

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066310.D
 Acq On : 24 Mar 2021 14:29
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 10:41:02 AM

Quant Time: Mar 25 04:37:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 04:35:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.104	128	81305	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.515	114	441755	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	387320	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	186620	26.97	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.90%	#	
60) 4-Bromofluorobenzene	12.345	95	176027	26.63	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.77%		
63) Toluene-d8	10.028	98	546350	31.24	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	104.13%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	44624	10.70	ug/l	99
3) Chloromethane	2.014	50	59303	10.81	ug/l	97
4) Vinyl Chloride	2.146	62	61617	10.68	ug/l	97
5) Bromomethane	2.510	94	43320	10.84	ug/l	91
6) Chloroethane	2.650	64	38639	11.21	ug/l	96
7) Trichlorofluoromethane	2.958	101	88095	10.20	ug/l	99
8) Diethyl Ether	3.342	74	29455	9.98	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.685	101	42878	11.44	ug/l	100
10) 1,1-Dichloroethene	3.664	96	43883	10.66	ug/l	94
11) Methyl Iodide	3.873	142	60611	9.48	ug/l	95
12) Methyl Acetate	4.237	43	67197	13.75	ug/l	97
13) Acrolein	3.532	56	17592	25.34	ug/l	95
14) Acrylonitrile	4.881	53	136317	60.22	ug/l	99
15) Acetone	3.736	58	39945	62.02	ug/l	93
16) Carbon Disulfide	3.972	76	114773	9.55	ug/l	97
17) Allyl chloride	4.235	41	73459	9.68	ug/l	96
18) Methylene Chloride	4.463	84	50846m	9.99	ug/l	
19) trans-1,2-Dichloroethene	4.940	96	45680	9.78	ug/l	96
20) Diisopropyl ether	5.852	45	167908	11.25	ug/l	91
21) 1,1-Dichloroethane	5.747	63	91299m	10.03	ug/l	
22) cis-1,2-Dichloroethene	6.734	96	55365	9.72	ug/l	99
23) tert-Butyl Alcohol	4.680	59	58096	58.44	ug/l #	100
24) Methyl tert-Butyl Ether	4.937	73	162254m	9.78	ug/l	
25) Chloroform	7.287	83	91218	9.37	ug/l	95
26) Cyclohexane	7.577	56	78644	10.95	ug/l #	97
29) 1,1-Dichloropropene	7.711	75	64980	9.87	ug/l	82
30) 2-Butanone	6.740	43	194810	67.43	ug/l #	97
31) 2,2-Dichloropropane	6.726	77	82696	9.71	ug/l	100
32) 1,1,1-Trichloroethane	7.488	97	81226	9.67	ug/l	98
33) Carbon Tetrachloride	7.694	117	66233	9.20	ug/l	97
34) Benzene	7.965	78	202394	10.11	ug/l #	90
35) Methacrylonitrile	7.083	41	33764	11.07	ug/l	97
36) 1,2-Dichloroethane	8.049	62	73272	9.13	ug/l	99
37) Trichloroethene	8.767	130	53279	9.89	ug/l	99
38) Methylcyclohexane	9.011	83	80901	11.10	ug/l	99
39) 1,2-Dichloropropane	9.049	63	54634	10.58	ug/l	98
40) Dibromomethane	9.140	93	35237	10.14	ug/l	97
41) Bromodichloromethane	9.336	83	75507	9.75	ug/l	96
42) Vinyl Acetate	5.796	43	719857	57.94	ug/l	99

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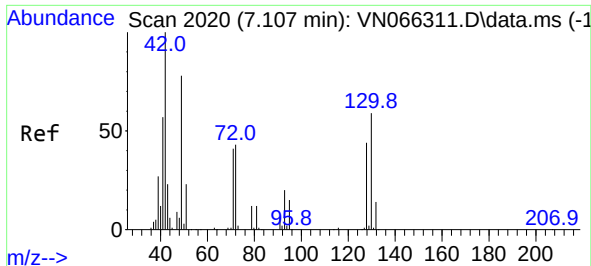
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.836	43	75024	11.92	ug/l #	100
44) Isopropyl Acetate	8.089	43	134035	12.35	ug/l #	100
45) 1,4-Dioxane	9.137	88	16960	193.39	ug/l	98
46) Methyl methacrylate	9.135	41	62185	12.27	ug/l	94
47) n-amyl Acetate	12.031	43	28042	3.91	ug/l	98
48) t-1,3-Dichloropropene	10.323	75	79491	8.98	ug/l	97
49) cis-1,3-Dichloropropene	9.776	75	87123	9.48	ug/l	97
50) 1,1,2-Trichloroethane	10.503	97	50014	10.16	ug/l	97
51) Ethyl methacrylate	10.371	69	77990	10.34	ug/l	99
52) 1,3-Dichloropropane	10.647	76	83553	9.81	ug/l	100
53) Dibromochloromethane	10.843	129	56115	9.44	ug/l	100
54) 1,2-Dibromoethane	10.948	107	52493	10.15	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	55168	23.94	ug/l	98
56) Bromoform	12.071	173	40574	10.11	ug/l #	96
58) 4-Methyl-2-Pentanone	9.921	43	396992	69.87	ug/l	100
59) 2-Hexanone	10.693	43	264467	66.55	ug/l	100
61) Tetrachloroethene	10.572	164	54046	10.66	ug/l	95
62) Toluene	10.092	91	216100	10.55	ug/l	99
64) Chlorobenzene	11.374	112	127454	9.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.452	131	50589	10.02	ug/l	98
66) Ethyl Benzene	11.455	91	232226	9.98	ug/l	99
67) m/p-Xylenes	11.565	106	171299	19.13	ug/l	98
68) o-Xylene	11.892	106	86310	9.80	ug/l	97
69) Styrene	11.911	104	131048	9.07	ug/l	97
70) Isopropylbenzene	12.195	105	223114	9.67	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.450	83	72435	11.17	ug/l	100
72) 1,2,3-Trichloropropane	12.498	75	69455m	10.73	ug/l	
73) Bromobenzene	12.468	156	54693	9.77	ug/l	97
74) n-propylbenzene	12.535	91	240586	9.42	ug/l	99
75) 2-Chlorotoluene	12.619	91	148824	9.21	ug/l	99
76) 1,3,5-Trimethylbenzene	12.678	105	182359	8.94	ug/l	100
77) t-1,4-Dichloro-2-butene	12.249	75	19621	8.62	ug/l	98
78) 4-Chlorotoluene	12.718	91	141634	8.64	ug/l	99
79) tert-butylbenzene	12.938	119	160863	9.45	ug/l	97
80) 1,2,4-Trimethylbenzene	12.983	105	177129	8.86	ug/l	97
81) sec-Butylbenzene	13.115	105	198616	9.25	ug/l	99
82) p-Isopropyltoluene	13.233	119	169461	8.43	ug/l	99
83) 1,3-Dichlorobenzene	13.227	146	87026	9.07	ug/l	99
84) 1,4-Dichlorobenzene	13.311	146	82948	8.89	ug/l	99
85) n-Butylbenzene	13.560	91	134769	8.38	ug/l	98
86) Hexachloroethane	13.815	117	31230	9.52	ug/l	97
87) 1,2-Dichlorobenzene	13.598	146	85644	9.05	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.217	75	14133	9.31	ug/l	96
89) 1,2,4-Trichlorobenzene	14.853	180	53587	9.98	ug/l	99
90) Hexachlorobutadiene	14.949	225	29587	11.99	ug/l	99
91) Naphthalene	15.070	128	166206	10.51	ug/l	99
92) 1,2,3-Trichlorobenzene	15.250	180	51776	9.60	ug/l	96

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



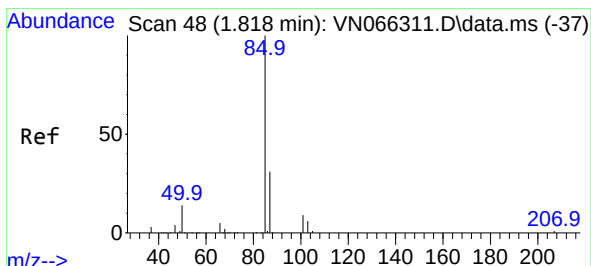
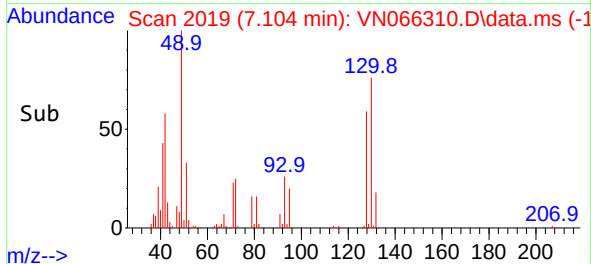
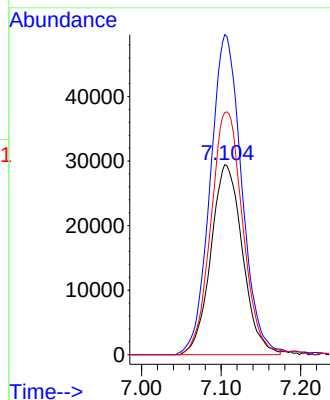
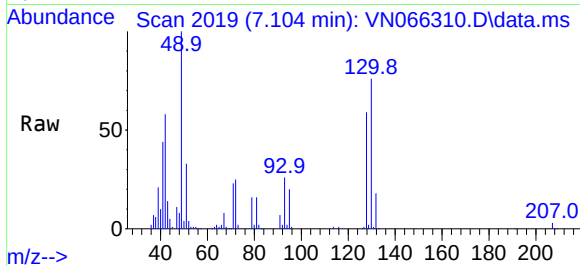
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.104 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:128 Resp: 81305
Ion Ratio Lower Upper
128 100
49 168.0 0.0 429.3
130 129.0 0.0 328.5

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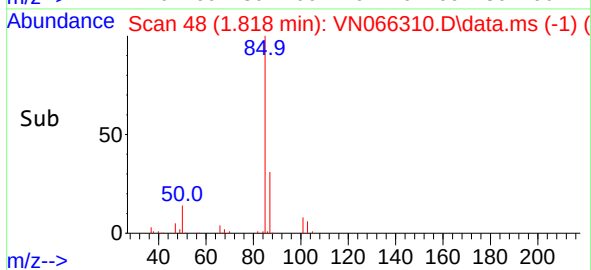
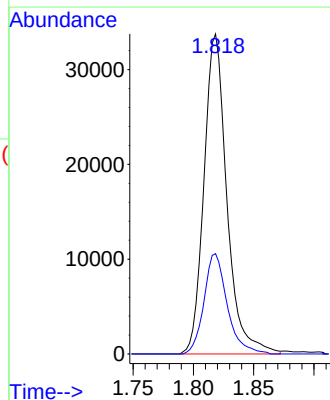
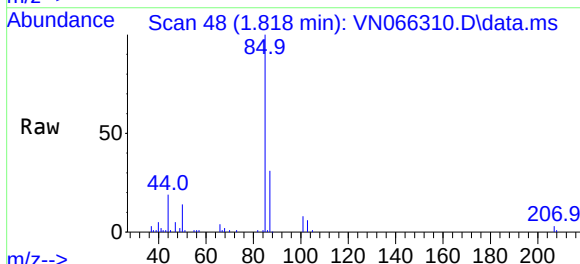
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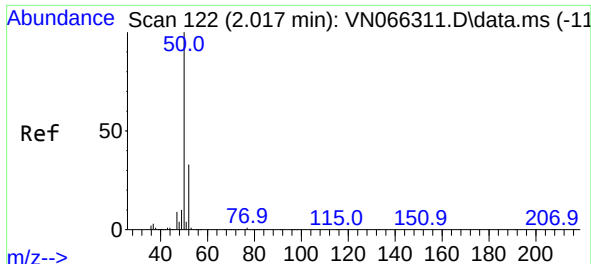
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#2
Dichlorodifluoromethane
Concen: 10.70 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

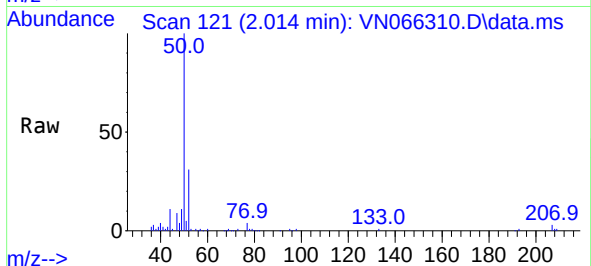
Tgt Ion: 85 Resp: 44624
Ion Ratio Lower Upper
85 100
87 31.3 15.4 46.4





#3
Chloromethane
Concen: 10.81 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

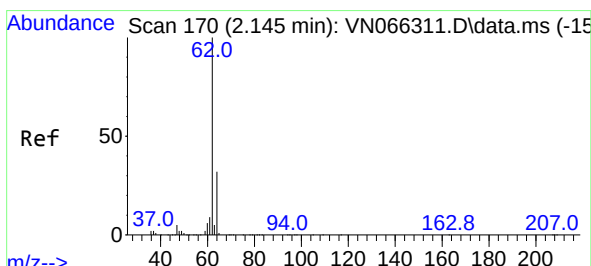
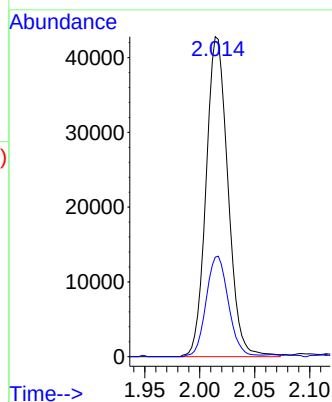
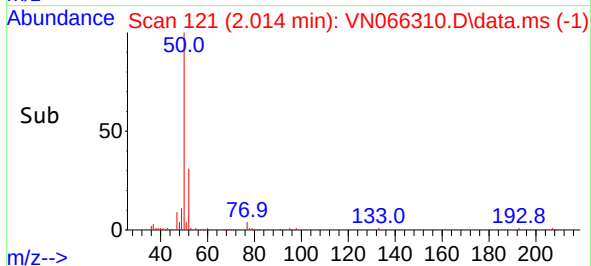
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



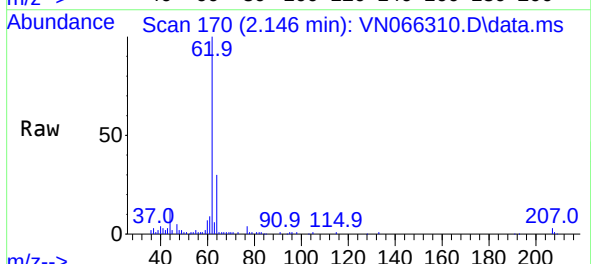
Tgt Ion: 50 Resp: 59303
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.4

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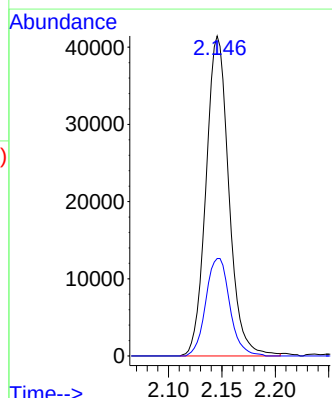
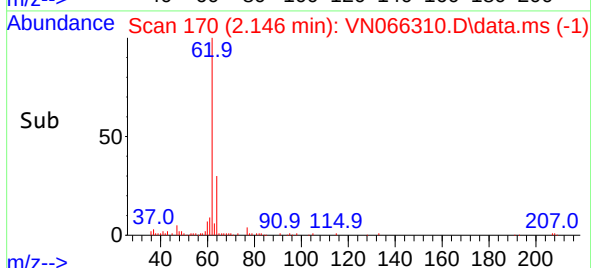
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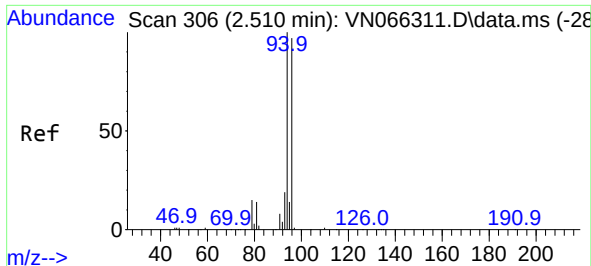


#4
Vinyl Chloride
Concen: 10.68 ug/l
RT: 2.146 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



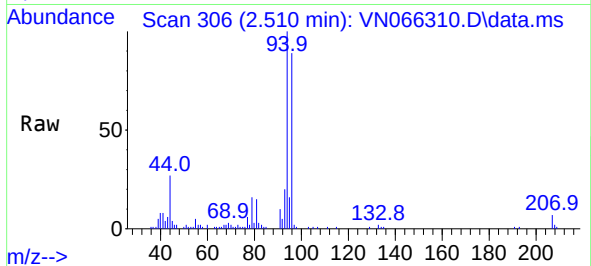
Tgt Ion: 62 Resp: 61617
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.6





#5
Bromomethane
Concen: 10.84 ug/l
RT: 2.510 min Scan# 306
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

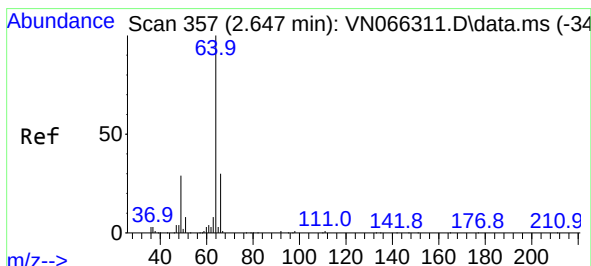
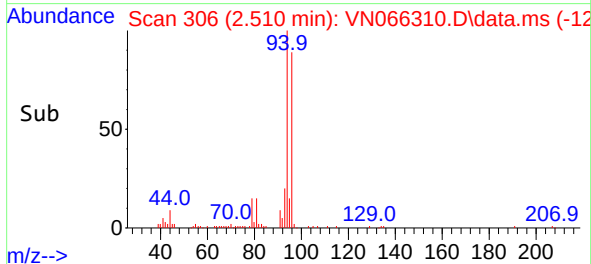
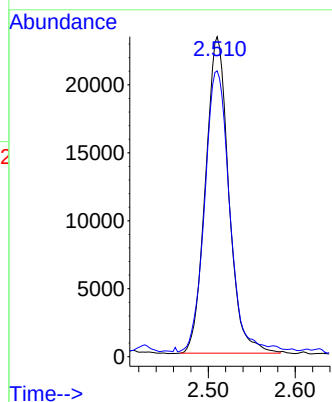
Instrument :
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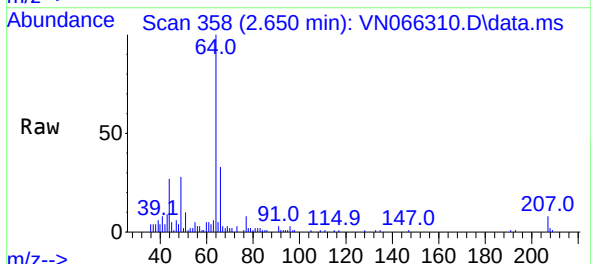
Tgt Ion: 94 Resp: 43320
Ion Ratio Lower Upper
94 100
96 88.6 77.8 116.8

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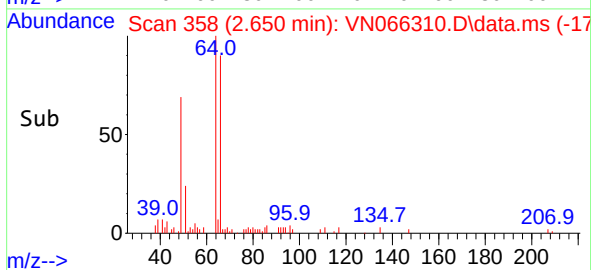
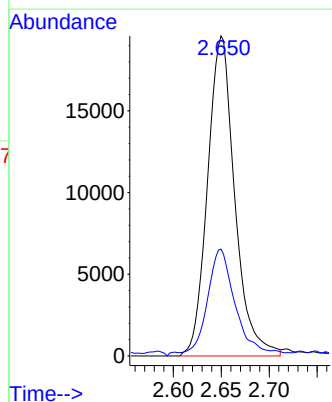
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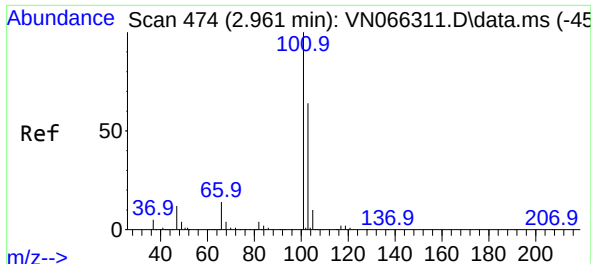


#6
Chloroethane
Concen: 11.21 ug/l
RT: 2.650 min Scan# 358
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



Tgt Ion: 64 Resp: 38639
Ion Ratio Lower Upper
64 100
66 32.3 24.2 36.4





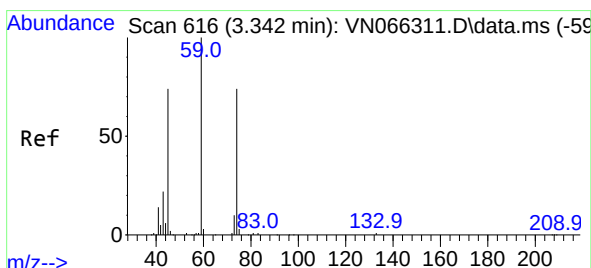
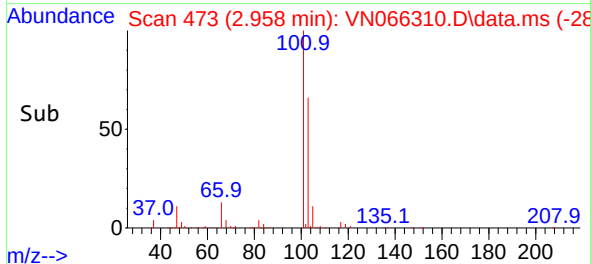
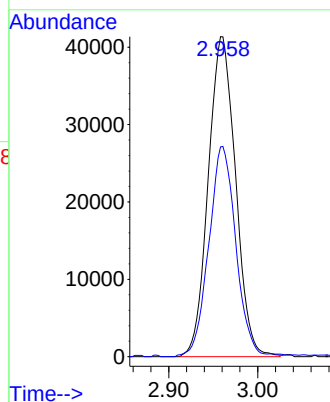
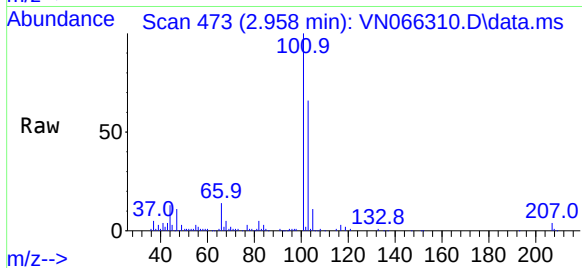
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Trichlorofluoromethane
Concen: 10.20 ug/l
RT: 2.958 min Scan# 473
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 101 Resp: 88095
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

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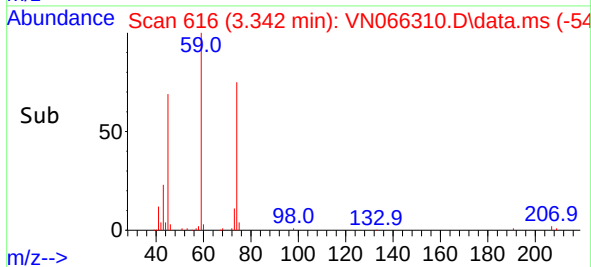
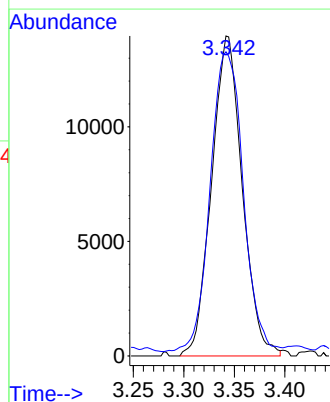
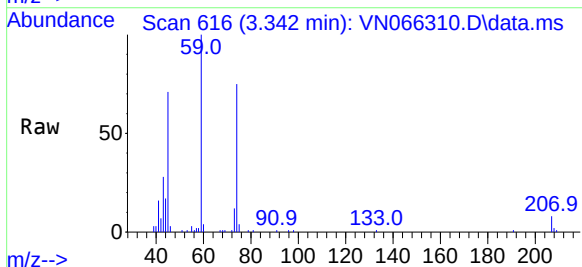
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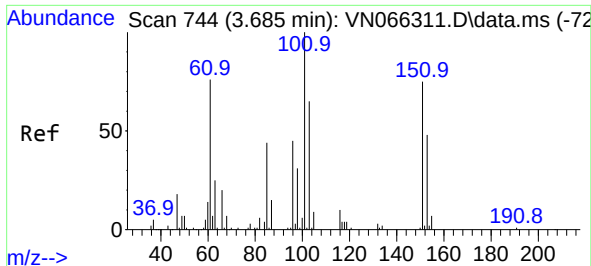
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#8
Diethyl Ether
Concen: 9.98 ug/l
RT: 3.342 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 74 Resp: 29455
Ion Ratio Lower Upper
74 100
45 99.5 19.5 175.9





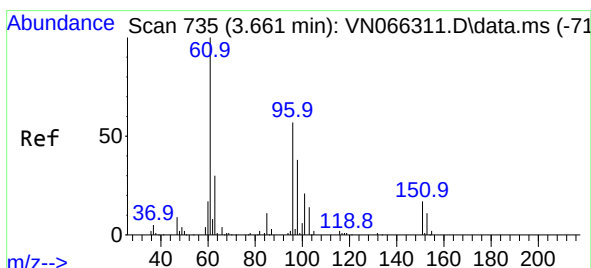
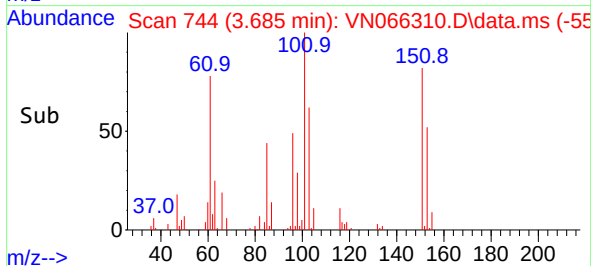
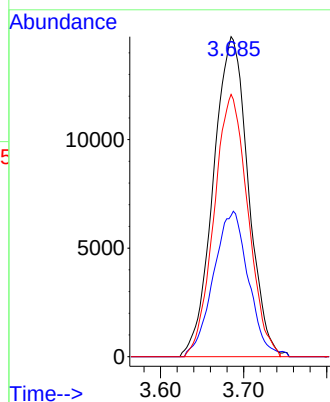
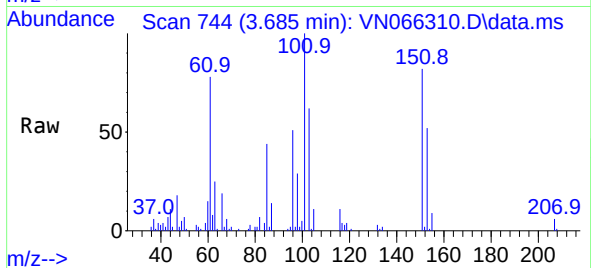
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.44 ug/l
RT: 3.685 min Scan# 744
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:101 Resp: 42878
Ion Ratio Lower Upper
101 100
85 45.5 0.0 90.6
151 79.9 0.0 159.0

Instrument :
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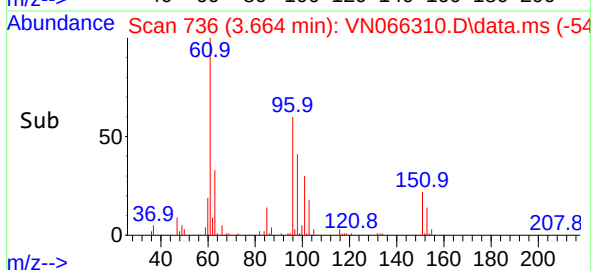
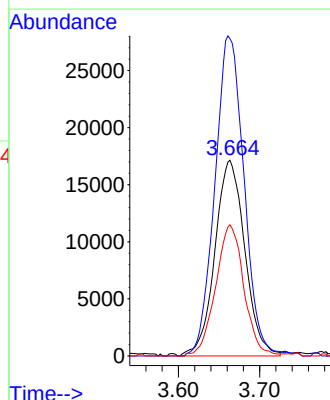
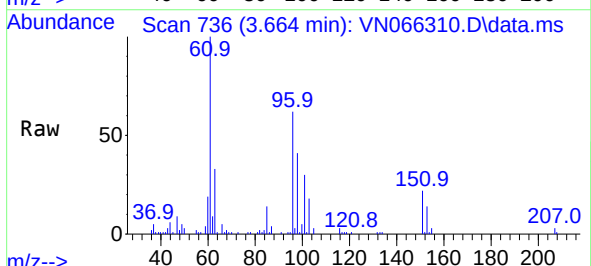
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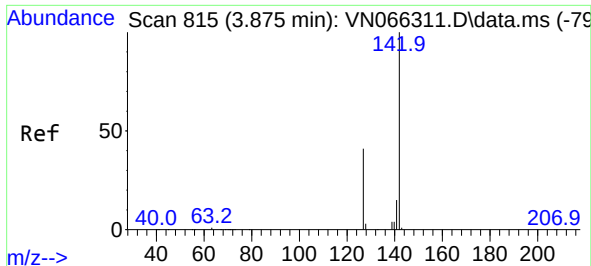
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#10
1,1-Dichloroethene
Concen: 10.66 ug/l
RT: 3.664 min Scan# 736
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

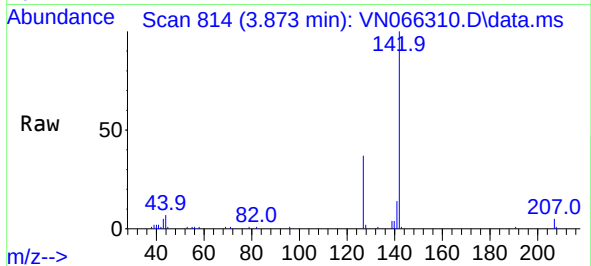
Tgt Ion: 96 Resp: 43883
Ion Ratio Lower Upper
96 100
61 162.2 139.6 209.4
98 67.0 53.7 80.5





#11
Methyl Iodide
Concen: 9.48 ug/l
RT: 3.873 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

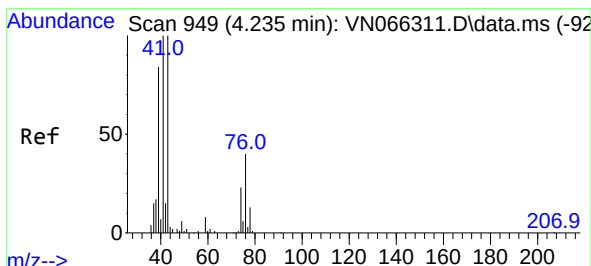
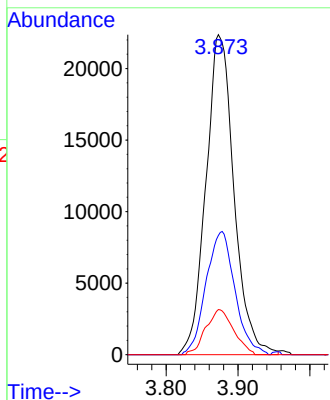
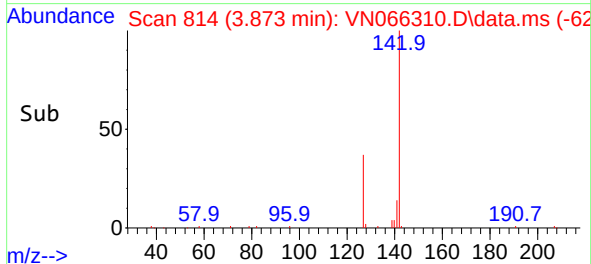
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



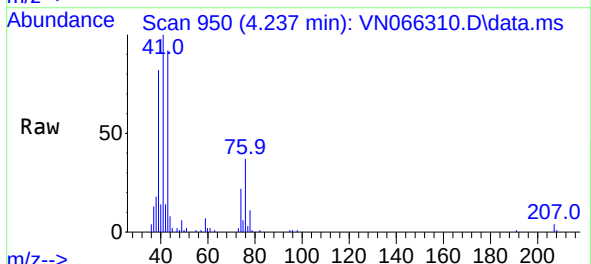
Tgt Ion:142 Resp: 60611
Ion Ratio Lower Upper
142 100
127 37.0 20.5 61.6
141 14.2 7.4 22.3

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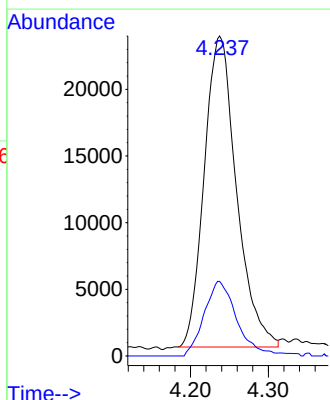
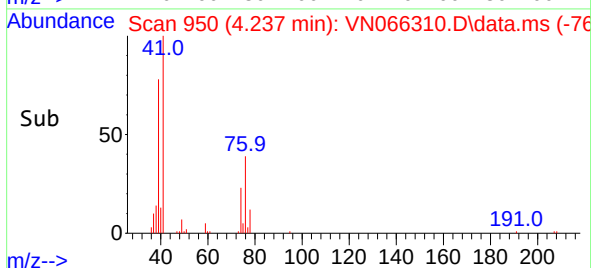
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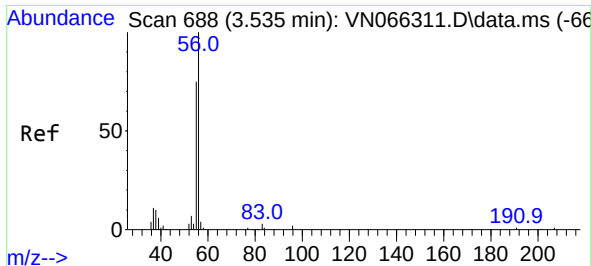


#12
Methyl Acetate
Concen: 13.75 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



Tgt Ion: 43 Resp: 67197
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0





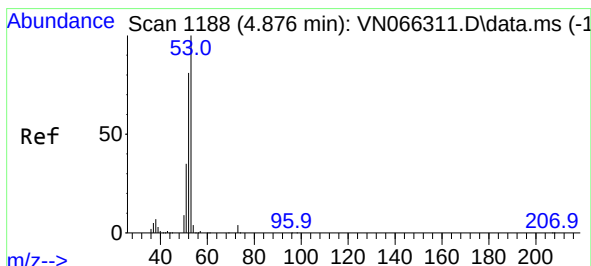
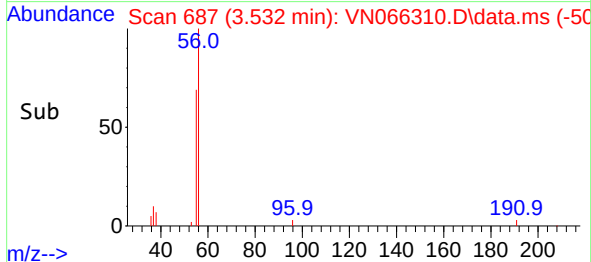
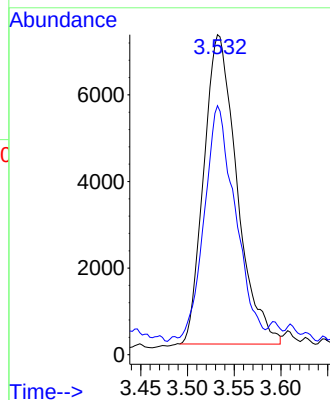
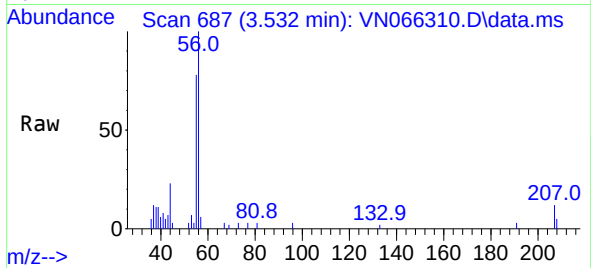
#13
Acrolein
Concen: 25.34 ug/l
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 56 Resp: 17592
Ion Ratio Lower Upper
56 100
55 71.6 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
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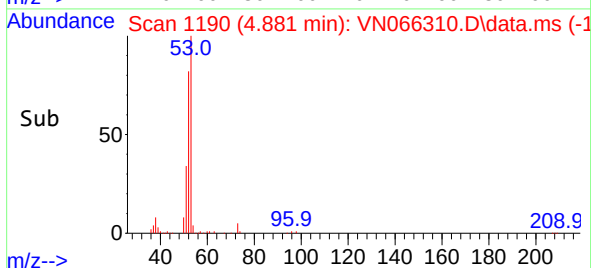
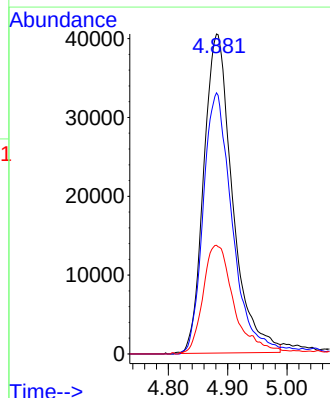
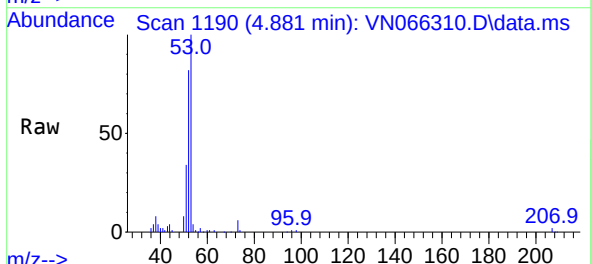
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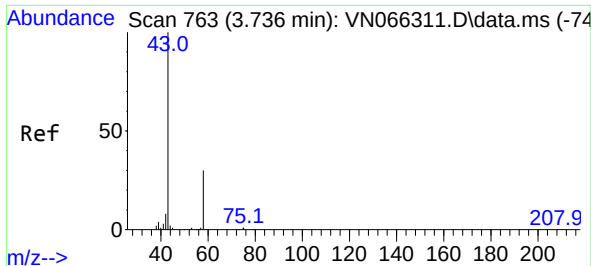
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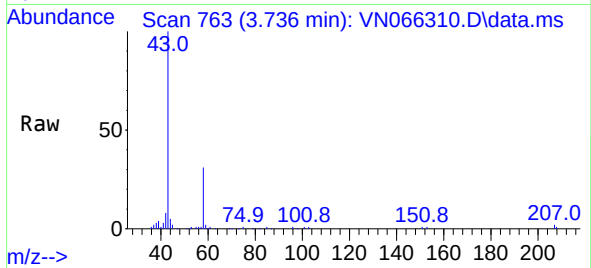
#14
Acrylonitrile
Concen: 60.22 ug/l
RT: 4.881 min Scan# 1190
Delta R.T. 0.005 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 53 Resp: 136317
Ion Ratio Lower Upper
53 100
52 82.8 41.0 123.0
51 34.1 17.8 53.4

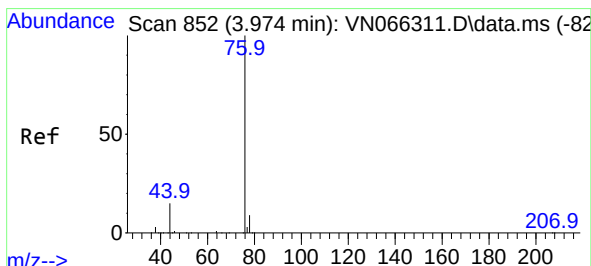
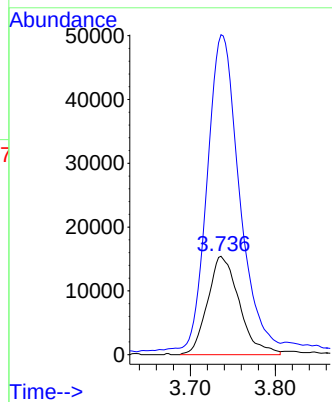
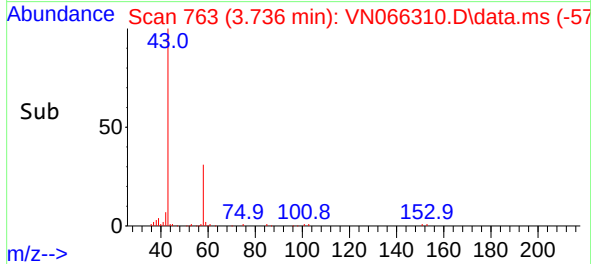




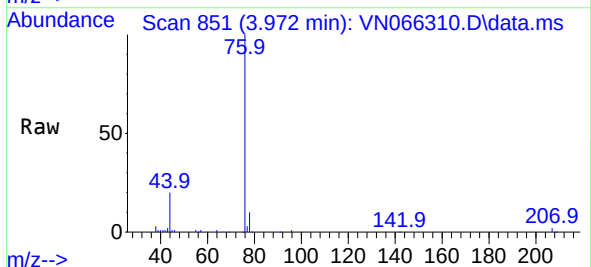
#15
Acetone
Concen: 62.02 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



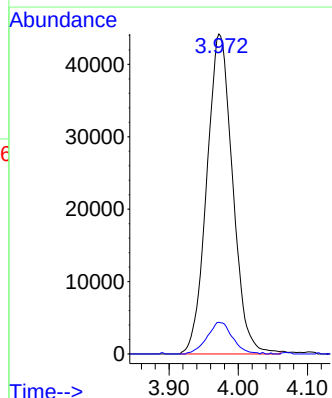
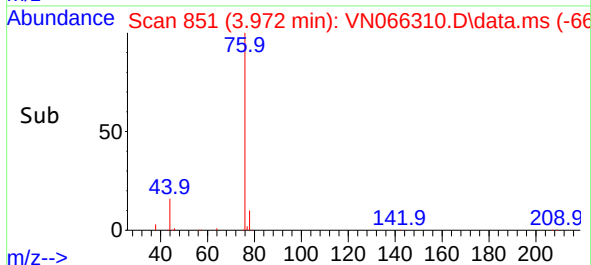
Tgt Ion: 58 Resp: 39945
Ion Ratio Lower Upper
58 100
43 318.5 267.3 400.9



#16
Carbon Disulfide
Concen: 9.55 ug/l
RT: 3.972 min Scan# 851
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



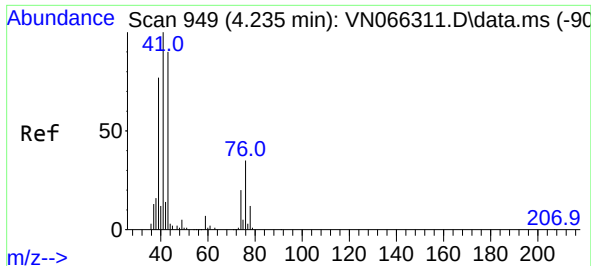
Tgt Ion: 76 Resp: 114773
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



Instrument :
MSVOA_N
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VSTDIC010

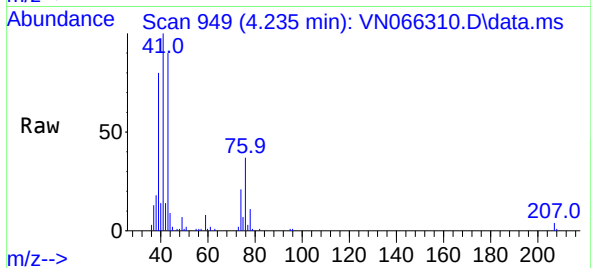
Manual Integrations
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#17
Allyl chloride
Concen: 9.68 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

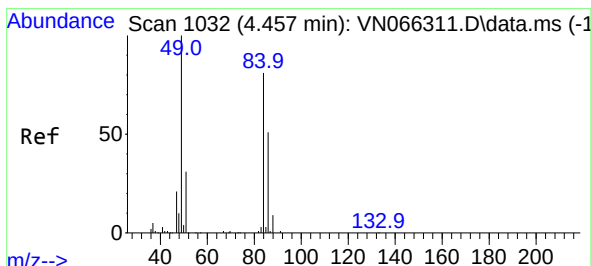
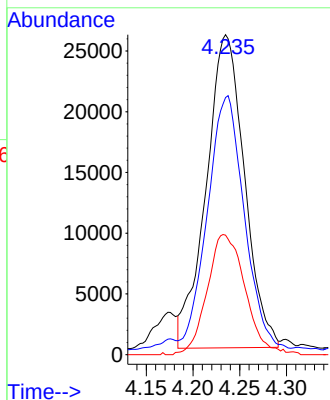
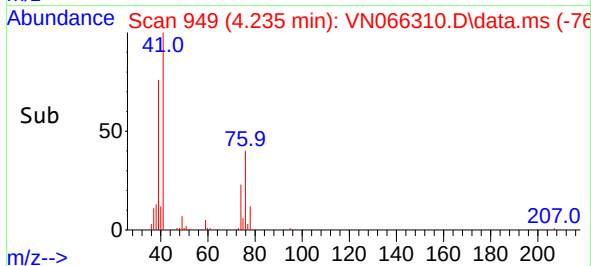
Instrument :
MSVOA_N
ClientSampled :
VSTDIC010



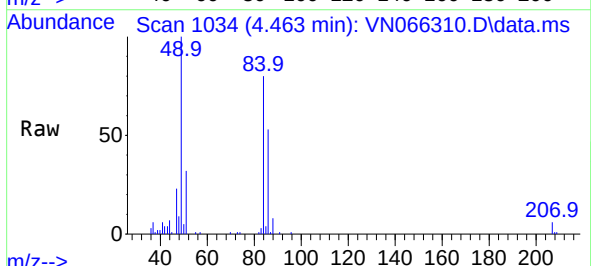
Tgt Ion: 41 Resp: 73459
Ion Ratio Lower Upper
41 100
39 80.5 38.6 116.0
76 38.2 17.6 52.8

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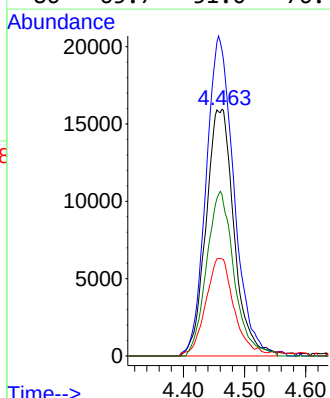
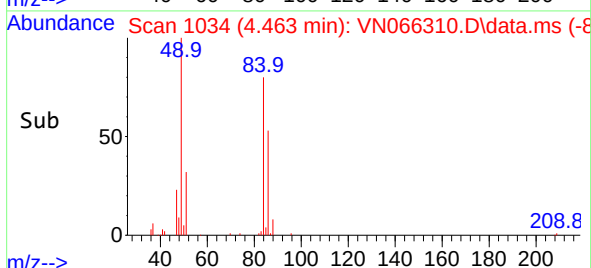
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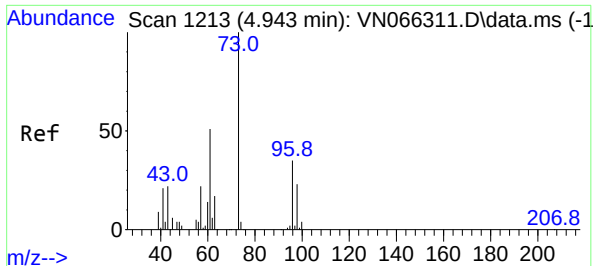


#18
Methylene Chloride
Concen: 9.99 ug/l m
RT: 4.463 min Scan# 1034
Delta R.T. 0.005 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



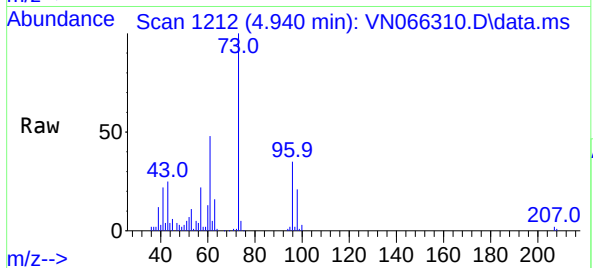
Tgt Ion: 84 Resp: 50846
Ion Ratio Lower Upper
84 100
49 124.2 98.9 148.3
51 39.4 30.8 46.2
86 65.7 51.0 76.4





#19
trans-1,2-Dichloroethene
Concen: 9.78 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

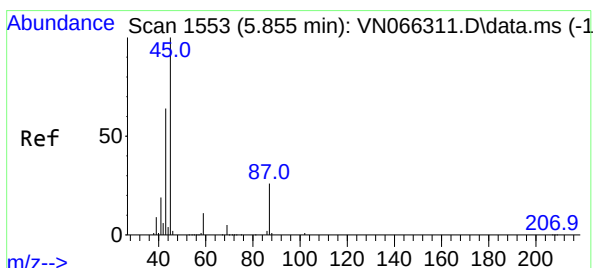
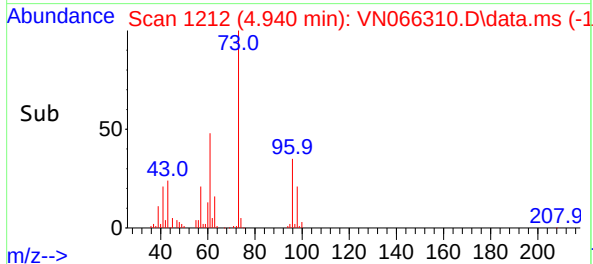
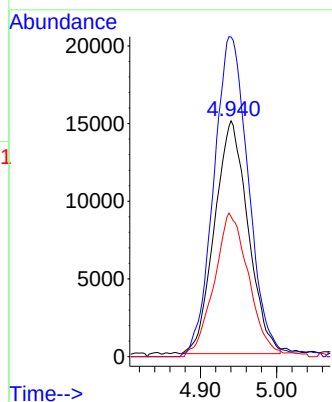
Instrument :
MSVOA_N
ClientSampled :
VSTDIC010



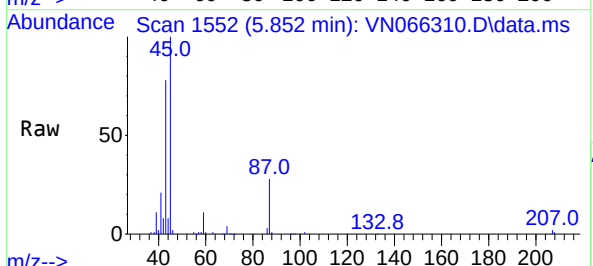
Tgt Ion: 96 Resp: 45680
Ion Ratio Lower Upper
96 100
61 137.4 113.4 170.0
98 60.2 51.0 76.4

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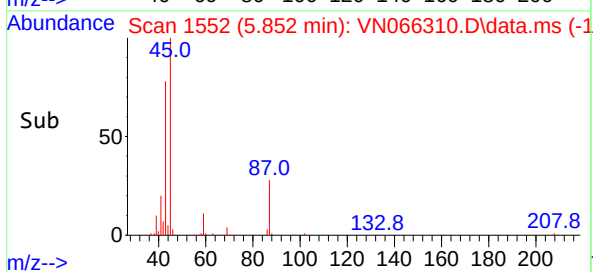
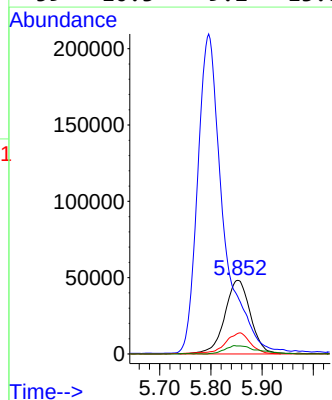
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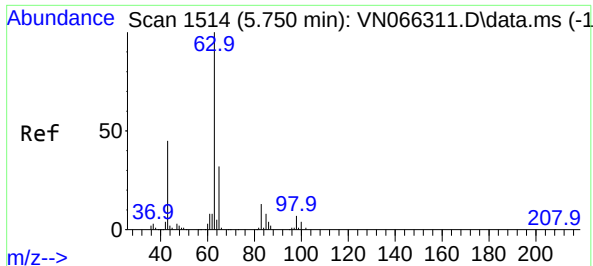


#20
Diisopropyl ether
Concen: 11.25 ug/l
RT: 5.852 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

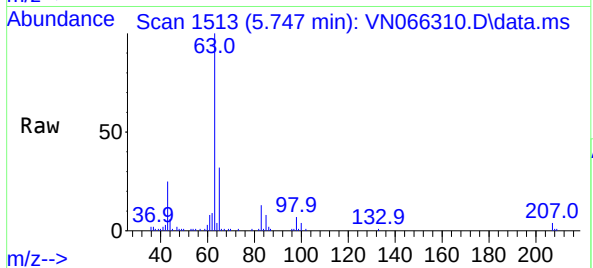


Tgt Ion: 45 Resp: 167908
Ion Ratio Lower Upper
45 100
43 73.9 51.4 77.2
87 27.8 21.4 32.0
59 10.3 9.2 13.8

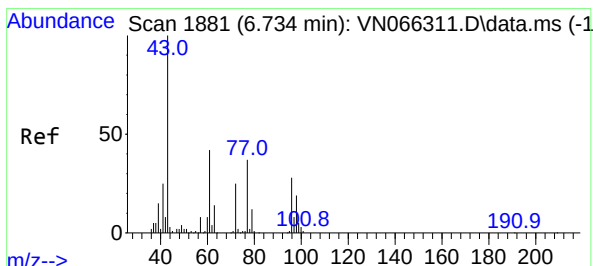
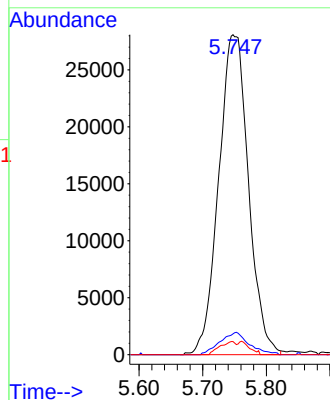
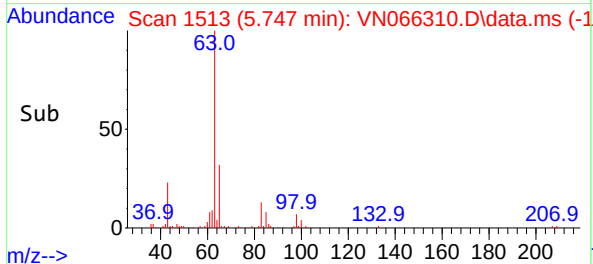




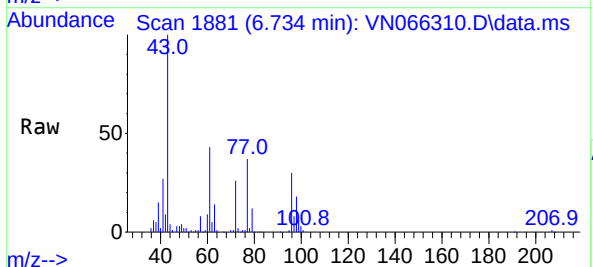
#21
1,1-Dichloroethane
Concen: 10.03 ug/l m
RT: 5.747 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



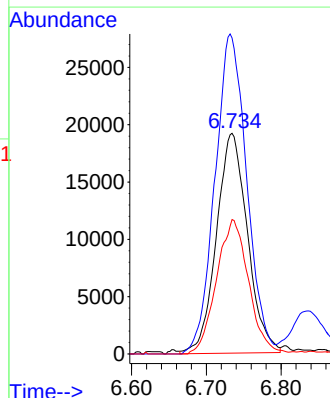
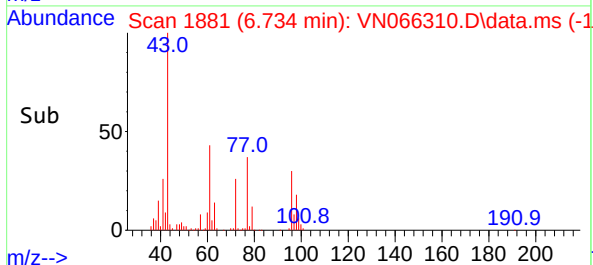
Tgt Ion: 63 Resp: 91299
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.1 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 9.72 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



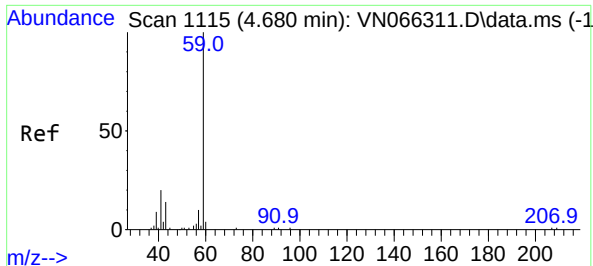
Tgt Ion: 96 Resp: 55365
Ion Ratio Lower Upper
96 100
61 148.9 119.4 179.0
98 63.1 51.5 77.3



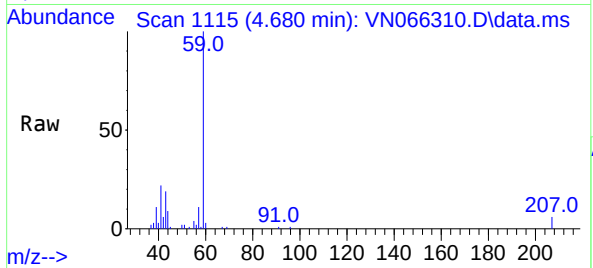
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

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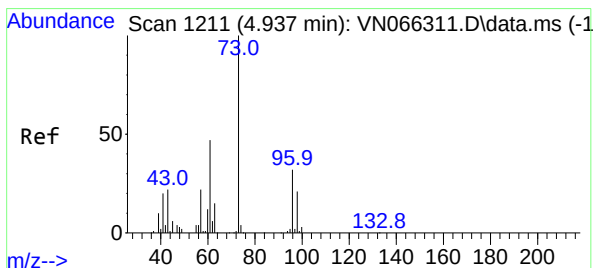
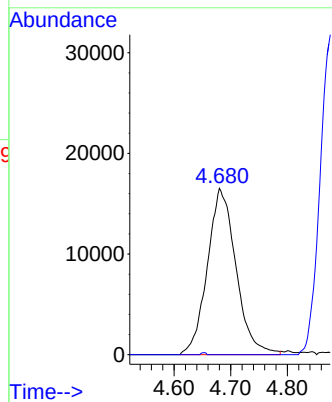
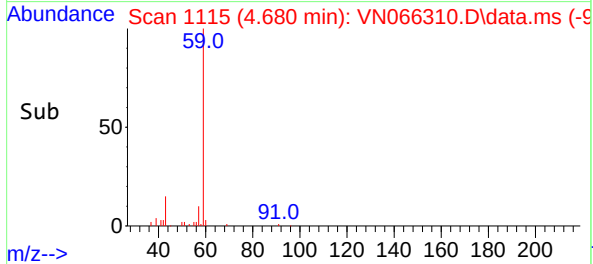
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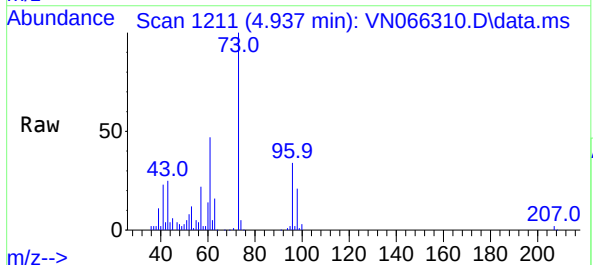
#23
tert-Butyl Alcohol
Concen: 58.44 ug/l
RT: 4.680 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



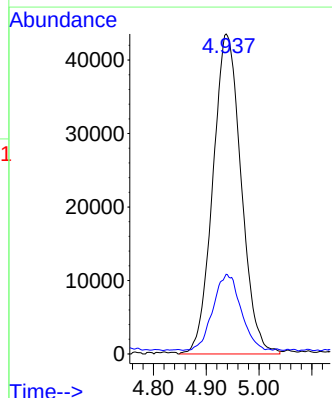
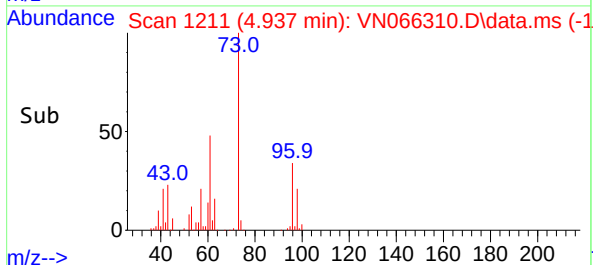
Tgt Ion: 59 Resp: 58096
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 9.78 ug/l m
RT: 4.937 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



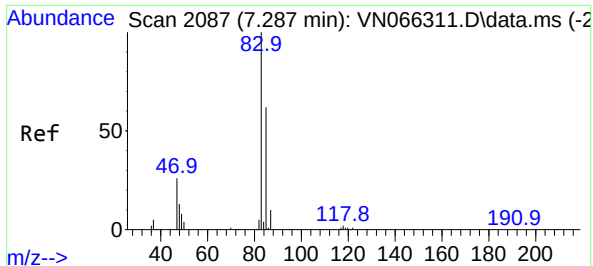
Tgt Ion: 73 Resp: 162254
Ion Ratio Lower Upper
73 100
43 0.0 18.5 27.7#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
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#25

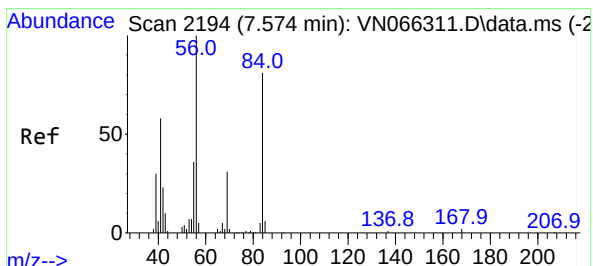
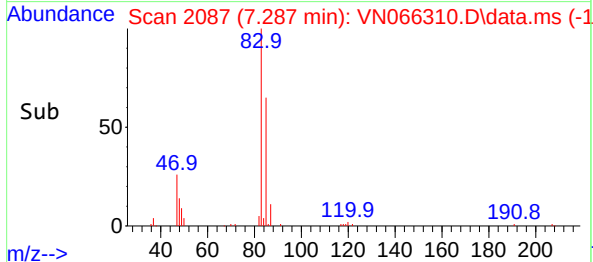
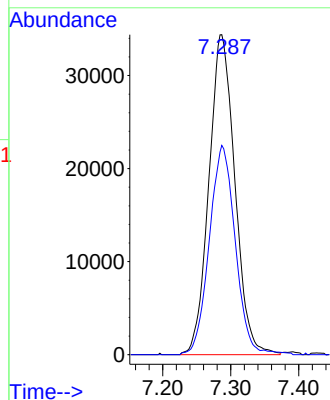
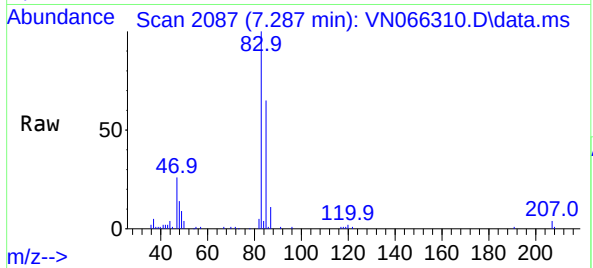
Chloroform
Concen: 9.37 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 83 Resp: 91218
Ion Ratio Lower Upper
83 100
85 65.4 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

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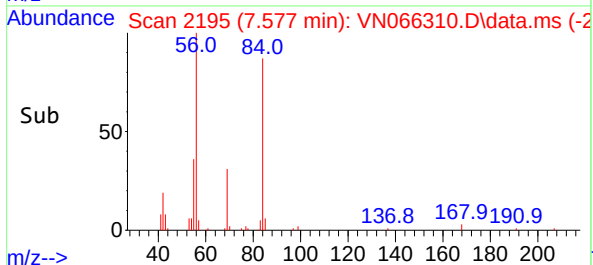
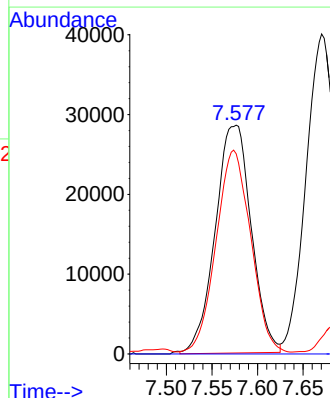
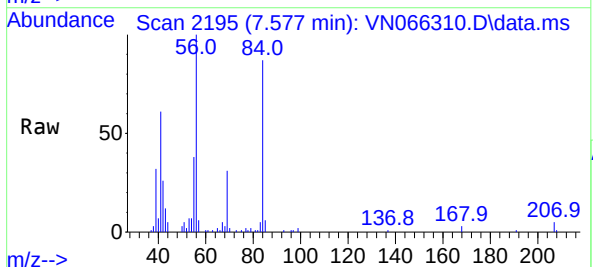
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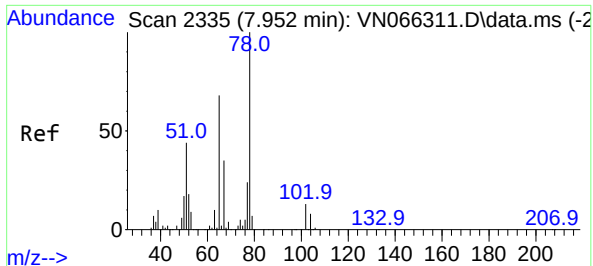


#26

Cyclohexane
Concen: 10.95 ug/l
RT: 7.577 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 56 Resp: 78644
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 65.4 98.2





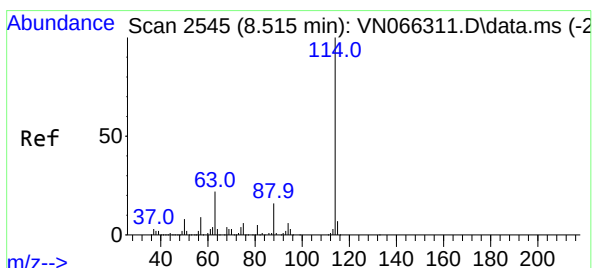
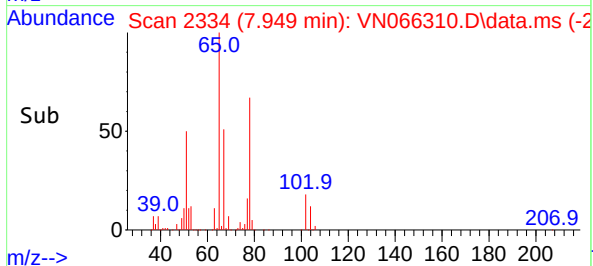
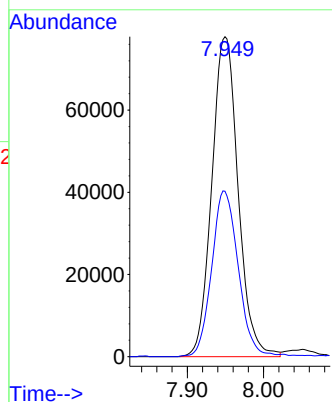
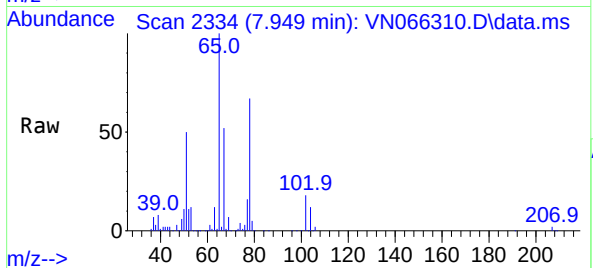
#27
1,2-Dichloroethane-d4
Concen: 26.97 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 65 Resp: 186620
Ion Ratio Lower Upper
65 100
67 52.1 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

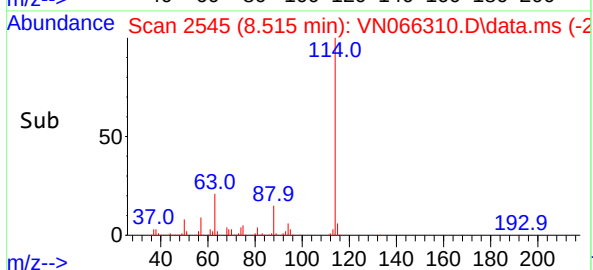
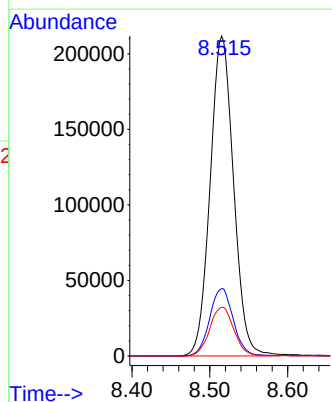
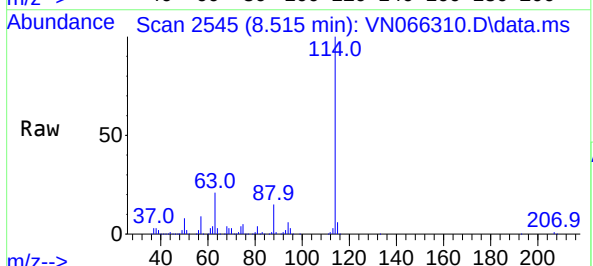
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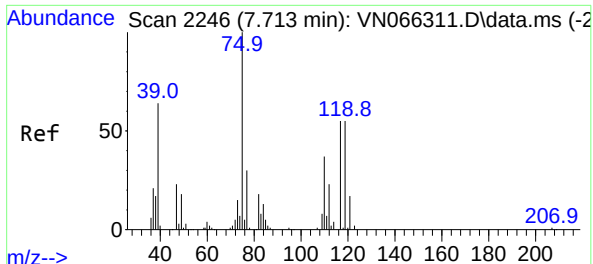
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:114 Resp: 441755
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 15.7 12.6 19.0





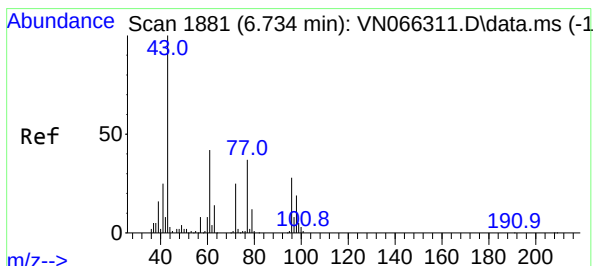
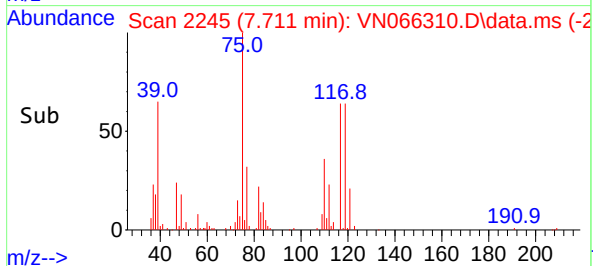
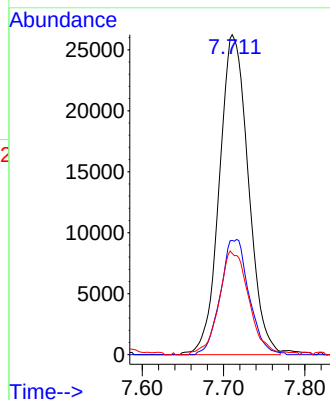
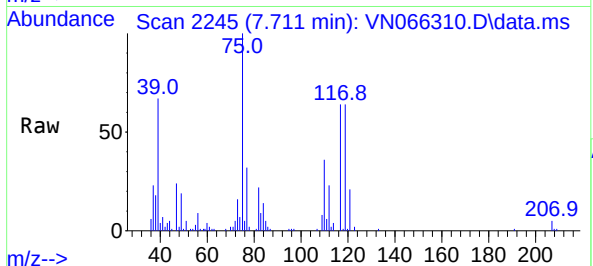
#29
1,1-Dichloropropene
Concen: 9.87 ug/l
RT: 7.711 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	75	Resp:	64980
Ion Ratio	Lower	Upper	
75	100		
110	18.3	0.0	69.4
77	33.4	0.0	60.6

Instrument :
MSVOA_N
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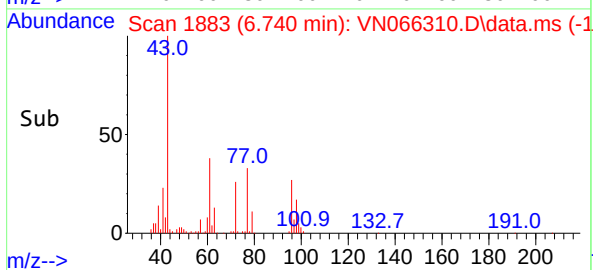
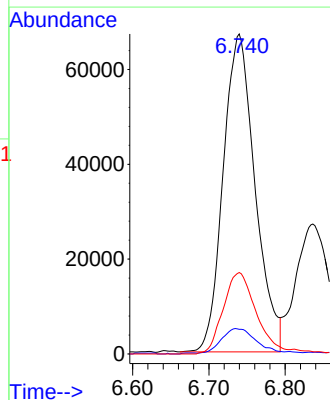
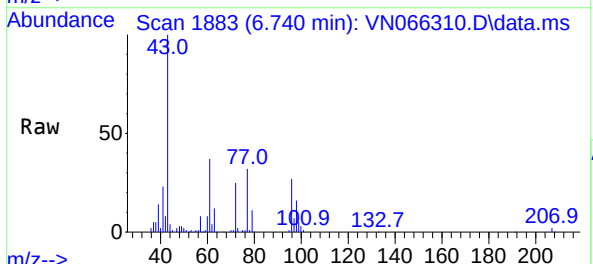
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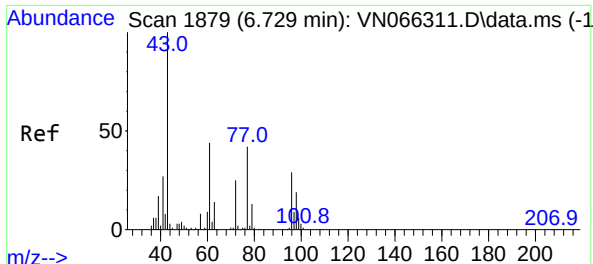
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#30
2-Butanone
Concen: 67.43 ug/l
RT: 6.740 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	43	Resp:	194810
Ion Ratio	Lower	Upper	
43	100		
57	4.3	6.9	10.3#
72	26.3	20.9	31.3





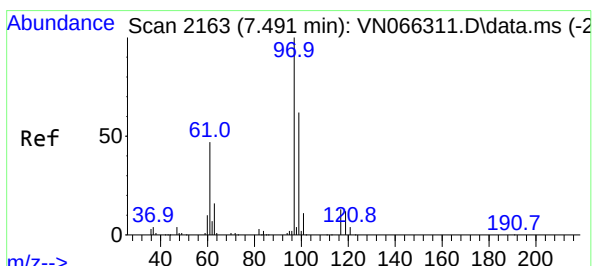
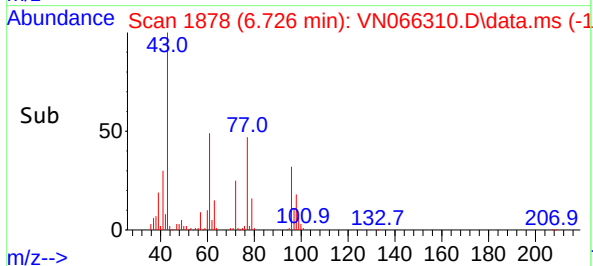
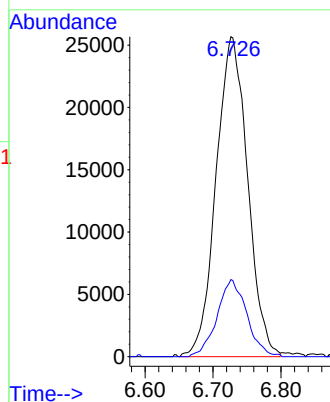
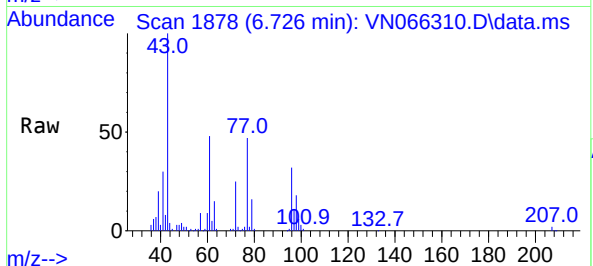
#31
2,2-Dichloropropane
Concen: 9.71 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 77 Resp: 82696
Ion Ratio Lower Upper
77 100
97 22.6 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
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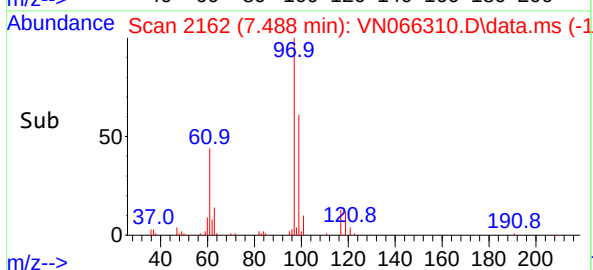
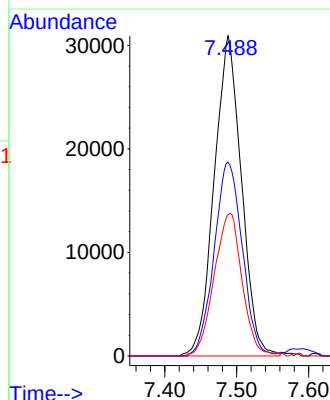
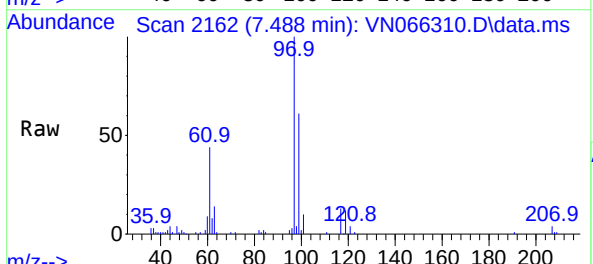
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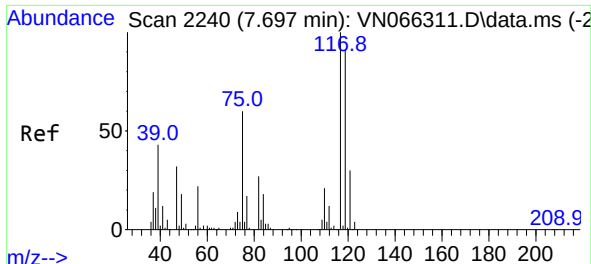
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#32
1,1,1-Trichloroethane
Concen: 9.67 ug/l
RT: 7.488 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

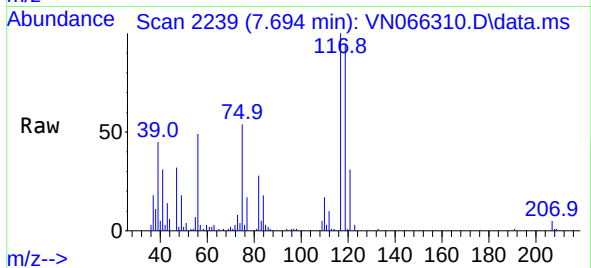
Tgt Ion: 97 Resp: 81226
Ion Ratio Lower Upper
97 100
99 62.6 50.7 76.1
61 45.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 9.20 ug/l
RT: 7.694 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

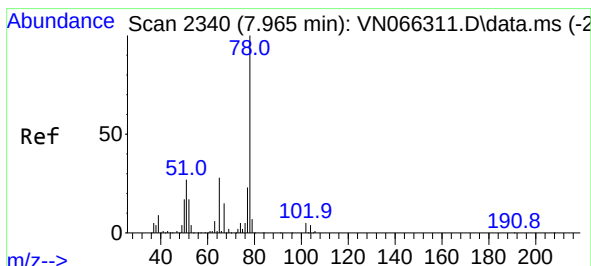
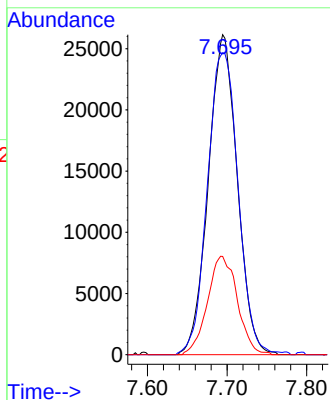
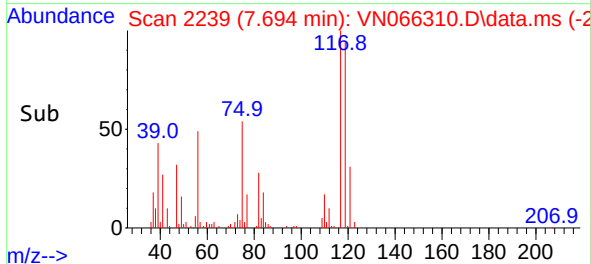
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



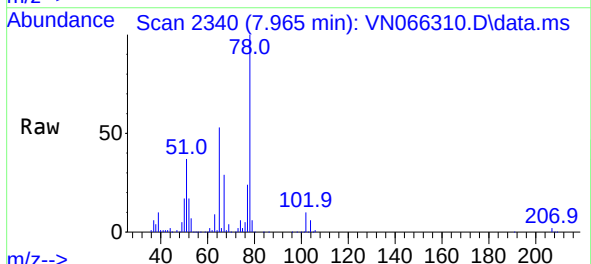
Tgt Ion:117 Resp: 66233
Ion Ratio Lower Upper
117 100
119 93.7 72.6 108.8
121 30.7 23.5 35.3

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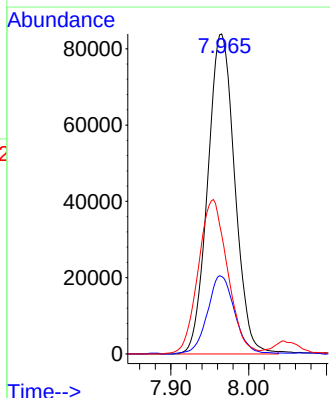
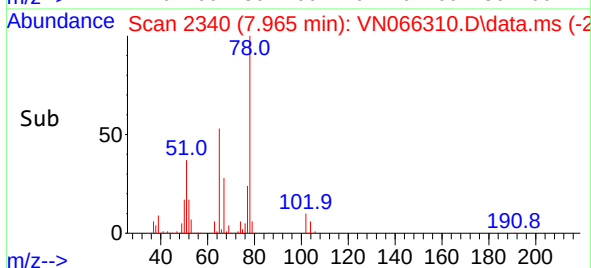
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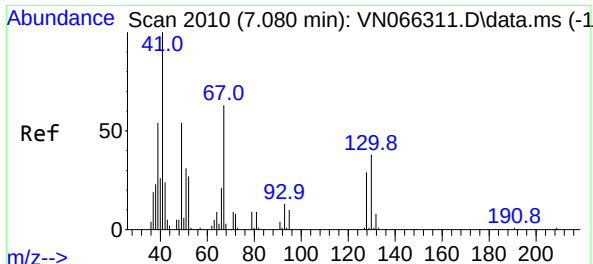


#34
Benzene
Concen: 10.11 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



Tgt Ion: 78 Resp: 202394
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8
51 35.9 21.9 32.9#





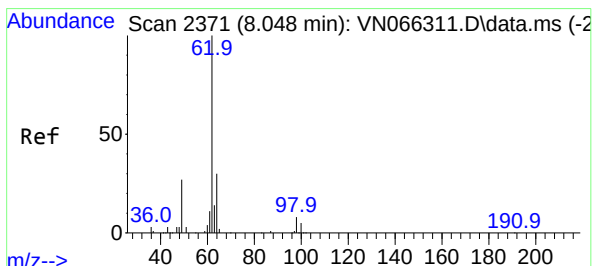
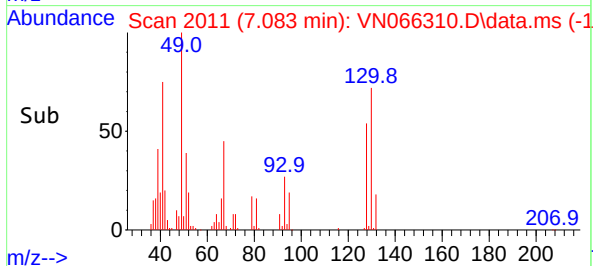
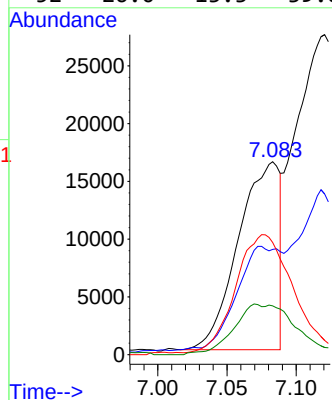
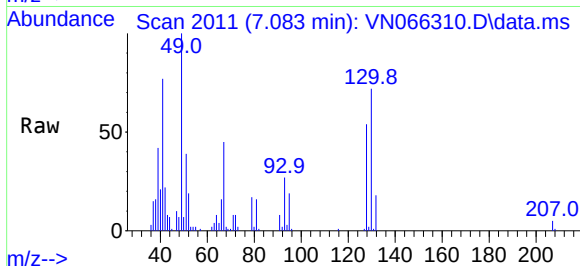
#35
Methacrylonitrile
Concen: 11.07 ug/l
RT: 7.083 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	41	Resp:	33764
Ion Ratio	Lower	Upper	
41	100		
39	53.4	27.3	81.8
67	58.5	31.4	94.3
52	26.0	13.3	39.8

Instrument :
MSVOA_N
ClientSampled :
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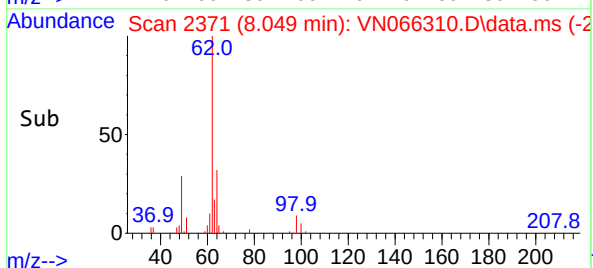
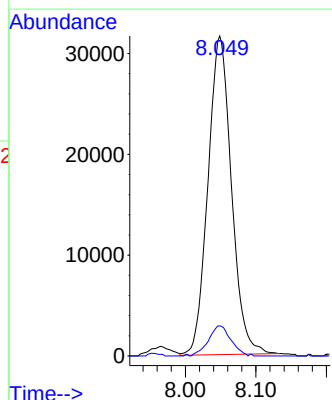
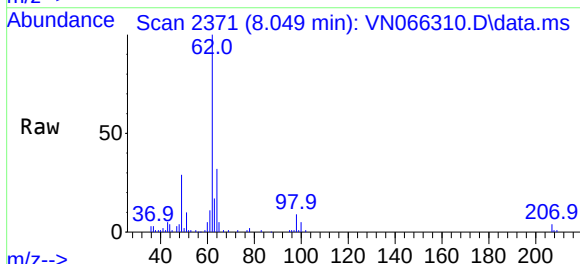
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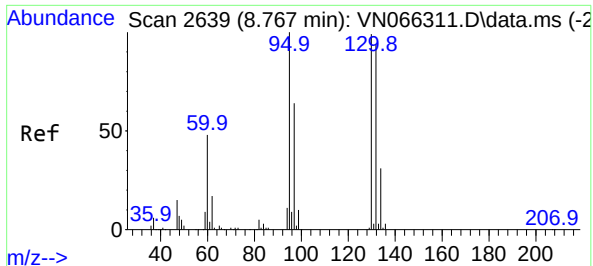
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#36
1,2-Dichloroethane
Concen: 9.13 ug/l
RT: 8.049 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	62	Resp:	73272
Ion Ratio	Lower	Upper	
62	100		
98	9.0	6.9	10.3





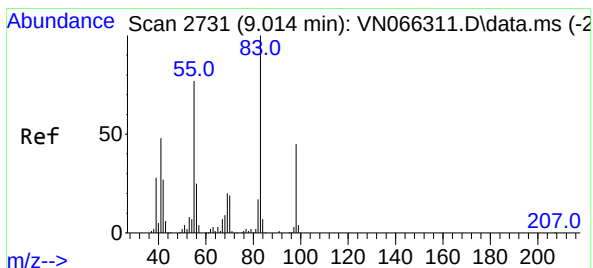
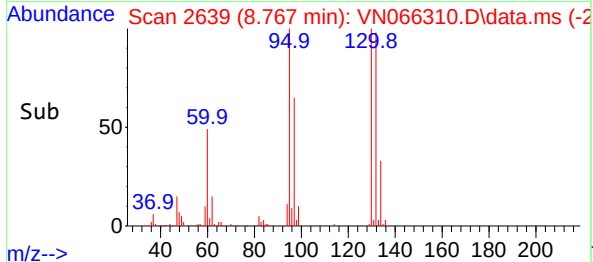
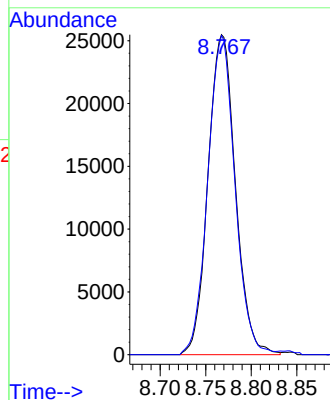
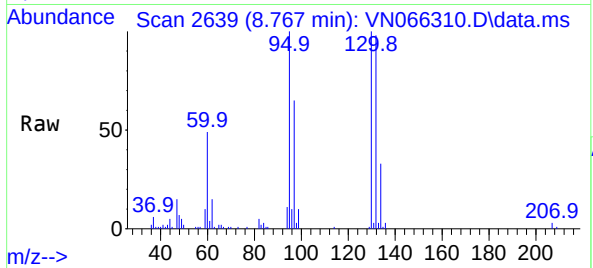
#37
Trichloroethene
Concen: 9.89 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:130 Resp: 53279
Ion Ratio Lower Upper
130 100
95 99.7 80.7 121.1

Instrument :
MSVOA_N
ClientSampleId :
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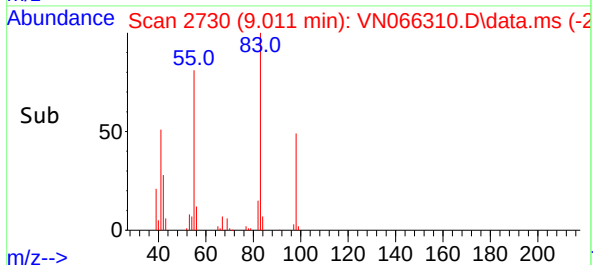
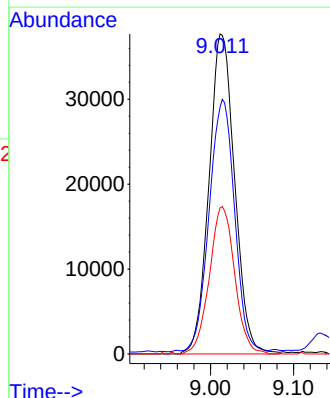
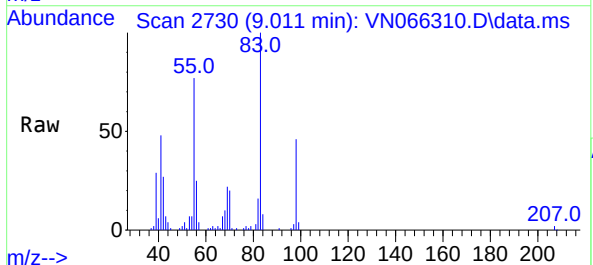
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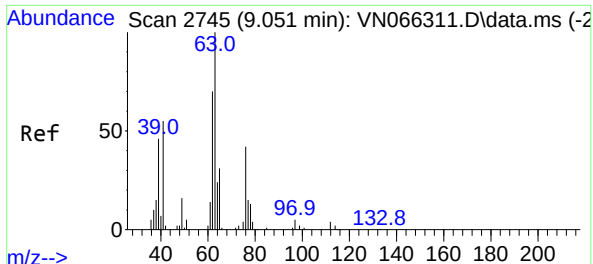
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#38
Methylcyclohexane
Concen: 11.10 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 83 Resp: 80901
Ion Ratio Lower Upper
83 100
55 77.5 38.8 116.3
98 45.4 22.2 66.6





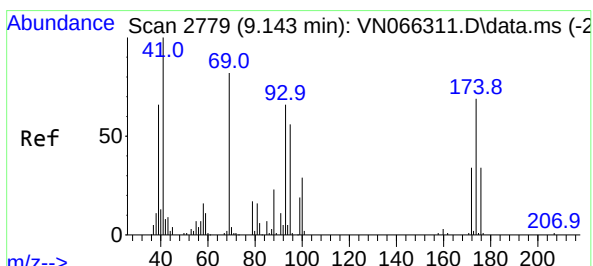
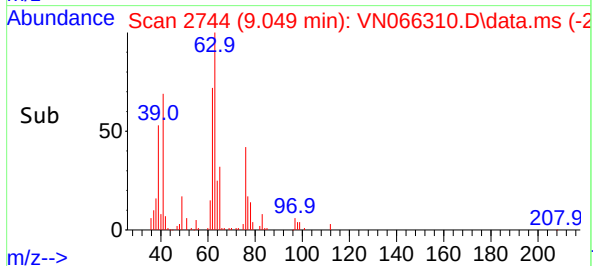
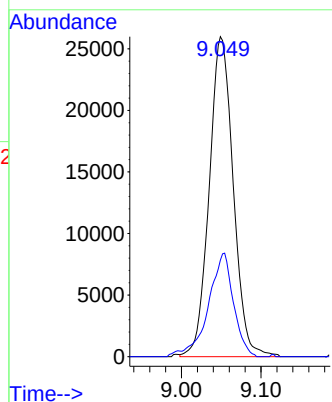
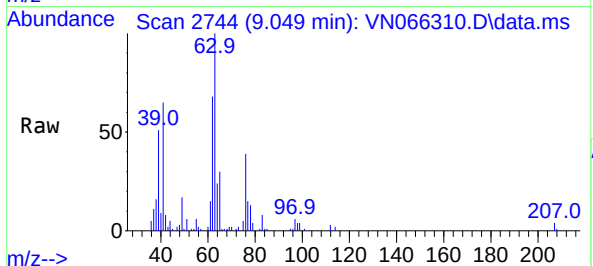
#39
1,2-Dichloropropane
Concen: 10.58 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 63 Resp: 54634
Ion Ratio Lower Upper
63 100
65 30.2 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
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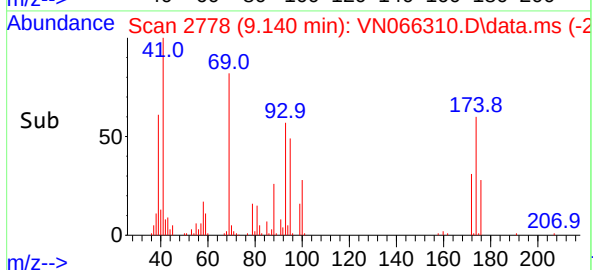
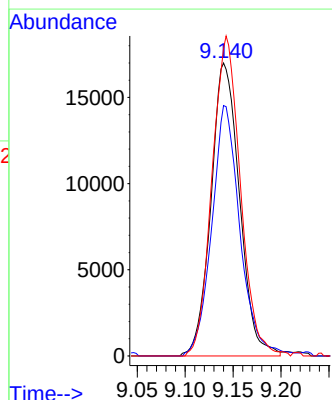
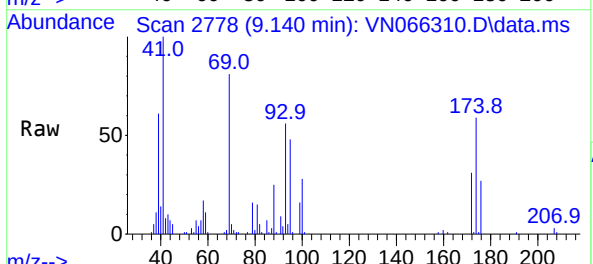
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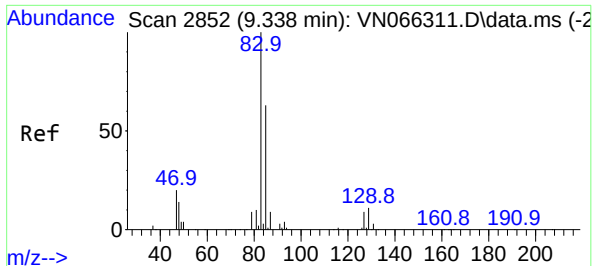
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#40
Dibromomethane
Concen: 10.14 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 93 Resp: 35237
Ion Ratio Lower Upper
93 100
95 84.4 0.0 169.0
174 107.8 0.0 205.8





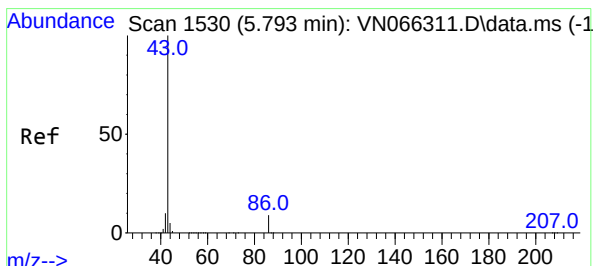
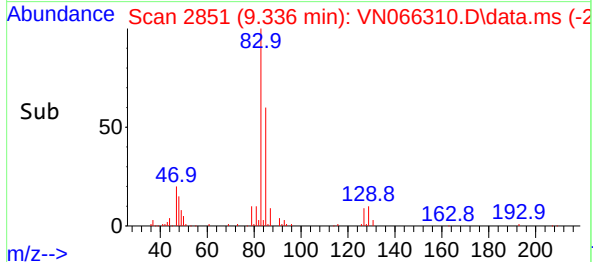
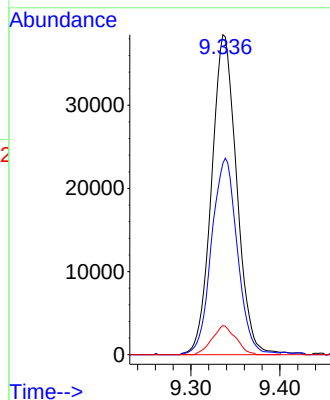
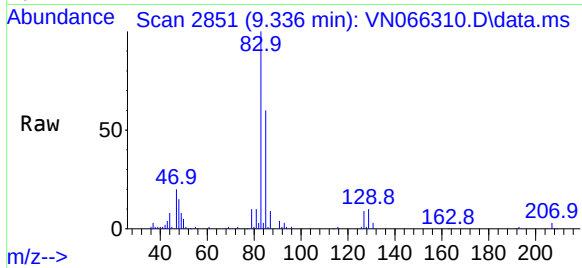
#41
Bromodichloromethane
Concen: 9.75 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 83 Resp: 75507
Ion Ratio Lower Upper
83 100
85 59.8 50.6 75.8
127 9.1 6.9 10.3

Instrument :
MSVOA_N
ClientSampleId :
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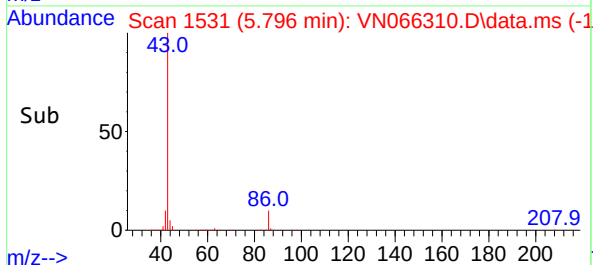
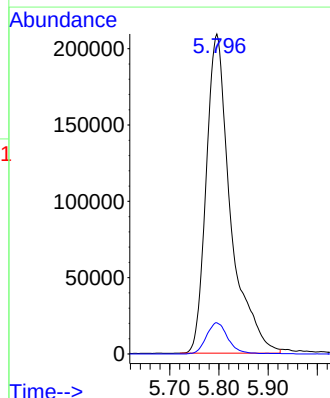
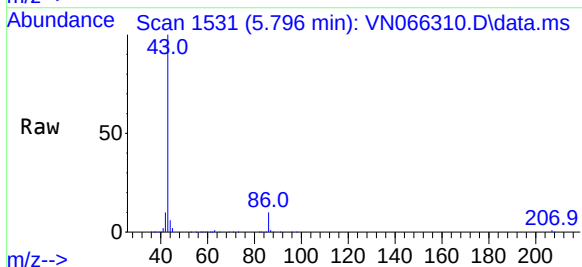
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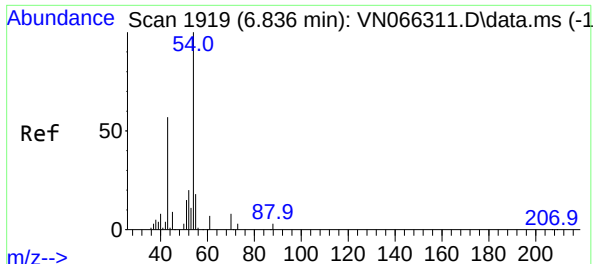
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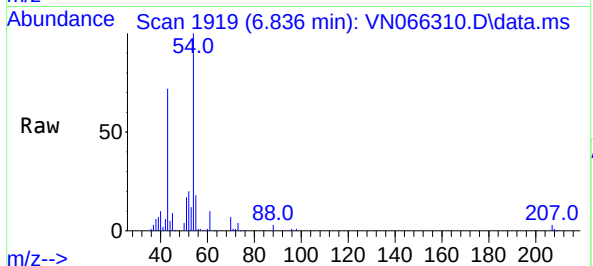
#42
Vinyl Acetate
Concen: 57.94 ug/l
RT: 5.796 min Scan# 1531
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 43 Resp: 719857
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1

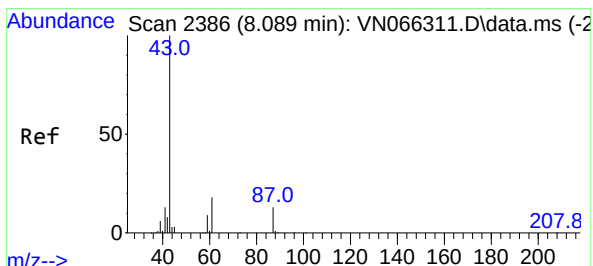
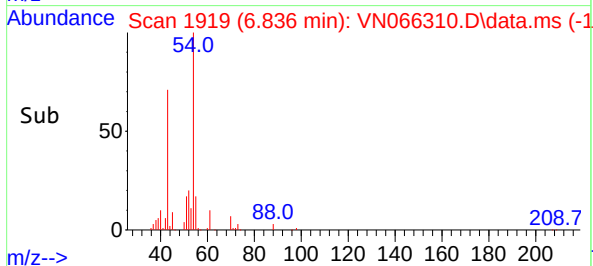
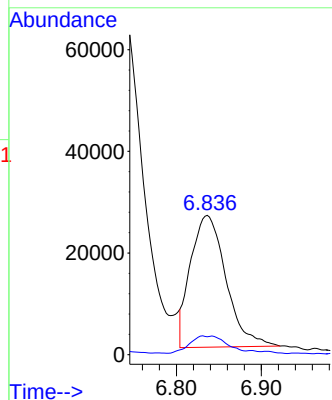




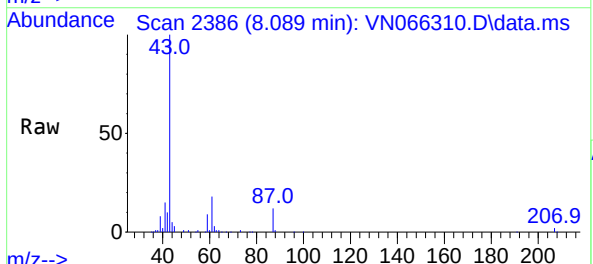
#43
Ethyl Acetate
Concen: 11.92 ug/l
RT: 6.836 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



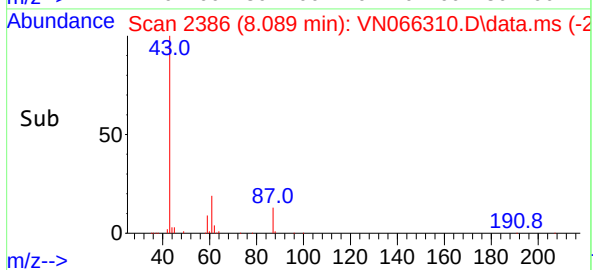
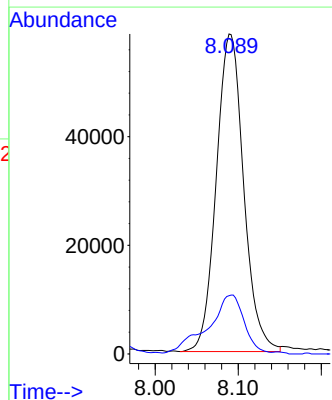
Tgt Ion: 43 Resp: 75024
Ion Ratio Lower Upper
43 100
45 6.6 0.0 0.0#



#44
Isopropyl Acetate
Concen: 12.35 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



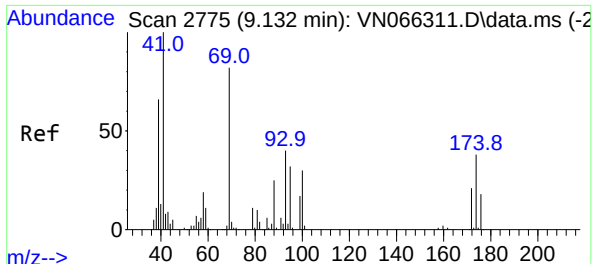
Tgt Ion: 43 Resp: 134035
Ion Ratio Lower Upper
43 100
61 15.5 0.0 0.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

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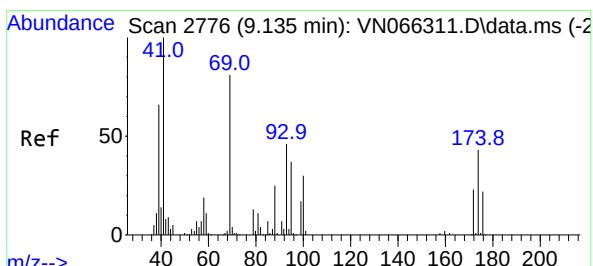
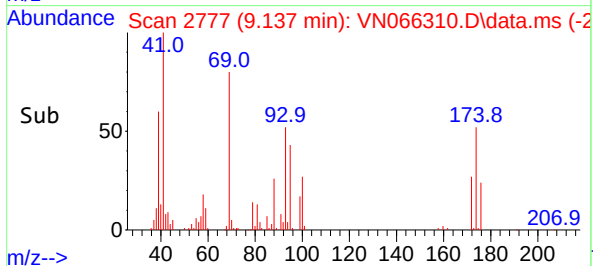
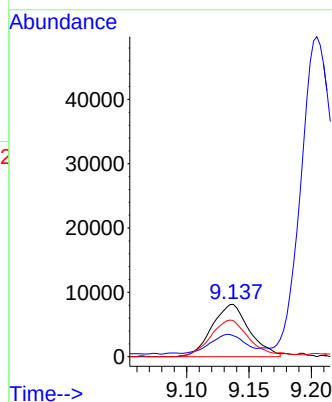
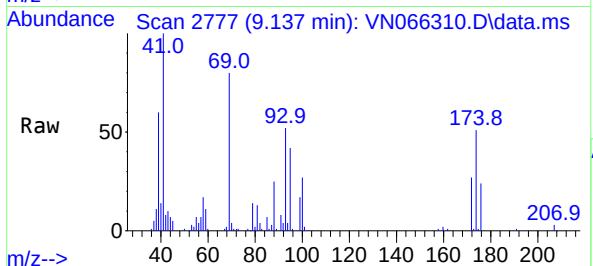
#45
1,4-Dioxane
Concen: 193.39 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.005 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 88 Resp: 16960
Ion Ratio Lower Upper
88 100
43 32.2 27.0 40.4
58 70.4 57.9 86.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

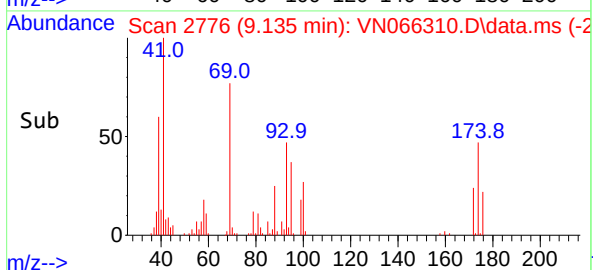
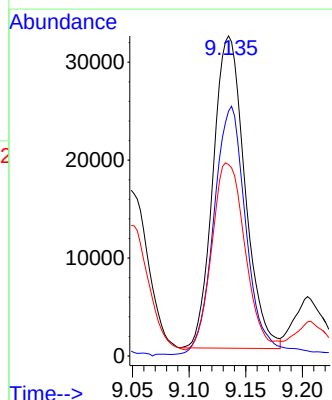
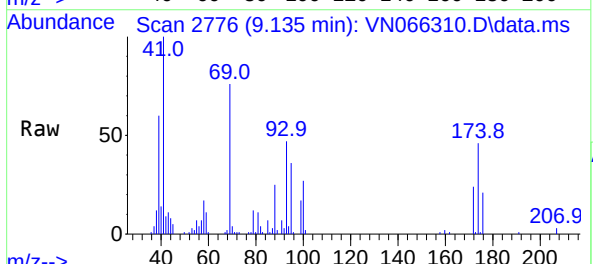
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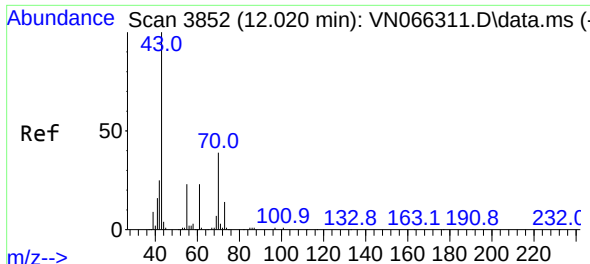
MMDadoda
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#46
Methyl methacrylate
Concen: 12.27 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

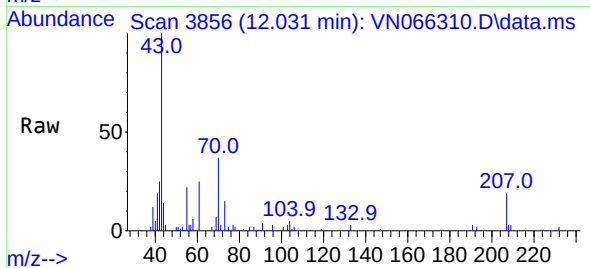
Tgt Ion: 41 Resp: 62185
Ion Ratio Lower Upper
41 100
69 77.7 40.6 121.7
39 58.9 33.2 99.6





#47
n-amy1 Acetate
Concen: 3.91 ug/l
RT: 12.031 min Scan# 3856
Delta R.T. 0.011 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

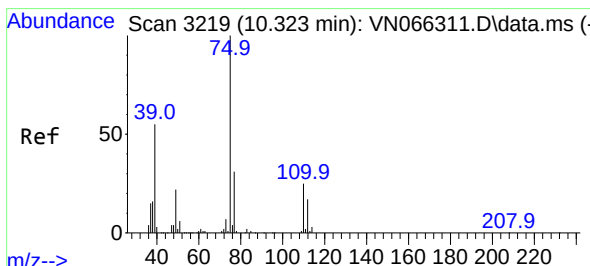
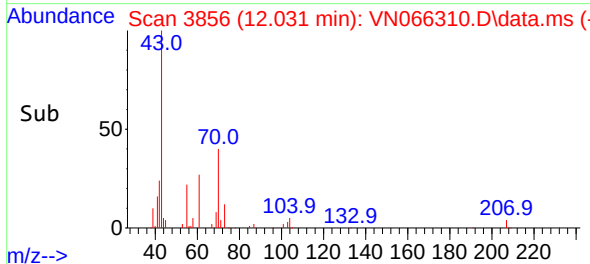
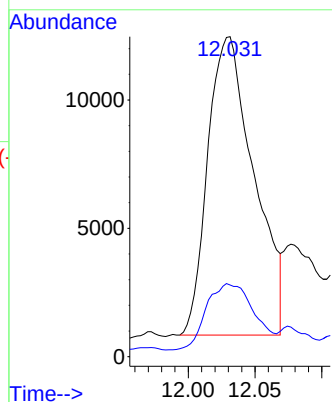
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 28042
Ion Ratio Lower Upper
43 100
55 23.1 17.7 26.5

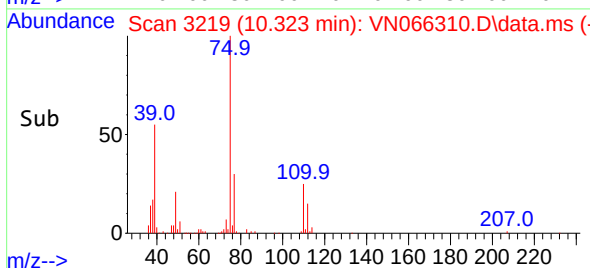
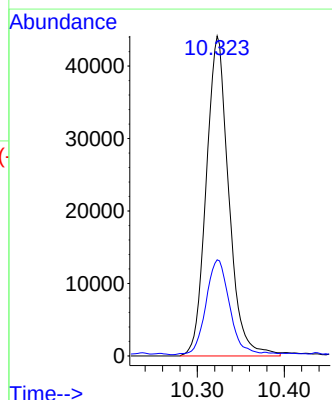
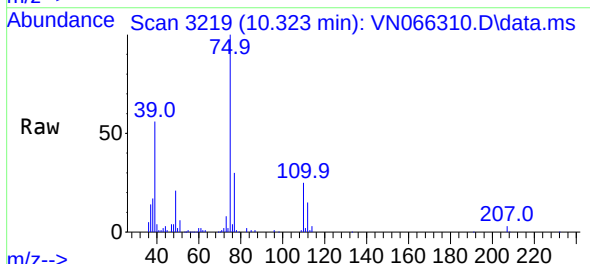
Manual Integrations
APPROVED

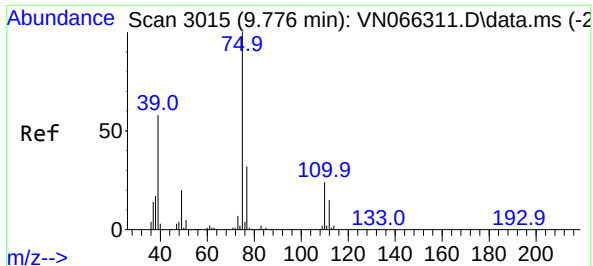
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#48
t-1,3-Dichloropropene
Concen: 8.98 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 75 Resp: 79491
Ion Ratio Lower Upper
75 100
77 29.3 24.9 37.3





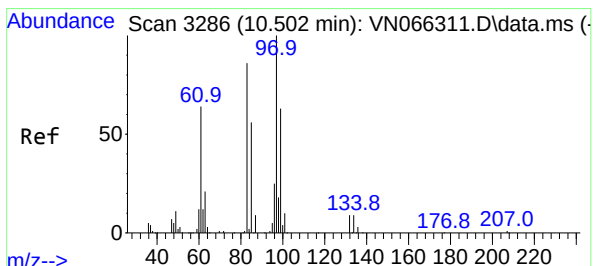
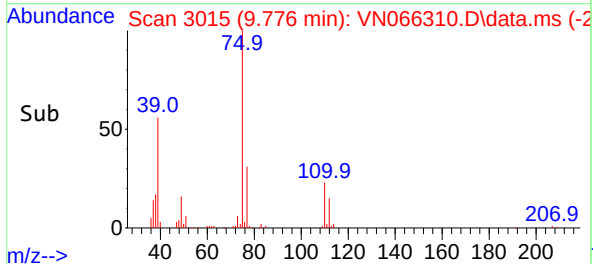
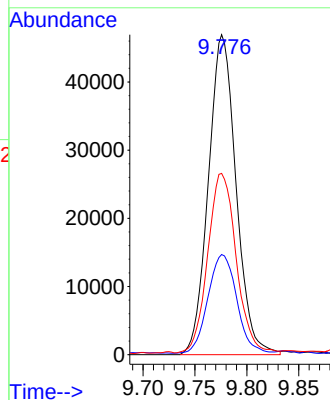
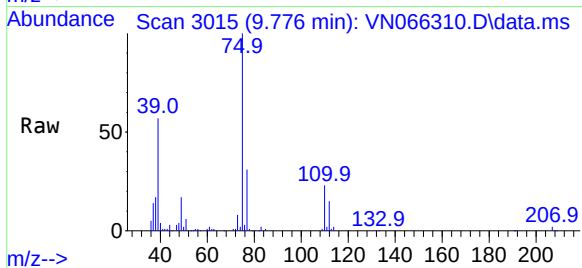
#49
cis-1,3-Dichloropropene
Concen: 9.48 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	75	Resp:	87123
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0
39	55.8	46.8	70.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

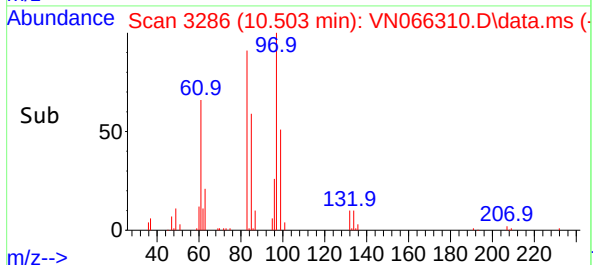
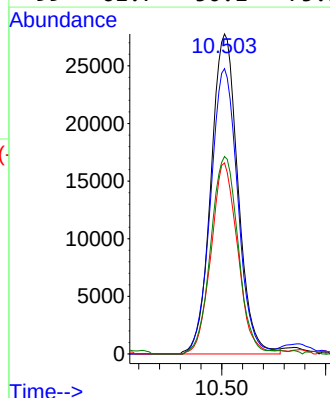
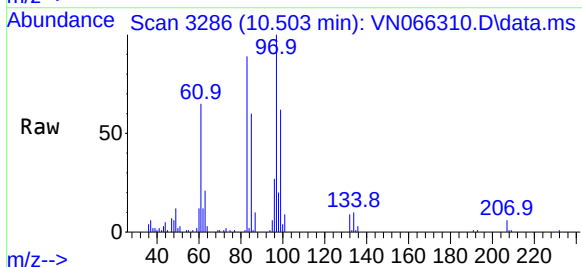
Manual Integrations
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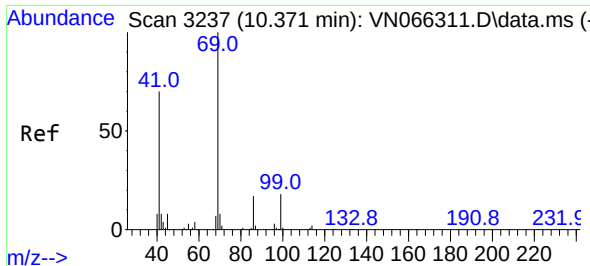
MMDadoda
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#50
1,1,2-Trichloroethane
Concen: 10.16 ug/l
RT: 10.503 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

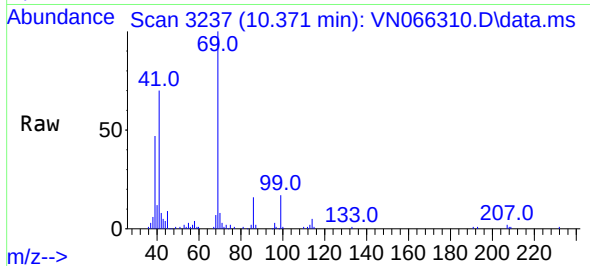
Tgt Ion:	97	Resp:	50014
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.8	103.2
85	59.7	44.8	67.2
99	61.7	50.1	75.1





#51
Ethyl methacrylate
Concen: 10.34 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

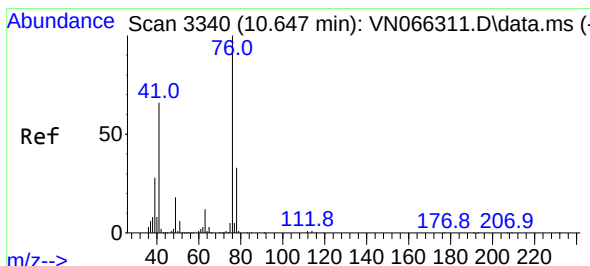
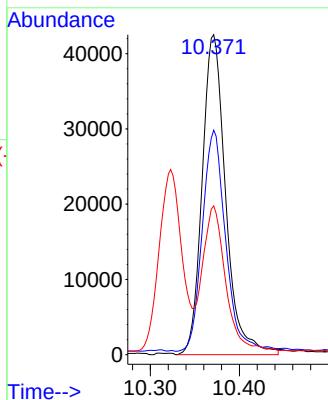
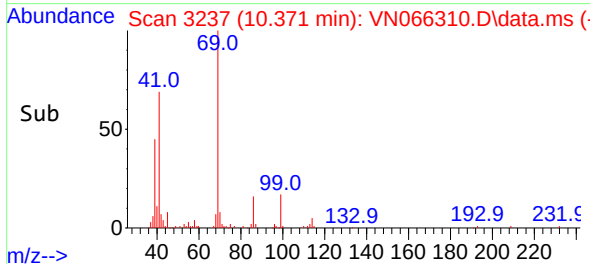
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



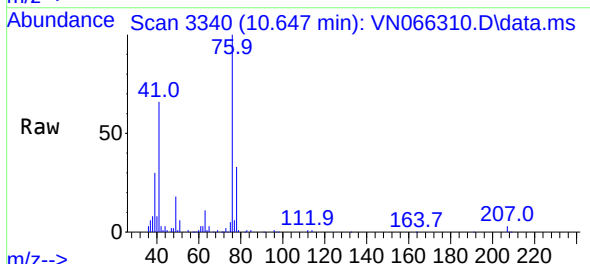
Tgt Ion: 69 Resp: 77990
Ion Ratio Lower Upper
69 100
41 69.1 34.8 104.5
39 45.2 22.5 67.5

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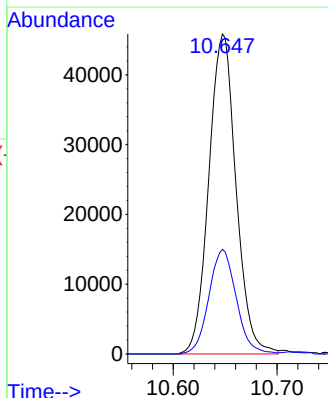
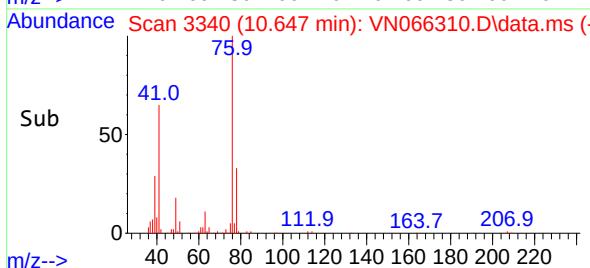
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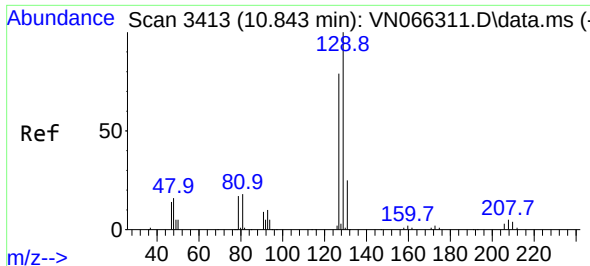


#52
1,3-Dichloropropane
Concen: 9.81 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



Tgt Ion: 76 Resp: 83553
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.6





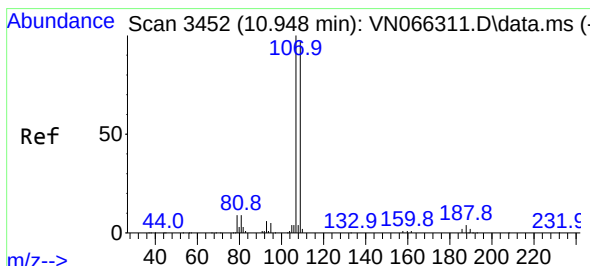
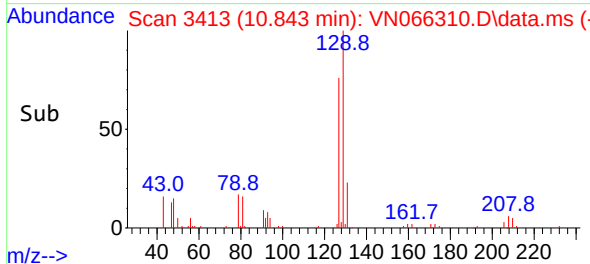
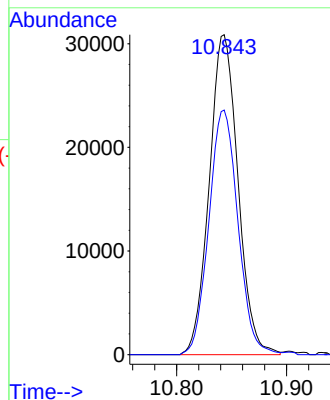
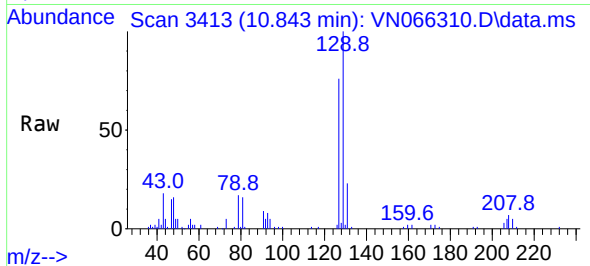
#53
Dibromochloromethane
Concen: 9.44 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:129 Resp: 56115
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

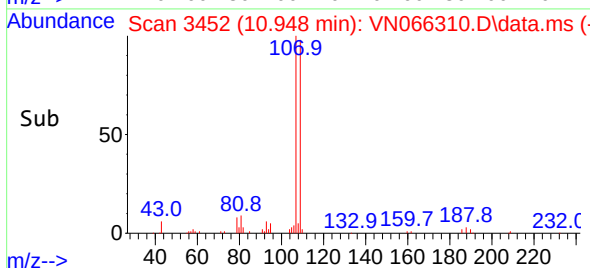
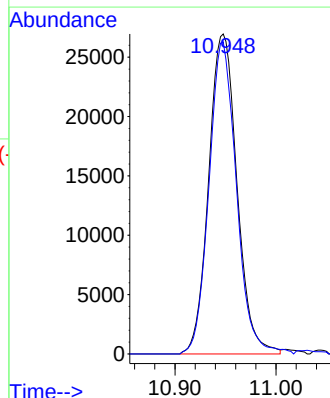
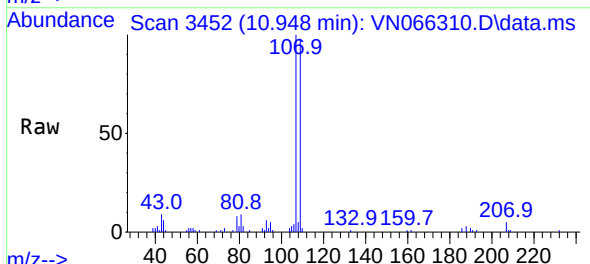
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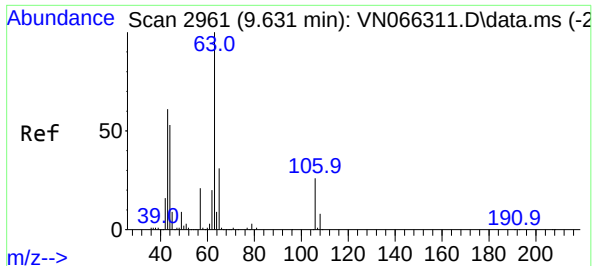
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#54
1,2-Dibromoethane
Concen: 10.15 ug/l
RT: 10.948 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:107 Resp: 52493
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6





#55
2-Chloroethyl vinyl ether
Concen: 23.94 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

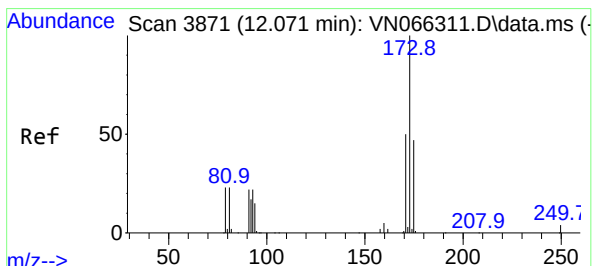
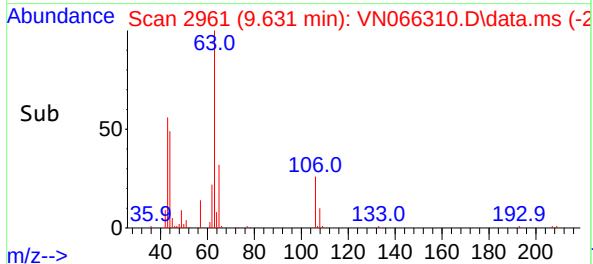
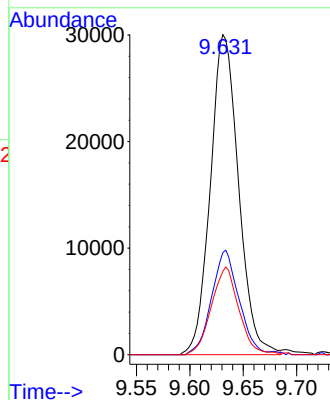
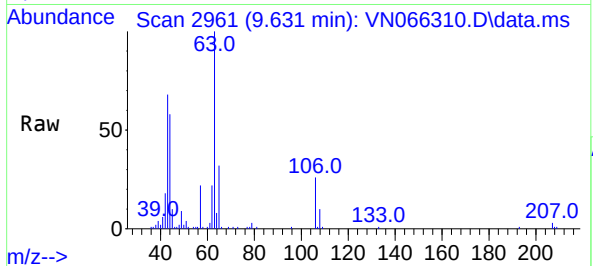
Tgt Ion: 63 Resp: 55168

Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.0	39.0
106	26.6	20.6	31.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

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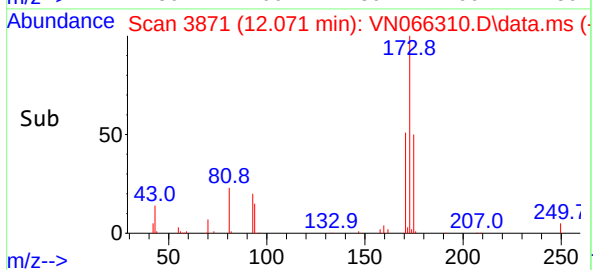
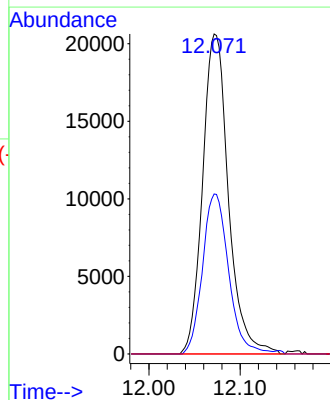
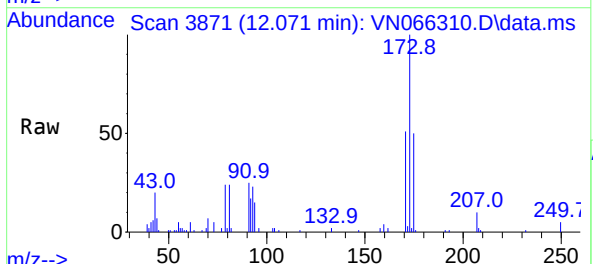
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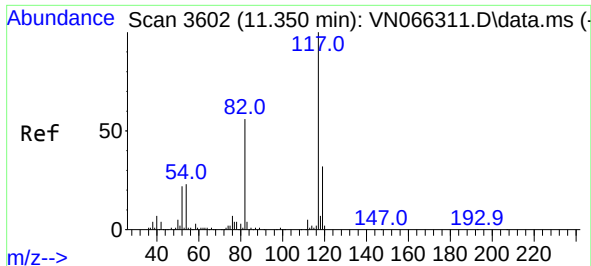


#56
Bromoform
Concen: 10.11 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

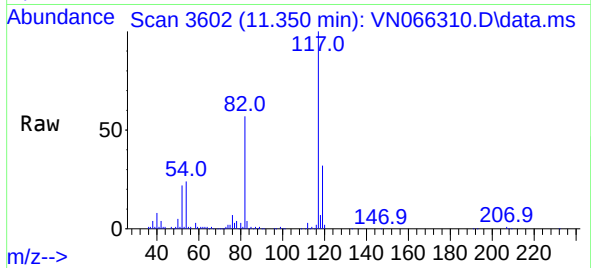
Tgt Ion: 173 Resp: 40574

Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.3	57.5
254	0.0	0.0	0.0

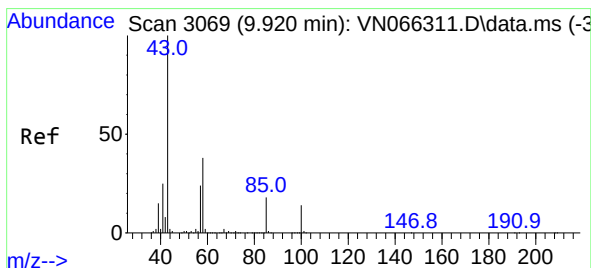
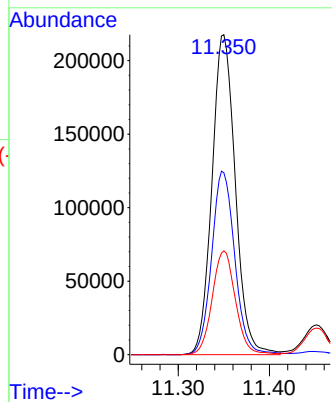
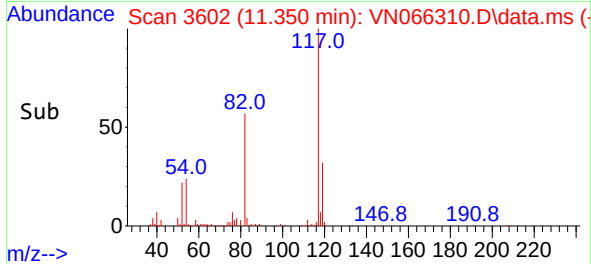




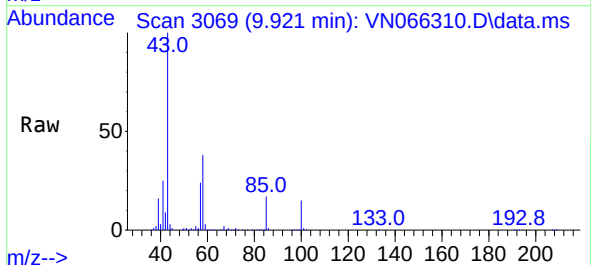
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



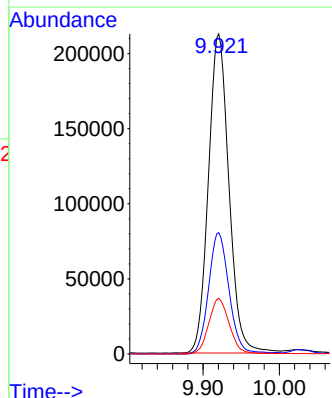
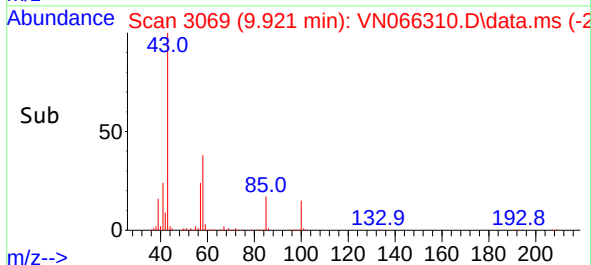
Tgt Ion: 117 Resp: 387320
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 32.3 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 69.87 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



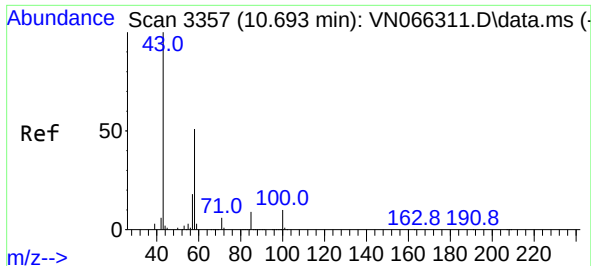
Tgt Ion: 43 Resp: 396992
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6
85 17.4 13.8 20.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
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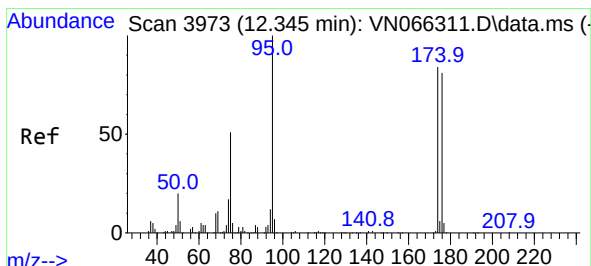
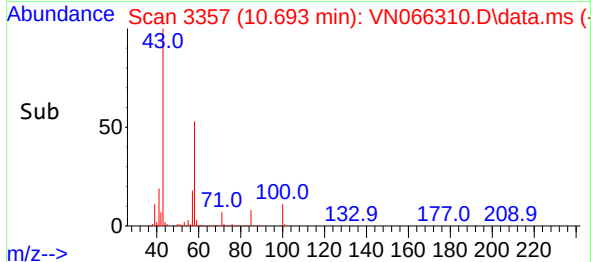
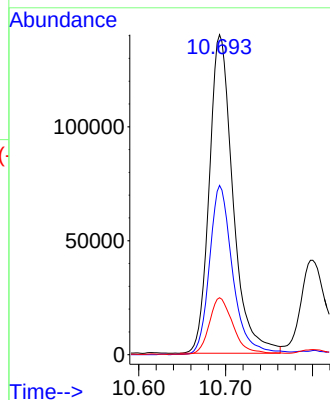
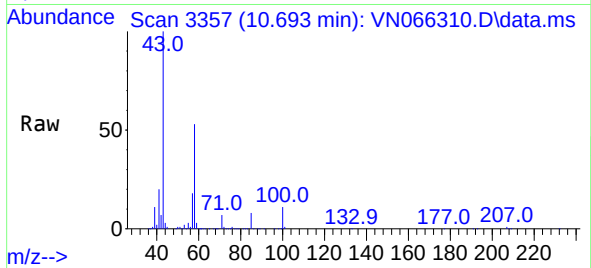
#59
2-Hexanone
Concen: 66.55 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 43 Resp: 264467
Ion Ratio Lower Upper
43 100
58 52.1 41.8 62.6
57 17.9 14.9 22.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

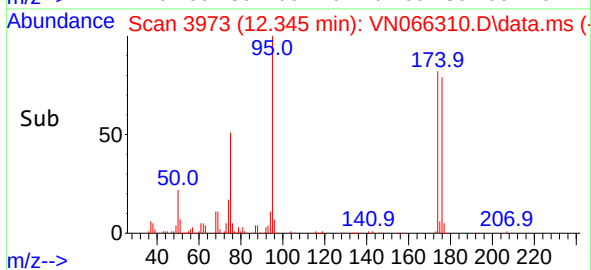
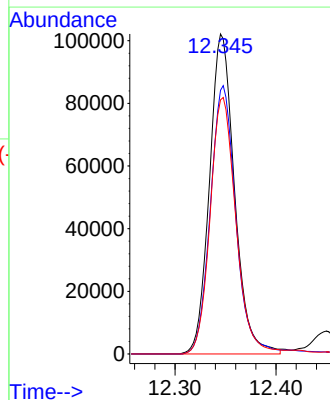
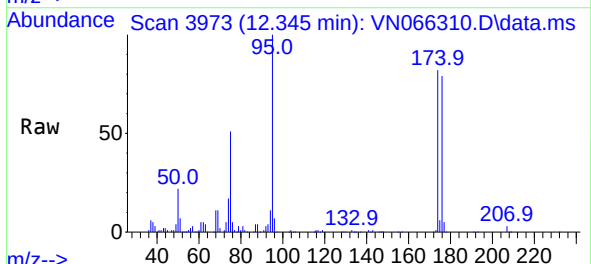
Manual Integrations
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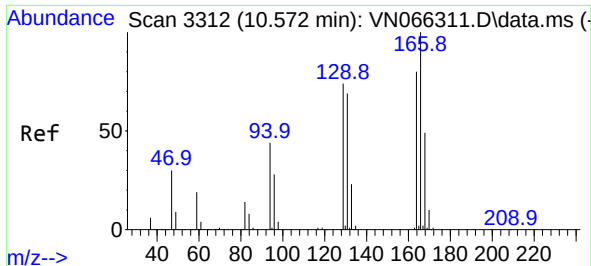
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 26.63 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 95 Resp: 176027
Ion Ratio Lower Upper
95 100
174 86.3 68.1 102.1
176 82.3 65.4 98.0





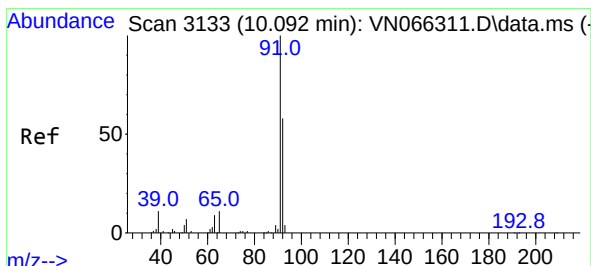
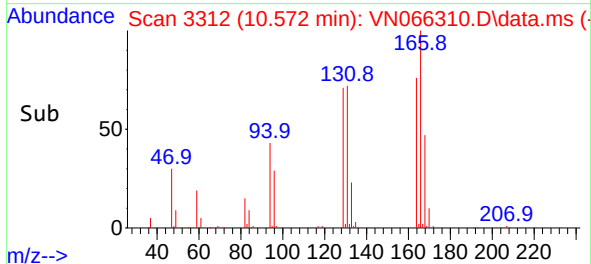
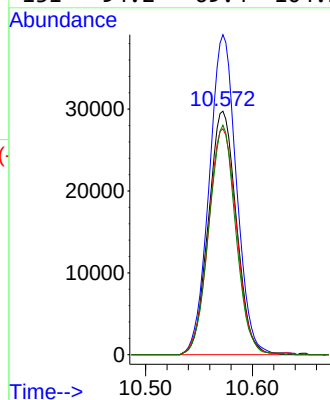
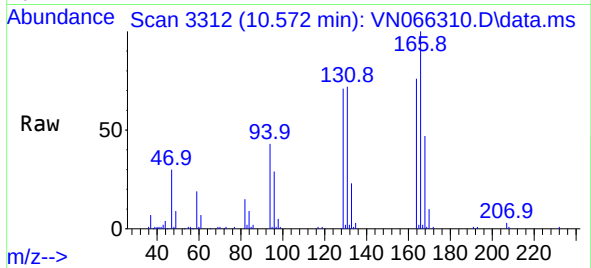
#61
Tetrachloroethene
Concen: 10.66 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	164	Resp:	54046
Ion Ratio	Lower	Upper	
164	100		
166	131.4	100.5	150.7
129	92.8	74.7	112.1
131	94.2	69.4	104.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

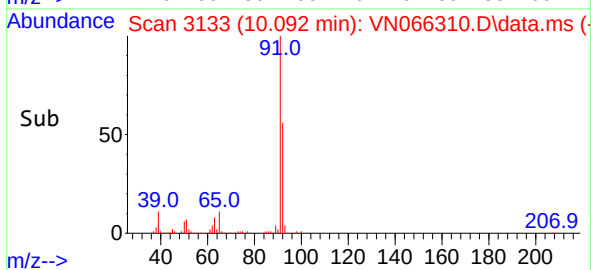
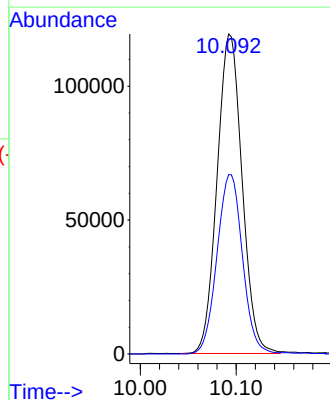
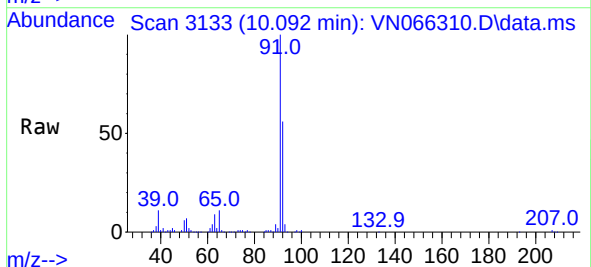
Manual Integrations
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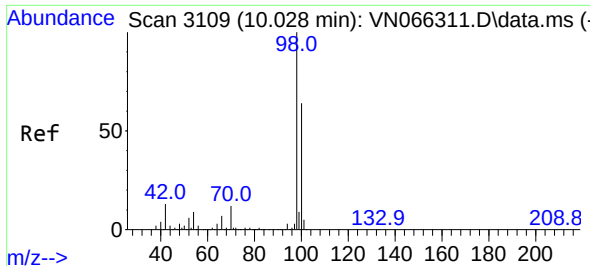
MMDadoda
3/30/2021 10:41:02 AM



#62
Toluene
Concen: 10.55 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:	91	Resp:	216100
Ion Ratio	Lower	Upper	
91	100		
92	57.1	46.2	69.2





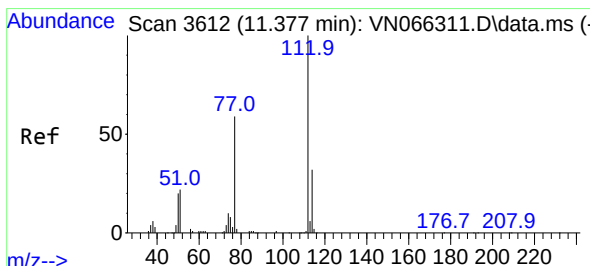
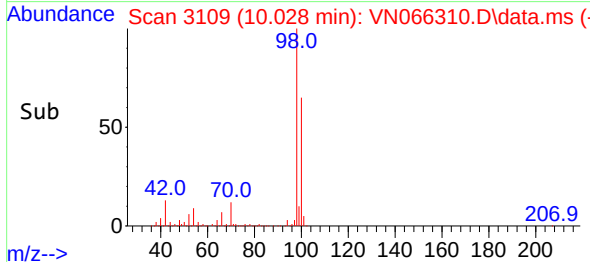
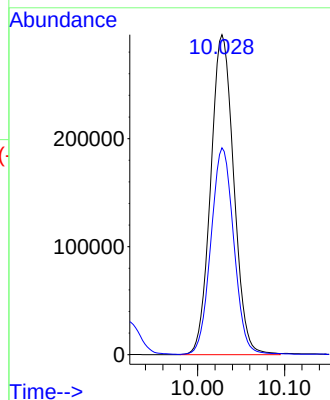
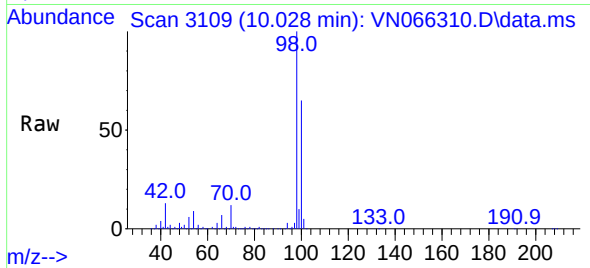
#63
Toluene-d8
Concen: 31.24 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 98 Resp: 546350
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

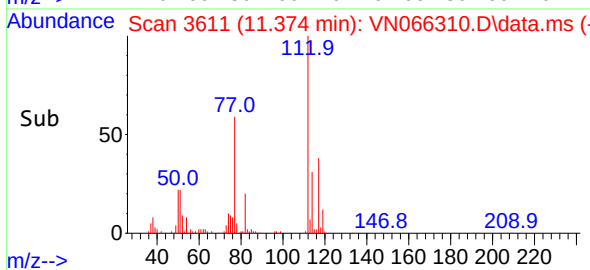
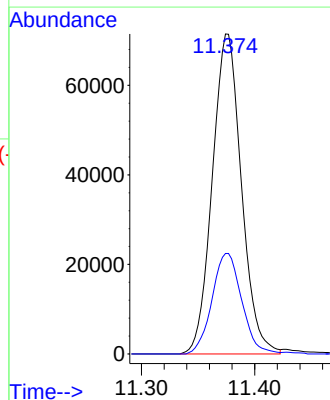
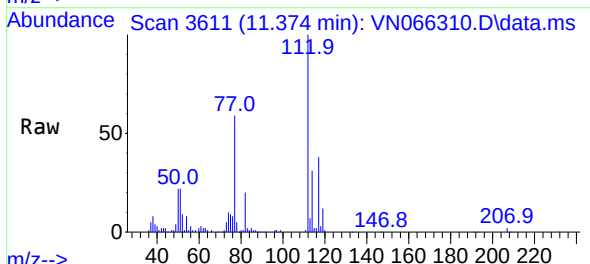
Manual Integrations
APPROVED

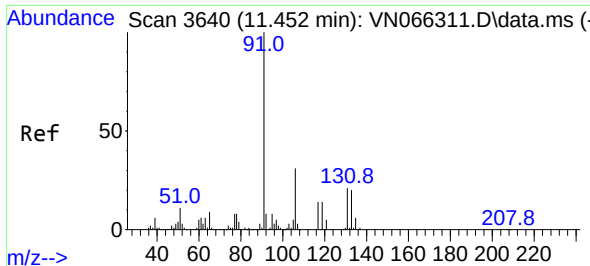
MMDadoda
3/30/2021 10:41:02 AM



#64
Chlorobenzene
Concen: 9.71 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 112 Resp: 127454
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4





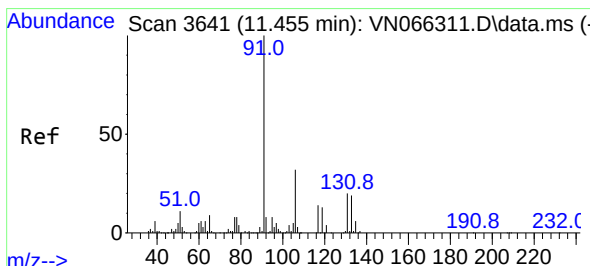
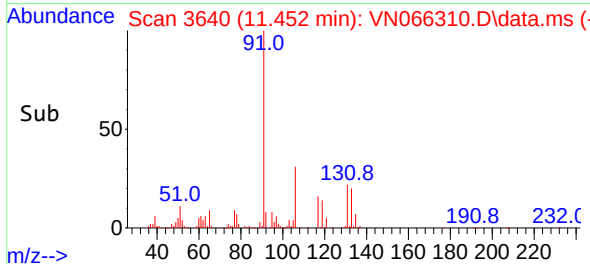
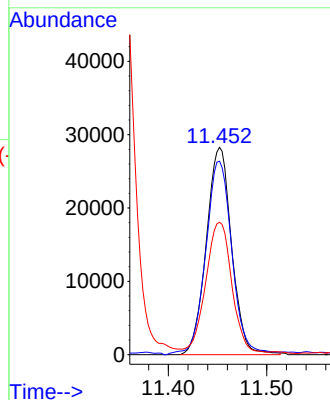
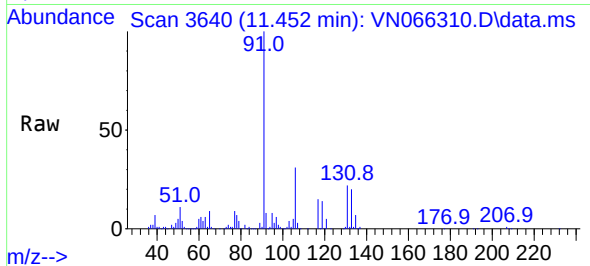
#65
1,1,1,2-Tetrachloroethane
Concen: 10.02 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:131 Resp: 50589
Ion Ratio Lower Upper
131 100
133 96.9 0.0 188.4
119 67.0 0.0 134.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

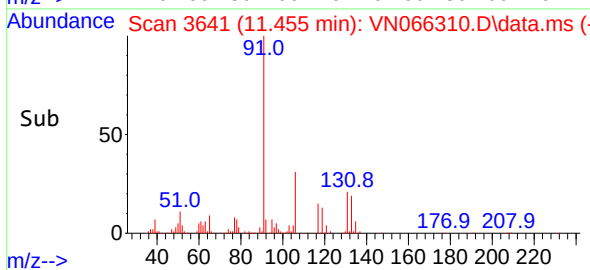
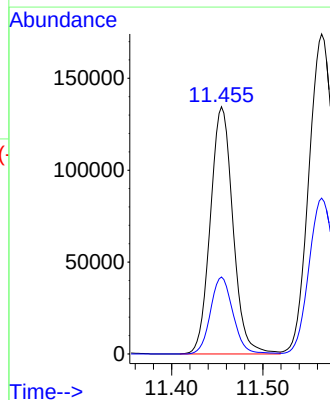
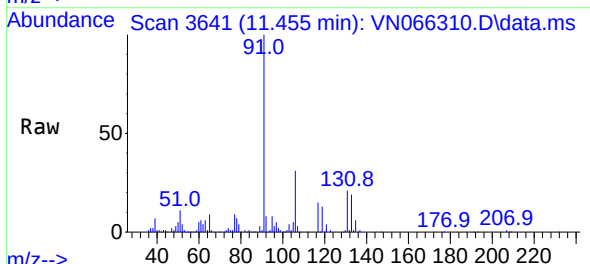
Manual Integrations
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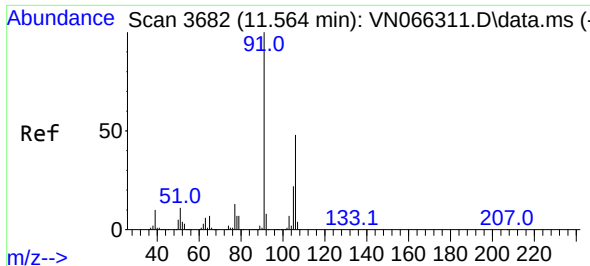
MMDadoda
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#66
Ethyl Benzene
Concen: 9.98 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 91 Resp: 232226
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3





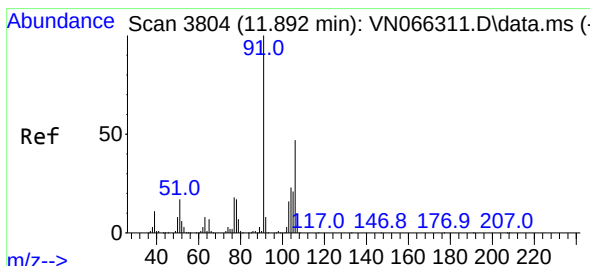
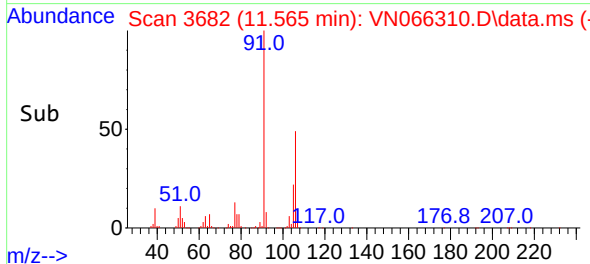
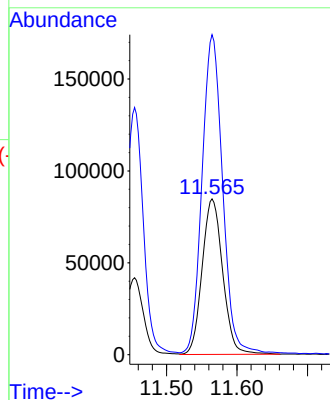
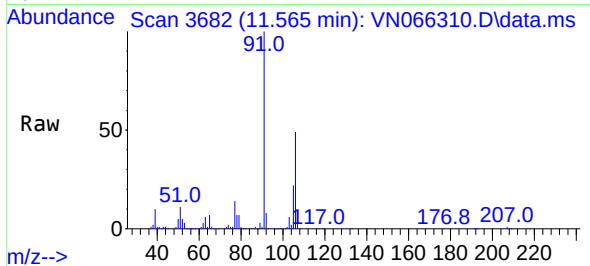
#67
m/p-Xylenes
Concen: 19.13 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:106 Resp: 171299
Ion Ratio Lower Upper
106 100
91 202.9 164.8 247.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

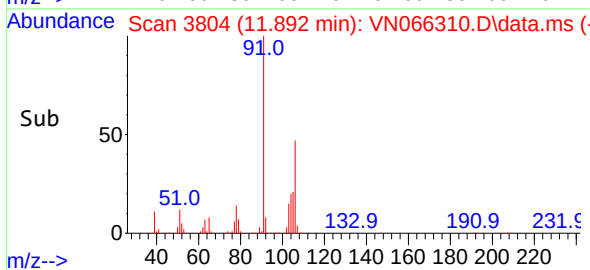
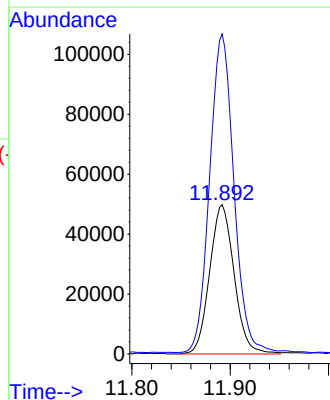
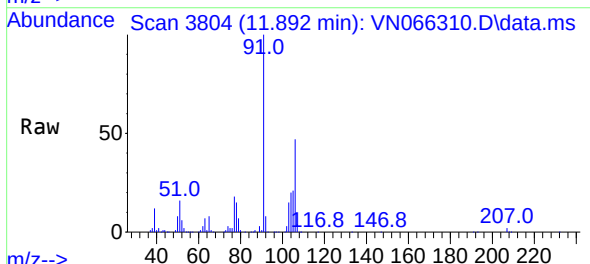
Manual Integrations
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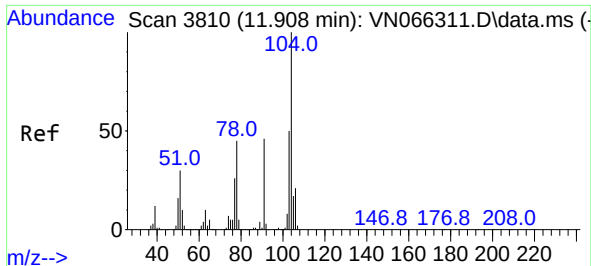
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#68
o-Xylene
Concen: 9.80 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:106 Resp: 86310
Ion Ratio Lower Upper
106 100
91 210.2 107.1 321.4





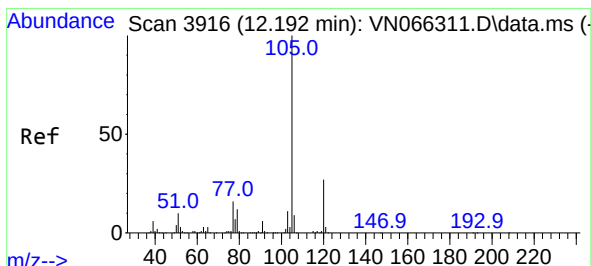
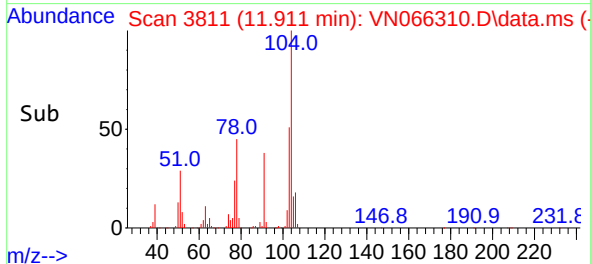
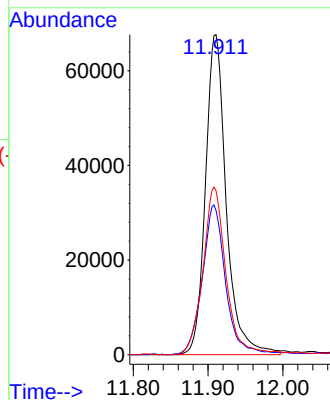
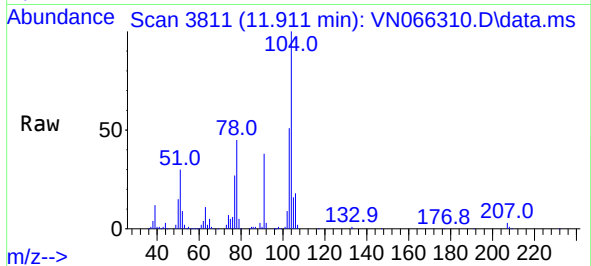
#69
Styrene
Concen: 9.07 ug/l
RT: 11.911 min Scan# 3811
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:104 Resp: 131048
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 57.6 43.7 65.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

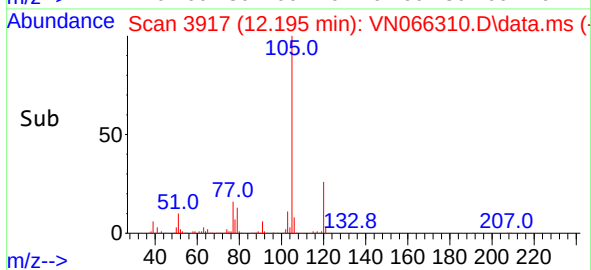
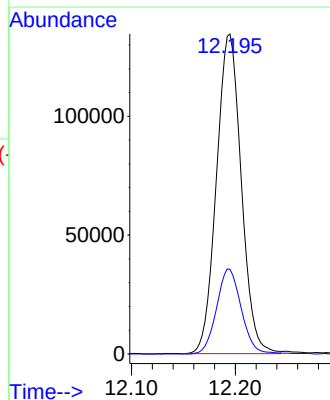
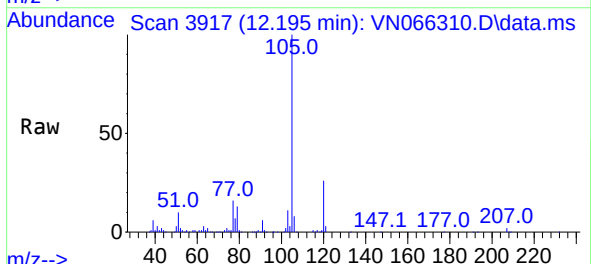
Manual Integrations
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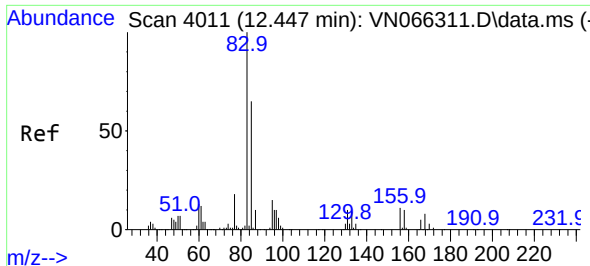
MMDadoda
3/30/2021 10:41:02 AM



#70
Isopropylbenzene
Concen: 9.67 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:105 Resp: 223114
Ion Ratio Lower Upper
105 100
120 26.4 18.7 34.7





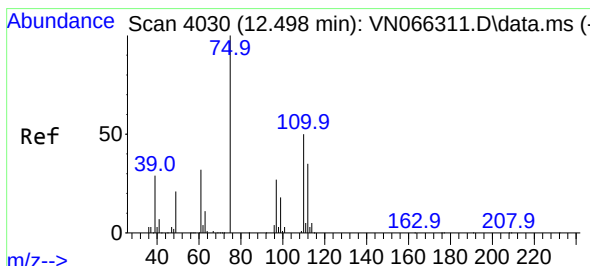
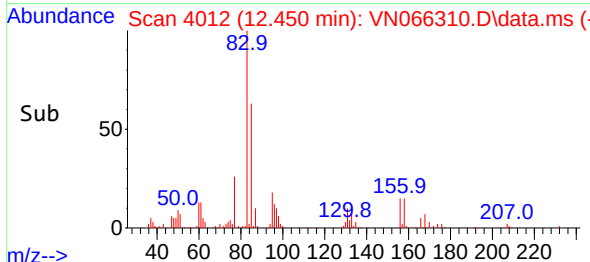
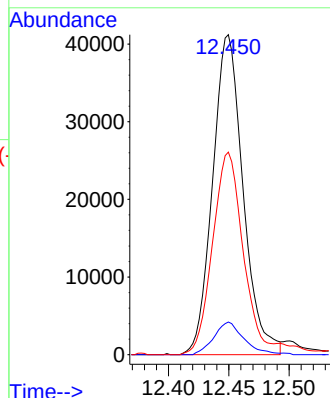
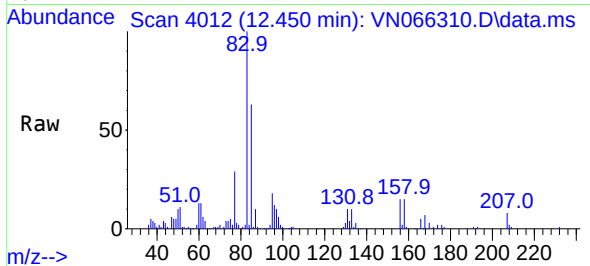
#71
1,1,2,2-Tetrachloroethane
Concen: 11.17 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 72435
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 63.1 31.4 94.2

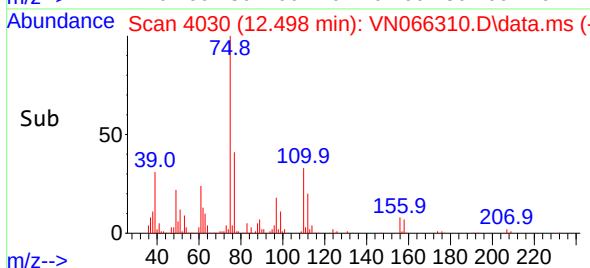
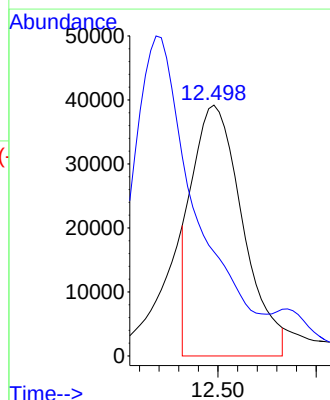
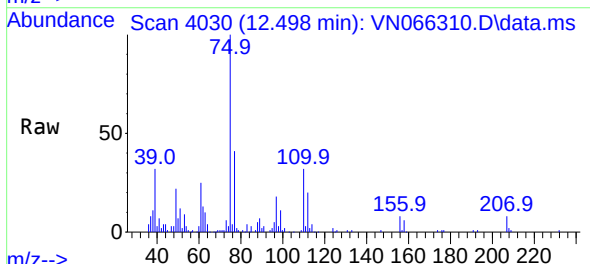
Manual Integrations
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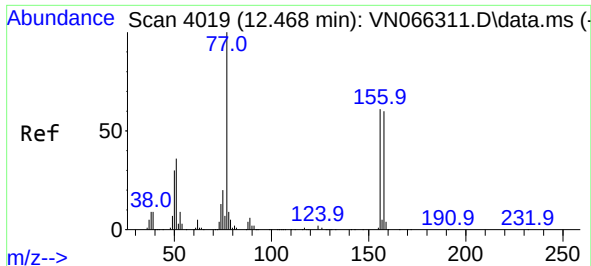
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#72
1,2,3-Trichloropropane
Concen: 10.73 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 75 Resp: 69455
Ion Ratio Lower Upper
75 100
77 161.8 0.0 313.6





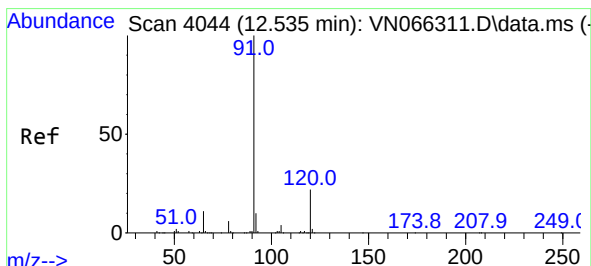
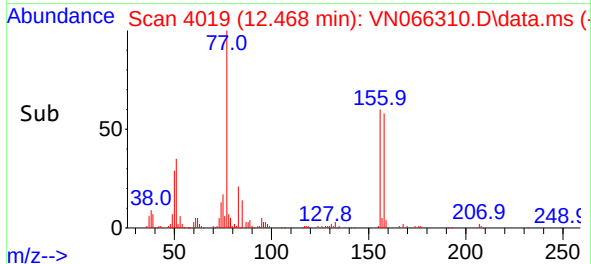
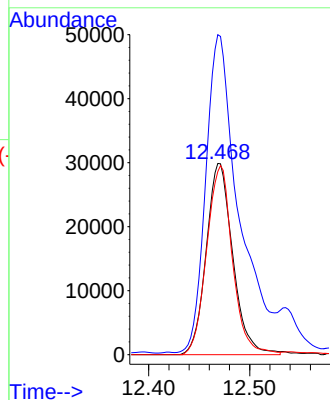
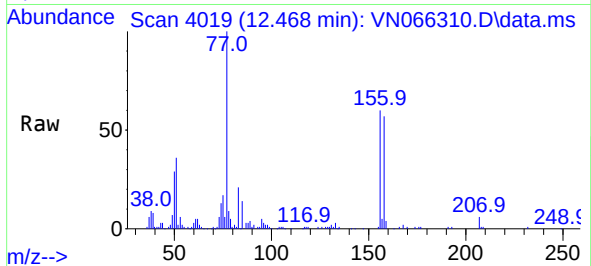
#73
Bromobenzene
Concen: 9.77 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:156 Resp: 54693
Ion Ratio Lower Upper
156 100
77 205.5 0.0 399.6
158 96.1 0.0 192.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

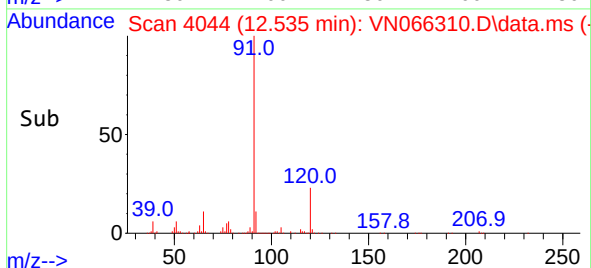
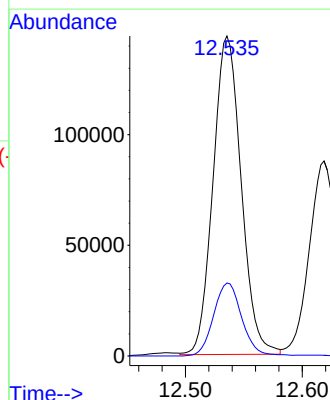
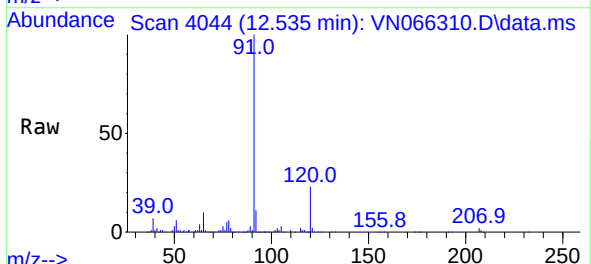
Manual Integrations
APPROVED

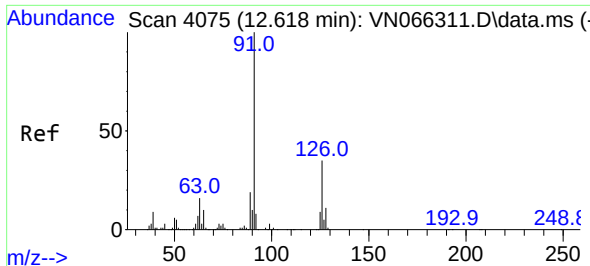
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#74
n-propylbenzene
Concen: 9.42 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 91 Resp: 240586
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.2





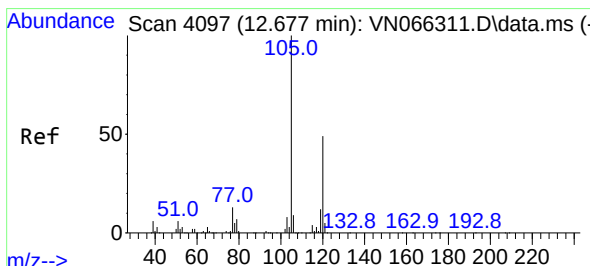
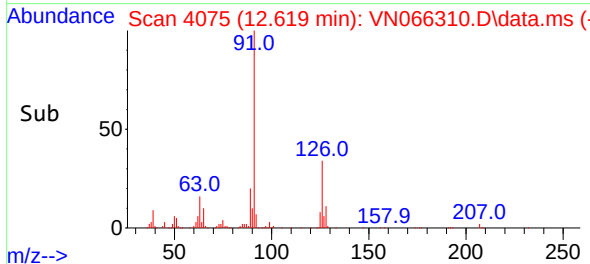
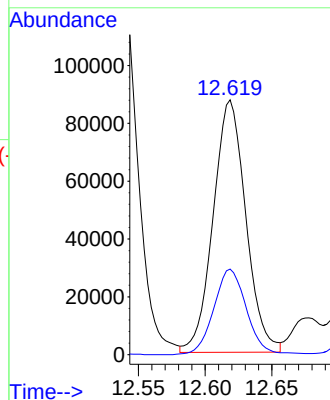
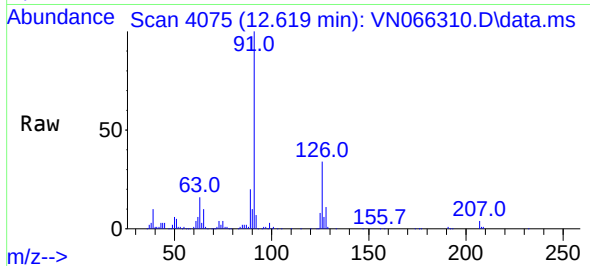
#75
2-Chlorotoluene
Concen: 9.21 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 91 Resp: 148824
Ion Ratio Lower Upper
91 100
126 33.6 0.0 68.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

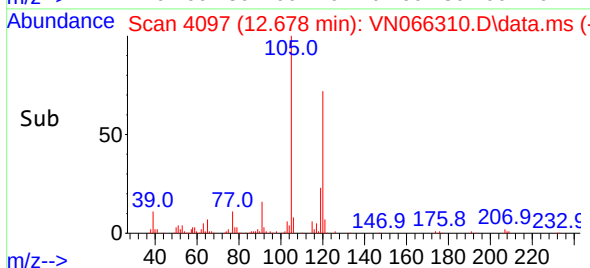
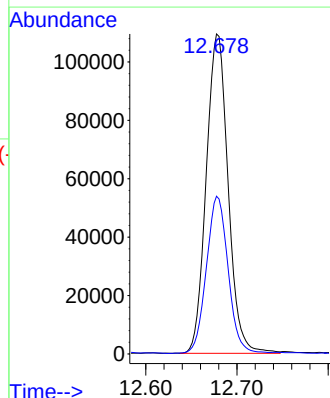
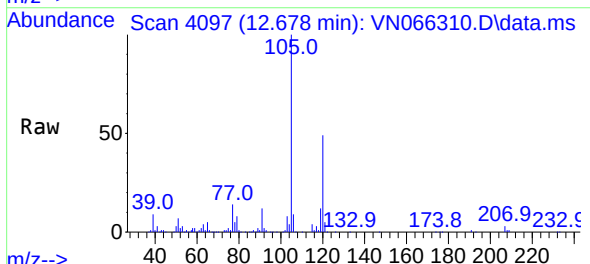
Manual Integrations
APPROVED

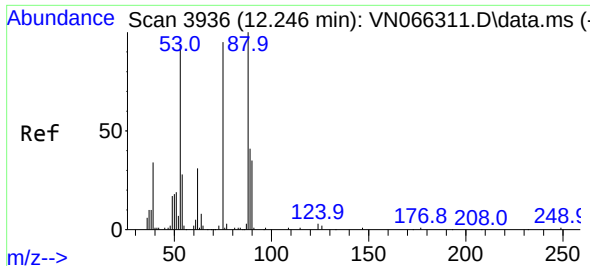
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#76
1,3,5-Trimethylbenzene
Concen: 8.94 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

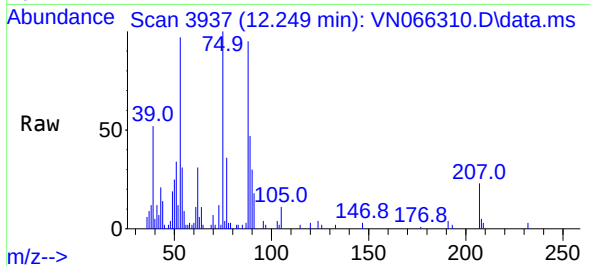
Tgt Ion: 105 Resp: 182359
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 8.62 ug/l
RT: 12.249 min Scan# 3937
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

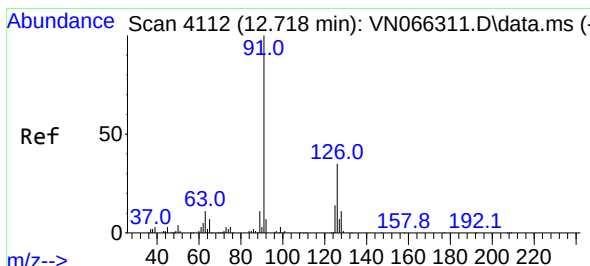
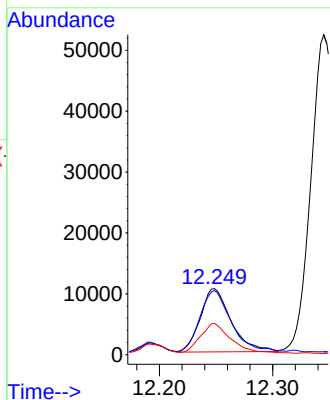
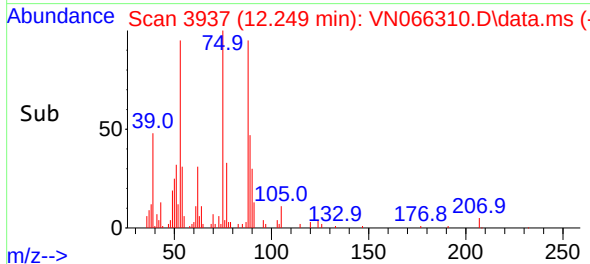
Instrument :
MSVOA_N
ClientSampled :
VSTDIC010



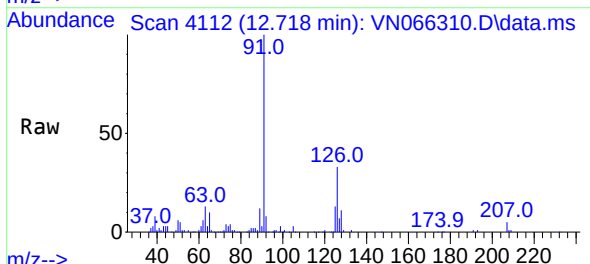
Tgt Ion: 75 Resp: 19621
Ion Ratio Lower Upper
75 100
53 97.2 49.6 149.0
89 46.5 22.9 68.7

Manual Integrations
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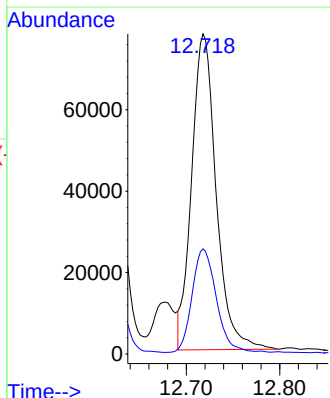
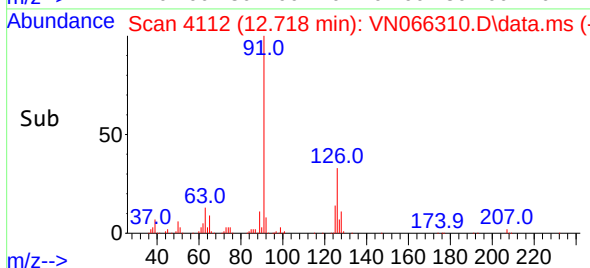
MMDadoda
3/30/2021 10:41:02 AM

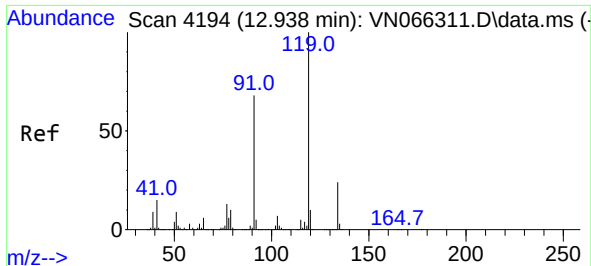


#78
4-Chlorotoluene
Concen: 8.64 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



Tgt Ion: 91 Resp: 141634
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4





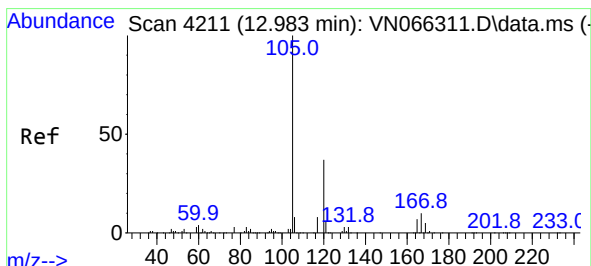
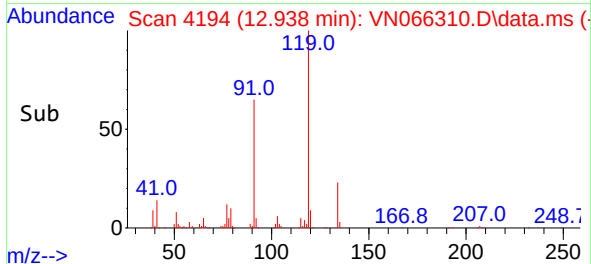
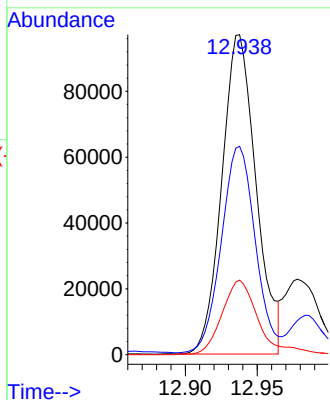
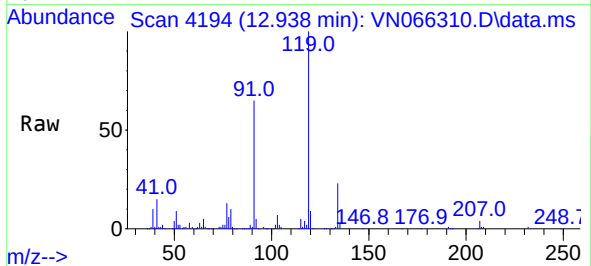
#79
tert-butylbenzene
Concen: 9.45 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:119 Resp: 160863
Ion Ratio Lower Upper
119 100
91 64.2 0.0 133.4
134 24.3 0.0 51.0

Instrument :
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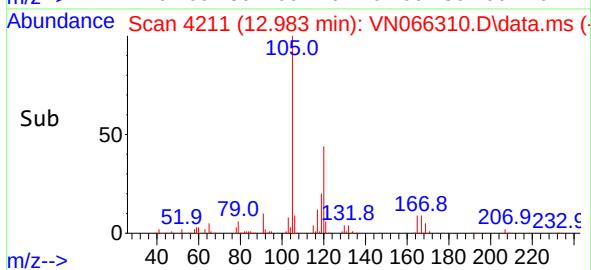
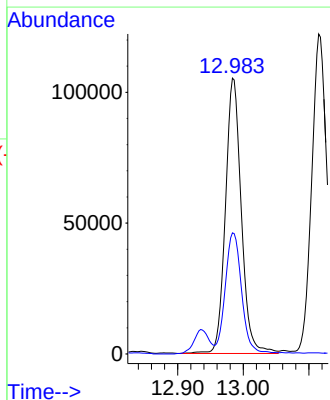
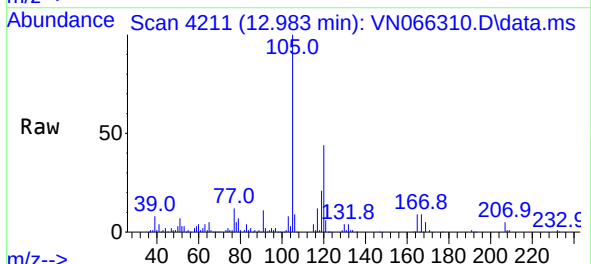
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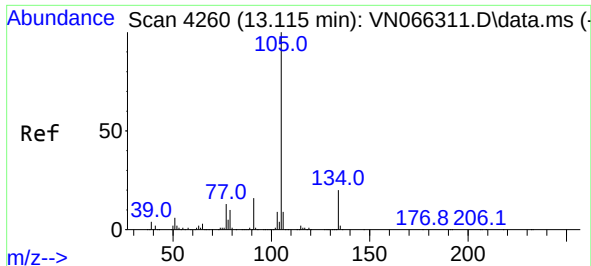
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#80
1,2,4-Trimethylbenzene
Concen: 8.86 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

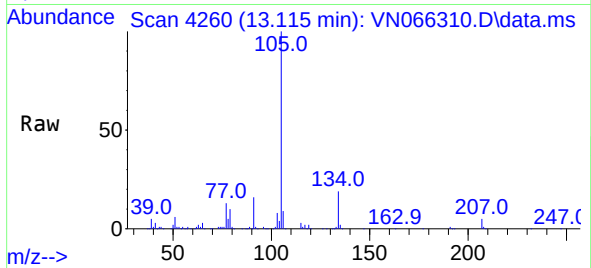
Tgt Ion:105 Resp: 177129
Ion Ratio Lower Upper
105 100
120 43.3 0.0 90.6





#81
 sec-Butylbenzene
 Concen: 9.25 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066310.D
 Acq: 24 Mar 2021 14:29

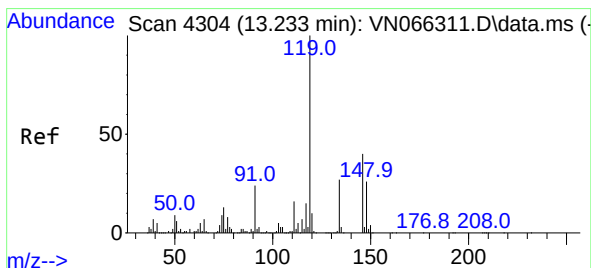
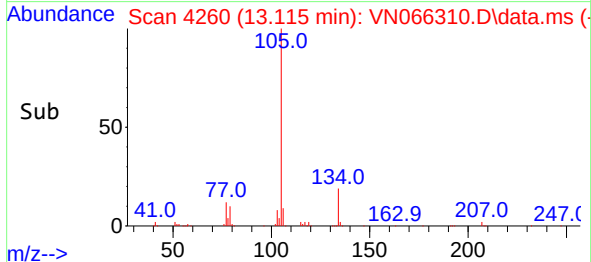
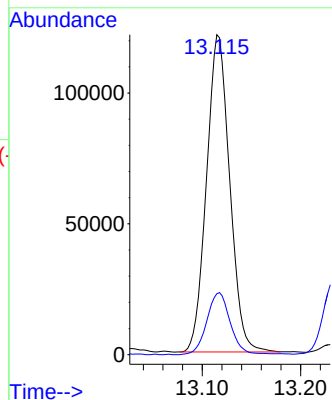
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



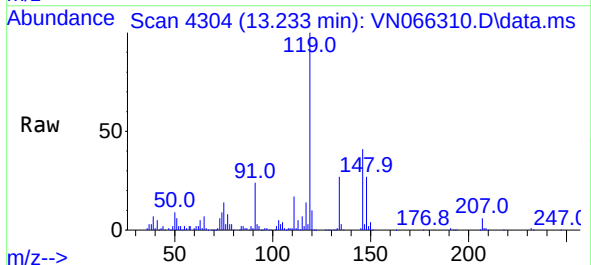
Tgt Ion:105 Resp: 198616
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 40.0

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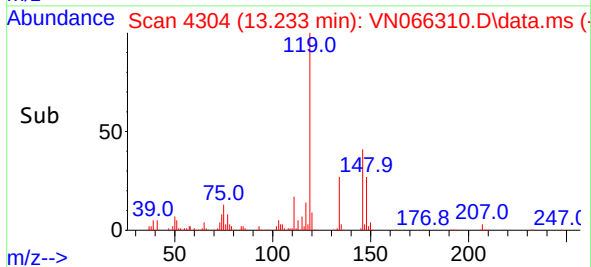
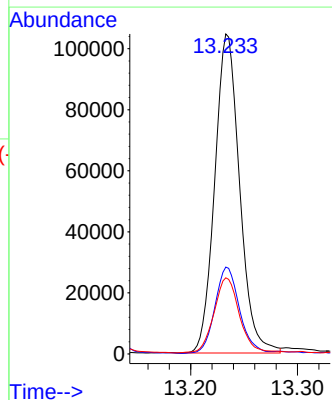
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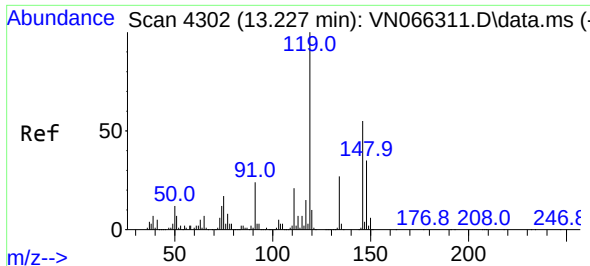


#82
 p-Isopropyltoluene
 Concen: 8.43 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066310.D
 Acq: 24 Mar 2021 14:29

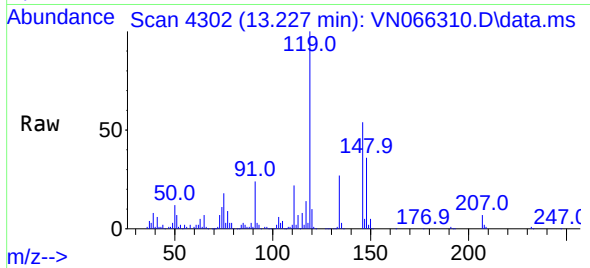


Tgt Ion:119 Resp: 169461
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 24.1 0.0 47.6

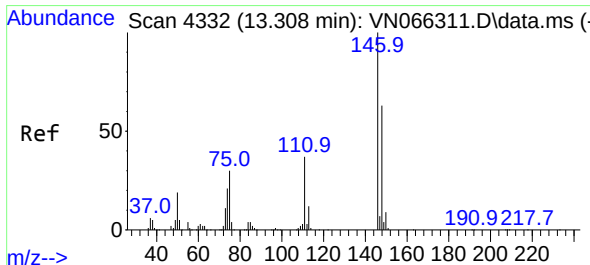
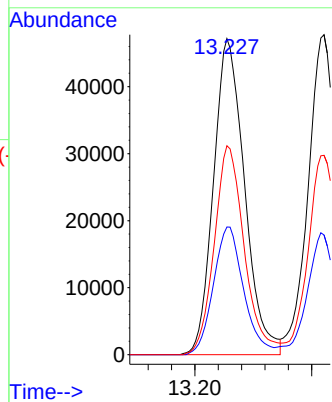
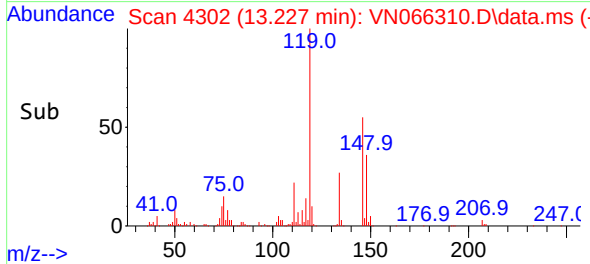




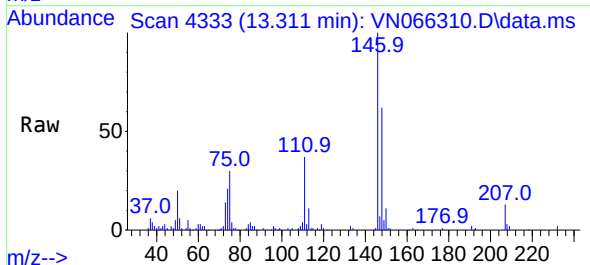
#83
1,3-Dichlorobenzene
Concen: 9.07 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



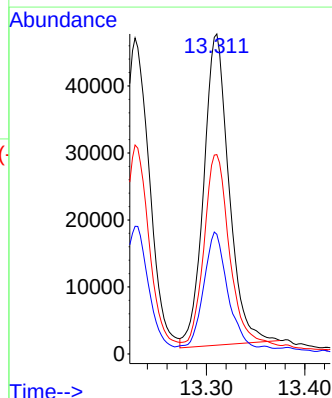
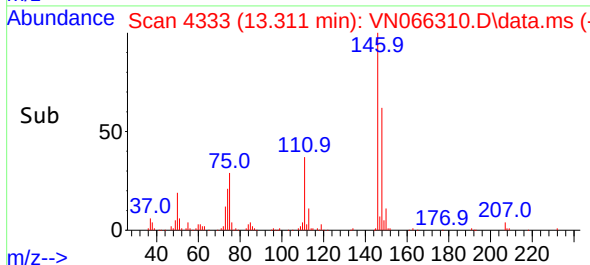
Tgt Ion:146 Resp: 87026
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.2 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 8.89 ug/l
RT: 13.311 min Scan# 4333
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29



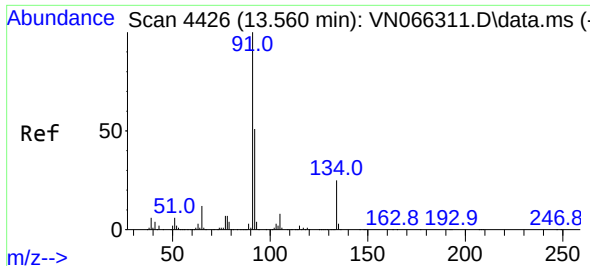
Tgt Ion:146 Resp: 82948
Ion Ratio Lower Upper
146 100
111 35.1 18.4 55.0
148 63.8 31.9 95.5



Instrument :
MSVOA_N
ClientSampleId :
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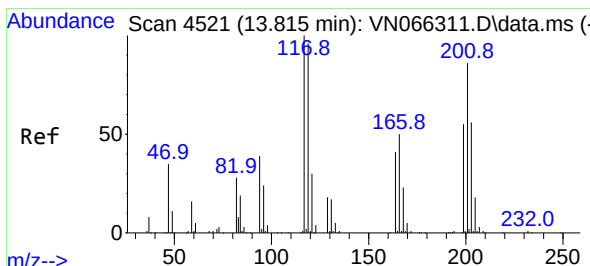
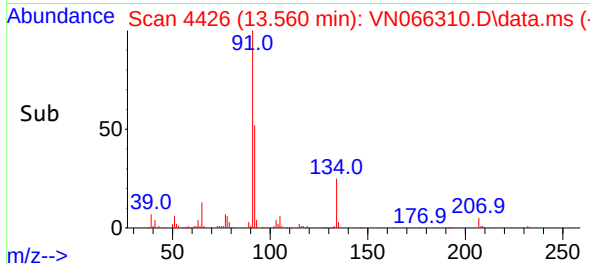
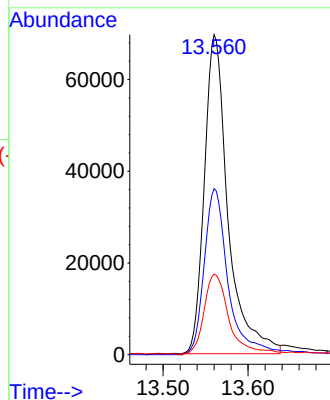
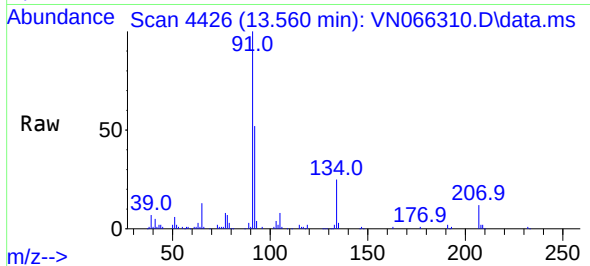
#85
n-Butylbenzene
Concen: 8.38 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 91 Resp: 134769
Ion Ratio Lower Upper
91 100
92 52.4 0.0 102.6
134 26.3 0.0 49.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

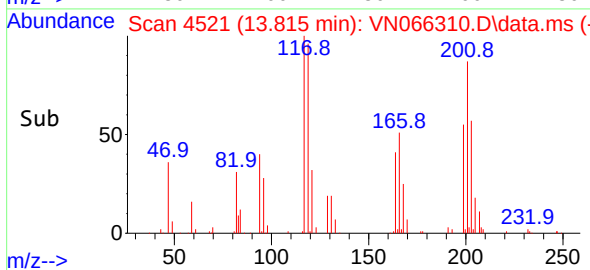
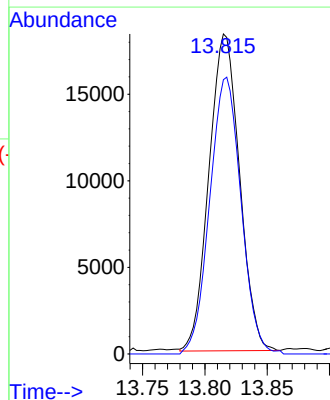
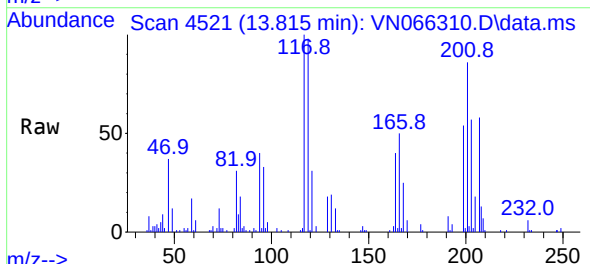
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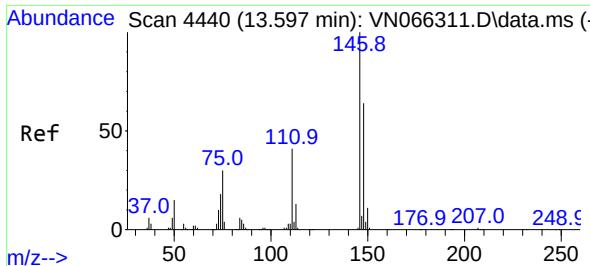
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#86
Hexachloroethane
Concen: 9.52 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 117 Resp: 31230
Ion Ratio Lower Upper
117 100
201 89.1 43.3 129.8





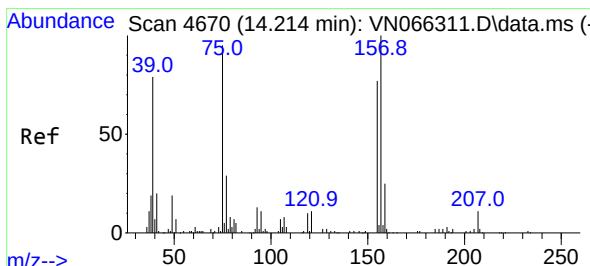
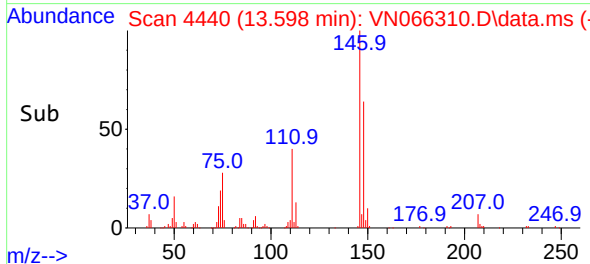
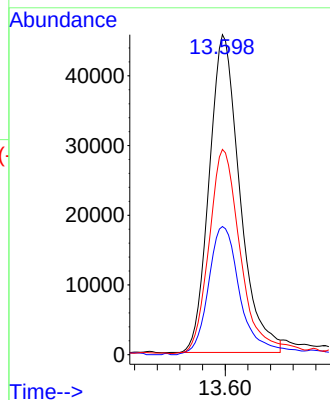
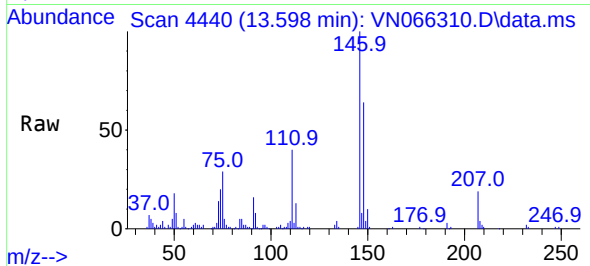
#87
1,2-Dichlorobenzene
Concen: 9.05 ug/l
RT: 13.598 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 146 Resp: 85644
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 66.5 32.0 96.0

Instrument :
MSVOA_N
ClientSampled :
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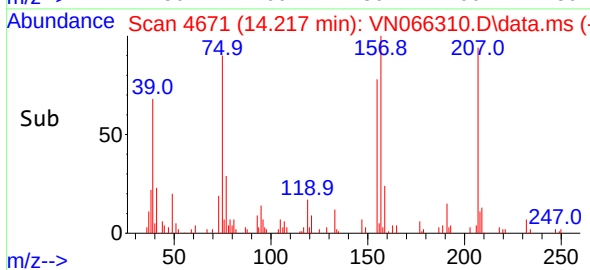
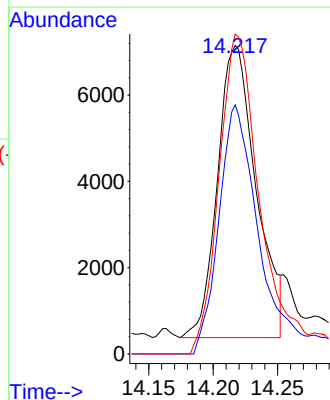
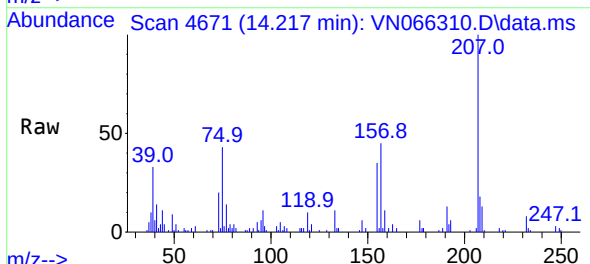
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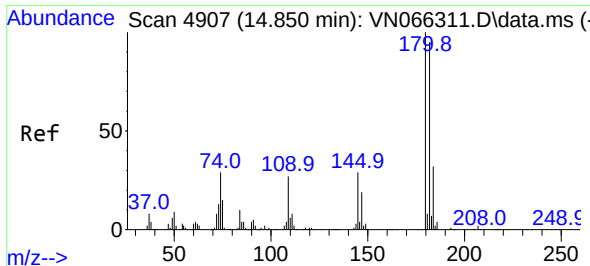
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#88
1,2-Dibromo-3-Chloropropane
Concen: 9.31 ug/l
RT: 14.217 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion: 75 Resp: 14133
Ion Ratio Lower Upper
75 100
155 87.2 68.3 102.5
157 115.1 87.8 131.6





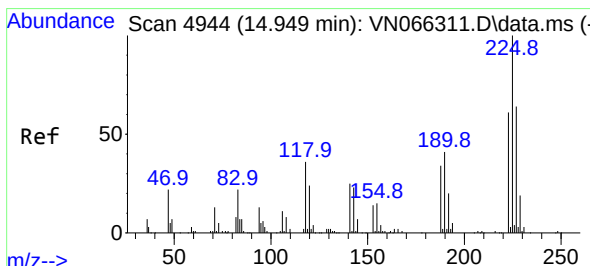
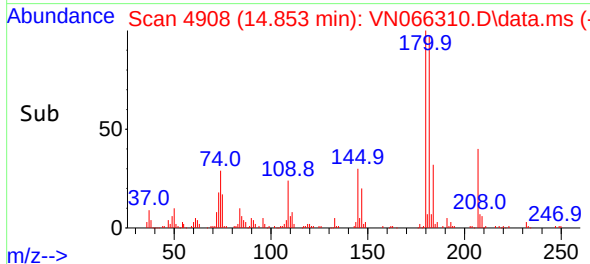
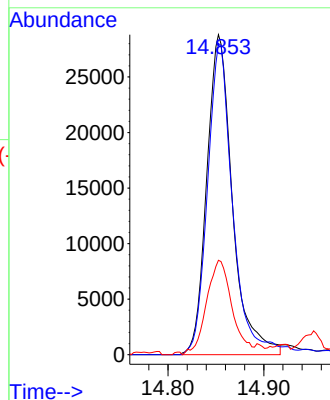
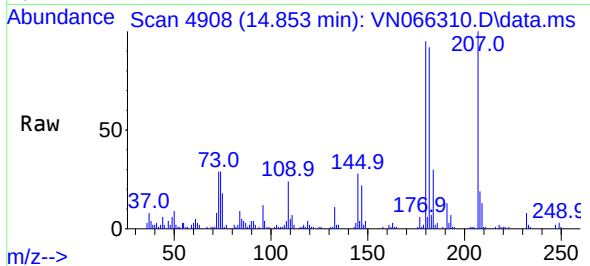
#89
1,2,4-Trichlorobenzene
Concen: 9.98 ug/l
RT: 14.853 min Scan# 4908
Delta R.T. 0.003 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:180 Resp: 53587
Ion Ratio Lower Upper
180 100
182 93.0 74.3 111.5
145 27.6 23.4 35.0

Instrument :
MSVOA_N
ClientSampleId :
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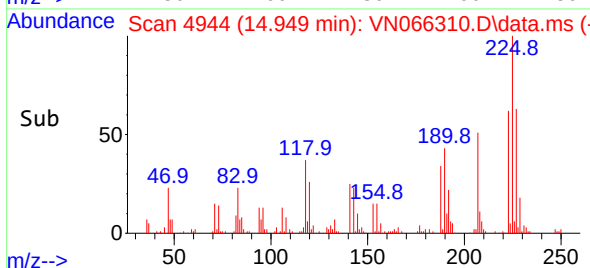
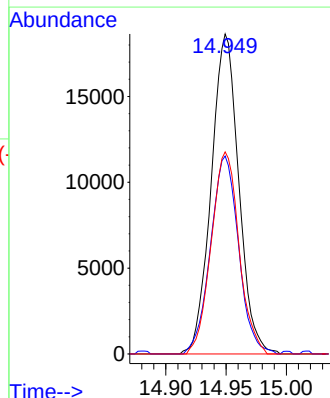
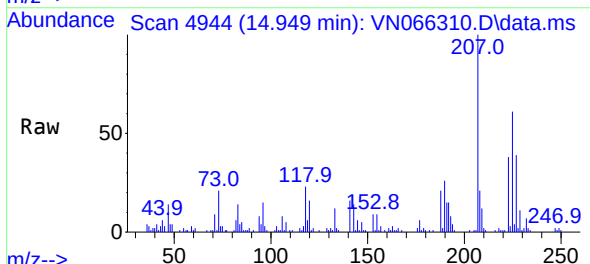
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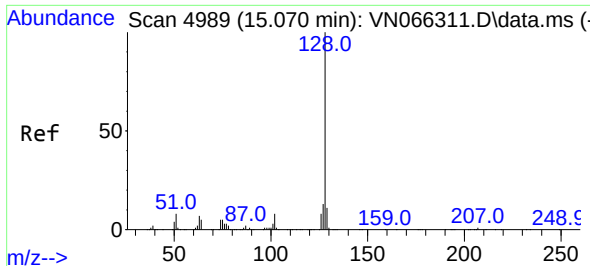
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#90
Hexachlorobutadiene
Concen: 11.99 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:225 Resp: 29587
Ion Ratio Lower Upper
225 100
223 63.2 0.0 124.6
227 63.7 0.0 126.6





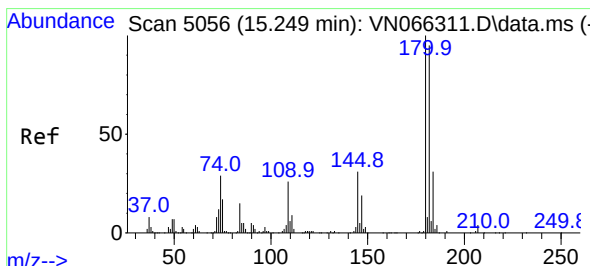
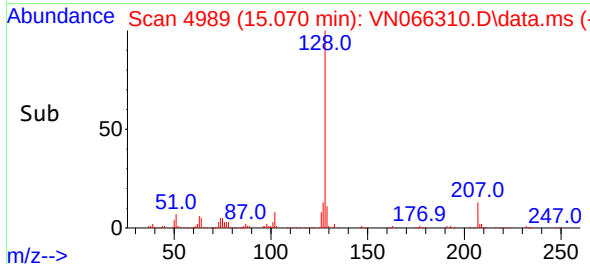
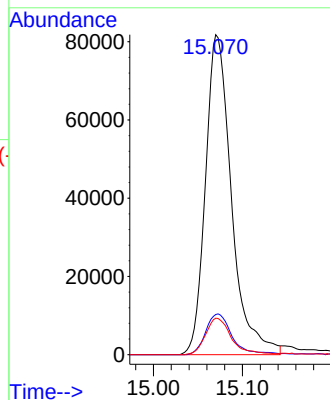
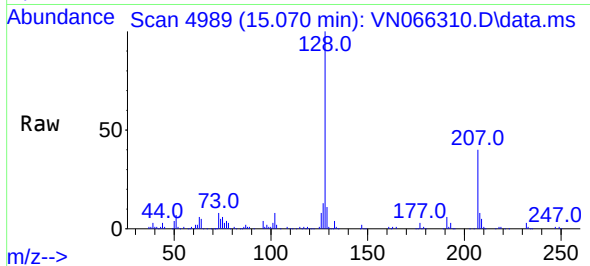
#91
Naphthalene
Concen: 10.51 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:128 Resp: 166206
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.4 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
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#92
1,2,3-Trichlorobenzene
Concen: 9.60 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.000 min
Lab File: VN066310.D
Acq: 24 Mar 2021 14:29

Tgt Ion:180 Resp: 51776
Ion Ratio Lower Upper
180 100
182 99.0 0.0 190.0
145 28.1 0.0 60.8

