

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
 Data File : VN065562.D
 Acq On : 20 Jan 2021 11:21
 Operator : JC/MD
 Sample : VN0120WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

Quant Time: Jan 21 01:21:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	41212	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	215655	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	197373	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.987	65	74675	29.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.67%
60) 4-Bromofluorobenzene	12.373	95	87376	29.23	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.43%
63) Toluene-d8	10.058	98	261949	30.32	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.07%

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Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.849	85	34068	16.62	ug/l 92
3) Chloromethane	2.055	50	41507	16.35	ug/l 99
4) Vinyl Chloride	2.181	62	46858	16.76	ug/l 99
5) Bromomethane	2.550	94	34697	17.39	ug/l 96
6) Chloroethane	2.692	64	31278	17.20	ug/l 98
7) Trichlorofluoromethane	3.004	101	65865	17.68	ug/l 99
8) Diethyl Ether	3.390	74	27120	17.89	ug/l 94
9) 1,1,2-Trichlorotrifluo...	3.724	101	41763	18.87	ug/l 91
10) 1,1-Dichloroethene	3.705	96	40448	17.84	ug/l 98
11) Methyl Iodide	3.917	142	62471	17.47	ug/l 99
12) Methyl Acetate	4.293	43	39076	17.60	ug/l 92
13) Acrolein	3.579	56	28988	77.25	ug/l 97
14) Acrylonitrile	4.949	53	86980	86.49	ug/l 99
15) Acetone	3.792	58	29482	95.60	ug/l 93
16) Carbon Disulfide	4.013	76	88881	16.13	ug/l 100
17) Allyl chloride	4.280	41	54728	17.04	ug/l 98
18) Methylene Chloride	4.509	84	43504	17.69	ug/l 98
19) trans-1,2-Dichloroethene	4.994	96	39779	17.44	ug/l 97
20) Diisopropyl ether	5.914	45	118769	17.65	ug/l 99
21) 1,1-Dichloroethane	5.804	63	72221	17.96	ug/l 98
22) cis-1,2-Dichloroethene	6.788	96	47283	17.90	ug/l 96
23) tert-Butyl Alcohol	4.772	59	27768	89.35	ug/l # 100
24) Methyl tert-Butyl Ether	5.010	73	116722	17.56	ug/l 97
25) Chloroform	7.332	83	73864	17.81	ug/l 99
26) Cyclohexane	7.611	56	56503	16.74	ug/l # 98
29) 1,1-Dichloropropene	7.753	75	53735	17.53	ug/l 99
30) 2-Butanone	6.798	43	108363	87.67	ug/l 99
31) 2,2-Dichloropropane	6.779	77	58994	18.64	ug/l 99
32) 1,1,1-Trichloroethane	7.531	97	61526	17.75	ug/l 99
33) Carbon Tetrachloride	7.733	117	54171	17.76	ug/l 98
34) Benzene	8.004	78	168107	17.83	ug/l 96
35) Methacrylonitrile	7.132	41	20337	15.85	ug/l 94
36) 1,2-Dichloroethane	8.087	62	55856	17.95	ug/l 97
37) Trichloroethene	8.801	130	51408	18.31	ug/l 98
38) Methylcyclohexane	9.045	83	63363	17.81	ug/l 97
39) 1,2-Dichloropropane	9.084	63	44778	18.29	ug/l 100
40) Dibromomethane	9.174	93	29172	17.79	ug/l 97
41) Bromodichloromethane	9.370	83	57123	17.98	ug/l 98
42) Vinyl Acetate	5.856	43	456867	85.25	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.894	43	44200	16.73	ug/l	97
44) Isopropyl Acetate	8.132	43	73773	16.73	ug/l	97
45) 1,4-Dioxane	9.171	88	11965	381.46	ug/l	95
46) Methyl methacrylate	9.167	41	36359	16.70	ug/l	97
47) n-amyl Acetate	12.045	43	60377	15.83	ug/l	97
48) t-1,3-Dichloropropene	10.351	75	61463	17.44	ug/l	96
49) cis-1,3-Dichloropropene	9.807	75	68213	17.61	ug/l	98
50) 1,1,2-Trichloroethane	10.531	97	43694	18.20	ug/l	99
51) Ethyl methacrylate	10.399	69	56843	16.90	ug/l	95
52) 1,3-Dichloropropane	10.679	76	71168	17.89	ug/l	100
53) Dibromochloromethane	10.872	129	47062	17.71	ug/l	99
54) 1,2-Dibromoethane	10.978	107	45107	17.56	ug/l	100
55) 2-Chloroethyl vinyl ether	9.663	63	131883	89.57	ug/l	99
56) Bromoform	12.100	173	35982	17.39	ug/l	99
58) 4-Methyl-2-Pentanone	9.952	43	225874	86.22	ug/l	97
59) 2-Hexanone	10.724	43	160793	84.84	ug/l	97
61) Tetrachloroethene	10.602	164	59402	18.84	ug/l	99
62) Toluene	10.122	91	187239	18.17	ug/l	99
64) Chlorobenzene	11.405	112	122914	18.35	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.479	131	46409	18.43	ug/l	97
66) Ethyl Benzene	11.483	91	201524	17.89	ug/l	98
67) m/p-Xylenes	11.592	106	160938	36.53	ug/l	96
68) o-Xylene	11.920	106	77015	18.08	ug/l	97
69) Styrene	11.936	104	127516	17.93	ug/l	99
70) Isopropylbenzene	12.222	105	203162	18.25	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.476	83	55237	17.45	ug/l	98
72) 1,2,3-Trichloropropane	12.527	75	51299m	17.08	ug/l	
73) Bromobenzene	12.499	156	57821	18.16	ug/l	98
74) n-propylbenzene	12.563	91	228967	18.36	ug/l	100
75) 2-Chlorotoluene	12.646	91	136175	18.09	ug/l	99
76) 1,3,5-Trimethylbenzene	12.708	105	174374	18.28	ug/l	100
77) t-1,4-Dichloro-2-butene	12.273	75	18207	17.24	ug/l	97
78) 4-Chlorotoluene	12.746	91	136708	17.96	ug/l	97
79) tert-butylbenzene	12.968	119	147845	18.04	ug/l	98
80) 1,2,4-Trimethylbenzene	13.013	105	173925	18.33	ug/l	99
81) sec-Butylbenzene	13.145	105	194950	18.40	ug/l	100
82) p-Isopropyltoluene	13.264	119	182549	18.44	ug/l	99
83) 1,3-Dichlorobenzene	13.257	146	96508	18.29	ug/l	99
84) 1,4-Dichlorobenzene	13.338	146	94403	18.33	ug/l	98
85) n-Butylbenzene	13.589	91	142831	18.24	ug/l	99
86) Hexachloroethane	13.849	117	28620	17.56	ug/l	98
87) 1,2-Dichlorobenzene	13.627	146	96289	18.52	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.244	75	10074	17.82	ug/l	97
89) 1,2,4-Trichlorobenzene	14.884	180	51931	21.42	ug/l	97
90) Hexachlorobutadiene	14.981	225	34581	19.02	ug/l	97
91) Naphthalene	15.103	128	122892	21.52	ug/l	99
92) 1,2,3-Trichlorobenzene	15.283	180	52576	19.93	ug/l	99

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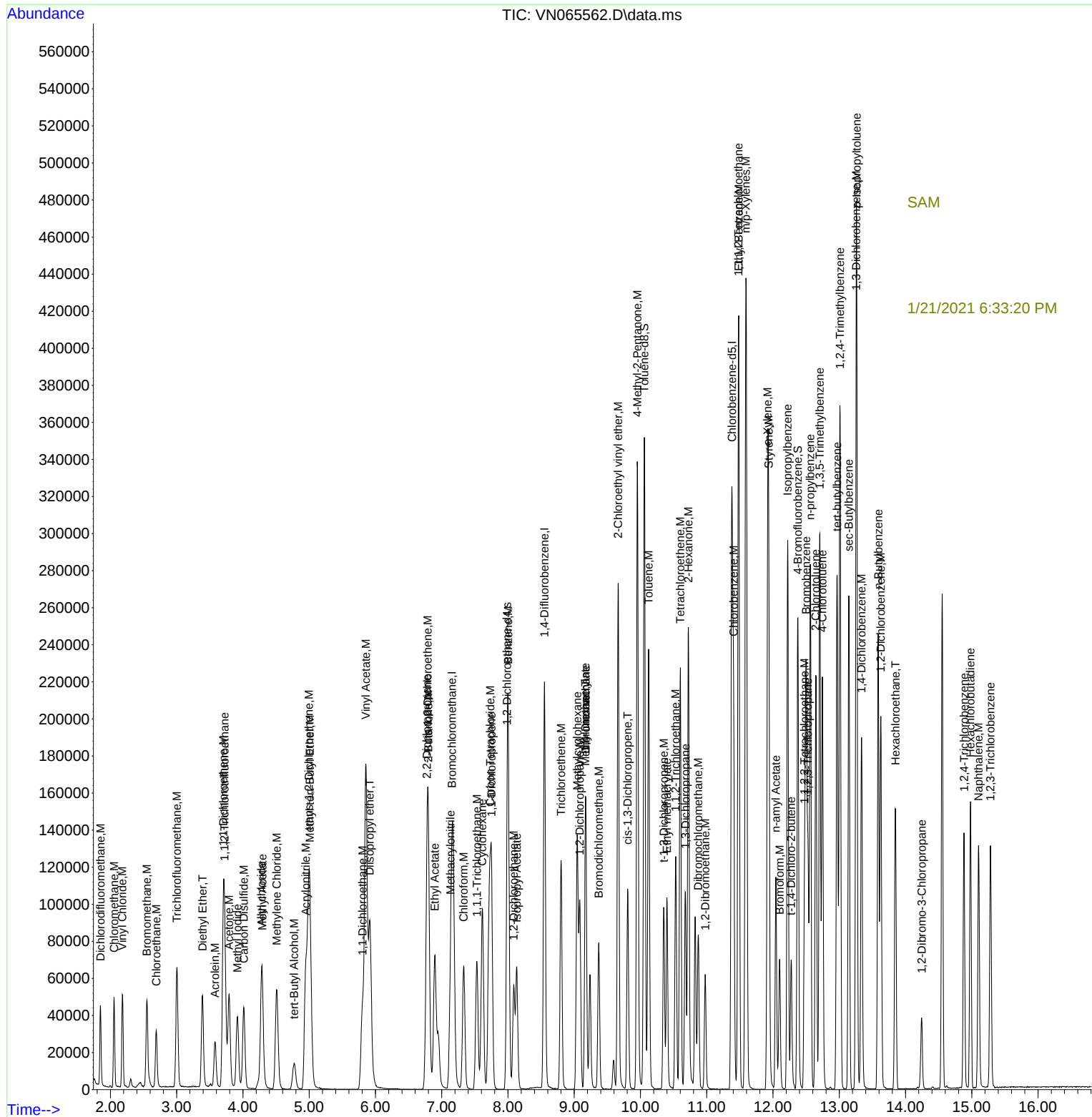
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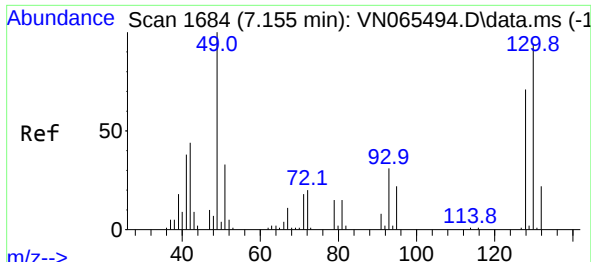
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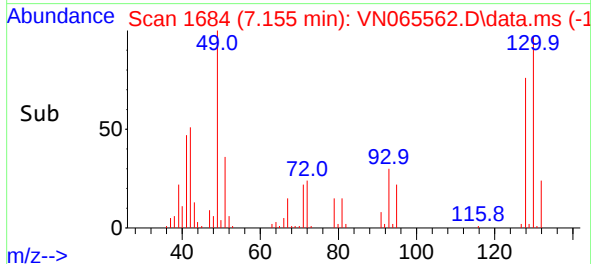
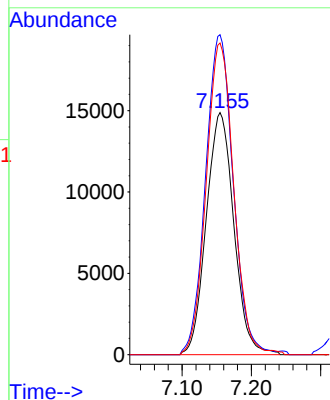
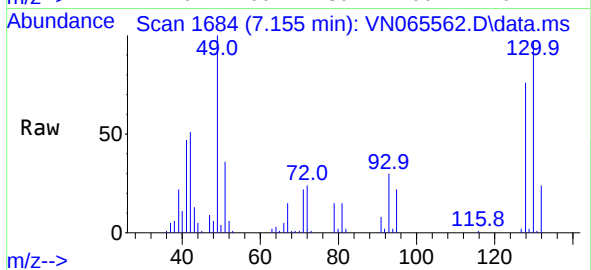


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

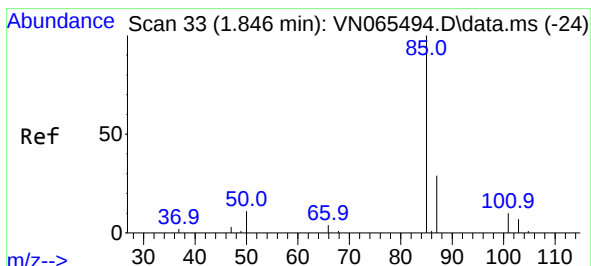
Tgt Ion:128 Resp: 41212
Ion Ratio Lower Upper
128 100
49 132.5 0.0 355.0
130 127.9 0.0 325.5

Instrument :
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ClientSampled :
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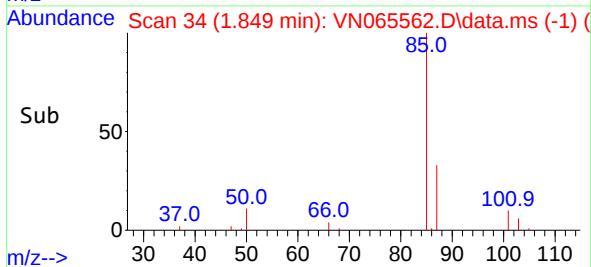
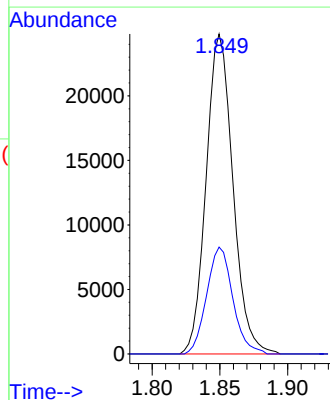
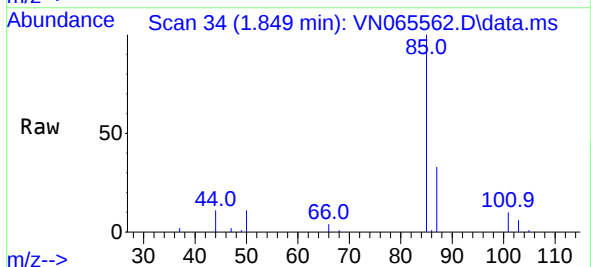
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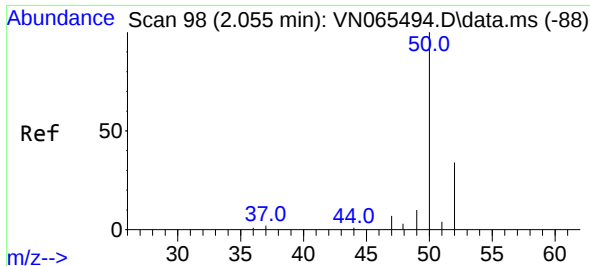


#2
Dichlorodifluoromethane
Concen: 16.62 ug/l
RT: 1.849 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 85 Resp: 34068
Ion Ratio Lower Upper
85 100
87 33.4 14.6 43.8

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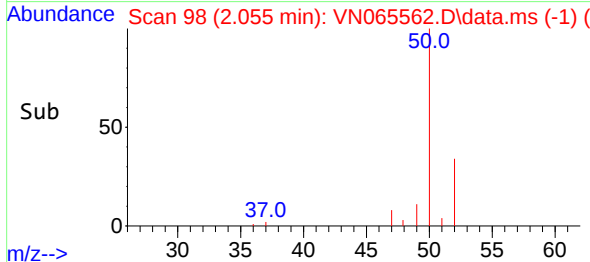
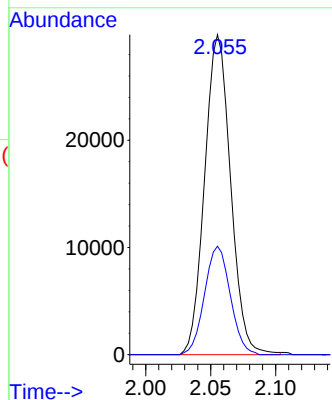
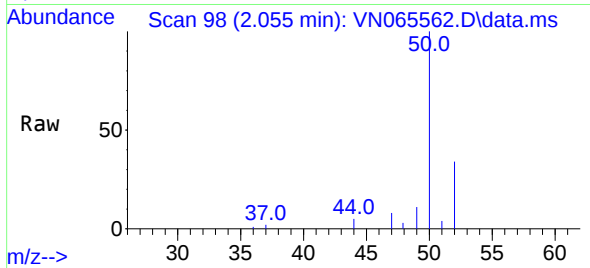


#3
Chloromethane
Concen: 16.35 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 50 Resp: 41507
Ion Ratio Lower Upper
50 100
52 33.9 26.8 40.2

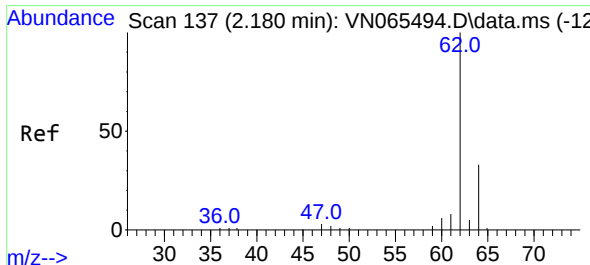
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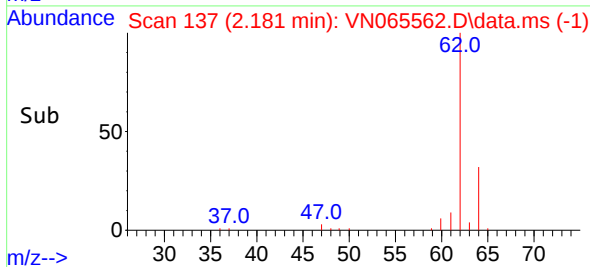
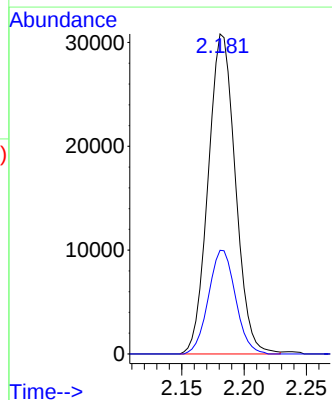
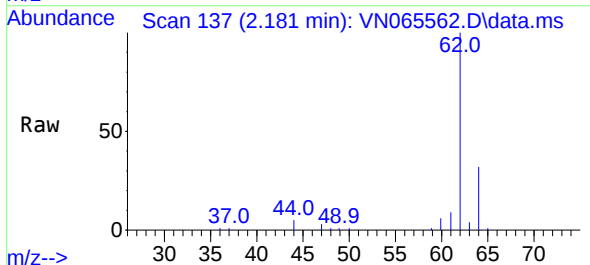
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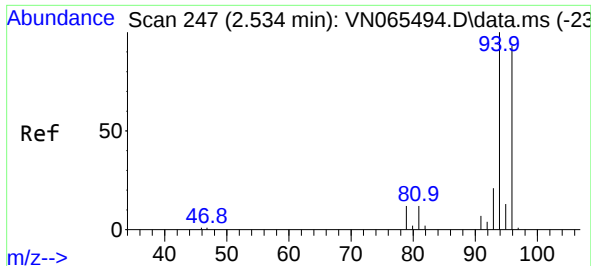
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#4
Vinyl Chloride
Concen: 16.76 ug/l
RT: 2.181 min Scan# 137
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 62 Resp: 46858
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4



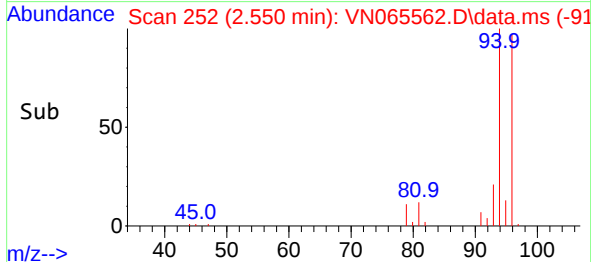
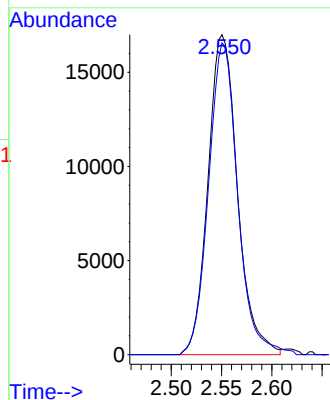
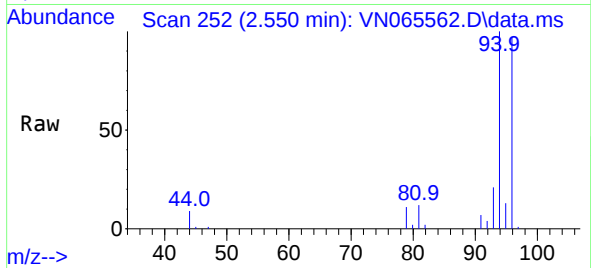


#5
Bromomethane
Concen: 17.39 ug/l
RT: 2.550 min Scan# 252
Delta R.T. 0.016 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

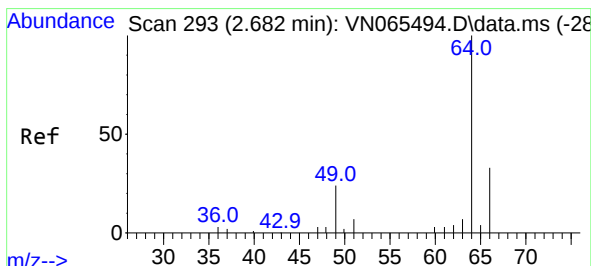
Tgt Ion: 94 Resp: 34697
Ion Ratio Lower Upper
94 100
96 97.4 74.6 111.8

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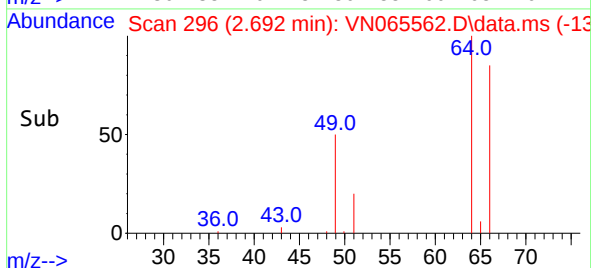
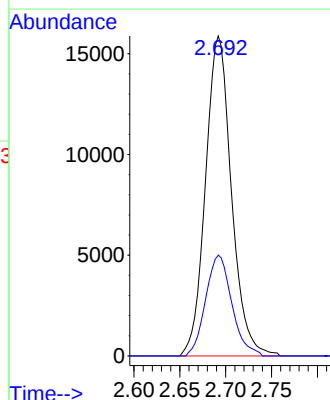
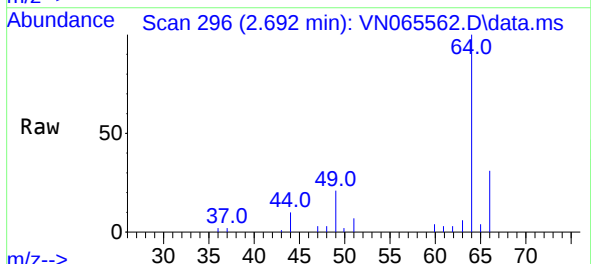
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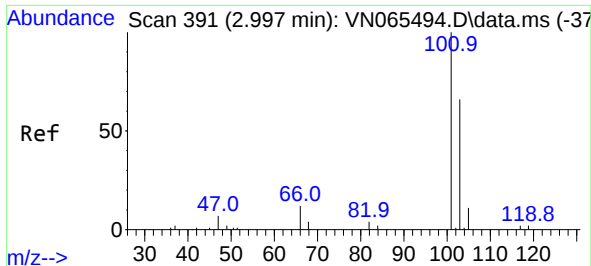


#6
Chloroethane
Concen: 17.20 ug/l
RT: 2.692 min Scan# 296
Delta R.T. 0.010 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 64 Resp: 31278
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5

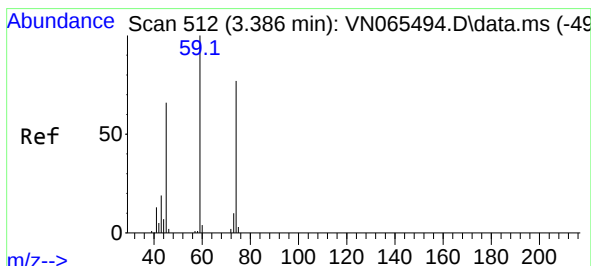
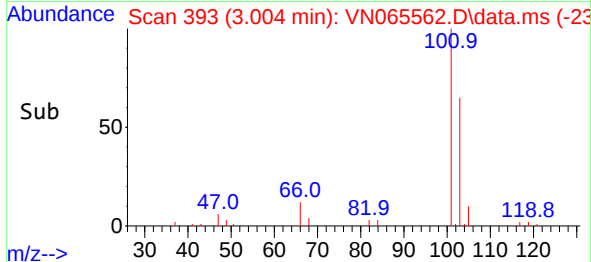
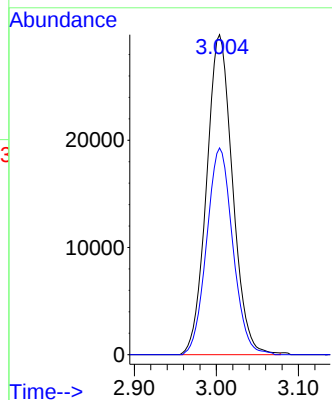
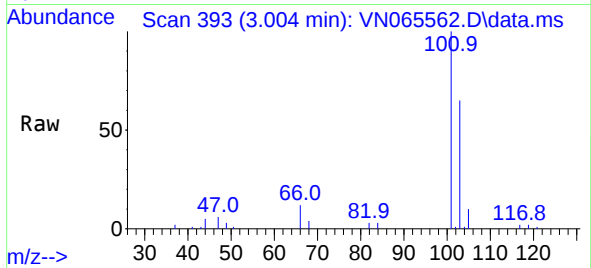
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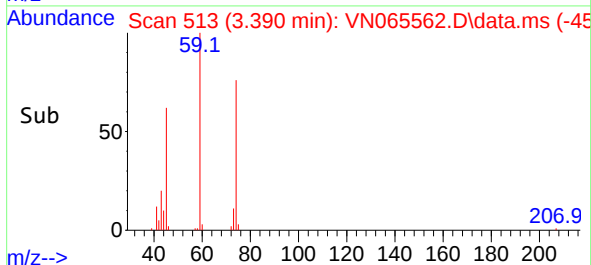
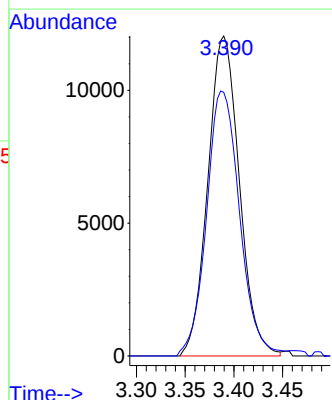
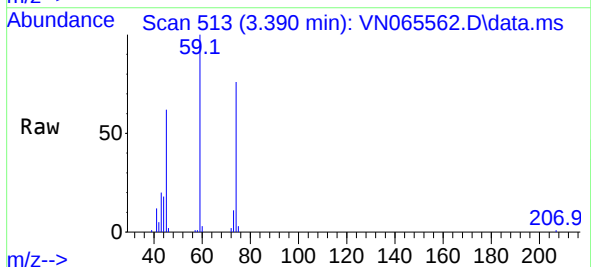
#7
Trichlorofluoromethane
Concen: 17.68 ug/l
RT: 3.004 min Scan# 393
Delta R.T. 0.007 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:101 Resp: 65865
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8



#8
Diethyl Ether
Concen: 17.89 ug/l
RT: 3.390 min Scan# 513
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 74 Resp: 27120
Ion Ratio Lower Upper
74 100
45 86.8 18.5 166.9

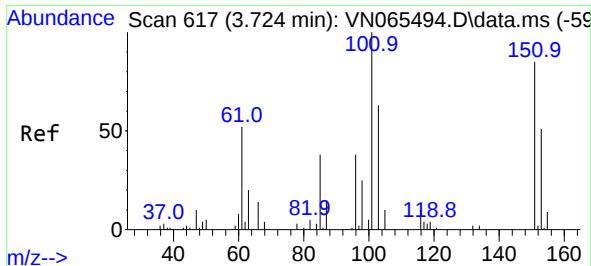


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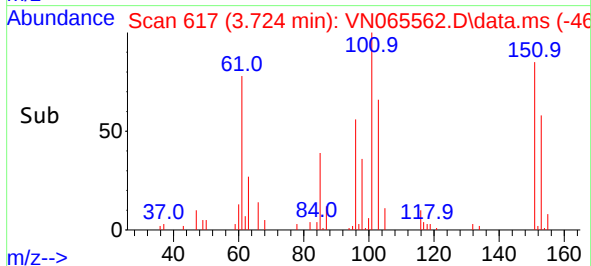
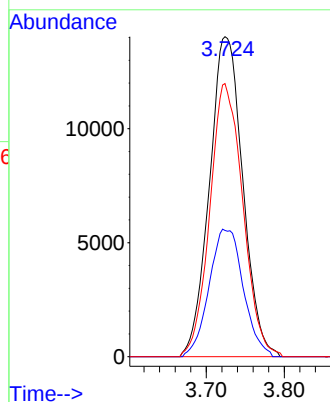
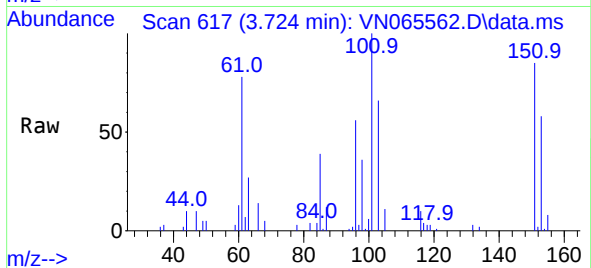


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.87 ug/l
RT: 3.724 min Scan# 617
Delta R.T. 0.000 min
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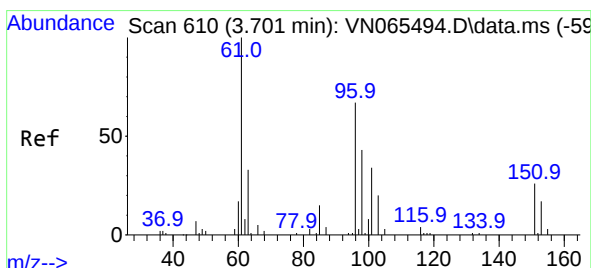
Tgt Ion: 101 Resp: 41763
Ion Ratio Lower Upper
101 100
85 22.8 0.0 80.6
151 84.4 0.0 169.2

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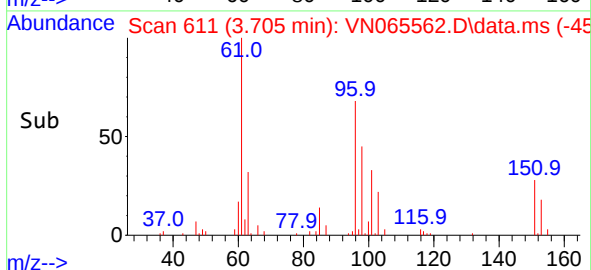
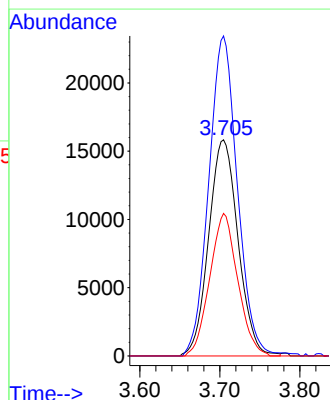
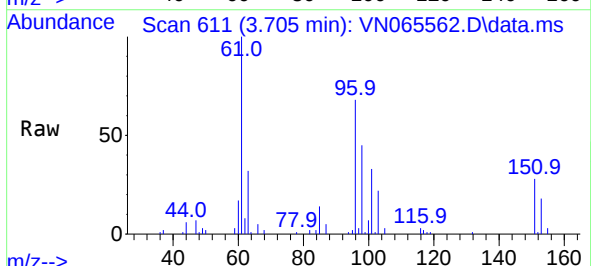
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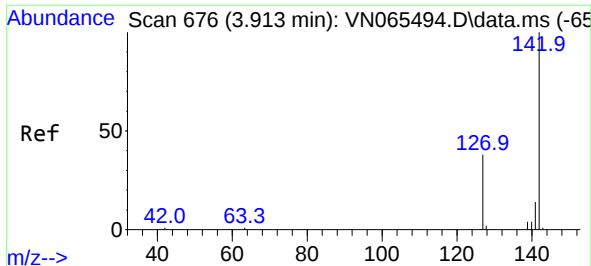


#10
1,1-Dichloroethene
Concen: 17.84 ug/l
RT: 3.705 min Scan# 611
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 96 Resp: 40448
Ion Ratio Lower Upper
96 100
61 148.0 119.9 179.9
98 65.9 51.2 76.8

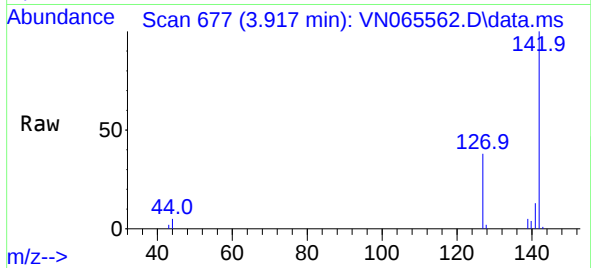
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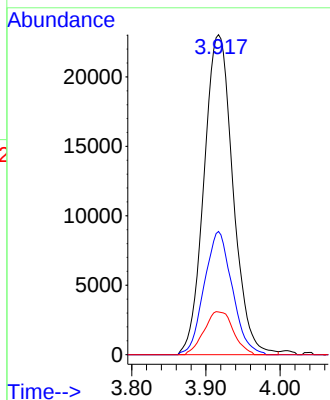
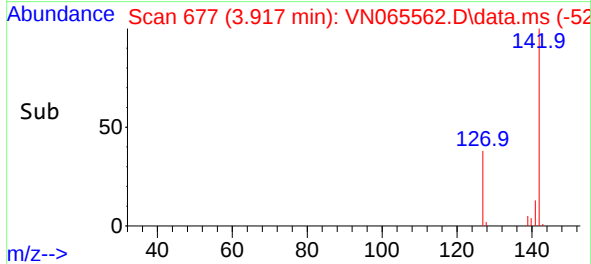
#11
Methyl Iodide
Concen: 17.47 ug/l
RT: 3.917 min Scan# 677
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

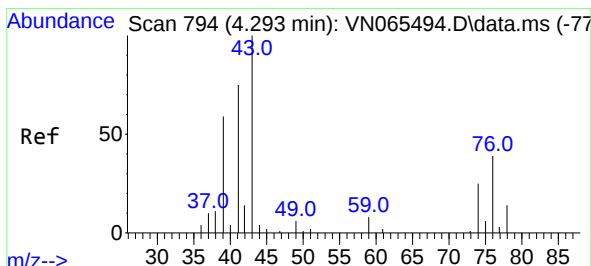


Tgt Ion:142 Resp: 62471
Ion Ratio Lower Upper
142 100
127 38.7 19.1 57.5
141 13.4 7.0 20.9

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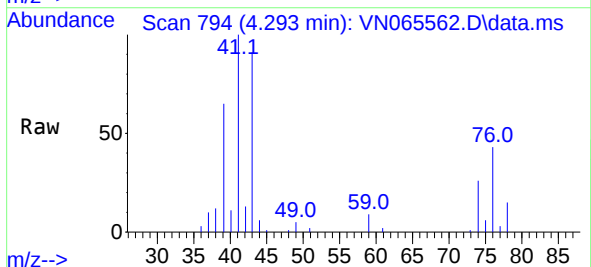


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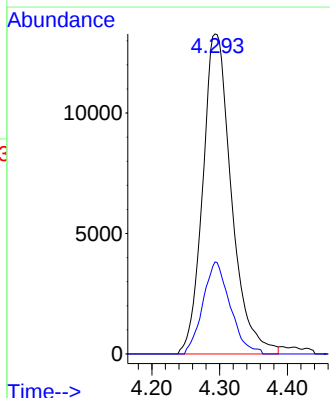
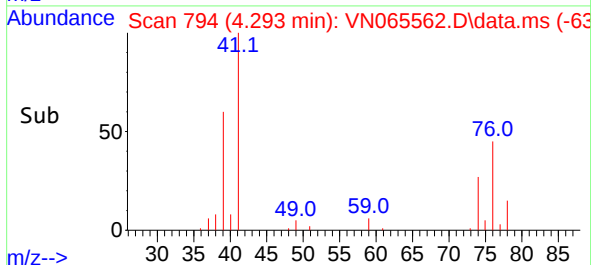


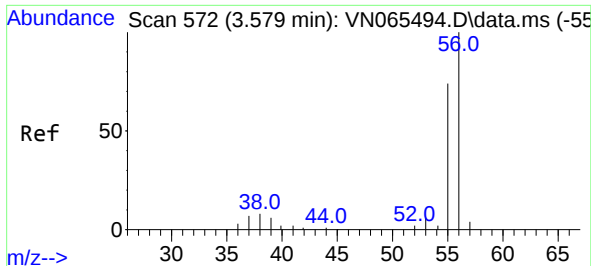
#12
Methyl Acetate
Concen: 17.60 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

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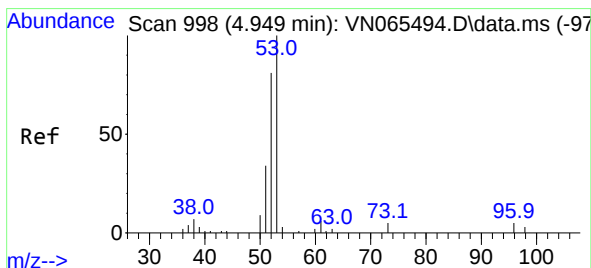
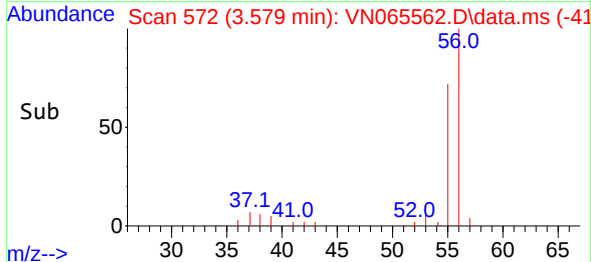
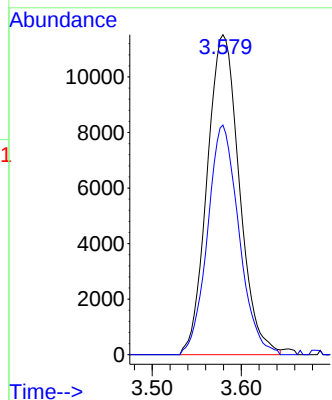
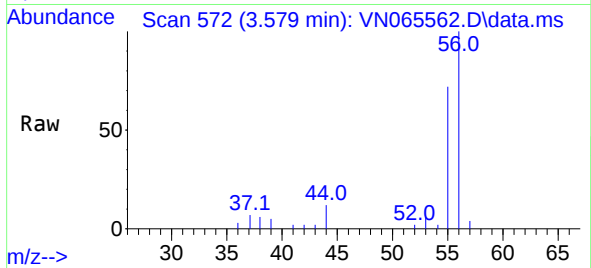
Tgt Ion: 43 Resp: 39076
Ion Ratio Lower Upper
43 100
74 29.1 19.9 29.9





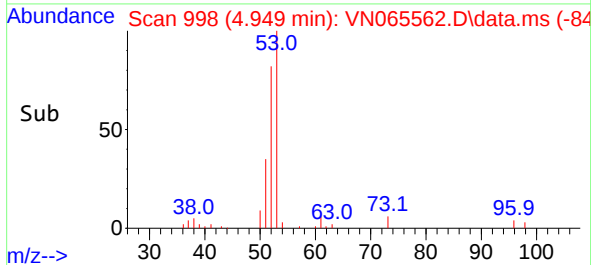
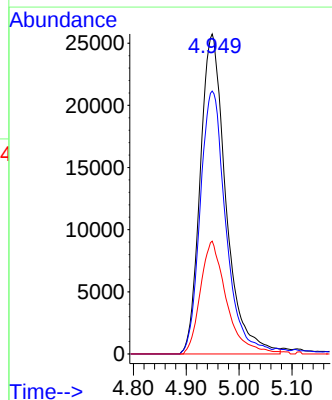
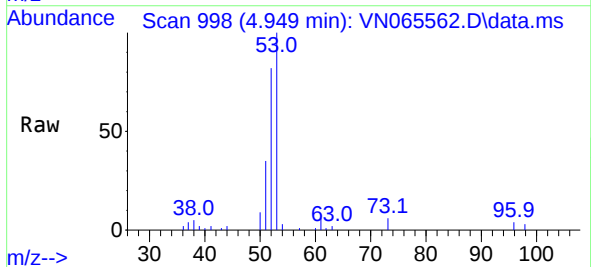
#13
Acrolein
Concen: 77.25 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 56 Resp: 28988
Ion Ratio Lower Upper
56 100
55 69.8 57.7 86.5



#14
Acrylonitrile
Concen: 86.49 ug/l
RT: 4.949 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 53 Resp: 86980
Ion Ratio Lower Upper
53 100
52 81.8 40.7 122.1
51 35.2 18.3 54.8

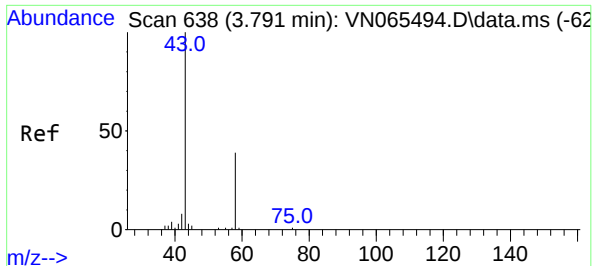


Instrument :
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ClientSampleId :
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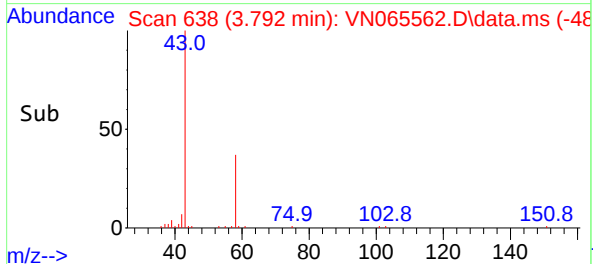
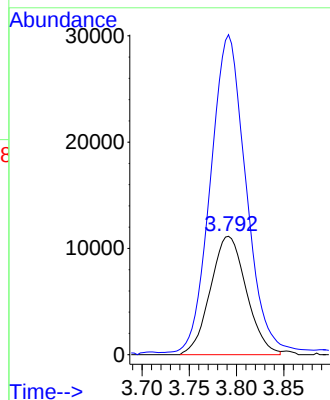
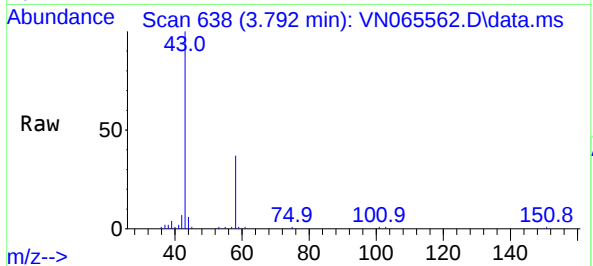


#15
Acetone
Concen: 95.60 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 58 Resp: 29482
Ion Ratio Lower Upper
58 100
43 265.7 203.4 305.0

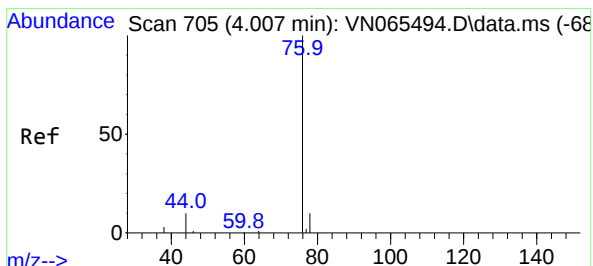
Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

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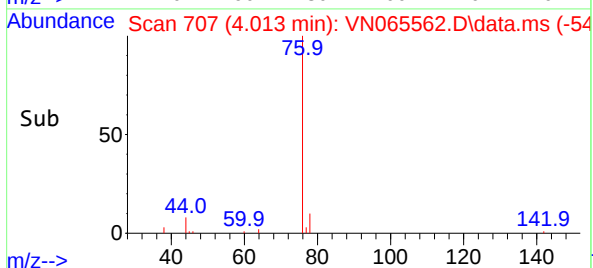
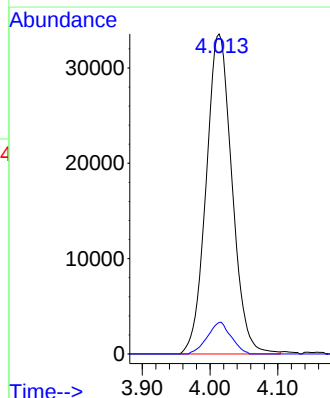
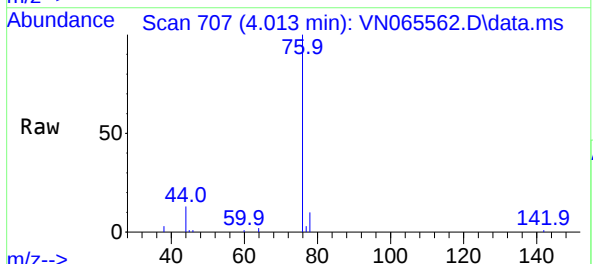
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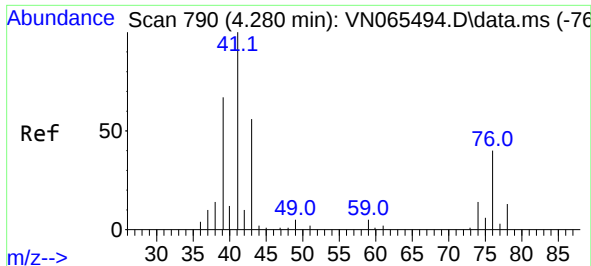
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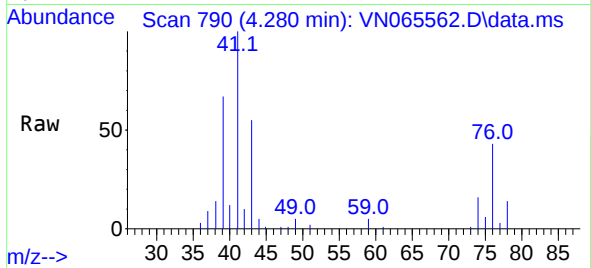
#16
Carbon Disulfide
Concen: 16.13 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.007 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 76 Resp: 88881
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

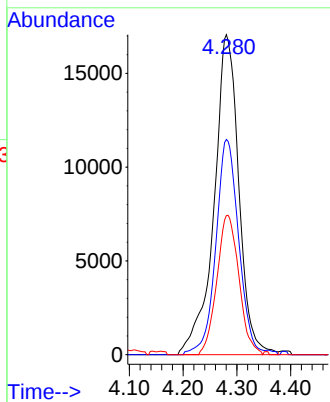
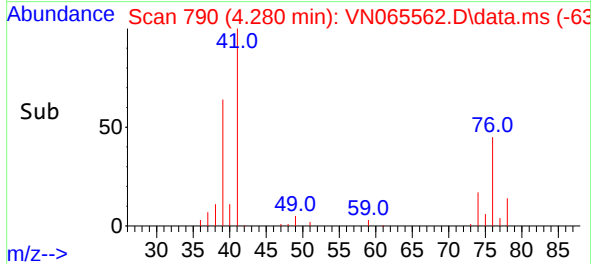




#17
Allyl chloride
Concen: 17.04 ug/l
RT: 4.280 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion:	41	Resp:	54728
Ion	Ratio	Lower	Upper
41	100		
39	67.3	33.5	100.5
76	43.4	20.3	60.8

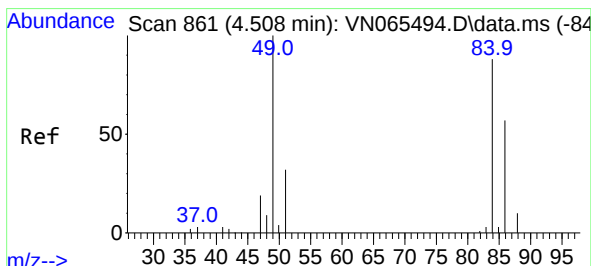


Instrument :
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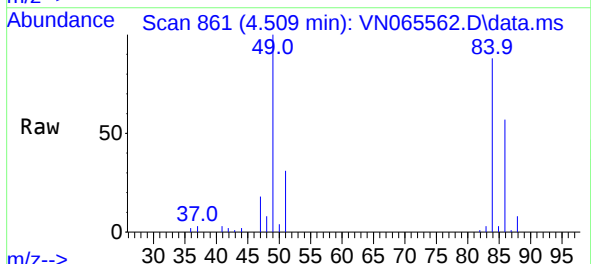
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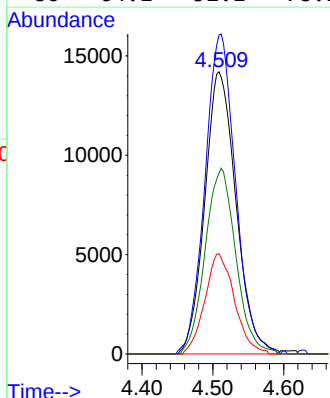
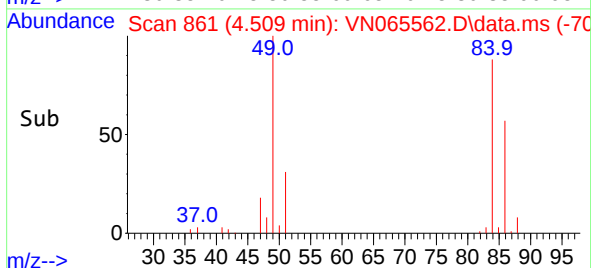
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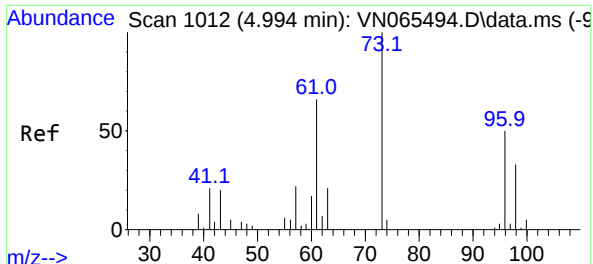


#18
Methylene Chloride
Concen: 17.69 ug/l
RT: 4.509 min Scan# 861
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

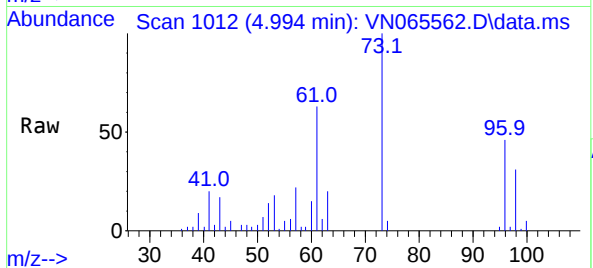


Tgt Ion:	84	Resp:	43504
Ion	Ratio	Lower	Upper
84	100		
49	111.9	91.3	136.9
51	35.5	28.8	43.2
86	64.1	52.1	78.1

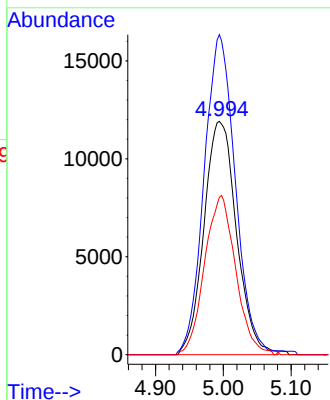
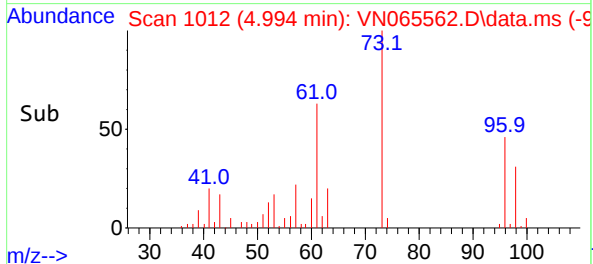




#19
trans-1,2-Dichloroethene
Concen: 17.44 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion: 96 Resp: 39779
Ion Ratio Lower Upper
96 100
61 135.8 106.2 159.2
98 67.4 52.4 78.6

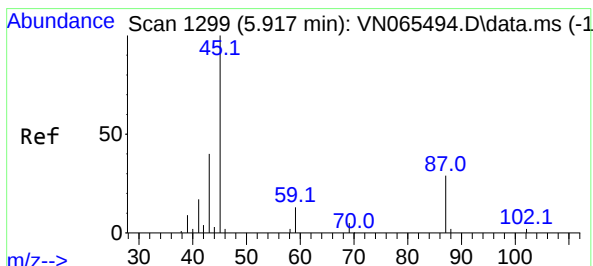


Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

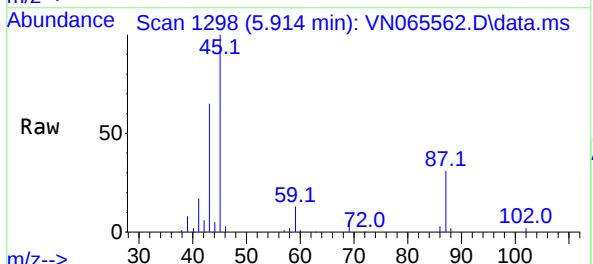
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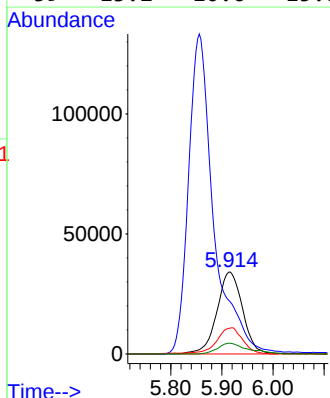
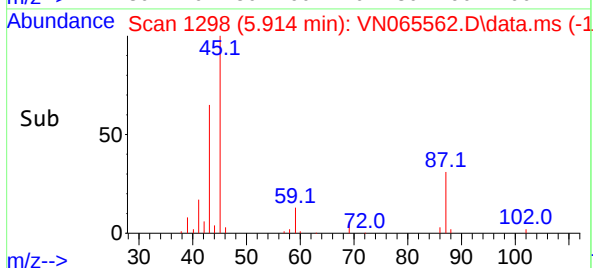
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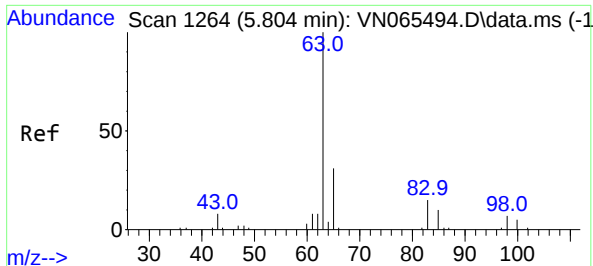


#20
Diisopropyl ether
Concen: 17.65 ug/l
RT: 5.914 min Scan# 1298
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion: 45 Resp: 118769
Ion Ratio Lower Upper
45 100
43 61.9 50.4 75.6
87 31.2 24.5 36.7
59 13.2 10.6 15.8



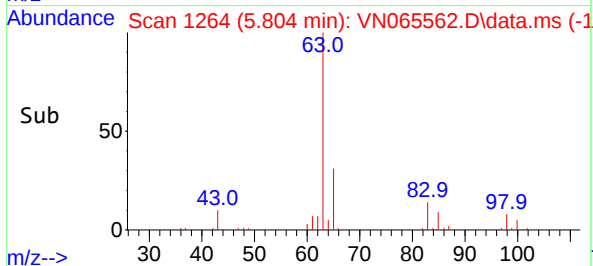
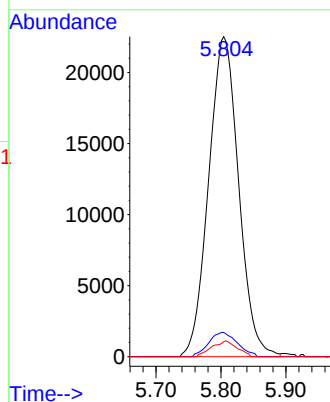
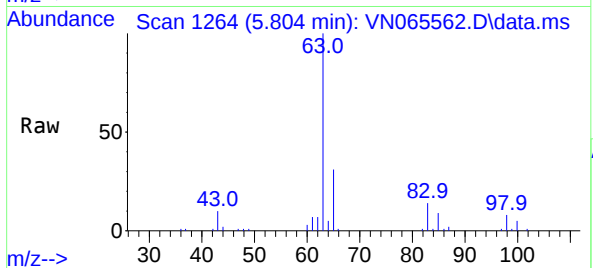


#21
1,1-Dichloroethane
Concen: 17.96 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

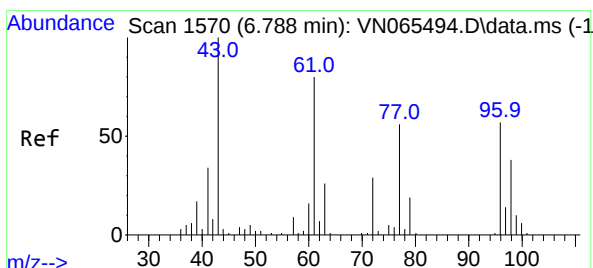
Tgt Ion:	63	Resp:	72221
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.3	9.9
100	4.7	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

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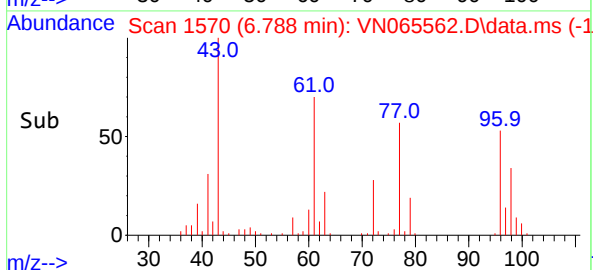
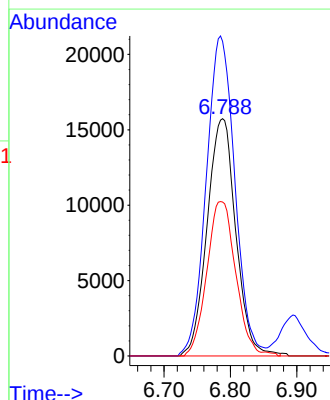
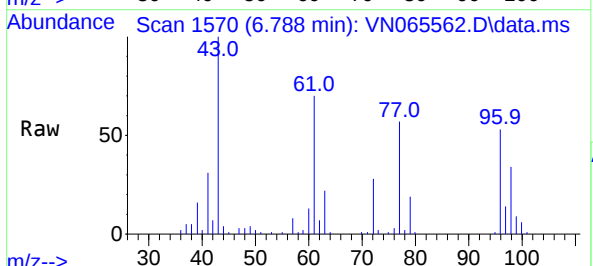
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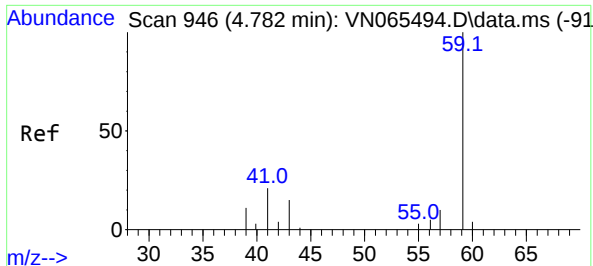


#22
cis-1,2-Dichloroethene
Concen: 17.90 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	96	Resp:	47283
Ion Ratio	Lower	Upper	
96	100		
61	134.3	112.5	168.7
98	65.0	52.2	78.2

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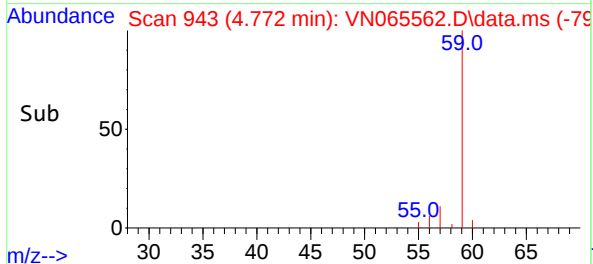
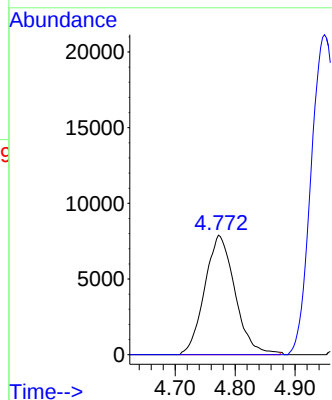
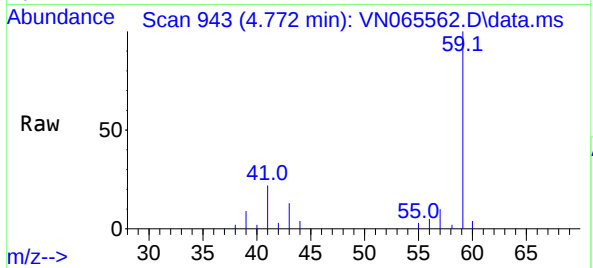


#23
tert-Butyl Alcohol
Concen: 89.35 ug/l
RT: 4.772 min Scan# 943
Delta R.T. -0.009 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 59 Resp: 27768
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

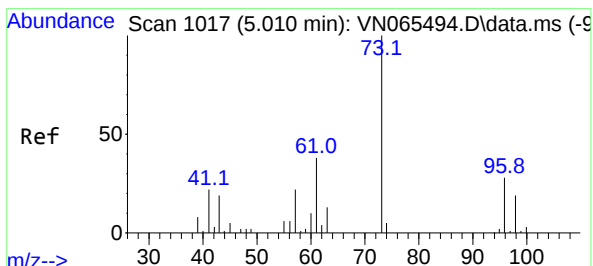
Instrument :
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ClientSampled :
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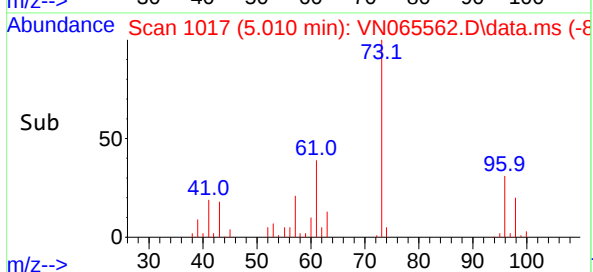
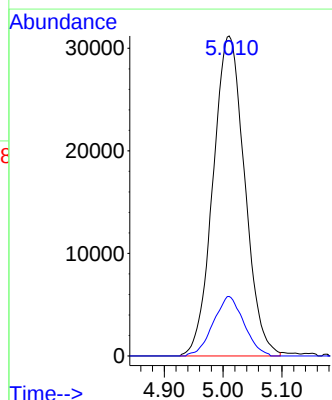
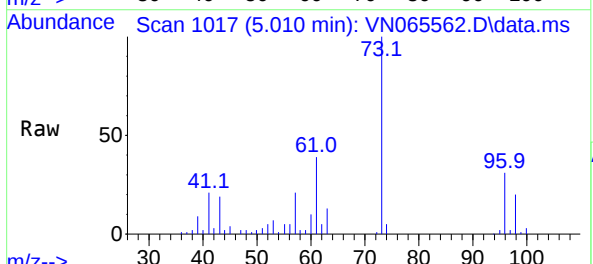
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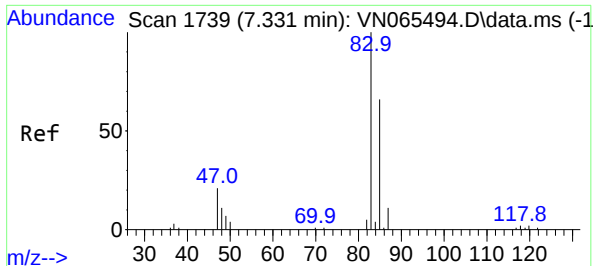
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#24
Methyl tert-Butyl Ether
Concen: 17.56 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 73 Resp: 116722
Ion Ratio Lower Upper
73 100
43 18.1 15.4 23.2





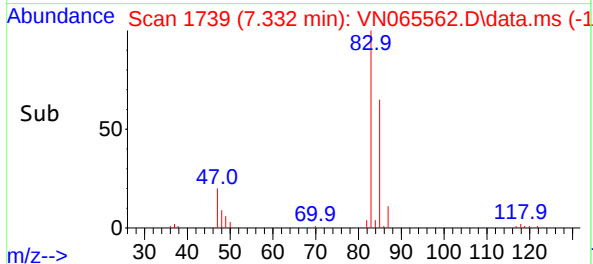
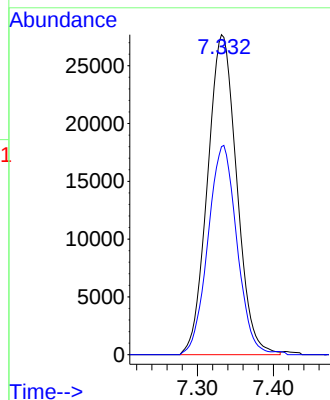
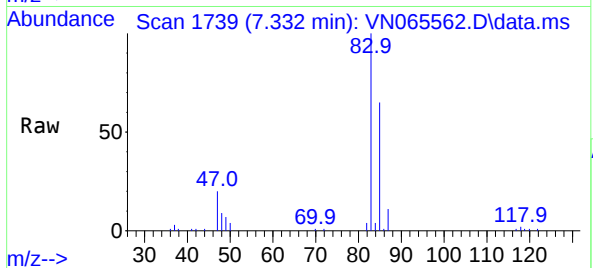
#25

Chloroform
Concen: 17.81 ug/l
RT: 7.332 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 83 Resp: 73864
Ion Ratio Lower Upper
83 100
85 65.0 53.0 79.4

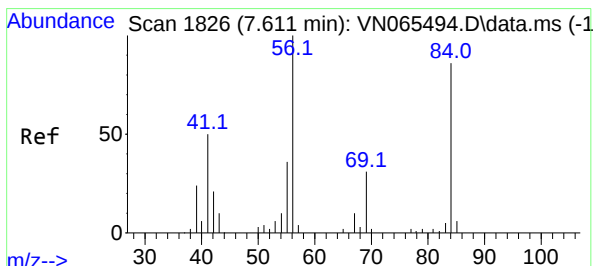
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

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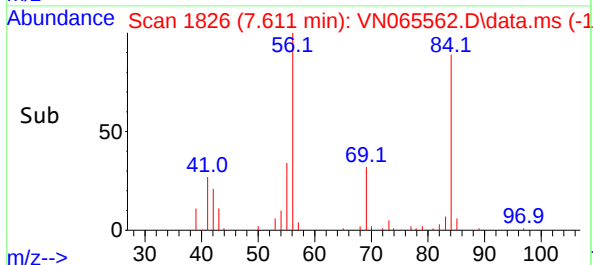
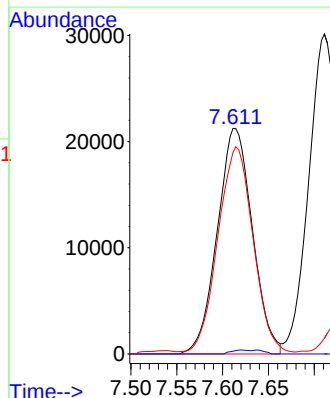
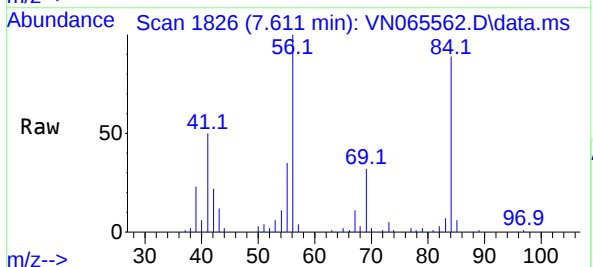
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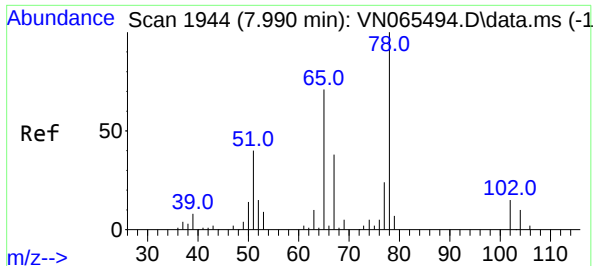


#26

Cyclohexane
Concen: 16.74 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 56 Resp: 56503
Ion Ratio Lower Upper
56 100
89 0.9 0.0 0.0#
84 92.7 72.8 109.2



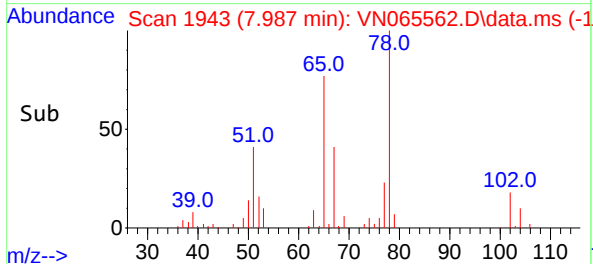
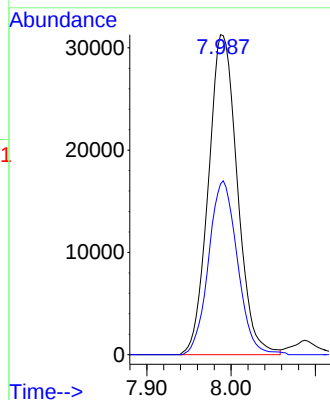
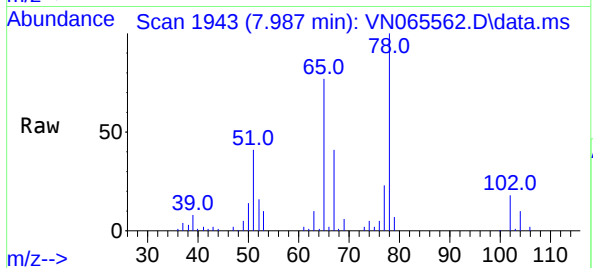


#27
1,2-Dichloroethane-d4
Concen: 29.00 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

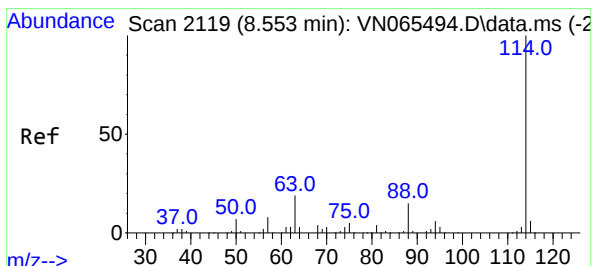
Tgt Ion: 65 Resp: 74675
Ion Ratio Lower Upper
65 100
67 54.0 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
APPROVED



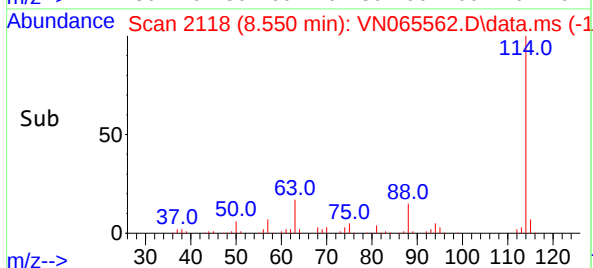
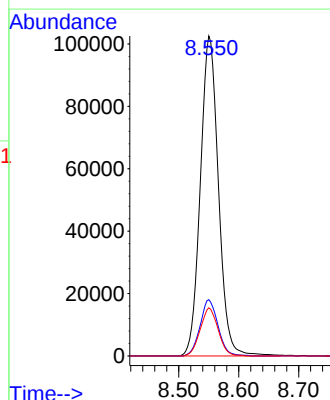
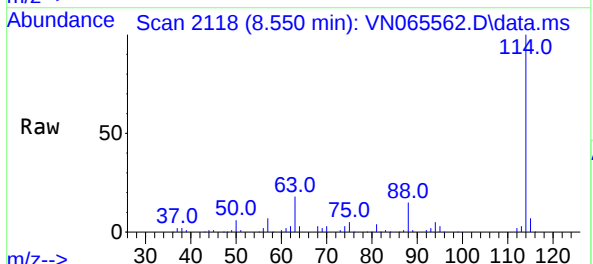
SAM

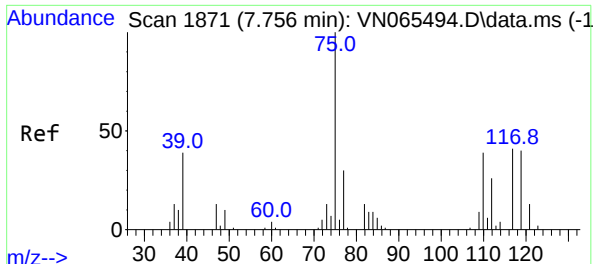


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 114 Resp: 215655
Ion Ratio Lower Upper
114 100
63 17.4 14.7 22.1
88 14.9 11.7 17.5

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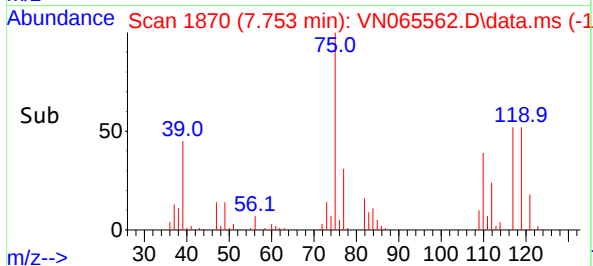
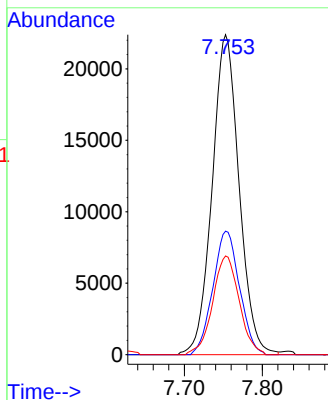
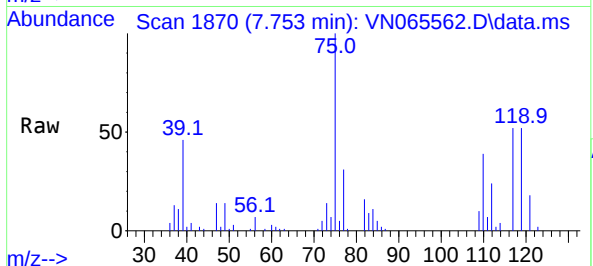


#29
1,1-Dichloropropene
Concen: 17.53 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

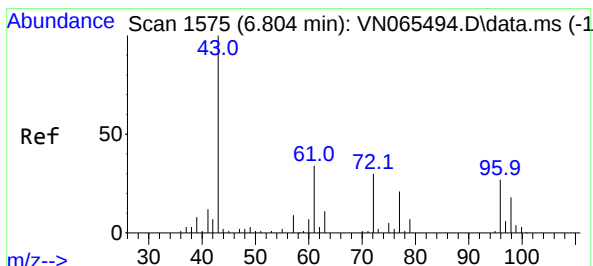
Tgt Ion: 75	Resp: 53735
Ion Ratio	Lower Upper
75 100	
110 38.2	0.0 74.2
77 30.4	0.0 61.0

Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

Manual Integrations
APPROVED



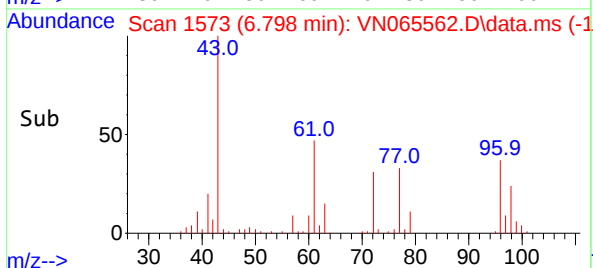
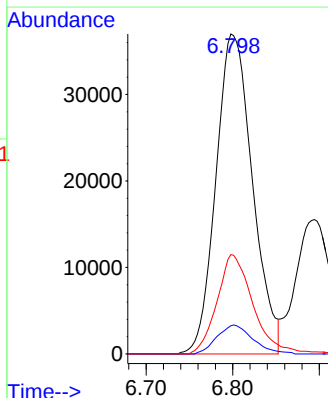
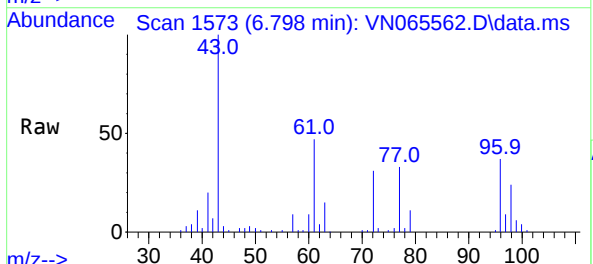
SAM

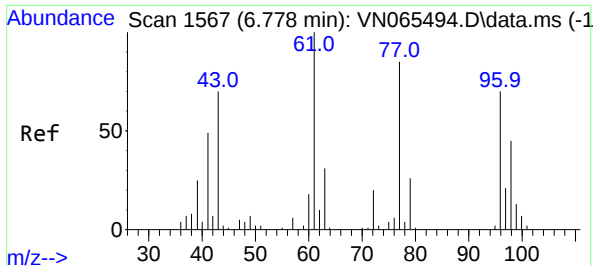


#30
2-Butanone
Concen: 87.67 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 43	Resp: 108363		
Ion Ratio	Lower	Upper	
43	100		
57	8.9	7.0	10.4
72	30.4	23.6	35.4

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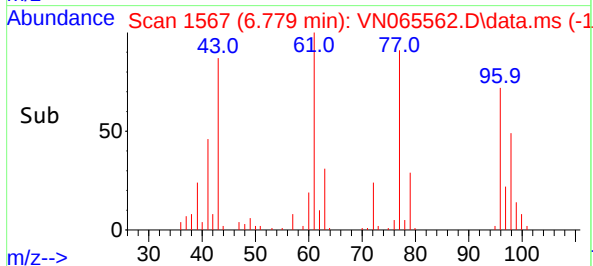
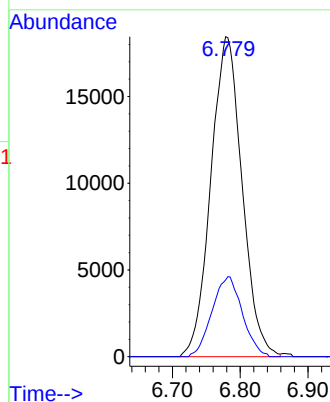
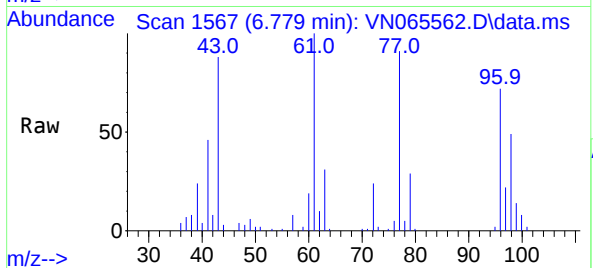


#31
2,2-Dichloropropane
Concen: 18.64 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

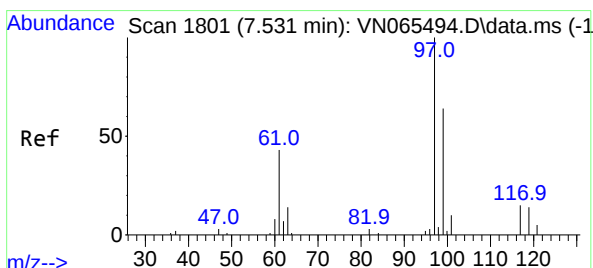
Tgt Ion: 77 Resp: 58994
Ion Ratio Lower Upper
77 100
97 24.3 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
APPROVED



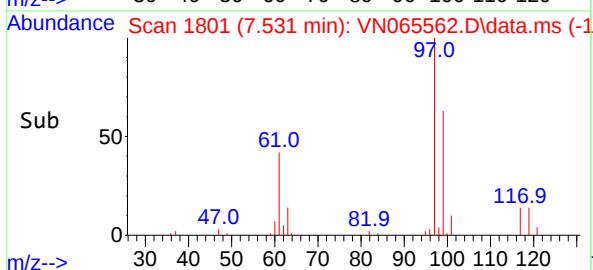
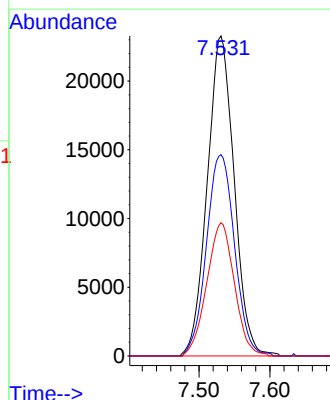
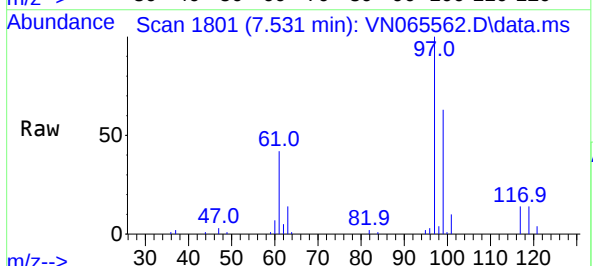
SAM

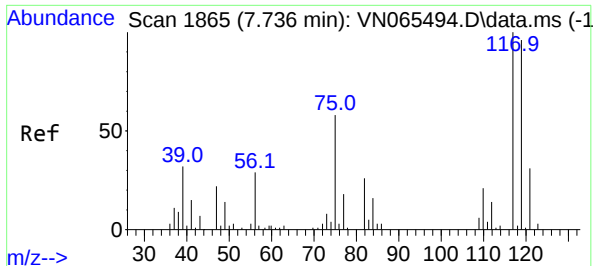


#32
1,1,1-Trichloroethane
Concen: 17.75 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 97 Resp: 61526
Ion Ratio Lower Upper
97 100
99 65.5 51.5 77.3
61 42.7 34.7 52.1

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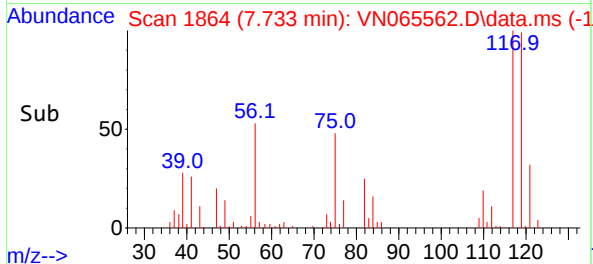
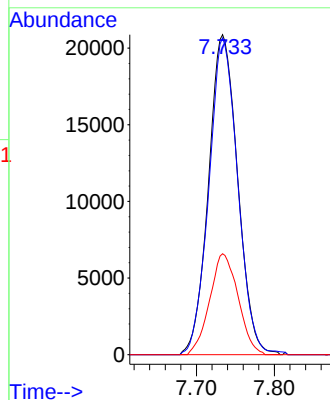
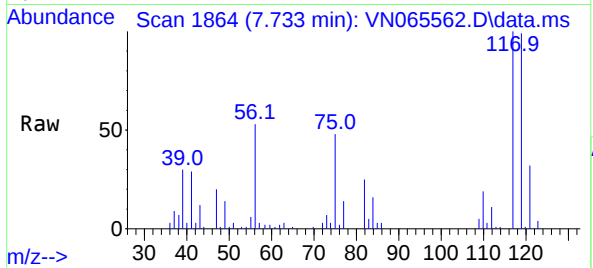


#33
Carbon Tetrachloride
Concen: 17.76 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

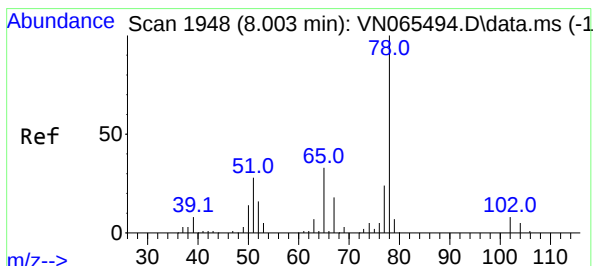
Tgt Ion:117 Resp: 54171
Ion Ratio Lower Upper
117 100
119 98.9 77.0 115.4
121 31.5 24.8 37.2

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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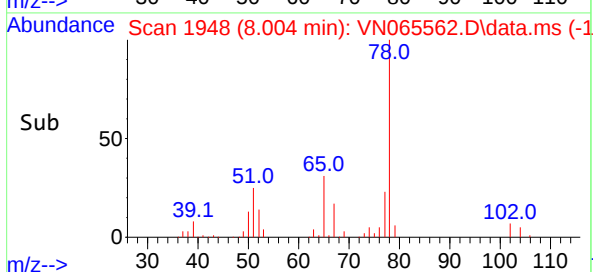
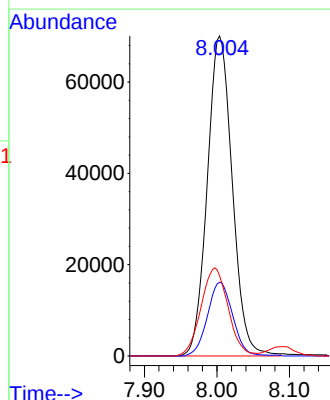
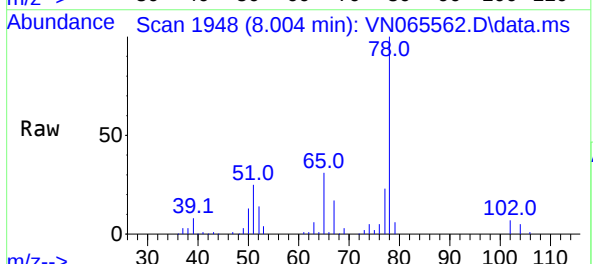
SAM

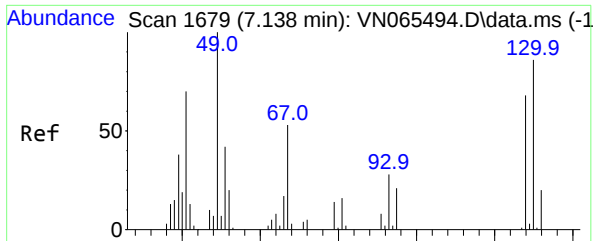


#34
Benzene
Concen: 17.83 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 78 Resp: 168107
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6
51 24.7 22.1 33.1

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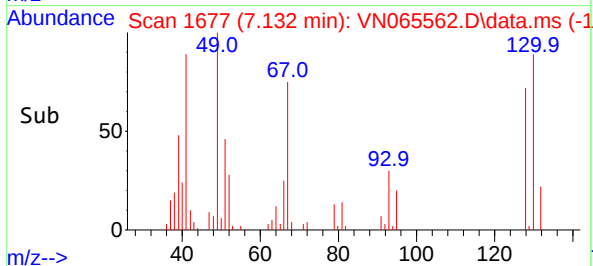
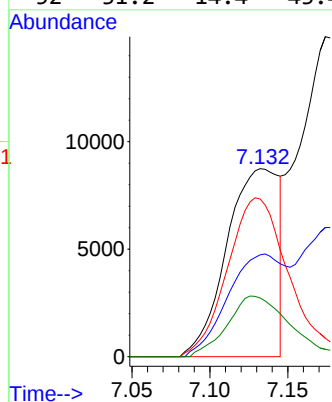
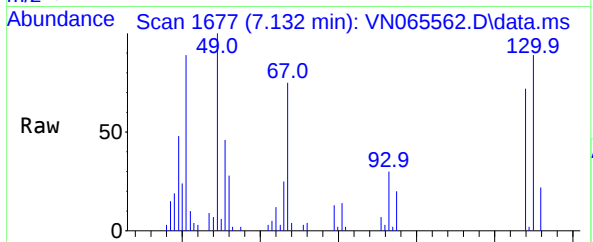
#35
Methacrylonitrile
Concen: 15.85 ug/l
RT: 7.132 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 41 Resp: 20337

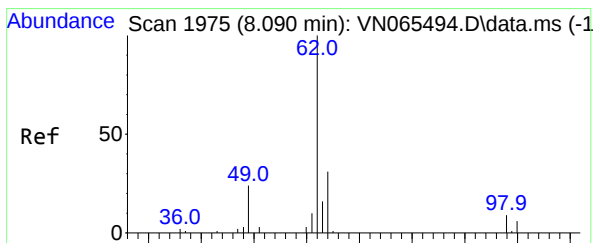
Ion	Ratio	Lower	Upper
41	100		
39	54.1	26.8	80.3
67	83.9	38.0	113.9
52	31.2	14.4	43.4

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
APPROVED



SAM

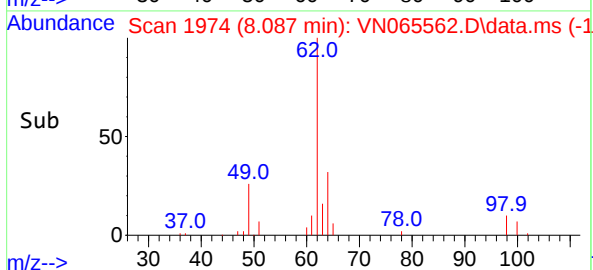
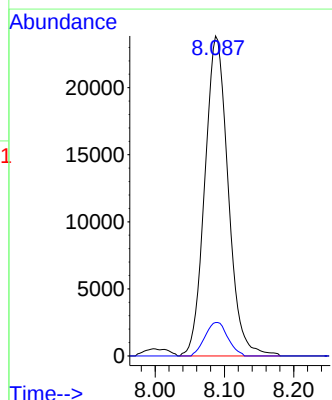
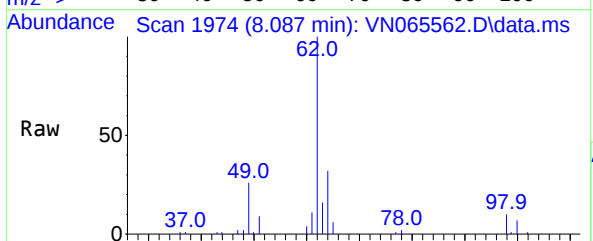


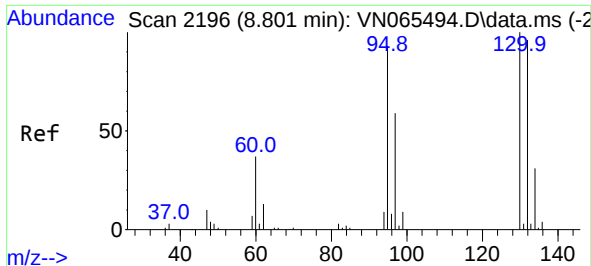
#36
1,2-Dichloroethane
Concen: 17.95 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 62 Resp: 55856

Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.4	11.2

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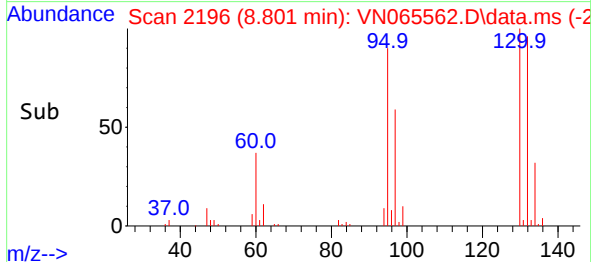
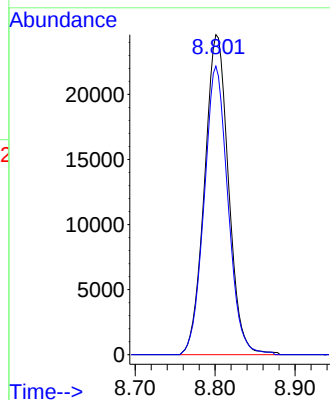
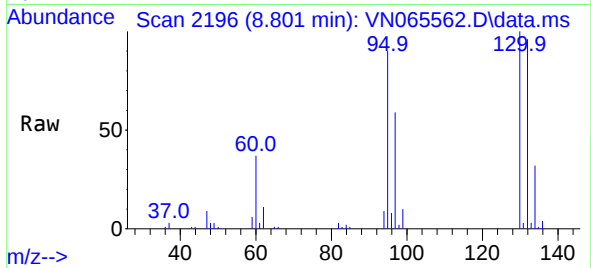


#37
Trichloroethene
Concen: 18.31 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

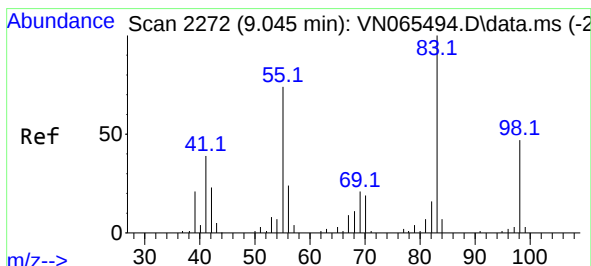
Tgt Ion:130 Resp: 51408
Ion Ratio Lower Upper
130 100
95 90.2 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
APPROVED



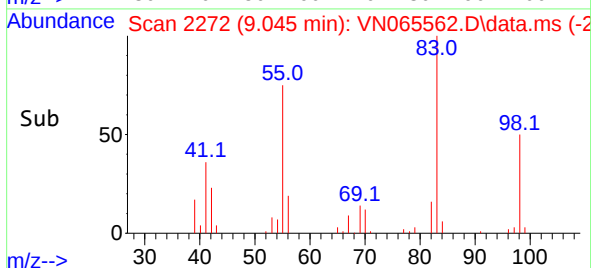
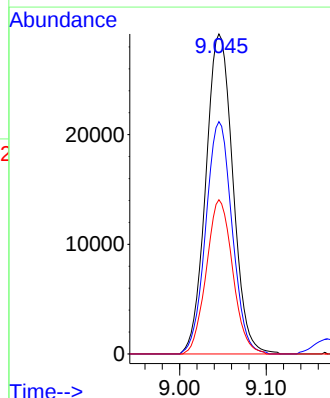
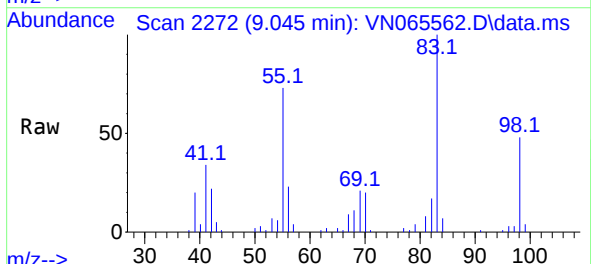
SAM

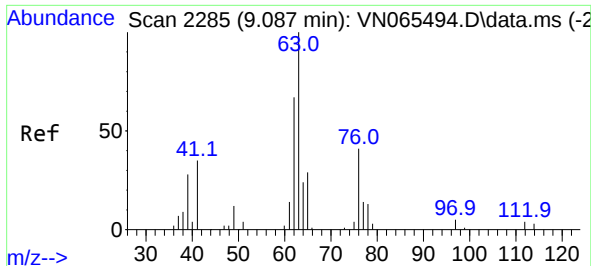


#38
Methylcyclohexane
Concen: 17.81 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 83 Resp: 63363
Ion Ratio Lower Upper
83 100
55 70.8 37.2 111.6
98 46.9 23.8 71.4

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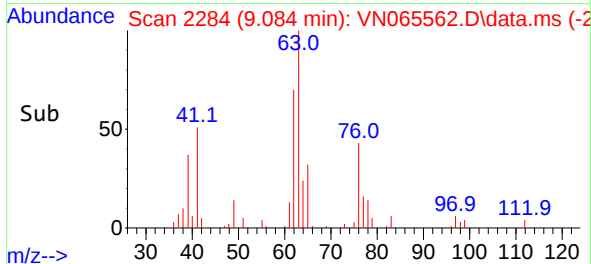
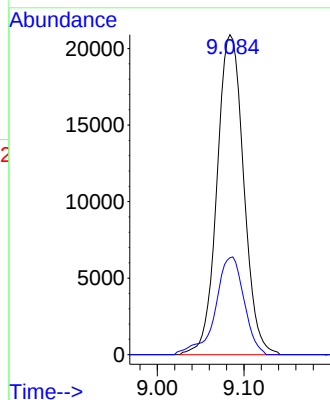
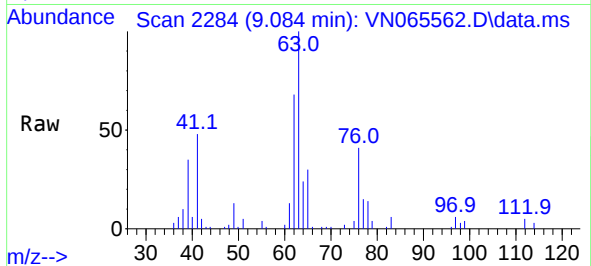


#39
1,2-Dichloropropane
Concen: 18.29 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

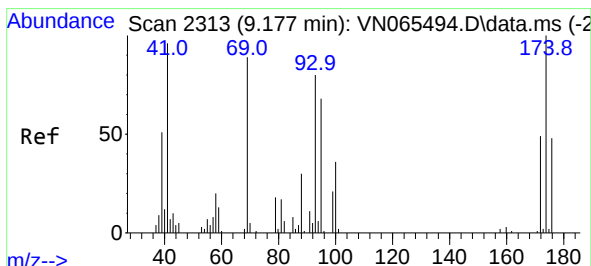
Tgt Ion: 63 Resp: 44778
Ion Ratio Lower Upper
63 100
65 30.3 24.1 36.1

Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

Manual Integrations
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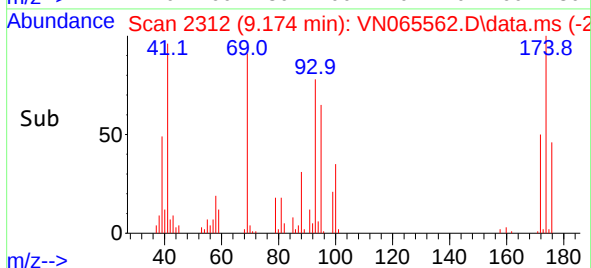
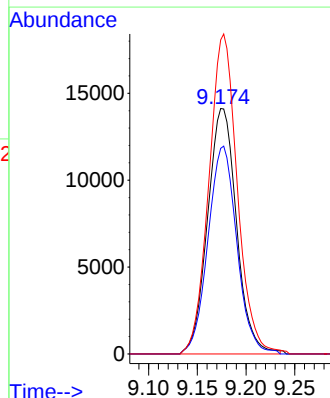
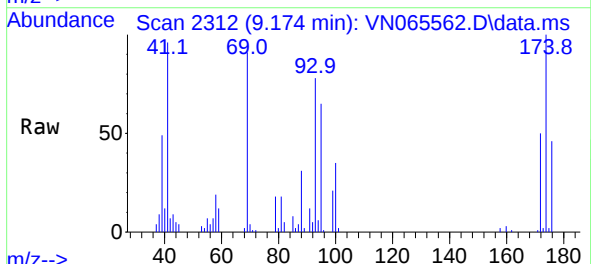
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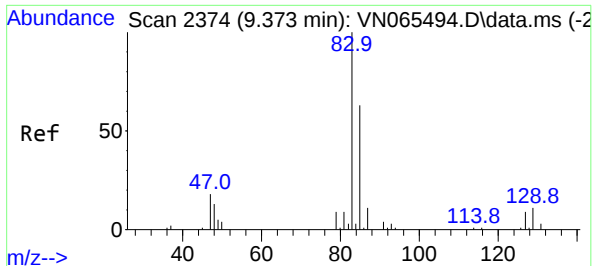


#40
Dibromomethane
Concen: 17.79 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 93 Resp: 29172
Ion Ratio Lower Upper
93 100
95 84.4 0.0 168.6
174 128.0 0.0 246.4

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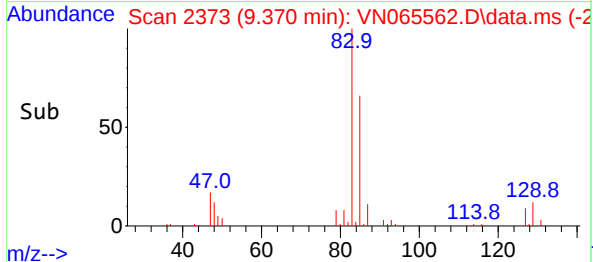
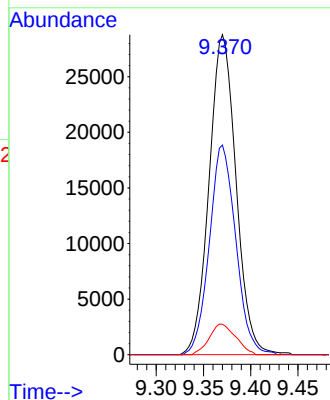
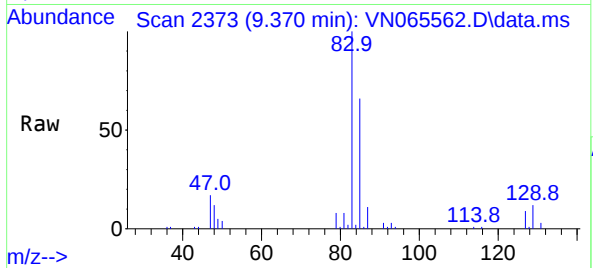


#41
Bromodichloromethane
Concen: 17.98 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

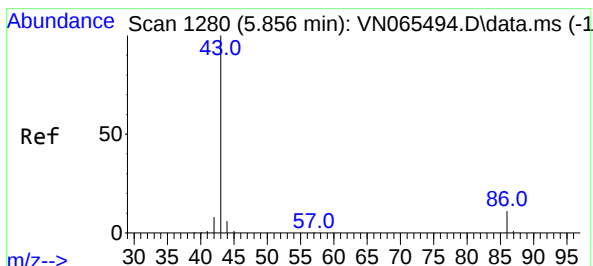
Tgt Ion: 83 Resp: 57123
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1
127 9.5 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
APPROVED



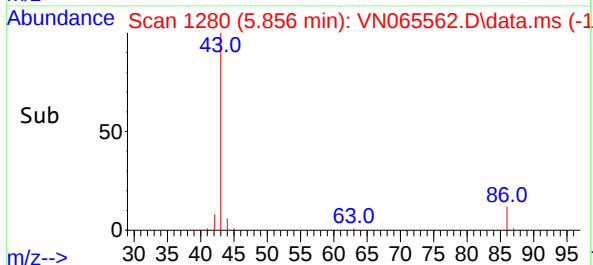
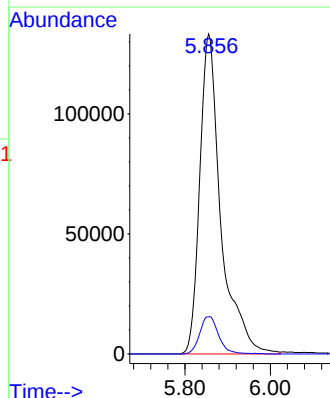
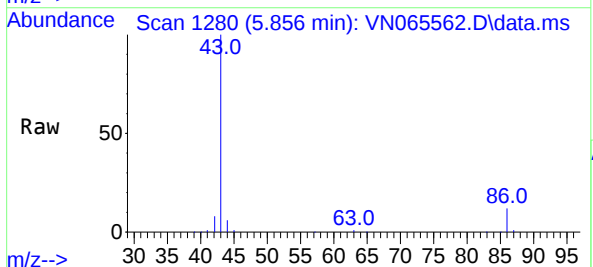
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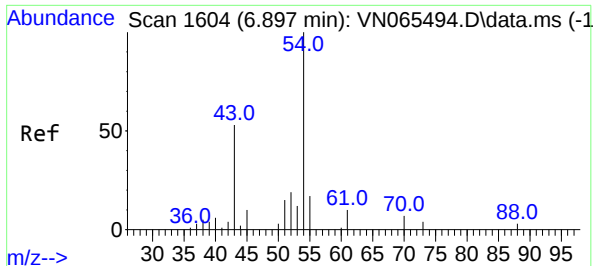


#42
Vinyl Acetate
Concen: 85.25 ug/l
RT: 5.856 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 43 Resp: 456867
Ion Ratio Lower Upper
43 100
86 10.4 7.9 11.9

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#43

Ethyl Acetate

Concen: 16.73 ug/l

RT: 6.894 min Scan# 1603

Delta R.T. -0.003 min

Lab File: VN065562.D

Acq: 20 Jan 2021 11:21

Tgt Ion: 43 Resp: 44200

Ion Ratio Lower Upper

43 100

45 15.0 12.9 19.3

Instrument :

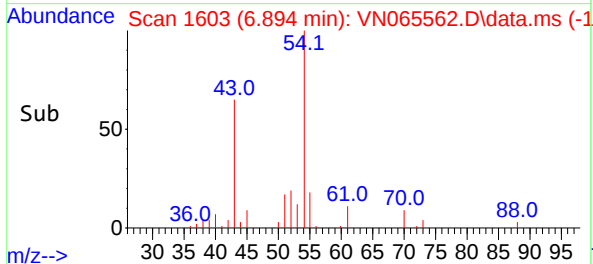
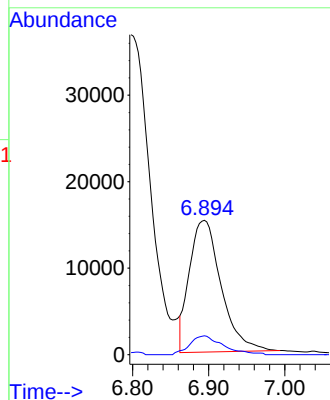
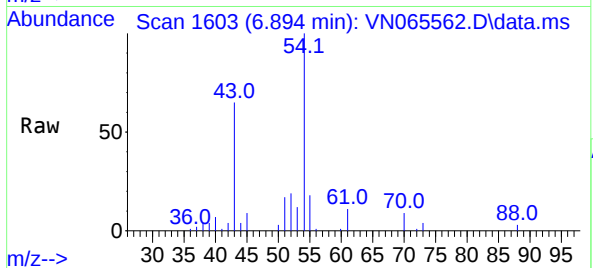
MSVOA_N

ClientSampleId :

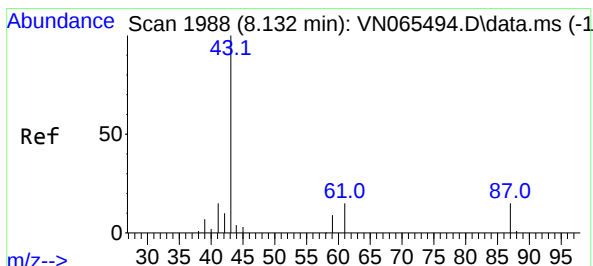
VN0120WBS01

Manual Integrations

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#44

Isopropyl Acetate

Concen: 16.73 ug/l

RT: 8.132 min Scan# 1988

Delta R.T. 0.000 min

Lab File: VN065562.D

Acq: 20 Jan 2021 11:21

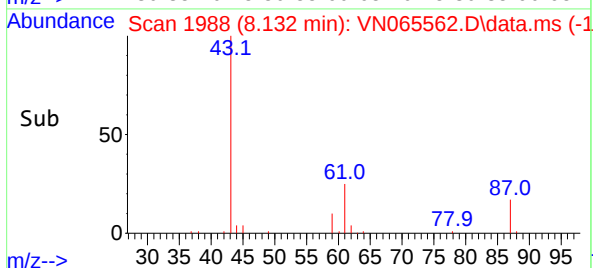
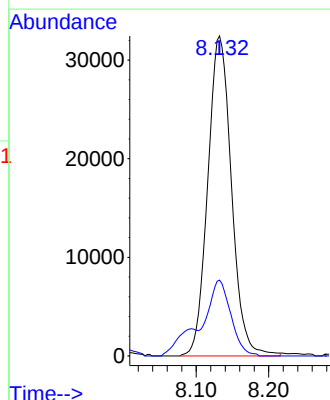
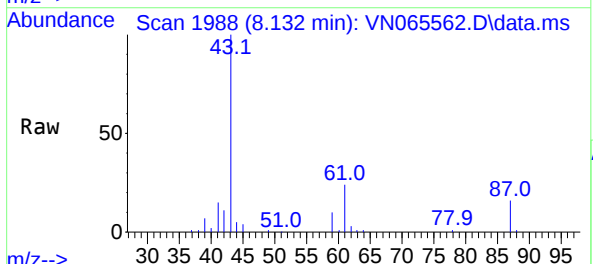
Tgt Ion: 43 Resp: 73773

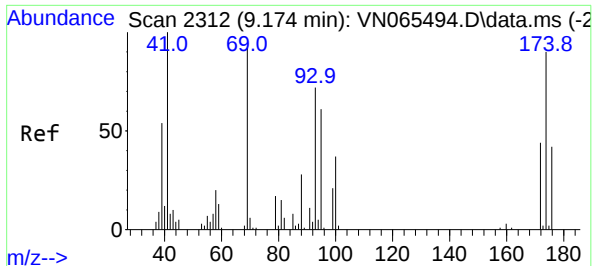
Ion Ratio Lower Upper

43 100

61 22.2 16.8 25.2

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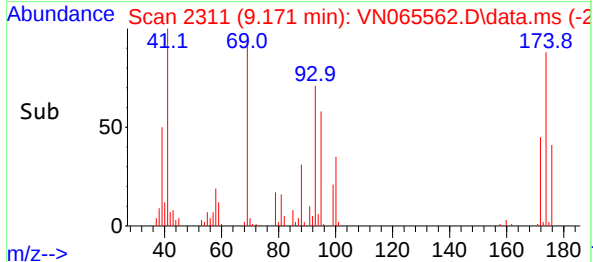
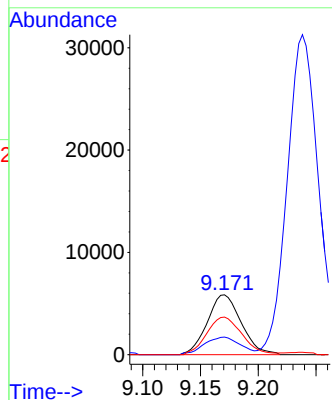
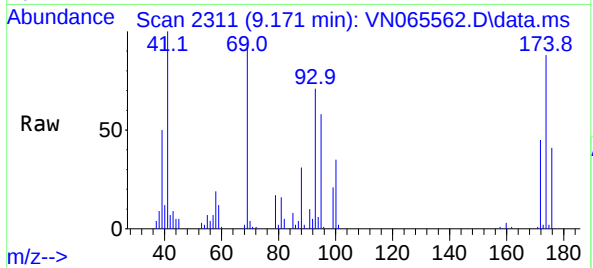


#45
1,4-Dioxane
Concen: 381.46 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 88 Resp: 11965
Ion Ratio Lower Upper
88 100
43 30.9 28.3 42.5
58 64.9 53.8 80.6

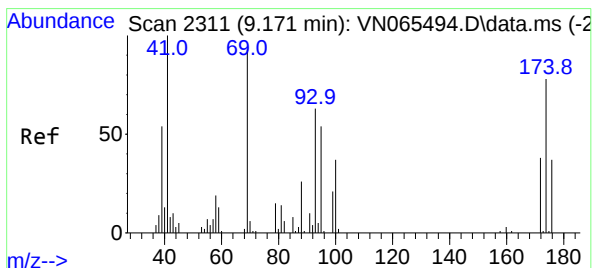
Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

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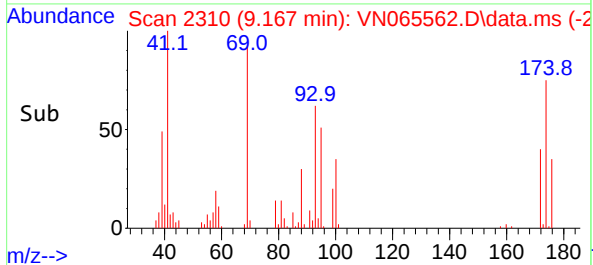
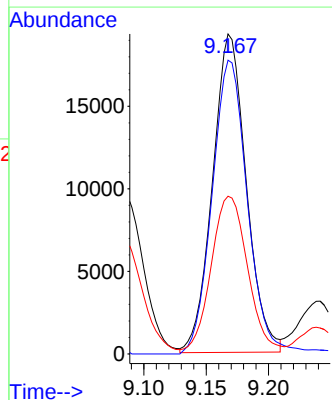
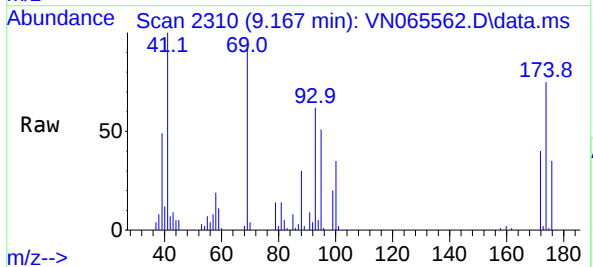
SAM

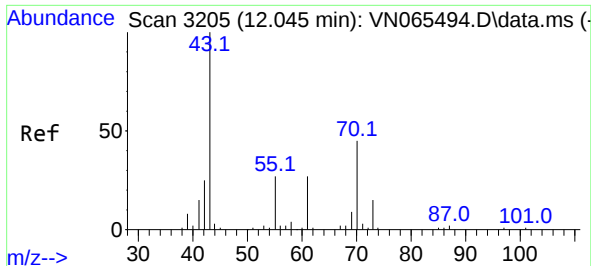
1/21/2021 6:33:20 PM



#46
Methyl methacrylate
Concen: 16.70 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 41 Resp: 36359
Ion Ratio Lower Upper
41 100
69 93.3 46.3 138.8
39 48.8 26.8 80.3



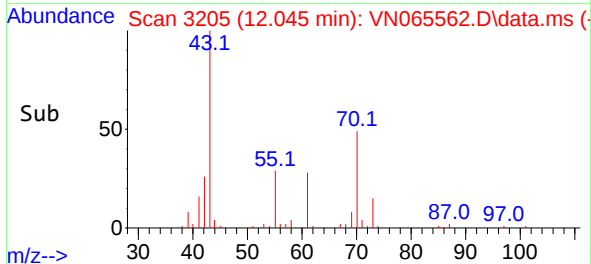
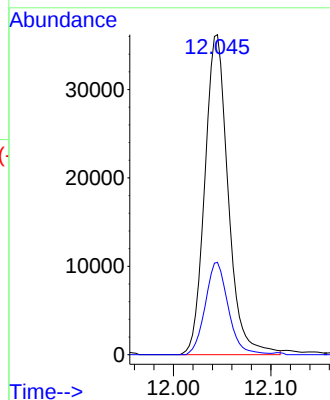
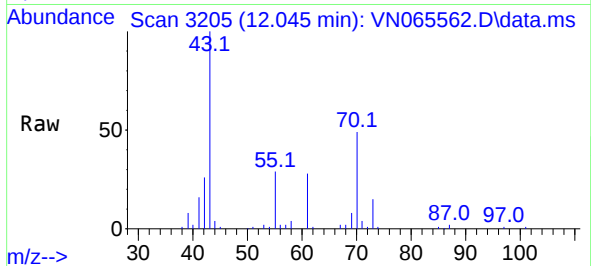


#47
n-amy1 Acetate
Concen: 15.83 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

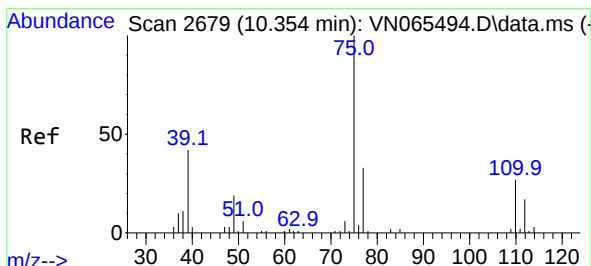
Tgt Ion: 43 Resp: 60377
Ion Ratio Lower Upper
43 100
55 28.4 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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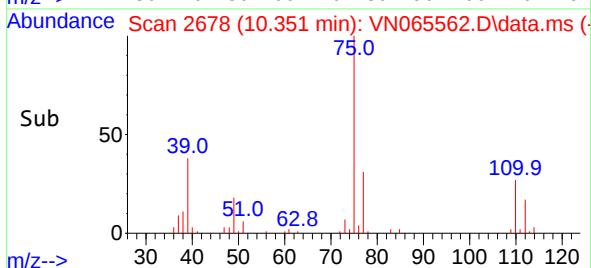
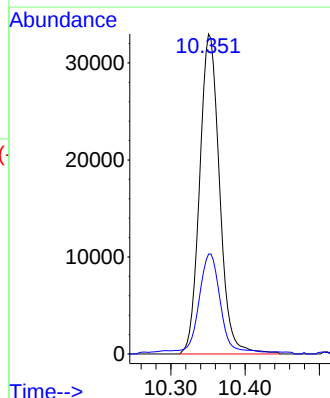
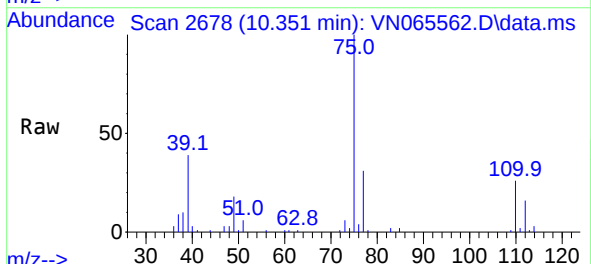
SAM

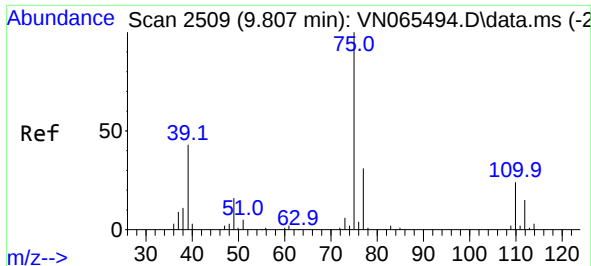


#48
t-1,3-Dichloropropene
Concen: 17.44 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 75 Resp: 61463
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7

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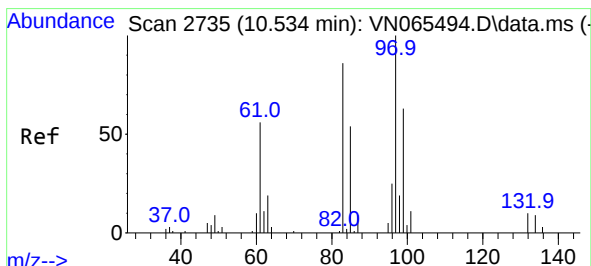
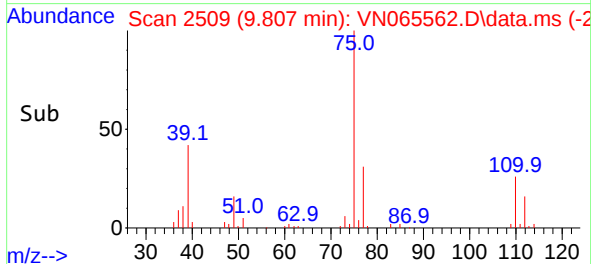
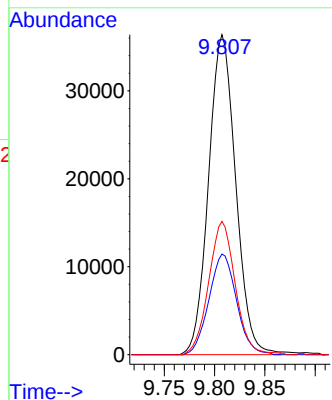
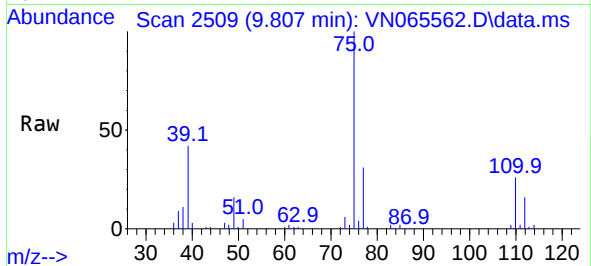


#49
cis-1,3-Dichloropropene
Concen: 17.61 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	75	Resp:	68213
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	41.7	34.4	51.6

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

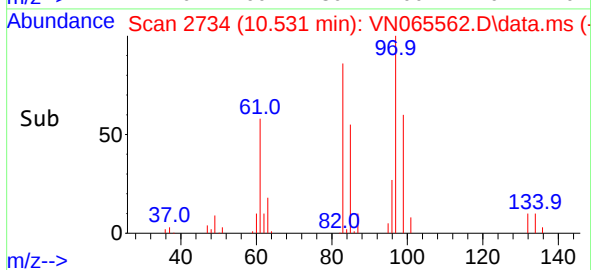
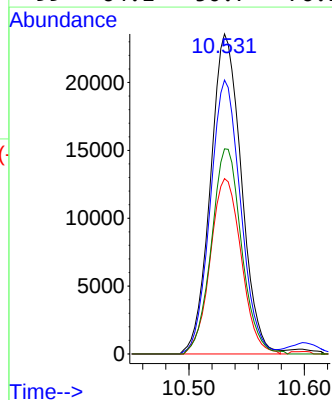
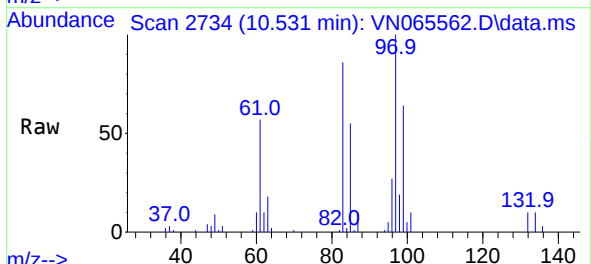
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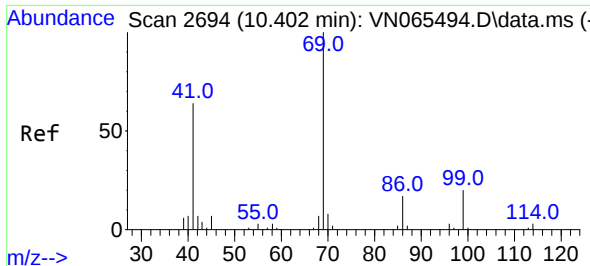


#50
1,1,2-Trichloroethane
Concen: 18.20 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	97	Resp:	43694
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.4	102.6
85	54.8	42.8	64.2
99	64.1	50.7	76.1

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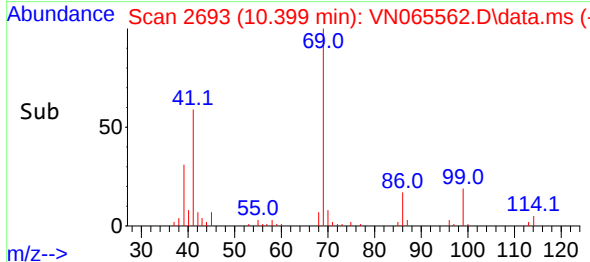
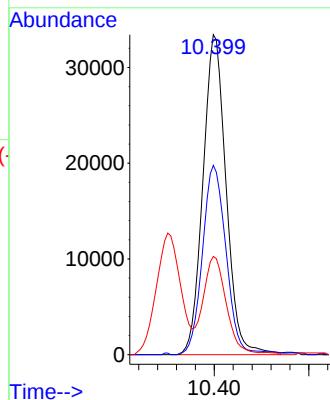
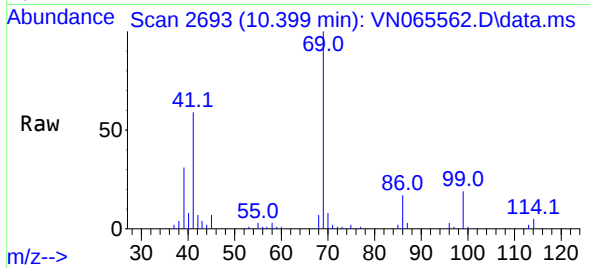


#51
Ethyl methacrylate
Concen: 16.90 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

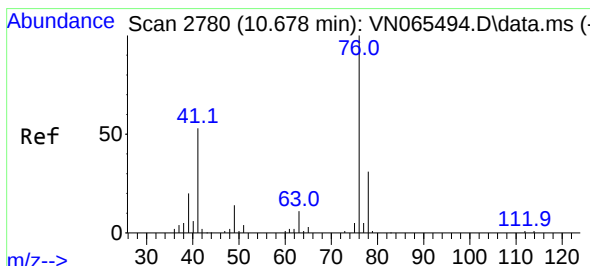
Tgt Ion: 69 Resp: 56843
Ion Ratio Lower Upper
69 100
41 58.7 31.9 95.7
39 30.7 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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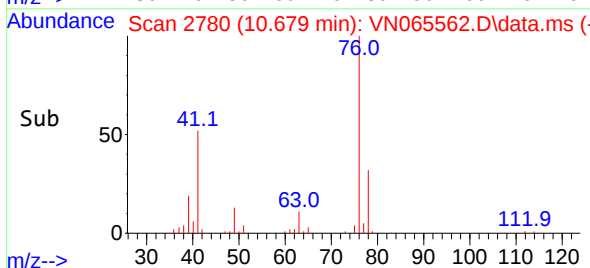
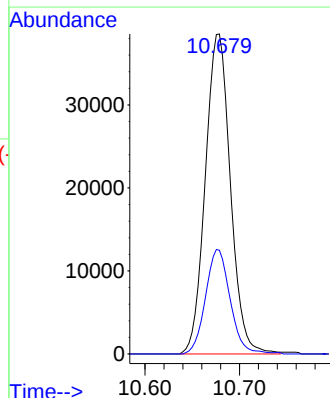
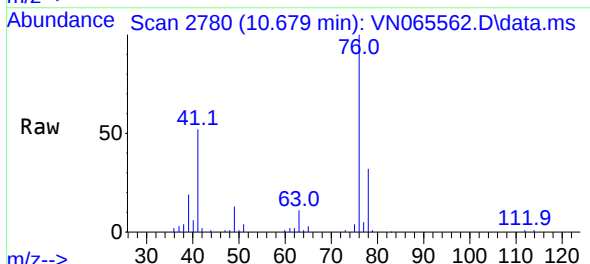
SAM

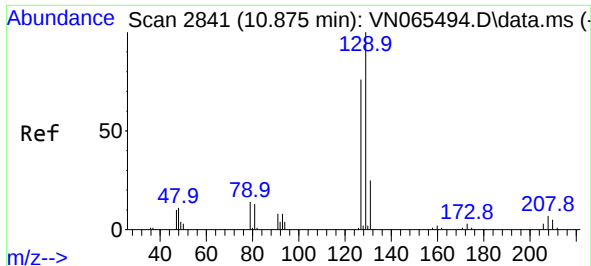


#52
1,3-Dichloropropane
Concen: 17.89 ug/l
RT: 10.679 min Scan# 2780
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 76 Resp: 71168
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.2

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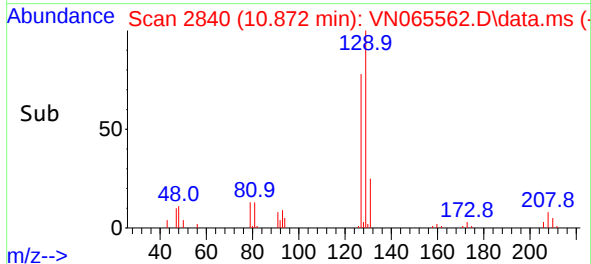
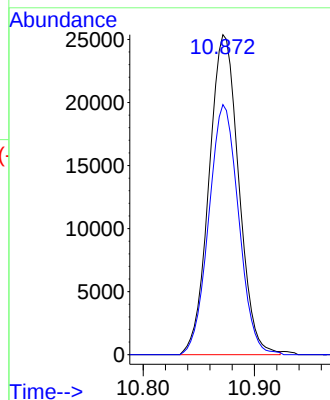
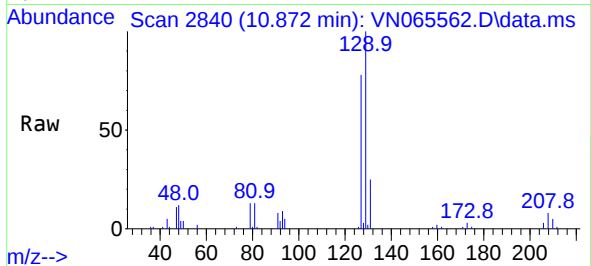


#53
Dibromochloromethane
Concen: 17.71 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

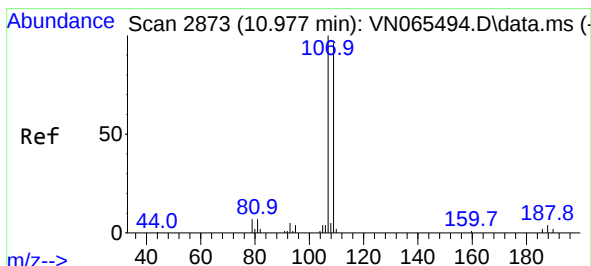
Tgt Ion:129 Resp: 47062
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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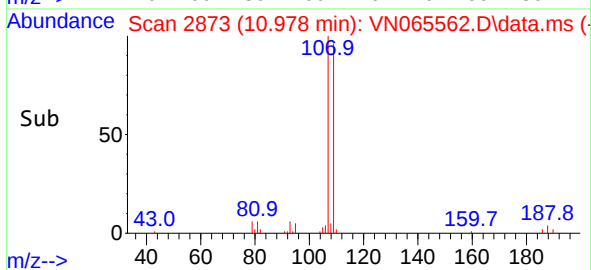
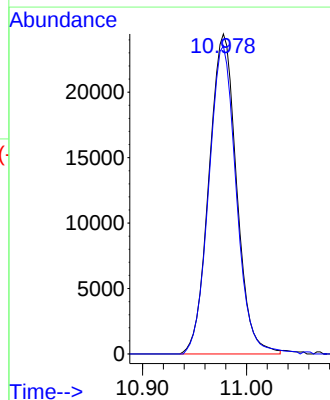
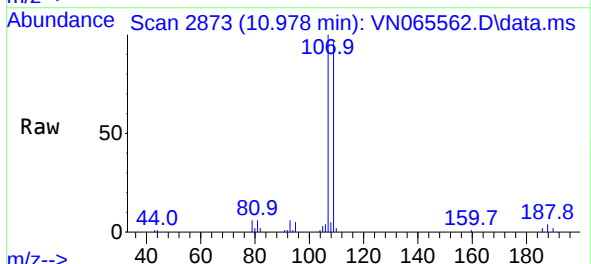
SAM

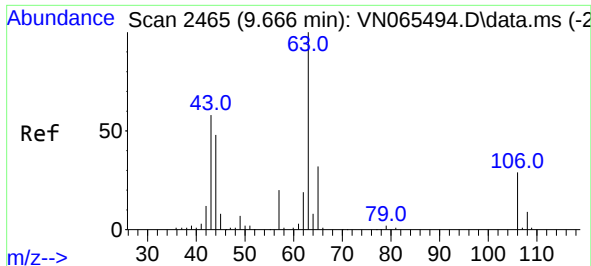


#54
1,2-Dibromoethane
Concen: 17.56 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:107 Resp: 45107
Ion Ratio Lower Upper
107 100
109 96.0 76.6 115.0

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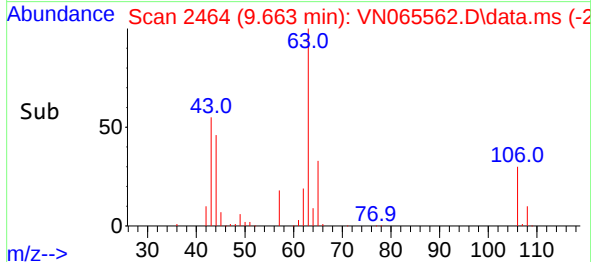
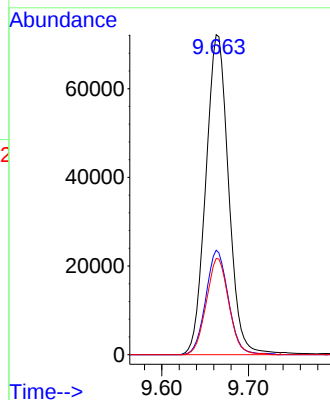
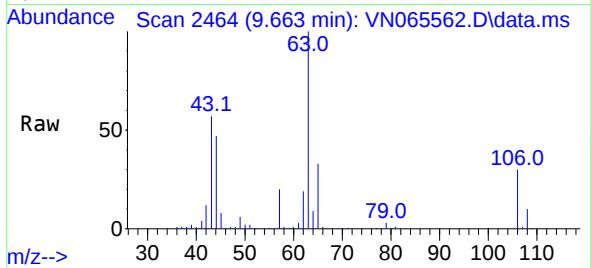


#55
2-Chloroethyl vinyl ether
Concen: 89.57 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	63	Resp:	131883
Ion Ratio	Lower	Upper	
63	100		
65	32.1	25.7	38.5
106	29.7	23.1	34.7

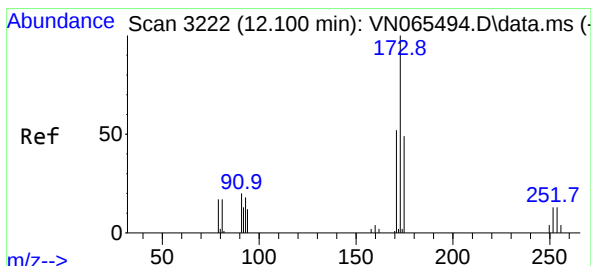
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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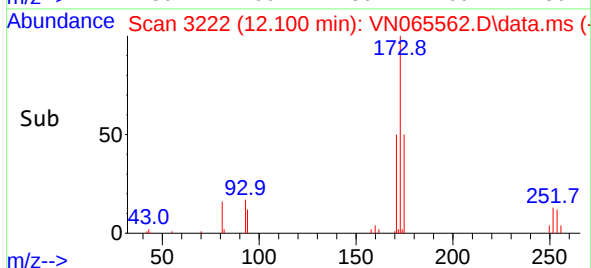
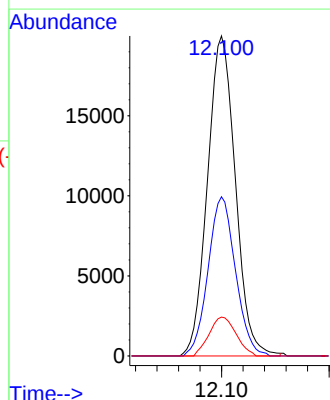
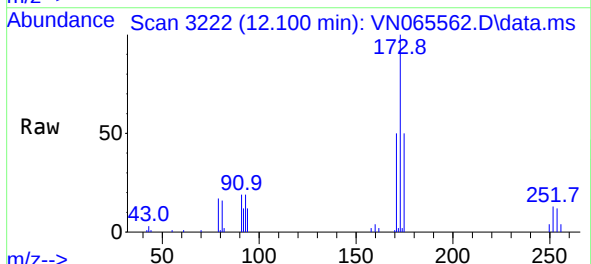
SAM

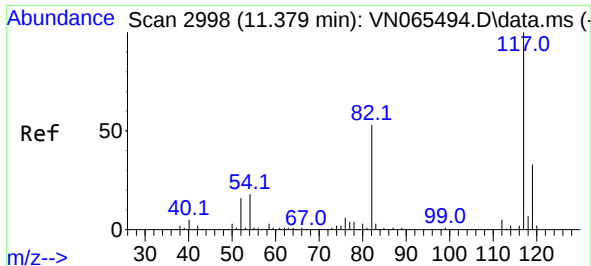
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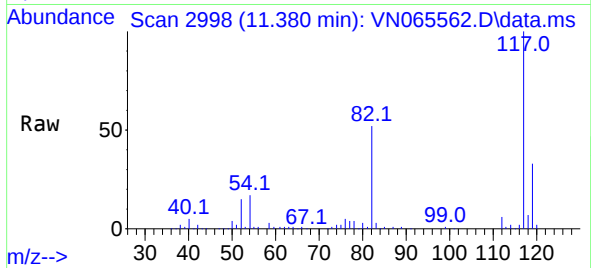
#56
Bromoform
Concen: 17.39 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	173	Resp:	35982
Ion Ratio	Lower	Upper	
173	100		
175	48.8	38.2	57.4
254	11.7	9.8	14.8

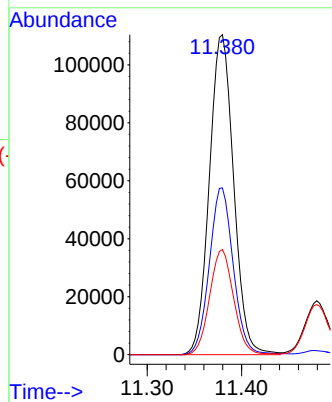
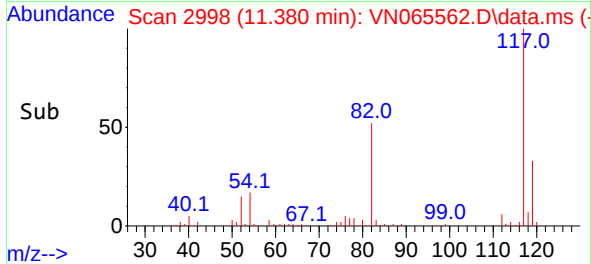




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion: 117 Resp: 197373
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.4 25.7 38.5

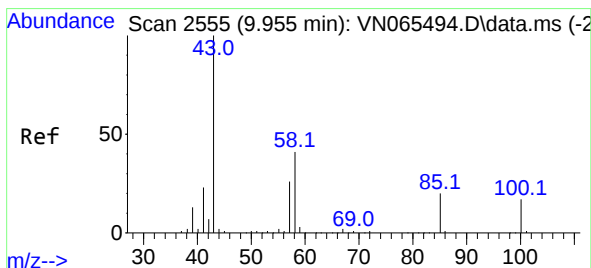


Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

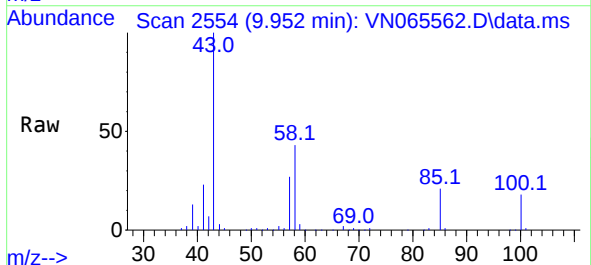
Manual Integrations
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SAM

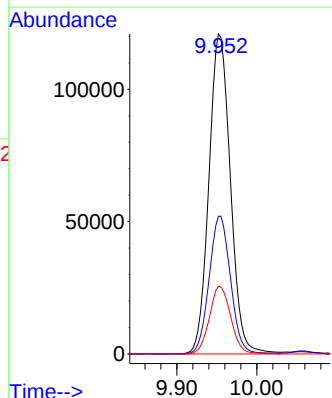
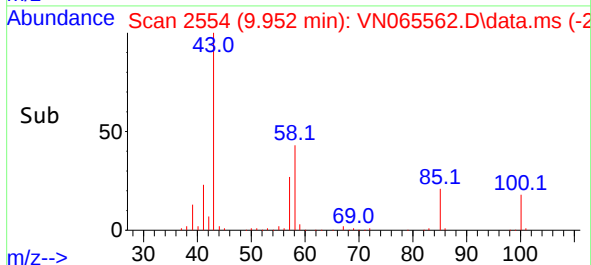
1/21/2021 6:33:20 PM

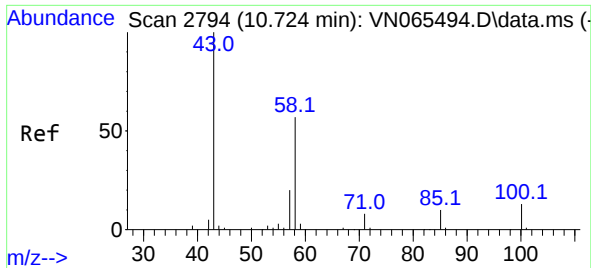


#58
4-Methyl-2-Pentanone
Concen: 86.22 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion: 43 Resp: 225874
Ion Ratio Lower Upper
43 100
58 42.9 32.7 49.1
85 20.9 16.0 24.0



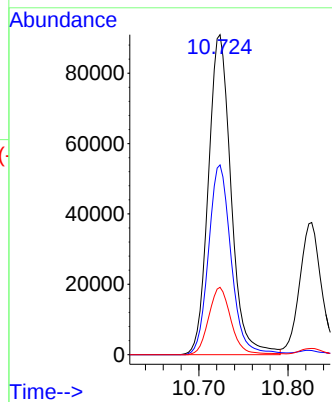
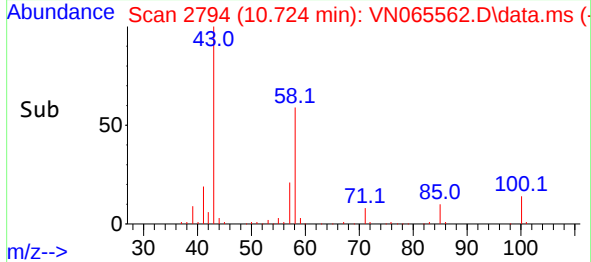
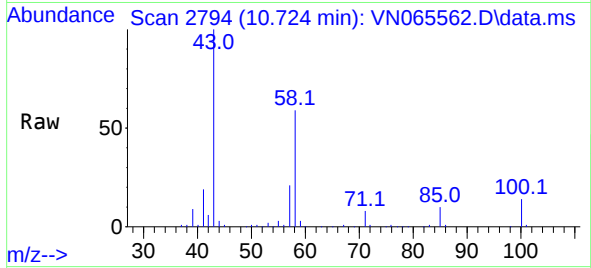


#59
2-Hexanone
Concen: 84.84 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

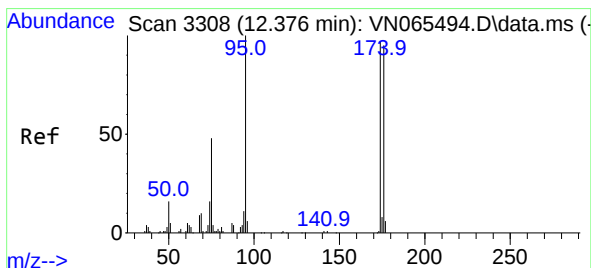
Tgt Ion: 43	Resp: 160793
Ion Ratio	Lower Upper
43 100	
58 59.3	45.4 68.0
57 20.8	15.8 23.8

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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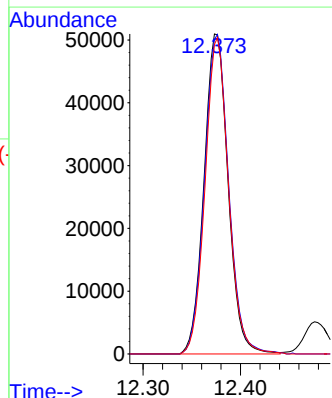
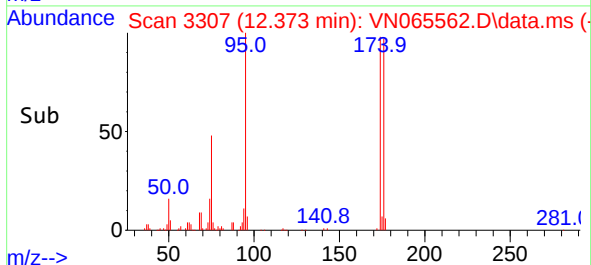
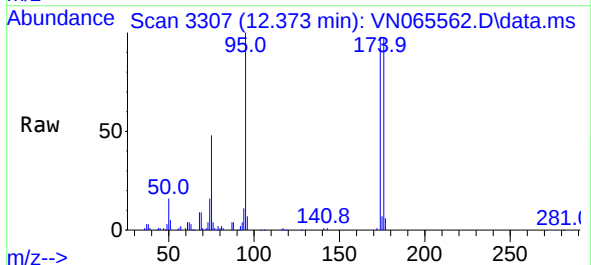
SAM

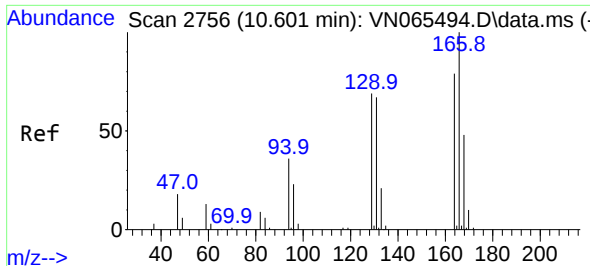


#60
4-Bromofluorobenzene
Concen: 29.23 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 95	Resp: 87376
Ion Ratio	Lower Upper
95 100	
174 100.2	77.0 115.6
176 96.5	75.8 113.6

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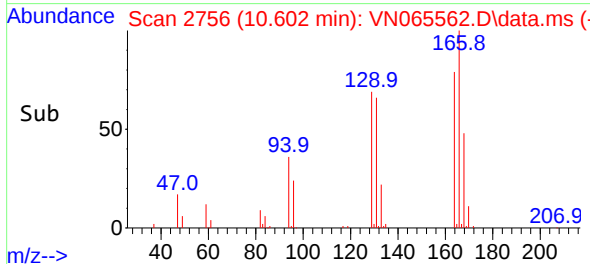
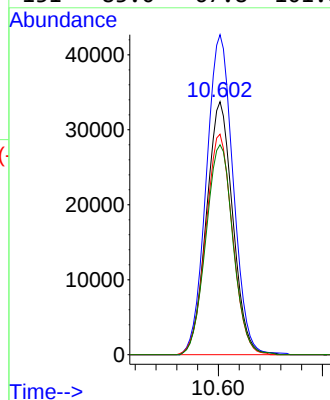
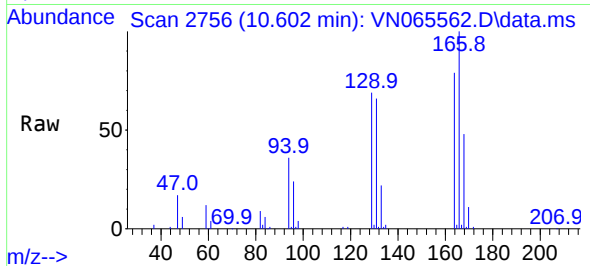


#61
Tetrachloroethene
Concen: 18.84 ug/l
RT: 10.602 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

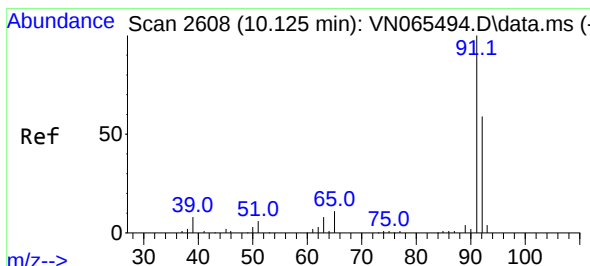
Tgt Ion:164 Resp: 59402
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 87.2 69.7 104.5
131 83.0 67.8 101.8

Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

Manual Integrations
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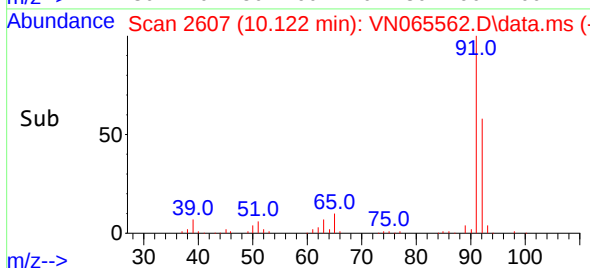
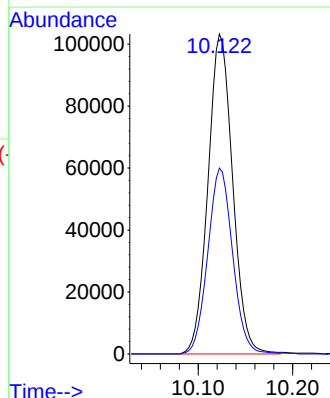
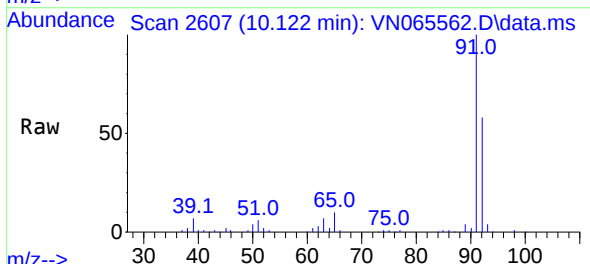
SAM

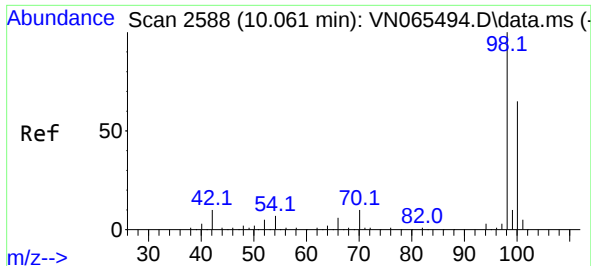


#62
Toluene
Concen: 18.17 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 91 Resp: 187239
Ion Ratio Lower Upper
91 100
92 58.5 46.2 69.4

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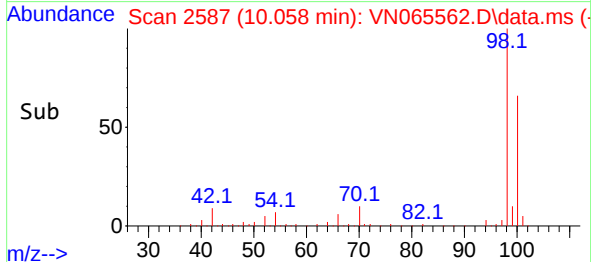
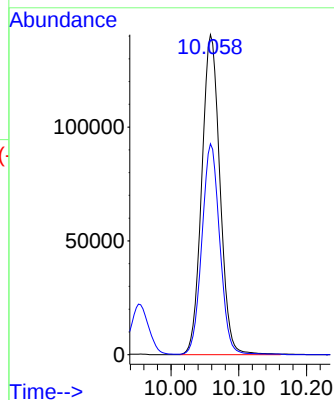
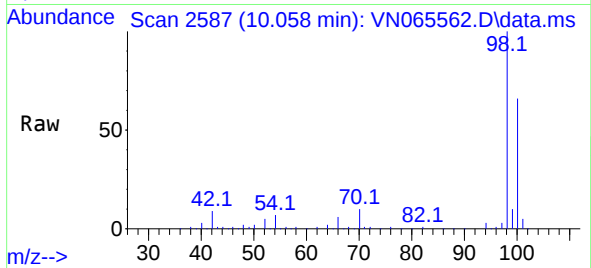


#63
Toluene-d8
Concen: 30.32 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 98 Resp: 261949
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

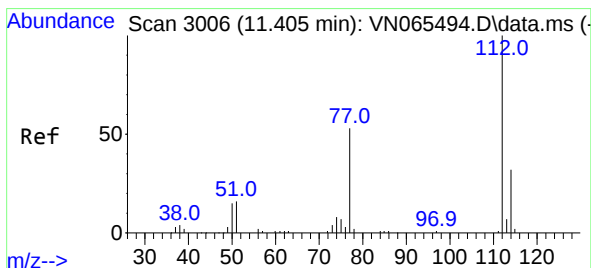
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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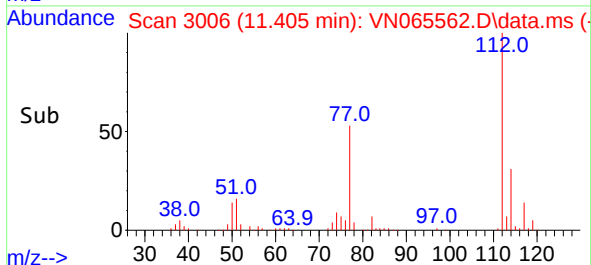
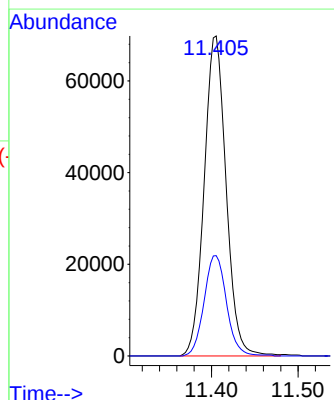
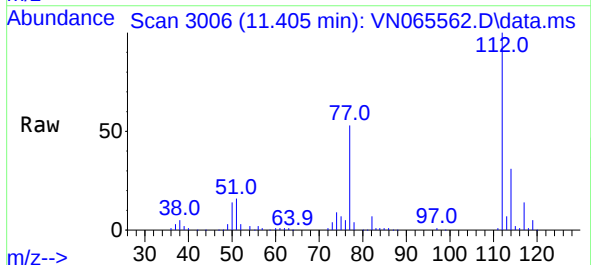
SAM

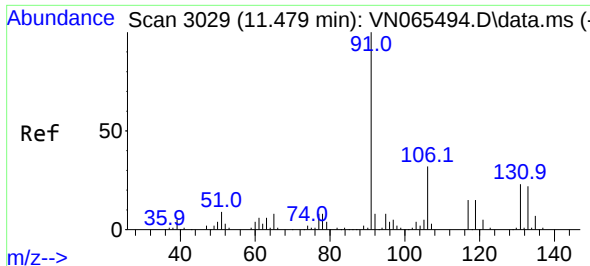
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#64
Chlorobenzene
Concen: 18.35 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 112 Resp: 122914
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



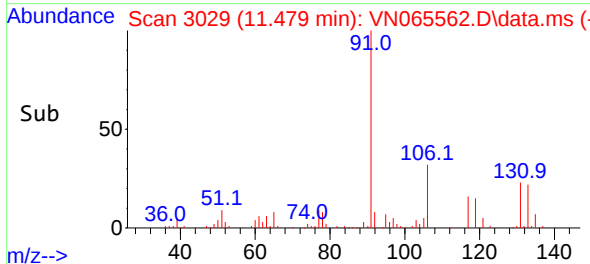
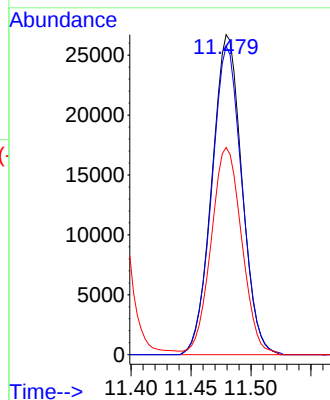
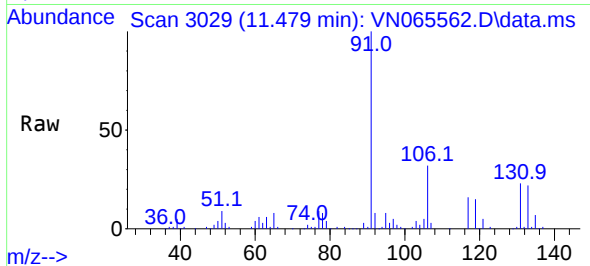


#65
1,1,1,2-Tetrachloroethane
Concen: 18.43 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

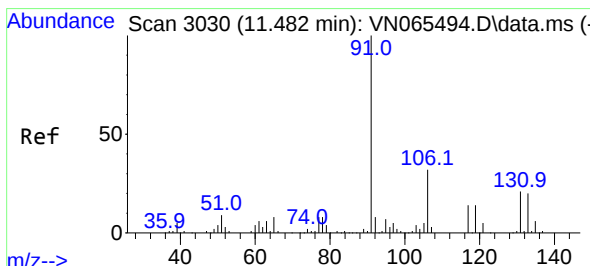
Tgt Ion:	131	Resp:	46409
Ion Ratio	Lower	Upper	
131	100		
133	97.1	0.0	186.2
119	66.3	0.0	131.6

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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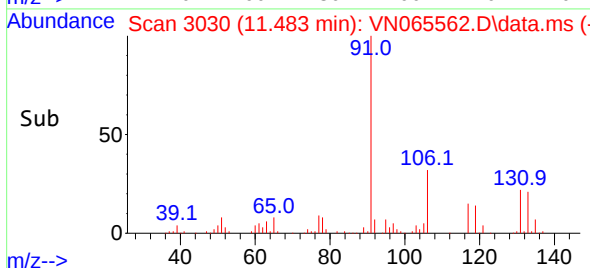
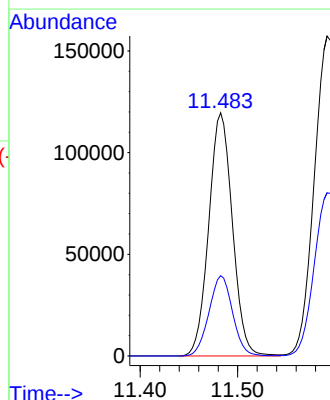
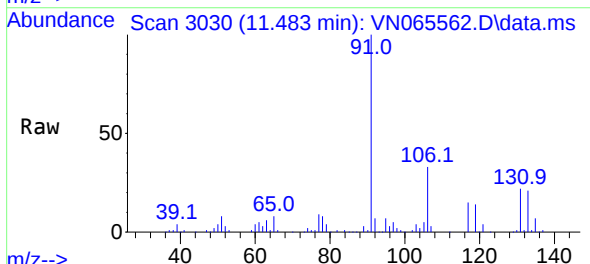
SAM

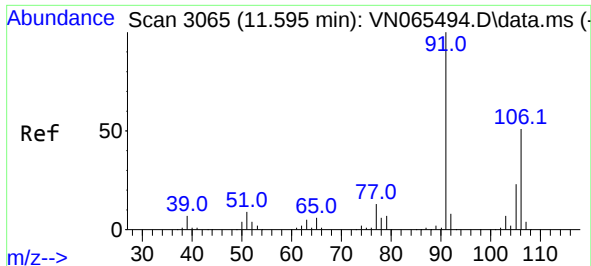


#66
Ethyl Benzene
Concen: 17.89 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	91	Resp:	201524
Ion Ratio	Lower	Upper	
91	100		
106	33.1	25.5	38.3

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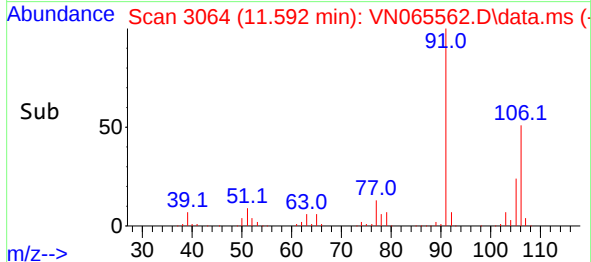
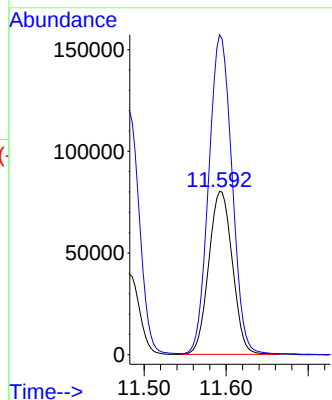
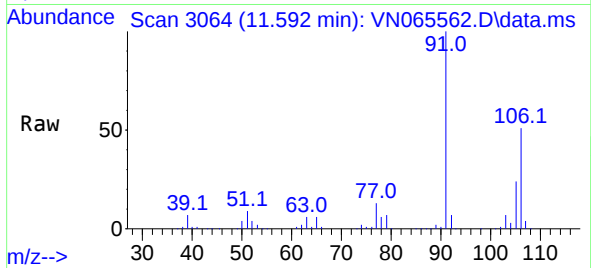


#67
m/p-Xylenes
Concen: 36.53 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

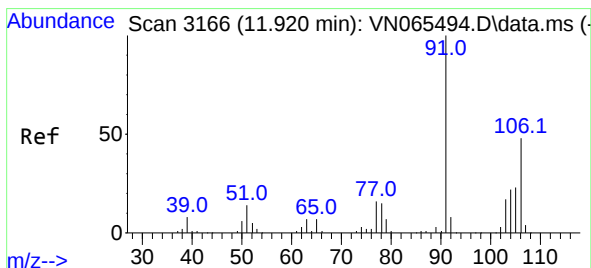
Tgt Ion:106 Resp: 160938
Ion Ratio Lower Upper
106 100
91 192.6 159.0 238.6

Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

Manual Integrations
APPROVED



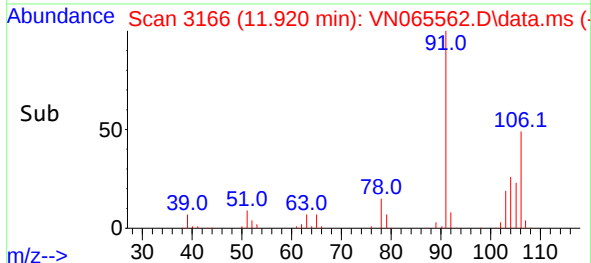
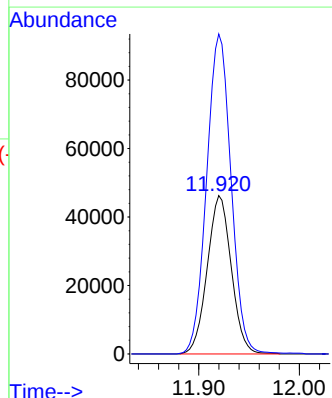
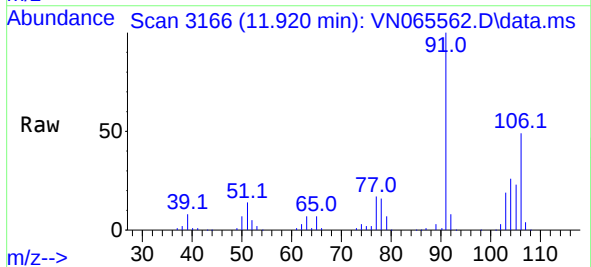
SAM

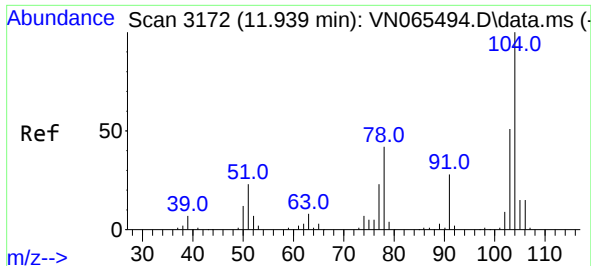


#68
o-Xylene
Concen: 18.08 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:106 Resp: 77015
Ion Ratio Lower Upper
106 100
91 204.7 104.7 313.9

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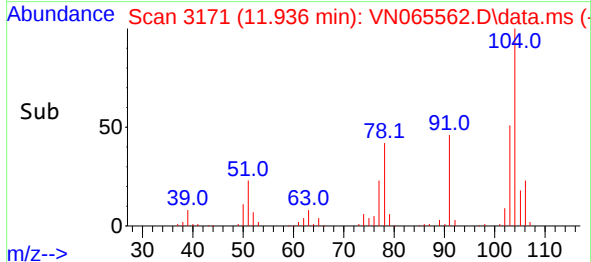
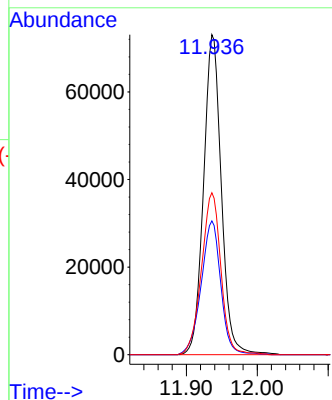
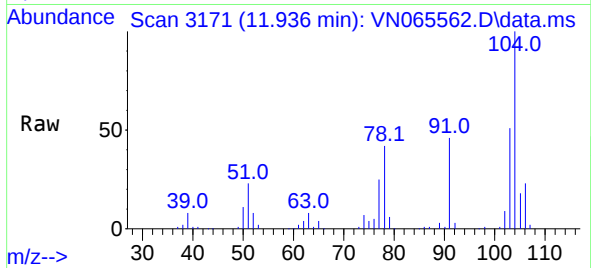


#69
Styrene
Concen: 17.93 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

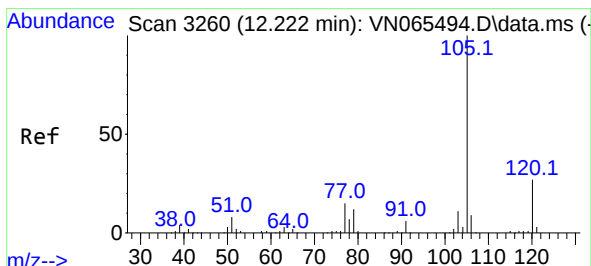
Tgt Ion:	104	Resp:	127516
Ion Ratio	Lower	Upper	
104	100		
78	46.1	38.0	57.0
103	54.9	44.3	66.5

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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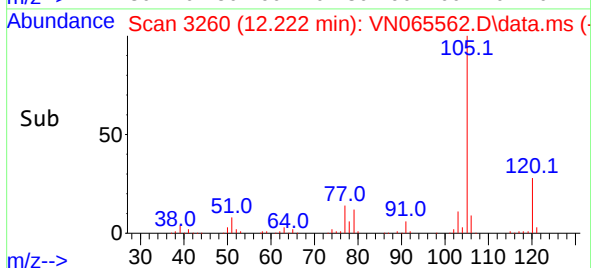
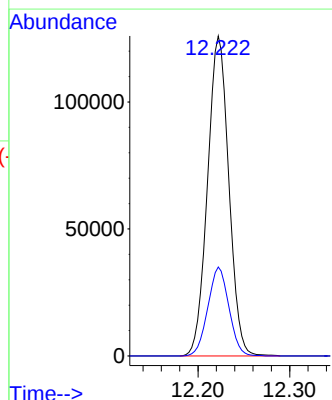
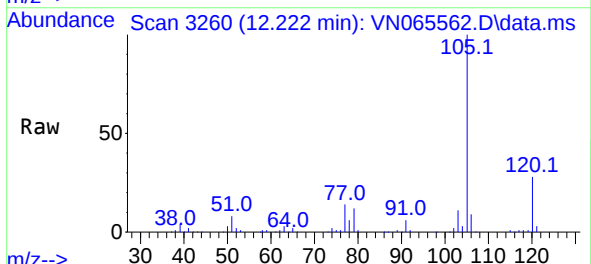
SAM

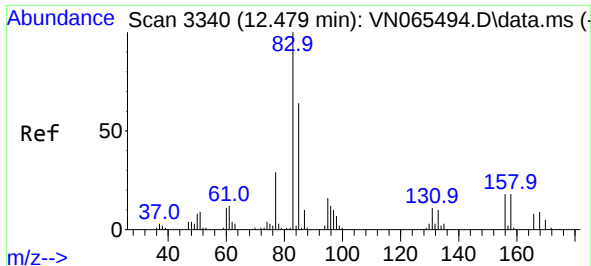


#70
Isopropylbenzene
Concen: 18.25 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	105	Resp:	203162
Ion Ratio	Lower	Upper	
105	100		
120	27.5	19.3	35.9

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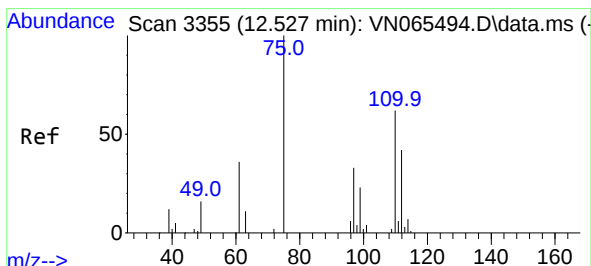
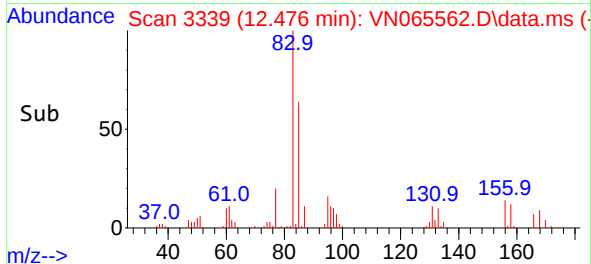
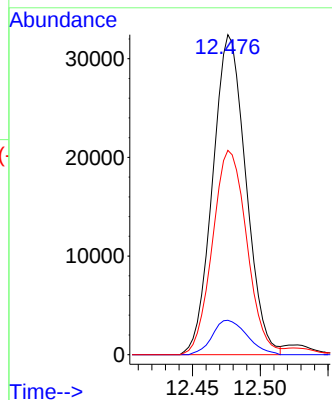
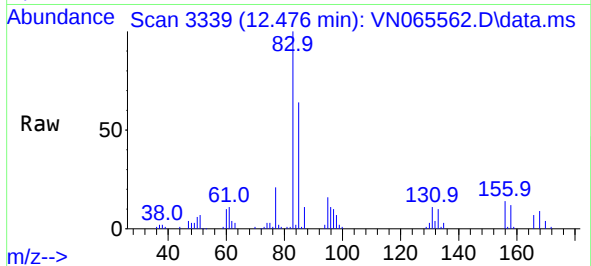


#71
1,1,2,2-Tetrachloroethane
Concen: 17.45 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 83 Resp: 55237
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.4
85 66.0 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

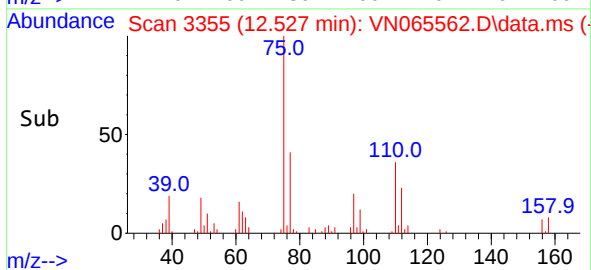
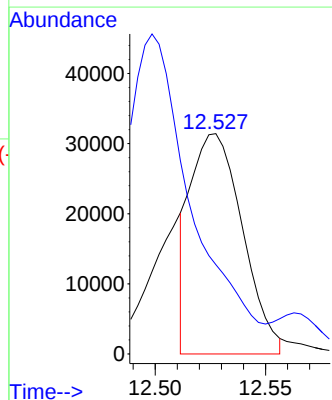
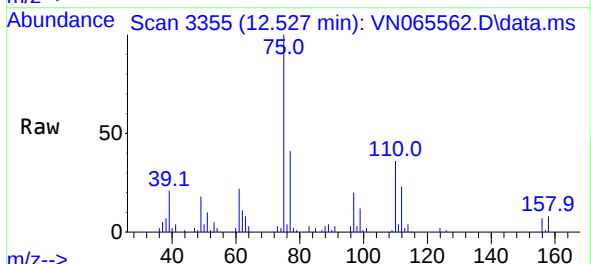
Manual Integrations
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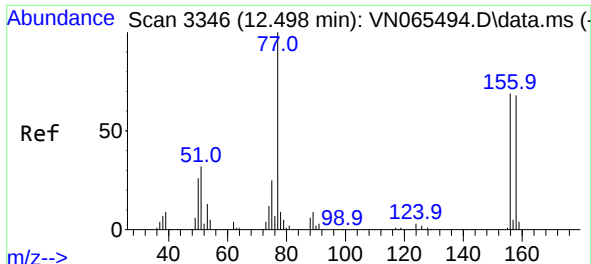


#72
1,2,3-Trichloropropane
Concen: 17.08 ug/l m
RT: 12.527 min Scan# 3355
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 75 Resp: 51299
Ion Ratio Lower Upper
75 100
77 192.1 0.0 366.4

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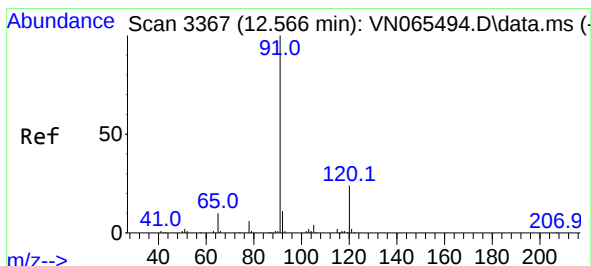
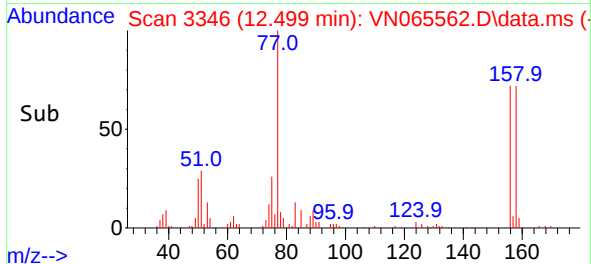
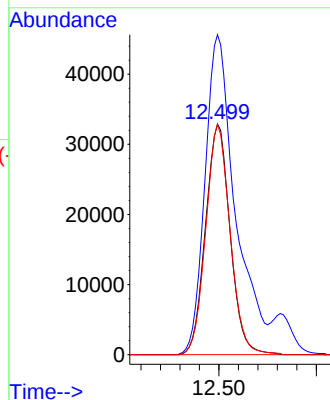
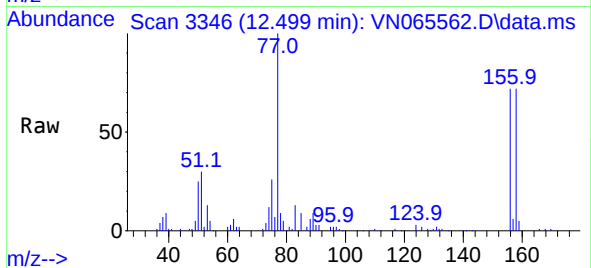


#73
Bromobenzene
Concen: 18.16 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	156	Resp:	57821
Ion Ratio	Lower	Upper	
156	100		
77	170.5	0.0	348.8
158	98.6	0.0	194.8

Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

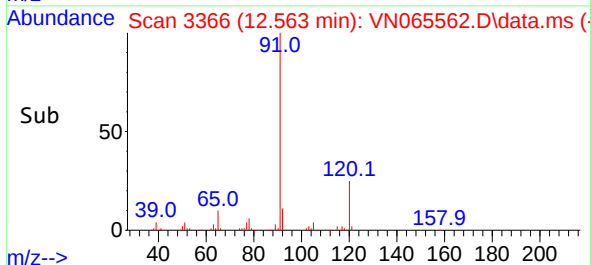
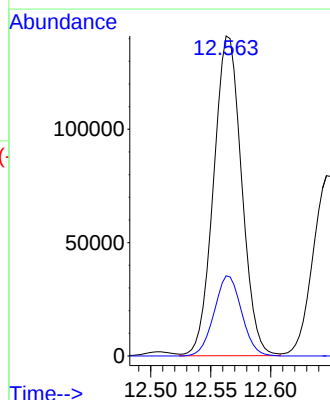
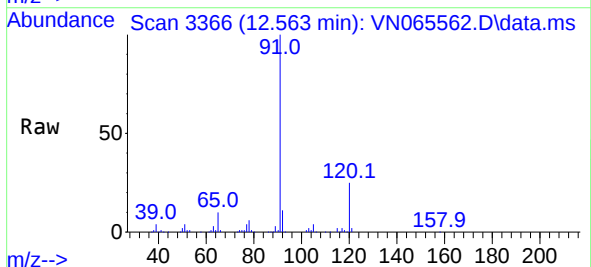
Manual Integrations
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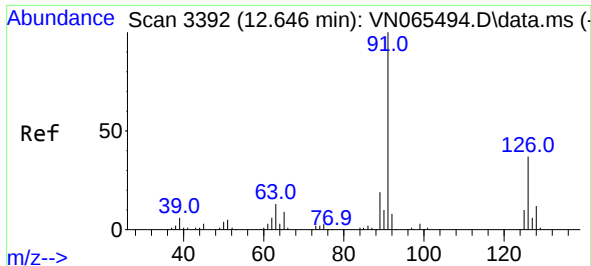


#74
n-propylbenzene
Concen: 18.36 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	91	Resp:	228967
Ion Ratio	Lower	Upper	
91	100		
120	24.5	0.0	49.4

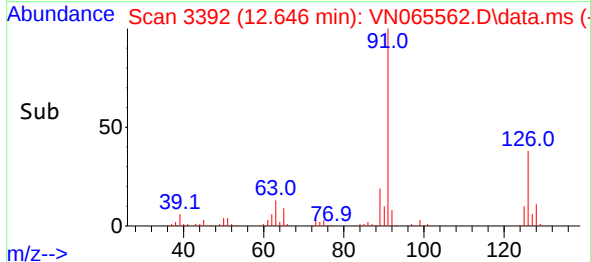
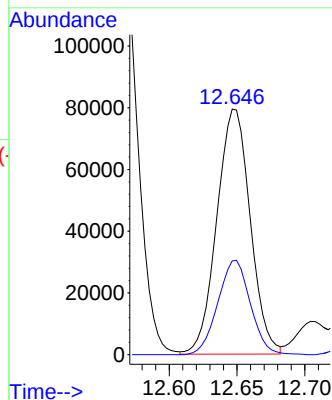
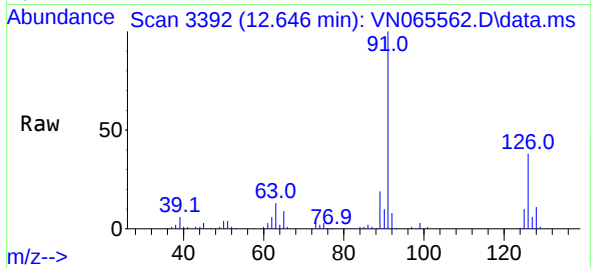
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#75
2-Chlorotoluene
Concen: 18.09 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 91 Resp: 136175
Ion Ratio Lower Upper
91 100
126 37.4 0.0 74.2

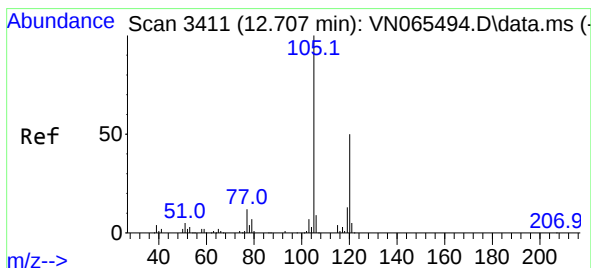


Instrument :
MSVOA_N
ClientSampled :
VN0120WBS01

Manual Integrations
APPROVED

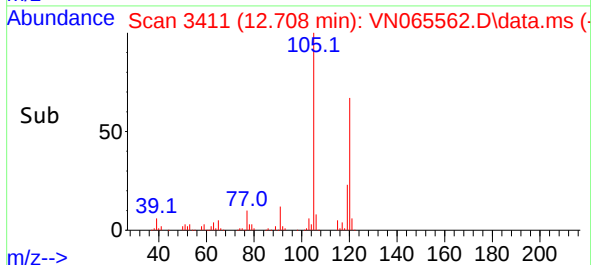
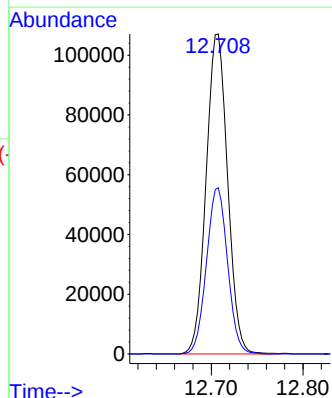
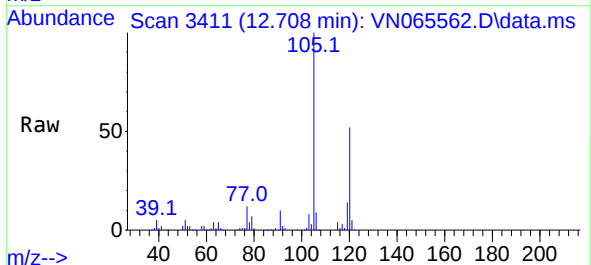
SAM

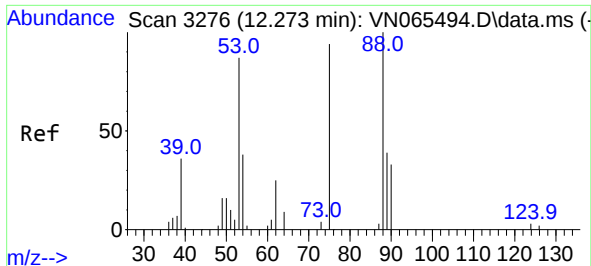
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#76
1,3,5-Trimethylbenzene
Concen: 18.28 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 105 Resp: 174374
Ion Ratio Lower Upper
105 100
120 51.0 0.0 101.6



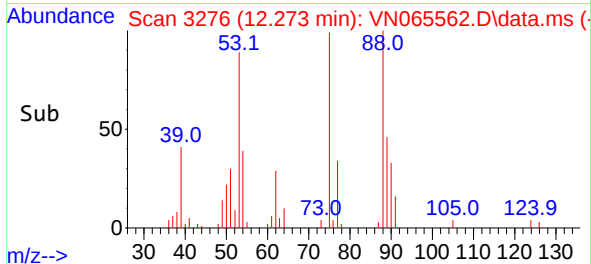
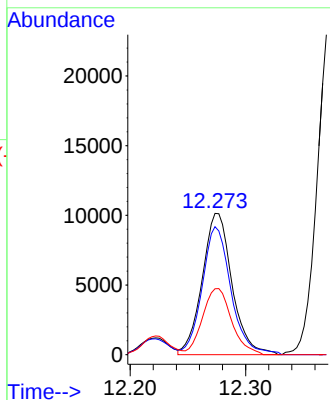
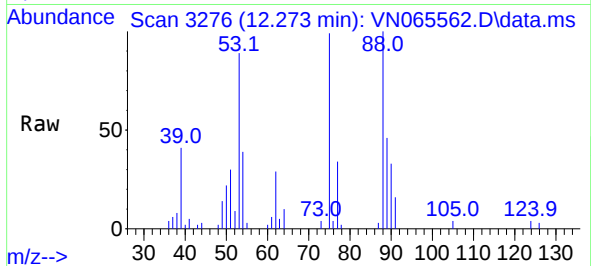


#77
t-1,4-Dichloro-2-butene
Concen: 17.24 ug/l
RT: 12.273 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

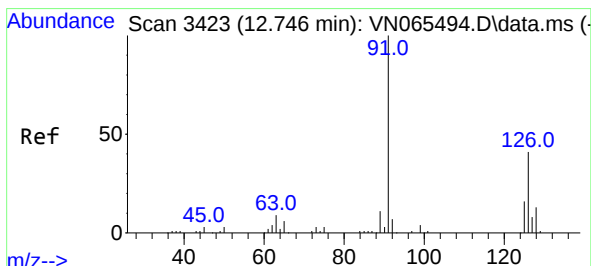
Tgt Ion: 75 Resp: 18207
Ion Ratio Lower Upper
75 100
53 88.8 44.9 134.5
89 46.6 21.3 64.0

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

Manual Integrations
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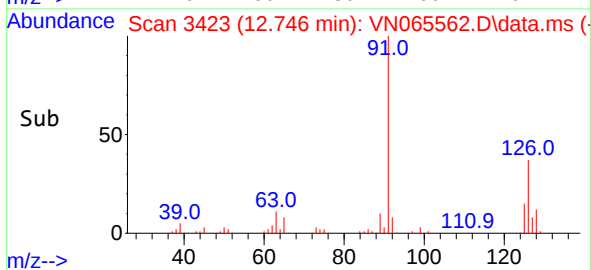
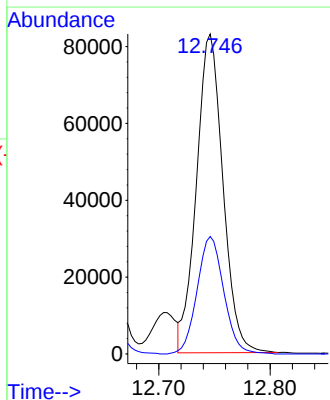
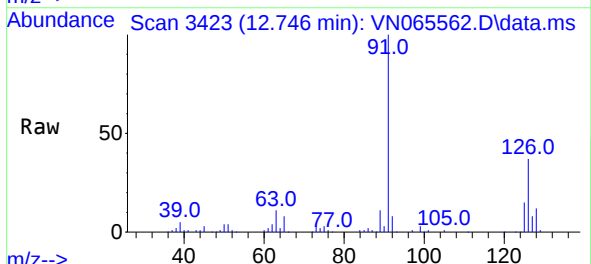
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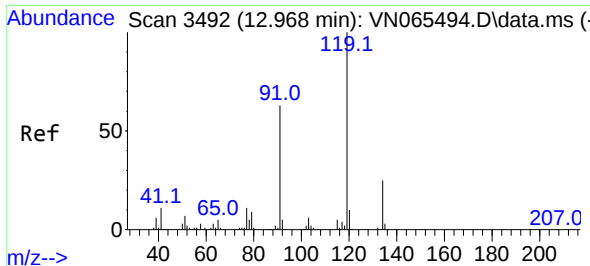


#78
4-Chlorotoluene
Concen: 17.96 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion: 91 Resp: 136708
Ion Ratio Lower Upper
91 100
126 37.2 0.0 71.4

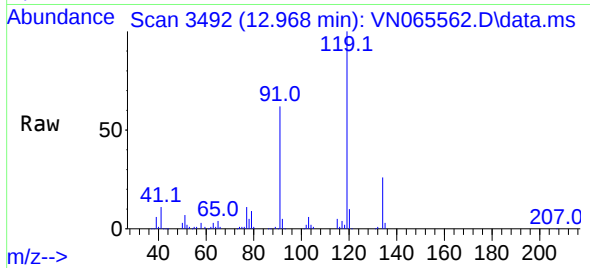
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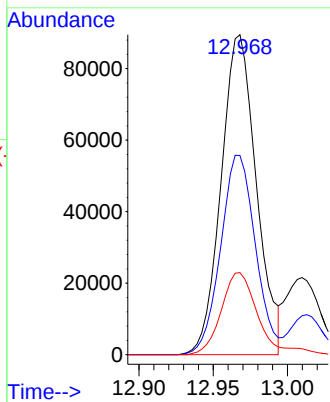
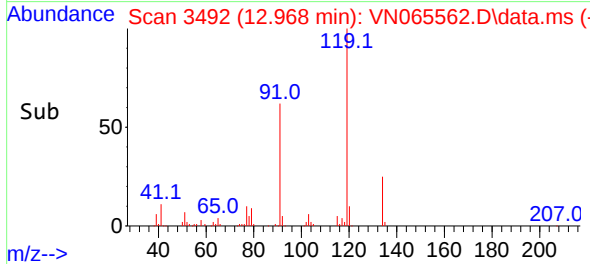
#79
tert-butylbenzene
Concen: 18.04 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

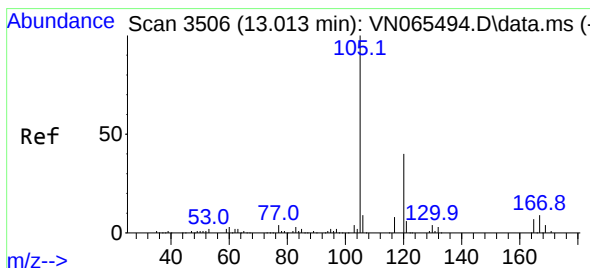


Tgt Ion:119 Resp: 147845
Ion Ratio Lower Upper
119 100
91 61.5 0.0 126.0
134 26.8 0.0 51.2

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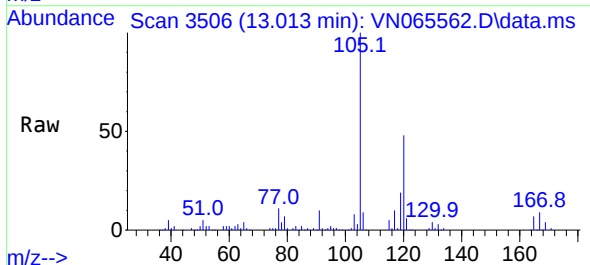


SAM

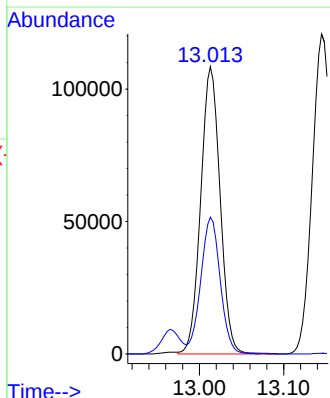
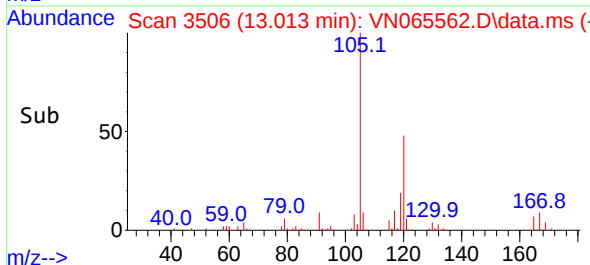


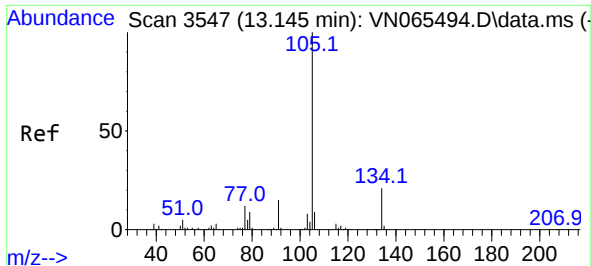
#80
1,2,4-Trimethylbenzene
Concen: 18.33 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

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Tgt Ion:105 Resp: 173925
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.6



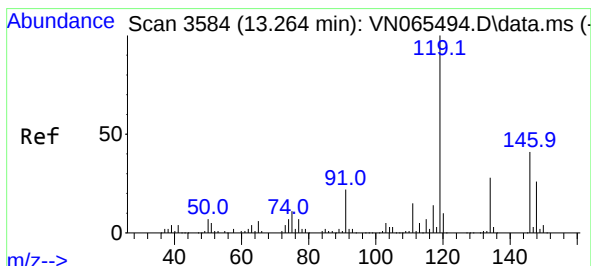
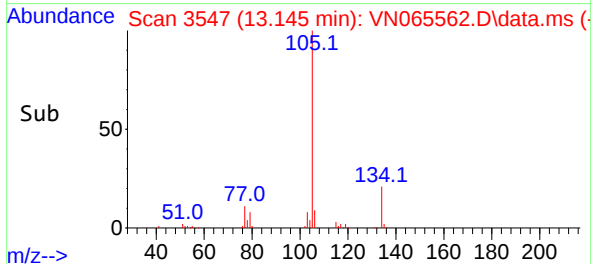
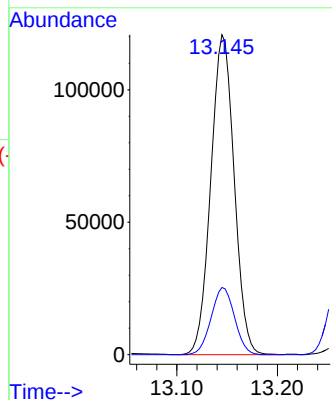
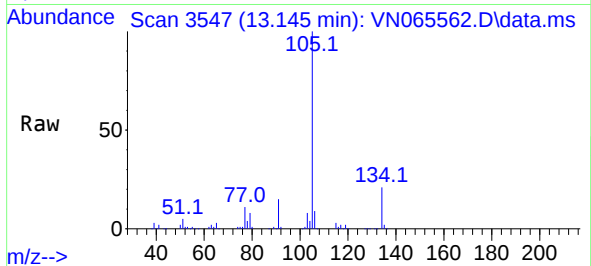


#81
sec-Butylbenzene
Concen: 18.40 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:105 Resp: 194950
Ion Ratio Lower Upper
105 100
134 21.0 0.0 42.2

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

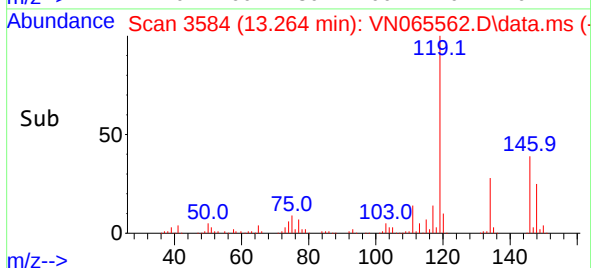
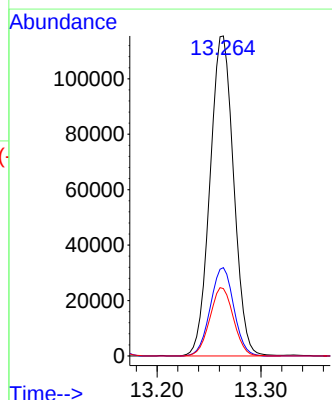
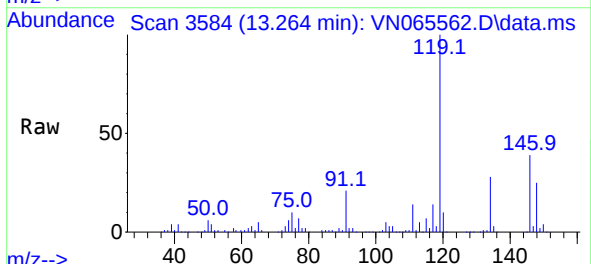
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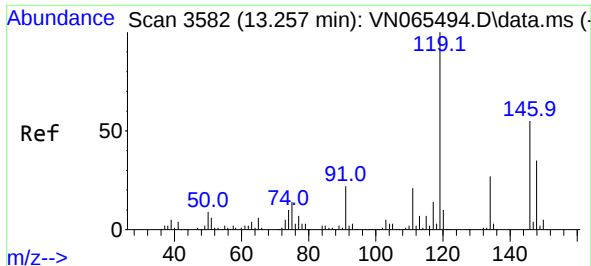


#82
p-Isopropyltoluene
Concen: 18.44 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:119 Resp: 182549
Ion Ratio Lower Upper
119 100
134 27.5 0.0 54.8
91 21.3 0.0 44.8

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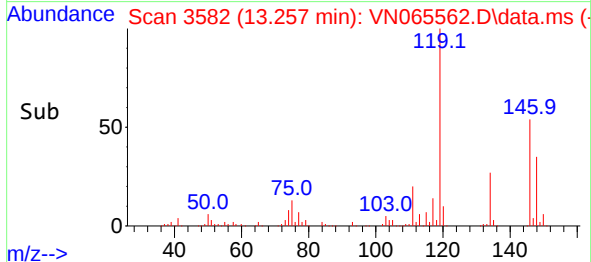
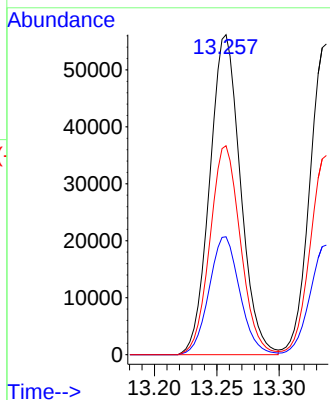
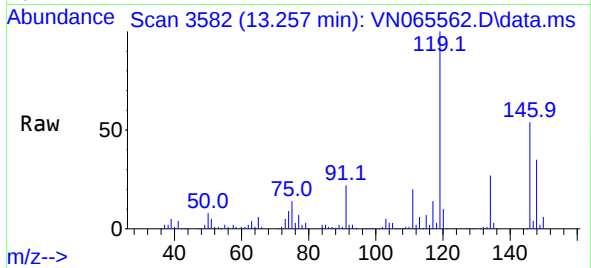


#83
1,3-Dichlorobenzene
Concen: 18.29 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

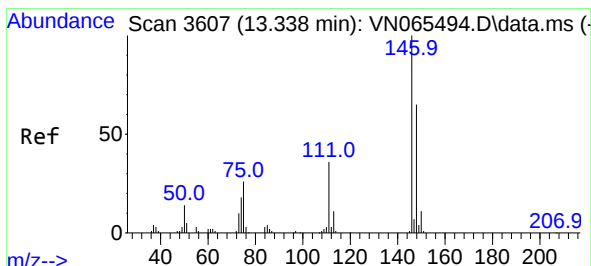
Tgt Ion:146 Resp: 96508
Ion Ratio Lower Upper
146 100
111 36.9 18.6 55.8
148 65.0 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

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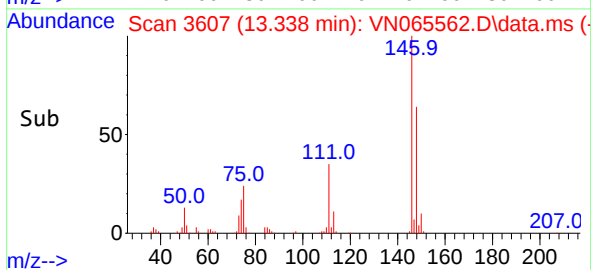
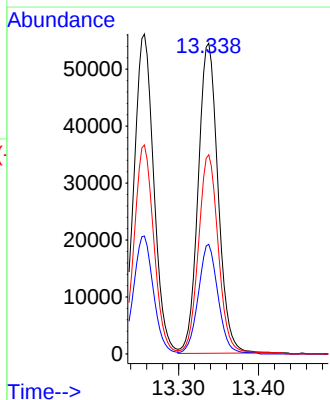
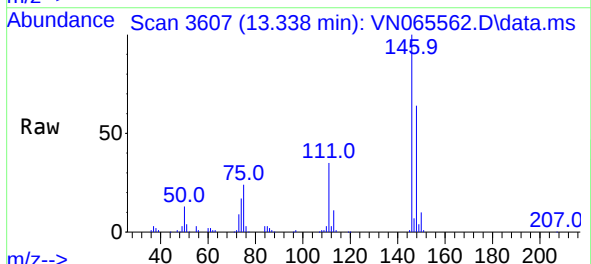
SAM

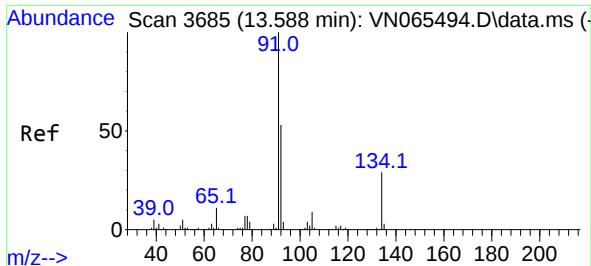


#84
1,4-Dichlorobenzene
Concen: 18.33 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

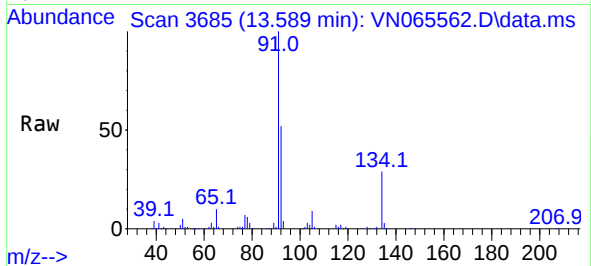
Tgt Ion:146 Resp: 94403
Ion Ratio Lower Upper
146 100
111 34.3 17.9 53.7
148 64.7 31.8 95.4

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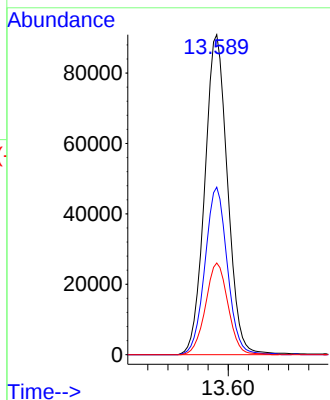
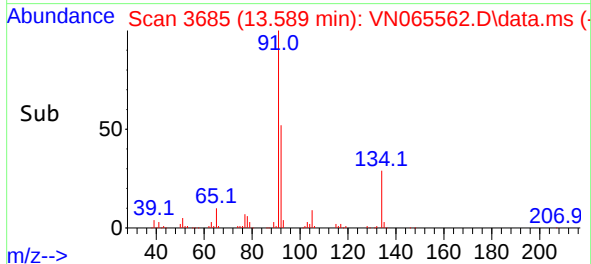


#85
n-Butylbenzene
Concen: 18.24 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion: 91 Resp: 142831

Ion	Ratio	Lower	Upper
91	100		
92	51.5	0.0	104.8
134	28.3	0.0	55.8

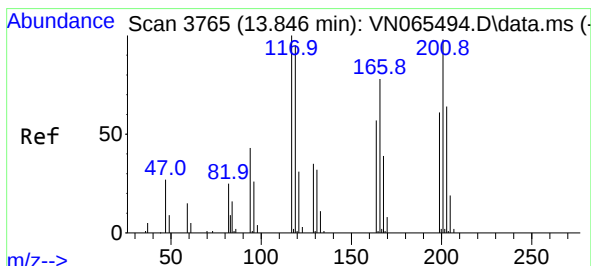


Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

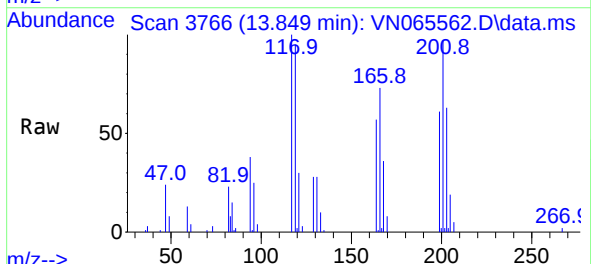
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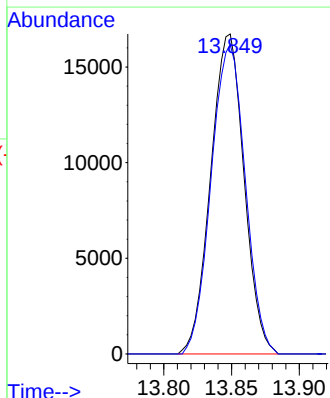
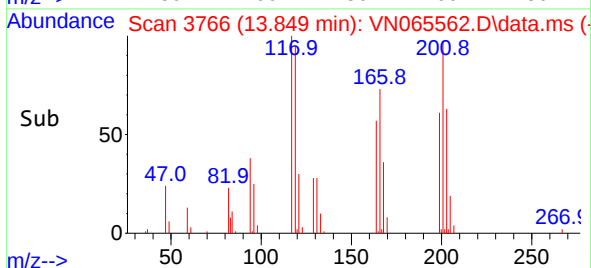


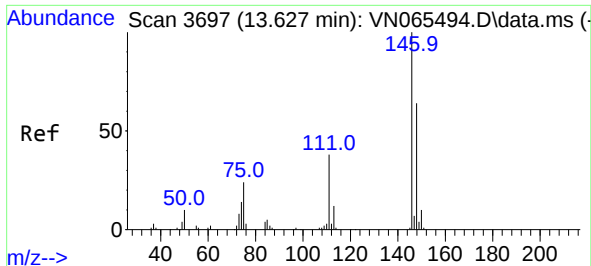
#86
Hexachloroethane
Concen: 17.56 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



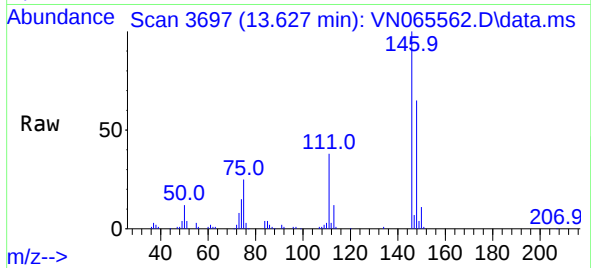
Tgt Ion: 117 Resp: 28620

Ion	Ratio	Lower	Upper
117	100		
201	98.7	48.4	145.3

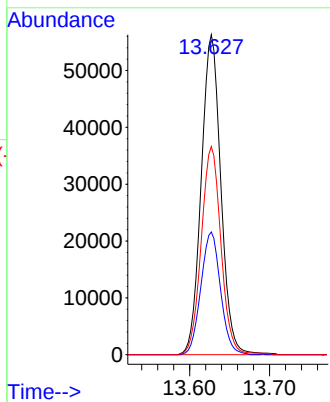
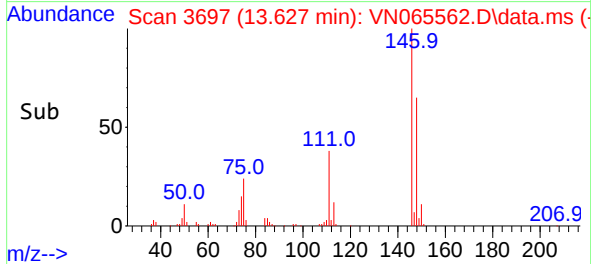




#87
1,2-Dichlorobenzene
Concen: 18.52 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion:	146	Resp:	96289
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.9	56.9
148	65.1	32.3	96.8

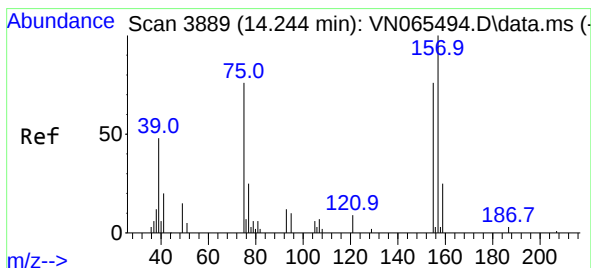


Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

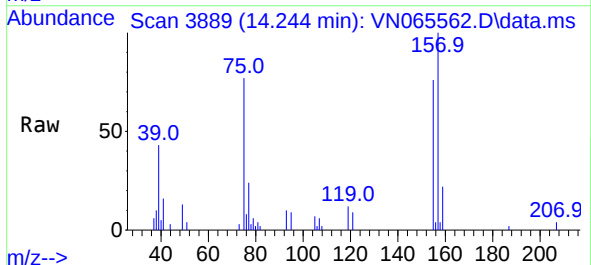
Manual Integrations
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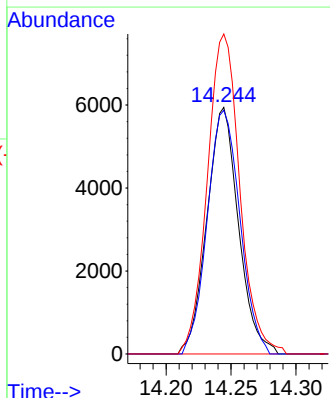
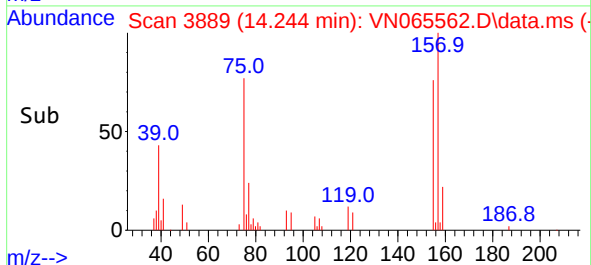
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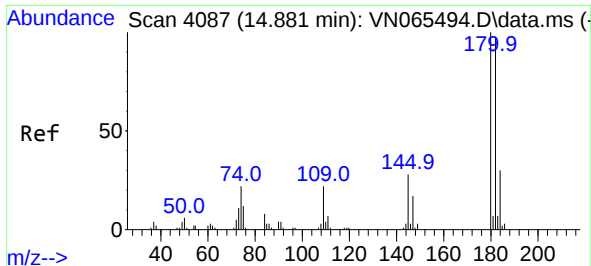


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.82 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21



Tgt Ion:	75	Resp:	10074
Ion Ratio	Lower	Upper	
75	100		
155	102.0	76.9	115.3
157	133.3	105.8	158.8



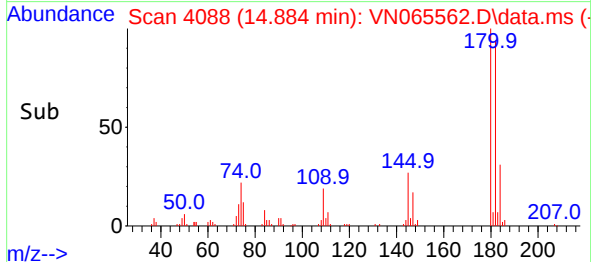
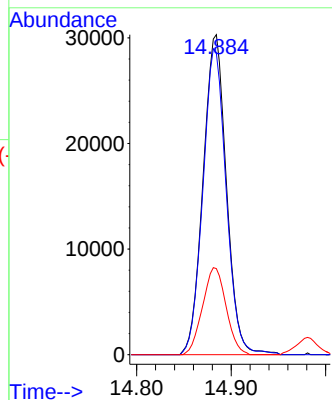
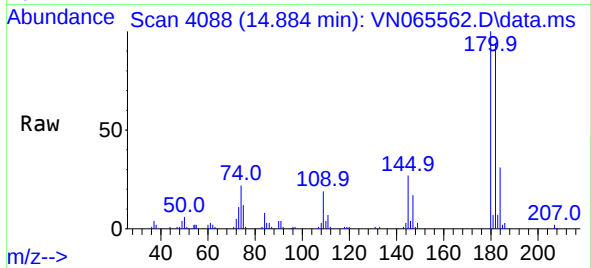


#89
1,2,4-Trichlorobenzene
Concen: 21.42 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

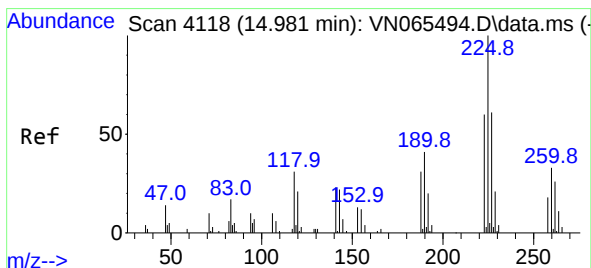
Tgt Ion:	180	Resp:	51931
Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.5	117.7
145	27.5	23.8	35.6

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

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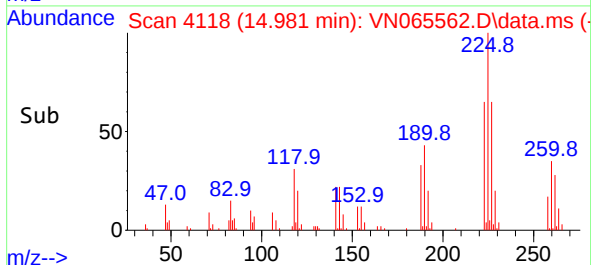
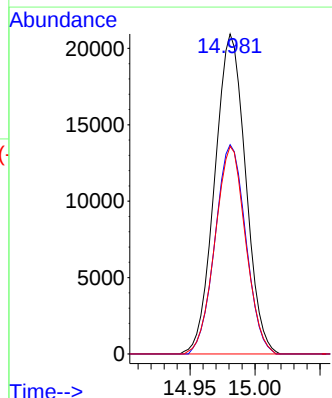
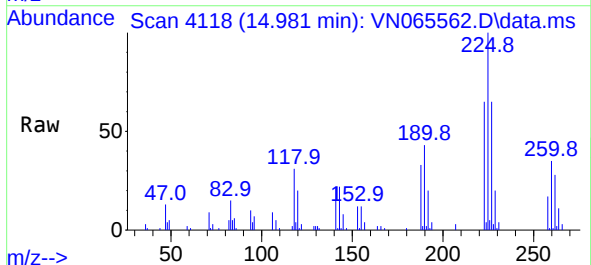
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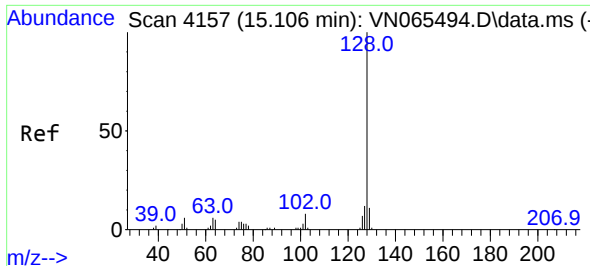


#90
Hexachlorobutadiene
Concen: 19.02 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Tgt Ion:	225	Resp:	34581
Ion	Ratio	Lower	Upper
225	100		
223	65.0	0.0	122.0
227	64.3	0.0	126.4

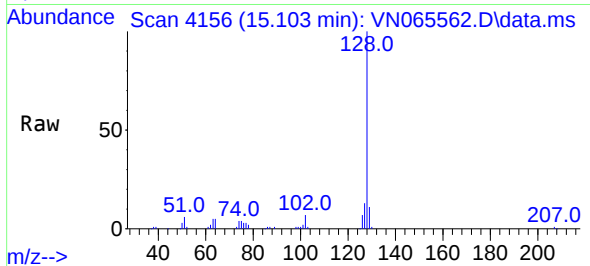
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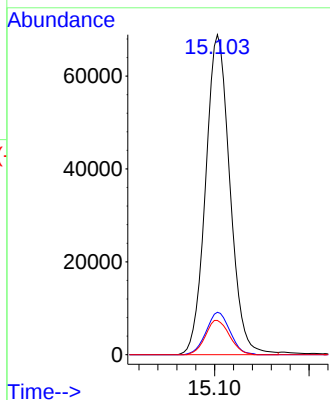
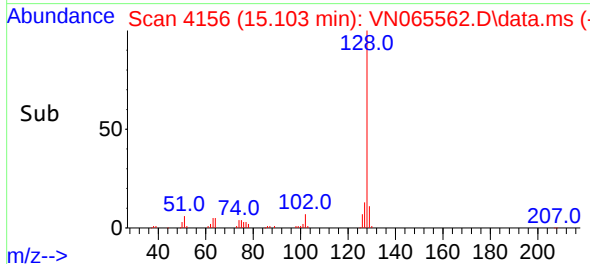
#91
Naphthalene
Concen: 21.52 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. -0.003 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

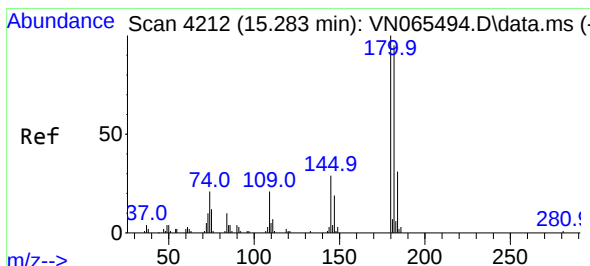


Tgt Ion:128 Resp: 122892
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.7 8.6 12.8

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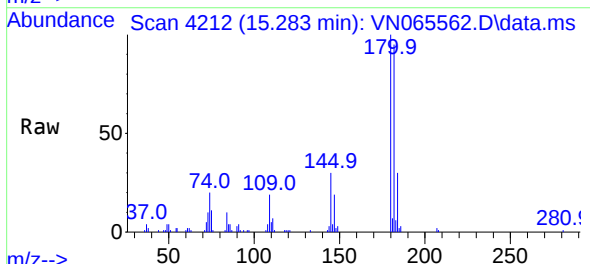


SAM



#92
1,2,3-Trichlorobenzene
Concen: 19.93 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VN065562.D
Acq: 20 Jan 2021 11:21

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Tgt Ion:180 Resp: 52576
Ion Ratio Lower Upper
180 100
182 96.5 0.0 190.4
145 29.7 0.0 57.8

