

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068410.D
 Acq On : 22 Feb 2021 09:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

2/23/2021 1:04:47 PM

Quant Time: Feb 22 15:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	388455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	665701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	599140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	271850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	214274	53.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.92%			
35) Dibromofluoromethane	7.920	113	226501	57.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.64%			
50) Toluene-d8	10.338	98	904316	55.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.44%			
62) 4-Bromofluorobenzene	12.632	95	289938	54.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	160210	45.01	ug/l	93
3) Chloromethane	2.209	50	193470	45.65	ug/l	100
4) Vinyl Chloride	2.350	62	239379	47.18	ug/l	97
5) Bromomethane	2.767	94	159899	44.09	ug/l	94
6) Chloroethane	2.920	64	158260	47.76	ug/l	97
7) Trichlorofluoromethane	3.273	101	295919	47.39	ug/l	98
8) Diethyl Ether	3.709	74	86816	47.34	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	185225	48.74	ug/l	94
10) Methyl Iodide	4.303	142	169732	47.56	ug/l	93
11) Tert butyl alcohol	5.226	59	60947	306.12	ug/l	97
12) 1,1-Dichloroethene	4.067	96	174587	47.26	ug/l	95
13) Acrolein	3.926	56	63878	280.58	ug/l	99
14) Allyl chloride	4.714	41	232194	48.34	ug/l	97
15) Acrylonitrile	5.420	53	189594	239.53	ug/l	99
16) Acetone	4.156	43	182384	297.68	ug/l #	88
17) Carbon Disulfide	4.409	76	473343	44.24	ug/l	99
18) Methyl Acetate	4.720	43	78758	46.84	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	402364	48.27	ug/l	93
20) Methylene Chloride	4.961	84	205966	48.27	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	200542	46.90	ug/l	94
22) Diisopropyl ether	6.361	45	511475	48.12	ug/l	94
23) Vinyl Acetate	6.303	43	1349422	245.86	ug/l	99
24) 1,1-Dichloroethane	6.267	63	355987	48.94	ug/l	99
25) 2-Butanone	7.214	43	216899	253.19	ug/l	97
26) 2,2-Dichloropropane	7.208	77	318158	51.14	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	236328	48.62	ug/l	96
28) Bromochloromethane	7.550	49	154147	51.10	ug/l	81
29) Tetrahydrofuran	7.561	42	130246	235.05	ug/l	98
30) Chloroform	7.714	83	373049	49.31	ug/l	96
31) Cyclohexane	7.985	56	292002	49.39	ug/l	93
32) 1,1,1-Trichloroethane	7.902	97	321811	49.23	ug/l	96
36) 1,1-Dichloropropene	8.108	75	278452	47.28	ug/l	97
37) Ethyl Acetate	7.297	43	93451	46.96	ug/l	97
38) Carbon Tetrachloride	8.091	117	277506	49.40	ug/l	93
39) Methylcyclohexane	9.355	83	342277	47.38	ug/l	98
40) Benzene	8.349	78	814779	48.51	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068410.D
 Acq On : 22 Feb 2021 09:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

2/23/2021 1:04:47 PM

Quant Time: Feb 22 15:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	58602	51.16	ug/l	96
42) 1,2-Dichloroethane	8.426	62	216930	48.41	ug/l	98
43) Isopropyl Acetate	8.449	43	184024	48.29	ug/l	98
44) Trichloroethene	9.114	130	225316	49.29	ug/l	99
45) 1,2-Dichloropropane	9.385	63	201638	49.19	ug/l	98
46) Dibromomethane	9.473	93	105511	47.45	ug/l	95
47) Bromodichloromethane	9.661	83	281689	48.86	ug/l	97
48) Methyl methacrylate	9.455	41	86108	45.28	ug/l #	86
49) 1,4-Dioxane	9.461	88	24749	952.66	ug/l	91
51) 4-Methyl-2-Pentanone	10.232	43	477206	243.82	ug/l	99
52) Toluene	10.402	92	521932	48.33	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	264051	49.49	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	315042	48.33	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	151927	49.46	ug/l	93
56) Ethyl methacrylate	10.661	69	178914	49.09	ug/l	97
57) 1,3-Dichloropropane	10.949	76	258227	47.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	513045	262.88	ug/l	93
59) 2-Hexanone	10.985	43	355202	268.47	ug/l	98
60) Dibromochloromethane	11.143	129	187182	49.11	ug/l	100
61) 1,2-Dibromoethane	11.249	107	146465	49.34	ug/l	99
64) Tetrachloroethene	10.879	164	175314	47.55	ug/l	98
65) Chlorobenzene	11.673	112	562770	48.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	199034	49.52	ug/l	96
67) Ethyl Benzene	11.743	91	1024020	49.58	ug/l	96
68) m/p-Xylenes	11.855	106	769768	98.61	ug/l	100
69) o-Xylene	12.179	106	353962	49.42	ug/l	96
70) Styrene	12.196	104	616515	49.49	ug/l	100
71) Bromoform	12.361	173	100489	48.66	ug/l #	99
73) Isopropylbenzene	12.479	105	988232	49.77	ug/l	100
74) N-amyl acetate	12.285	43	174344	49.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	168523	48.97	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	119890m	46.35	ug/l	
77) Bromobenzene	12.761	156	215201	48.51	ug/l	89
78) n-propylbenzene	12.820	91	1169204	49.19	ug/l	98
79) 2-Chlorotoluene	12.908	91	643195	48.86	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	805447	49.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	53934	52.26	ug/l	95
82) 4-Chlorotoluene	13.002	91	676131	48.58	ug/l	98
83) tert-Butylbenzene	13.220	119	705133	50.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	805021	49.80	ug/l	98
85) sec-Butylbenzene	13.396	105	990567	50.32	ug/l	98
86) p-Isopropyltoluene	13.514	119	896258	50.71	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	420677	49.02	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	413426	48.41	ug/l	99
89) n-Butylbenzene	13.837	91	864204	50.11	ug/l	98
90) Hexachloroethane	14.108	117	163694	51.01	ug/l	91
91) 1,2-Dichlorobenzene	13.884	146	366131	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24995	49.68	ug/l	84
93) 1,2,4-Trichlorobenzene	15.161	180	240805	49.41	ug/l	97
94) Hexachlorobutadiene	15.261	225	135097	50.39	ug/l	99
95) Naphthalene	15.396	128	447496	49.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	211209	49.68	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
Data File : VD068410.D
Acq On : 22 Feb 2021 09:54
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

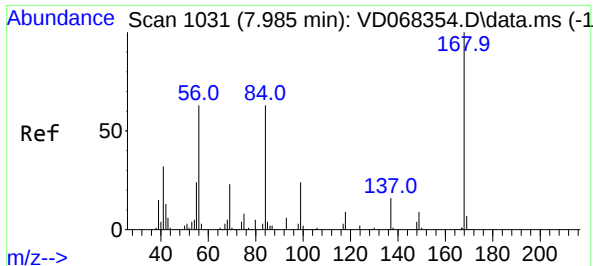
MMDadoda

2/23/2021 1:04:47 PM

Quant Time: Feb 22 15:15:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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



Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

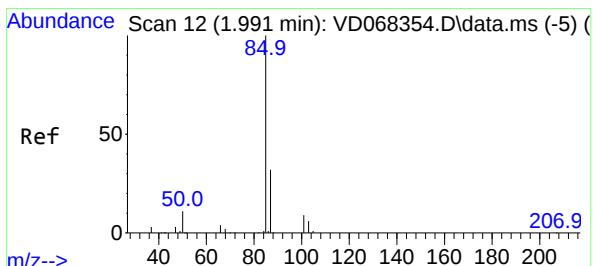
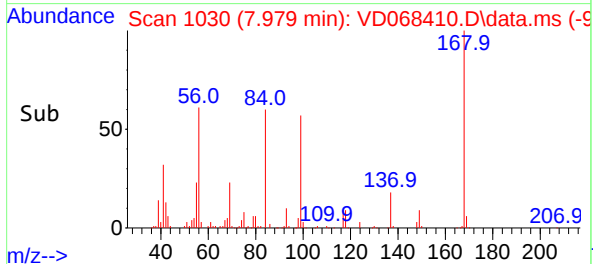
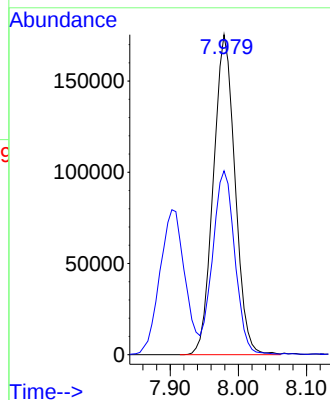
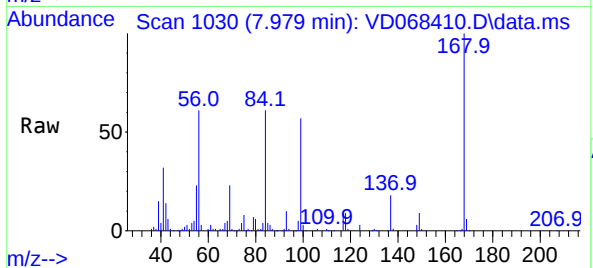
Tgt Ion:168 Resp: 388455
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

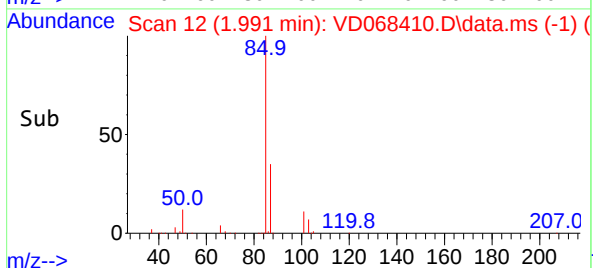
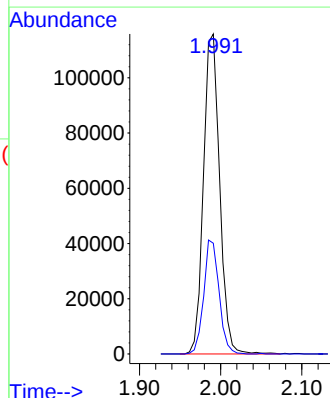
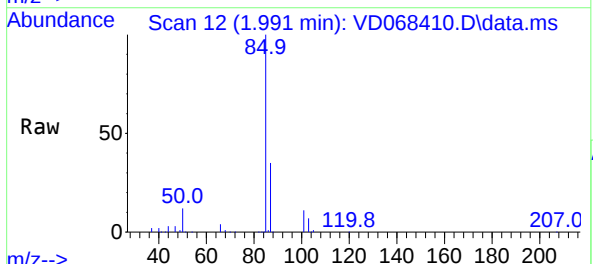
MMDadoda

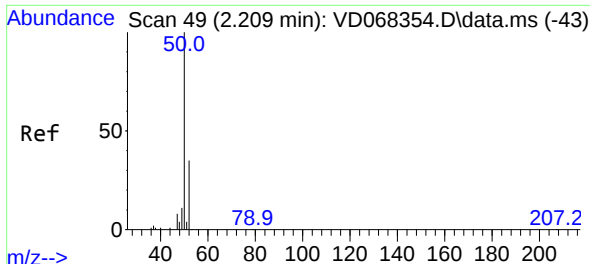
2/23/2021 1:04:47 PM



Dichlorodifluoromethane
Concen: 45.01 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

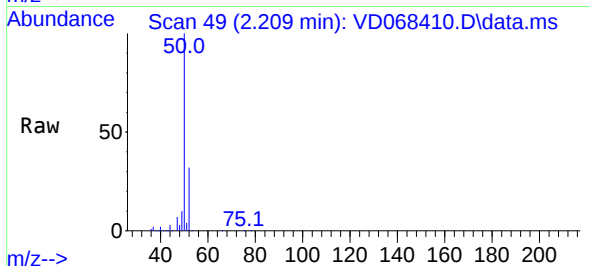
Tgt Ion: 85 Resp: 160210
Ion Ratio Lower Upper
85 100
87 34.6 15.4 46.1



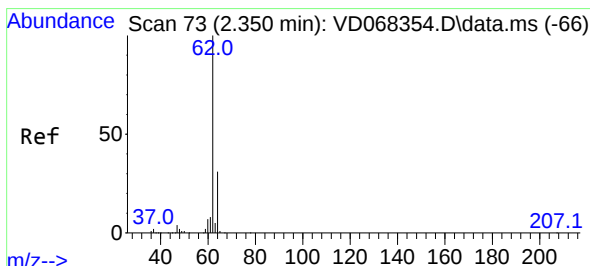
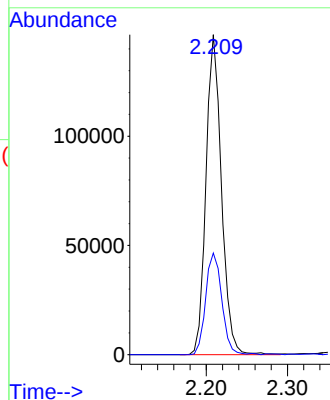
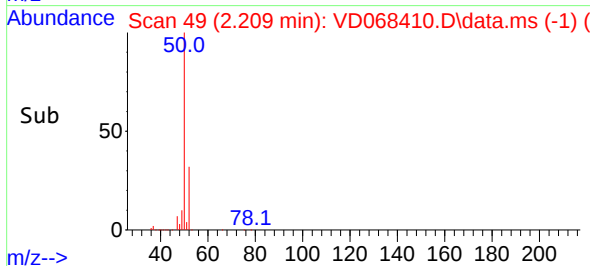


#3
Chloromethane
Concen: 45.65 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

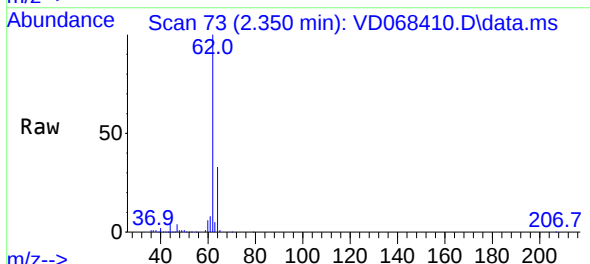
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



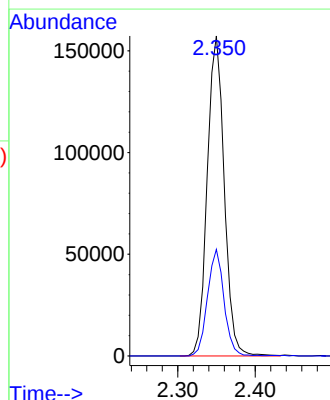
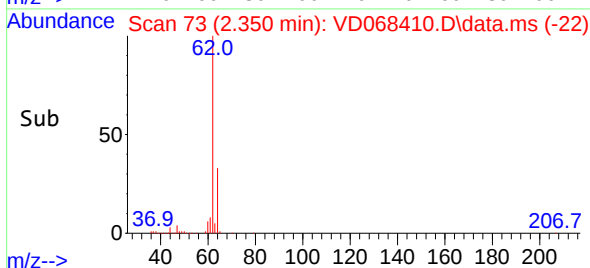
Tgt Ion: 50 Resp: 193470
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

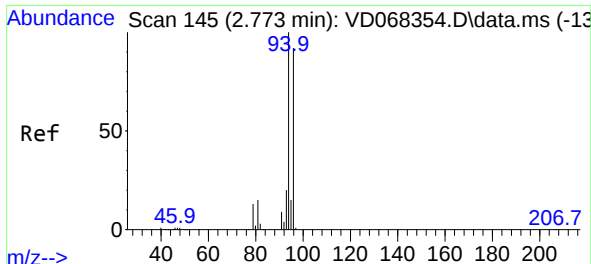


#4
Vinyl Chloride
Concen: 47.18 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

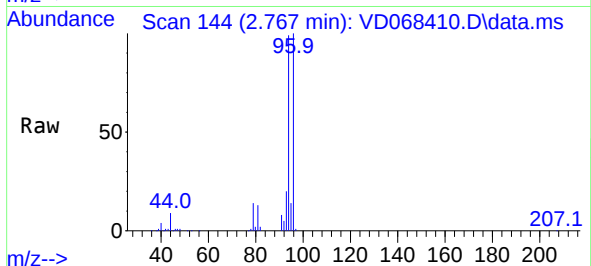


Tgt Ion: 62 Resp: 239379
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.2

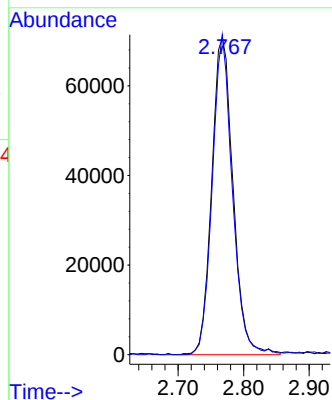




#5
Bromomethane
Concen: 44.09 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 94 Resp: 159899
Ion Ratio Lower Upper
94 100
96 100.8 75.8 113.8

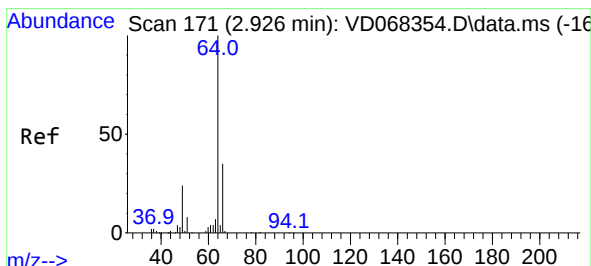
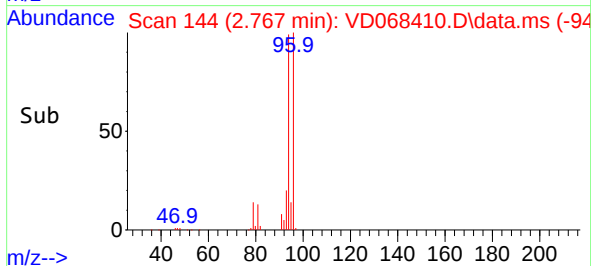


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

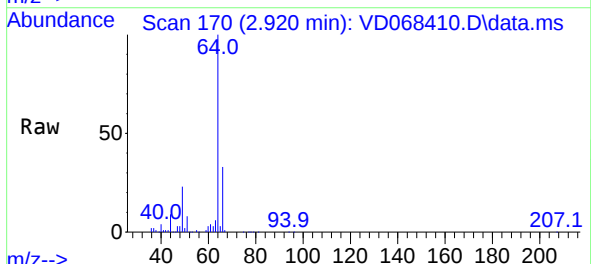
Manual Integrations
APPROVED

MMDadoda

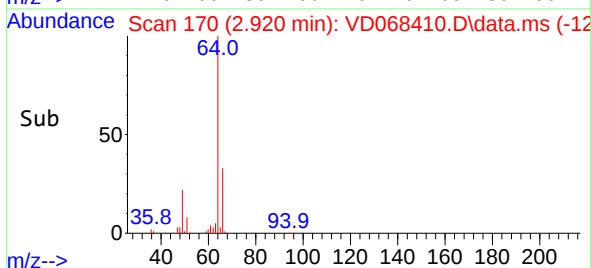
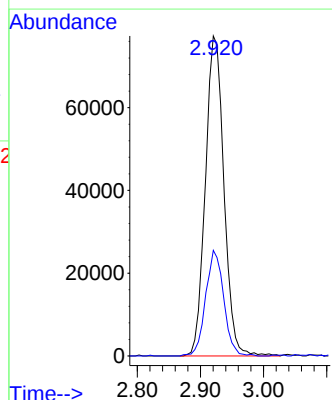
2/23/2021 1:04:47 PM

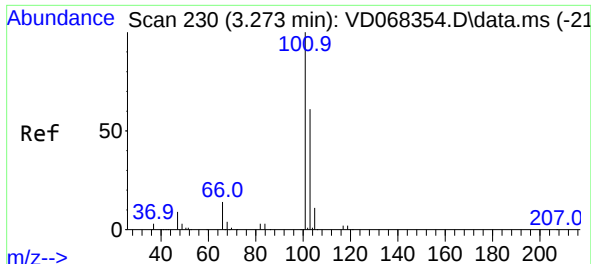


#6
Chloroethane
Concen: 47.76 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



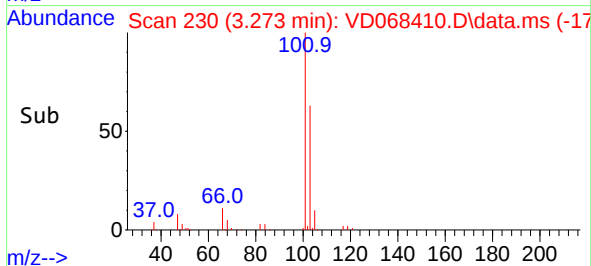
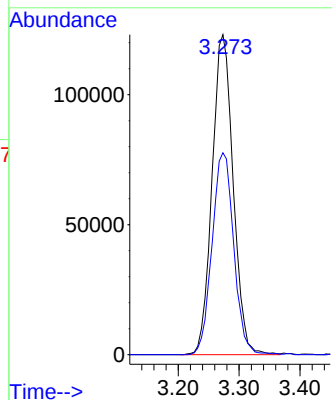
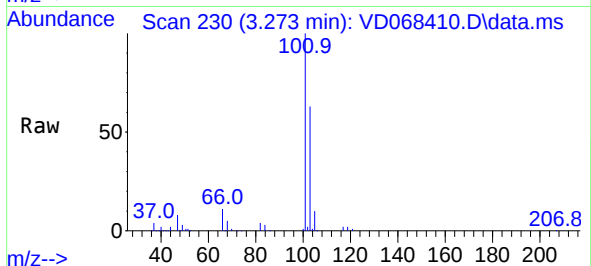
Tgt Ion: 64 Resp: 158260
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.39 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion:101 Resp: 295919
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

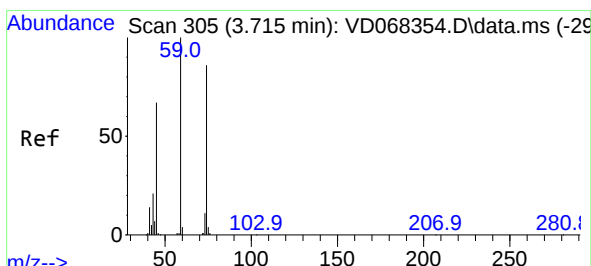


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

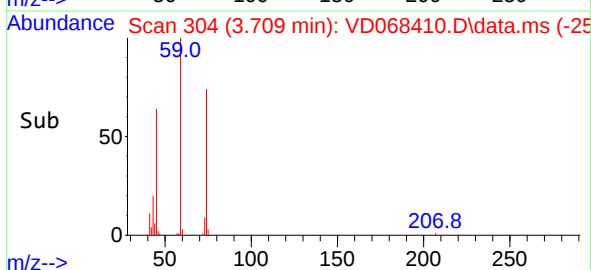
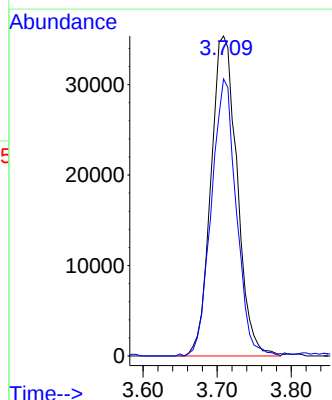
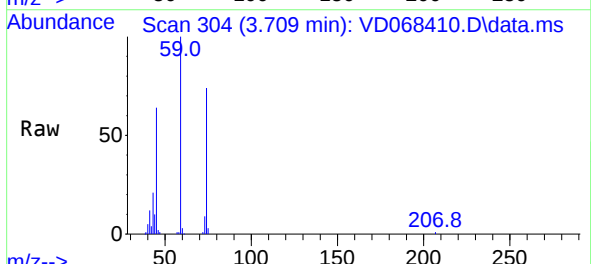
MMDadoda

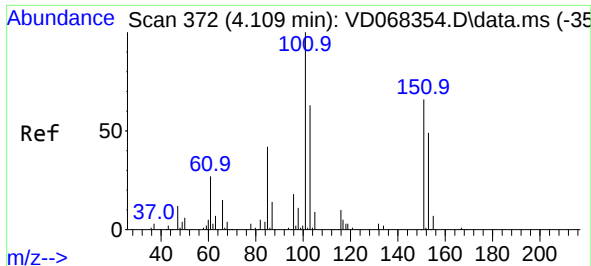
2/23/2021 1:04:47 PM



#8
Diethyl Ether
Concen: 47.34 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 74 Resp: 86816
Ion Ratio Lower Upper
74 100
45 82.6 42.1 126.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.74 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

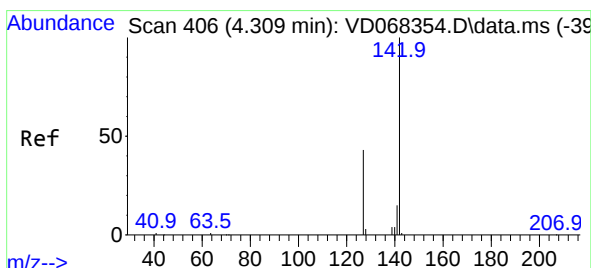
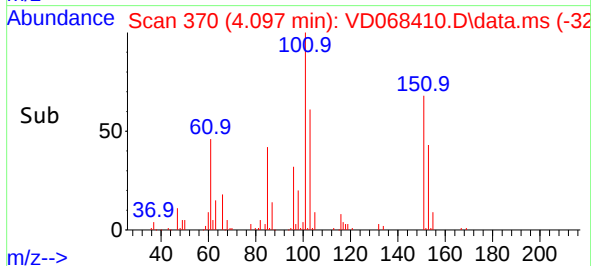
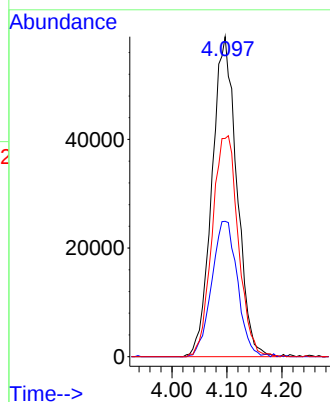
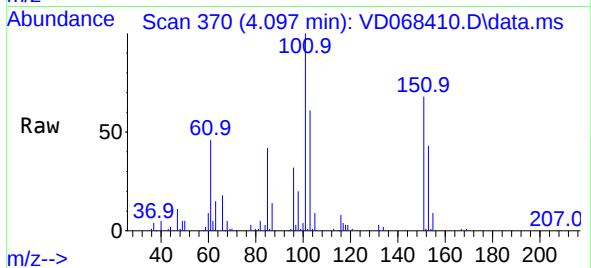
Tgt Ion:101 Resp: 185225
Ion Ratio Lower Upper
101 100
85 43.8 34.0 51.0
151 72.5 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

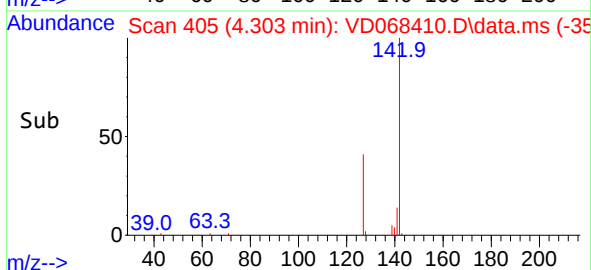
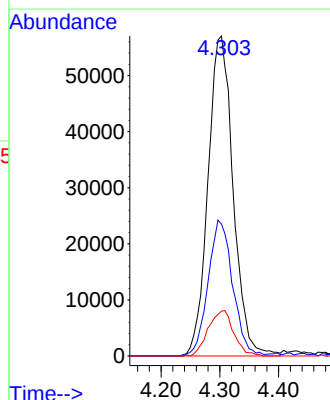
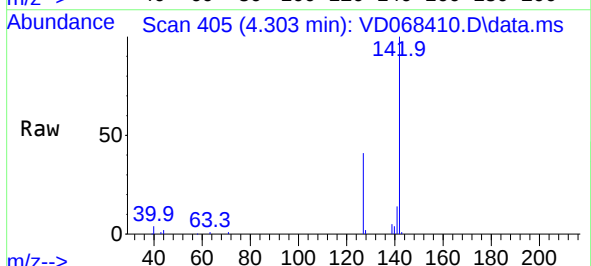
MMDadoda

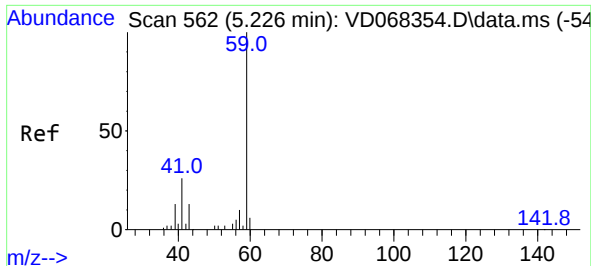
2/23/2021 1:04:47 PM



#10
Methyl Iodide
Concen: 47.56 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

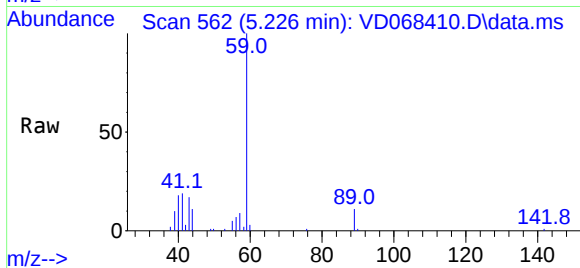
Tgt Ion:142 Resp: 169732
Ion Ratio Lower Upper
142 100
127 41.5 37.9 56.9
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 306.12 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

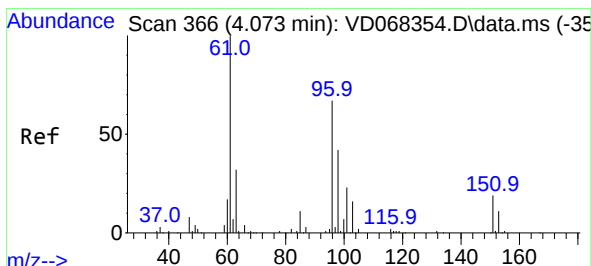
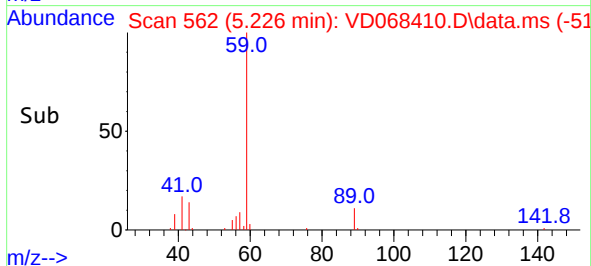
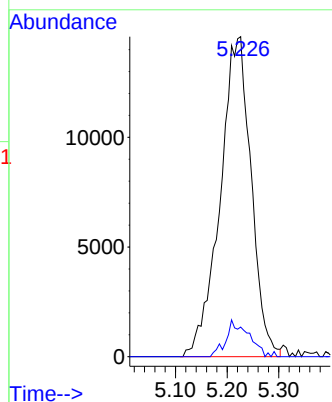


Tgt Ion: 59 Resp: 60947
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.2

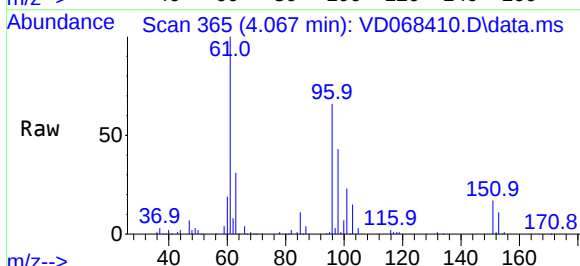
Manual Integrations
APPROVED

MMDadoda

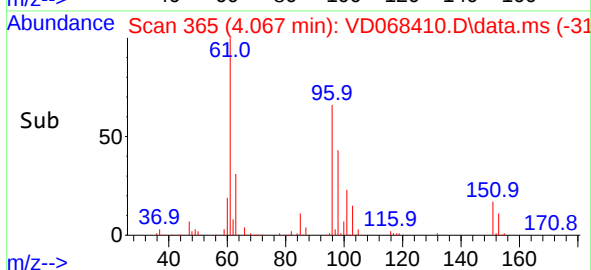
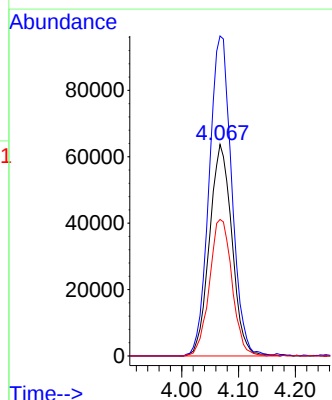
2/23/2021 1:04:47 PM

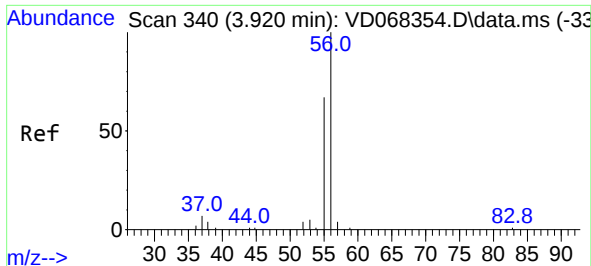


#12
1,1-Dichloroethene
Concen: 47.26 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 96 Resp: 174587
Ion Ratio Lower Upper
96 100
61 151.3 116.2 174.4
98 64.6 48.6 73.0





#13
Acrolein
Concen: 280.58 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

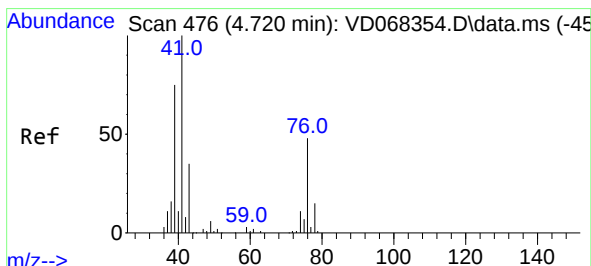
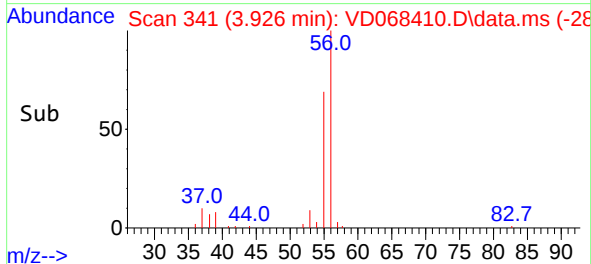
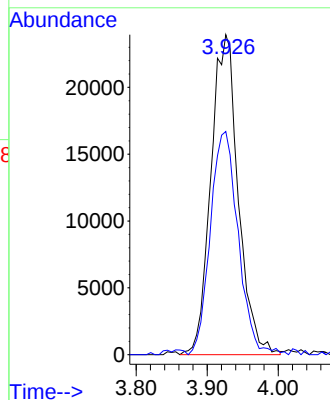
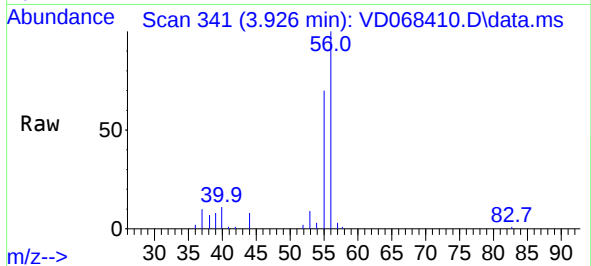
Tgt Ion: 56 Resp: 63878
Ion Ratio Lower Upper
56 100
55 71.1 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

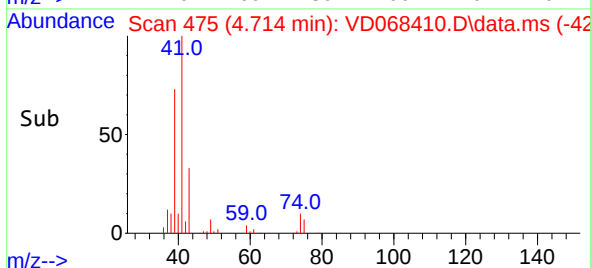
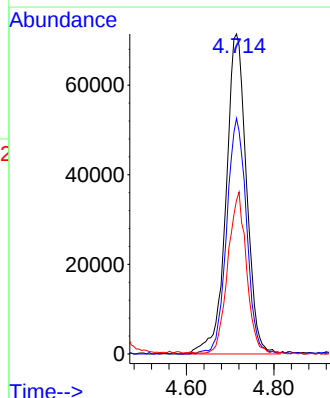
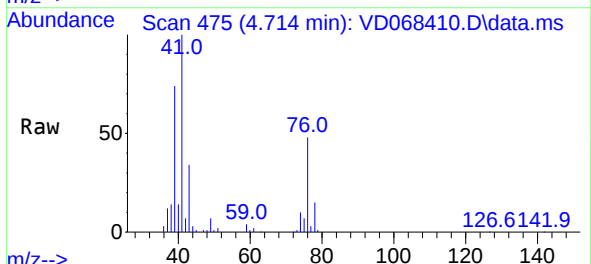
MMDadoda

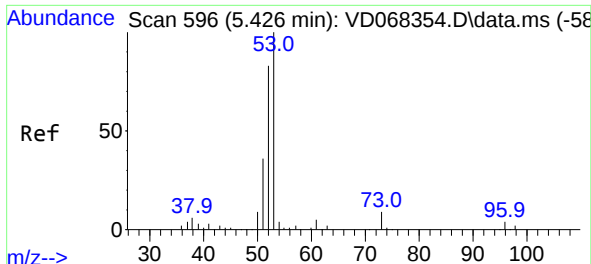
2/23/2021 1:04:47 PM



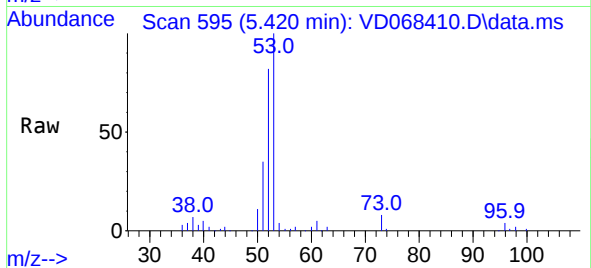
#14
Allyl chloride
Concen: 48.34 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 41 Resp: 232194
Ion Ratio Lower Upper
41 100
39 71.3 56.3 84.5
76 45.4 38.9 58.3

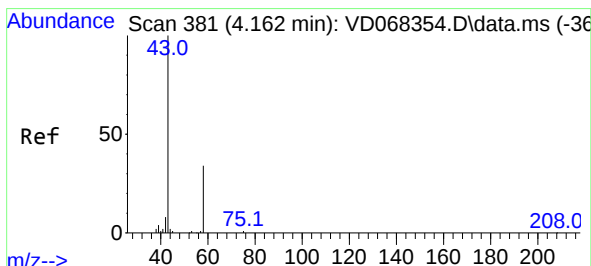
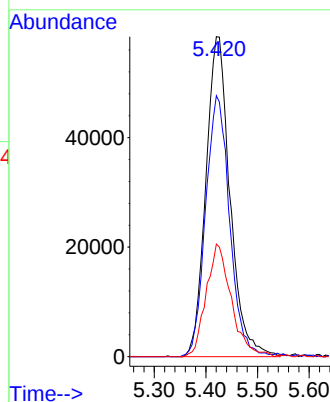
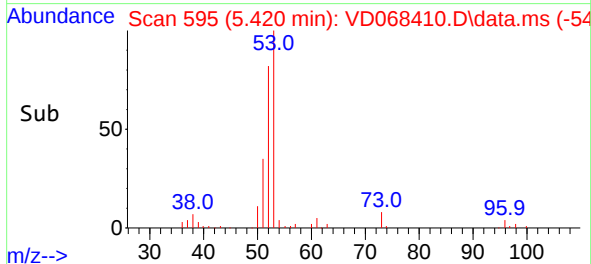




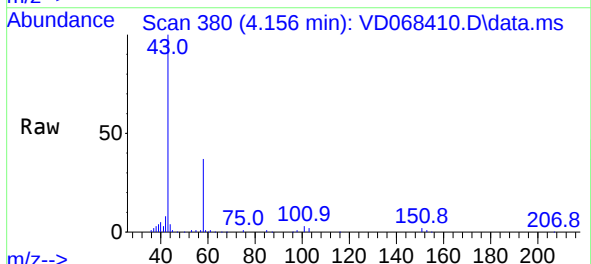
#15
Acrylonitrile
Concen: 239.53 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



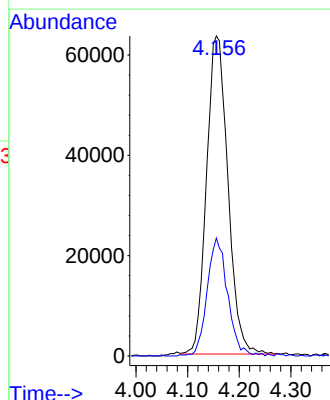
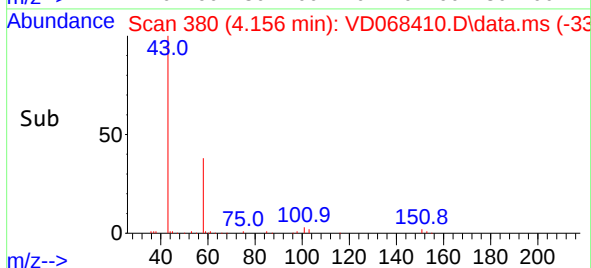
Tgt Ion: 53 Resp: 189594
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.2
51 36.6 29.0 43.4



#16
Acetone
Concen: 297.68 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 43 Resp: 182384
Ion Ratio Lower Upper
43 100
58 36.7 24.2 36.4#

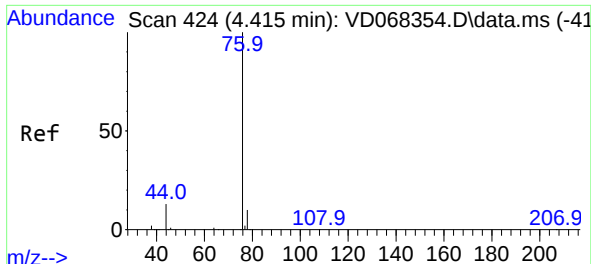


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

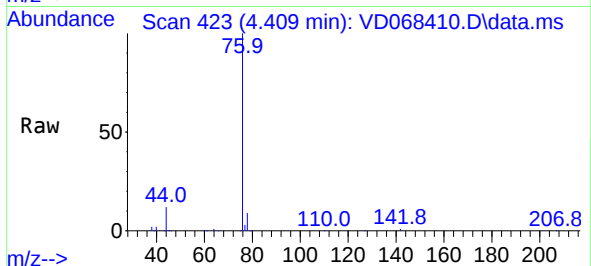
MMDadoda

2/23/2021 1:04:47 PM



#17
Carbon Disulfide
Concen: 44.24 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

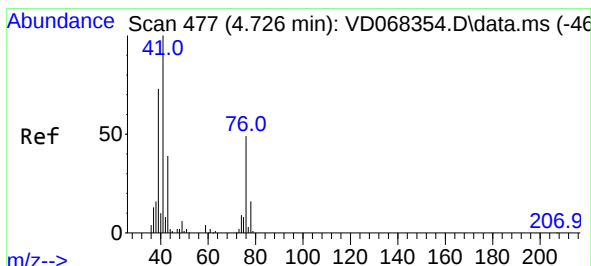
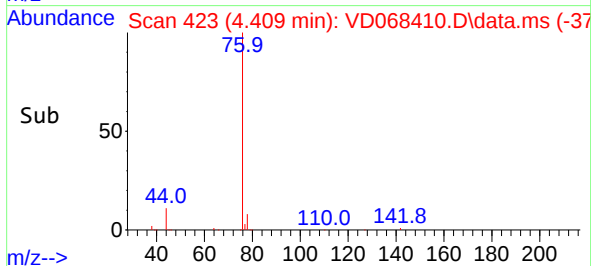
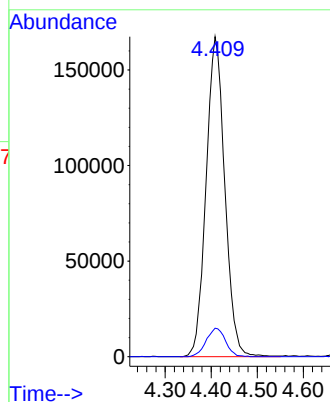


Tgt Ion: 76 Resp: 473343
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

Manual Integrations
APPROVED

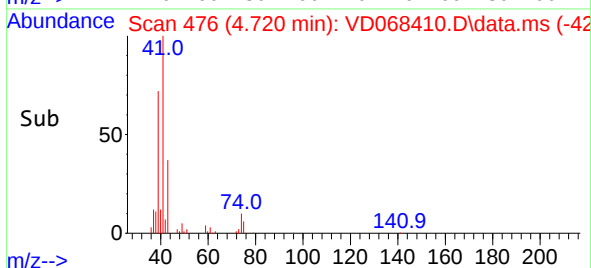
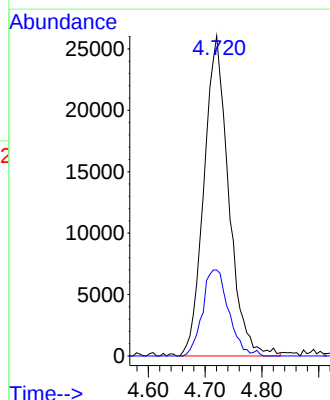
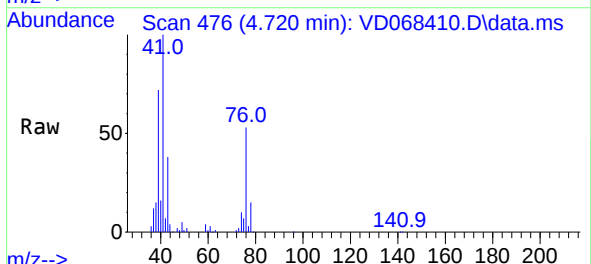
MMDadoda

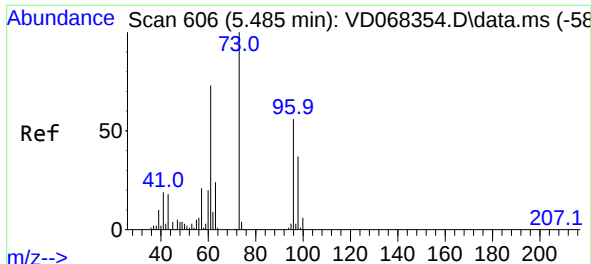
2/23/2021 1:04:47 PM



#18
Methyl Acetate
Concen: 46.84 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

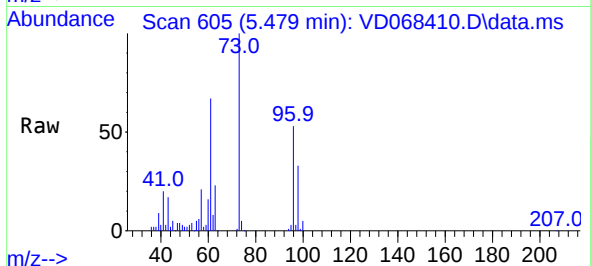
Tgt Ion: 43 Resp: 78758
Ion Ratio Lower Upper
43 100
74 28.5 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 48.27 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

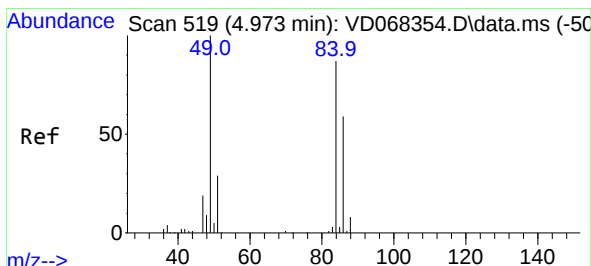
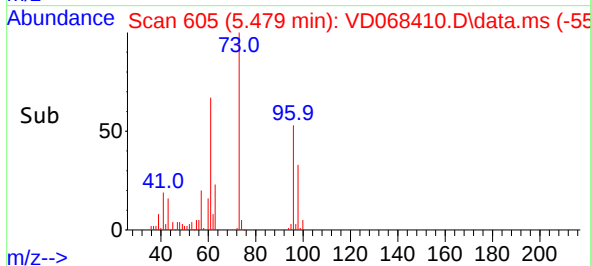
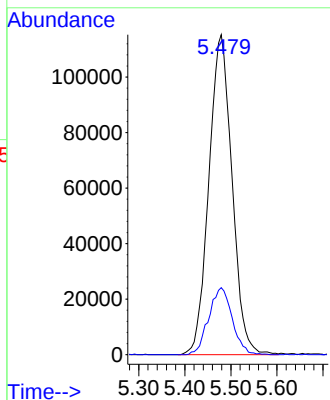


Tgt Ion: 73 Resp: 402364
Ion Ratio Lower Upper
73 100
57 20.9 14.4 21.6

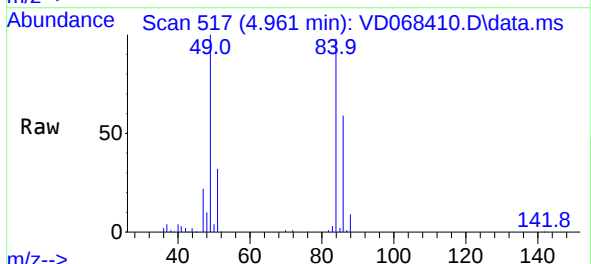
Manual Integrations
APPROVED

MMDadoda

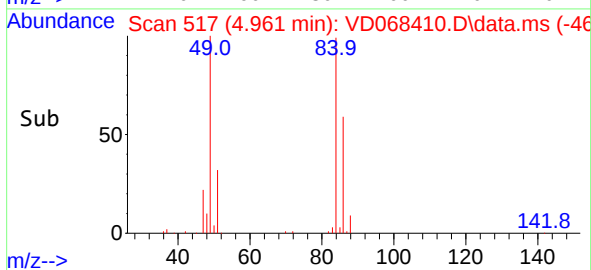
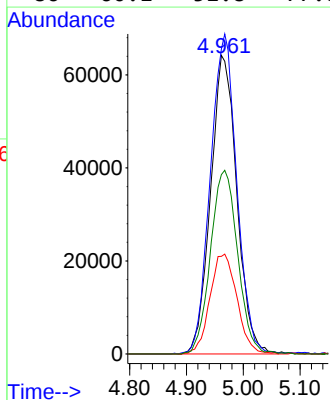
2/23/2021 1:04:47 PM

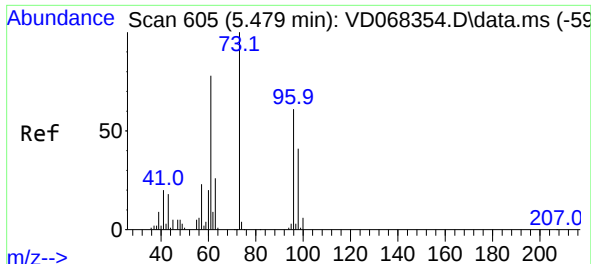


#20
Methylene Chloride
Concen: 48.27 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



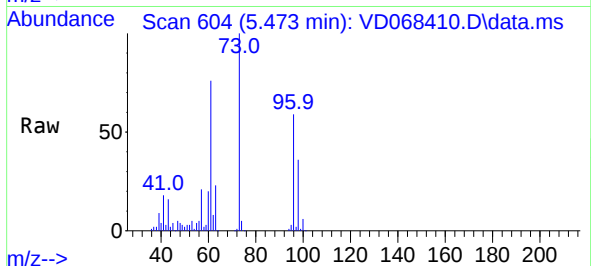
Tgt Ion: 84 Resp: 205966
Ion Ratio Lower Upper
84 100
49 102.2 77.4 116.2
51 32.7 26.1 39.1
86 60.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 46.90 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

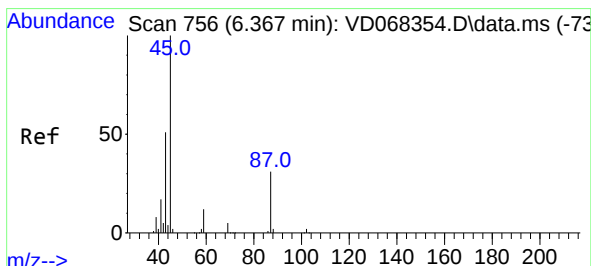
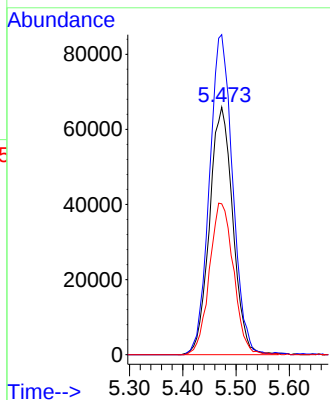
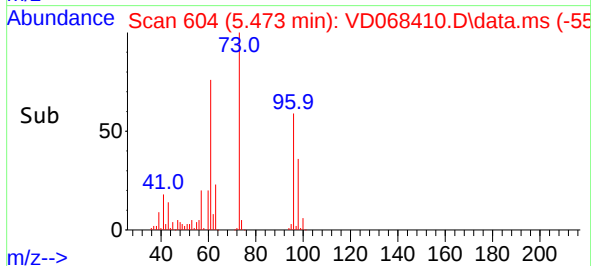


Tgt Ion: 96 Resp: 200542
Ion Ratio Lower Upper
96 100
61 129.3 96.7 145.1
98 61.0 47.6 71.4

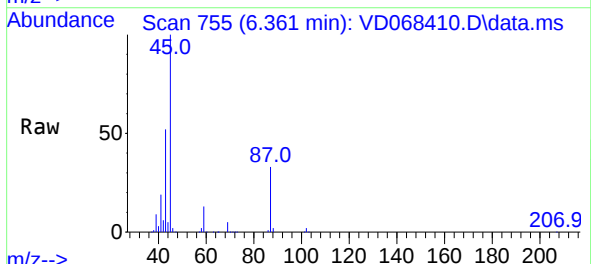
Manual Integrations
APPROVED

MMDadoda

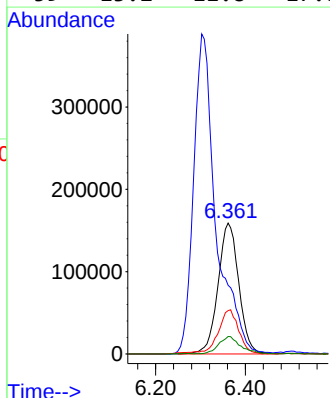
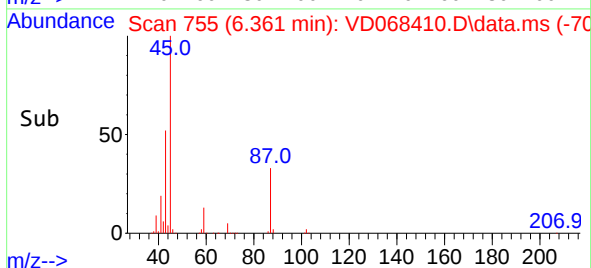
2/23/2021 1:04:47 PM

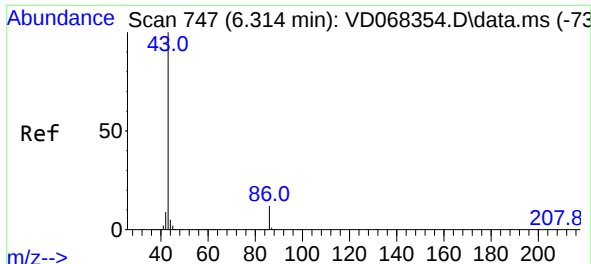


#22
Diisopropyl ether
Concen: 48.12 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 45 Resp: 511475
Ion Ratio Lower Upper
45 100
43 51.2 43.9 65.9
87 33.0 29.9 44.9
59 13.2 11.8 17.8





#23
Vinyl Acetate
Concen: 245.86 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.012 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

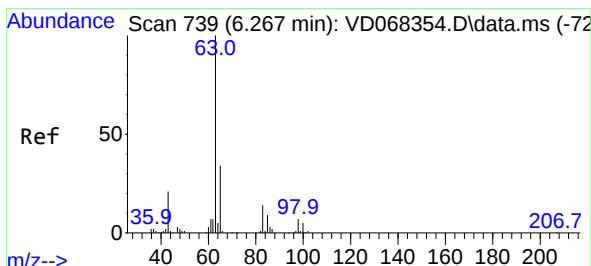
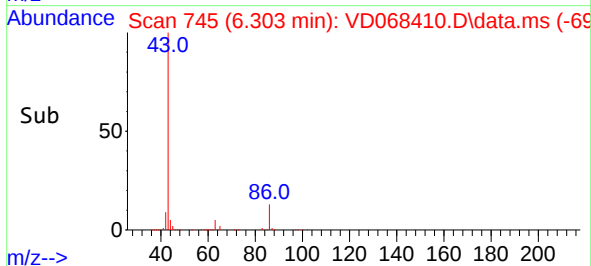
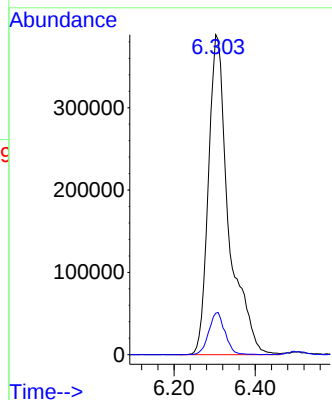
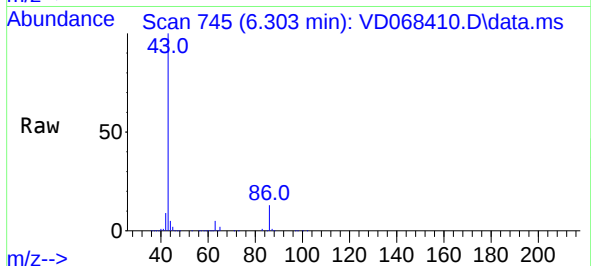
Tgt Ion: 43 Resp: 1349422
Ion Ratio Lower Upper
43 100
86 13.0 10.8 16.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

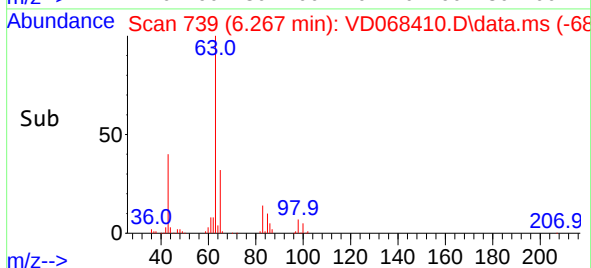
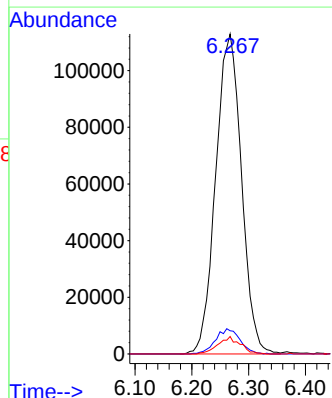
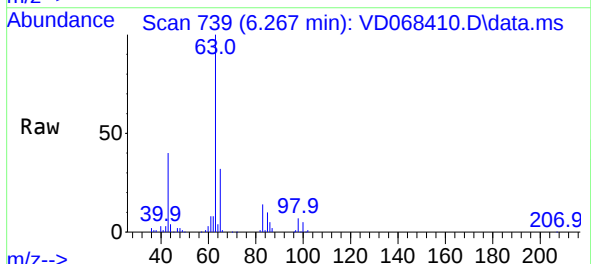
MMDadoda

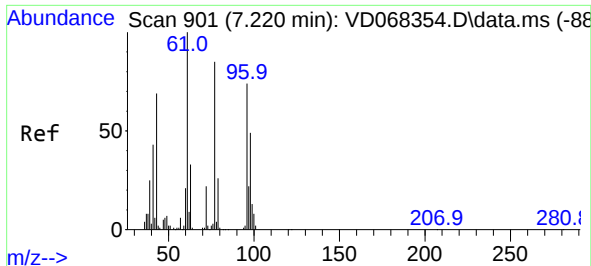
2/23/2021 1:04:47 PM



#24
1,1-Dichloroethane
Concen: 48.94 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 63 Resp: 355987
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.4
100 5.5 2.6 8.0





#25
2-Butanone
Concen: 253.19 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

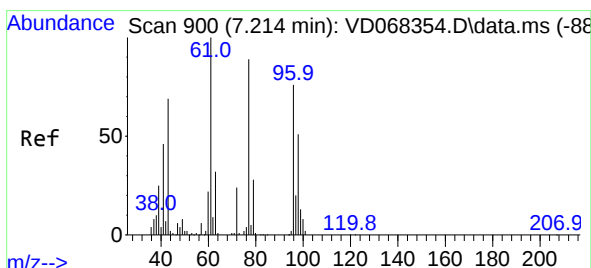
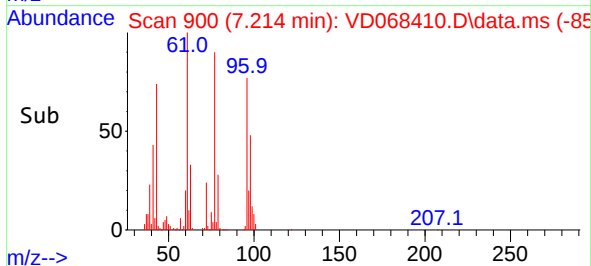
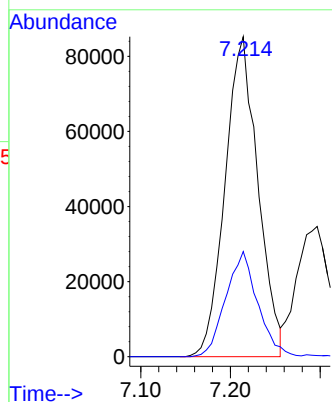
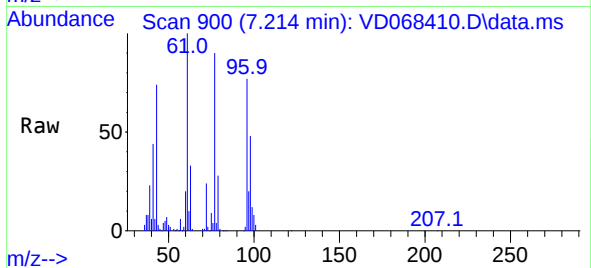
Tgt Ion: 43 Resp: 216899
Ion Ratio Lower Upper
43 100
72 32.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

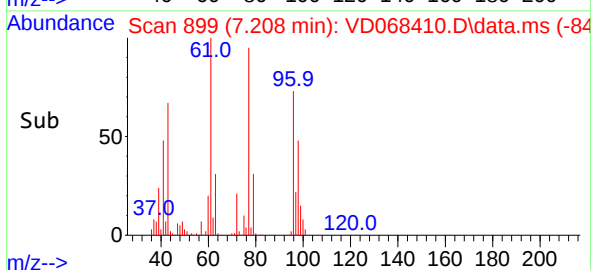
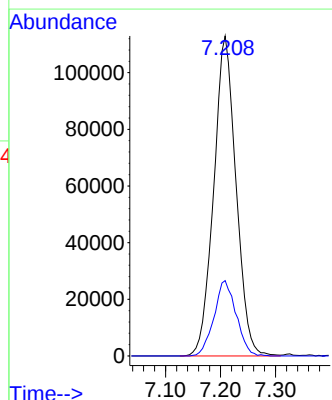
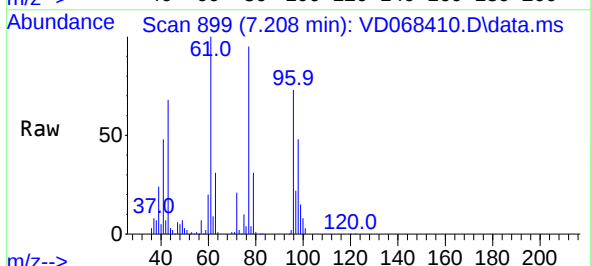
MMDadoda

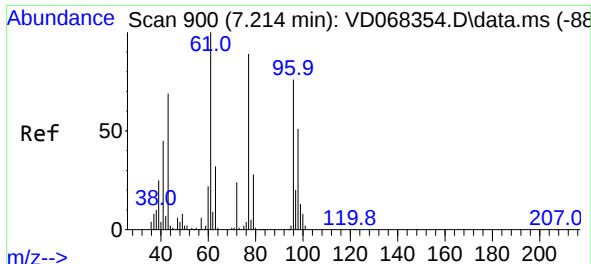
2/23/2021 1:04:47 PM



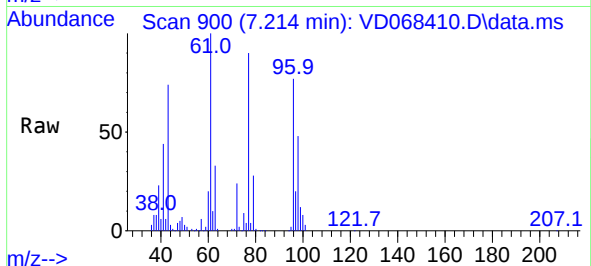
#26
2,2-Dichloropropane
Concen: 51.14 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 77 Resp: 318158
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1



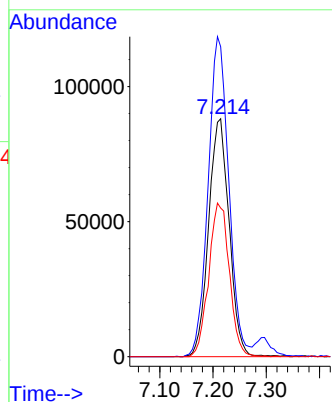


#27
cis-1,2-Dichloroethene
Concen: 48.62 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 96 Resp: 236328

Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	257.4
98	64.7	0.0	126.6

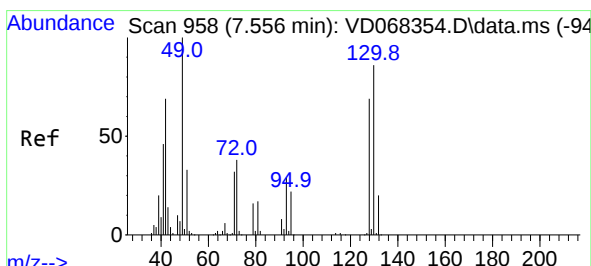
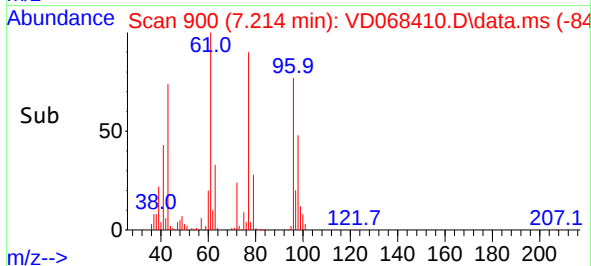


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

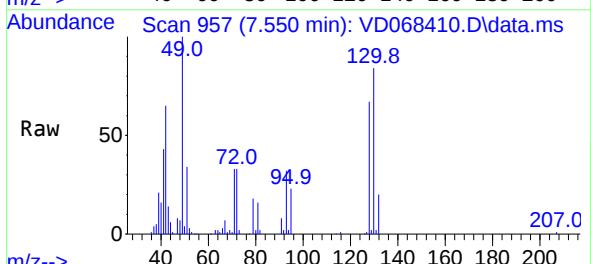
Manual Integrations
APPROVED

MMDadoda

2/23/2021 1:04:47 PM

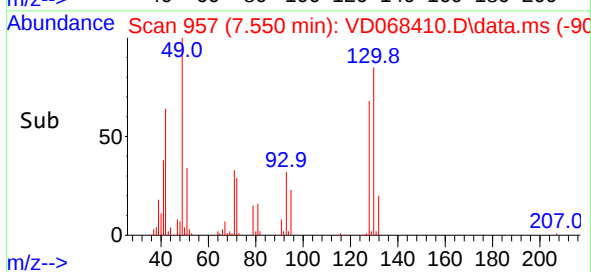
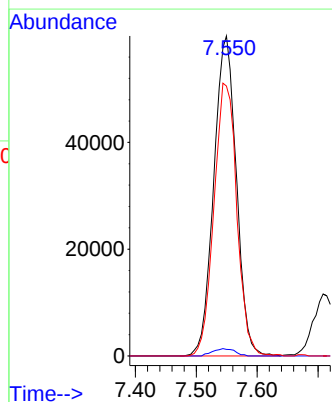


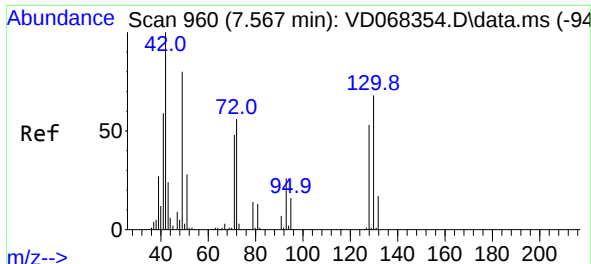
#28
Bromochloromethane
Concen: 51.10 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 49 Resp: 154147

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	86.6	85.5	128.3





#29
Tetrahydrofuran
Concen: 235.05 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

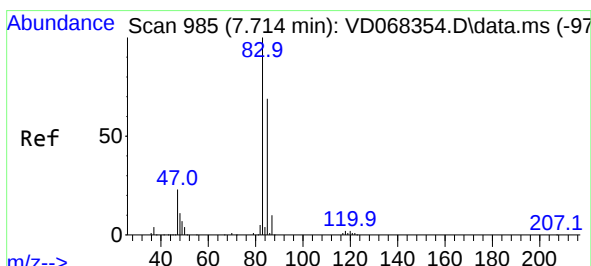
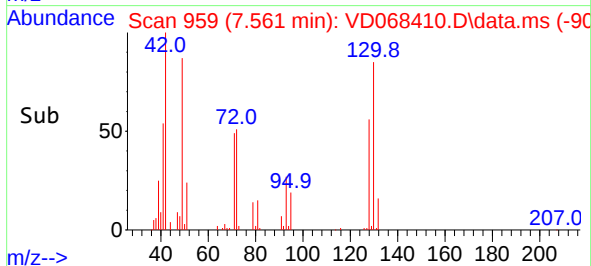
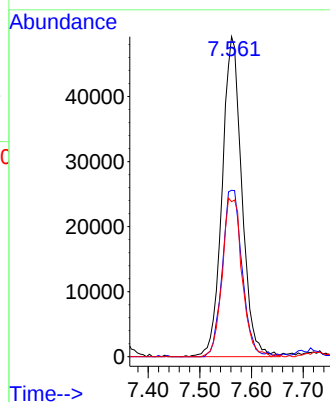
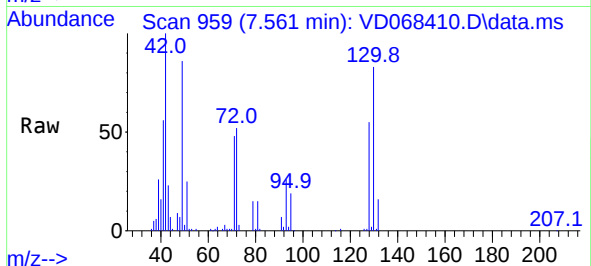
Tgt Ion: 42 Resp: 130246
Ion Ratio Lower Upper
42 100
72 52.0 43.4 65.0
71 49.7 40.8 61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

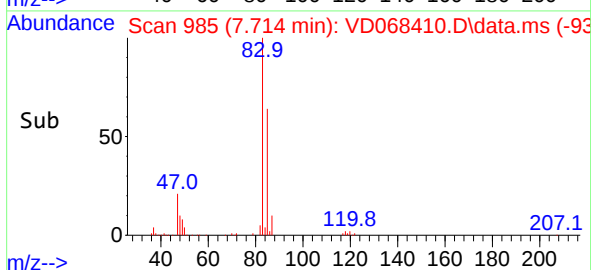
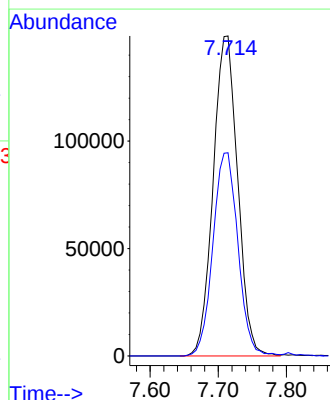
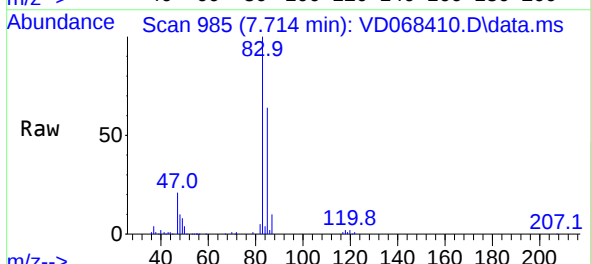
MMDadoda

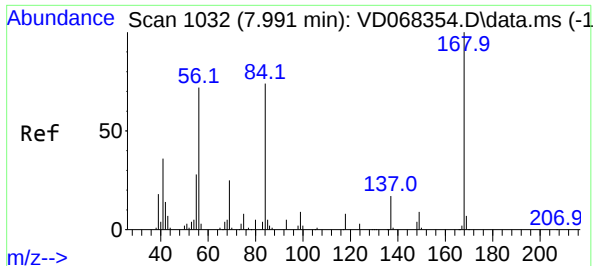
2/23/2021 1:04:47 PM



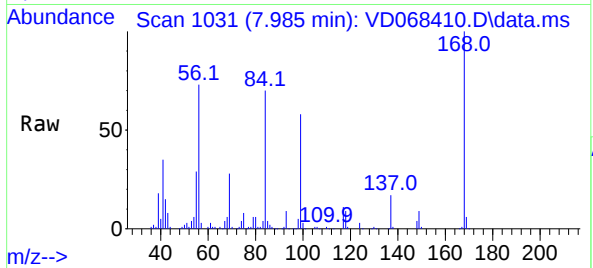
#30
Chloroform
Concen: 49.31 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 83 Resp: 373049
Ion Ratio Lower Upper
83 100
85 63.5 53.4 80.0

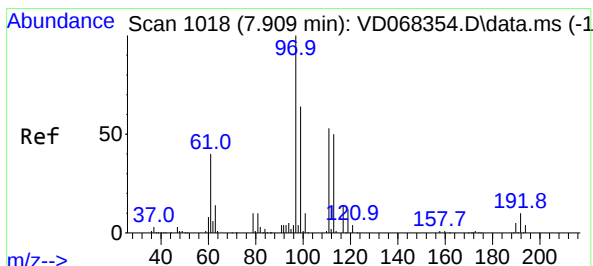
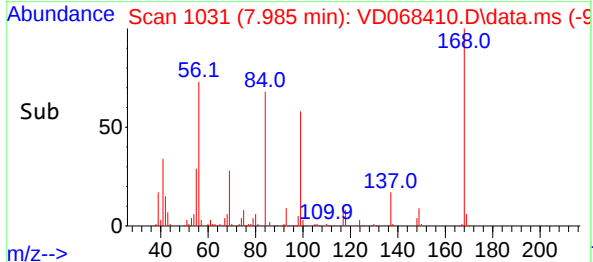
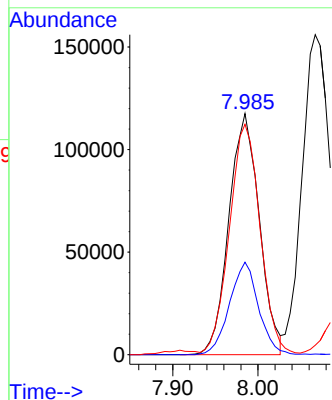




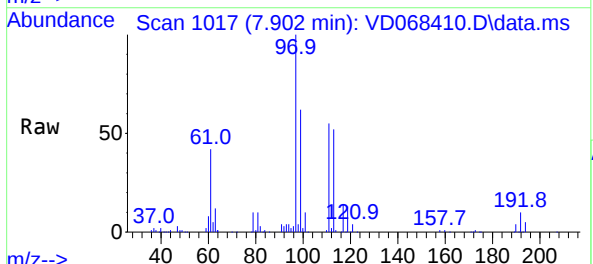
#31
Cyclohexane
Concen: 49.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



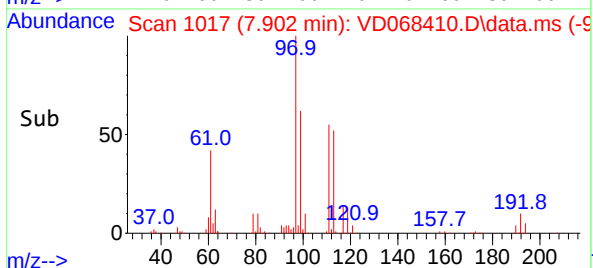
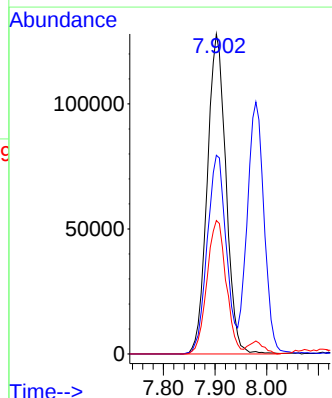
Tgt Ion: 56 Resp: 292002
Ion Ratio Lower Upper
56 100
69 38.3 30.1 45.1
84 93.7 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 49.23 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 97 Resp: 321811
Ion Ratio Lower Upper
97 100
99 63.5 52.1 78.1
61 42.9 30.1 45.1

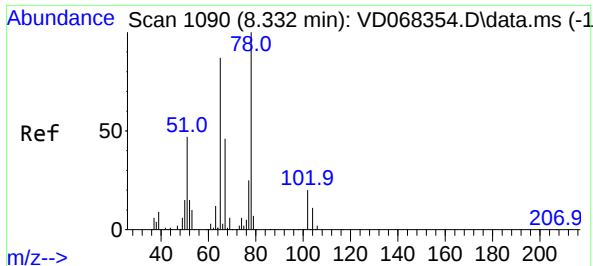


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

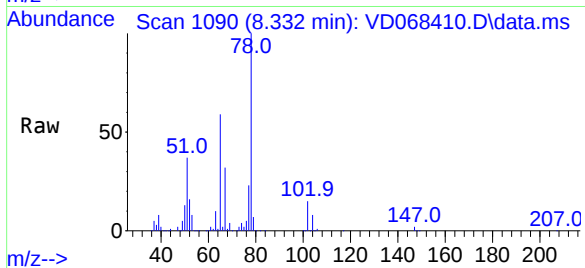
MMDadoda

2/23/2021 1:04:47 PM



#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

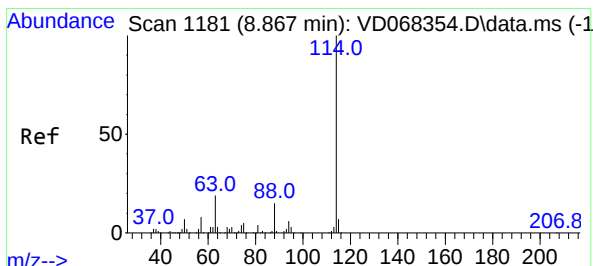
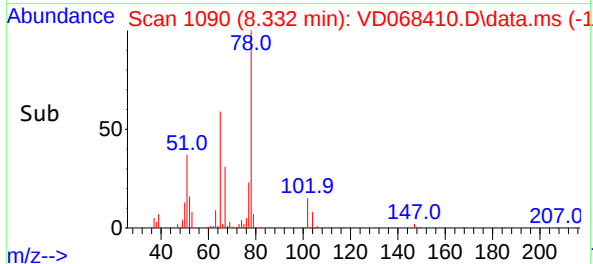
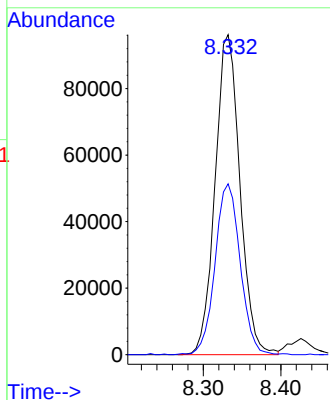


Tgt Ion: 65 Resp: 214274
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0

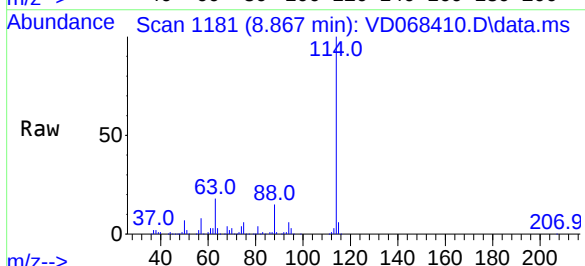
Manual Integrations
APPROVED

MMDadoda

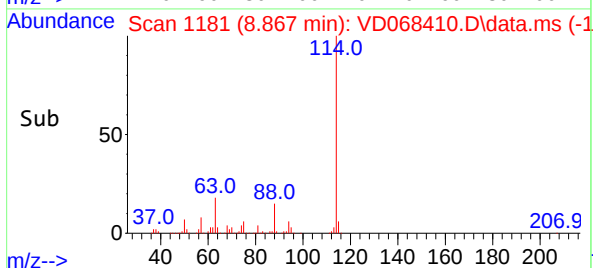
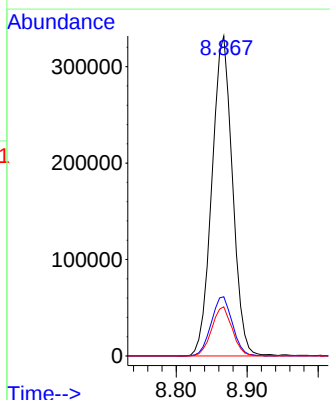
2/23/2021 1:04:47 PM

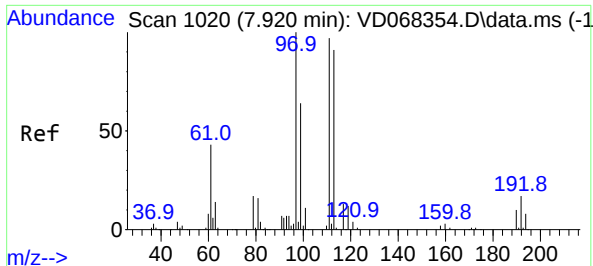


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 114 Resp: 665701
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 15.4 0.0 31.6





#35

Dibromofluoromethane
Concen: 57.32 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

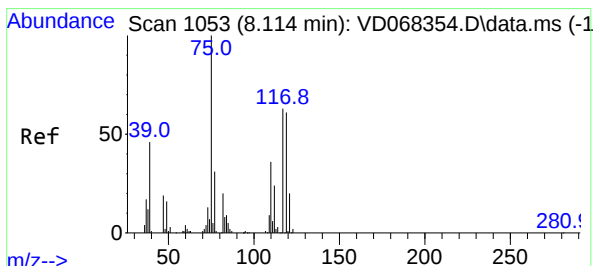
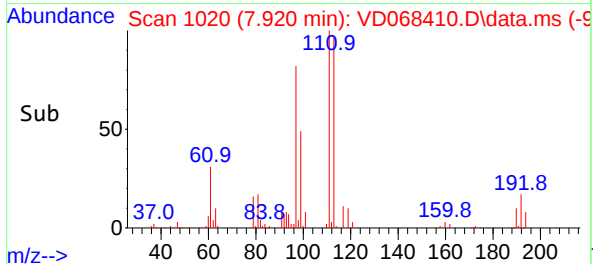
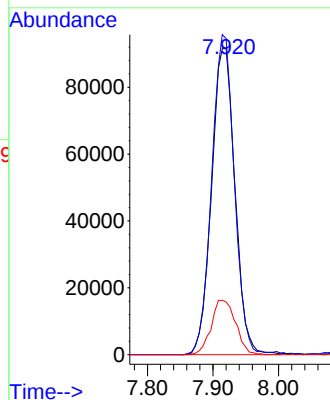
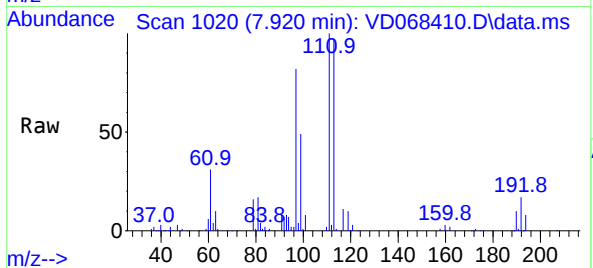
Tgt Ion: 113 Resp: 226501
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.6 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

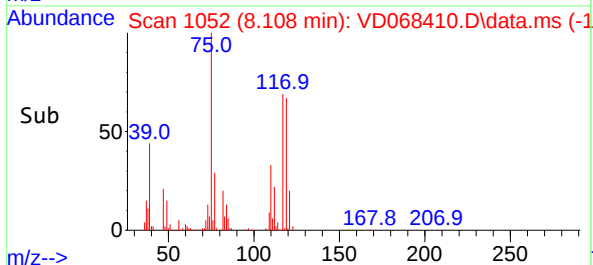
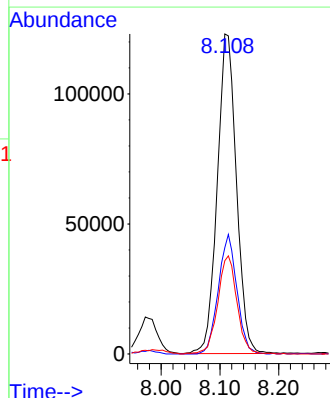
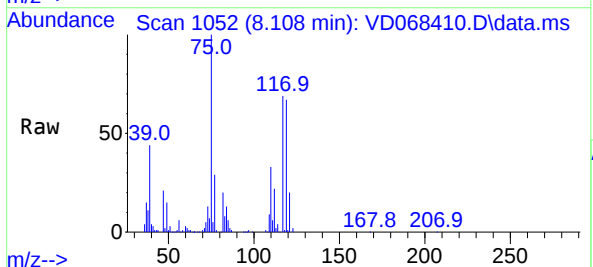
2/23/2021 1:04:47 PM

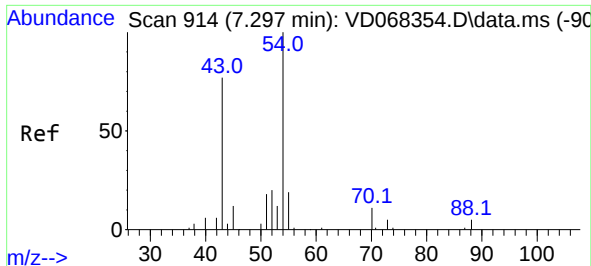


#36

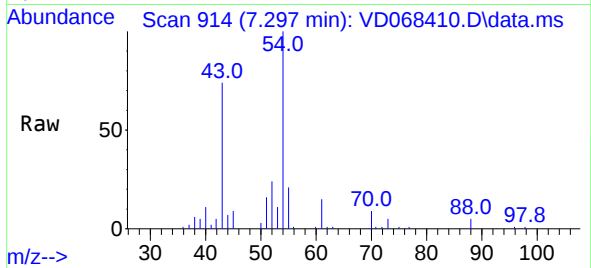
1,1-Dichloropropene
Concen: 47.28 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 75 Resp: 278452
Ion Ratio Lower Upper
75 100
110 36.2 19.4 58.2
77 30.8 25.3 37.9



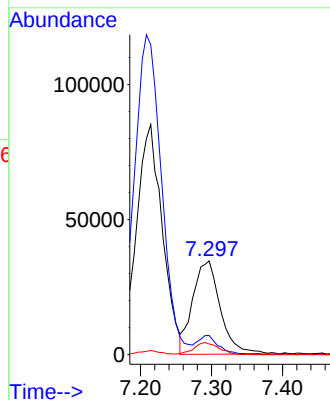


#37
Ethyl Acetate
Concen: 46.96 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 43 Resp: 93451

Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.9	19.3
70	11.8	11.0	16.6

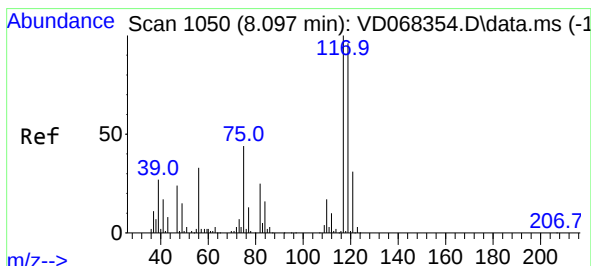


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

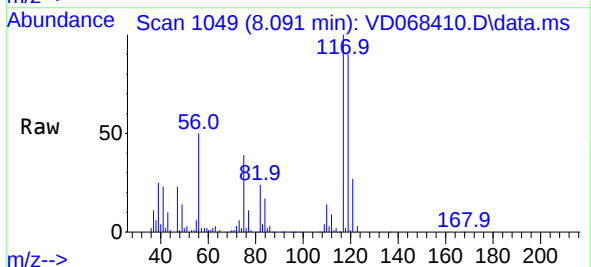
Manual Integrations
APPROVED

MMDadoda

2/23/2021 1:04:47 PM

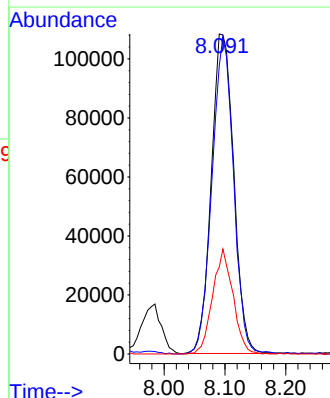
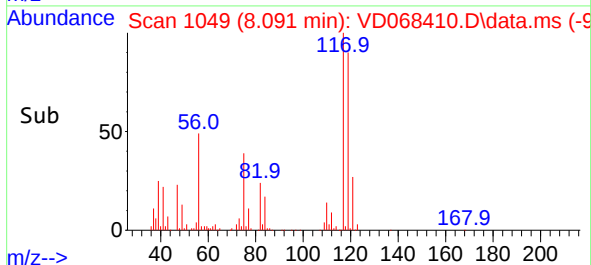


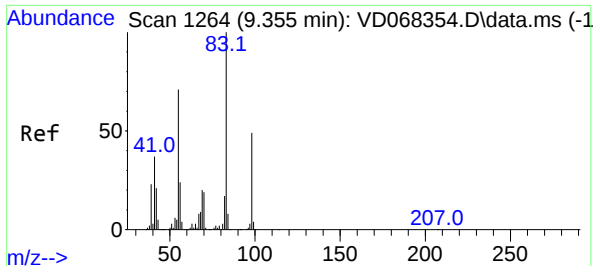
#38
Carbon Tetrachloride
Concen: 49.40 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 117 Resp: 277506

Ion	Ratio	Lower	Upper
117	100		
119	90.1	77.3	115.9
121	27.2	24.7	37.1





#39

Methylcyclohexane

Concen: 47.38 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

Tgt Ion:	83	Resp:	342277
Ion	Ratio	Lower	Upper
83	100		
55	68.6	55.2	82.8
98	52.4	39.1	58.7

Instrument :

MSVOA_D

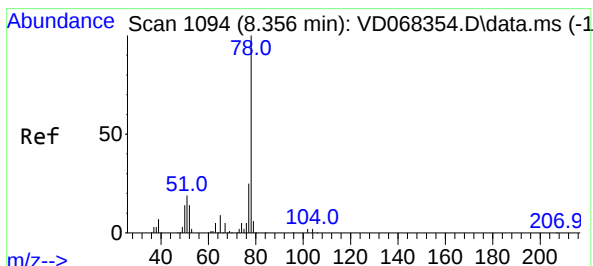
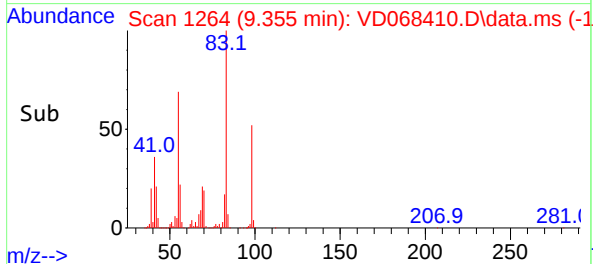
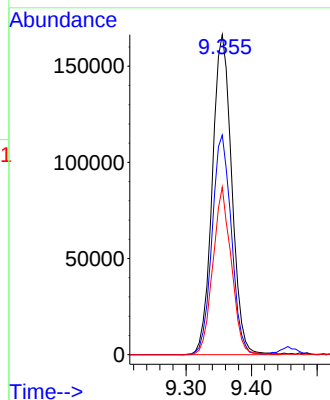
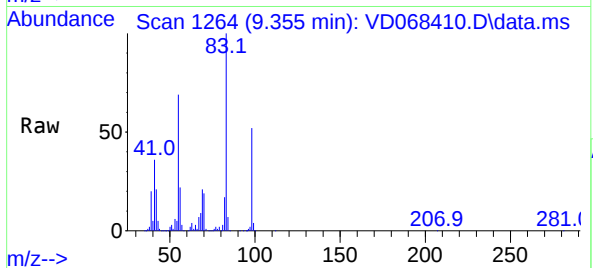
ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

2/23/2021 1:04:47 PM



#40

Benzene

Concen: 48.51 ug/l

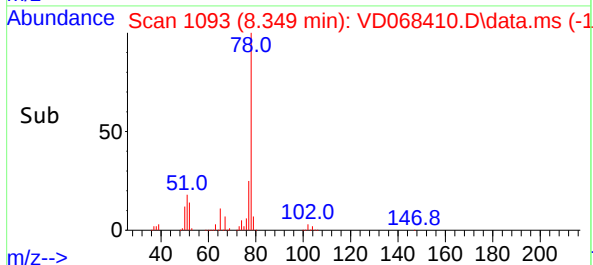
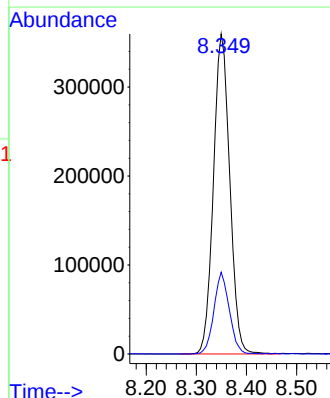
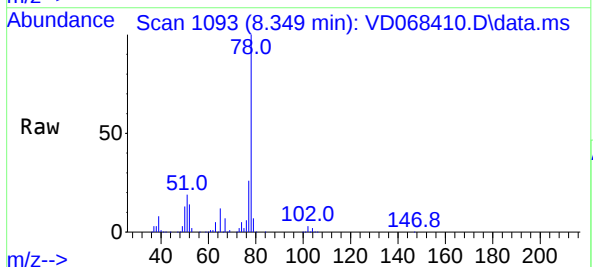
RT: 8.349 min Scan# 1093

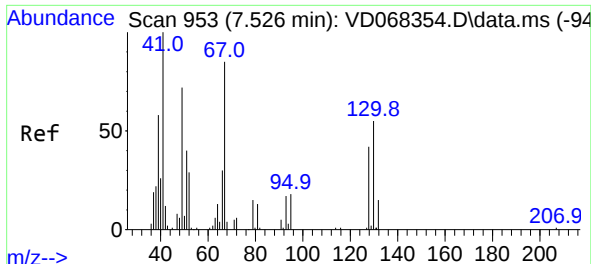
Delta R.T. -0.006 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

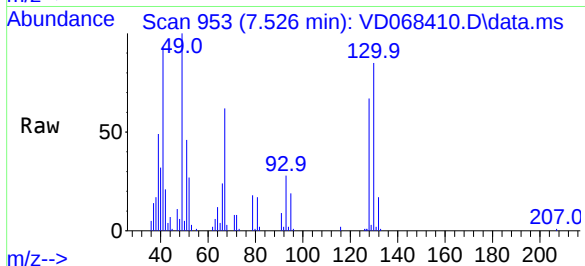
Tgt Ion:	78	Resp:	814779
Ion	Ratio	Lower	Upper
78	100		
77	25.5	17.8	26.6





#41
Methacrylonitrile
Concen: 51.16 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

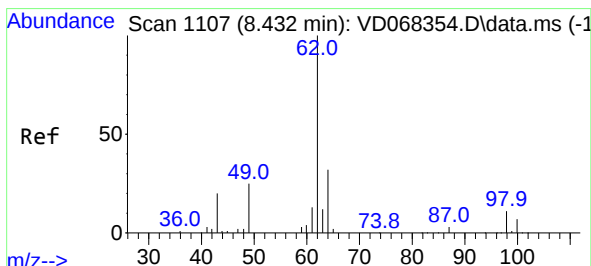
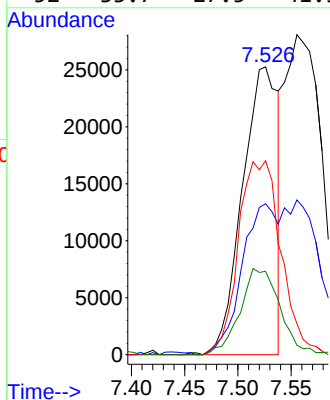
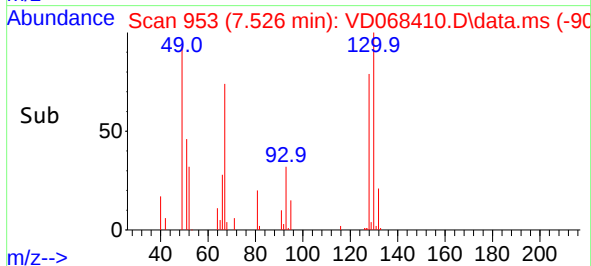


Tgt Ion: 41 Resp: 58602
Ion Ratio Lower Upper
41 100
39 52.8 45.2 67.8
67 80.5 67.4 101.2
52 33.7 27.5 41.3

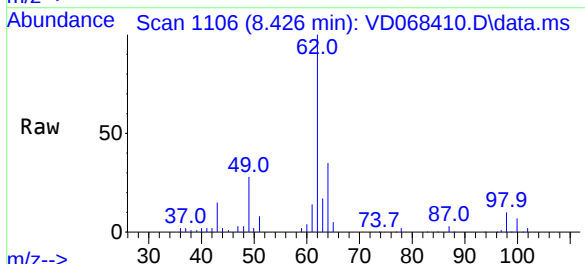
Manual Integrations
APPROVED

MMDadoda

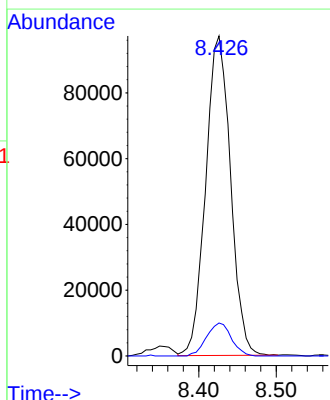
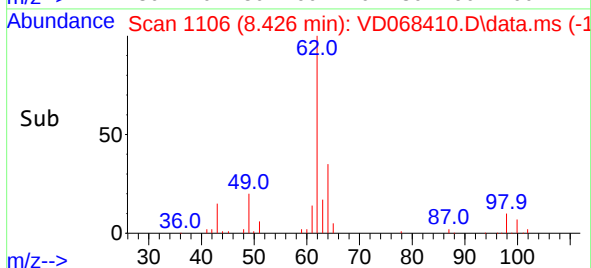
2/23/2021 1:04:47 PM

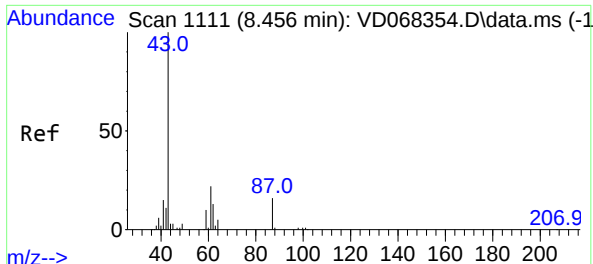


#42
1,2-Dichloroethane
Concen: 48.41 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

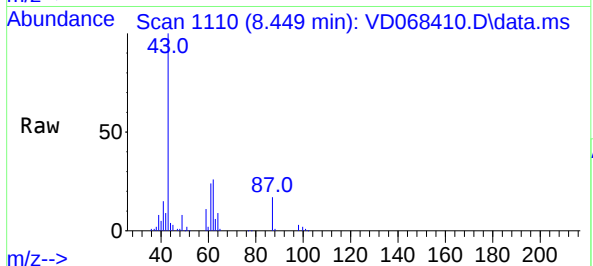


Tgt Ion: 62 Resp: 216930
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.8

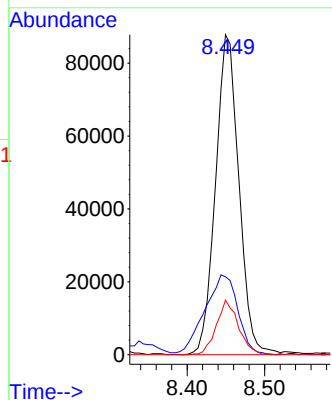




#43
Isopropyl Acetate
Concen: 48.29 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 43 Resp: 184024
Ion Ratio Lower Upper
43 100
61 35.4 28.7 43.1
87 16.1 13.9 20.9

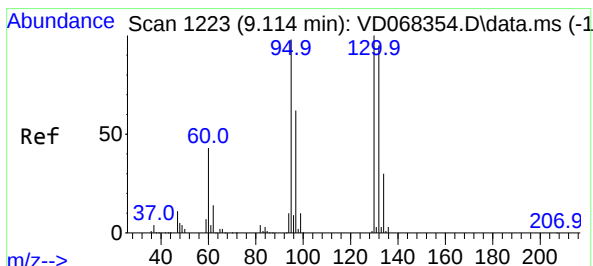
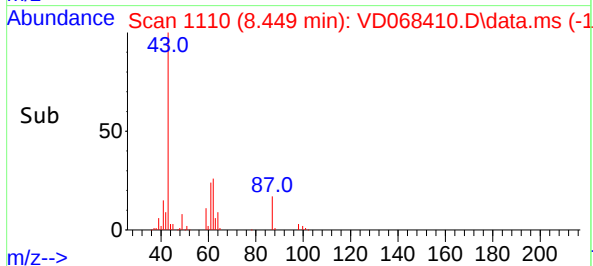


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

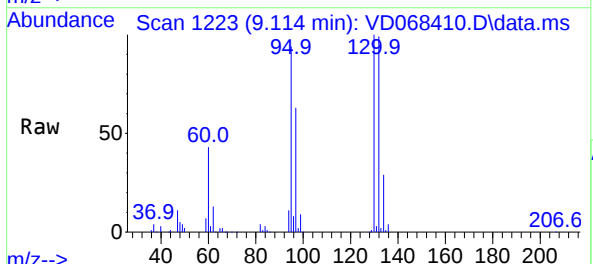
Manual Integrations
APPROVED

MMDadoda

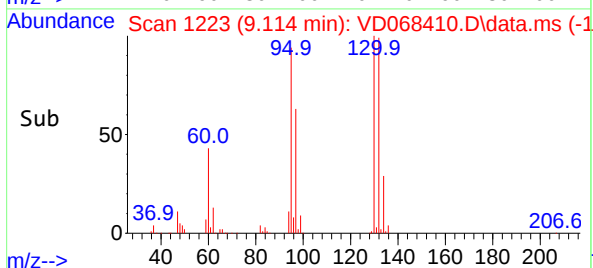
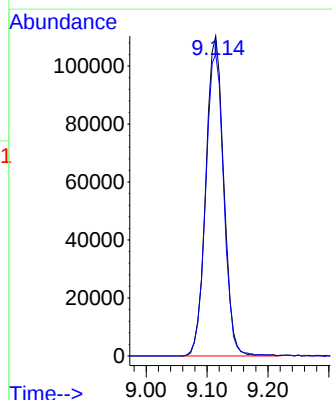
2/23/2021 1:04:47 PM

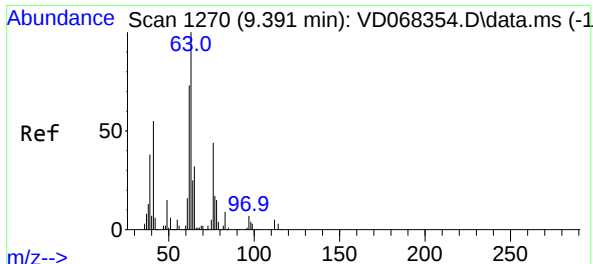


#44
Trichloroethene
Concen: 49.29 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion:130 Resp: 225316
Ion Ratio Lower Upper
130 100
95 94.3 0.0 191.2

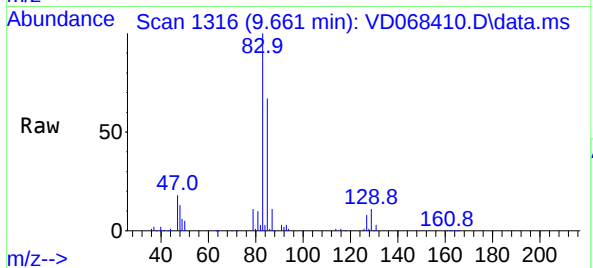






#47
Bromodichloromethane
Concen: 48.86 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

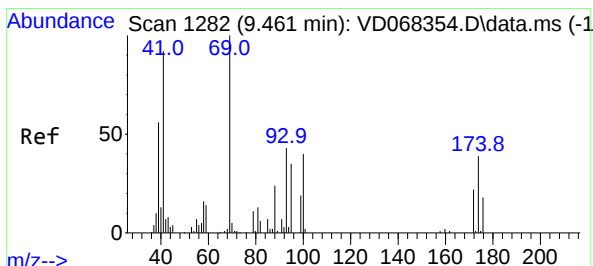
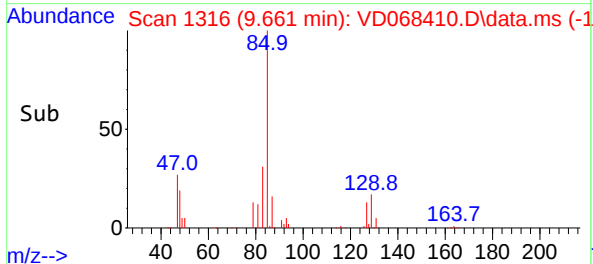
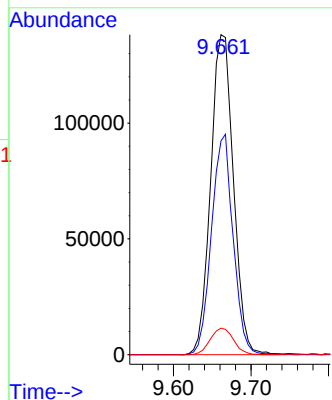


Tgt Ion: 83 Resp: 281689
Ion Ratio Lower Upper
83 100
85 66.8 51.6 77.4
127 8.3 7.4 11.0

Manual Integrations
APPROVED

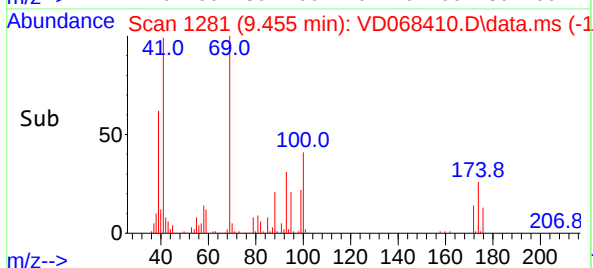
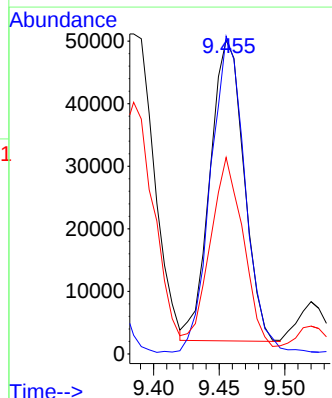
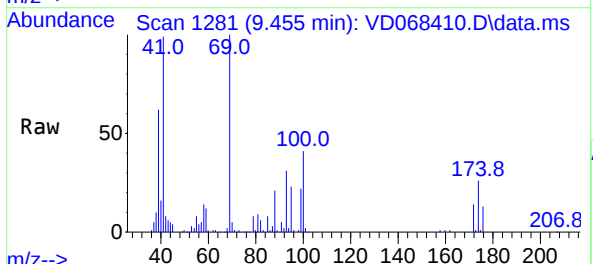
MMDadoda

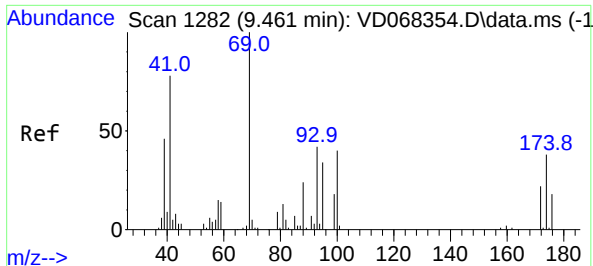
2/23/2021 1:04:47 PM



#48
Methyl methacrylate
Concen: 45.28 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 41 Resp: 86108
Ion Ratio Lower Upper
41 100
69 106.7 77.1 115.7
39 67.1 41.5 62.3





#49
1,4-Dioxane
Concen: 952.66 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

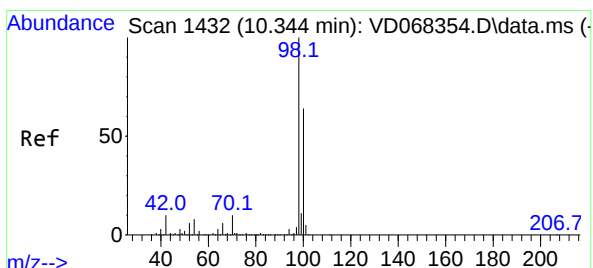
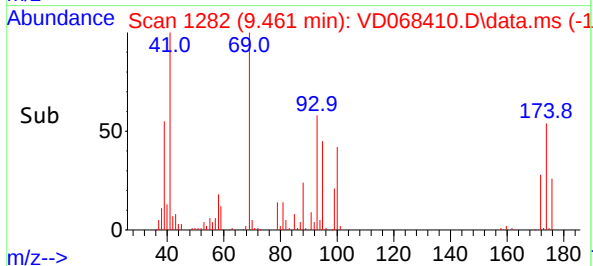
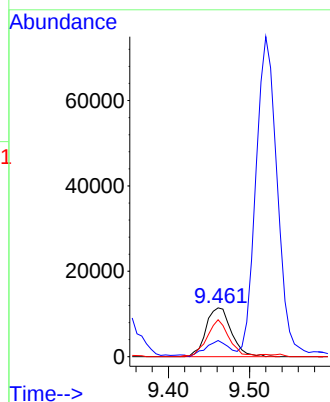
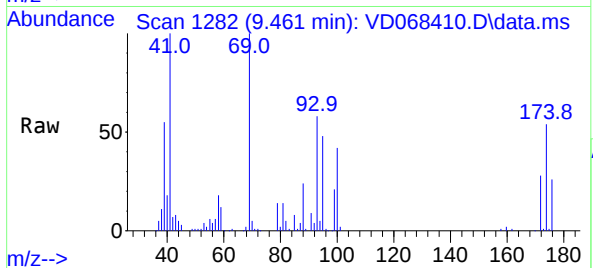
Tgt Ion: 88 Resp: 24749
Ion Ratio Lower Upper
88 100
43 30.6 22.1 33.1
58 66.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

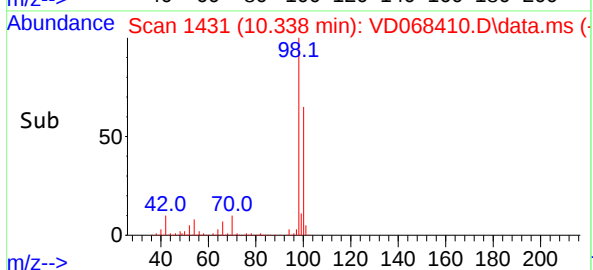
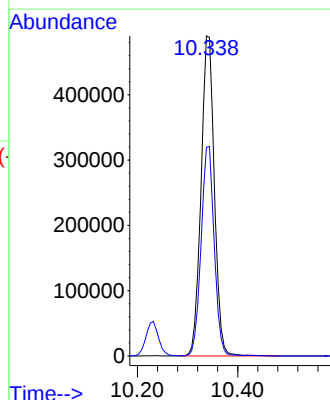
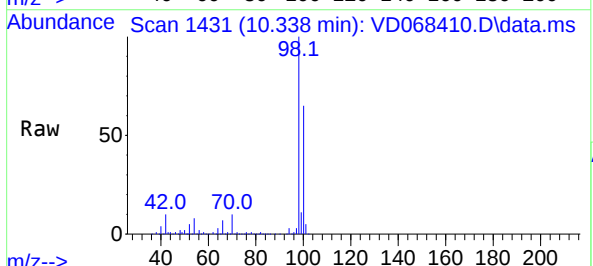
MMDadoda

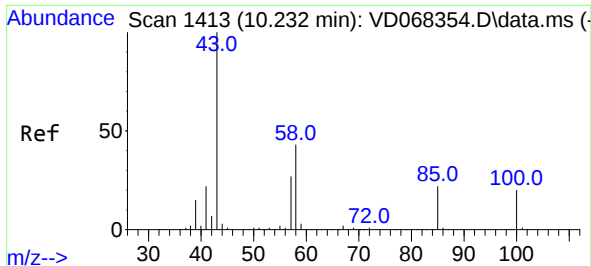
2/23/2021 1:04:47 PM



#50
Toluene-d8
Concen: 55.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 98 Resp: 904316
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 243.82 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

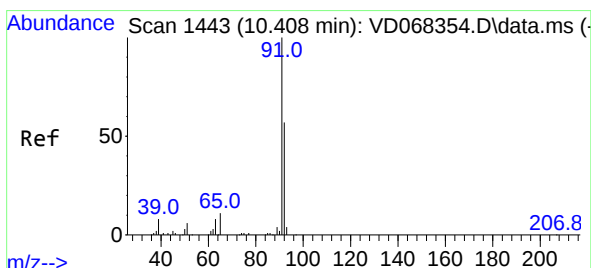
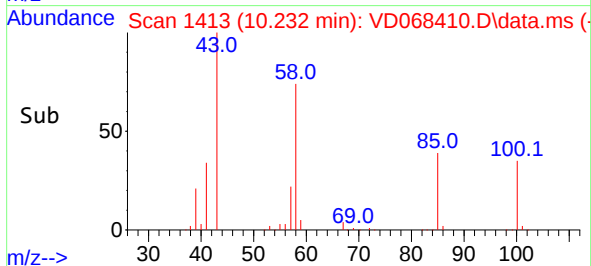
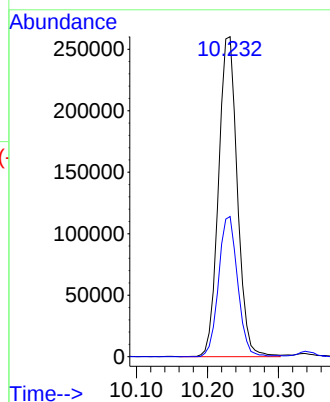
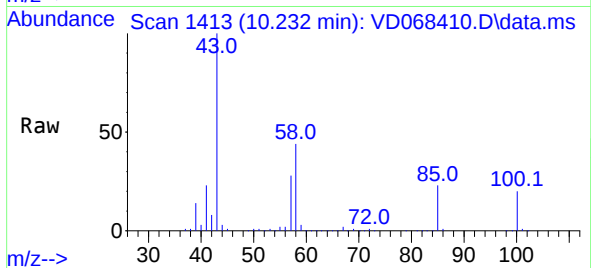
Tgt Ion: 43 Resp: 477206
Ion Ratio Lower Upper
43 100
58 44.3 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

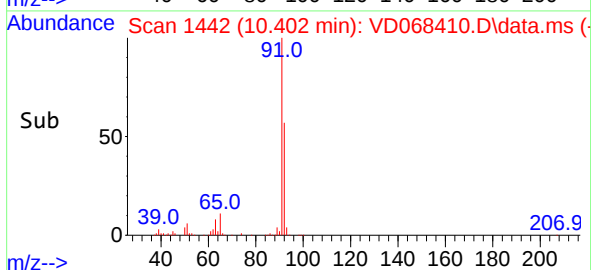
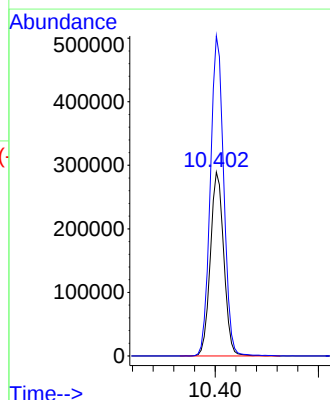
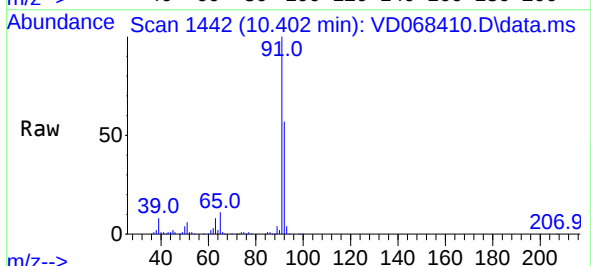
MMDadoda

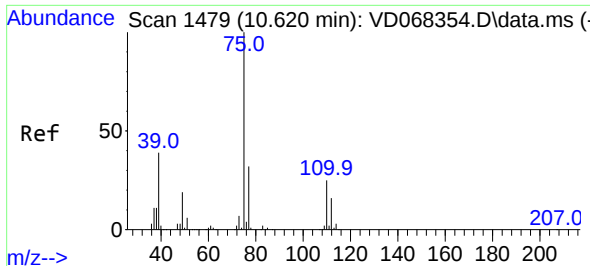
2/23/2021 1:04:47 PM



#52
Toluene
Concen: 48.33 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

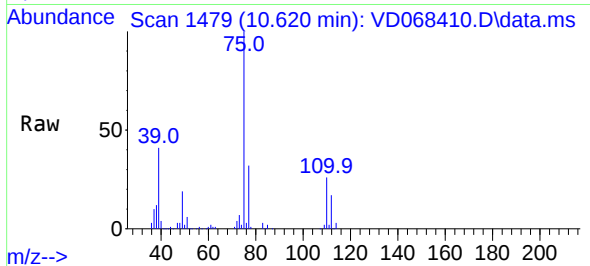
Tgt Ion: 92 Resp: 521932
Ion Ratio Lower Upper
92 100
91 173.6 134.1 201.1





#53
 t-1,3-Dichloropropene
 Concen: 49.49 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068410.D
 Acq: 22 Feb 2021 09:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

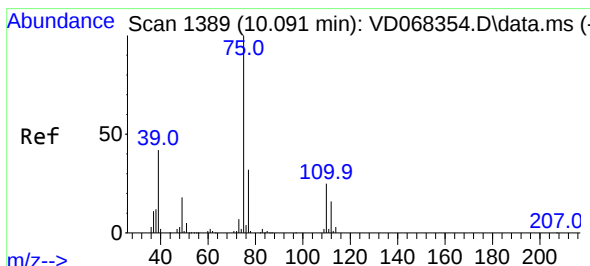
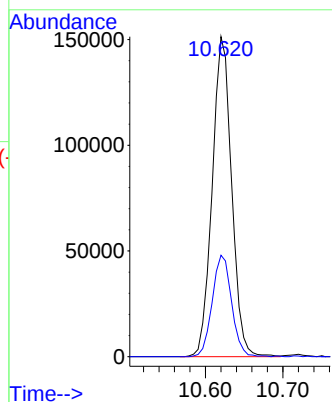


Tgt Ion: 75 Resp: 264051
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4

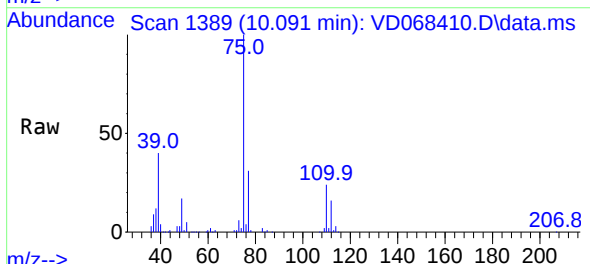
Manual Integrations
 APPROVED

MMDadoda

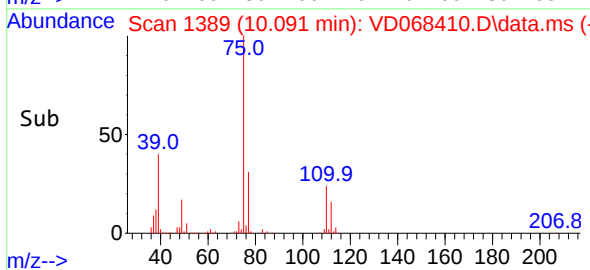
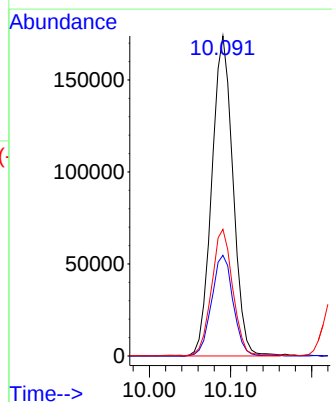
2/23/2021 1:04:47 PM

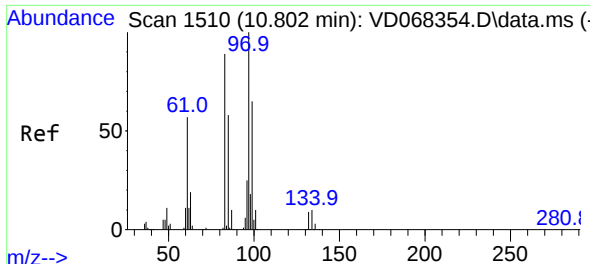


#54
 cis-1,3-Dichloropropene
 Concen: 48.33 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068410.D
 Acq: 22 Feb 2021 09:54

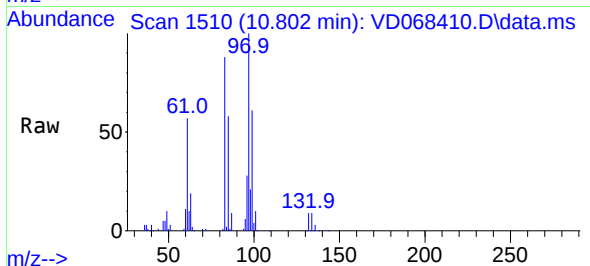


Tgt Ion: 75 Resp: 315042
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 39.4 31.4 47.0



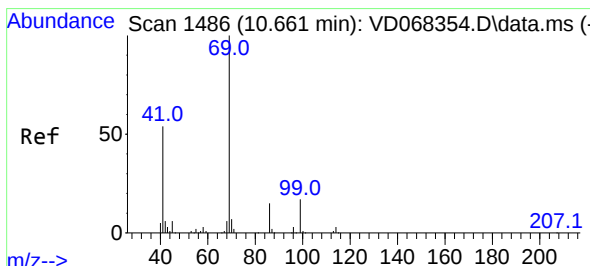
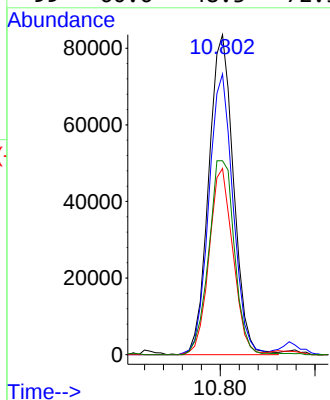
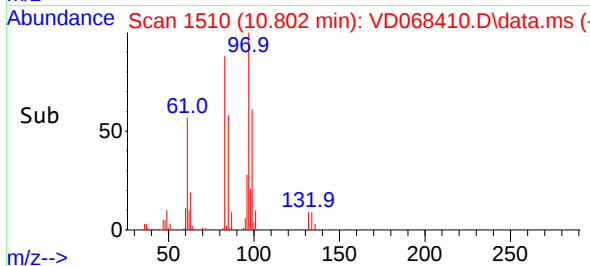


#55
1,1,2-Trichloroethane
Concen: 49.46 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

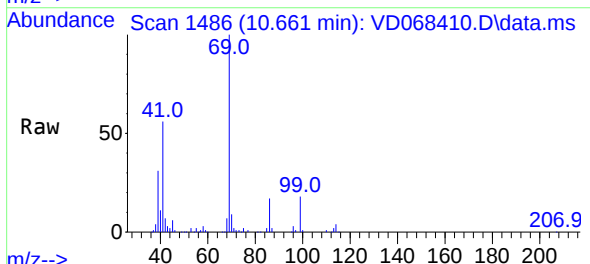


Tgt Ion: 97 Resp: 151927

Ion	Ratio	Lower	Upper
97	100		
83	87.7	61.8	92.6
85	58.2	42.2	63.2
99	60.6	48.3	72.5

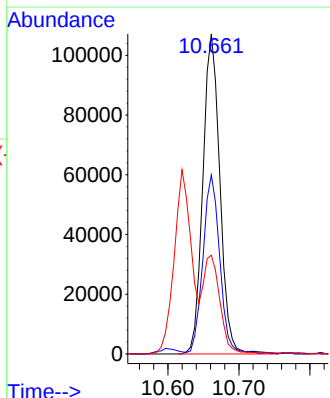
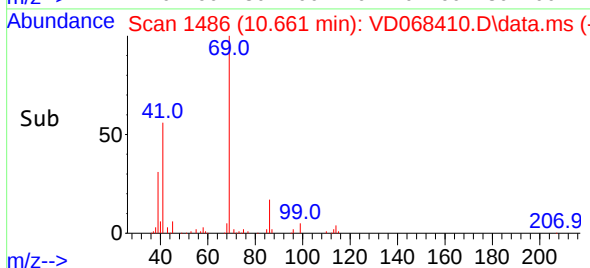


#56
Ethyl methacrylate
Concen: 49.09 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 69 Resp: 178914

Ion	Ratio	Lower	Upper
69	100		
41	54.7	44.9	67.3
39	29.8	21.9	32.9

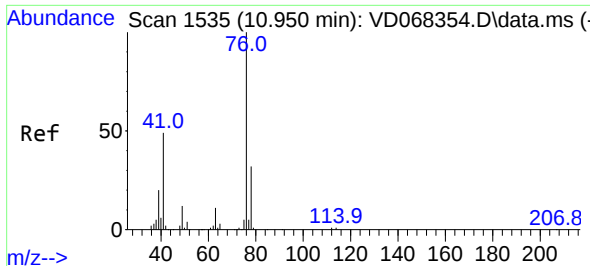


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

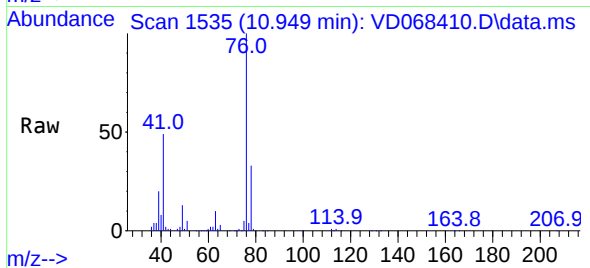
MMDadoda

2/23/2021 1:04:47 PM



#57
1,3-Dichloropropane
Concen: 47.90 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

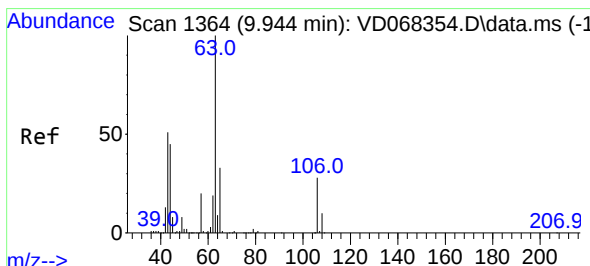
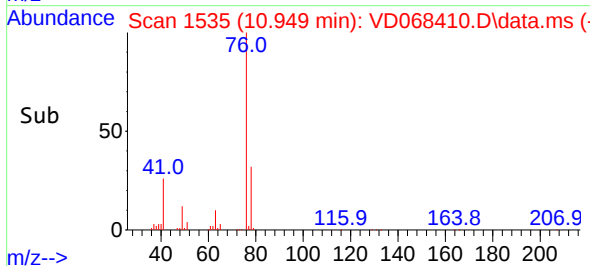
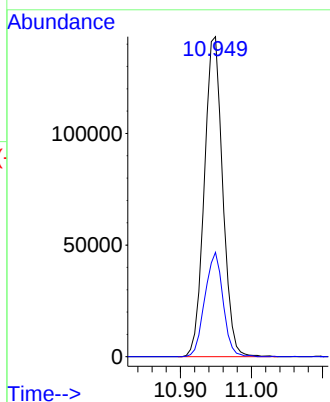


Tgt Ion: 76 Resp: 258227
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Manual Integrations
APPROVED

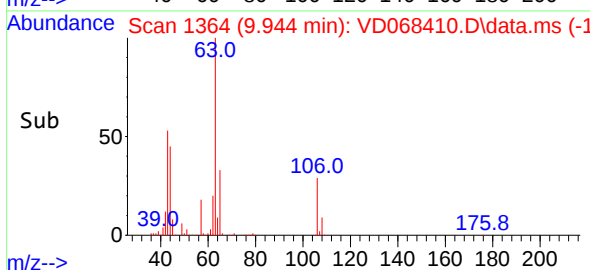
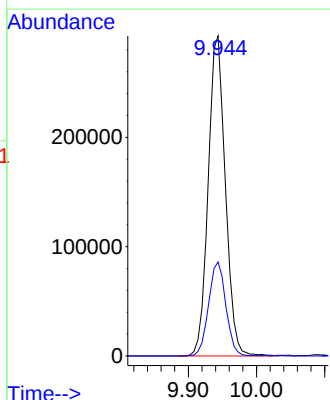
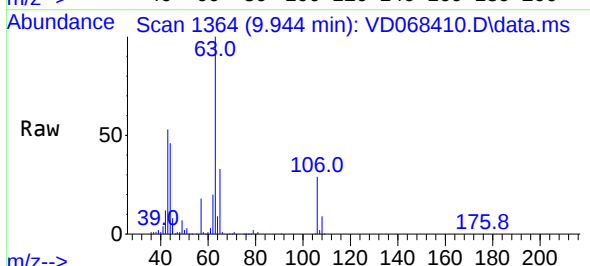
MMDadoda

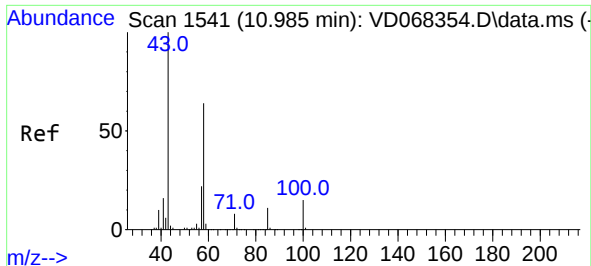
2/23/2021 1:04:47 PM



#58
2-Chloroethyl Vinyl ether
Concen: 262.88 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

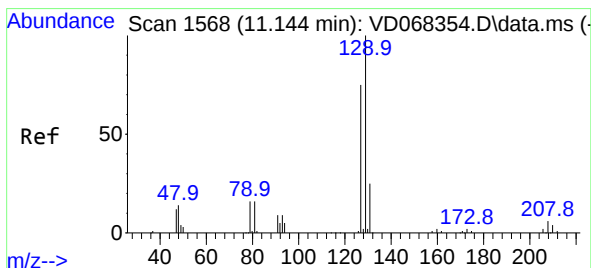
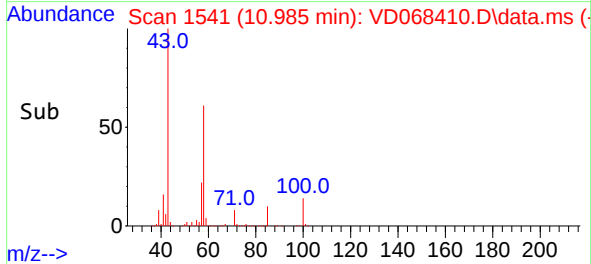
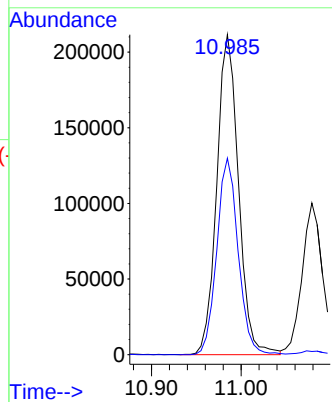
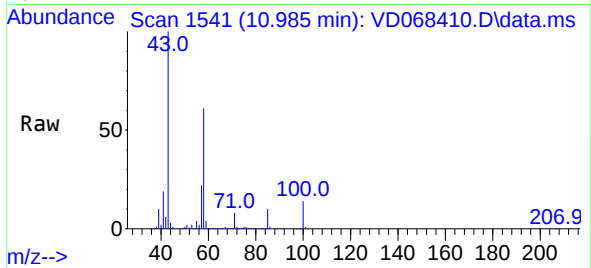
Tgt Ion: 63 Resp: 513045
Ion Ratio Lower Upper
63 100
106 29.5 27.0 40.4





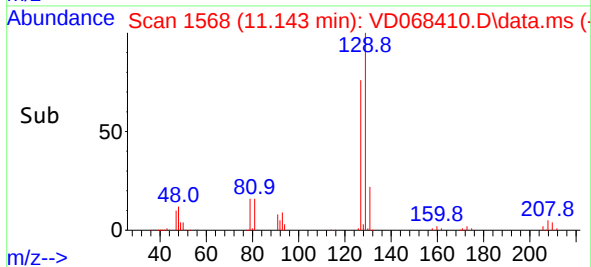
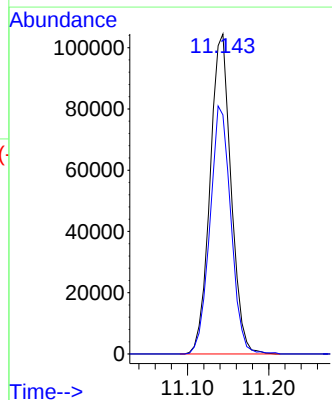
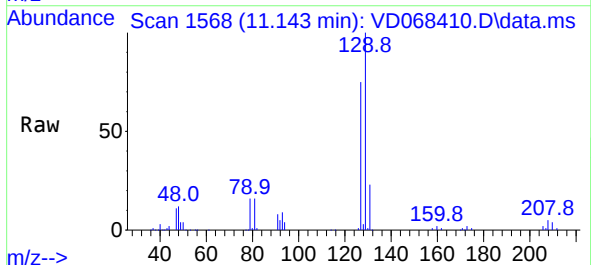
#59
2-Hexanone
Concen: 268.47 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 43 Resp: 355202
Ion Ratio Lower Upper
43 100
58 60.5 31.0 93.0



#60
Dibromochloromethane
Concen: 49.11 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 129 Resp: 187182
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

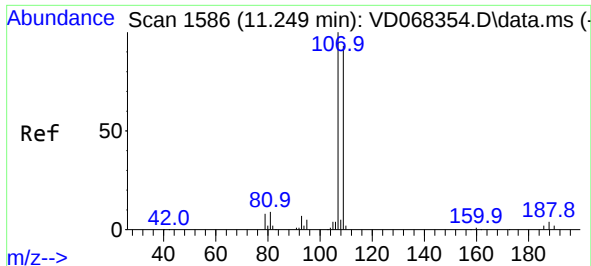


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

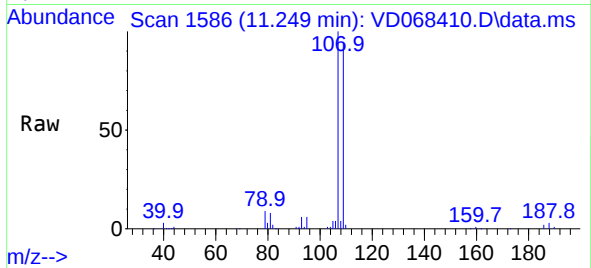
MMDadoda

2/23/2021 1:04:47 PM



#61
1,2-Dibromoethane
Concen: 49.34 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

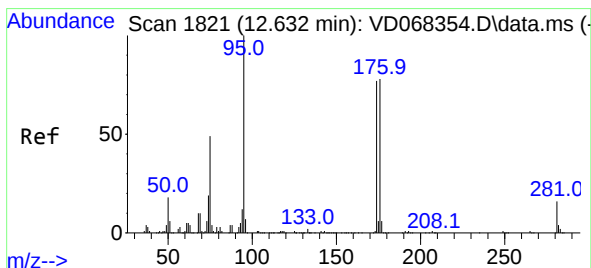
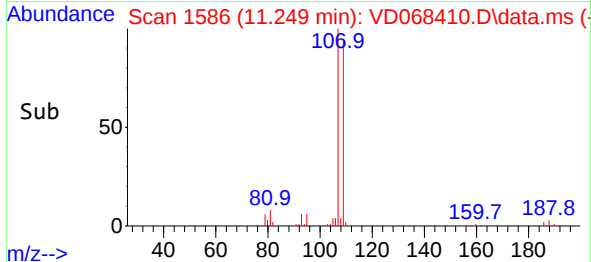
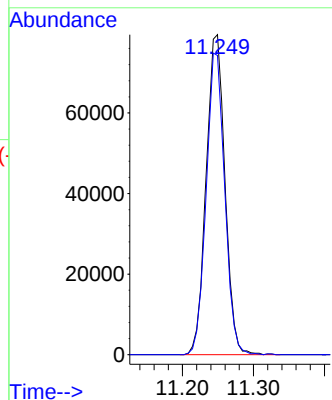


Tgt Ion:107 Resp: 146465
Ion Ratio Lower Upper
107 100
109 92.7 74.8 112.2

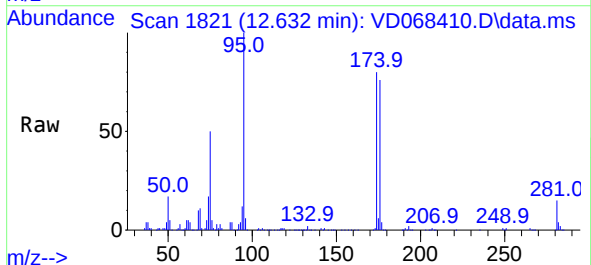
Manual Integrations
APPROVED

MMDadoda

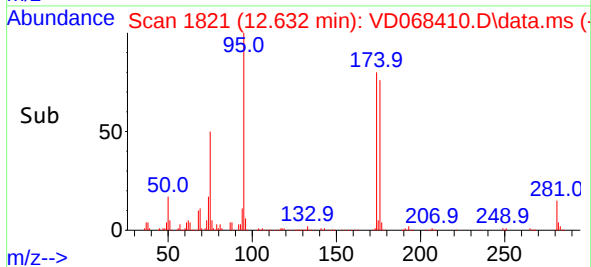
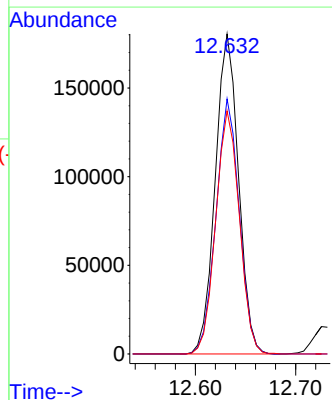
2/23/2021 1:04:47 PM

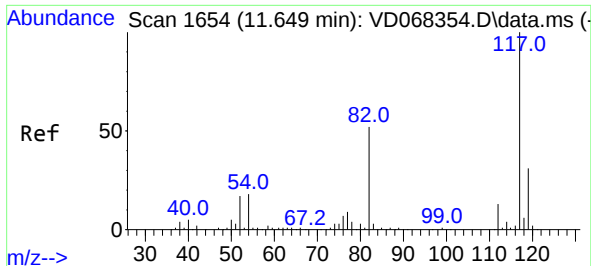


#62
4-Bromofluorobenzene
Concen: 54.35 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 95 Resp: 289938
Ion Ratio Lower Upper
95 100
174 79.9 0.0 172.4
176 77.1 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

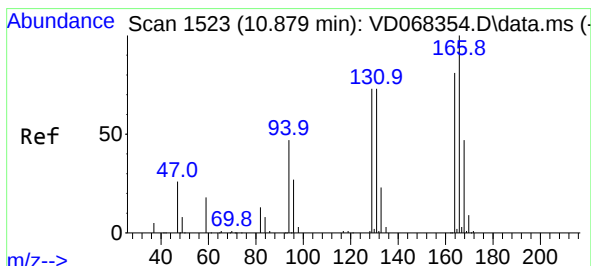
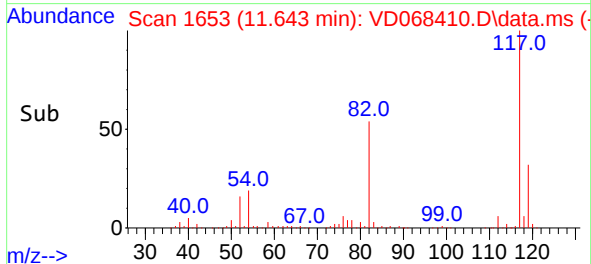
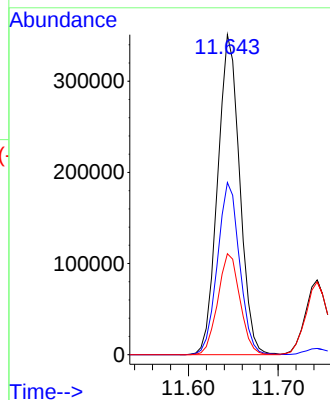
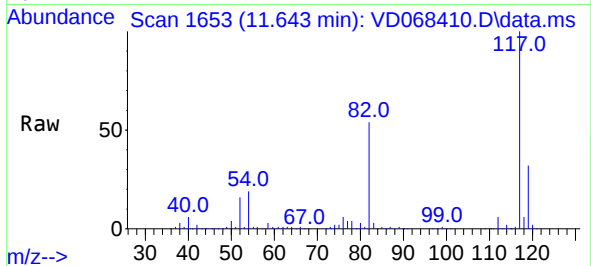
Tgt Ion:117 Resp: 599140
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 31.5 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

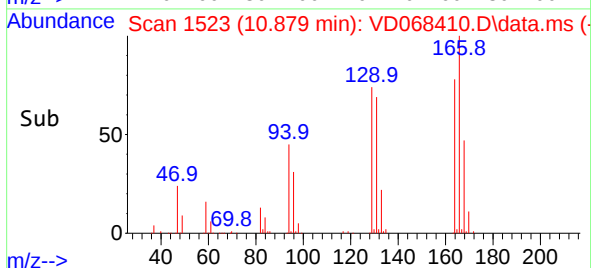
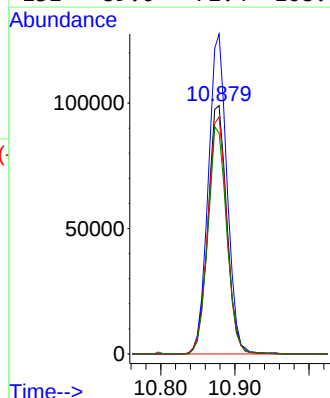
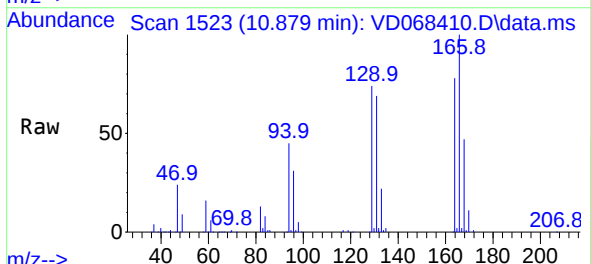
MMDadoda

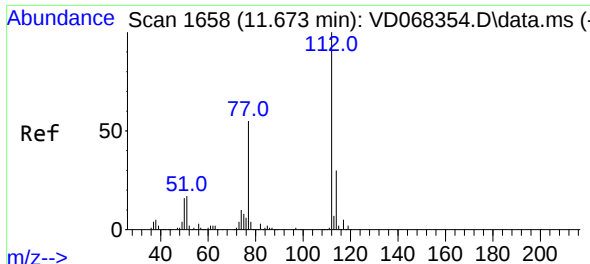
2/23/2021 1:04:47 PM



#64
Tetrachloroethene
Concen: 47.55 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

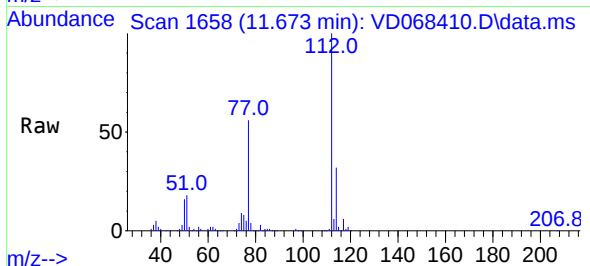
Tgt Ion:164 Resp: 175314
Ion Ratio Lower Upper
164 100
166 128.9 105.5 158.3
129 95.4 75.6 113.4
131 89.0 72.4 108.6





#65
Chlorobenzene
Concen: 48.85 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

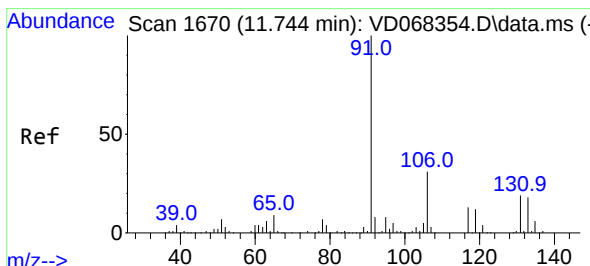
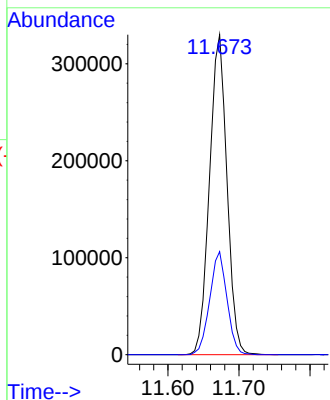
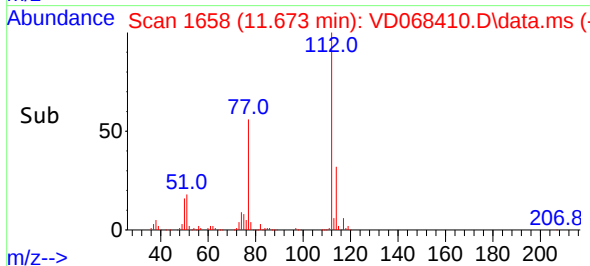


Tgt Ion:112 Resp: 562770
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

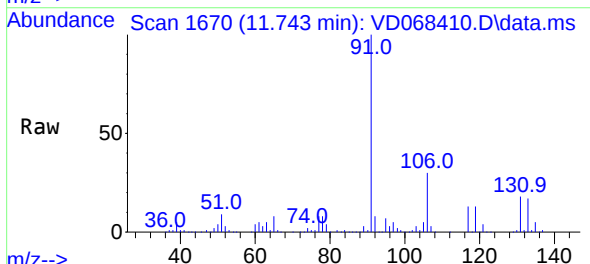
Manual Integrations
APPROVED

MMDadoda

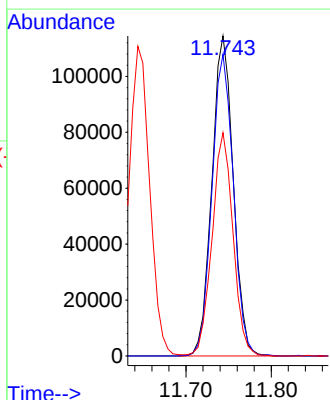
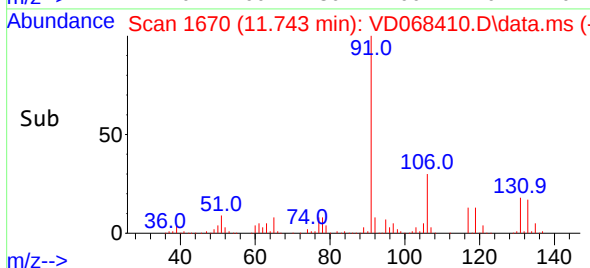
2/23/2021 1:04:47 PM

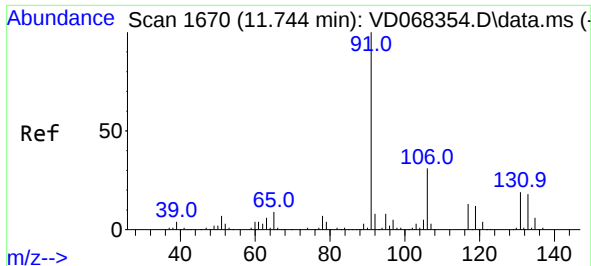


#66
1,1,1,2-Tetrachloroethane
Concen: 49.52 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



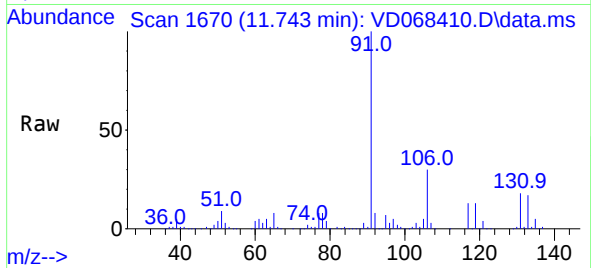
Tgt Ion:131 Resp: 199034
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 68.5 31.6 94.8





#67
Ethyl Benzene
Concen: 49.58 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

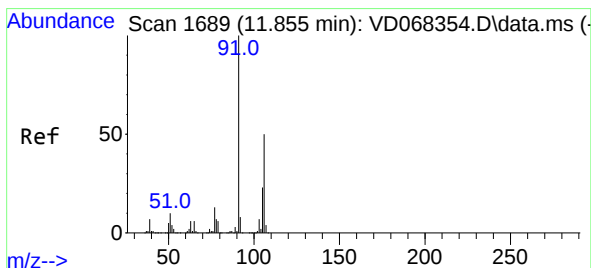
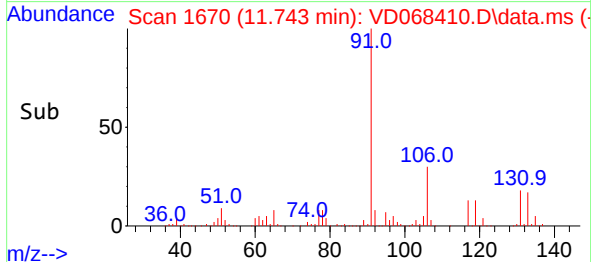
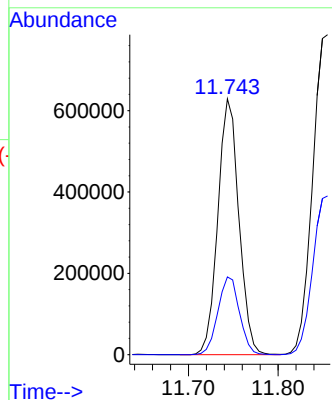


Tgt Ion: 91 Resp: 1024020
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9

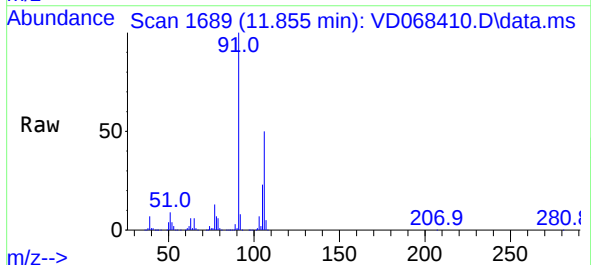
Manual Integrations
APPROVED

MMDadoda

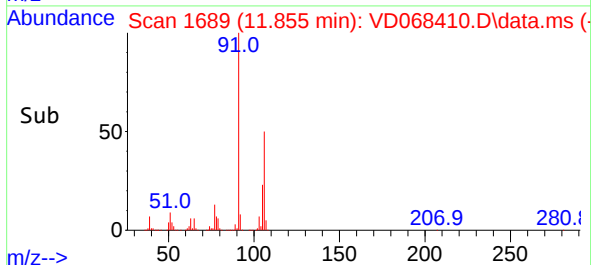
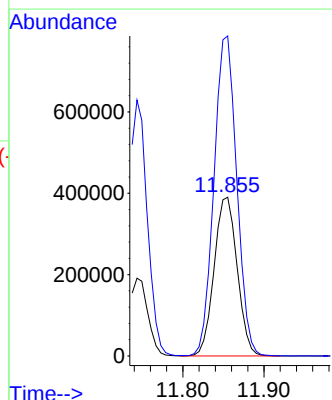
2/23/2021 1:04:47 PM

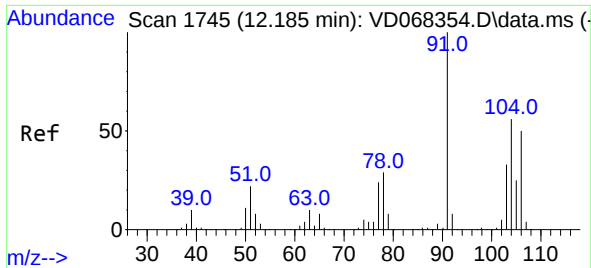


#68
m/p-Xylenes
Concen: 98.61 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 106 Resp: 769768
Ion Ratio Lower Upper
106 100
91 199.2 159.1 238.7





#69
o-Xylene
Concen: 49.42 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

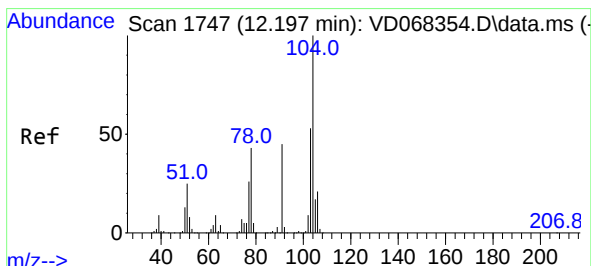
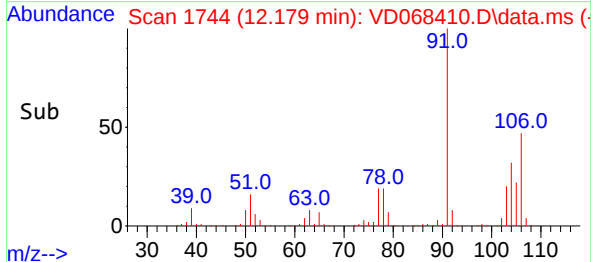
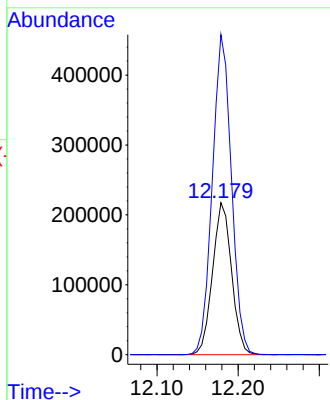
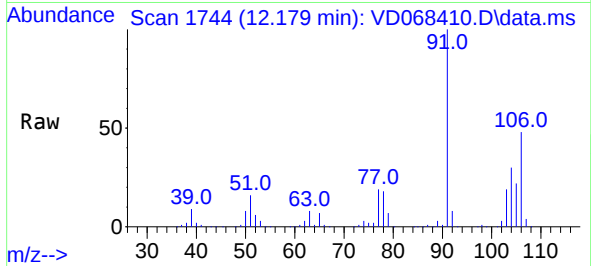
Tgt Ion:106 Resp: 353962
Ion Ratio Lower Upper
106 100
91 211.6 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

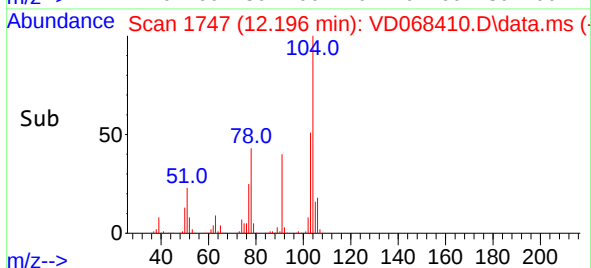
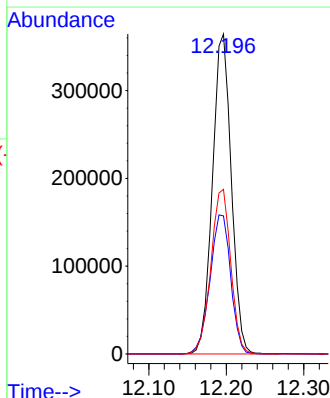
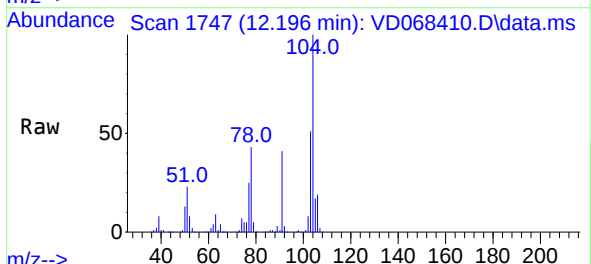
MMDadoda

2/23/2021 1:04:47 PM



#70
Styrene
Concen: 49.49 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion:104 Resp: 616515
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.2
103 54.3 43.1 64.7





#71
Bromoform
Concen: 48.66 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

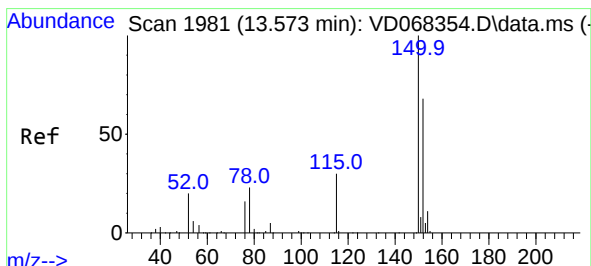
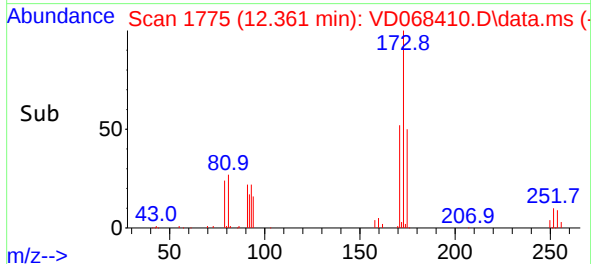
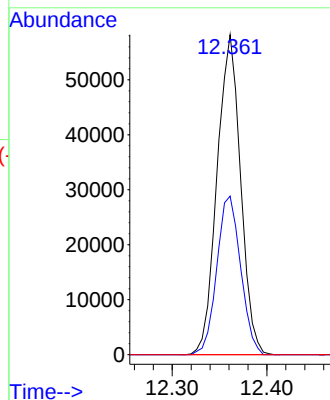
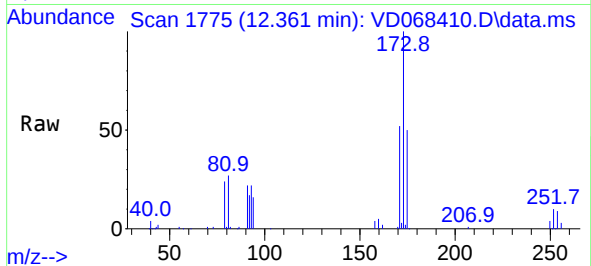
Tgt Ion:173 Resp: 100489
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

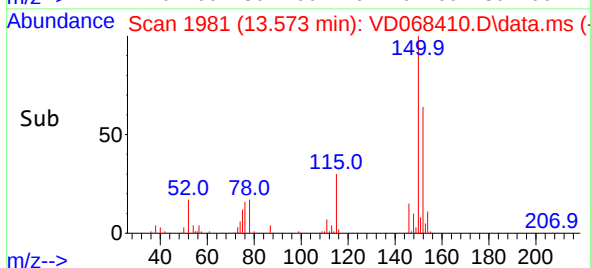
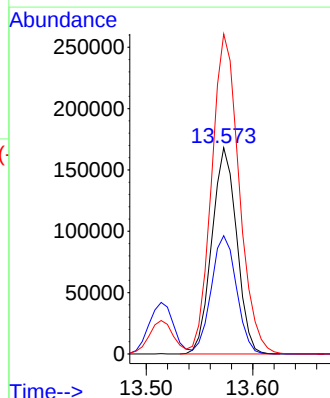
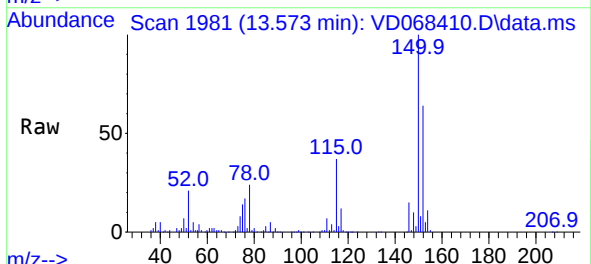
MMDadoda

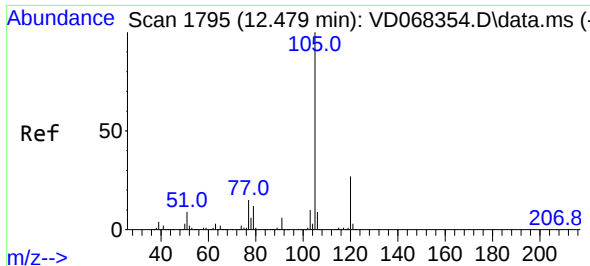
2/23/2021 1:04:47 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

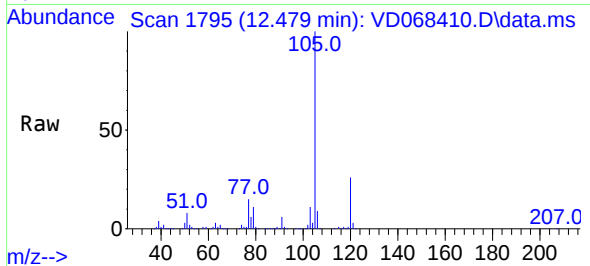
Tgt Ion:152 Resp: 271850
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 171.8 0.0 344.4





#73
Isopropylbenzene
Concen: 49.77 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

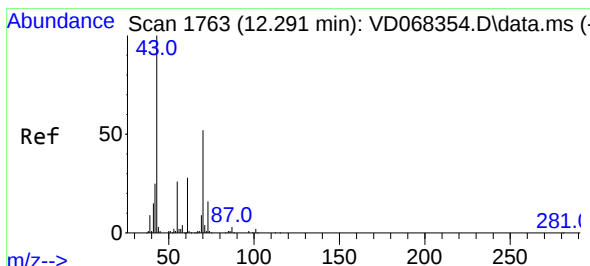
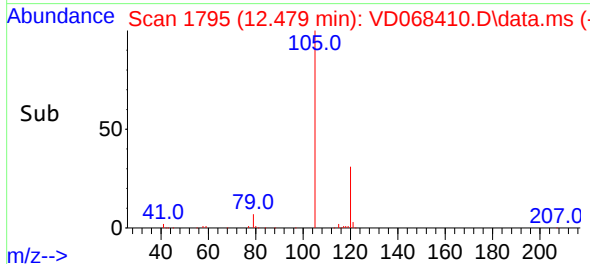
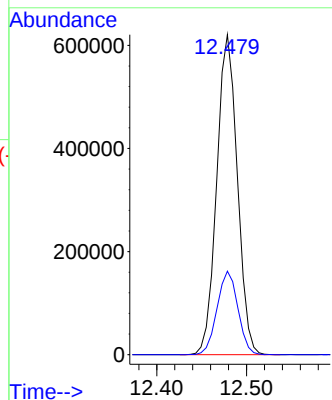


Tgt Ion:105 Resp: 988232
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

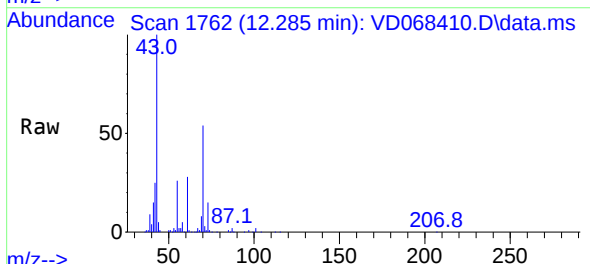
Manual Integrations
APPROVED

MMDadoda

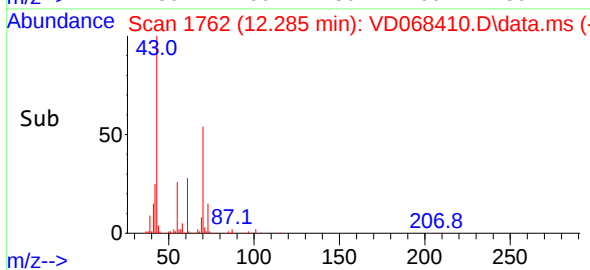
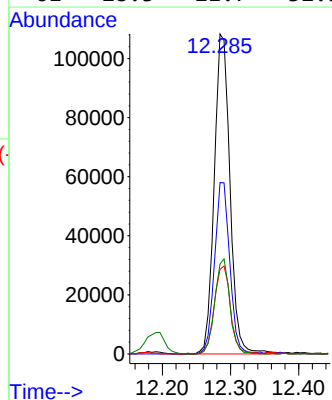
2/23/2021 1:04:47 PM

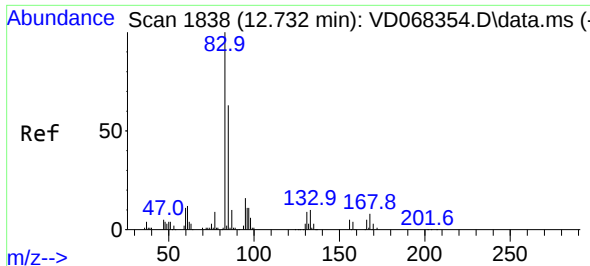


#74
N-ethyl acetate
Concen: 49.72 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 43 Resp: 174344
Ion Ratio Lower Upper
43 100
70 52.0 41.8 62.8
55 28.1 24.2 36.4
61 28.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 48.97 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

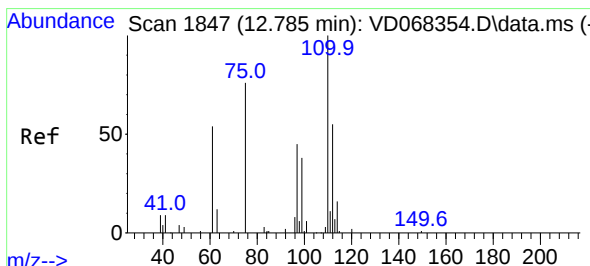
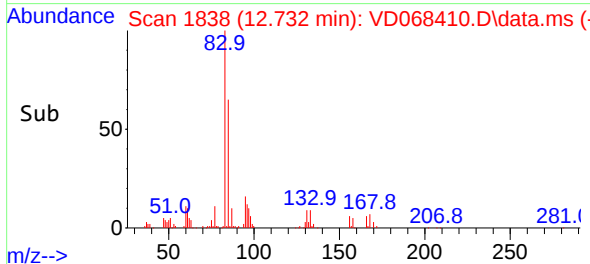
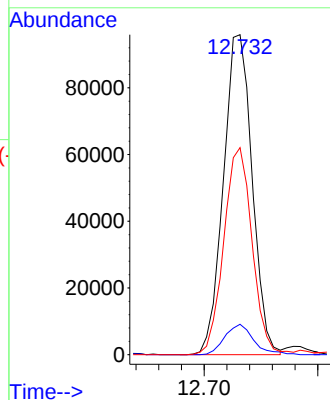
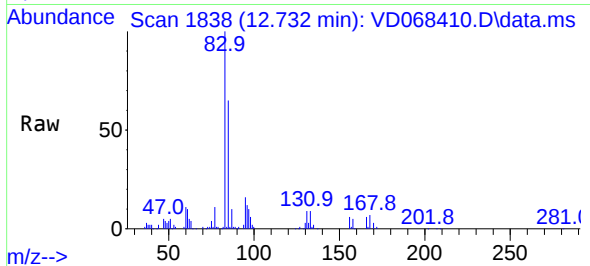
Tgt Ion: 83 Resp: 168523
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.4
85 63.8 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

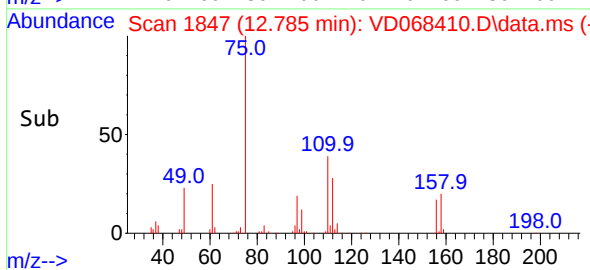
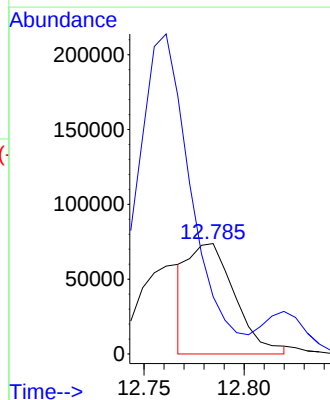
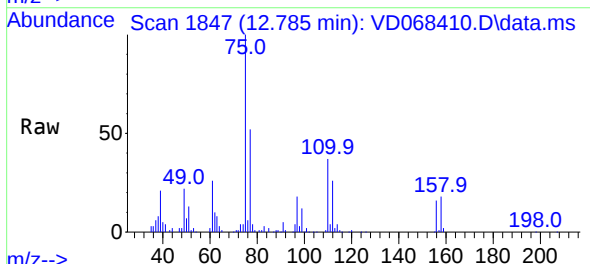
MMDadoda

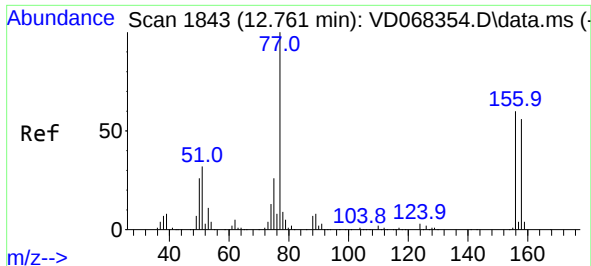
2/23/2021 1:04:47 PM



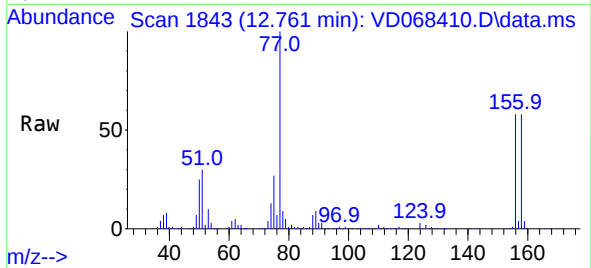
#76
1,2,3-Trichloropropane
Concen: 46.35 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 75 Resp: 119890
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

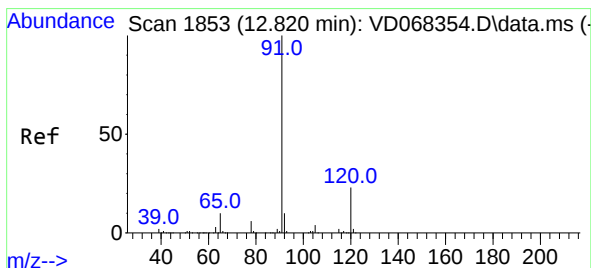
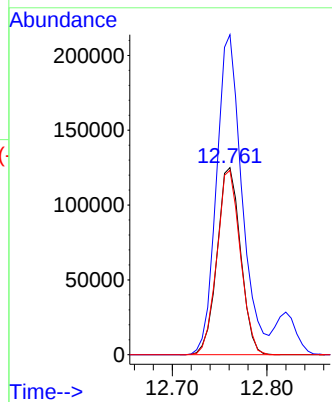
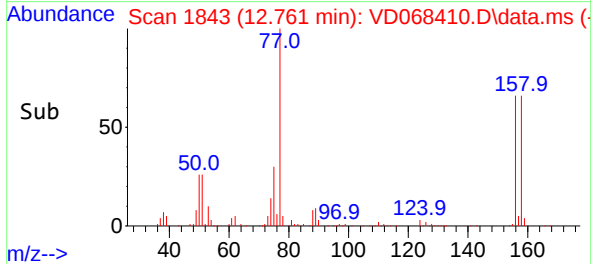




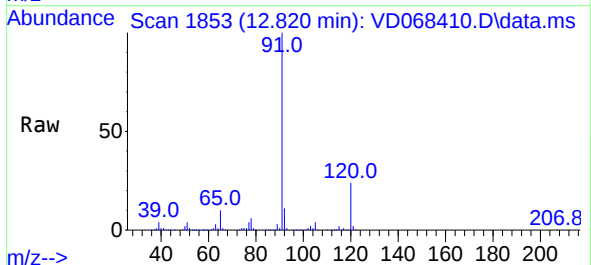
#77
Bromobenzene
Concen: 48.51 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



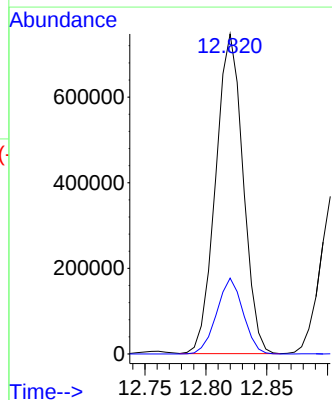
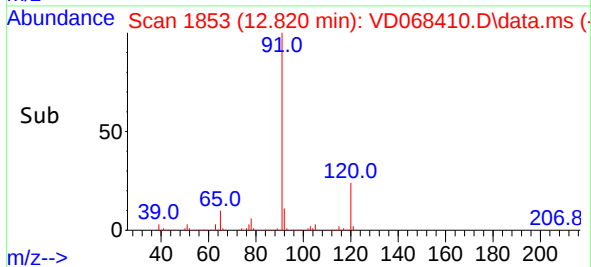
Tgt Ion:156 Resp: 215201
Ion Ratio Lower Upper
156 100
77 186.0 82.8 248.3
158 98.4 48.0 144.0



#78
n-propylbenzene
Concen: 49.19 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 91 Resp: 1169204
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0

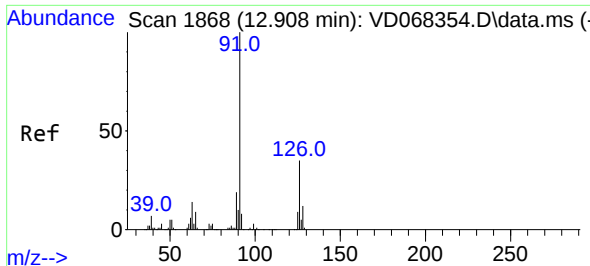


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

2/23/2021 1:04:47 PM



#79
2-Chlorotoluene
Concen: 48.86 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

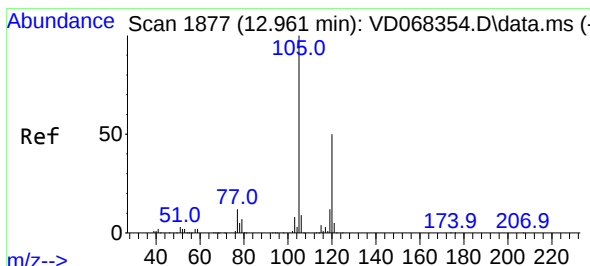
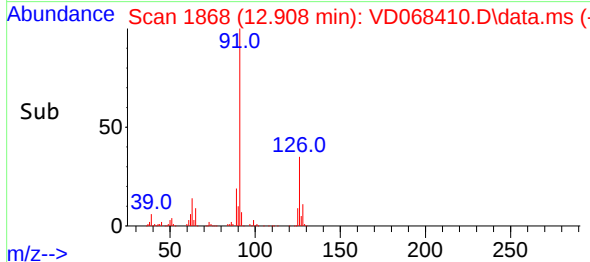
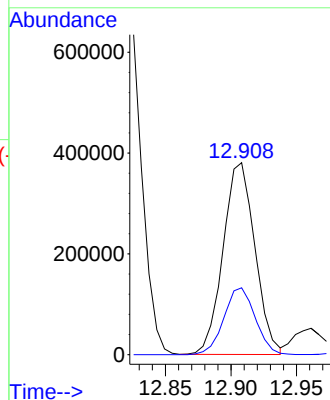
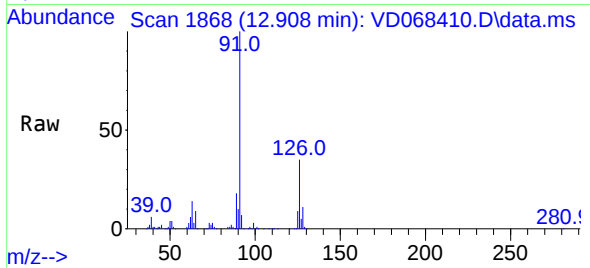
Tgt Ion: 91 Resp: 643195
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

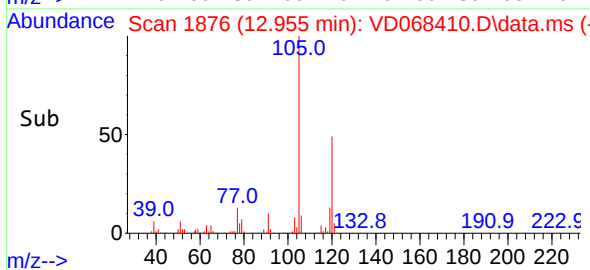
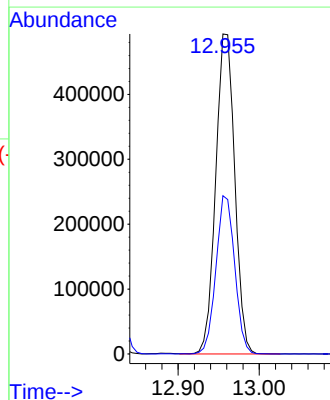
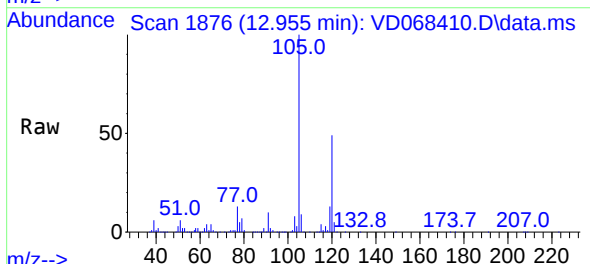
MMDadoda

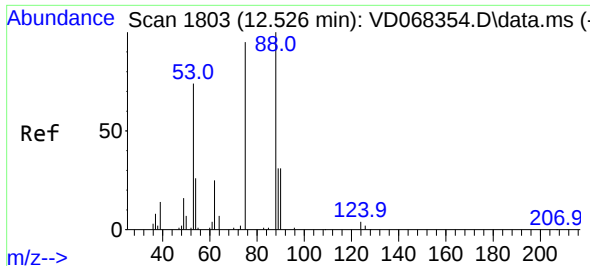
2/23/2021 1:04:47 PM



#80
1,3,5-Trimethylbenzene
Concen: 49.64 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

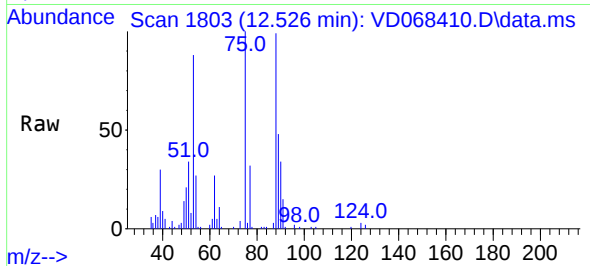
Tgt Ion: 105 Resp: 805447
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.26 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

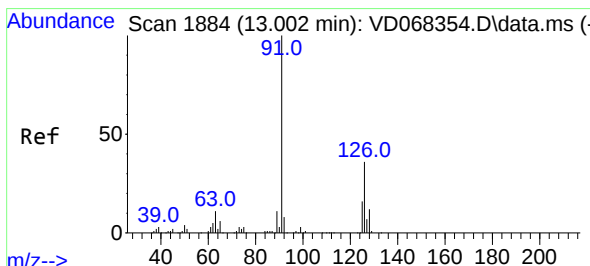
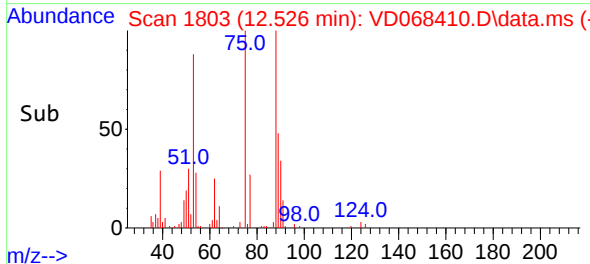
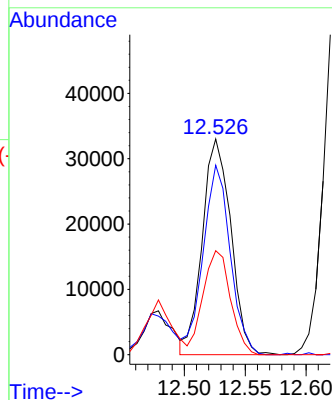


Tgt Ion: 75 Resp: 53934
Ion Ratio Lower Upper
75 100
53 83.6 70.2 105.2
89 46.3 40.3 60.5

Manual Integrations
APPROVED

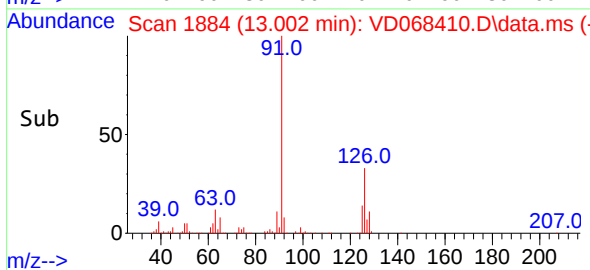
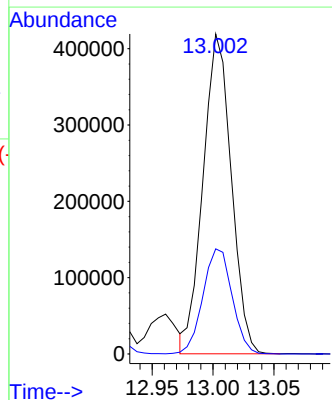
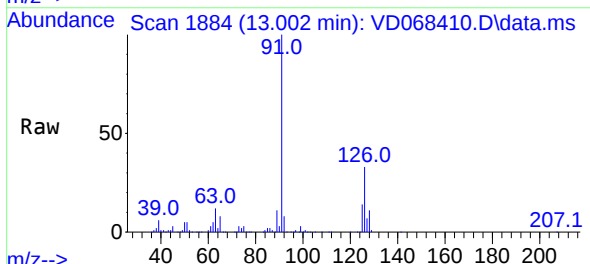
MMDadoda

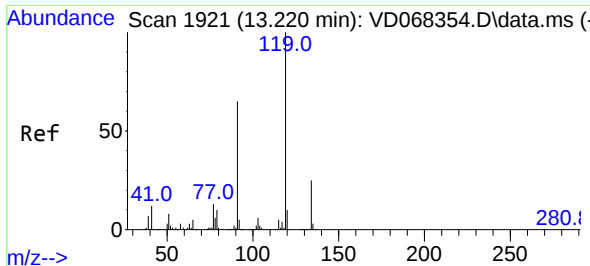
2/23/2021 1:04:47 PM



#82
4-Chlorotoluene
Concen: 48.58 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion: 91 Resp: 676131
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1





#83
tert-Butylbenzene
Concen: 50.10 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

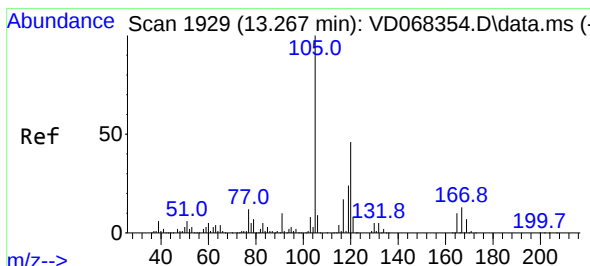
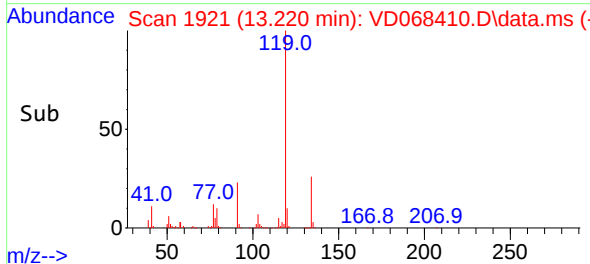
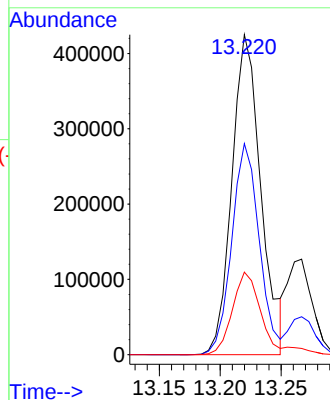
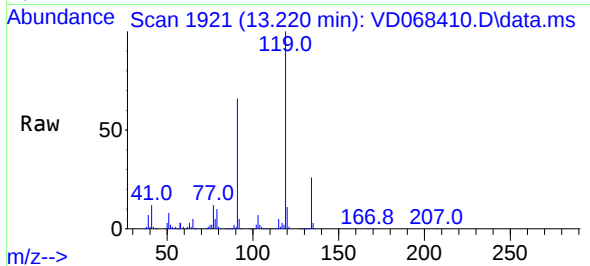
Tgt Ion:119 Resp: 705133
Ion Ratio Lower Upper
119 100
91 62.7 31.1 93.5
134 26.4 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

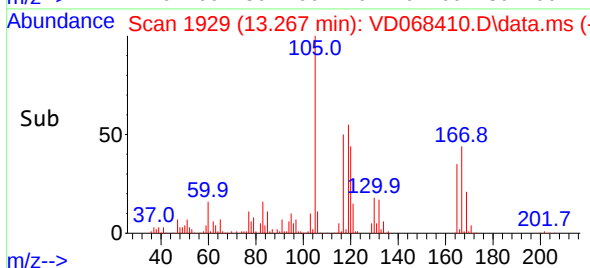
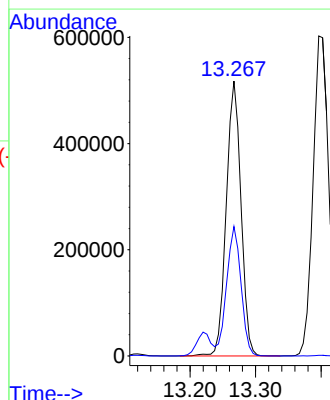
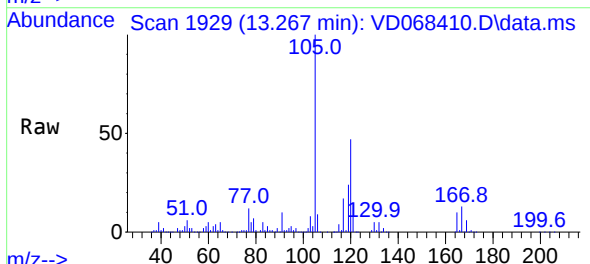
MMDadoda

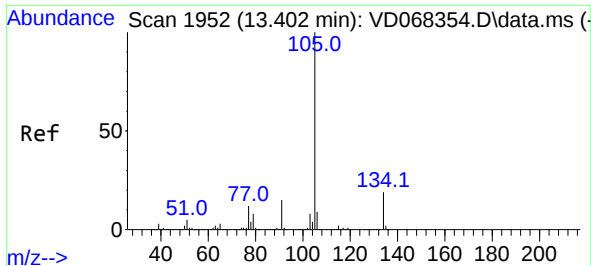
2/23/2021 1:04:47 PM



#84
1,2,4-Trimethylbenzene
Concen: 49.80 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

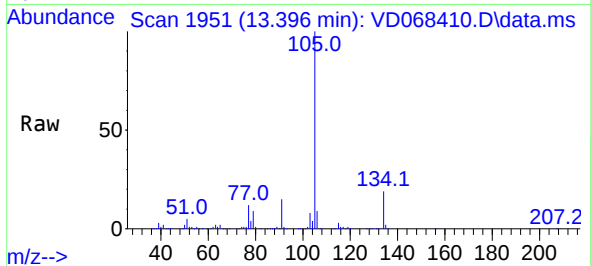
Tgt Ion:105 Resp: 805021
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 50.32 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VD068410.D
 Acq: 22 Feb 2021 09:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

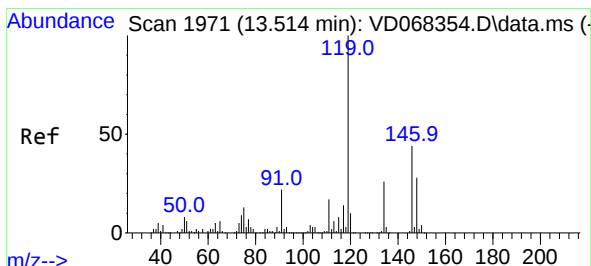
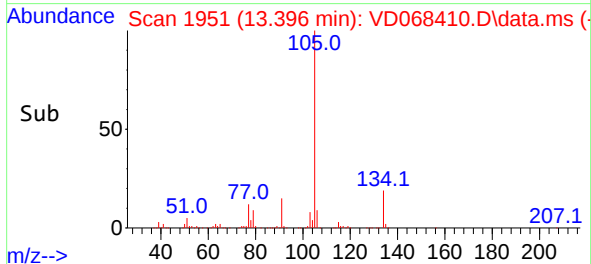
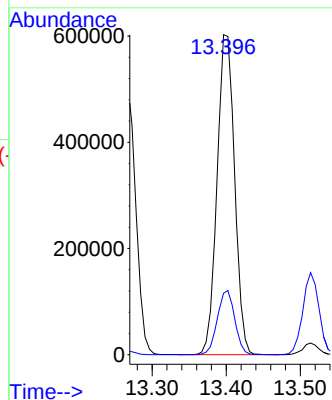


Tgt Ion:105 Resp: 990567
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.9

Manual Integrations
 APPROVED

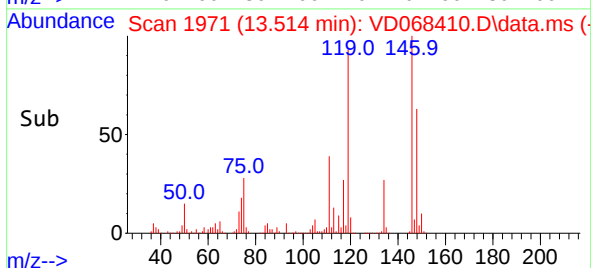
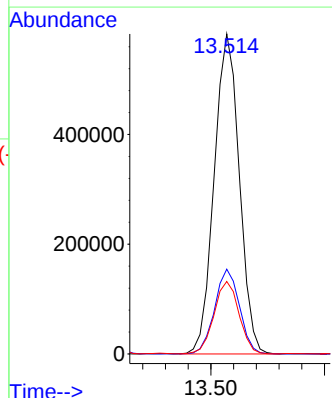
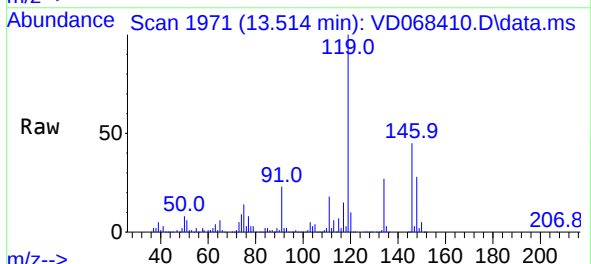
MMDadoda

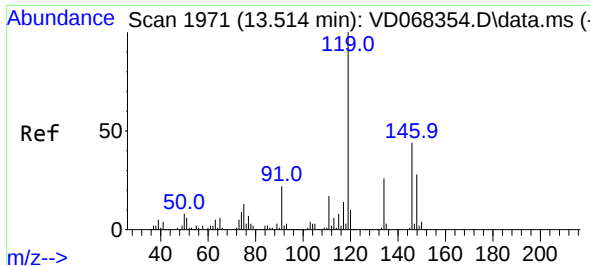
2/23/2021 1:04:47 PM



#86
 p-Isopropyltoluene
 Concen: 50.71 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068410.D
 Acq: 22 Feb 2021 09:54

Tgt Ion:119 Resp: 896258
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 49.02 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

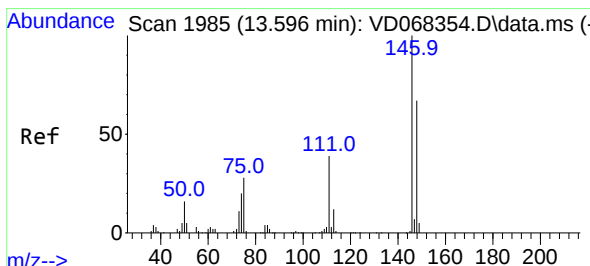
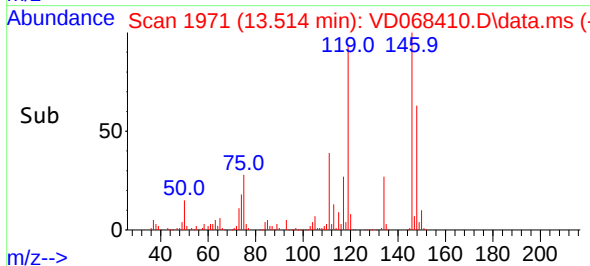
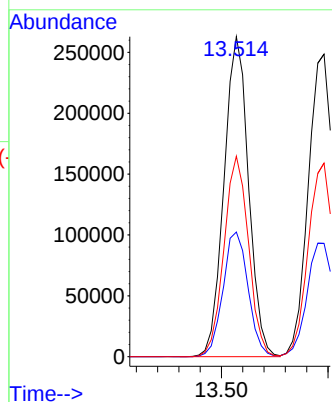
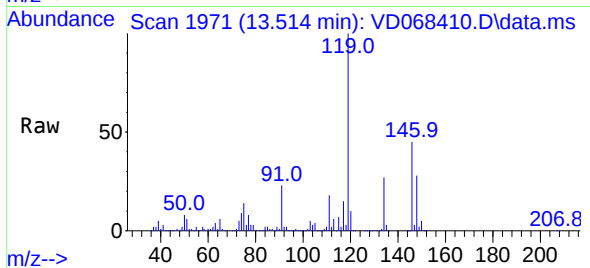
Tgt Ion:146 Resp: 420677
Ion Ratio Lower Upper
146 100
111 39.9 19.5 58.5
148 62.6 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

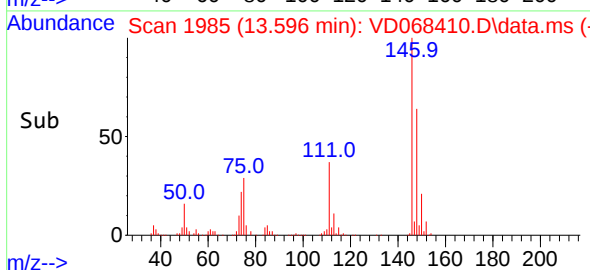
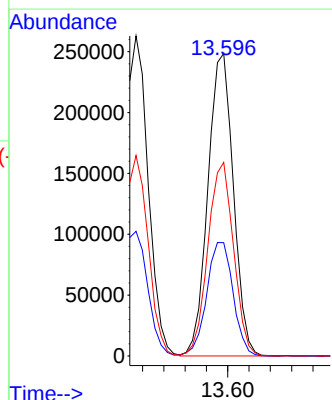
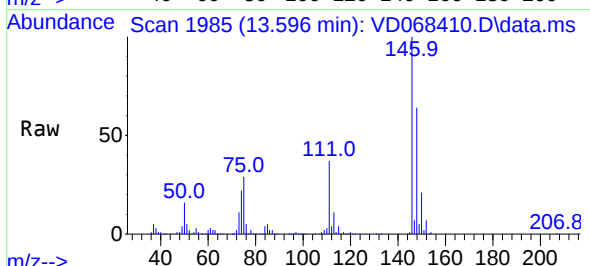
MMDadoda

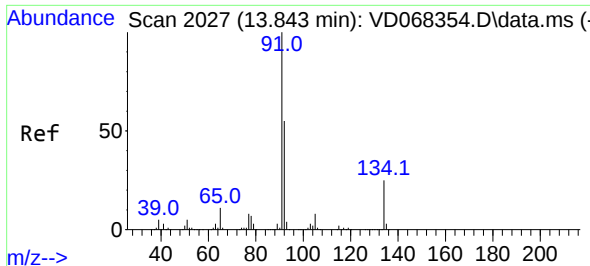
2/23/2021 1:04:47 PM



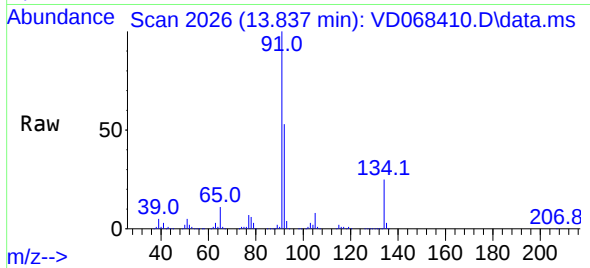
#88
1,4-Dichlorobenzene
Concen: 48.41 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion:146 Resp: 413426
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.6 31.9 95.7

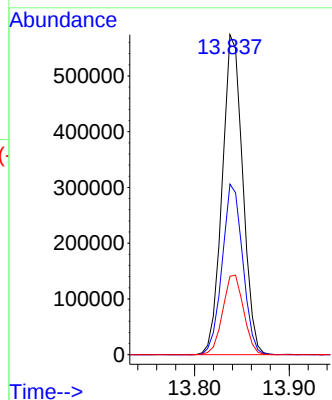
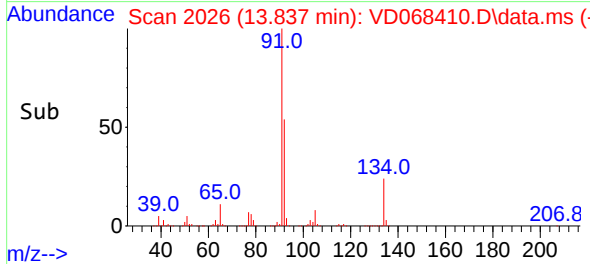




#89
n-Butylbenzene
Concen: 50.11 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion: 91 Resp: 864204
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 25.4 13.9 41.7

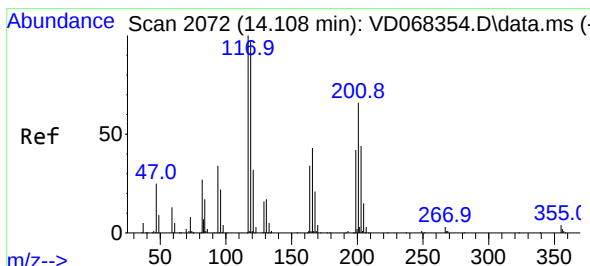


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

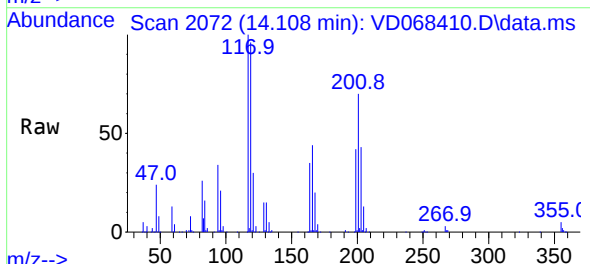
Manual Integrations
APPROVED

MMDadoda

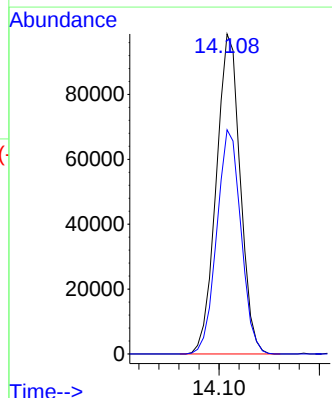
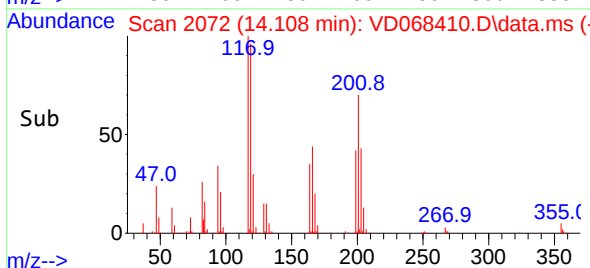
2/23/2021 1:04:47 PM

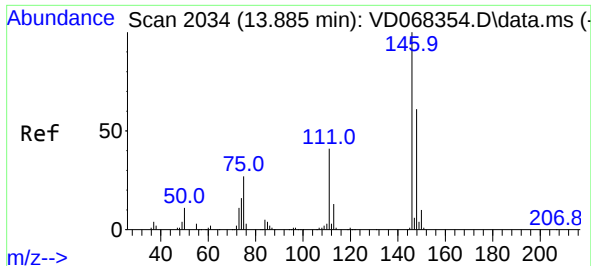


#90
Hexachloroethane
Concen: 51.01 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



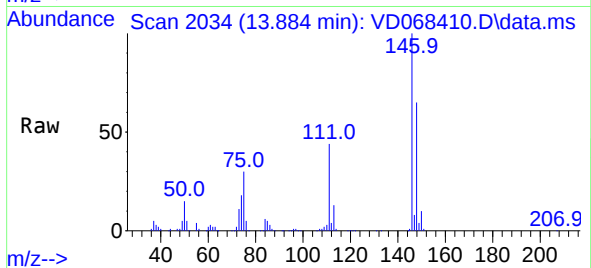
Tgt Ion: 117 Resp: 163694
Ion Ratio Lower Upper
117 100
201 70.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 49.20 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

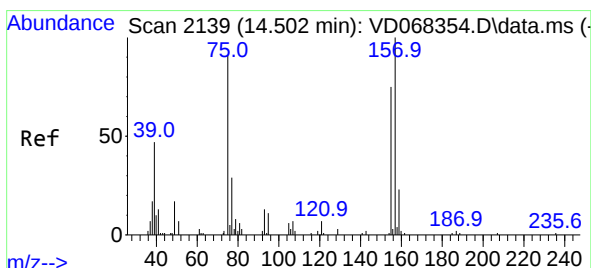
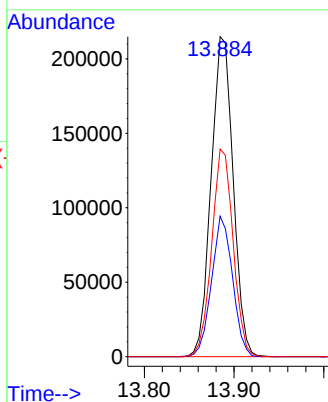
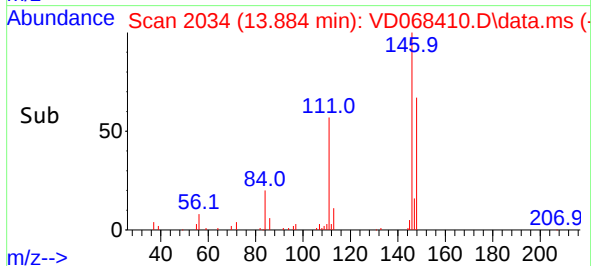


Tgt Ion:146 Resp: 366131
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.3 31.7 95.1

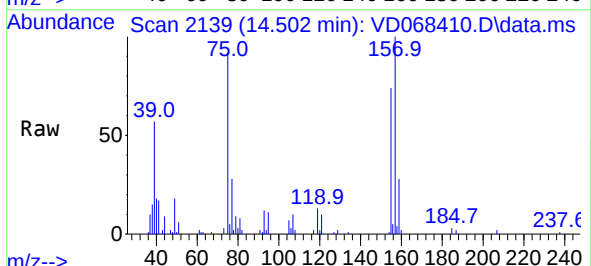
Manual Integrations
APPROVED

MMDadoda

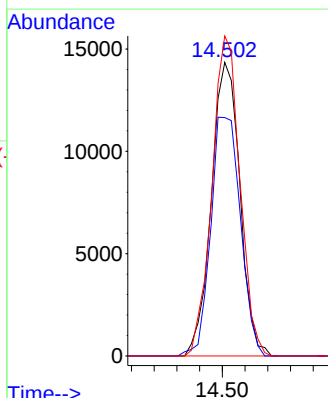
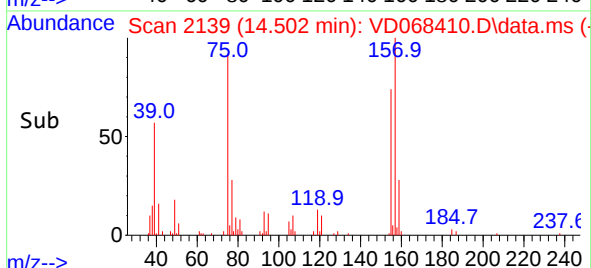
2/23/2021 1:04:47 PM

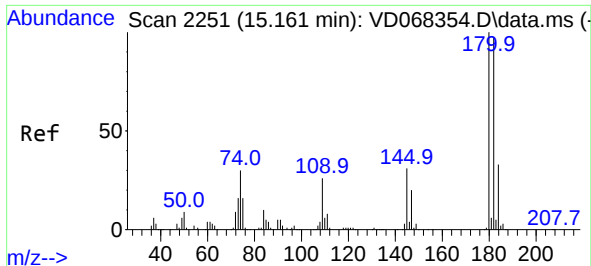


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.68 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



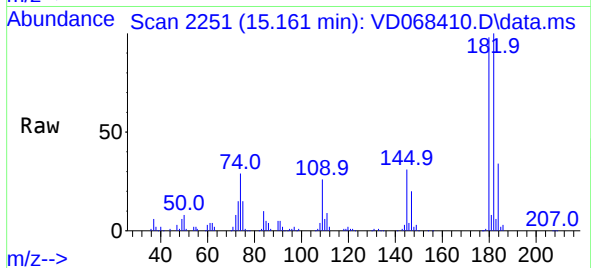
Tgt Ion: 75 Resp: 24995
Ion Ratio Lower Upper
75 100
155 84.8 48.0 144.2
157 106.8 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 49.41 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

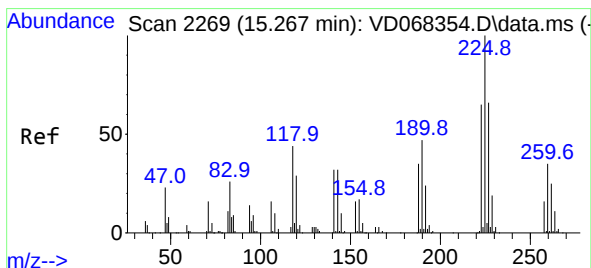
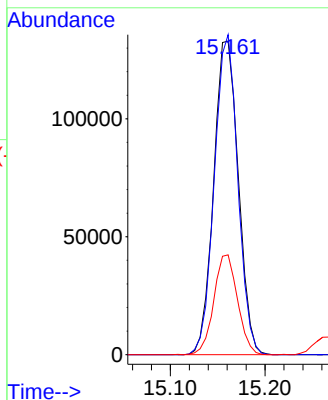
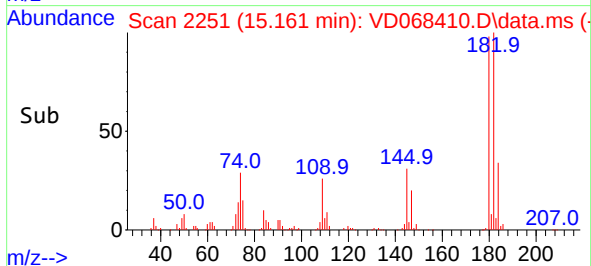


Tgt Ion:180 Resp: 240805
Ion Ratio Lower Upper
180 100
182 96.9 46.8 140.4
145 30.6 15.2 45.5

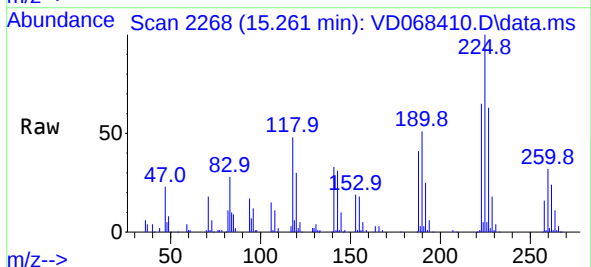
Manual Integrations
APPROVED

MMDadoda

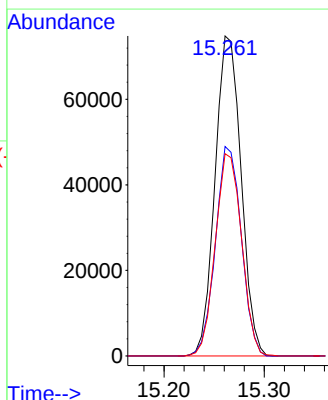
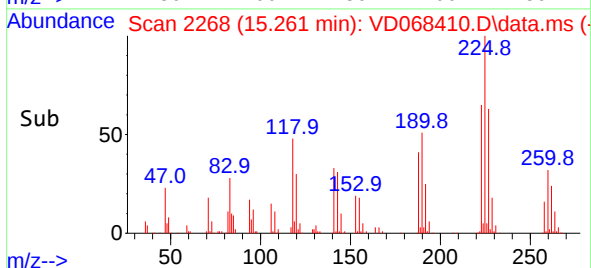
2/23/2021 1:04:47 PM

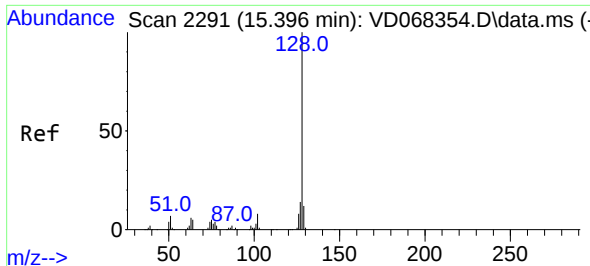


#94
Hexachlorobutadiene
Concen: 50.39 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54



Tgt Ion:225 Resp: 135097
Ion Ratio Lower Upper
225 100
223 64.8 31.9 95.5
227 63.8 32.1 96.5





#95
Naphthalene
Concen: 49.39 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion:128 Resp: 447496

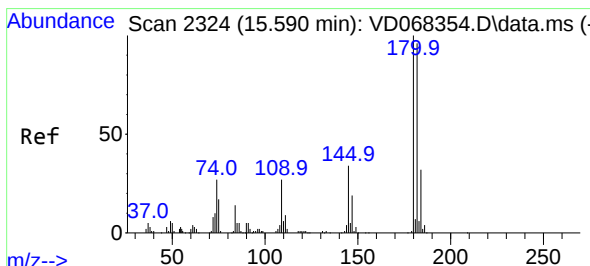
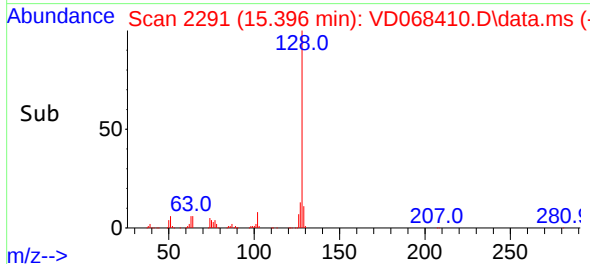
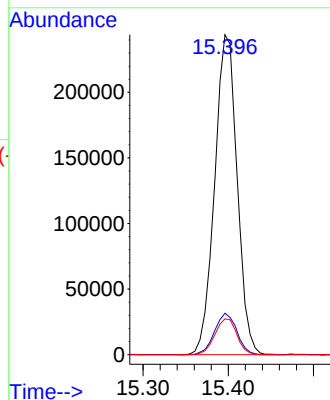
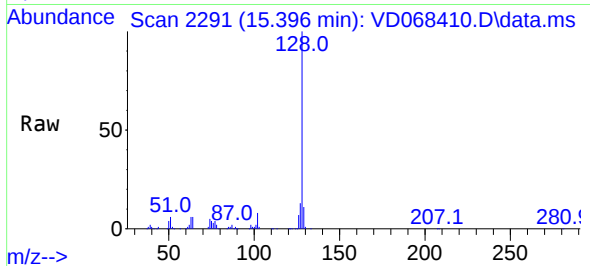
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

2/23/2021 1:04:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.68 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068410.D
Acq: 22 Feb 2021 09:54

Tgt Ion:180 Resp: 211209

Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.3	144.8
145	30.7	16.7	50.1

