

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066580.D
 Acq On : 13 Apr 2021 15:18
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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 4/14/2021 1:47:01 PM

Quant Time: Apr 13 15:38:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 14:24:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.096	128	46360	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.510	114	222588	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	223715	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	128209	35.98	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	119.93%#	
60) 4-Bromofluorobenzene	12.345	95	102218	29.28	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.60%	
63) Toluene-d8	10.025	98	321559	30.63	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.10%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	62791	24.22	ug/l	98
3) Chloromethane	2.017	50	84740	26.00	ug/l	98
4) Vinyl Chloride	2.143	62	79802	23.29	ug/l	100
5) Bromomethane	2.507	94	52643	21.71	ug/l	92
6) Chloroethane	2.647	64	51496	23.47	ug/l	97
7) Trichlorofluoromethane	2.955	101	114053	23.08	ug/l	96
8) Diethyl Ether	3.339	74	41253	24.72	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.669	101	59115	24.44	ug/l	90
10) 1,1-Dichloroethene	3.650	96	58168	24.29	ug/l	82
11) Methyl Iodide	3.856	142	75013	21.78	ug/l	94
12) Methyl Acetate	4.229	43	116354m	31.31	ug/l	
13) Acrolein	3.527	56	57647	223.85	ug/l	93
14) Acrylonitrile	4.876	53	154965	101.10	ug/l	98
15) Acetone	3.736	58	53187	119.16	ug/l	72
16) Carbon Disulfide	3.956	76	191283	28.85	ug/l	100
17) Allyl chloride	4.219	41	160753m	37.16	ug/l	
18) Methylene Chloride	4.441	84	60938	21.30	ug/l #	80
19) trans-1,2-Dichloroethene	4.927	96	53371	20.27	ug/l	88
20) Diisopropyl ether	5.855	45	221467	23.33	ug/l #	95
21) 1,1-Dichloroethane	5.739	63	114629	22.31	ug/l	98
22) cis-1,2-Dichloroethene	6.726	96	57608	18.28	ug/l	88
23) tert-Butyl Alcohol	4.701	59	49159m	78.12	ug/l	
24) Methyl tert-Butyl Ether	4.935	73	168549	18.46	ug/l #	82
25) Chloroform	7.279	83	112983	21.77	ug/l	96
26) Cyclohexane	7.566	56	83328	18.28	ug/l #	100
29) 1,1-Dichloropropene	7.705	75	78963	23.72	ug/l	94
30) 2-Butanone	6.745	43	216826	111.14	ug/l #	89
31) 2,2-Dichloropropane	6.721	77	93653	22.71	ug/l #	56
32) 1,1,1-Trichloroethane	7.480	97	97121	24.07	ug/l	98
33) Carbon Tetrachloride	7.684	117	82446	24.20	ug/l	96
34) Benzene	7.957	78	237266	23.39	ug/l #	91
35) Methacrylonitrile	7.078	41	37316	22.61	ug/l	96
36) 1,2-Dichloroethane	8.043	62	95958m	25.82	ug/l	
37) Trichloroethene	8.762	130	52859	19.98	ug/l	93
38) Methylcyclohexane	9.009	83	75022	18.22	ug/l	86
39) 1,2-Dichloropropane	9.043	63	65515	23.86	ug/l	97
40) Dibromomethane	9.137	93	42044	23.81	ug/l	91
41) Bromodichloromethane	9.333	83	92595	24.78	ug/l	97
42) Vinyl Acetate	5.793	43	940162	127.86	ug/l	96

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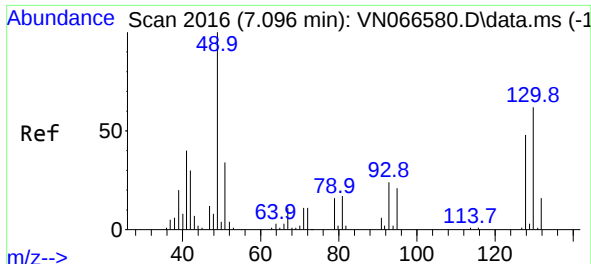
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 14:24:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.839	43	90290	24.03	ug/l #	94
44) Isopropyl Acetate	8.089	43	154673	23.05	ug/l #	82
45) 1,4-Dioxane	9.135	88	16675	389.58	ug/l #	88
46) Methyl methacrylate	9.135	41	69679	22.24	ug/l	89
47) n-amyl Acetate	12.023	43	39066	14.40	ug/l	91
48) t-1,3-Dichloropropene	10.320	75	89808	22.12	ug/l	98
49) cis-1,3-Dichloropropene	9.776	75	95842	21.97	ug/l	94
50) 1,1,2-Trichloroethane	10.500	97	56724	22.45	ug/l	97
51) Ethyl methacrylate	10.371	69	71354	18.04	ug/l	91
52) 1,3-Dichloropropane	10.645	76	97056	23.04	ug/l	100
53) Dibromochloromethane	10.840	129	61420	21.63	ug/l	100
54) 1,2-Dibromoethane	10.945	107	56371	21.68	ug/l	98
55) 2-Chloroethyl vinyl ether	9.628	63	34086	57.97	ug/l	97
56) Bromoform	12.069	173	39924	19.17	ug/l #	97
58) 4-Methyl-2-Pentanone	9.920	43	464801	103.70	ug/l #	92
59) 2-Hexanone	10.693	43	301655	97.80	ug/l	91
61) Tetrachloroethene	10.569	164	47655	15.47	ug/l	93
62) Toluene	10.089	91	243507	19.66	ug/l	99
64) Chlorobenzene	11.374	112	140299	19.28	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.449	131	57373	20.10	ug/l	98
66) Ethyl Benzene	11.452	91	244446	18.32	ug/l	96
67) m/p-Xylenes	11.562	106	186127	37.54	ug/l	96
68) o-Xylene	11.889	106	87333	17.85	ug/l	98
69) Styrene	11.905	104	144744	18.46	ug/l	99
70) Isopropylbenzene	12.192	105	227296	17.65	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.447	83	83700	20.30	ug/l	97
72) 1,2,3-Trichloropropane	12.498	75	76045m	19.10	ug/l	
73) Bromobenzene	12.468	156	55909	17.62	ug/l	88
74) n-propylbenzene	12.535	91	266933	18.75	ug/l	98
75) 2-Chlorotoluene	12.616	91	168467	19.55	ug/l	93
76) 1,3,5-Trimethylbenzene	12.677	105	192407	18.16	ug/l	97
77) t-1,4-Dichloro-2-butene	12.243	75	19352	14.99	ug/l	98
78) 4-Chlorotoluene	12.718	91	160654	19.01	ug/l	98
79) tert-butylbenzene	12.935	119	157992	17.15	ug/l	97
80) 1,2,4-Trimethylbenzene	12.983	105	182480	17.75	ug/l	99
81) sec-Butylbenzene	13.117	105	211857	18.01	ug/l	99
82) p-Isopropyltoluene	13.233	119	180194	17.40	ug/l	96
83) 1,3-Dichlorobenzene	13.227	146	96019	18.45	ug/l	97
84) 1,4-Dichlorobenzene	13.310	146	84286	16.64	ug/l	97
85) n-Butylbenzene	13.563	91	143500	16.98	ug/l	96
86) Hexachloroethane	13.815	117	41077	21.48	ug/l	84
87) 1,2-Dichlorobenzene	13.597	146	94810	18.41	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.244	75	15305m	18.19	ug/l	
89) 1,2,4-Trichlorobenzene	14.981	180	50137	15.26	ug/l	100
90) Hexachlorobutadiene	15.102	225	29293	16.45	ug/l	94
91) Naphthalene	15.266	128	125443	12.54	ug/l	96
92) 1,2,3-Trichlorobenzene	15.504	180	49480	15.38	ug/l	96

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



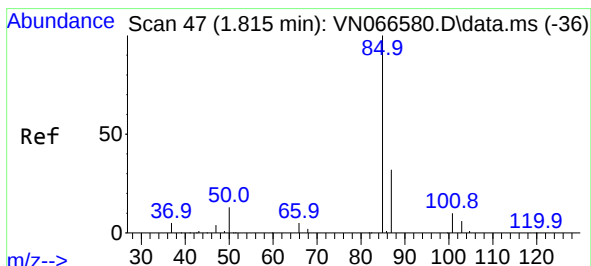
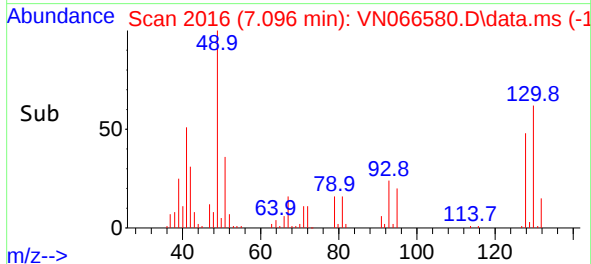
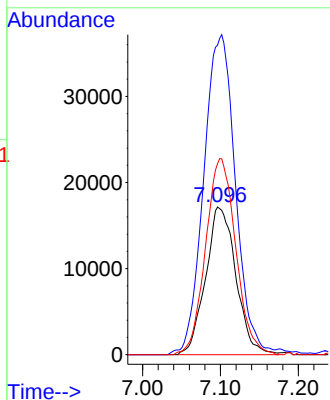
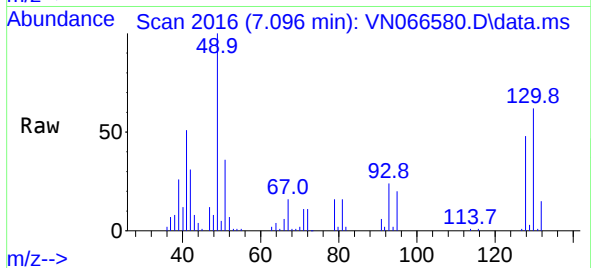
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.096 min Scan# 2016
Delta R.T. -0.011 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:128 Resp: 46360
Ion Ratio Lower Upper
128 100
49 217.1 0.0 429.3
130 132.4 0.0 328.5

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MSVOA_N
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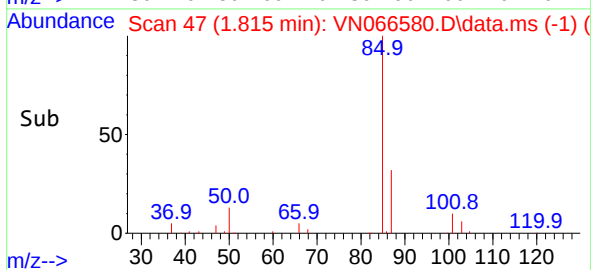
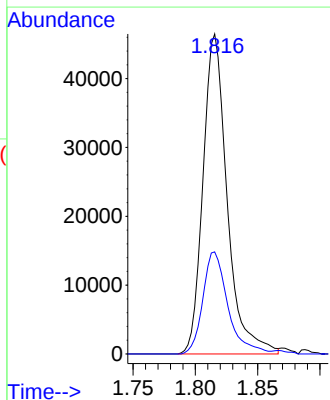
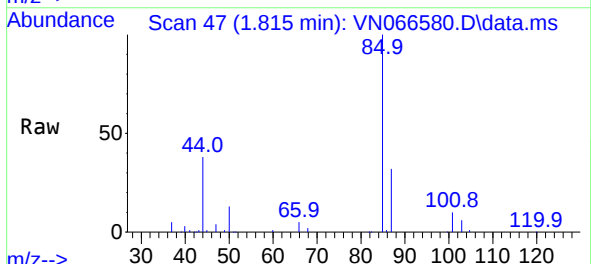
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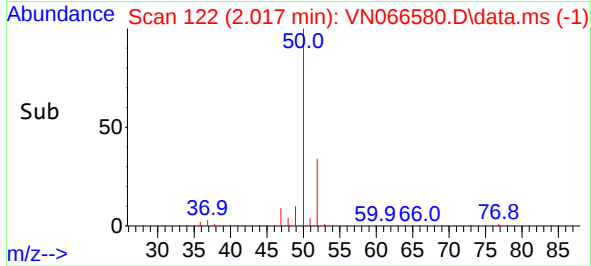
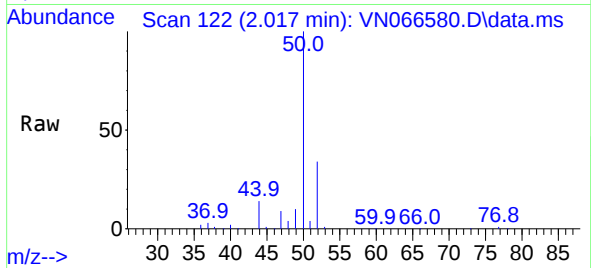
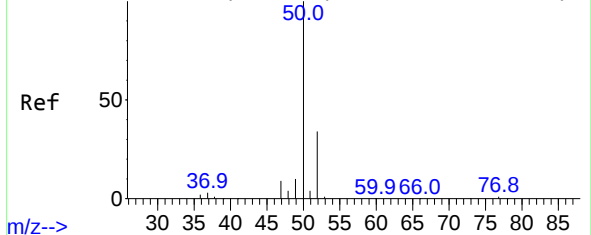


#2
Dichlorodifluoromethane
Concen: 24.22 ug/l
RT: 1.815 min Scan# 47
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 85 Resp: 62791
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.4



Abundance Scan 122 (2.017 min): VN066580.D\data.ms (-1)



#3

Chloromethane

Concen: 26.00 ug/l

RT: 2.017 min Scan# 122

Delta R.T. -0.000 min

Lab File: VN066580.D

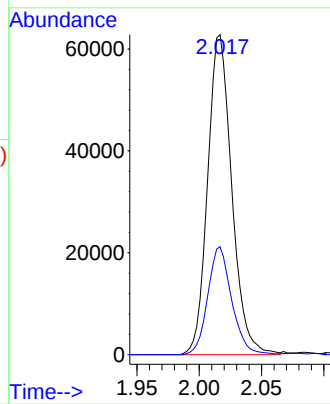
Acq: 13 Apr 2021 15:18

Tgt Ion: 50 Resp: 84740

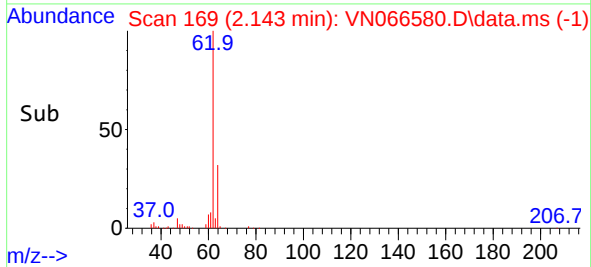
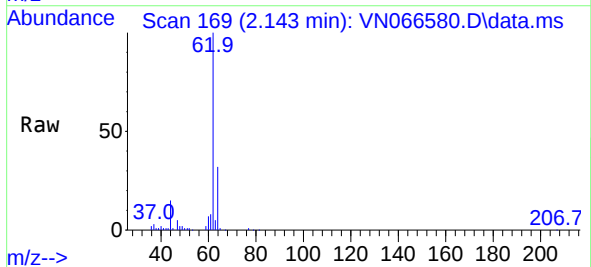
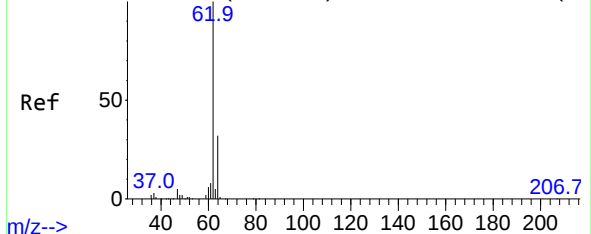
Ion Ratio Lower Upper

50 100

52 33.8 26.2 39.4



Abundance Scan 169 (2.143 min): VN066580.D\data.ms (-1)



#4

Vinyl Chloride

Concen: 23.29 ug/l

RT: 2.143 min Scan# 169

Delta R.T. -0.003 min

Lab File: VN066580.D

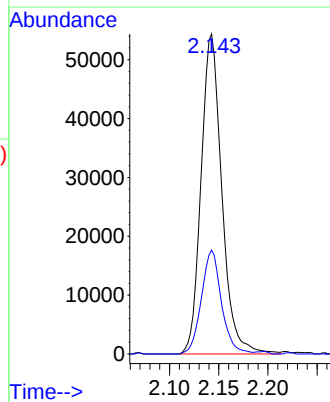
Acq: 13 Apr 2021 15:18

Tgt Ion: 62 Resp: 79802

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.6



Instrument :

MSVOA_N

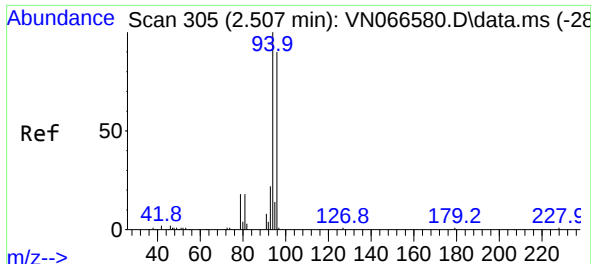
ClientSampleId :

VSTDICCC020

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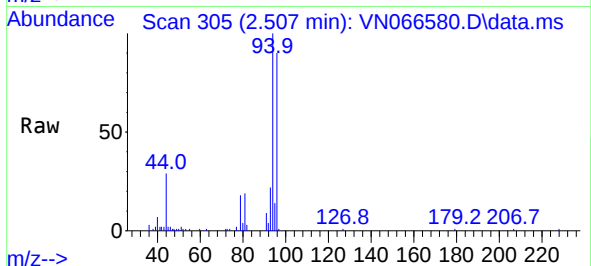
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#5
Bromomethane
Concen: 21.71 ug/l
RT: 2.507 min Scan# 305
Delta R.T. 0.005 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

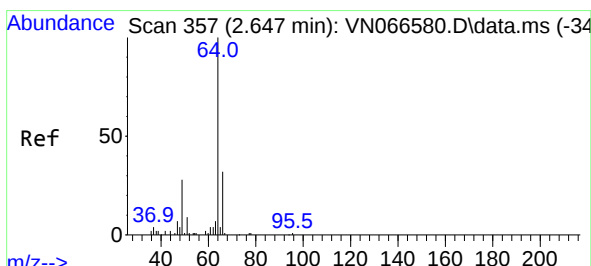
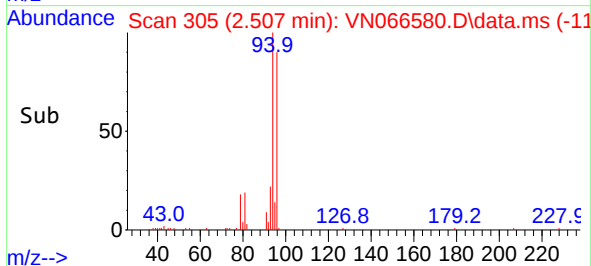
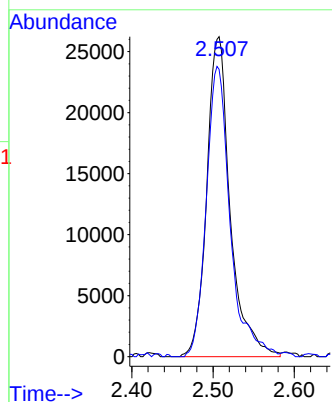
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 52643
Ion Ratio Lower Upper
94 100
96 89.8 77.8 116.8

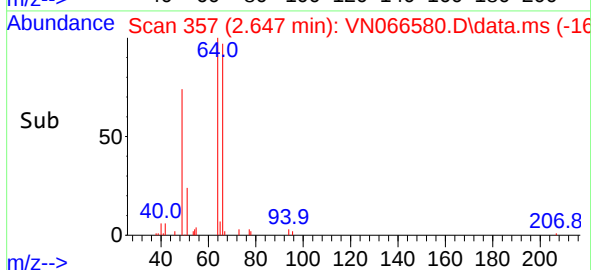
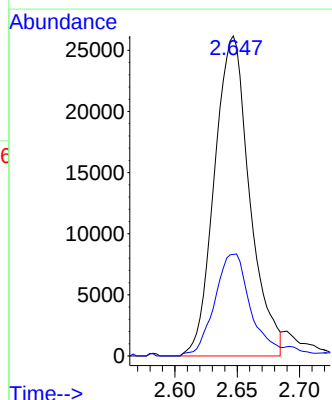
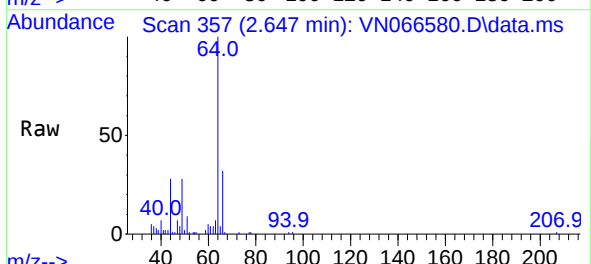
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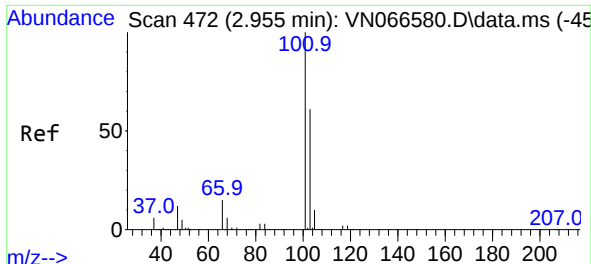
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#6
Chloroethane
Concen: 23.47 ug/l
RT: 2.647 min Scan# 357
Delta R.T. 0.005 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 64 Resp: 51496
Ion Ratio Lower Upper
64 100
66 31.7 24.2 36.4





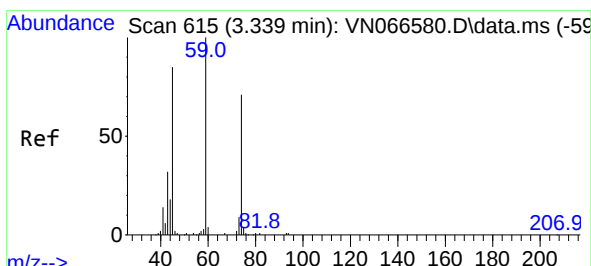
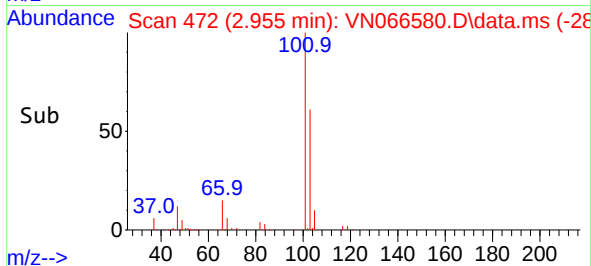
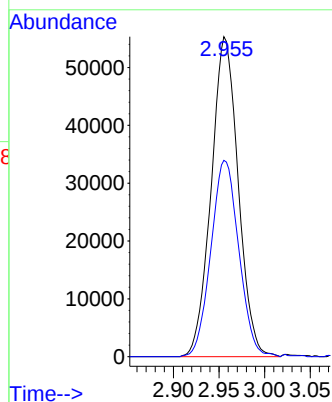
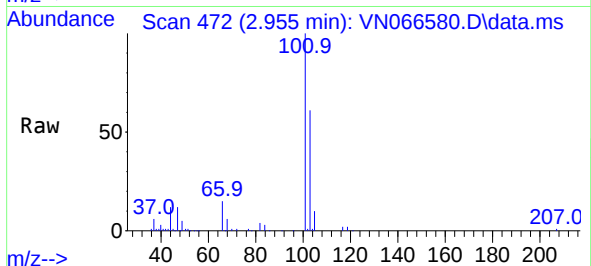
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Trichlorofluoromethane
Concen: 23.08 ug/l
RT: 2.955 min Scan# 472
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Instrument :
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ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 114053
Ion Ratio Lower Upper
101 100
103 61.3 51.6 77.4

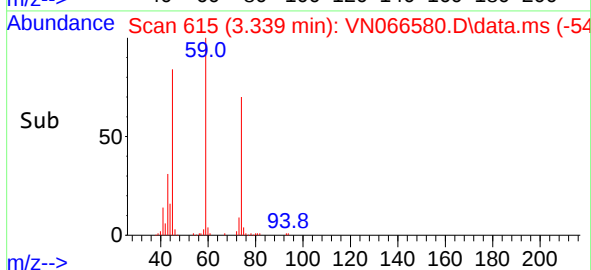
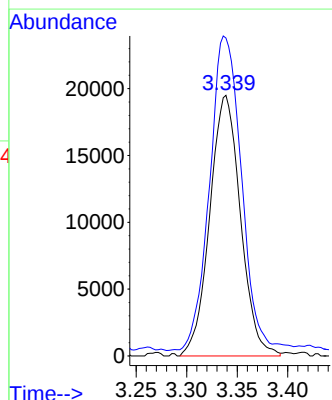
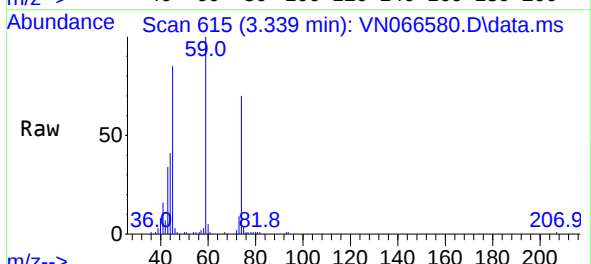
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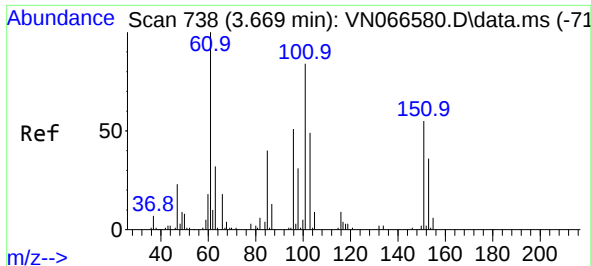
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#8
Diethyl Ether
Concen: 24.72 ug/l
RT: 3.339 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 74 Resp: 41253
Ion Ratio Lower Upper
74 100
45 123.1 19.6 176.4





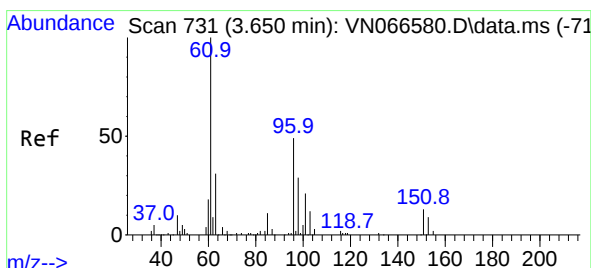
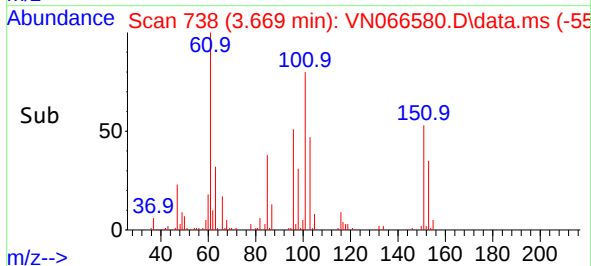
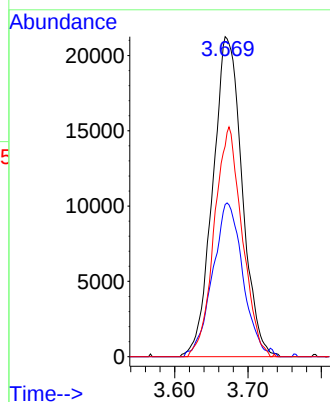
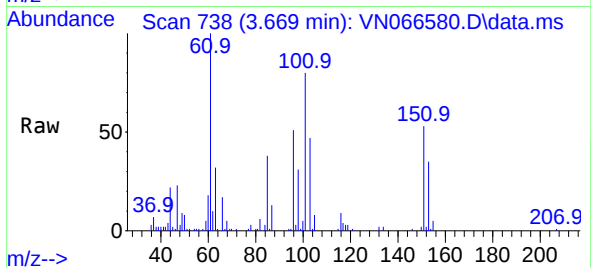
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1,1,2-Trichlorotrifluoroethane
Concen: 24.44 ug/l
RT: 3.669 min Scan# 738
Delta R.T. -0.008 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	101	Resp:	59115
Ion Ratio	Lower	Upper	
101	100		
85	49.3	0.0	90.6
151	68.3	0.0	159.0

Instrument :
MSVOA_N
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VSTDICCC020

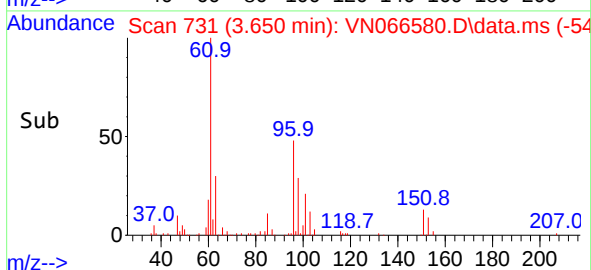
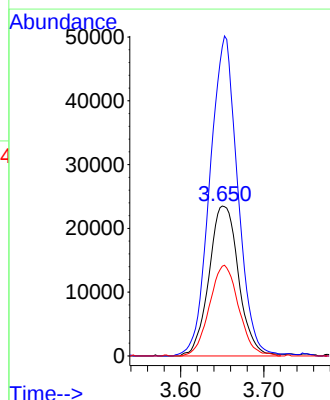
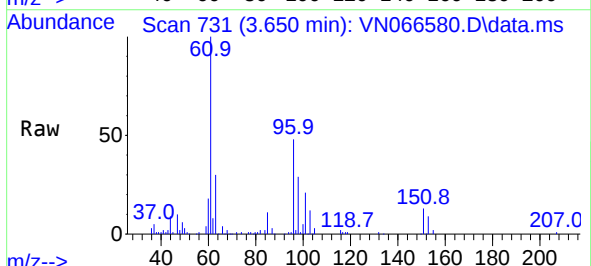
Manual Integrations
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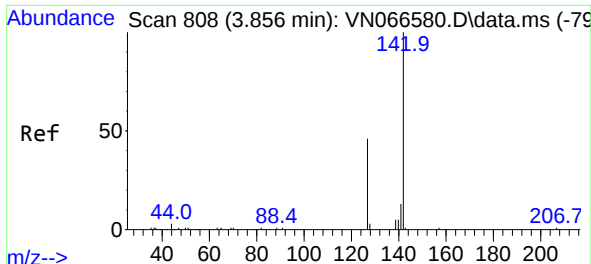
MMDadoda
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#10
1,1-Dichloroethene
Concen: 24.29 ug/l
RT: 3.650 min Scan# 731
Delta R.T. -0.008 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

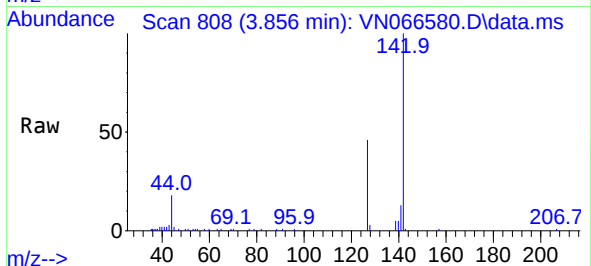
Tgt Ion:	96	Resp:	58168
Ion Ratio	Lower	Upper	
96	100		
61	205.0	139.6	209.4
98	59.9	53.7	80.5





#11
Methyl Iodide
Concen: 21.78 ug/l
RT: 3.856 min Scan# 808
Delta R.T. -0.014 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

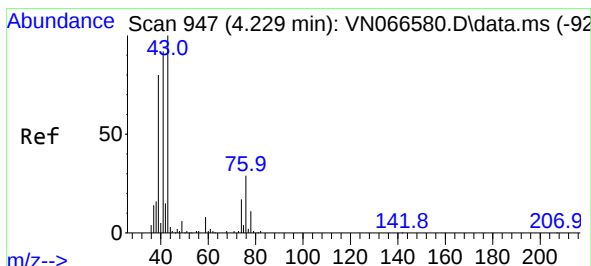
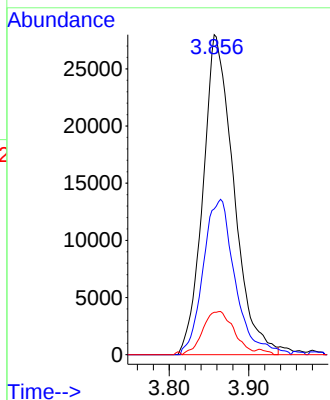
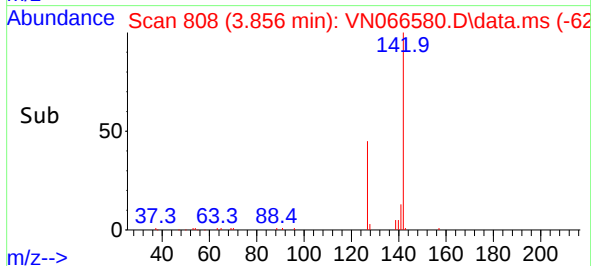
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



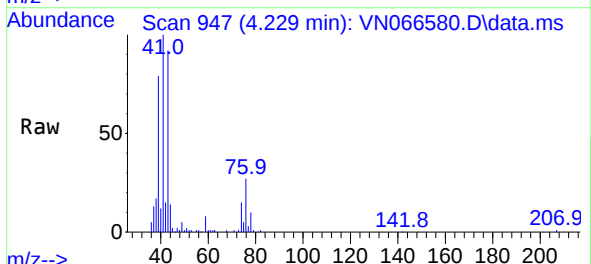
Tgt Ion:142 Resp: 75013
Ion Ratio Lower Upper
142 100
127 45.2 20.5 61.6
141 12.9 7.4 22.3

Manual Integrations
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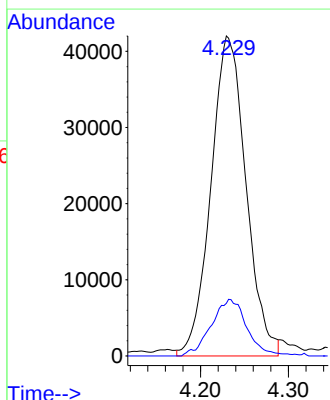
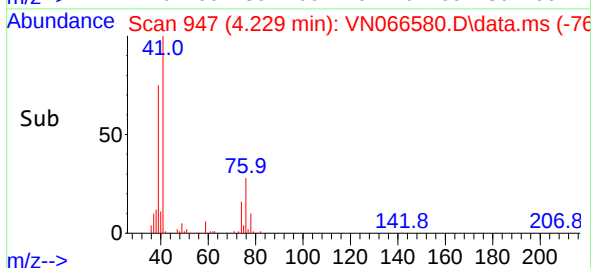
MMDadoda
4/14/2021 1:47:01 PM

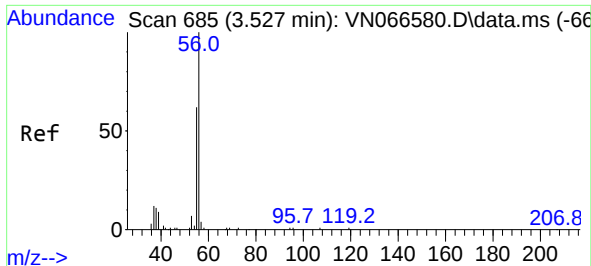


#12
Methyl Acetate
Concen: 31.31 ug/l m
RT: 4.229 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



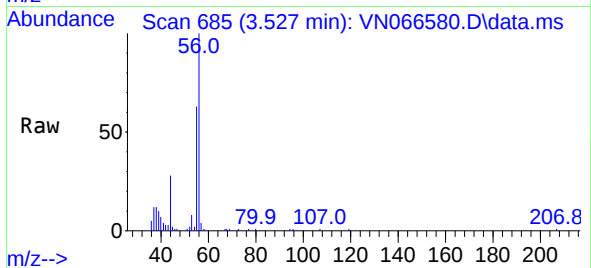
Tgt Ion: 43 Resp: 116354
Ion Ratio Lower Upper
43 100
74 16.4 18.0 27.0#





#13
Acrolein
Concen: 223.85 ug/l
RT: 3.527 min Scan# 685
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

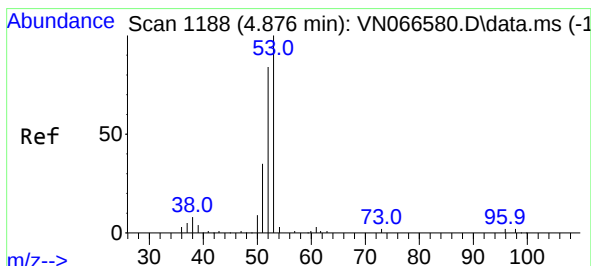
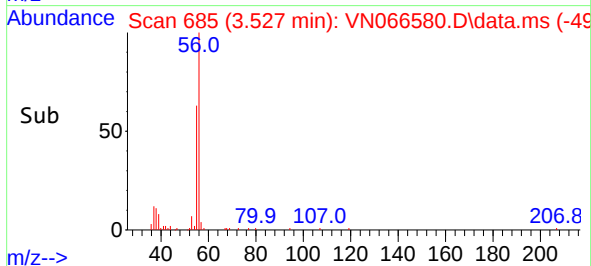
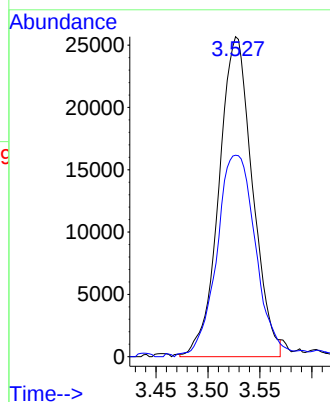
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 57647
Ion Ratio Lower Upper
56 100
55 72.8 54.1 81.1

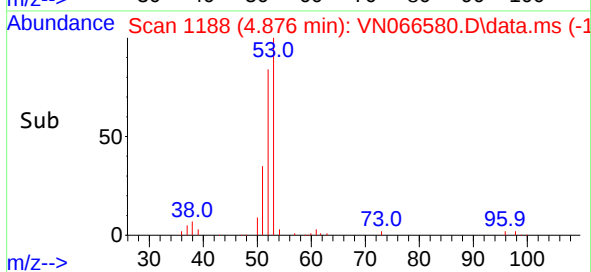
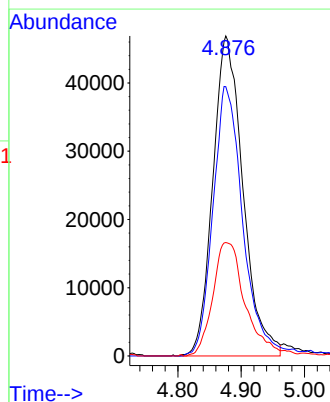
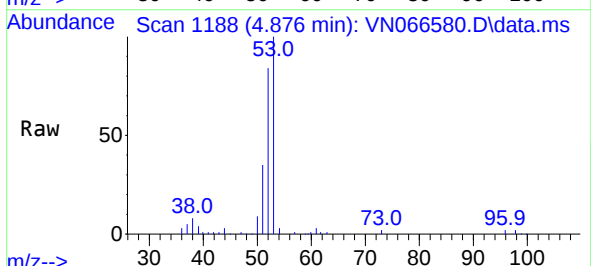
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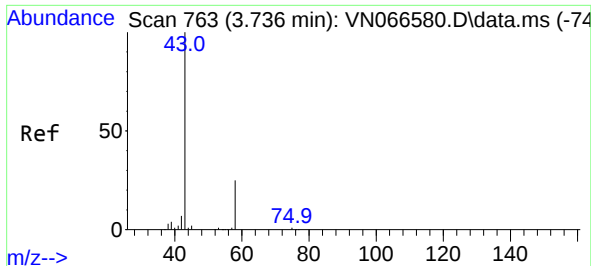
MMDadoda
4/14/2021 1:47:01 PM



#14
Acrylonitrile
Concen: 101.10 ug/l
RT: 4.876 min Scan# 1188
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 53 Resp: 154965
Ion Ratio Lower Upper
53 100
52 83.4 41.0 123.0
51 36.6 17.8 53.4





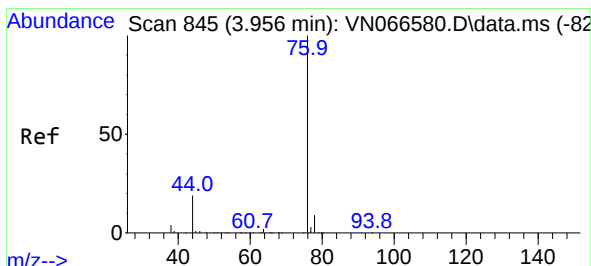
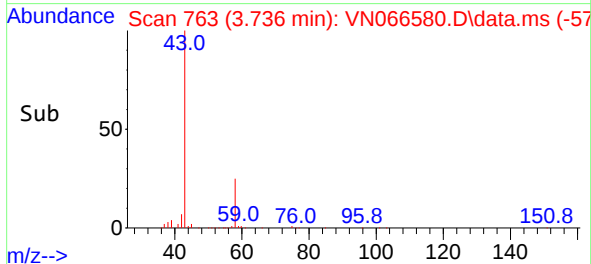
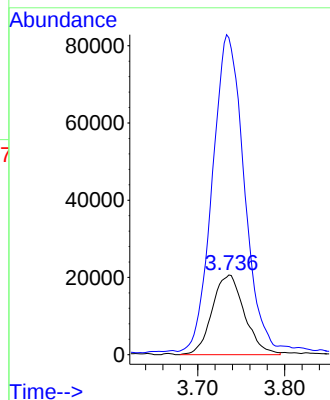
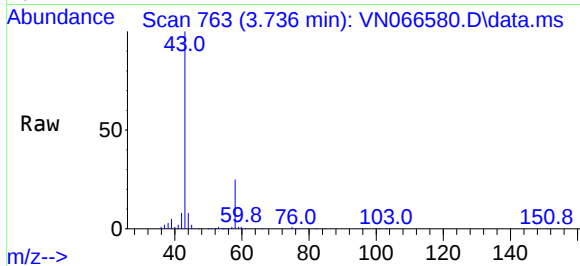
#15
Acetone
Concen: 119.16 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 58 Resp: 53187
Ion Ratio Lower Upper
58 100
43 392.8 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

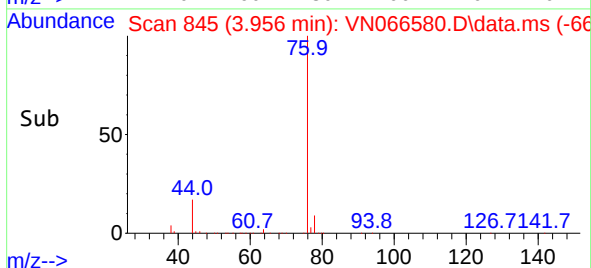
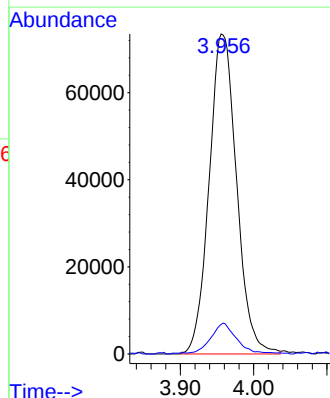
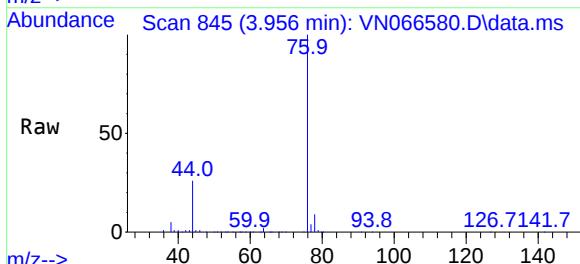
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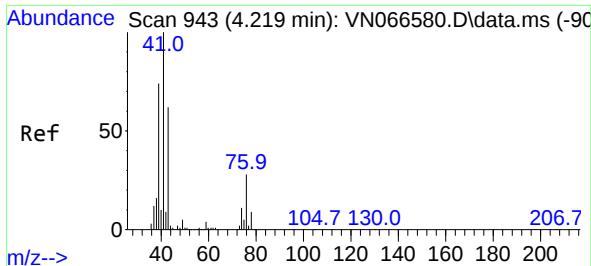
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#16
Carbon Disulfide
Concen: 28.85 ug/l
RT: 3.956 min Scan# 845
Delta R.T. -0.011 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

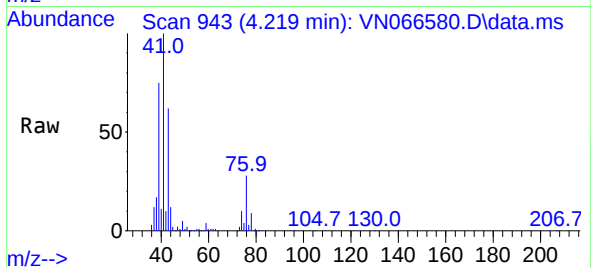
Tgt Ion: 76 Resp: 191283
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#17
 Allyl chloride
 Concen: 37.16 ug/l m
 RT: 4.219 min Scan# 943
 Delta R.T. -0.011 min
 Lab File: VN066580.D
 Acq: 13 Apr 2021 15:18

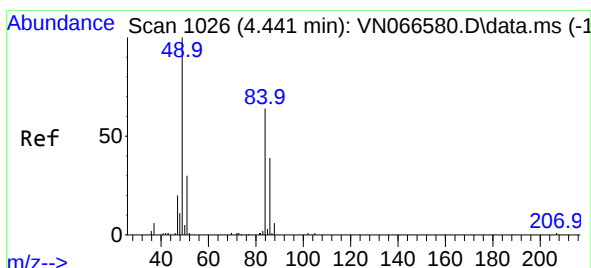
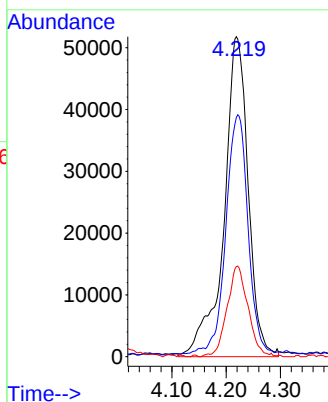
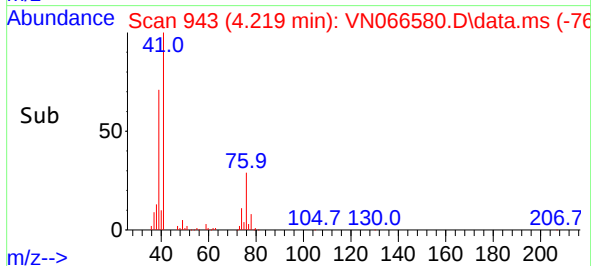
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



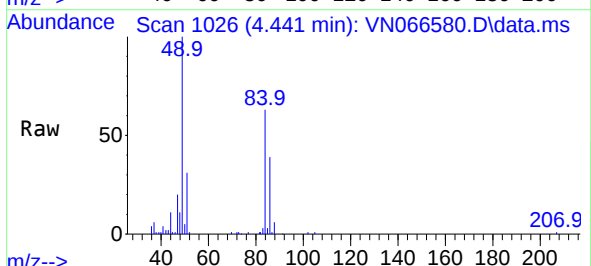
Tgt Ion: 41 Resp: 160753
 Ion Ratio Lower Upper
 41 100
 39 74.6 38.6 116.0
 76 28.1 17.6 52.8

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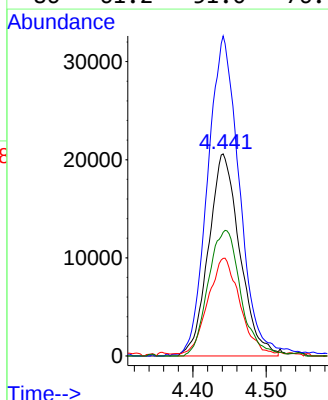
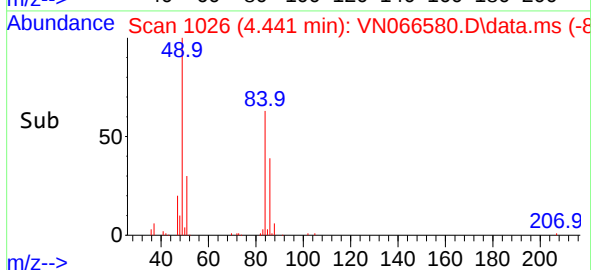
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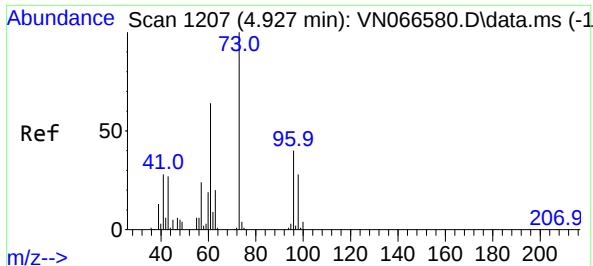


#18
 Methylene Chloride
 Concen: 21.30 ug/l
 RT: 4.441 min Scan# 1026
 Delta R.T. -0.011 min
 Lab File: VN066580.D
 Acq: 13 Apr 2021 15:18



Tgt Ion: 84 Resp: 60938
 Ion Ratio Lower Upper
 84 100
 49 157.3 98.9 148.3#
 51 47.1 30.8 46.2#
 86 61.2 51.0 76.4

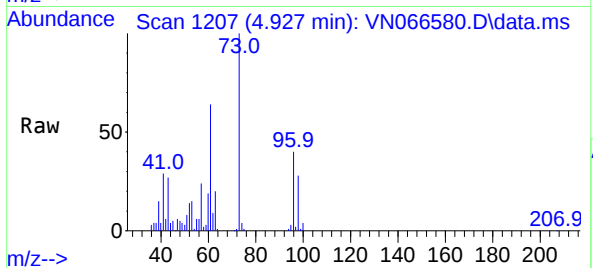




#19

trans-1,2-Dichloroethene
Concen: 20.27 ug/l
RT: 4.927 min Scan# 1207
Delta R.T. -0.005 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

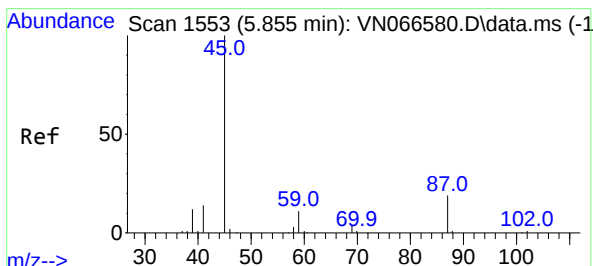
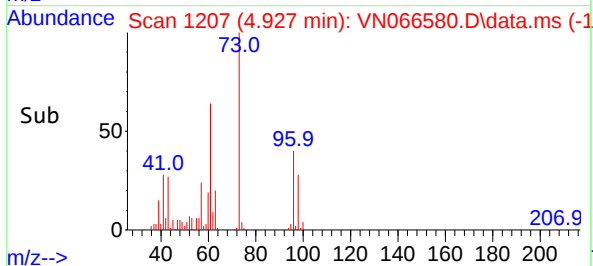
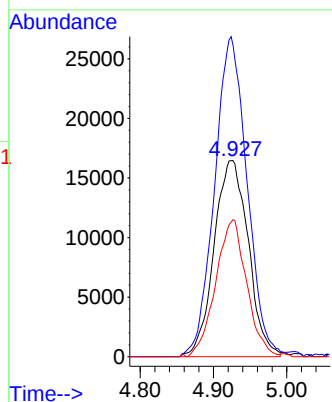
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	96	Resp:	53371
Ion	Ratio	Lower	Upper
96	100		
61	159.0	113.3	169.9
98	69.8	51.4	77.2

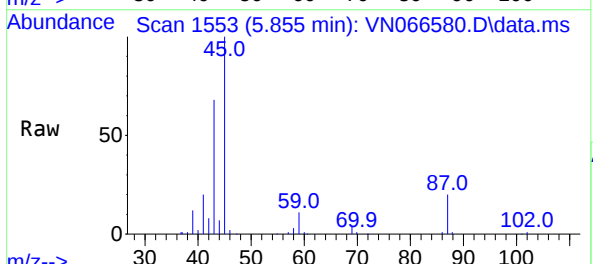
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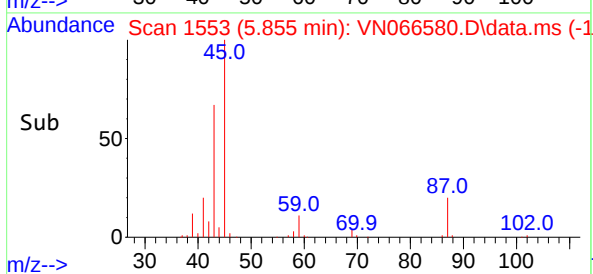
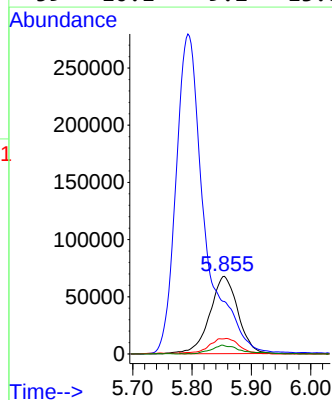


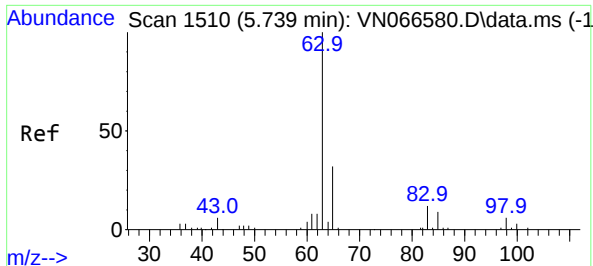
#20

Diisopropyl ether
Concen: 23.33 ug/l
RT: 5.855 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion:	45	Resp:	221467
Ion	Ratio	Lower	Upper
45	100		
43	65.5	51.4	77.2
87	19.8	21.4	32.0#
59	10.1	9.2	13.8





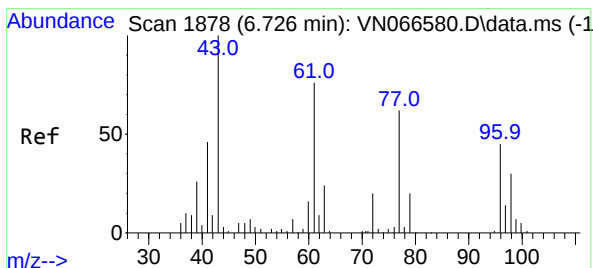
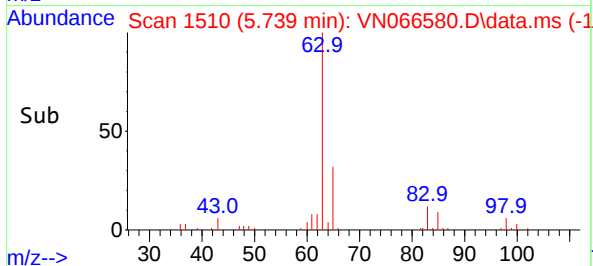
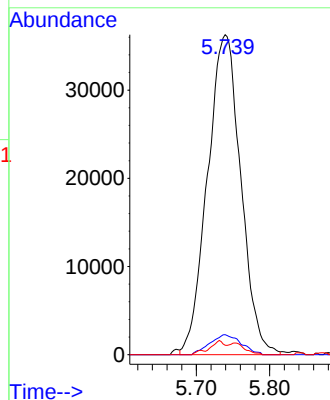
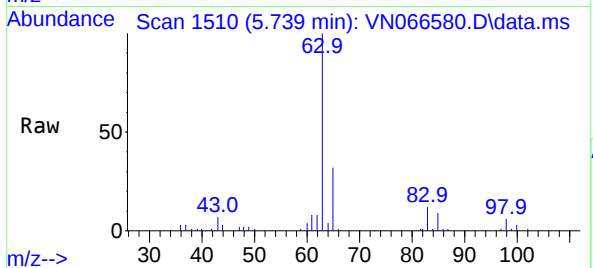
#21
1,1-Dichloroethane
Concen: 22.31 ug/l
RT: 5.739 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 63 Resp: 114629
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 3.0 1.9 5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

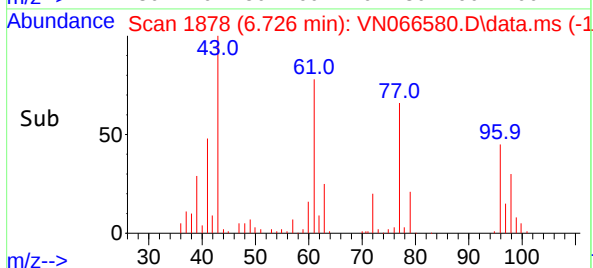
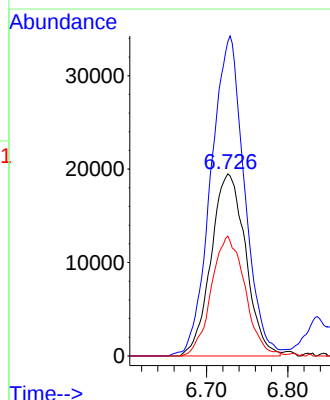
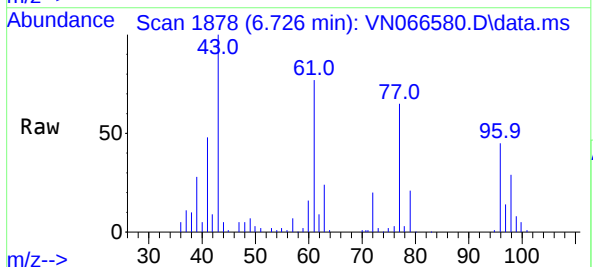
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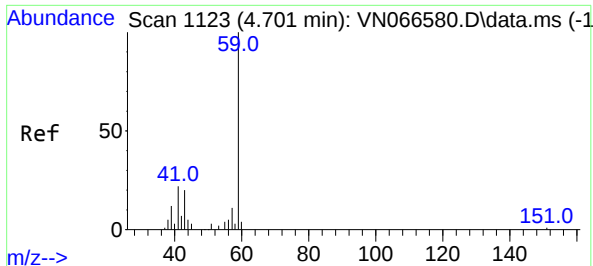
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#22
cis-1,2-Dichloroethene
Concen: 18.28 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 96 Resp: 57608
Ion Ratio Lower Upper
96 100
61 170.4 119.4 179.0
98 63.5 51.5 77.3





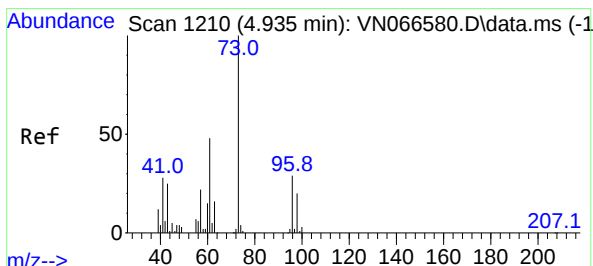
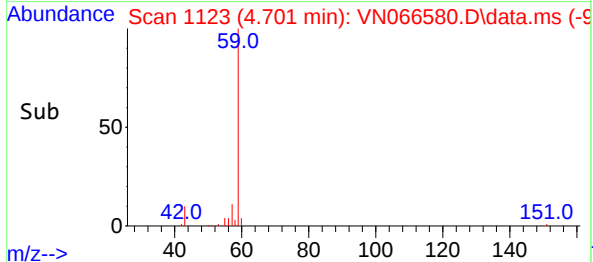
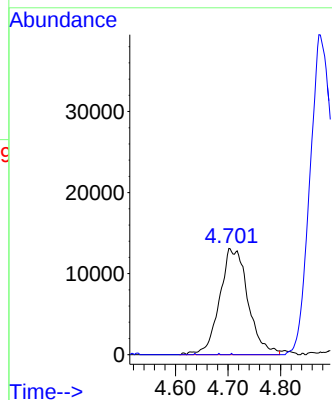
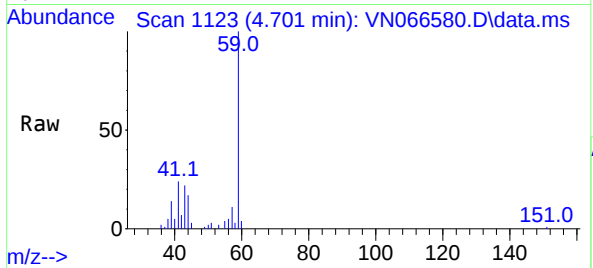
#23
tert-Butyl Alcohol
Concen: 78.12 ug/l m
RT: 4.701 min Scan# 1123
Delta R.T. 0.019 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 59 Resp: 49159
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

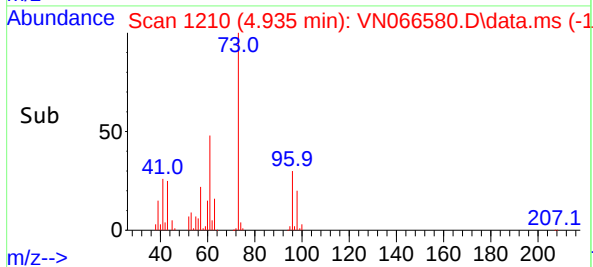
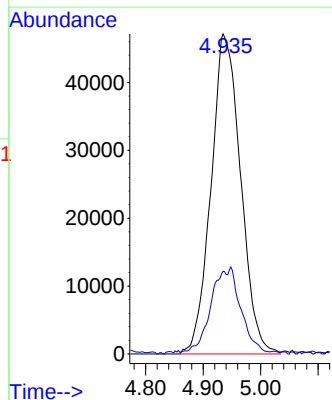
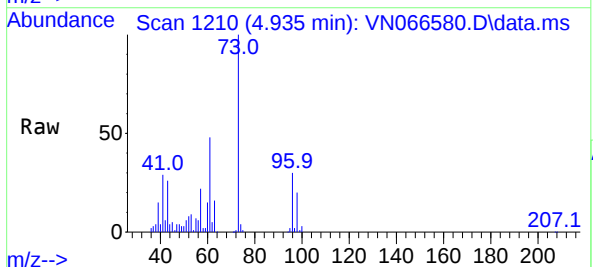
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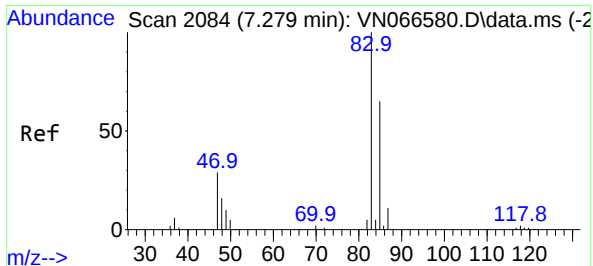
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#24
Methyl tert-Butyl Ether
Concen: 18.46 ug/l
RT: 4.935 min Scan# 1210
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

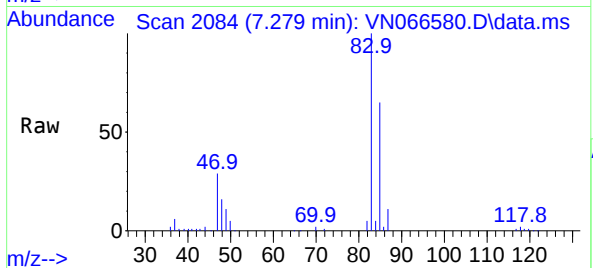
Tgt Ion: 73 Resp: 168549
Ion Ratio Lower Upper
73 100
43 14.4 18.5 27.7#





#25
Chloroform
Concen: 21.77 ug/l
RT: 7.279 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

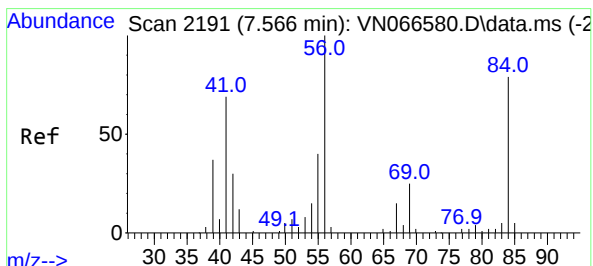
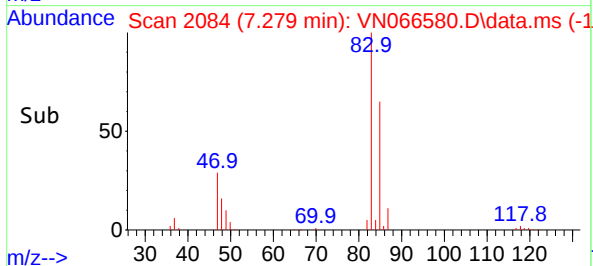
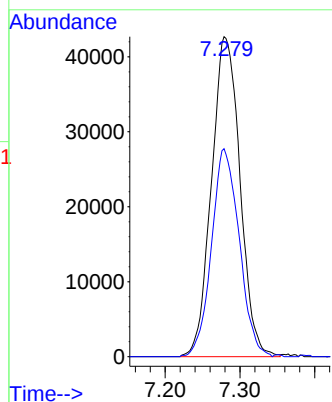
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 112983
Ion Ratio Lower Upper
83 100
85 65.0 49.4 74.2

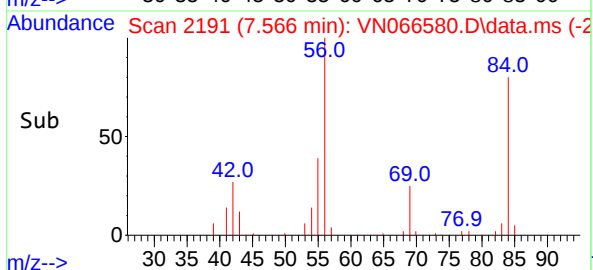
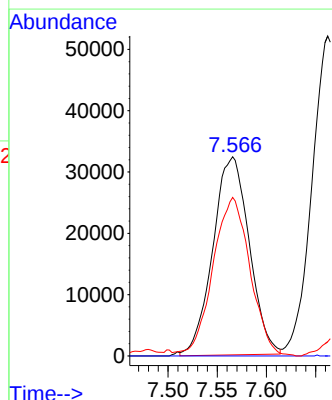
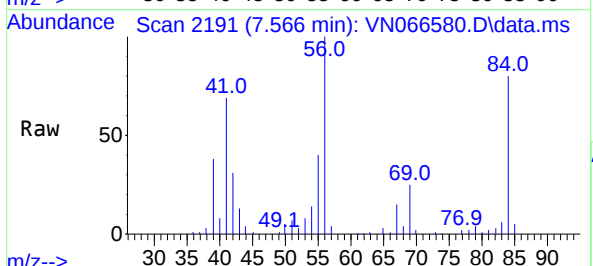
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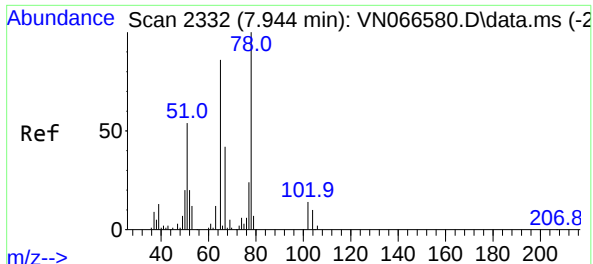
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#26
Cyclohexane
Concen: 18.28 ug/l
RT: 7.566 min Scan# 2191
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 56 Resp: 83328
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.8 65.4 98.2





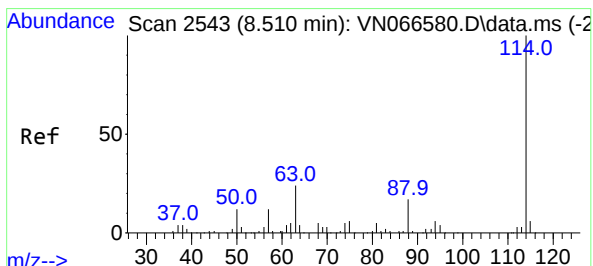
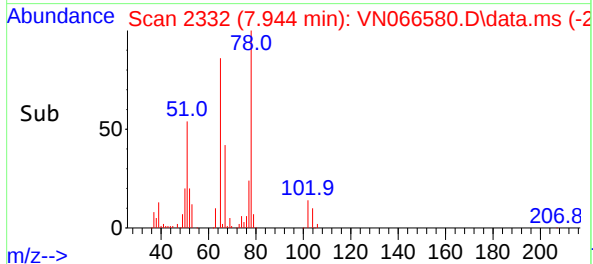
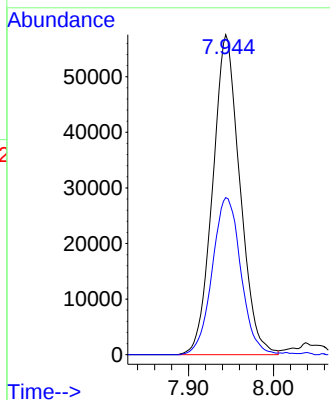
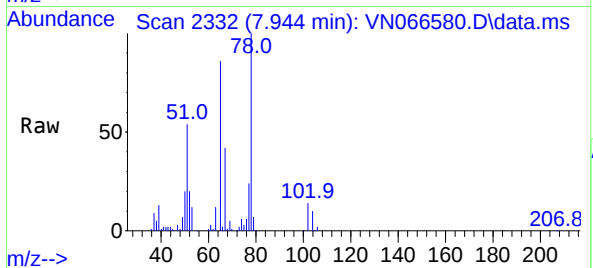
#27
1,2-Dichloroethane-d4
Concen: 35.98 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 65 Resp: 128209
Ion Ratio Lower Upper
65 100
67 51.5 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

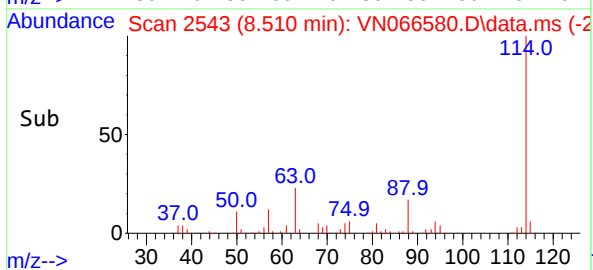
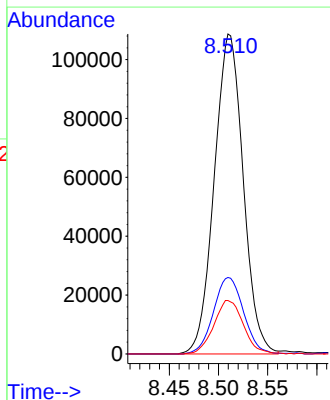
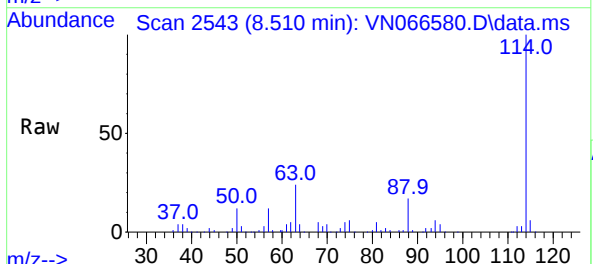
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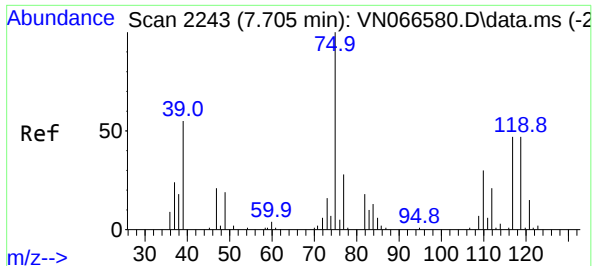
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 114 Resp: 222588
Ion Ratio Lower Upper
114 100
63 24.9 17.4 26.0
88 17.0 12.6 19.0





#29
1,1-Dichloropropene
Concen: 23.72 ug/l
RT: 7.705 min Scan# 2243
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

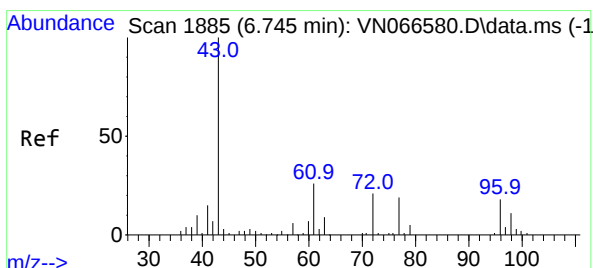
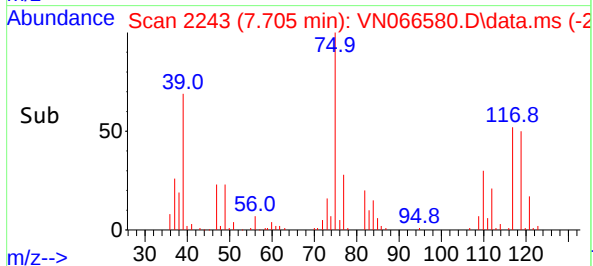
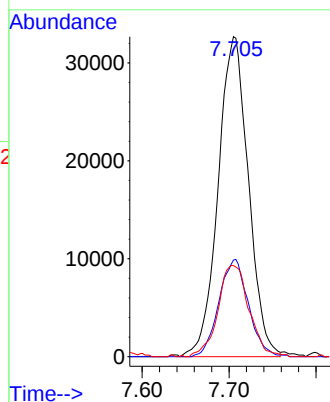
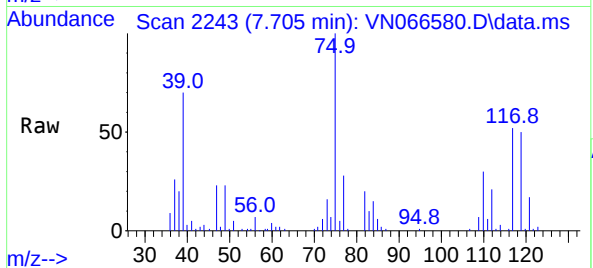
Tgt Ion: 75 Resp: 78963

Ion	Ratio	Lower	Upper
75	100		
110	29.6	0.0	69.4
77	29.2	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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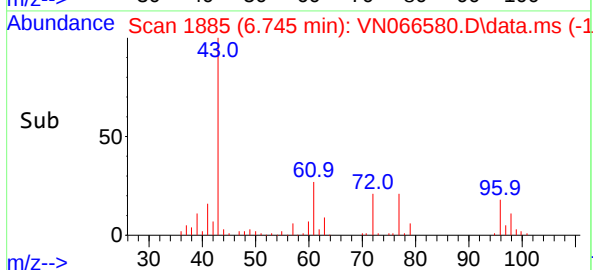
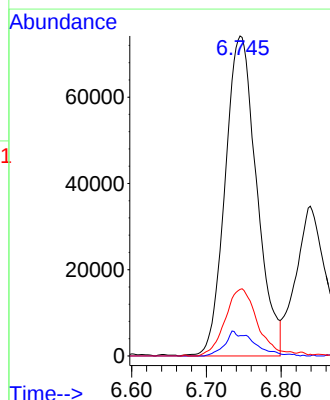
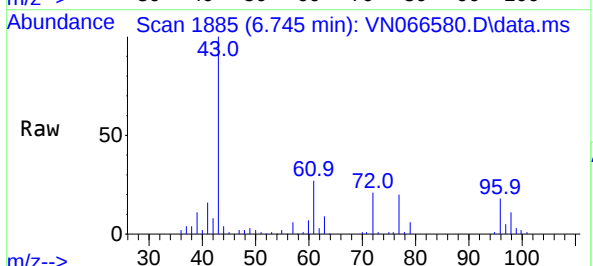
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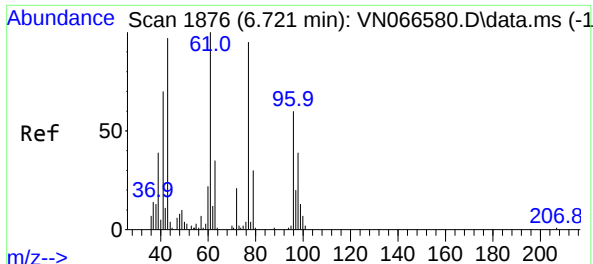


#30
2-Butanone
Concen: 111.14 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. 0.011 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 43 Resp: 216826

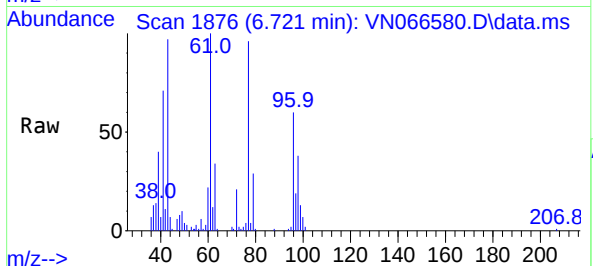
Ion	Ratio	Lower	Upper
43	100		
57	3.2	6.9	10.3#
72	21.3	20.9	31.3



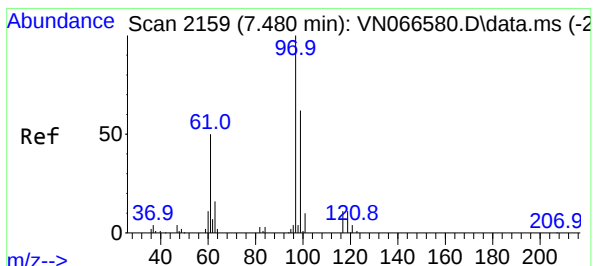
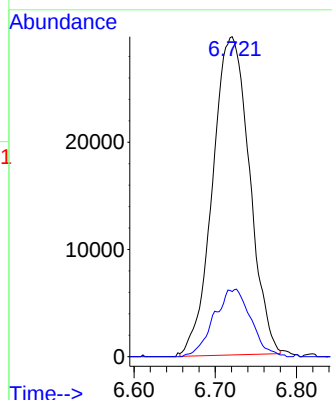
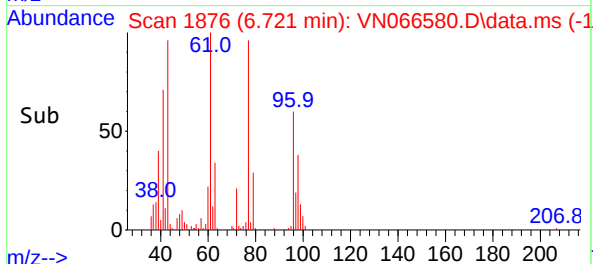


#31
2,2-Dichloropropane
Concen: 22.71 ug/l
RT: 6.721 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

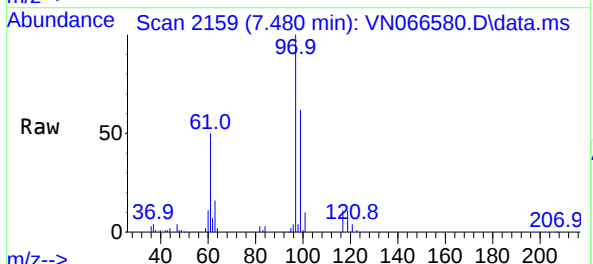
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



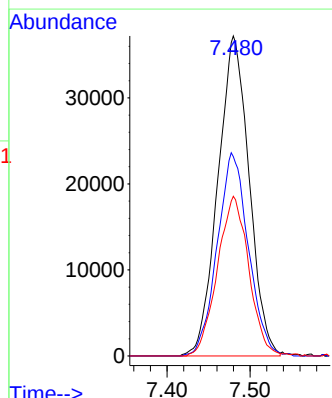
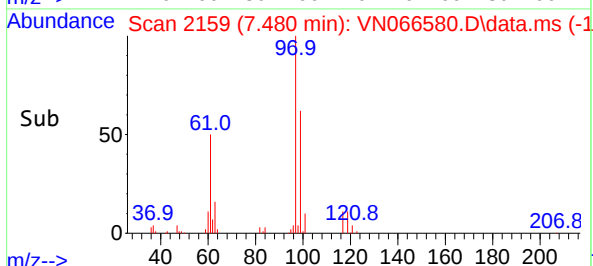
Tgt Ion: 77 Resp: 93653
Ion Ratio Lower Upper
77 100
97 1.2 18.1 27.1#

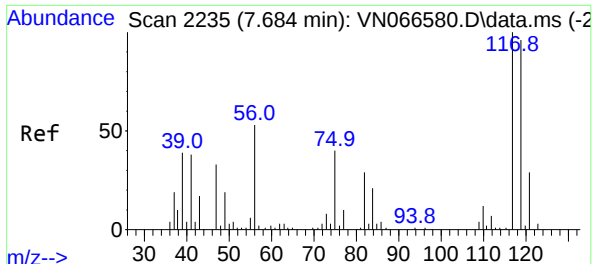


#32
1,1,1-Trichloroethane
Concen: 24.07 ug/l
RT: 7.480 min Scan# 2159
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion: 97 Resp: 97121
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 50.0 37.6 56.4





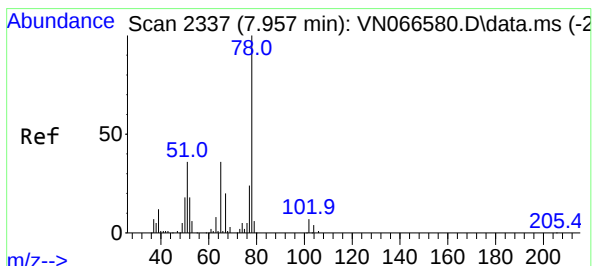
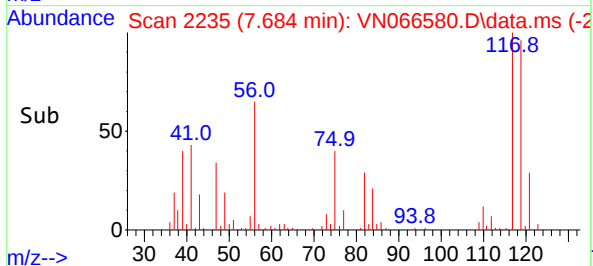
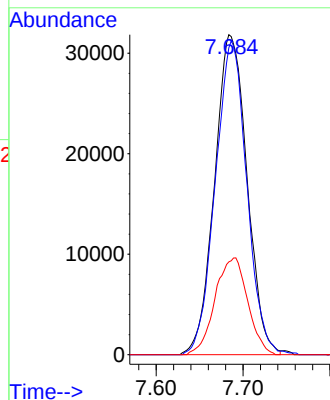
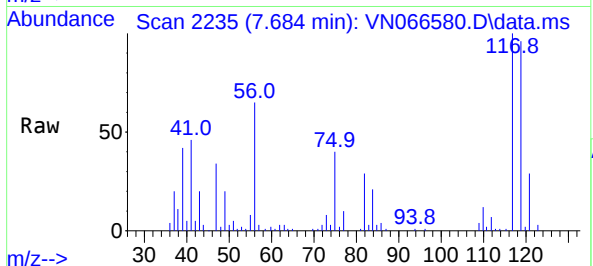
#33
Carbon Tetrachloride
Concen: 24.20 ug/l
RT: 7.684 min Scan# 2235
Delta R.T. -0.008 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	117	Resp:	82446
Ion	Ratio	Lower	Upper
117	100		
119	95.9	72.6	108.8
121	29.0	23.5	35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

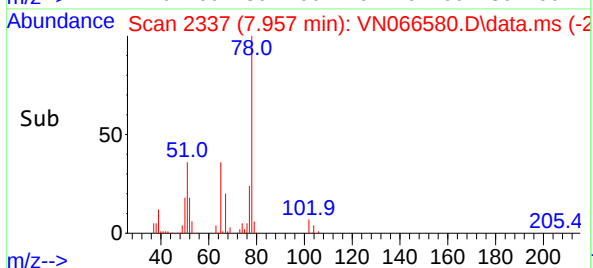
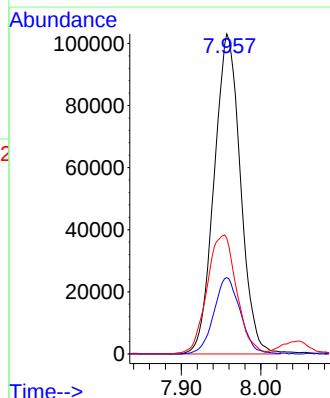
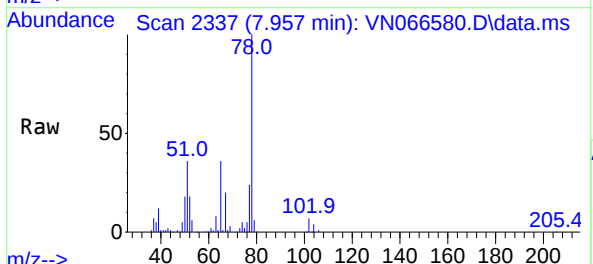
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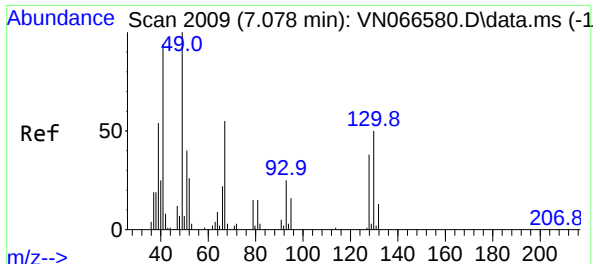
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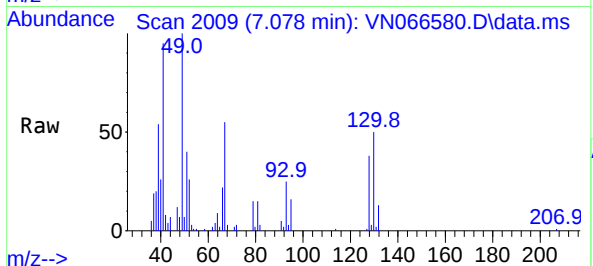
#34
Benzene
Concen: 23.39 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	78	Resp:	237266
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8
51	35.8	21.9	32.9



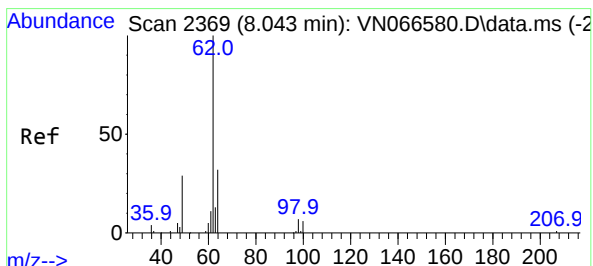
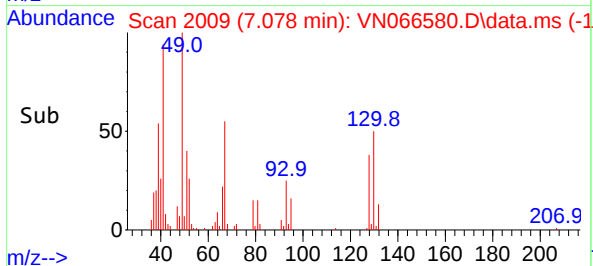
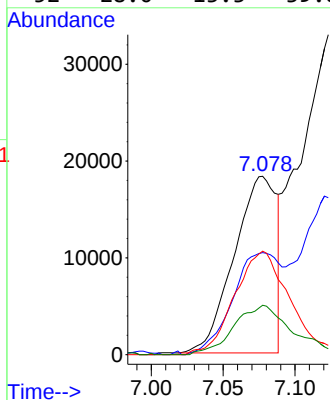


#35
Methacrylonitrile
Concen: 22.61 ug/l
RT: 7.078 min Scan# 2009
Delta R.T. -0.014 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion: 41 Resp: 37316

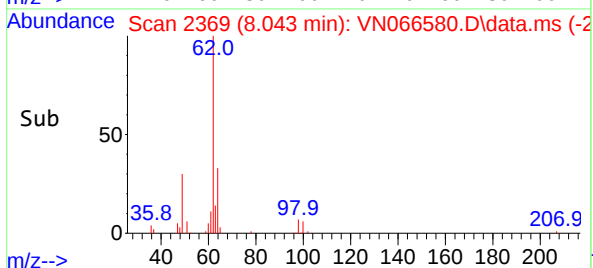
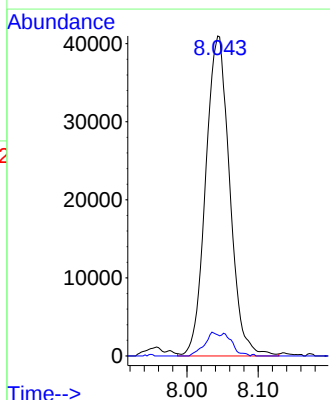
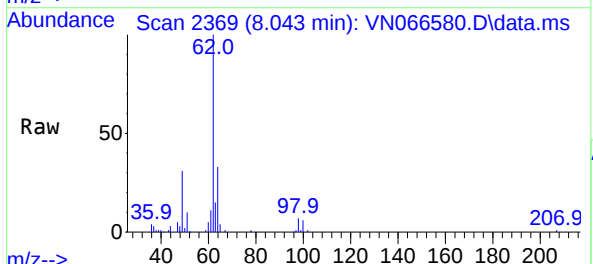
Ion	Ratio	Lower	Upper
41	100		
39	55.7	27.3	81.8
67	58.7	31.4	94.3
52	28.0	13.3	39.8



#36
1,2-Dichloroethane
Concen: 25.82 ug/l m
RT: 8.043 min Scan# 2369
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 62 Resp: 95958

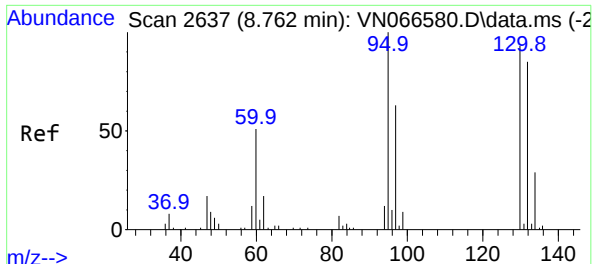
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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#37

Trichloroethene

Concen: 19.98 ug/l

RT: 8.762 min Scan# 2637

Delta R.T. -0.003 min

Lab File: VN066580.D

Acq: 13 Apr 2021 15:18

Tgt Ion:130 Resp: 52859

Ion Ratio Lower Upper

130 100

95 107.5 80.7 121.1

Instrument :

MSVOA_N

ClientSampleId :

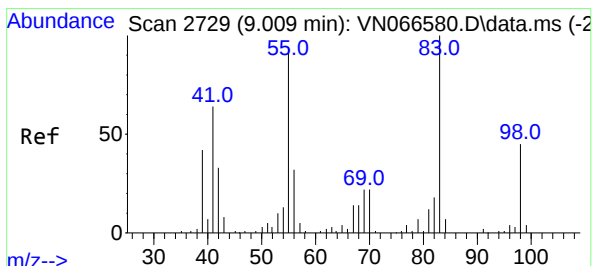
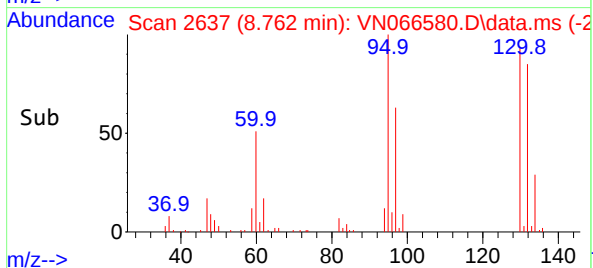
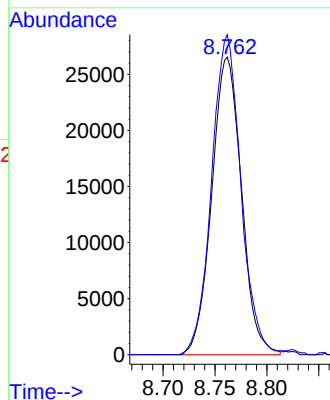
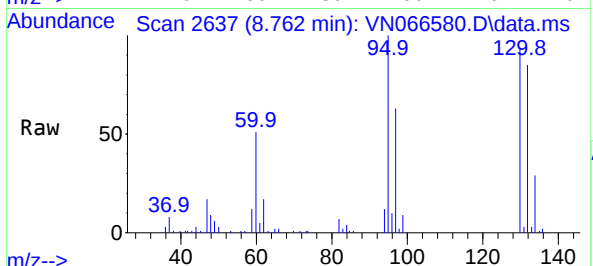
VSTDICCC020

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#38

Methylcyclohexane

Concen: 18.22 ug/l

RT: 9.009 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VN066580.D

Acq: 13 Apr 2021 15:18

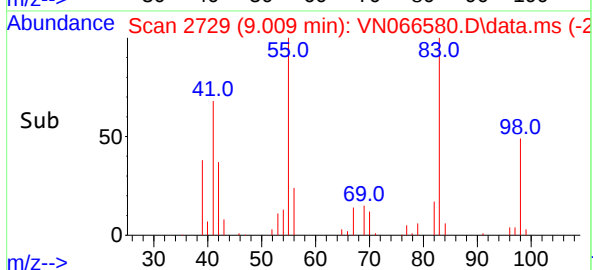
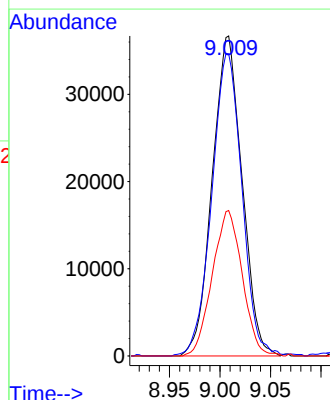
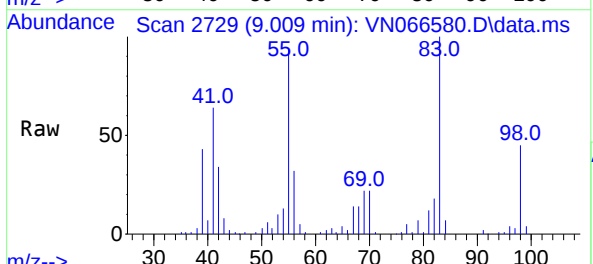
Tgt Ion: 83 Resp: 75022

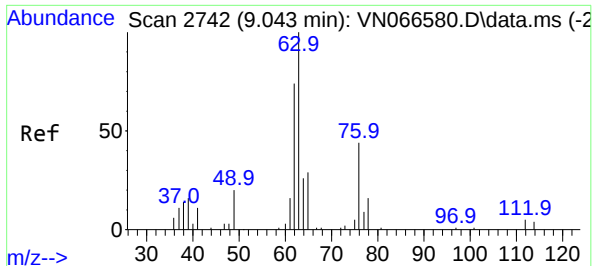
Ion Ratio Lower Upper

83 100

55 95.2 38.8 116.3

98 45.6 22.2 66.6





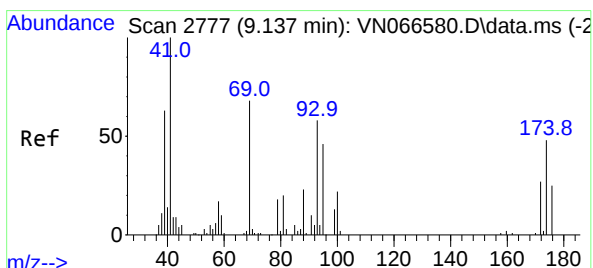
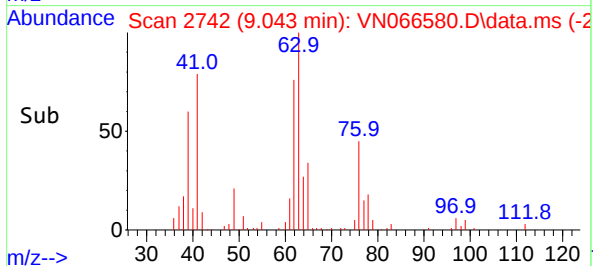
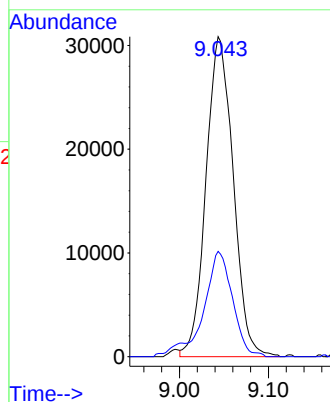
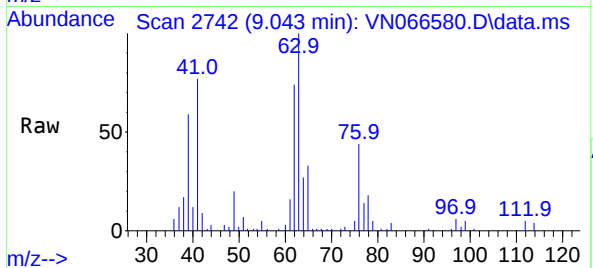
#39
1,2-Dichloropropane
Concen: 23.86 ug/l
RT: 9.043 min Scan# 2742
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 63 Resp: 65515
Ion Ratio Lower Upper
63 100
65 32.9 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

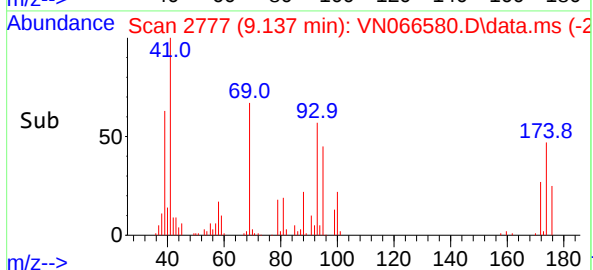
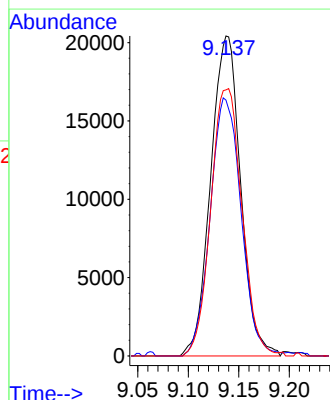
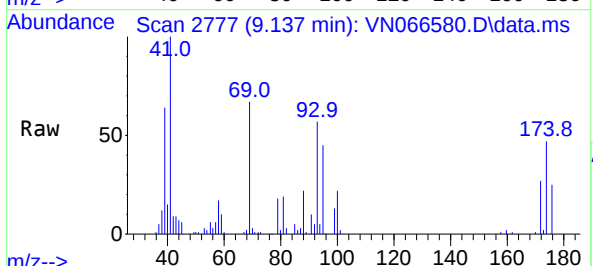
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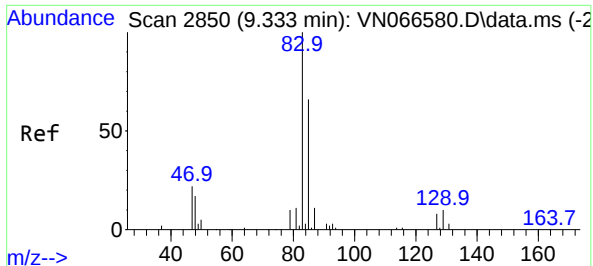
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#40
Dibromomethane
Concen: 23.81 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 93 Resp: 42044
Ion Ratio Lower Upper
93 100
95 83.4 0.0 169.0
174 86.9 0.0 205.8





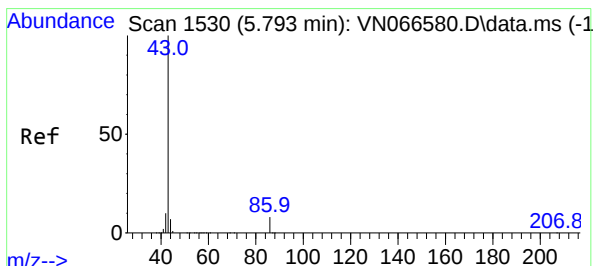
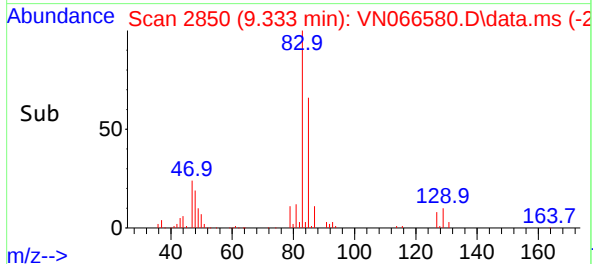
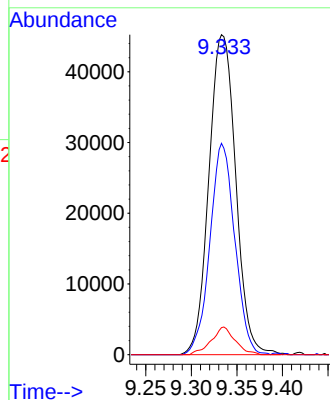
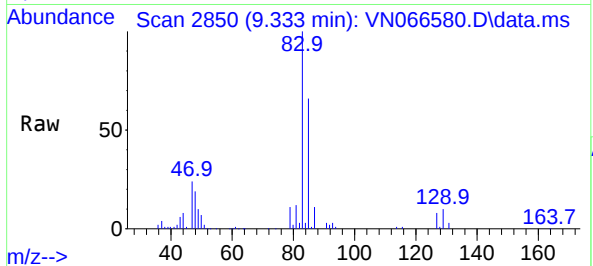
#41
Bromodichloromethane
Concen: 24.78 ug/l
RT: 9.333 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 83 Resp: 92595
Ion Ratio Lower Upper
83 100
85 66.0 50.6 75.8
127 8.4 6.9 10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

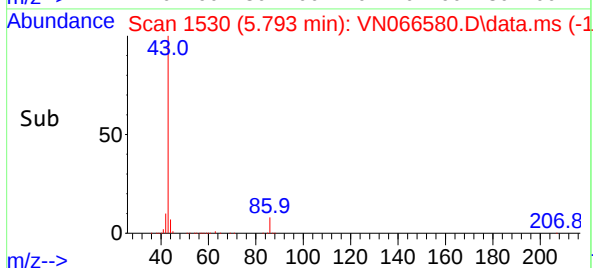
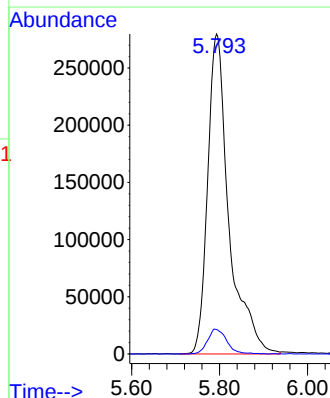
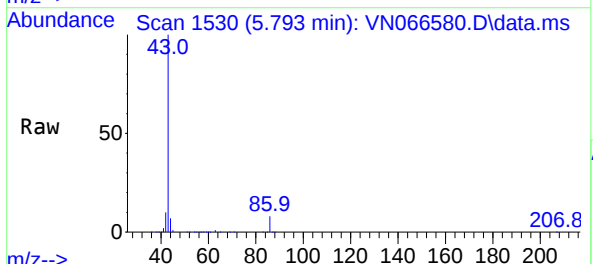
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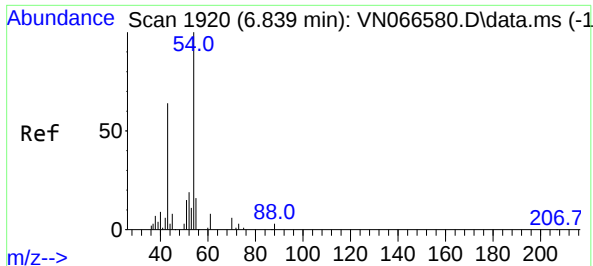
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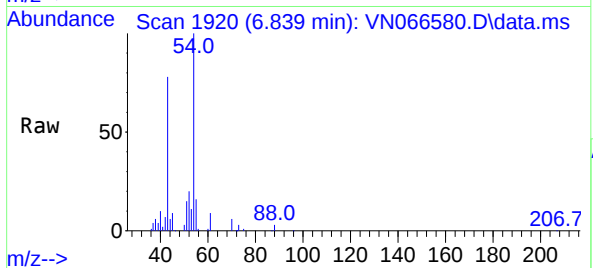
#42
Vinyl Acetate
Concen: 127.86 ug/l
RT: 5.793 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 43 Resp: 940162
Ion Ratio Lower Upper
43 100
86 6.9 6.7 10.1

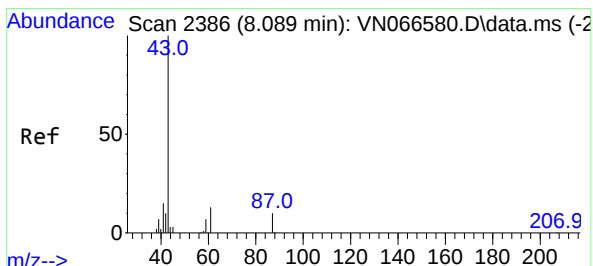
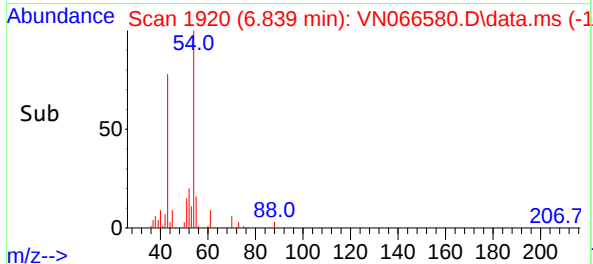
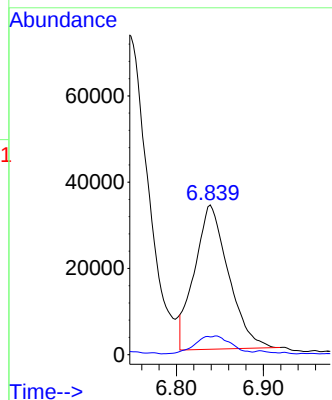




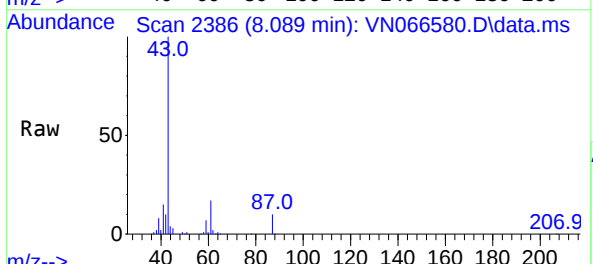
#43
Ethyl Acetate
Concen: 24.03 ug/l
RT: 6.839 min Scan# 1920
Delta R.T. 0.008 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



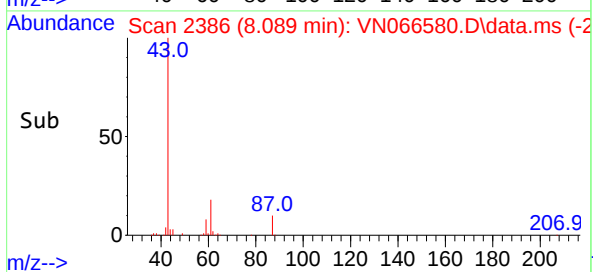
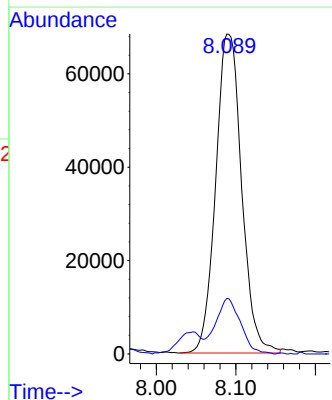
Tgt Ion: 43 Resp: 90290
Ion Ratio Lower Upper
43 100
45 6.0 6.3 9.5#



#44
Isopropyl Acetate
Concen: 23.05 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



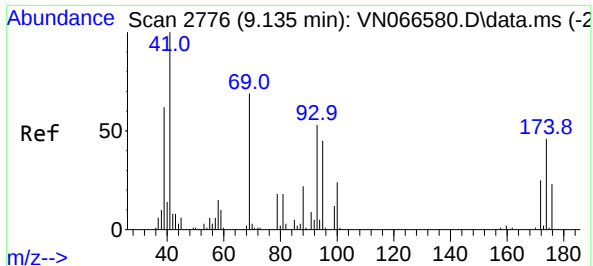
Tgt Ion: 43 Resp: 154673
Ion Ratio Lower Upper
43 100
61 16.6 20.4 30.6#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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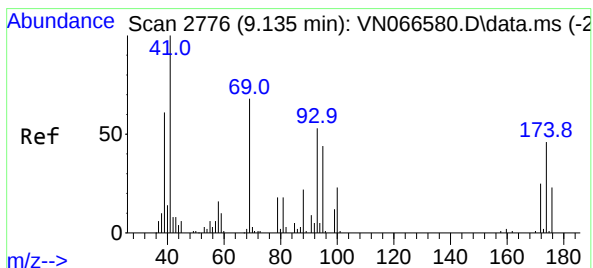
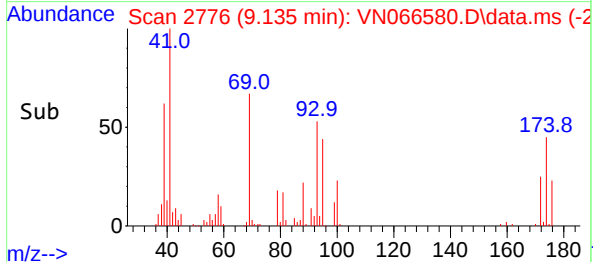
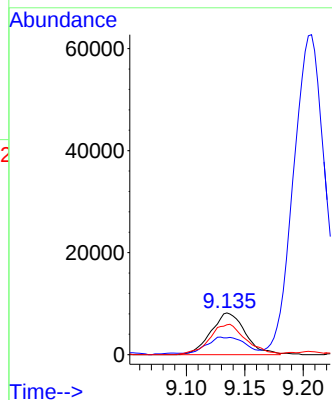
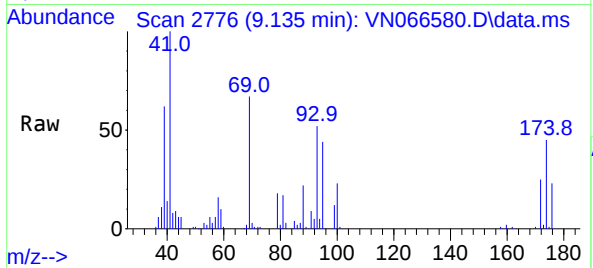
#45
1,4-Dioxane
Concen: 389.58 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.005 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 88 Resp: 16675
Ion Ratio Lower Upper
88 100
43 19.3 27.0 40.4#
58 77.1 57.9 86.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

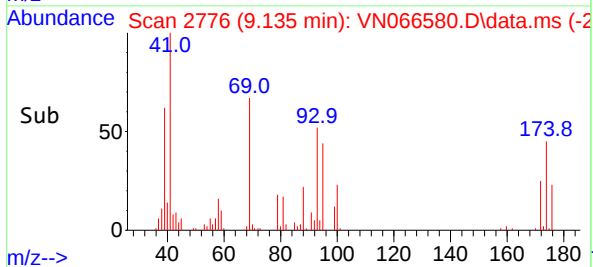
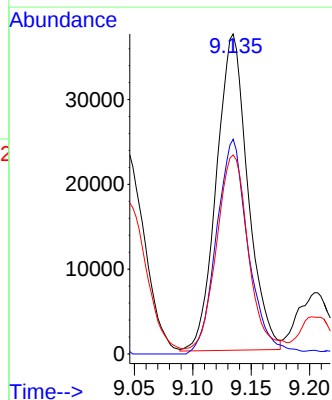
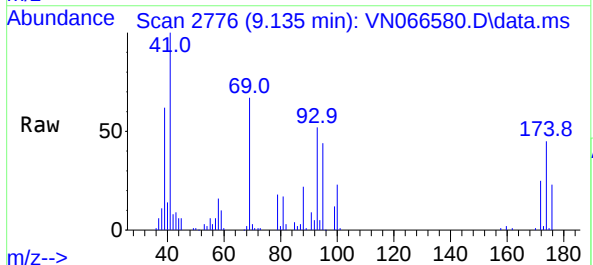
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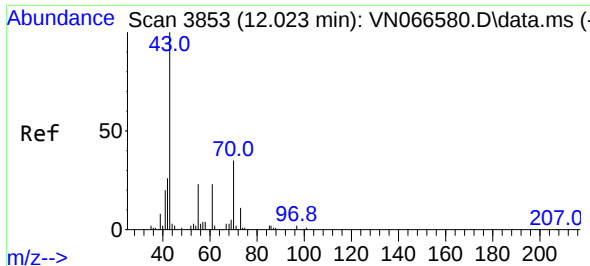
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#46
Methyl methacrylate
Concen: 22.24 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 41 Resp: 69679
Ion Ratio Lower Upper
41 100
69 68.1 40.6 121.7
39 61.3 33.2 99.6





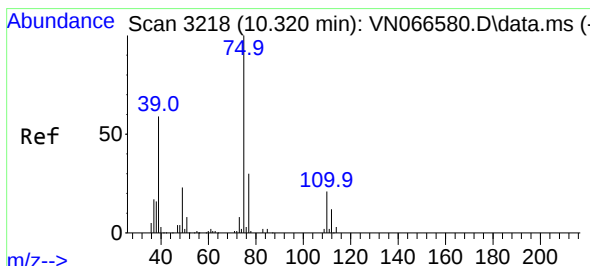
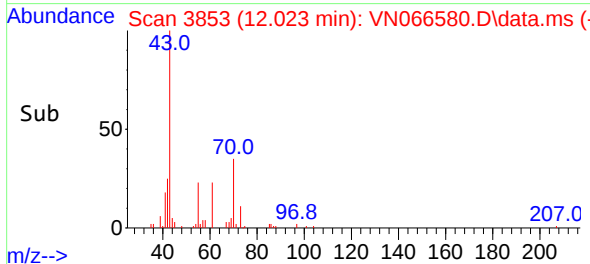
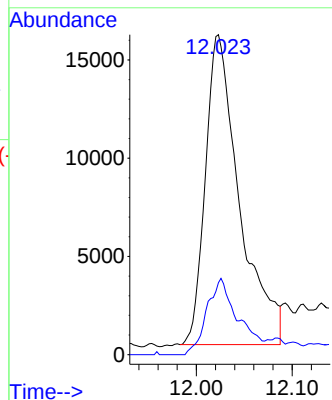
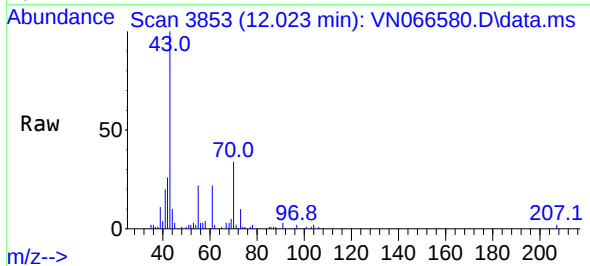
#47
n-amy1 Acetate
Concen: 14.40 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 43 Resp: 39066
Ion Ratio Lower Upper
43 100
55 17.9 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

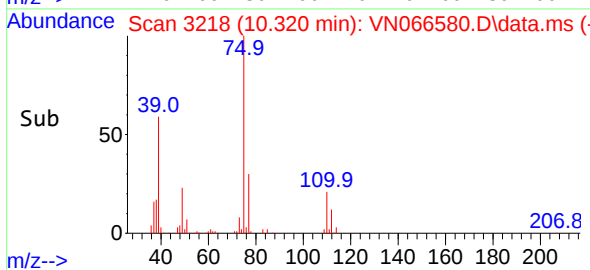
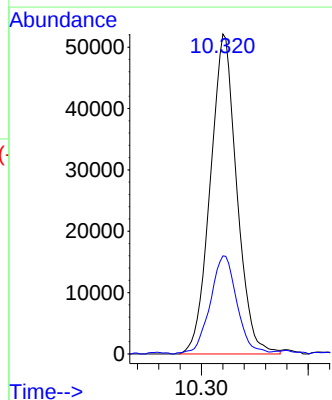
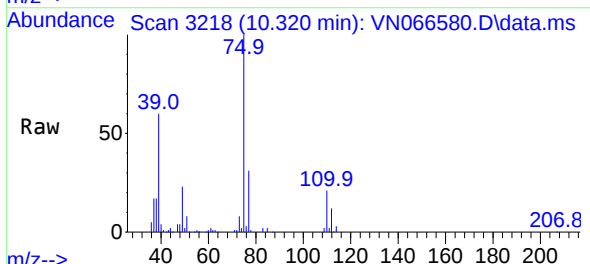
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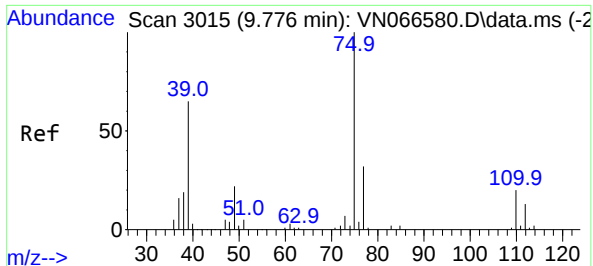
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#48
t-1,3-Dichloropropene
Concen: 22.12 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 75 Resp: 89808
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3





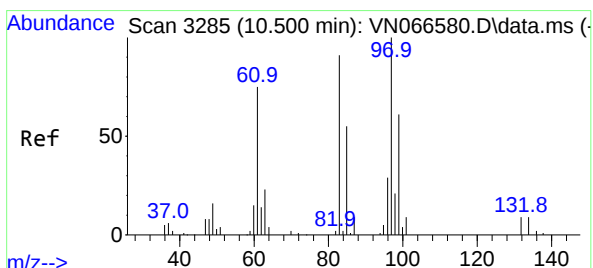
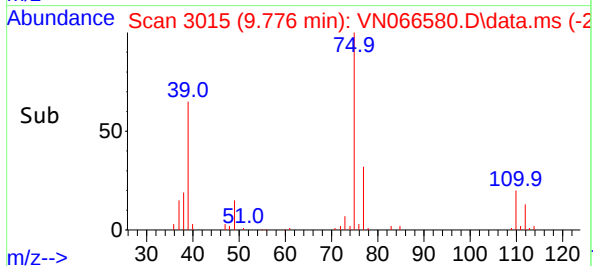
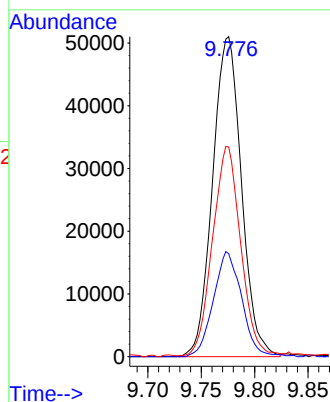
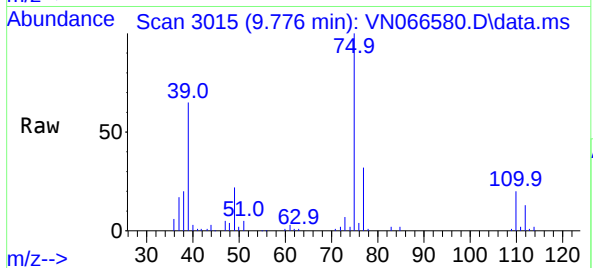
#49
cis-1,3-Dichloropropene
Concen: 21.97 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 75 Resp: 95842
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 65.2 46.8 70.2

Instrument :
MSVOA_N
ClientSampleId :
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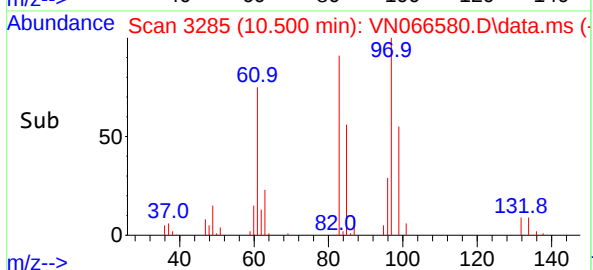
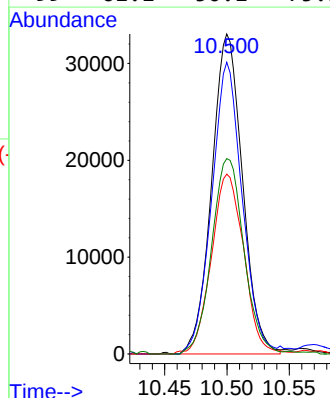
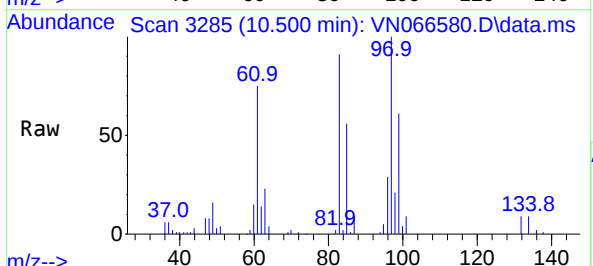
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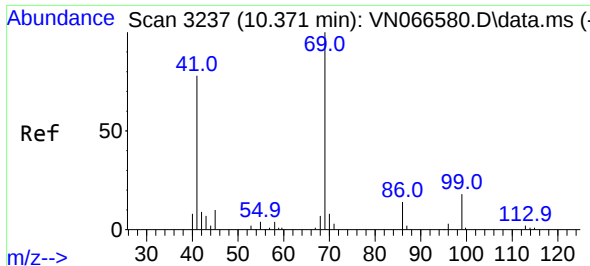
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#50
1,1,2-Trichloroethane
Concen: 22.45 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 97 Resp: 56724
Ion Ratio Lower Upper
97 100
83 91.2 68.8 103.2
85 55.3 44.8 67.2
99 61.1 50.1 75.1





#51
Ethyl methacrylate
Concen: 18.04 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

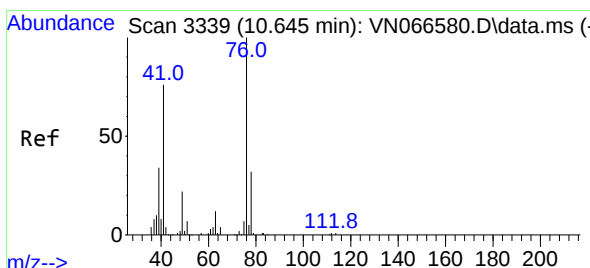
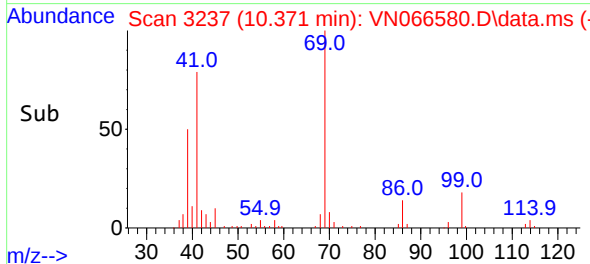
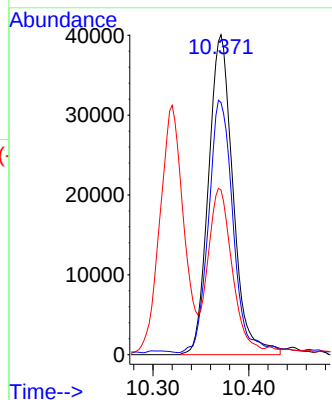
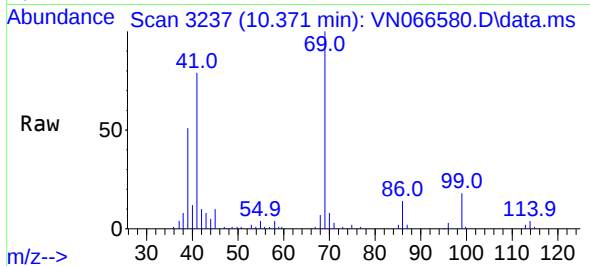
Tgt Ion: 69 Resp: 71354

Ion	Ratio	Lower	Upper
69	100		
41	78.1	34.8	104.5
39	49.7	22.5	67.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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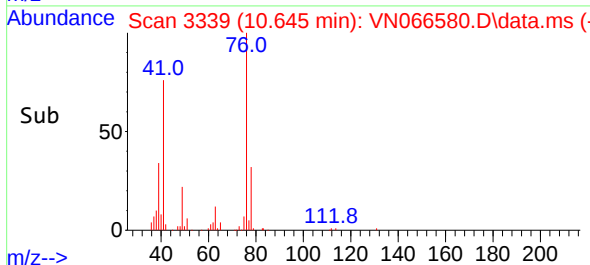
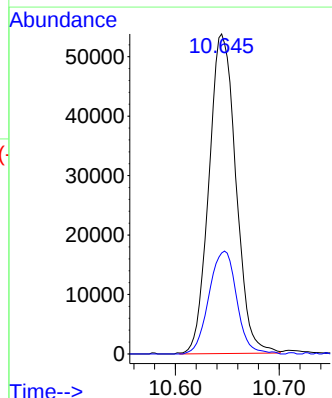
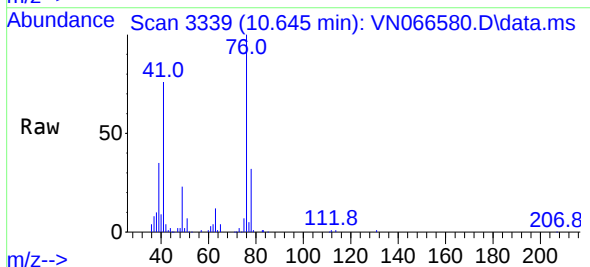
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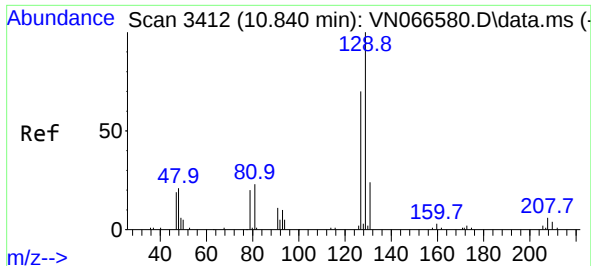


#52
1,3-Dichloropropane
Concen: 23.04 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 76 Resp: 97056

Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.6





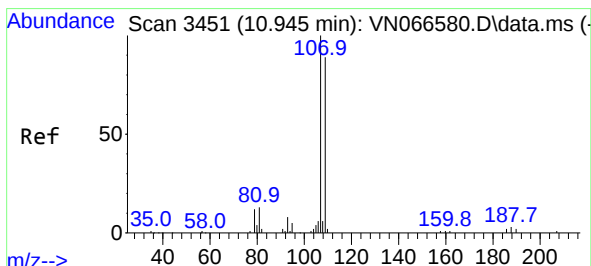
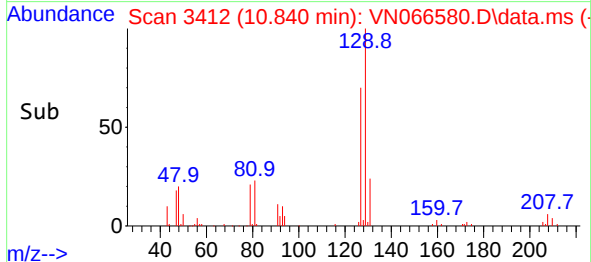
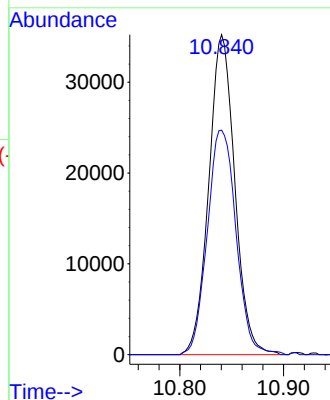
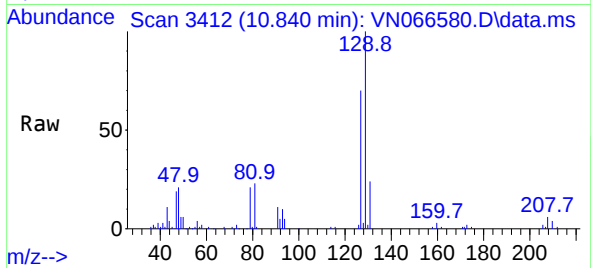
#53
Dibromochloromethane
Concen: 21.63 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:129 Resp: 61420
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
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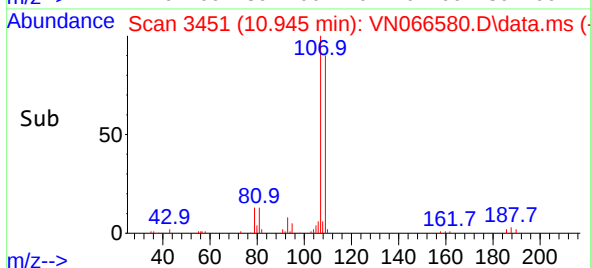
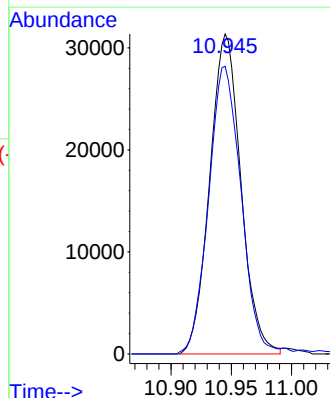
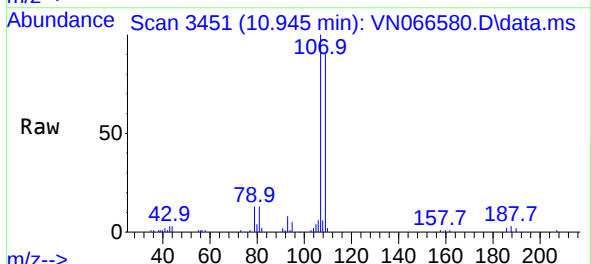
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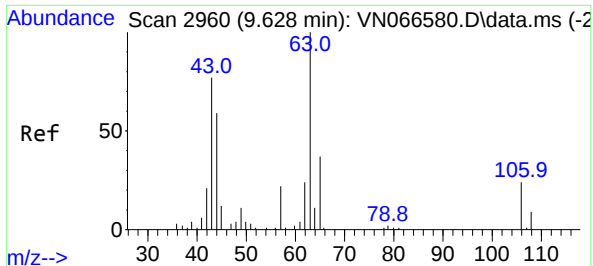
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#54
1,2-Dibromoethane
Concen: 21.68 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:107 Resp: 56371
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.6





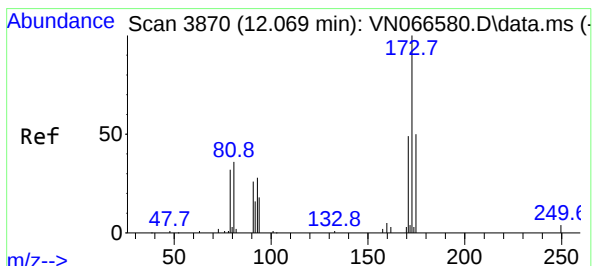
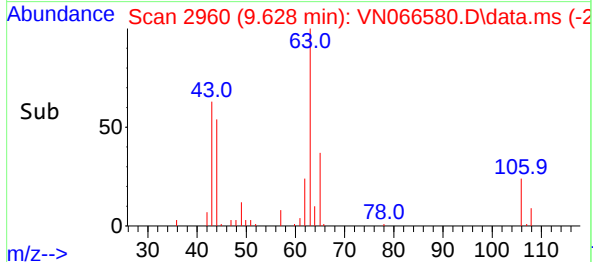
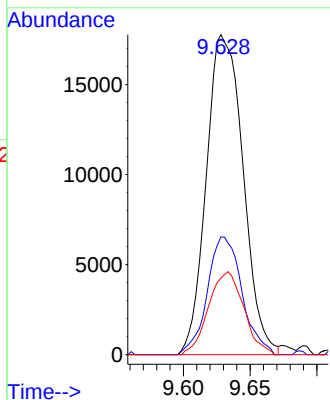
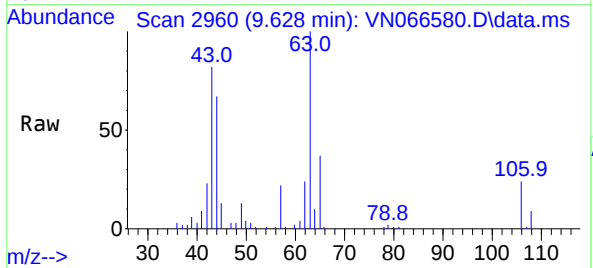
#55
2-Chloroethyl vinyl ether
Concen: 57.97 ug/l
RT: 9.628 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	63	Resp:	34086
Ion Ratio	Lower	Upper	
63	100		
65	34.6	26.0	39.0
106	24.8	20.6	31.0

Instrument :
MSVOA_N
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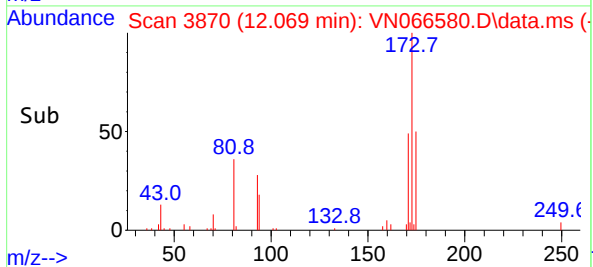
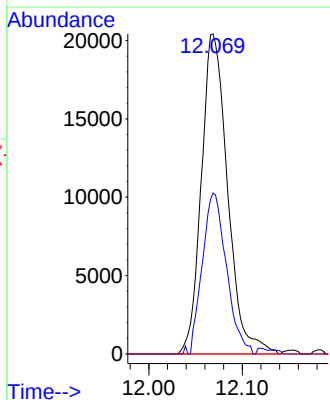
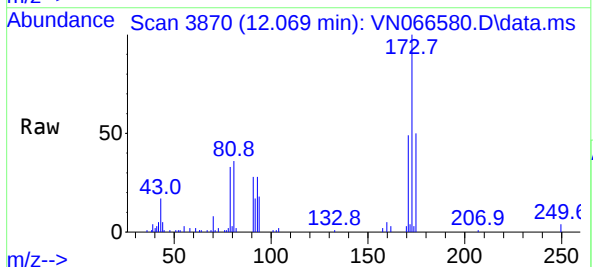
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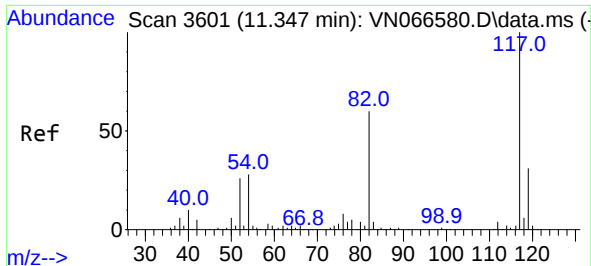
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#56
Bromoform
Concen: 19.17 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	173	Resp:	39924
Ion Ratio	Lower	Upper	
173	100		
175	45.9	38.3	57.5
254	0.0	0.0	0.0





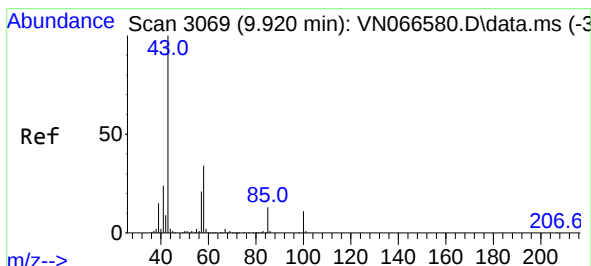
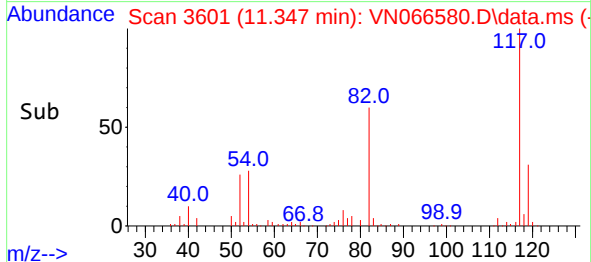
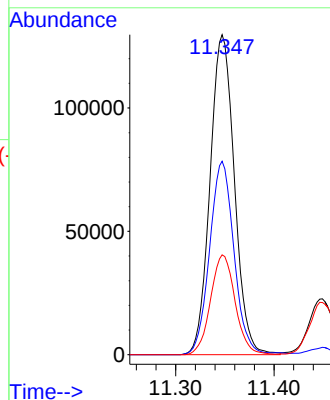
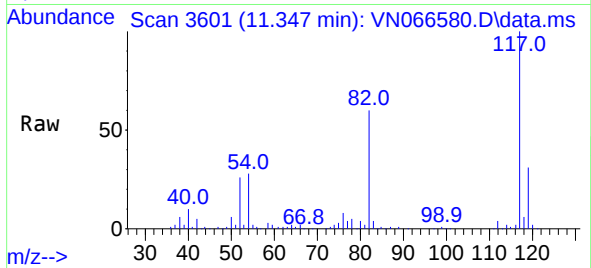
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 117 Resp: 223715
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.6
119 31.5 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

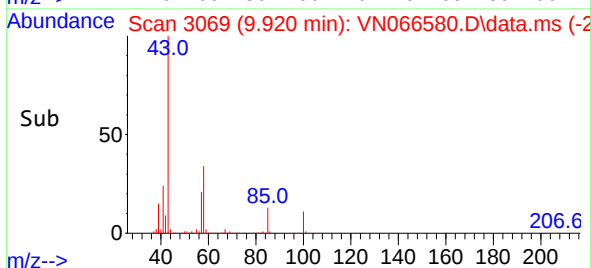
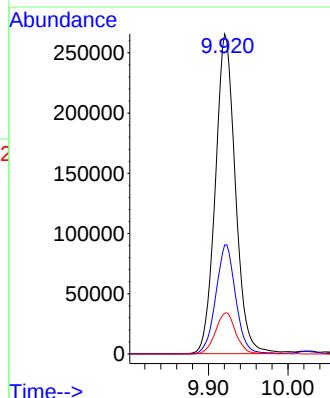
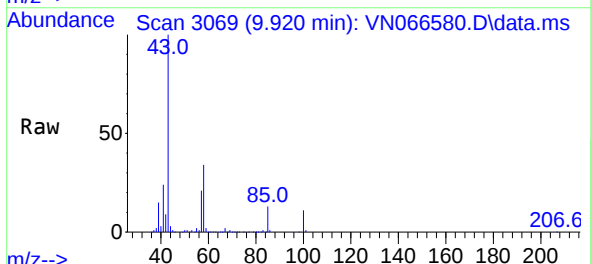
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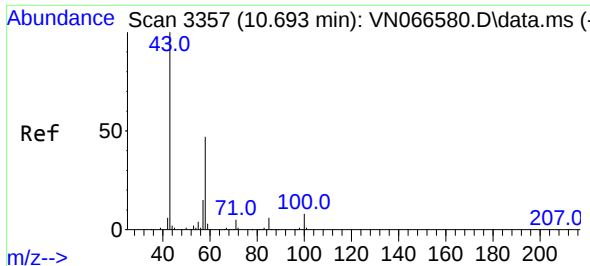
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#58
4-Methyl-2-Pentanone
Concen: 103.70 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

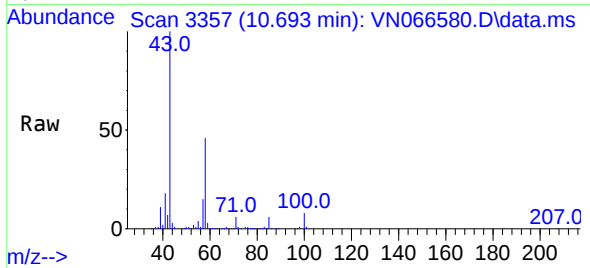
Tgt Ion: 43 Resp: 464801
Ion Ratio Lower Upper
43 100
58 34.0 30.4 45.6
85 13.1 13.8 20.8#





#59
2-Hexanone
Concen: 97.80 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

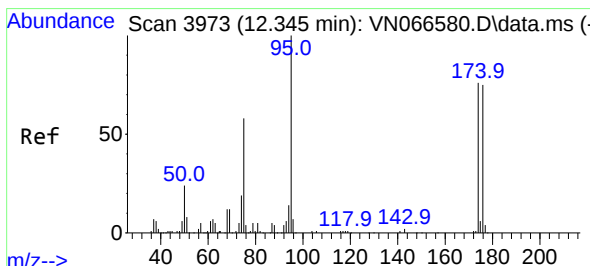
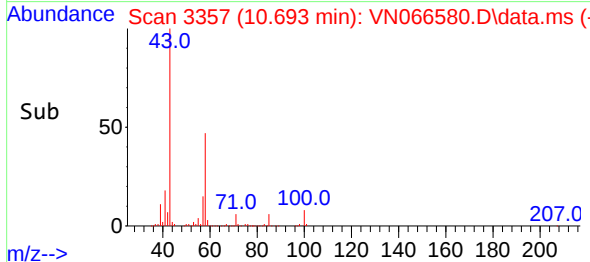
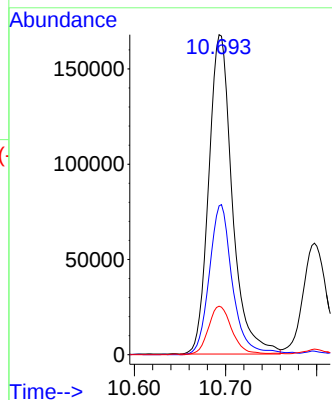
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 301655
Ion Ratio Lower Upper
43 100
58 45.4 41.8 62.6
57 15.2 14.9 22.3

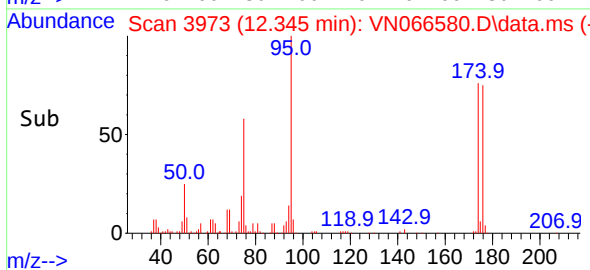
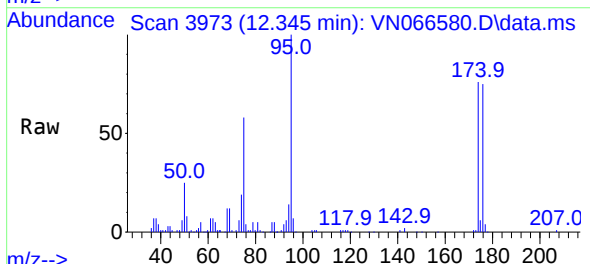
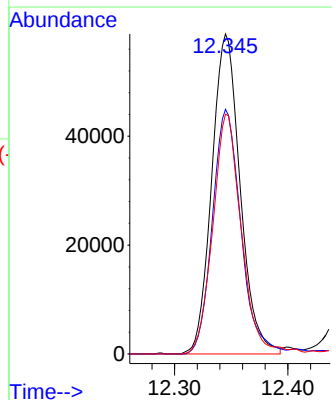
Manual Integrations
APPROVED

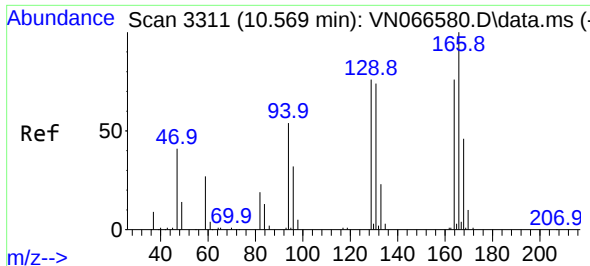
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#60
4-Bromofluorobenzene
Concen: 29.28 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

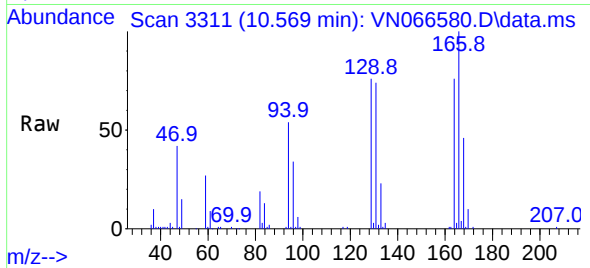
Tgt Ion: 95 Resp: 102218
Ion Ratio Lower Upper
95 100
174 76.6 68.1 102.1
176 74.0 65.4 98.0





#61
Tetrachloroethene
Concen: 15.47 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

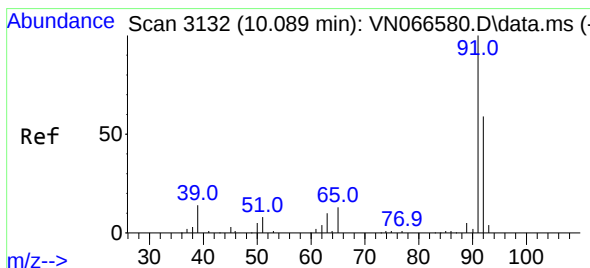
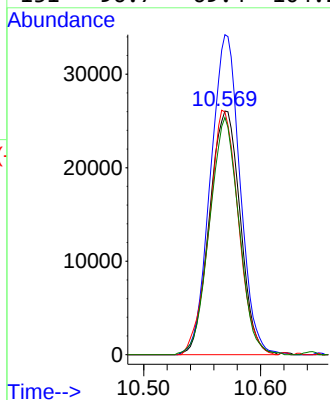
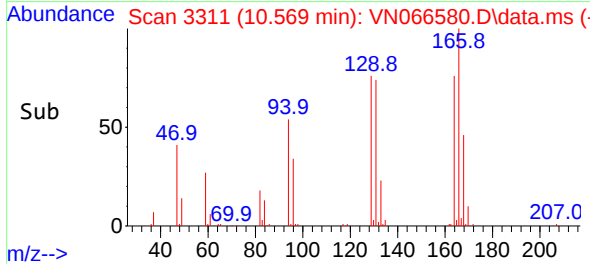
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



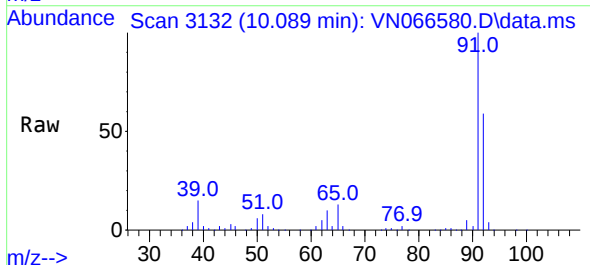
Tgt Ion:164 Resp: 47655
Ion Ratio Lower Upper
164 100
166 131.3 100.5 150.7
129 99.6 74.7 112.1
131 96.7 69.4 104.2

Manual Integrations
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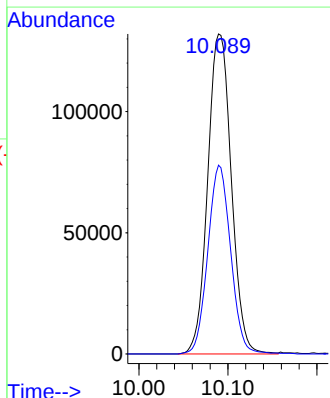
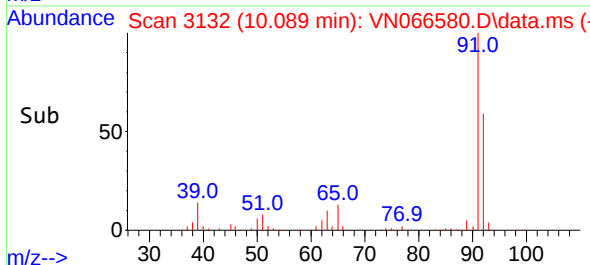
MMDadoda
4/14/2021 1:47:01 PM

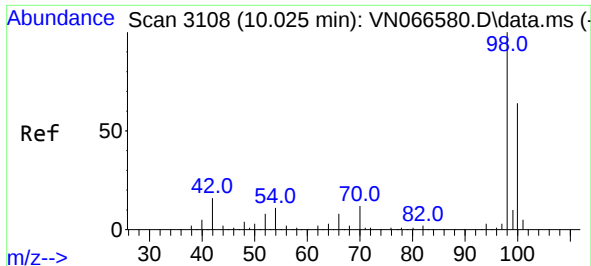


#62
Toluene
Concen: 19.66 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion: 91 Resp: 243507
Ion Ratio Lower Upper
91 100
92 56.9 46.2 69.2





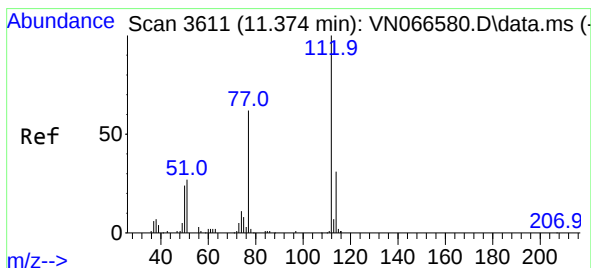
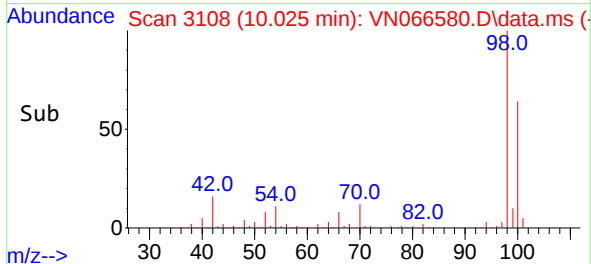
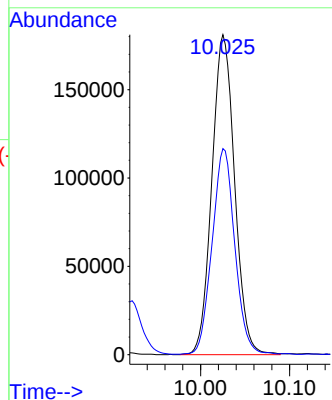
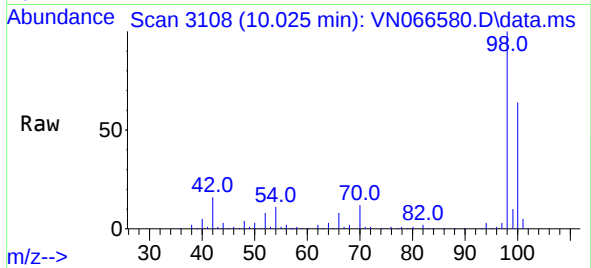
#63
Toluene-d8
Concen: 30.63 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 98 Resp: 321559
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

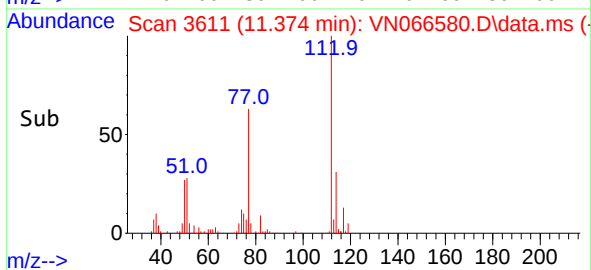
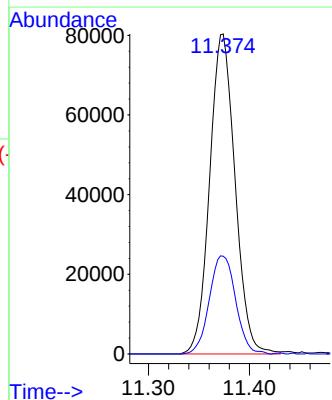
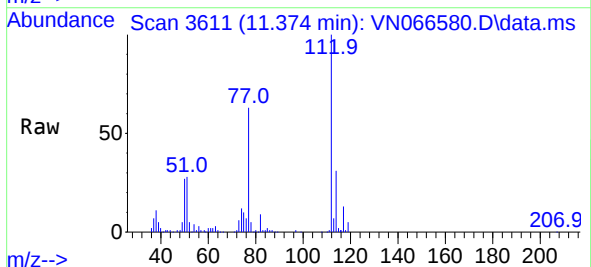
Manual Integrations
APPROVED

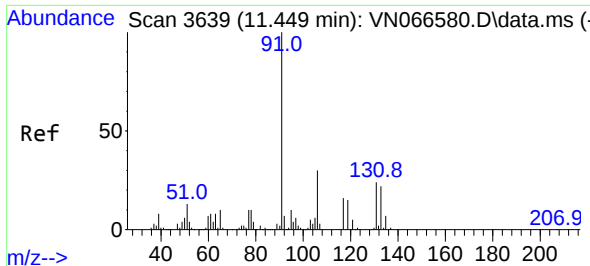
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4/14/2021 1:47:01 PM



#64
Chlorobenzene
Concen: 19.28 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

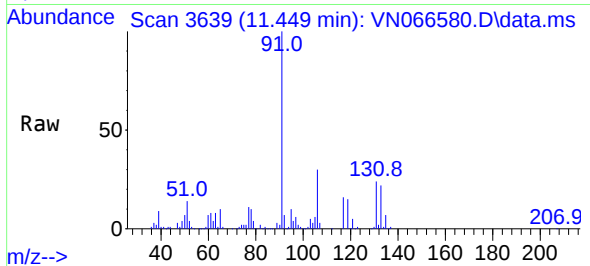
Tgt Ion: 112 Resp: 140299
Ion Ratio Lower Upper
112 100
114 30.6 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.10 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

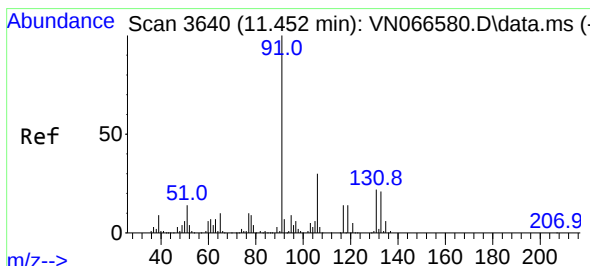
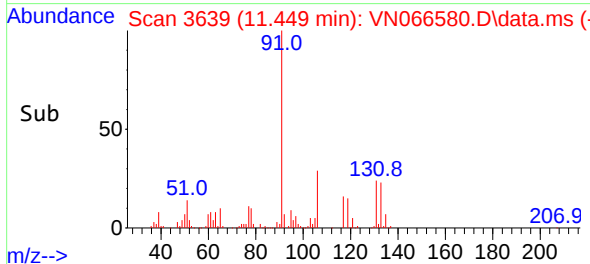
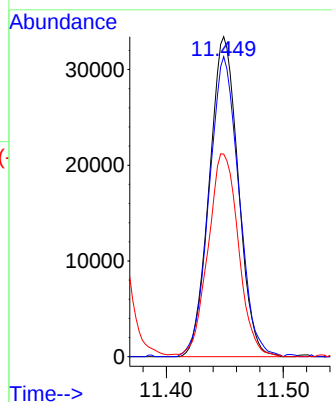
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 57373
Ion Ratio Lower Upper
131 100
133 96.4 0.0 188.4
119 66.8 0.0 134.4

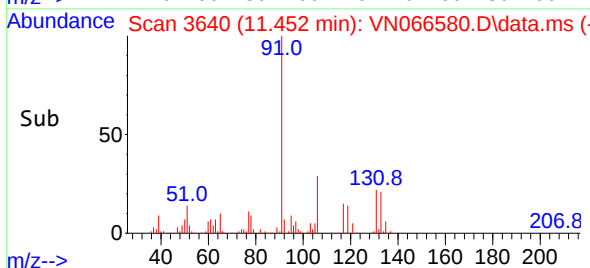
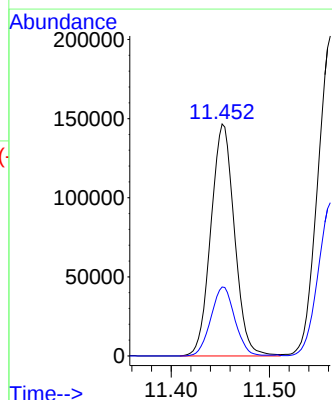
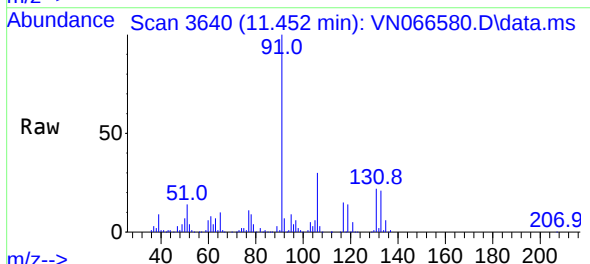
Manual Integrations
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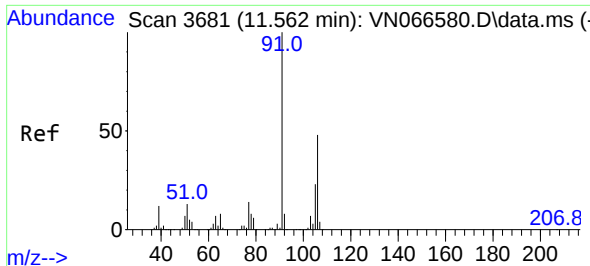
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#66
Ethyl Benzene
Concen: 18.32 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 91 Resp: 244446
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3





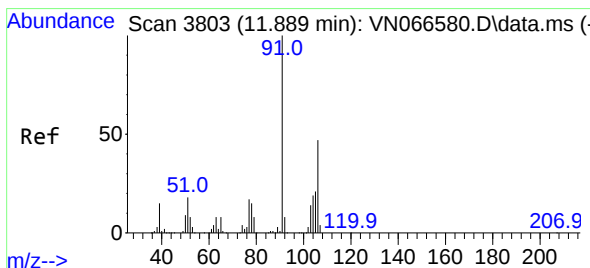
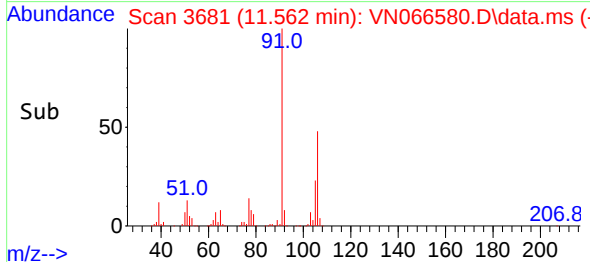
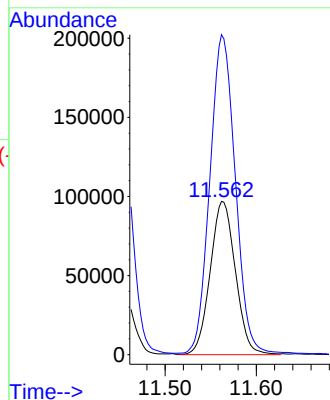
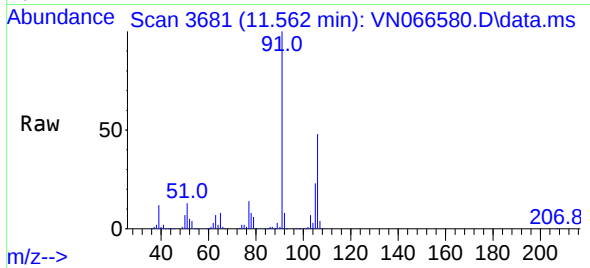
#67
m/p-Xylenes
Concen: 37.54 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:106 Resp: 186127
Ion Ratio Lower Upper
106 100
91 212.2 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

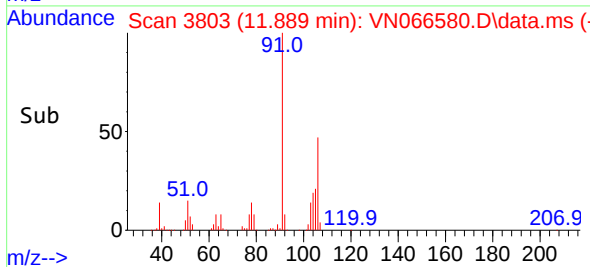
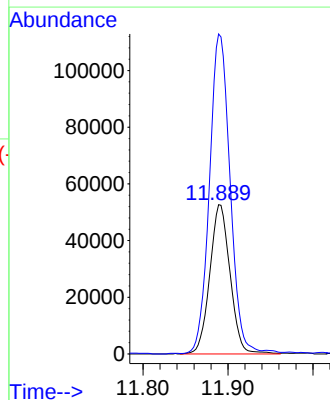
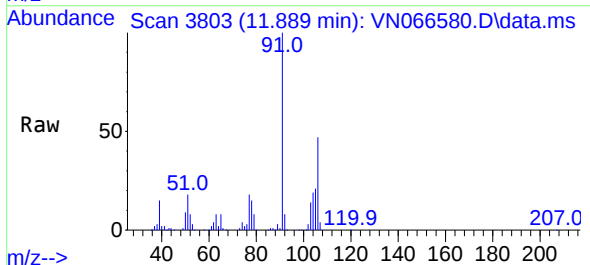
Manual Integrations
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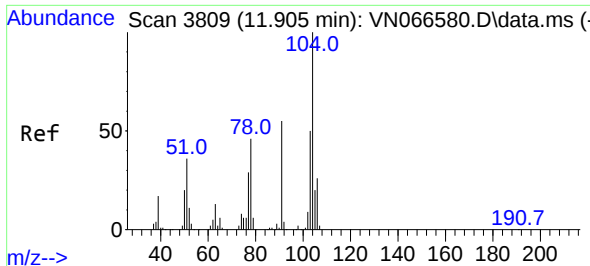
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#68
o-Xylene
Concen: 17.85 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

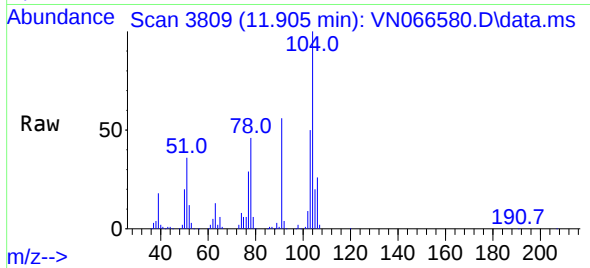
Tgt Ion:106 Resp: 87333
Ion Ratio Lower Upper
106 100
91 216.8 107.1 321.4





#69
Styrene
Concen: 18.46 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

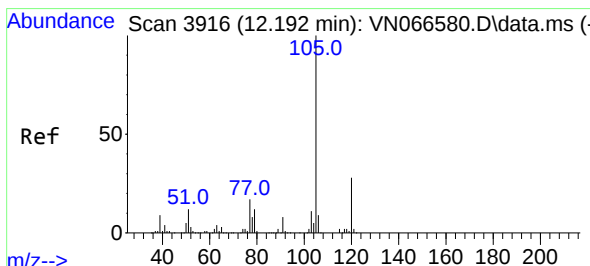
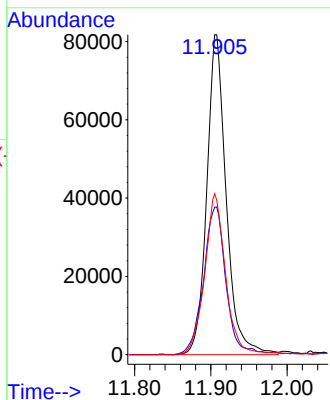
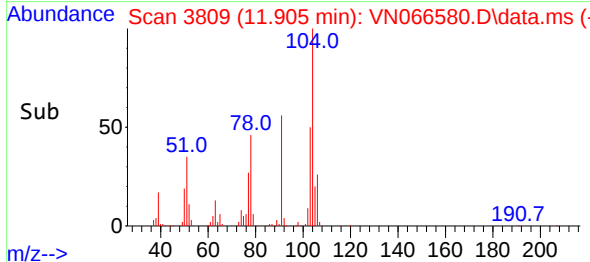
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



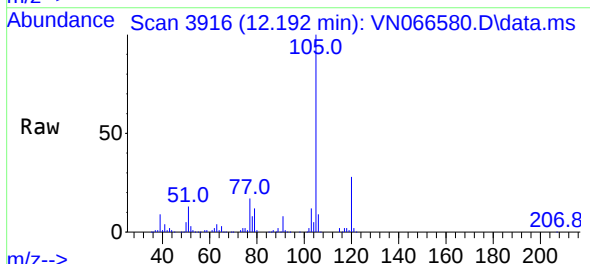
Tgt Ion:104 Resp: 144744
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.6
103 54.2 43.7 65.5

Manual Integrations
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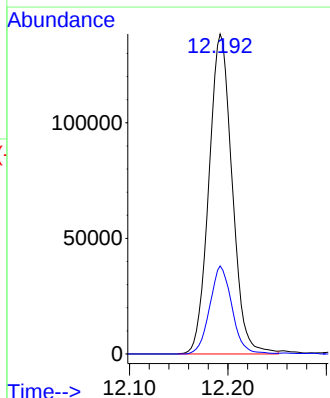
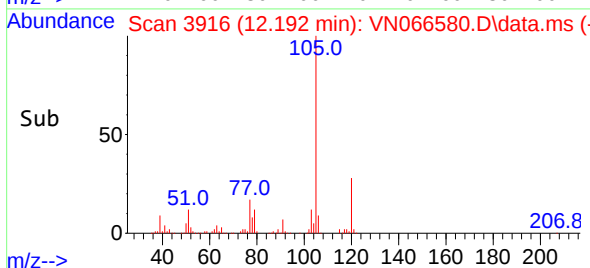
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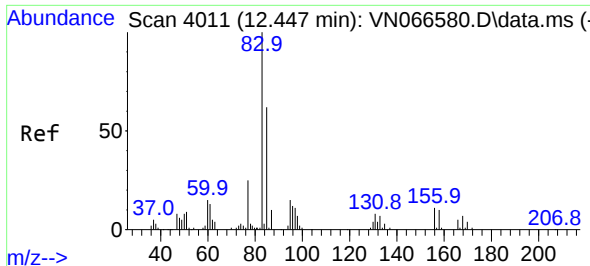


#70
Isopropylbenzene
Concen: 17.65 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



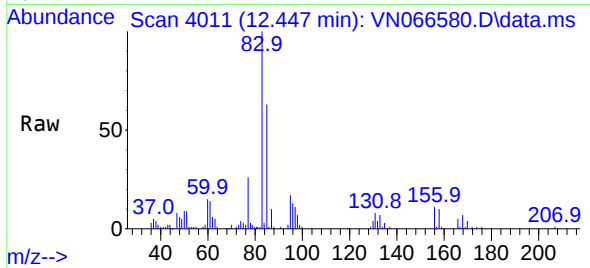
Tgt Ion:105 Resp: 227296
Ion Ratio Lower Upper
105 100
120 26.2 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.30 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

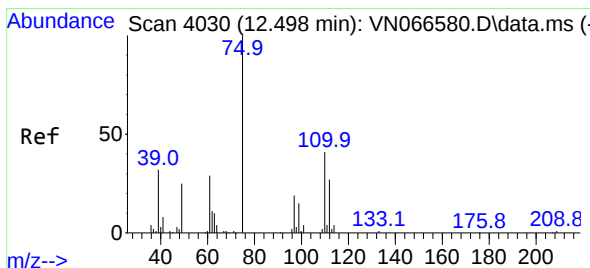
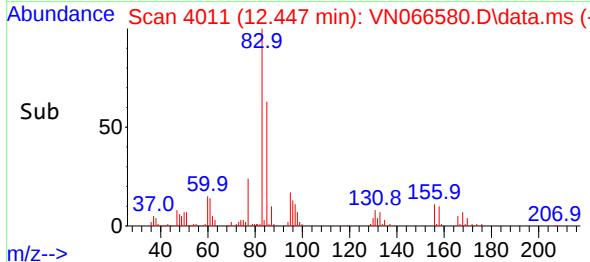
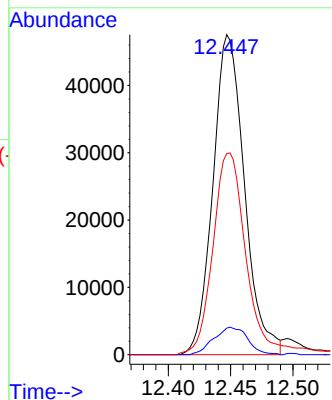
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



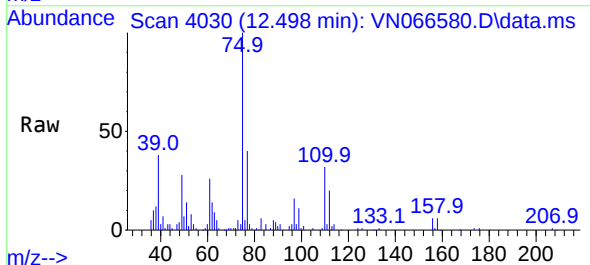
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.6
85	65.5	31.4	94.2

Manual Integrations
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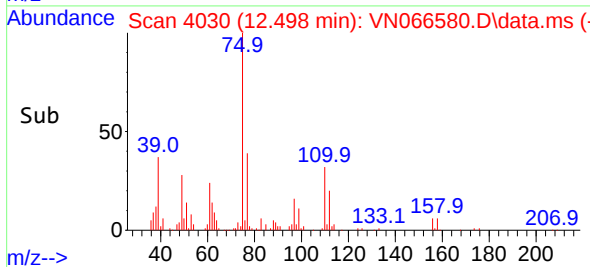
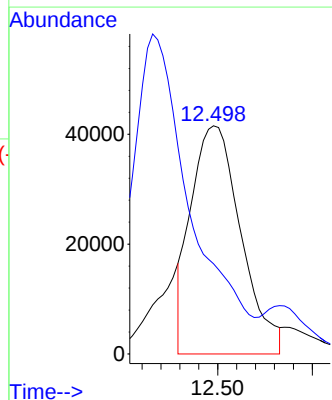
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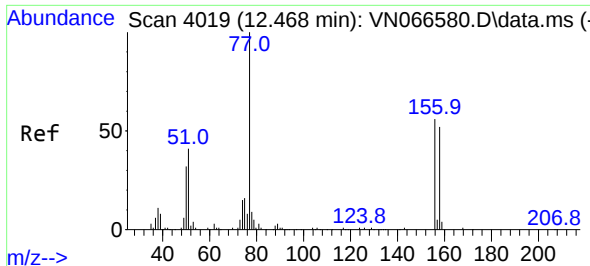


#72
1,2,3-Trichloropropane
Concen: 19.10 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



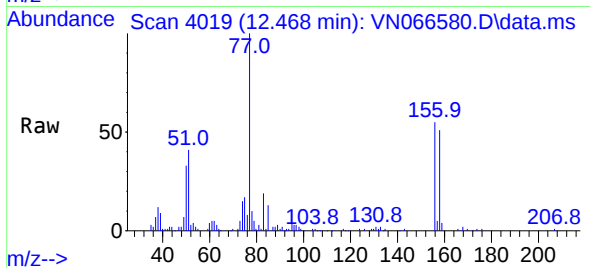
Tgt Ion	Ratio	Lower	Upper
75	100		
77	165.6	0.0	310.8





#73
Bromobenzene
Concen: 17.62 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

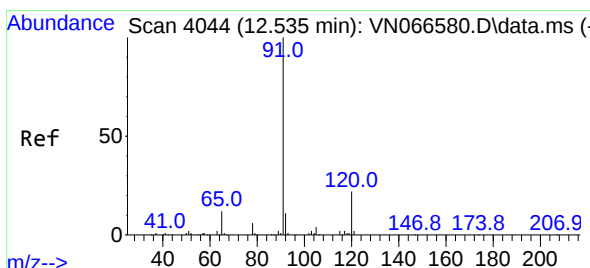
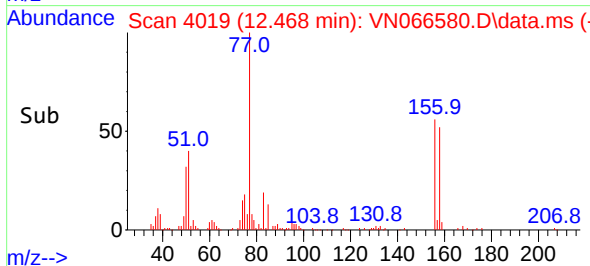
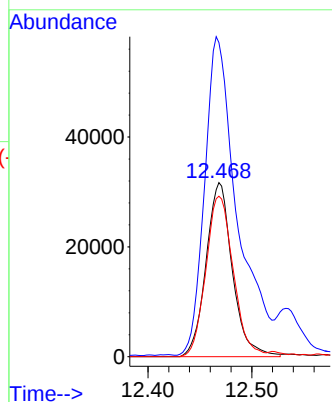
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



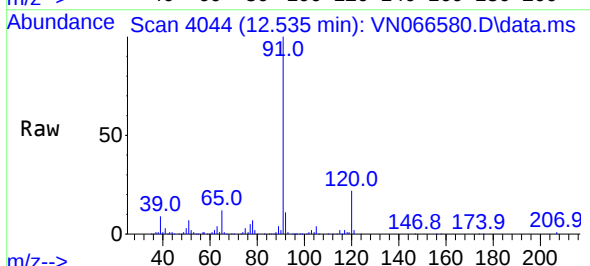
Tgt Ion:156 Resp: 55909
Ion Ratio Lower Upper
156 100
77 225.2 0.0 399.6
158 95.8 0.0 192.8

Manual Integrations
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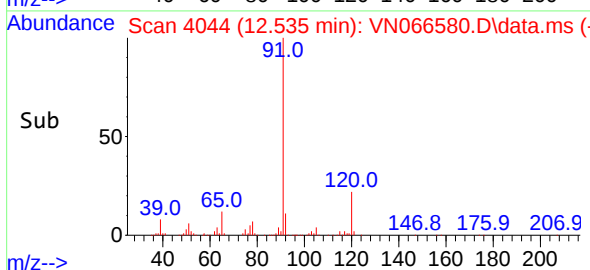
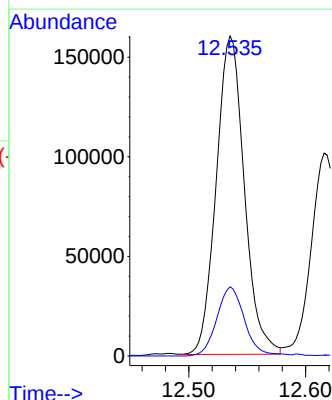
MMDadoda
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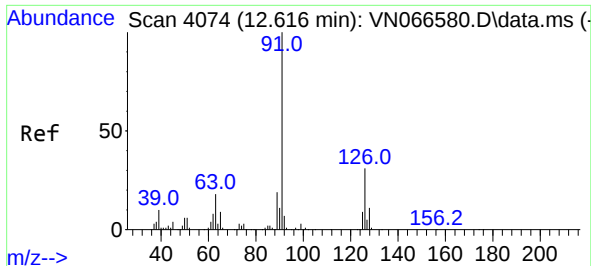


#74
n-propylbenzene
Concen: 18.75 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion: 91 Resp: 266933
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.2





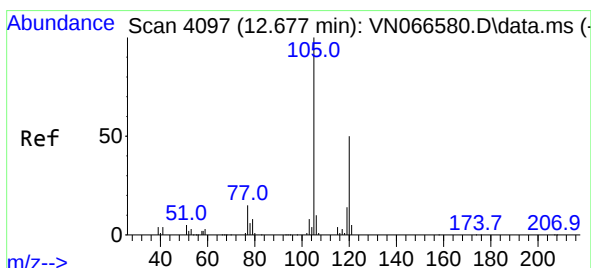
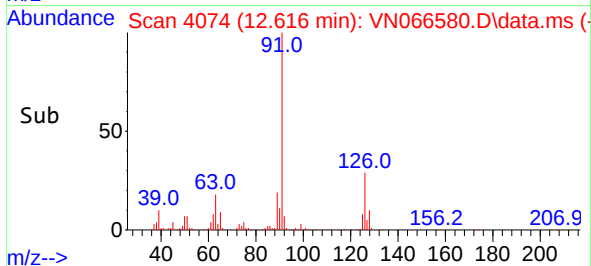
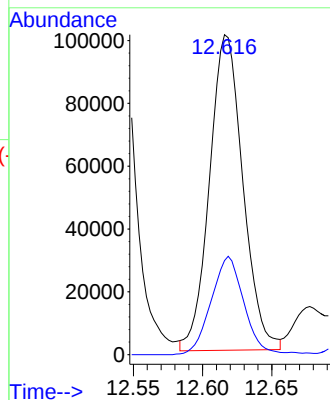
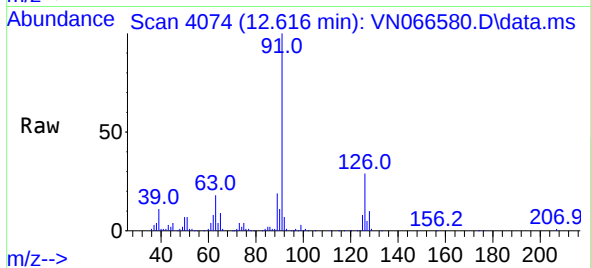
#75
2-Chlorotoluene
Concen: 19.55 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion: 91 Resp: 168467
Ion Ratio Lower Upper
91 100
126 30.4 0.0 68.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

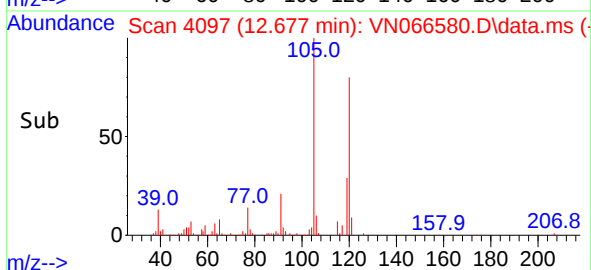
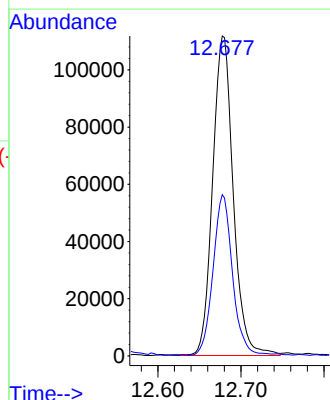
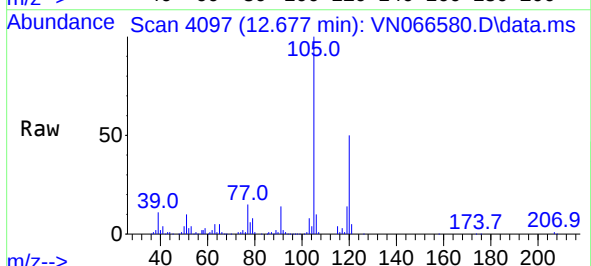
Manual Integrations
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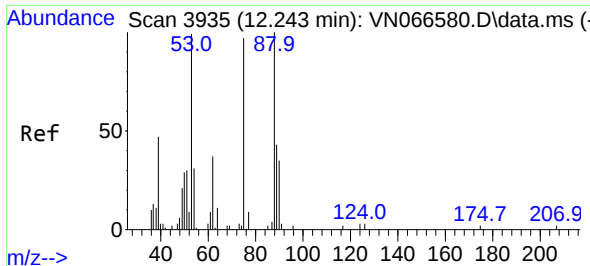
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4/14/2021 1:47:01 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.16 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

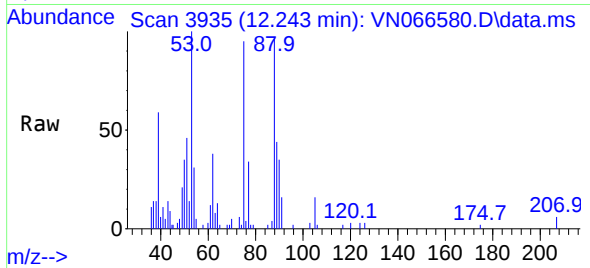
Tgt Ion:105 Resp: 192407
Ion Ratio Lower Upper
105 100
120 47.2 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 14.99 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

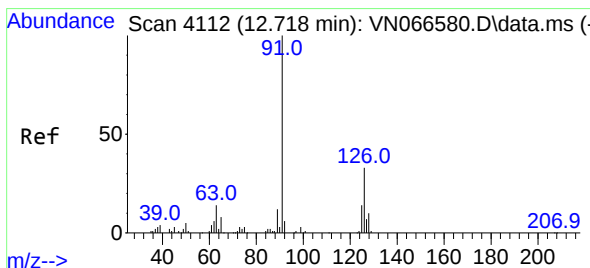
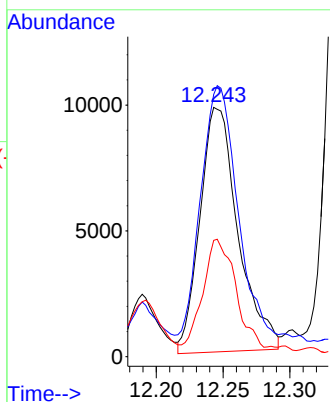


Tgt Ion: 75 Resp: 19352

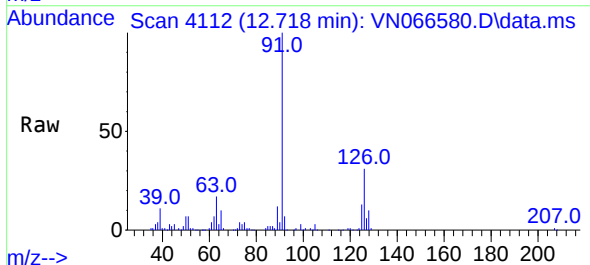
Ion	Ratio	Lower	Upper
75	100		
53	102.3	49.6	149.0
89	45.5	22.9	68.7

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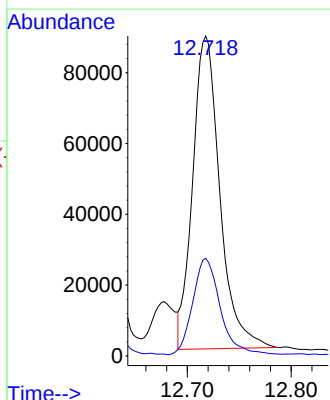
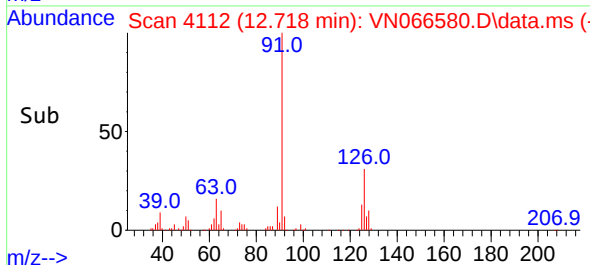


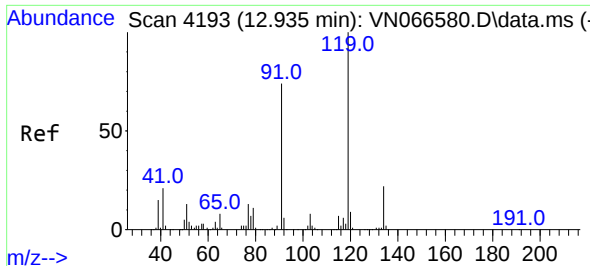
#78
4-Chlorotoluene
Concen: 19.01 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion: 91 Resp: 160654

Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	65.4





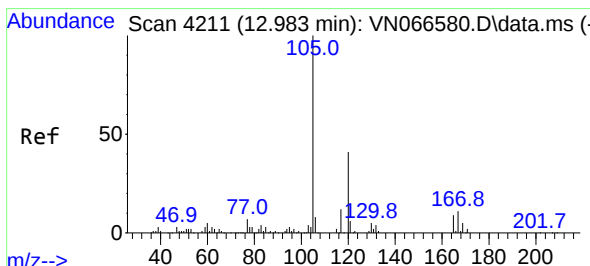
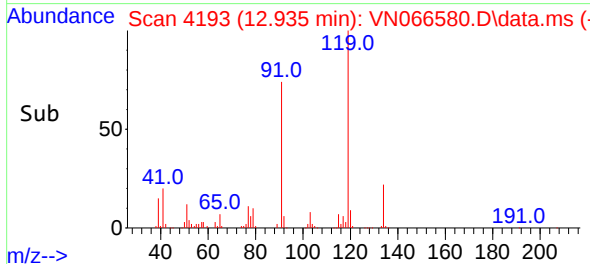
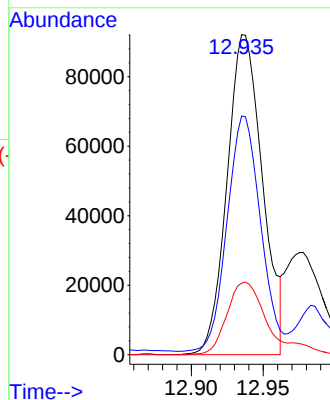
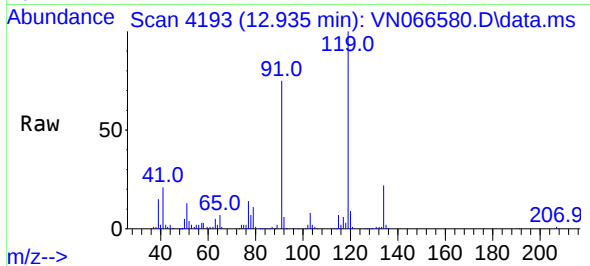
#79
tert-butylbenzene
Concen: 17.15 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

Tgt Ion:	119	Resp:	157992
Ion Ratio	Lower	Upper	
119	100		
91	69.2	0.0	133.4
134	23.9	0.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

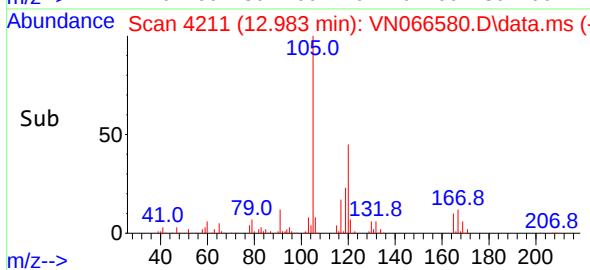
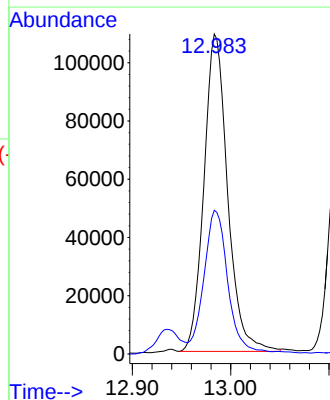
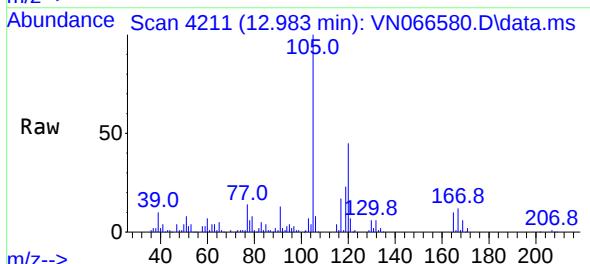
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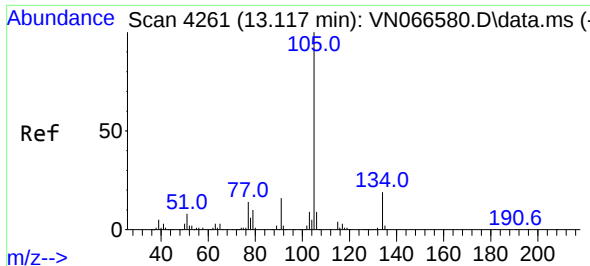
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#80
1,2,4-Trimethylbenzene
Concen: 17.75 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

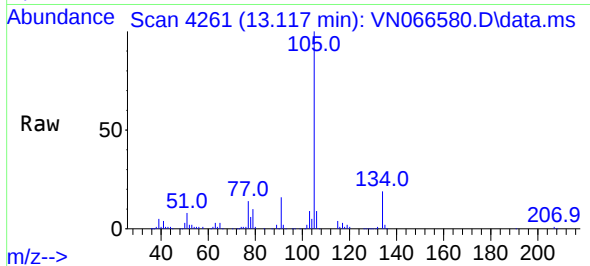
Tgt Ion:	105	Resp:	182480
Ion Ratio	Lower	Upper	
105	100		
120	44.3	0.0	90.6





#81
 sec-Butylbenzene
 Concen: 18.01 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066580.D
 Acq: 13 Apr 2021 15:18

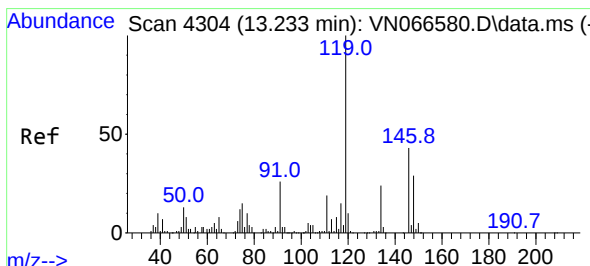
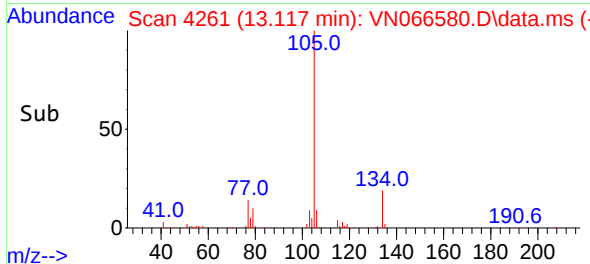
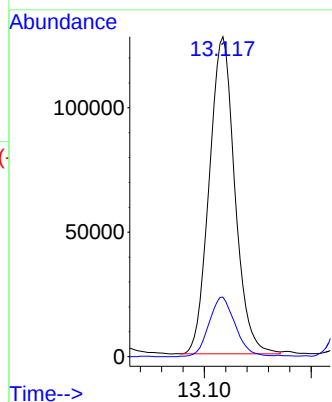
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:105 Resp: 211857
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 40.0

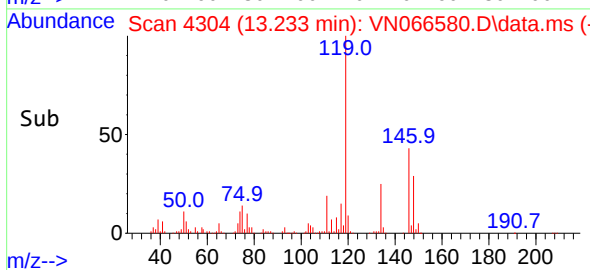
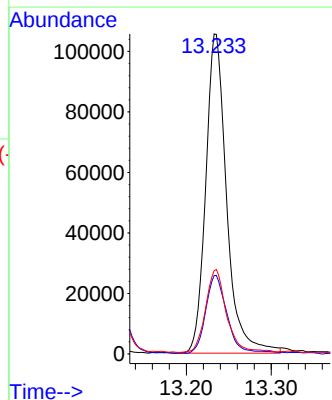
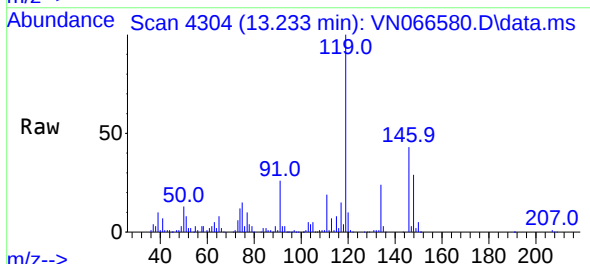
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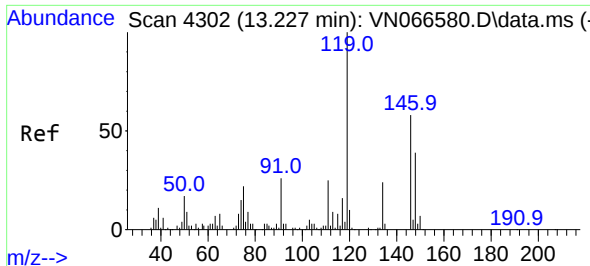
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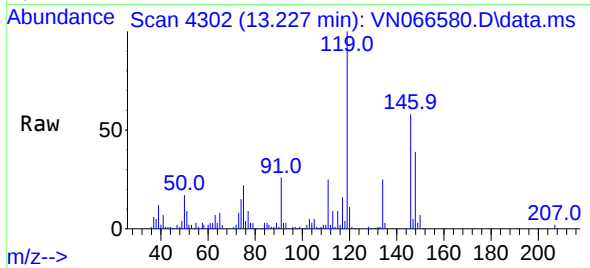
#82
 p-Isopropyltoluene
 Concen: 17.40 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066580.D
 Acq: 13 Apr 2021 15:18

Tgt Ion:119 Resp: 180194
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 53.4
 91 25.6 0.0 47.6

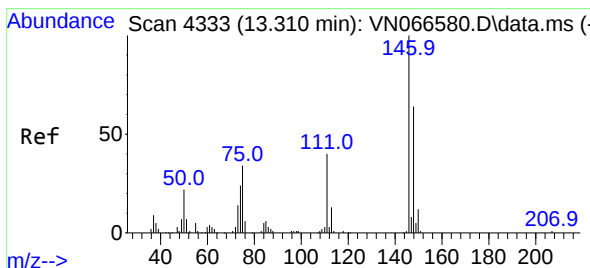
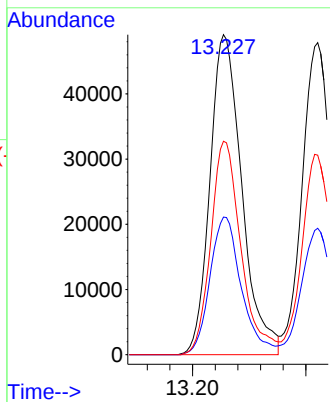
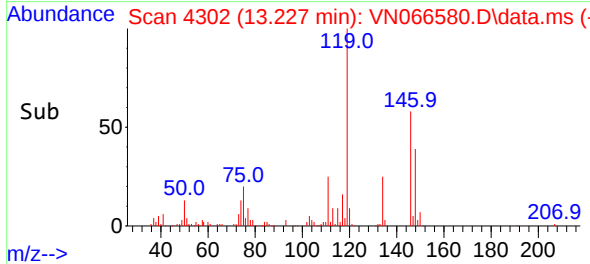




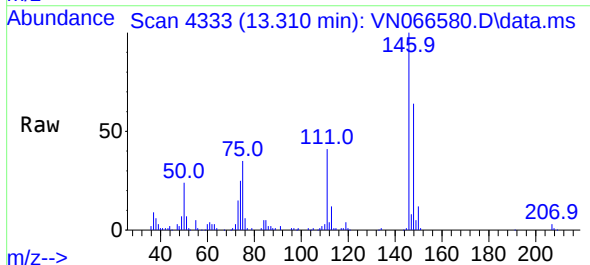
#83
1,3-Dichlorobenzene
Concen: 18.45 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



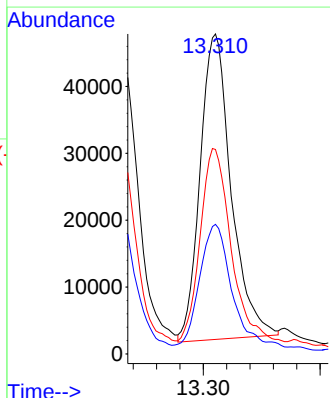
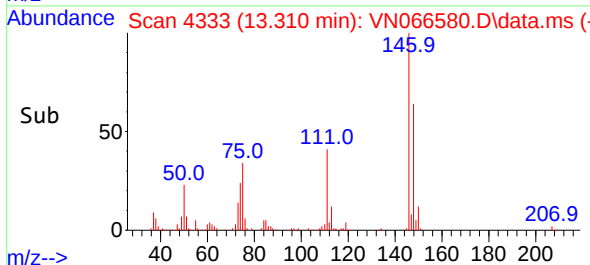
Tgt Ion:146 Resp: 96019
Ion Ratio Lower Upper
146 100
111 42.3 19.3 57.9
148 63.3 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 16.64 ug/l
RT: 13.310 min Scan# 4333
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



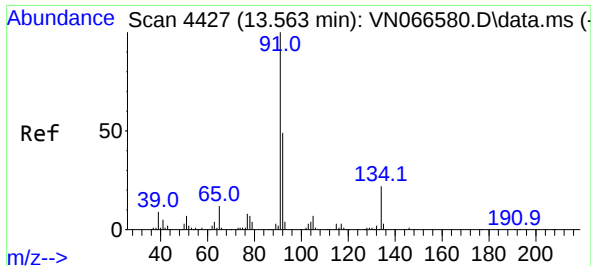
Tgt Ion:146 Resp: 84286
Ion Ratio Lower Upper
146 100
111 39.5 18.4 55.0
148 65.5 31.9 95.5



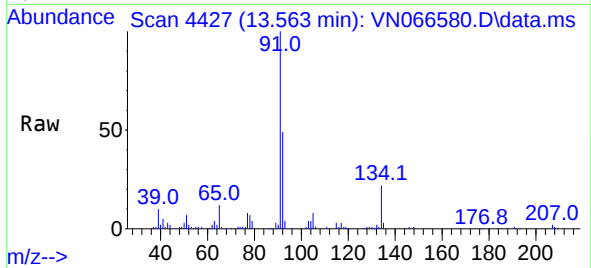
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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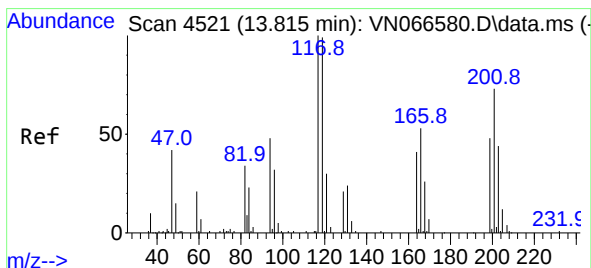
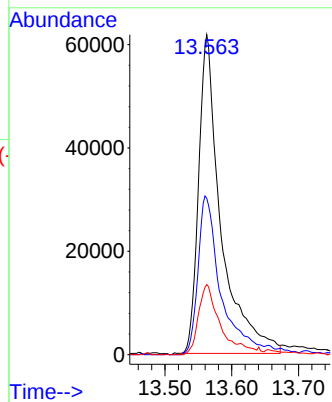
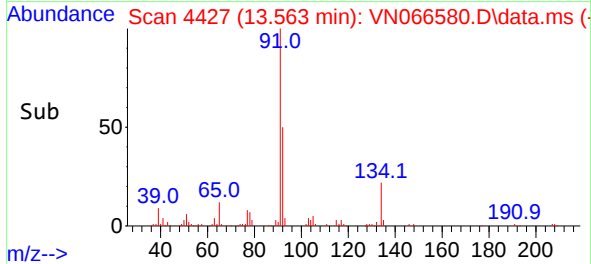
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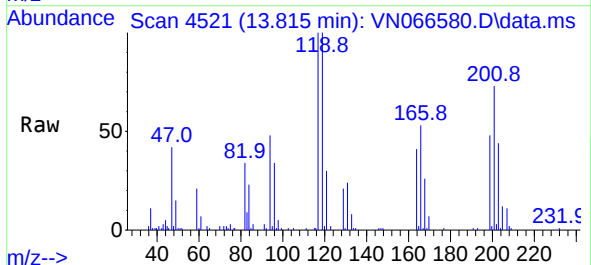
#85
n-Butylbenzene
Concen: 16.98 ug/l
RT: 13.563 min Scan# 4427
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



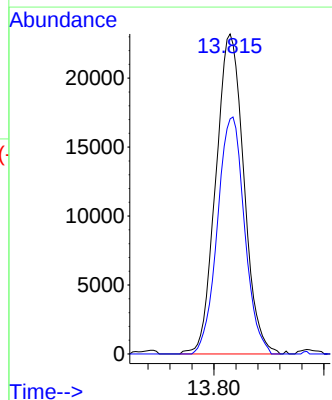
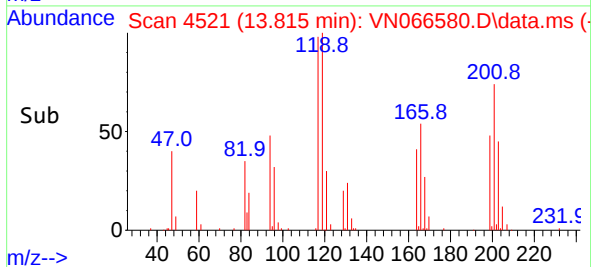
Tgt Ion: 91 Resp: 143500
Ion Ratio Lower Upper
91 100
92 50.2 0.0 102.6
134 19.7 0.0 49.0



#86
Hexachloroethane
Concen: 21.48 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



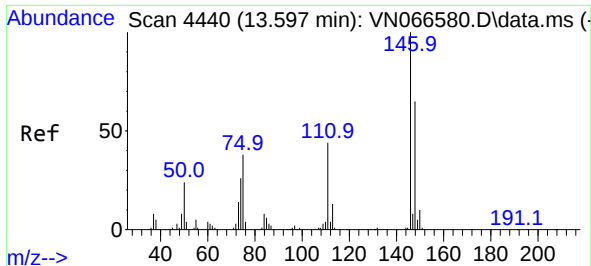
Tgt Ion: 117 Resp: 41077
Ion Ratio Lower Upper
117 100
201 71.6 43.3 129.8



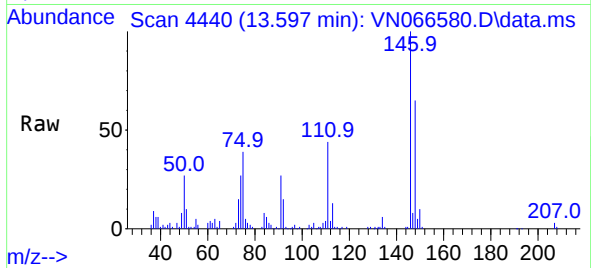
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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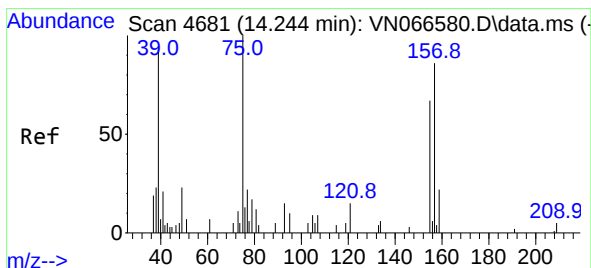
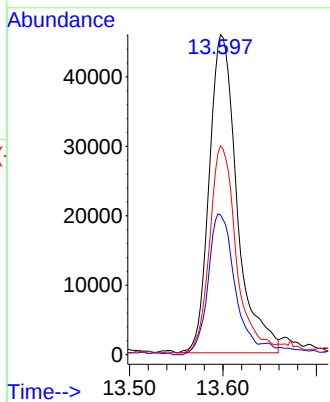
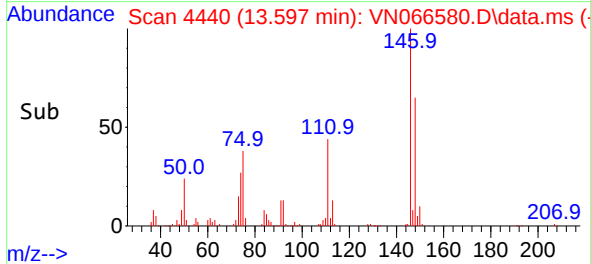
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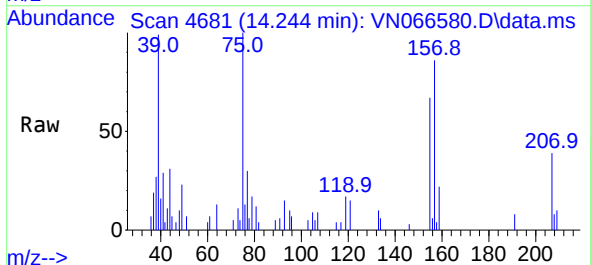
#87
1,2-Dichlorobenzene
Concen: 18.41 ug/l
RT: 13.597 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



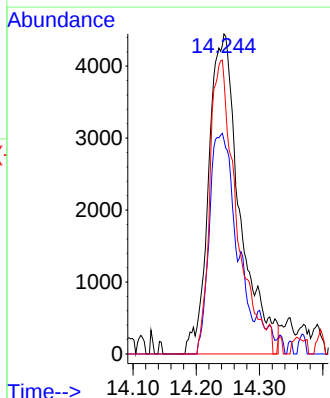
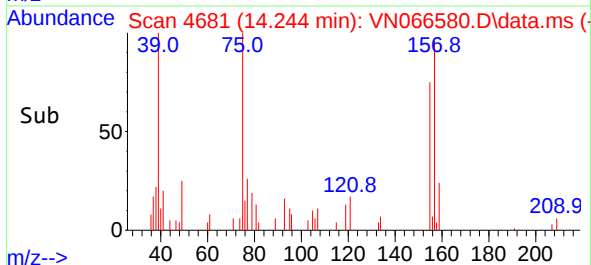
Tgt Ion: 146 Resp: 94810
Ion Ratio Lower Upper
146 100
111 42.1 20.3 60.9
148 61.0 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.19 ug/l m
RT: 14.244 min Scan# 4681
Delta R.T. 0.011 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



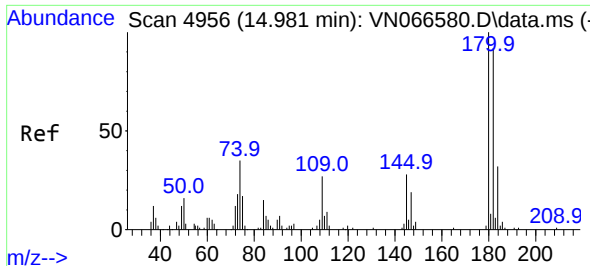
Tgt Ion: 75 Resp: 15305
Ion Ratio Lower Upper
75 100
155 22.7 68.3 102.5#
157 75.1 87.8 131.6#



Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

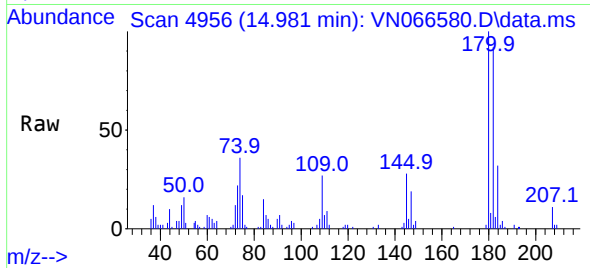
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#89
1,2,4-Trichlorobenzene
Concen: 15.26 ug/l
RT: 14.981 min Scan# 4956
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

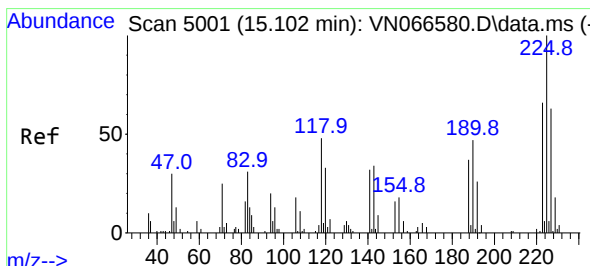
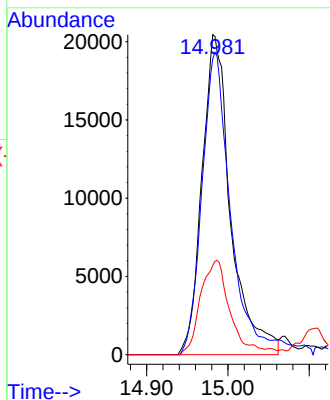
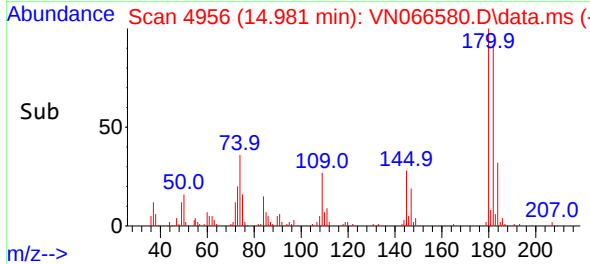
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020



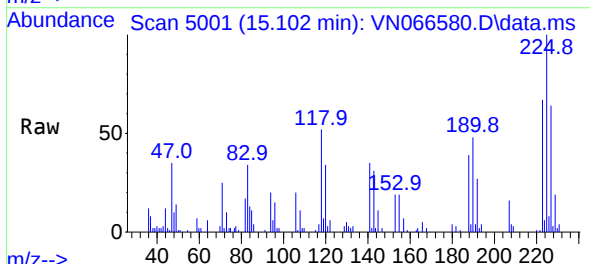
Tgt Ion:180 Resp: 50137
Ion Ratio Lower Upper
180 100
182 92.7 74.3 111.5
145 28.9 23.4 35.0

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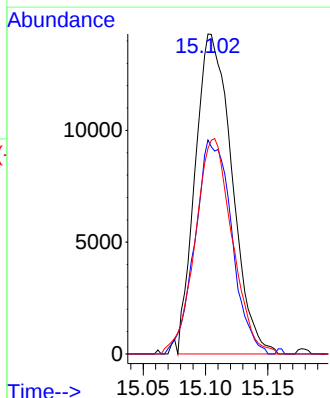
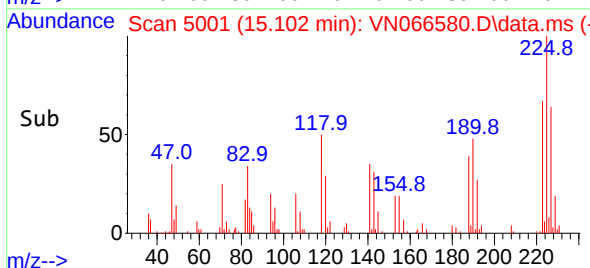
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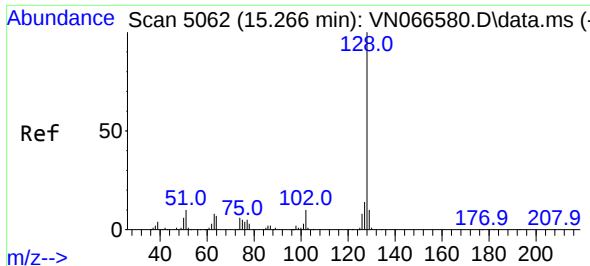


#90
Hexachlorobutadiene
Concen: 16.45 ug/l
RT: 15.102 min Scan# 5001
Delta R.T. -0.006 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



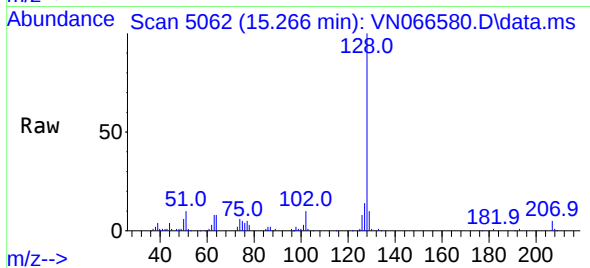
Tgt Ion:225 Resp: 29293
Ion Ratio Lower Upper
225 100
223 66.8 0.0 124.6
227 67.9 0.0 126.6





#91
Naphthalene
Concen: 12.54 ug/l
RT: 15.266 min Scan# 5062
Delta R.T. -0.000 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18

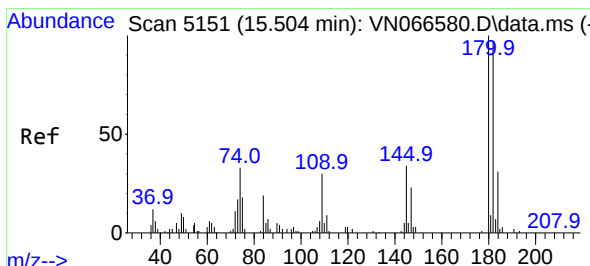
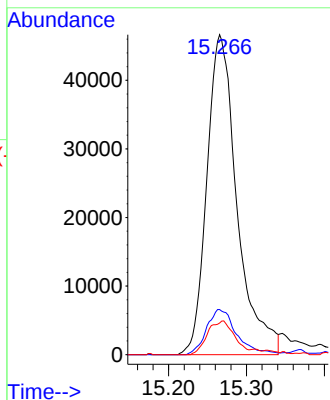
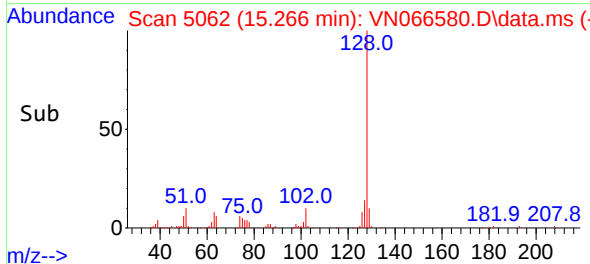
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



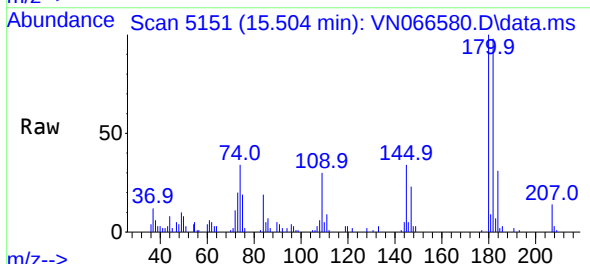
Tgt Ion:128 Resp: 125443
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 9.5 8.6 13.0

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#92
1,2,3-Trichlorobenzene
Concen: 15.38 ug/l
RT: 15.504 min Scan# 5151
Delta R.T. 0.003 min
Lab File: VN066580.D
Acq: 13 Apr 2021 15:18



Tgt Ion:180 Resp: 49480
Ion Ratio Lower Upper
180 100
182 90.9 0.0 190.0
145 32.7 0.0 60.8

