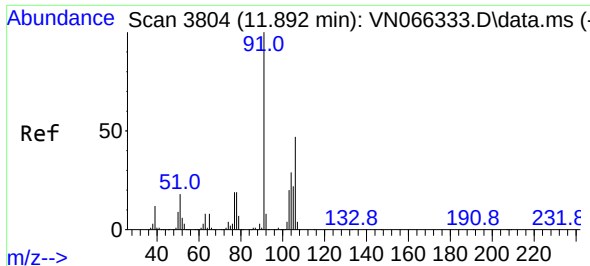
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#68
m/p-Xylenes
Concen: 302.12 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:106 Resp: 3011481
Ion Ratio Lower Upper
106 100
91 192.5 162.7 244.1





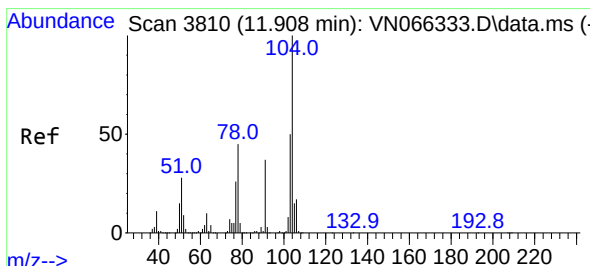
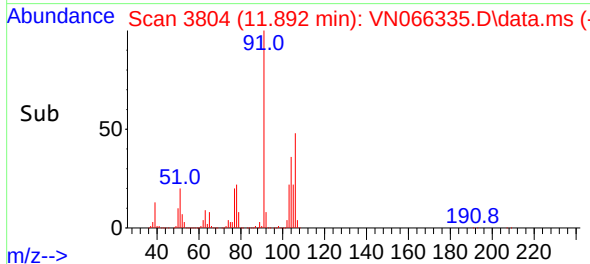
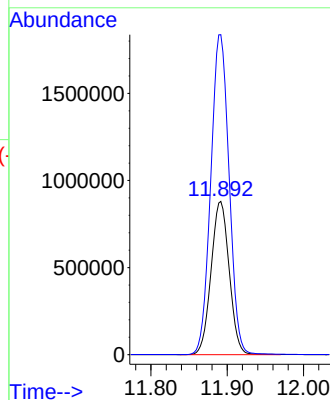
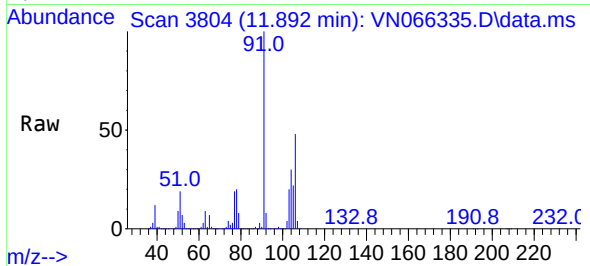
#69
o-Xylene
Concen: 151.48 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:106 Resp: 1450399
Ion Ratio Lower Upper
106 100
91 211.6 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

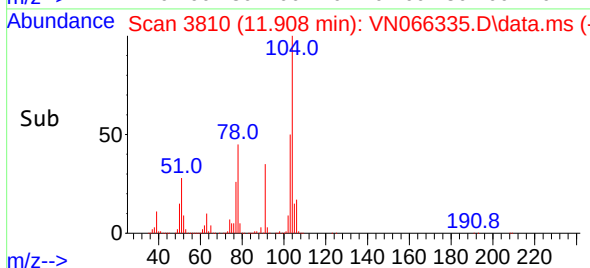
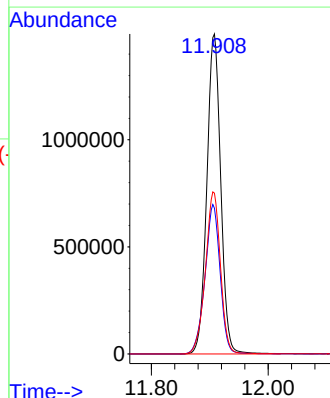
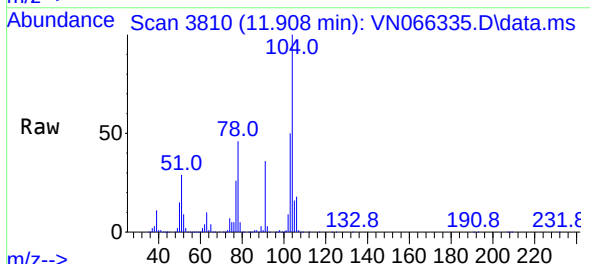
Manual Integrations
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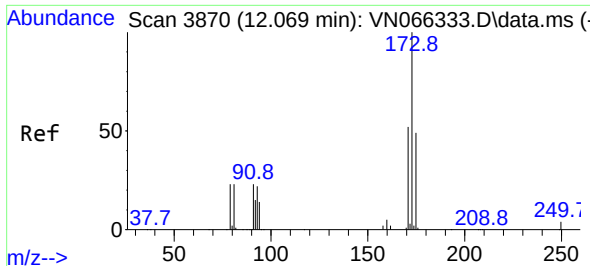
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#70
Styrene
Concen: 157.54 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:104 Resp: 2474046
Ion Ratio Lower Upper
104 100
78 50.8 40.7 61.1
103 54.8 44.2 66.2





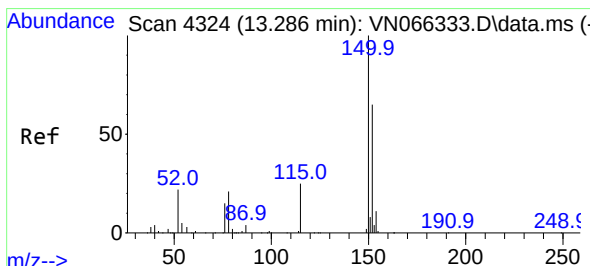
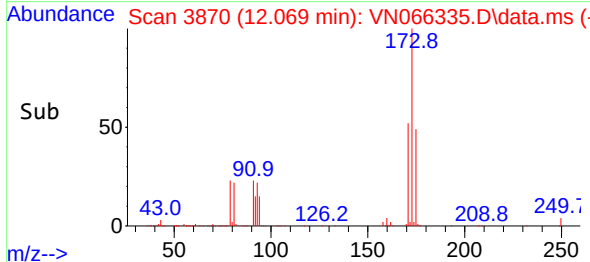
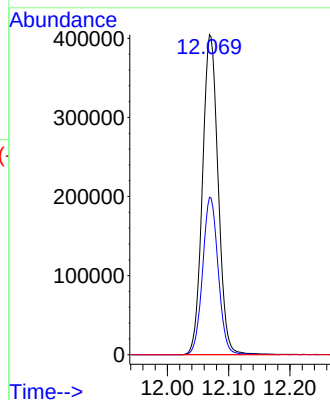
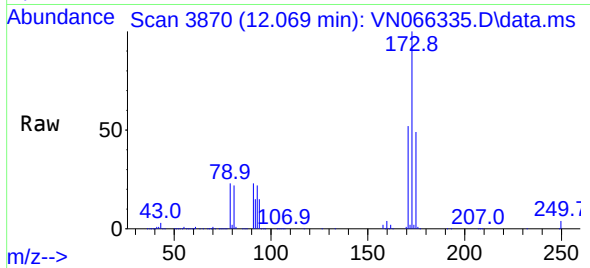
#71
Bromoform
Concen: 170.59 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:173 Resp: 719866
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

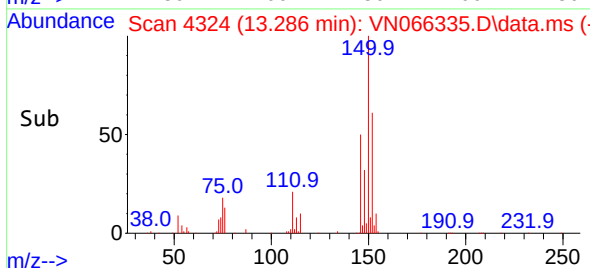
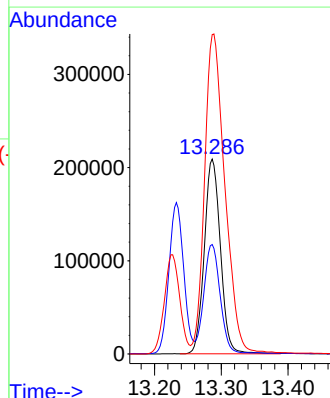
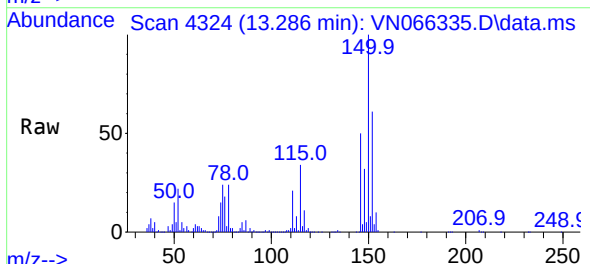
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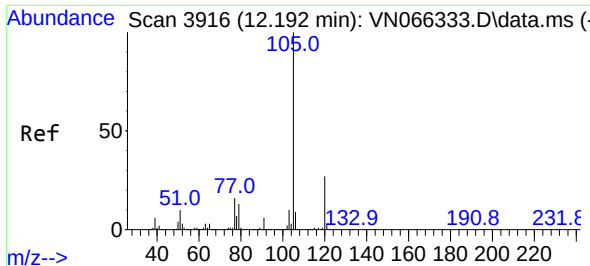
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

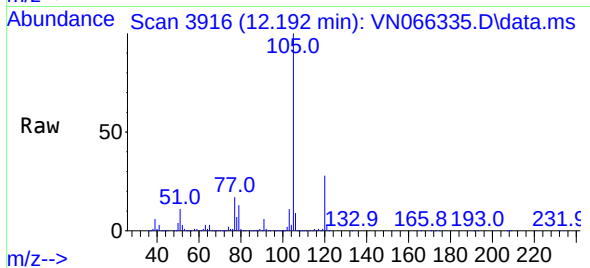
Tgt Ion:152 Resp: 351548
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 202.4 0.0 348.4





#73
Isopropylbenzene
Concen: 140.17 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

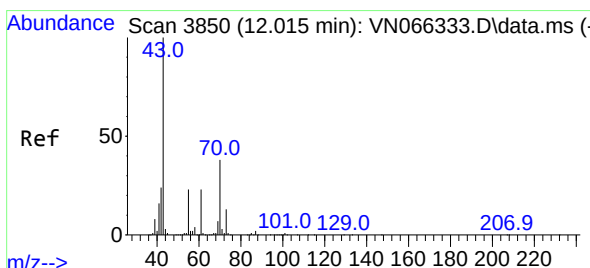
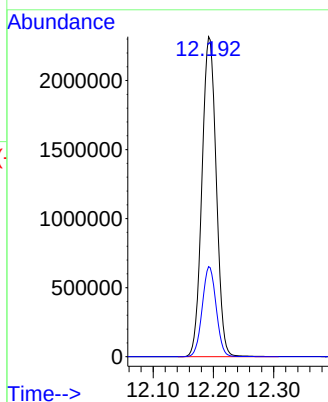
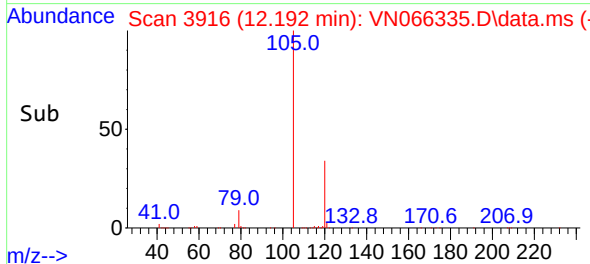
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



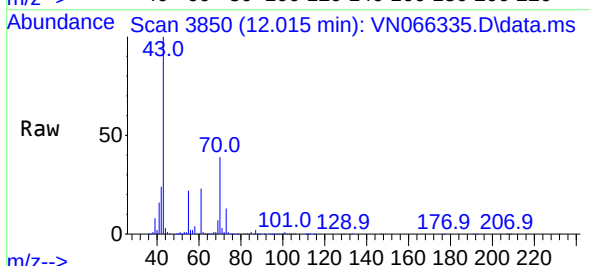
Tgt Ion:105 Resp: 3811544
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.8

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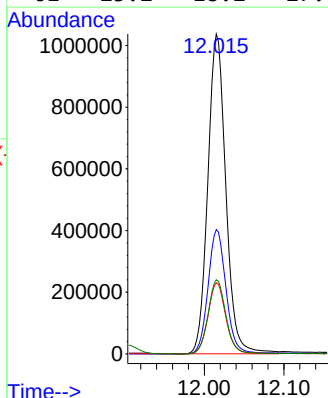
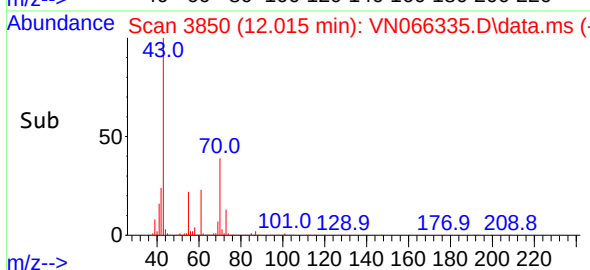
SAM
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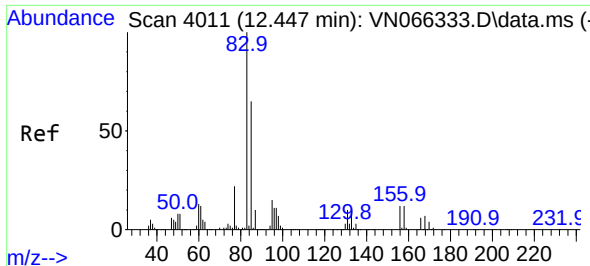


#74
N-ethyl acetate
Concen: 123.98 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 43 Resp: 1627593
Ion Ratio Lower Upper
43 100
70 39.6 31.2 46.8
55 22.2 18.6 28.0
61 23.2 18.2 27.4





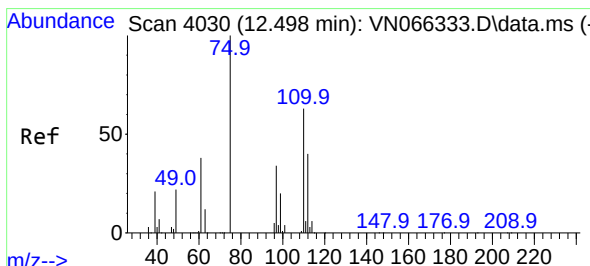
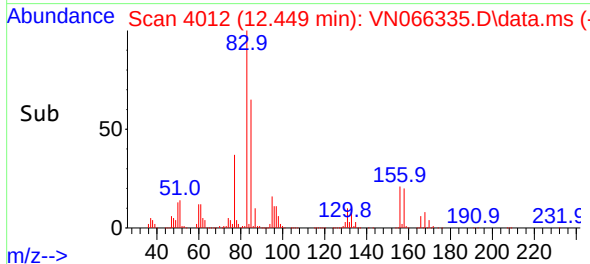
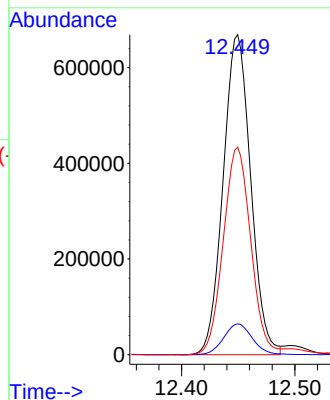
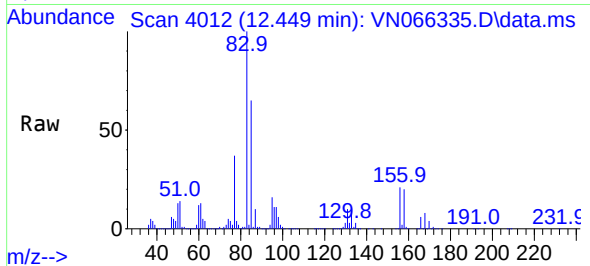
#75
1,1,2,2-Tetrachloroethane
Concen: 118.13 ug/l
RT: 12.449 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1131553
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.8 33.8 101.3

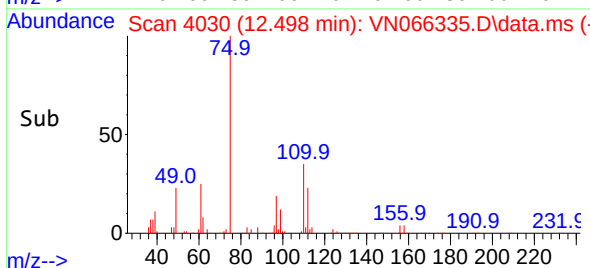
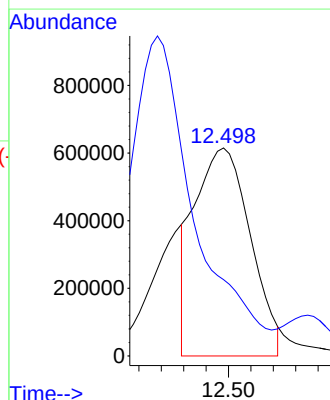
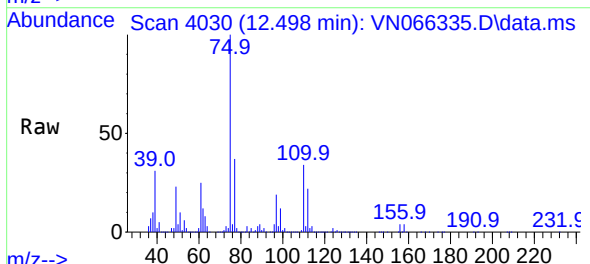
Manual Integrations
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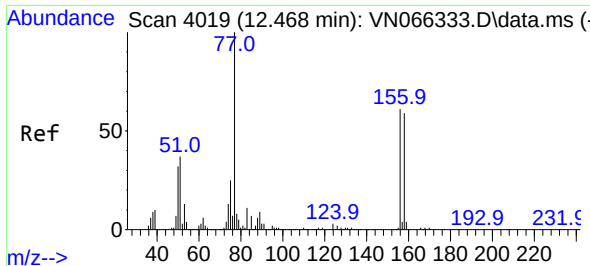
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#76
1,2,3-Trichloropropane
Concen: 105.23 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 75 Resp: 1063978
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





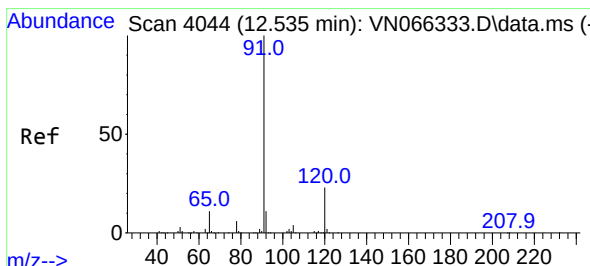
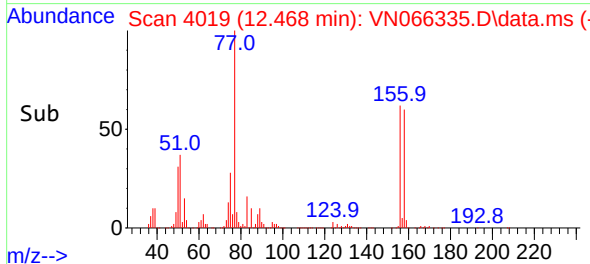
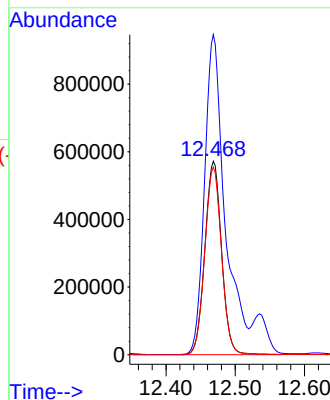
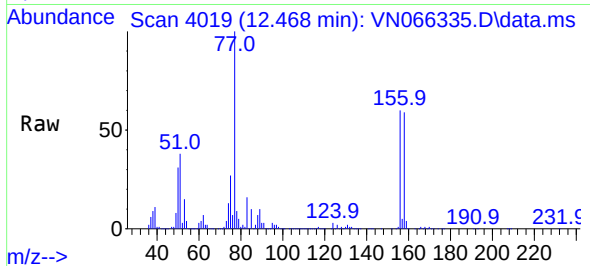
#77
Bromobenzene
Concen: 150.83 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:156 Resp: 959280
Ion Ratio Lower Upper
156 100
77 199.5 99.7 299.1
158 97.2 48.8 146.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

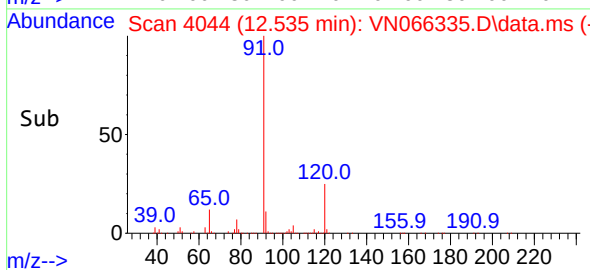
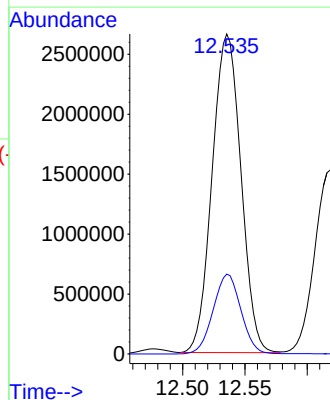
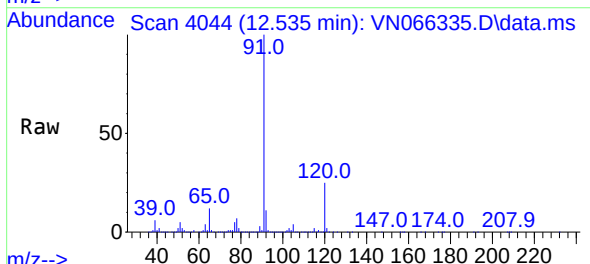
Manual Integrations
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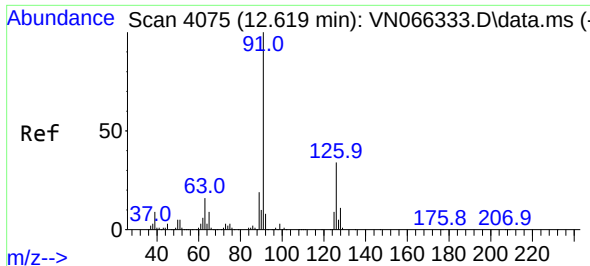
SAM
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#78
n-propylbenzene
Concen: 133.39 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 91 Resp: 4271449
Ion Ratio Lower Upper
91 100
120 24.3 11.7 35.1





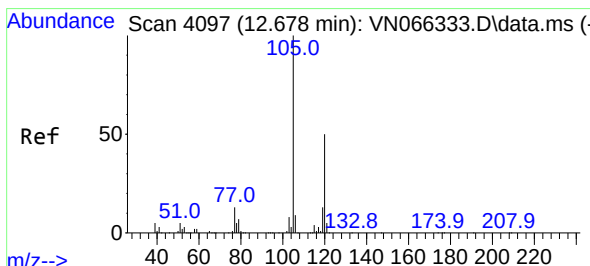
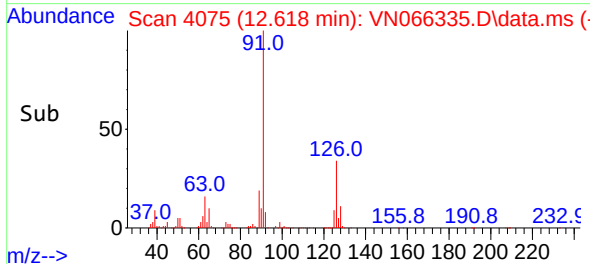
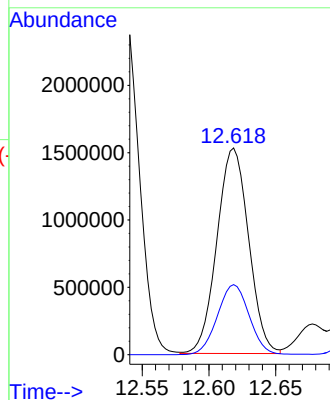
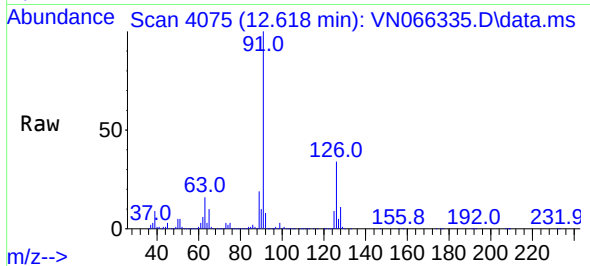
#79
2-Chlorotoluene
Concen: 130.46 ug/l
RT: 12.618 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 91 Resp: 2521464
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

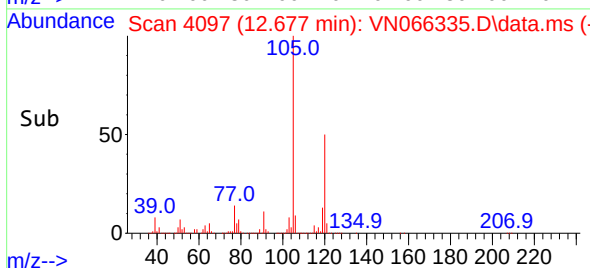
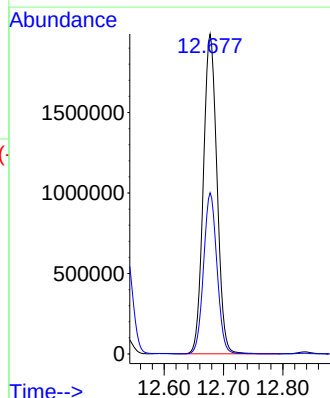
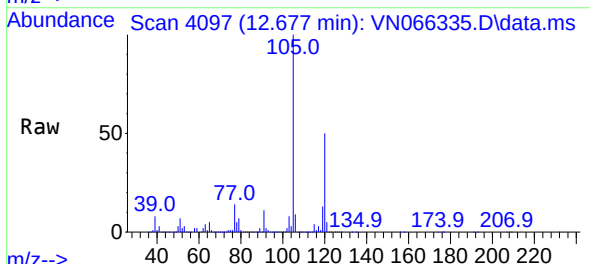
Manual Integrations
APPROVED

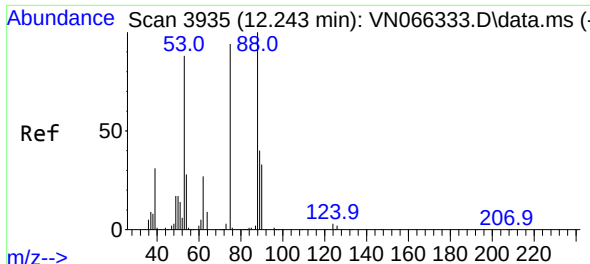
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#80
1,3,5-Trimethylbenzene
Concen: 138.47 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

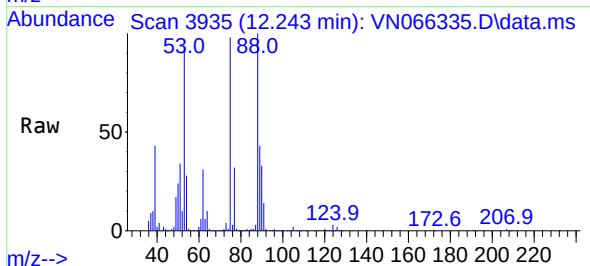
Tgt Ion:105 Resp: 3168066
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 132.36 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

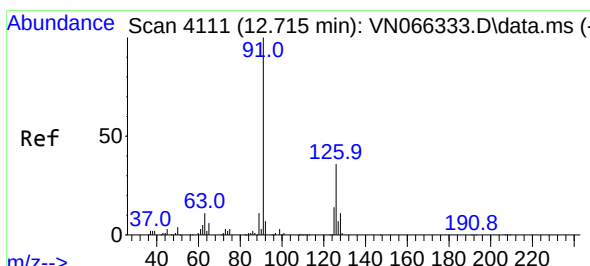
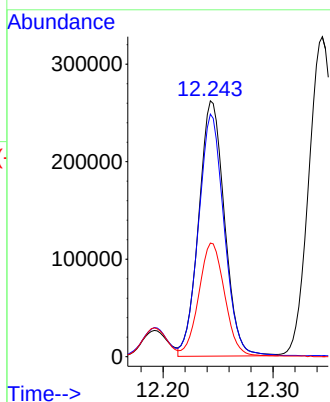
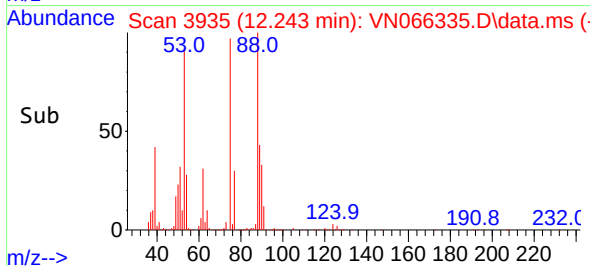
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



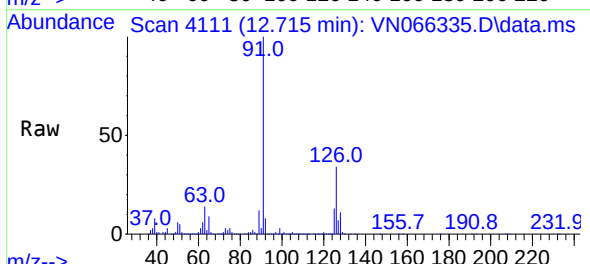
Tgt Ion: 75 Resp: 426239
Ion Ratio Lower Upper
75 100
53 94.0 76.1 114.1
89 44.8 35.7 53.5

Manual Integrations
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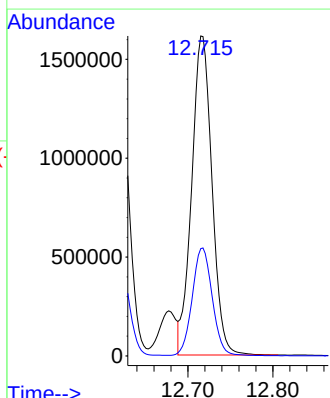
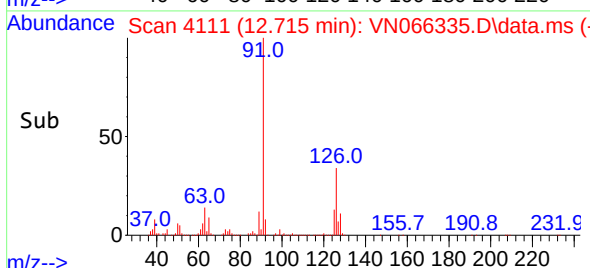
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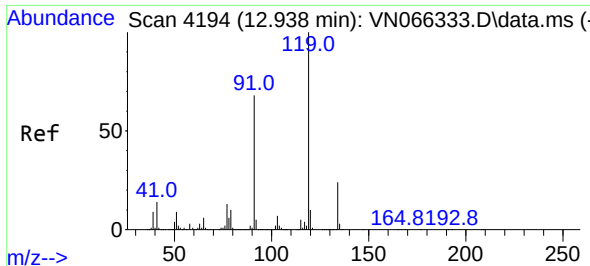


#82
4-Chlorotoluene
Concen: 135.79 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57



Tgt Ion: 91 Resp: 2676504
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.8





#83
tert-Butylbenzene
Concen: 138.59 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

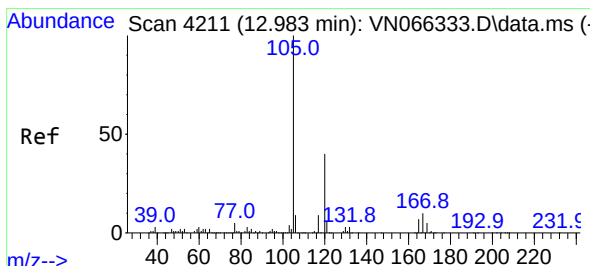
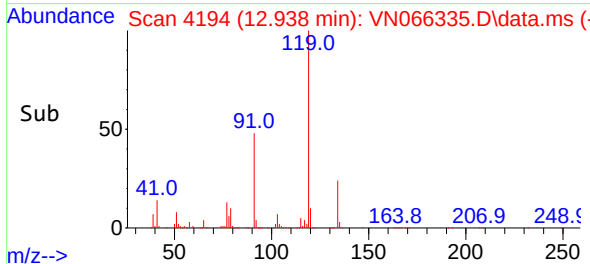
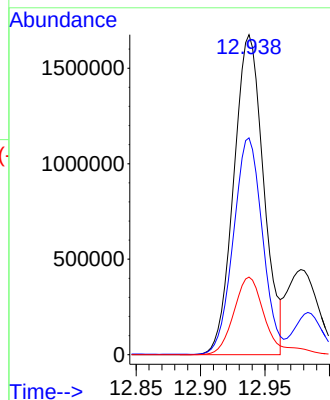
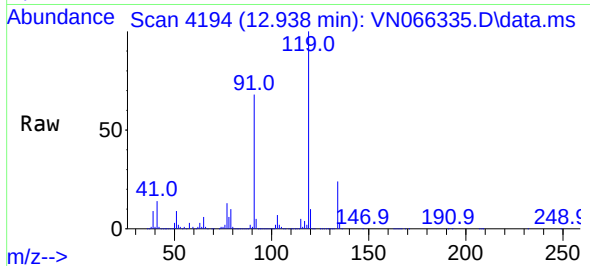
Tgt Ion:119 Resp: 2695139

Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.3	99.8
134	25.8	12.9	38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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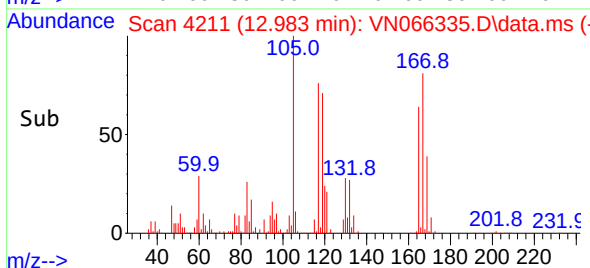
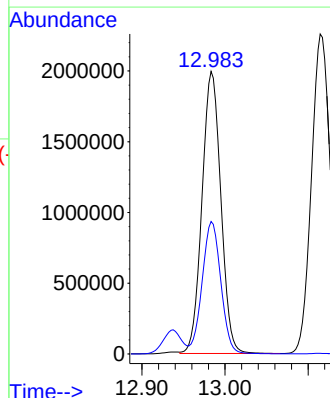
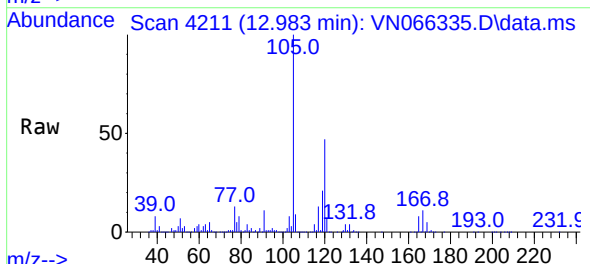
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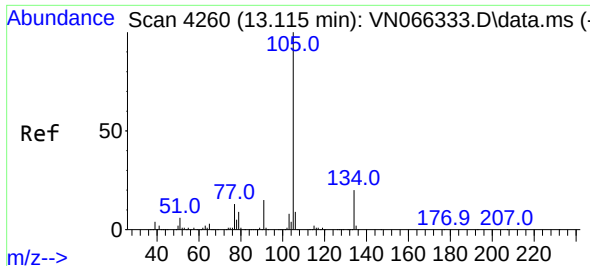


#84
1,2,4-Trimethylbenzene
Concen: 140.08 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:105 Resp: 3142717

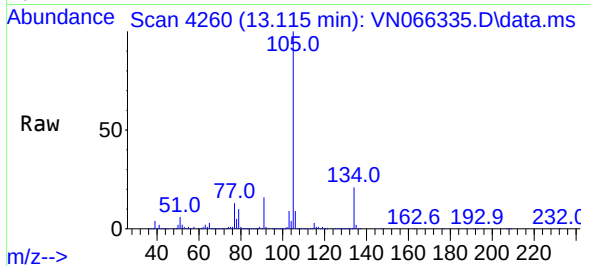
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85
 sec-Butylbenzene
 Concen: 141.00 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57

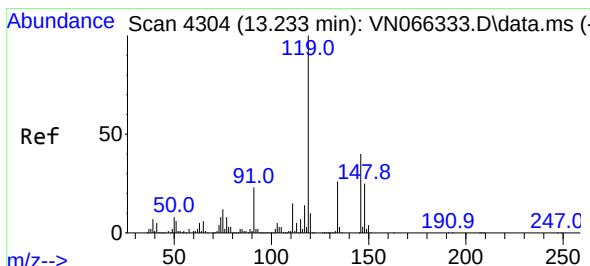
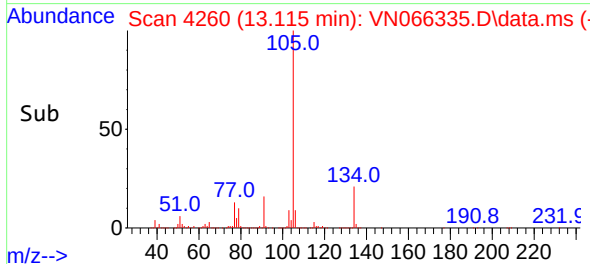
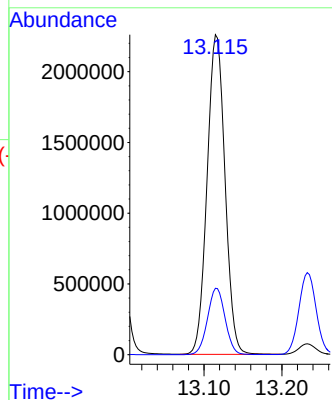
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



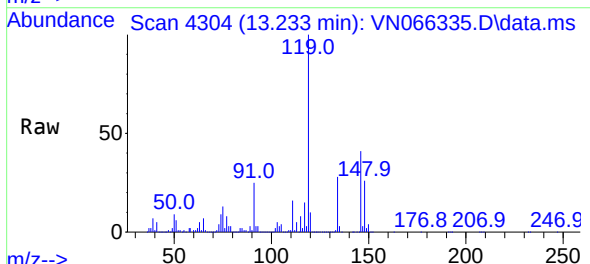
Tgt Ion:105 Resp: 3612951
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7

Manual Integrations
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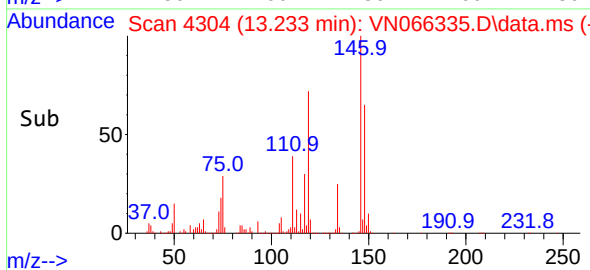
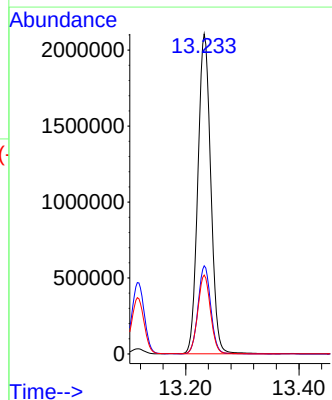
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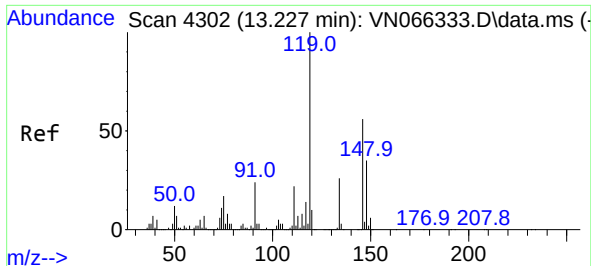


#86
 p-Isopropyltoluene
 Concen: 145.72 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066335.D
 Acq: 25 Mar 2021 16:57



Tgt Ion:119 Resp: 3319398
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 24.2 11.5 34.5





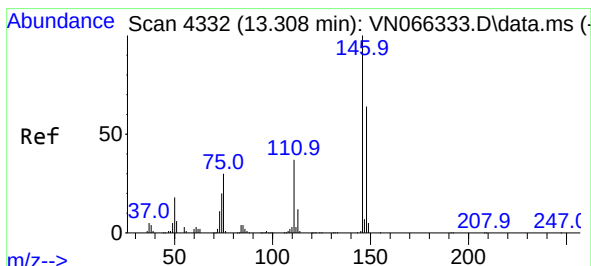
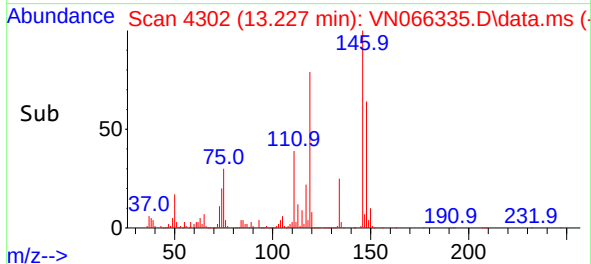
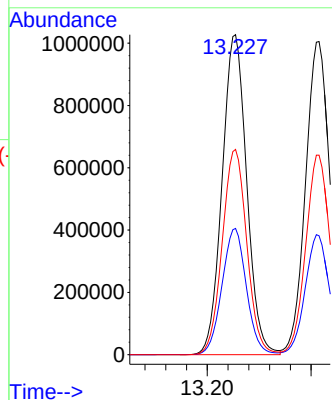
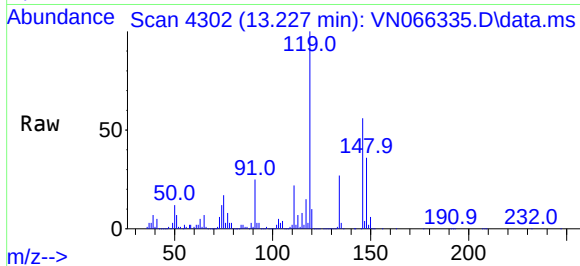
#87
1,3-Dichlorobenzene
Concen: 146.62 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:146 Resp: 1689030
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.1
148 64.2 31.8 95.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

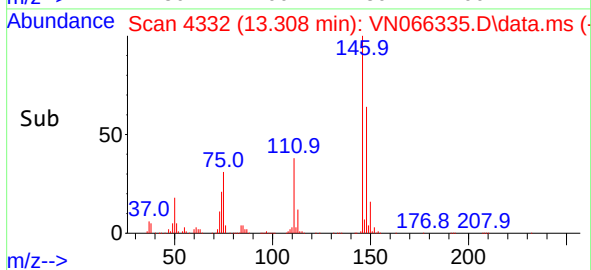
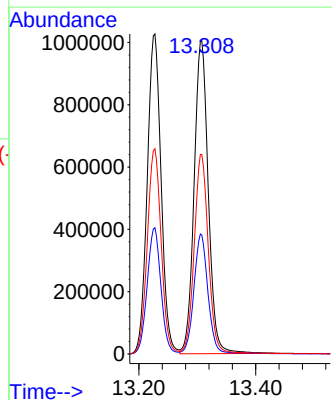
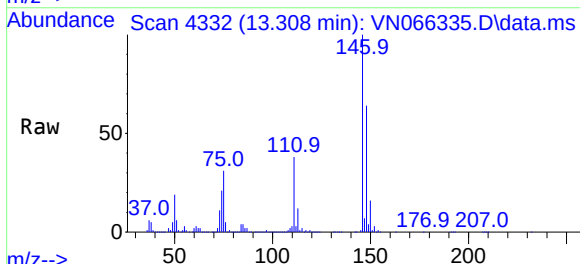
Manual Integrations
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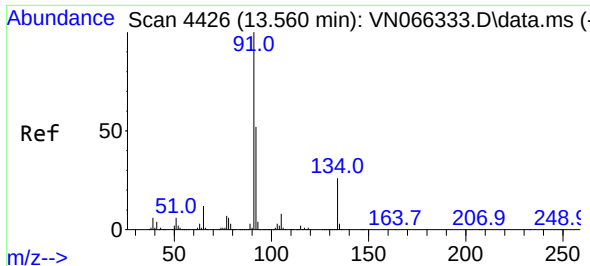
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#88
1,4-Dichlorobenzene
Concen: 144.85 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:146 Resp: 1693532
Ion Ratio Lower Upper
146 100
111 37.0 18.3 54.9
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 142.95 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

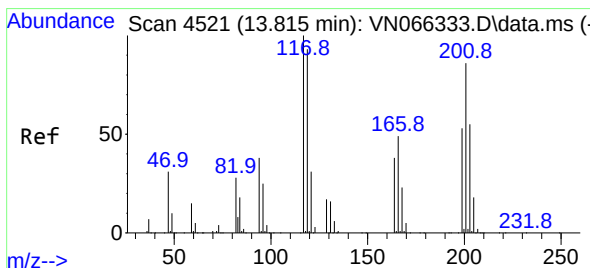
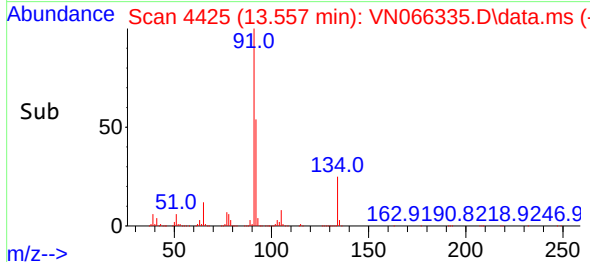
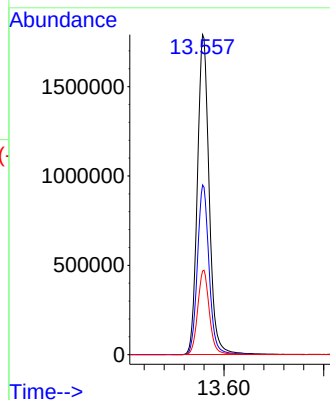
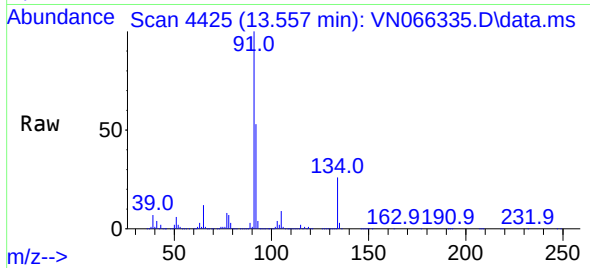
Tgt Ion: 91 Resp: 2941086

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.1	78.3
134	26.0	12.8	38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
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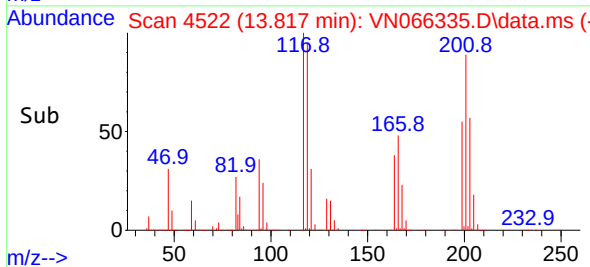
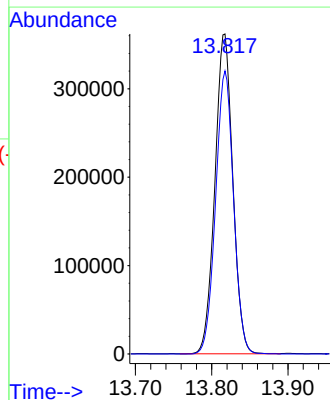
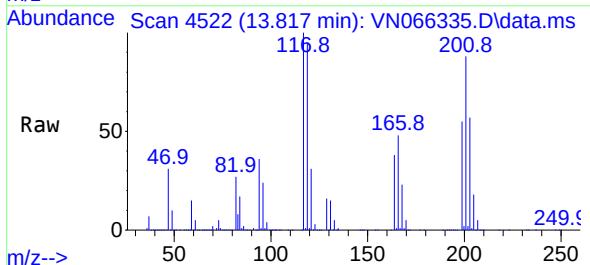
SAM
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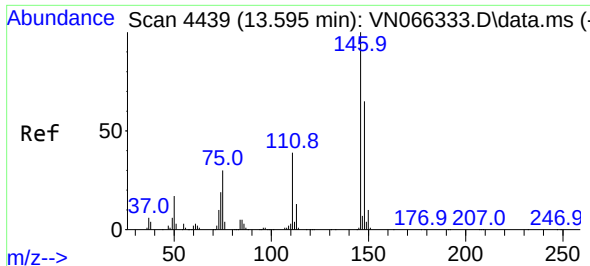


#90
Hexachloroethane
Concen: 163.73 ug/l
RT: 13.817 min Scan# 4522
Delta R.T. 0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 117 Resp: 590265

Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.0	131.8





#91
1,2-Dichlorobenzene
Concen: 138.93 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

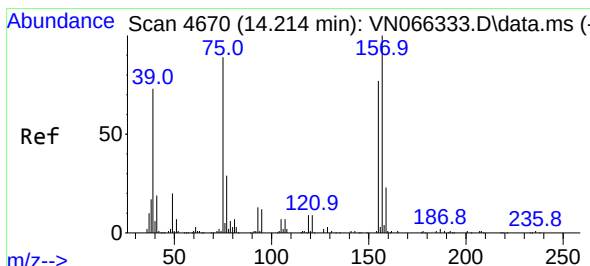
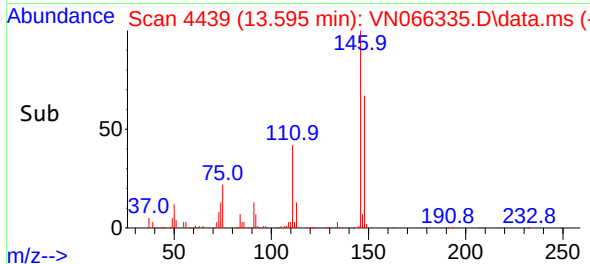
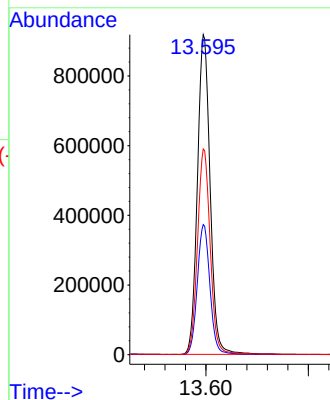
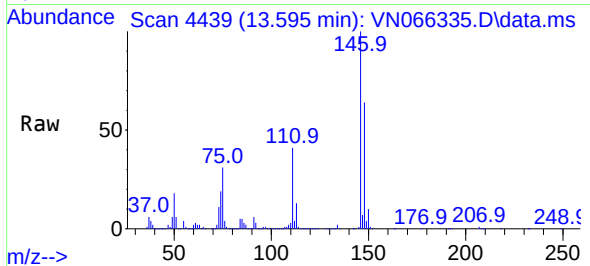
Tgt Ion:146 Resp: 1583716

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.1
148	64.1	32.3	96.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Manual Integrations
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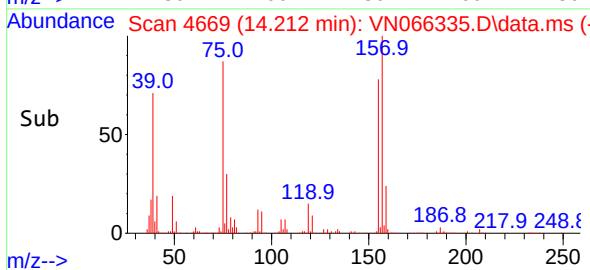
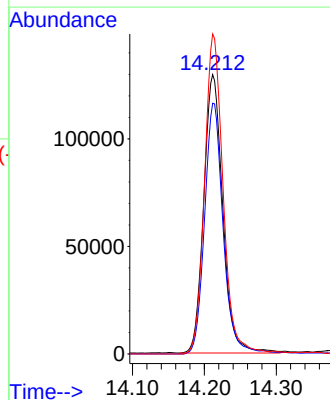
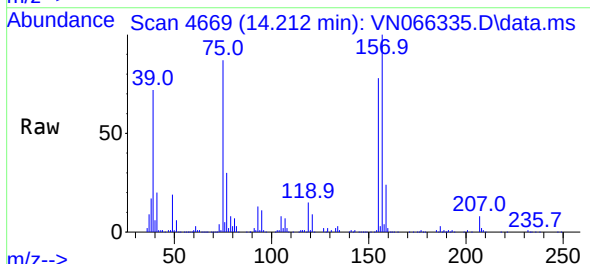
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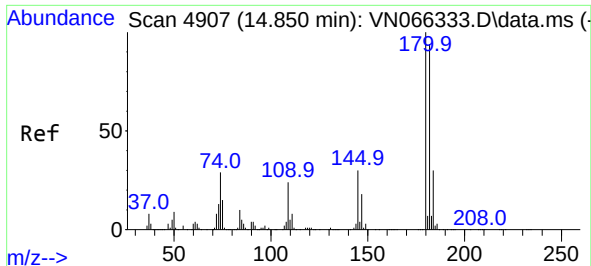


#92
1,2-Dibromo-3-Chloropropane
Concen: 100.27 ug/l
RT: 14.212 min Scan# 4669
Delta R.T. -0.003 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion: 75 Resp: 239150

Ion	Ratio	Lower	Upper
75	100		
155	87.3	43.8	131.3
157	111.5	57.6	172.8





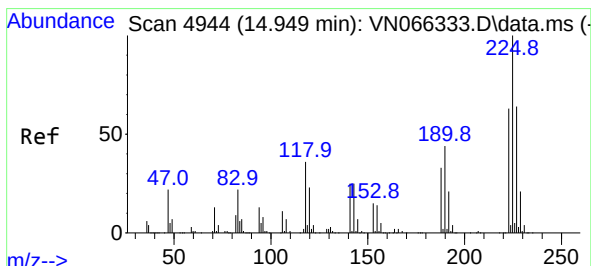
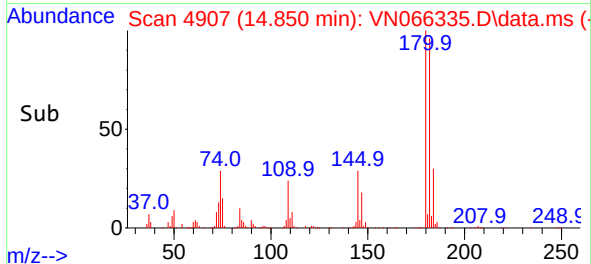
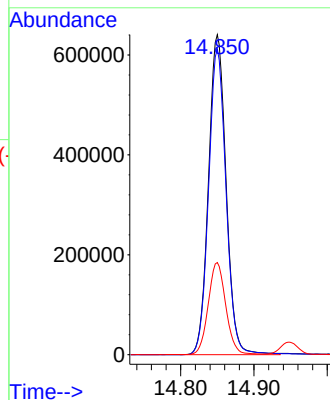
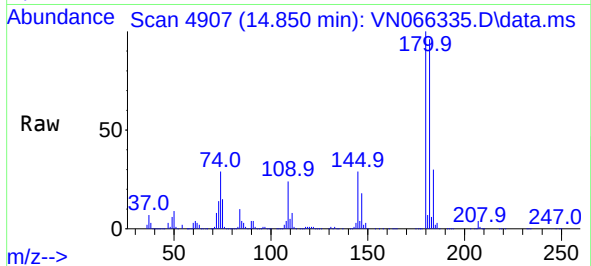
#93
1,2,4-Trichlorobenzene
Concen: 165.47 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:180 Resp: 1069147
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 28.7 14.2 42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

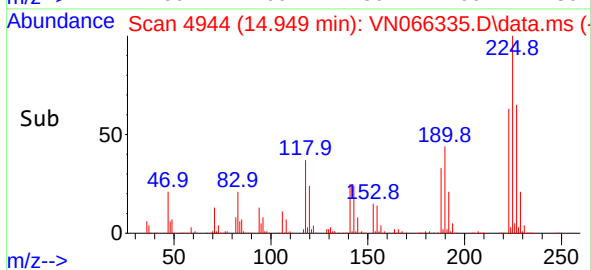
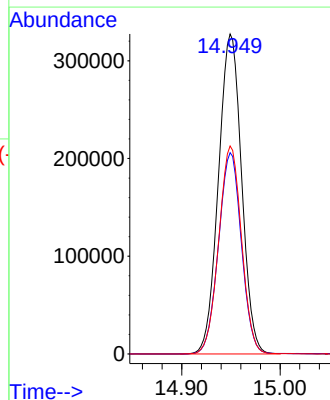
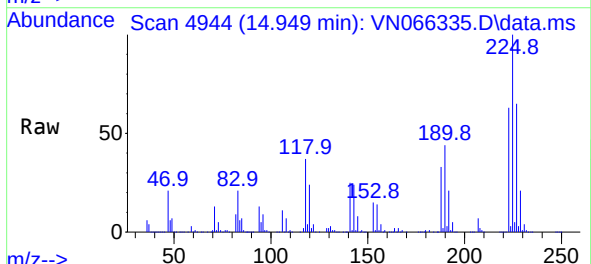
Manual Integrations
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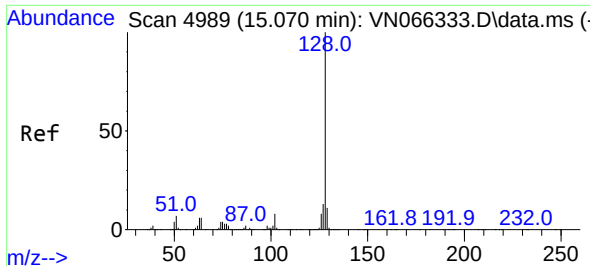
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#94
Hexachlorobutadiene
Concen: 159.90 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:225 Resp: 535196
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.5
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 144.36 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

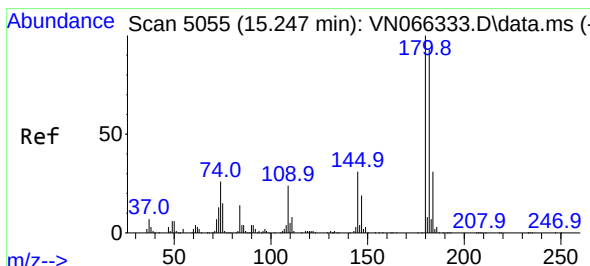
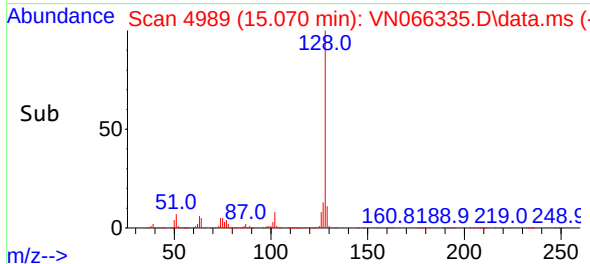
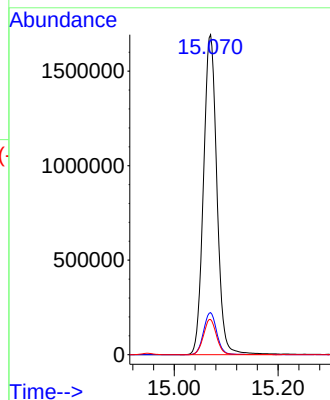
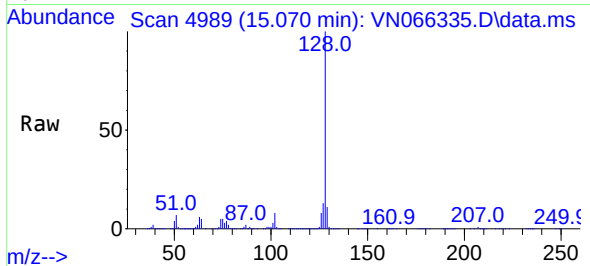
Tgt Ion:128 Resp: 3029863

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 151.75 ug/l
RT: 15.247 min Scan# 5055
Delta R.T. -0.000 min
Lab File: VN066335.D
Acq: 25 Mar 2021 16:57

Tgt Ion:180 Resp: 1041760

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	30.4	15.4	46.1

