

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066573.D
 Acq On : 13 Apr 2021 12:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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4/23/2021 2:17:10 PM

Quant Time: Apr 13 13:51:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 13:47:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.096	128	48528	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.510	114	224149	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	218939	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	136412	35.42	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	118.07%#		
60) 4-Bromofluorobenzene	12.345	95	88122	25.65	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.50%		
63) Toluene-d8	10.025	98	323114	31.03	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.43%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	15115	5.46	ug/l	92
3) Chloromethane	2.014	50	25114	7.10	ug/l	92
4) Vinyl Chloride	2.140	62	21330	5.88	ug/l	96
5) Bromomethane	2.505	94	14322	5.65	ug/l	98
6) Chloroethane	2.642	64	15765	6.74	ug/l	97
7) Trichlorofluoromethane	2.955	101	32477	6.21	ug/l	94
8) Diethyl Ether	3.339	74	12732	7.14	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.669	101	18338m	7.09	ug/l	
10) 1,1-Dichloroethene	3.655	96	15407	6.04	ug/l	85
11) Methyl Iodide	3.865	142	19854m	5.55	ug/l	
12) Methyl Acetate	4.229	43	32419	7.83	ug/l	91
13) Acrolein	3.524	56	18934	57.12	ug/l	93
14) Acrylonitrile	4.873	53	36224	23.33	ug/l #	61
15) Acetone	3.738	58	20341	41.30	ug/l	84
16) Carbon Disulfide	3.956	76	52726	7.16	ug/l	99
17) Allyl chloride	4.219	41	38505	7.91	ug/l	93
18) Methylene Chloride	4.438	84	18255m	6.18	ug/l	
19) trans-1,2-Dichloroethene	4.924	96	14500	5.36	ug/l	86
20) Diisopropyl ether	5.855	45	57504	5.77	ug/l #	94
21) 1,1-Dichloroethane	5.729	63	34302m	6.39	ug/l	
22) cis-1,2-Dichloroethene	6.729	96	16294	5.14	ug/l	89
23) tert-Butyl Alcohol	4.699	59	13154m	21.85	ug/l	
24) Methyl tert-Butyl Ether	4.932	73	43274	4.72	ug/l #	59
25) Chloroform	7.279	83	34626	6.44	ug/l	95
26) Cyclohexane	7.558	56	21511	4.65	ug/l #	99
29) 1,1-Dichloropropene	7.702	75	19390	5.68	ug/l	93
30) 2-Butanone	6.742	43	58259	29.44	ug/l #	74
31) 2,2-Dichloropropane	6.715	77	29212	6.90	ug/l #	73
32) 1,1,1-Trichloroethane	7.480	97	27425m	6.54	ug/l	
33) Carbon Tetrachloride	7.686	117	23114	6.52	ug/l	97
34) Benzene	7.957	78	65367	6.29	ug/l #	52
35) Methacrylonitrile	7.069	41	10471m	6.13	ug/l	
36) 1,2-Dichloroethane	8.040	62	28955	7.48	ug/l	99
37) Trichloroethene	8.762	130	15712	5.97	ug/l	99
38) Methylcyclohexane	9.006	83	18973	4.71	ug/l	76
39) 1,2-Dichloropropane	9.043	63	18287	6.44	ug/l	92
40) Dibromomethane	9.137	93	12648	6.95	ug/l	85
41) Bromodichloromethane	9.330	83	25557	6.60	ug/l	89
42) Vinyl Acetate	5.787	43	227213	29.83	ug/l #	82

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 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations
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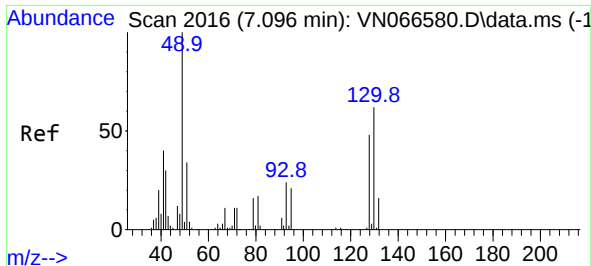
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.836	43	20438	5.38	ug/l #	80
44) Isopropyl Acetate	8.086	43	40959m	6.07	ug/l	
45) 1,4-Dioxane	9.137	88	3993m	97.29	ug/l	
46) Methyl methacrylate	9.132	41	16162	5.18	ug/l	91
48) t-1,3-Dichloropropene	10.317	75	23075	5.63	ug/l	97
49) cis-1,3-Dichloropropene	9.776	75	24996	5.68	ug/l	94
50) 1,1,2-Trichloroethane	10.500	97	16588	6.47	ug/l	98
51) Ethyl methacrylate	10.371	69	15661	4.12	ug/l	73
52) 1,3-Dichloropropane	10.645	76	27031	6.26	ug/l	98
53) Dibromochloromethane	10.840	129	18307	6.45	ug/l	96
54) 1,2-Dibromoethane	10.945	107	15471	5.94	ug/l	98
55) 2-Chloroethyl vinyl ether	9.628	63	5592	10.40	ug/l	98
56) Bromoform	12.069	173	10413	5.08	ug/l #	98
58) 4-Methyl-2-Pentanone	9.920	43	110317	25.24	ug/l #	90
59) 2-Hexanone	10.693	43	63194	21.34	ug/l #	88
61) Tetrachloroethene	10.569	164	14181	4.93	ug/l	96
62) Toluene	10.089	91	66481	5.53	ug/l	99
64) Chlorobenzene	11.369	112	37920	5.39	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.449	131	16612	5.94	ug/l	98
66) Ethyl Benzene	11.452	91	61346	4.80	ug/l	97
67) m/p-Xylenes	11.562	106	42315	8.87	ug/l	94
68) o-Xylene	11.886	106	19106	4.12	ug/l	86
69) Styrene	11.908	104	30398	4.06	ug/l	95
70) Isopropylbenzene	12.189	105	50989	4.18	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.450	83	22508	5.62	ug/l	97
72) 1,2,3-Trichloropropane	12.498	75	18140m	4.85	ug/l	
73) Bromobenzene	12.468	156	14406	4.77	ug/l	88
74) n-propylbenzene	12.535	91	61545	4.49	ug/l	95
75) 2-Chlorotoluene	12.616	91	41272	4.96	ug/l	89
76) 1,3,5-Trimethylbenzene	12.677	105	43038	4.24	ug/l	97
77) t-1,4-Dichloro-2-butene	12.254	75	4069m	3.46	ug/l	
78) 4-Chlorotoluene	12.715	91	32962	4.03	ug/l	94
79) tert-butylbenzene	12.938	119	35025	4.02	ug/l	97
80) 1,2,4-Trimethylbenzene	12.986	105	37114	3.78	ug/l	96
81) sec-Butylbenzene	13.115	105	45753	4.08	ug/l	98
82) p-Isopropyltoluene	13.233	119	37691	3.82	ug/l	97
83) 1,3-Dichlorobenzene	13.230	146	23384	4.65	ug/l	95
84) 1,4-Dichlorobenzene	13.310	146	15499	3.23	ug/l	98
85) n-Butylbenzene	13.571	91	25217	3.17	ug/l	87
86) Hexachloroethane	13.812	117	11471	6.05	ug/l	68
87) 1,2-Dichlorobenzene	13.600	146	22252	4.51	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.238	75	3741m	4.69	ug/l	
89) 1,2,4-Trichlorobenzene	14.989	180	11146m	3.67	ug/l	
90) Hexachlorobutadiene	15.105	225	8544	5.01	ug/l	99
91) Naphthalene	15.274	128	25611m	2.87	ug/l	
92) 1,2,3-Trichlorobenzene	15.507	180	12206m	4.09	ug/l	

(#) = 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. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

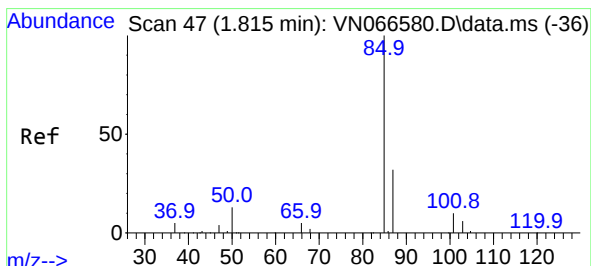
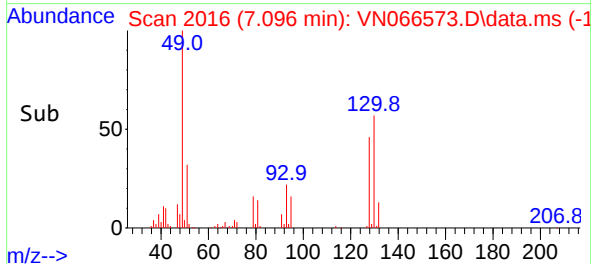
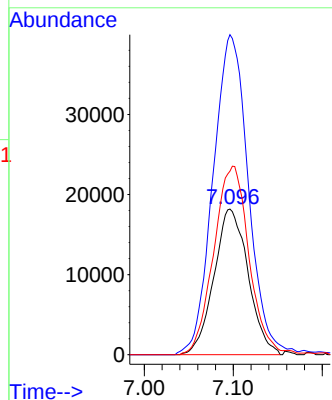
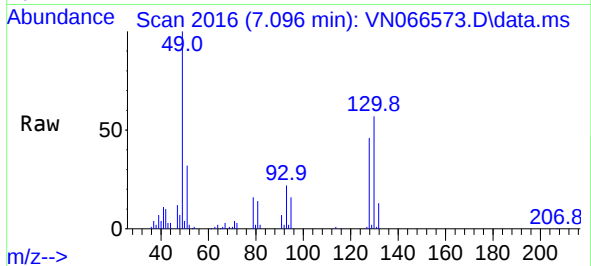
Tgt Ion:	128	Resp:	48528
Ion Ratio	Lower	Upper	
128	100		
49	225.6	0.0	429.3
130	132.8	0.0	328.5

Instrument :
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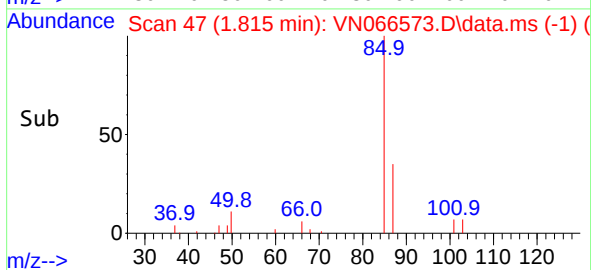
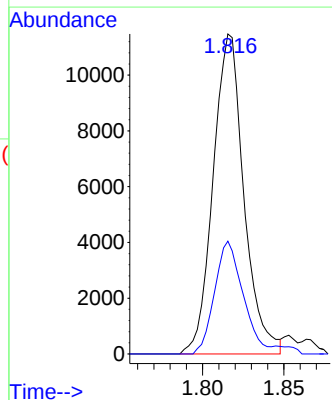
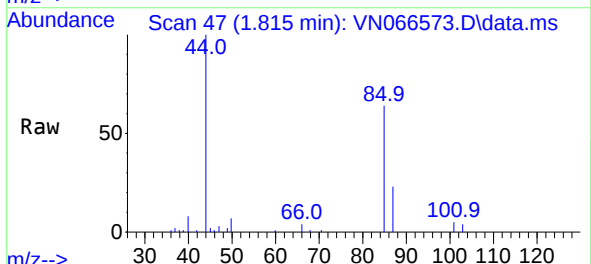
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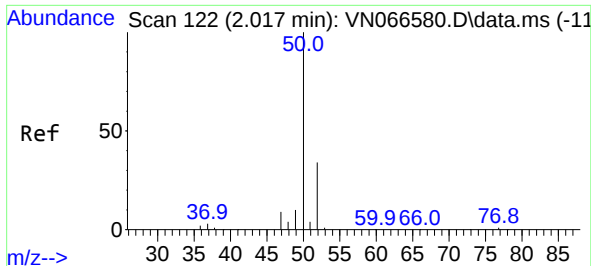
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#2
Dichlorodifluoromethane
Concen: 5.46 ug/l
RT: 1.815 min Scan# 47
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	85	Resp:	15115
Ion Ratio	Lower	Upper	
85	100		
87	35.3	15.4	46.4





#3
Chloromethane
Concen: 7.10 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

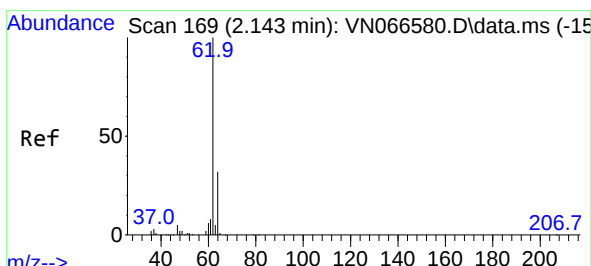
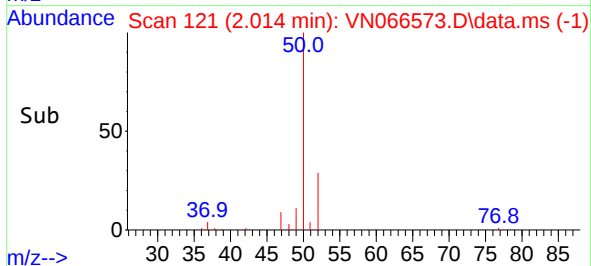
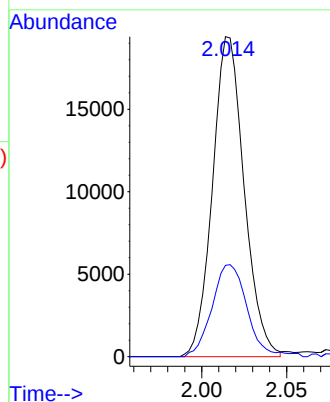
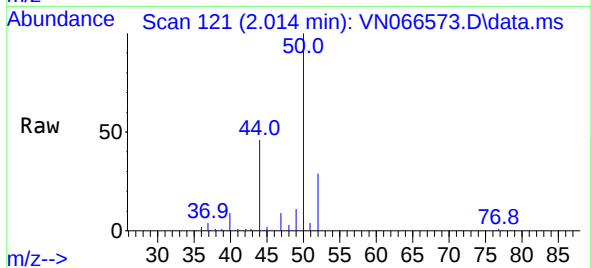
Tgt Ion: 50 Resp: 25114
Ion Ratio Lower Upper
50 100
52 28.5 26.2 39.4

Instrument :
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ClientSampleId :
VSTDIC005

Manual Integrations
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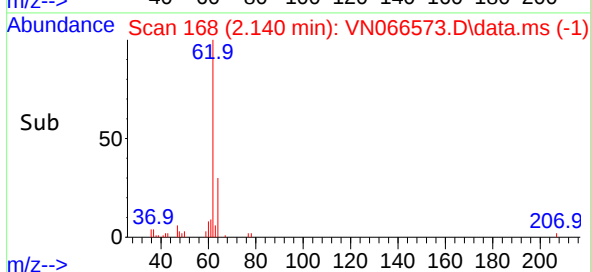
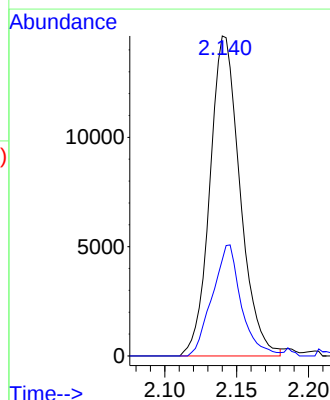
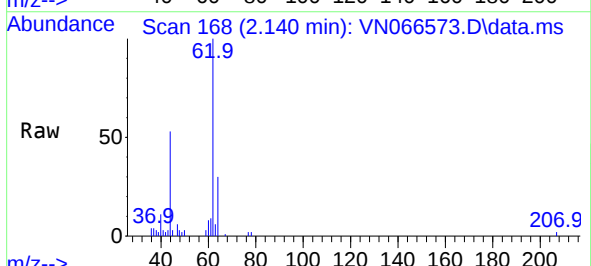
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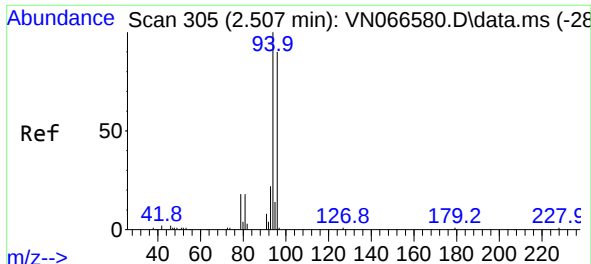
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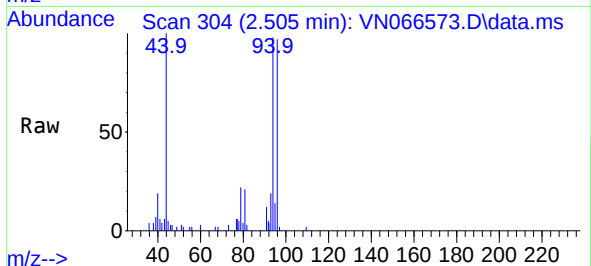
#4
Vinyl Chloride
Concen: 5.88 ug/l
RT: 2.140 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 62 Resp: 21330
Ion Ratio Lower Upper
62 100
64 30.0 25.8 38.6

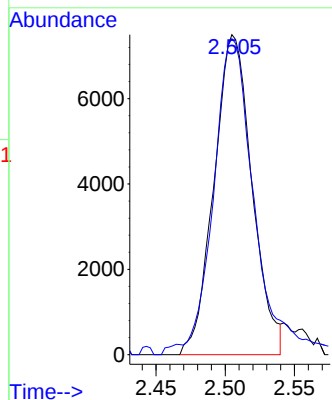




#5
Bromomethane
Concen: 5.65 ug/l
RT: 2.505 min Scan# 304
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 94 Resp: 14322
Ion Ratio Lower Upper
94 100
96 95.6 77.8 116.8

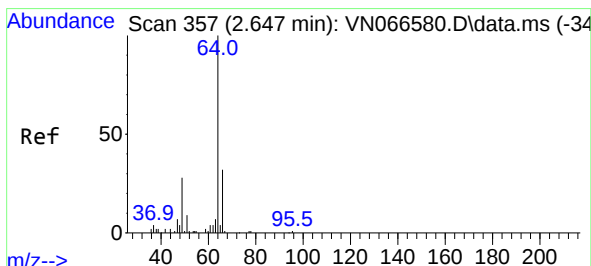
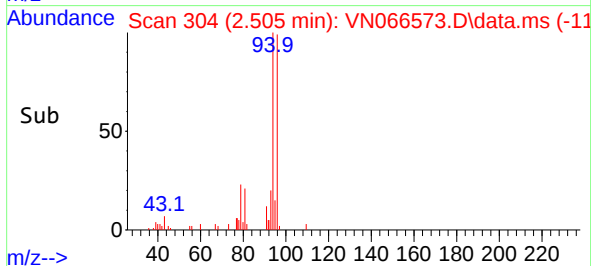


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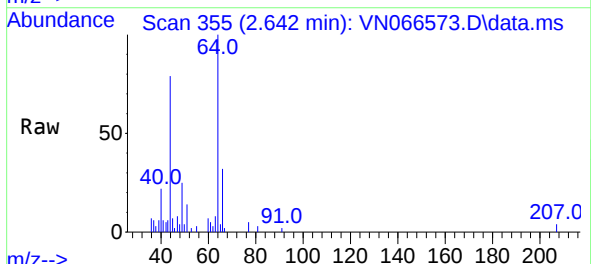
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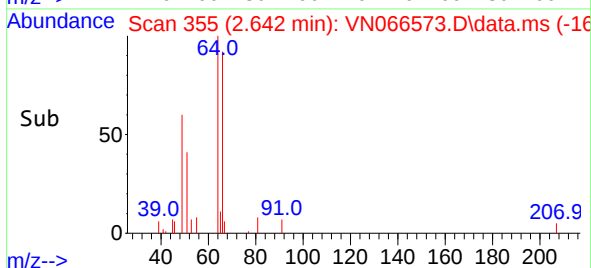
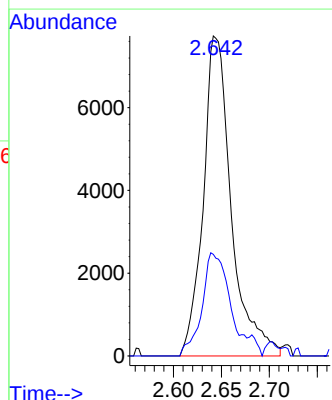
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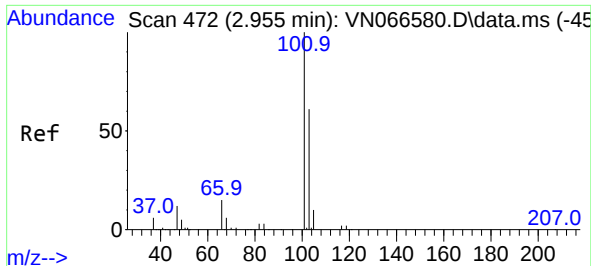


#6
Chloroethane
Concen: 6.74 ug/l
RT: 2.642 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 64 Resp: 15765
Ion Ratio Lower Upper
64 100
66 31.8 24.2 36.4





#7
 Trichlorofluoromethane
 Concen: 6.21 ug/l
 RT: 2.955 min Scan# 472
 Delta R.T. -0.000 min
 Lab File: VN066573.D
 Acq: 13 Apr 2021 12:32

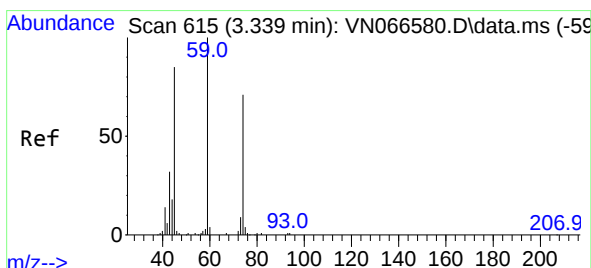
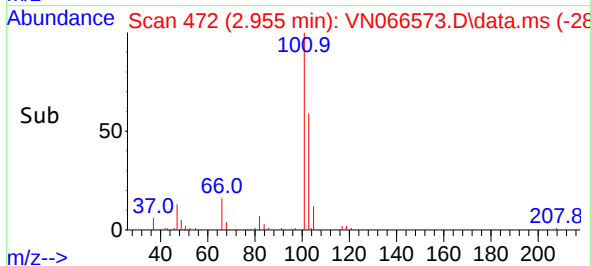
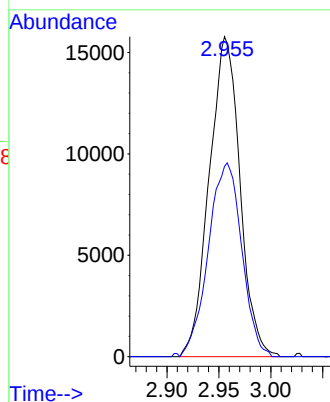
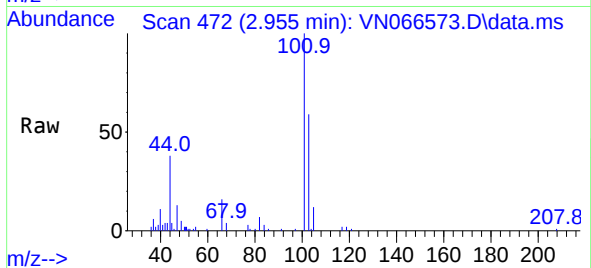
Tgt Ion:101 Resp: 32477
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.6 77.4

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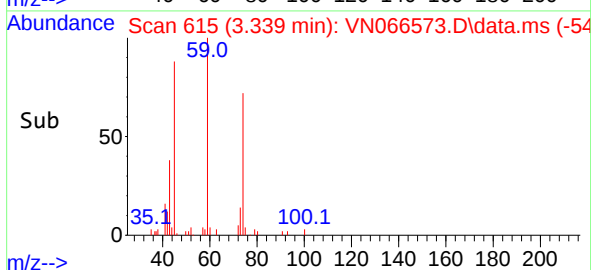
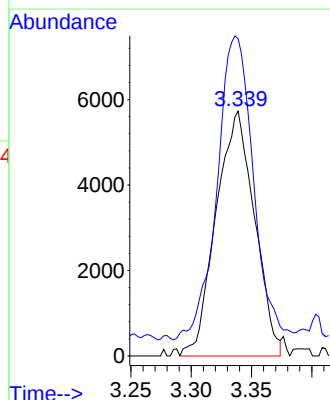
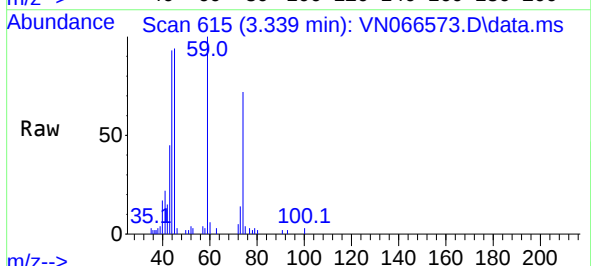
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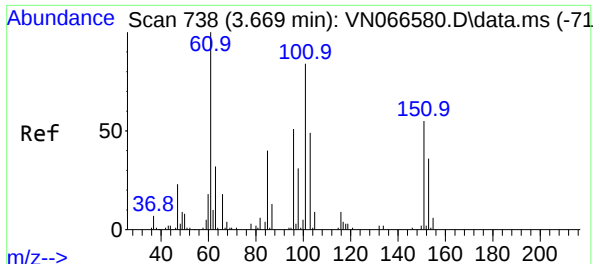
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#8
 Diethyl Ether
 Concen: 7.14 ug/l
 RT: 3.339 min Scan# 615
 Delta R.T. -0.000 min
 Lab File: VN066573.D
 Acq: 13 Apr 2021 12:32

Tgt Ion: 74 Resp: 12732
 Ion Ratio Lower Upper
 74 100
 45 116.8 19.6 176.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.09 ug/l m
RT: 3.669 min Scan# 738
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

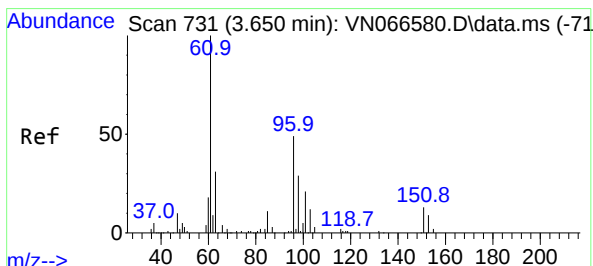
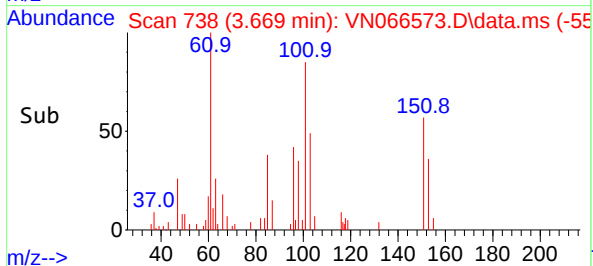
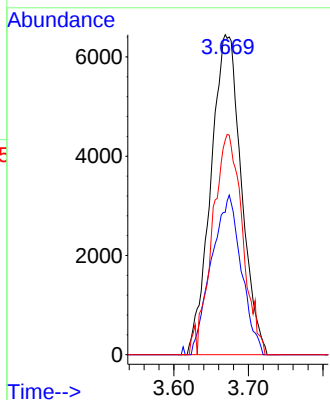
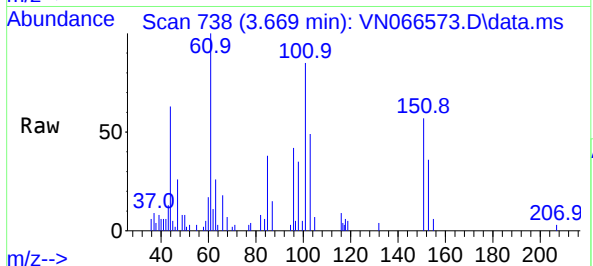
Tgt Ion:	101	Resp:	18338
Ion Ratio	Lower	Upper	
101	100		
85	0.3	0.0	90.6
151	64.8	0.0	159.0

Instrument :
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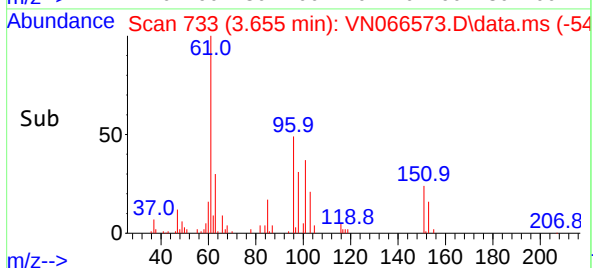
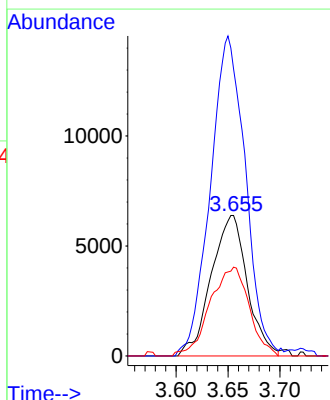
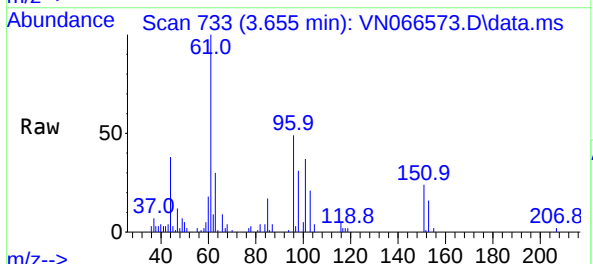
MMDadoda

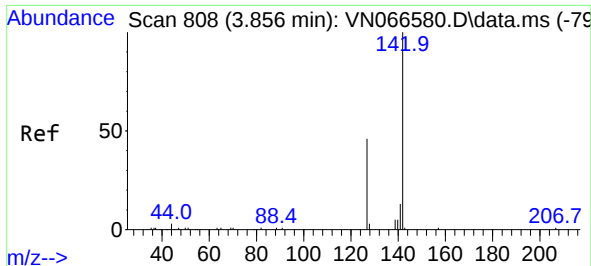
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#10
1,1-Dichloroethene
Concen: 6.04 ug/l
RT: 3.655 min Scan# 733
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

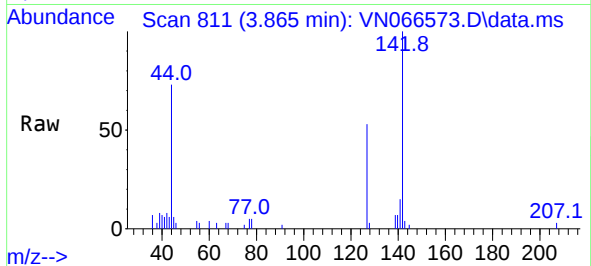
Tgt Ion:	96	Resp:	15407
Ion Ratio	Lower	Upper	
96	100		
61	200.8	139.6	209.4
98	63.1	53.7	80.5





#11
Methyl Iodide
Concen: 5.55 ug/l m
RT: 3.865 min Scan# 811
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

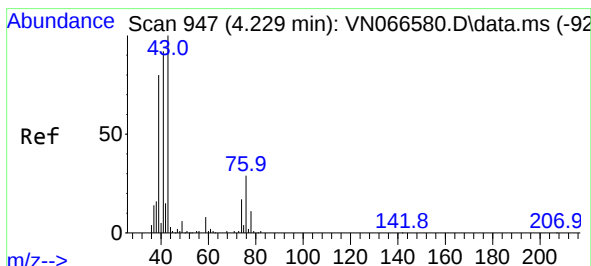
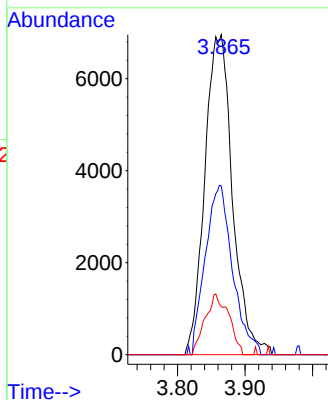
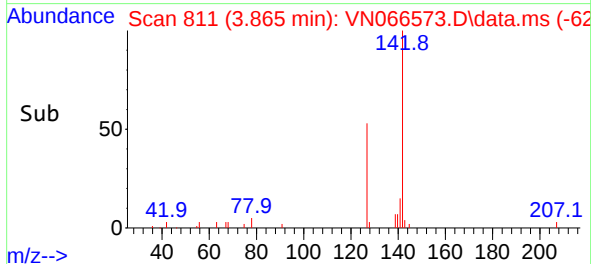


Tgt Ion:142 Resp: 19854
Ion Ratio Lower Upper
142 100
127 52.7 20.5 61.6
141 15.0 7.4 22.3

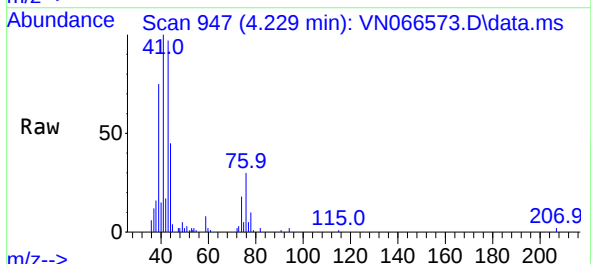
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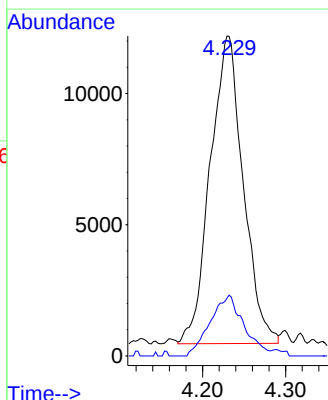
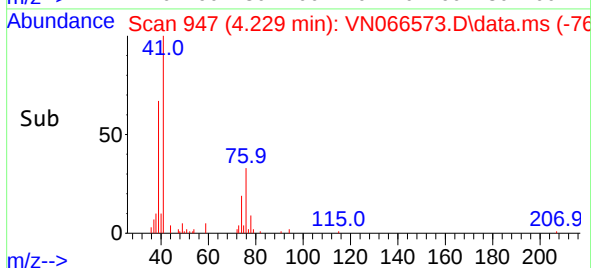
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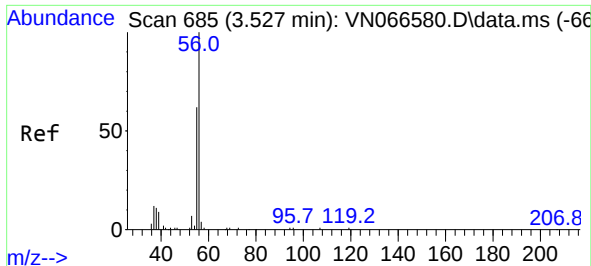


#12
Methyl Acetate
Concen: 7.83 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



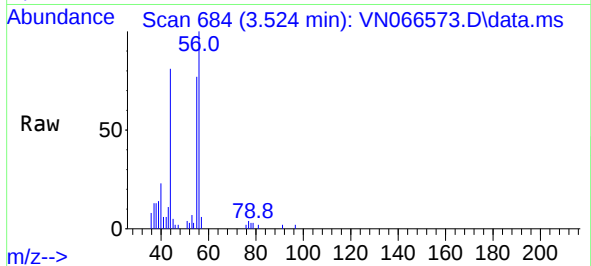
Tgt Ion: 43 Resp: 32419
Ion Ratio Lower Upper
43 100
74 18.1 18.0 27.0





#13
Acrolein
Concen: 57.12 ug/l
RT: 3.524 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

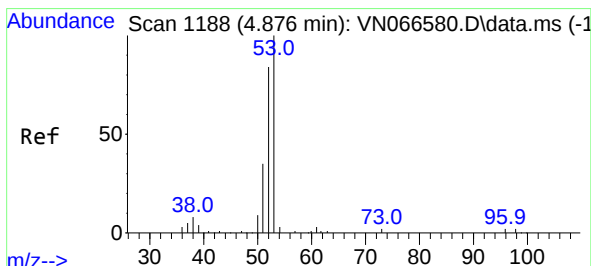
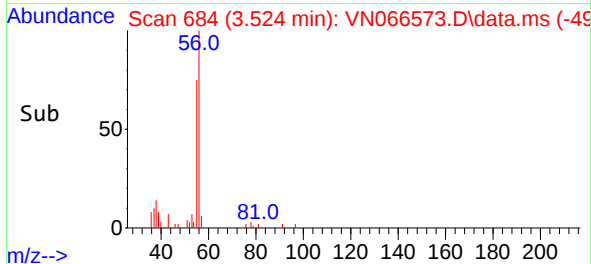
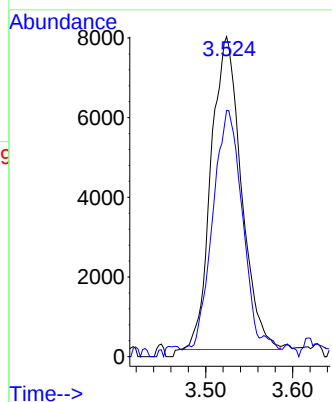


Tgt Ion: 56 Resp: 18934
Ion Ratio Lower Upper
56 100
55 73.0 54.1 81.1

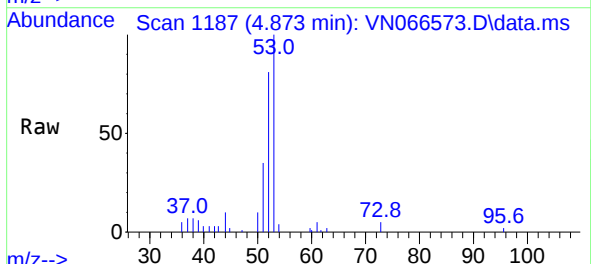
Manual Integrations
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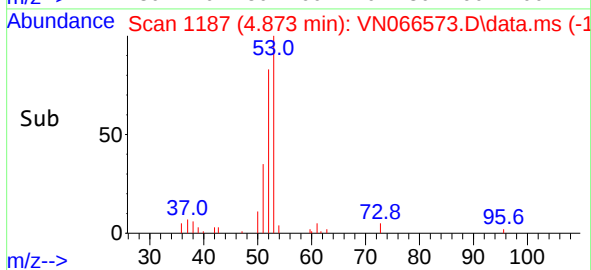
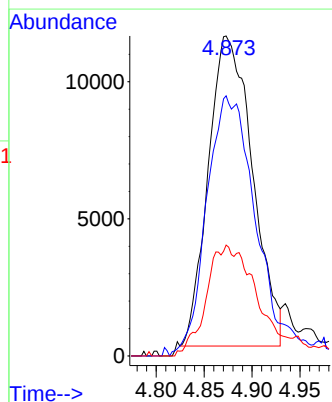
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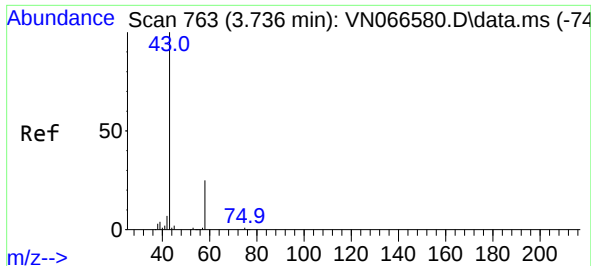


#14
Acrylonitrile
Concen: 23.33 ug/l
RT: 4.873 min Scan# 1187
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



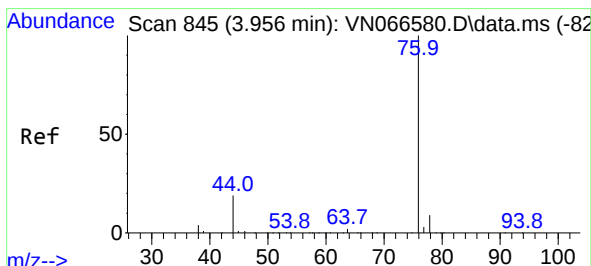
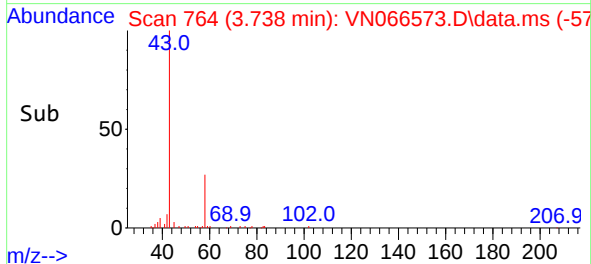
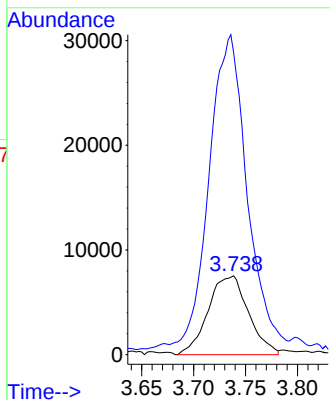
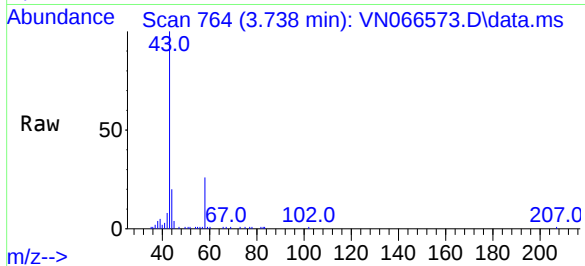
Tgt Ion: 53 Resp: 36224
Ion Ratio Lower Upper
53 100
52 47.3 41.0 123.0
51 11.9 17.8 53.4#





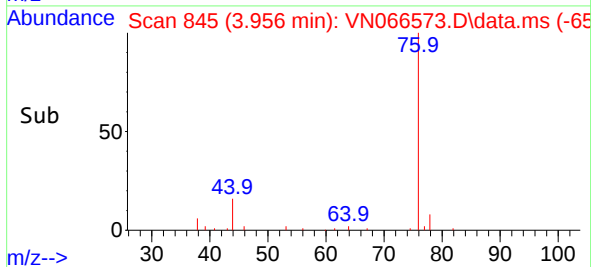
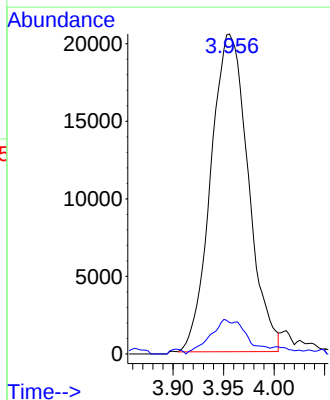
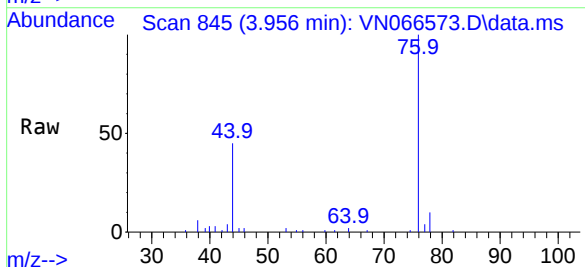
#15
Acetone
Concen: 41.30 ug/l
RT: 3.738 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 58 Resp: 20341
Ion Ratio Lower Upper
58 100
43 367.5 267.3 400.9



#16
Carbon Disulfide
Concen: 7.16 ug/l
RT: 3.956 min Scan# 845
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 76 Resp: 52726
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

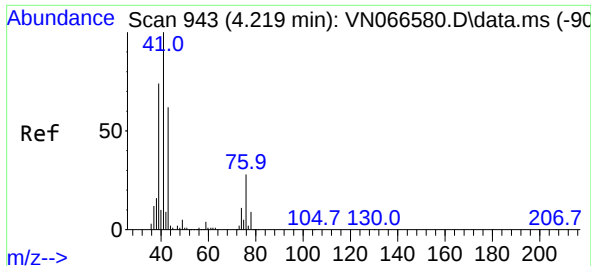


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

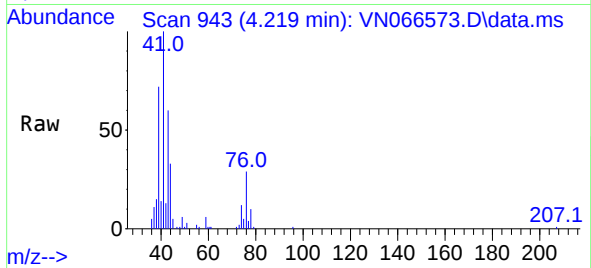
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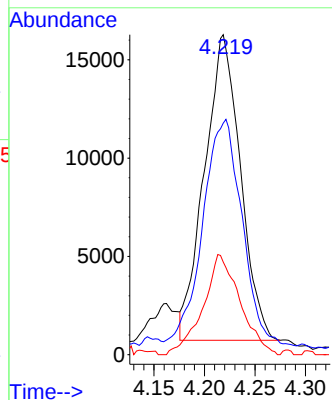
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#17
Allyl chloride
Concen: 7.91 ug/l
RT: 4.219 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion:	41	Resp:	38505
Ion	Ratio	Lower	Upper
41	100		
39	71.9	38.6	116.0
76	30.3	17.6	52.8

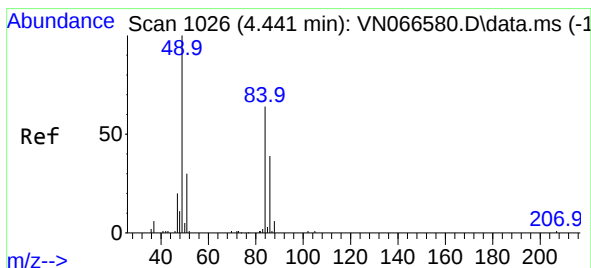


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

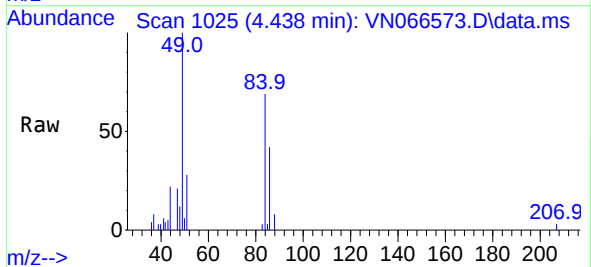
Manual Integrations
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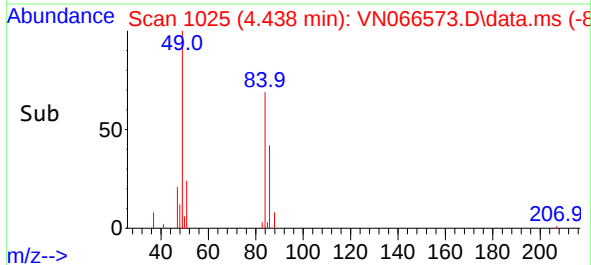
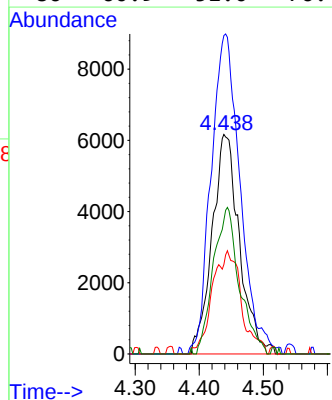
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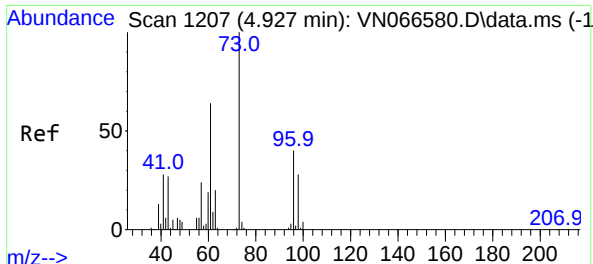


#18
Methylene Chloride
Concen: 6.18 ug/l m
RT: 4.438 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



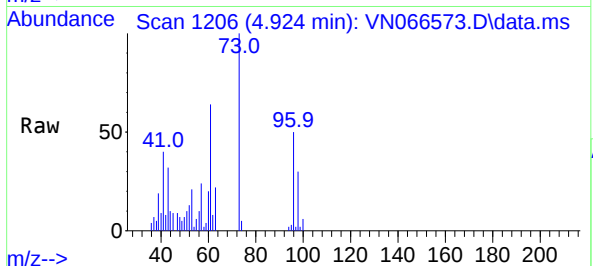
Tgt Ion:	84	Resp:	18255
Ion	Ratio	Lower	Upper
84	100		
49	145.1	98.9	148.3
51	40.8	30.8	46.2
86	60.9	51.0	76.4





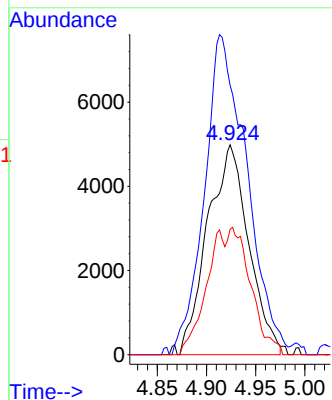
#19

trans-1,2-Dichloroethene
Concen: 5.36 ug/l
RT: 4.924 min Scan# 1206
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 96 Resp: 14500

Ion	Ratio	Lower	Upper
96	100		
61	117.8	113.3	169.9
98	63.4	51.4	77.2

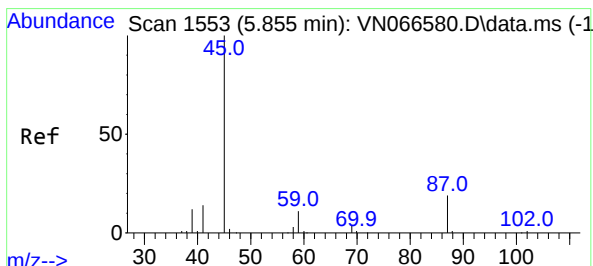


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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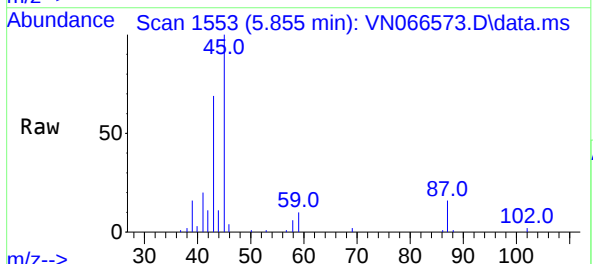
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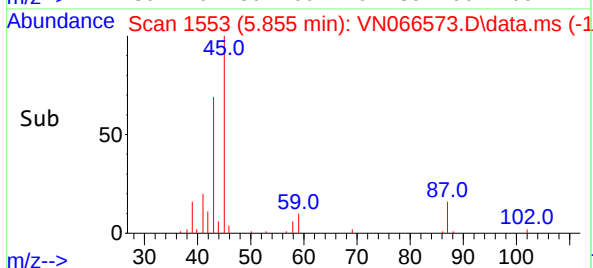
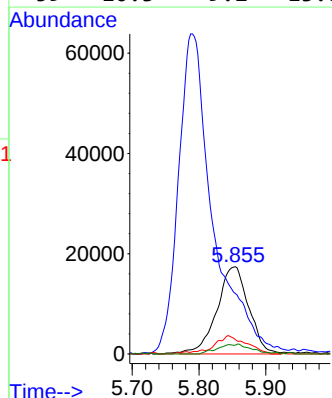
#20

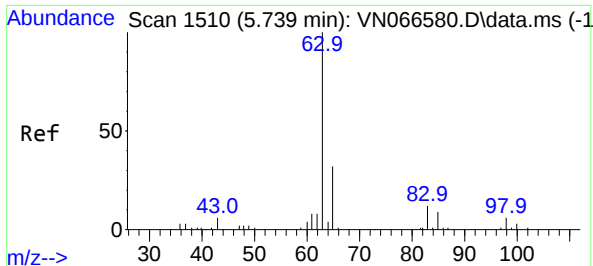
Diisopropyl ether
Concen: 5.77 ug/l
RT: 5.855 min Scan# 1553
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 45 Resp: 57504

Ion	Ratio	Lower	Upper
45	100		
43	63.7	51.4	77.2
87	16.7	21.4	32.0#
59	10.3	9.2	13.8





#21
1,1-Dichloroethane
Concen: 6.39 ug/l m
RT: 5.729 min Scan# 1506
Delta R.T. -0.008 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

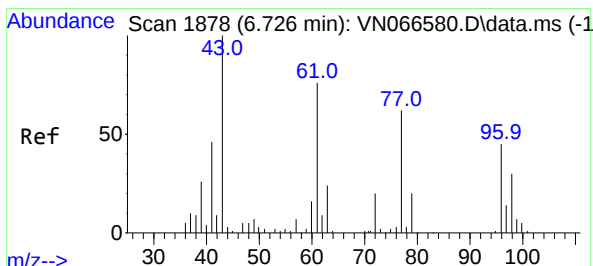
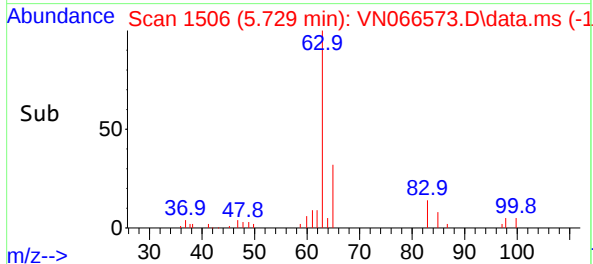
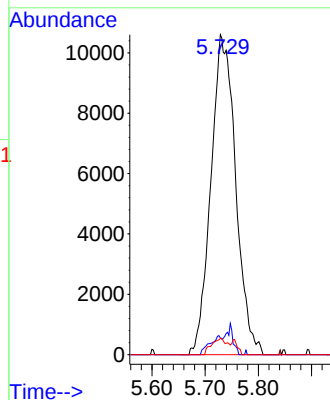
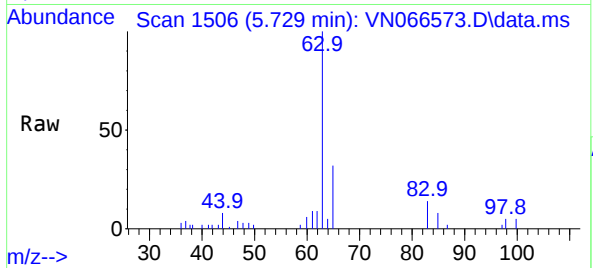
Tgt Ion:	63	Resp:	34302
Ion	Ratio	Lower	Upper
63	100		
98	5.2	3.3	9.9
100	5.1	1.9	5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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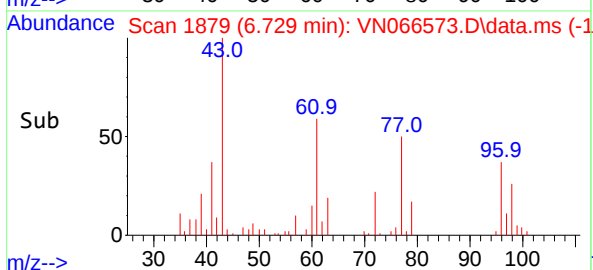
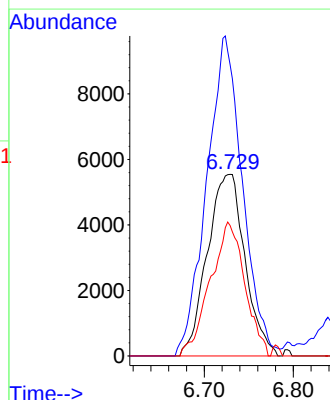
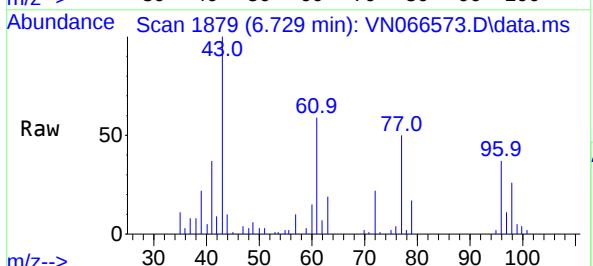
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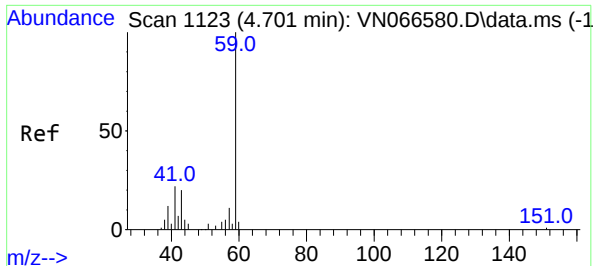
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#22
cis-1,2-Dichloroethene
Concen: 5.14 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.005 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	96	Resp:	16294
Ion	Ratio	Lower	Upper
96	100		
61	167.1	119.4	179.0
98	67.6	51.5	77.3





#23
tert-Butyl Alcohol
Concen: 21.85 ug/l m
RT: 4.699 min Scan# 1122
Delta R.T. -0.011 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

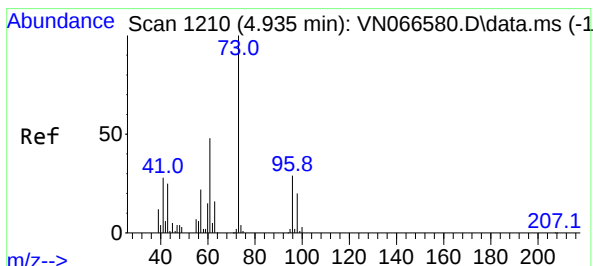
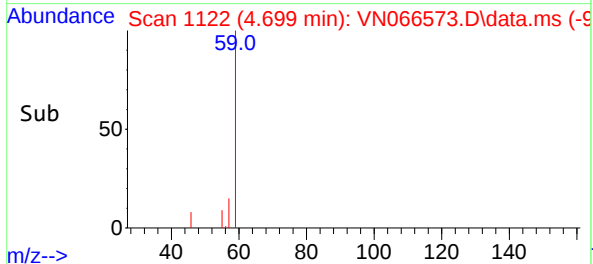
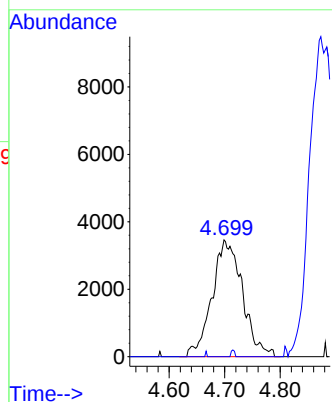
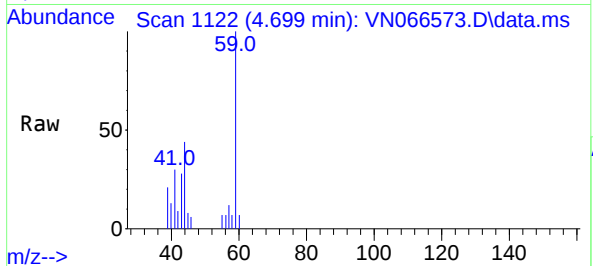
Tgt Ion: 59 Resp: 13154
Ion Ratio Lower Upper
59 100
52 0.6 0.1 0.1#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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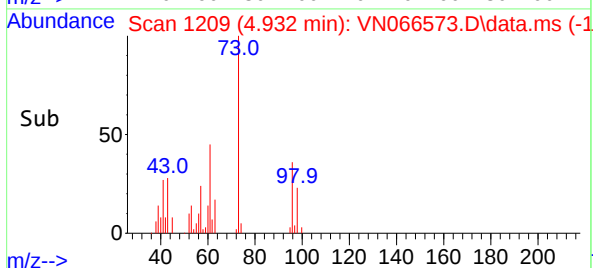
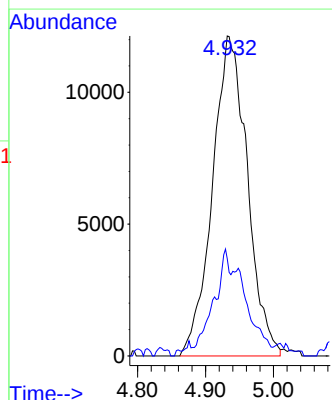
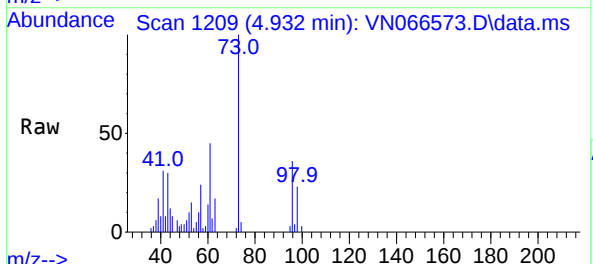
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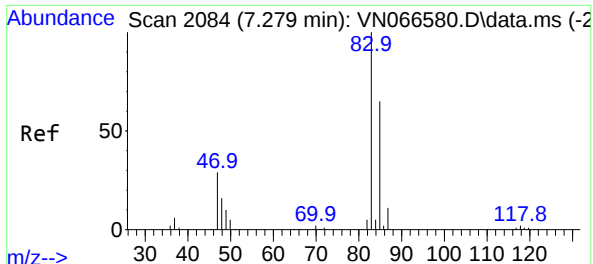
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#24
Methyl tert-Butyl Ether
Concen: 4.72 ug/l
RT: 4.932 min Scan# 1209
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 73 Resp: 43274
Ion Ratio Lower Upper
73 100
43 3.1 18.5 27.7#





#25
Chloroform
Concen: 6.44 ug/l
RT: 7.279 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

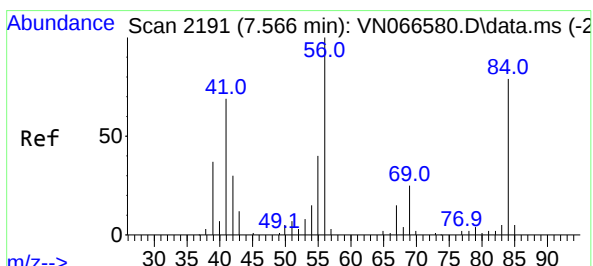
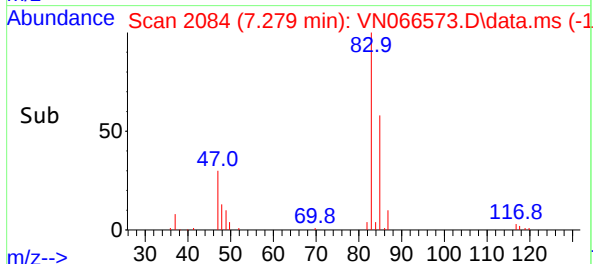
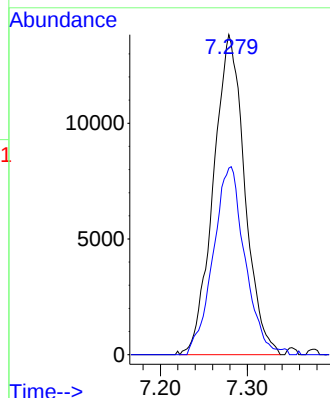
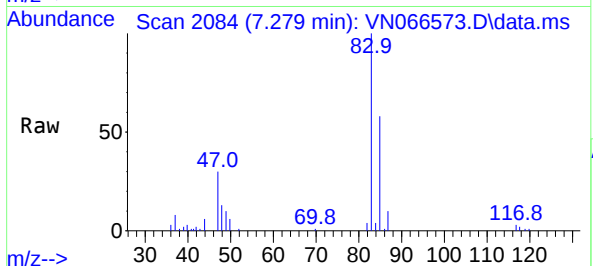
Tgt Ion: 83 Resp: 34626
Ion Ratio Lower Upper
83 100
85 58.3 49.4 74.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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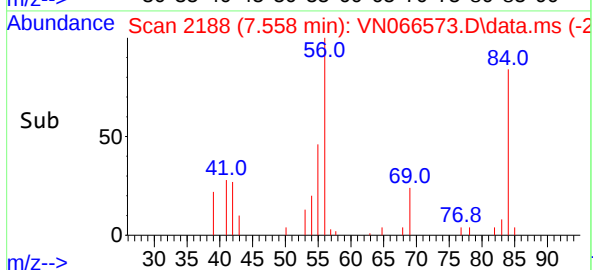
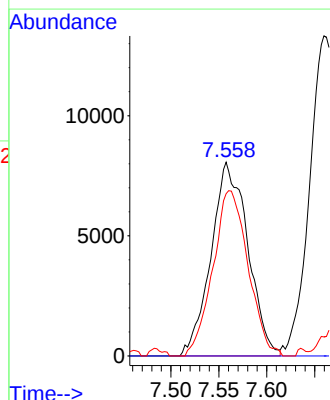
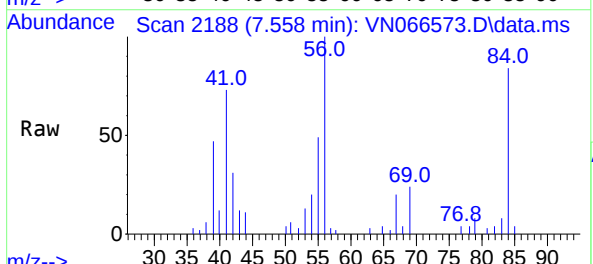
MMDadoda

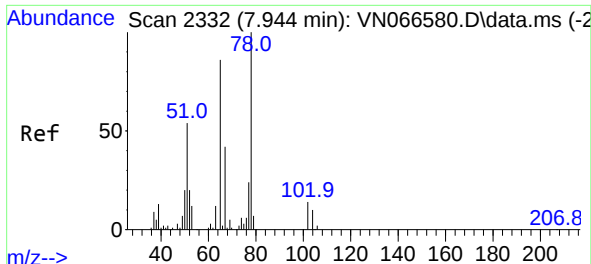
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#26
Cyclohexane
Concen: 4.65 ug/l
RT: 7.558 min Scan# 2188
Delta R.T. -0.006 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 56 Resp: 21511
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.1 65.4 98.2





#27
1,2-Dichloroethane-d4
Concen: 35.42 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

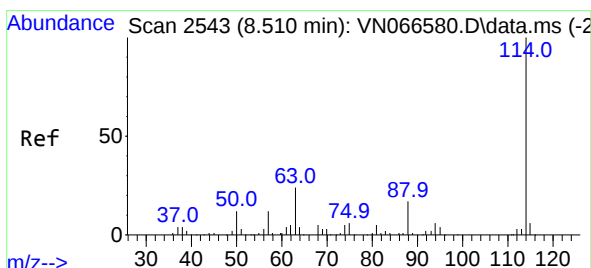
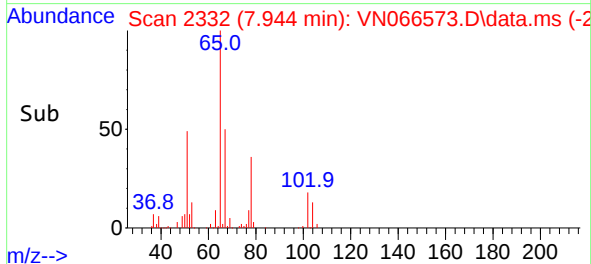
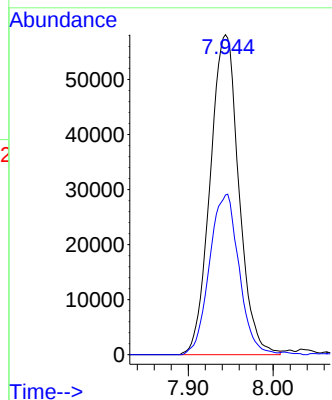
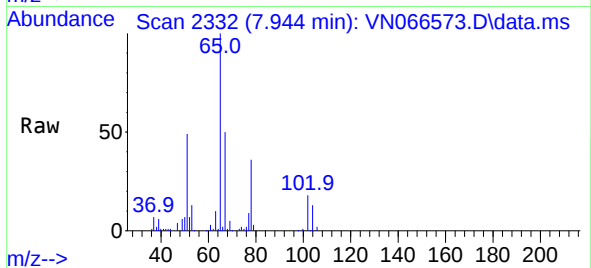
Tgt Ion: 65 Resp: 136412
Ion Ratio Lower Upper
65 100
67 51.5 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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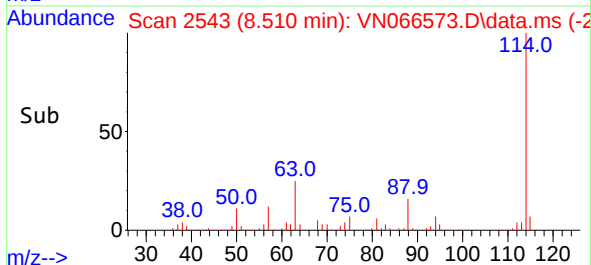
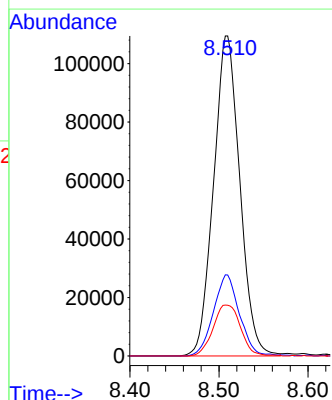
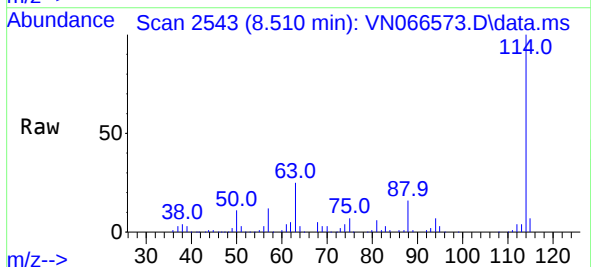
MMDadoda

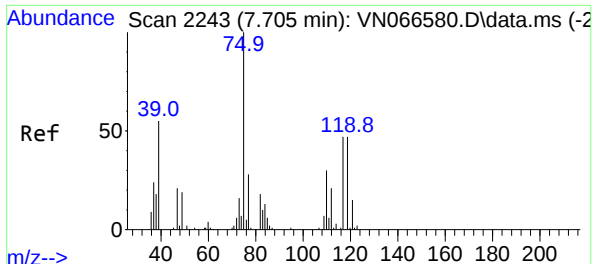
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 114 Resp: 224149
Ion Ratio Lower Upper
114 100
63 24.9 17.4 26.0
88 16.6 12.6 19.0





#29
1,1-Dichloropropene
Concen: 5.68 ug/l
RT: 7.702 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

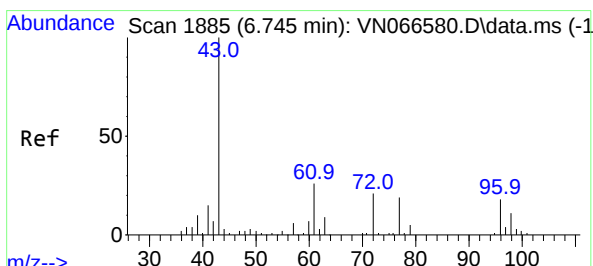
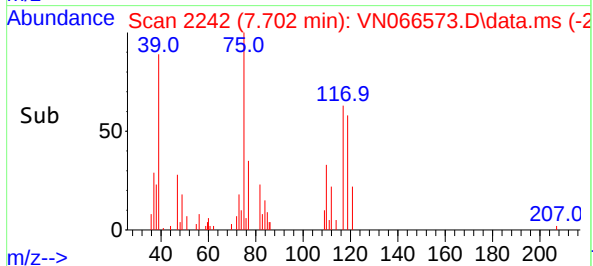
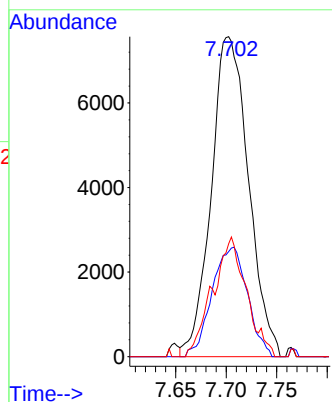
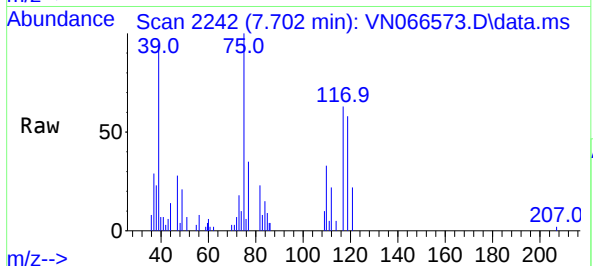
Tgt Ion:	75	Resp:	19390
Ion Ratio	Lower	Upper	
75	100		
110	32.6	0.0	69.4
77	24.4	0.0	60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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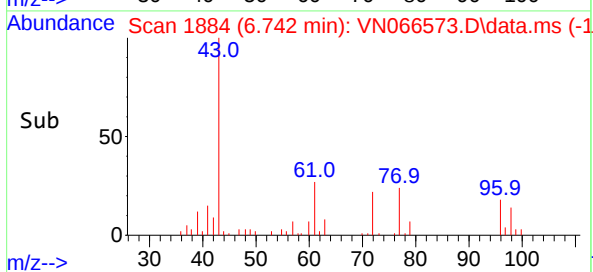
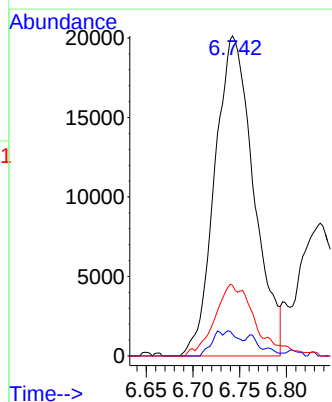
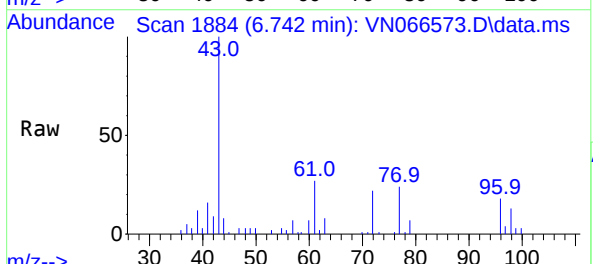
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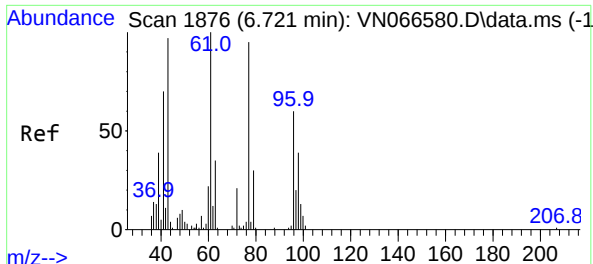
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#30
2-Butanone
Concen: 29.44 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

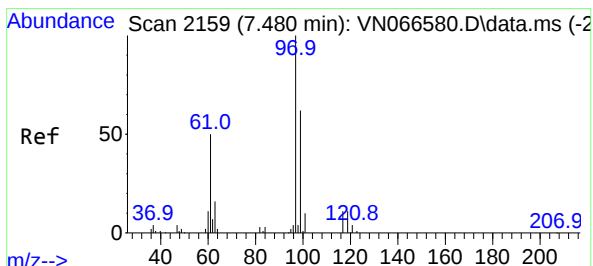
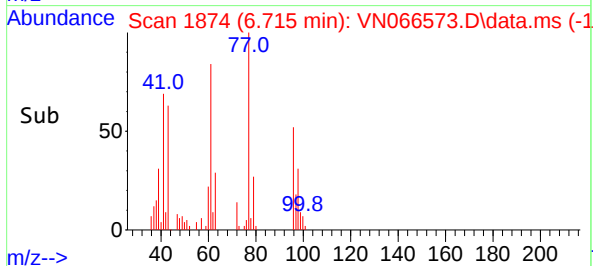
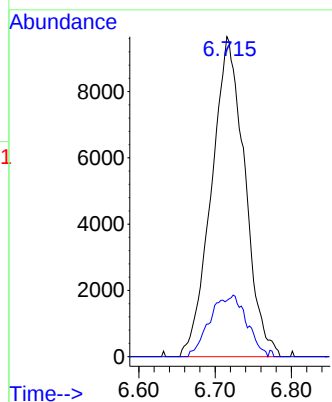
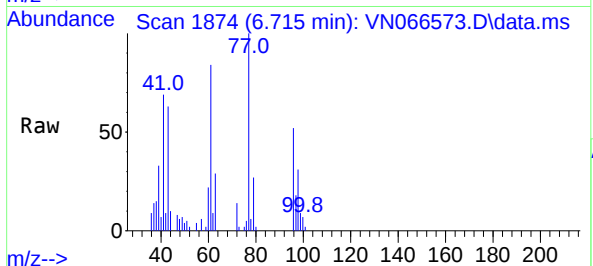
Tgt Ion:	43	Resp:	58259
Ion Ratio	Lower	Upper	
43	100		
57	2.8	6.9	10.3#
72	11.1	20.9	31.3#





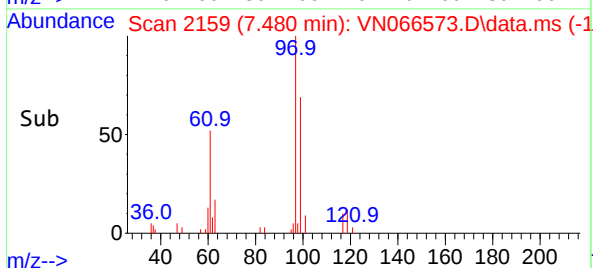
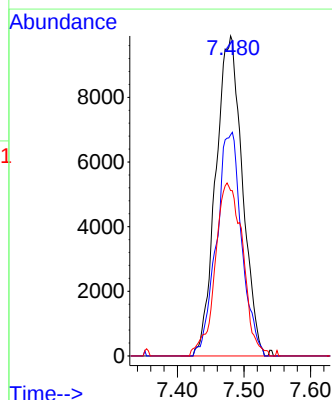
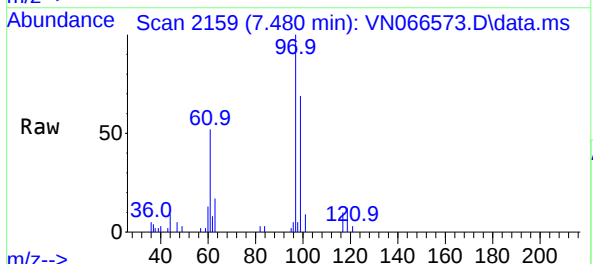
#31
2,2-Dichloropropane
Concen: 6.90 ug/l
RT: 6.715 min Scan# 1874
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 77 Resp: 29212
Ion Ratio Lower Upper
77 100
97 9.6 18.1 27.1#



#32
1,1,1-Trichloroethane
Concen: 6.54 ug/l m
RT: 7.480 min Scan# 2159
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 97 Resp: 27425
Ion Ratio Lower Upper
97 100
99 66.0 50.7 76.1
61 55.8 37.6 56.4

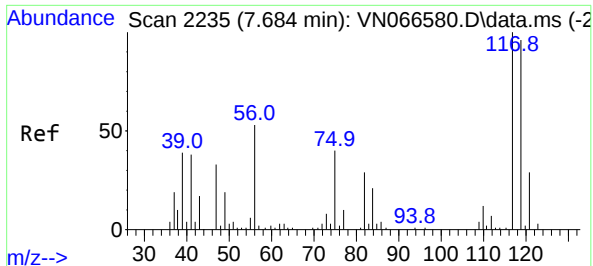


Instrument :
MSVOA_N
ClientSampleId :
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#33
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.686 min Scan# 2236
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

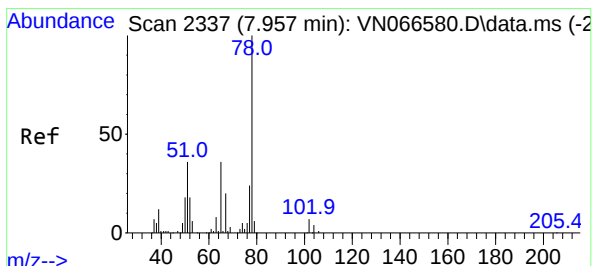
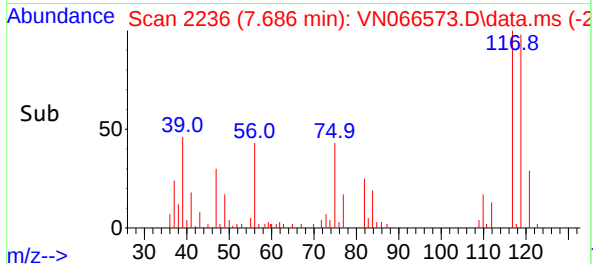
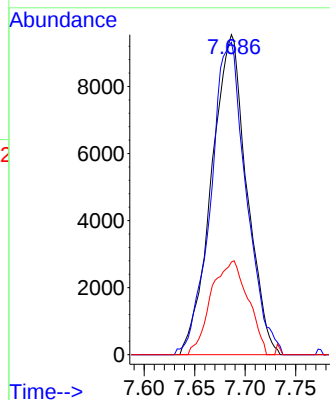
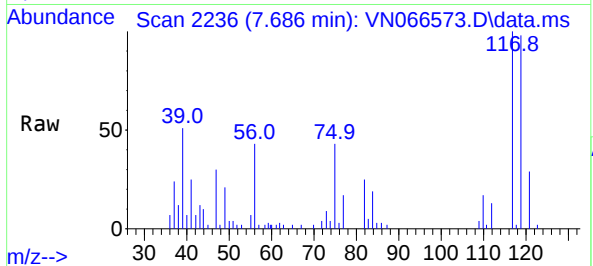
Tgt Ion:	117	Resp:	23114
Ion	Ratio	Lower	Upper
117	100		
119	94.0	72.6	108.8
121	28.4	23.5	35.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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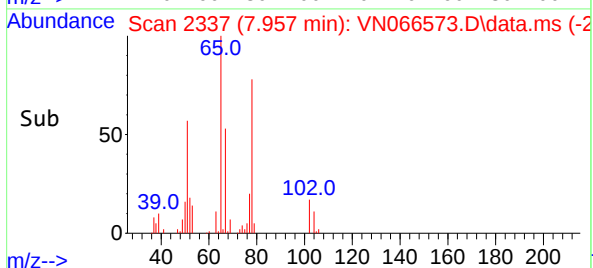
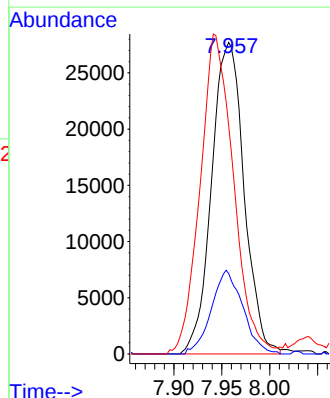
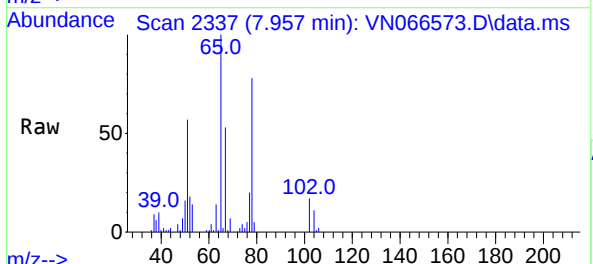
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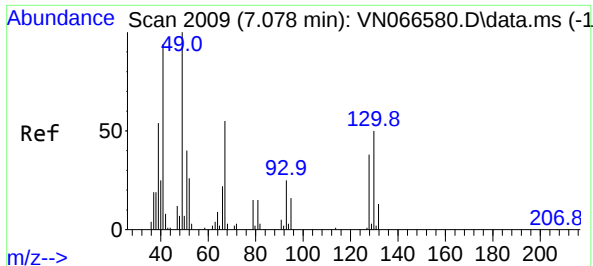
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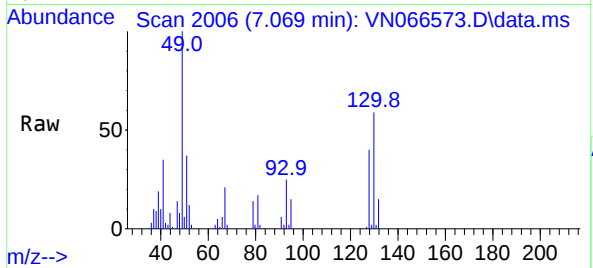
#34
Benzene
Concen: 6.29 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	78	Resp:	65367
Ion	Ratio	Lower	Upper
78	100		
77	25.8	18.6	27.8
51	71.1	21.9	32.9#

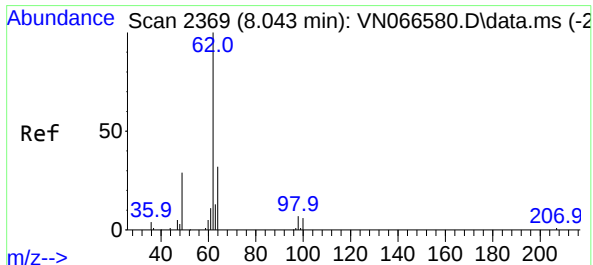
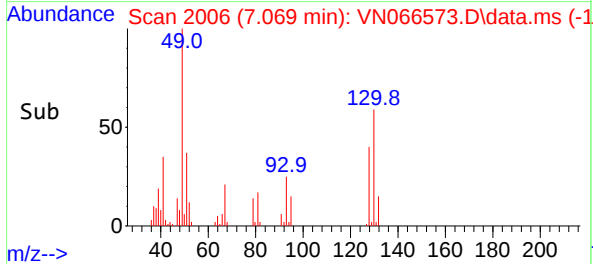
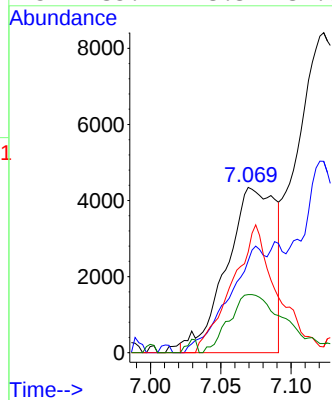




#35
Methacrylonitrile
Concen: 6.13 ug/l m
RT: 7.069 min Scan# 2006
Delta R.T. -0.006 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

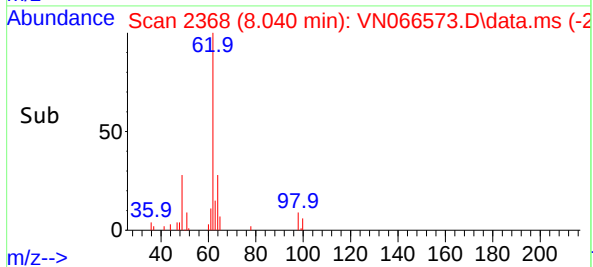
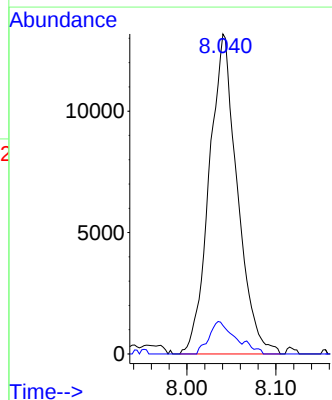
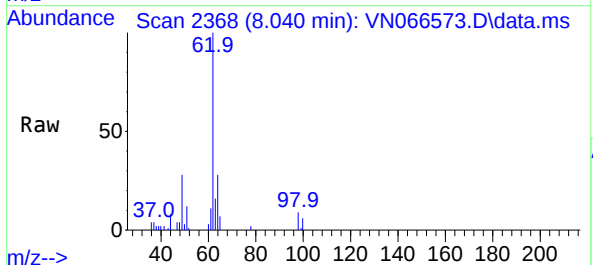


Tgt Ion:	41	Resp:	10471
Ion	Ratio	Lower	Upper
41	100		
39	55.6	27.3	81.8
67	60.9	31.4	94.3
52	35.1	13.3	39.8



#36
1,2-Dichloroethane
Concen: 7.48 ug/l
RT: 8.040 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	62	Resp:	28955
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.9	10.3

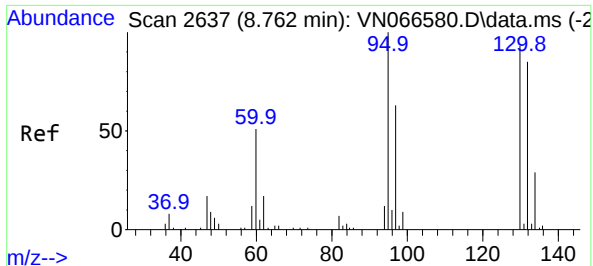


Instrument :
MSVOA_N
ClientSampleId :
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#37
Trichloroethene
Concen: 5.97 ug/l
RT: 8.762 min Scan# 2637
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

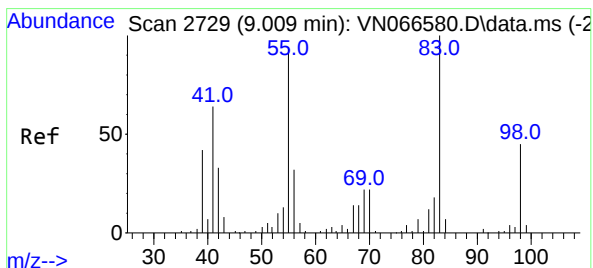
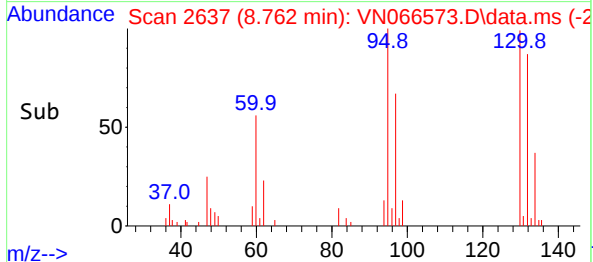
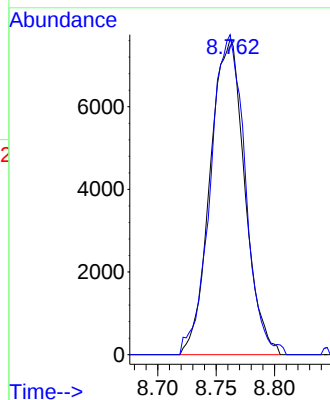
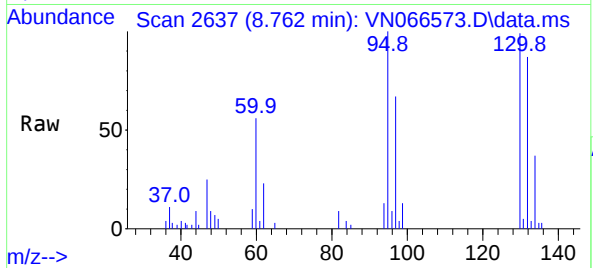
Tgt Ion:130 Resp: 15712
Ion Ratio Lower Upper
130 100
95 101.4 80.7 121.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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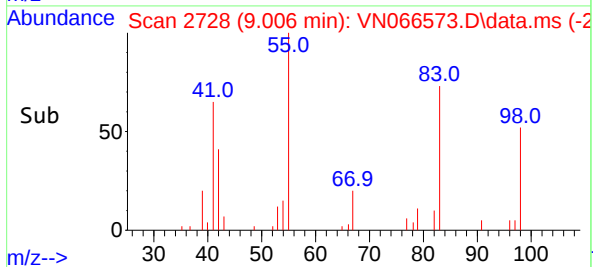
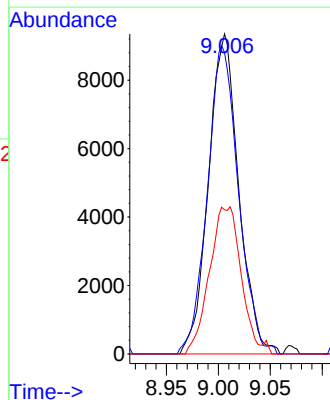
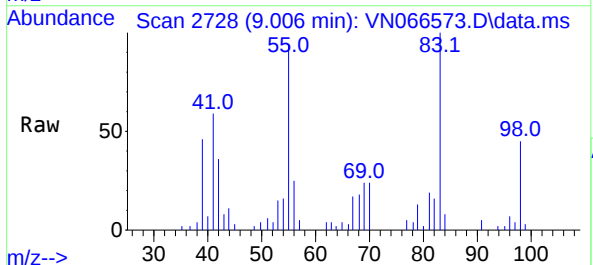
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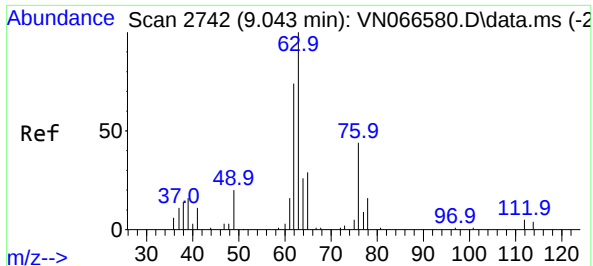
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#38
Methylcyclohexane
Concen: 4.71 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 83 Resp: 18973
Ion Ratio Lower Upper
83 100
55 98.3 38.8 116.3
98 28.3 22.2 66.6





#39

1,2-Dichloropropane
Concen: 6.44 ug/l
RT: 9.043 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

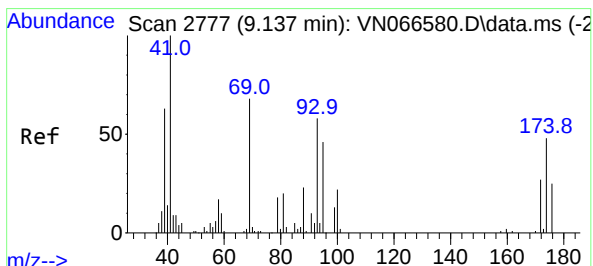
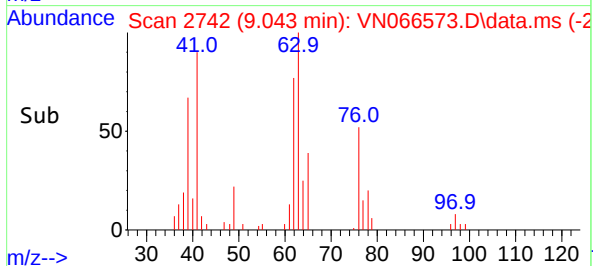
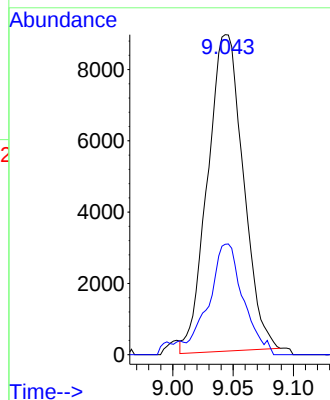
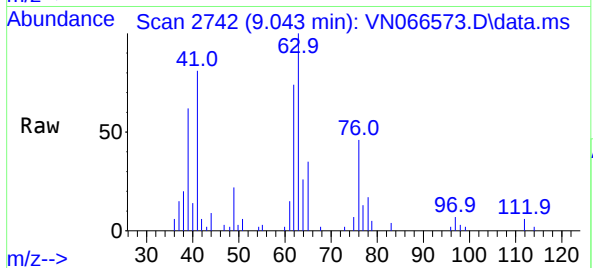
Tgt Ion: 63 Resp: 18287
Ion Ratio Lower Upper
63 100
65 35.2 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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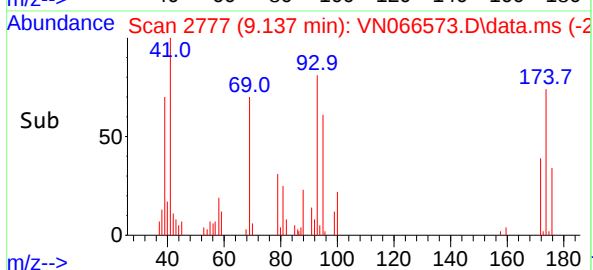
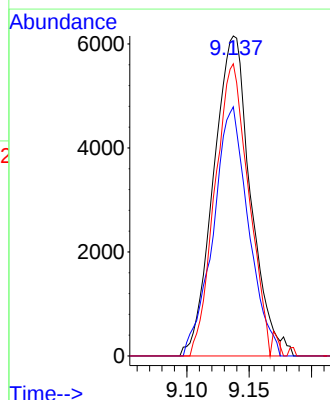
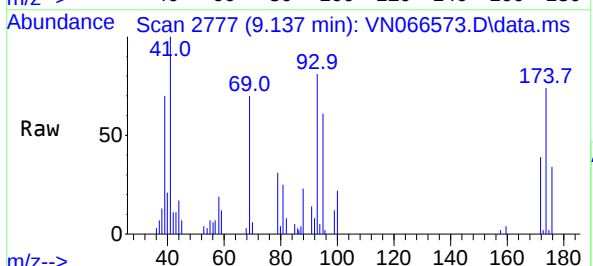
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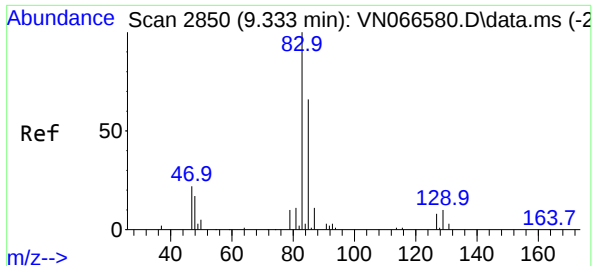


#40

Dibromomethane
Concen: 6.95 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 93 Resp: 12648
Ion Ratio Lower Upper
93 100
95 74.5 0.0 169.0
174 83.5 0.0 205.8





#41
Bromodichloromethane
Concen: 6.60 ug/l
RT: 9.330 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

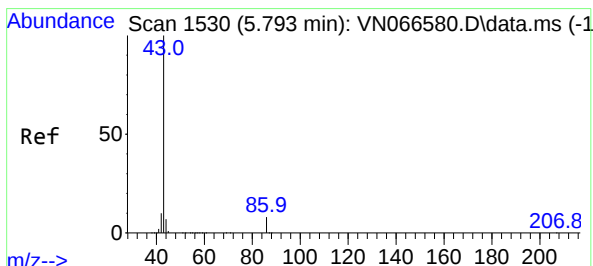
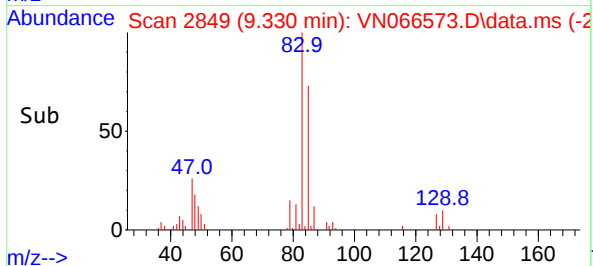
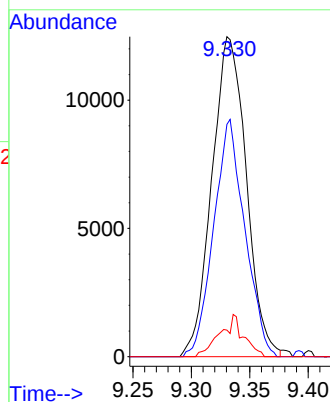
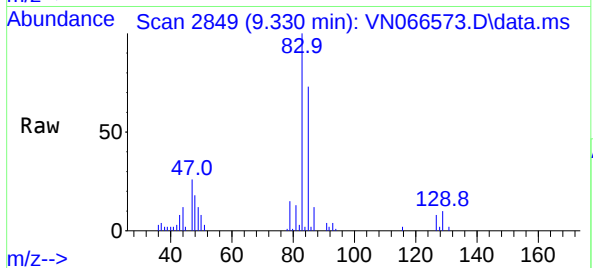
Tgt Ion: 83 Resp: 25557
Ion Ratio Lower Upper
83 100
85 72.6 50.6 75.8
127 8.3 6.9 10.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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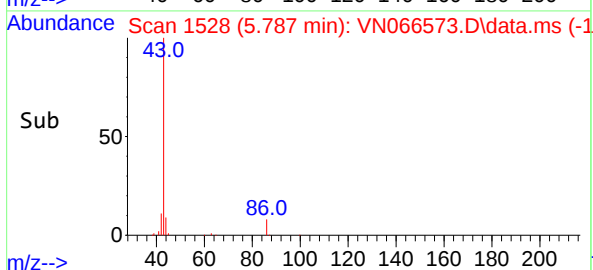
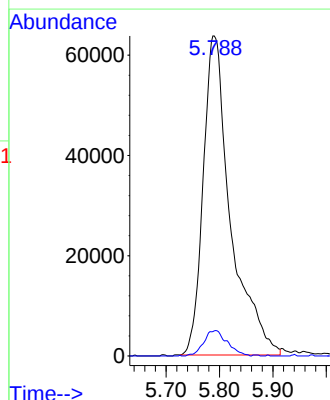
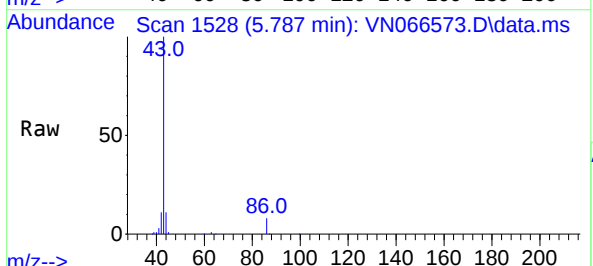
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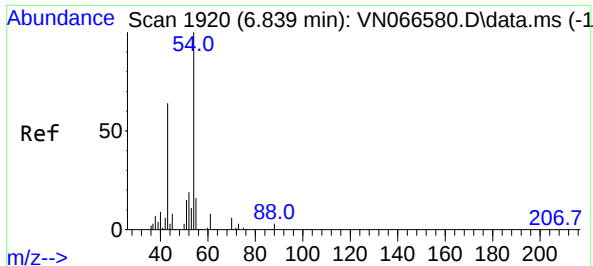
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#42
Vinyl Acetate
Concen: 29.83 ug/l
RT: 5.787 min Scan# 1528
Delta R.T. -0.006 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 43 Resp: 227213
Ion Ratio Lower Upper
43 100
86 2.1 6.7 10.1#





#43

Ethyl Acetate

Concen: 5.38 ug/l

RT: 6.836 min Scan# 1919

Delta R.T. 0.002 min

Lab File: VN066573.D

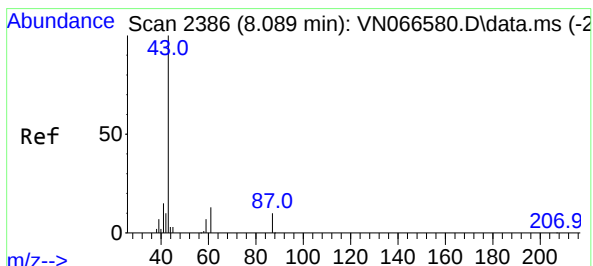
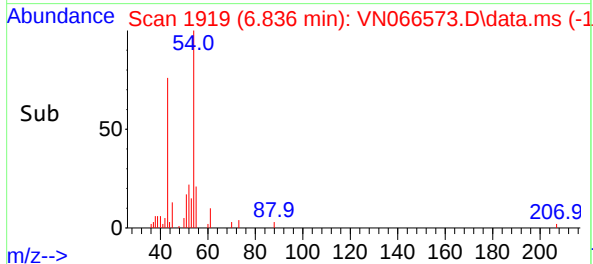
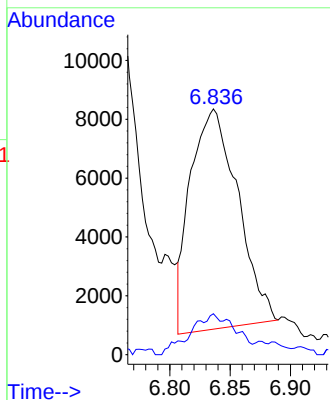
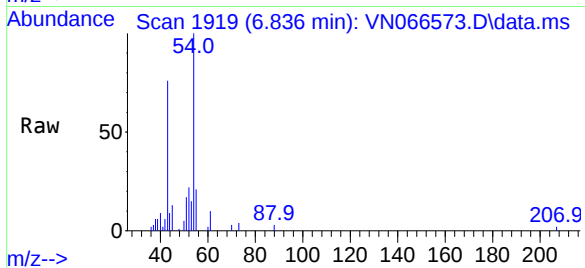
Acq: 13 Apr 2021 12:32

Tgt Ion: 43 Resp: 20438

Ion Ratio Lower Upper

43 100

45 0.8 6.3 9.5#



#44

Isopropyl Acetate

Concen: 6.07 ug/l m

RT: 8.086 min Scan# 2385

Delta R.T. -0.006 min

Lab File: VN066573.D

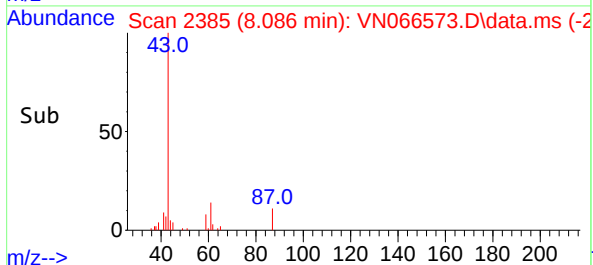
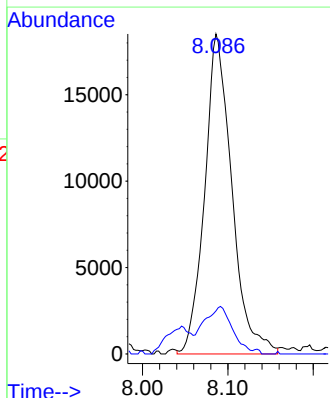
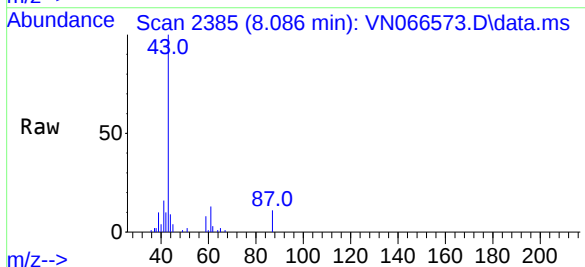
Acq: 13 Apr 2021 12:32

Tgt Ion: 43 Resp: 40959

Ion Ratio Lower Upper

43 100

61 0.1 20.4 30.6#



Instrument :

MSVOA_N

ClientSampleId :

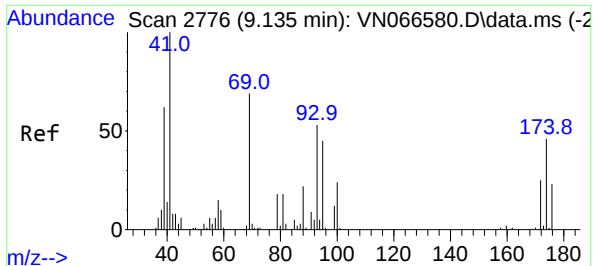
VSTDIC005

Manual Integrations

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#45
1,4-Dioxane
Concen: 97.29 ug/l m
RT: 9.137 min Scan# 2777
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

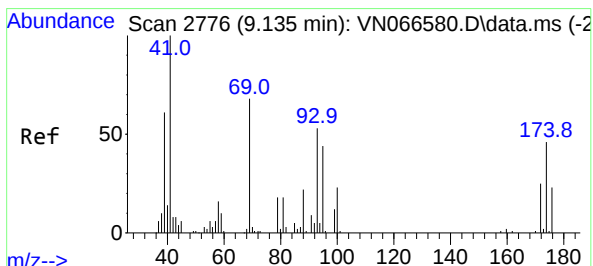
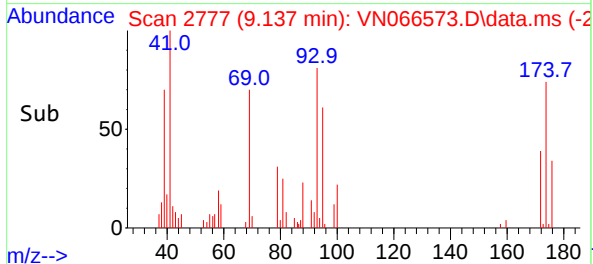
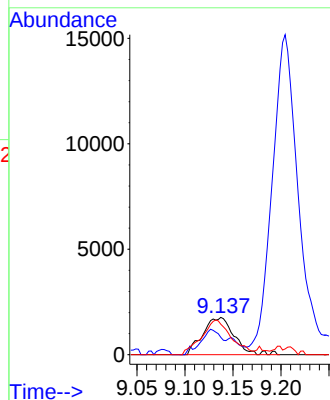
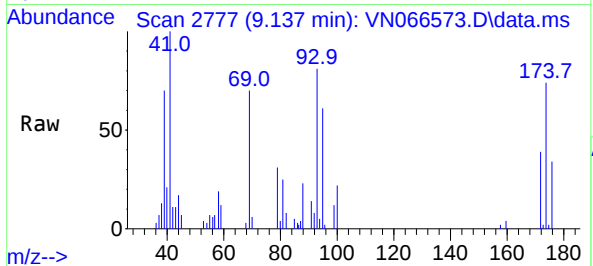
Tgt Ion: 88 Resp: 3993
Ion Ratio Lower Upper
88 100
43 29.6 27.0 40.4
58 88.5 57.9 86.9#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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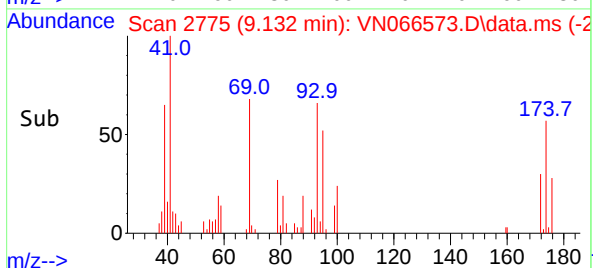
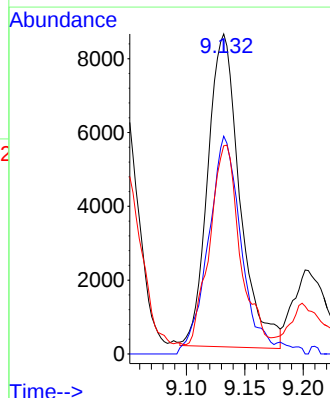
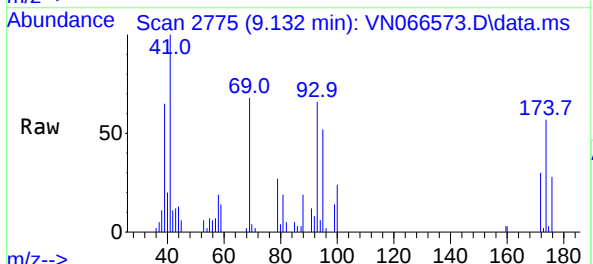
MMDadoda

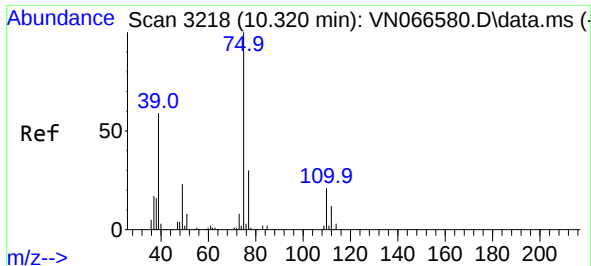
4/23/2021 2:17:10 PM



#46
Methyl methacrylate
Concen: 5.18 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 41 Resp: 16162
Ion Ratio Lower Upper
41 100
69 68.7 40.6 121.7
39 64.0 33.2 99.6





#48
 t-1,3-Dichloropropene
 Concen: 5.63 ug/l
 RT: 10.317 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VN066573.D
 Acq: 13 Apr 2021 12:32

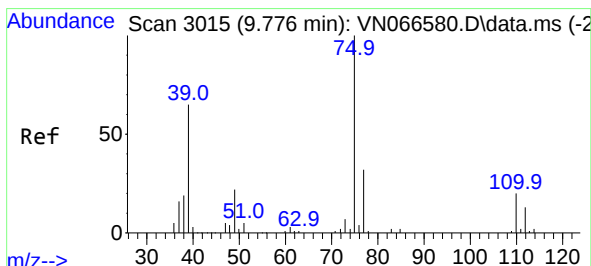
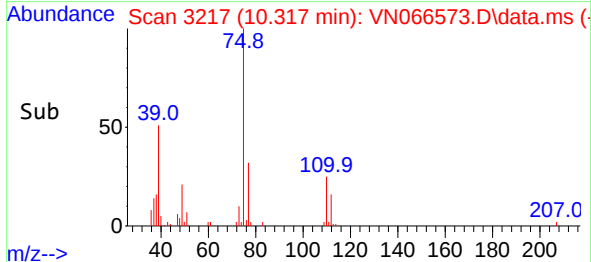
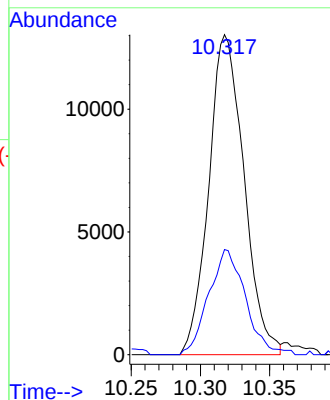
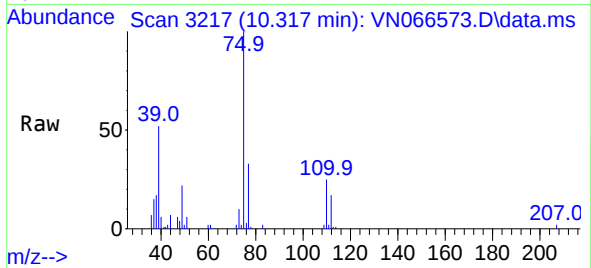
Tgt Ion: 75 Resp: 23075
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.9 37.3

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Manual Integrations
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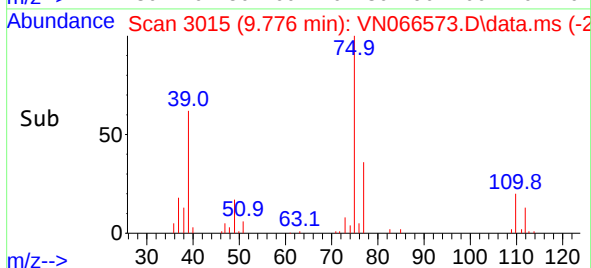
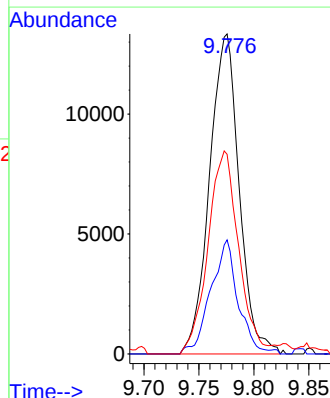
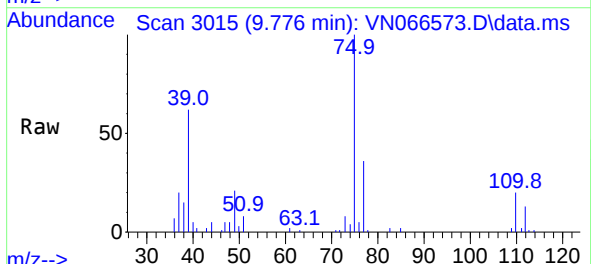
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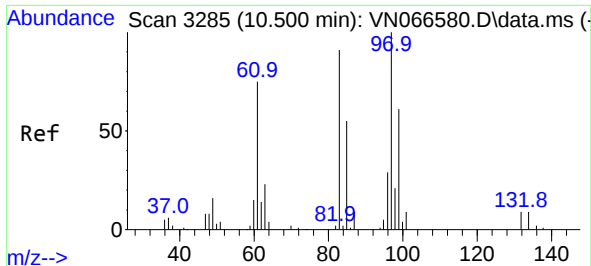
4/23/2021 2:17:10 PM



#49
 cis-1,3-Dichloropropene
 Concen: 5.68 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. 0.003 min
 Lab File: VN066573.D
 Acq: 13 Apr 2021 12:32

Tgt Ion: 75 Resp: 24996
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.0
 39 62.4 46.8 70.2





#50
1,1,2-Trichloroethane
Concen: 6.47 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

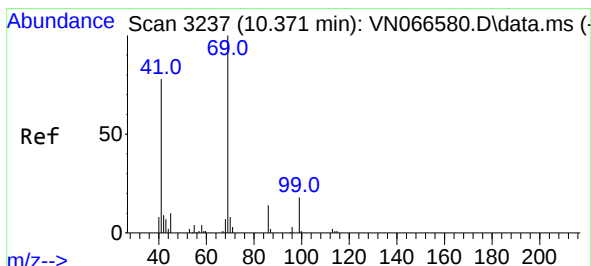
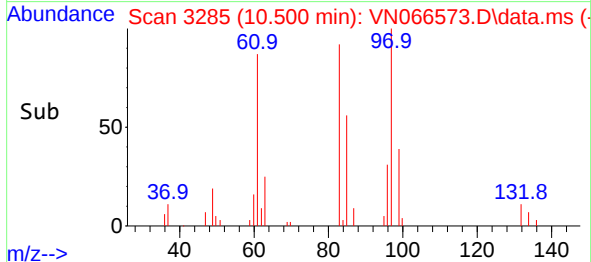
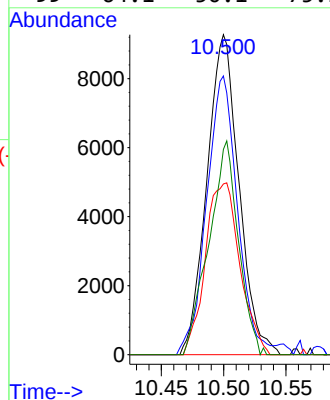
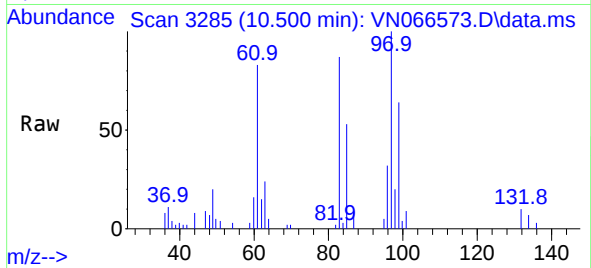
Tgt Ion:	97	Resp:	16588
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.8	103.2
85	53.3	44.8	67.2
99	64.1	50.1	75.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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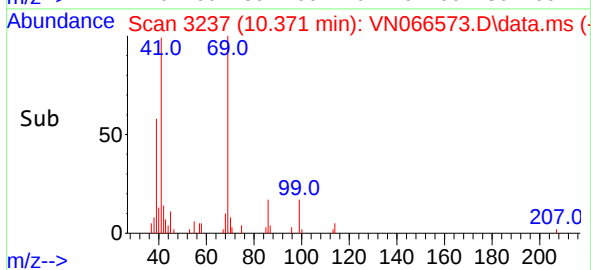
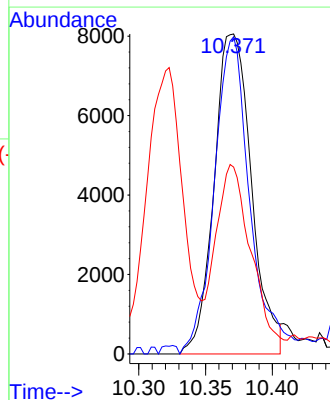
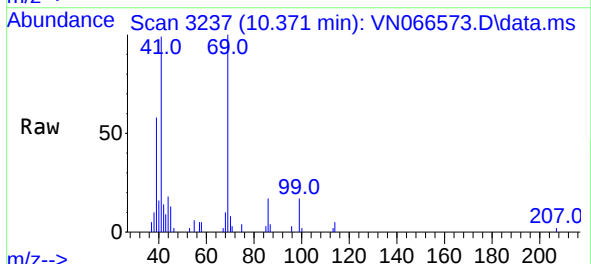
MMDadoda

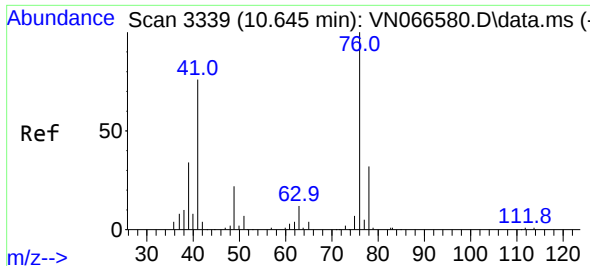
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#51
Ethyl methacrylate
Concen: 4.12 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	69	Resp:	15661
Ion	Ratio	Lower	Upper
69	100		
41	99.1	34.8	104.5
39	53.3	22.5	67.5





#52
1,3-Dichloropropane
Concen: 6.26 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

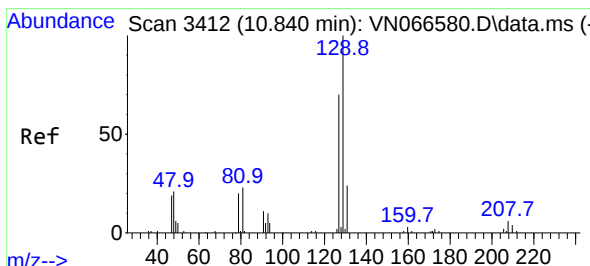
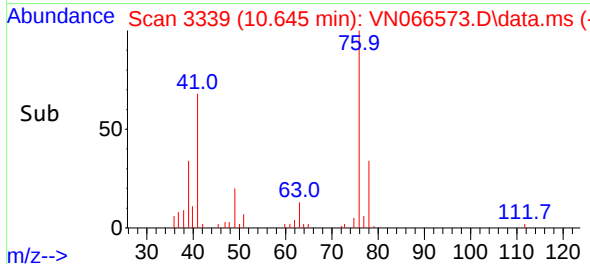
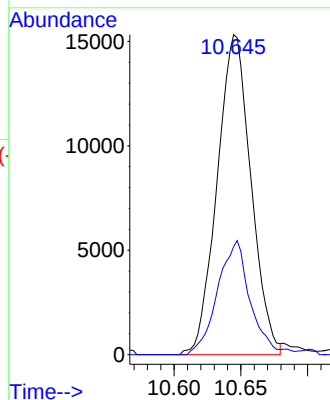
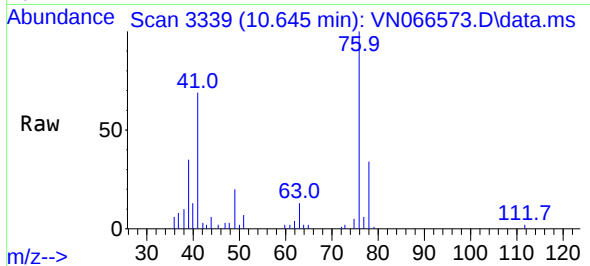
Tgt Ion: 76 Resp: 27031
Ion Ratio Lower Upper
76 100
78 33.9 0.0 65.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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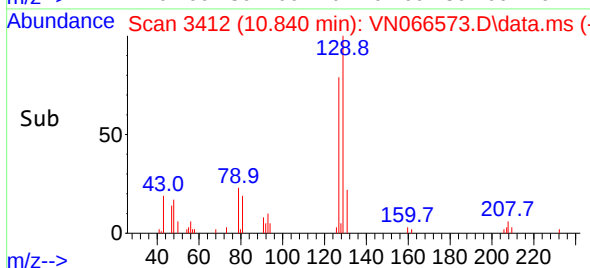
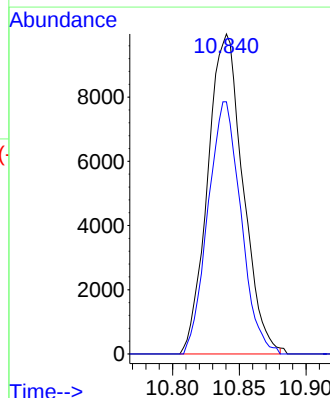
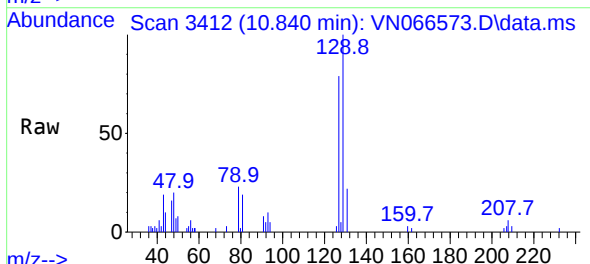
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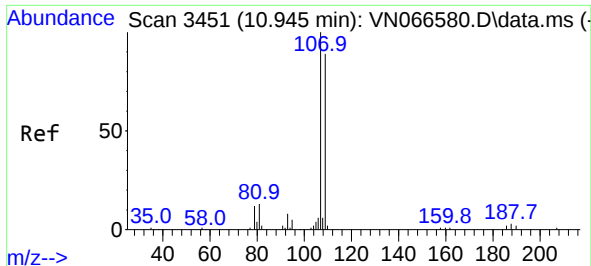
4/23/2021 2:17:10 PM



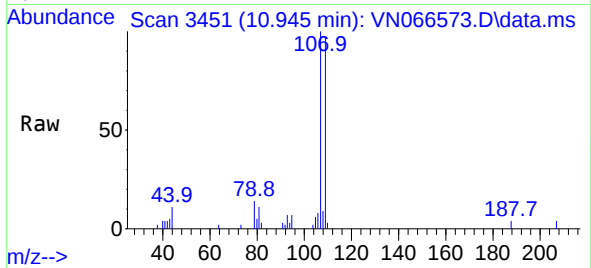
#53
Dibromochloromethane
Concen: 6.45 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 129 Resp: 18307
Ion Ratio Lower Upper
129 100
127 73.6 38.6 115.7

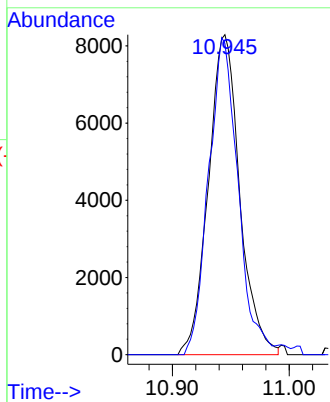
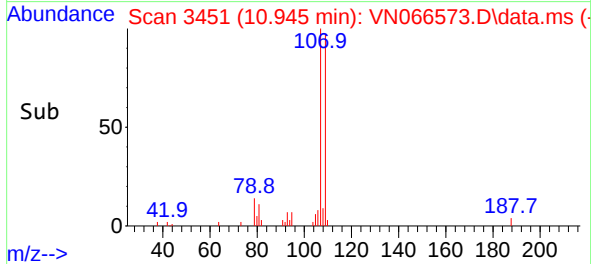




#54
1,2-Dibromoethane
Concen: 5.94 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 107 Resp: 15471
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.6

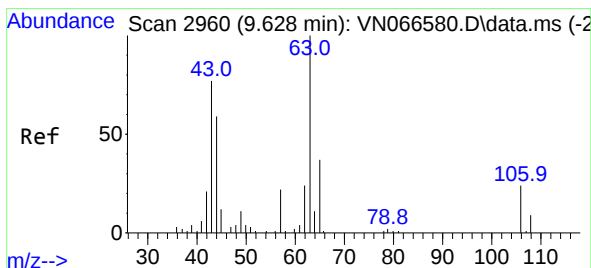


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

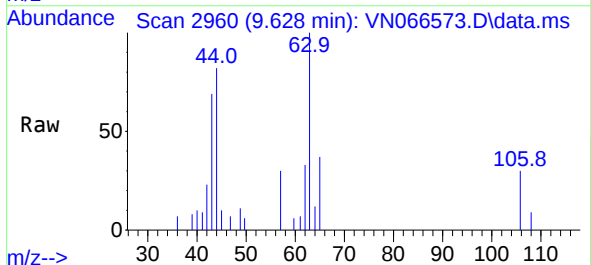
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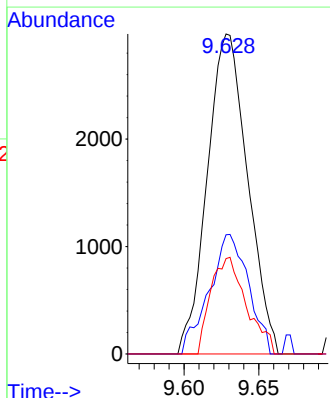
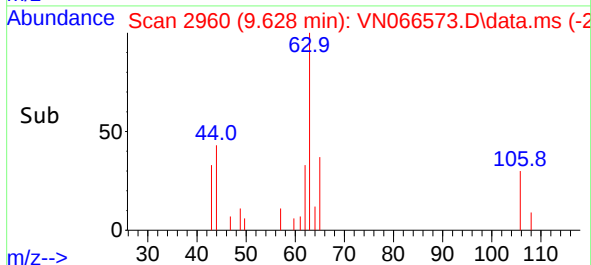
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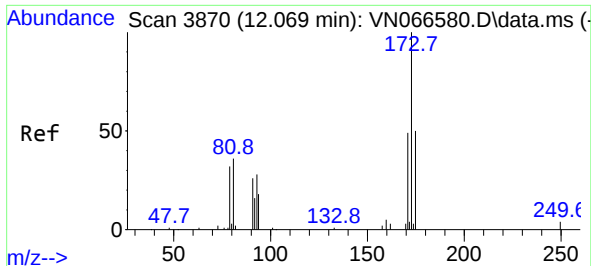


#55
2-Chloroethyl vinyl ether
Concen: 10.40 ug/l
RT: 9.628 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 63 Resp: 5592
Ion Ratio Lower Upper
63 100
65 34.4 26.0 39.0
106 25.6 20.6 31.0





#56
Bromoform
Concen: 5.08 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

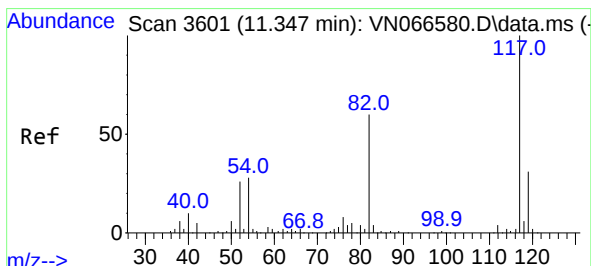
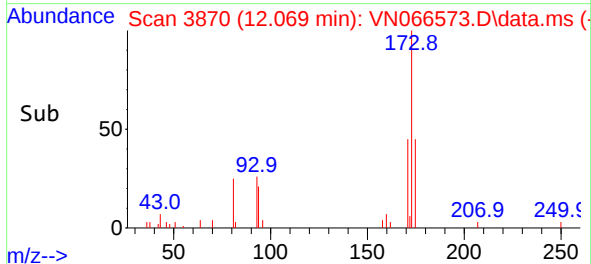
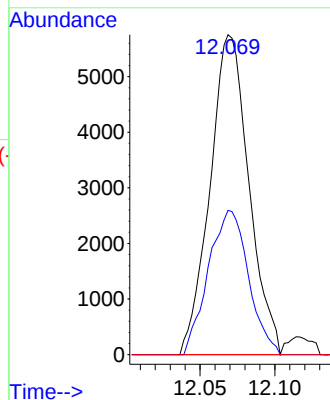
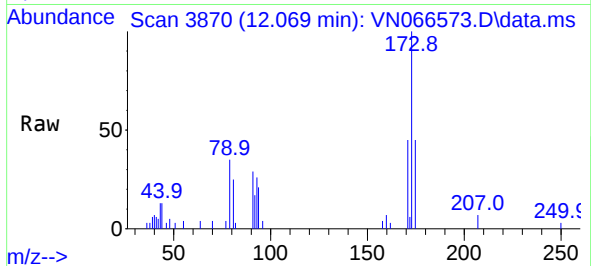
Tgt Ion:173 Resp: 10413
Ion Ratio Lower Upper
173 100
175 46.4 38.3 57.5
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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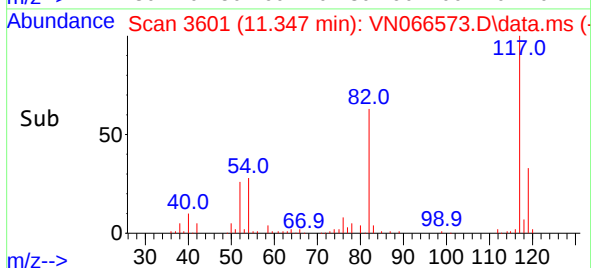
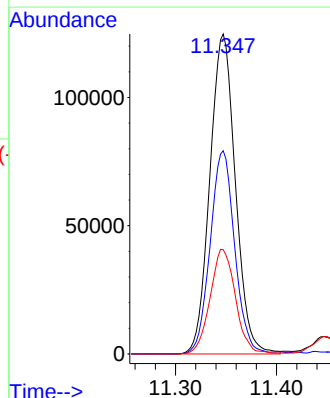
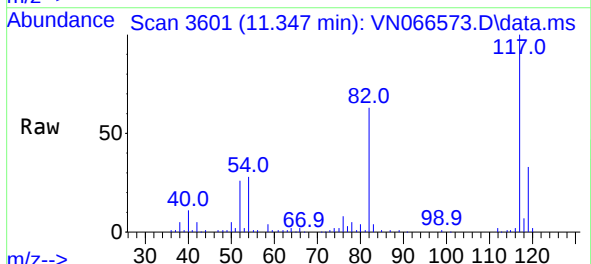
MMDadoda

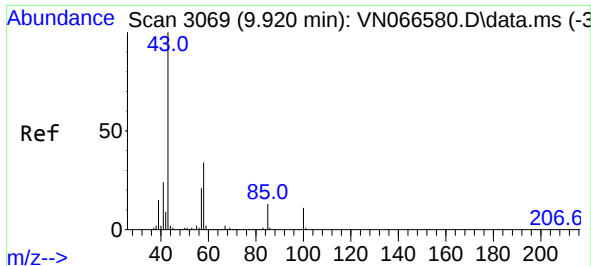
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

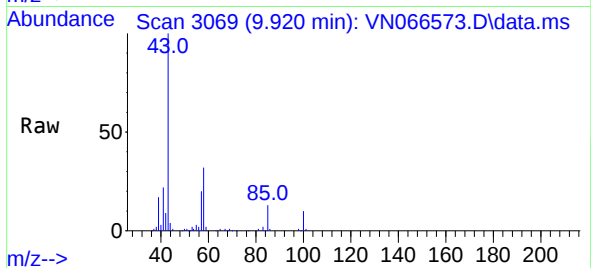
Tgt Ion:117 Resp: 218939
Ion Ratio Lower Upper
117 100
82 61.0 45.0 67.6
119 32.5 25.5 38.3





#58
4-Methyl-2-Pentanone
Concen: 25.24 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

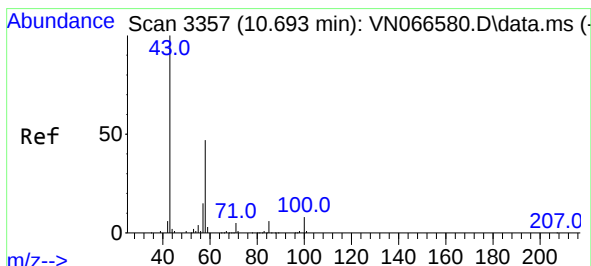
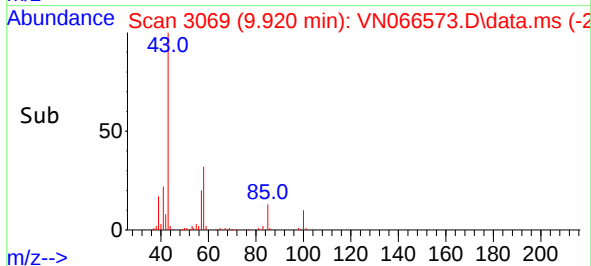
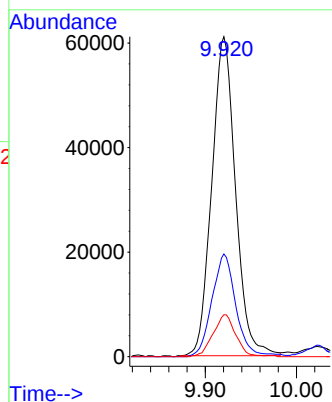


Tgt Ion: 43 Resp: 110317
Ion Ratio Lower Upper
43 100
58 32.1 30.4 45.6
85 12.6 13.8 20.8#

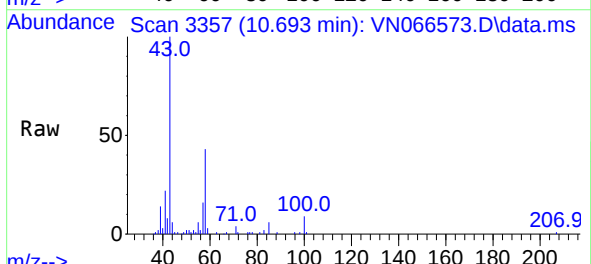
Manual Integrations
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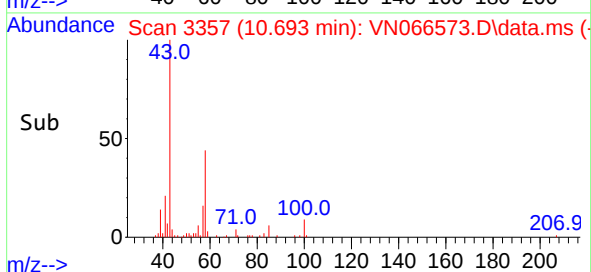
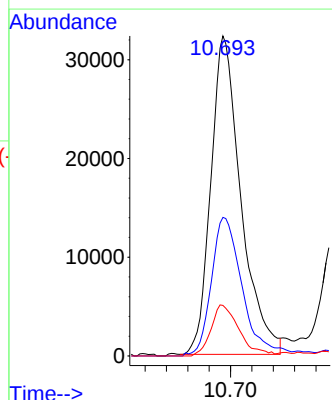
4/23/2021 2:17:10 PM

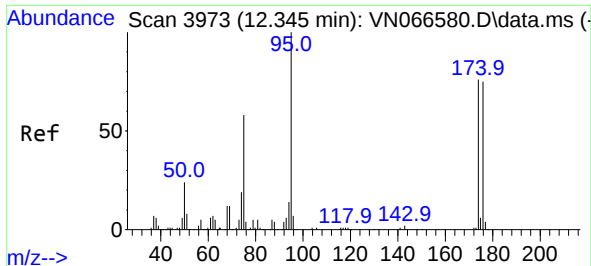


#59
2-Hexanone
Concen: 21.34 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

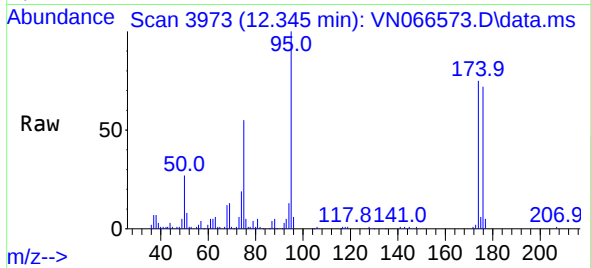


Tgt Ion: 43 Resp: 63194
Ion Ratio Lower Upper
43 100
58 42.5 41.8 62.6
57 14.8 14.9 22.3#

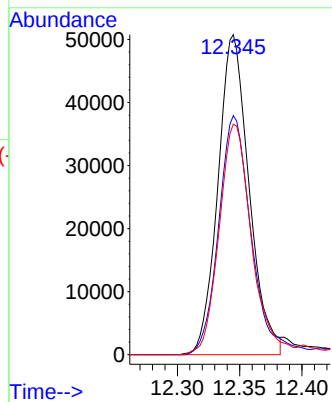
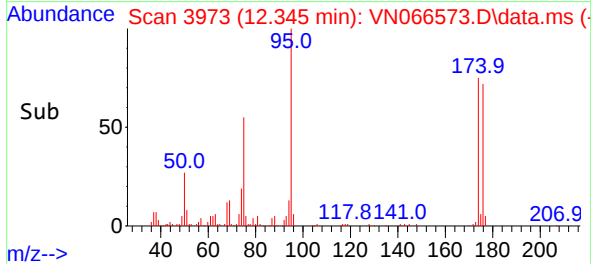




#60
4-Bromofluorobenzene
Concen: 25.65 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 95 Resp: 88122
Ion Ratio Lower Upper
95 100
174 78.6 68.1 102.1
176 74.8 65.4 98.0

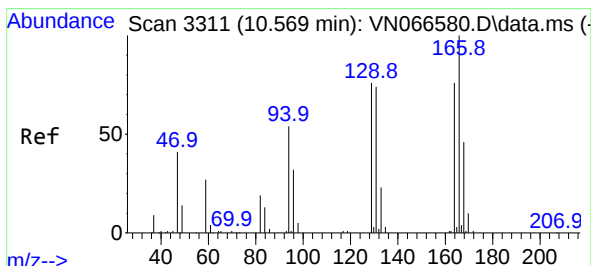


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

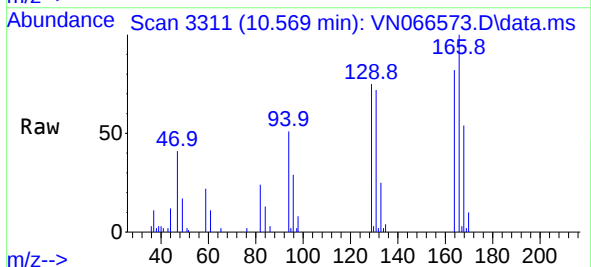
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MMDadoda

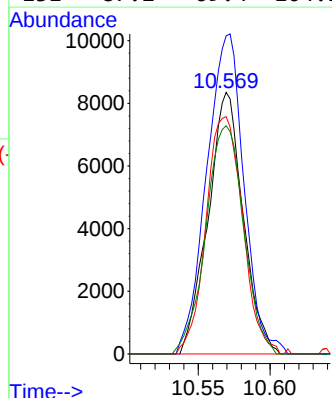
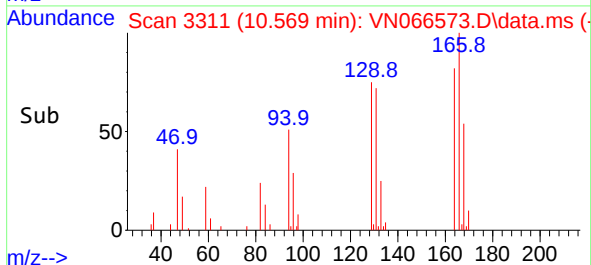
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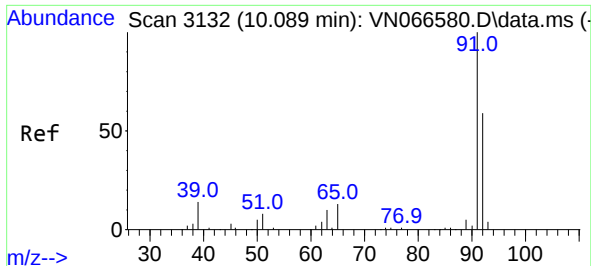


#61
Tetrachloroethene
Concen: 4.93 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 164 Resp: 14181
Ion Ratio Lower Upper
164 100
166 117.6 100.5 150.7
129 90.7 74.7 112.1
131 87.2 69.4 104.2





#62
Toluene
Concen: 5.53 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

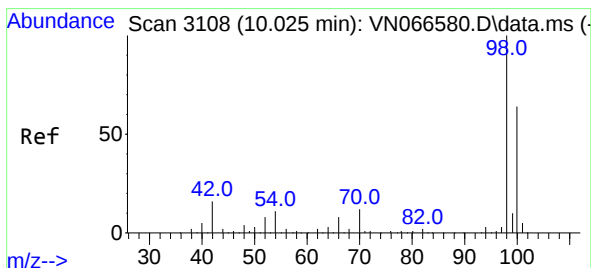
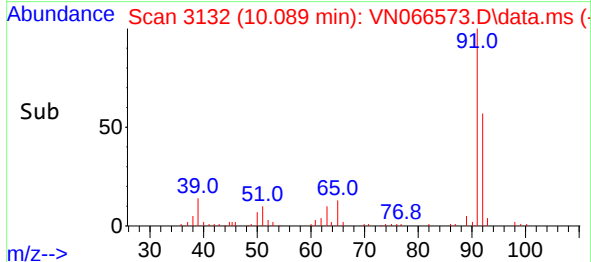
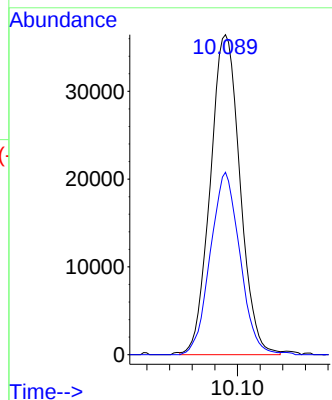
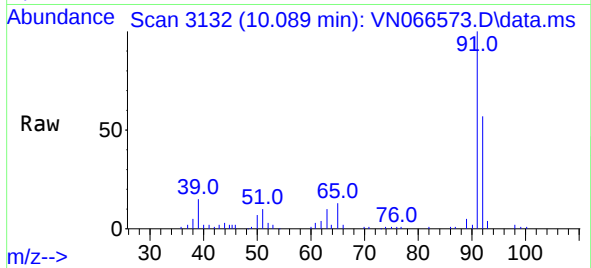
Tgt Ion: 91 Resp: 66481
Ion Ratio Lower Upper
91 100
92 56.6 46.2 69.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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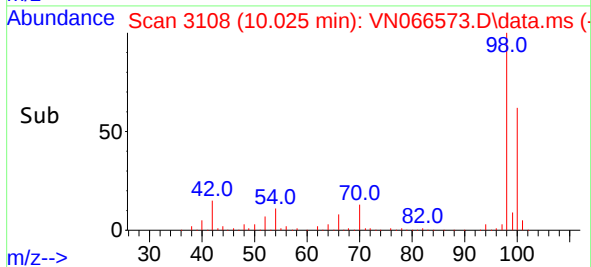
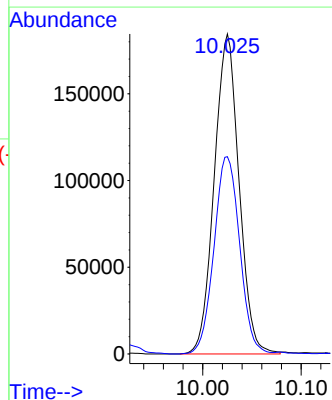
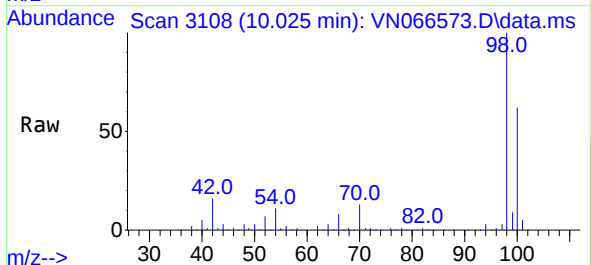
MMDadoda

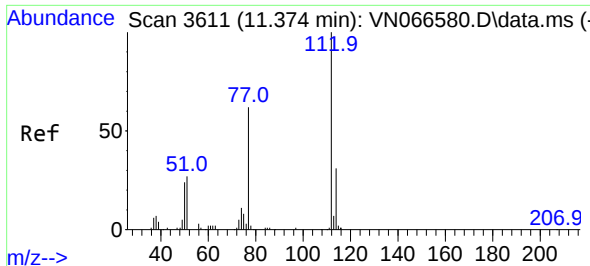
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#63
Toluene-d8
Concen: 31.03 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

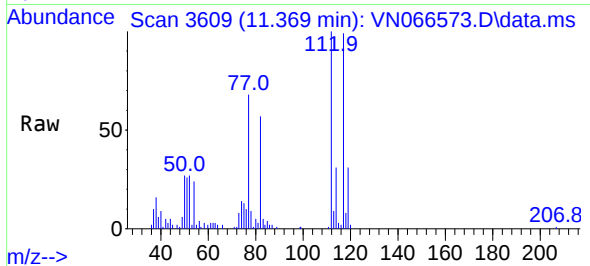
Tgt Ion: 98 Resp: 323114
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#64
Chlorobenzene
Concen: 5.39 ug/l
RT: 11.369 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

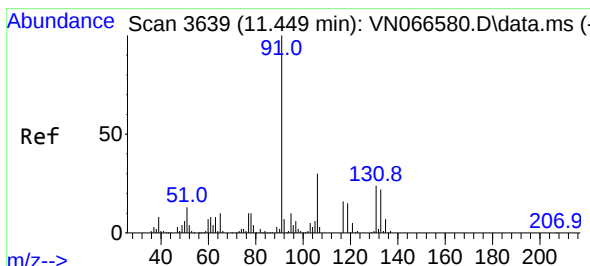
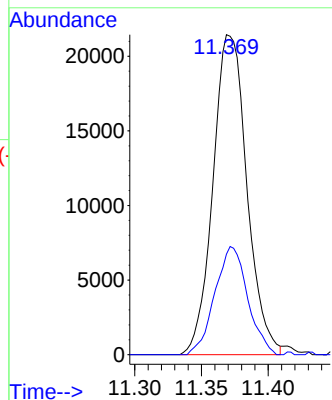
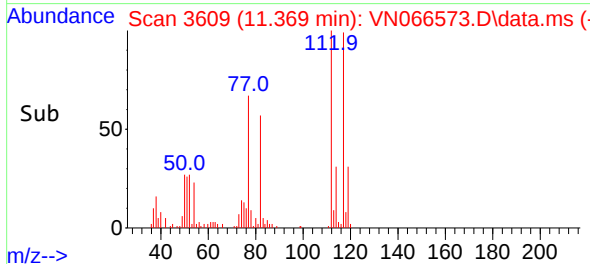


Tgt Ion:112 Resp: 37920
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

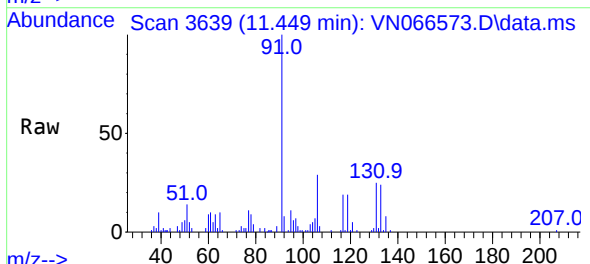
Manual Integrations
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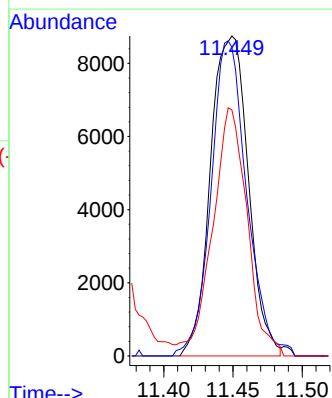
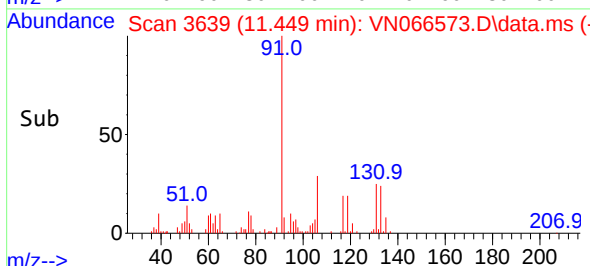
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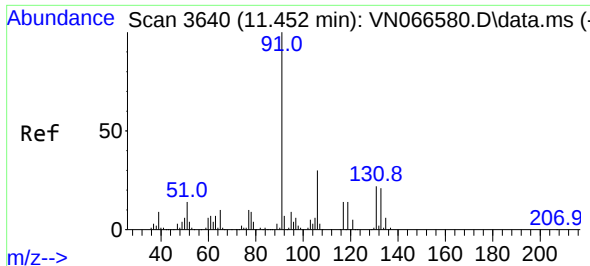


#65
1,1,1,2-Tetrachloroethane
Concen: 5.94 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



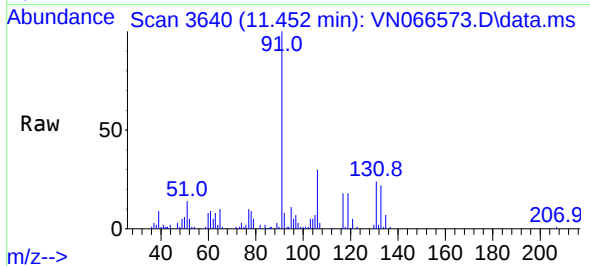
Tgt Ion:131 Resp: 16612
Ion Ratio Lower Upper
131 100
133 93.2 0.0 188.4
119 70.8 0.0 134.4





#66
Ethyl Benzene
Concen: 4.80 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

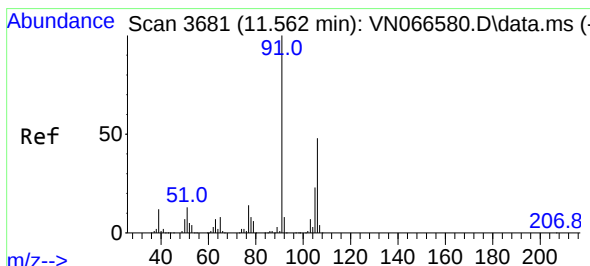
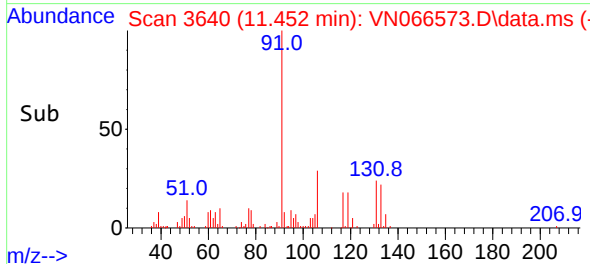
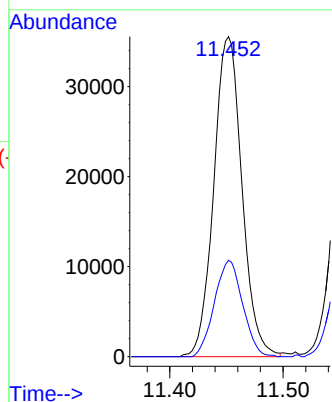


Tgt Ion: 91 Resp: 61346
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3

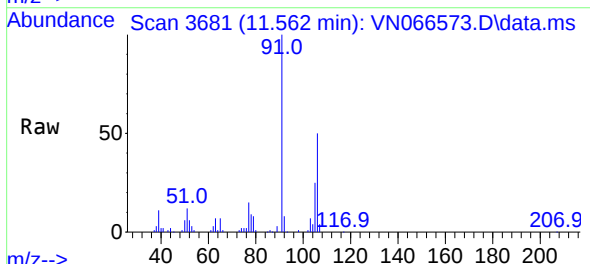
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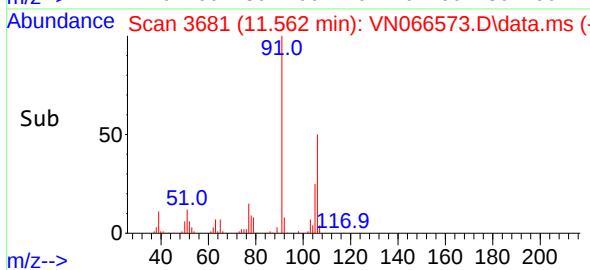
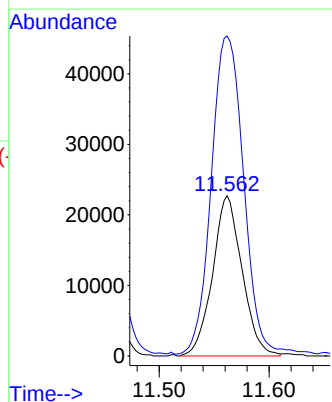
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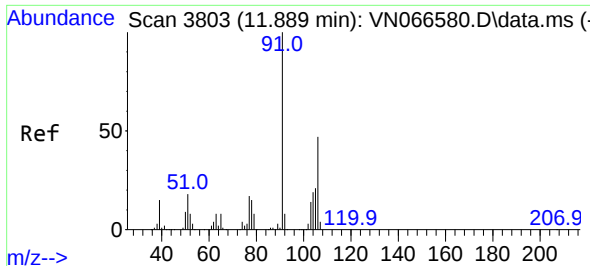


#67
m/p-Xylenes
Concen: 8.87 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



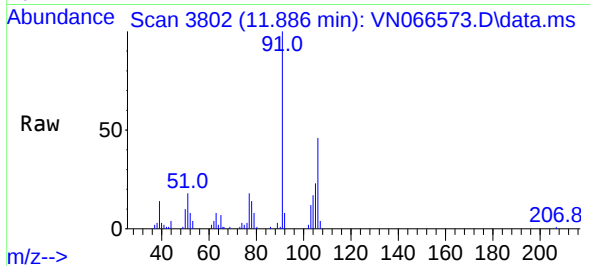
Tgt Ion: 106 Resp: 42315
Ion Ratio Lower Upper
106 100
91 215.2 164.8 247.2





#68
o-Xylene
Concen: 4.12 ug/l
RT: 11.886 min Scan# 3802
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

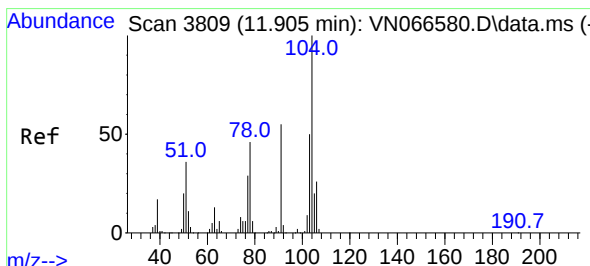
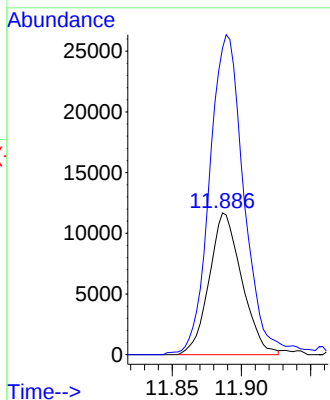
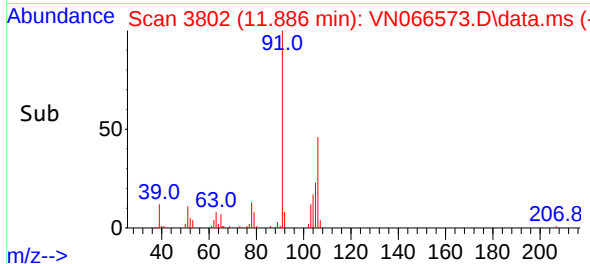


Tgt Ion:106 Resp: 19106
Ion Ratio Lower Upper
106 100
91 236.0 107.1 321.4

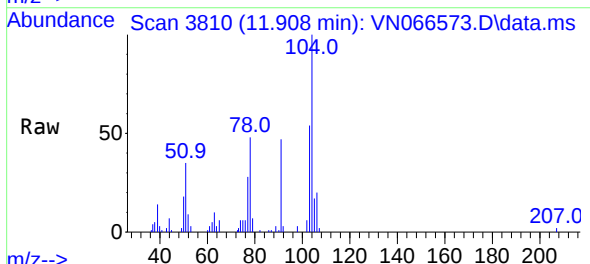
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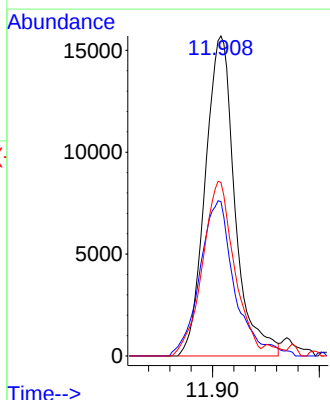
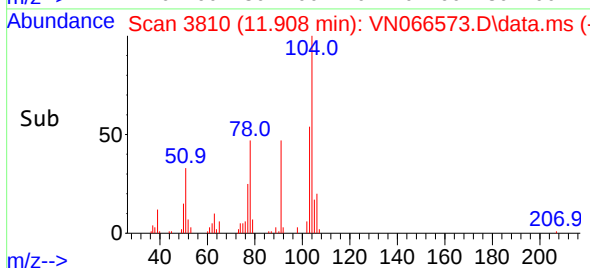
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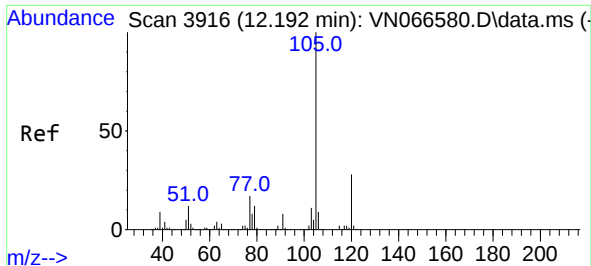


#69
Styrene
Concen: 4.06 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



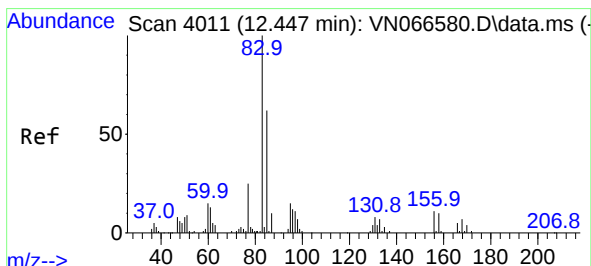
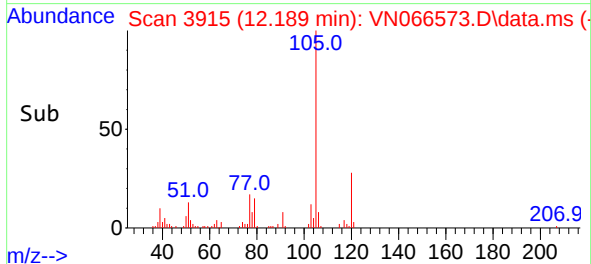
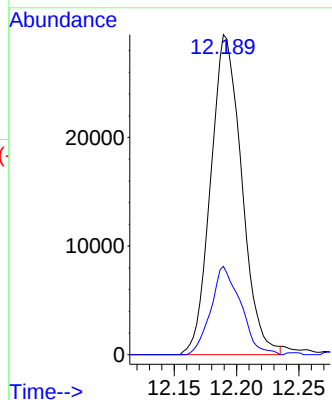
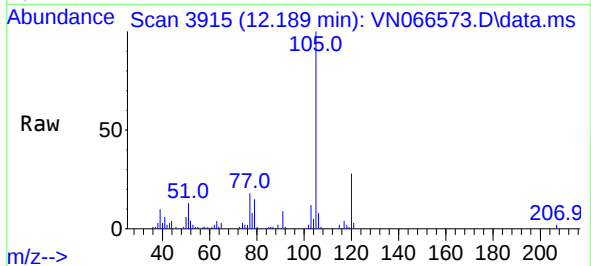
Tgt Ion:104 Resp: 30398
Ion Ratio Lower Upper
104 100
78 54.9 41.0 61.6
103 58.3 43.7 65.5





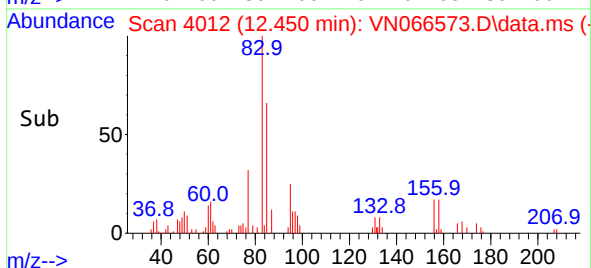
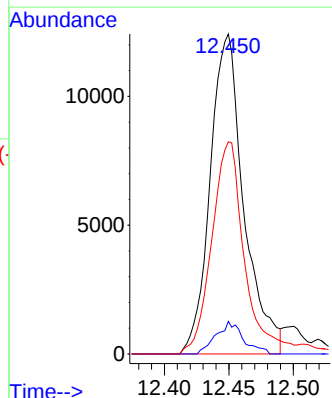
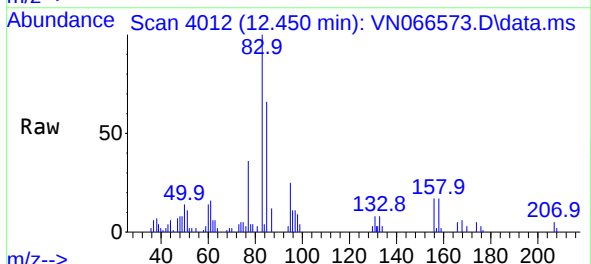
#70
Isopropylbenzene
Concen: 4.18 ug/l
RT: 12.189 min Scan# 3915
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 105 Resp: 50989
Ion Ratio Lower Upper
105 100
120 26.5 18.7 34.7



#71
1,1,2,2-Tetrachloroethane
Concen: 5.62 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion: 83 Resp: 22508
Ion Ratio Lower Upper
83 100
131 4.9 4.9 14.6
85 64.2 31.4 94.2

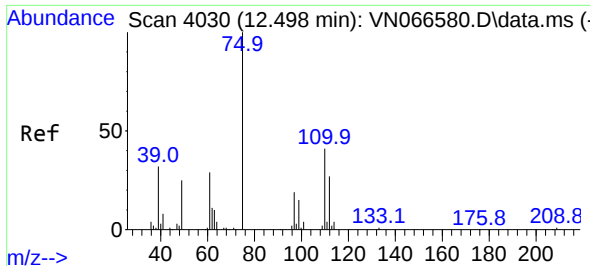


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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#72
1,2,3-Trichloropropane
Concen: 4.85 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

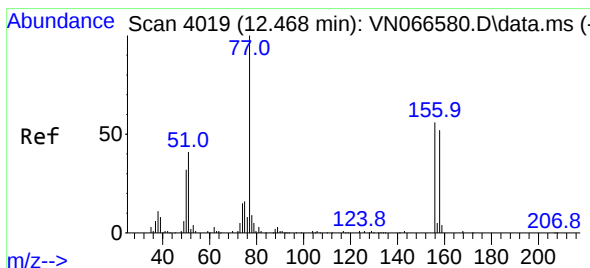
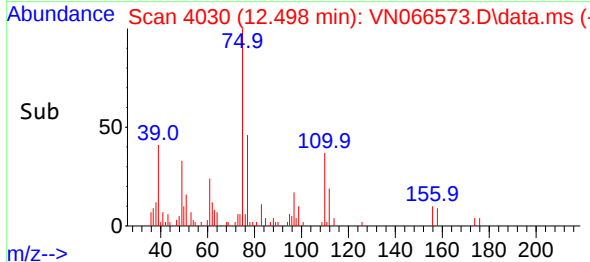
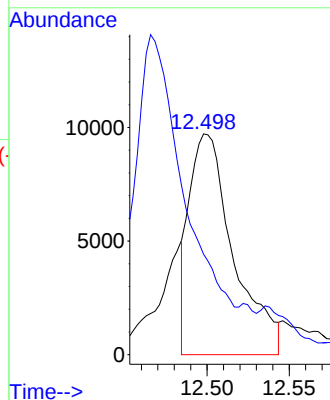
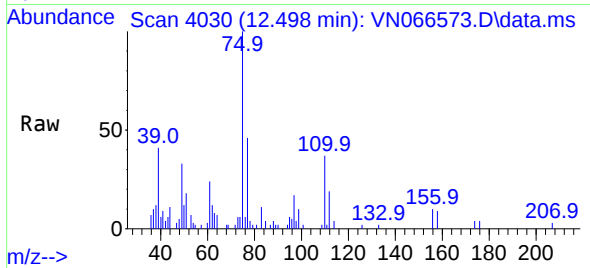
Tgt Ion: 75 Resp: 18140
Ion Ratio Lower Upper
75 100
77 10.8 0.0 310.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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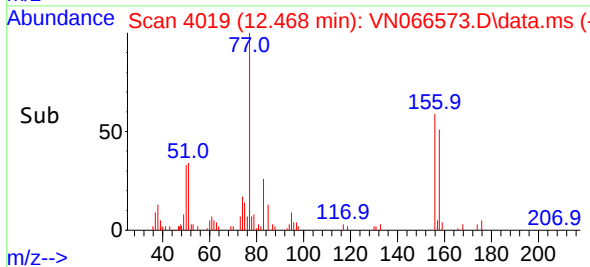
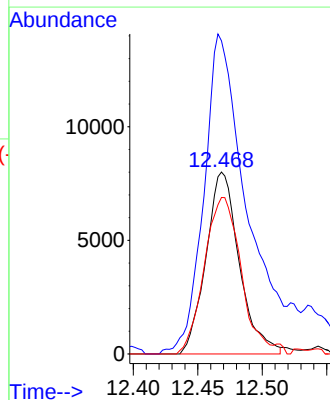
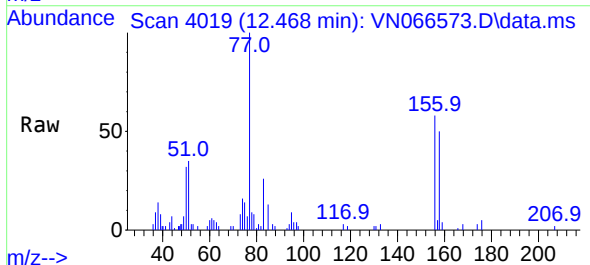
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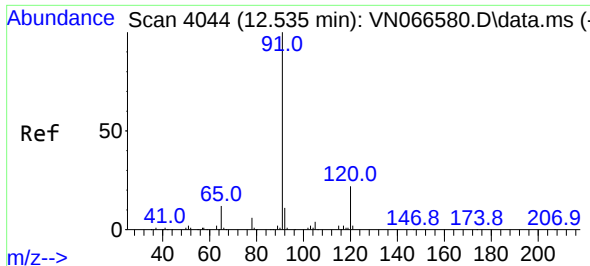
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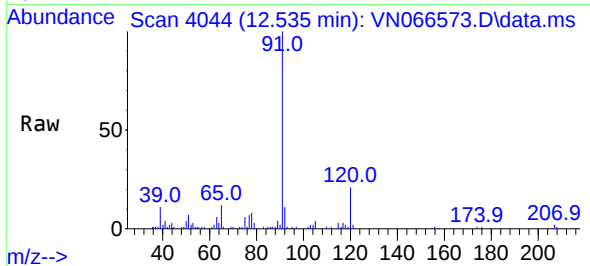
#73
Bromobenzene
Concen: 4.77 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:156 Resp: 14406
Ion Ratio Lower Upper
156 100
77 223.8 0.0 399.6
158 93.8 0.0 192.8

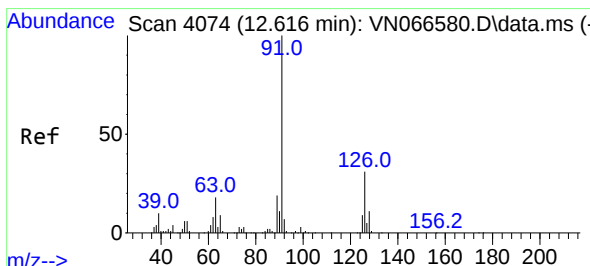
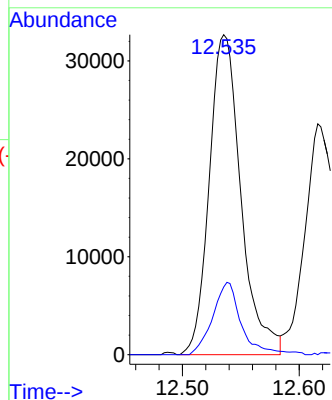
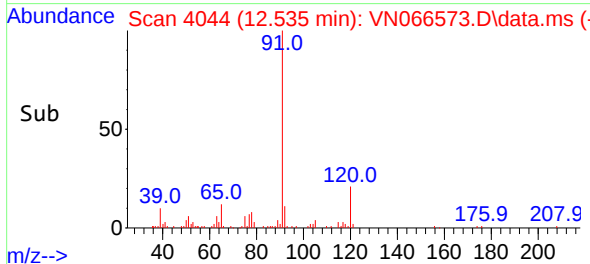




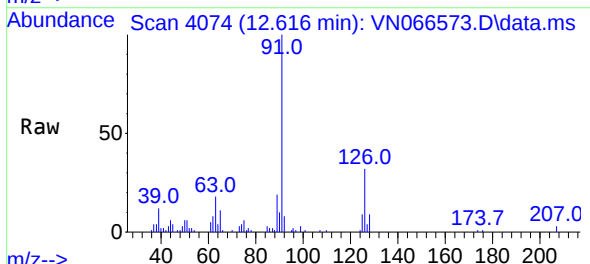
#74
n-propylbenzene
Concen: 4.49 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



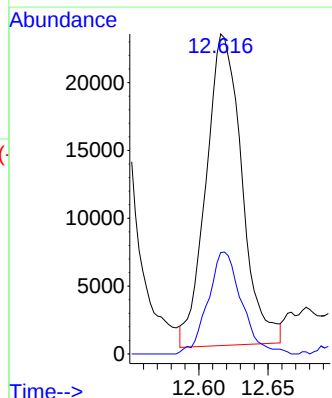
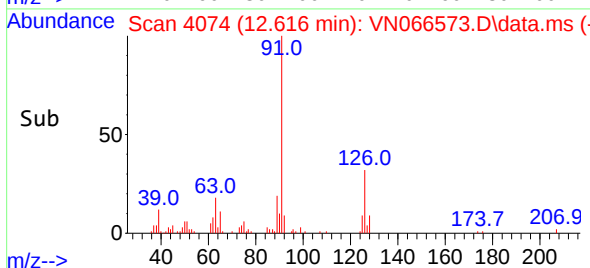
Tgt Ion: 91 Resp: 61545
Ion Ratio Lower Upper
91 100
120 20.2 0.0 45.2



#75
2-Chlorotoluene
Concen: 4.96 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 91 Resp: 41272
Ion Ratio Lower Upper
91 100
126 28.0 0.0 68.6

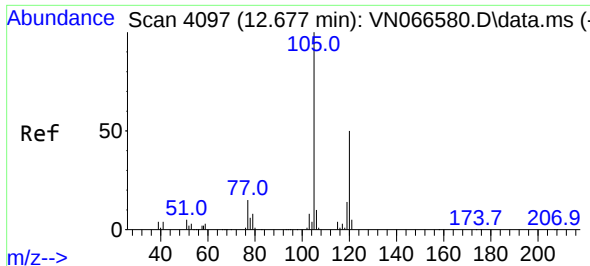


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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#76
1,3,5-Trimethylbenzene
Concen: 4.24 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

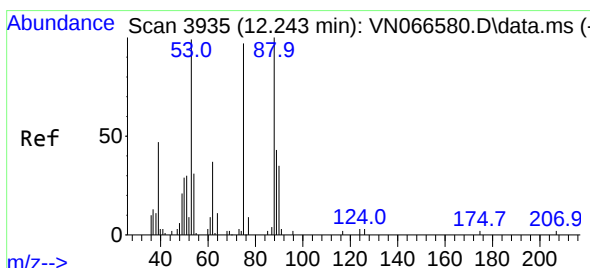
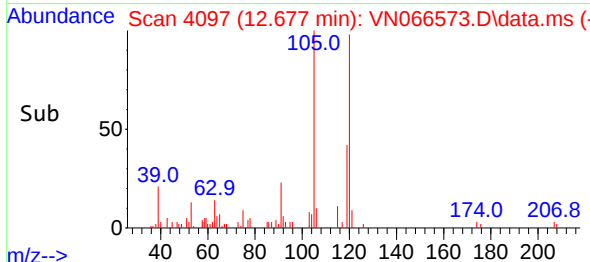
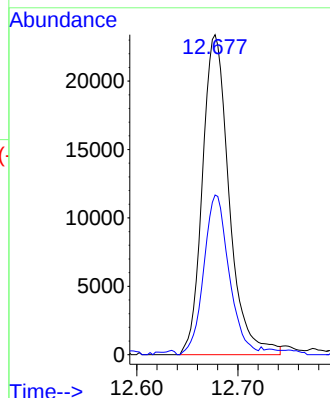
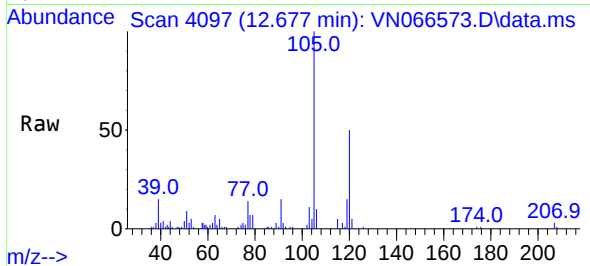
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 43038
Ion Ratio Lower Upper
105 100
120 47.3 0.0 98.2

Manual Integrations
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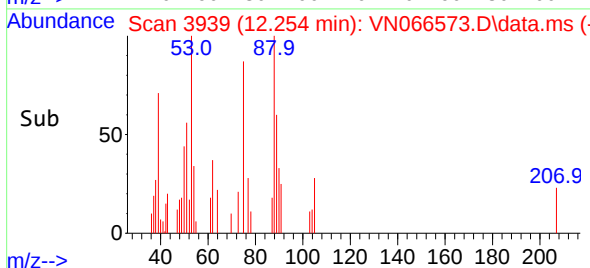
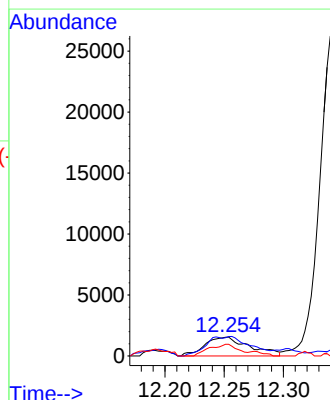
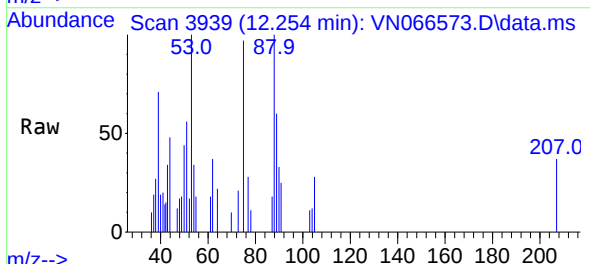
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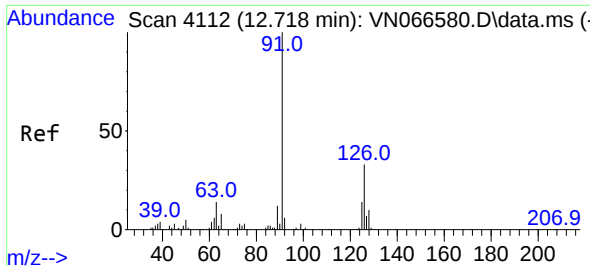
4/23/2021 2:17:10 PM



#77
t-1,4-Dichloro-2-butene
Concen: 3.46 ug/l m
RT: 12.254 min Scan# 3939
Delta R.T. 0.008 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

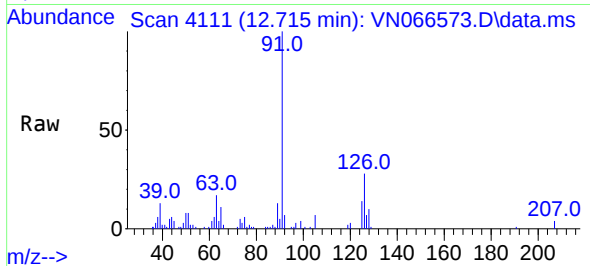
Tgt Ion: 75 Resp: 4069
Ion Ratio Lower Upper
75 100
53 102.8 49.6 149.0
89 61.7 22.9 68.7





#78
4-Chlorotoluene
Concen: 4.03 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

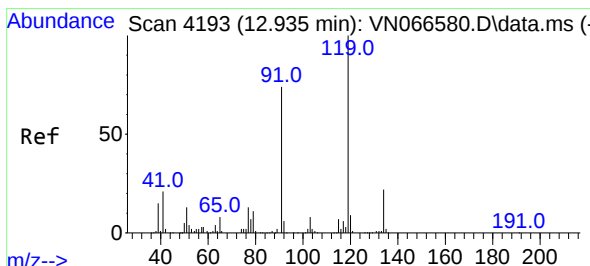
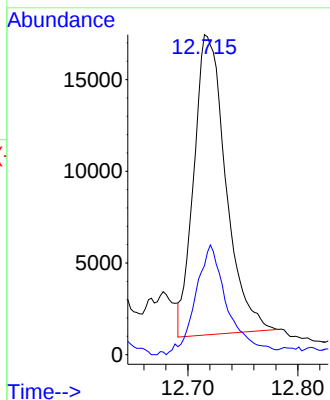
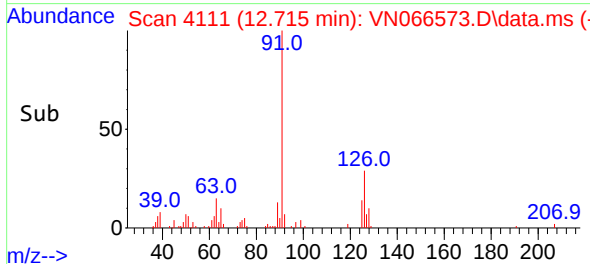


Tgt Ion: 91 Resp: 32962
Ion Ratio Lower Upper
91 100
126 36.0 0.0 65.4

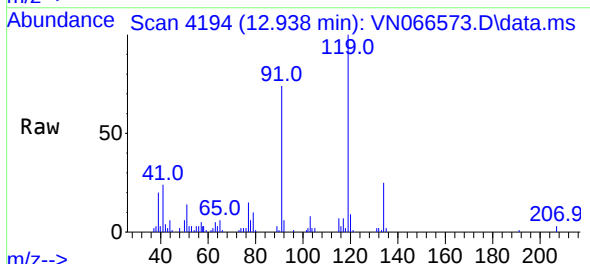
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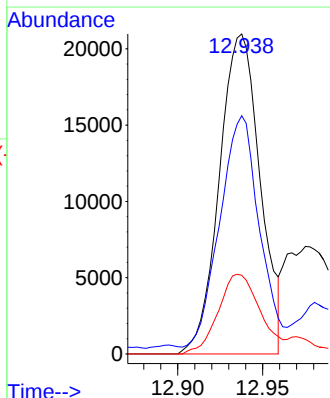
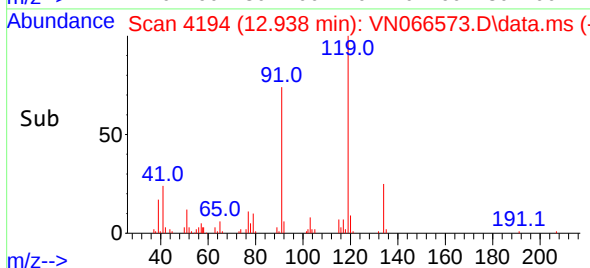
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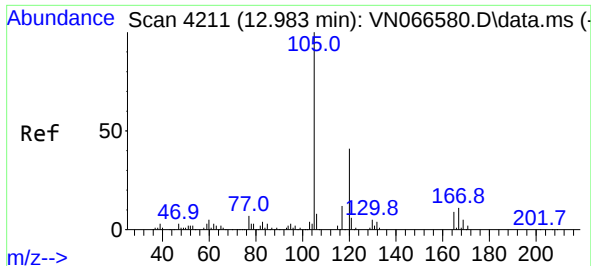


#79
tert-butylbenzene
Concen: 4.02 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

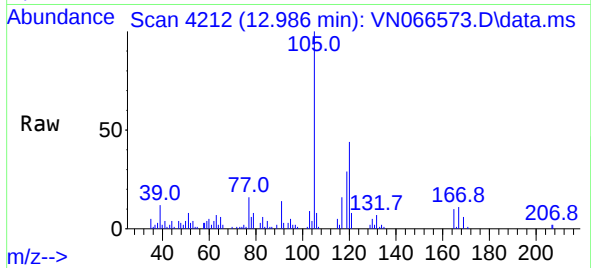


Tgt Ion: 119 Resp: 35025
Ion Ratio Lower Upper
119 100
91 69.9 0.0 133.4
134 25.5 0.0 51.0

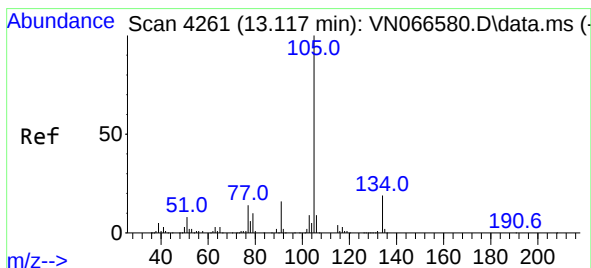
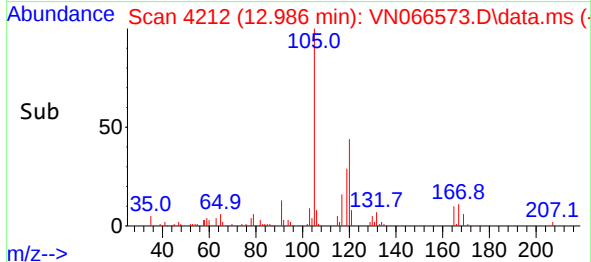
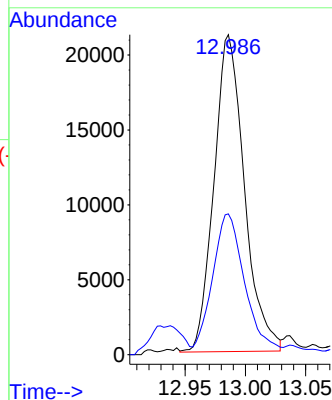




#80
1,2,4-Trimethylbenzene
Concen: 3.78 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

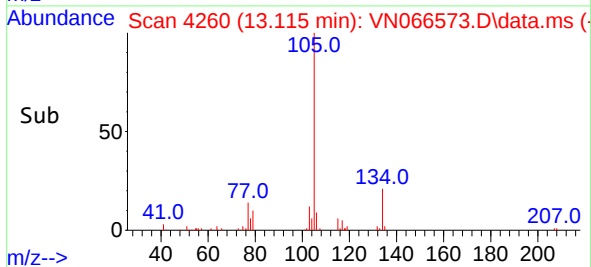
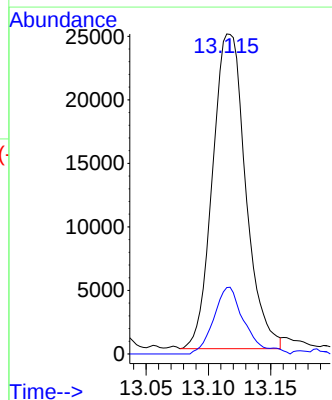
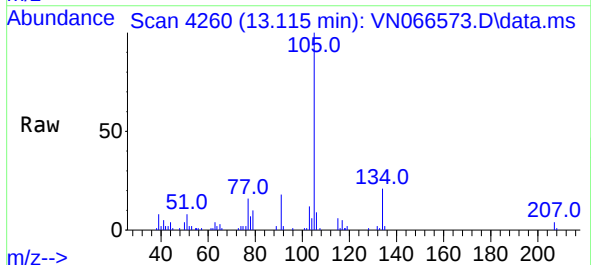


Tgt Ion:105 Resp: 37114
Ion Ratio Lower Upper
105 100
120 42.5 0.0 90.6



#81
sec-Butylbenzene
Concen: 4.08 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:105 Resp: 45753
Ion Ratio Lower Upper
105 100
134 19.1 0.0 40.0

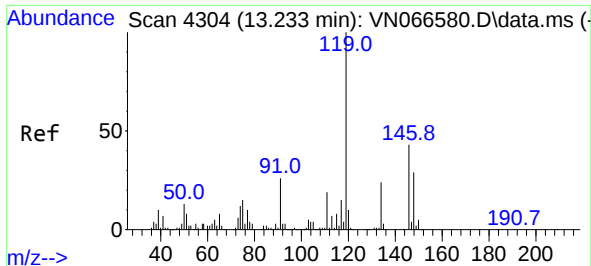


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

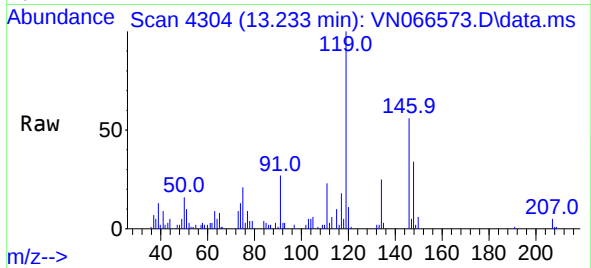
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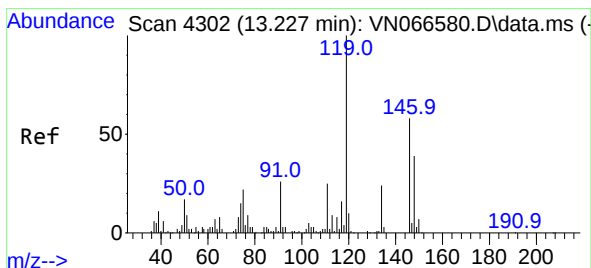
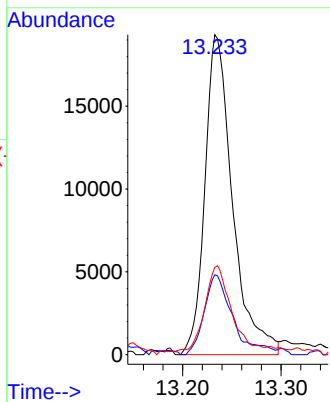
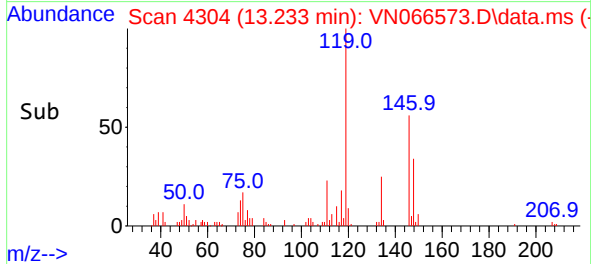
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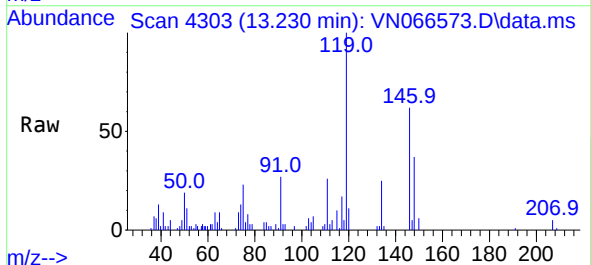
#82
p-Isopropyltoluene
Concen: 3.82 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



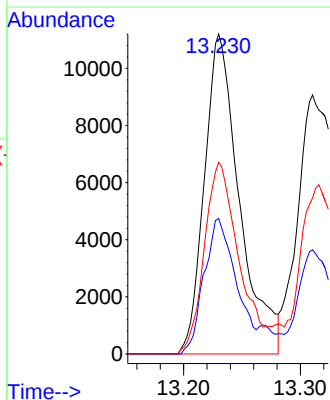
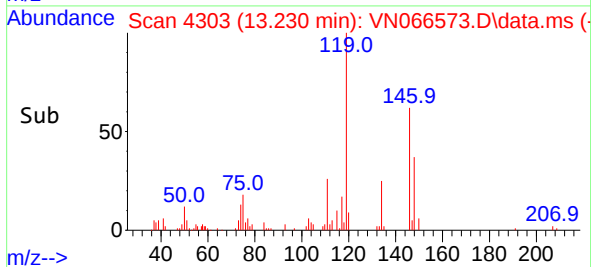
Tgt Ion:	119	Resp:	37691
Ion Ratio	Lower	Upper	
119	100		
134	24.6	0.0	53.4
91	23.4	0.0	47.6



#83
1,3-Dichlorobenzene
Concen: 4.65 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.002 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion:	146	Resp:	23384
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.3	57.9
148	57.8	31.9	95.9

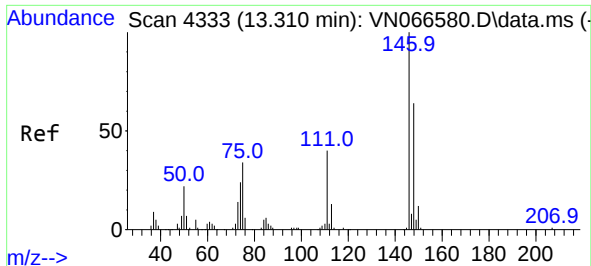


Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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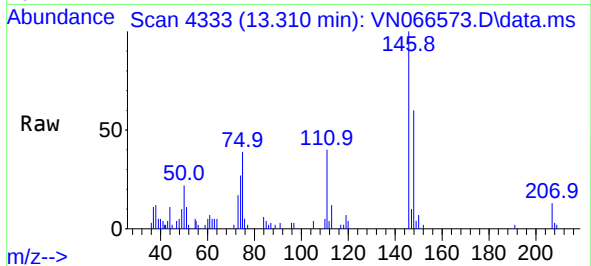
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#84
1,4-Dichlorobenzene
Concen: 3.23 ug/l
RT: 13.310 min Scan# 4333
Delta R.T. 0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

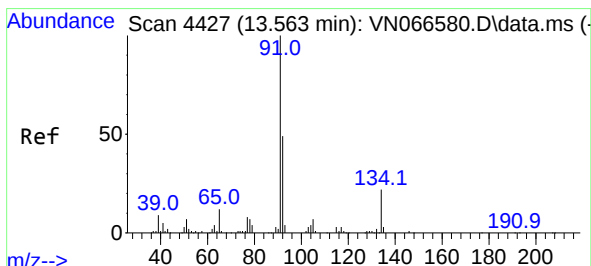
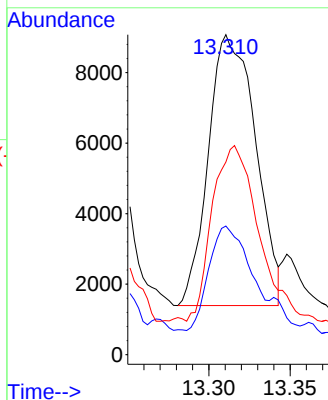
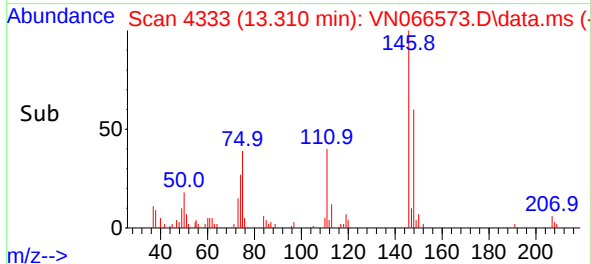


Tgt Ion:146 Resp: 15499
Ion Ratio Lower Upper
146 100
111 33.8 18.4 55.0
148 63.4 31.9 95.5

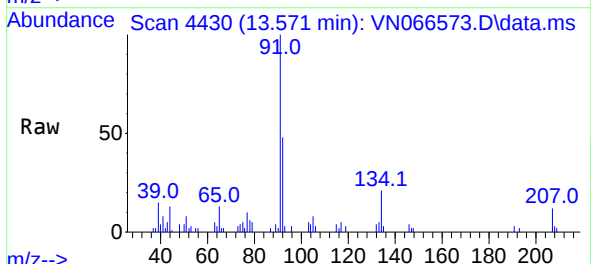
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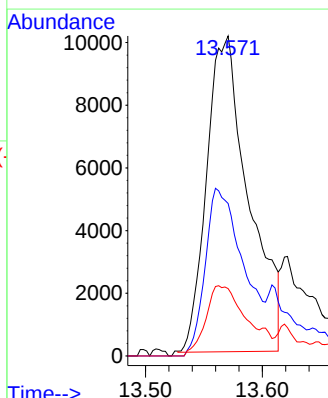
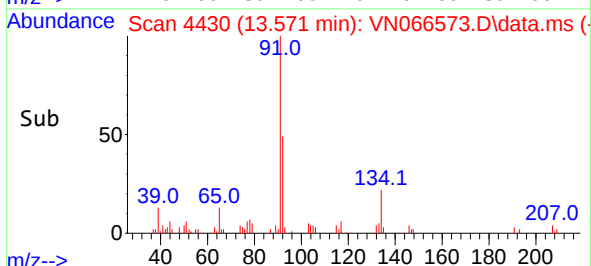
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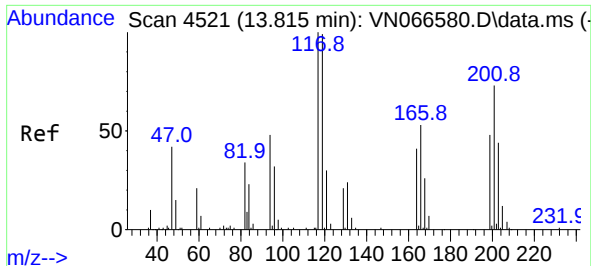


#85
n-Butylbenzene
Concen: 3.17 ug/l
RT: 13.571 min Scan# 4430
Delta R.T. 0.011 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 91 Resp: 25217
Ion Ratio Lower Upper
91 100
92 48.6 0.0 102.6
134 9.0 0.0 49.0





#86
Hexachloroethane
Concen: 6.05 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

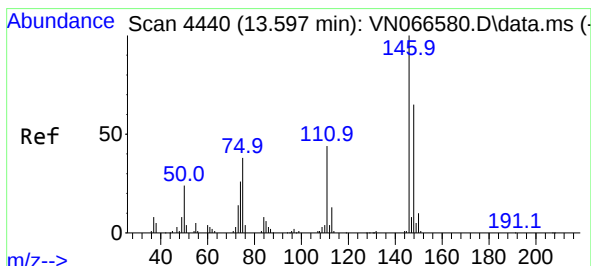
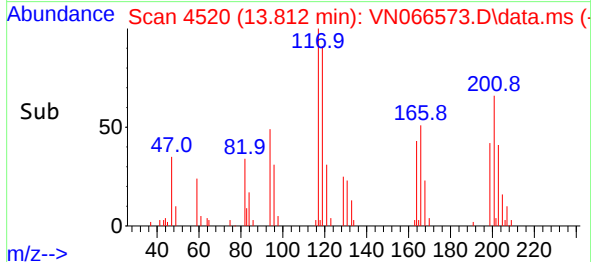
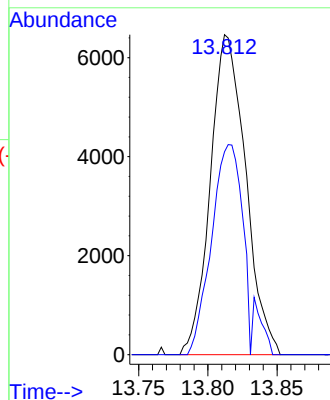
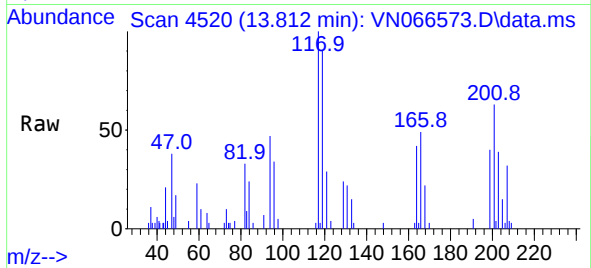
Tgt Ion:117 Resp: 11471
Ion Ratio Lower Upper
117 100
201 56.7 43.3 129.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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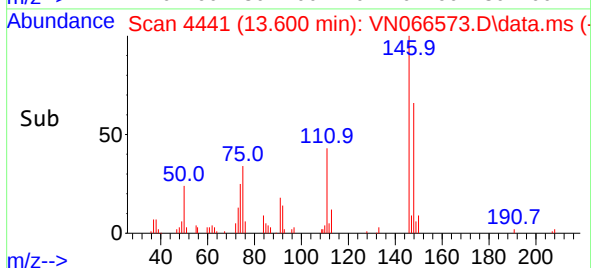
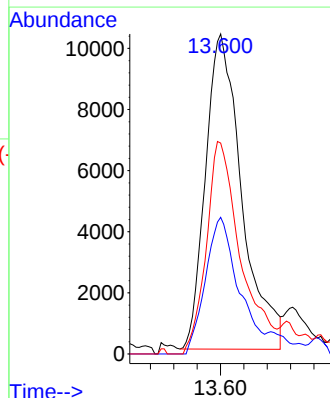
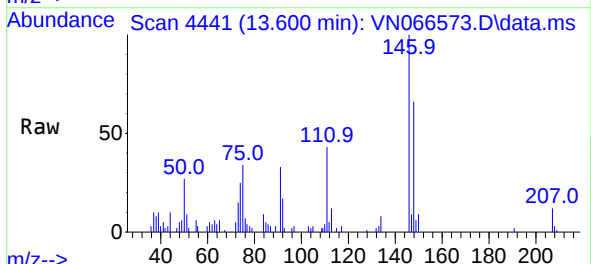
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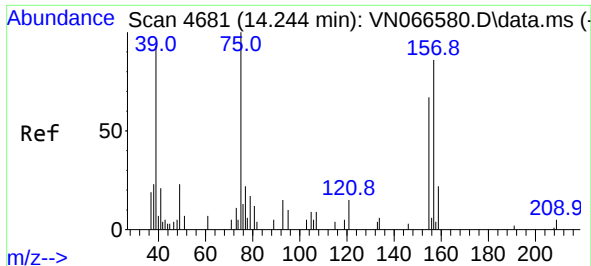
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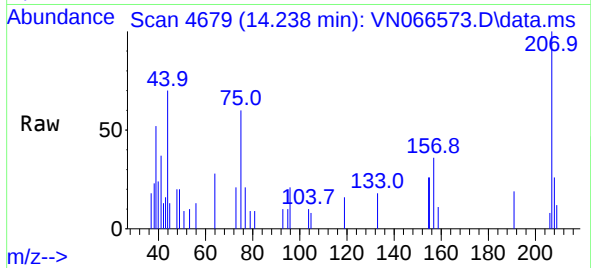
#87
1,2-Dichlorobenzene
Concen: 4.51 ug/l
RT: 13.600 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:146 Resp: 22252
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.7 32.0 96.0

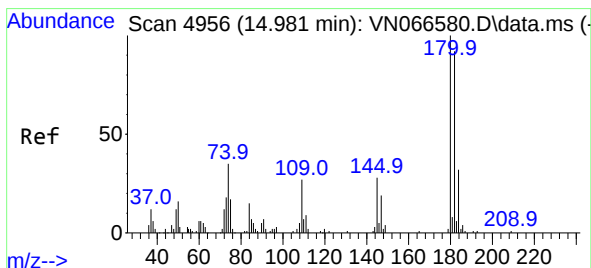
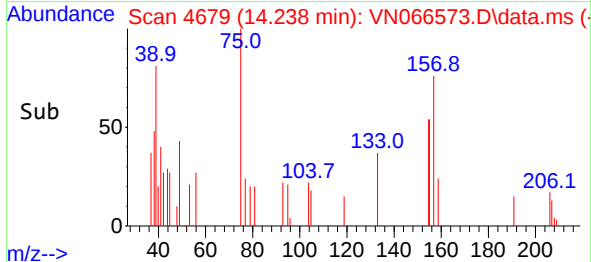
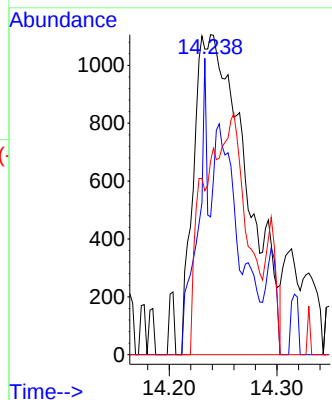




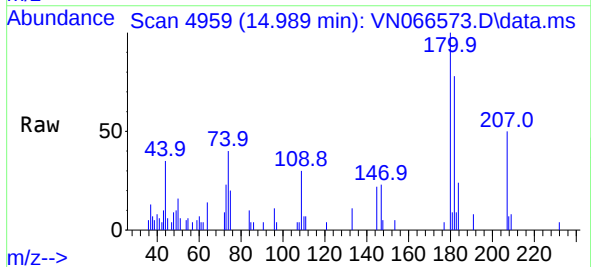
#88
1,2-Dibromo-3-Chloropropane
Concen: 4.69 ug/l m
RT: 14.238 min Scan# 4679
Delta R.T. 0.005 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



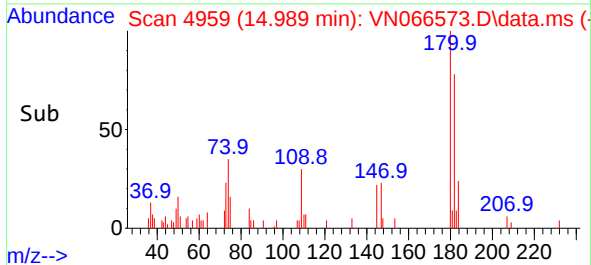
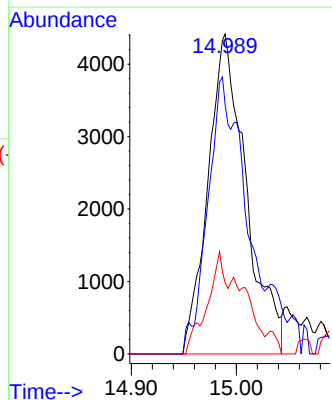
Tgt Ion: 75 Resp: 3741
Ion Ratio Lower Upper
75 100
155 19.0 68.3 102.5#
157 11.3 87.8 131.6#



#89
1,2,4-Trichlorobenzene
Concen: 3.67 ug/l m
RT: 14.989 min Scan# 4959
Delta R.T. 0.008 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32



Tgt Ion: 180 Resp: 11146
Ion Ratio Lower Upper
180 100
182 40.4 74.3 111.5#
145 8.8 23.4 35.0#

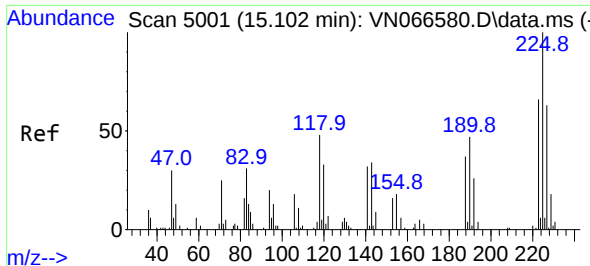


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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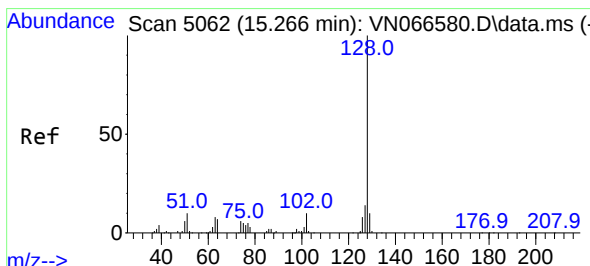
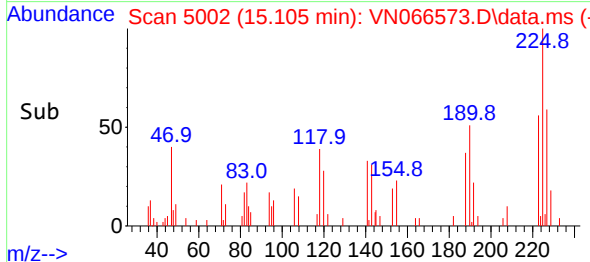
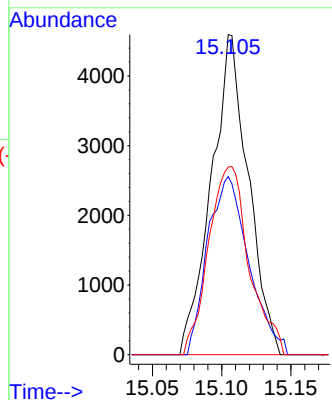
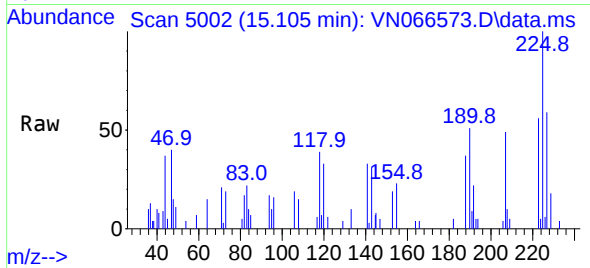
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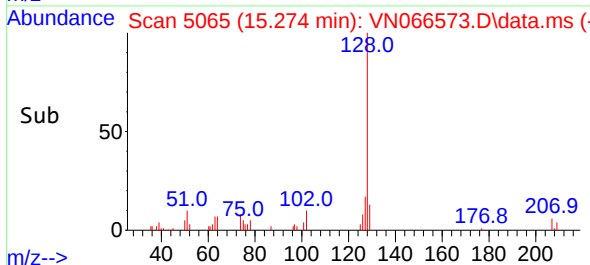
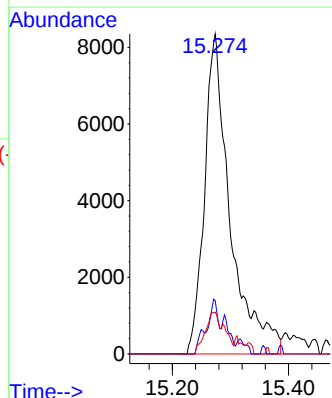
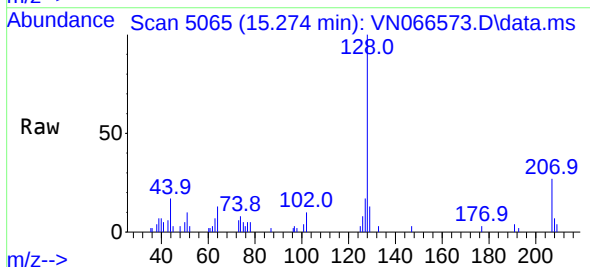
#90
Hexachlorobutadiene
Concen: 5.01 ug/l
RT: 15.105 min Scan# 5002
Delta R.T. -0.003 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	225	Resp:	8544
Ion	Ratio	Lower	Upper
225	100		
223	61.6	0.0	124.6
227	64.3	0.0	126.6



#91
Naphthalene
Concen: 2.87 ug/l m
RT: 15.274 min Scan# 5065
Delta R.T. 0.011 min
Lab File: VN066573.D
Acq: 13 Apr 2021 12:32

Tgt Ion:	128	Resp:	25611
Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.2	15.2#
129	6.8	8.6	13.0#

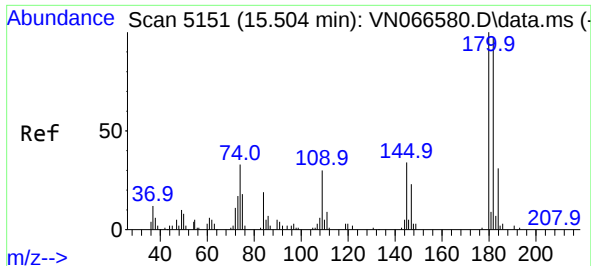


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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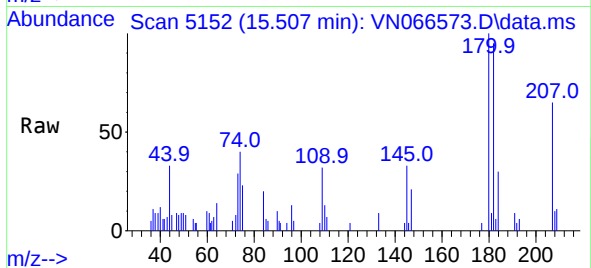
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#92
 1,2,3-Trichlorobenzene
 Concen: 4.09 ug/l m
 RT: 15.507 min Scan# 5152
 Delta R.T. 0.005 min
 Lab File: VN066573.D
 Acq: 13 Apr 2021 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	12206
Ion Ratio	Lower	Upper	
180	100		
182	73.5	0.0	190.0
145	20.1	0.0	60.8

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