

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066576.D
 Acq On : 13 Apr 2021 13:43
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:17:14 PM

Quant Time: Apr 13 14:10:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 13:47:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.102	128	52143	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.510	114	256202	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	259408	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	144587	34.94	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	116.47%#	
60) 4-Bromofluorobenzene	12.342	95	135169	33.20	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	110.67%	
63) Toluene-d8	10.025	98	363812	29.49	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.30%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.813	85	407080	136.82	ug/l	99
3) Chloromethane	2.017	50	534046	140.50	ug/l	98
4) Vinyl Chloride	2.143	62	510151	130.94	ug/l	99
5) Bromomethane	2.489	94	313680	115.21	ug/l	95
6) Chloroethane	2.636	64	335770	133.69	ug/l	97
7) Trichlorofluoromethane	2.950	101	708877	126.12	ug/l	99
8) Diethyl Ether	3.336	74	264878	138.18	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.669	101	357127	128.55	ug/l	90
10) 1,1-Dichloroethene	3.650	96	347151	126.66	ug/l	83
11) Methyl Iodide	3.859	142	477457	124.16	ug/l	89
12) Methyl Acetate	4.229	43	694452m	156.16	ug/l	
13) Acrolein	3.524	56	372540	1045.91	ug/l	95
14) Acrylonitrile	4.876	53	1038478	622.49	ug/l	98
15) Acetone	3.733	58	315671	596.48	ug/l	70
16) Carbon Disulfide	3.956	76	1141314	144.24	ug/l	99
17) Allyl chloride	4.219	41	971630	185.65	ug/l	96
18) Methylene Chloride	4.438	84	360666	113.55	ug/l #	84
19) trans-1,2-Dichloroethene	4.924	96	351525	120.96	ug/l	91
20) Diisopropyl ether	5.855	45	1559884	145.68	ug/l #	92
21) 1,1-Dichloroethane	5.734	63	717461	124.45	ug/l	98
22) cis-1,2-Dichloroethene	6.729	96	393288	115.39	ug/l	88
23) tert-Butyl Alcohol	4.709	59	313488	484.58	ug/l #	100
24) Methyl tert-Butyl Ether	4.935	73	1179080	119.57	ug/l	97
25) Chloroform	7.279	83	723957	125.22	ug/l	97
26) Cyclohexane	7.563	56	654963	131.64	ug/l #	93
29) 1,1-Dichloropropene	7.702	75	547651	140.41	ug/l	97
30) 2-Butanone	6.742	43	1558619	689.08	ug/l	92
31) 2,2-Dichloropropane	6.718	77	637632	131.72	ug/l	95
32) 1,1,1-Trichloroethane	7.477	97	625996	130.67	ug/l	97
33) Carbon Tetrachloride	7.686	117	545111	134.59	ug/l	95
34) Benzene	7.957	78	1595905	134.30	ug/l	94
35) Methacrylonitrile	7.075	41	319807	163.84	ug/l	94
36) 1,2-Dichloroethane	8.043	62	632937	142.99	ug/l	98
37) Trichloroethene	8.762	130	352763	117.27	ug/l	94
38) Methylcyclohexane	9.006	83	604628	131.36	ug/l	91
39) 1,2-Dichloropropane	9.046	63	448868	138.33	ug/l	100
40) Dibromomethane	9.135	93	274575	132.04	ug/l	90
41) Bromodichloromethane	9.333	83	609566	137.72	ug/l	98
42) Vinyl Acetate	5.790	43	6882397	790.60	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066576.D
 Acq On : 13 Apr 2021 13:43
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:17:14 PM

Quant Time: Apr 13 14:10:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 13:47:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.836	43	669263	154.24	ug/l #	85
44) Isopropyl Acetate	8.089	43	1131033m	146.54	ug/l	
45) 1,4-Dioxane	9.135	88	118497	2525.91	ug/l #	87
46) Methyl methacrylate	9.132	41	552017	154.82	ug/l	88
47) n-amyl Acetate	12.015	43	819395	281.68	ug/l	98
48) t-1,3-Dichloropropene	10.320	75	658129	140.48	ug/l	99
49) cis-1,3-Dichloropropene	9.773	75	698629	138.86	ug/l	94
50) 1,1,2-Trichloroethane	10.500	97	379719	129.57	ug/l	98
51) Ethyl methacrylate	10.368	69	610157	140.29	ug/l	86
52) 1,3-Dichloropropane	10.645	76	690403	139.96	ug/l	98
53) Dibromochloromethane	10.840	129	438935	135.25	ug/l	99
54) 1,2-Dibromoethane	10.945	107	386980	129.91	ug/l	100
55) 2-Chloroethyl vinyl ether	9.628	63	351772	572.27	ug/l	98
56) Bromoform	12.069	173	297944	127.18	ug/l #	99
58) 4-Methyl-2-Pentanone	9.920	43	3424811	661.38	ug/l #	92
59) 2-Hexanone	10.693	43	2455131	699.73	ug/l	93
61) Tetrachloroethene	10.569	164	312415	91.74	ug/l	95
62) Toluene	10.089	91	1712618	120.28	ug/l	100
64) Chlorobenzene	11.371	112	999832	119.86	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.449	131	385981	116.50	ug/l	98
66) Ethyl Benzene	11.452	91	1969237	129.96	ug/l	96
67) m/p-Xylenes	11.562	106	1453915	257.09	ug/l	98
68) o-Xylene	11.889	106	685863	124.74	ug/l	95
69) Styrene	11.905	104	1183379	133.50	ug/l	98
70) Isopropylbenzene	12.192	105	1908680	131.92	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.447	83	619106	130.51	ug/l	99
72) 1,2,3-Trichloropropane	12.495	75	552889m	124.77	ug/l	
73) Bromobenzene	12.466	156	427876	119.69	ug/l	84
74) n-propylbenzene	12.533	91	2306426	142.08	ug/l	97
75) 2-Chlorotoluene	12.616	91	1330425	135.04	ug/l	94
76) 1,3,5-Trimethylbenzene	12.678	105	1612310	134.05	ug/l	97
77) t-1,4-Dichloro-2-butene	12.243	75	195434	140.22	ug/l	92
78) 4-Chlorotoluene	12.715	91	1382539	142.57	ug/l	96
79) tert-butylbenzene	12.935	119	1312844	127.23	ug/l	95
80) 1,2,4-Trimethylbenzene	12.981	105	1609481	138.17	ug/l	98
81) sec-Butylbenzene	13.115	105	1862816	140.29	ug/l	97
82) p-Isopropyltoluene	13.233	119	1646210	140.88	ug/l	97
83) 1,3-Dichlorobenzene	13.225	146	786757	132.16	ug/l	97
84) 1,4-Dichlorobenzene	13.305	146	791536	139.04	ug/l	98
85) n-Butylbenzene	13.557	91	1494434	158.66	ug/l	98
86) Hexachloroethane	13.815	117	317360	141.21	ug/l	83
87) 1,2-Dichlorobenzene	13.595	146	766438	130.98	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.228	75	106968	113.17	ug/l	85
89) 1,2,4-Trichlorobenzene	14.979	180	431169	119.96	ug/l	97
90) Hexachlorobutadiene	15.105	225	228751	113.19	ug/l	100
91) Naphthalene	15.260	128	1173748	110.87	ug/l	99
92) 1,2,3-Trichlorobenzene	15.499	180	407417	115.19	ug/l	98

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

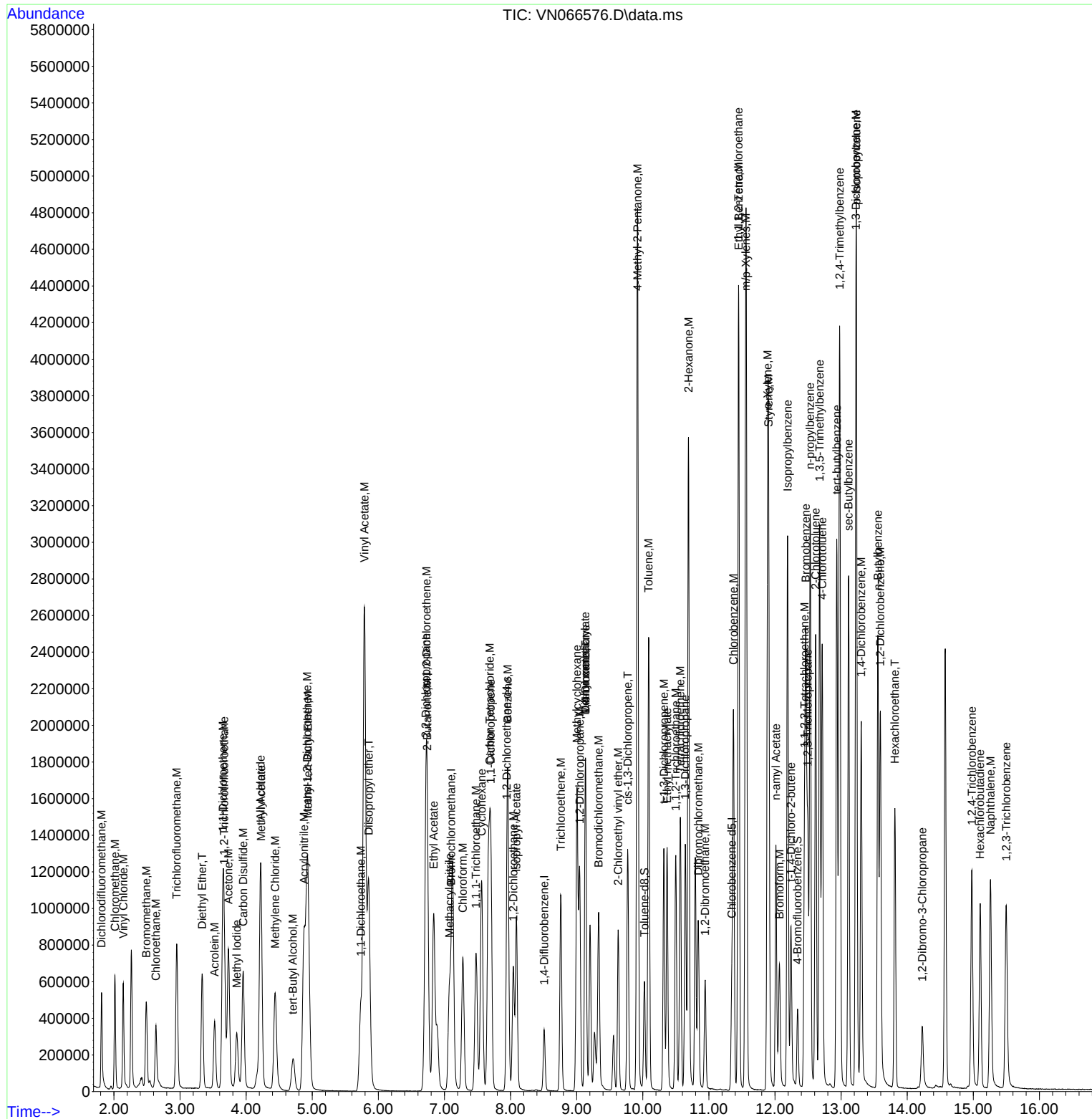
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
Data File : VN066576.D
Acq On : 13 Apr 2021 13:43
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

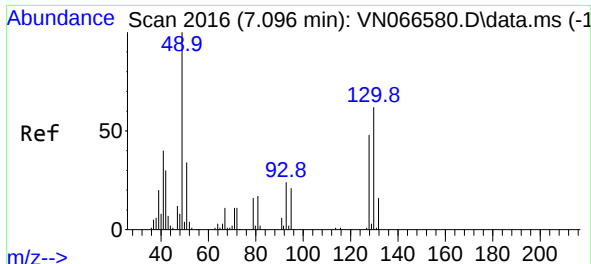
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM

Quant Time: Apr 13 14:10:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Apr 13 13:47:30 2021
Response via : Initial Calibration





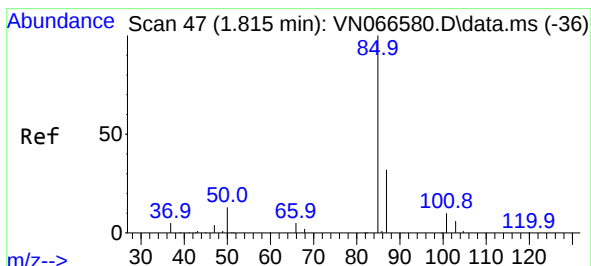
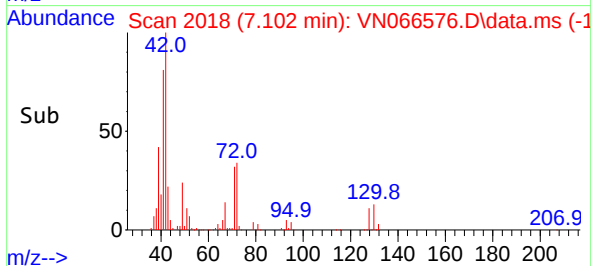
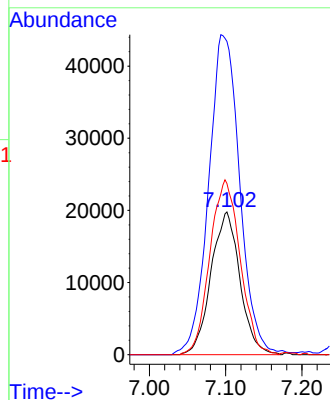
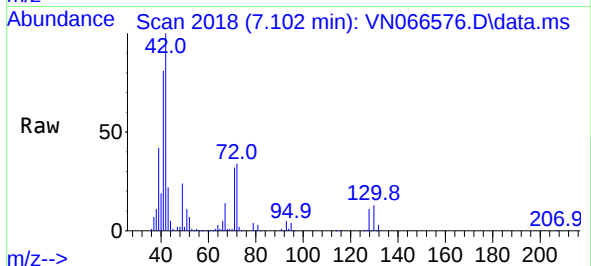
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:	128	Resp:	52143
Ion Ratio	Lower	Upper	
128	100		
49	240.2	0.0	429.3
130	128.1	0.0	328.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

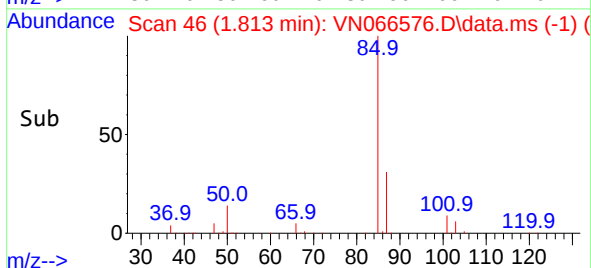
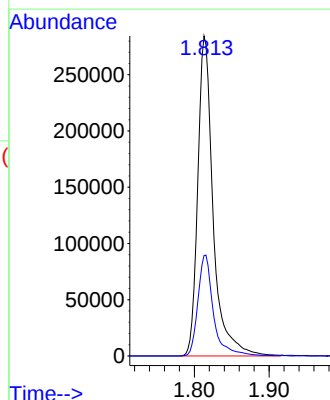
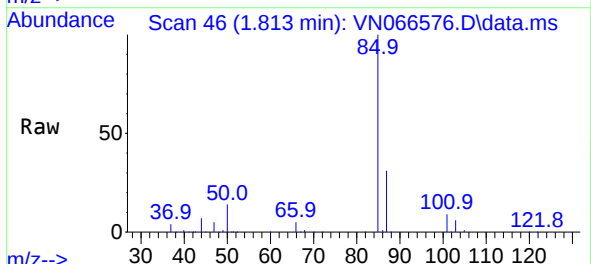
Manual Integrations
APPROVED

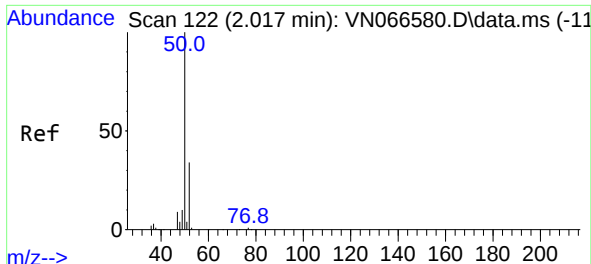
MMDadoda
4/23/2021 2:17:14 PM



#2
Dichlorodifluoromethane
Concen: 136.82 ug/l
RT: 1.813 min Scan# 46
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:	85	Resp:	407080
Ion Ratio	Lower	Upper	
85	100		
87	31.4	15.4	46.4





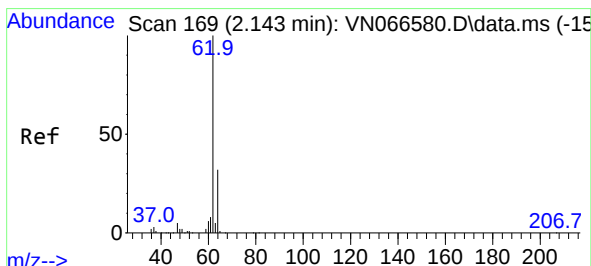
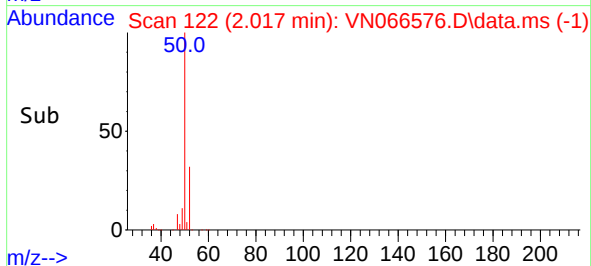
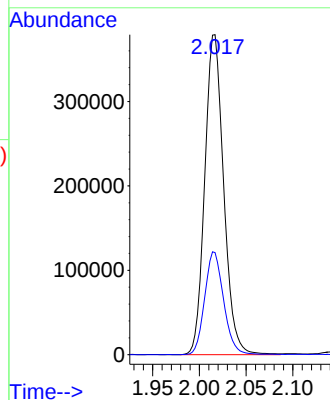
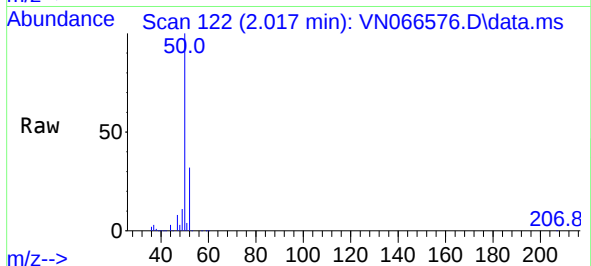
#3
Chloromethane
Concen: 140.50 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 50 Resp: 534046
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

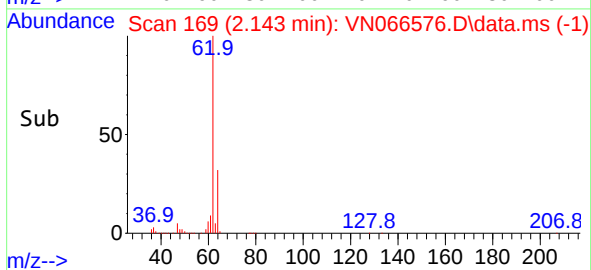
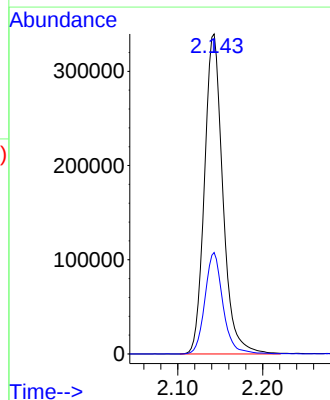
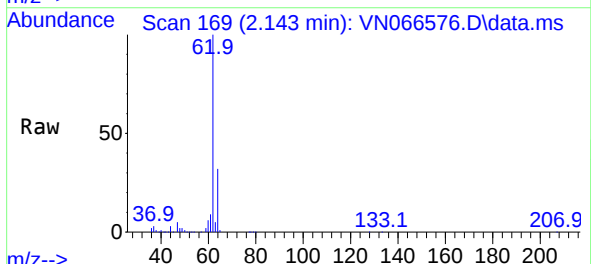
Manual Integrations
APPROVED

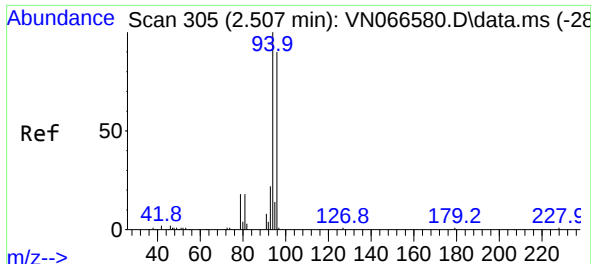
MMDadoda
4/23/2021 2:17:14 PM



#4
Vinyl Chloride
Concen: 130.94 ug/l
RT: 2.143 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

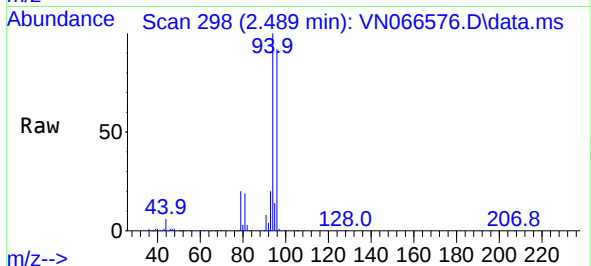
Tgt Ion: 62 Resp: 510151
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 115.21 ug/l
RT: 2.489 min Scan# 298
Delta R.T. -0.016 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

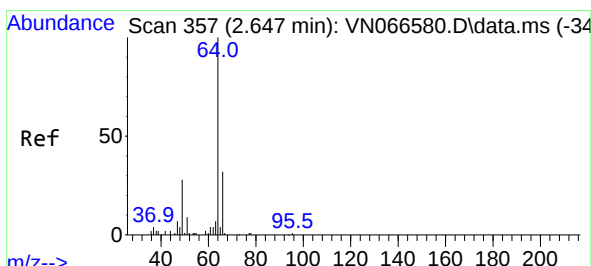
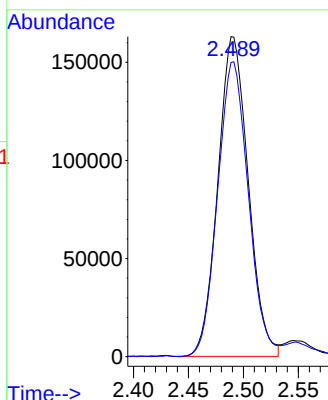
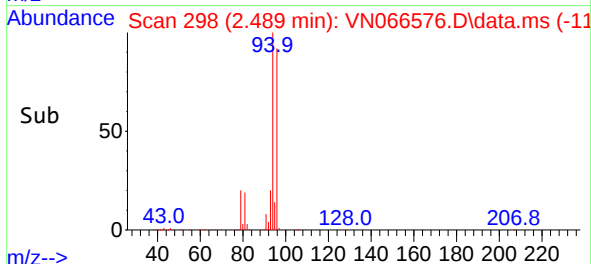
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



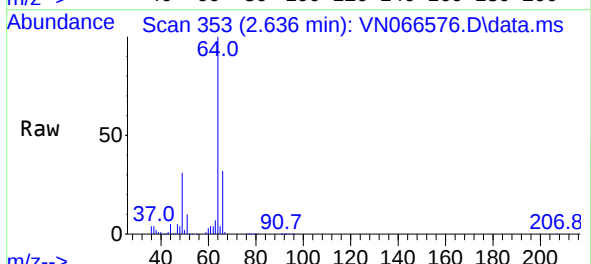
Tgt Ion: 94 Resp: 313680
Ion Ratio Lower Upper
94 100
96 92.0 77.8 116.8

Manual Integrations
APPROVED

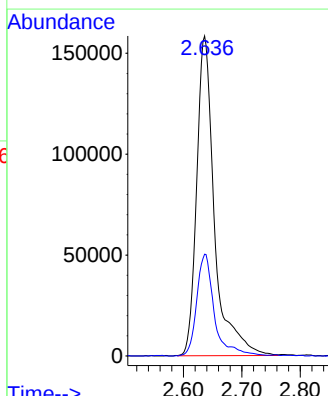
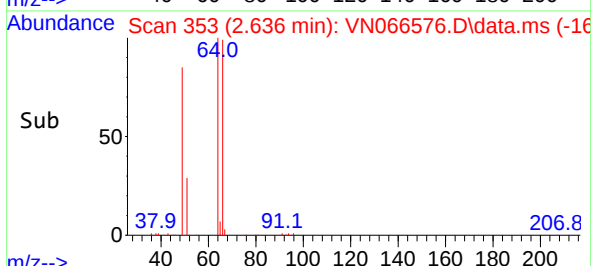
MMDadoda
4/23/2021 2:17:14 PM

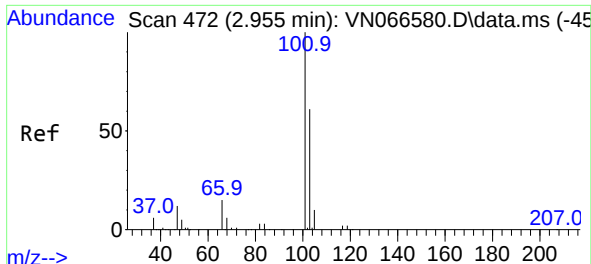


#6
Chloroethane
Concen: 133.69 ug/l
RT: 2.636 min Scan# 353
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



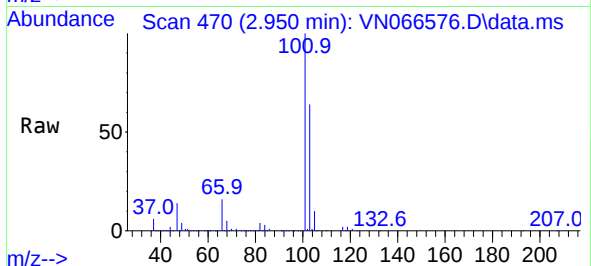
Tgt Ion: 64 Resp: 335770
Ion Ratio Lower Upper
64 100
66 31.8 24.2 36.4





#7
 Trichlorofluoromethane
 Concen: 126.12 ug/l
 RT: 2.950 min Scan# 470
 Delta R.T. -0.006 min
 Lab File: VN066576.D
 Acq: 13 Apr 2021 13:43

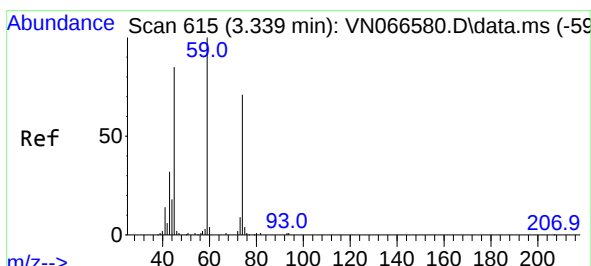
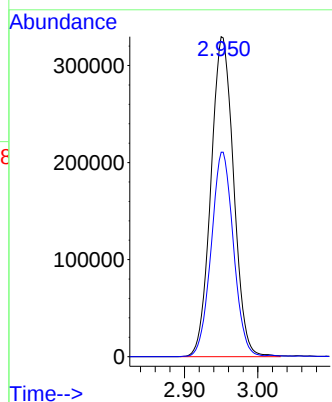
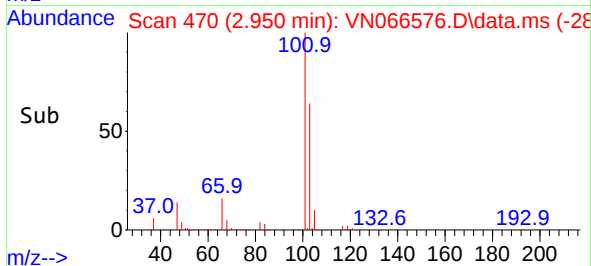
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



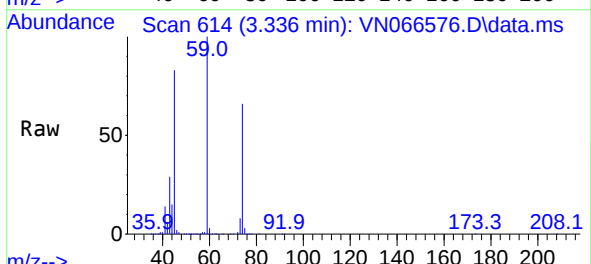
Tgt Ion:101 Resp: 708877
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4

Manual Integrations
 APPROVED

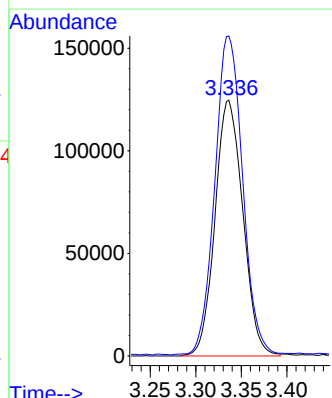
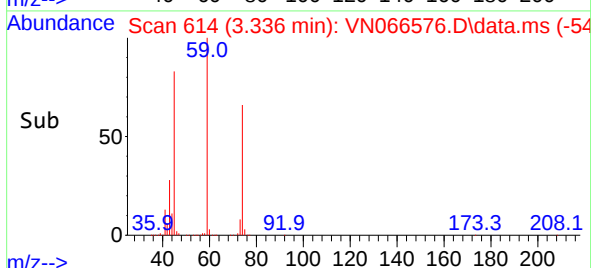
MMDadoda
 4/23/2021 2:17:14 PM

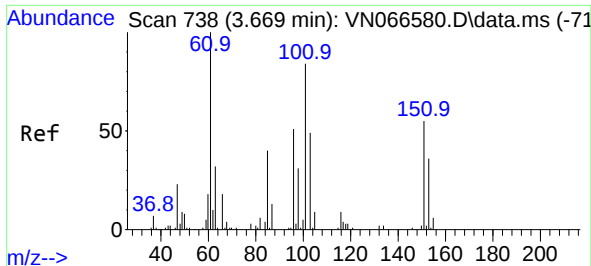


#8
 Diethyl Ether
 Concen: 138.18 ug/l
 RT: 3.336 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VN066576.D
 Acq: 13 Apr 2021 13:43



Tgt Ion: 74 Resp: 264878
 Ion Ratio Lower Upper
 74 100
 45 124.9 19.6 176.4





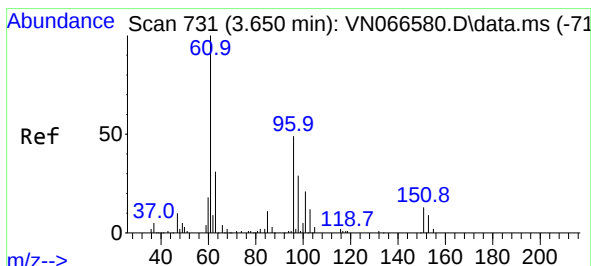
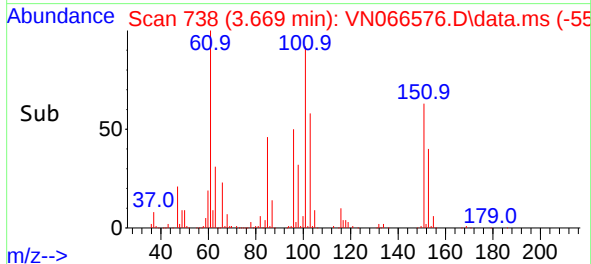
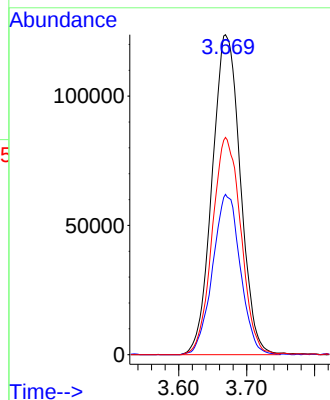
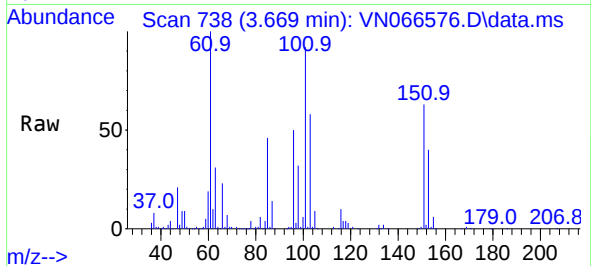
#9
1,1,2-Trichlorotrifluoroethane
Concen: 128.55 ug/l
RT: 3.669 min Scan# 738
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:101 Resp: 357127
Ion Ratio Lower Upper
101 100
85 49.2 0.0 90.6
151 68.8 0.0 159.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

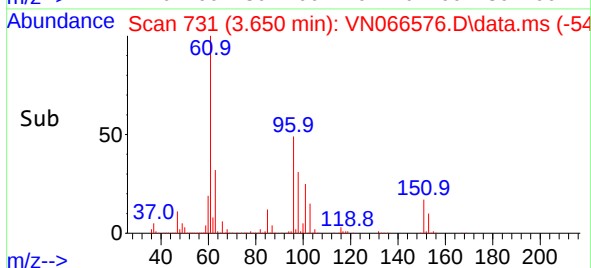
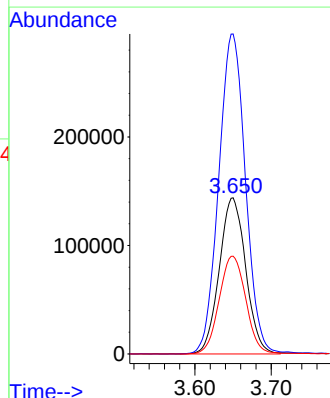
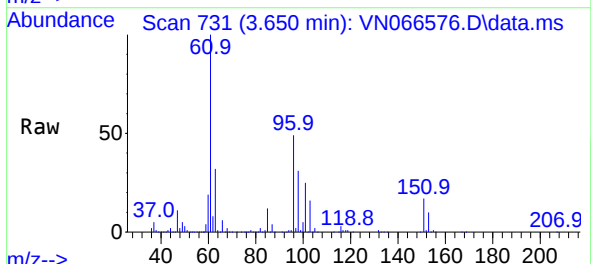
Manual Integrations
APPROVED

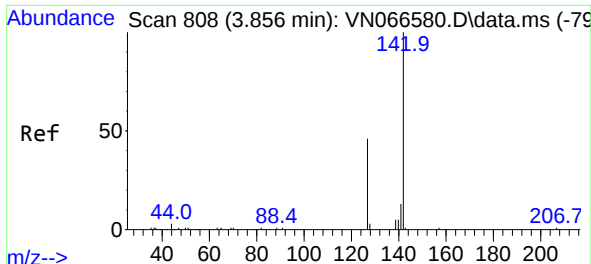
MMDadoda
4/23/2021 2:17:14 PM



#10
1,1-Dichloroethene
Concen: 126.66 ug/l
RT: 3.650 min Scan# 731
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

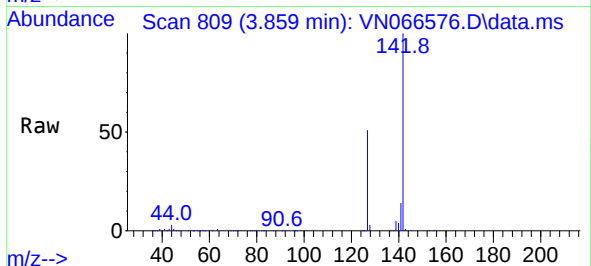
Tgt Ion: 96 Resp: 347151
Ion Ratio Lower Upper
96 100
61 204.8 139.6 209.4
98 62.6 53.7 80.5





#11
Methyl Iodide
Concen: 124.16 ug/l
RT: 3.859 min Scan# 809
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

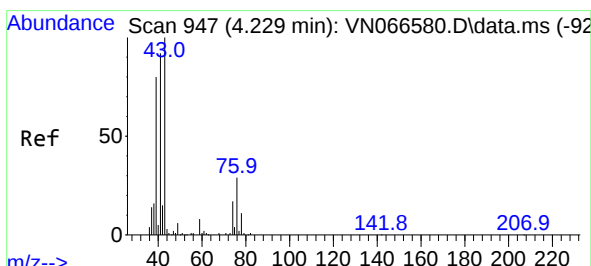
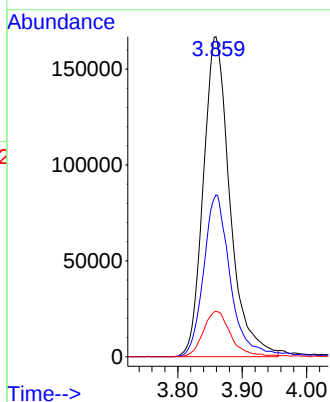
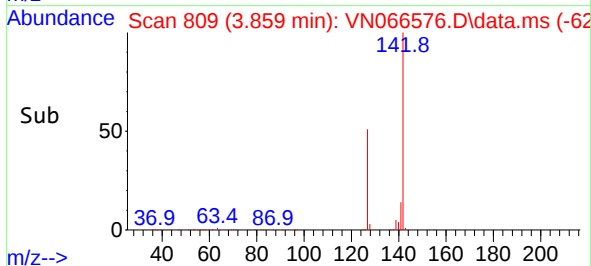
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



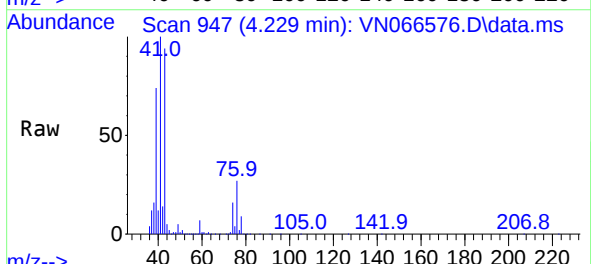
Tgt Ion:142 Resp: 477457
Ion Ratio Lower Upper
142 100
127 50.4 20.5 61.6
141 14.0 7.4 22.3

Manual Integrations
APPROVED

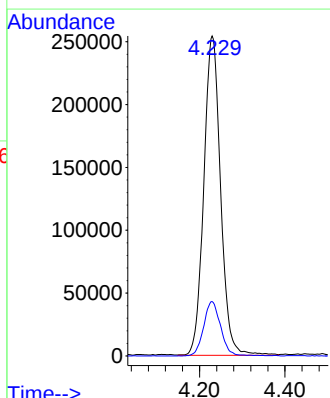
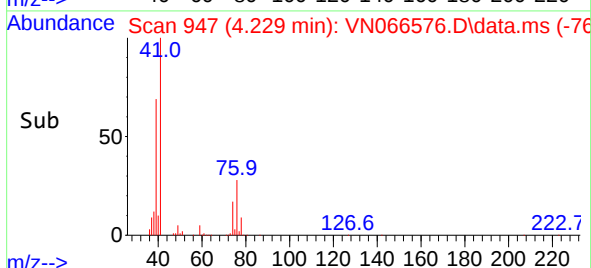
MMDadoda
4/23/2021 2:17:14 PM

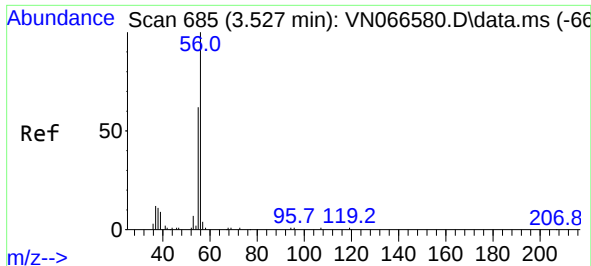


#12
Methyl Acetate
Concen: 156.16 ug/l m
RT: 4.229 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



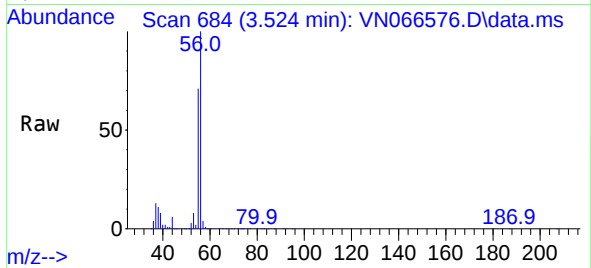
Tgt Ion: 43 Resp: 694452
Ion Ratio Lower Upper
43 100
74 17.0 18.0 27.0#





#13
Acrolein
Concen: 1045.91 ug/l
RT: 3.524 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

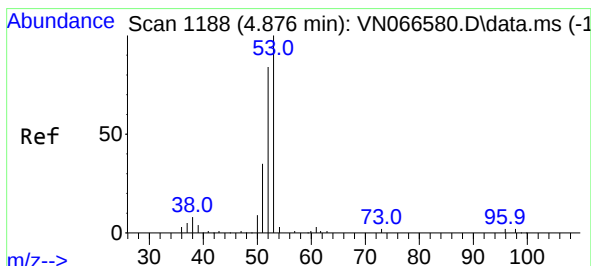
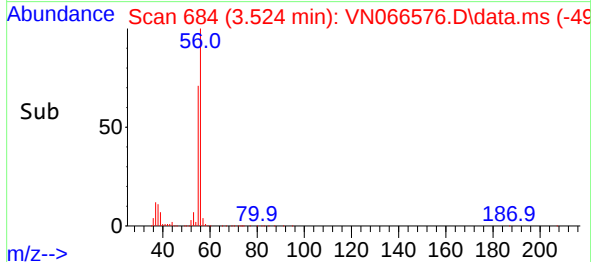
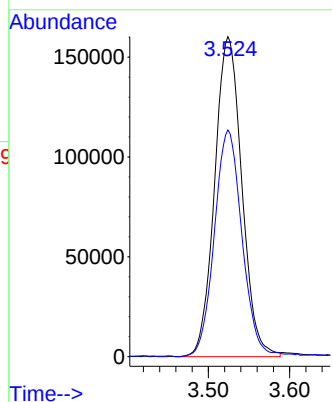
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 372540
Ion Ratio Lower Upper
56 100
55 71.4 54.1 81.1

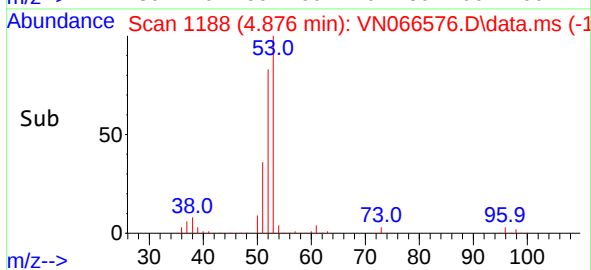
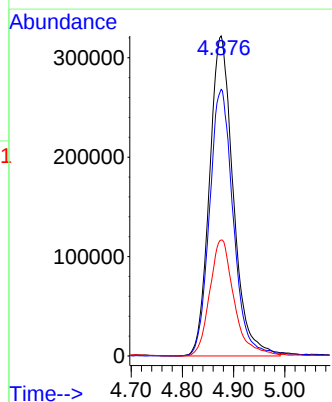
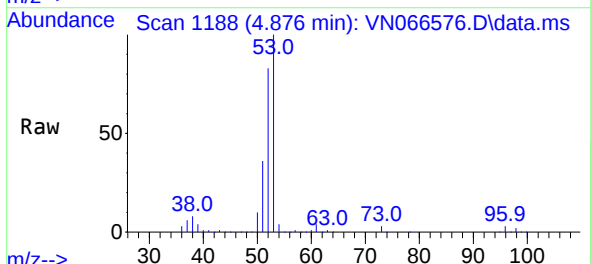
Manual Integrations
APPROVED

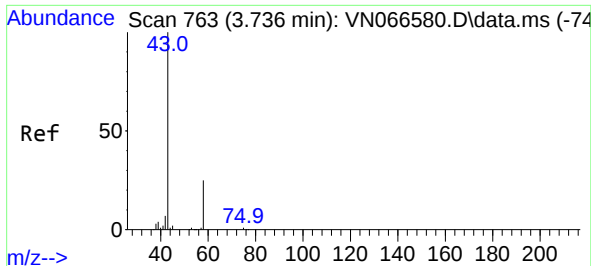
MMDadoda
4/23/2021 2:17:14 PM



#14
Acrylonitrile
Concen: 622.49 ug/l
RT: 4.876 min Scan# 1188
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 53 Resp: 1038478
Ion Ratio Lower Upper
53 100
52 83.0 41.0 123.0
51 37.3 17.8 53.4





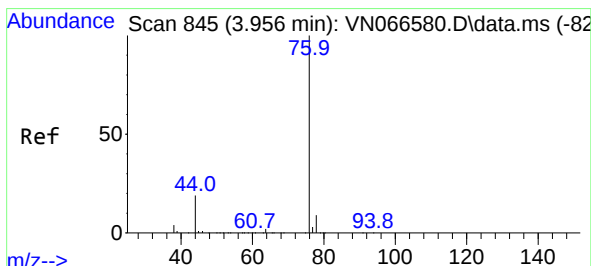
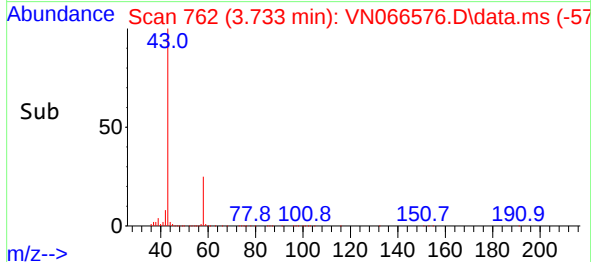
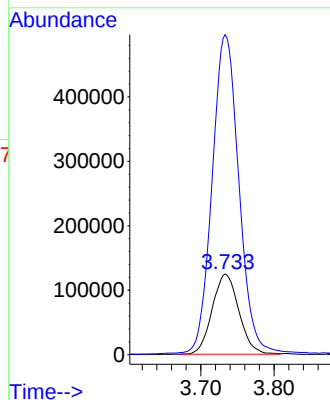
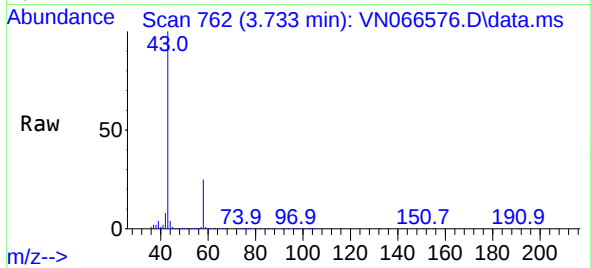
#15
Acetone
Concen: 596.48 ug/l
RT: 3.733 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 58 Resp: 315671
Ion Ratio Lower Upper
58 100
43 396.3 267.3 400.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

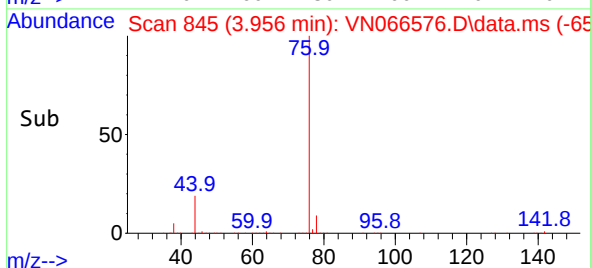
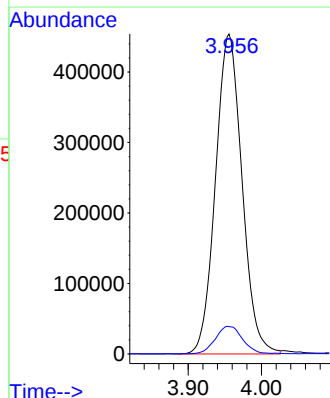
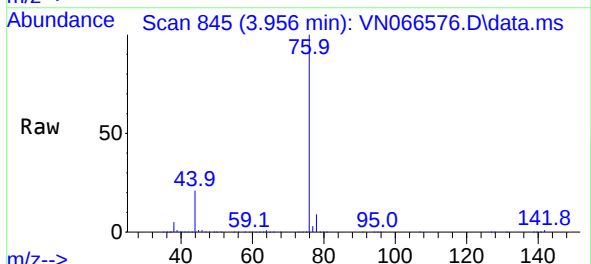
Manual Integrations
APPROVED

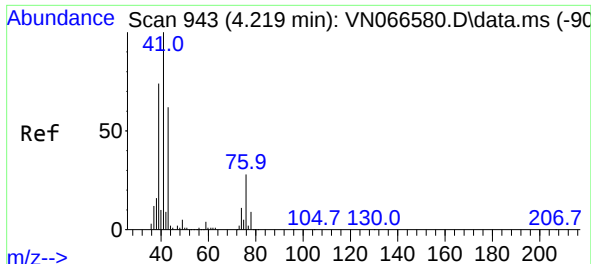
MMDadoda
4/23/2021 2:17:14 PM



#16
Carbon Disulfide
Concen: 144.24 ug/l
RT: 3.956 min Scan# 845
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

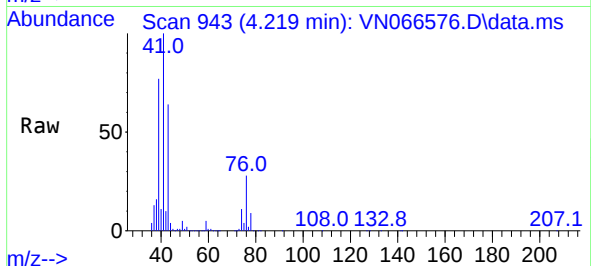
Tgt Ion: 76 Resp: 1141314
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6





#17
Allyl chloride
Concen: 185.65 ug/l
RT: 4.219 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

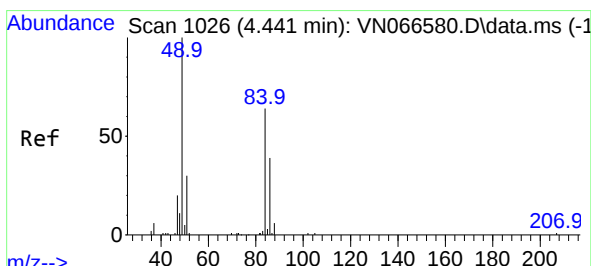
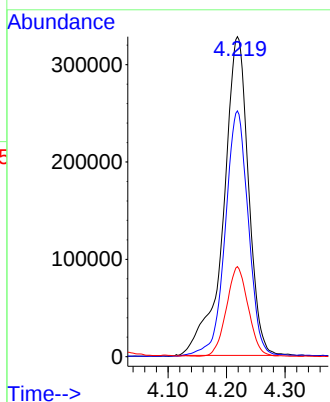
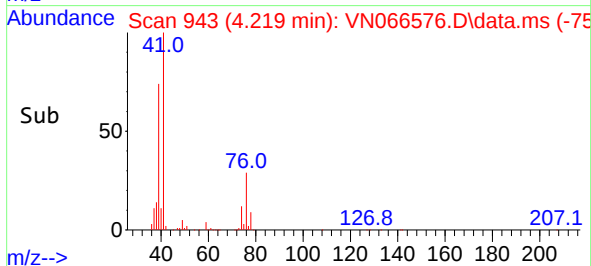
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



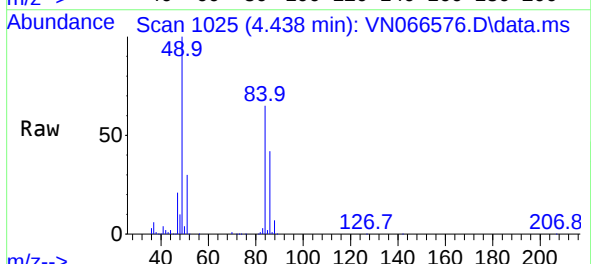
Tgt Ion: 41 Resp: 971630
Ion Ratio Lower Upper
41 100
39 76.9 38.6 116.0
76 28.1 17.6 52.8

Manual Integrations
APPROVED

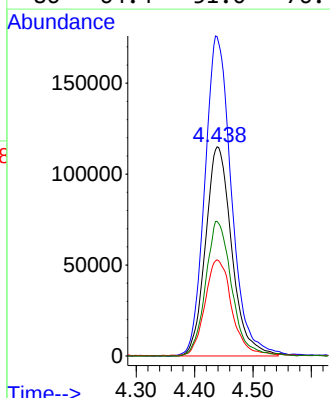
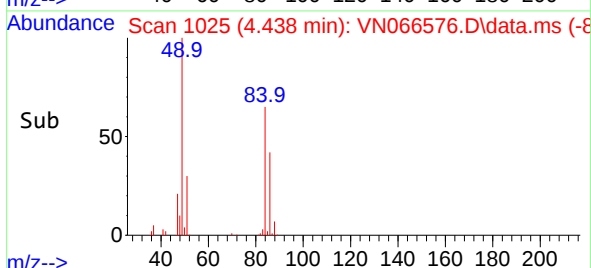
MMDadoda
4/23/2021 2:17:14 PM

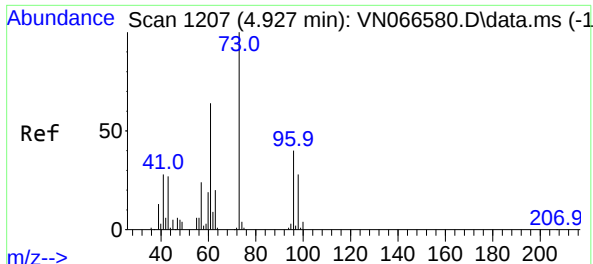


#18
Methylene Chloride
Concen: 113.55 ug/l
RT: 4.438 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 84 Resp: 360666
Ion Ratio Lower Upper
84 100
49 152.3 98.9 148.3#
51 45.7 30.8 46.2
86 64.4 51.0 76.4

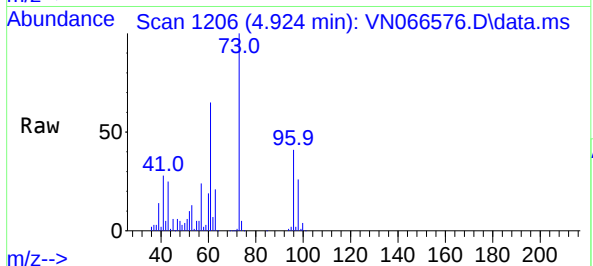




#19

trans-1,2-Dichloroethene
Concen: 120.96 ug/l
RT: 4.924 min Scan# 1206
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

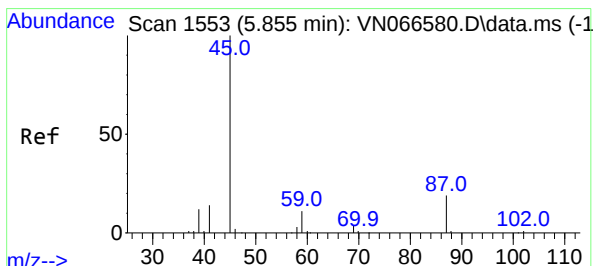
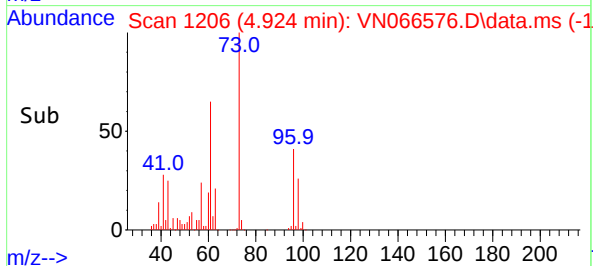
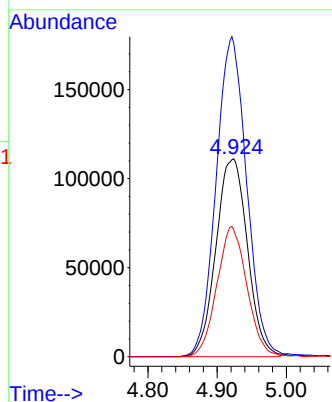


Tgt Ion: 96 Resp: 351525

Ion	Ratio	Lower	Upper
96	100		
61	158.0	113.3	169.9
98	64.0	51.4	77.2

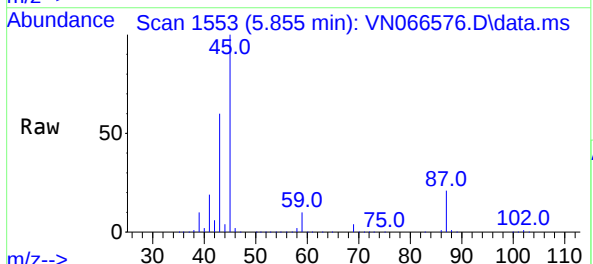
Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



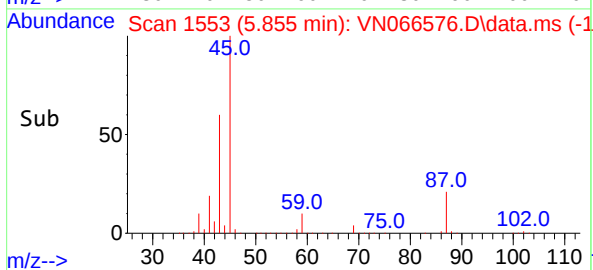
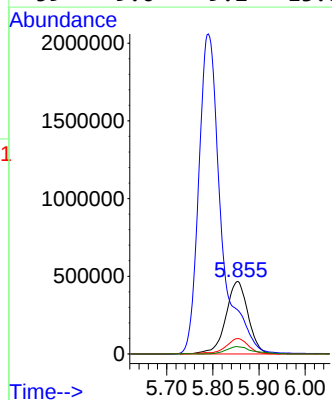
#20

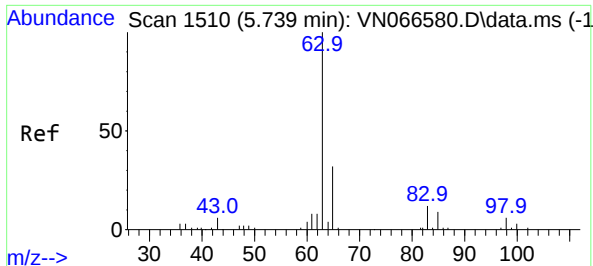
Diisopropyl ether
Concen: 145.68 ug/l
RT: 5.855 min Scan# 1553
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 45 Resp: 1559884

Ion	Ratio	Lower	Upper
45	100		
43	58.8	51.4	77.2
87	21.1	21.4	32.0#
59	9.6	9.2	13.8





#21

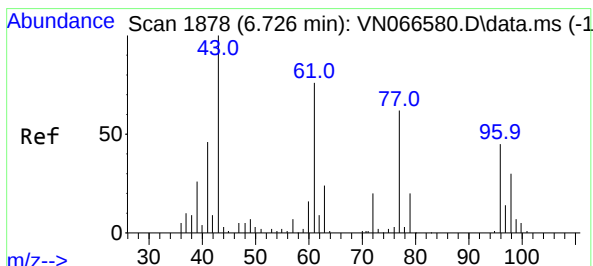
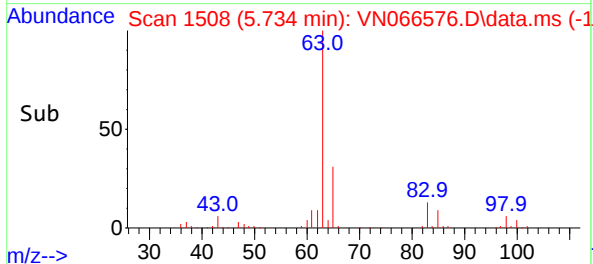
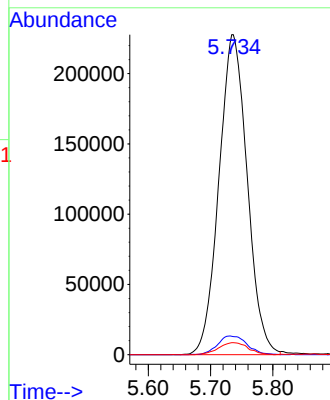
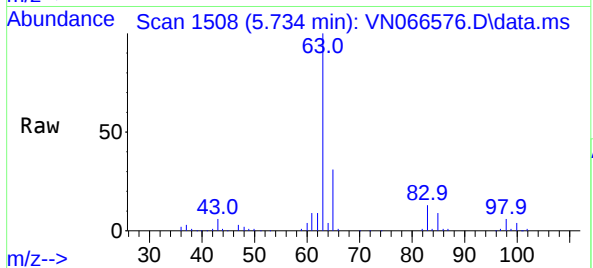
1,1-Dichloroethane
Concen: 124.45 ug/l
RT: 5.734 min Scan# 1508
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 63 Resp: 717461
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.9
100 3.8 1.9 5.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

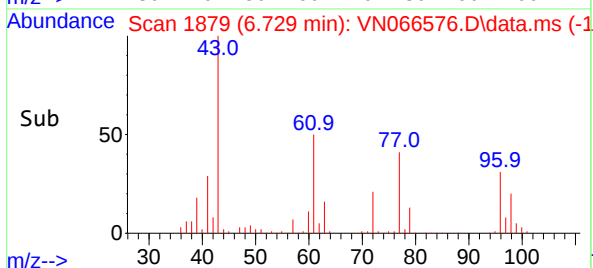
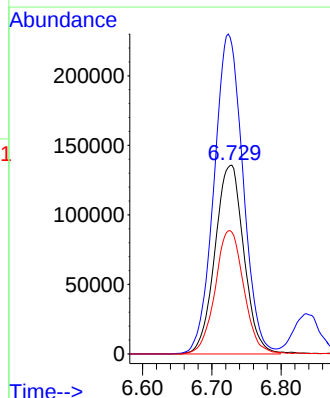
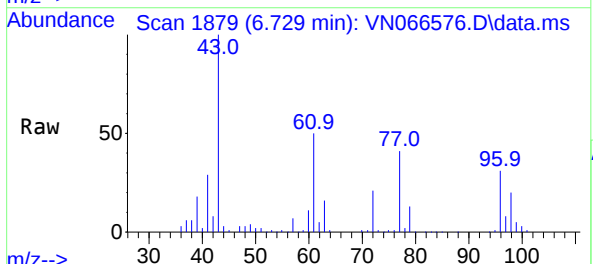
MMDadoda
4/23/2021 2:17:14 PM

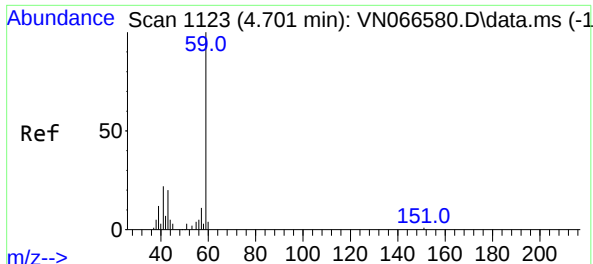


#22

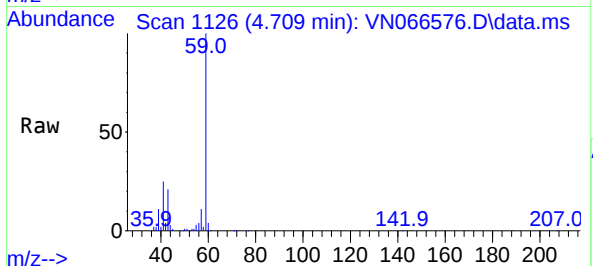
cis-1,2-Dichloroethene
Concen: 115.39 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.005 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 96 Resp: 393288
Ion Ratio Lower Upper
96 100
61 170.3 119.4 179.0
98 64.8 51.5 77.3

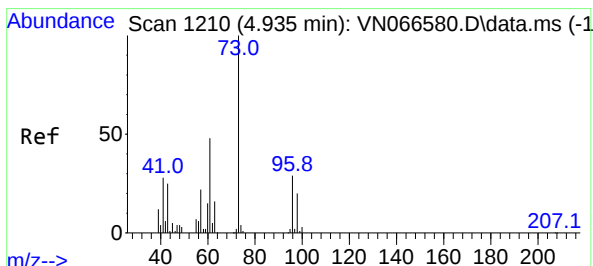
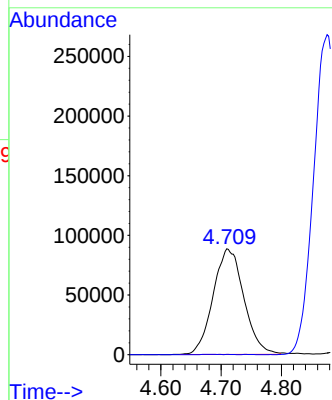
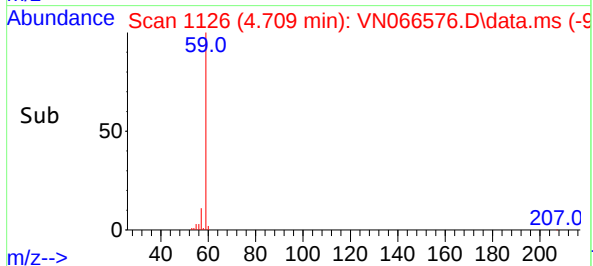




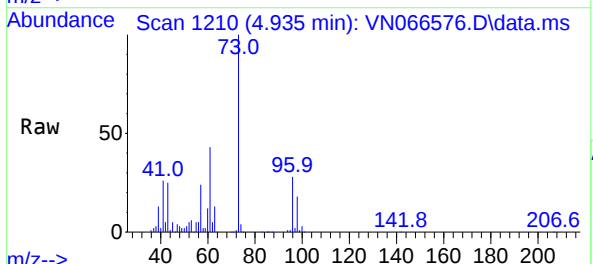
#23
tert-Butyl Alcohol
Concen: 484.58 ug/l
RT: 4.709 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



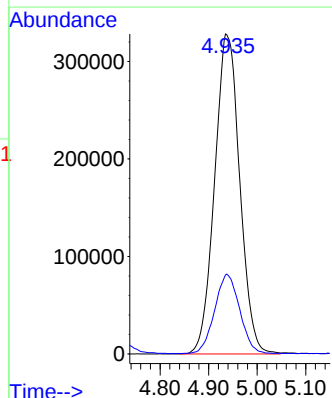
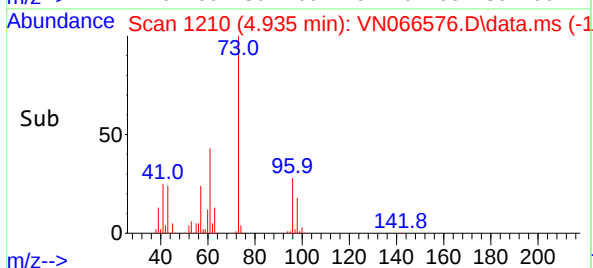
Tgt Ion: 59 Resp: 313488
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 119.57 ug/l
RT: 4.935 min Scan# 1210
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



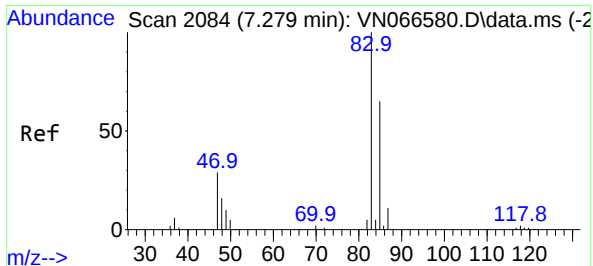
Tgt Ion: 73 Resp: 1179080
Ion Ratio Lower Upper
73 100
43 24.6 18.5 27.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

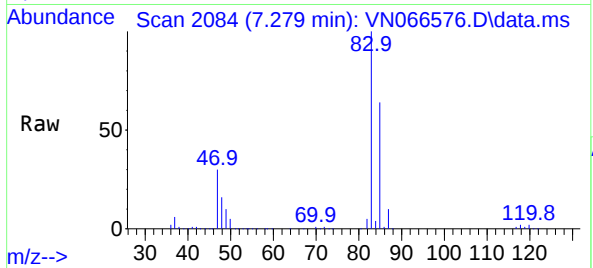
Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



#25
Chloroform
Concen: 125.22 ug/l
RT: 7.279 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

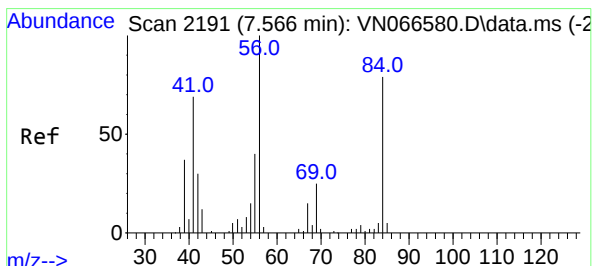
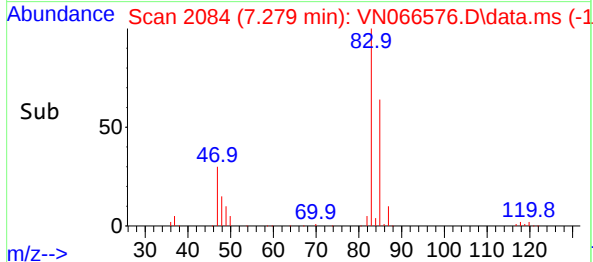
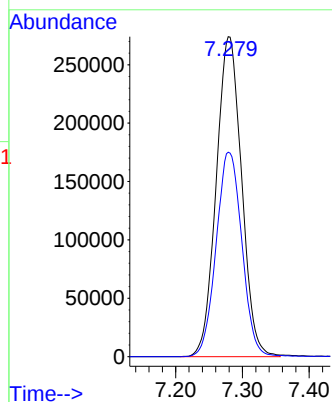
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



Tgt Ion: 83 Resp: 723957
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.2

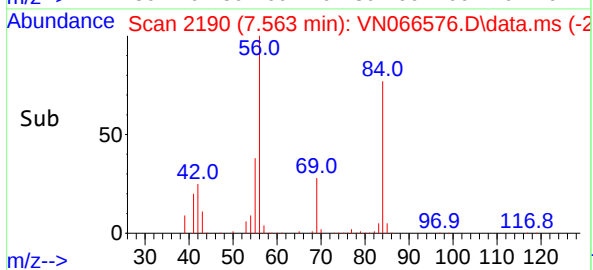
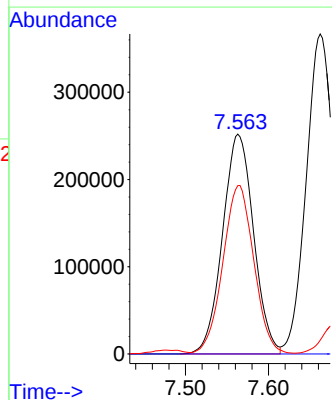
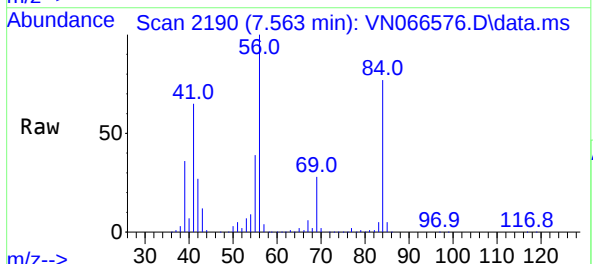
Manual Integrations
APPROVED

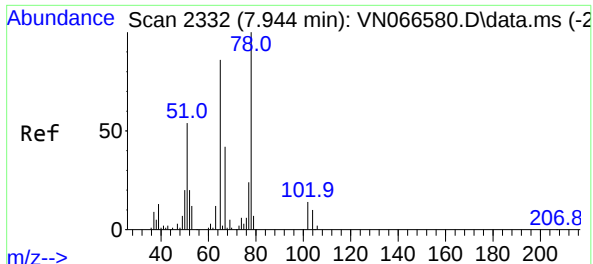
MMDadoda
4/23/2021 2:17:14 PM



#26
Cyclohexane
Concen: 131.64 ug/l
RT: 7.563 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

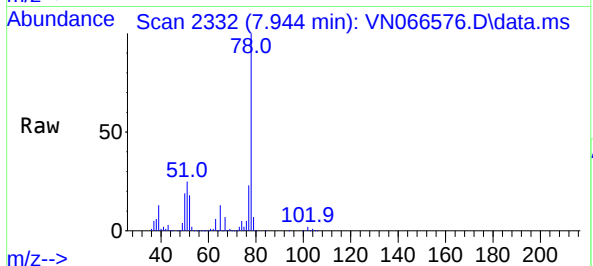
Tgt Ion: 56 Resp: 654963
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.5 65.4 98.2





#27
1,2-Dichloroethane-d4
Concen: 34.94 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

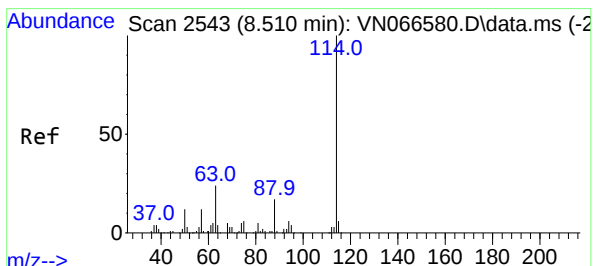
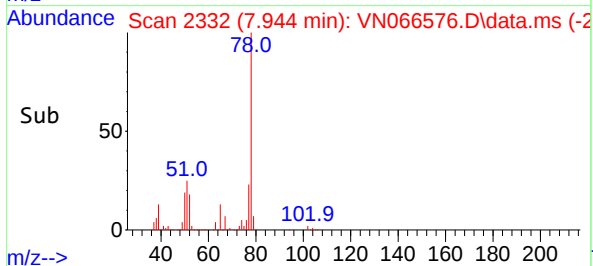
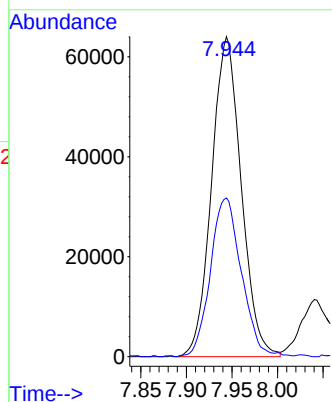
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 65 Resp: 144587
Ion Ratio Lower Upper
65 100
67 51.6 42.2 63.4

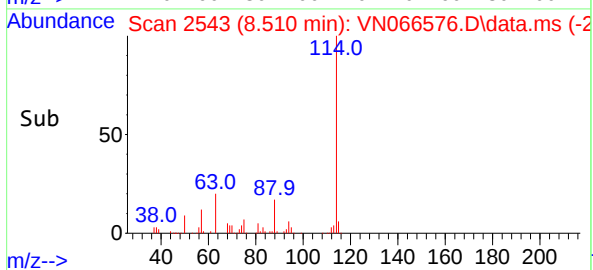
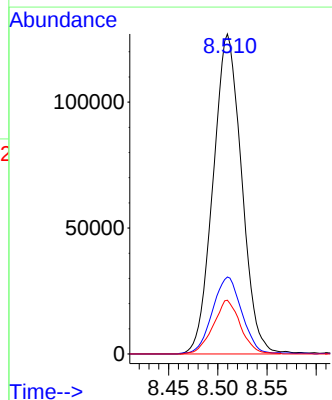
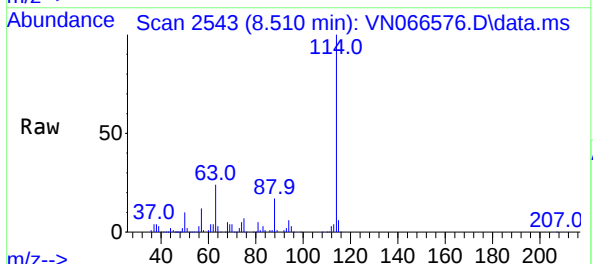
Manual Integrations
APPROVED

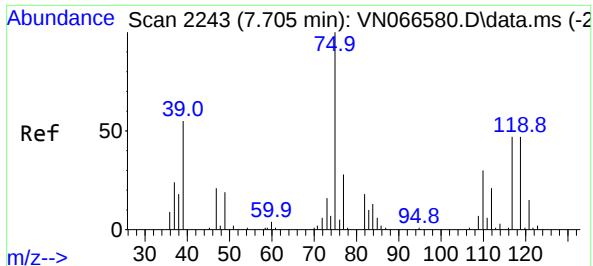
MMDadoda
4/23/2021 2:17:14 PM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 114 Resp: 256202
Ion Ratio Lower Upper
114 100
63 24.7 17.4 26.0
88 16.1 12.6 19.0





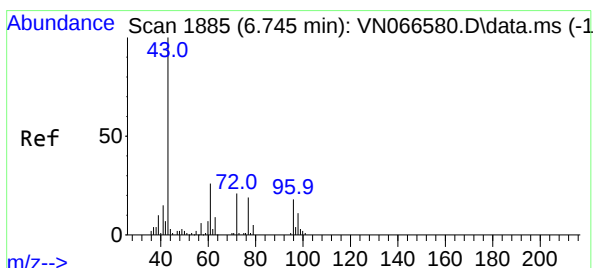
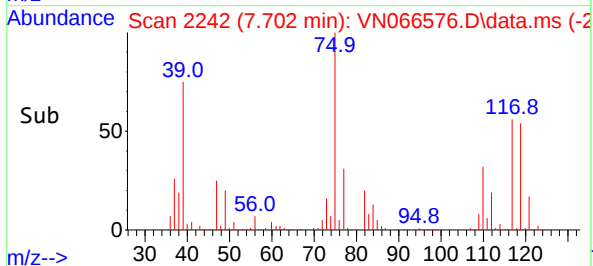
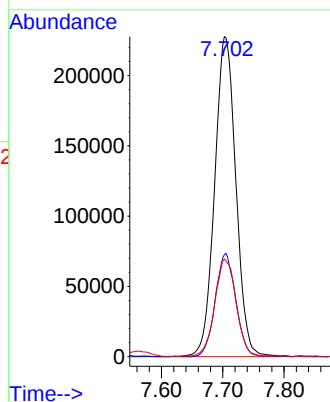
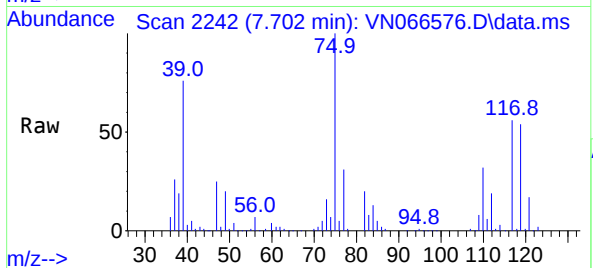
#29
1,1-Dichloropropene
Concen: 140.41 ug/l
RT: 7.702 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 75 Resp: 547651
Ion Ratio Lower Upper
75 100
110 31.3 0.0 69.4
77 30.3 0.0 60.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

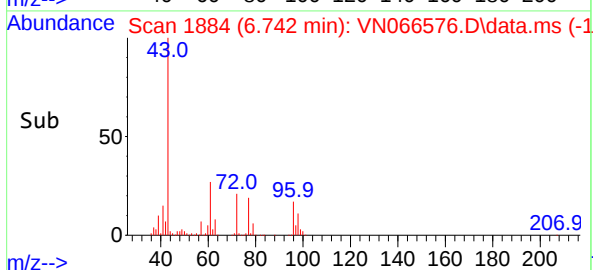
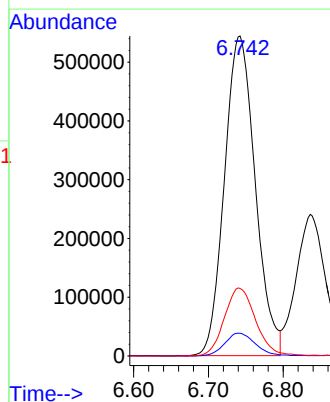
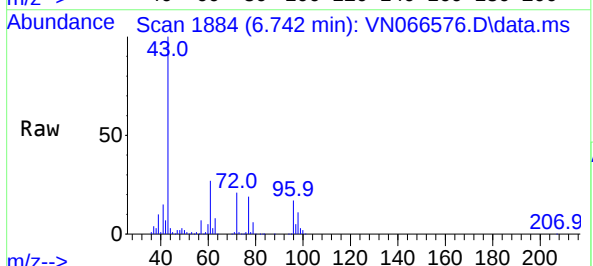
Manual Integrations
APPROVED

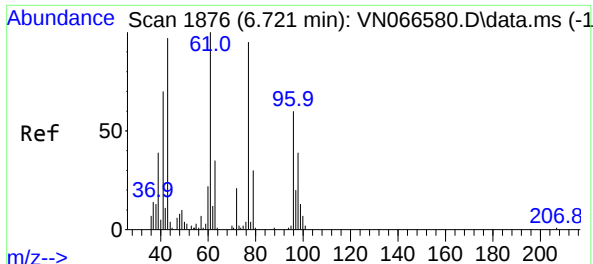
MMDadoda
4/23/2021 2:17:14 PM



#30
2-Butanone
Concen: 689.08 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

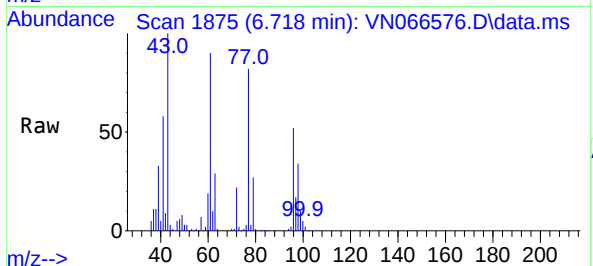
Tgt Ion: 43 Resp: 1558619
Ion Ratio Lower Upper
43 100
57 7.1 6.9 10.3
72 21.7 20.9 31.3



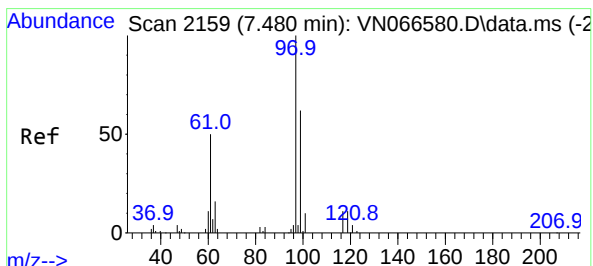
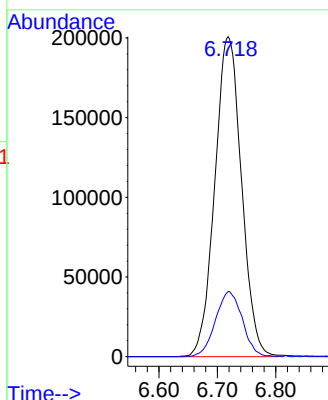
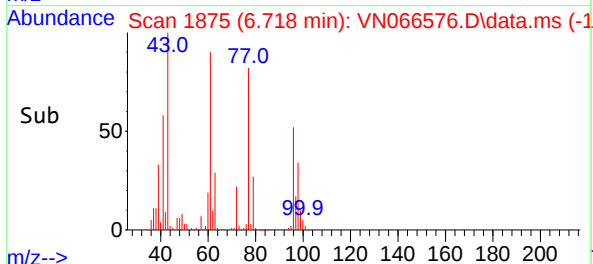


#31
2,2-Dichloropropane
Concen: 131.72 ug/l
RT: 6.718 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

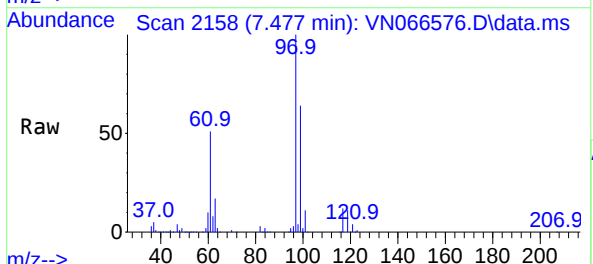
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



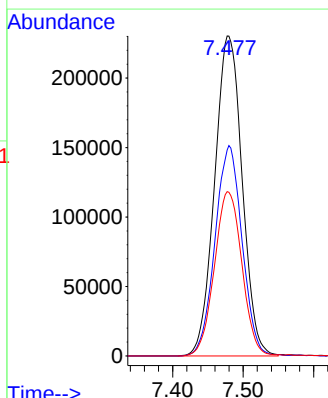
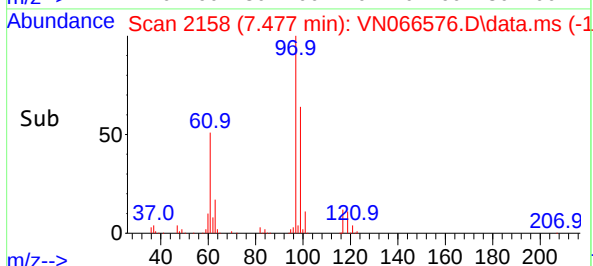
Tgt Ion: 77 Resp: 637632
Ion Ratio Lower Upper
77 100
97 20.4 18.1 27.1

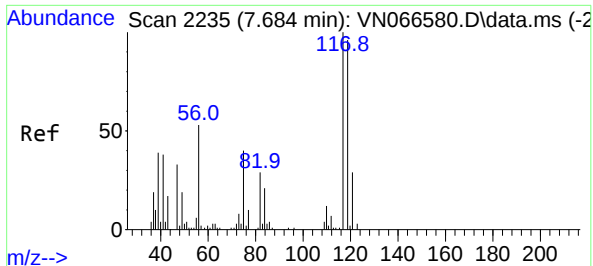


#32
1,1,1-Trichloroethane
Concen: 130.67 ug/l
RT: 7.477 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



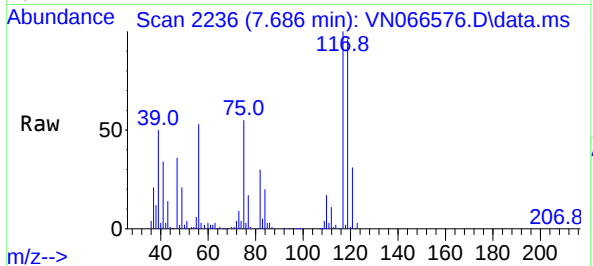
Tgt Ion: 97 Resp: 625996
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 51.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 134.59 ug/l
RT: 7.686 min Scan# 2236
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

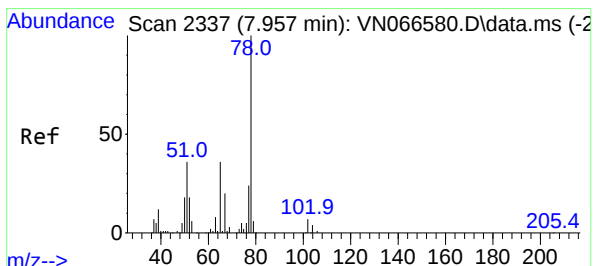
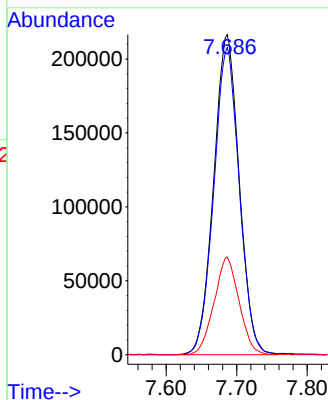
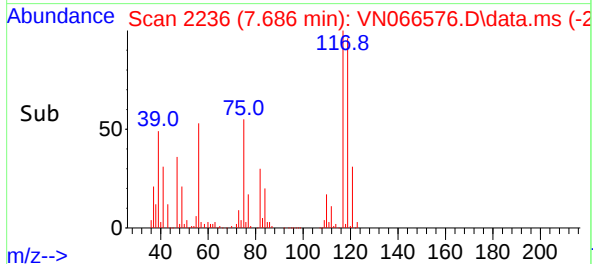
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



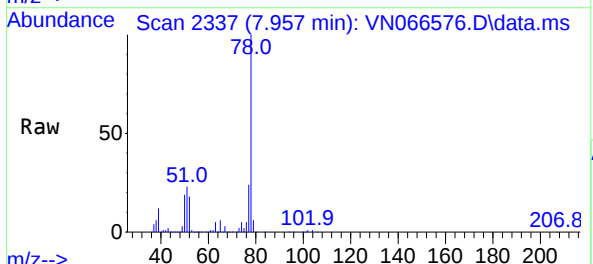
Tgt Ion:117 Resp: 545111
Ion Ratio Lower Upper
117 100
119 95.9 72.6 108.8
121 30.5 23.5 35.3

Manual Integrations
APPROVED

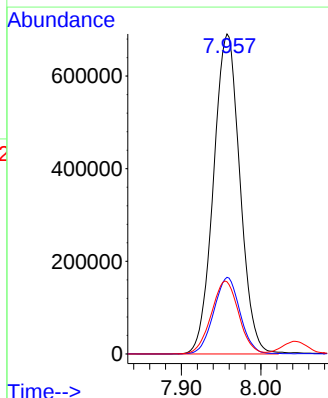
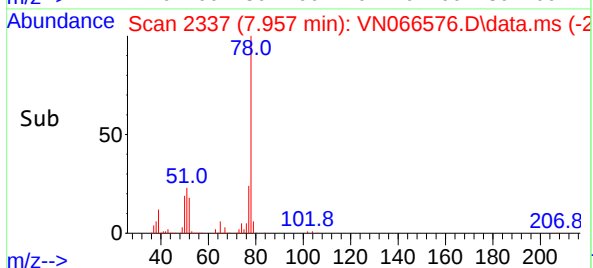
MMDadoda
4/23/2021 2:17:14 PM

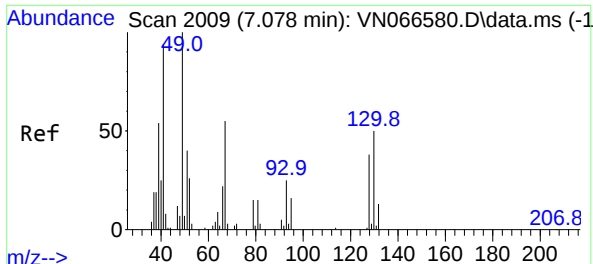


#34
Benzene
Concen: 134.30 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



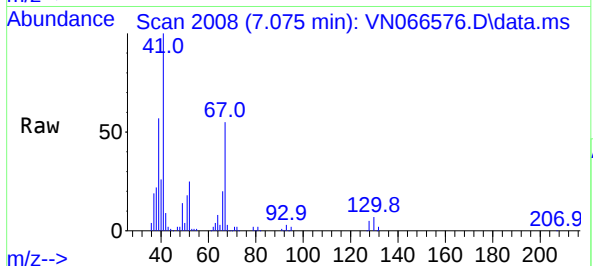
Tgt Ion: 78 Resp: 1595905
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
51 22.5 21.9 32.9





#35
Methacrylonitrile
Concen: 163.84 ug/l
RT: 7.075 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

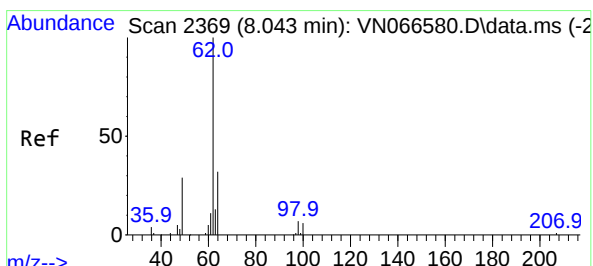
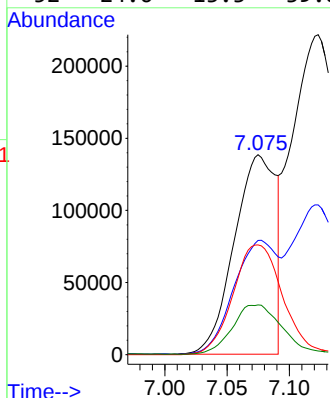
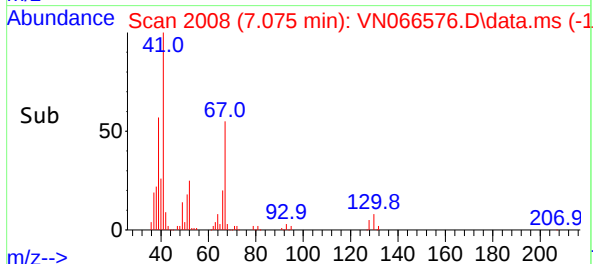


Tgt Ion: 41 Resp: 319807

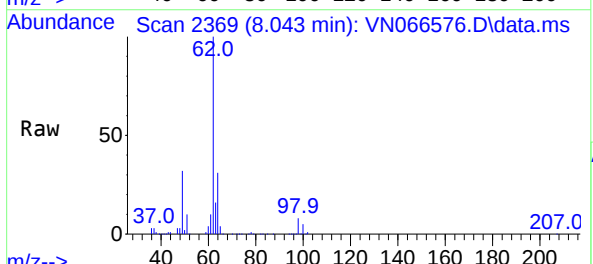
Ion	Ratio	Lower	Upper
41	100		
39	57.0	27.3	81.8
67	55.0	31.4	94.3
52	24.6	13.3	39.8

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM

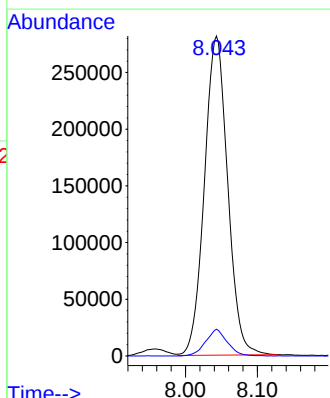
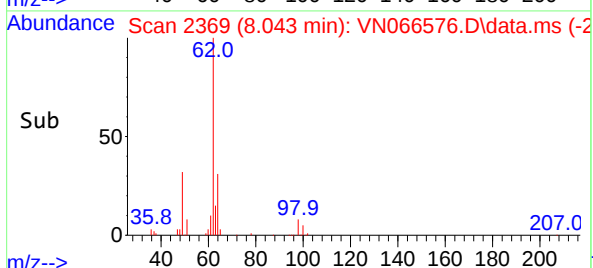


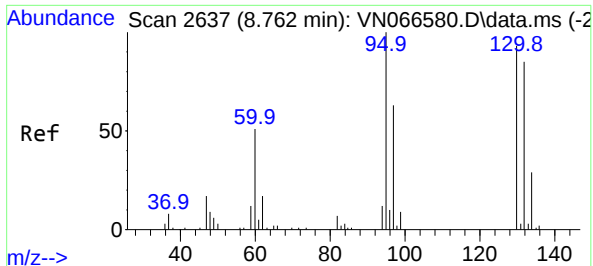
#36
1,2-Dichloroethane
Concen: 142.99 ug/l
RT: 8.043 min Scan# 2369
Delta R.T. 0.002 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 62 Resp: 632937

Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.9	10.3





#37

Trichloroethene

Concen: 117.27 ug/l

RT: 8.762 min Scan# 2637

Delta R.T. 0.003 min

Lab File: VN066576.D

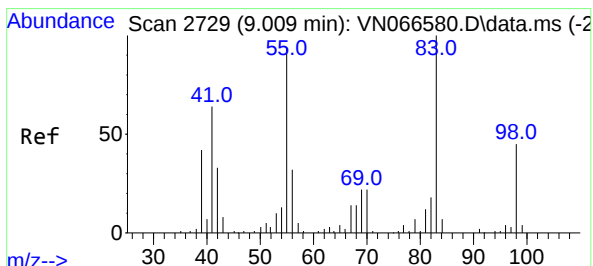
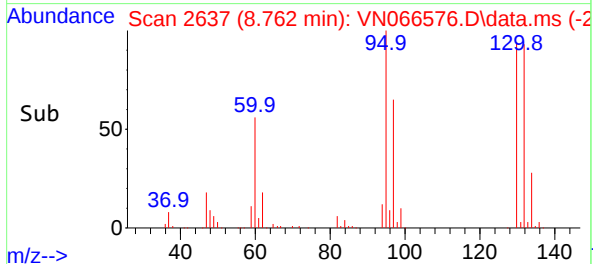
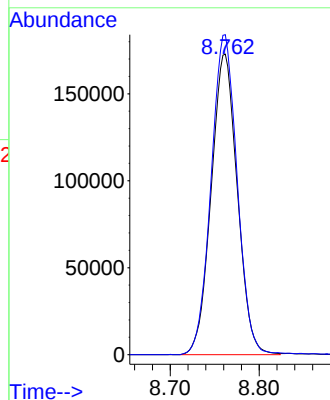
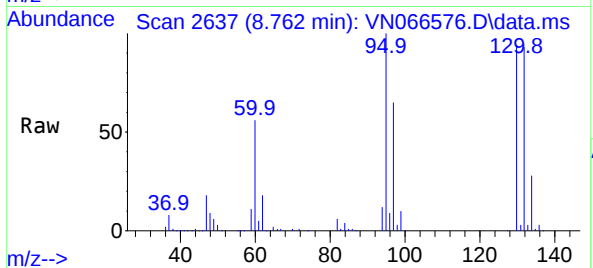
Acq: 13 Apr 2021 13:43

Tgt Ion:130 Resp: 352763

Ion Ratio Lower Upper

130 100

95 106.5 80.7 121.1



#38

Methylcyclohexane

Concen: 131.36 ug/l

RT: 9.006 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VN066576.D

Acq: 13 Apr 2021 13:43

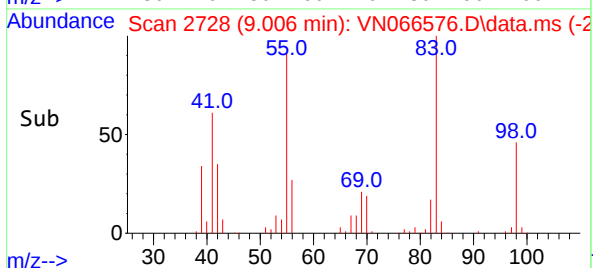
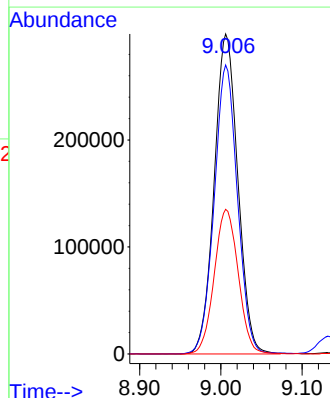
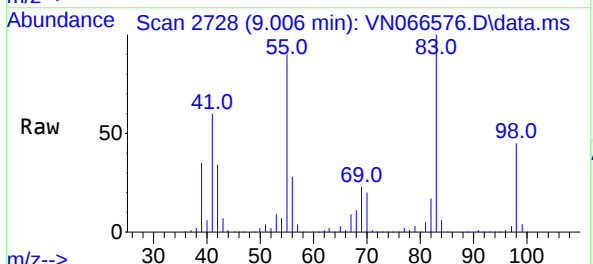
Tgt Ion: 83 Resp: 604628

Ion Ratio Lower Upper

83 100

55 89.0 38.8 116.3

98 45.9 22.2 66.6



Instrument :

MSVOA_N

ClientSampleId :

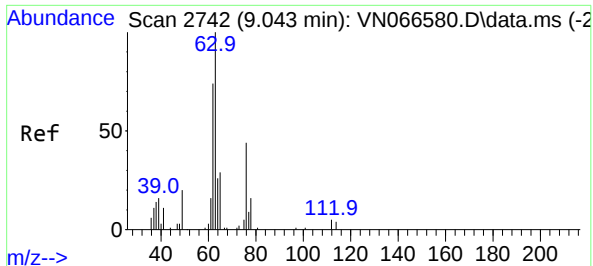
VSTDIC100

Manual Integrations

APPROVED

MMDadoda

4/23/2021 2:17:14 PM



#39

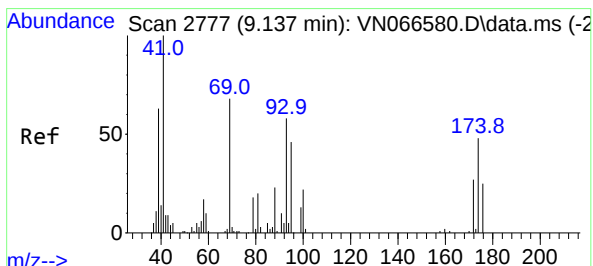
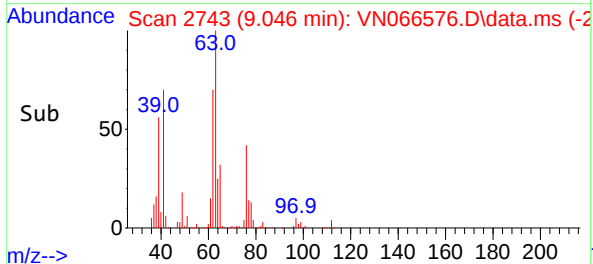
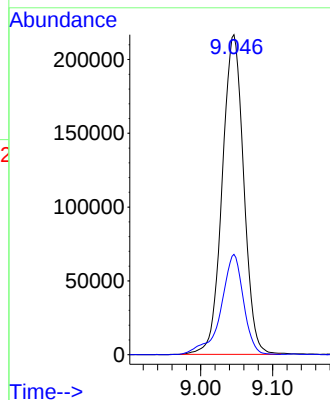
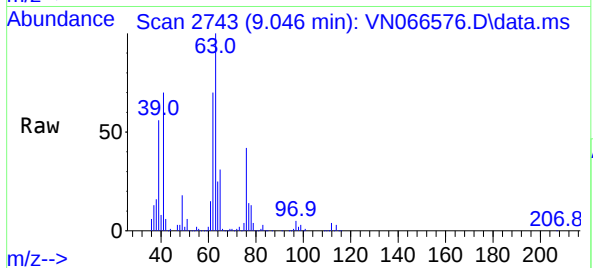
1,2-Dichloropropane
Concen: 138.33 ug/l
RT: 9.046 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 63 Resp: 448868
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

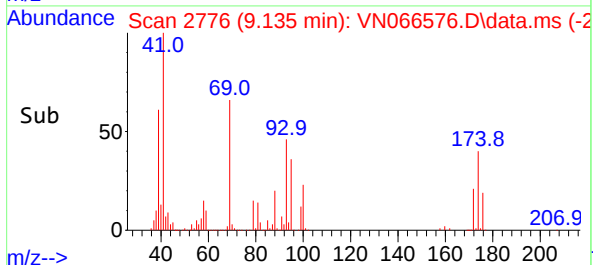
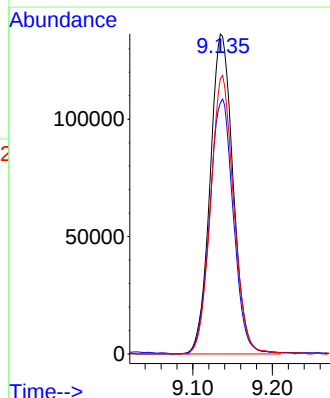
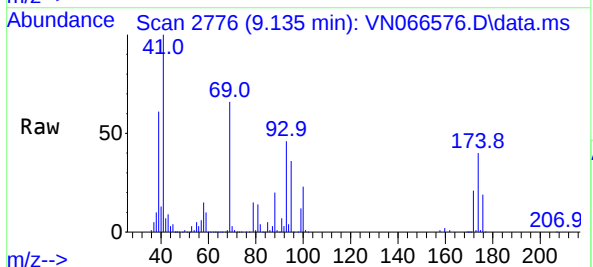
MMDadoda
4/23/2021 2:17:14 PM

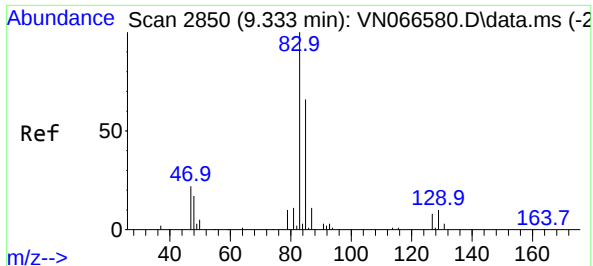


#40

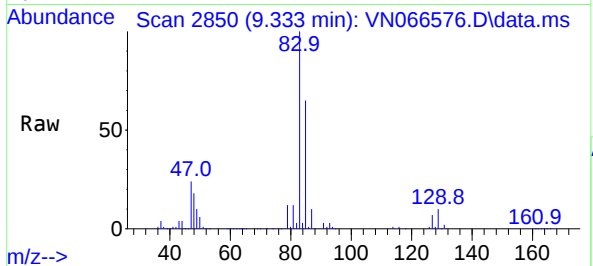
Dibromomethane
Concen: 132.04 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 93 Resp: 274575
Ion Ratio Lower Upper
93 100
95 81.7 0.0 169.0
174 87.1 0.0 205.8

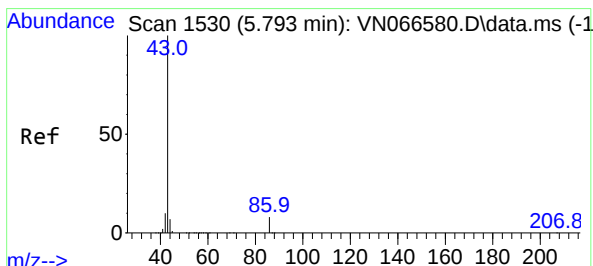
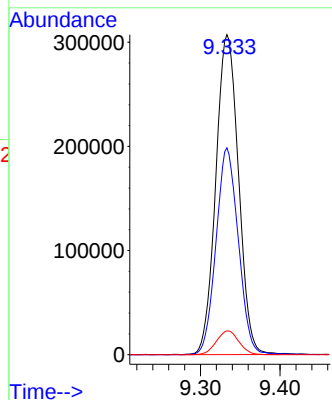
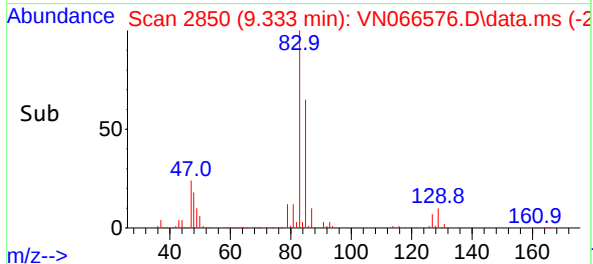




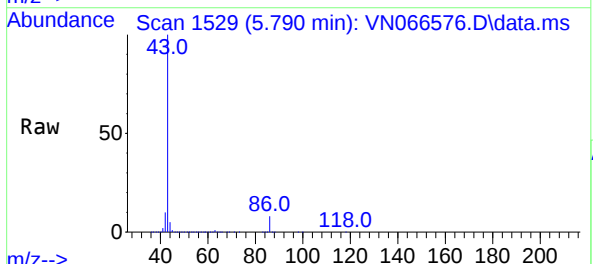
#41
Bromodichloromethane
Concen: 137.72 ug/l
RT: 9.333 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



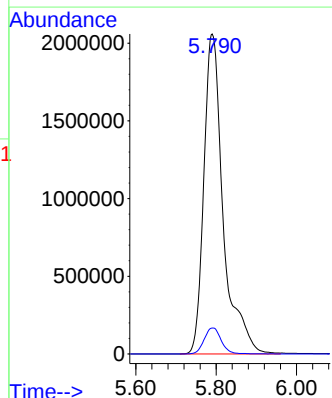
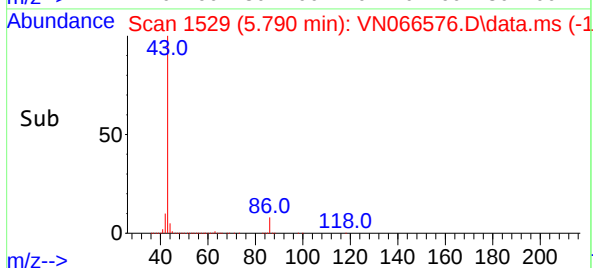
Tgt Ion: 83 Resp: 609566
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 7.4 6.9 10.3



#42
Vinyl Acetate
Concen: 790.60 ug/l
RT: 5.790 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



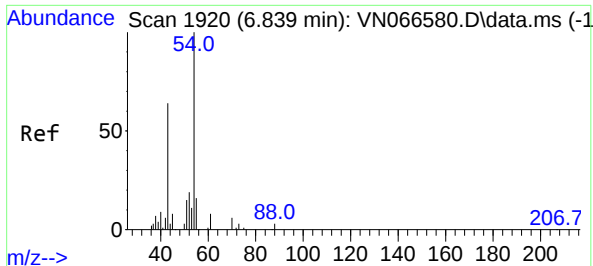
Tgt Ion: 43 Resp: 6882397
Ion Ratio Lower Upper
43 100
86 7.1 6.7 10.1



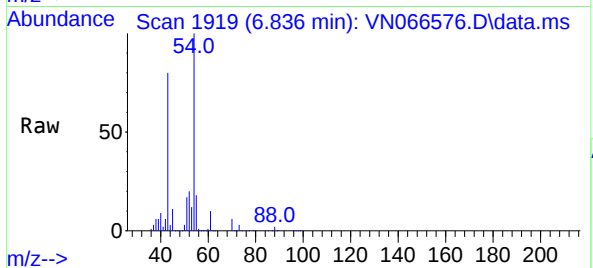
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

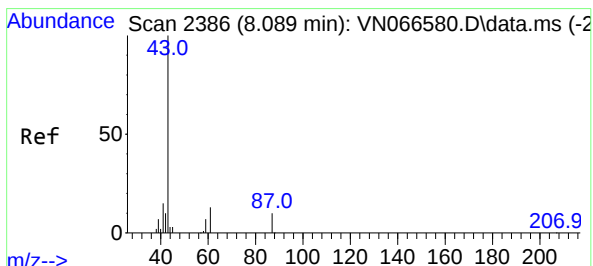
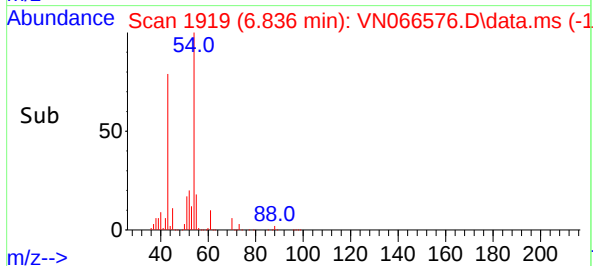
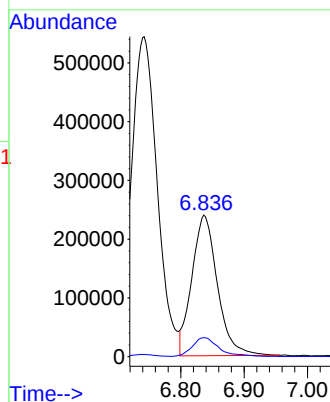
MMDadoda
4/23/2021 2:17:14 PM



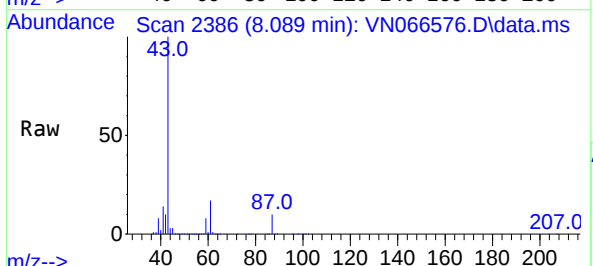
#43
Ethyl Acetate
Concen: 154.24 ug/l
RT: 6.836 min Scan# 1919
Delta R.T. 0.002 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



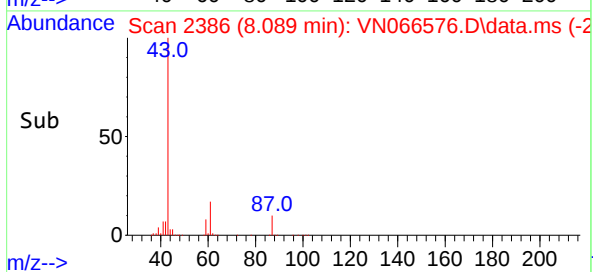
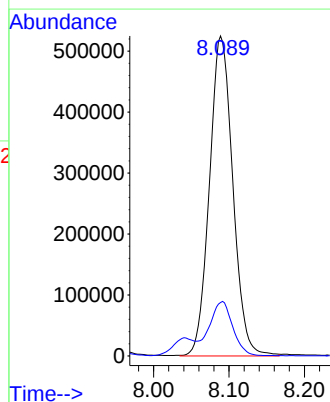
Tgt Ion: 43 Resp: 669263
Ion Ratio Lower Upper
43 100
45 13.0 6.3 9.5#



#44
Isopropyl Acetate
Concen: 146.54 ug/l m
RT: 8.089 min Scan# 2386
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



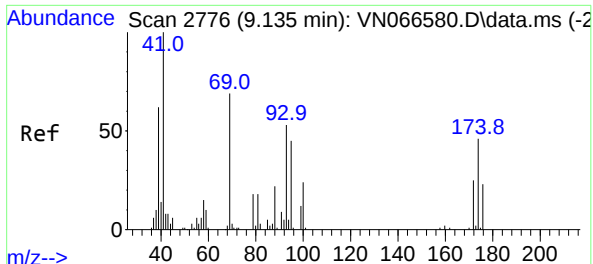
Tgt Ion: 43 Resp: 1131033
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



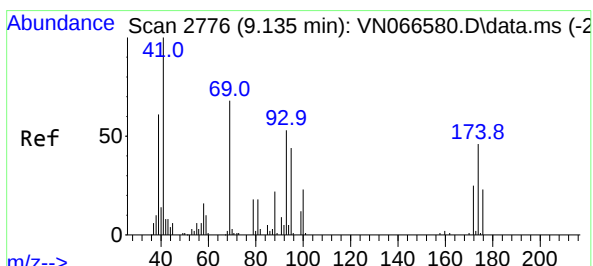
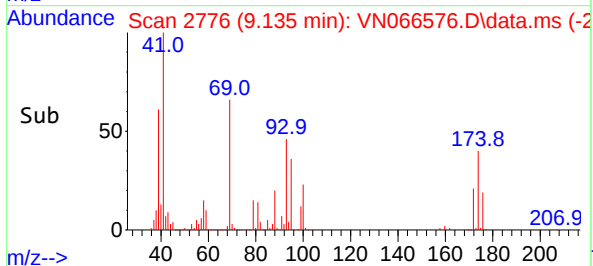
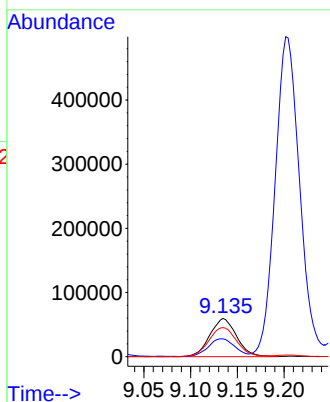
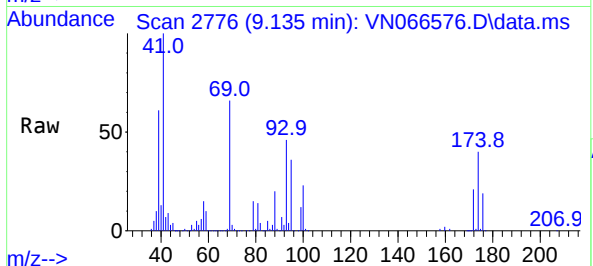
#45
1,4-Dioxane
Concen: 2525.91 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 88 Resp: 118497
Ion Ratio Lower Upper
88 100
43 45.7 27.0 40.4#
58 79.6 57.9 86.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

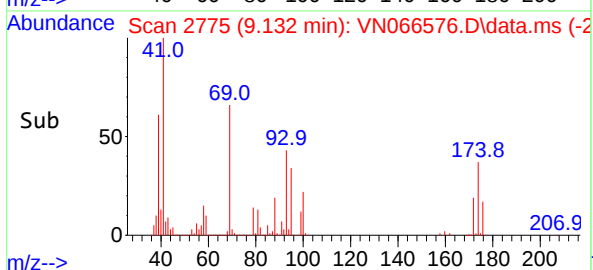
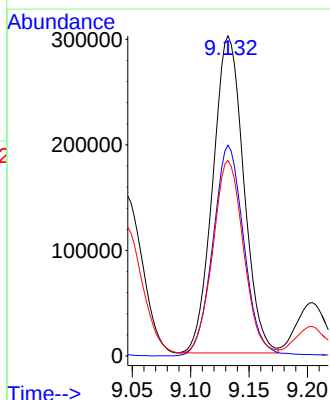
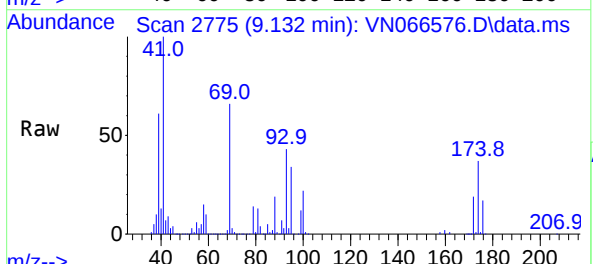
Manual Integrations
APPROVED

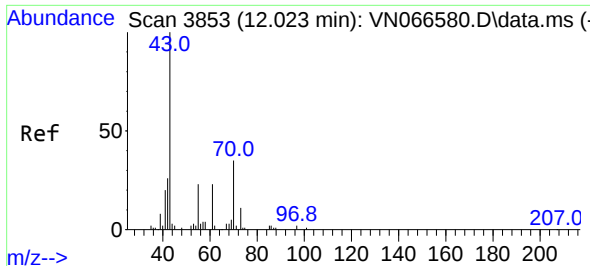
MMDadoda
4/23/2021 2:17:14 PM



#46
Methyl methacrylate
Concen: 154.82 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

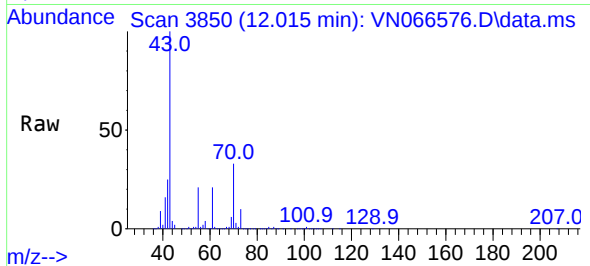
Tgt Ion: 41 Resp: 552017
Ion Ratio Lower Upper
41 100
69 66.3 40.6 121.7
39 60.7 33.2 99.6





#47
n-amy1 Acetate
Concen: 281.68 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

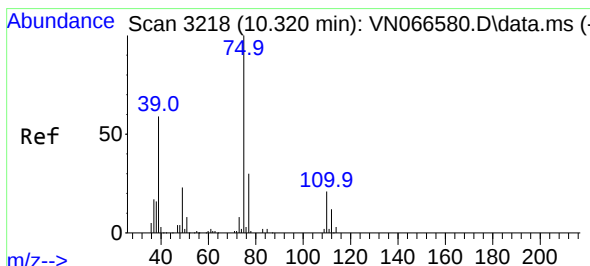
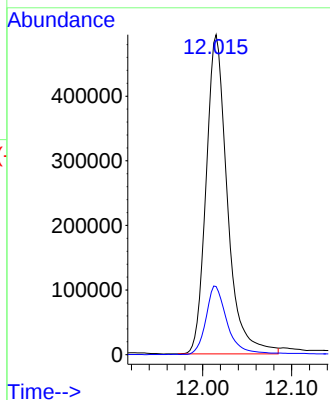
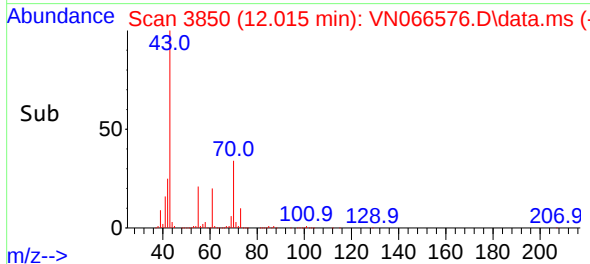
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



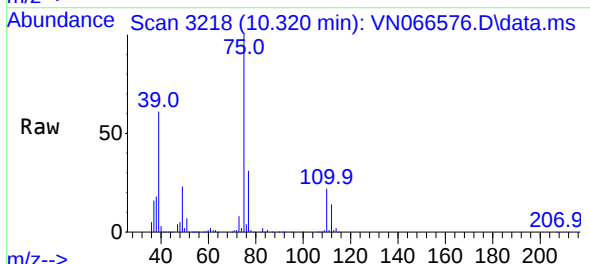
Tgt Ion: 43 Resp: 819395
Ion Ratio Lower Upper
43 100
55 21.4 17.7 26.5

Manual Integrations
APPROVED

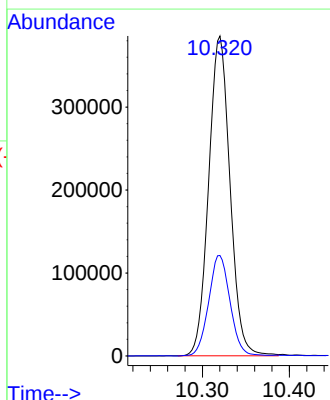
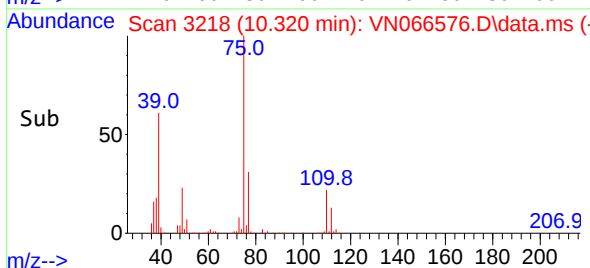
MMDadoda
4/23/2021 2:17:14 PM

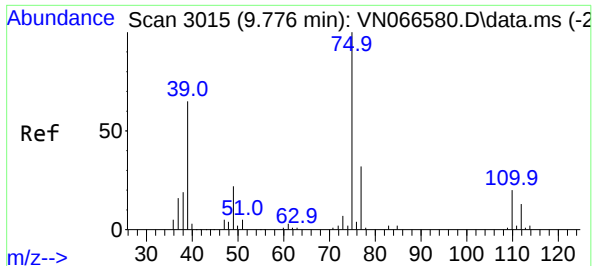


#48
t-1,3-Dichloropropene
Concen: 140.48 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. 0.002 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 75 Resp: 658129
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3





#49

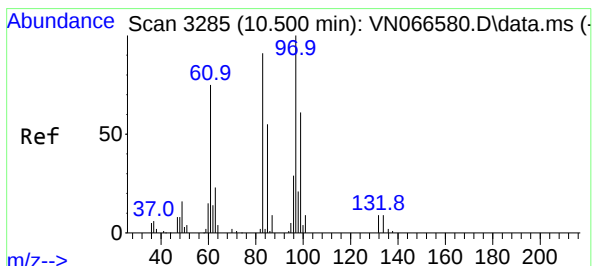
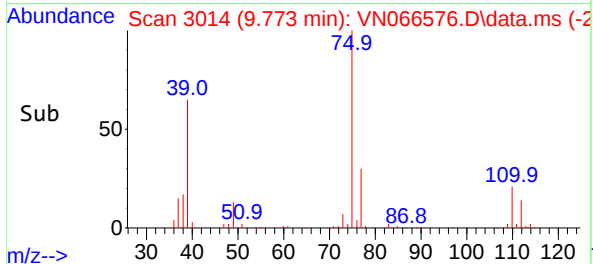
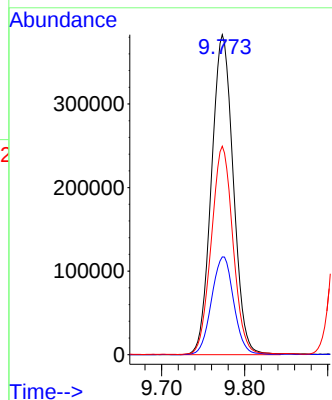
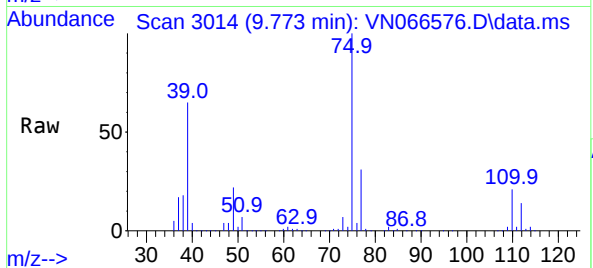
cis-1,3-Dichloropropene
Concen: 138.86 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 75 Resp: 698629
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 65.1 46.8 70.2

Manual Integrations
APPROVED

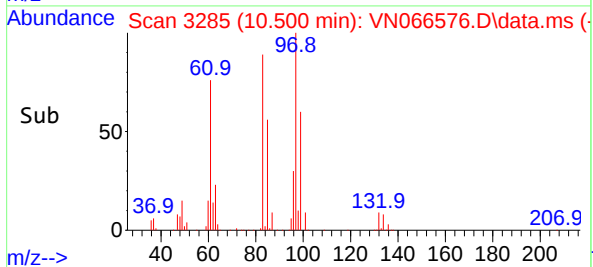
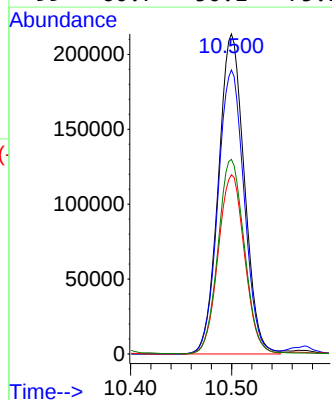
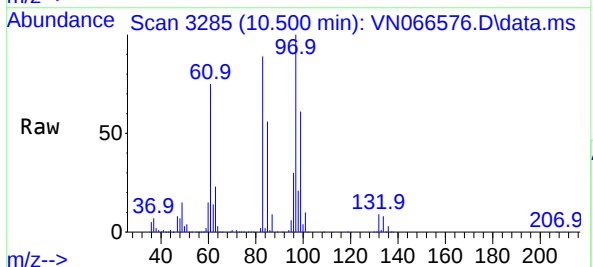
MMDadoda
4/23/2021 2:17:14 PM

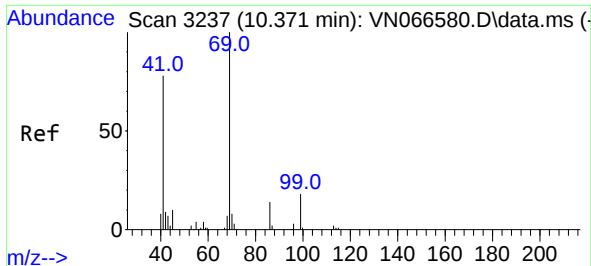


#50

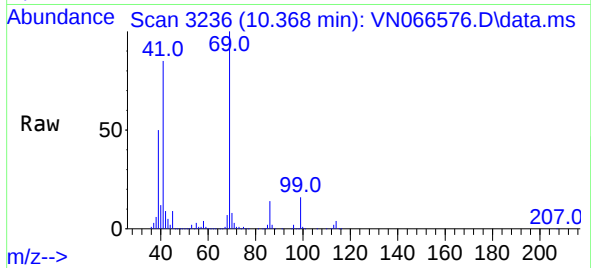
1,1,2-Trichloroethane
Concen: 129.57 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 97 Resp: 379719
Ion Ratio Lower Upper
97 100
83 88.7 68.8 103.2
85 55.8 44.8 67.2
99 60.7 50.1 75.1

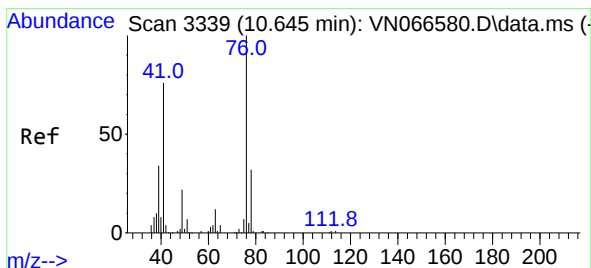
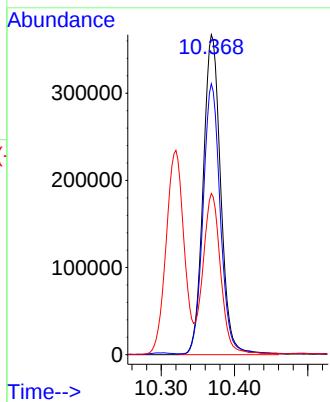
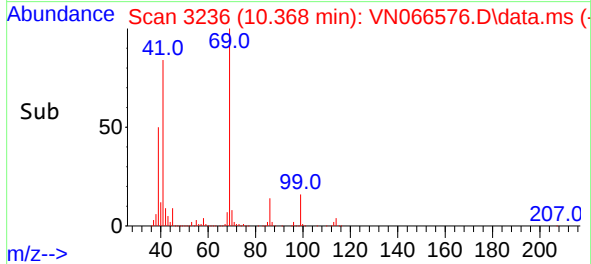




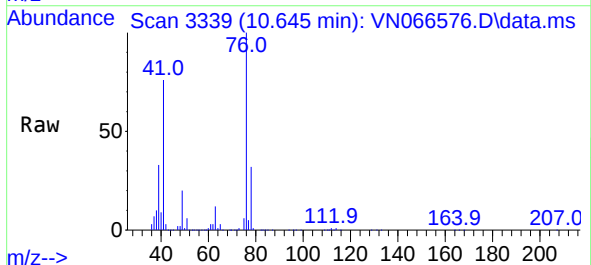
#51
Ethyl methacrylate
Concen: 140.29 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



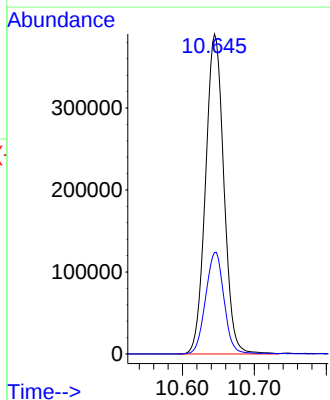
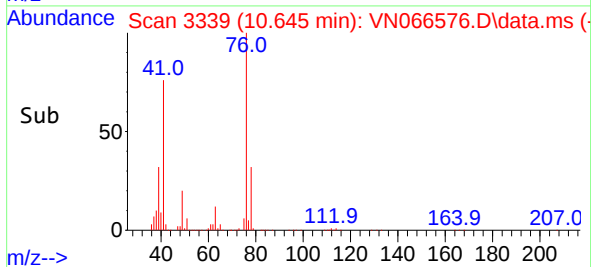
Tgt Ion: 69 Resp: 610157
Ion Ratio Lower Upper
69 100
41 84.4 34.8 104.5
39 49.9 22.5 67.5



#52
1,3-Dichloropropane
Concen: 139.96 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



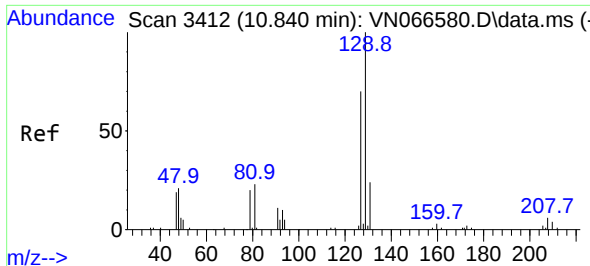
Tgt Ion: 76 Resp: 690403
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



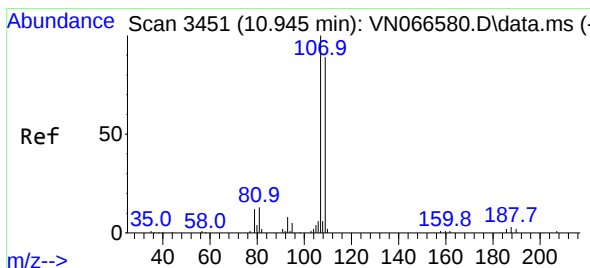
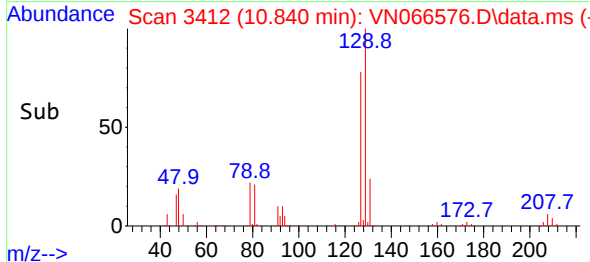
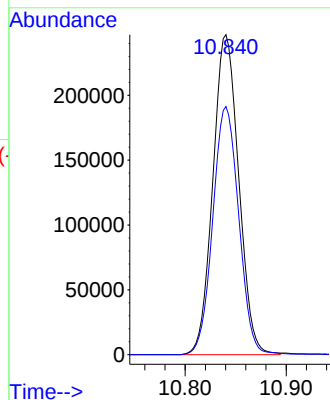
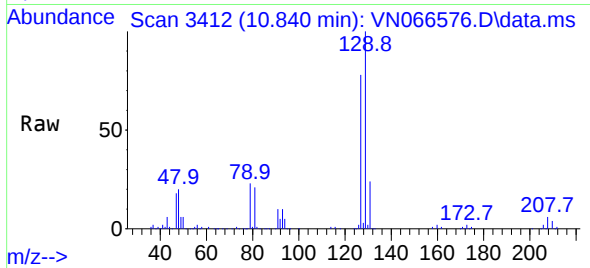
#53
Dibromochloromethane
Concen: 135.25 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:129 Resp: 438935
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

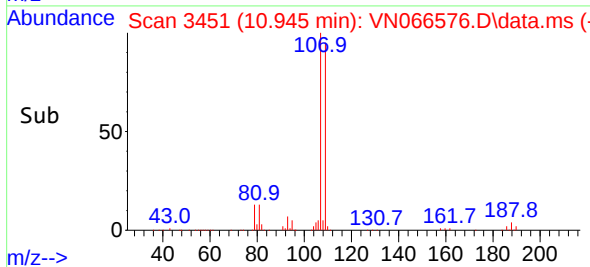
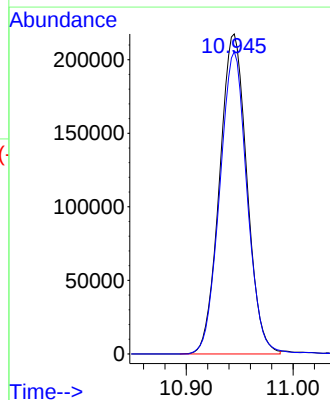
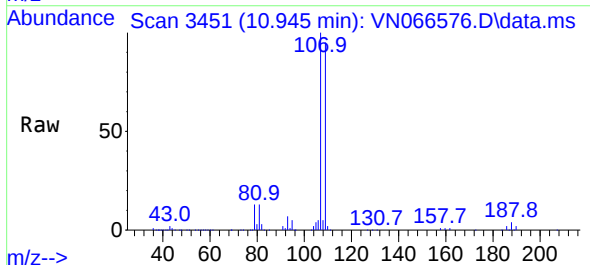
Manual Integrations
APPROVED

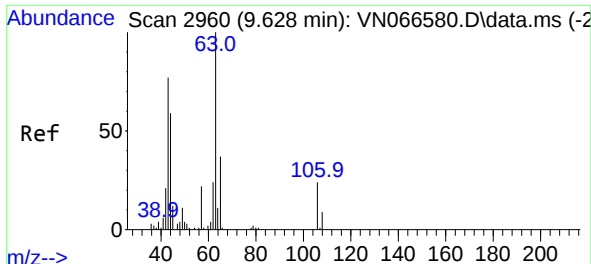
MMDadoda
4/23/2021 2:17:14 PM



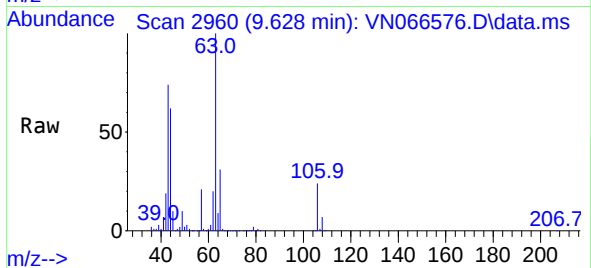
#54
1,2-Dibromoethane
Concen: 129.91 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. 0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:107 Resp: 386980
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.6

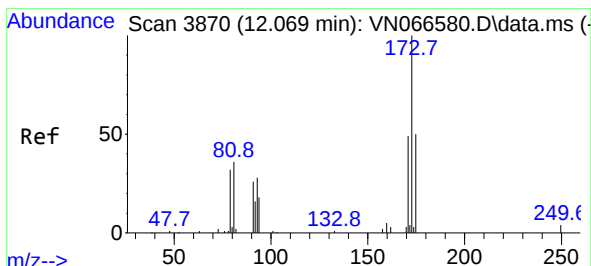
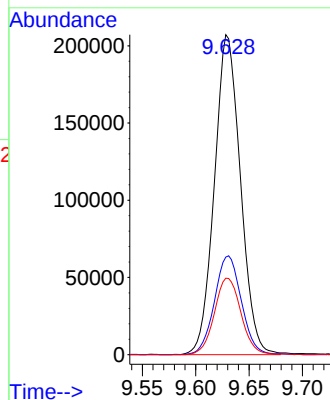
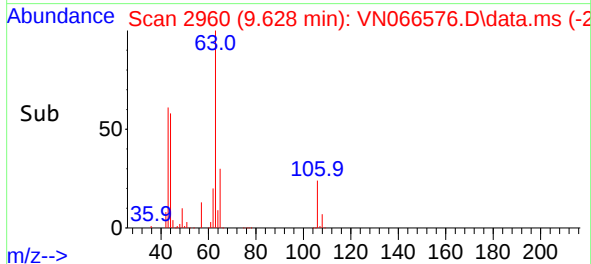




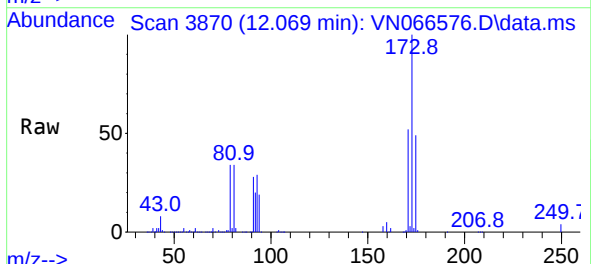
#55
2-Chloroethyl vinyl ether
Concen: 572.27 ug/l
RT: 9.628 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



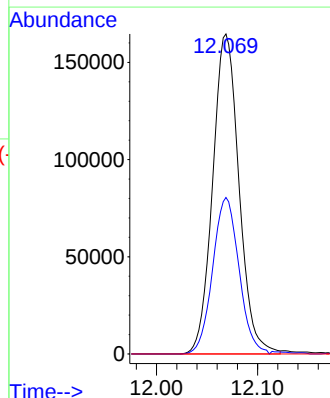
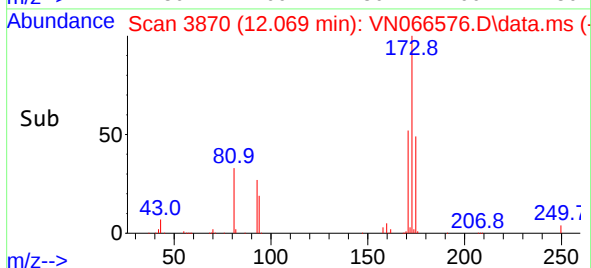
Tgt Ion: 63 Resp: 351772
Ion Ratio Lower Upper
63 100
65 31.7 26.0 39.0
106 24.4 20.6 31.0



#56
Bromoform
Concen: 127.18 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



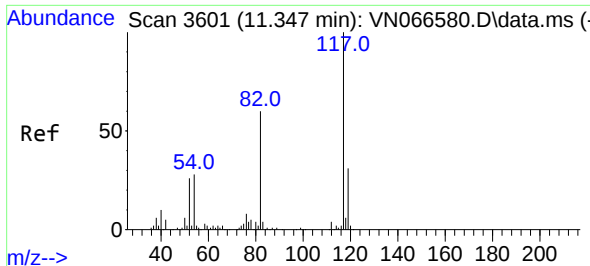
Tgt Ion: 173 Resp: 297944
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 0.0 0.0 0.0



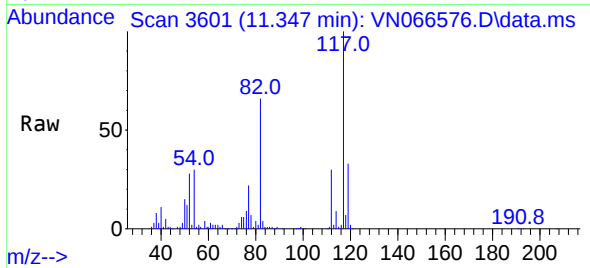
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

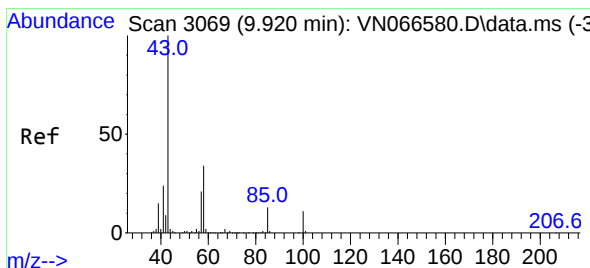
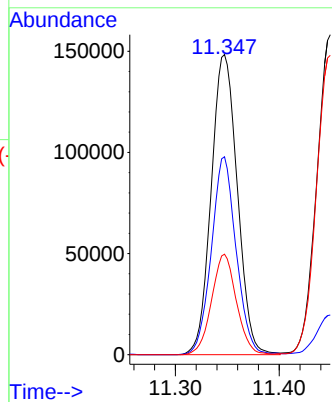
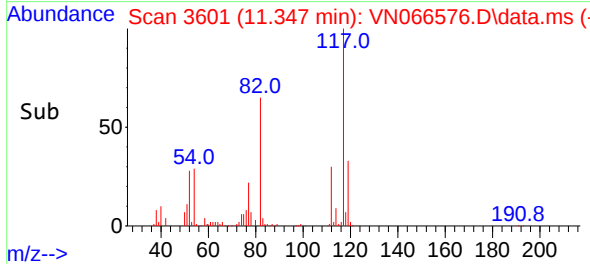
MMDadoda
4/23/2021 2:17:14 PM



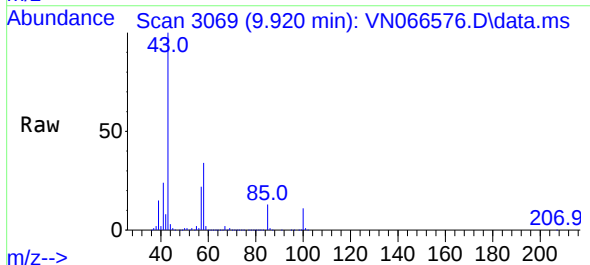
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



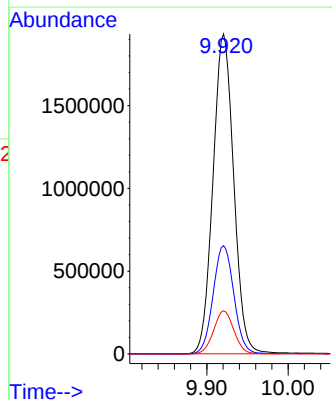
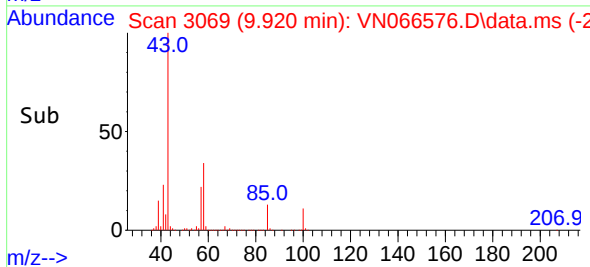
Tgt Ion: 117 Resp: 259408
Ion Ratio Lower Upper
117 100
82 62.5 45.0 67.6
119 31.8 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 661.38 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



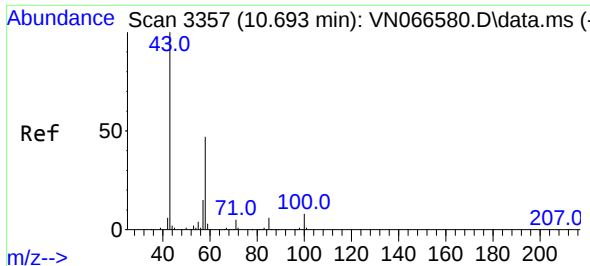
Tgt Ion: 43 Resp: 3424811
Ion Ratio Lower Upper
43 100
58 33.9 30.4 45.6
85 13.3 13.8 20.8#



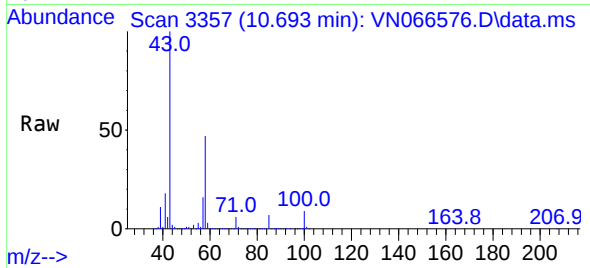
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM

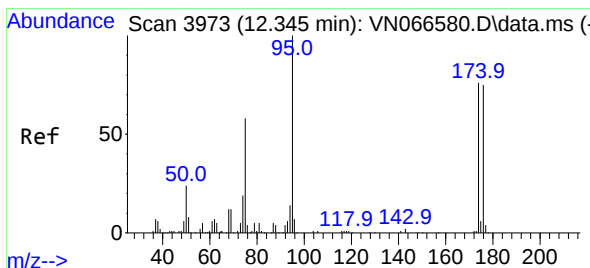
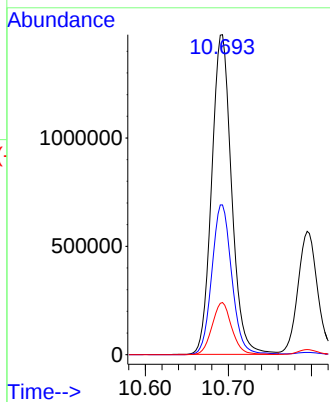
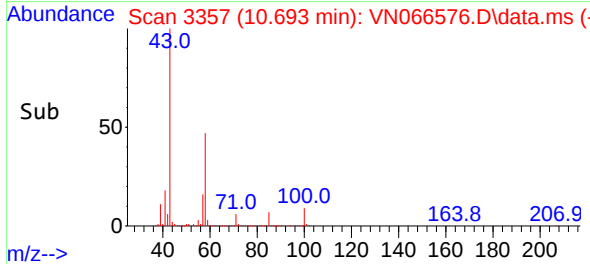


#59
2-Hexanone
Concen: 699.73 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

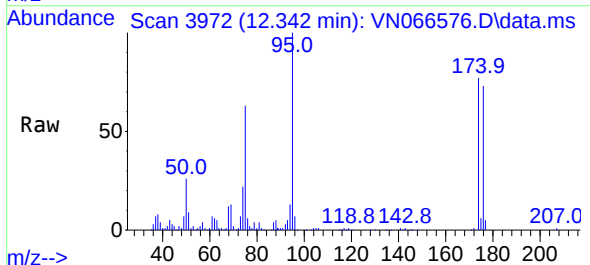


Tgt Ion: 43 Resp: 2455131

Ion	Ratio	Lower	Upper
43	100		
58	47.1	41.8	62.6
57	16.2	14.9	22.3

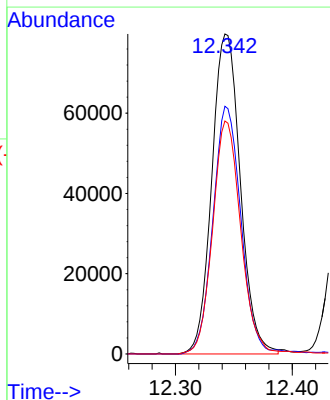
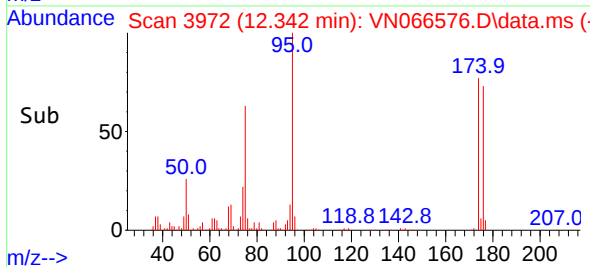


#60
4-Bromofluorobenzene
Concen: 33.20 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 95 Resp: 135169

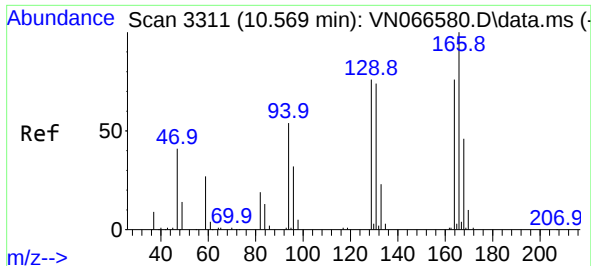
Ion	Ratio	Lower	Upper
95	100		
174	75.5	68.1	102.1
176	71.7	65.4	98.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

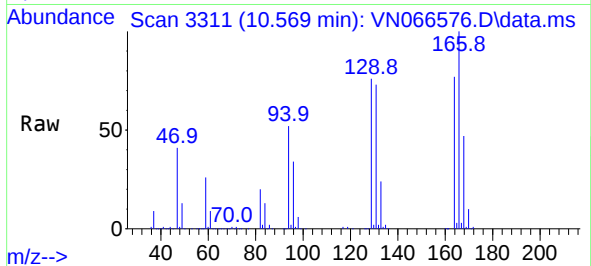
Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



#61
Tetrachloroethene
Concen: 91.74 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

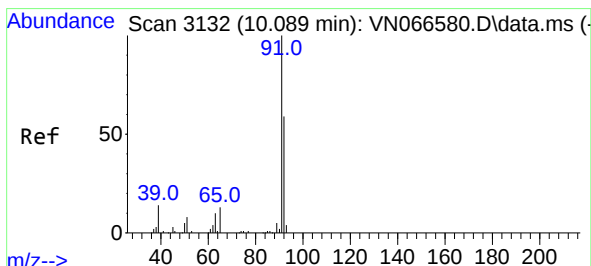
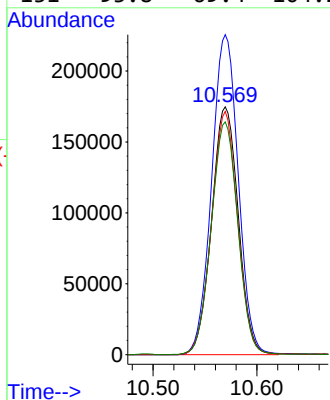
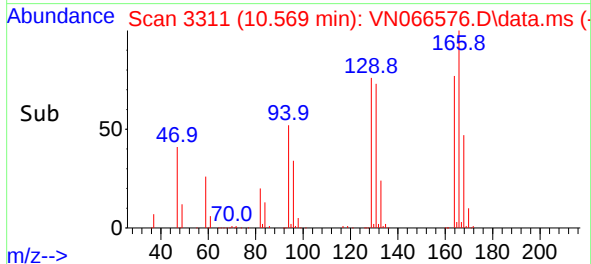
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



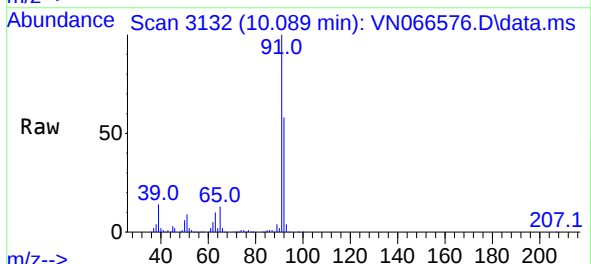
Tgt Ion:164 Resp: 312415
Ion Ratio Lower Upper
164 100
166 129.1 100.5 150.7
129 98.1 74.7 112.1
131 93.8 69.4 104.2

Manual Integrations
APPROVED

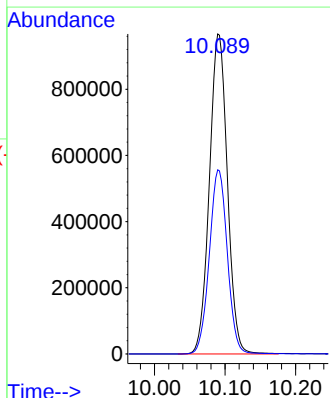
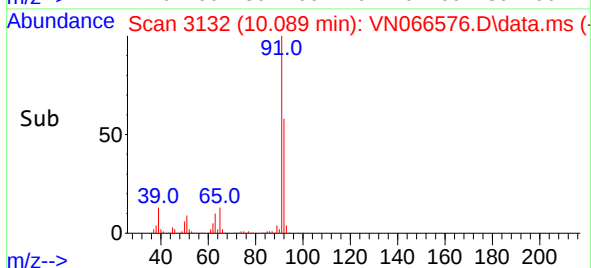
MMDadoda
4/23/2021 2:17:14 PM

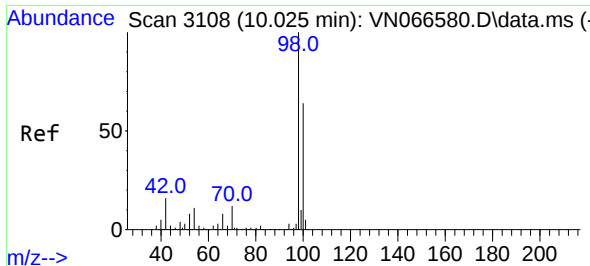


#62
Toluene
Concen: 120.28 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 91 Resp: 1712618
Ion Ratio Lower Upper
91 100
92 57.5 46.2 69.2





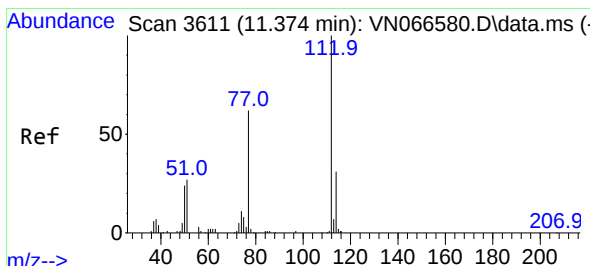
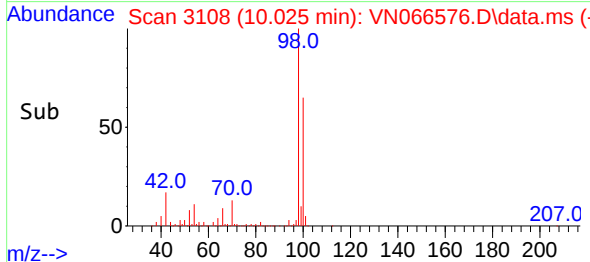
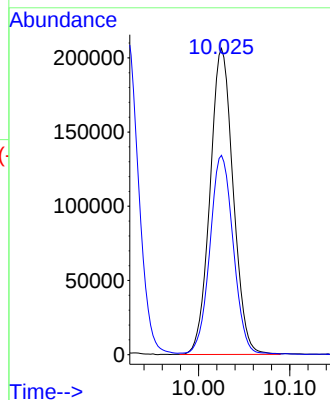
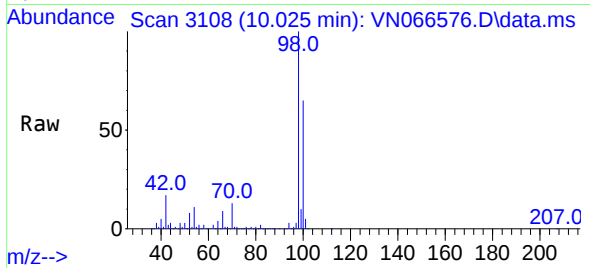
#63
Toluene-d8
Concen: 29.49 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion: 98 Resp: 363812
Ion Ratio Lower Upper
98 100
100 65.8 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

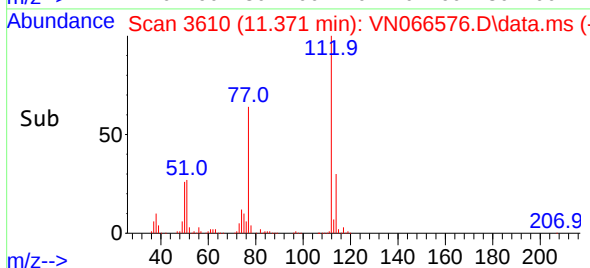
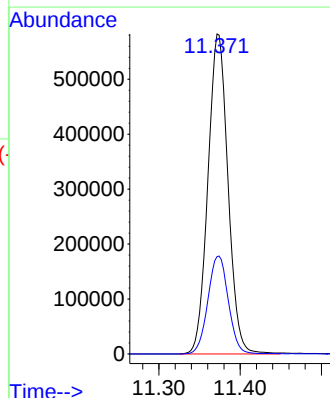
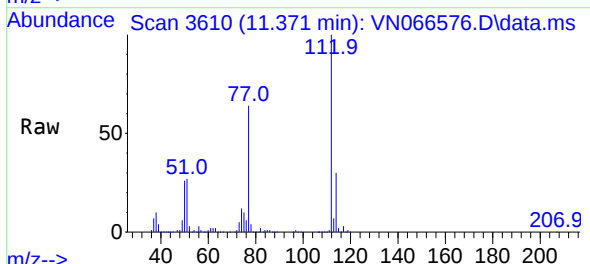
Manual Integrations
APPROVED

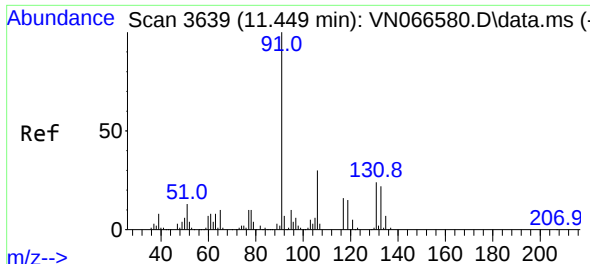
MMDadoda
4/23/2021 2:17:14 PM



#64
Chlorobenzene
Concen: 119.86 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

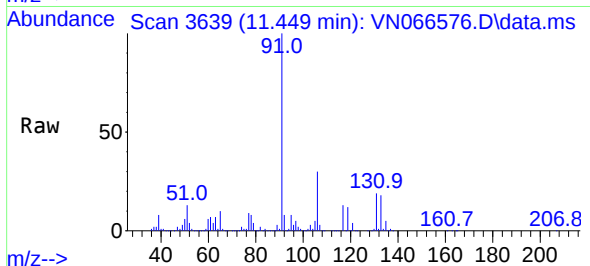
Tgt Ion: 112 Resp: 999832
Ion Ratio Lower Upper
112 100
114 30.4 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 116.50 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

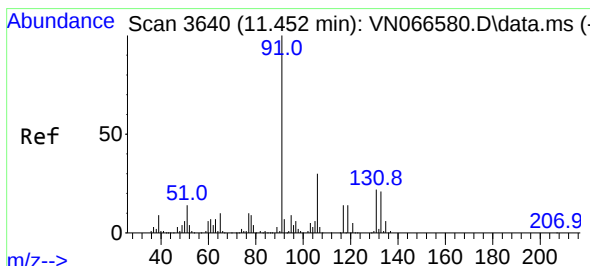
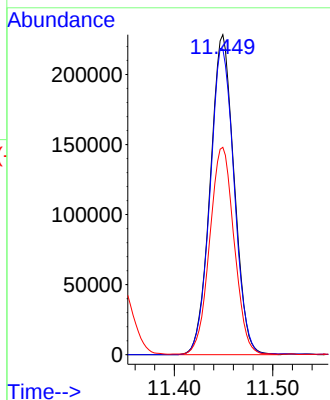
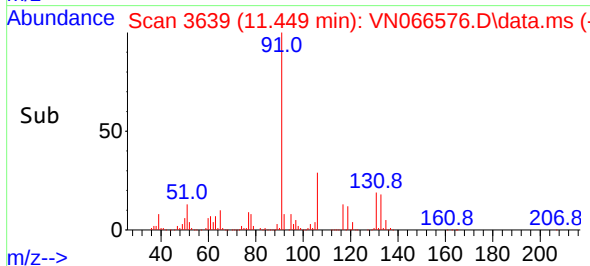
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



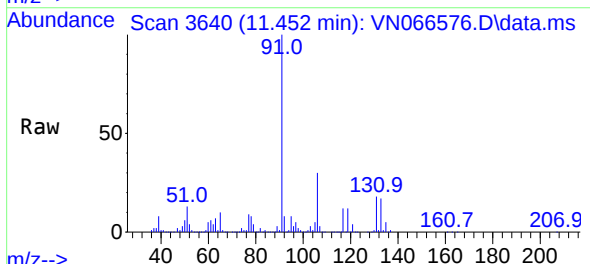
Tgt Ion:131 Resp: 385981
Ion Ratio Lower Upper
131 100
133 96.8 0.0 188.4
119 66.2 0.0 134.4

Manual Integrations
APPROVED

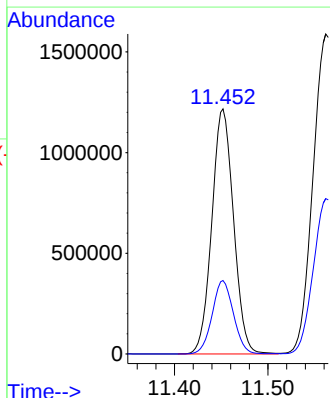
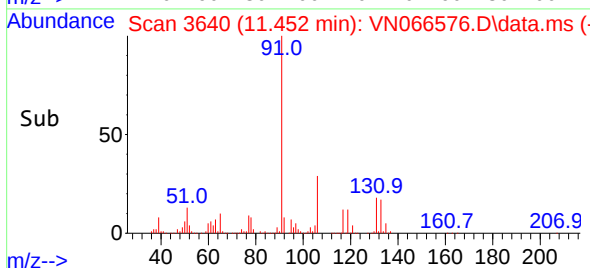
MMDadoda
4/23/2021 2:17:14 PM

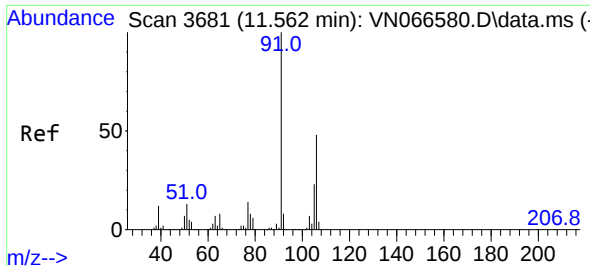


#66
Ethyl Benzene
Concen: 129.96 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



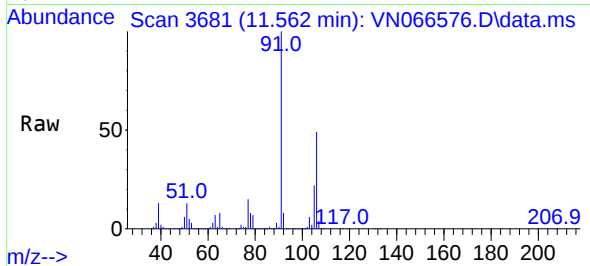
Tgt Ion: 91 Resp: 1969237
Ion Ratio Lower Upper
91 100
106 30.0 25.5 38.3





#67
m/p-Xylenes
Concen: 257.09 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

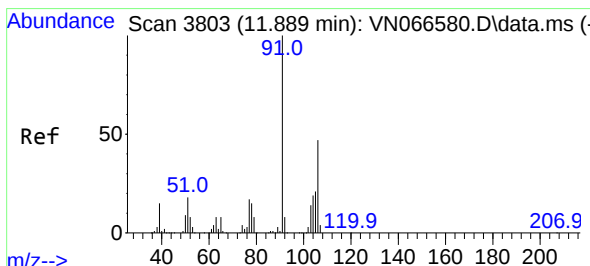
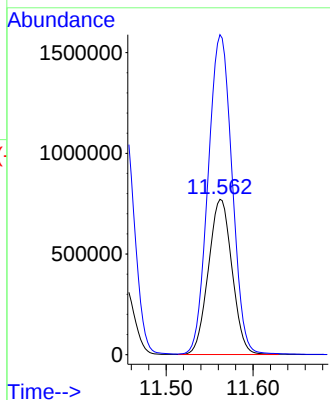
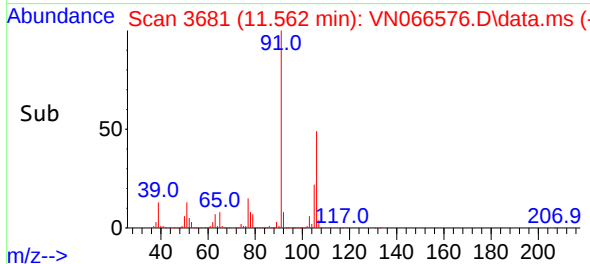
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



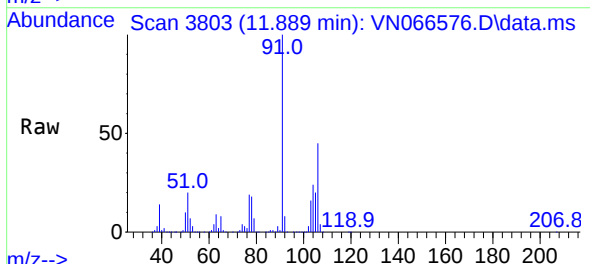
Tgt Ion:106 Resp: 1453915
Ion Ratio Lower Upper
106 100
91 209.5 164.8 247.2

Manual Integrations
APPROVED

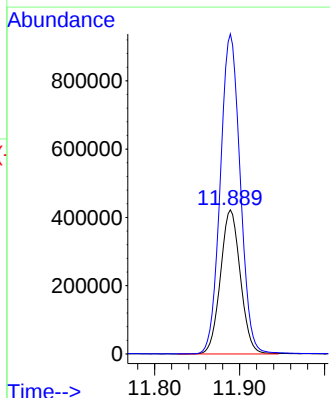
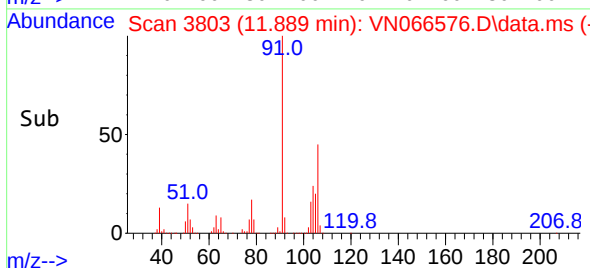
MMDadoda
4/23/2021 2:17:14 PM

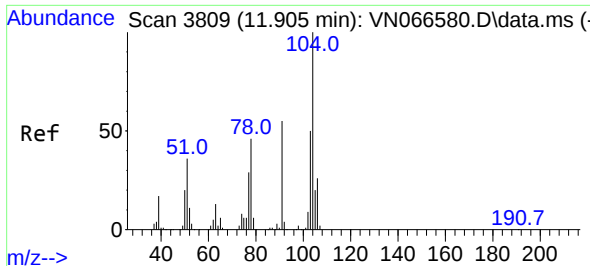


#68
o-Xylene
Concen: 124.74 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



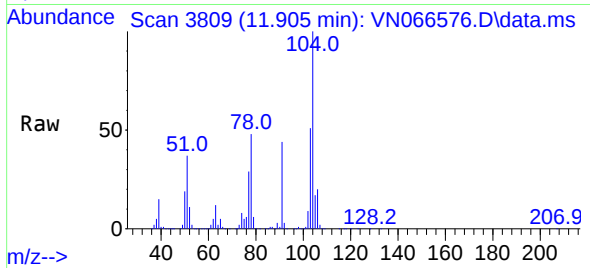
Tgt Ion:106 Resp: 685863
Ion Ratio Lower Upper
106 100
91 222.6 107.1 321.4





#69
Styrene
Concen: 133.50 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

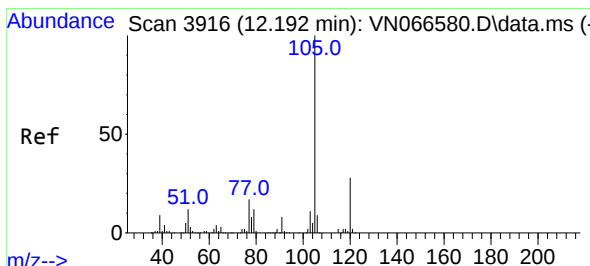
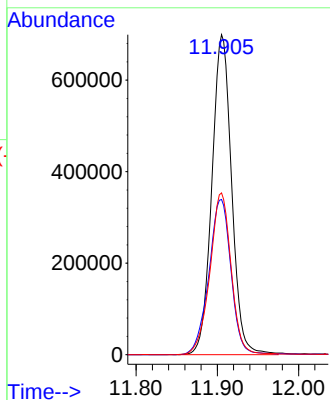
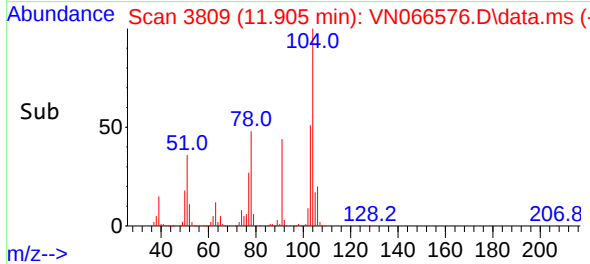


Tgt Ion:104 Resp: 1183379

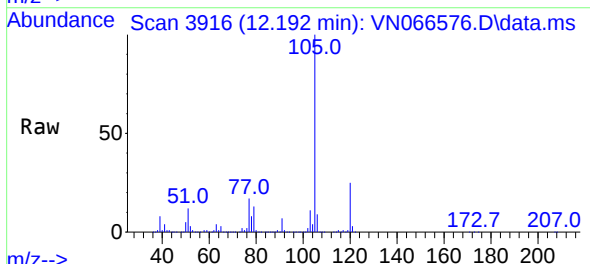
Ion	Ratio	Lower	Upper
104	100		
78	54.4	41.0	61.6
103	54.5	43.7	65.5

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM

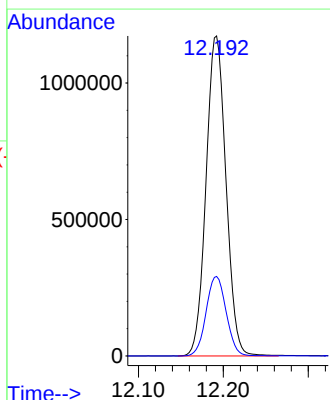
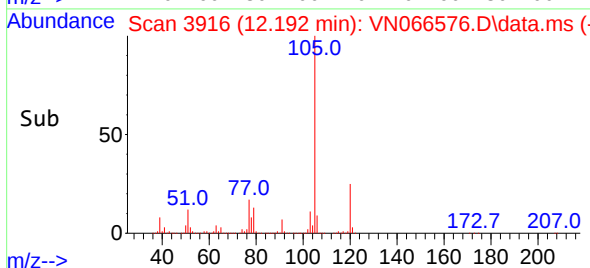


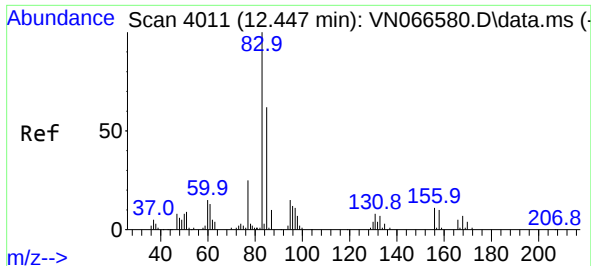
#70
Isopropylbenzene
Concen: 131.92 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



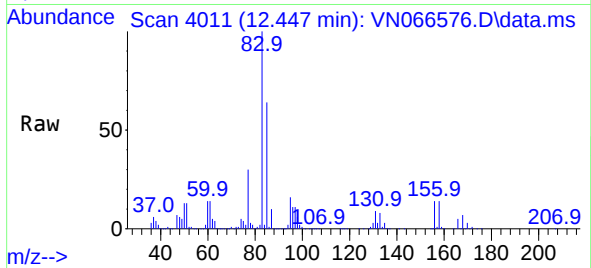
Tgt Ion:105 Resp: 1908680

Ion	Ratio	Lower	Upper
105	100		
120	25.1	18.7	34.7

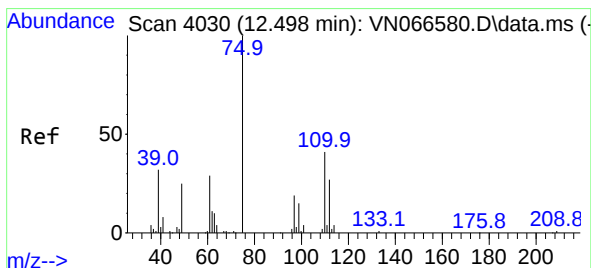
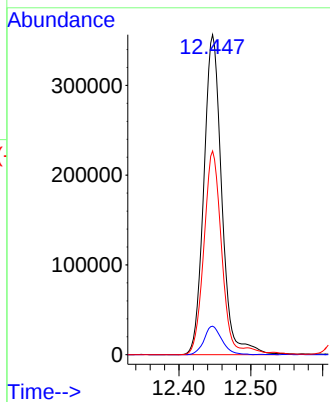
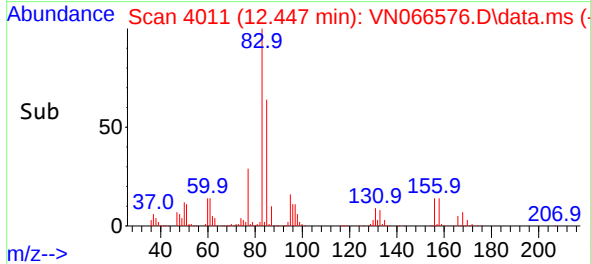




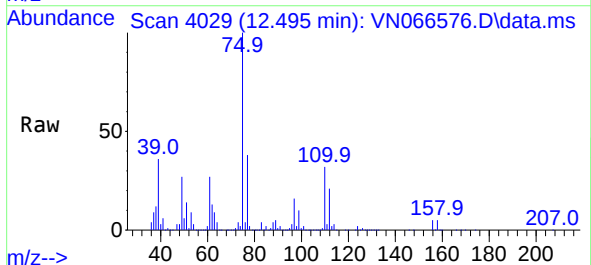
#71
1,1,2,2-Tetrachloroethane
Concen: 130.51 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



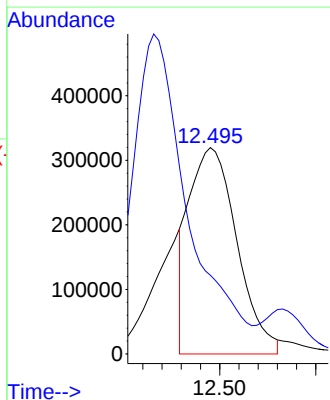
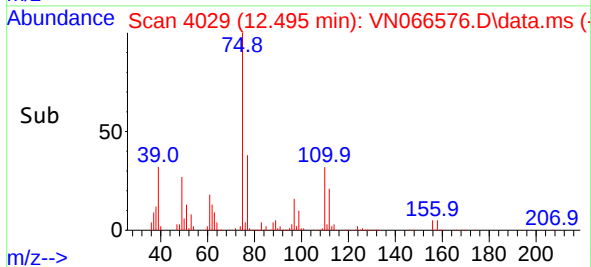
Tgt Ion: 83 Resp: 619106
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.6
85 61.9 31.4 94.2



#72
1,2,3-Trichloropropane
Concen: 124.77 ug/l m
RT: 12.495 min Scan# 4029
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



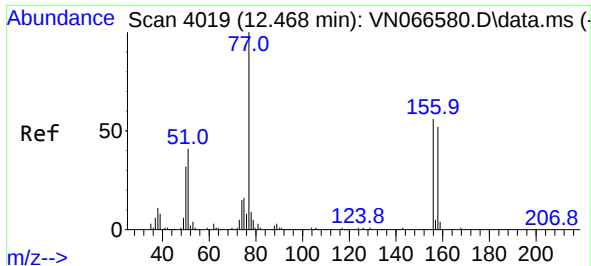
Tgt Ion: 75 Resp: 552889
Ion Ratio Lower Upper
75 100
77 181.9 0.0 310.8



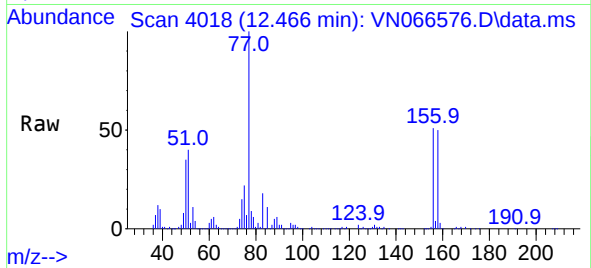
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

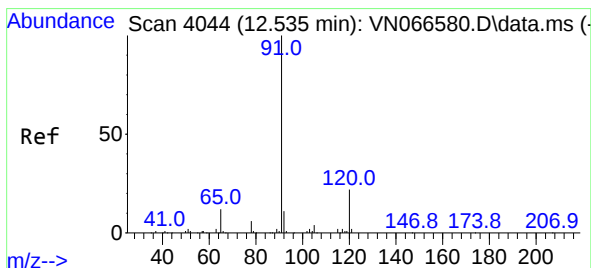
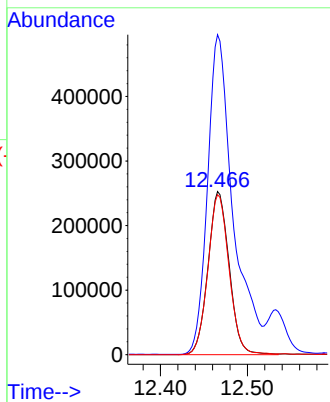
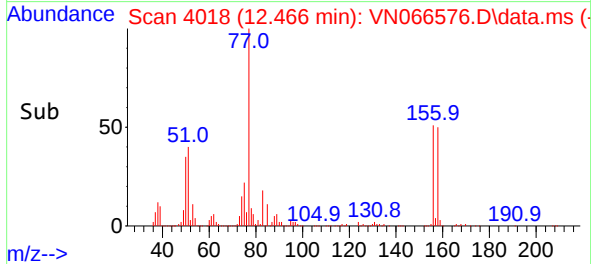
MMDadoda
4/23/2021 2:17:14 PM



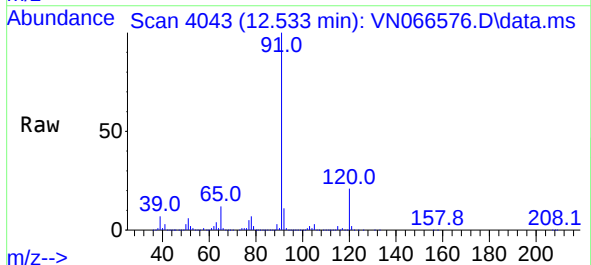
#73
Bromobenzene
Concen: 119.69 ug/l
RT: 12.466 min Scan# 4018
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



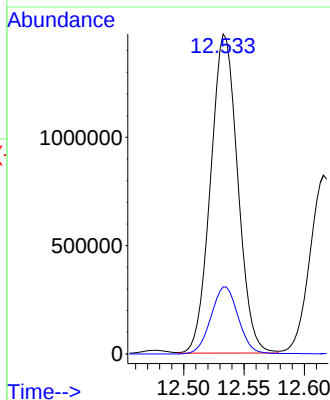
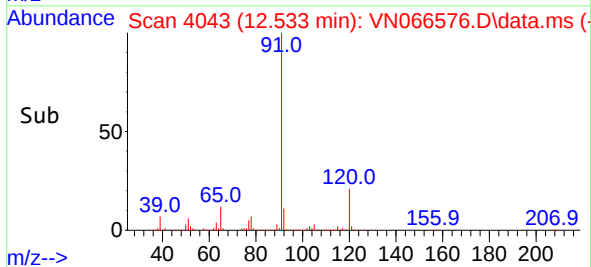
Tgt Ion:156 Resp: 427876
Ion Ratio Lower Upper
156 100
77 235.1 0.0 399.6
158 98.2 0.0 192.8



#74
n-propylbenzene
Concen: 142.08 ug/l
RT: 12.533 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



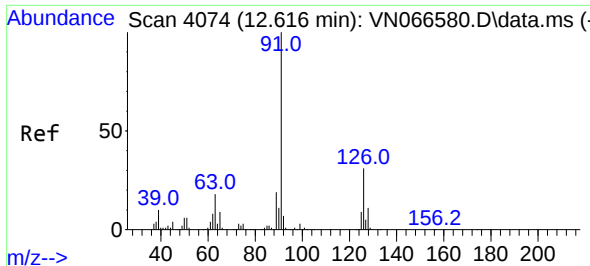
Tgt Ion: 91 Resp: 2306426
Ion Ratio Lower Upper
91 100
120 21.3 0.0 45.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



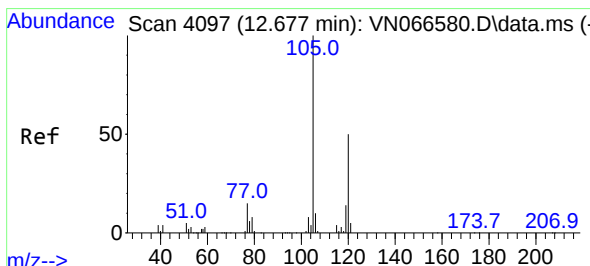
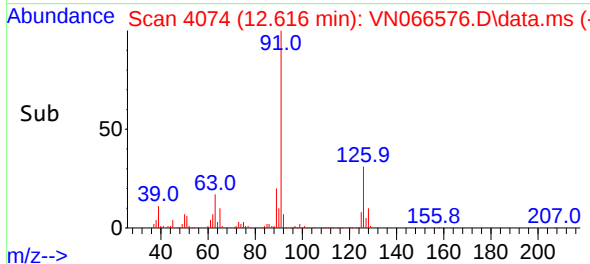
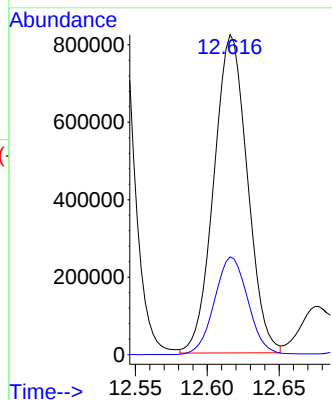
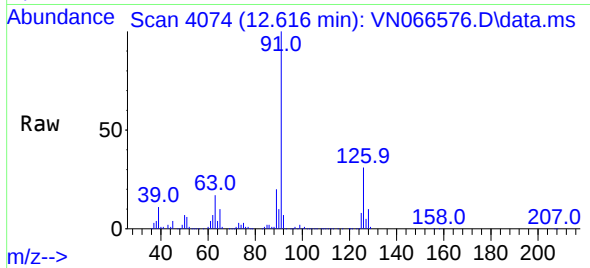
#75
2-Chlorotoluene
Concen: 135.04 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1330425
Ion Ratio Lower Upper
91 100
126 30.7 0.0 68.6

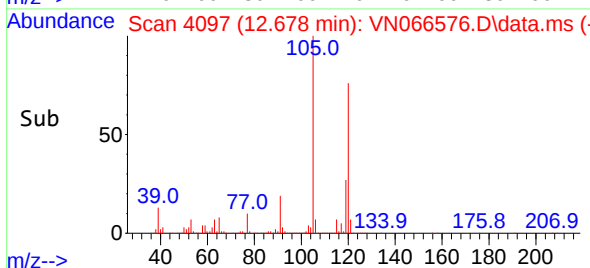
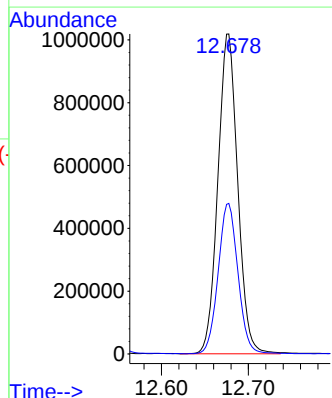
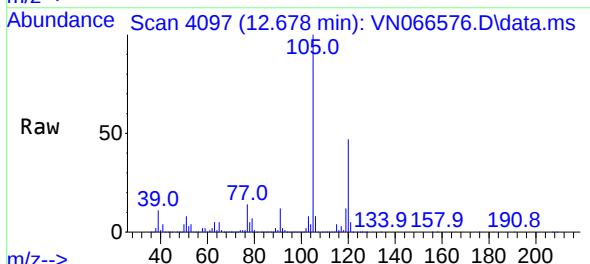
Manual Integrations
APPROVED

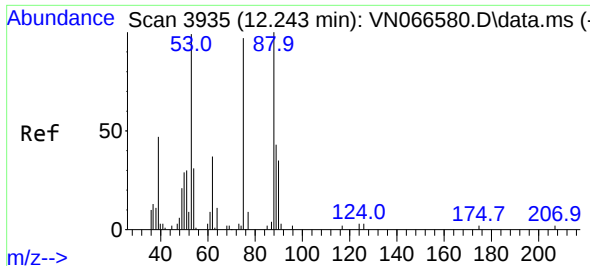
MMDadoda
4/23/2021 2:17:14 PM



#76
1,3,5-Trimethylbenzene
Concen: 134.05 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

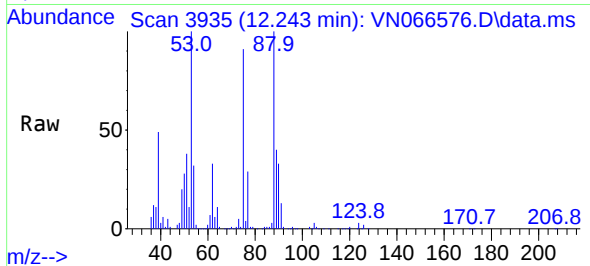
Tgt Ion: 105 Resp: 1612310
Ion Ratio Lower Upper
105 100
120 47.0 0.0 98.2





#77
t-1,4-Dichloro-2-butene
Concen: 140.22 ug/l
RT: 12.243 min Scan# 3935
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

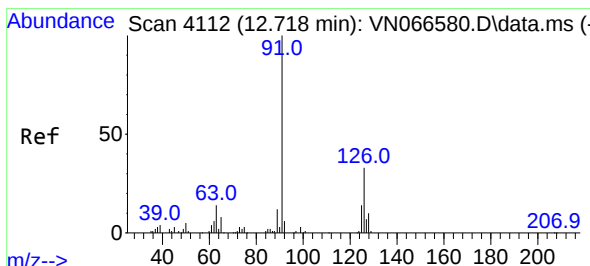
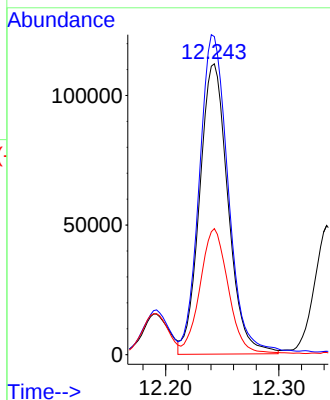
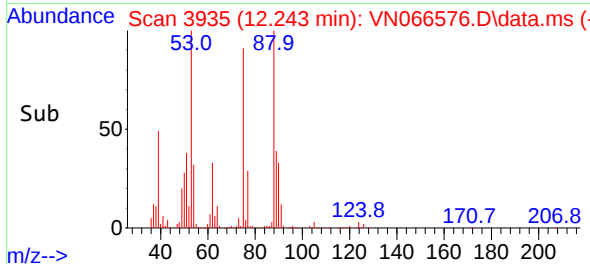
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



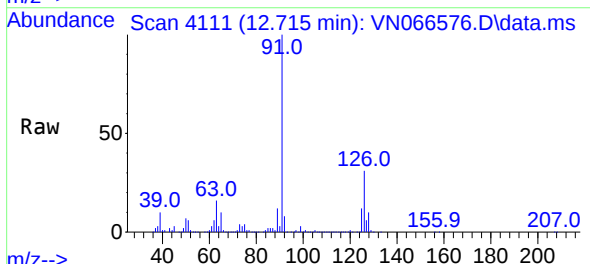
Tgt Ion: 75 Resp: 195434
Ion Ratio Lower Upper
75 100
53 108.9 49.6 149.0
89 43.2 22.9 68.7

Manual Integrations
APPROVED

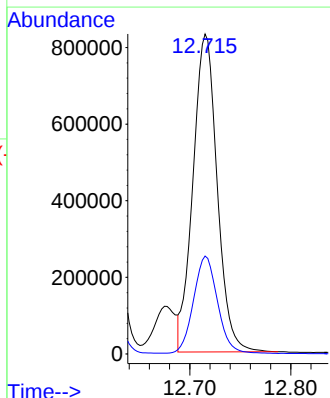
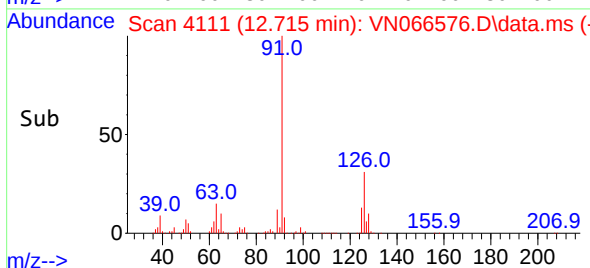
MMDadoda
4/23/2021 2:17:14 PM

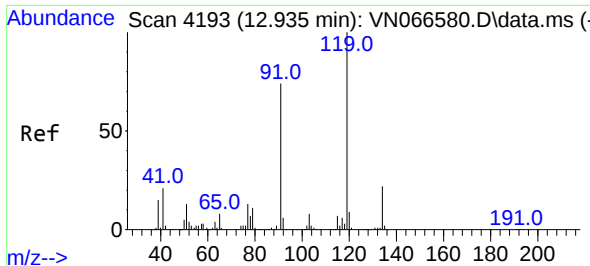


#78
4-Chlorotoluene
Concen: 142.57 ug/l
RT: 12.715 min Scan# 4111
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



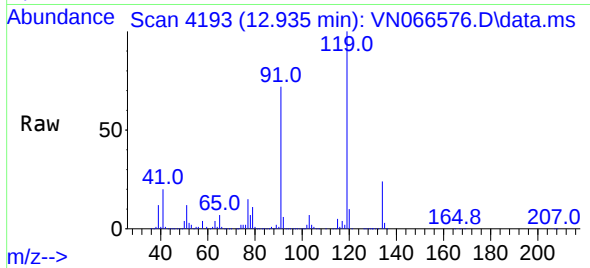
Tgt Ion: 91 Resp: 1382539
Ion Ratio Lower Upper
91 100
126 30.5 0.0 65.4





#79
tert-butylbenzene
Concen: 127.23 ug/l
RT: 12.935 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

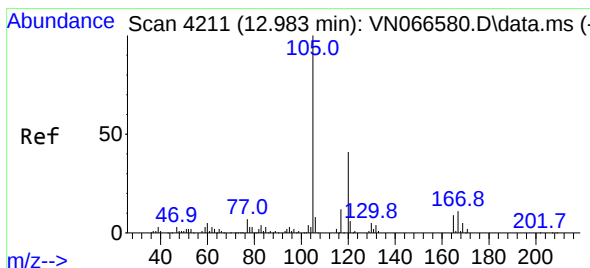
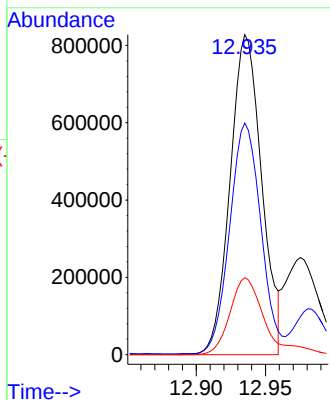
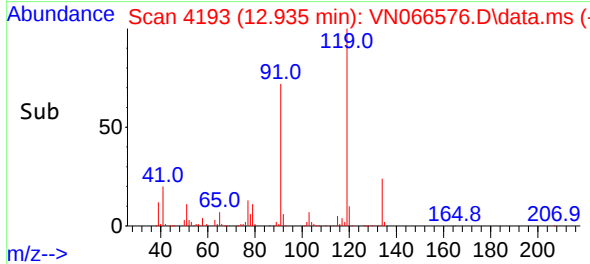
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



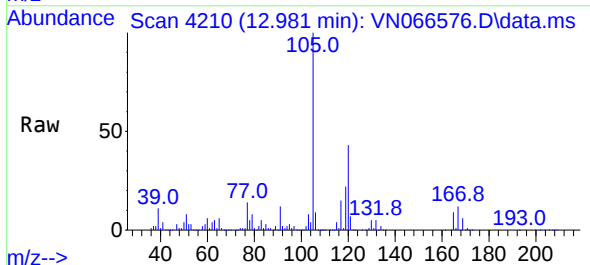
Tgt Ion:119 Resp: 1312844
Ion Ratio Lower Upper
119 100
91 71.4 0.0 133.4
134 26.5 0.0 51.0

Manual Integrations
APPROVED

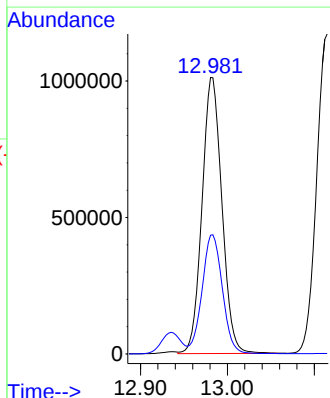
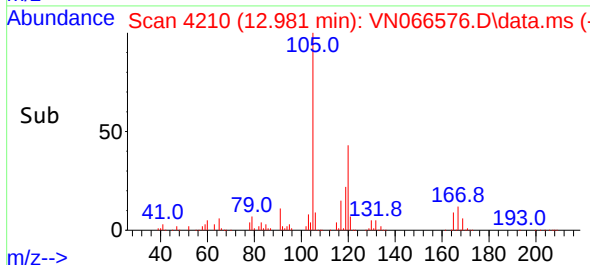
MMDadoda
4/23/2021 2:17:14 PM

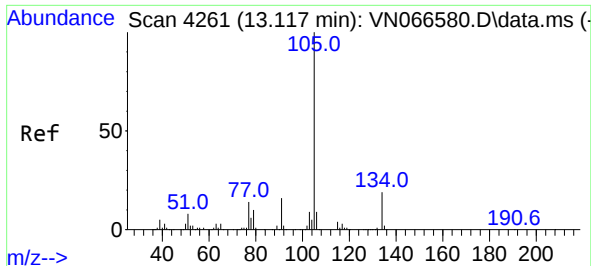


#80
1,2,4-Trimethylbenzene
Concen: 138.17 ug/l
RT: 12.981 min Scan# 4210
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



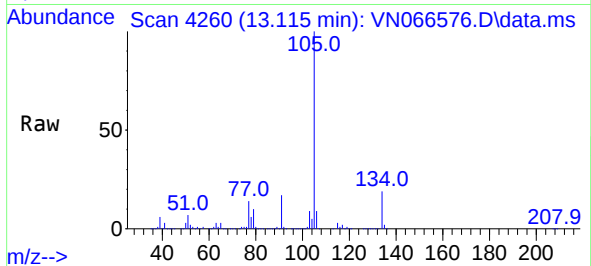
Tgt Ion:105 Resp: 1609481
Ion Ratio Lower Upper
105 100
120 43.9 0.0 90.6





#81
 sec-Butylbenzene
 Concen: 140.29 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066576.D
 Acq: 13 Apr 2021 13:43

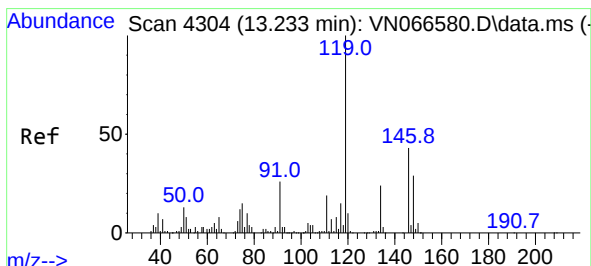
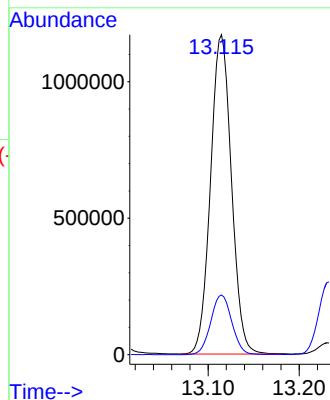
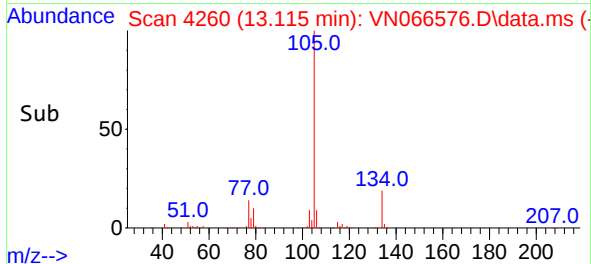
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



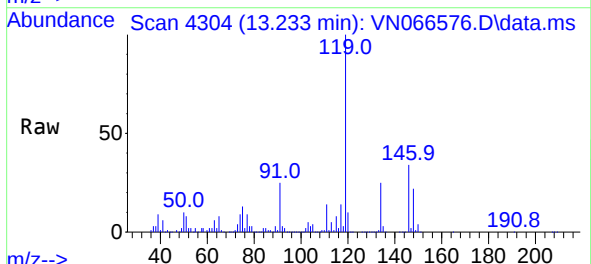
Tgt Ion:105 Resp: 1862816
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 40.0

Manual Integrations
 APPROVED

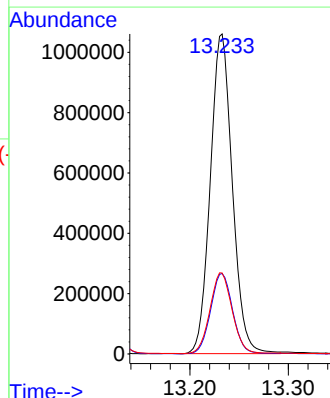
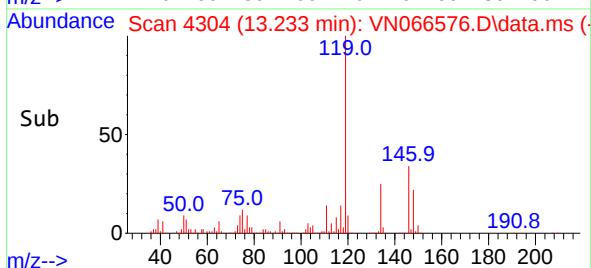
MMDadoda
 4/23/2021 2:17:14 PM

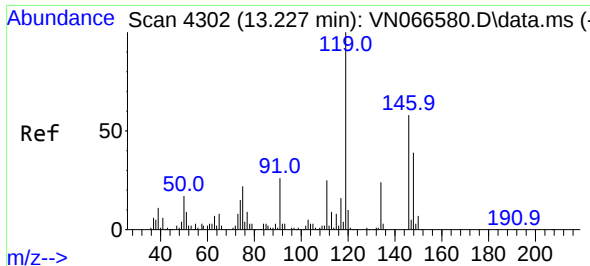


#82
 p-Isopropyltoluene
 Concen: 140.88 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066576.D
 Acq: 13 Apr 2021 13:43

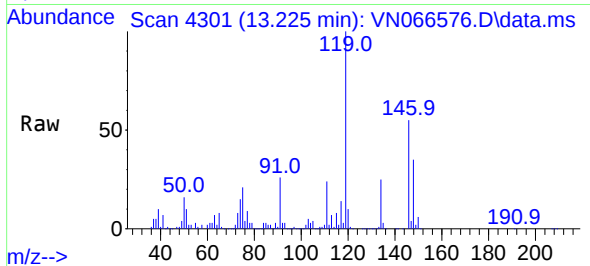


Tgt Ion:119 Resp: 1646210
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 53.4
 91 25.4 0.0 47.6

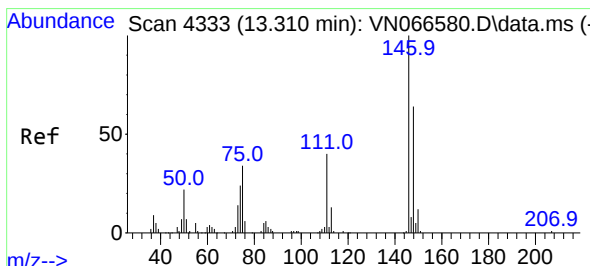
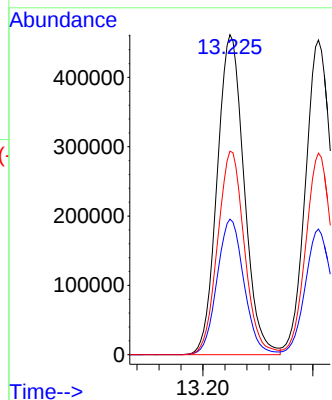
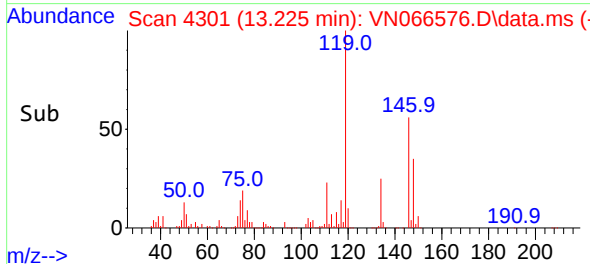




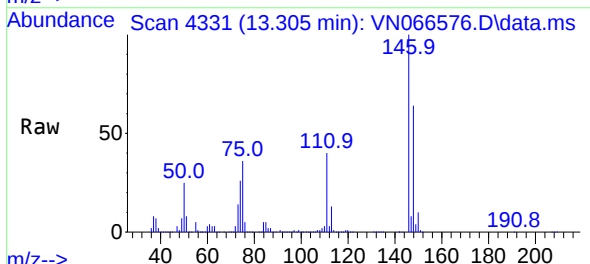
#83
1,3-Dichlorobenzene
Concen: 132.16 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



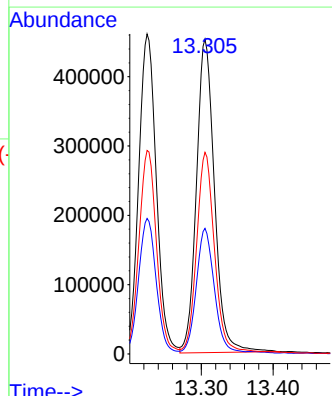
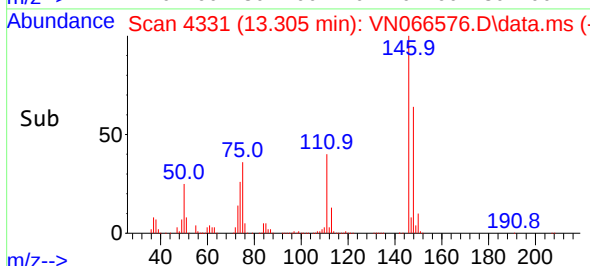
Tgt Ion:146 Resp: 786757
Ion Ratio Lower Upper
146 100
111 42.2 19.3 57.9
148 63.3 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 139.04 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



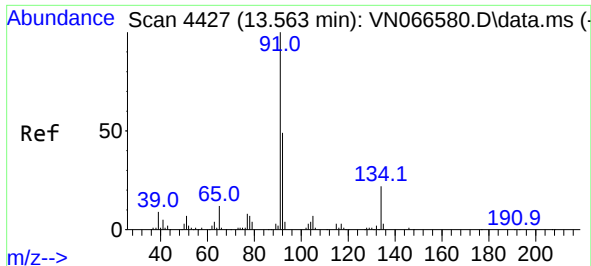
Tgt Ion:146 Resp: 791536
Ion Ratio Lower Upper
146 100
111 38.5 18.4 55.0
148 62.6 31.9 95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

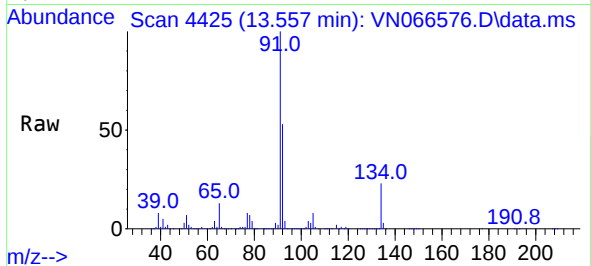
Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



#85
n-Butylbenzene
Concen: 158.66 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

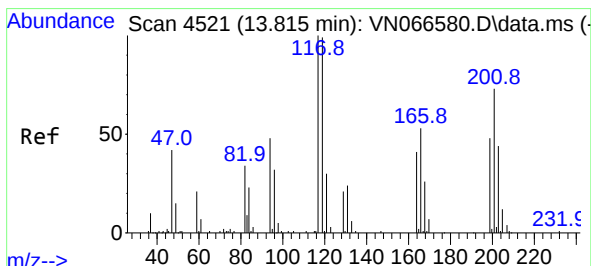
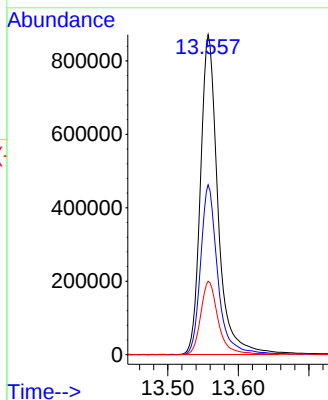
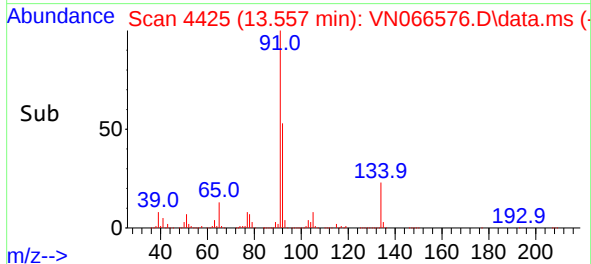
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



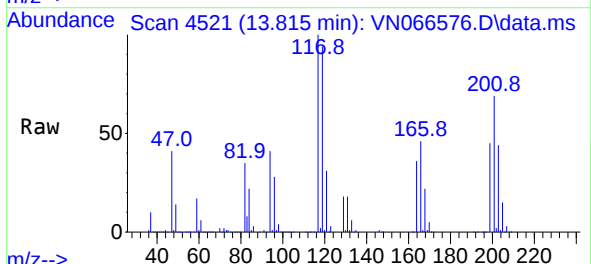
Tgt Ion: 91 Resp: 1494434
Ion Ratio Lower Upper
91 100
92 52.7 0.0 102.6
134 22.9 0.0 49.0

Manual Integrations
APPROVED

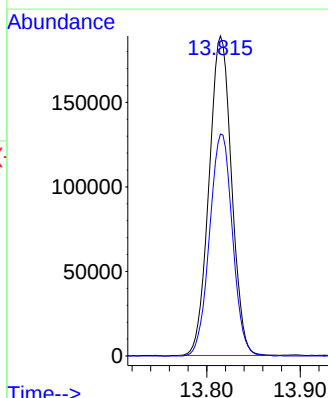
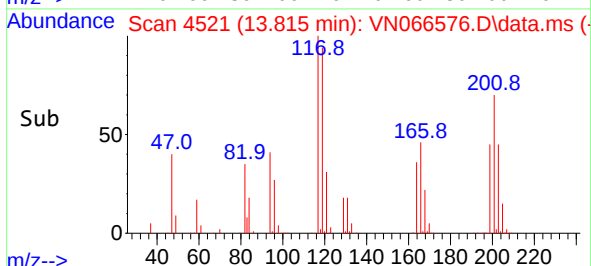
MMDadoda
4/23/2021 2:17:14 PM

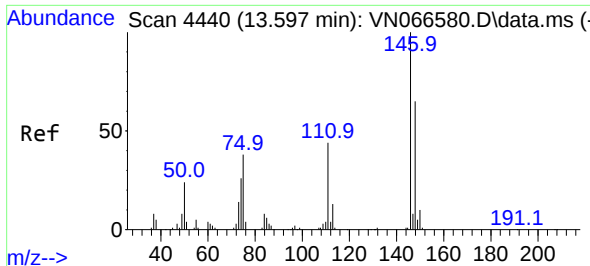


#86
Hexachloroethane
Concen: 141.21 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



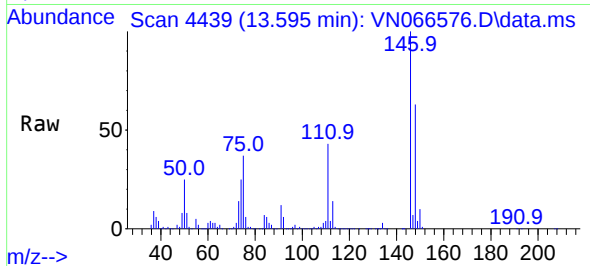
Tgt Ion: 117 Resp: 317360
Ion Ratio Lower Upper
117 100
201 70.5 43.3 129.8





#87
1,2-Dichlorobenzene
Concen: 130.98 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

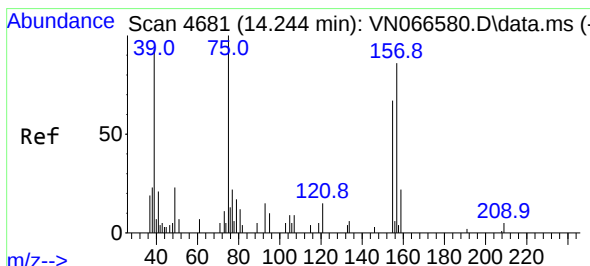
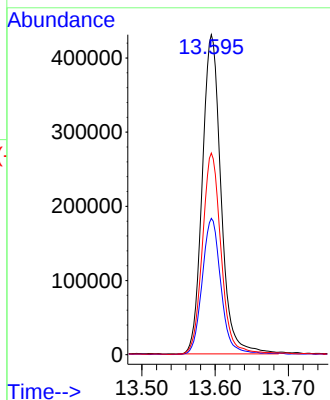
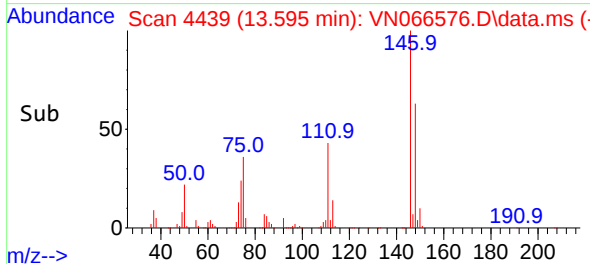
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



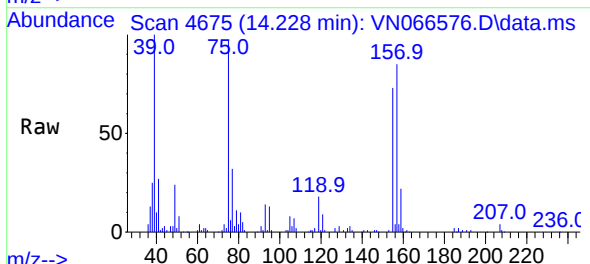
Tgt Ion:146 Resp: 766438
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 62.8 32.0 96.0

Manual Integrations
APPROVED

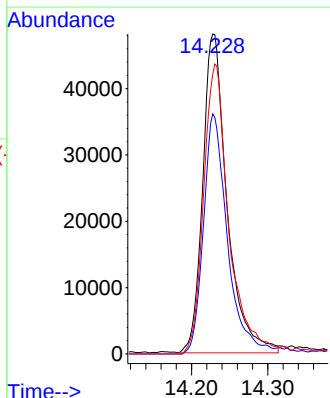
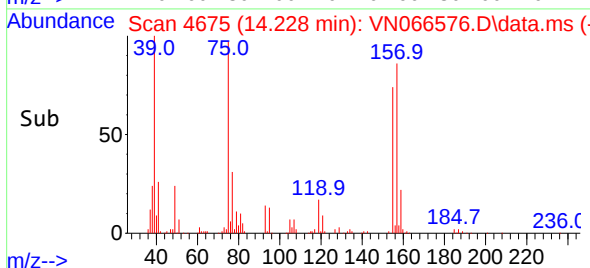
MMDadoda
4/23/2021 2:17:14 PM

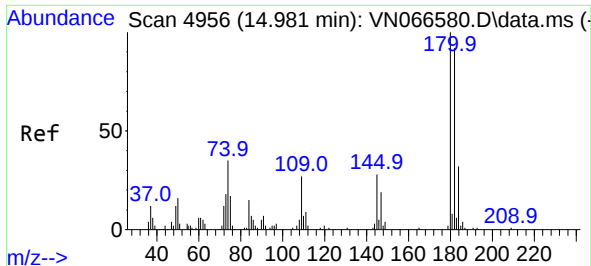


#88
1,2-Dibromo-3-Chloropropane
Concen: 113.17 ug/l
RT: 14.228 min Scan# 4675
Delta R.T. -0.006 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion: 75 Resp: 106968
Ion Ratio Lower Upper
75 100
155 72.9 68.3 102.5
157 92.2 87.8 131.6





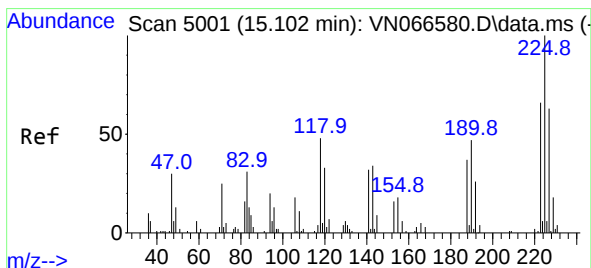
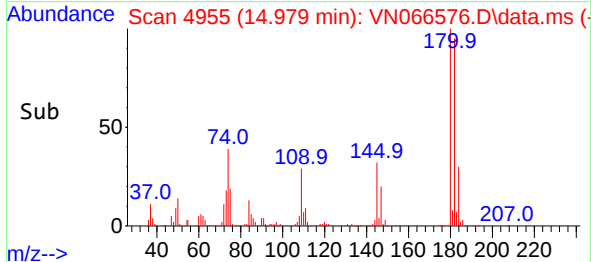
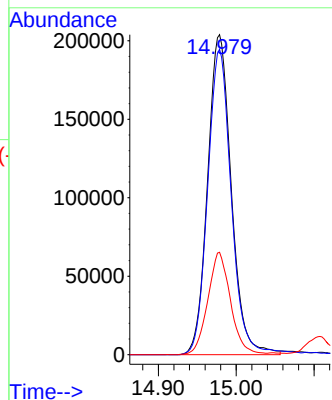
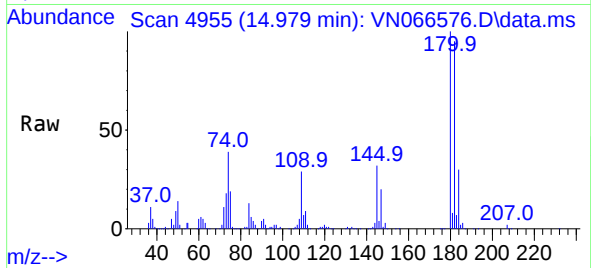
#89
1,2,4-Trichlorobenzene
Concen: 119.96 ug/l
RT: 14.979 min Scan# 4955
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

Tgt Ion:180 Resp: 431169
Ion Ratio Lower Upper
180 100
182 95.4 74.3 111.5
145 30.8 23.4 35.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

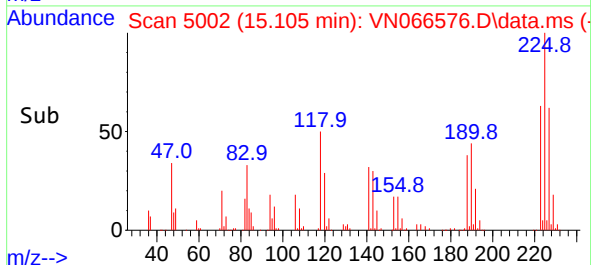
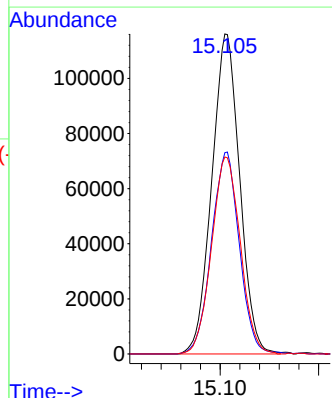
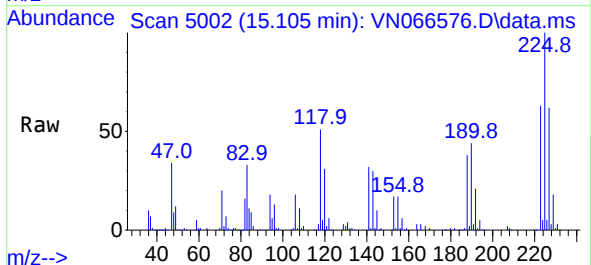
Manual Integrations
APPROVED

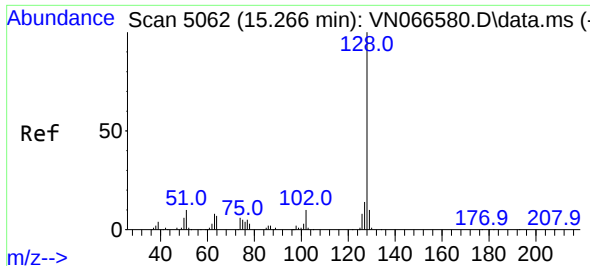
MMDadoda
4/23/2021 2:17:14 PM



#90
Hexachlorobutadiene
Concen: 113.19 ug/l
RT: 15.105 min Scan# 5002
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

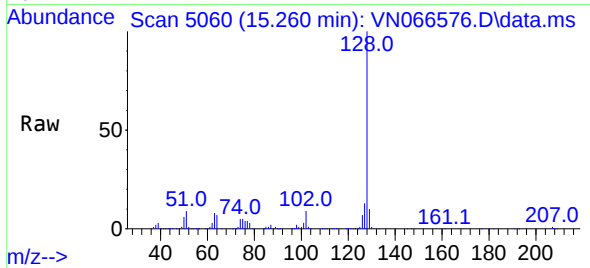
Tgt Ion:225 Resp: 228751
Ion Ratio Lower Upper
225 100
223 62.8 0.0 124.6
227 63.4 0.0 126.6





#91
Naphthalene
Concen: 110.87 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43

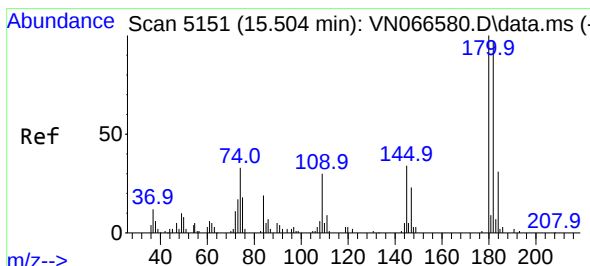
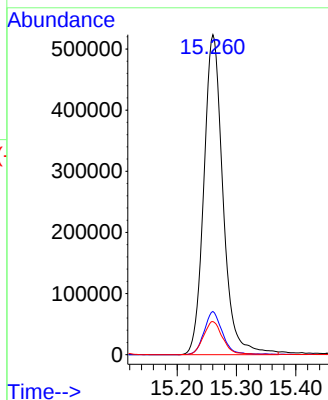
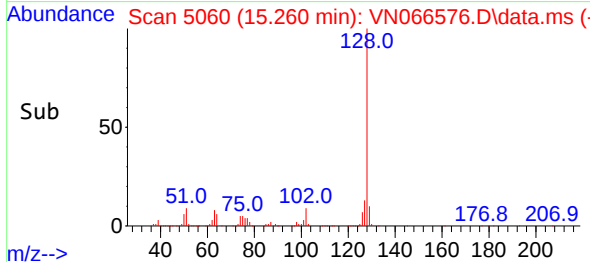
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



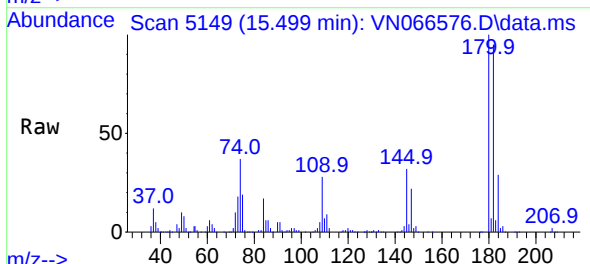
Tgt Ion:128 Resp: 1173748
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.5 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:17:14 PM



#92
1,2,3-Trichlorobenzene
Concen: 115.19 ug/l
RT: 15.499 min Scan# 5149
Delta R.T. -0.003 min
Lab File: VN066576.D
Acq: 13 Apr 2021 13:43



Tgt Ion:180 Resp: 407417
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.0
145 32.9 0.0 60.8

