

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066574.D
 Acq On : 13 Apr 2021 12:56
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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 4/23/2021 2:17:12 PM

Quant Time: Apr 13 13:52:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 13:47:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.099	128	52031	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.510	114	245019	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	236765	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	141147	34.18	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.93%#			
60) 4-Bromofluorobenzene	12.345	95	113788	30.63	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.10%			
63) Toluene-d8	10.025	98	351666	31.23	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.813	85	63730	21.47	ug/l	99
3) Chloromethane	2.017	50	85475	22.54	ug/l	98
4) Vinyl Chloride	2.143	62	80697	20.76	ug/l	99
5) Bromomethane	2.505	94	51772	19.06	ug/l	97
6) Chloroethane	2.642	64	52887	21.10	ug/l	96
7) Trichlorofluoromethane	2.956	101	113590	20.25	ug/l	100
8) Diethyl Ether	3.339	74	41484	21.69	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.672	101	59704	21.54	ug/l	88
10) 1,1-Dichloroethene	3.653	96	56740	20.75	ug/l	84
11) Methyl Iodide	3.865	142	76013m	19.81	ug/l	
12) Methyl Acetate	4.229	43	113250	25.52	ug/l	91
13) Acrolein	3.524	56	57250	161.08	ug/l	99
14) Acrylonitrile	4.876	53	145621	87.48	ug/l	97
15) Acetone	3.739	58	60498	114.56	ug/l	90
16) Carbon Disulfide	3.956	76	193008	24.44	ug/l	100
17) Allyl chloride	4.219	41	140041	26.82	ug/l	94
18) Methylene Chloride	4.444	84	59388m	18.74	ug/l	
19) trans-1,2-Dichloroethene	4.924	96	52694	18.17	ug/l	91
20) Diisopropyl ether	5.852	45	215705	20.19	ug/l #	93
21) 1,1-Dichloroethane	5.737	63	114431	19.89	ug/l	100
22) cis-1,2-Dichloroethene	6.724	96	56874	16.72	ug/l	86
23) tert-Butyl Alcohol	4.710	59	43229m	66.97	ug/l	
24) Methyl tert-Butyl Ether	4.935	73	163780	16.65	ug/l	93
25) Chloroform	7.279	83	111702	19.36	ug/l	96
26) Cyclohexane	7.563	56	86892	17.50	ug/l #	97
29) 1,1-Dichloropropene	7.705	75	77739	20.84	ug/l	97
30) 2-Butanone	6.740	43	217936	100.75	ug/l #	69
31) 2,2-Dichloropropane	6.718	77	98153	21.20	ug/l #	73
32) 1,1,1-Trichloroethane	7.480	97	100346	21.90	ug/l #	75
33) Carbon Tetrachloride	7.687	117	85780	22.15	ug/l	97
34) Benzene	7.957	78	239610	21.08	ug/l #	92
35) Methacrylonitrile	7.075	41	38836	20.80	ug/l	93
36) 1,2-Dichloroethane	8.041	62	96146	22.71	ug/l	98
37) Trichloroethene	8.759	130	53197	18.49	ug/l	96
38) Methylcyclohexane	9.006	83	74770	16.99	ug/l	77
39) 1,2-Dichloropropane	9.044	63	67679	21.81	ug/l	98
40) Dibromomethane	9.135	93	42749	21.50	ug/l	89
41) Bromodichloromethane	9.333	83	93077	21.99	ug/l	99
42) Vinyl Acetate	5.793	43	910448m	109.36	ug/l	

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.834	43	84726	20.42	ug/l #	95
44) Isopropyl Acetate	8.091	43	146843	19.89	ug/l #	80
45) 1,4-Dioxane	9.135	88	14368	320.25	ug/l #	63
46) Methyl methacrylate	9.135	41	64034	18.78	ug/l	87
47) n-amyl Acetate	12.021	43	43979m	15.81	ug/l	
48) t-1,3-Dichloropropene	10.318	75	88744	19.81	ug/l	99
49) cis-1,3-Dichloropropene	9.773	75	95036	19.75	ug/l	96
50) 1,1,2-Trichloroethane	10.500	97	57500	20.52	ug/l	97
51) Ethyl methacrylate	10.368	69	67154	16.14	ug/l	88
52) 1,3-Dichloropropane	10.645	76	99996	21.20	ug/l	98
53) Dibromochloromethane	10.838	129	60152	19.38	ug/l	95
54) 1,2-Dibromoethane	10.942	107	55724	19.56	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	37771	64.25	ug/l	98
56) Bromoform	12.069	173	40192	17.94	ug/l #	99
58) 4-Methyl-2-Pentanone	9.921	43	458572	97.03	ug/l #	92
59) 2-Hexanone	10.693	43	290756	90.79	ug/l	92
61) Tetrachloroethene	10.570	164	48776	15.69	ug/l	94
62) Toluene	10.090	91	242688	18.67	ug/l	100
64) Chlorobenzene	11.372	112	142330	18.69	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.449	131	59104	19.55	ug/l	97
66) Ethyl Benzene	11.452	91	246319	17.81	ug/l	96
67) m/p-Xylenes	11.562	106	186901	36.21	ug/l	100
68) o-Xylene	11.889	106	85007	16.94	ug/l	96
69) Styrene	11.905	104	141824	17.53	ug/l	98
70) Isopropylbenzene	12.192	105	224989	17.04	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.447	83	84429	19.50	ug/l	98
72) 1,2,3-Trichloropropane	12.498	75	72070m	17.82	ug/l	
73) Bromobenzene	12.466	156	56837	17.42	ug/l	90
74) n-propylbenzene	12.533	91	269233	18.17	ug/l	97
75) 2-Chlorotoluene	12.616	91	165175	18.37	ug/l	96
76) 1,3,5-Trimethylbenzene	12.678	105	194914	17.75	ug/l	98
77) t-1,4-Dichloro-2-butene	12.246	75	18284	14.37	ug/l	83
78) 4-Chlorotoluene	12.715	91	167304	18.90	ug/l	96
79) tert-butylbenzene	12.938	119	154119	16.36	ug/l	95
80) 1,2,4-Trimethylbenzene	12.983	105	184722	17.37	ug/l	100
81) sec-Butylbenzene	13.115	105	209602	17.29	ug/l	100
82) p-Isopropyltoluene	13.233	119	181749	17.04	ug/l	98
83) 1,3-Dichlorobenzene	13.227	146	99527	18.32	ug/l	96
84) 1,4-Dichlorobenzene	13.308	146	89040	17.14	ug/l	94
85) n-Butylbenzene	13.560	91	138472	16.11	ug/l	97
86) Hexachloroethane	13.815	117	42218	20.58	ug/l	80
87) 1,2-Dichlorobenzene	13.598	146	95479	17.88	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.233	75	14948m	17.33	ug/l	
89) 1,2,4-Trichlorobenzene	14.981	180	46216	14.09	ug/l	95
90) Hexachlorobutadiene	15.108	225	31385	17.02	ug/l	99
91) Naphthalene	15.263	128	112163	11.61	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.502	180	47568	14.74	ug/l	99

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

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Abundance

TIC: VN066574.D\data.ms

Time-->

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chlorodifluoromethane, M

Chloromethane, M

Vinyl Chloride, M

Bromomethane, M

Chloroethane, M

Trichlorofluoromethane, M

Diethyl Ether, T

Acrolein, M

Methyl Iodide

Carbon Disulfide, M

Methyl Acetate

Methylene Chloride, M

tert-Butyl Alcohol, M

Acetonitrile, M

Methyl 2-Dichloroethane, M

1,1-Dichloroethane, M

Disopropyl ether, T

Vinyl Acetate, M

2,2-Dichloroethane, M

Ethyl Acetate

Methoxybenzene, M

Chloroform, M

1,1,1-Trichloroethane, M

1,1-Dichloroethane, M

1,2-Dichloroethane, M

1,2-Dichloropropane, M

1,4-Difluorobenzene, I

Trichloroethene, M

1,2-Dichloroethane, M

2-Chloroethyl vinyl ether, M

cis-1,3-Dichloropropene, T

Toluene, M

4-Methyl-2-Pentanone, M

2-Hexanone, M

Chlorobenzene, M

Chlorobenzene-d5, I

mp-Xylene, M

Ethyl 2-Acetylacrylate, M

Styrene, M

Isopropylbenzene

4-Bromofluorobenzene, S

n-Propylbenzene

4-Chlorotoluene

1,3,5-Trimethylbenzene

tert-Butylbenzene

sec-Butylbenzene

1,4-Dichlorobenzene, M

n-Butylbenzene

1,2-Dichlorobenzene, M

Hexachloroethane, T

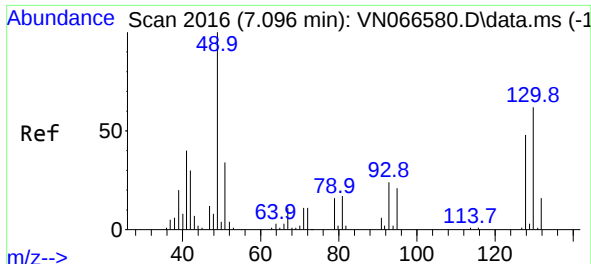
1,2-Dibromo-3-Chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene, M

1,2,3-Trichlorobenzene



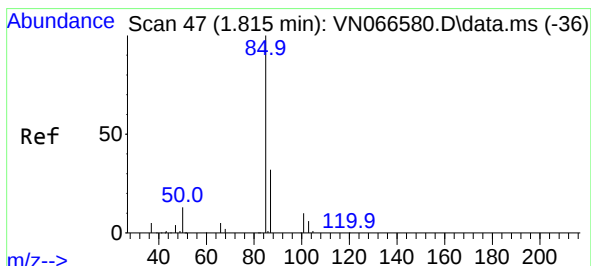
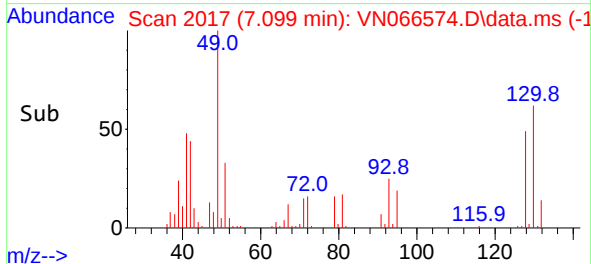
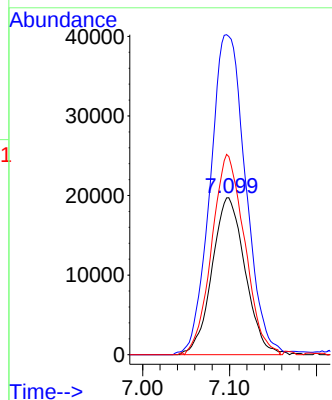
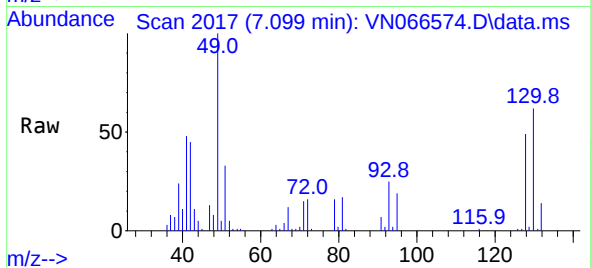
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.099 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:128 Resp: 52031
Ion Ratio Lower Upper
128 100
49 218.3 0.0 429.3
130 127.3 0.0 328.5

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VSTDICCC020

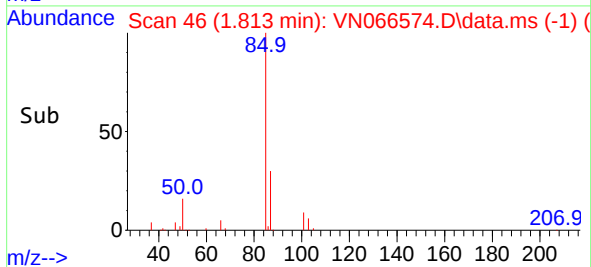
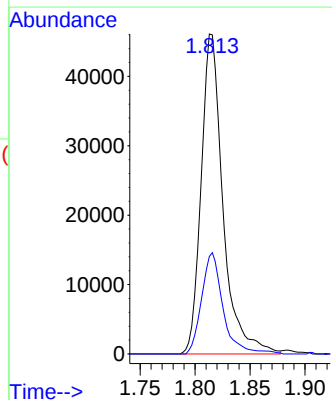
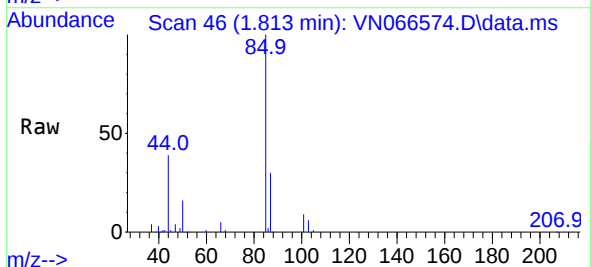
Manual Integrations
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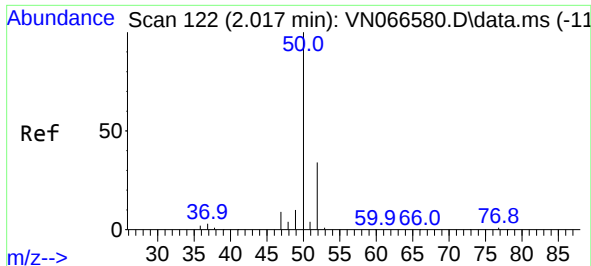
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#2
Dichlorodifluoromethane
Concen: 21.47 ug/l
RT: 1.813 min Scan# 46
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

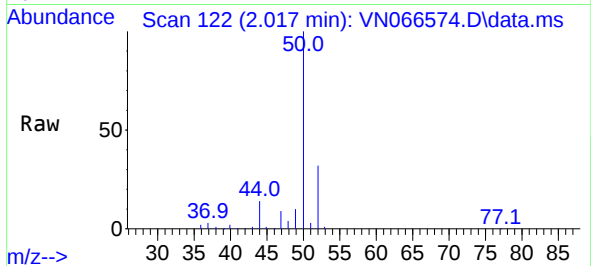
Tgt Ion: 85 Resp: 63730
Ion Ratio Lower Upper
85 100
87 30.5 15.4 46.4



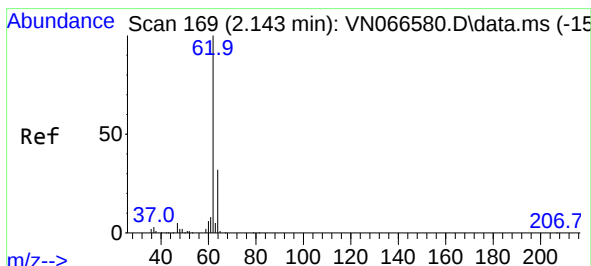
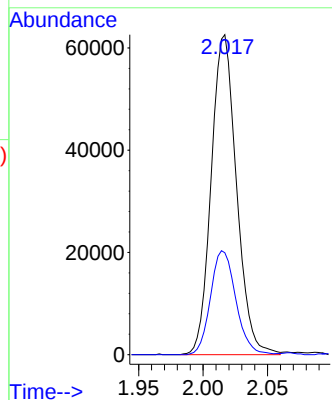
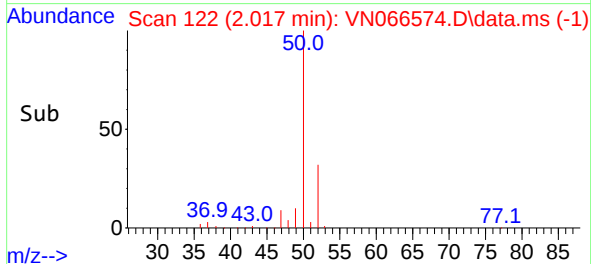


#3
Chloromethane
Concen: 22.54 ug/l
RT: 2.017 min Scan# 122
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

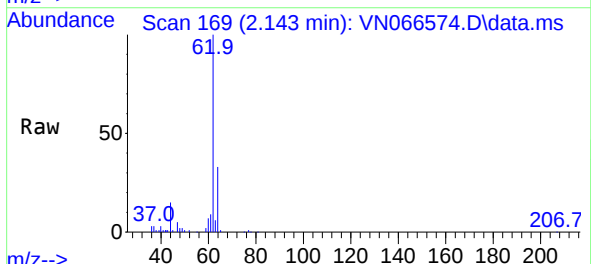
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



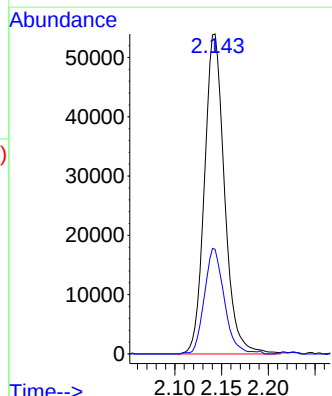
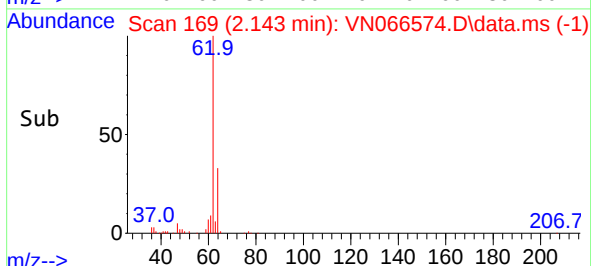
Tgt Ion: 50 Resp: 85475
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4

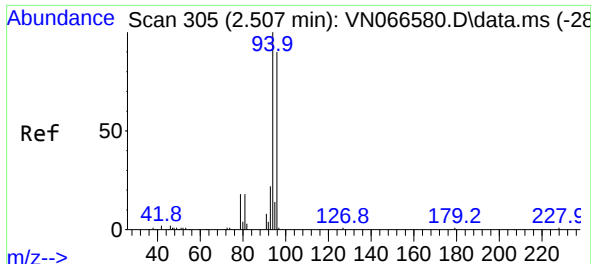


#4
Vinyl Chloride
Concen: 20.76 ug/l
RT: 2.143 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



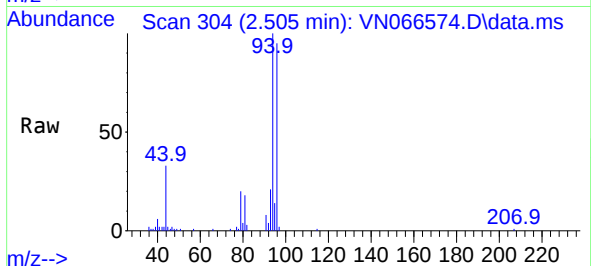
Tgt Ion: 62 Resp: 80697
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5
Bromomethane
Concen: 19.06 ug/l
RT: 2.505 min Scan# 304
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

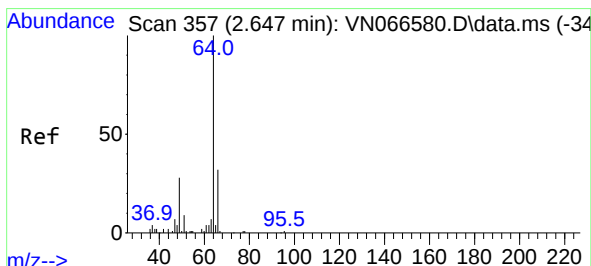
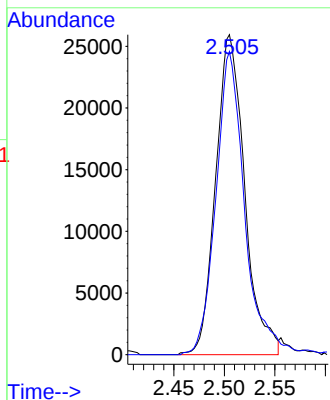
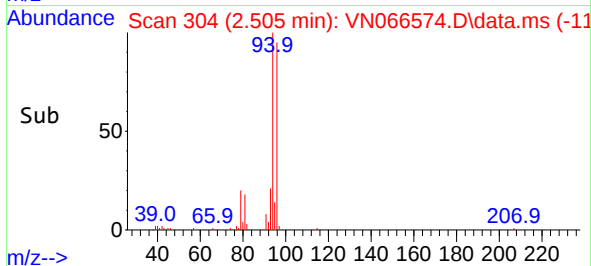
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



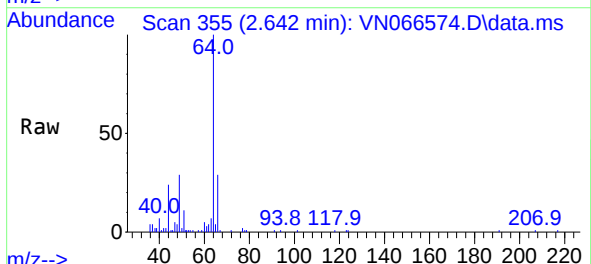
Tgt Ion: 94 Resp: 51772
Ion Ratio Lower Upper
94 100
96 94.7 77.8 116.8

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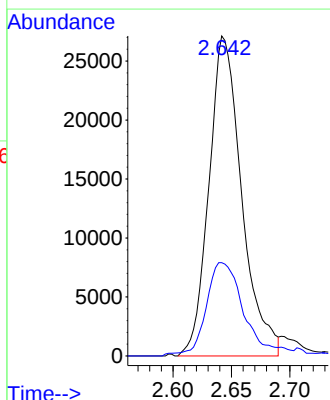
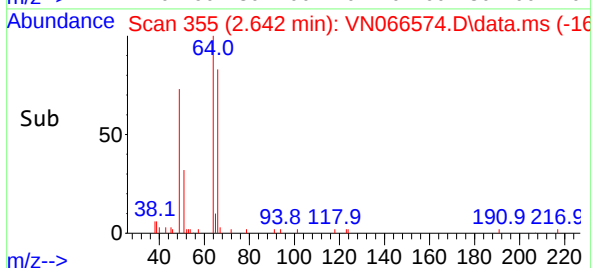
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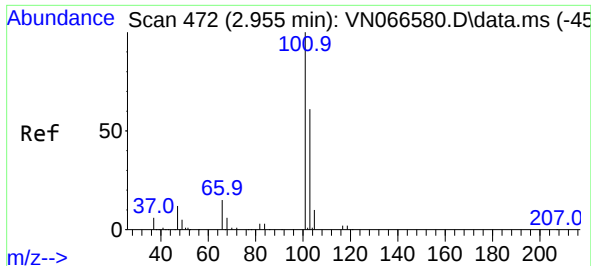


#6
Chloroethane
Concen: 21.10 ug/l
RT: 2.642 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion: 64 Resp: 52887
Ion Ratio Lower Upper
64 100
66 28.2 24.2 36.4





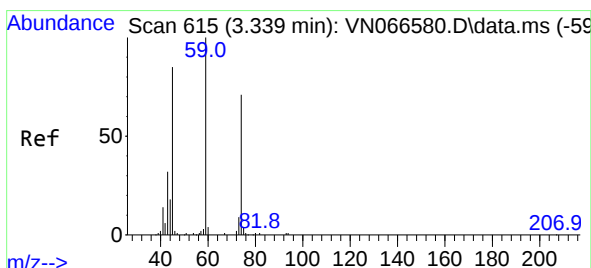
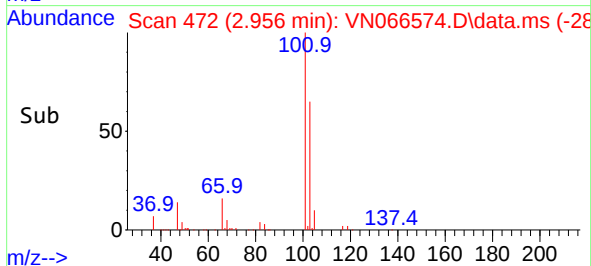
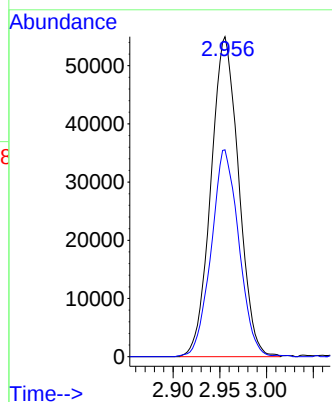
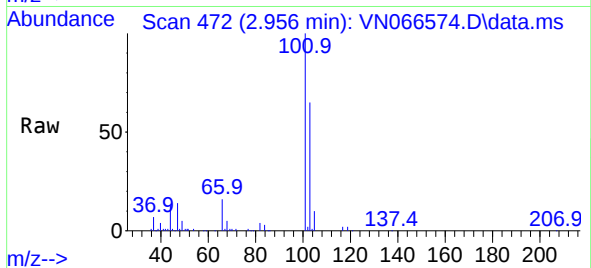
#7
Trichlorofluoromethane
Concen: 20.25 ug/l
RT: 2.956 min Scan# 472
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:101 Resp: 113590
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

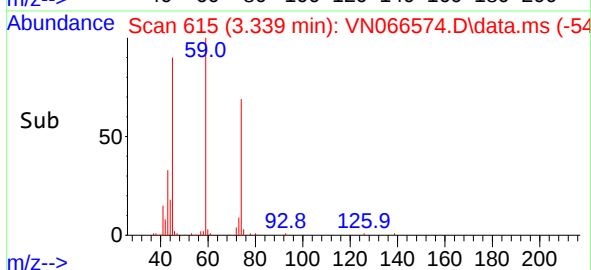
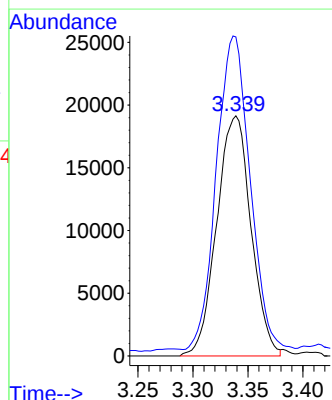
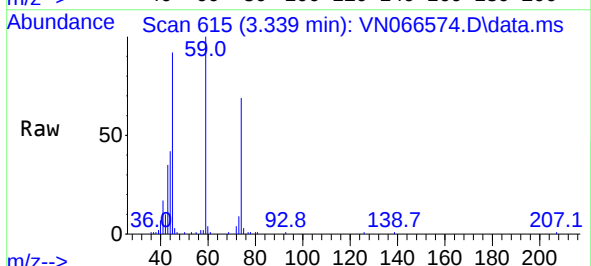
Manual Integrations
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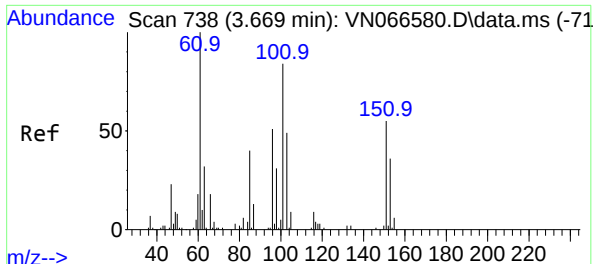
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#8
Diethyl Ether
Concen: 21.69 ug/l
RT: 3.339 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 74 Resp: 41484
Ion Ratio Lower Upper
74 100
45 127.9 19.6 176.4





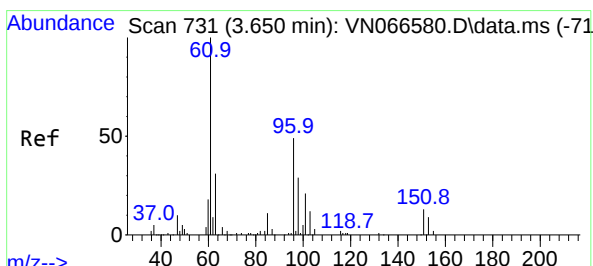
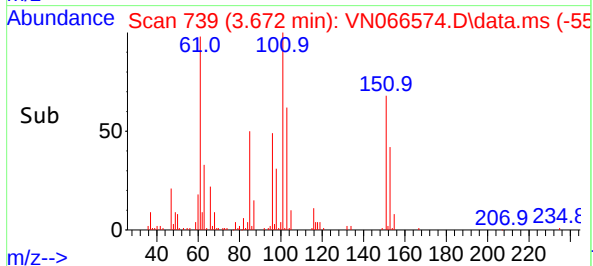
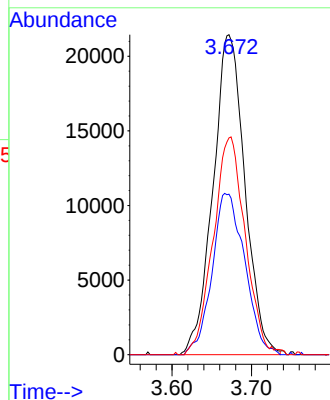
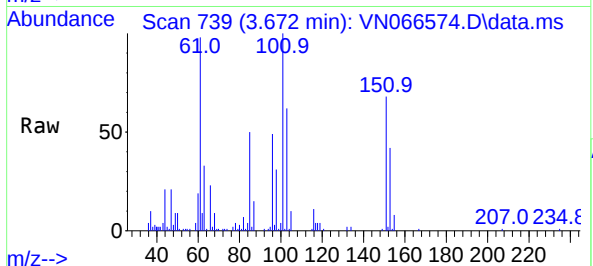
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.54 ug/l
RT: 3.672 min Scan# 739
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:101 Resp: 59704
Ion Ratio Lower Upper
101 100
85 51.7 0.0 90.6
151 67.8 0.0 159.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

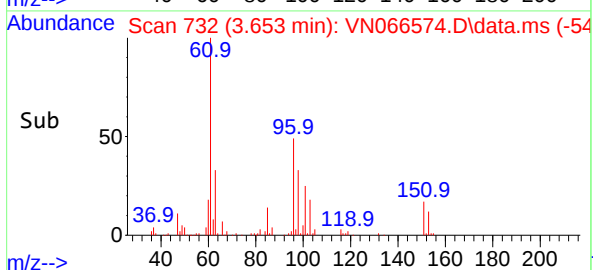
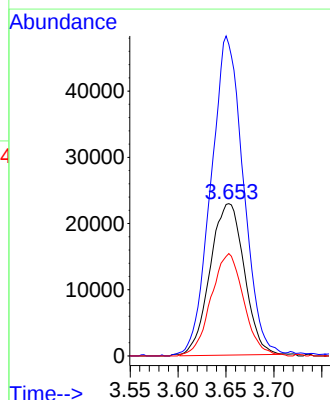
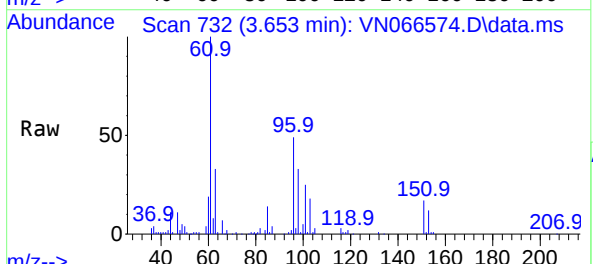
Manual Integrations
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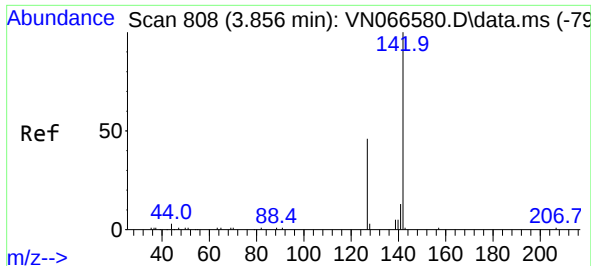
MMDadoda
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#10
1,1-Dichloroethene
Concen: 20.75 ug/l
RT: 3.653 min Scan# 732
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

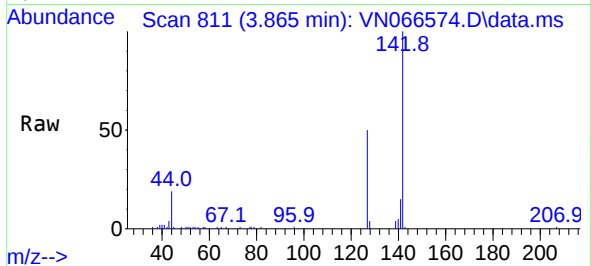
Tgt Ion: 96 Resp: 56740
Ion Ratio Lower Upper
96 100
61 204.5 139.6 209.4
98 67.1 53.7 80.5





#11
Methyl Iodide
Concen: 19.81 ug/l m
RT: 3.865 min Scan# 811
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

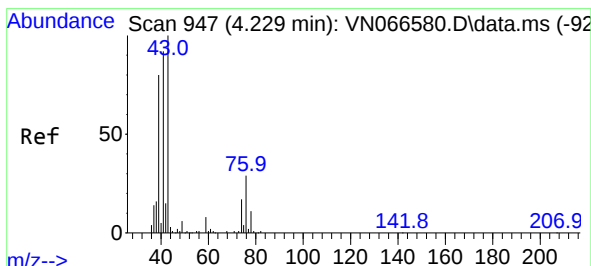
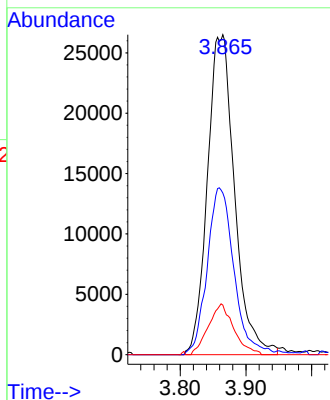
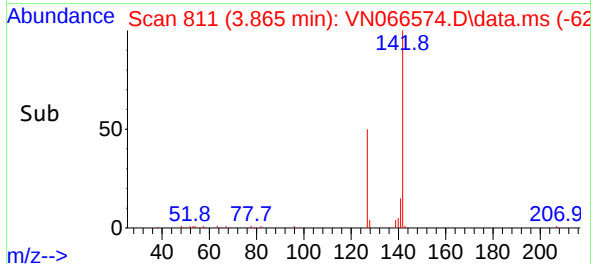
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



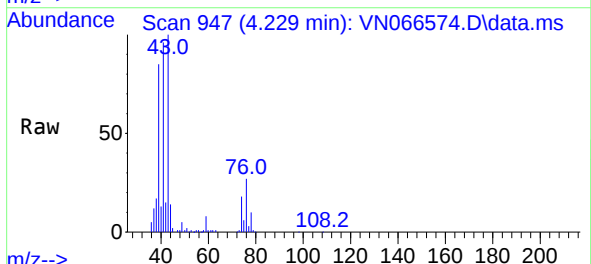
Tgt Ion:142 Resp: 76013
Ion Ratio Lower Upper
142 100
127 50.5 20.5 61.6
141 15.5 7.4 22.3

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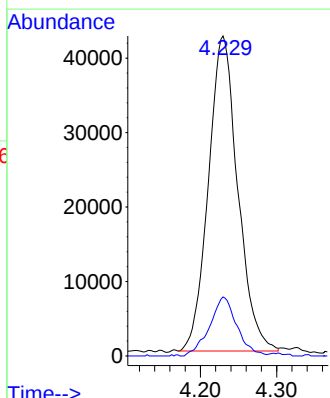
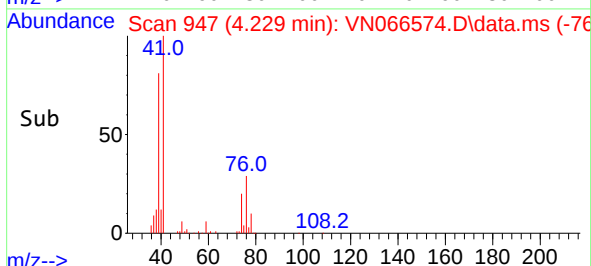
MMDadoda
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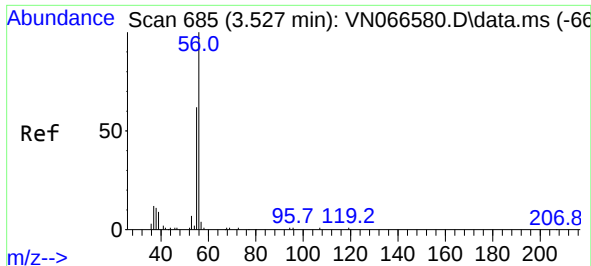


#12
Methyl Acetate
Concen: 25.52 ug/l
RT: 4.229 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



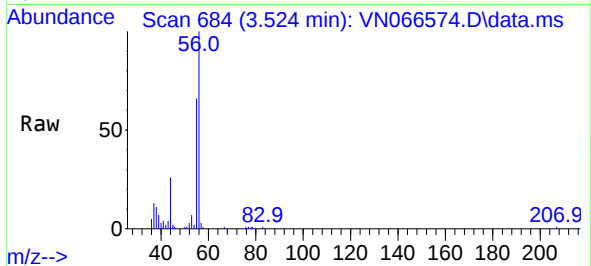
Tgt Ion: 43 Resp: 113250
Ion Ratio Lower Upper
43 100
74 18.1 18.0 27.0





#13
Acrolein
Concen: 161.08 ug/l
RT: 3.524 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

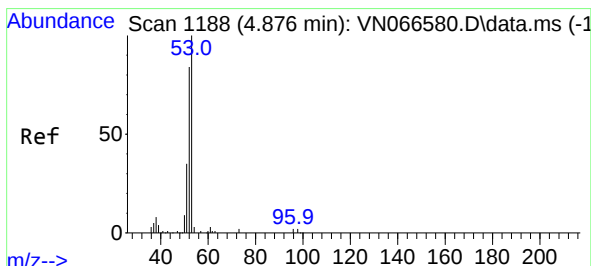
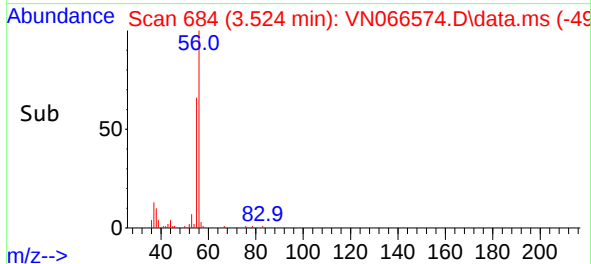
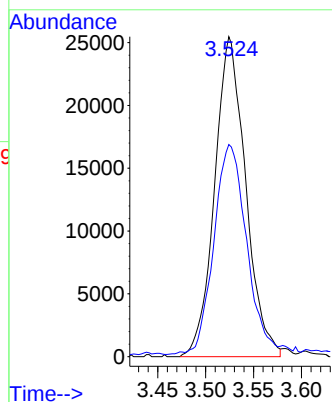
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 57250
Ion Ratio Lower Upper
56 100
55 67.1 54.1 81.1

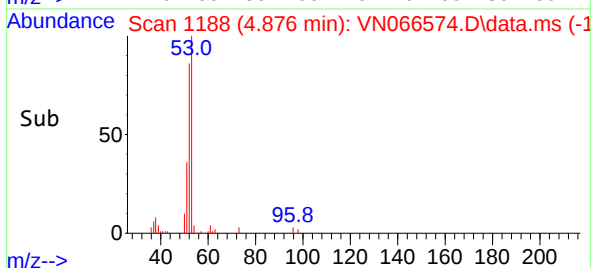
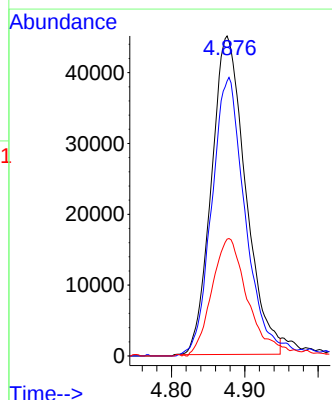
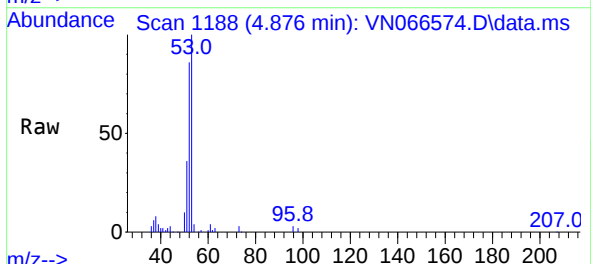
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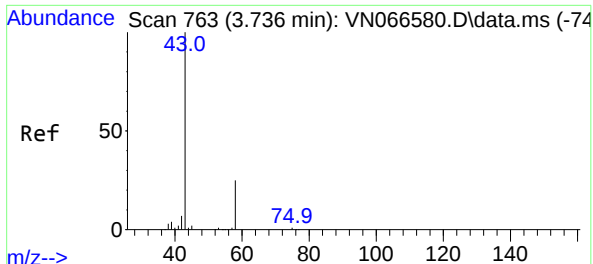
MMDadoda
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#14
Acrylonitrile
Concen: 87.48 ug/l
RT: 4.876 min Scan# 1188
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 53 Resp: 145621
Ion Ratio Lower Upper
53 100
52 85.0 41.0 123.0
51 36.7 17.8 53.4





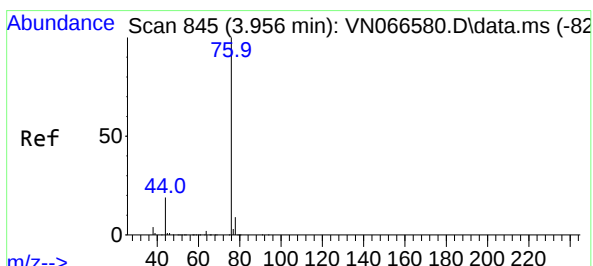
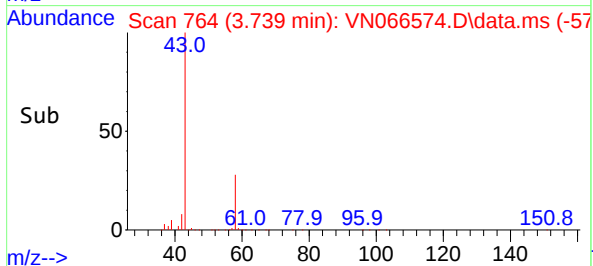
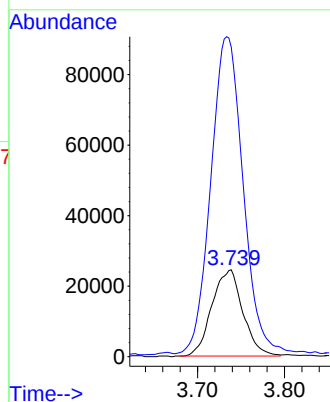
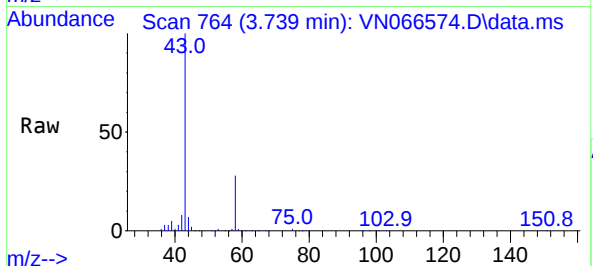
#15
Acetone
Concen: 114.56 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 58 Resp: 60498
Ion Ratio Lower Upper
58 100
43 354.4 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

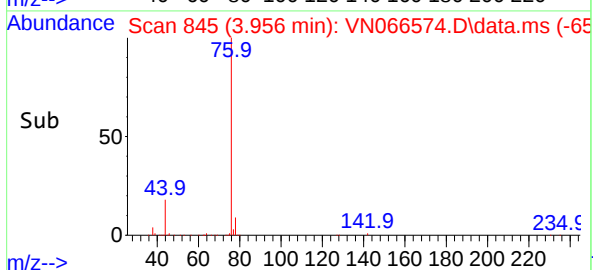
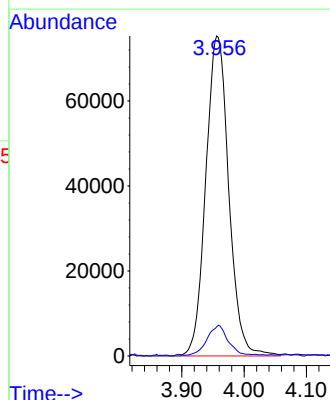
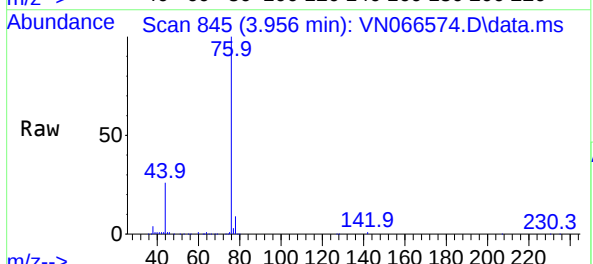
Manual Integrations
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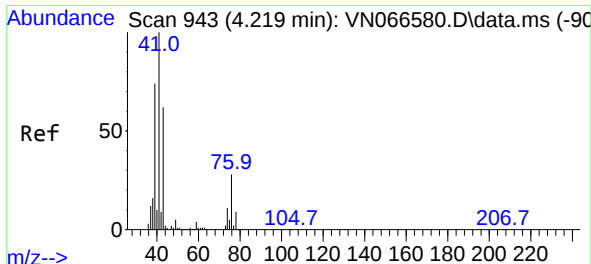
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#16
Carbon Disulfide
Concen: 24.44 ug/l
RT: 3.956 min Scan# 845
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 76 Resp: 193008
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





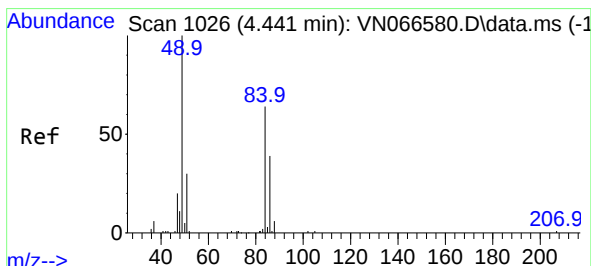
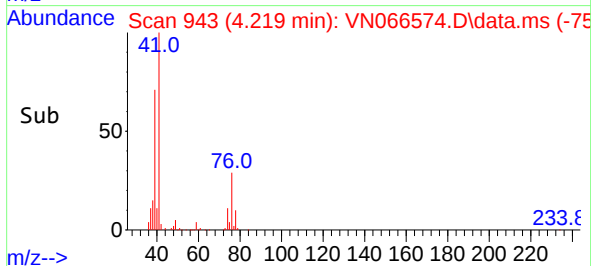
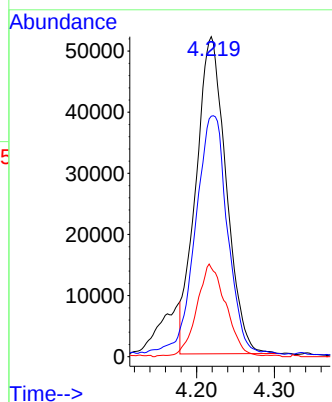
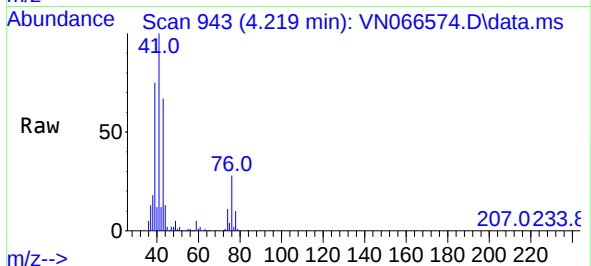
#17
Allyl chloride
Concen: 26.82 ug/l
RT: 4.219 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:	41	Resp:	140041
Ion	Ratio	Lower	Upper
41	100		
39	74.4	38.6	116.0
76	27.7	17.6	52.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

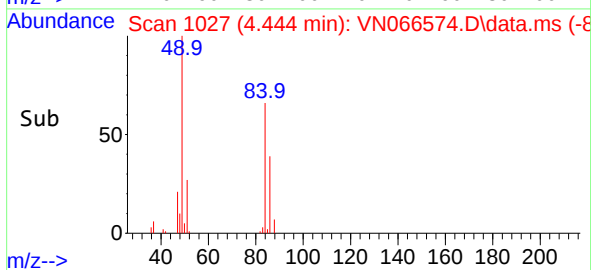
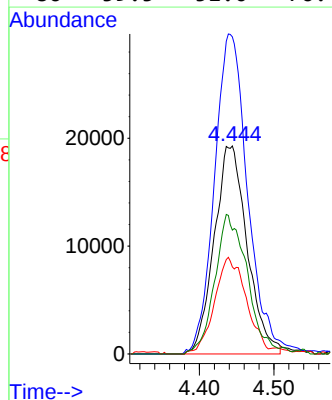
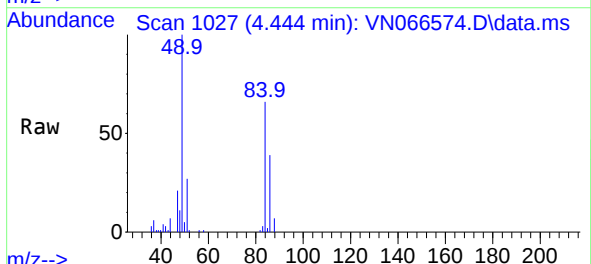
Manual Integrations
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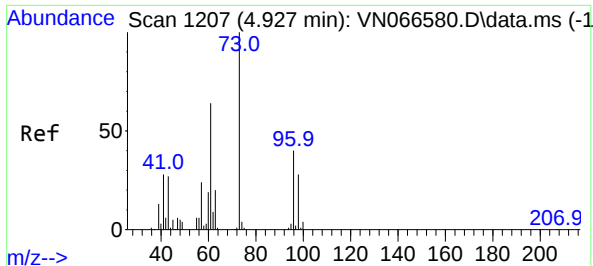
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#18
Methylene Chloride
Concen: 18.74 ug/l m
RT: 4.444 min Scan# 1027
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:	84	Resp:	59388
Ion	Ratio	Lower	Upper
84	100		
49	152.5	98.9	148.3#
51	41.9	30.8	46.2
86	59.5	51.0	76.4

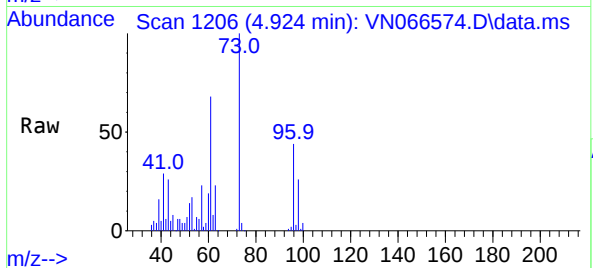




#19

trans-1,2-Dichloroethene
Concen: 18.17 ug/l
RT: 4.924 min Scan# 1206
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

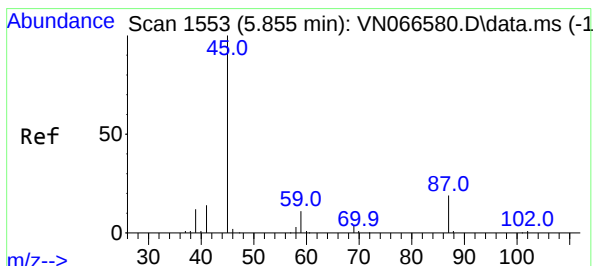
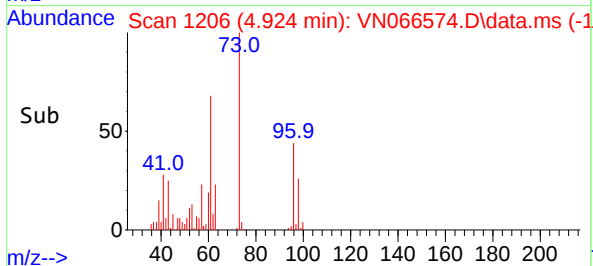
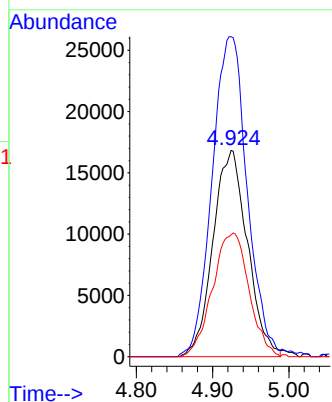
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	96	Resp:	52694
Ion	Ratio	Lower	Upper
96	100		
61	153.9	113.3	169.9
98	59.1	51.4	77.2

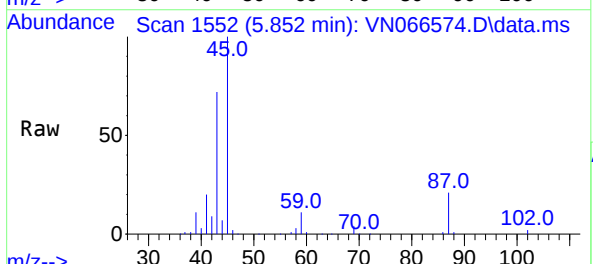
Manual Integrations
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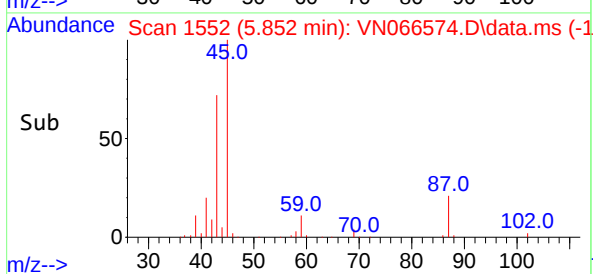
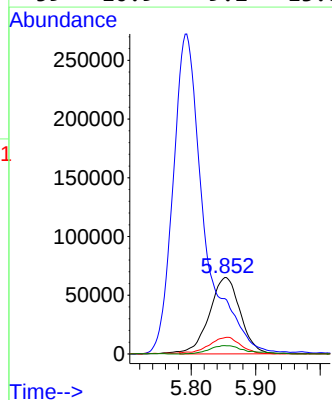


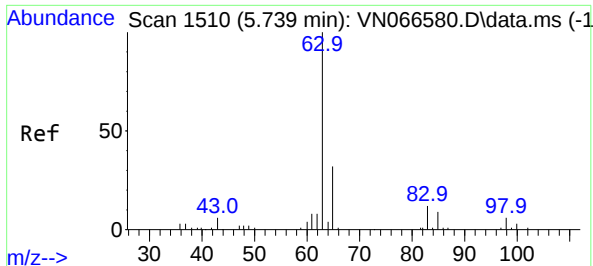
#20

Diisopropyl ether
Concen: 20.19 ug/l
RT: 5.852 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion:	45	Resp:	215705
Ion	Ratio	Lower	Upper
45	100		
43	69.8	51.4	77.2
87	21.2	21.4	32.0#
59	10.9	9.2	13.8





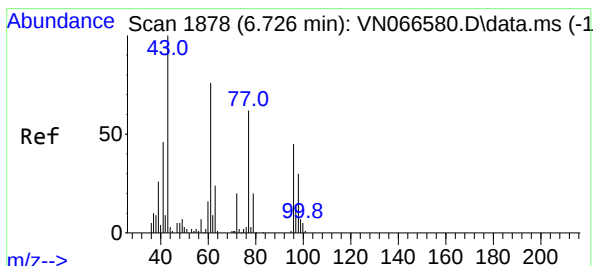
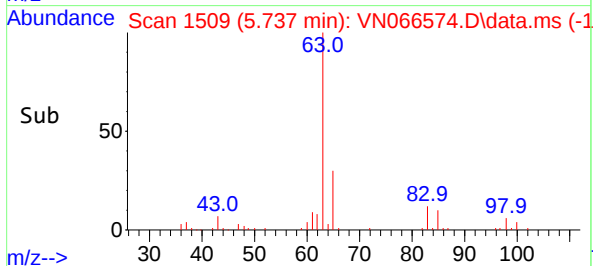
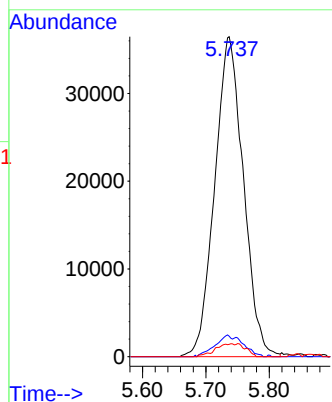
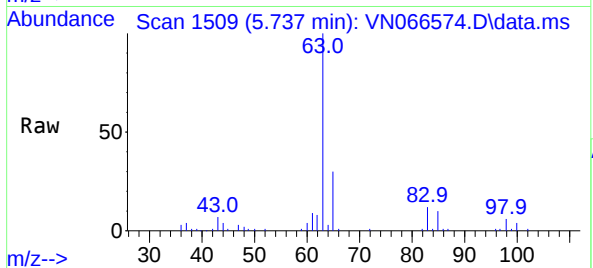
#21
1,1-Dichloroethane
Concen: 19.89 ug/l
RT: 5.737 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 63 Resp: 114431
Ion Ratio Lower Upper
63 100
98 6.4 3.3 9.9
100 3.8 1.9 5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

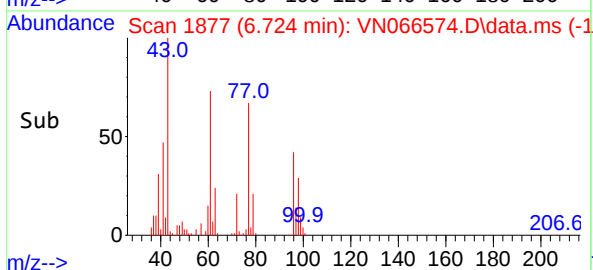
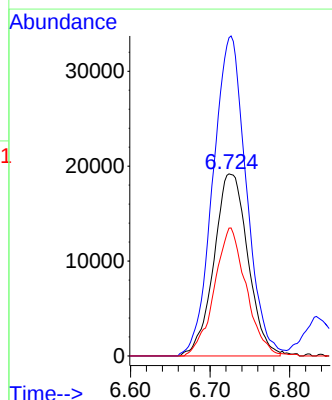
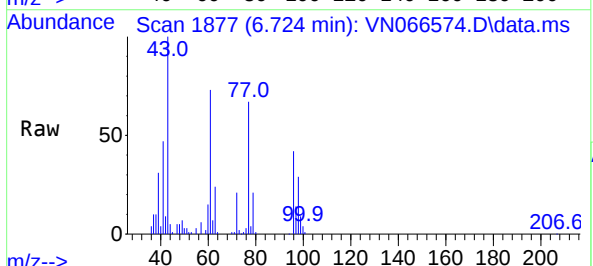
Manual Integrations
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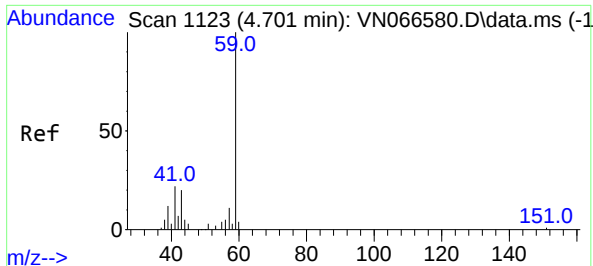
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#22
cis-1,2-Dichloroethene
Concen: 16.72 ug/l
RT: 6.724 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 96 Resp: 56874
Ion Ratio Lower Upper
96 100
61 172.7 119.4 179.0
98 66.2 51.5 77.3





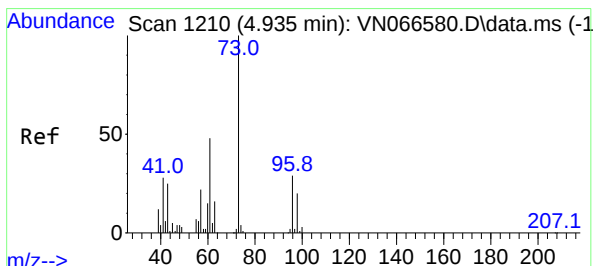
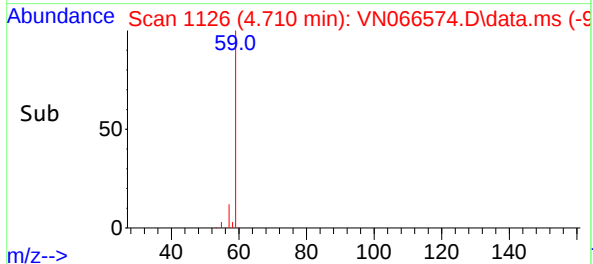
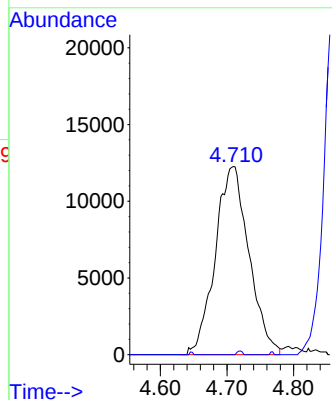
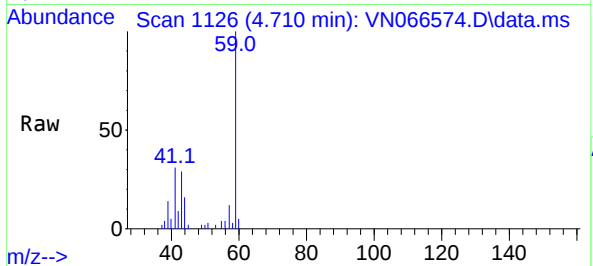
#23
tert-Butyl Alcohol
Concen: 66.97 ug/l m
RT: 4.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 59 Resp: 43229
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

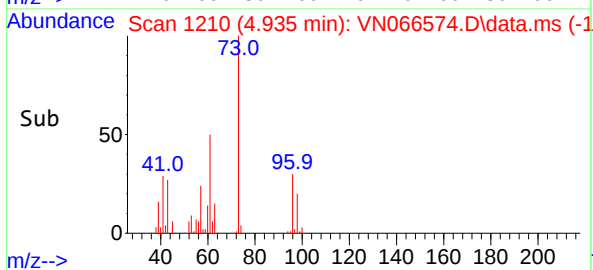
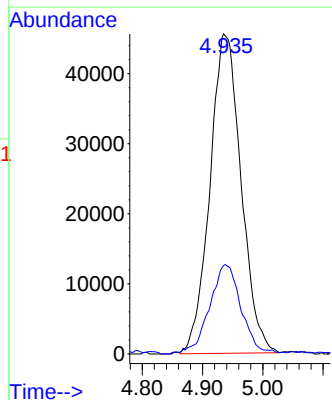
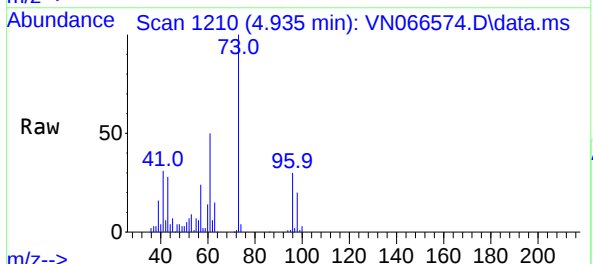
Manual Integrations
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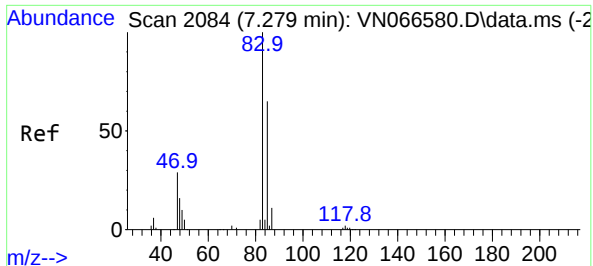
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#24
Methyl tert-Butyl Ether
Concen: 16.65 ug/l
RT: 4.935 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 73 Resp: 163780
Ion Ratio Lower Upper
73 100
43 26.3 18.5 27.7





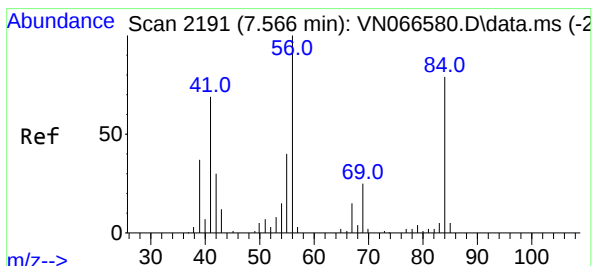
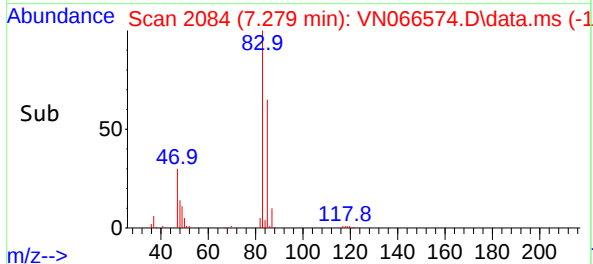
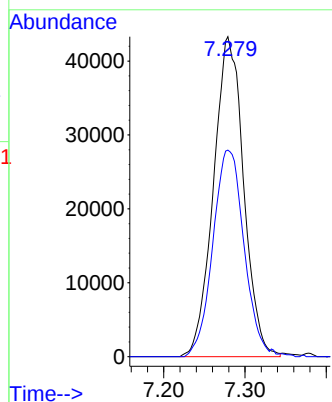
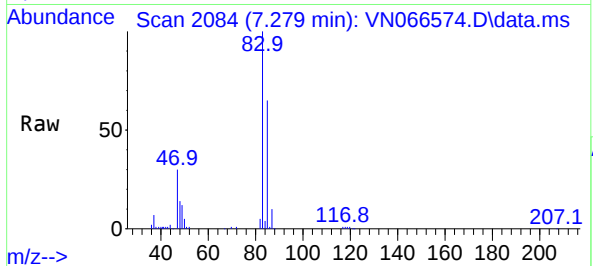
#25
Chloroform
Concen: 19.36 ug/l
RT: 7.279 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 83 Resp: 111702
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

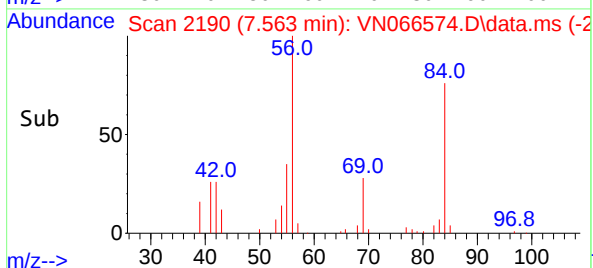
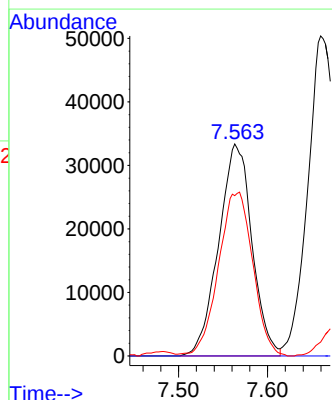
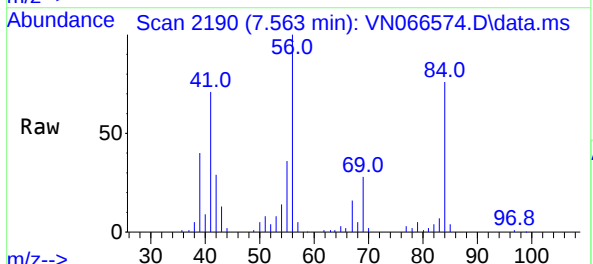
Manual Integrations
APPROVED

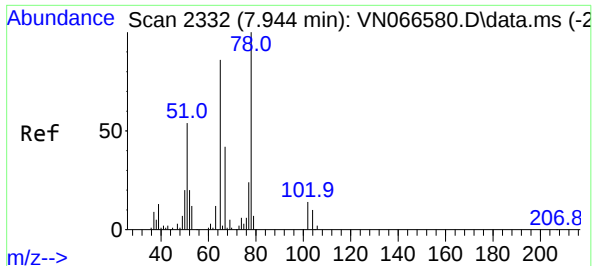
MMDadoda
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#26
Cyclohexane
Concen: 17.50 ug/l
RT: 7.563 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

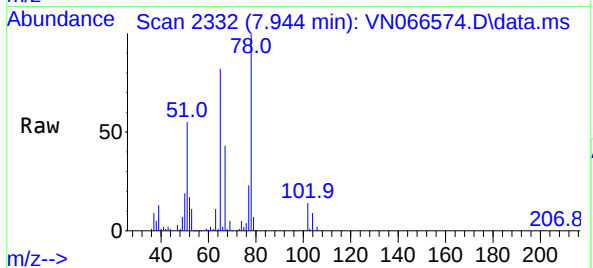
Tgt Ion: 56 Resp: 86892
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.3 65.4 98.2





#27
1,2-Dichloroethane-d4
Concen: 34.18 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

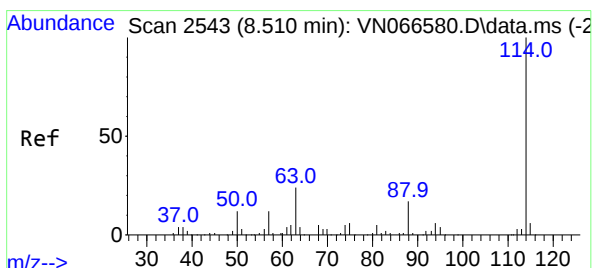
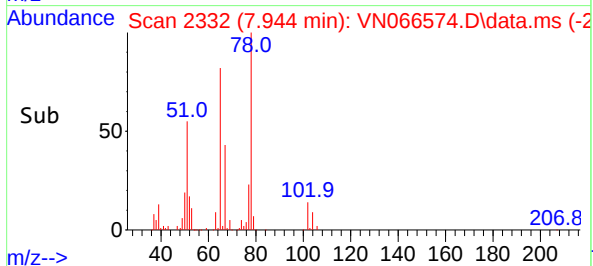
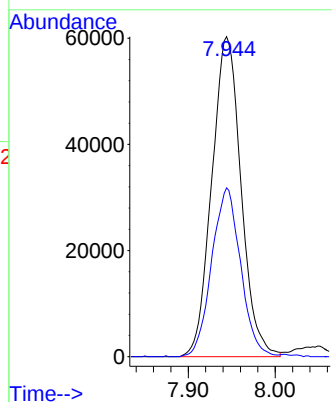
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 141147
Ion Ratio Lower Upper
65 100
67 52.1 42.2 63.4

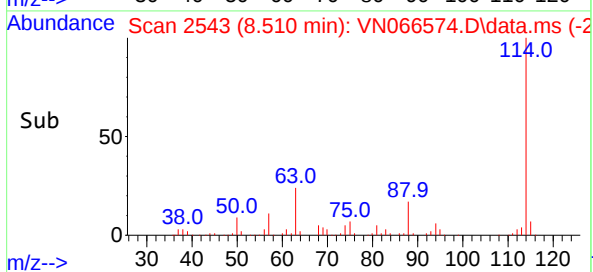
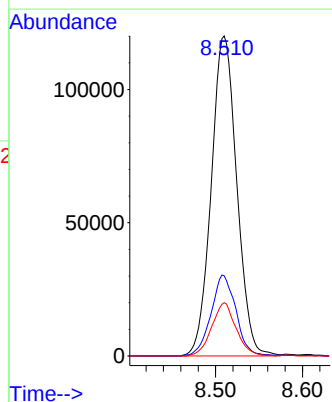
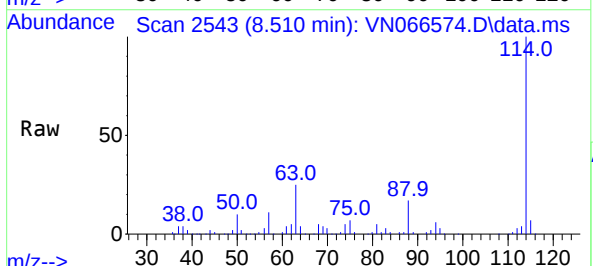
Manual Integrations
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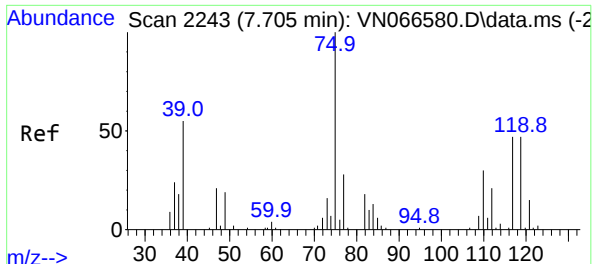
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 114 Resp: 245019
Ion Ratio Lower Upper
114 100
63 24.6 17.4 26.0
88 15.9 12.6 19.0





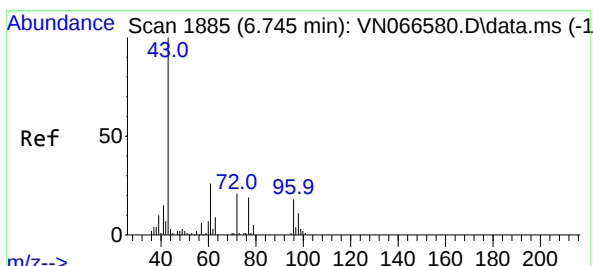
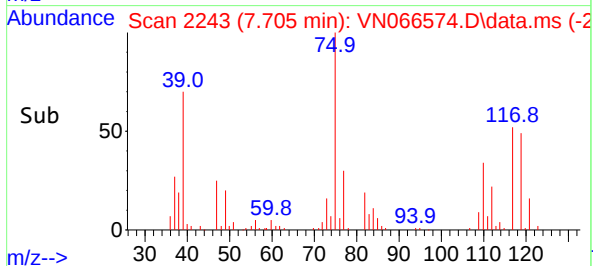
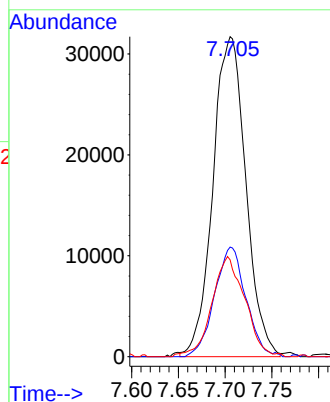
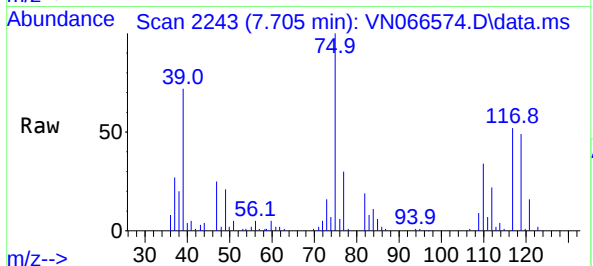
#29
1,1-Dichloropropene
Concen: 20.84 ug/l
RT: 7.705 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:	75	Resp:	77739
Ion	Ratio	Lower	Upper
75	100		
110	32.5	0.0	69.4
77	31.1	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

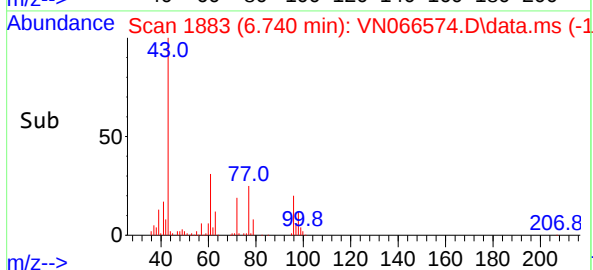
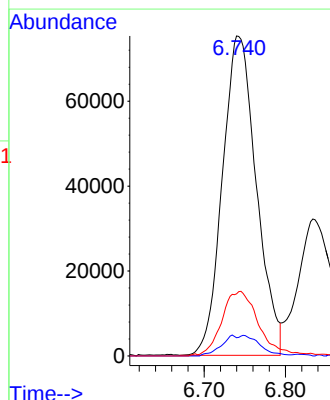
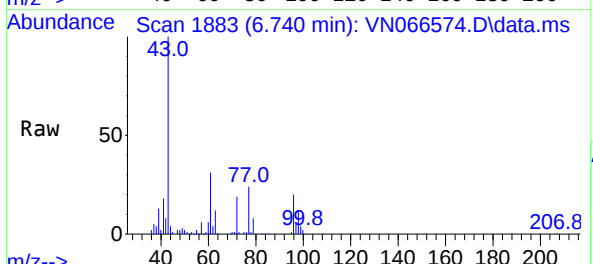
Manual Integrations
APPROVED

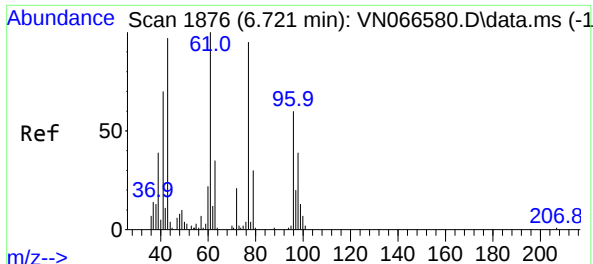
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#30
2-Butanone
Concen: 100.75 ug/l
RT: 6.740 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

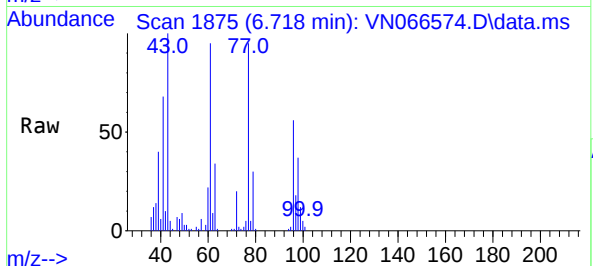
Tgt Ion:	43	Resp:	217936
Ion	Ratio	Lower	Upper
43	100		
57	3.0	6.9	10.3#
72	7.9	20.9	31.3#





#31
2,2-Dichloropropane
Concen: 21.20 ug/l
RT: 6.718 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

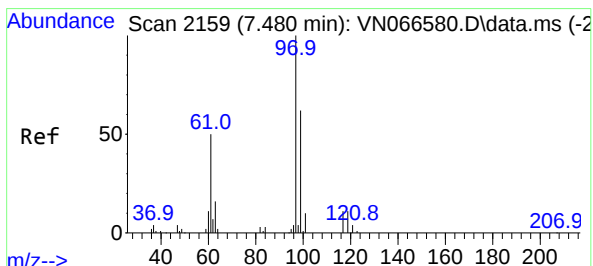
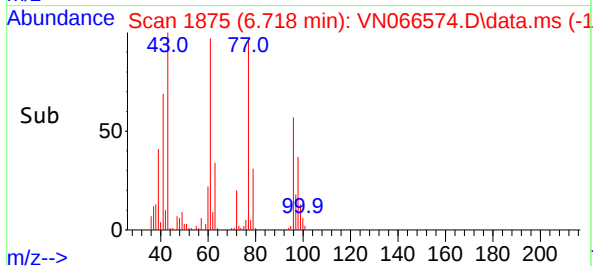
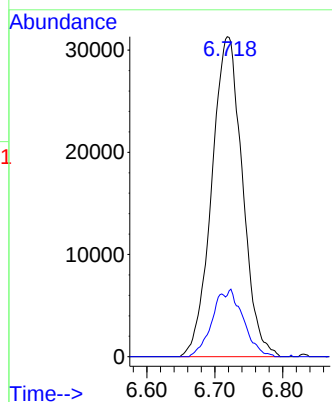
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 98153
Ion Ratio Lower Upper
77 100
97 9.7 18.1 27.1#

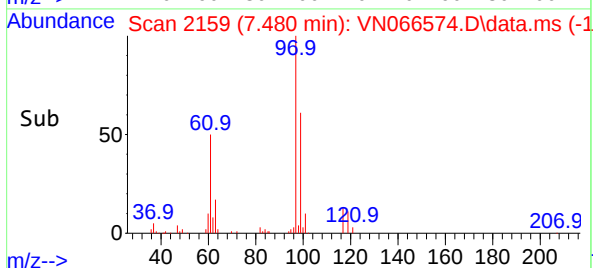
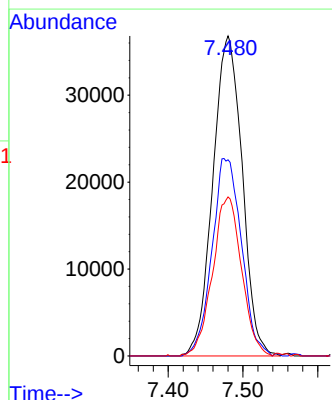
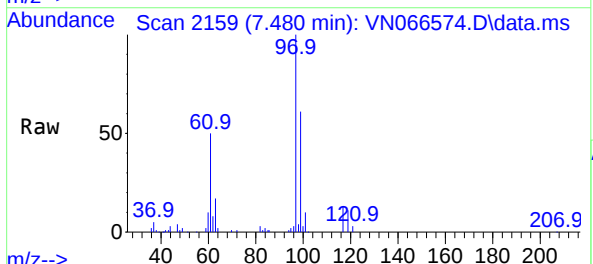
Manual Integrations
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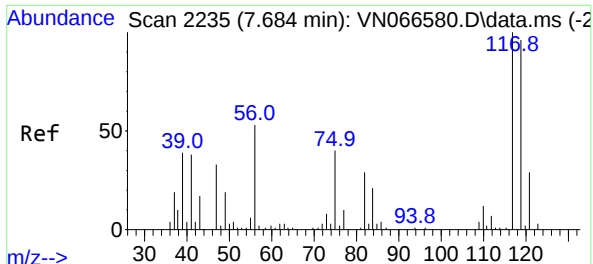
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#32
1,1,1-Trichloroethane
Concen: 21.90 ug/l
RT: 7.480 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 97 Resp: 100346
Ion Ratio Lower Upper
97 100
99 31.1 50.7 76.1#
61 49.1 37.6 56.4





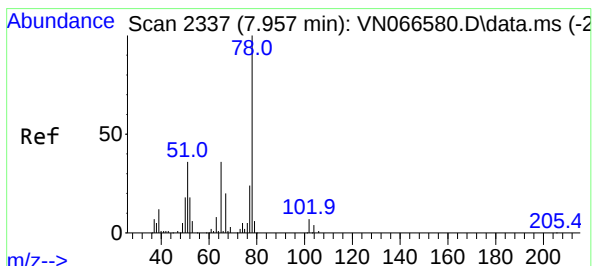
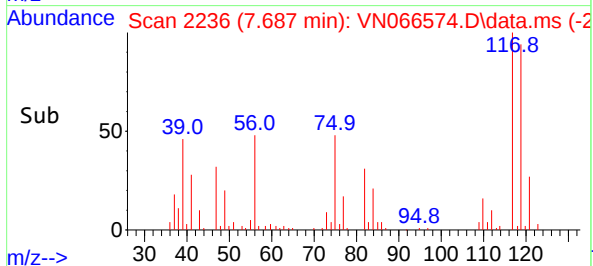
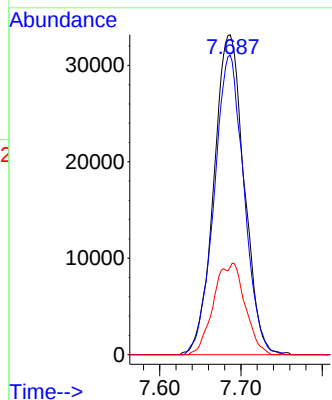
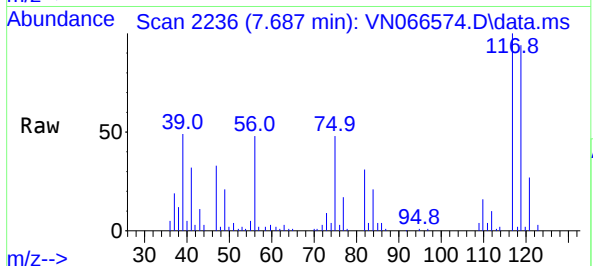
#33
Carbon Tetrachloride
Concen: 22.15 ug/l
RT: 7.687 min Scan# 2236
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 117 Resp: 85780
Ion Ratio Lower Upper
117 100
119 93.6 72.6 108.8
121 27.3 23.5 35.3

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

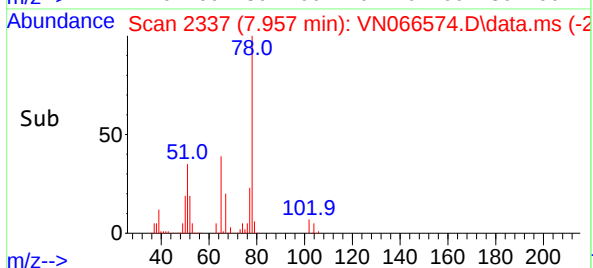
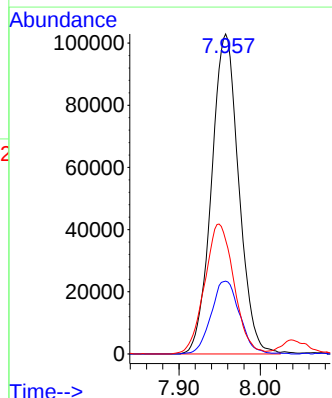
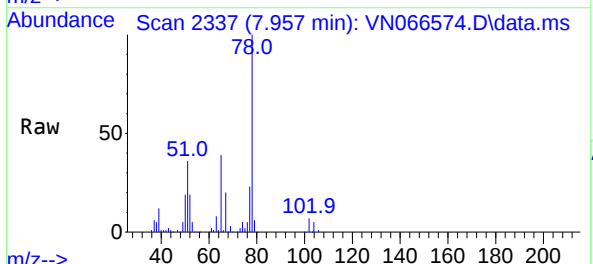
Manual Integrations
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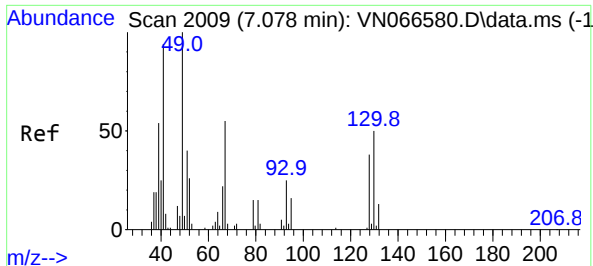
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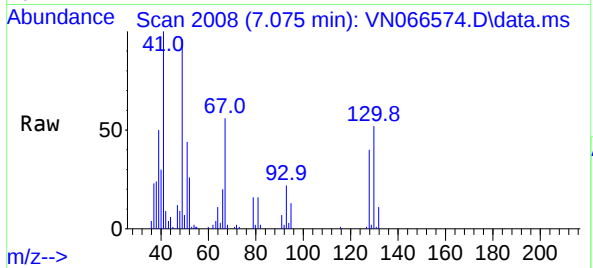
#34
Benzene
Concen: 21.08 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 78 Resp: 239610
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8
51 35.1 21.9 32.9#

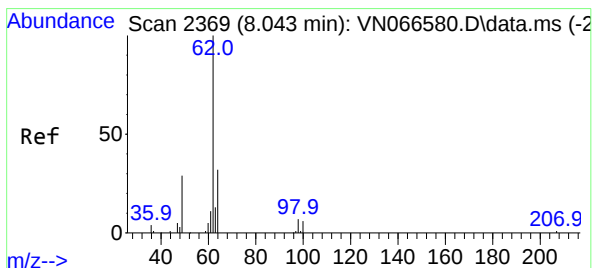
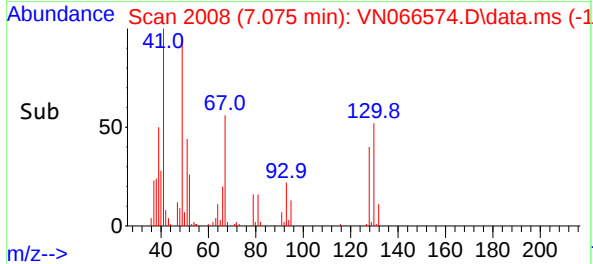
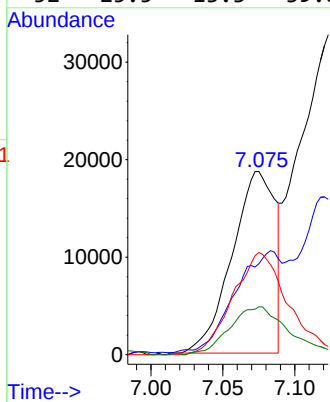




#35
Methacrylonitrile
Concen: 20.80 ug/l
RT: 7.075 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

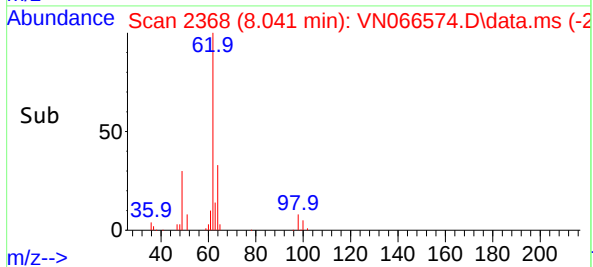
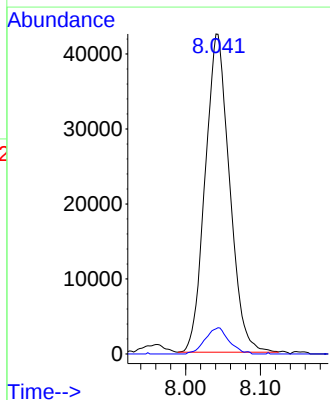
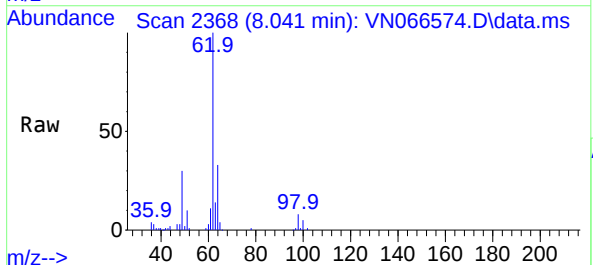


Tgt Ion:	41	Resp:	38836
Ion	Ratio	Lower	Upper
41	100		
39	48.3	27.3	81.8
67	56.3	31.4	94.3
52	25.5	13.3	39.8



#36
1,2-Dichloroethane
Concen: 22.71 ug/l
RT: 8.041 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

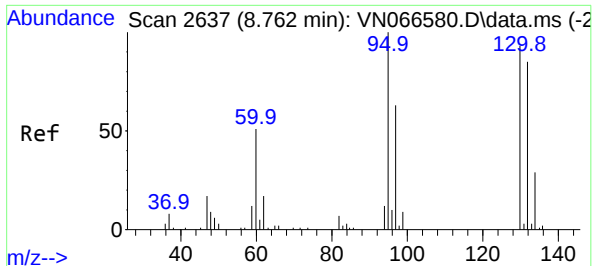
Tgt Ion:	62	Resp:	96146
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.9	10.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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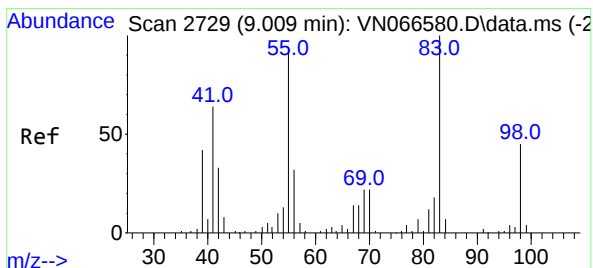
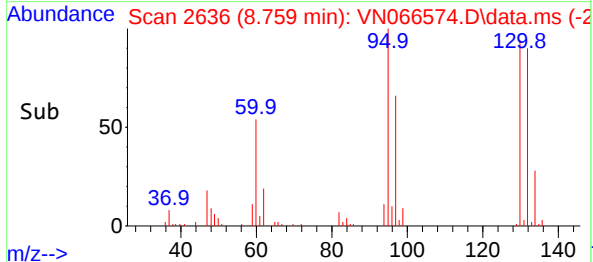
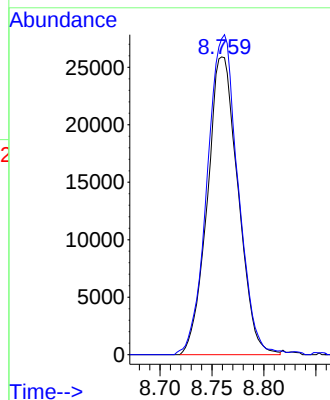
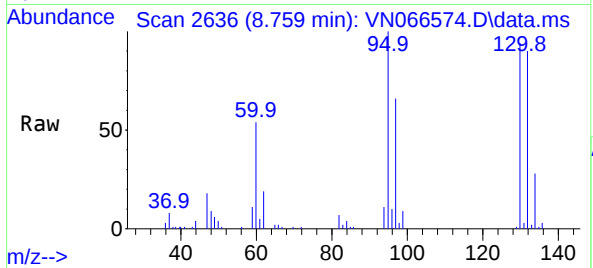
#37
Trichloroethene
Concen: 18.49 ug/l
RT: 8.759 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 130 Resp: 53197
Ion Ratio Lower Upper
130 100
95 104.8 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

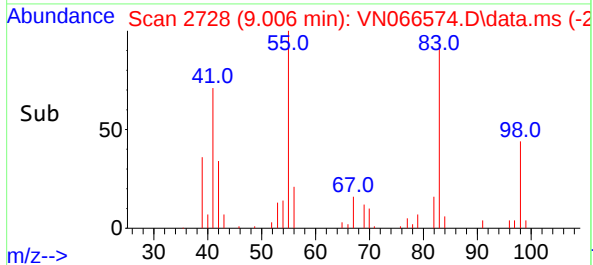
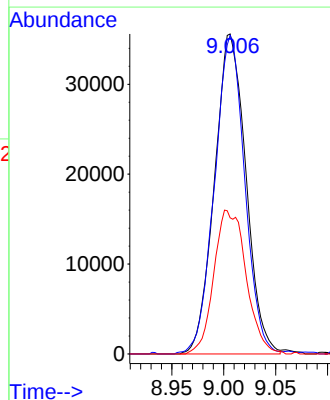
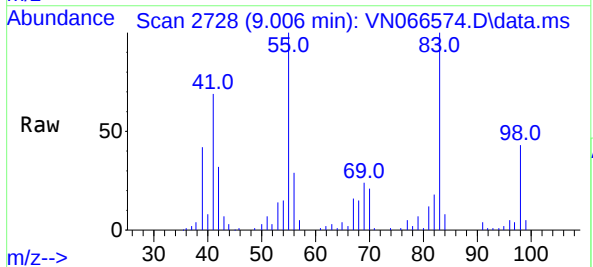
Manual Integrations
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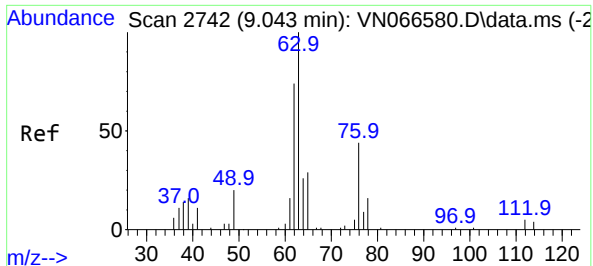
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#38
Methylcyclohexane
Concen: 16.99 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 83 Resp: 74770
Ion Ratio Lower Upper
83 100
55 95.9 38.8 116.3
98 27.4 22.2 66.6





#39

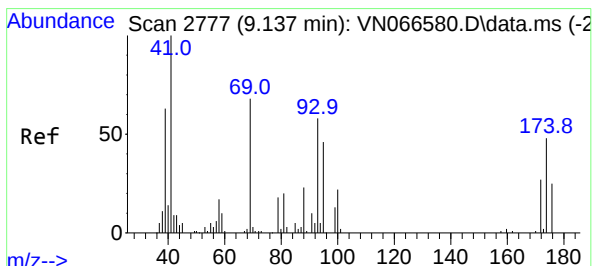
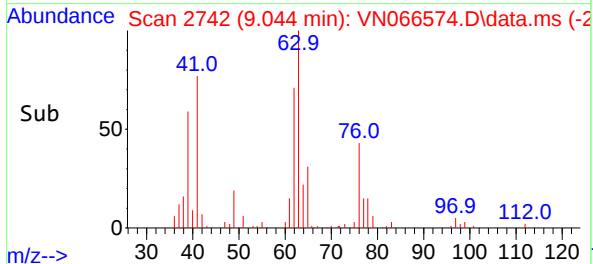
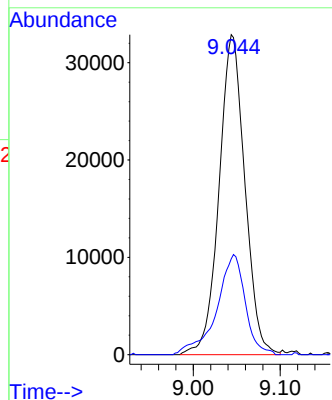
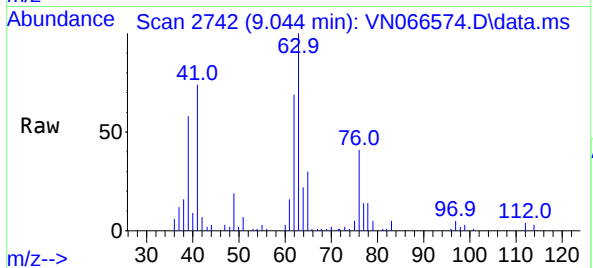
1,2-Dichloropropane
Concen: 21.81 ug/l
RT: 9.044 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 63 Resp: 67679
Ion Ratio Lower Upper
63 100
65 29.9 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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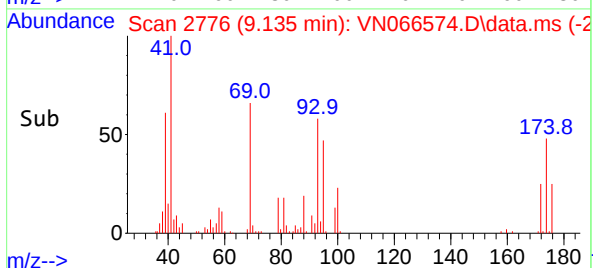
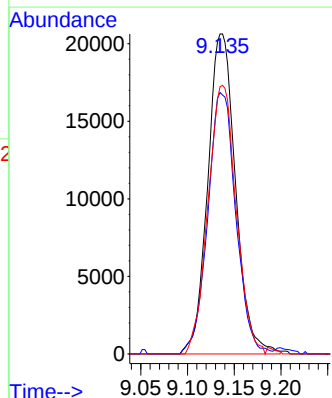
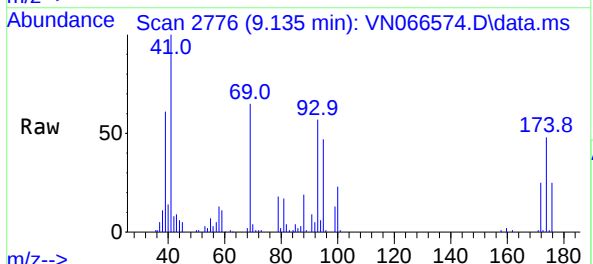
MMDadoda
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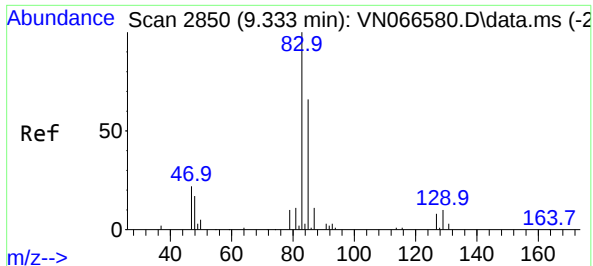


#40

Dibromomethane
Concen: 21.50 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 93 Resp: 42749
Ion Ratio Lower Upper
93 100
95 82.0 0.0 169.0
174 85.1 0.0 205.8





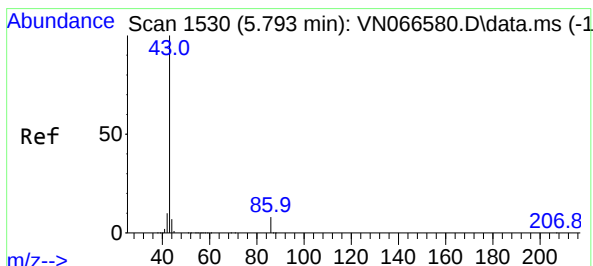
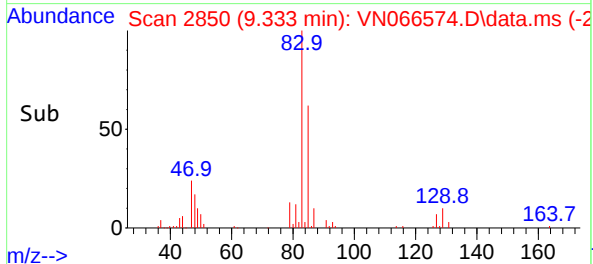
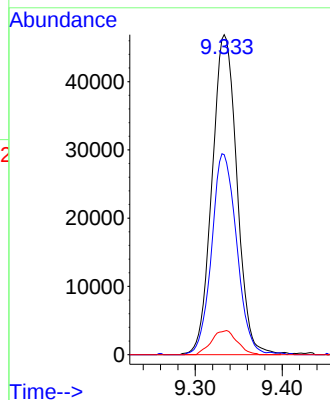
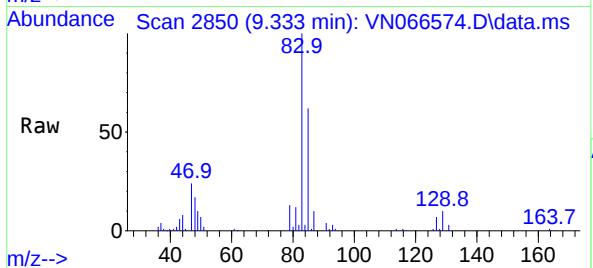
#41
Bromodichloromethane
Concen: 21.99 ug/l
RT: 9.333 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 83 Resp: 93077
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8
127 7.4 6.9 10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

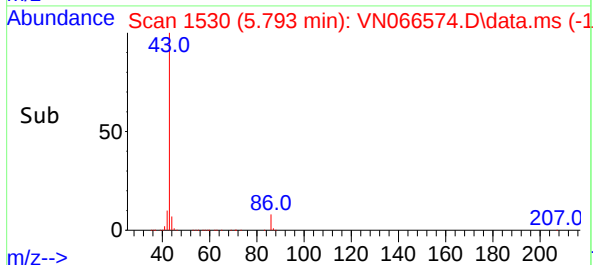
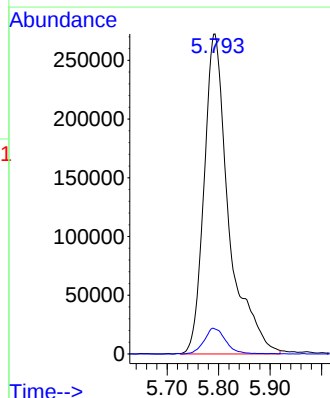
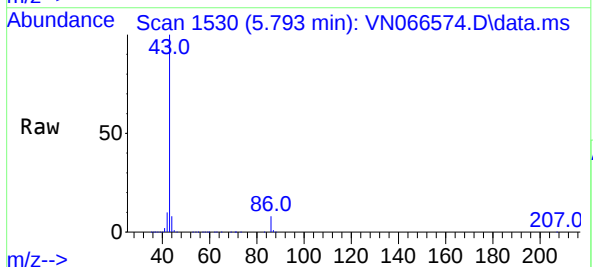
Manual Integrations
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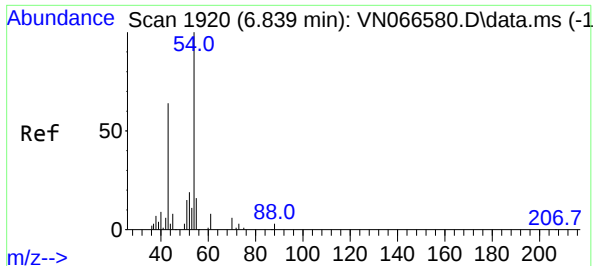
MMDadoda
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#42
Vinyl Acetate
Concen: 109.36 ug/l m
RT: 5.793 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 43 Resp: 910448
Ion Ratio Lower Upper
43 100
86 6.9 6.7 10.1





#43

Ethyl Acetate

Concen: 20.42 ug/l

RT: 6.834 min Scan# 1918

Delta R.T. 0.000 min

Lab File: VN066574.D

Acq: 13 Apr 2021 12:56

Tgt Ion: 43 Resp: 84726

Ion Ratio Lower Upper

43 100

45 6.2 6.3 9.5#

Instrument :

MSVOA_N

ClientSampleId :

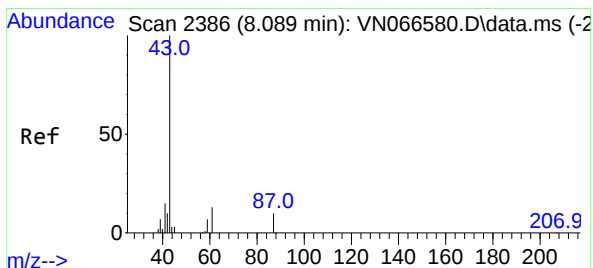
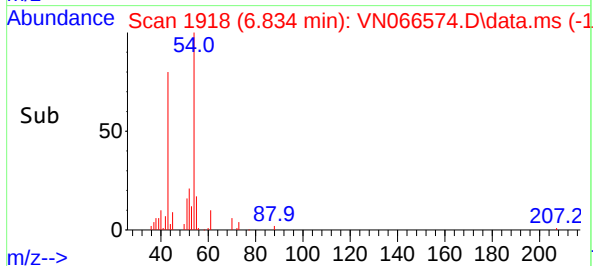
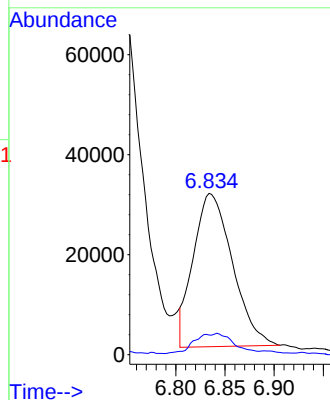
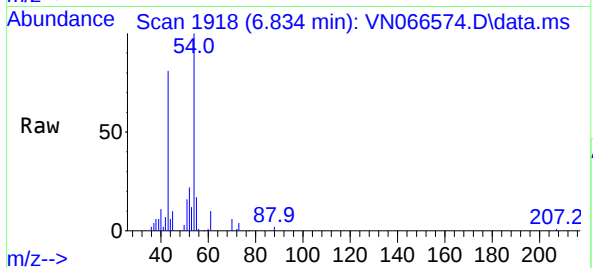
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#44

Isopropyl Acetate

Concen: 19.89 ug/l

RT: 8.091 min Scan# 2387

Delta R.T. 0.000 min

Lab File: VN066574.D

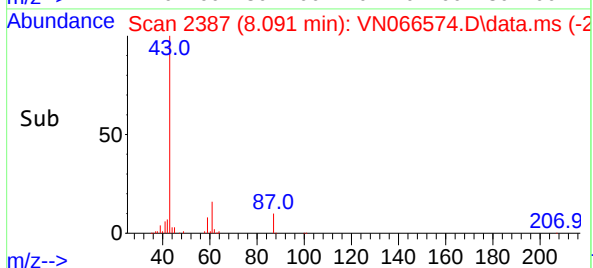
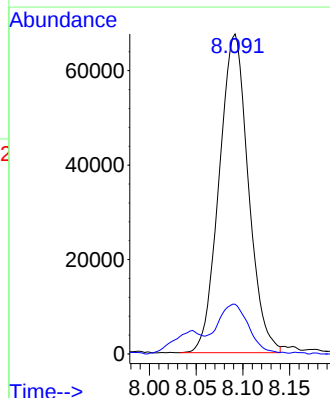
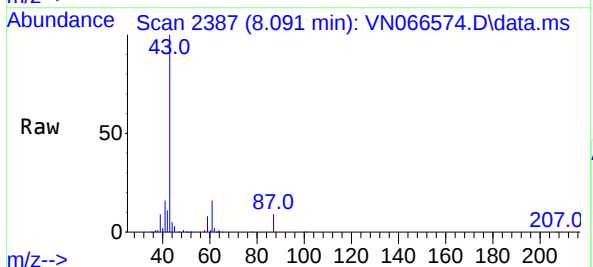
Acq: 13 Apr 2021 12:56

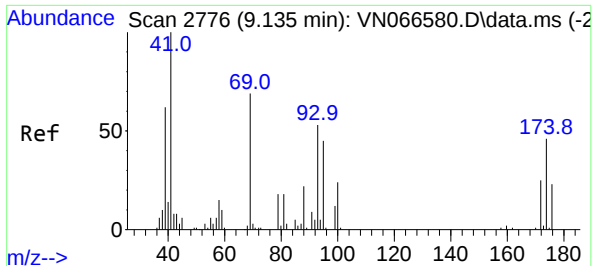
Tgt Ion: 43 Resp: 146843

Ion Ratio Lower Upper

43 100

61 15.6 20.4 30.6#





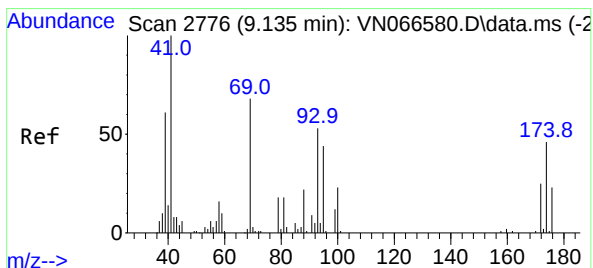
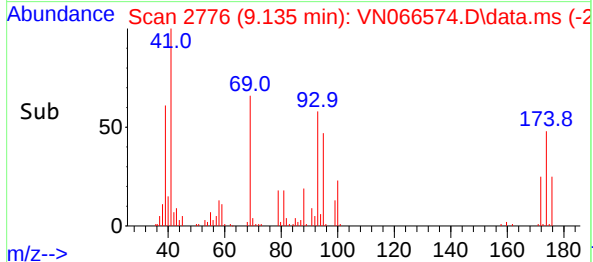
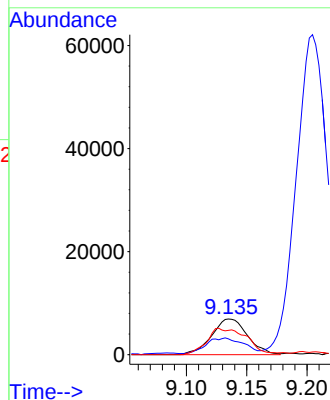
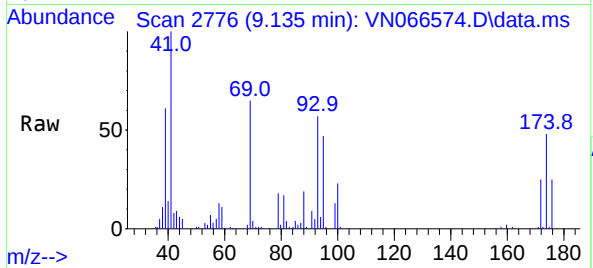
#45
1,4-Dioxane
Concen: 320.25 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 88 Resp: 14368
Ion Ratio Lower Upper
88 100
43 17.3 27.0 40.4#
58 38.5 57.9 86.9#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

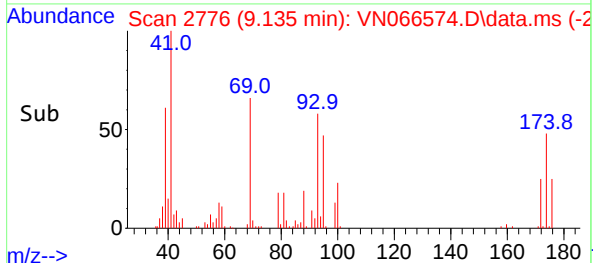
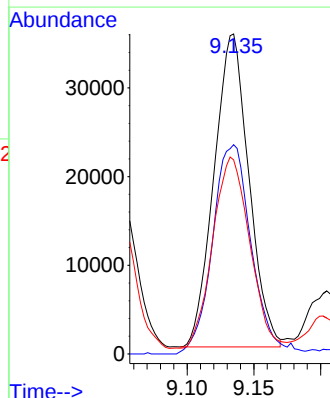
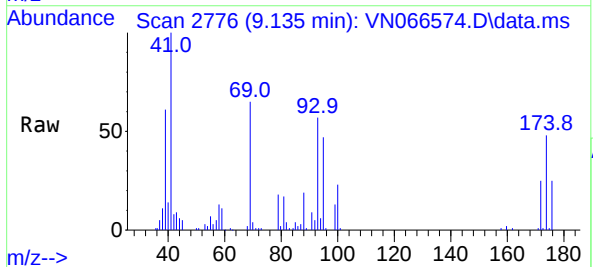
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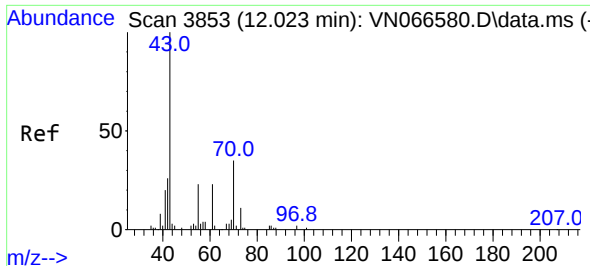
MMDadoda
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#46
Methyl methacrylate
Concen: 18.78 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

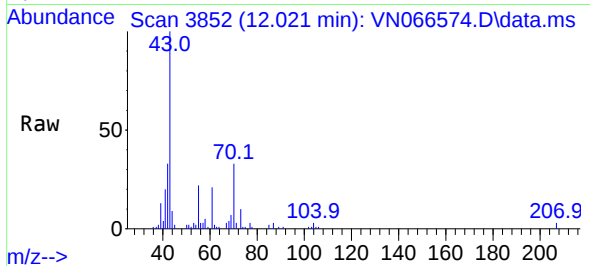
Tgt Ion: 41 Resp: 64034
Ion Ratio Lower Upper
41 100
69 66.2 40.6 121.7
39 60.2 33.2 99.6





#47
n-amy1 Acetate
Concen: 15.81 ug/l m
RT: 12.021 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

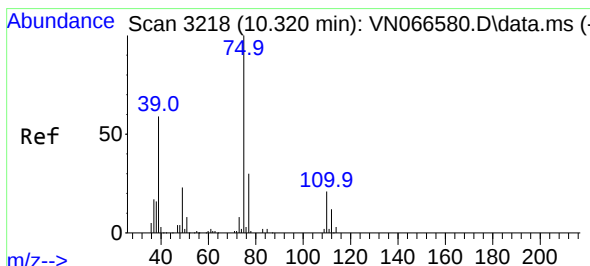
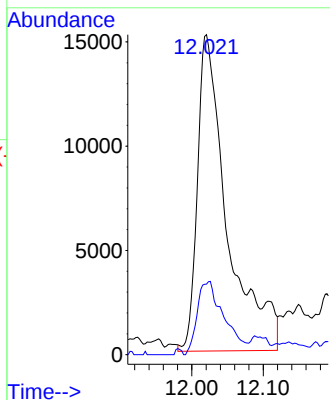
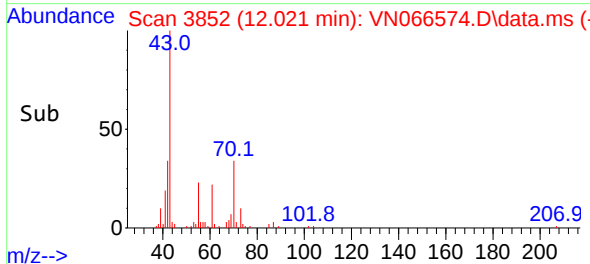
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



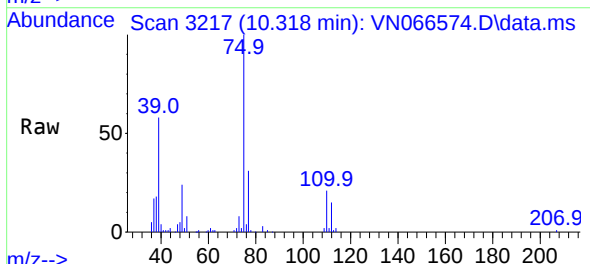
Tgt Ion: 43 Resp: 43979
Ion Ratio Lower Upper
43 100
55 0.4 17.7 26.5#

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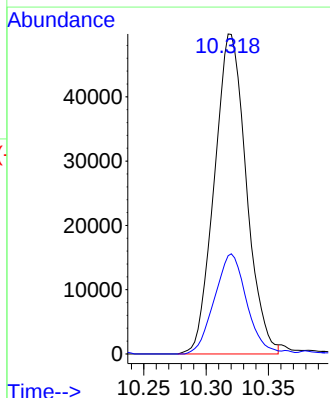
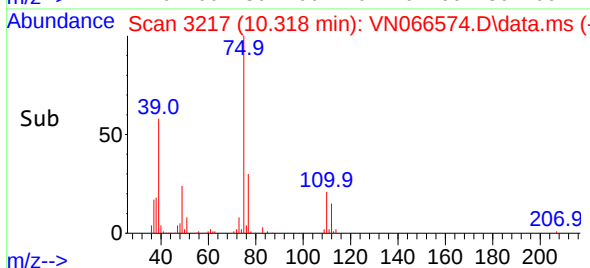
MMDadoda
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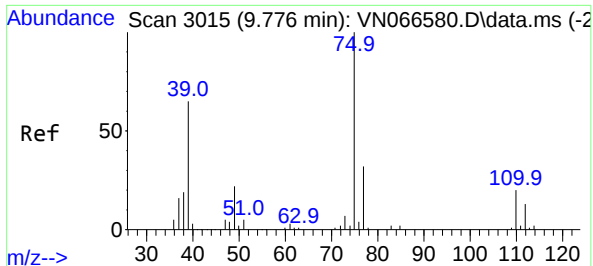


#48
t-1,3-Dichloropropene
Concen: 19.81 ug/l
RT: 10.318 min Scan# 3217
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion: 75 Resp: 88744
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3





#49

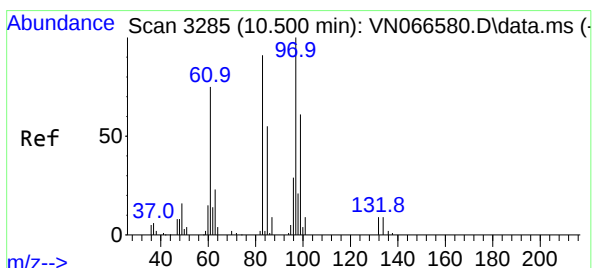
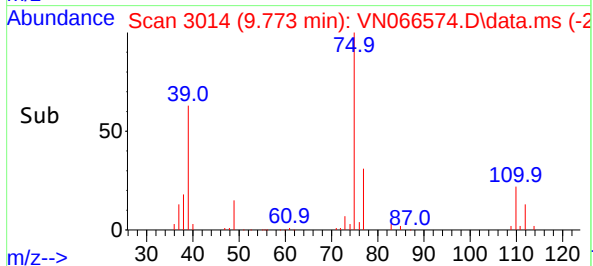
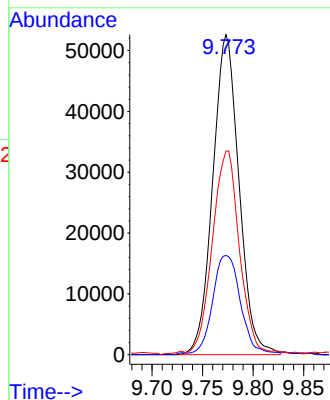
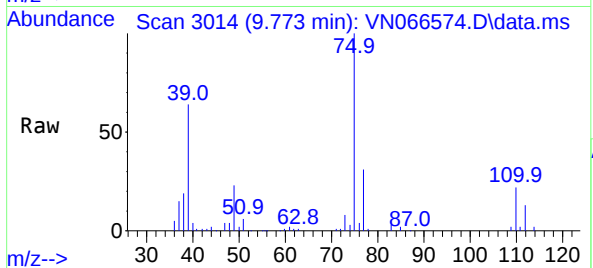
cis-1,3-Dichloropropene
 Concen: 19.75 ug/l
 RT: 9.773 min Scan# 3014
 Delta R.T. 0.000 min
 Lab File: VN066574.D
 Acq: 13 Apr 2021 12:56

Tgt Ion:	75	Resp:	95036
Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.4	38.0
39	62.7	46.8	70.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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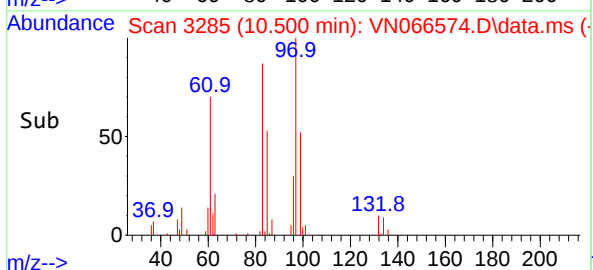
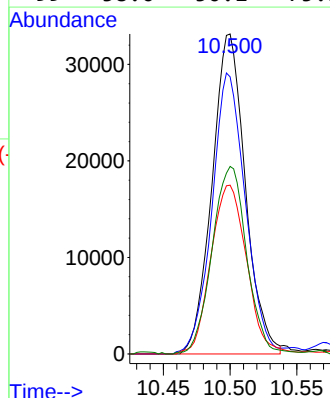
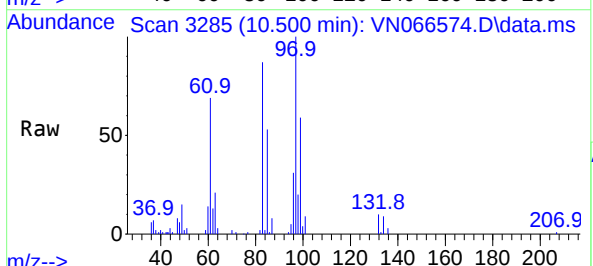
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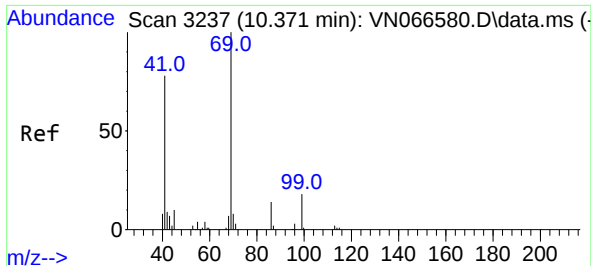


#50

1,1,2-Trichloroethane
 Concen: 20.52 ug/l
 RT: 10.500 min Scan# 3285
 Delta R.T. 0.000 min
 Lab File: VN066574.D
 Acq: 13 Apr 2021 12:56

Tgt Ion:	97	Resp:	57500
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.8	103.2
85	52.0	44.8	67.2
99	58.0	50.1	75.1





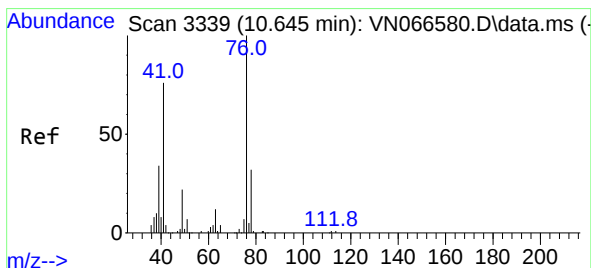
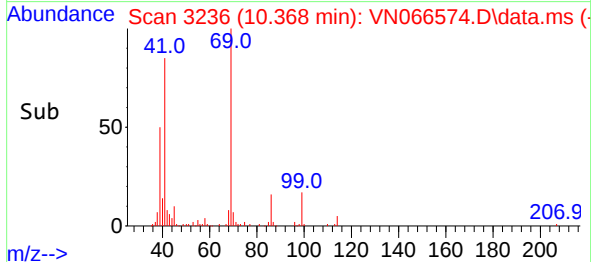
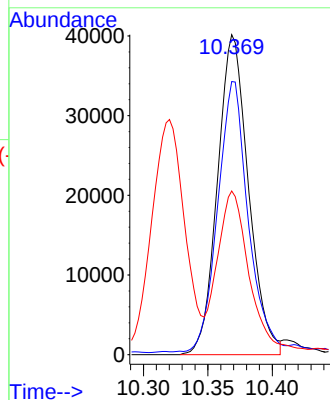
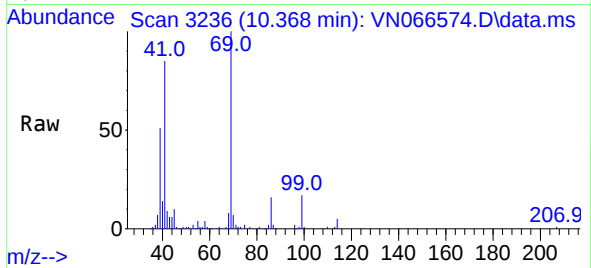
#51
Ethyl methacrylate
Concen: 16.14 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 69 Resp: 67154
Ion Ratio Lower Upper
69 100
41 84.2 34.8 104.5
39 47.8 22.5 67.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

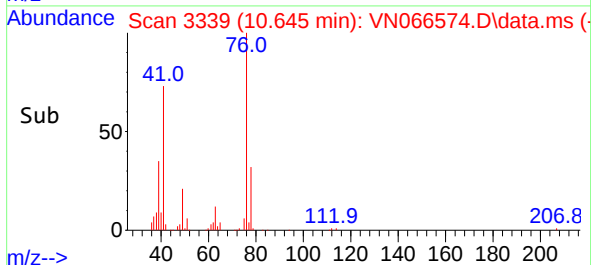
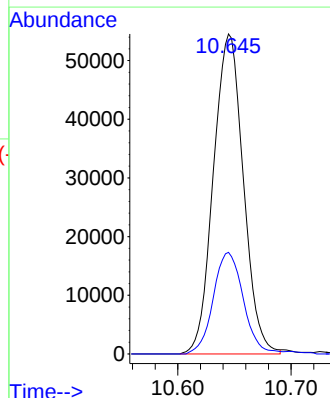
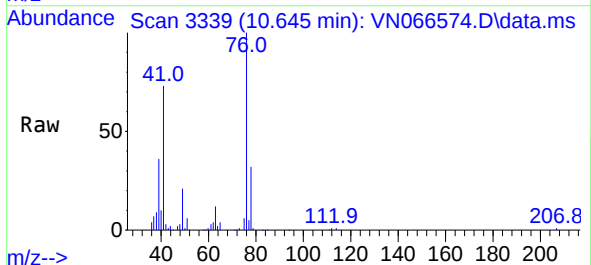
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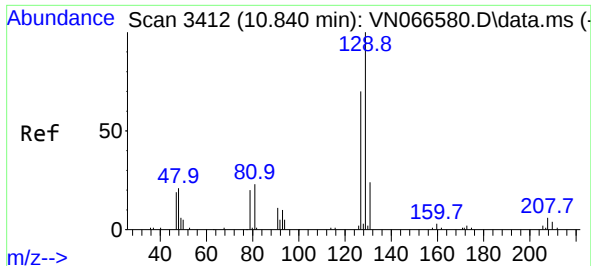
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#52
1,3-Dichloropropane
Concen: 21.20 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 76 Resp: 99996
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.6





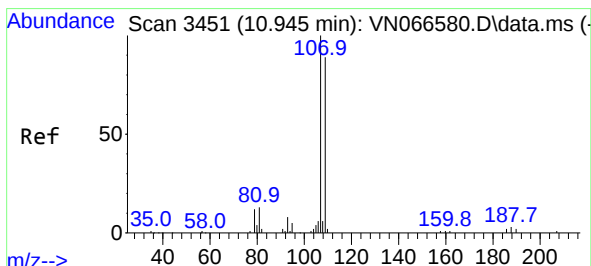
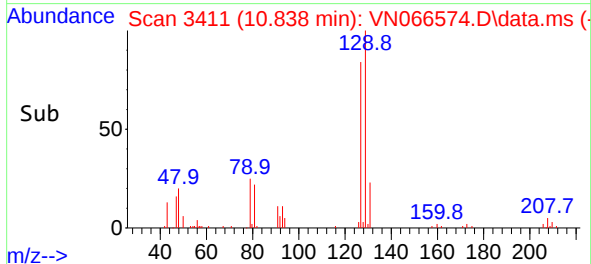
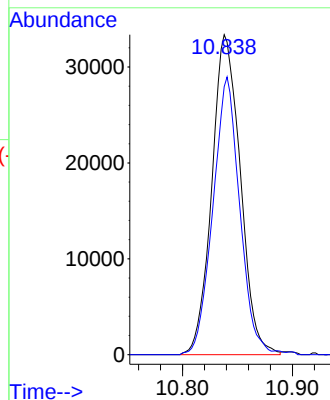
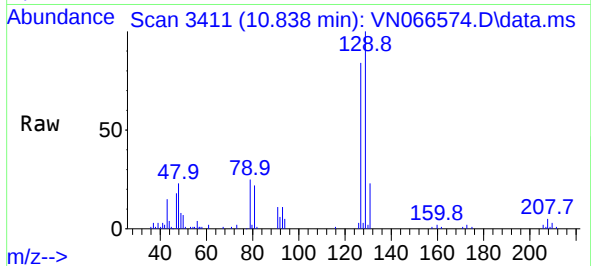
#53
Dibromochloromethane
Concen: 19.38 ug/l
RT: 10.838 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:129 Resp: 60152
Ion Ratio Lower Upper
129 100
127 81.3 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

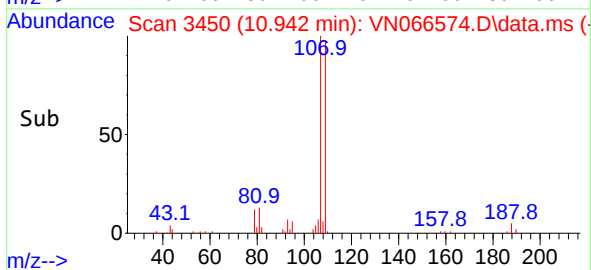
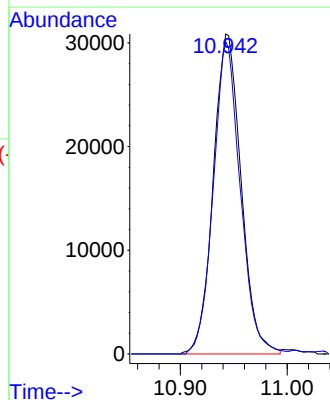
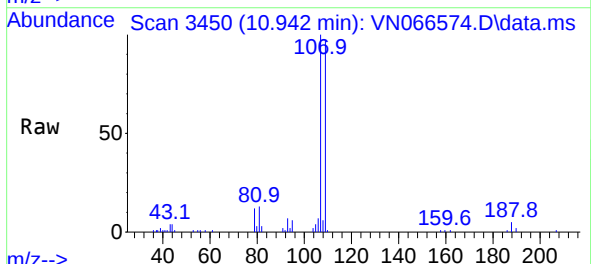
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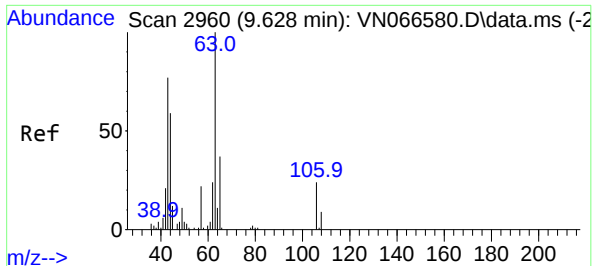
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#54
1,2-Dibromoethane
Concen: 19.56 ug/l
RT: 10.942 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:107 Resp: 55724
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6





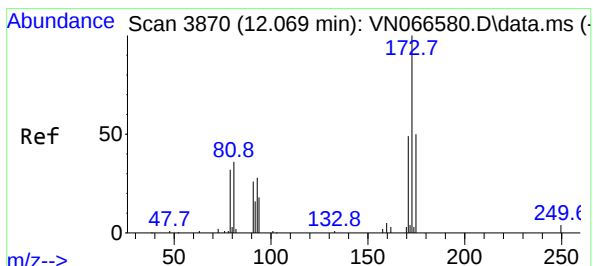
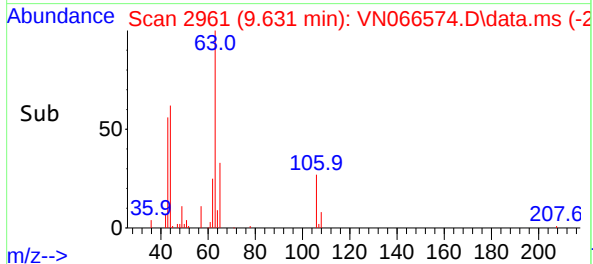
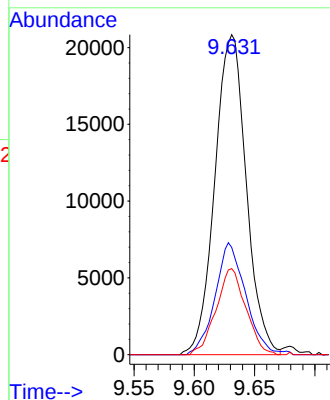
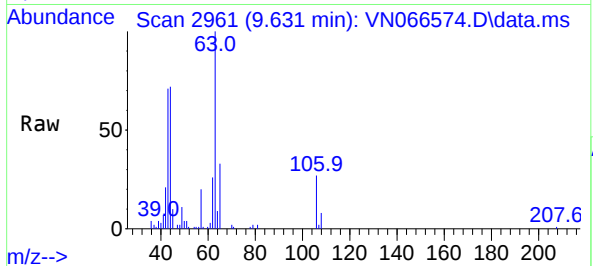
#55
2-Chloroethyl vinyl ether
Concen: 64.25 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:	63	Resp:	37771
Ion	Ratio	Lower	Upper
63	100		
65	34.0	26.0	39.0
106	25.4	20.6	31.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

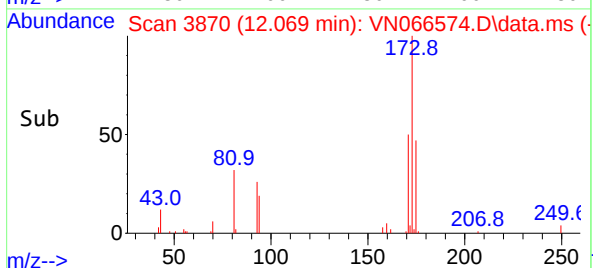
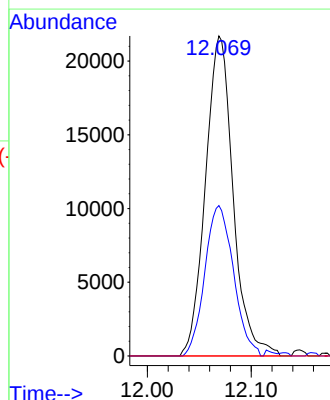
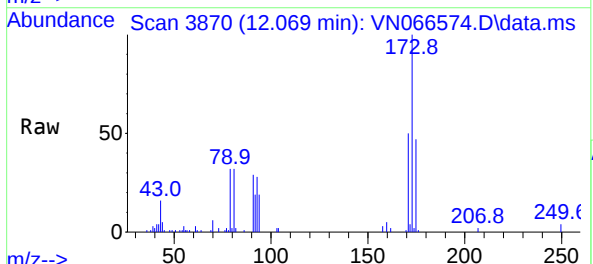
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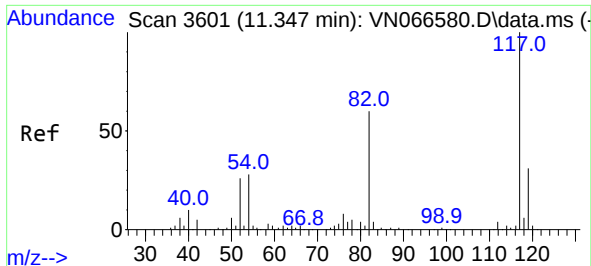
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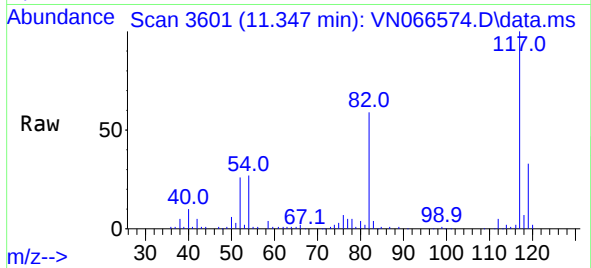
#56
Bromoform
Concen: 17.94 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:	173	Resp:	40192
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.3	57.5
254	0.0	0.0	0.0

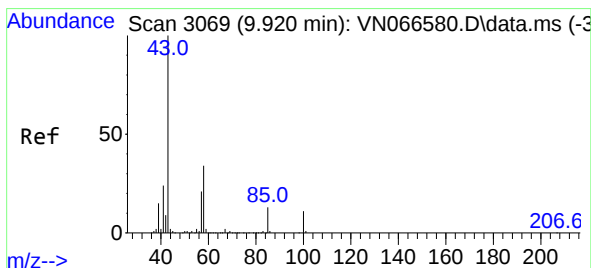
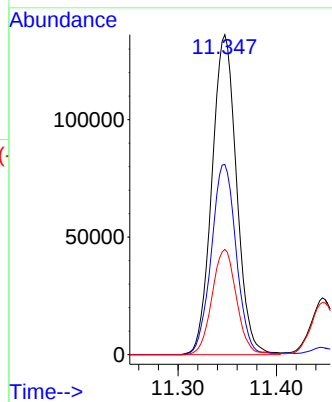
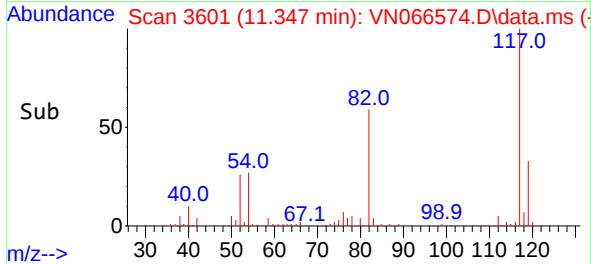




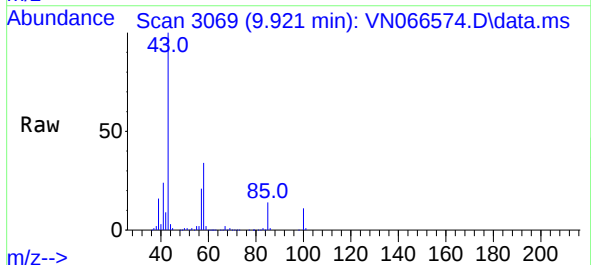
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



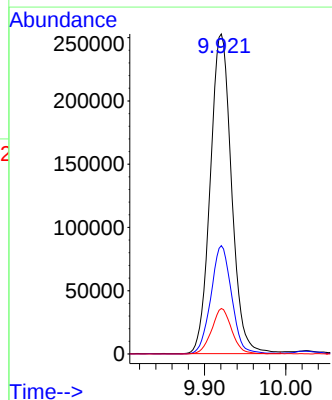
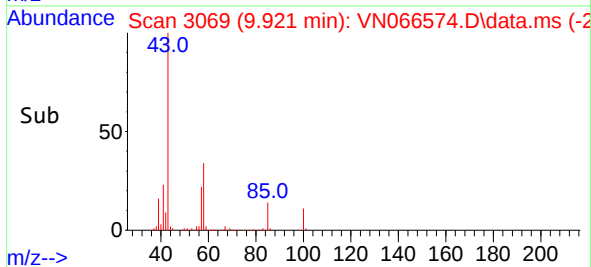
Tgt Ion: 117 Resp: 236765
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.6
119 32.7 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 97.03 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



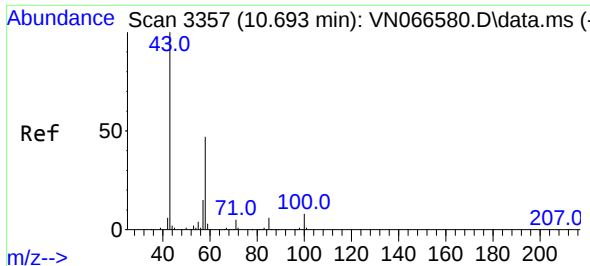
Tgt Ion: 43 Resp: 458572
Ion Ratio Lower Upper
43 100
58 33.2 30.4 45.6
85 13.5 13.8 20.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

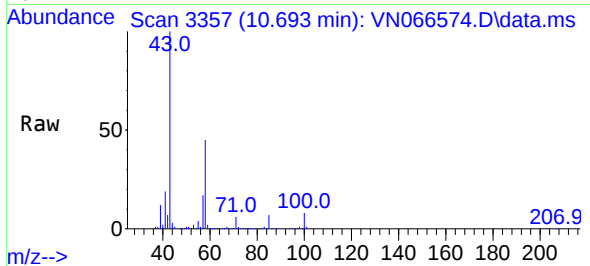
Manual Integrations
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#59
2-Hexanone
Concen: 90.79 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

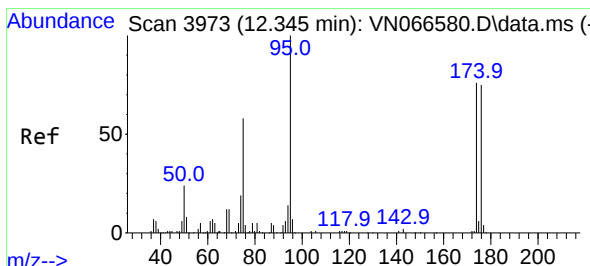
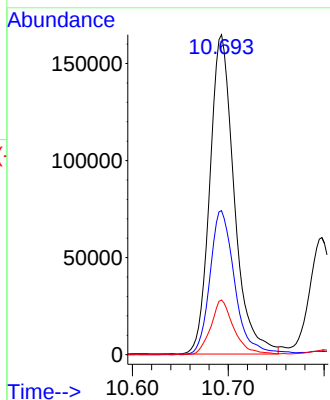
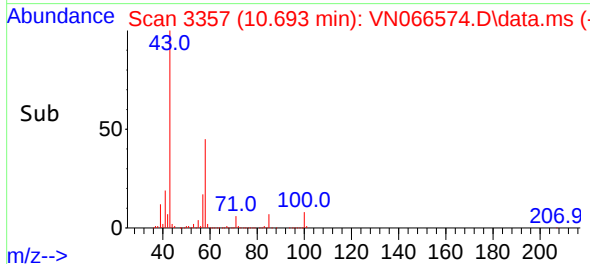
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



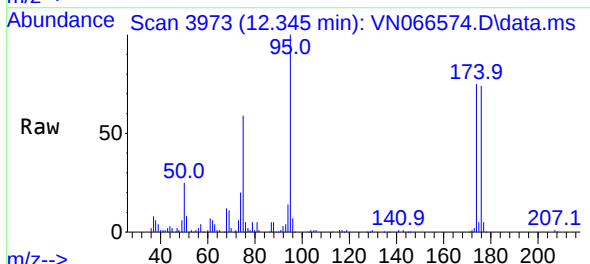
Tgt Ion: 43 Resp: 290756
Ion Ratio Lower Upper
43 100
58 46.2 41.8 62.6
57 16.1 14.9 22.3

Manual Integrations
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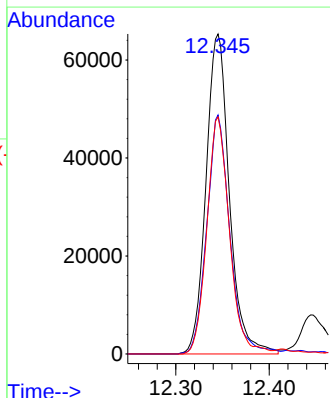
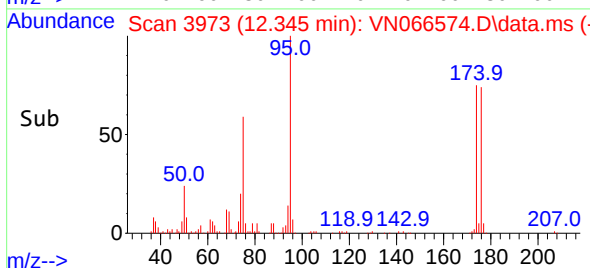
MMDadoda
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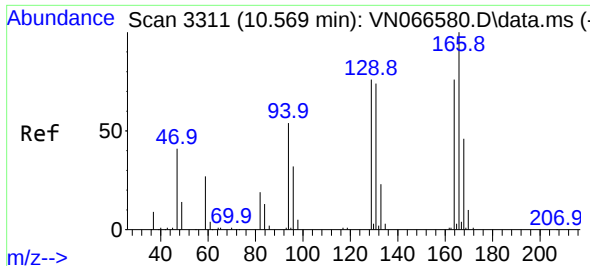


#60
4-Bromofluorobenzene
Concen: 30.63 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

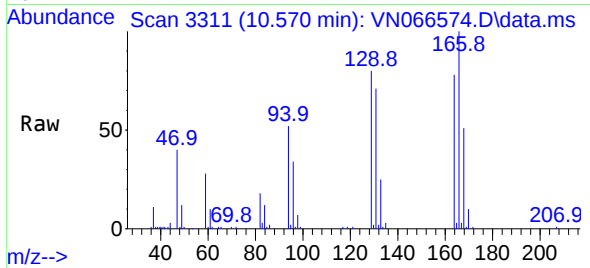


Tgt Ion: 95 Resp: 113788
Ion Ratio Lower Upper
95 100
174 73.7 68.1 102.1
176 70.3 65.4 98.0

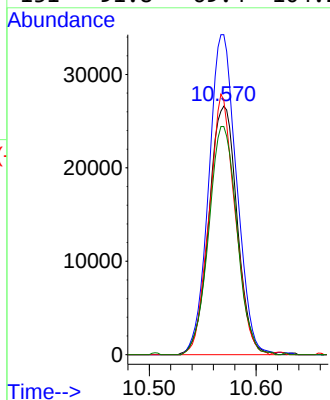




#61
Tetrachloroethene
Concen: 15.69 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



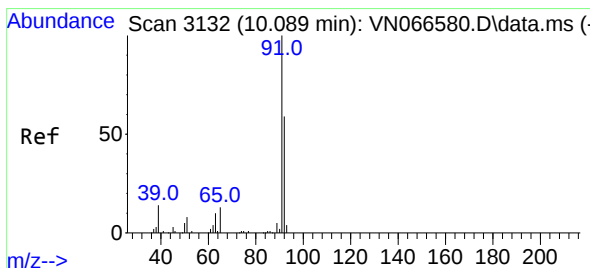
Tgt Ion:164 Resp: 48776
Ion Ratio Lower Upper
164 100
166 128.8 100.5 150.7
129 102.5 74.7 112.1
131 91.8 69.4 104.2



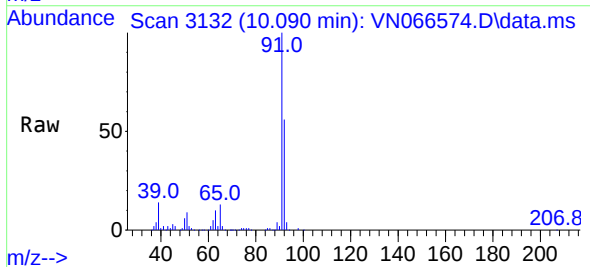
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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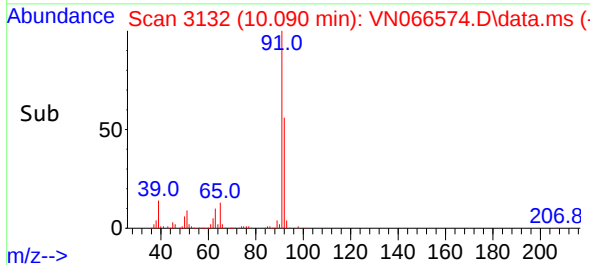
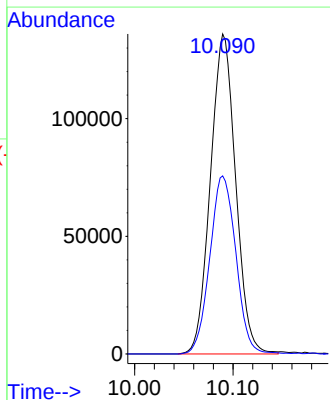
MMDadoda
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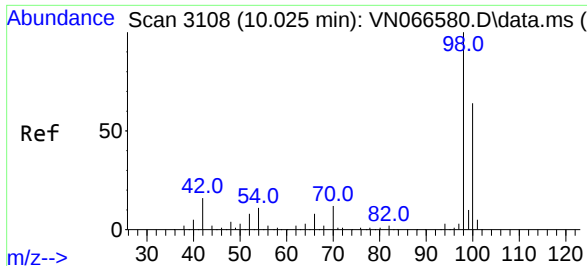


#62
Toluene
Concen: 18.67 ug/l
RT: 10.090 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion: 91 Resp: 242688
Ion Ratio Lower Upper
91 100
92 57.5 46.2 69.2





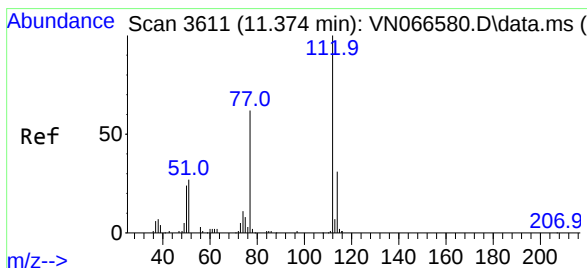
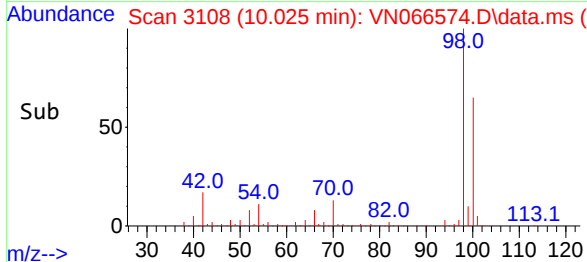
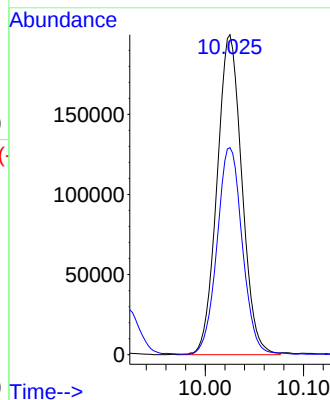
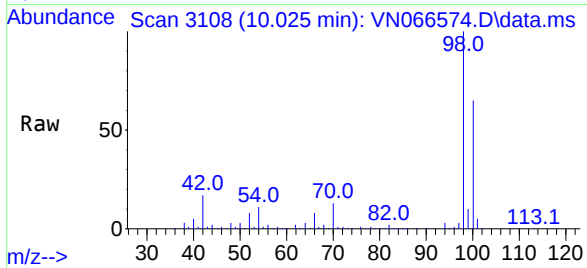
#63
Toluene-d8
Concen: 31.23 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion: 98 Resp: 351666
Ion Ratio Lower Upper
98 100
100 65.2 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

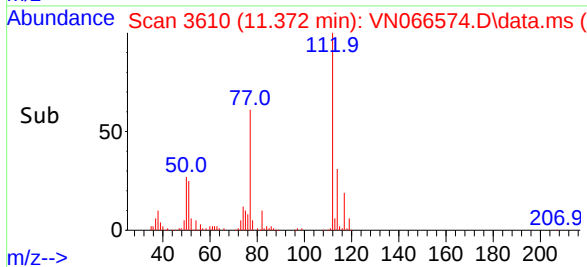
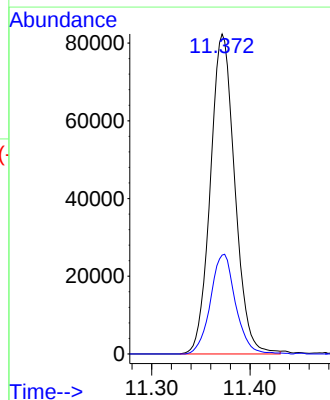
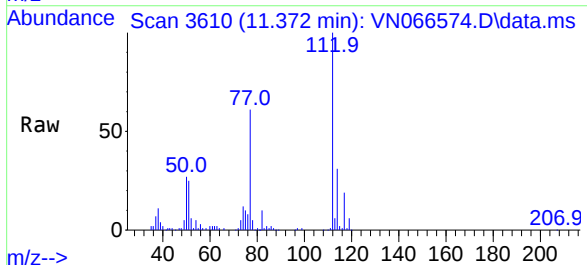
Manual Integrations
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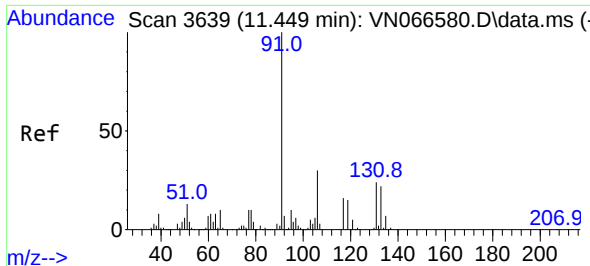
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#64
Chlorobenzene
Concen: 18.69 ug/l
RT: 11.372 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

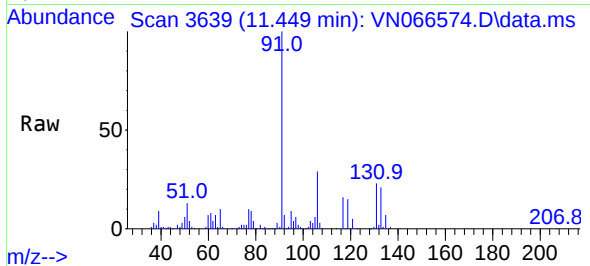
Tgt Ion: 112 Resp: 142330
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.55 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

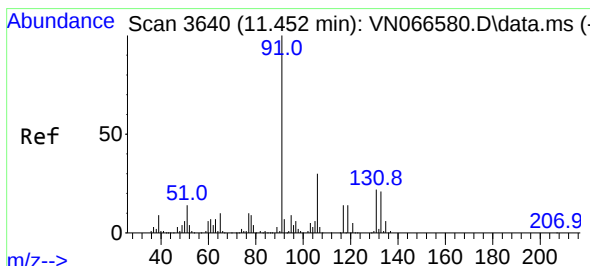
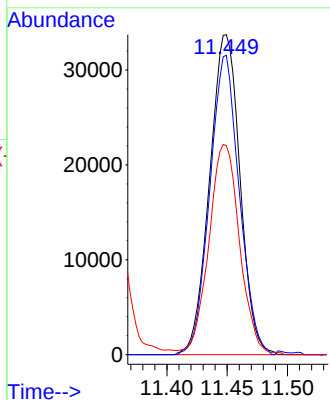
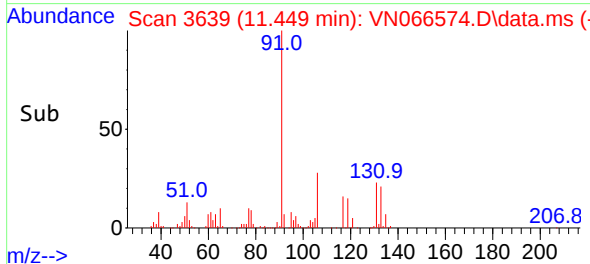
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



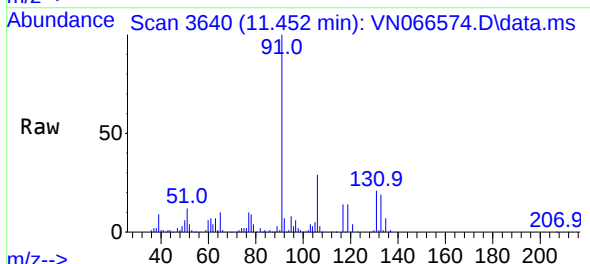
Tgt Ion:131 Resp: 59104
Ion Ratio Lower Upper
131 100
133 91.2 0.0 188.4
119 64.8 0.0 134.4

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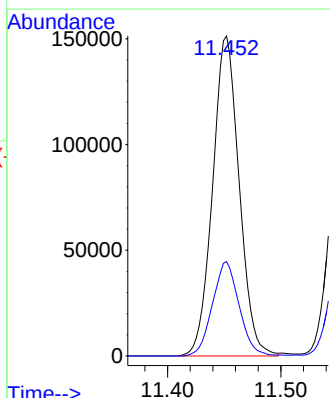
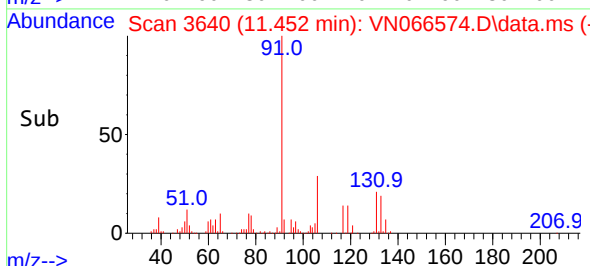
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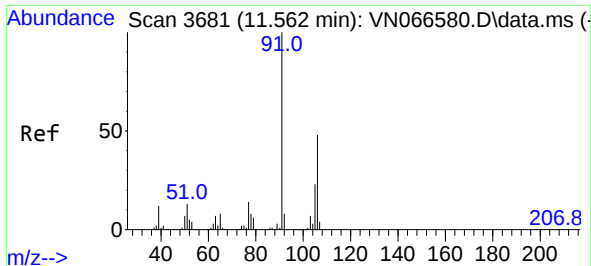


#66
Ethyl Benzene
Concen: 17.81 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



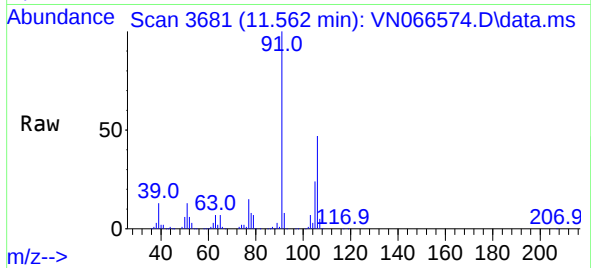
Tgt Ion: 91 Resp: 246319
Ion Ratio Lower Upper
91 100
106 29.5 25.5 38.3





#67
m/p-Xylenes
Concen: 36.21 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

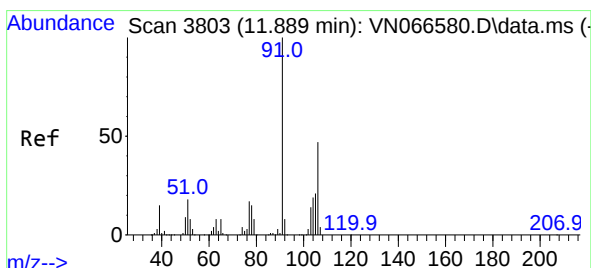
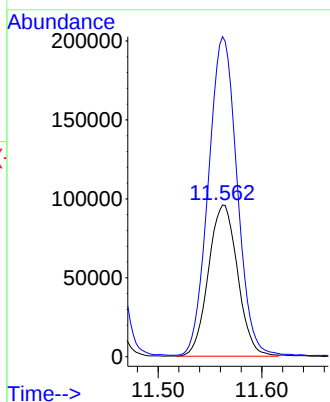
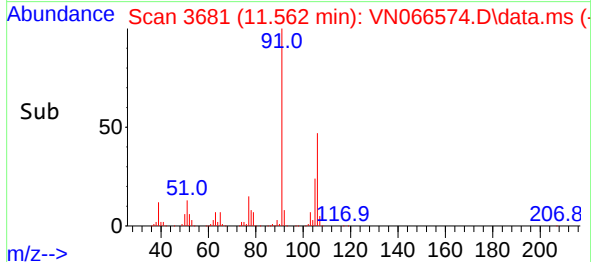
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



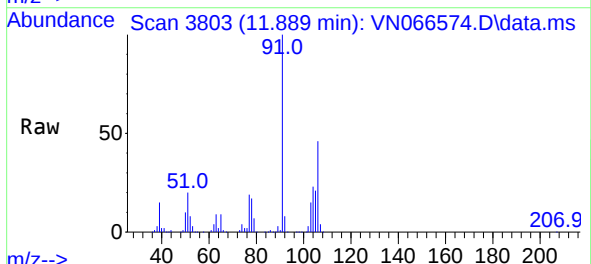
Tgt Ion:106 Resp: 186901
Ion Ratio Lower Upper
106 100
91 206.7 164.8 247.2

Manual Integrations
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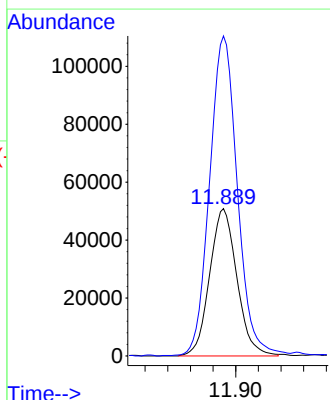
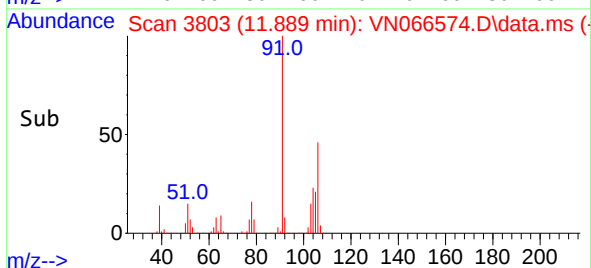
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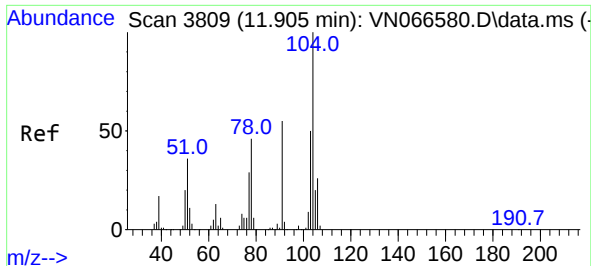


#68
o-Xylene
Concen: 16.94 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



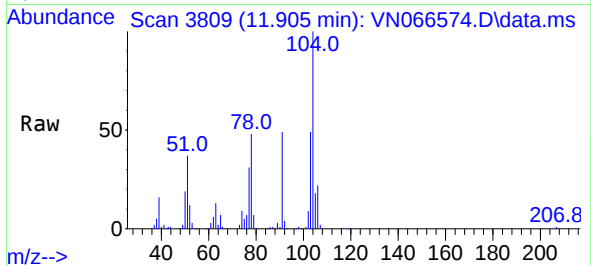
Tgt Ion:106 Resp: 85007
Ion Ratio Lower Upper
106 100
91 220.1 107.1 321.4





#69
Styrene
Concen: 17.53 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

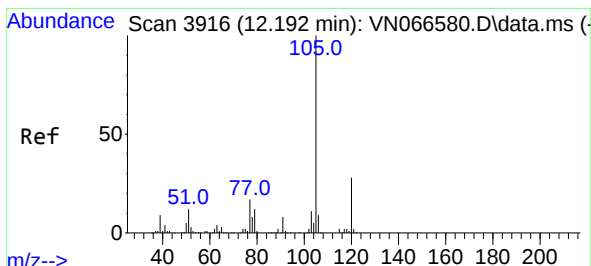
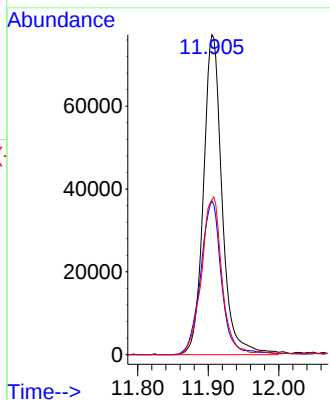
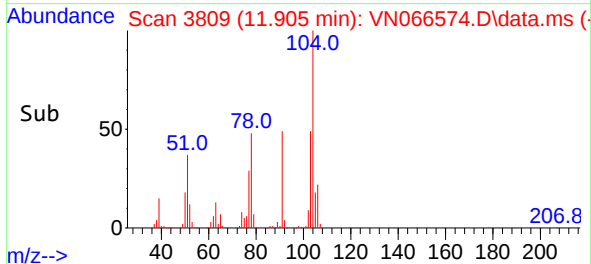
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



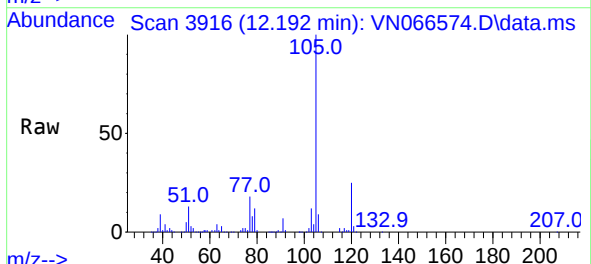
Tgt Ion:104 Resp: 141824
Ion Ratio Lower Upper
104 100
78 52.7 41.0 61.6
103 53.3 43.7 65.5

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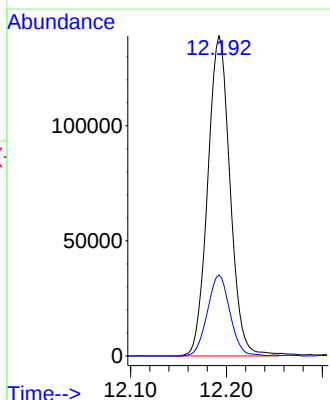
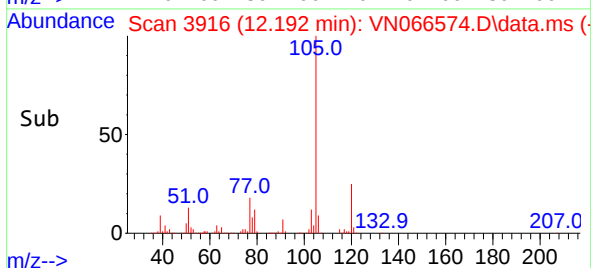
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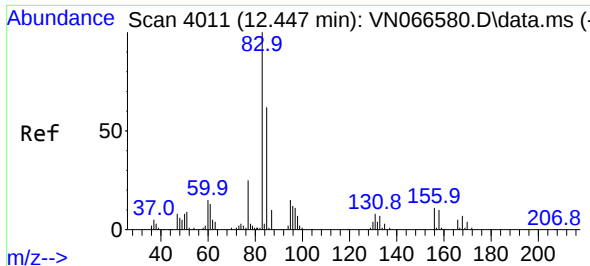


#70
Isopropylbenzene
Concen: 17.04 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



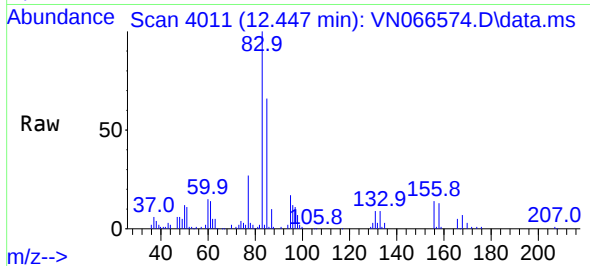
Tgt Ion:105 Resp: 224989
Ion Ratio Lower Upper
105 100
120 25.6 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 19.50 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

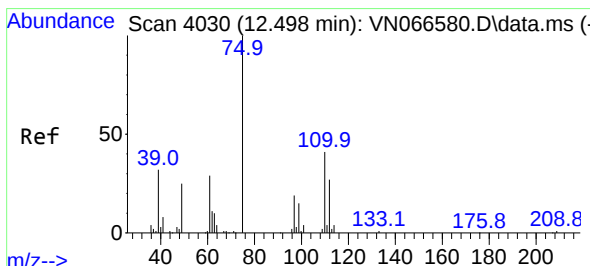
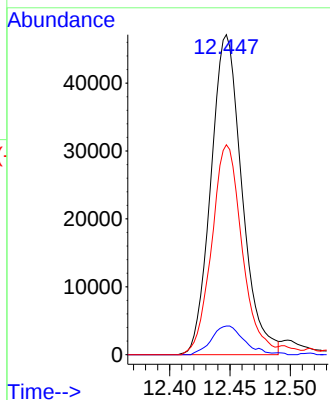
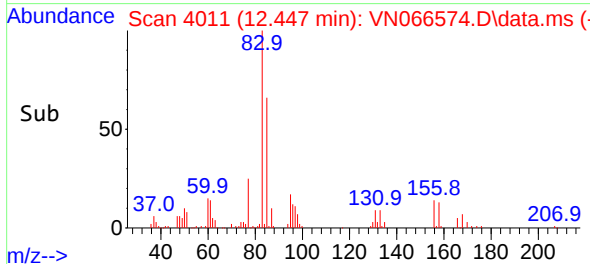
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MSVOA_N
ClientSampleId :
VSTDICCC020



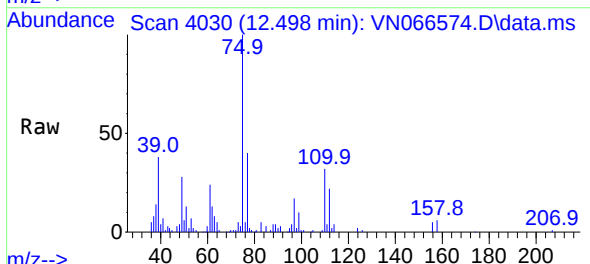
Tgt Ion: 83 Resp: 84429
Ion Ratio Lower Upper
83 100
131 8.8 4.9 14.6
85 64.1 31.4 94.2

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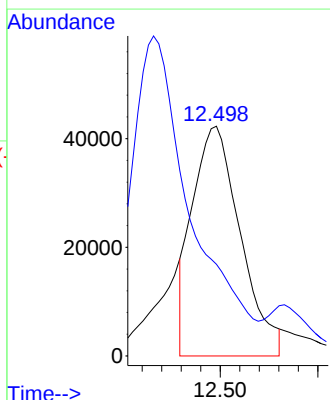
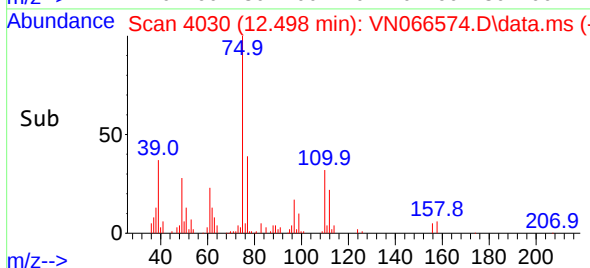
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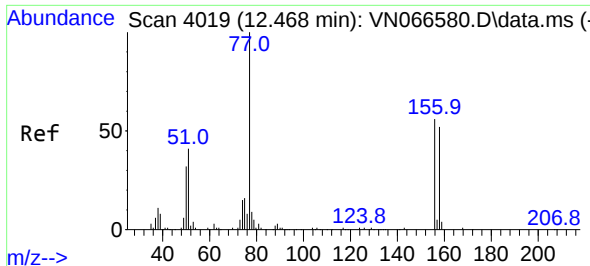


#72
1,2,3-Trichloropropane
Concen: 17.82 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

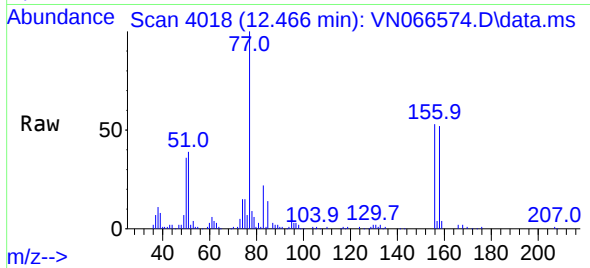


Tgt Ion: 75 Resp: 72070
Ion Ratio Lower Upper
75 100
77 175.6 0.0 310.8

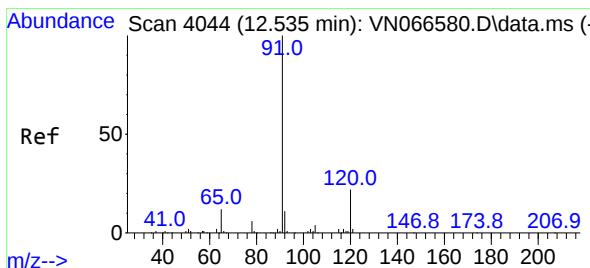
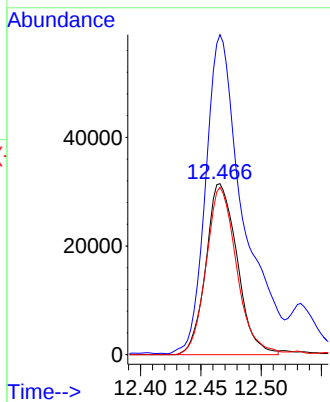
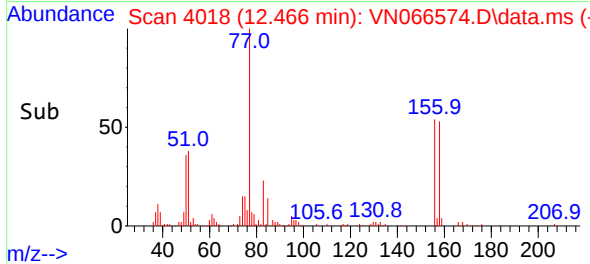




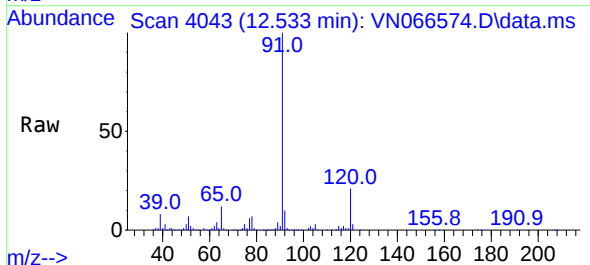
#73
Bromobenzene
Concen: 17.42 ug/l
RT: 12.466 min Scan# 4018
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



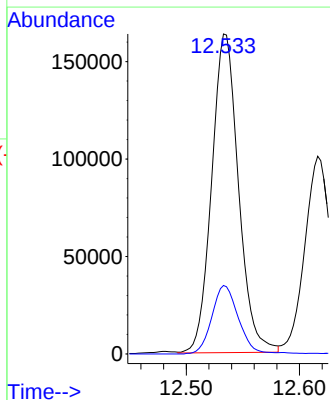
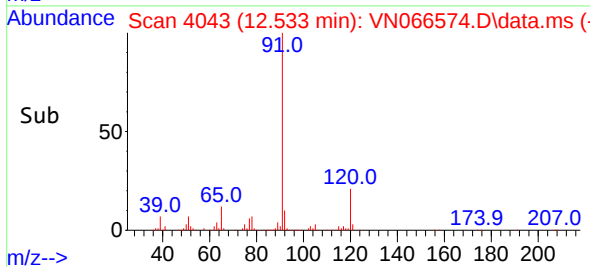
Tgt Ion: 156 Resp: 56837
Ion Ratio Lower Upper
156 100
77 222.7 0.0 399.6
158 95.6 0.0 192.8



#74
n-propylbenzene
Concen: 18.17 ug/l
RT: 12.533 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



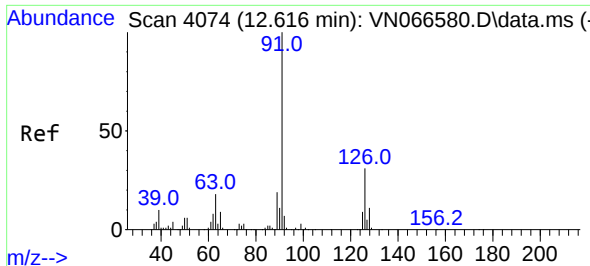
Tgt Ion: 91 Resp: 269233
Ion Ratio Lower Upper
91 100
120 21.1 0.0 45.2



Instrument :
MSVOA_N
ClientSampleId :
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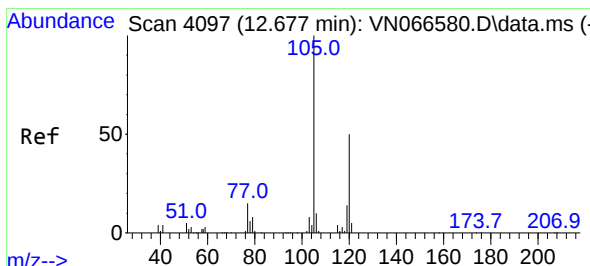
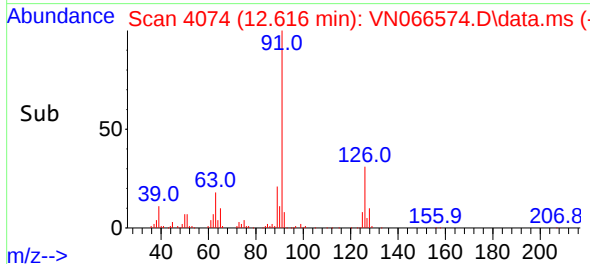
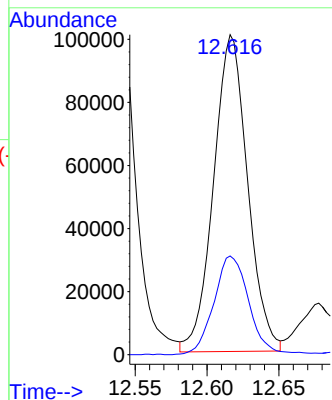
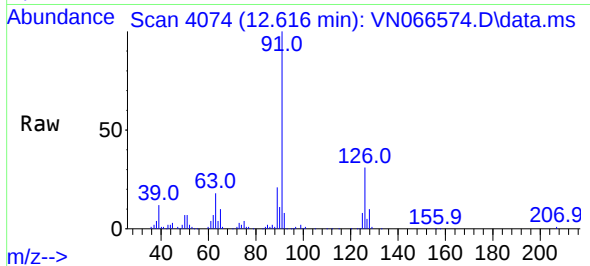
#75
2-Chlorotoluene
Concen: 18.37 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 165175
Ion Ratio Lower Upper
91 100
126 31.8 0.0 68.6

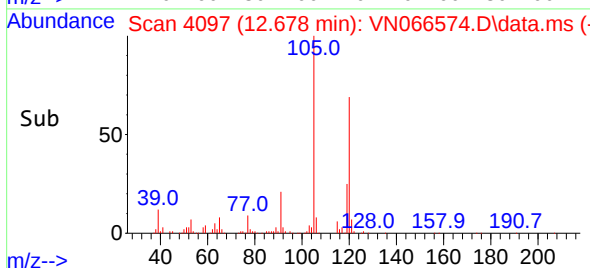
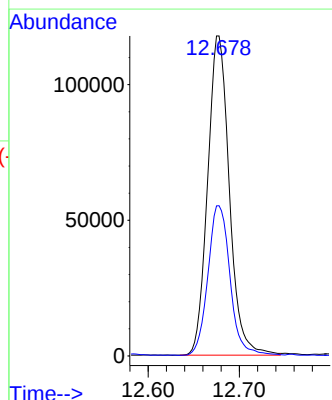
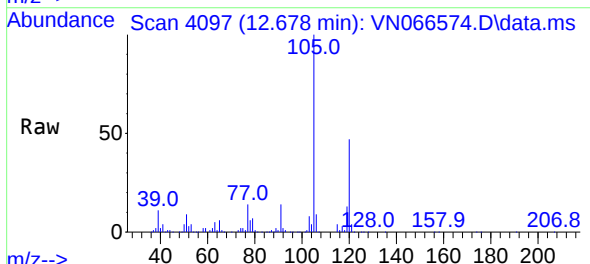
Manual Integrations
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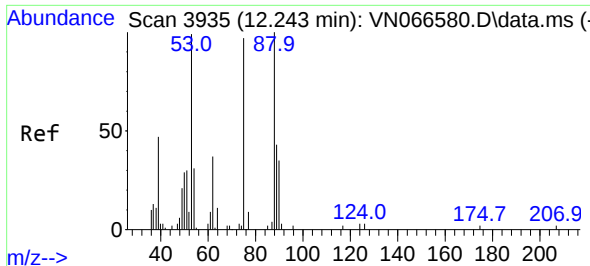
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 17.75 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

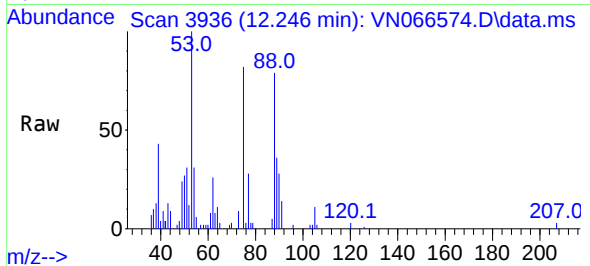
Tgt Ion: 105 Resp: 194914
Ion Ratio Lower Upper
105 100
120 47.8 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 14.37 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

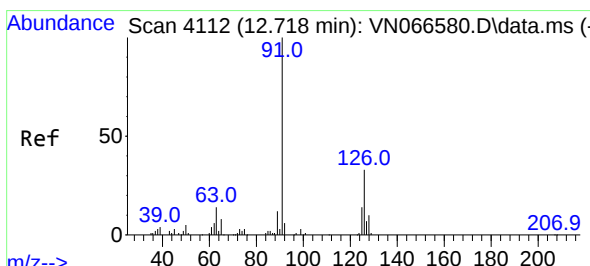
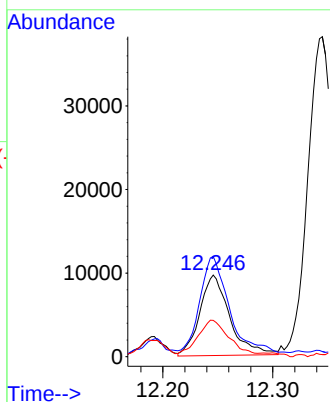
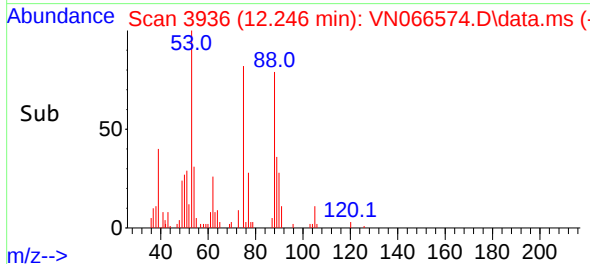
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



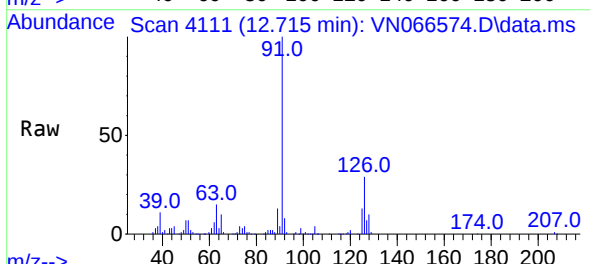
Tgt Ion: 75 Resp: 18284
Ion Ratio Lower Upper
75 100
53 121.8 49.6 149.0
89 42.8 22.9 68.7

Manual Integrations
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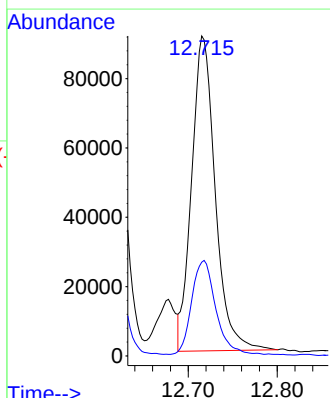
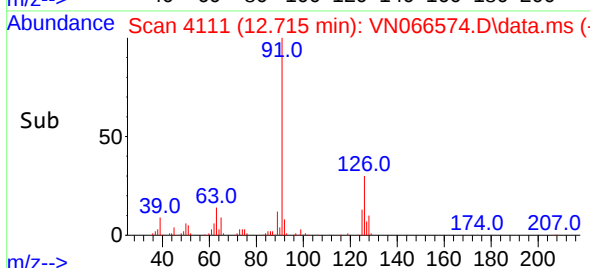
MMDadoda
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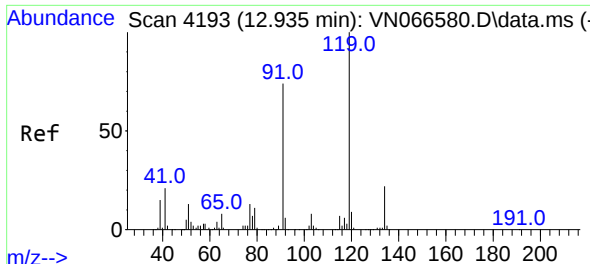


#78
4-Chlorotoluene
Concen: 18.90 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion: 91 Resp: 167304
Ion Ratio Lower Upper
91 100
126 30.2 0.0 65.4





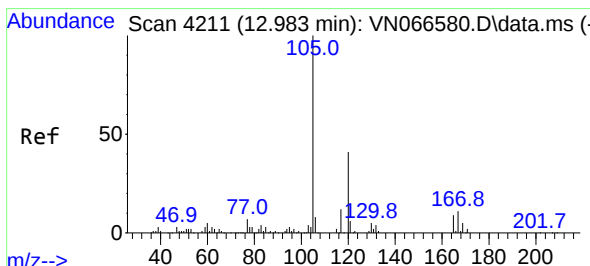
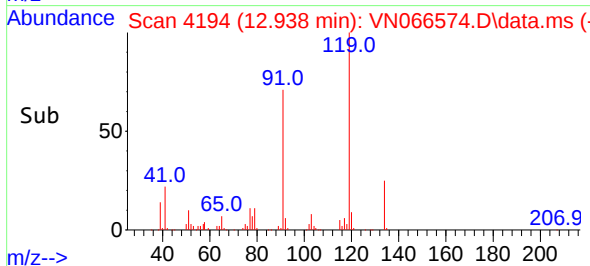
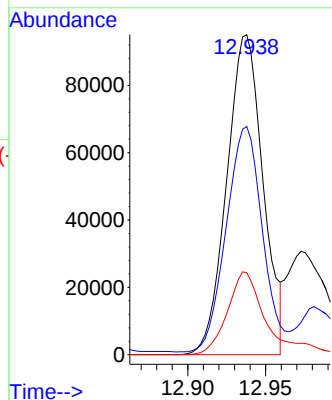
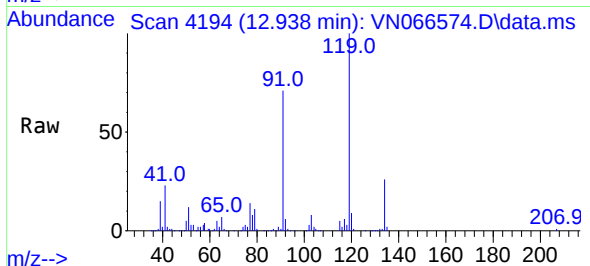
#79
tert-butylbenzene
Concen: 16.36 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

Tgt Ion:119 Resp: 154119
Ion Ratio Lower Upper
119 100
91 70.3 0.0 133.4
134 27.9 0.0 51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

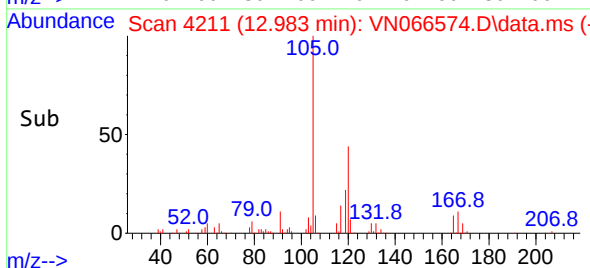
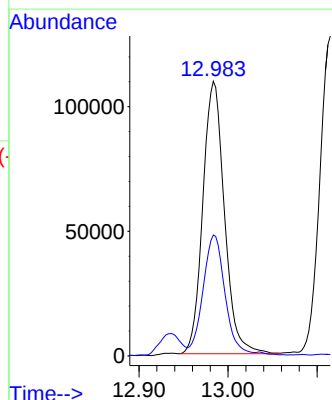
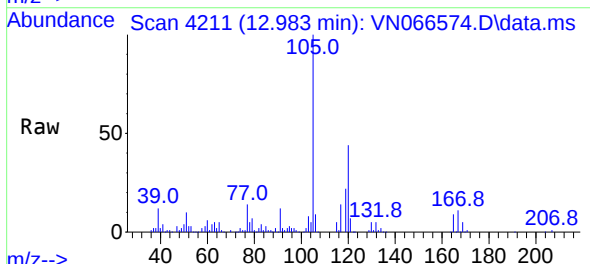
Manual Integrations
APPROVED

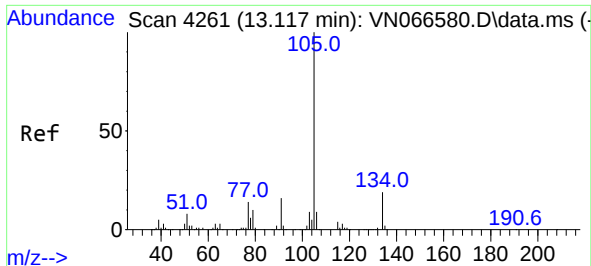
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#80
1,2,4-Trimethylbenzene
Concen: 17.37 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

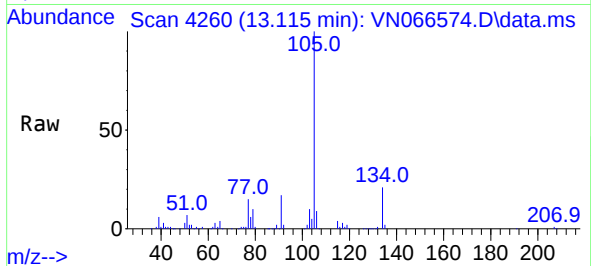
Tgt Ion:105 Resp: 184722
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.6





#81
 sec-Butylbenzene
 Concen: 17.29 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066574.D
 Acq: 13 Apr 2021 12:56

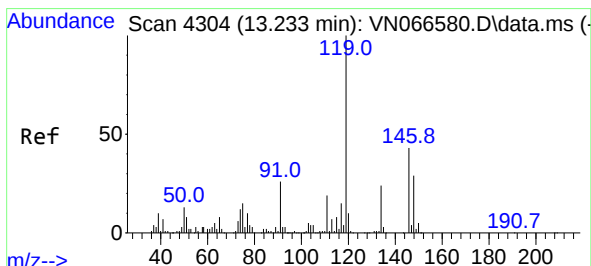
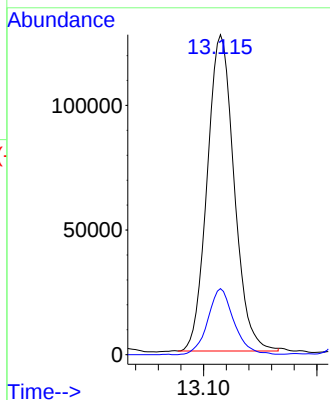
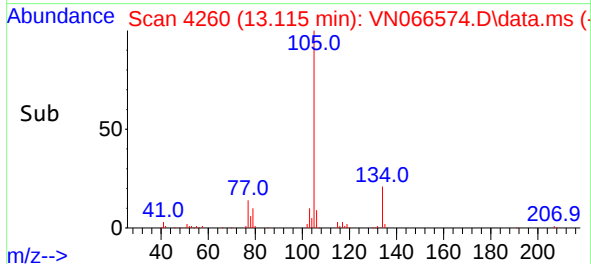
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



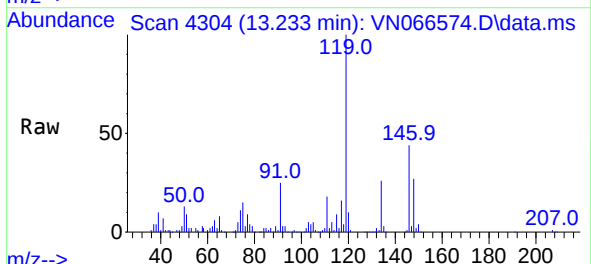
Tgt Ion:105 Resp: 209602
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0

Manual Integrations
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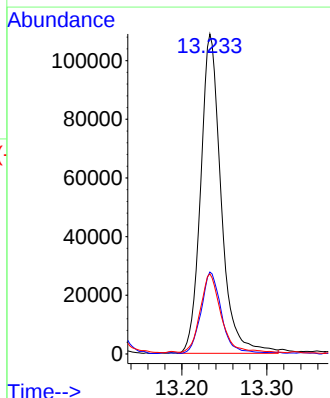
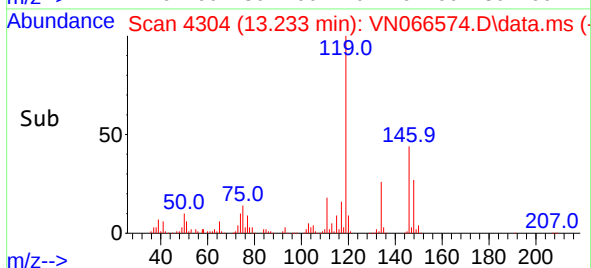
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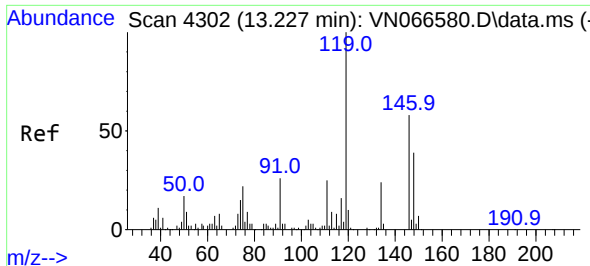


#82
 p-Isopropyltoluene
 Concen: 17.04 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066574.D
 Acq: 13 Apr 2021 12:56

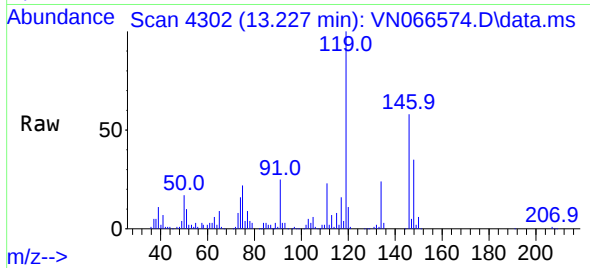


Tgt Ion:119 Resp: 181749
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 53.4
 91 24.2 0.0 47.6

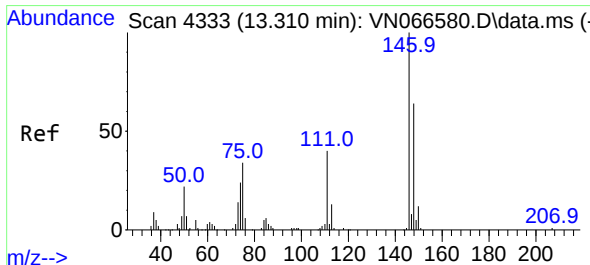
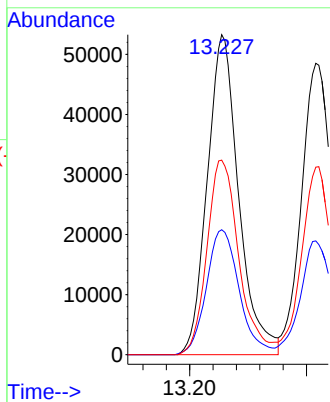
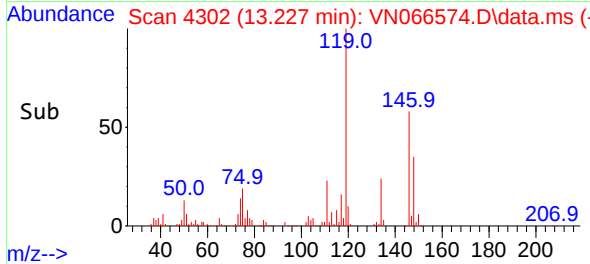




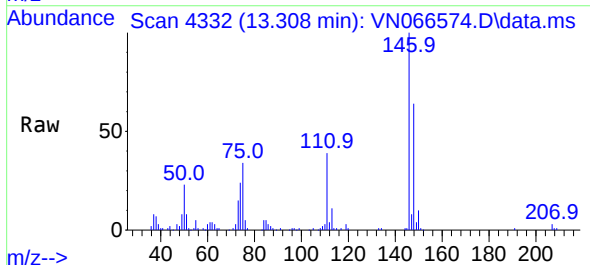
#83
1,3-Dichlorobenzene
Concen: 18.32 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



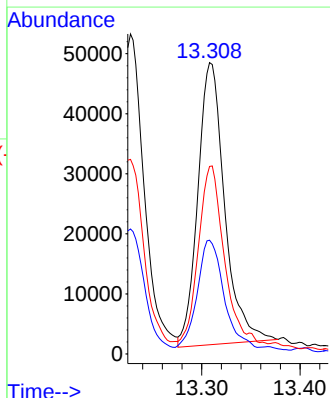
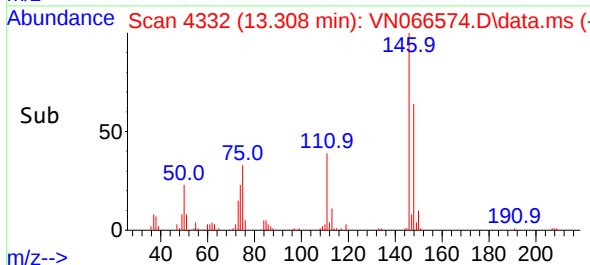
Tgt Ion:146 Resp: 99527
Ion Ratio Lower Upper
146 100
111 40.9 19.3 57.9
148 61.2 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 17.14 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



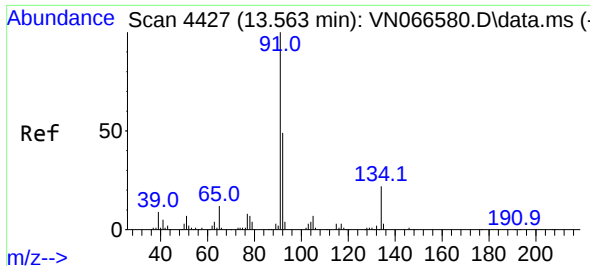
Tgt Ion:146 Resp: 89040
Ion Ratio Lower Upper
146 100
111 38.4 18.4 55.0
148 57.6 31.9 95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

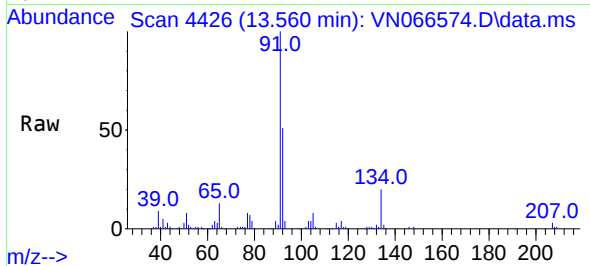
Manual Integrations
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#85
n-Butylbenzene
Concen: 16.11 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

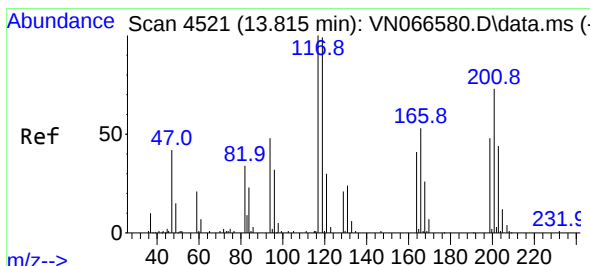
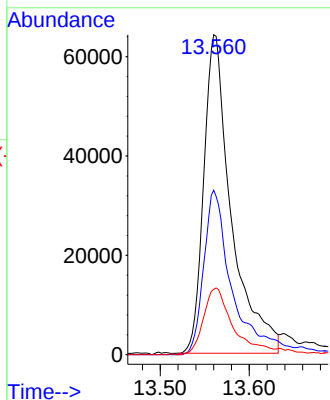
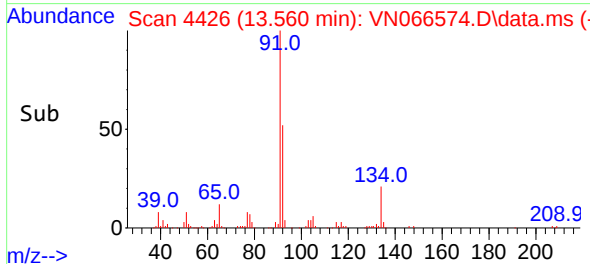
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ClientSampleId :
VSTDICCC020



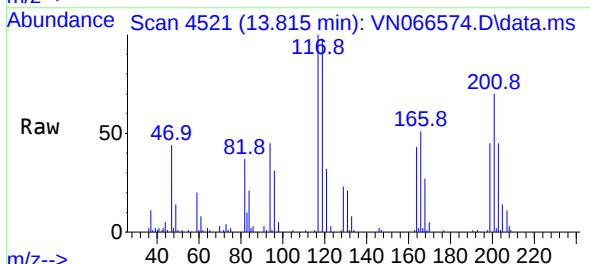
Tgt Ion: 91 Resp: 138472
Ion Ratio Lower Upper
91 100
92 49.1 0.0 102.6
134 22.5 0.0 49.0

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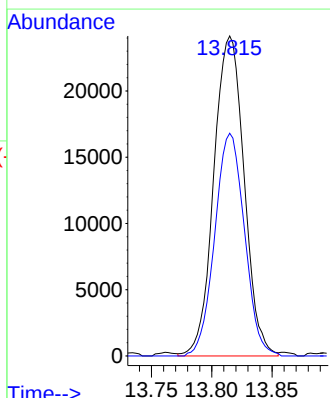
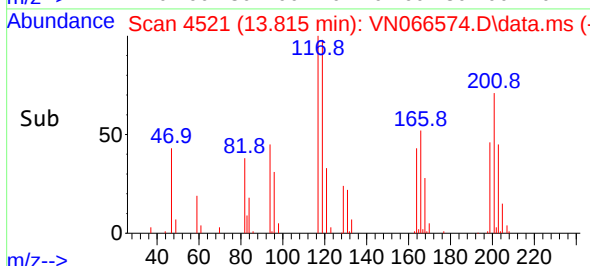
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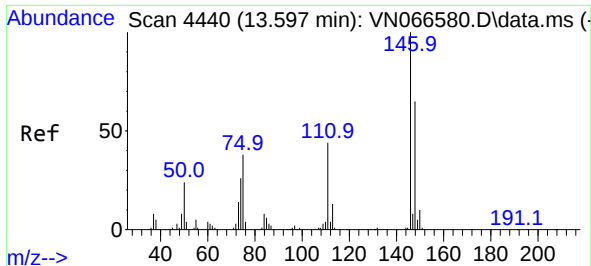


#86
Hexachloroethane
Concen: 20.58 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



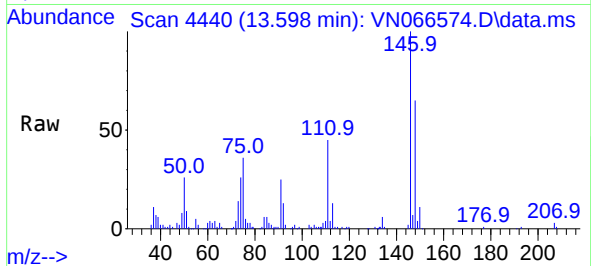
Tgt Ion: 117 Resp: 42218
Ion Ratio Lower Upper
117 100
201 68.3 43.3 129.8





#87
1,2-Dichlorobenzene
Concen: 17.88 ug/l
RT: 13.598 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

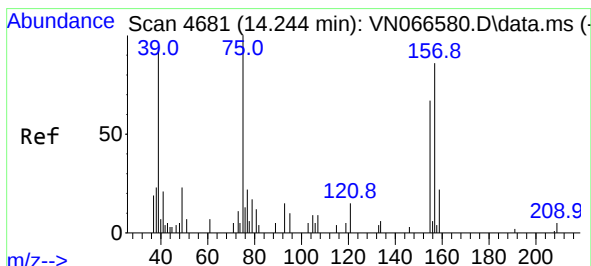
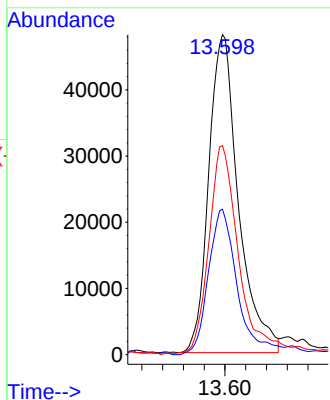
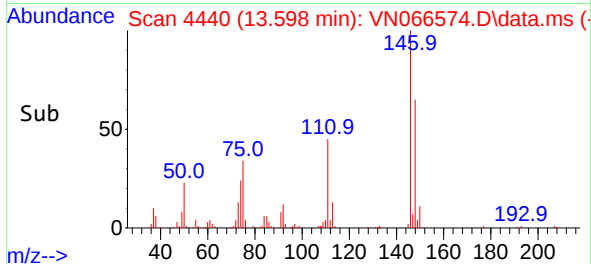
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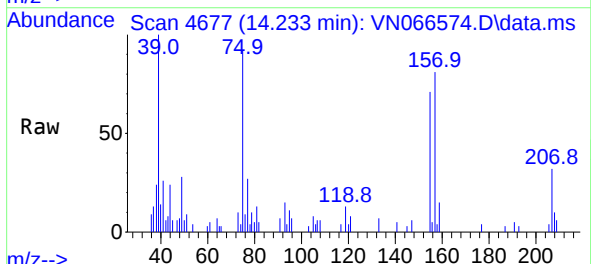
Tgt Ion:146 Resp: 95479
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 65.0 32.0 96.0

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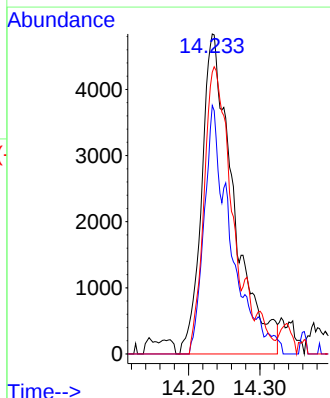
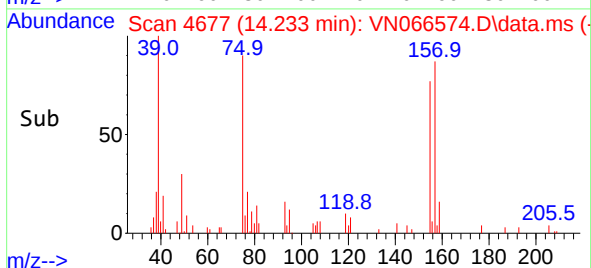
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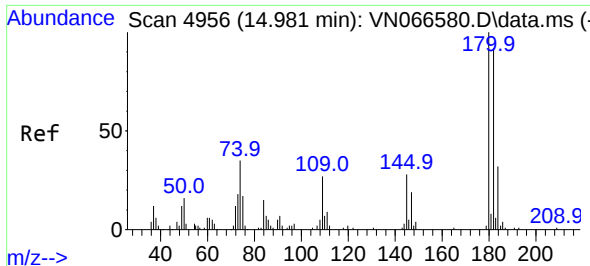


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.33 ug/l m
RT: 14.233 min Scan# 4677
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



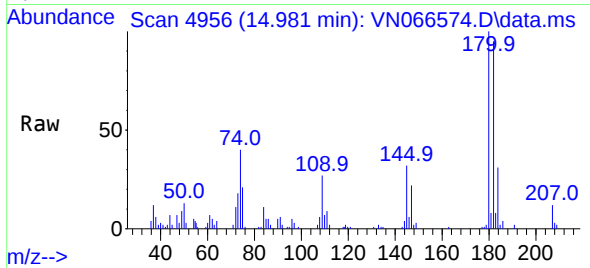
Tgt Ion: 75 Resp: 14948
Ion Ratio Lower Upper
75 100
155 37.5 68.3 102.5#
157 71.7 87.8 131.6#





#89
1,2,4-Trichlorobenzene
Concen: 14.09 ug/l
RT: 14.981 min Scan# 4956
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

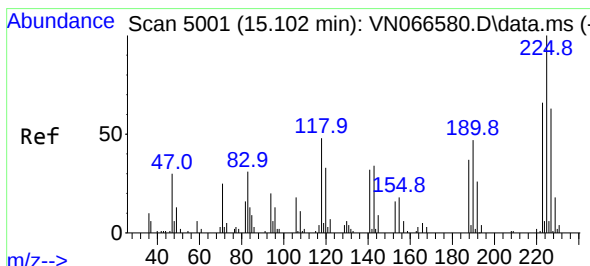
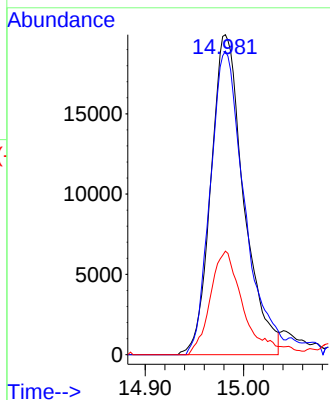
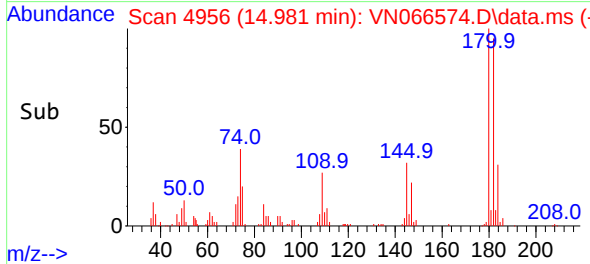
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



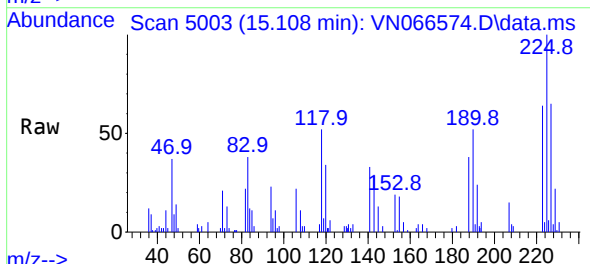
Tgt Ion:180 Resp: 46216
Ion Ratio Lower Upper
180 100
182 99.2 74.3 111.5
145 30.2 23.4 35.0

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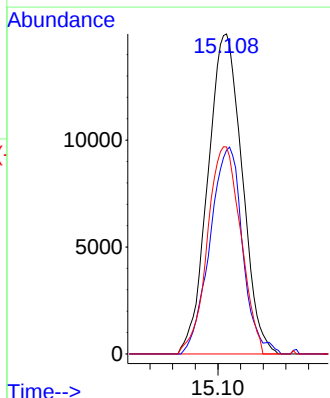
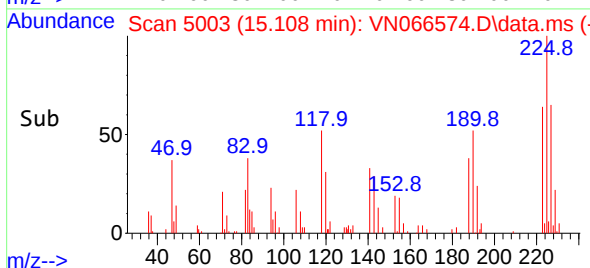
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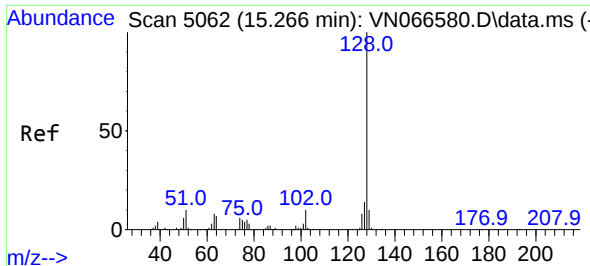


#90
Hexachlorobutadiene
Concen: 17.02 ug/l
RT: 15.108 min Scan# 5003
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



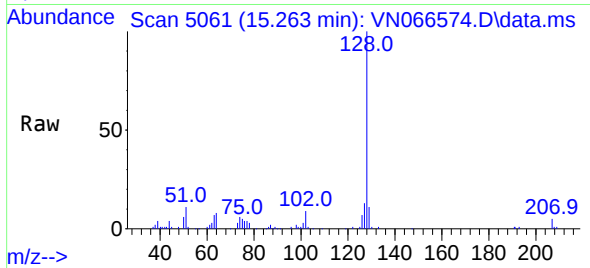
Tgt Ion:225 Resp: 31385
Ion Ratio Lower Upper
225 100
223 60.7 0.0 124.6
227 63.1 0.0 126.6





#91
Naphthalene
Concen: 11.61 ug/l
RT: 15.263 min Scan# 5061
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56

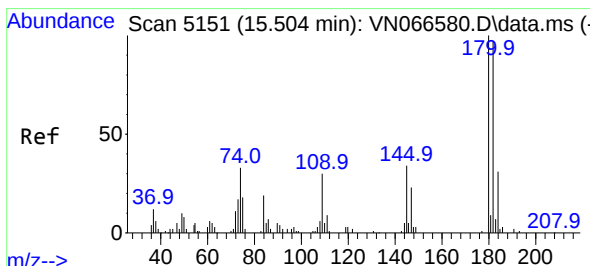
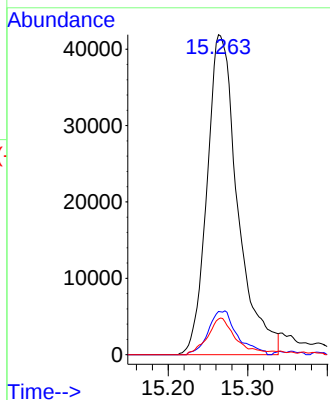
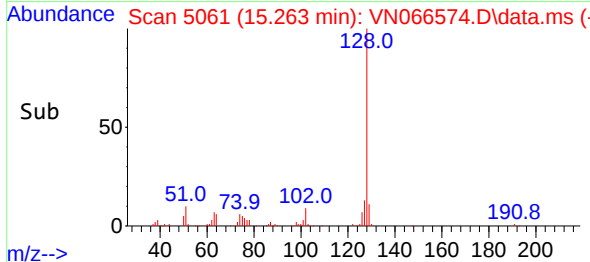
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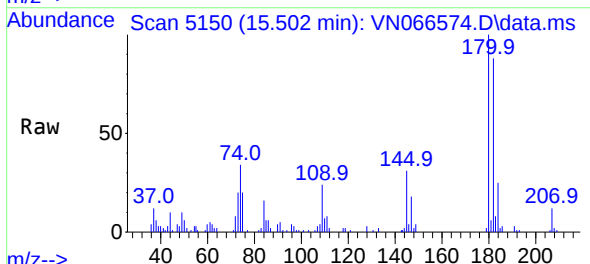
Tgt Ion:128 Resp: 112163
Ion Ratio Lower Upper
128 100
127 6.7 10.2 15.2#
129 9.7 8.6 13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 14.74 ug/l
RT: 15.502 min Scan# 5150
Delta R.T. 0.000 min
Lab File: VN066574.D
Acq: 13 Apr 2021 12:56



Tgt Ion:180 Resp: 47568
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.0
145 31.7 0.0 60.8

