

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069684.D
 Acq On : 14 Jul 2021 10:24
 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

7/15/2021 5:51:11 PM

Quant Time: Jul 14 16:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	654417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1135931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1081005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	499145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	391851	47.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.908	113	381971	50.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.240%		
50) Toluene-d8	10.338	98	1531049	51.713	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.420%		
62) 4-Bromofluorobenzene	12.626	95	518714	52.533	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	332444	49.285	ug/l	100
3) Chloromethane	2.209	50	443265	47.985	ug/l	99
4) Vinyl Chloride	2.344	62	475514	47.768	ug/l	99
5) Bromomethane	2.761	94	300487	48.811	ug/l	98
6) Chloroethane	2.920	64	302676	47.521	ug/l	95
7) Trichlorofluoromethane	3.273	101	595458	47.433	ug/l	98
8) Diethyl Ether	3.703	74	162081	44.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	372676	47.871	ug/l	99
10) Methyl Iodide	4.297	142	334049	41.470	ug/l	99
11) Tert butyl alcohol	5.208	59	164401	150.586	ug/l	98
12) 1,1-Dichloroethene	4.067	96	338738	47.463	ug/l	94
13) Acrolein	3.920	56	136852	242.929	ug/l	96
14) Allyl chloride	4.714	41	505169	45.811	ug/l	98
15) Acrylonitrile	5.414	53	376385	226.621	ug/l	99
16) Acetone	4.156	43	324222	200.273	ug/l	97
17) Carbon Disulfide	4.403	76	1231054	48.891	ug/l	99
18) Methyl Acetate	4.714	43	164038	40.103	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	714659	47.303	ug/l	100
20) Methylene Chloride	4.955	84	478729	41.064	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	397461	46.635	ug/l	98
22) Diisopropyl ether	6.355	45	1122709	49.125	ug/l	98
23) Vinyl Acetate	6.302	43	2767550	217.486	ug/l	98
24) 1,1-Dichloroethane	6.261	63	730334	45.794	ug/l	98
25) 2-Butanone	7.208	43	426578	220.882	ug/l	96
26) 2,2-Dichloropropane	7.208	77	583049	45.822	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	420254	45.711	ug/l	99
28) Bromochloromethane	7.544	49	318646	51.772	ug/l	97
29) Tetrahydrofuran	7.561	42	276459	231.049	ug/l	98
30) Chloroform	7.708	83	720902	45.442	ug/l	99
31) Cyclohexane	7.979	56	659449	47.471	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	620764	46.147	ug/l	98
36) 1,1-Dichloropropene	8.108	75	569013	48.555	ug/l	99
37) Ethyl Acetate	7.285	43	195318	44.061	ug/l	99
38) Carbon Tetrachloride	8.091	117	531537	49.532	ug/l	98
39) Methylcyclohexane	9.355	83	652659	46.755	ug/l	98
40) Benzene	8.349	78	1642168	48.584	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069684.D
 Acq On : 14 Jul 2021 10:24
 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

7/15/2021 5:51:11 PM

Quant Time: Jul 14 16:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	104427	45.455	ug/l	98
42) 1,2-Dichloroethane	8.420	62	425096	46.335	ug/l	100
43) Isopropyl Acetate	8.449	43	365404	45.013	ug/l	99
44) Trichloroethene	9.108	130	383326	46.768	ug/l	96
45) 1,2-Dichloropropane	9.385	63	427564	48.128	ug/l	100
46) Dibromomethane	9.473	93	203080	46.837	ug/l	98
47) Bromodichloromethane	9.661	83	535655	46.613	ug/l	99
48) Methyl methacrylate	9.455	41	178272	42.476	ug/l	97
49) 1,4-Dioxane	9.455	88	42692	769.016	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	989409	235.360	ug/l	100
52) Toluene	10.396	92	999687	49.172	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	452521	46.844	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	541512	45.649	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	285184	47.019	ug/l	96
56) Ethyl methacrylate	10.655	69	332909	43.195	ug/l	99
57) 1,3-Dichloropropane	10.943	76	502170	46.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	843756	244.532	ug/l	99
59) 2-Hexanone	10.979	43	673735	240.450	ug/l	99
60) Dibromochloromethane	11.132	129	327580	46.296	ug/l	98
61) 1,2-Dibromoethane	11.243	107	262904	46.719	ug/l	99
64) Tetrachloroethene	10.873	164	309232	46.844	ug/l	96
65) Chlorobenzene	11.667	112	1018169	47.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	358132	46.426	ug/l	99
67) Ethyl Benzene	11.737	91	1872085	48.955	ug/l	99
68) m/p-Xylenes	11.849	106	1456758	100.740	ug/l	100
69) o-Xylene	12.173	106	651183	49.453	ug/l	100
70) Styrene	12.190	104	1169621	50.900	ug/l	99
71) Bromoform	12.355	173	175802	47.005	ug/l #	99
73) Isopropylbenzene	12.473	105	1728074	48.621	ug/l	99
74) N-amyl acetate	12.279	43	345117	44.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	317343	44.827	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	229057m	47.237	ug/l	
77) Bromobenzene	12.755	156	367055	46.550	ug/l	97
78) n-propylbenzene	12.814	91	2224361	49.359	ug/l	100
79) 2-Chlorotoluene	12.902	91	1255248	47.380	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1478948	49.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	84074	46.596	ug/l	99
82) 4-Chlorotoluene	12.996	91	1316546	47.355	ug/l	100
83) tert-Butylbenzene	13.214	119	1180294	48.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1457618	48.735	ug/l	99
85) sec-Butylbenzene	13.390	105	1882371	48.736	ug/l	99
86) p-Isopropyltoluene	13.508	119	1539186	48.928	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	776995	47.448	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	742749	45.417	ug/l	99
89) n-Butylbenzene	13.831	91	1493274	47.912	ug/l	99
90) Hexachloroethane	14.102	117	298832	46.681	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	659135	46.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	46198	43.814	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	359287	45.769	ug/l	98
94) Hexachlorobutadiene	15.255	225	223743	47.274	ug/l	97
95) Naphthalene	15.384	128	643444	41.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	310168	45.999	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
Data File : VD069684.D
Acq On : 14 Jul 2021 10:24
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

7/15/2021 5:51:11 PM

Quant Time: Jul 14 16:28:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069684.D
 Acq On : 14 Jul 2021 10:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

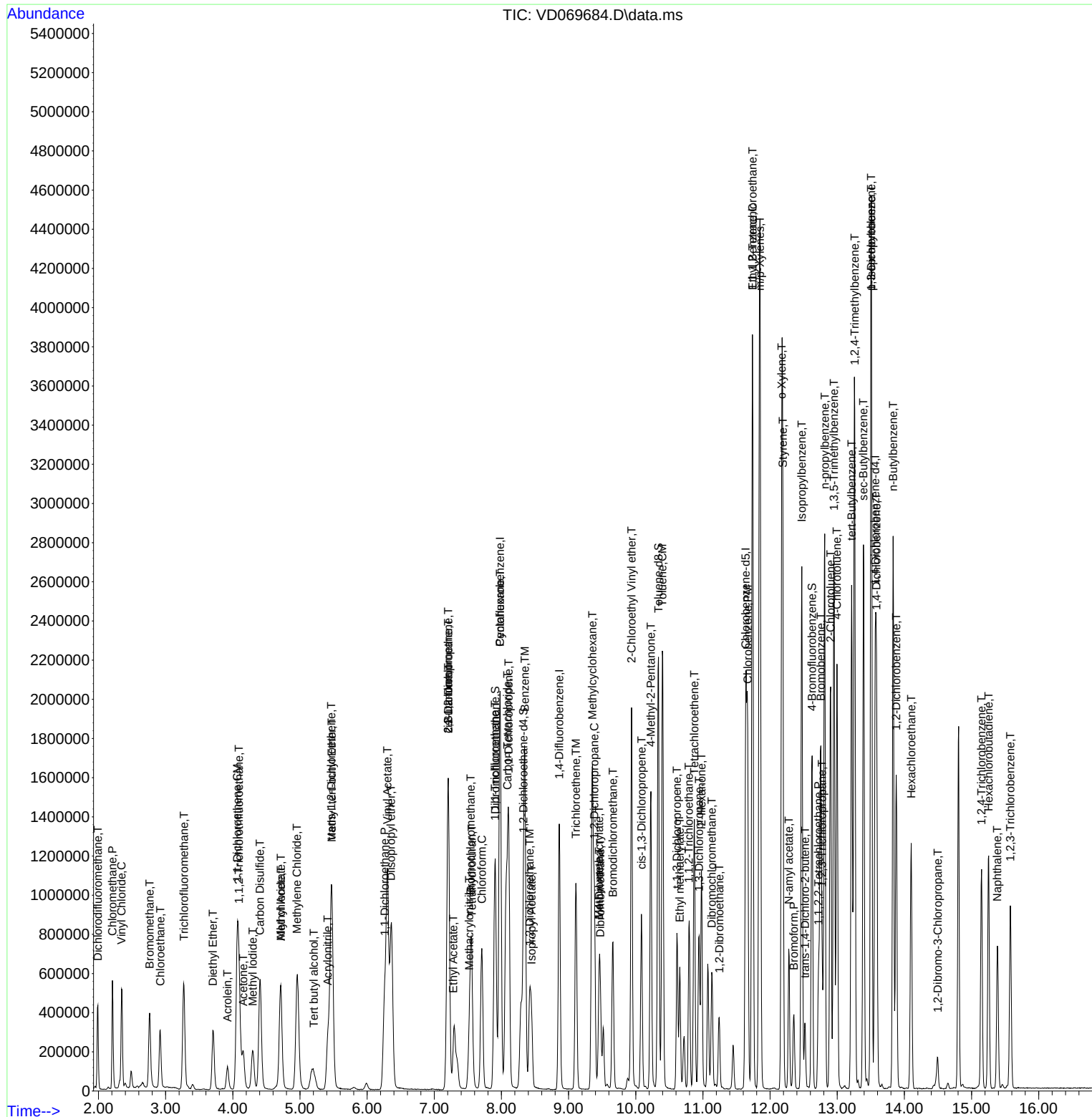
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

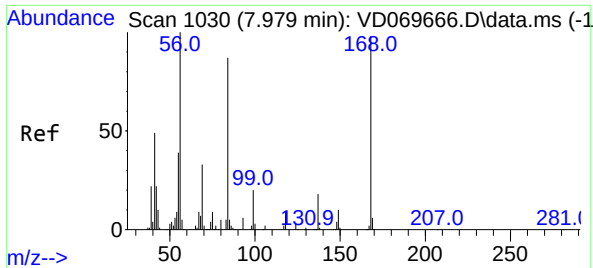
Manual Integrations
 APPROVED

MMDadoda

7/15/2021 5:51:11 PM

Quant Time: Jul 14 16:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

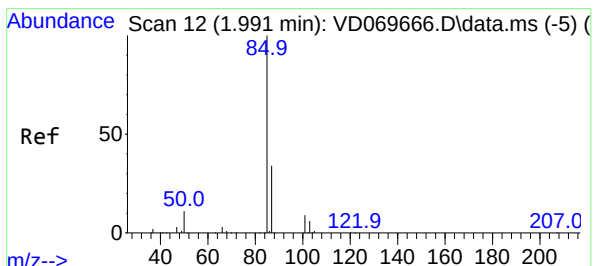
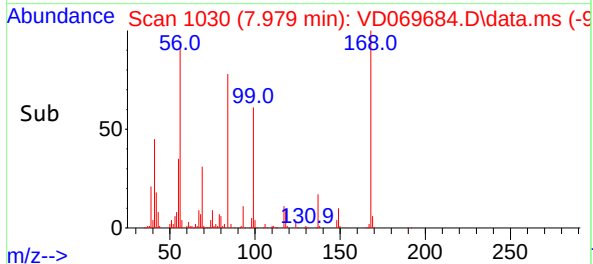
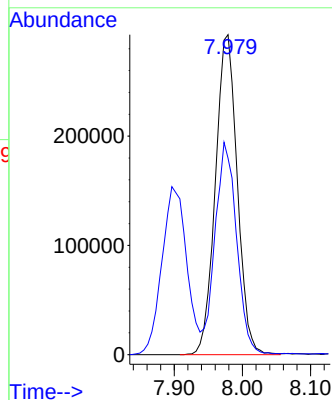
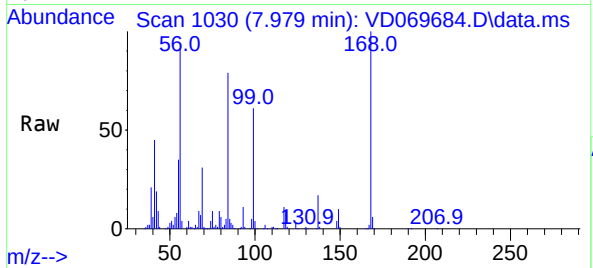
Tgt Ion:168 Resp: 654417
Ion Ratio Lower Upper
168 100
99 61.1 51.8 77.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

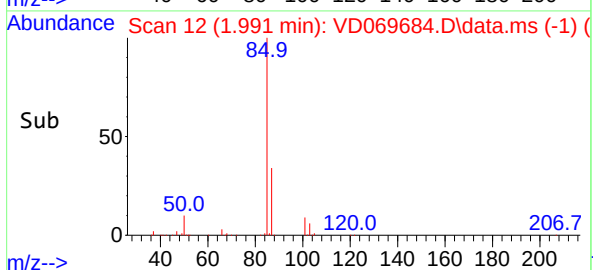
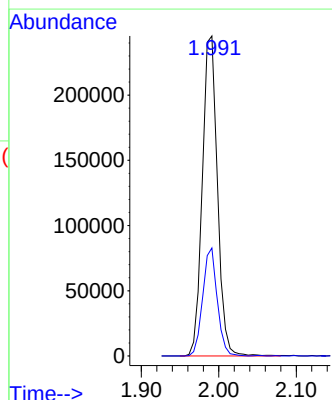
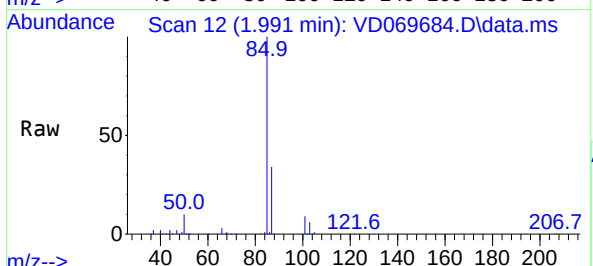
MMDadoda

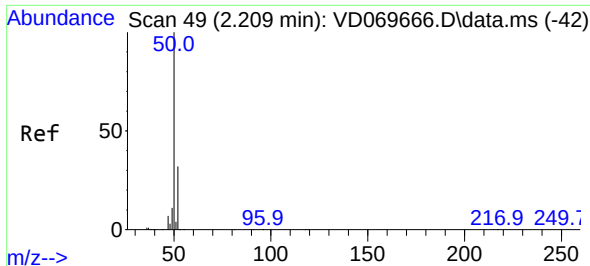
7/15/2021 5:51:11 PM



#2
Dichlorodifluoromethane
Concen: 49.285 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

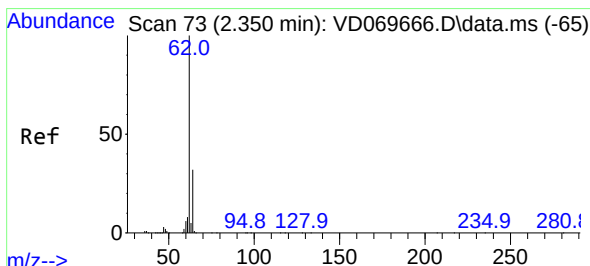
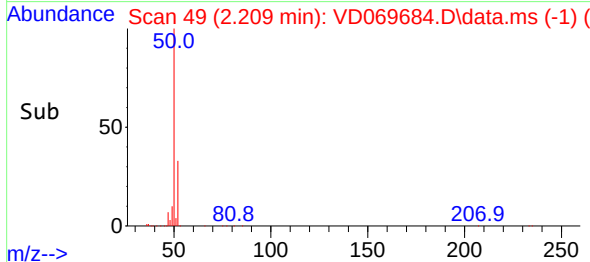
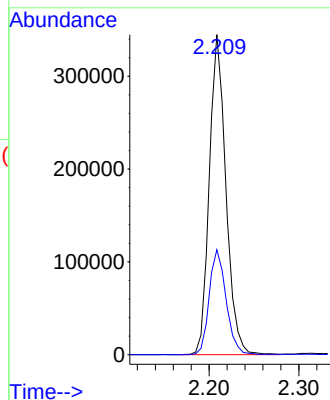
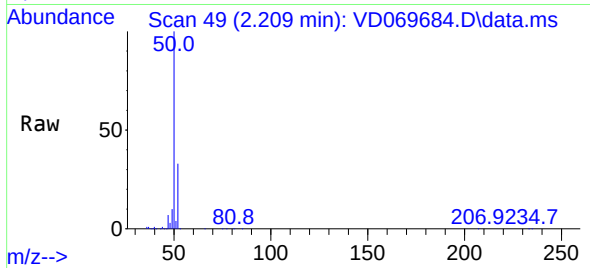
Tgt Ion: 85 Resp: 332444
Ion Ratio Lower Upper
85 100
87 33.7 17.0 51.0





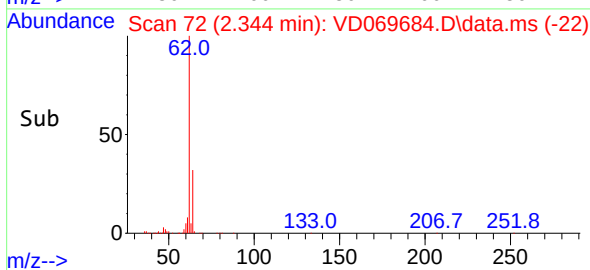
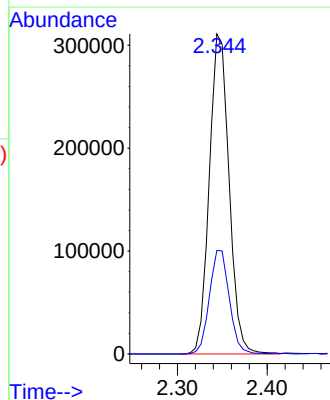
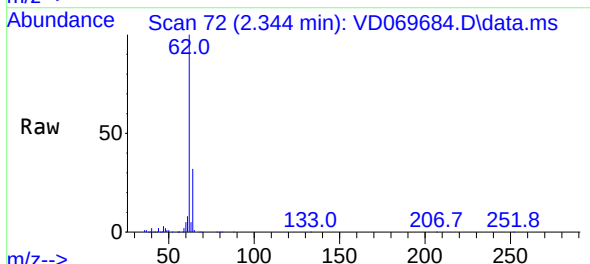
#3
Chloromethane
Concen: 47.985 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 50 Resp: 443265
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 47.768 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 62 Resp: 475514
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

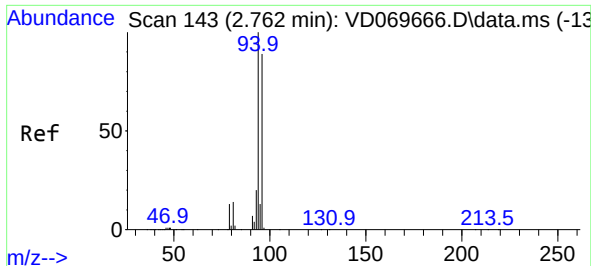


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#5
Bromomethane
Concen: 48.811 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

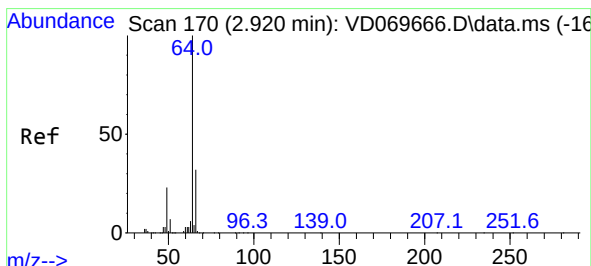
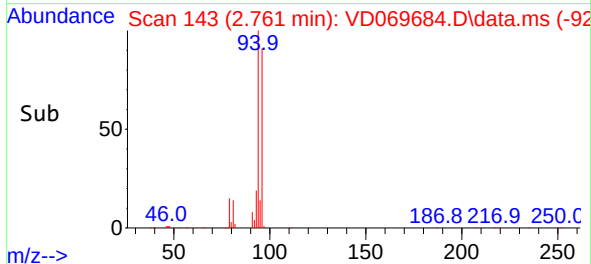
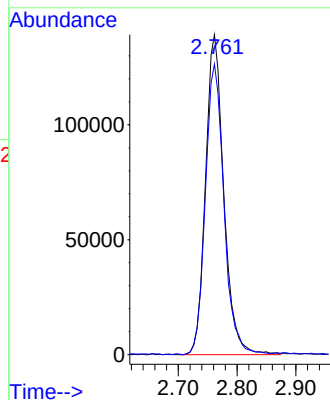
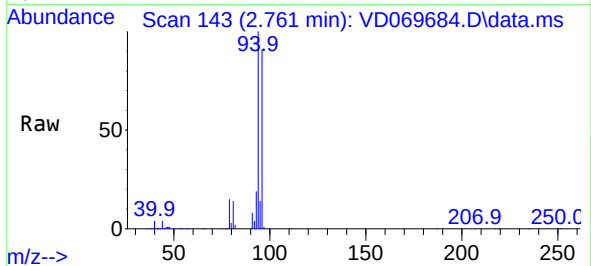
Tgt Ion: 94 Resp: 300487
Ion Ratio Lower Upper
94 100
96 90.7 71.2 106.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

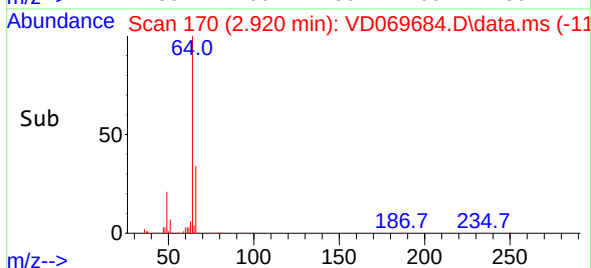
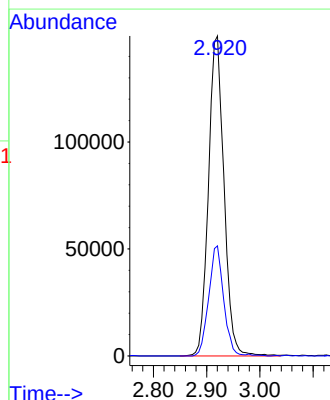
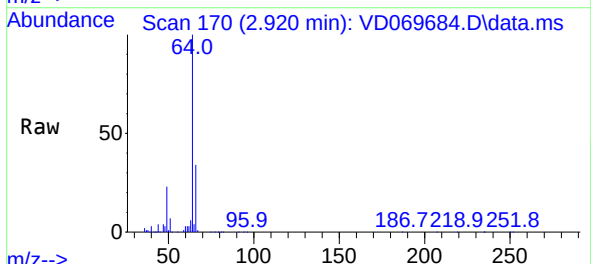
MMDadoda

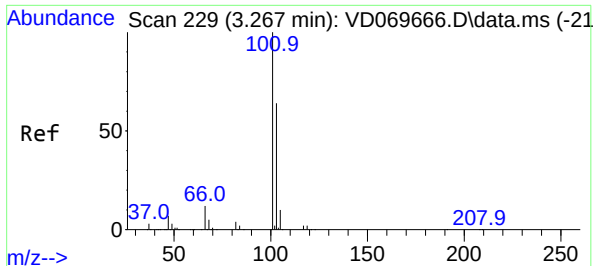
7/15/2021 5:51:11 PM



#6
Chloroethane
Concen: 47.521 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

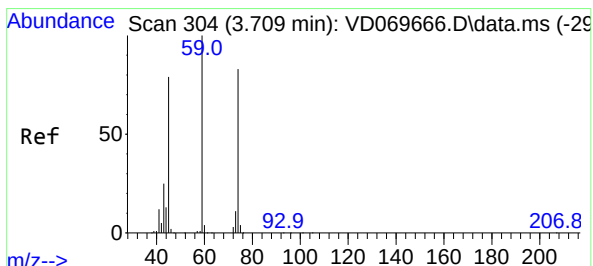
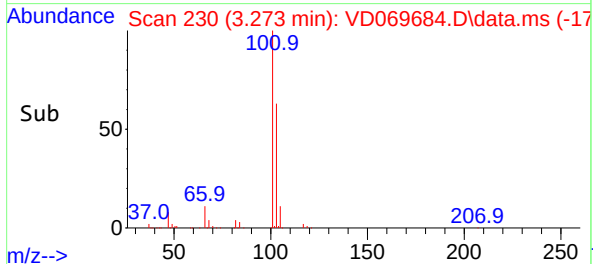
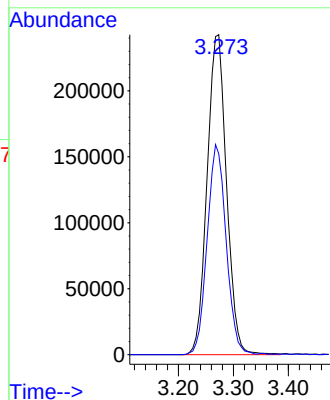
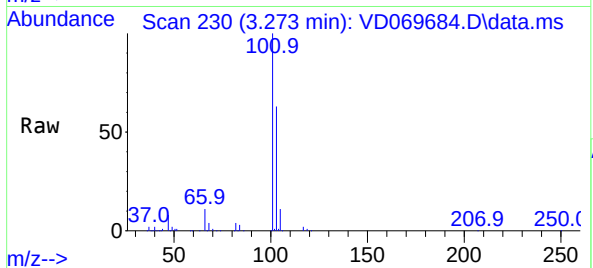
Tgt Ion: 64 Resp: 302676
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





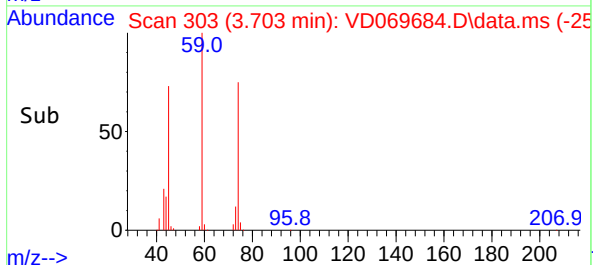
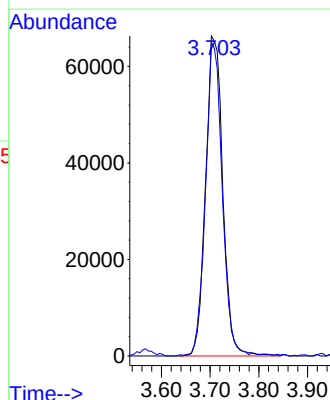
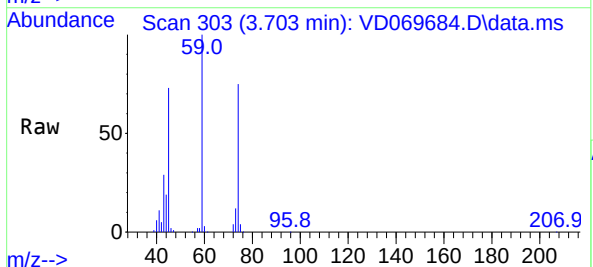
#7
Trichlorofluoromethane
Concen: 47.433 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:101 Resp: 595458
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0



#8
Diethyl Ether
Concen: 44.253 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 74 Resp: 162081
Ion Ratio Lower Upper
74 100
45 95.4 48.4 145.0

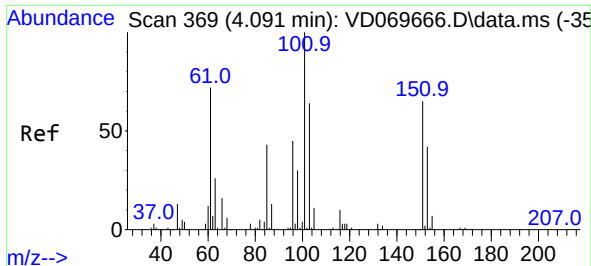


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.871 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

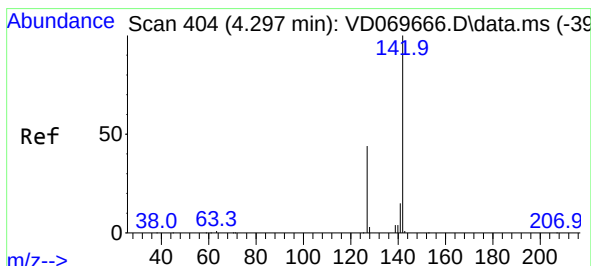
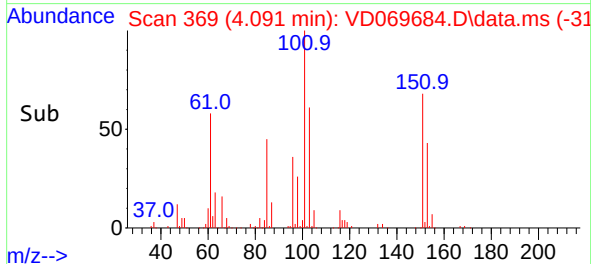
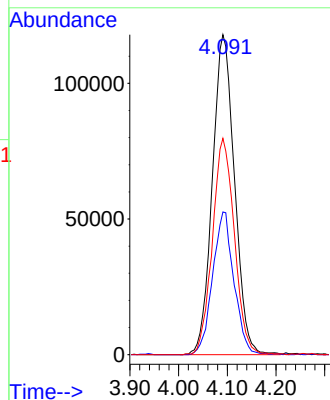
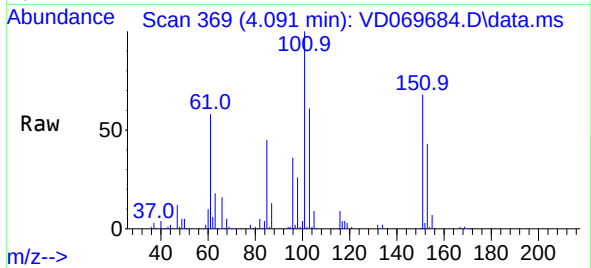
Tgt Ion:101 Resp: 372676
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 67.2 54.4 81.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

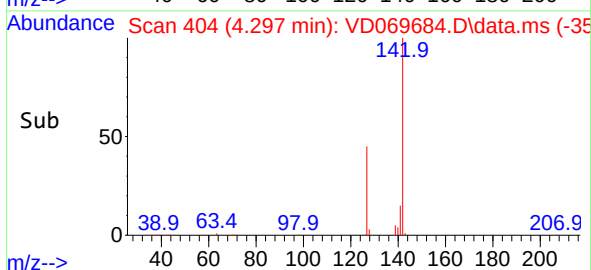
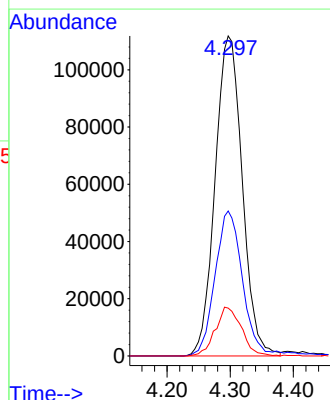
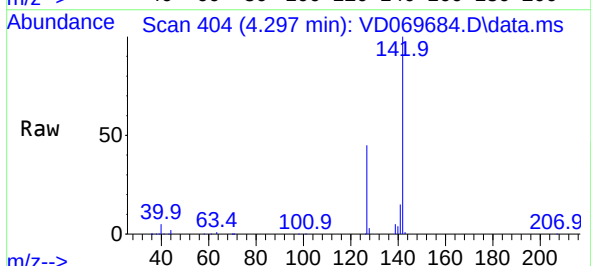
MMDadoda

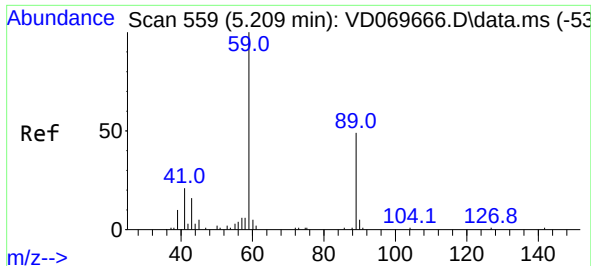
7/15/2021 5:51:11 PM



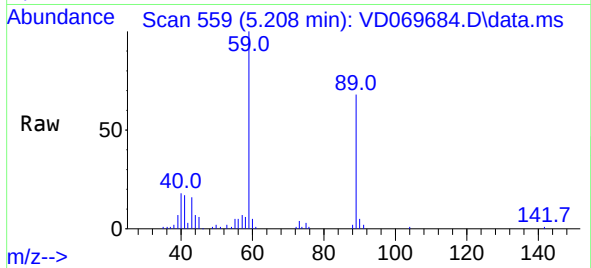
#10
Methyl Iodide
Concen: 41.470 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:142 Resp: 334049
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 14.7 11.6 17.4

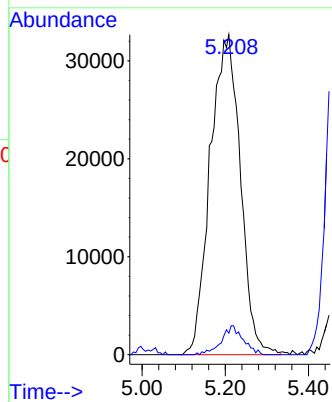
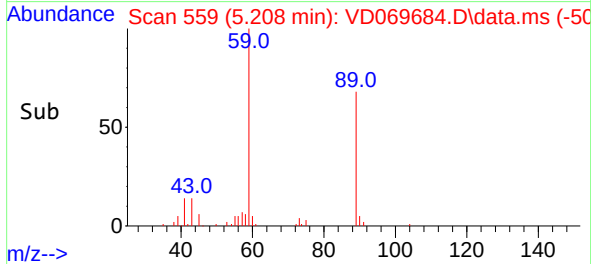




#11
Tert butyl alcohol
Concen: 150.586 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 59 Resp: 164401
Ion Ratio Lower Upper
59 100
57 6.5 5.7 8.5

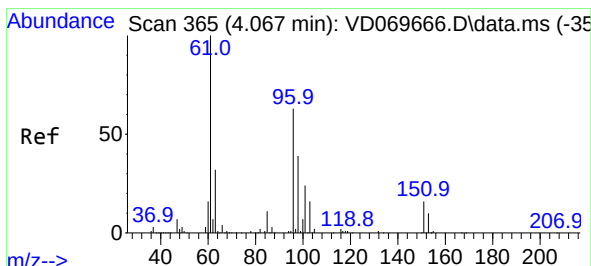


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

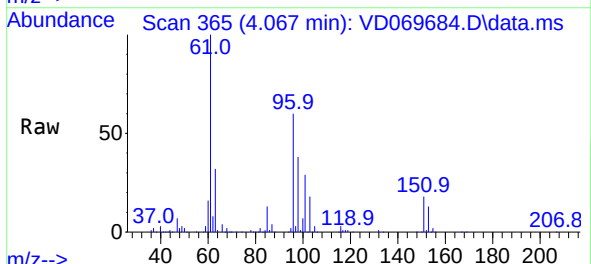
Manual Integrations
APPROVED

MMDadoda

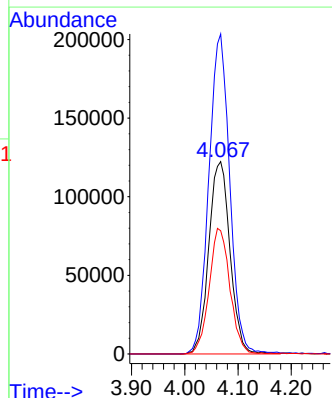
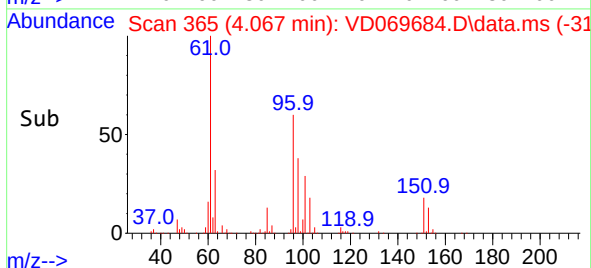
7/15/2021 5:51:11 PM

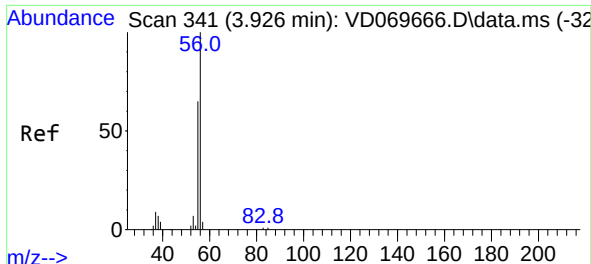


#12
1,1-Dichloroethene
Concen: 47.463 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 96 Resp: 338738
Ion Ratio Lower Upper
96 100
61 166.4 126.4 189.6
98 64.1 48.9 73.3





#13
Acrolein
Concen: 242.929 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

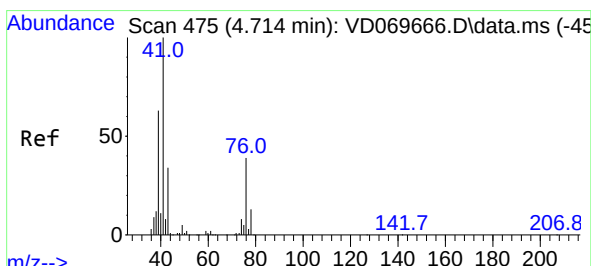
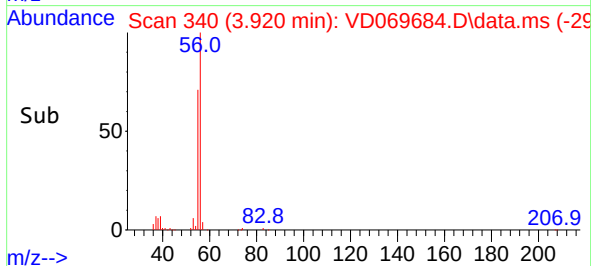
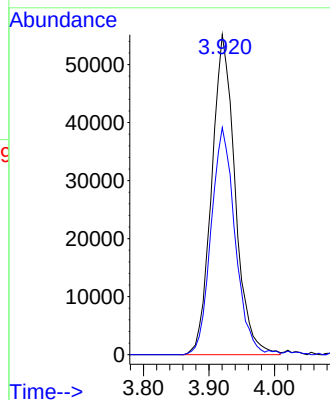
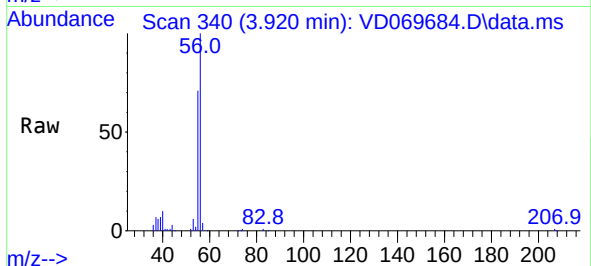
Tgt Ion: 56 Resp: 136852
Ion Ratio Lower Upper
56 100
55 72.2 55.3 82.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

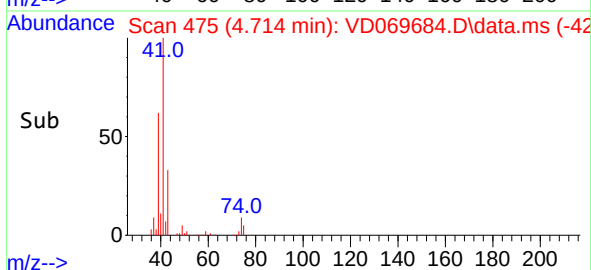
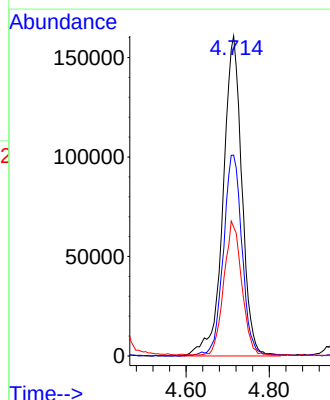
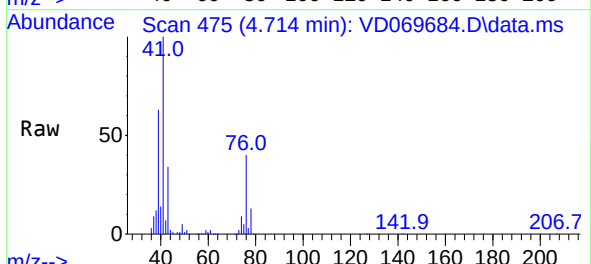
MMDadoda

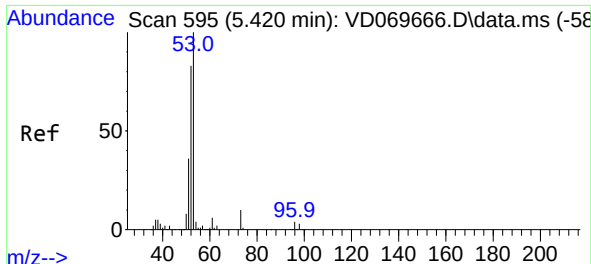
7/15/2021 5:51:11 PM



#14
Allyl chloride
Concen: 45.811 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 41 Resp: 505169
Ion Ratio Lower Upper
41 100
39 62.8 49.4 74.2
76 39.6 30.7 46.1





#15
Acrylonitrile
Concen: 226.621 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

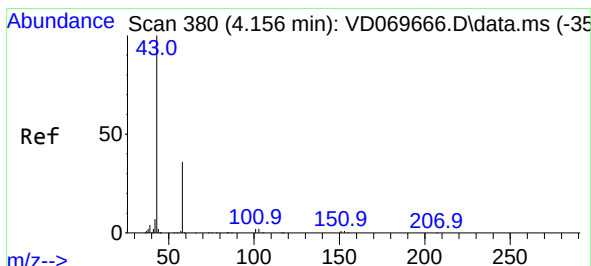
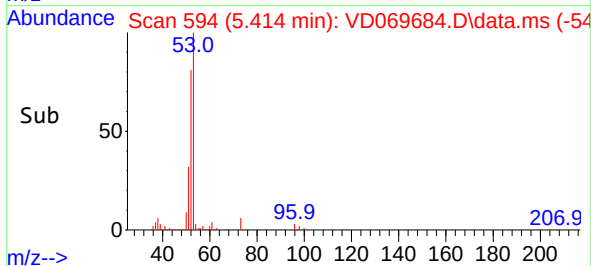
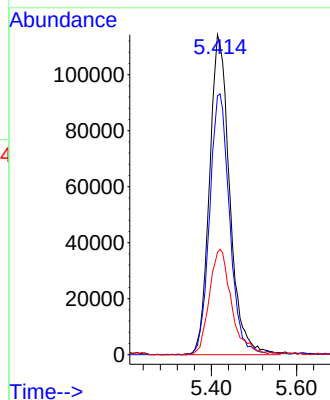
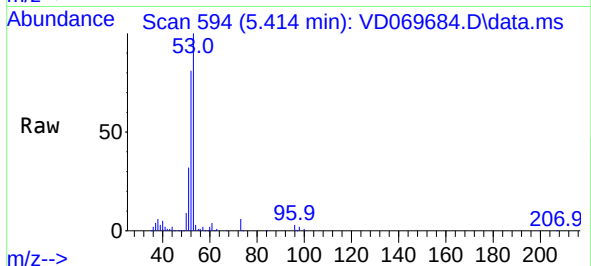
Tgt Ion: 53 Resp: 376385
Ion Ratio Lower Upper
53 100
52 80.4 64.8 97.2
51 36.1 28.2 42.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

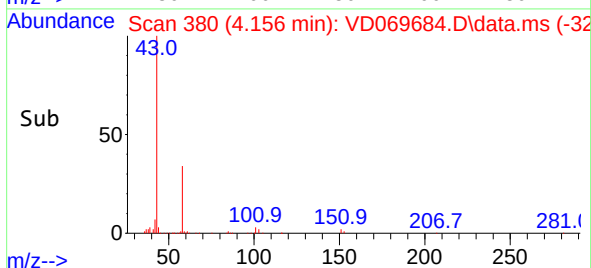
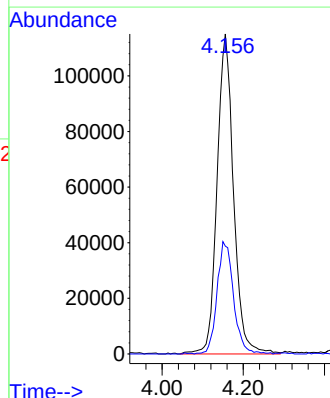
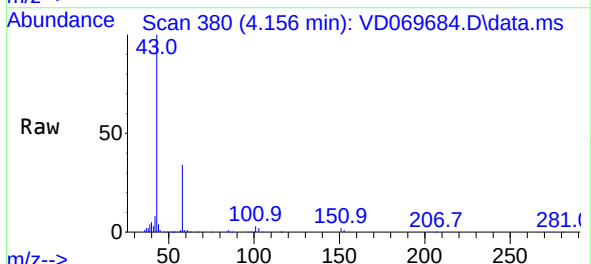
MMDadoda

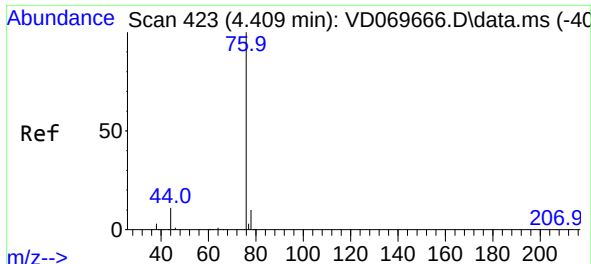
7/15/2021 5:51:11 PM



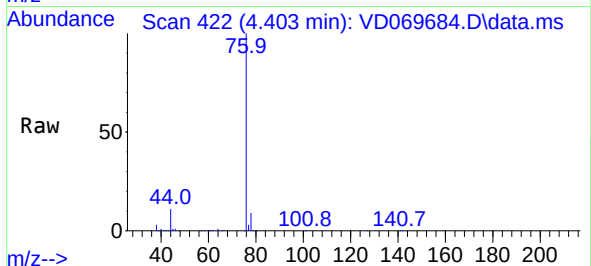
#16
Acetone
Concen: 200.273 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 43 Resp: 324222
Ion Ratio Lower Upper
43 100
58 33.7 28.6 42.8

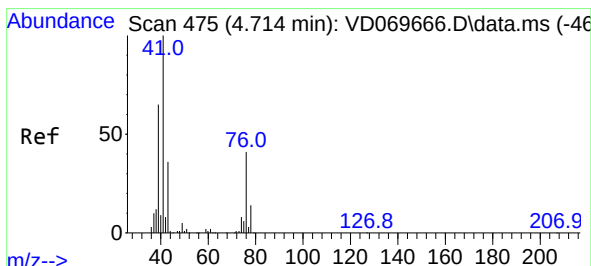
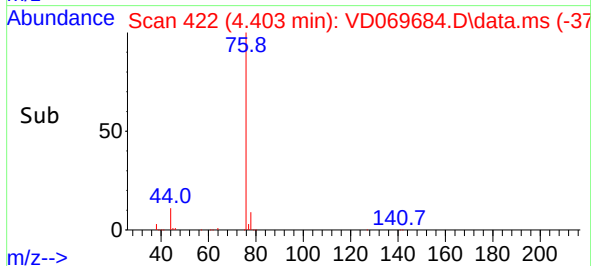
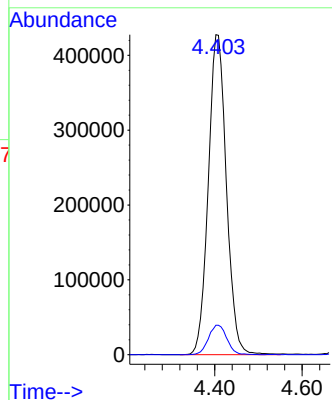




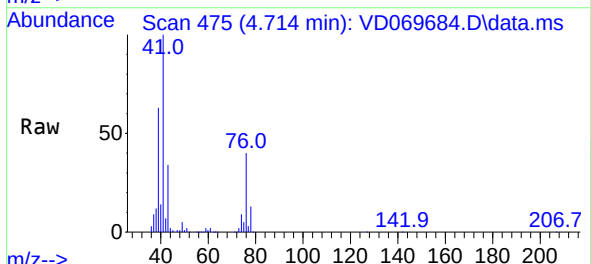
#17
Carbon Disulfide
Concen: 48.891 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



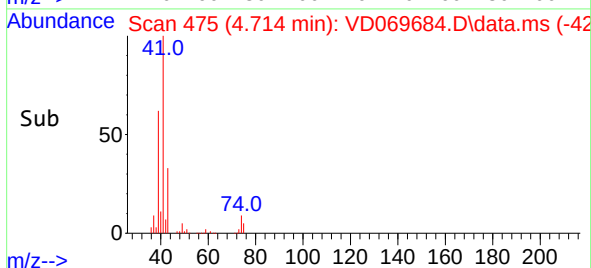
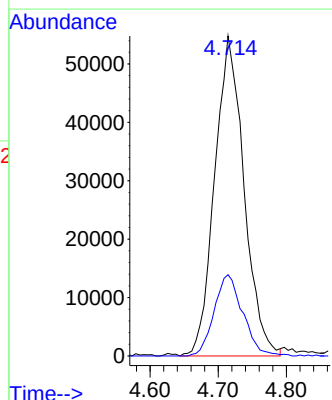
Tgt Ion: 76 Resp: 1231054
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 40.103 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 43 Resp: 164038
Ion Ratio Lower Upper
43 100
74 24.8 20.6 30.8

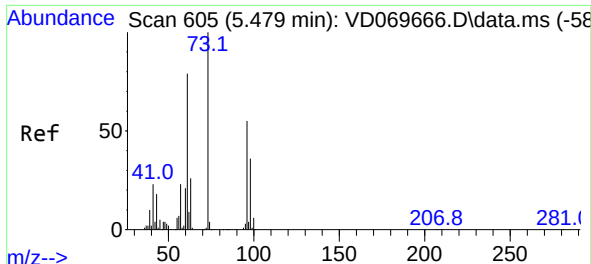


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#19
Methyl tert-butyl Ether
Concen: 47.303 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

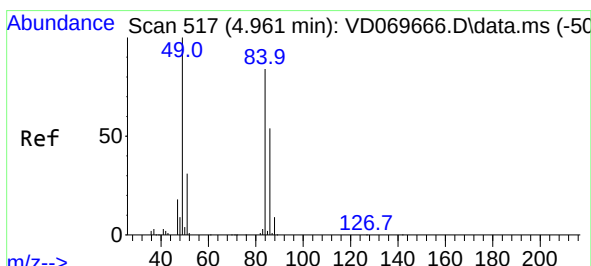
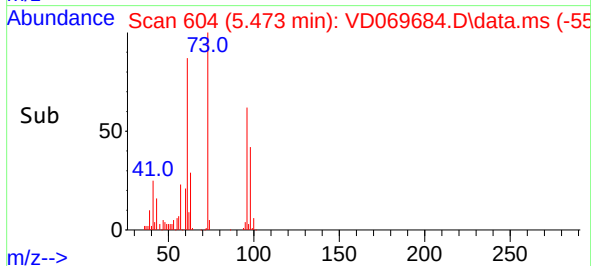
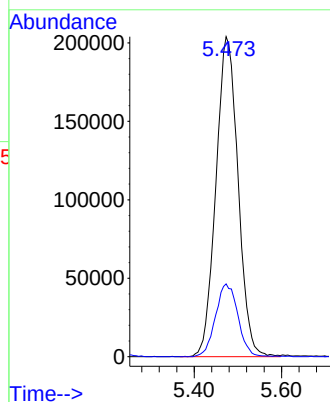
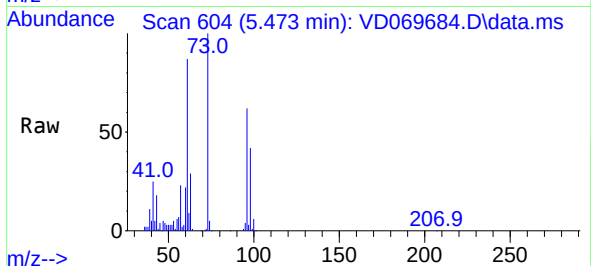
Tgt Ion: 73 Resp: 714659
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

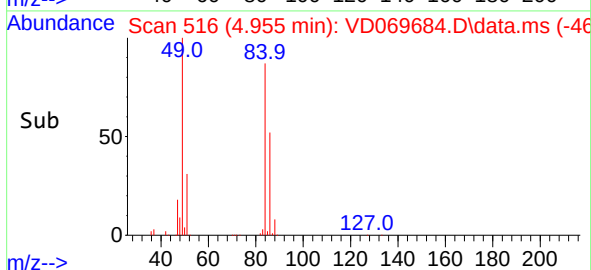
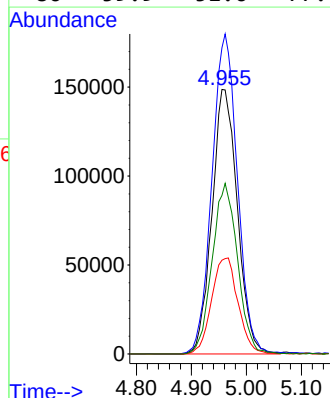
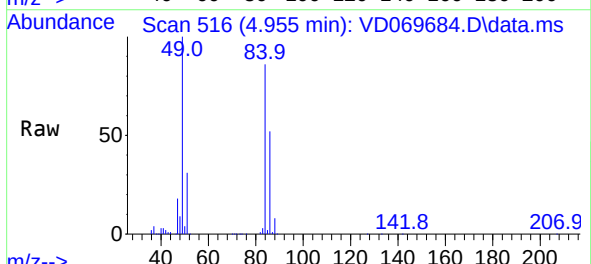
MMDadoda

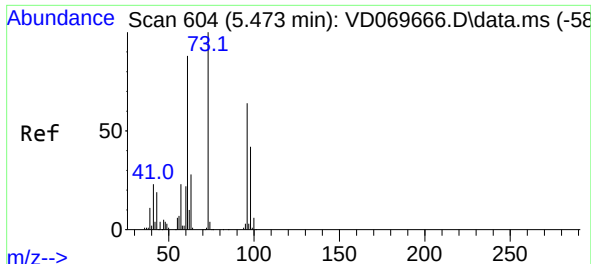
7/15/2021 5:51:11 PM



#20
Methylene Chloride
Concen: 41.064 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 84 Resp: 478729
Ion Ratio Lower Upper
84 100
49 115.8 95.5 143.3
51 35.5 29.7 44.5
86 59.9 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 46.635 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

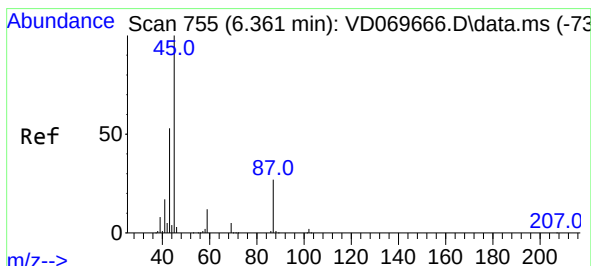
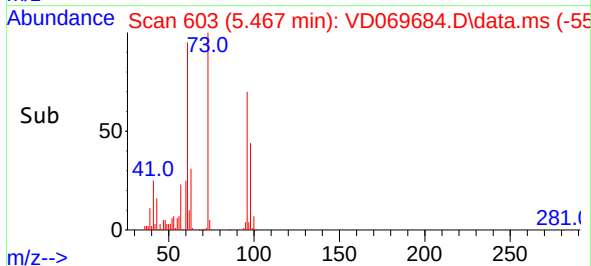
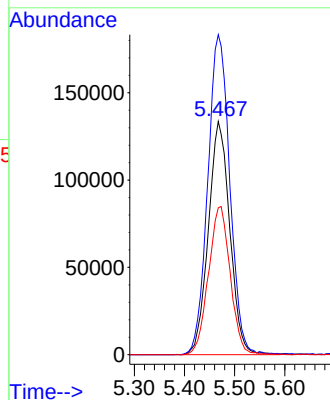
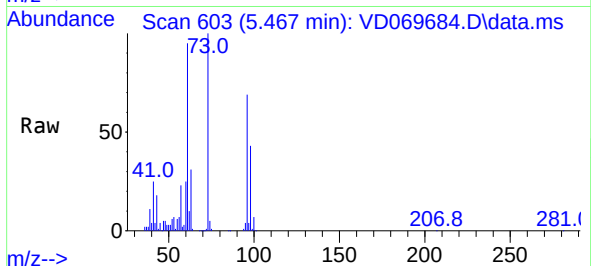
Tgt Ion: 96 Resp: 397461
Ion Ratio Lower Upper
96 100
61 137.2 110.9 166.3
98 62.9 52.2 78.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

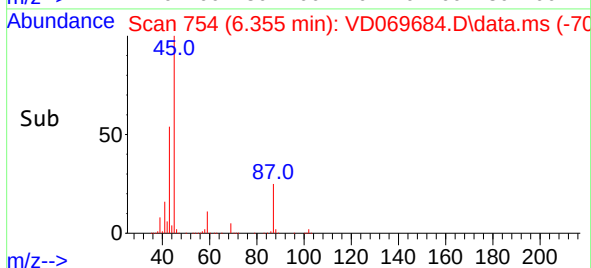
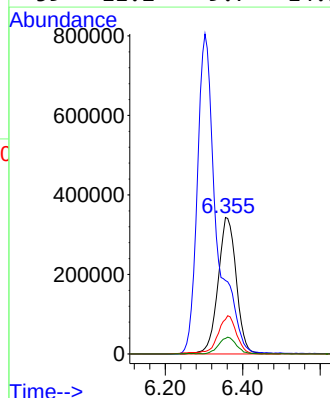
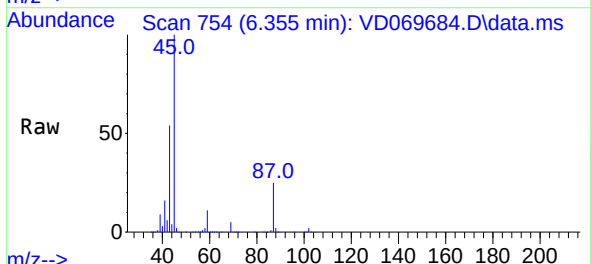
MMDadoda

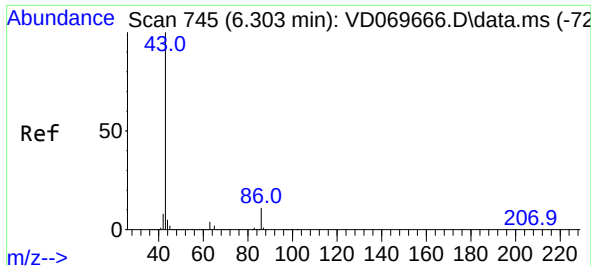
7/15/2021 5:51:11 PM



#22
Diisopropyl ether
Concen: 49.125 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 45 Resp: 1122709
Ion Ratio Lower Upper
45 100
43 53.5 42.3 63.5
87 25.3 21.8 32.8
59 11.2 9.7 14.5





#23
 Vinyl Acetate
 Concen: 217.486 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD069684.D
 Acq: 14 Jul 2021 10:24

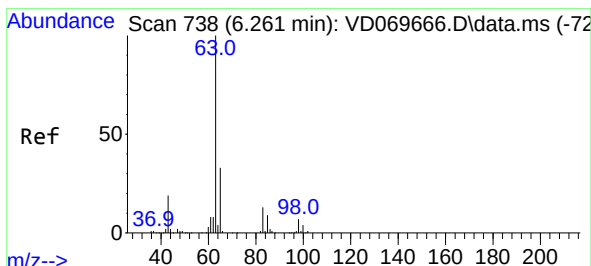
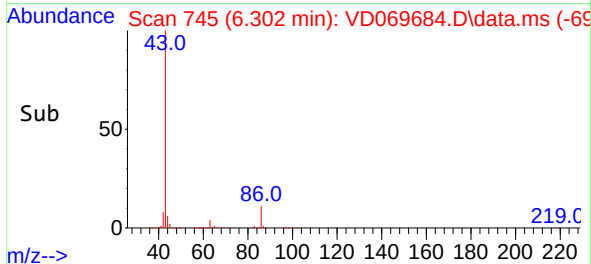
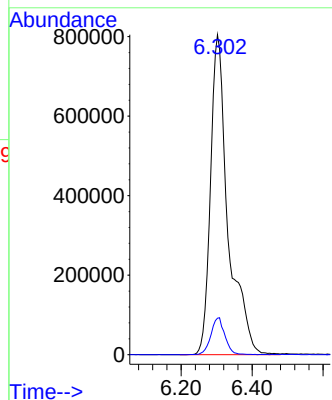
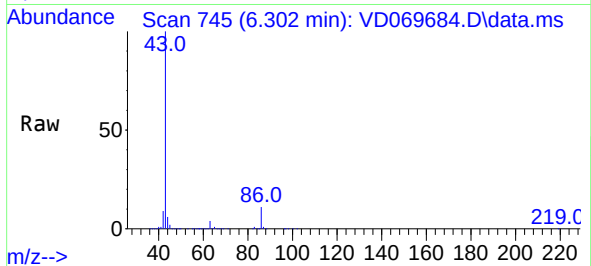
Tgt Ion: 43 Resp: 2767550
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

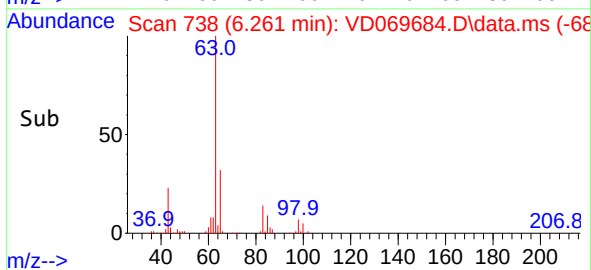
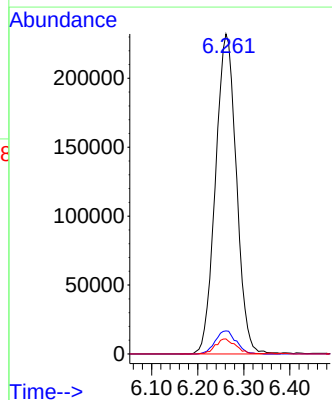
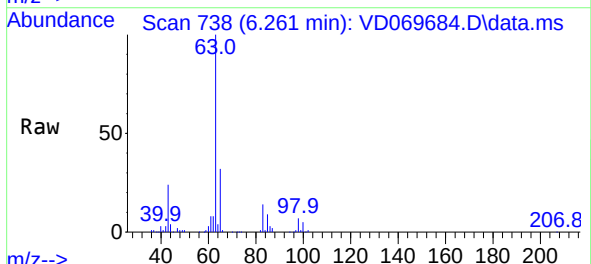
MMDadoda

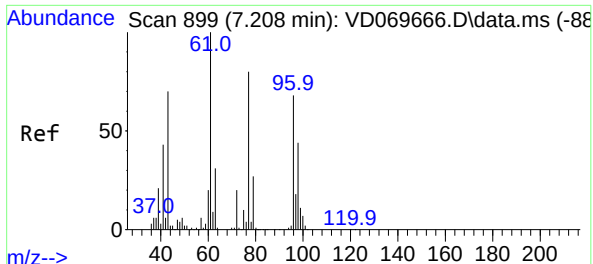
7/15/2021 5:51:11 PM



#24
 1,1-Dichloroethane
 Concen: 45.794 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069684.D
 Acq: 14 Jul 2021 10:24

Tgt Ion: 63 Resp: 730334
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 220.882 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

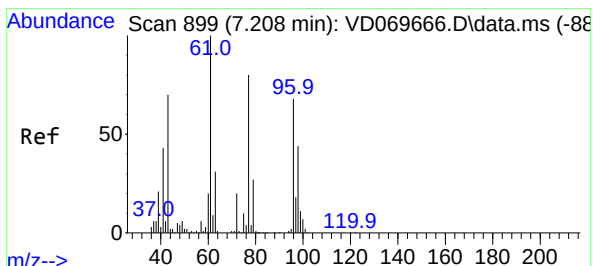
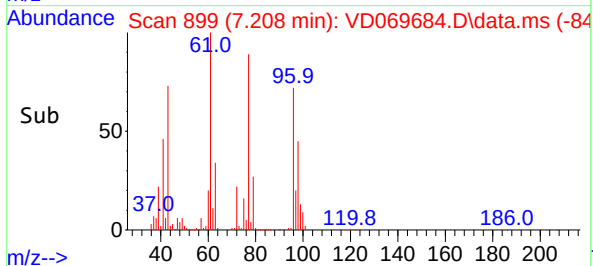
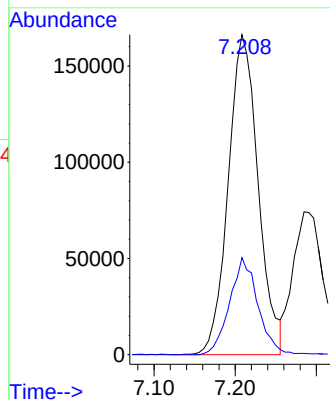
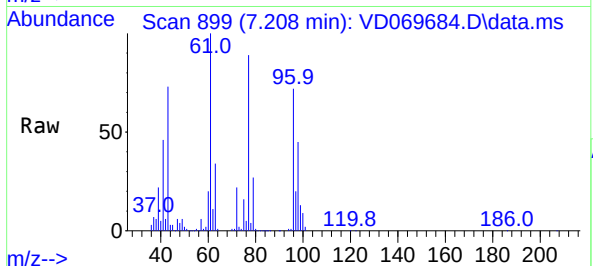
Tgt Ion: 43 Resp: 426578
Ion Ratio Lower Upper
43 100
72 30.3 22.6 33.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

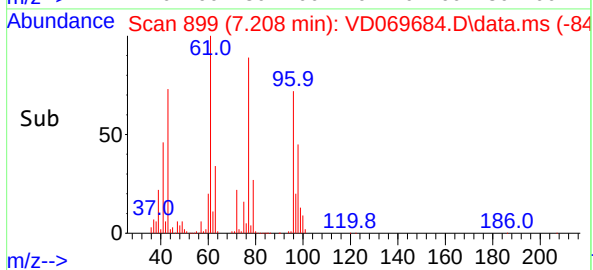
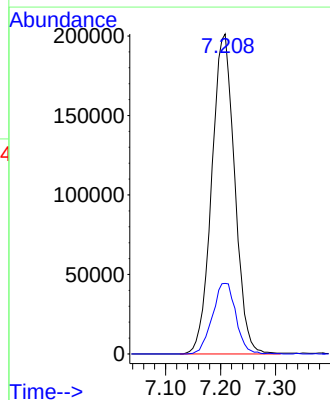
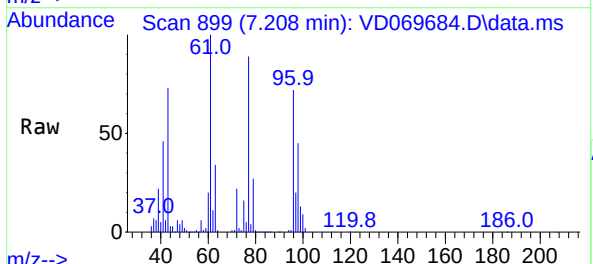
MMDadoda

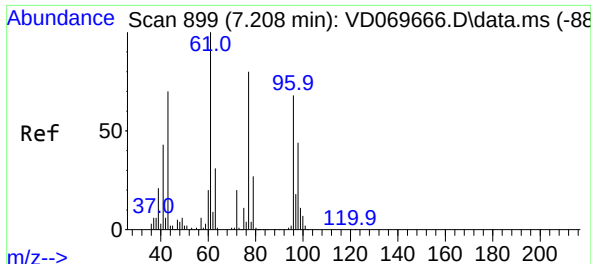
7/15/2021 5:51:11 PM



#26
2,2-Dichloropropane
Concen: 45.822 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 77 Resp: 583049
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 45.711 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 96 Resp: 420254

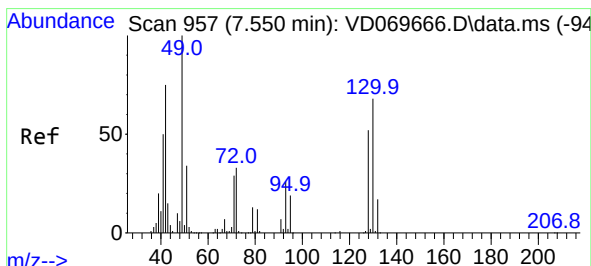
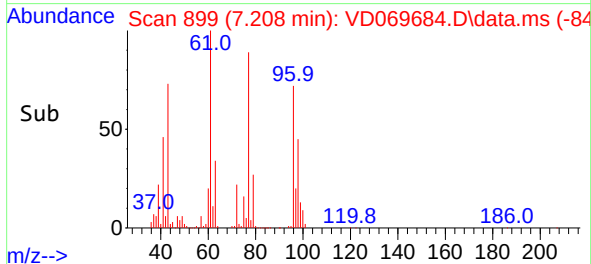
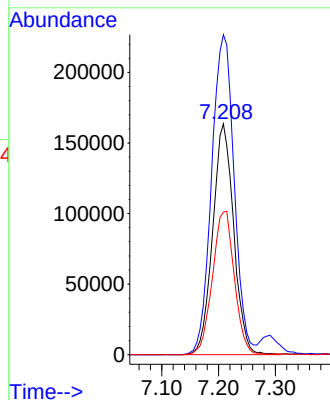
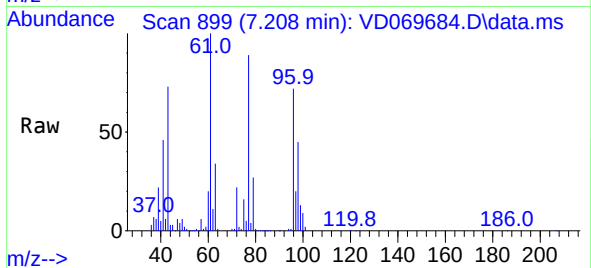
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	295.8
98	64.9	0.0	127.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

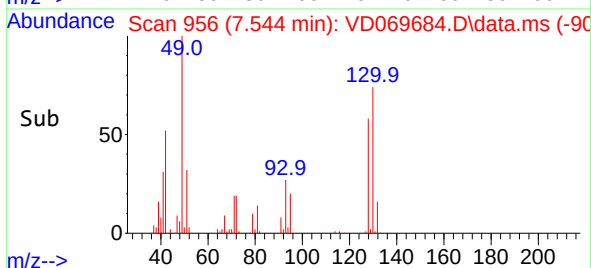
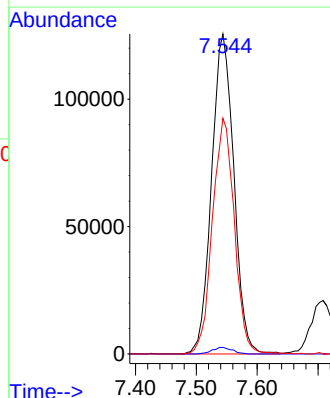
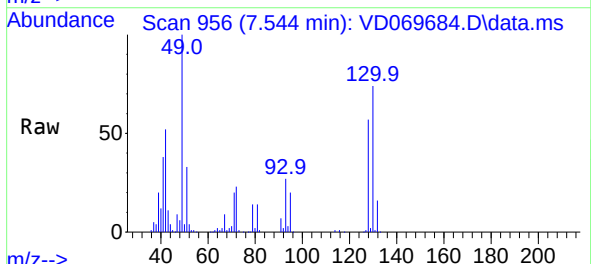
7/15/2021 5:51:11 PM

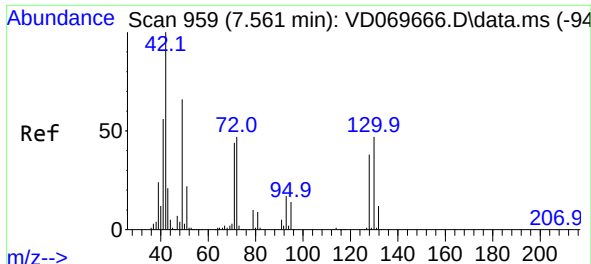


#28
Bromochloromethane
Concen: 51.772 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

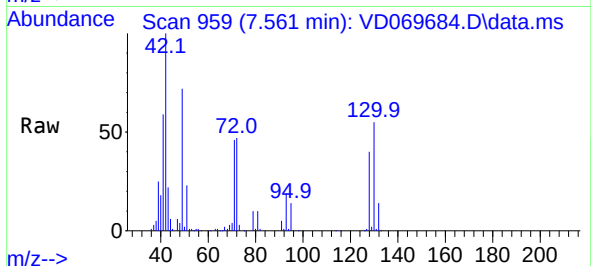
Tgt Ion: 49 Resp: 318646

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	72.6	55.8	83.8

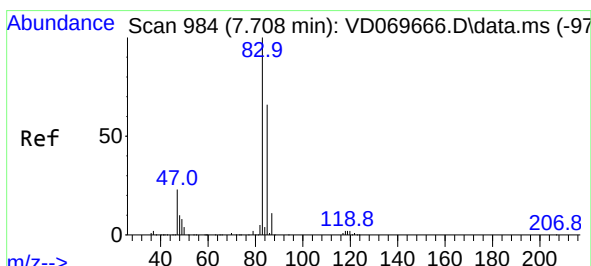
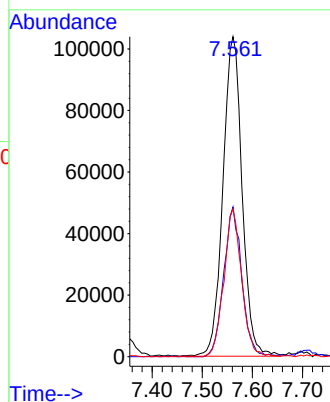
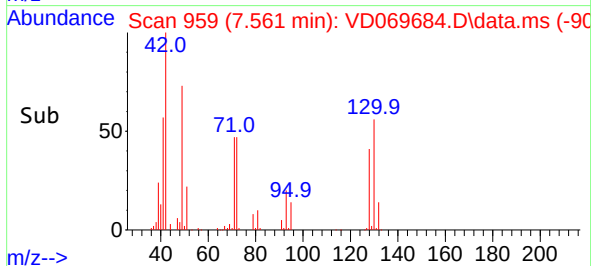




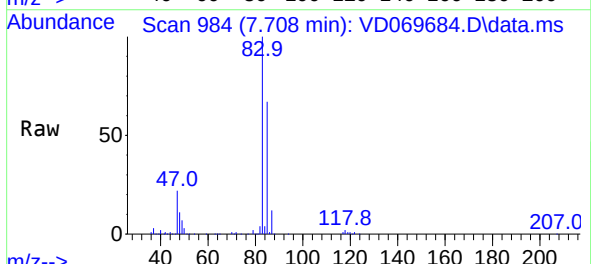
#29
Tetrahydrofuran
Concen: 231.049 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



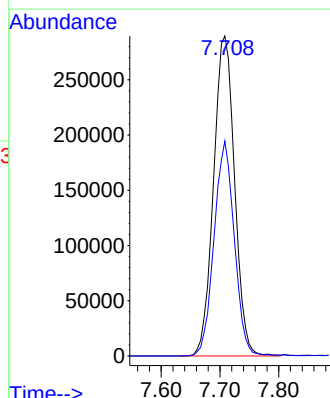
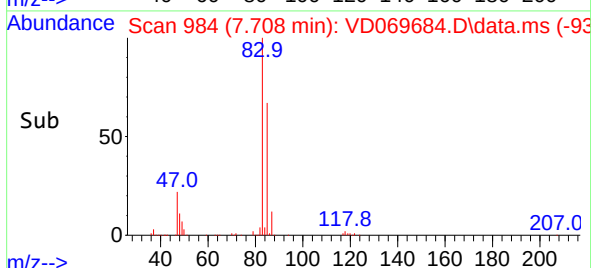
Tgt Ion: 42 Resp: 276459
Ion Ratio Lower Upper
42 100
72 44.2 36.5 54.7
71 43.0 33.4 50.0



#30
Chloroform
Concen: 45.442 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 83 Resp: 720902
Ion Ratio Lower Upper
83 100
85 67.2 53.0 79.4

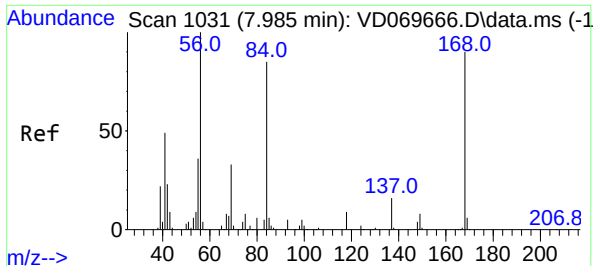


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

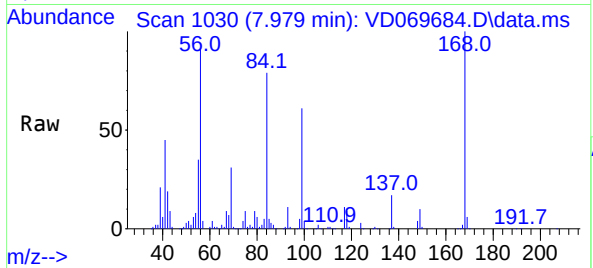
Manual Integrations
APPROVED

MMDadoda

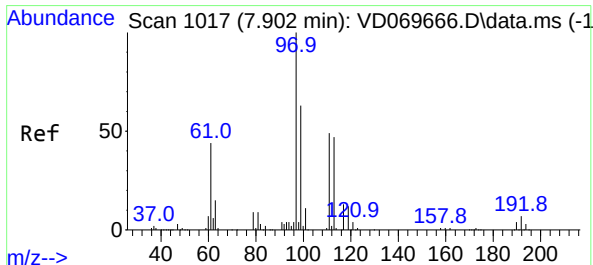
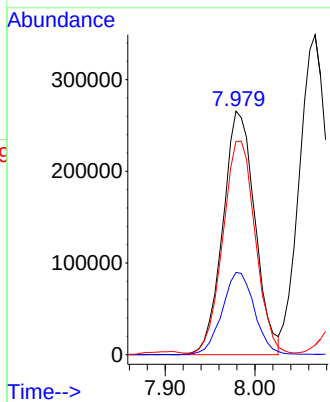
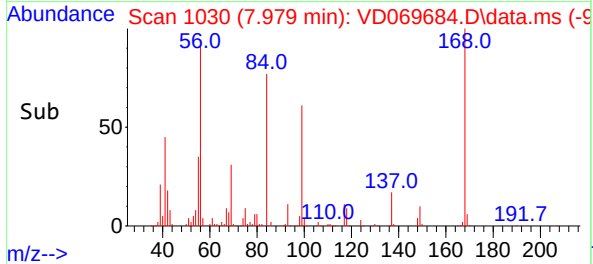
7/15/2021 5:51:11 PM



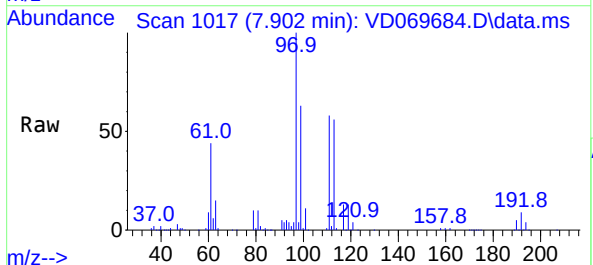
#31
Cyclohexane
Concen: 47.471 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



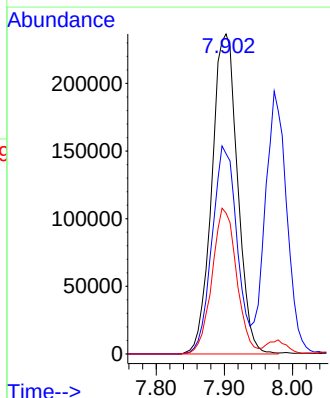
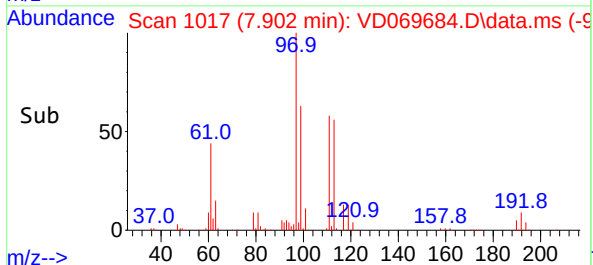
Tgt Ion: 56 Resp: 659449
Ion Ratio Lower Upper
56 100
69 33.8 26.6 39.8
84 86.5 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 46.147 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 97 Resp: 620764
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.2
61 43.5 35.6 53.4

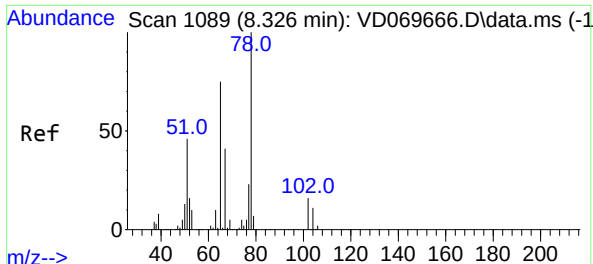


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

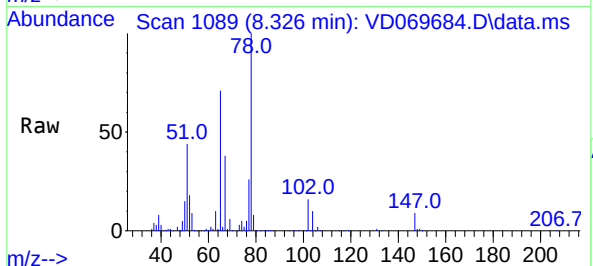
Manual Integrations
APPROVED

MMDadoda

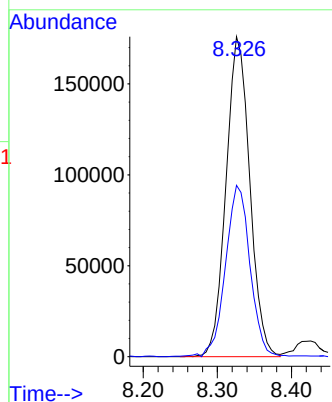
7/15/2021 5:51:11 PM



#33
1,2-Dichloroethane-d4
Concen: 47.955 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 65 Resp: 391851
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

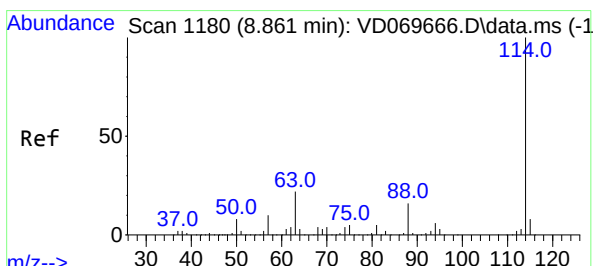
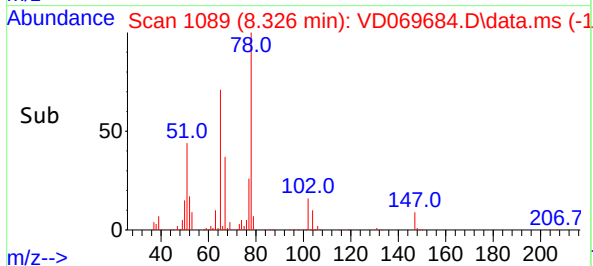


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

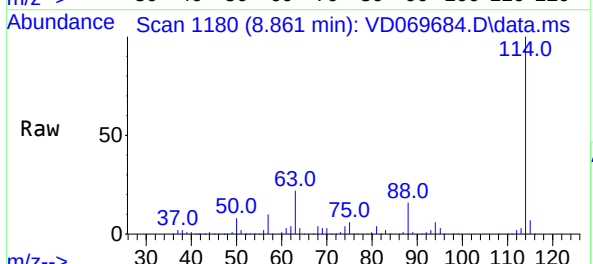
Manual Integrations
APPROVED

MMDadoda

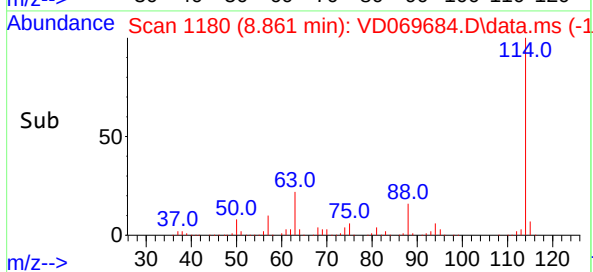
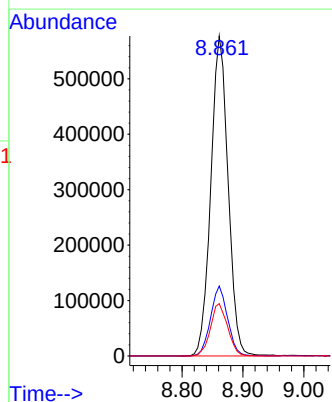
7/15/2021 5:51:11 PM

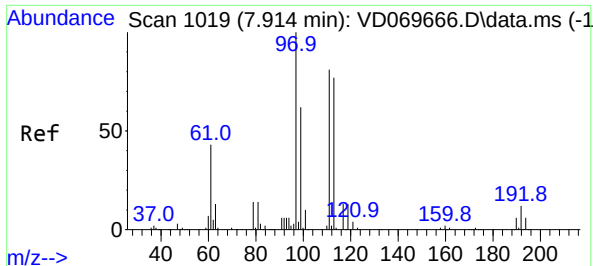


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 114 Resp: 1135931
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 50.122 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

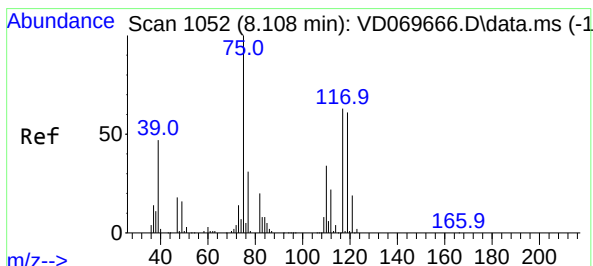
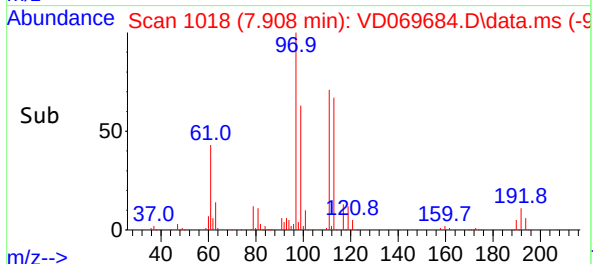
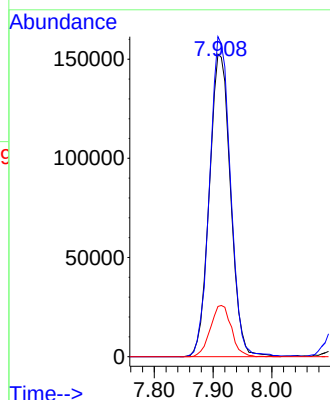
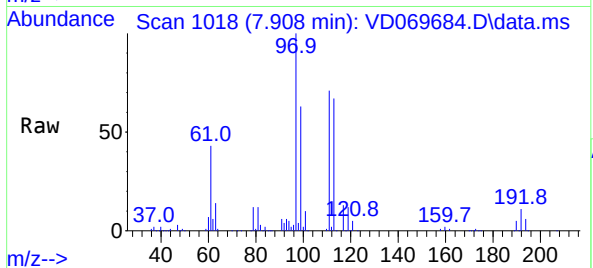
Tgt Ion: 113 Resp: 381971
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.7 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

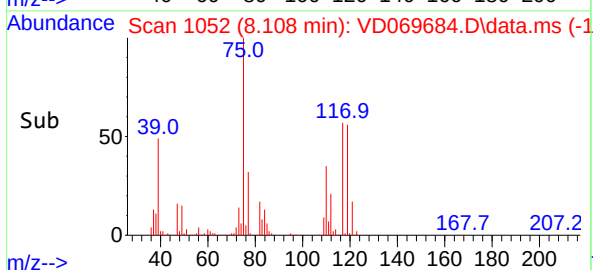
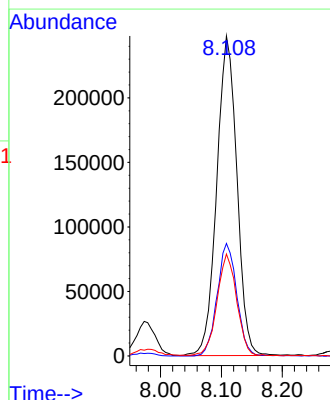
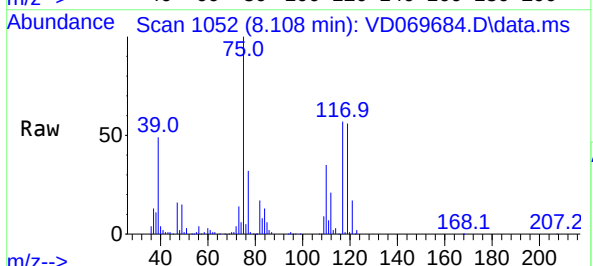
MMDadoda

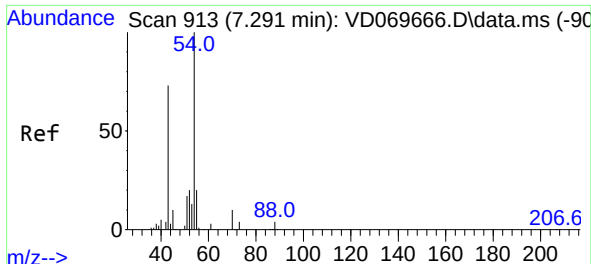
7/15/2021 5:51:11 PM



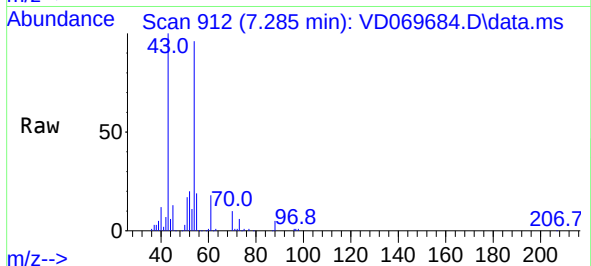
#36
1,1-Dichloropropene
Concen: 48.555 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 75 Resp: 569013
Ion Ratio Lower Upper
75 100
110 34.4 16.7 50.0
77 31.1 25.3 37.9

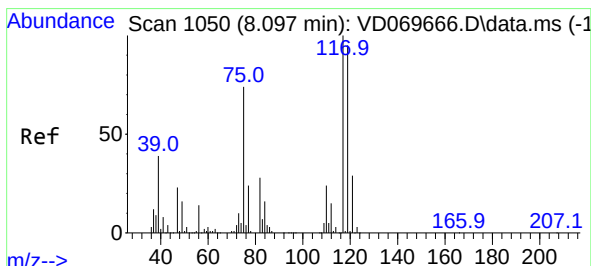
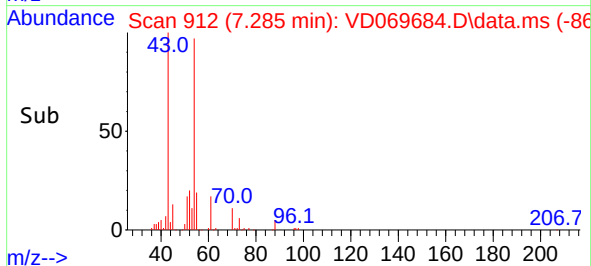
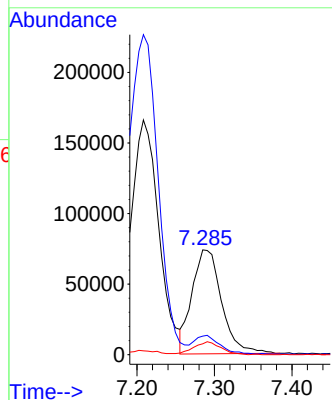




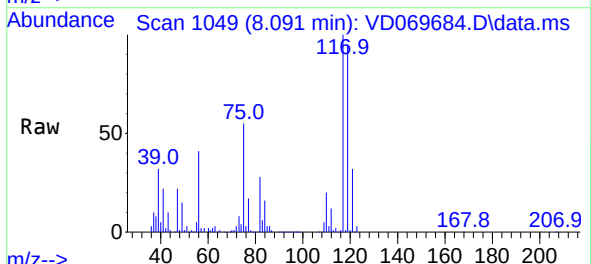
#37
Ethyl Acetate
Concen: 44.061 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



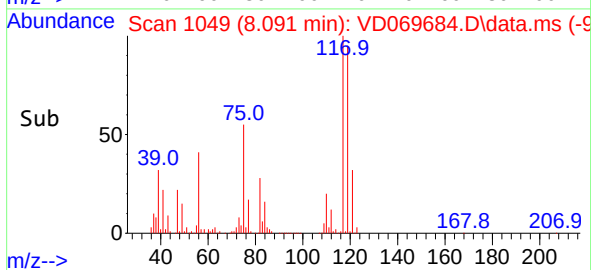
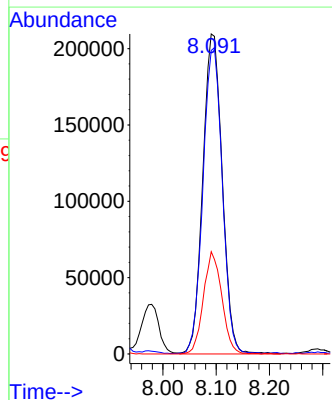
Tgt Ion: 43 Resp: 195318
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 11.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.532 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 117 Resp: 531537
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5
121 32.0 23.0 34.6

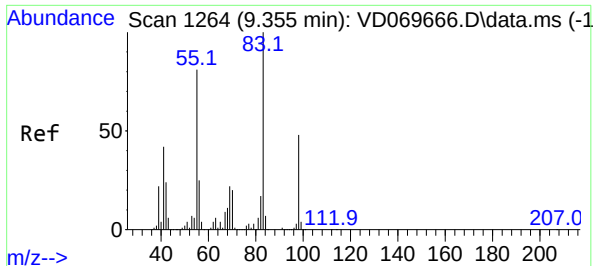


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#39

Methylcyclohexane

Concen: 46.755 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069684.D

Acq: 14 Jul 2021 10:24

Tgt Ion:	83	Resp:	652659
Ion	Ratio	Lower	Upper
83	100		
55	79.7	64.6	97.0
98	49.9	38.4	57.6

Instrument :

MSVOA_D

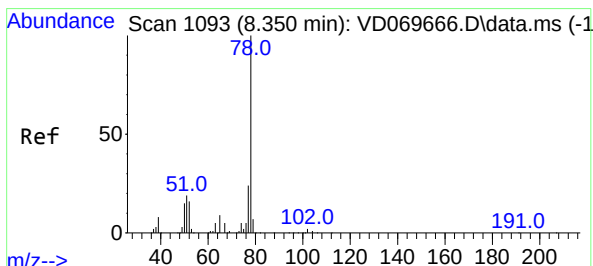
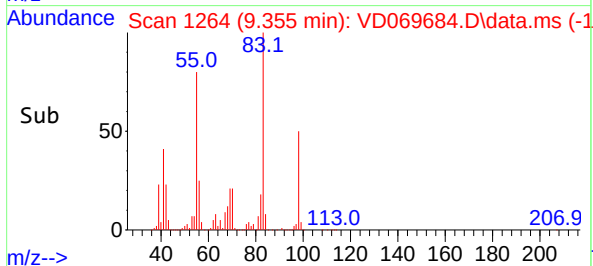
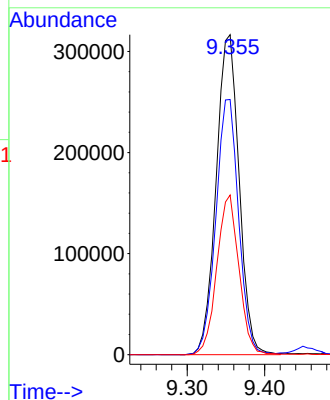
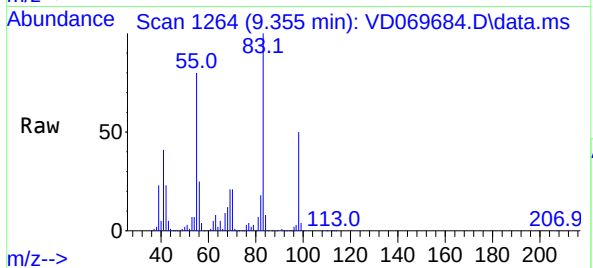
ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#40

Benzene

Concen: 48.584 ug/l

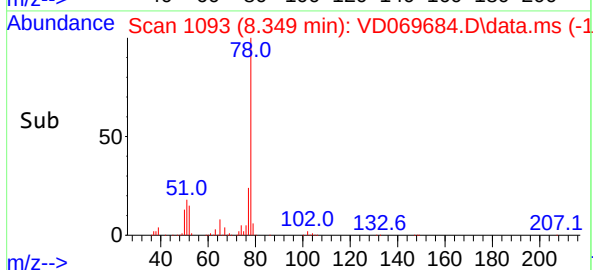
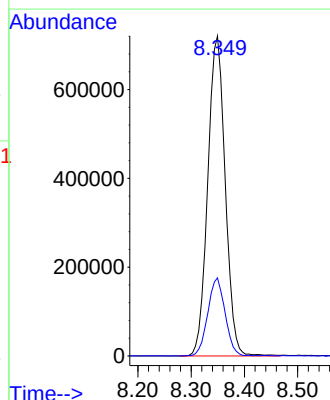
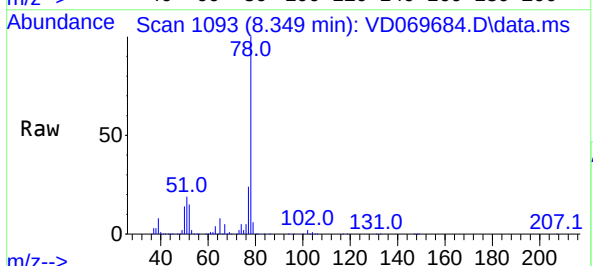
RT: 8.349 min Scan# 1093

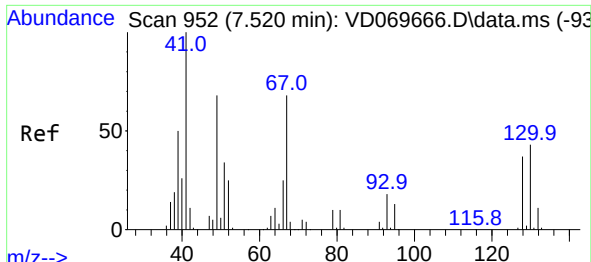
Delta R.T. -0.001 min

Lab File: VD069684.D

Acq: 14 Jul 2021 10:24

Tgt Ion:	78	Resp:	1642168
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





#41
Methacrylonitrile
Concen: 45.455 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

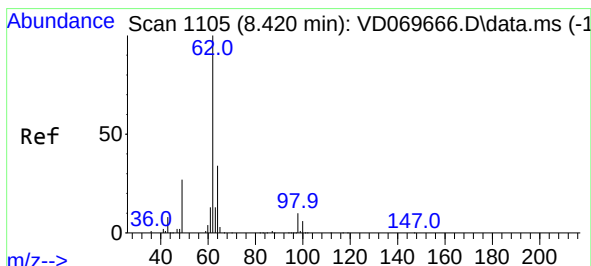
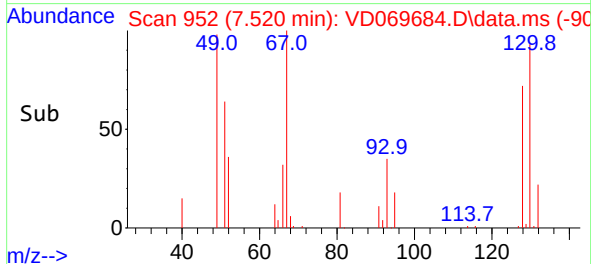
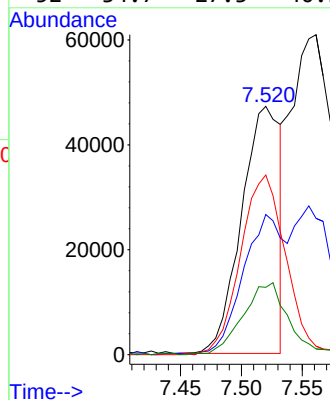
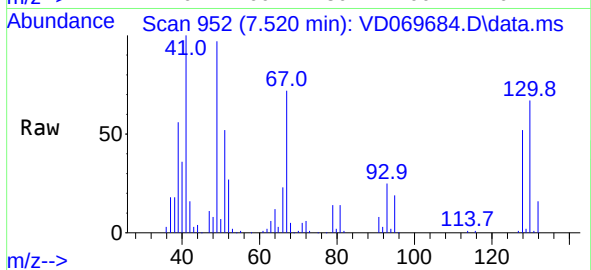
Tgt Ion: 41 Resp: 104427
Ion Ratio Lower Upper
41 100
39 61.3 47.4 71.0
67 84.9 67.0 100.6
52 34.7 27.3 40.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

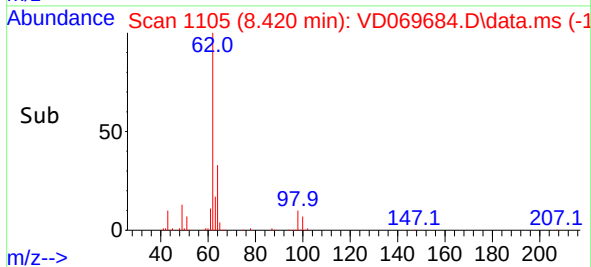
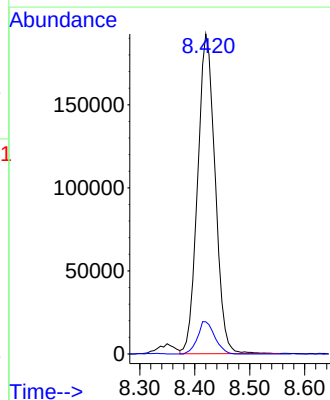
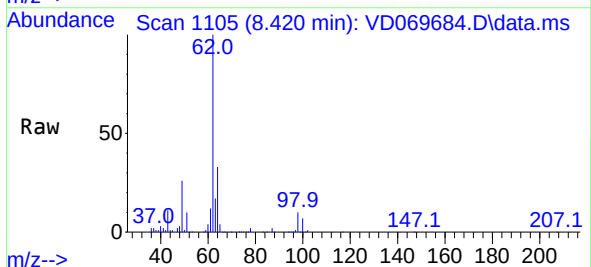
MMDadoda

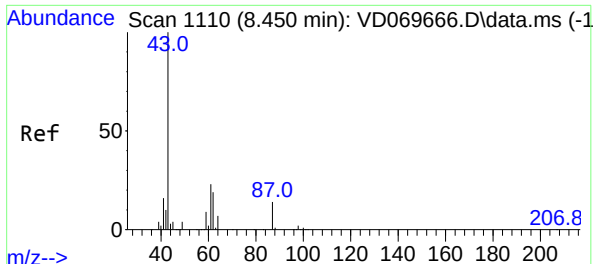
7/15/2021 5:51:11 PM



#42
1,2-Dichloroethane
Concen: 46.335 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 62 Resp: 425096
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate
Concen: 45.013 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

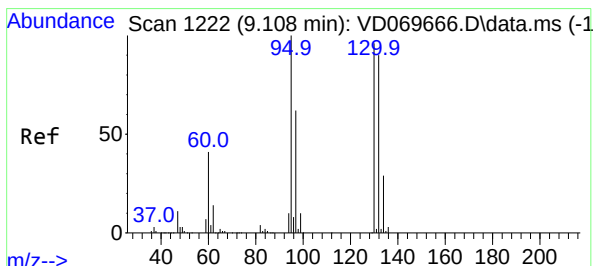
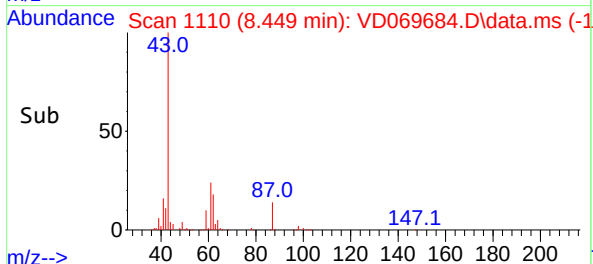
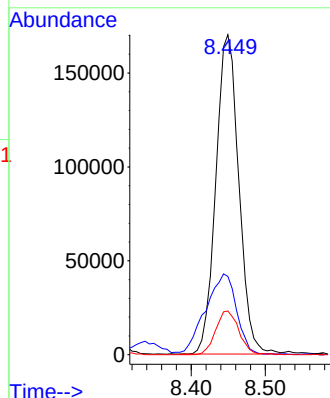
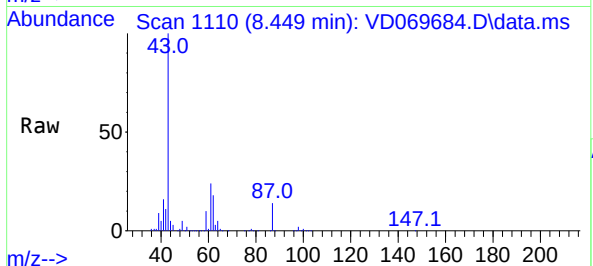
Tgt Ion: 43 Resp: 365404
Ion Ratio Lower Upper
43 100
61 33.8 27.8 41.6
87 14.0 11.0 16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

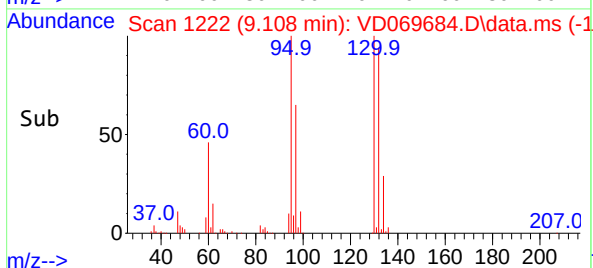
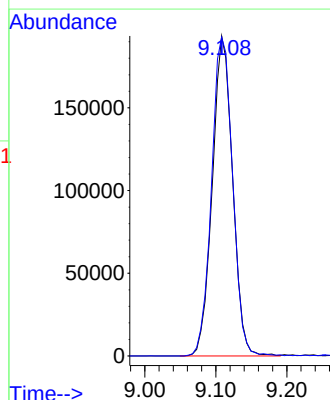
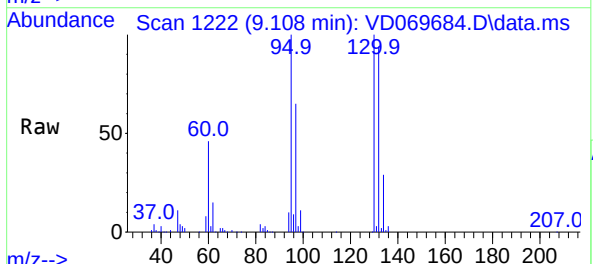
7/15/2021 5:51:11 PM

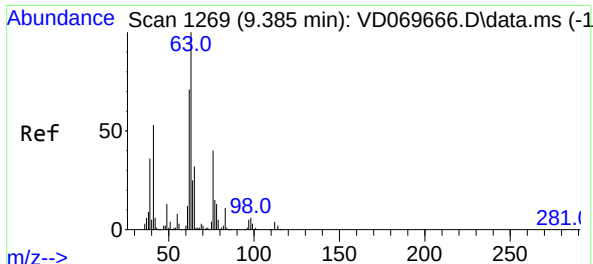


#44

Trichloroethene
Concen: 46.768 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:130 Resp: 383326
Ion Ratio Lower Upper
130 100
95 99.7 0.0 208.2





#45
1,2-Dichloropropane
Concen: 48.128 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

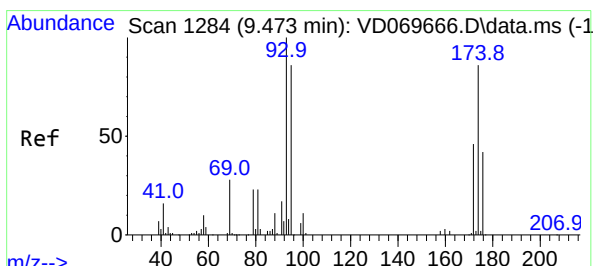
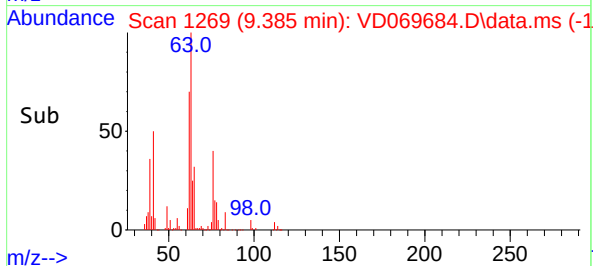
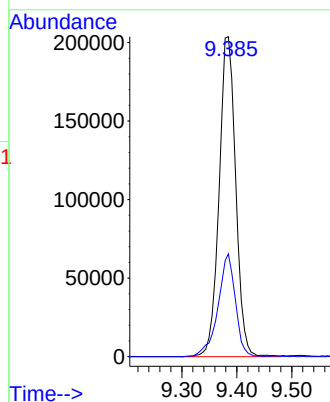
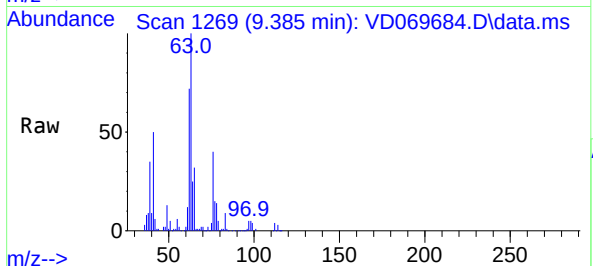
Tgt Ion: 63 Resp: 427564
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

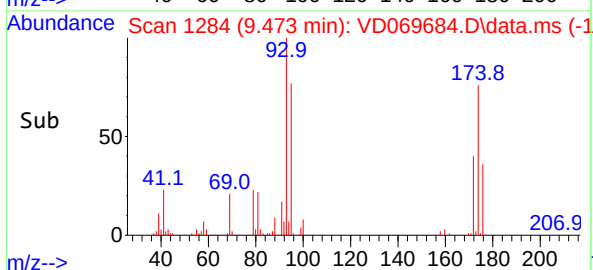
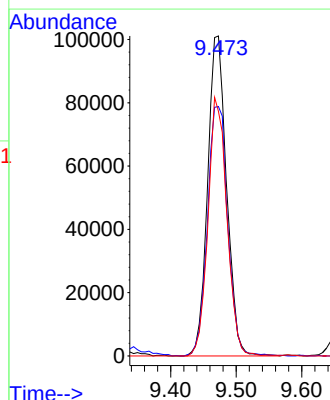
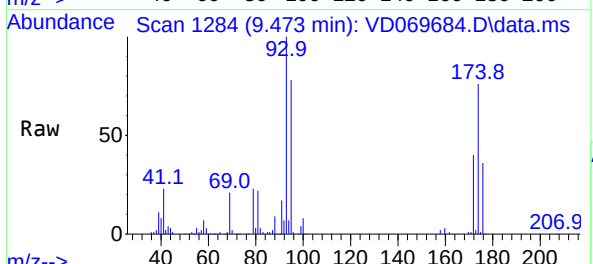
MMDadoda

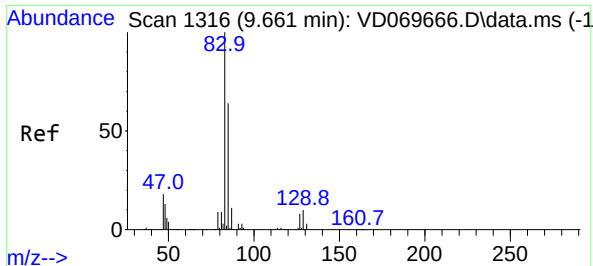
7/15/2021 5:51:11 PM



#46
Dibromomethane
Concen: 46.837 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 93 Resp: 203080
Ion Ratio Lower Upper
93 100
95 83.8 66.3 99.5
174 80.6 67.0 100.6





#47
Bromodichloromethane
Concen: 46.613 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

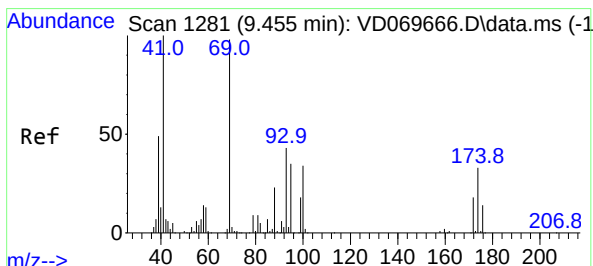
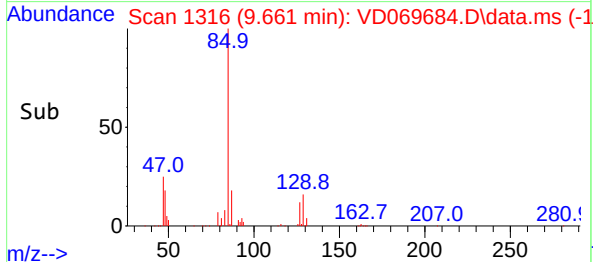
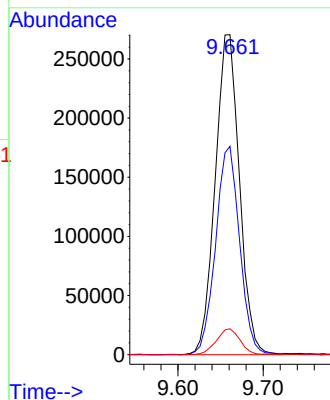
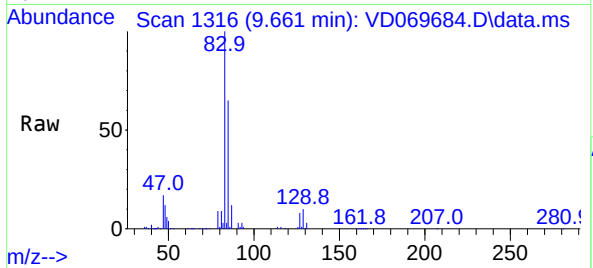
Tgt Ion: 83 Resp: 535655
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 8.1 6.7 10.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

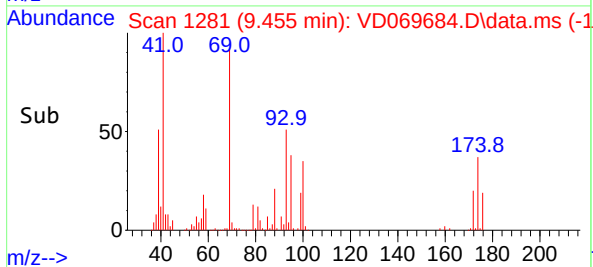
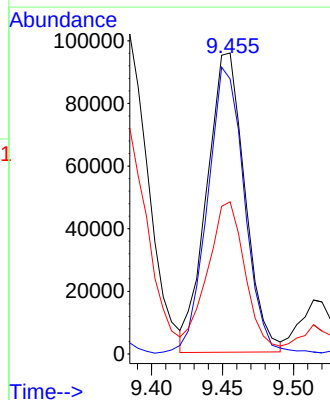
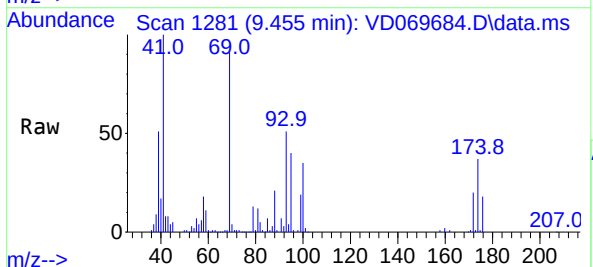
MMDadoda

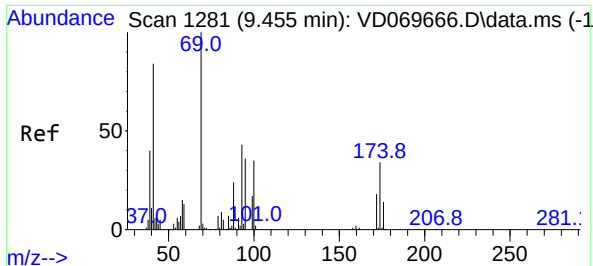
7/15/2021 5:51:11 PM



#48
Methyl methacrylate
Concen: 42.476 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 41 Resp: 178272
Ion Ratio Lower Upper
41 100
69 93.1 71.6 107.4
39 45.6 36.7 55.1





#49
1,4-Dioxane
Concen: 769.016 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

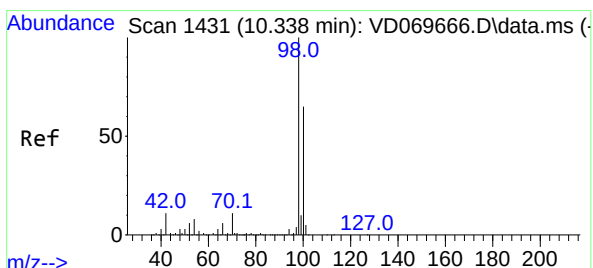
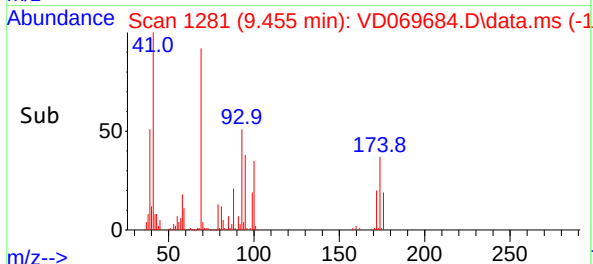
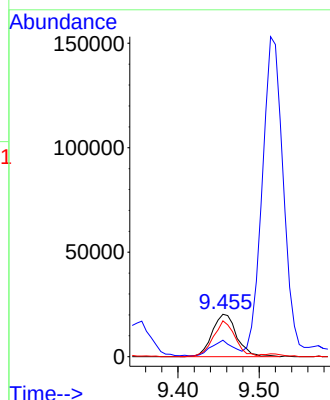
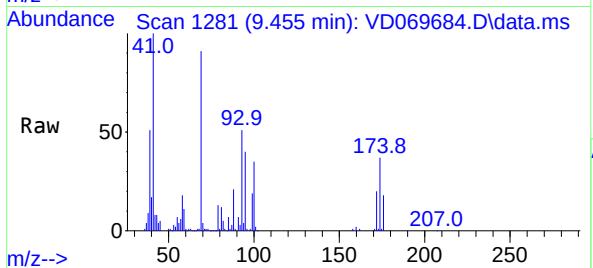
Tgt Ion: 88 Resp: 42692
Ion Ratio Lower Upper
88 100
43 32.8 25.3 37.9
58 75.3 62.6 94.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

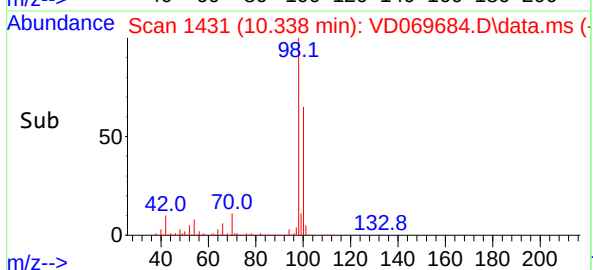
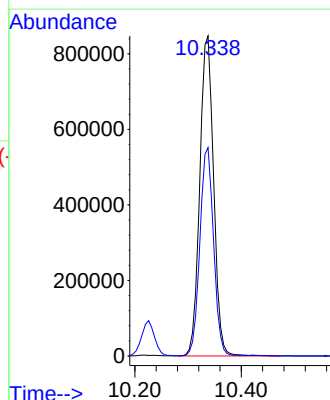
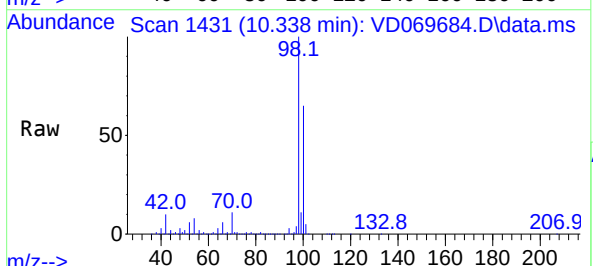
MMDadoda

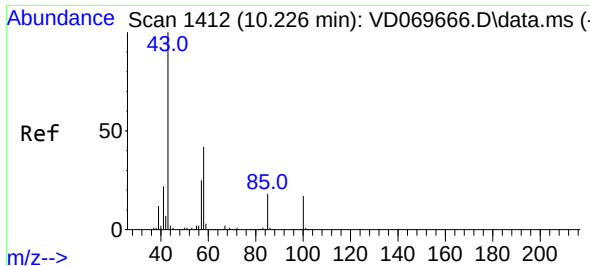
7/15/2021 5:51:11 PM



#50
Toluene-d8
Concen: 51.713 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 98 Resp: 1531049
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 235.360 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

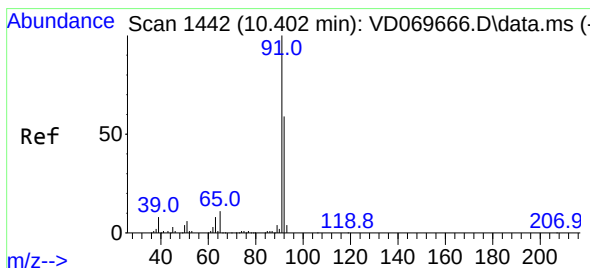
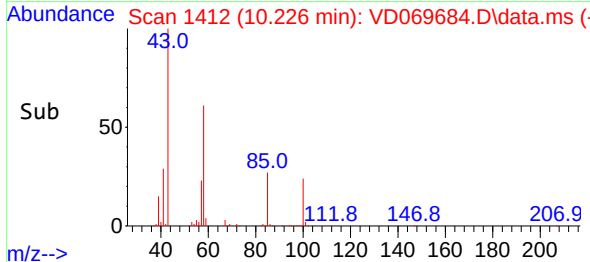
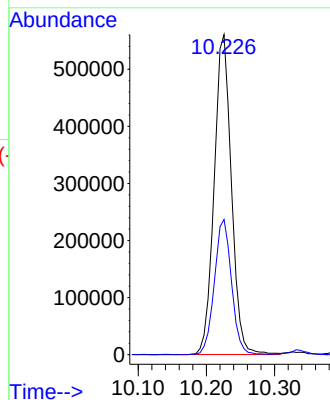
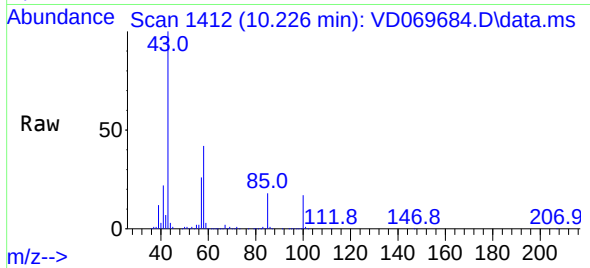
Tgt Ion: 43 Resp: 989409
Ion Ratio Lower Upper
43 100
58 42.0 33.5 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

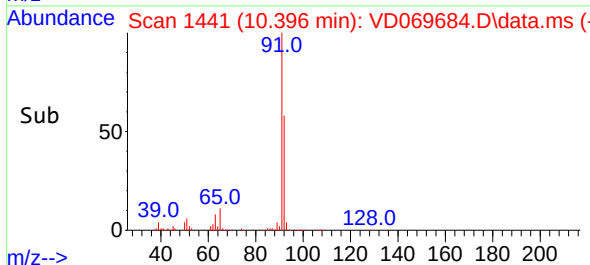
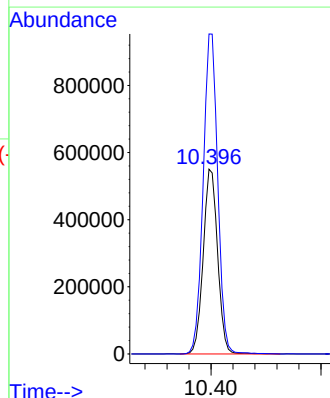
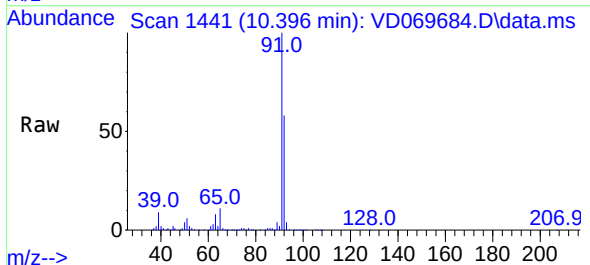
MMDadoda

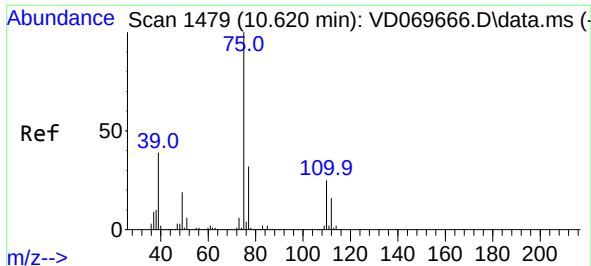
7/15/2021 5:51:11 PM



#52
Toluene
Concen: 49.172 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 92 Resp: 999687
Ion Ratio Lower Upper
92 100
91 175.1 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 46.844 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

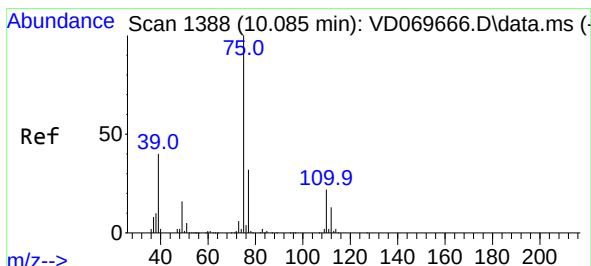
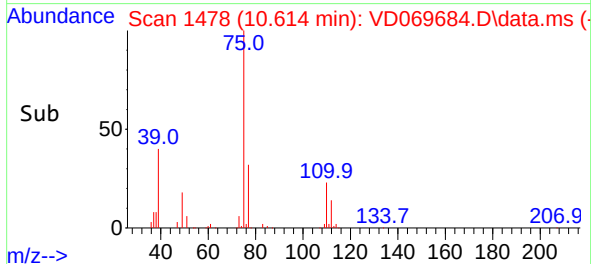
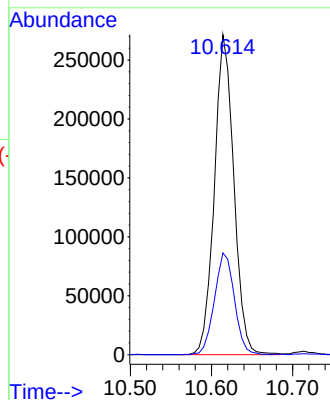
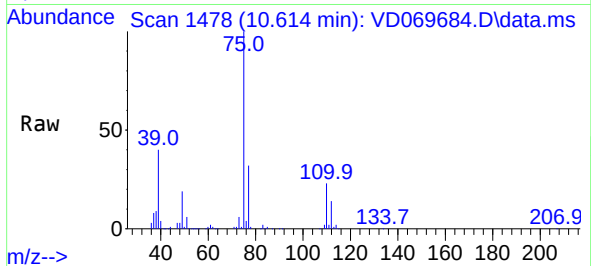
Tgt Ion: 75 Resp: 452521
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

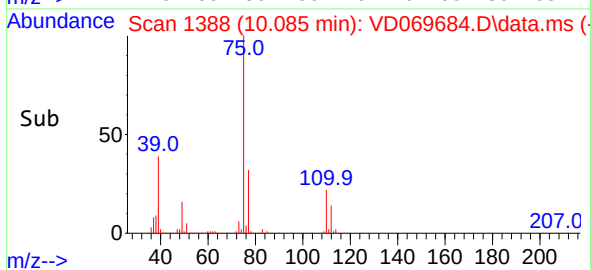
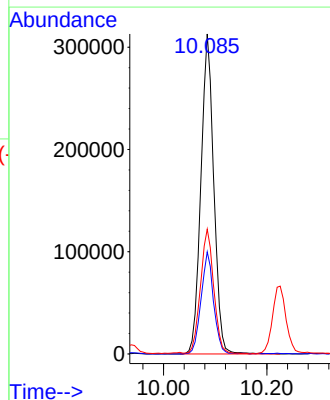
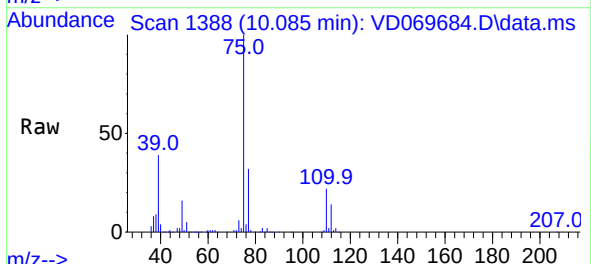
MMDadoda

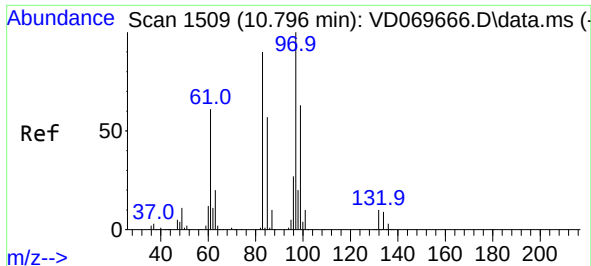
7/15/2021 5:51:11 PM



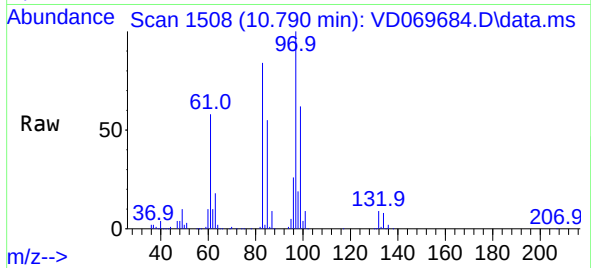
#54
cis-1,3-Dichloropropene
Concen: 45.649 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 75 Resp: 541512
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 38.5 32.0 48.0



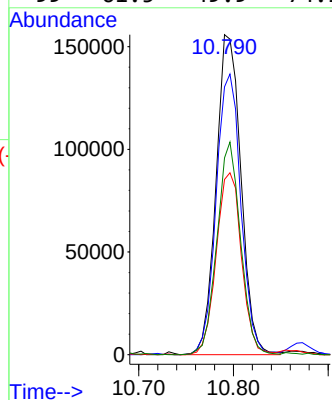


#55
1,1,2-Trichloroethane
Concen: 47.019 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 97 Resp: 285184

Ion	Ratio	Lower	Upper
97	100		
83	83.7	72.3	108.5
85	54.7	45.5	68.3
99	61.5	49.9	74.9

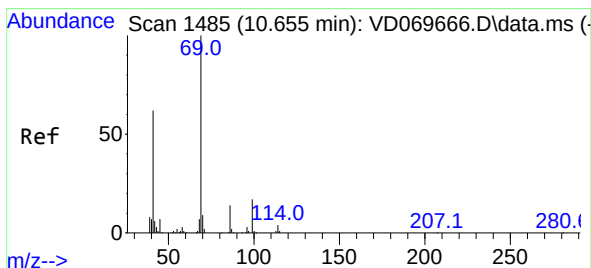


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

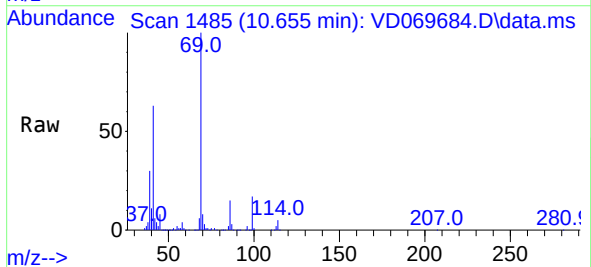
Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM

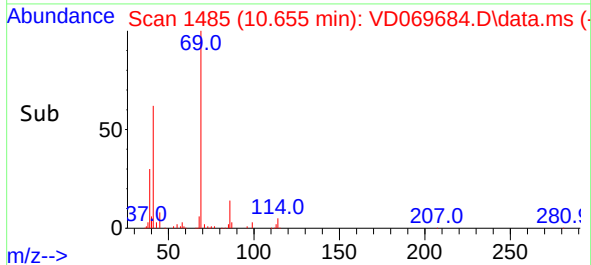
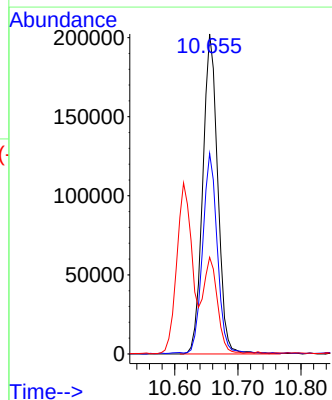


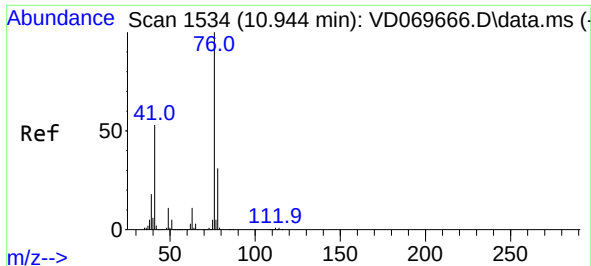
#56
Ethyl methacrylate
Concen: 43.195 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 69 Resp: 332909

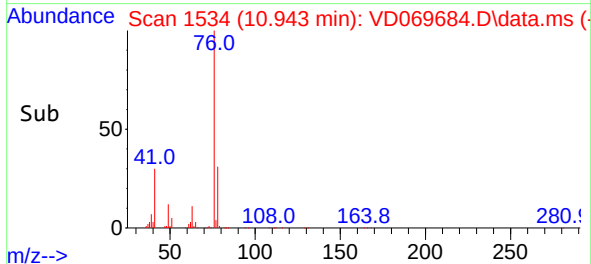
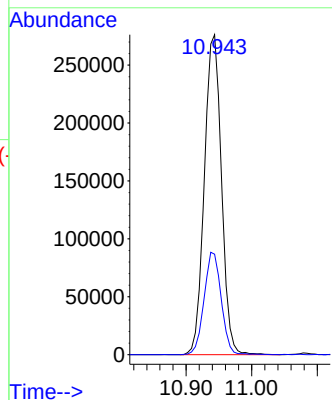
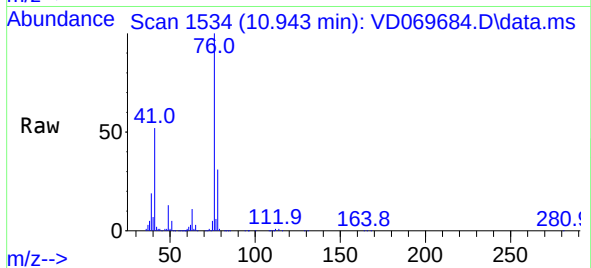
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.5	74.3
39	27.4	22.5	33.7





#57
1,3-Dichloropropane
Concen: 46.896 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 76 Resp: 502170
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

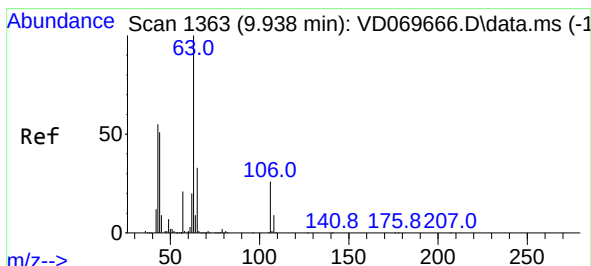


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

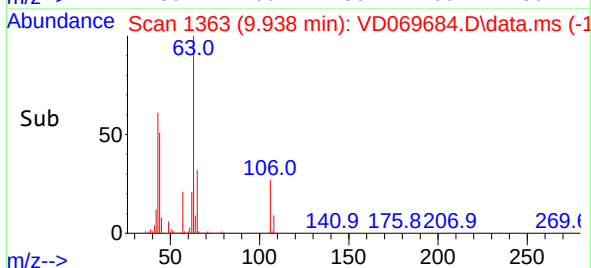
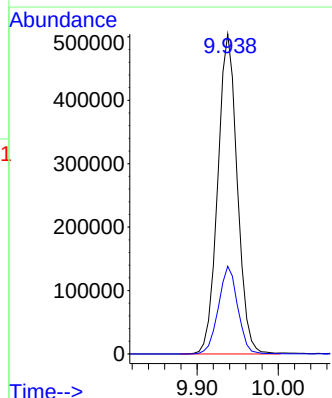
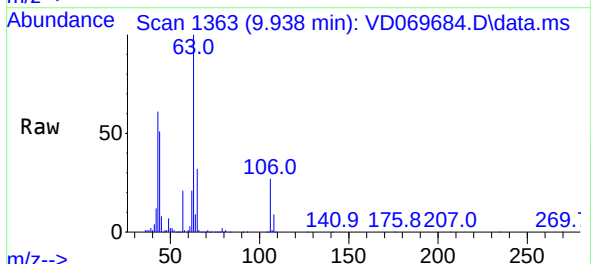
MMDadoda

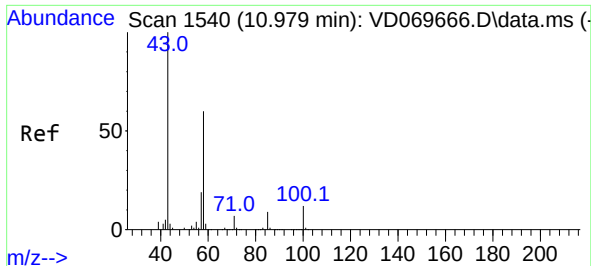
7/15/2021 5:51:11 PM



#58
2-Chloroethyl Vinyl ether
Concen: 244.532 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 63 Resp: 843756
Ion Ratio Lower Upper
63 100
106 27.1 21.1 31.7





#59
2-Hexanone
Concen: 240.450 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

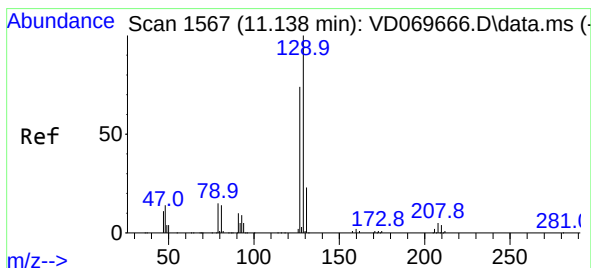
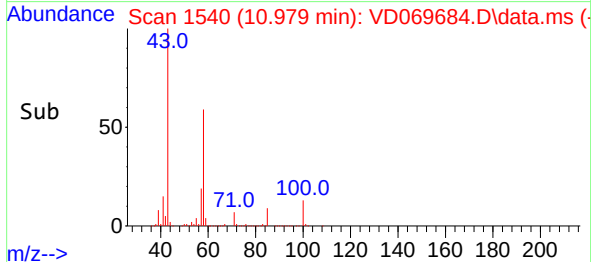
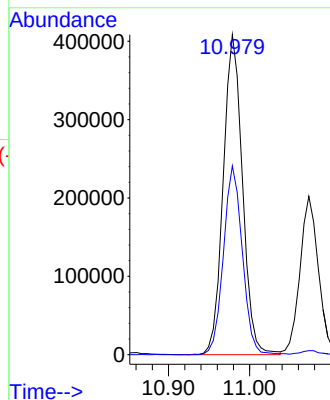
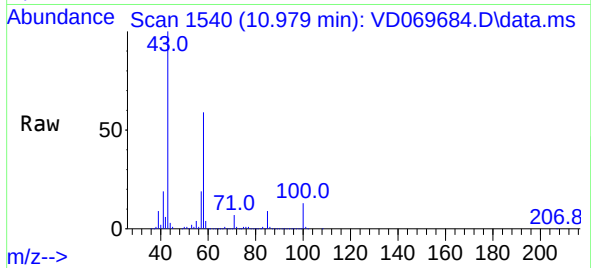
Tgt Ion: 43 Resp: 673735
Ion Ratio Lower Upper
43 100
58 57.9 29.1 87.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

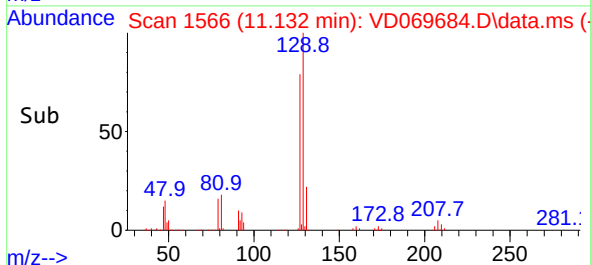
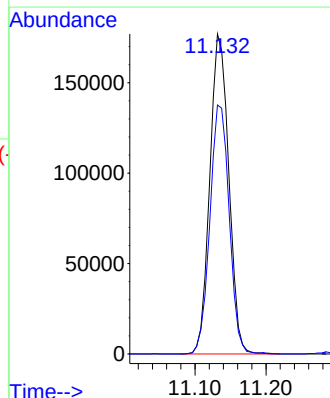
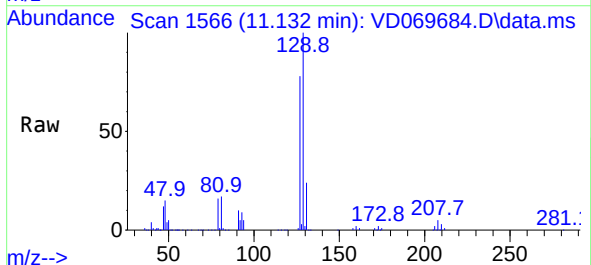
MMDadoda

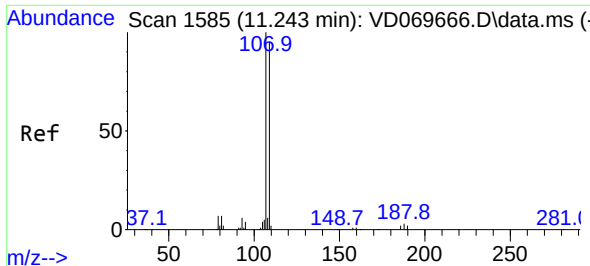
7/15/2021 5:51:11 PM



#60
Dibromochloromethane
Concen: 46.296 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 129 Resp: 327580
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





#61
1,2-Dibromoethane
Concen: 46.719 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

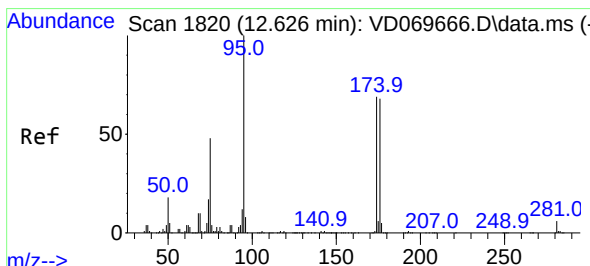
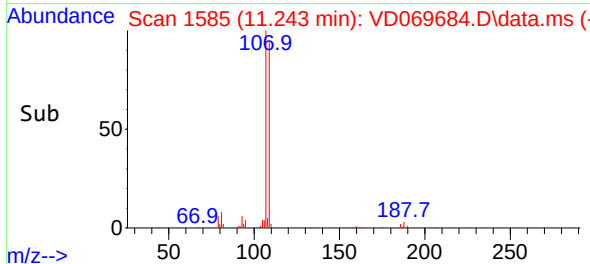
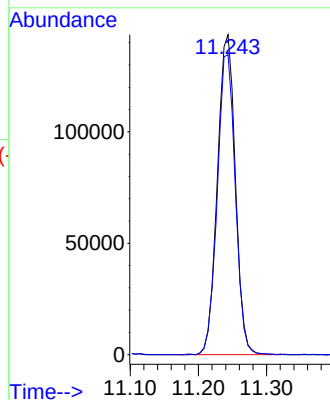
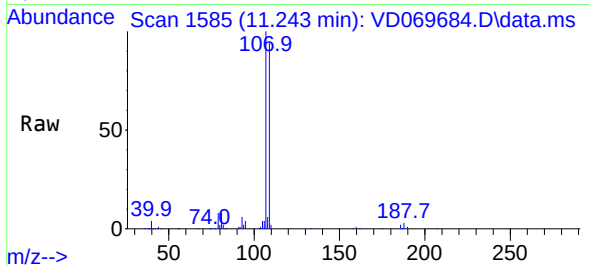
Tgt Ion:107 Resp: 262904
Ion Ratio Lower Upper
107 100
109 94.5 74.7 112.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

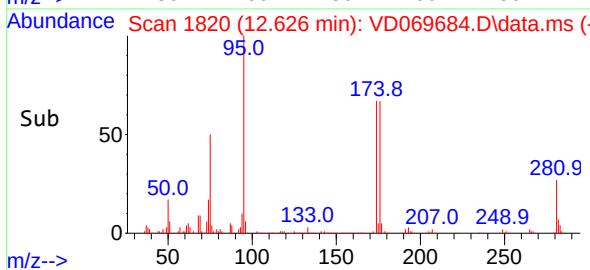
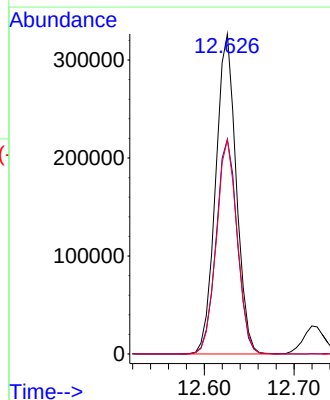
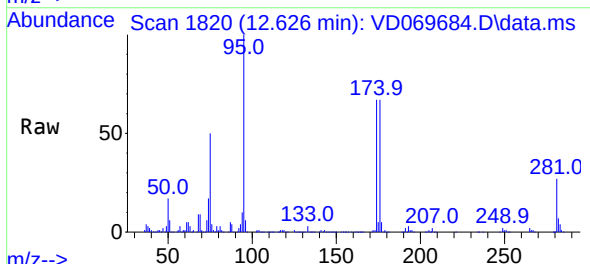
MMDadoda

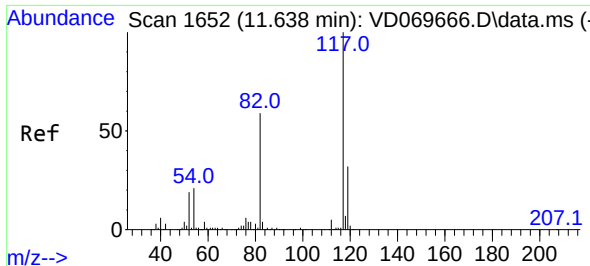
7/15/2021 5:51:11 PM



#62
4-Bromofluorobenzene
Concen: 52.533 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

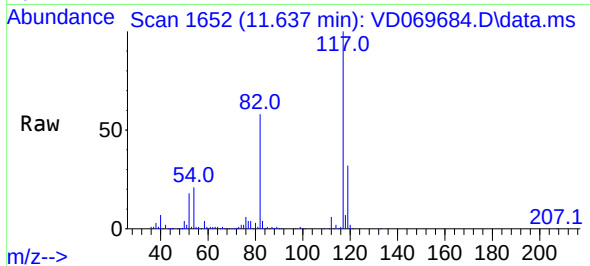
Tgt Ion: 95 Resp: 518714
Ion Ratio Lower Upper
95 100
174 68.7 0.0 140.0
176 67.9 0.0 136.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

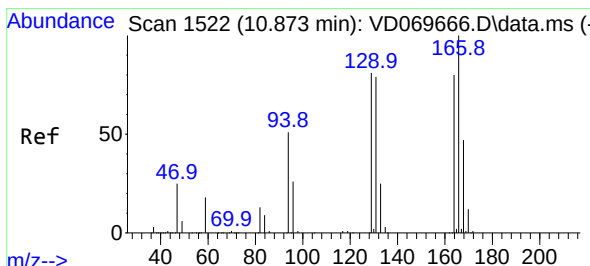
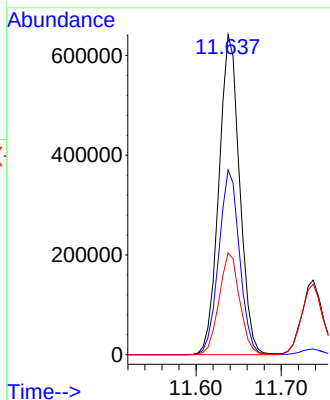
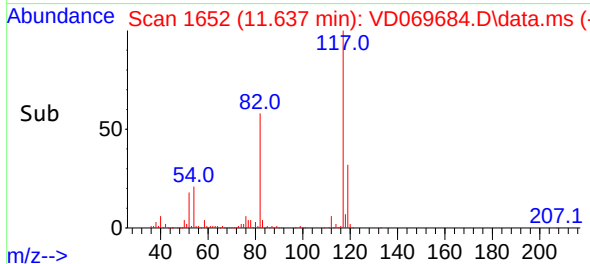


Tgt Ion:117 Resp: 1081005
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.8 25.5 38.3

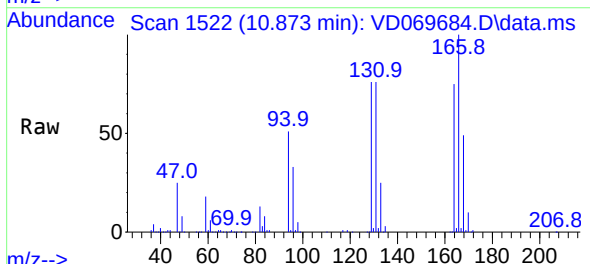
Manual Integrations
APPROVED

MMDadoda

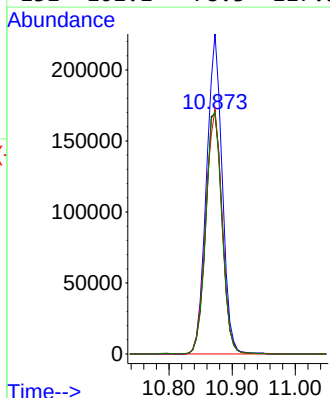
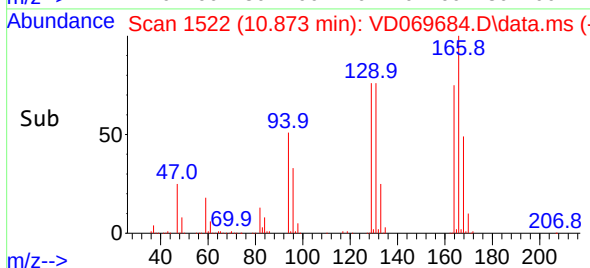
7/15/2021 5:51:11 PM

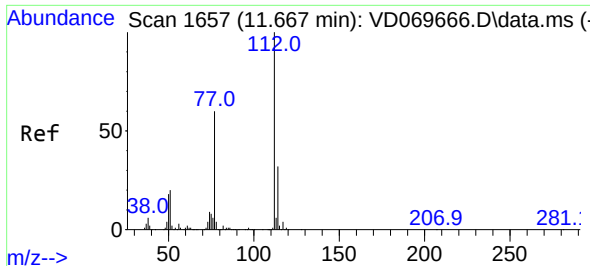


#64
Tetrachloroethene
Concen: 46.844 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion:164 Resp: 309232
Ion Ratio Lower Upper
164 100
166 133.5 99.6 149.4
129 102.0 80.8 121.2
131 101.1 78.3 117.5





#65
Chlorobenzene
Concen: 47.149 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

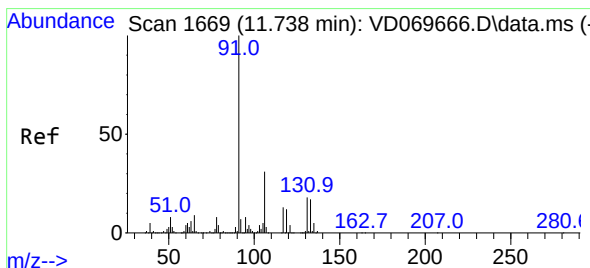
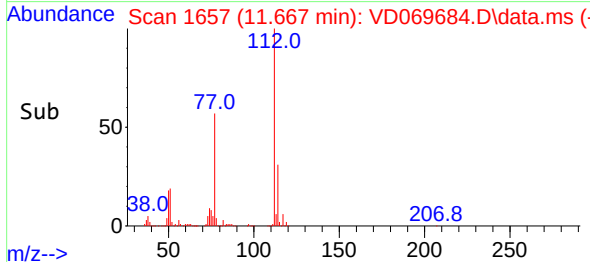
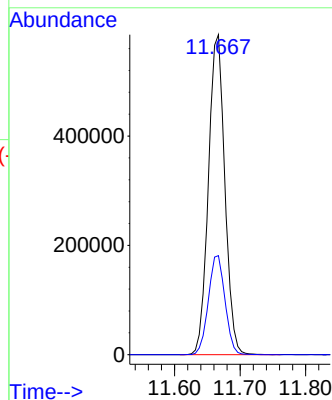
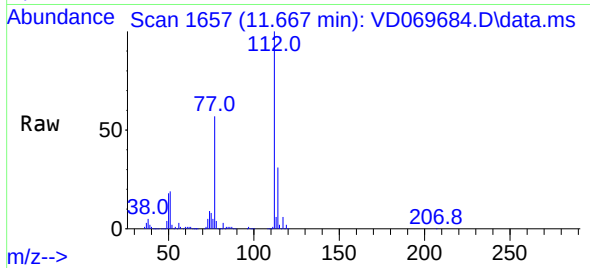
Tgt Ion:112 Resp: 1018169
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

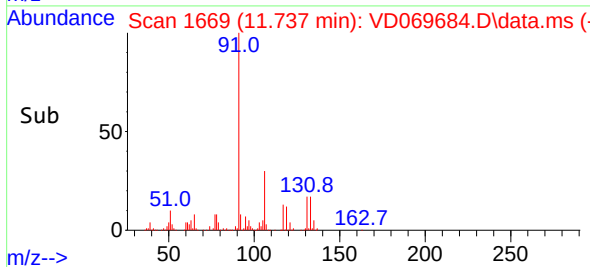
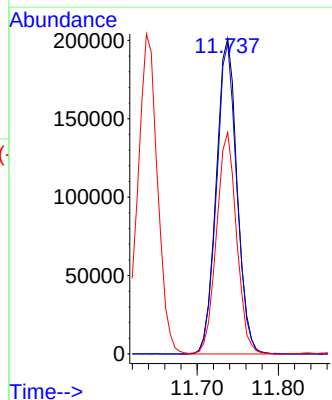
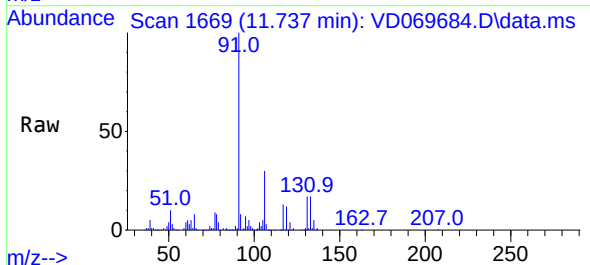
MMDadoda

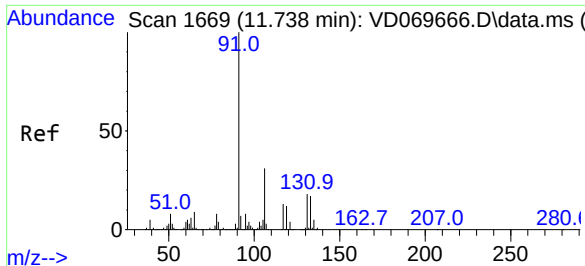
7/15/2021 5:51:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.426 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

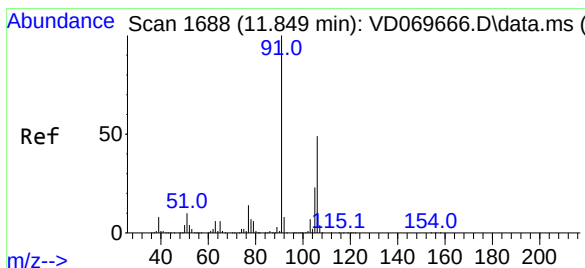
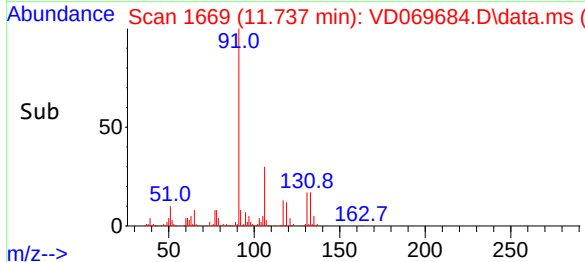
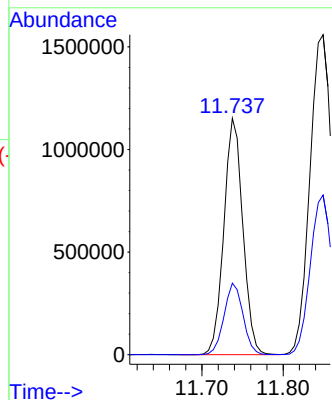
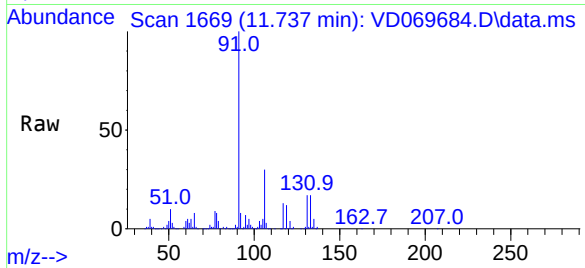
Tgt Ion:131 Resp: 358132
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 67.8 33.9 101.6





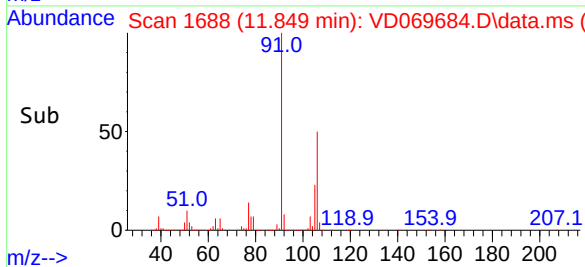
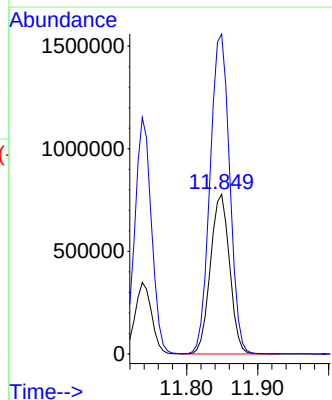
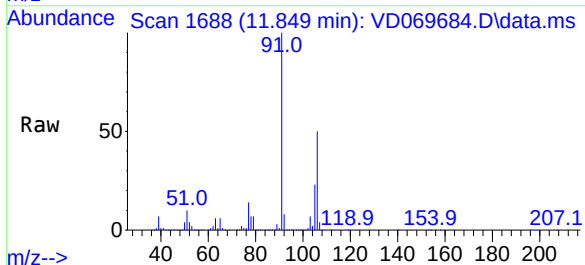
#67
Ethyl Benzene
Concen: 48.955 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 91 Resp: 1872085
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0



#68
m/p-Xylenes
Concen: 100.740 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:106 Resp: 1456758
Ion Ratio Lower Upper
106 100
91 204.9 164.5 246.7

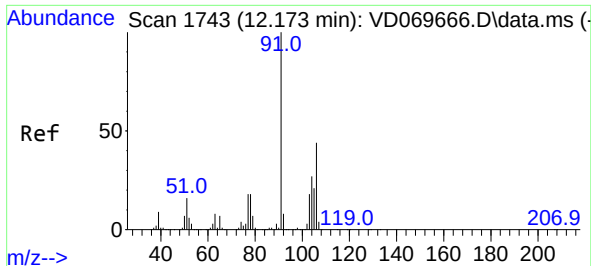


Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#69
o-Xylene
Concen: 49.453 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

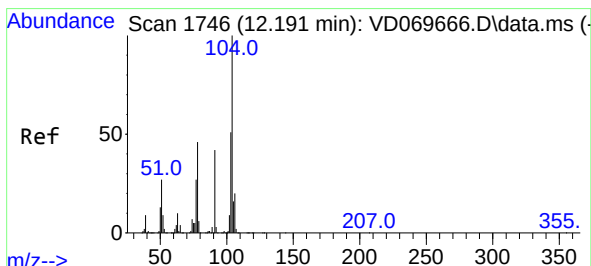
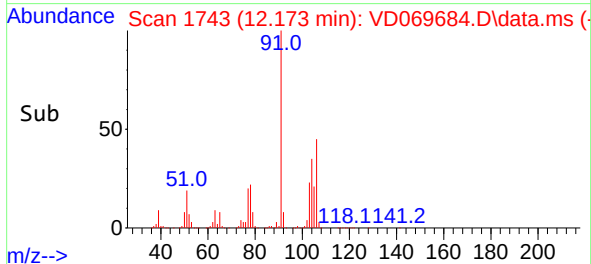
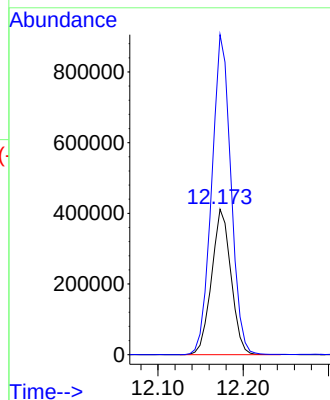
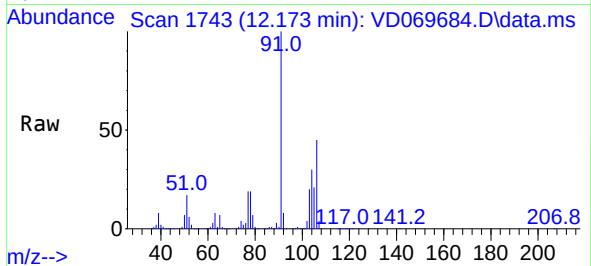
Tgt Ion:106 Resp: 651183
Ion Ratio Lower Upper
106 100
91 218.2 109.3 327.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

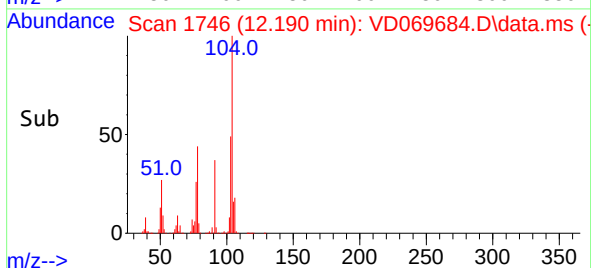
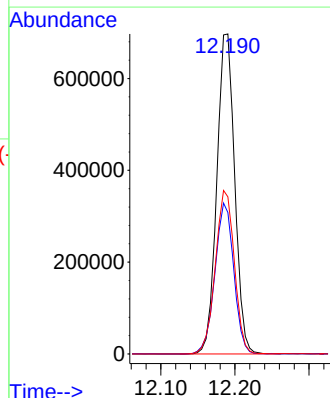
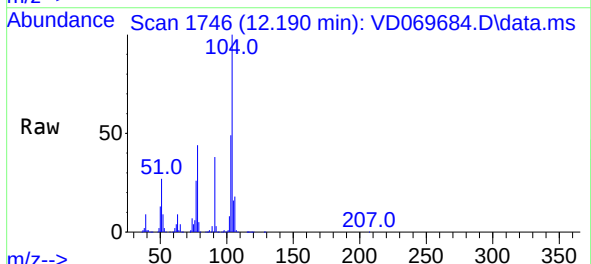
MMDadoda

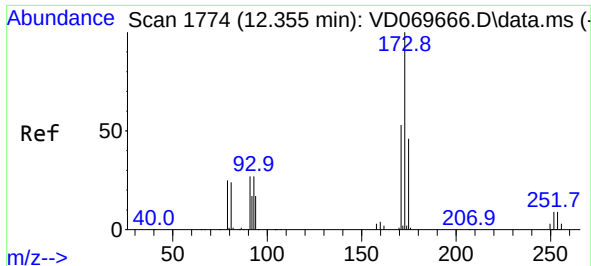
7/15/2021 5:51:11 PM



#70
Styrene
Concen: 50.900 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

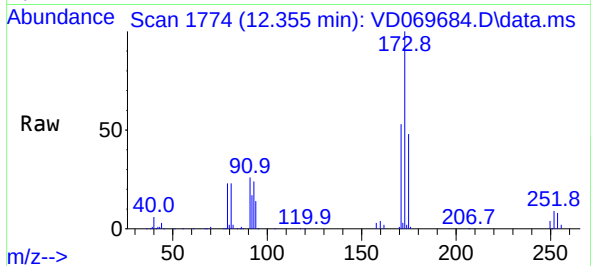
Tgt Ion:104 Resp: 1169621
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 54.4 43.9 65.9





#71
Bromoform
Concen: 47.005 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

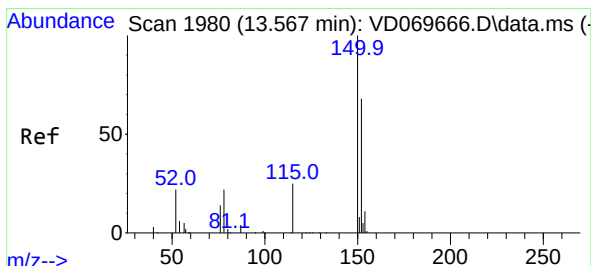
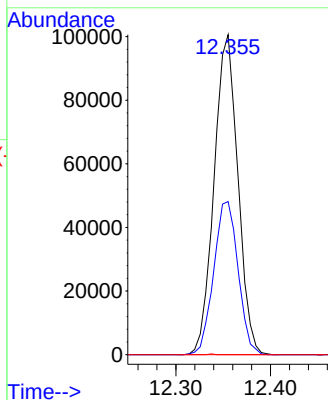
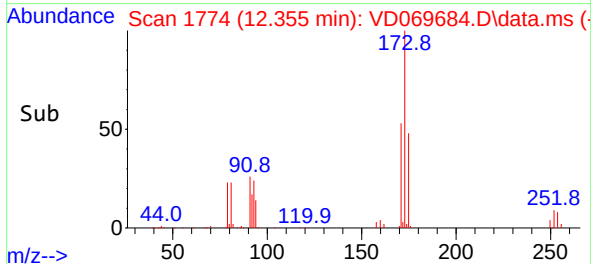


Tgt Ion:173 Resp: 175802
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.1 0.1 0.1#

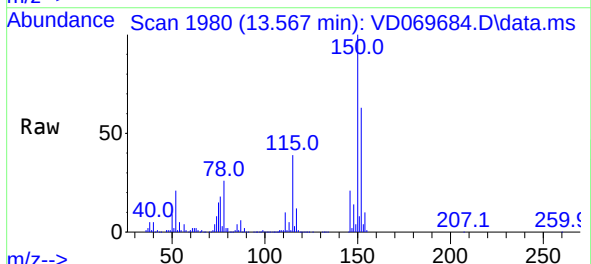
Manual Integrations
APPROVED

MMDadoda

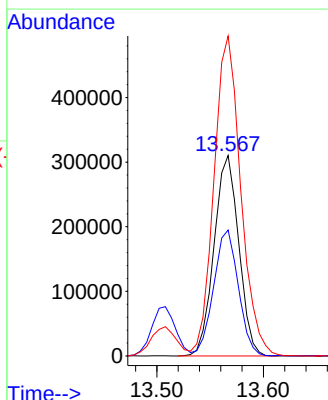
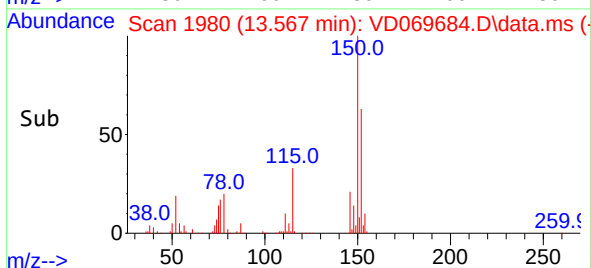
7/15/2021 5:51:11 PM

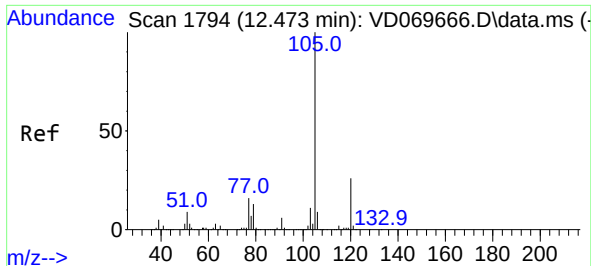


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



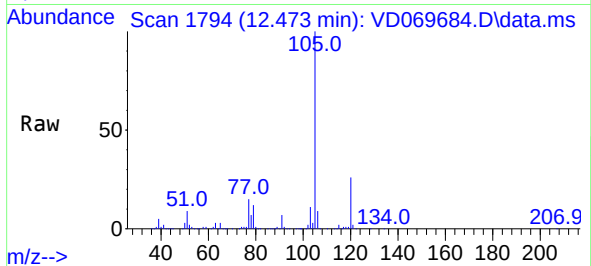
Tgt Ion:152 Resp: 499145
Ion Ratio Lower Upper
152 100
115 62.9 31.7 95.1
150 173.2 0.0 350.4





#73
Isopropylbenzene
Concen: 48.621 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

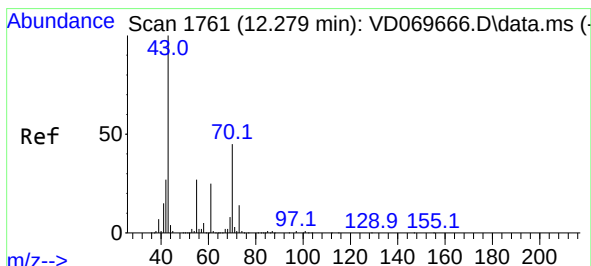
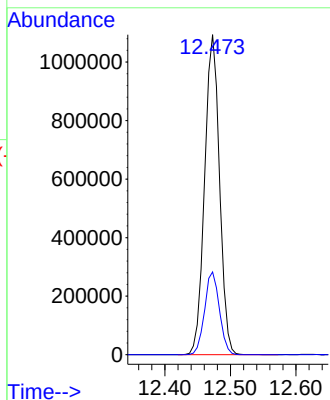
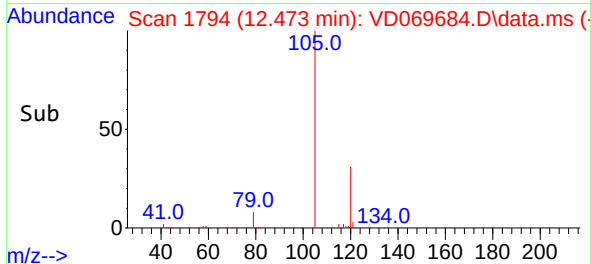


Tgt Ion:105 Resp: 1728074
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

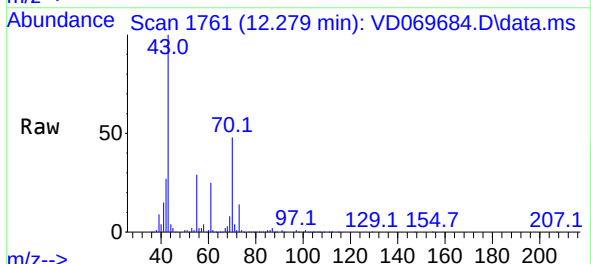
Manual Integrations
APPROVED

MMDadoda

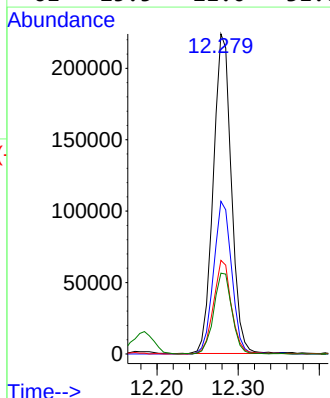
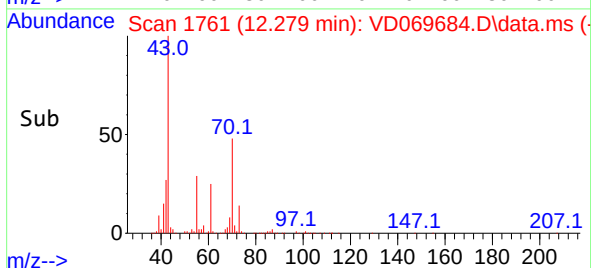
7/15/2021 5:51:11 PM

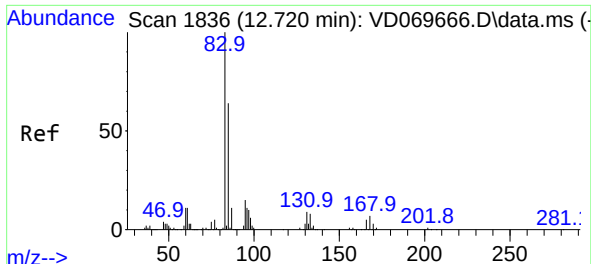


#74
N-ethyl acetate
Concen: 44.686 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 43 Resp: 345117
Ion Ratio Lower Upper
43 100
70 48.1 36.9 55.3
55 29.3 22.4 33.6
61 25.5 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 44.827 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

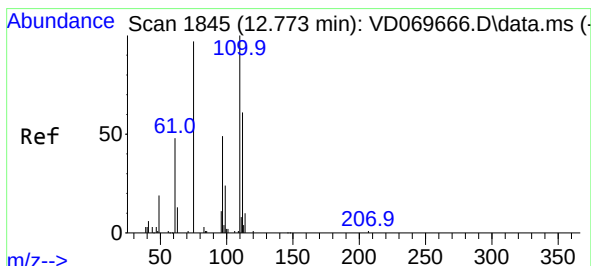
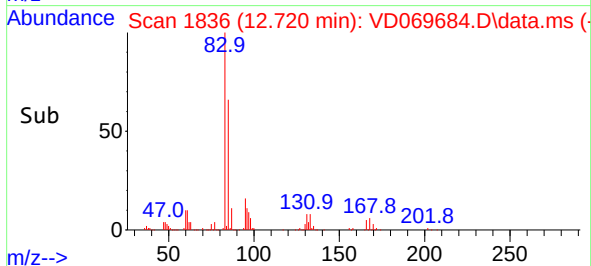
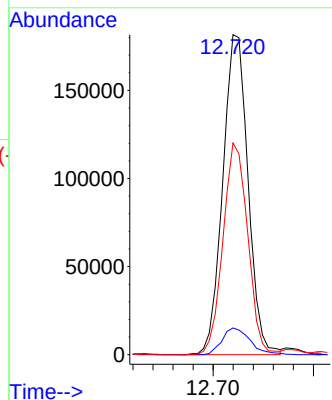
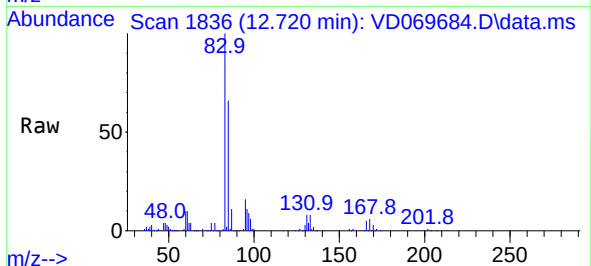
Tgt Ion: 83 Resp: 317343
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 64.8 32.6 97.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

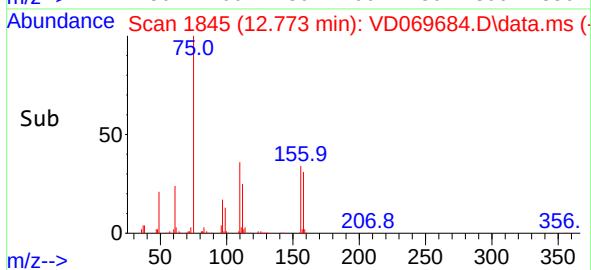
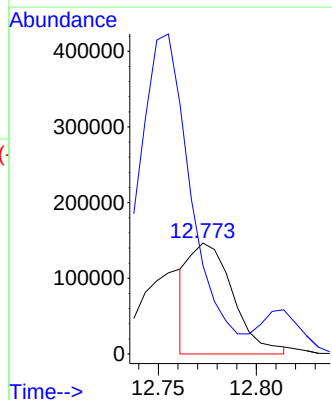
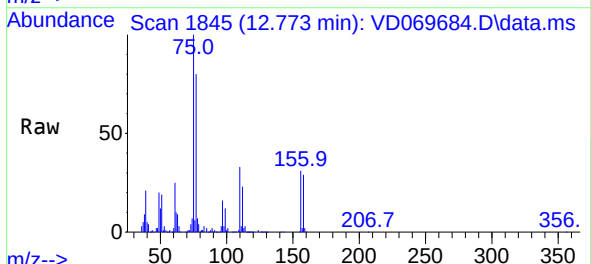
MMDadoda

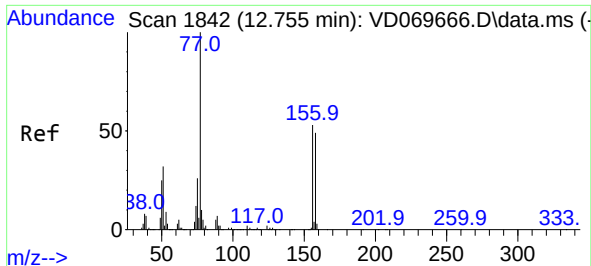
7/15/2021 5:51:11 PM



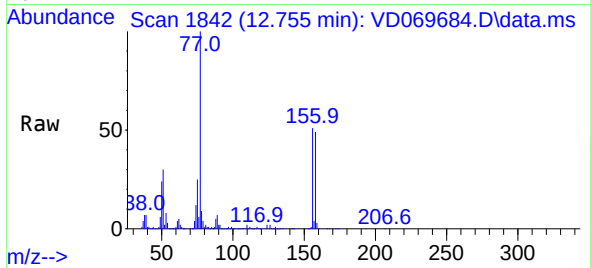
#76
1,2,3-Trichloropropane
Concen: 47.237 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 75 Resp: 229057
Ion Ratio Lower Upper
75 100
77 350.4 0.0 0.0#

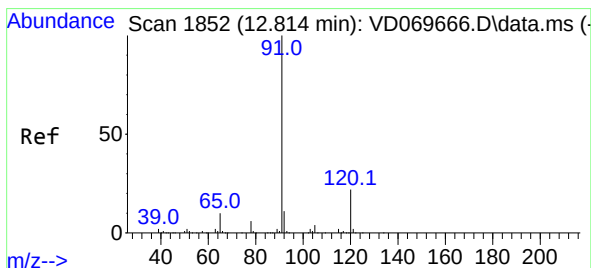
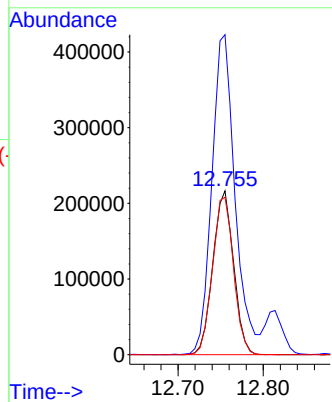
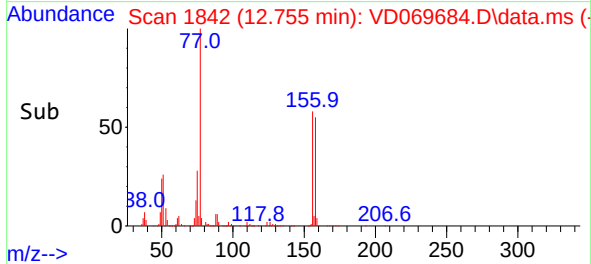




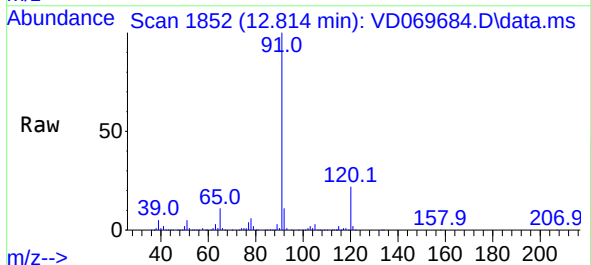
#77
Bromobenzene
Concen: 46.550 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



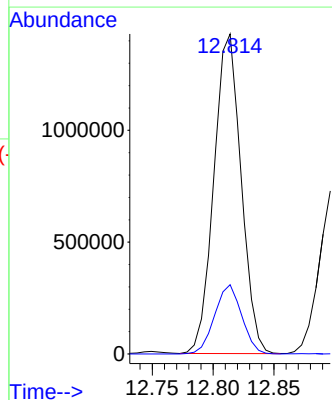
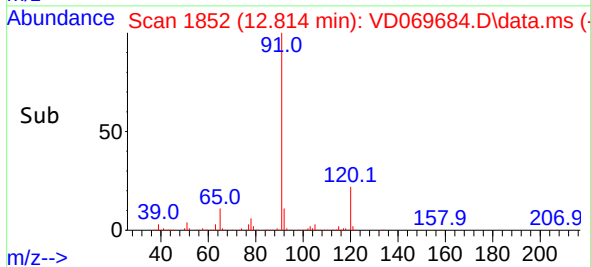
Tgt Ion:156 Resp: 367055
Ion Ratio Lower Upper
156 100
77 218.7 106.5 319.4
158 97.4 48.0 144.2



#78
n-propylbenzene
Concen: 49.359 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 91 Resp: 2224361
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

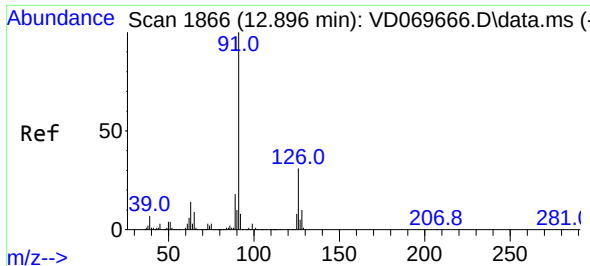


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#79
2-Chlorotoluene
Concen: 47.380 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

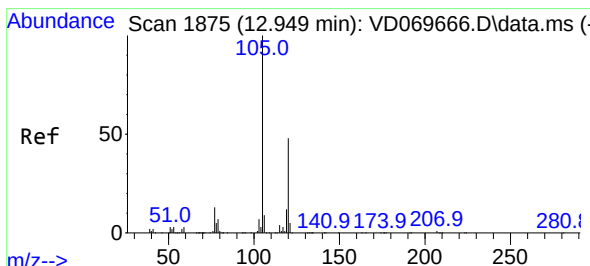
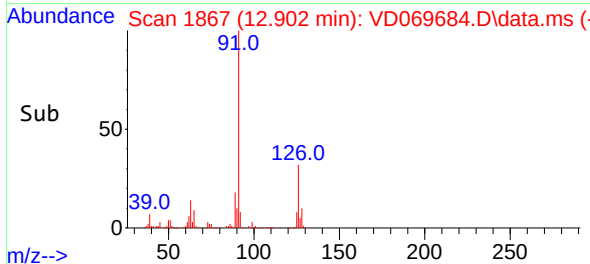
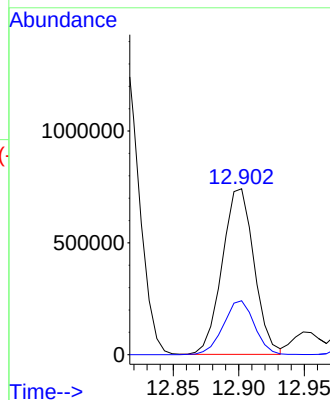
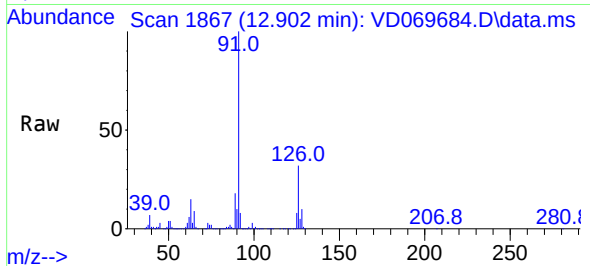
Tgt Ion: 91 Resp: 1255248
Ion Ratio Lower Upper
91 100
126 31.9 16.0 48.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

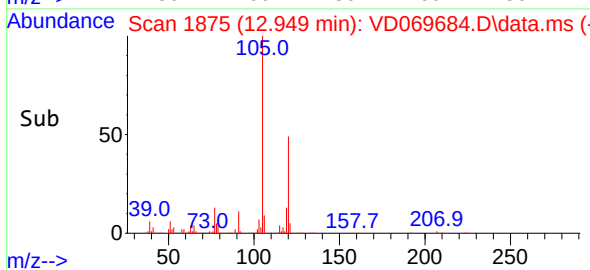
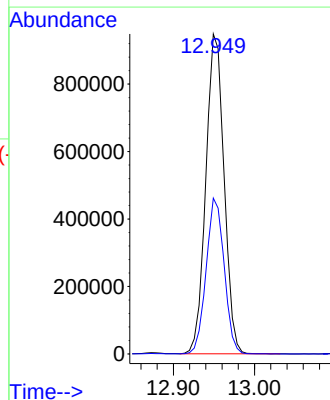
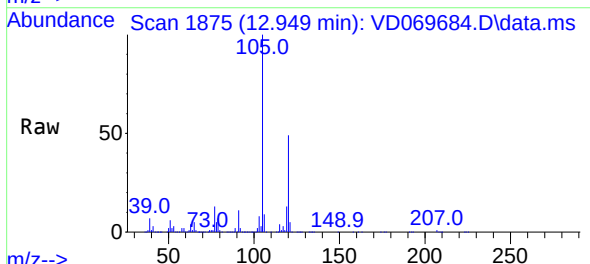
MMDadoda

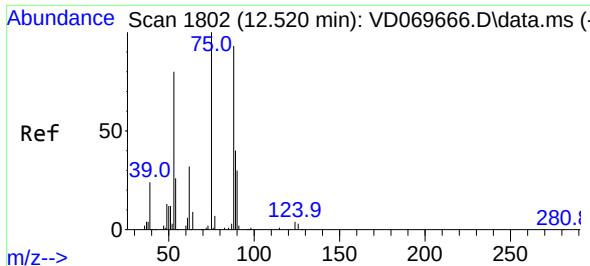
7/15/2021 5:51:11 PM



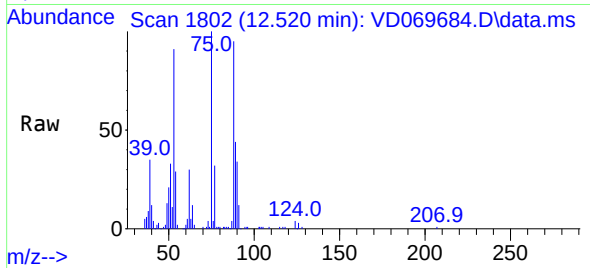
#80
1,3,5-Trimethylbenzene
Concen: 49.061 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:105 Resp: 1478948
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

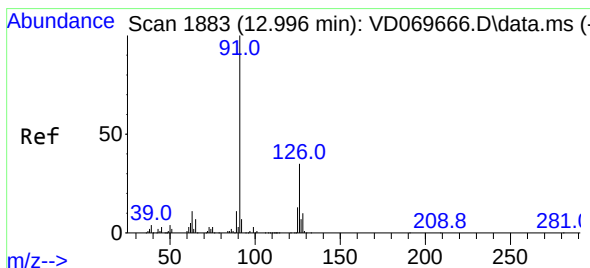
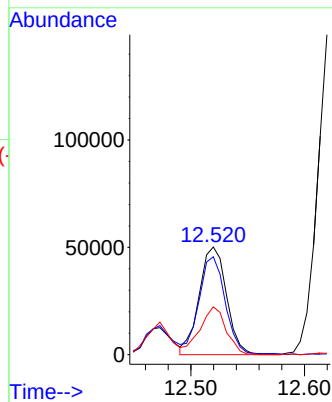
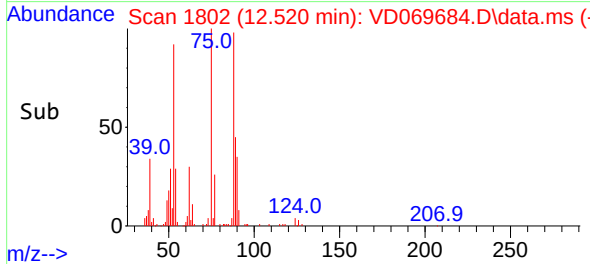




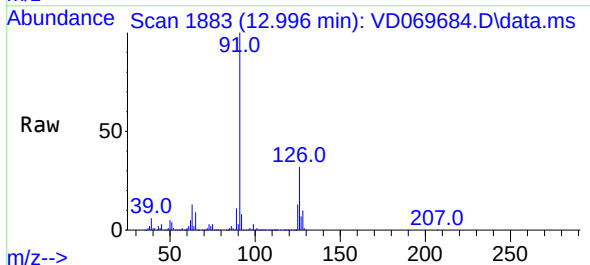
#81
trans-1,4-Dichloro-2-butene
Concen: 46.596 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



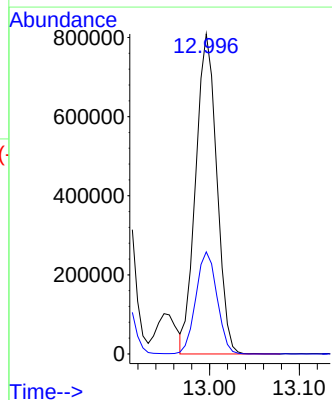
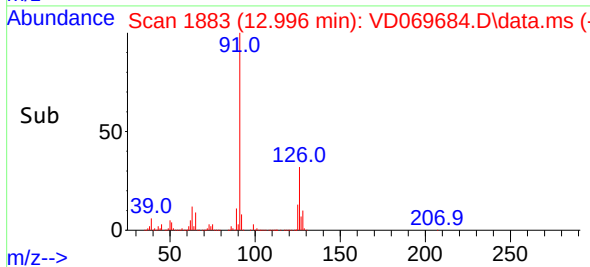
Tgt Ion: 75 Resp: 84074
Ion Ratio Lower Upper
75 100
53 88.1 70.6 106.0
89 42.9 35.1 52.7



#82
4-Chlorotoluene
Concen: 47.355 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion: 91 Resp: 1316546
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5

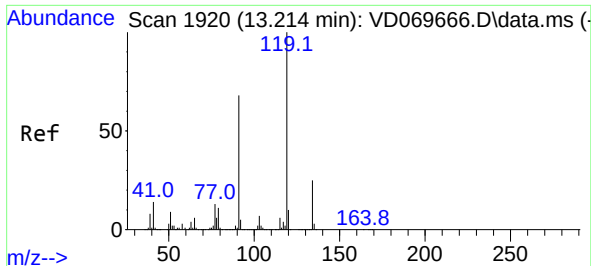


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#83
tert-Butylbenzene
Concen: 48.026 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:119 Resp: 1180294

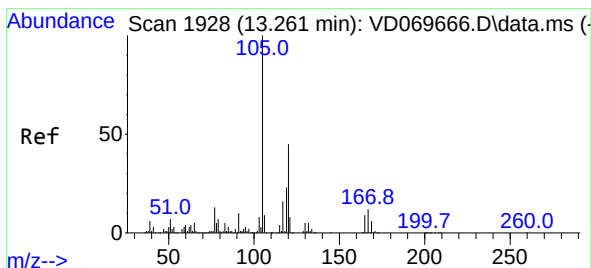
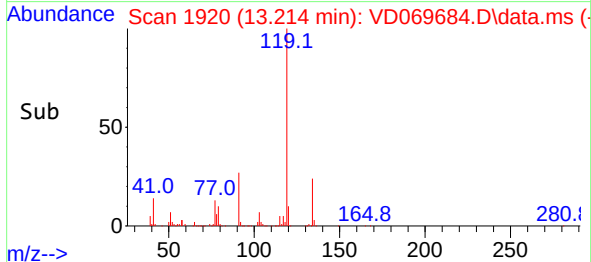
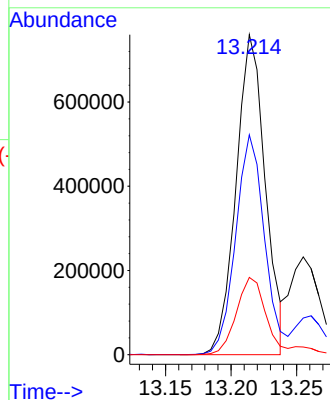
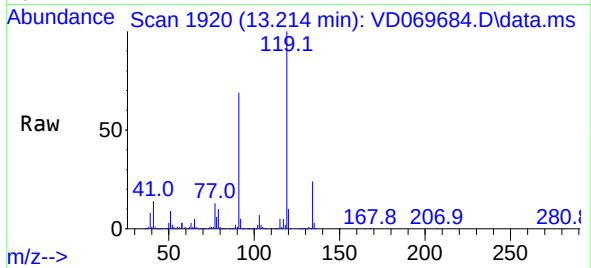
Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.3	102.9
134	24.2	13.2	39.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

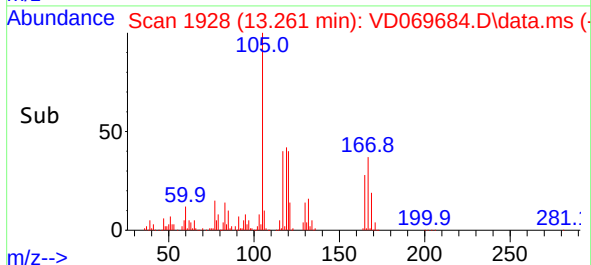
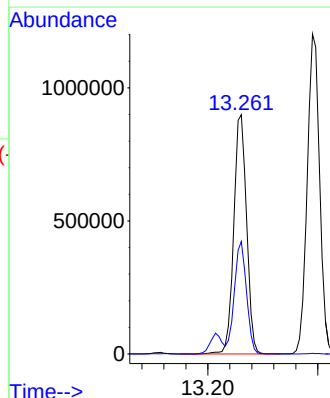
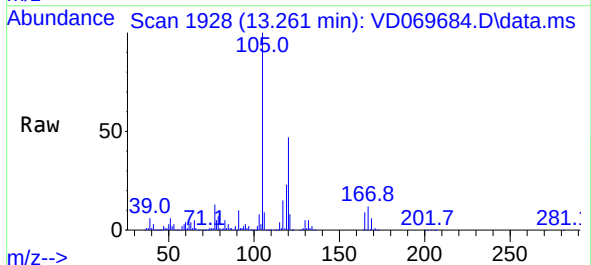
7/15/2021 5:51:11 PM

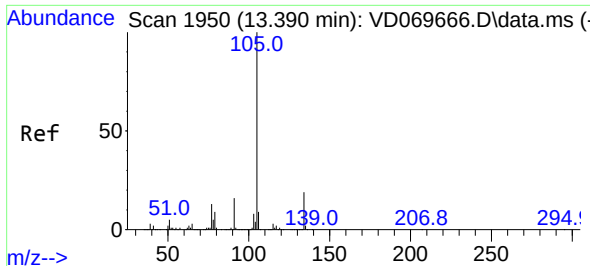


#84
1,2,4-Trimethylbenzene
Concen: 48.735 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:105 Resp: 1457618

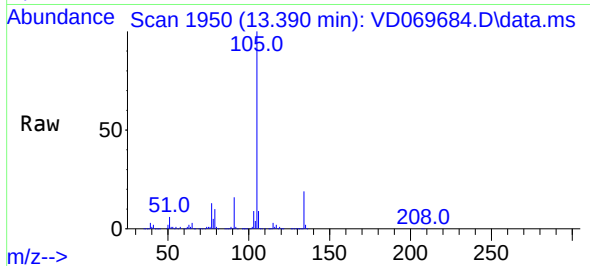
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 48.736 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD069684.D
 Acq: 14 Jul 2021 10:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



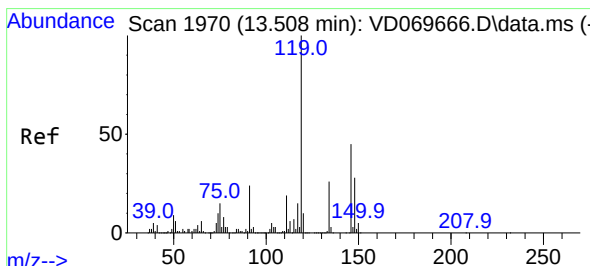
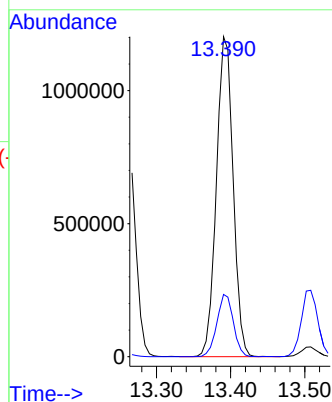
Tgt Ion:105 Resp: 1882371

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.4	28.3

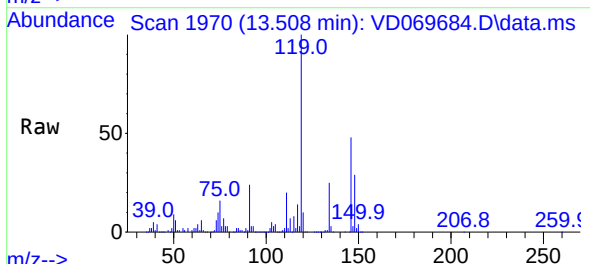
Manual Integrations
 APPROVED

MMDadoda

7/15/2021 5:51:11 PM

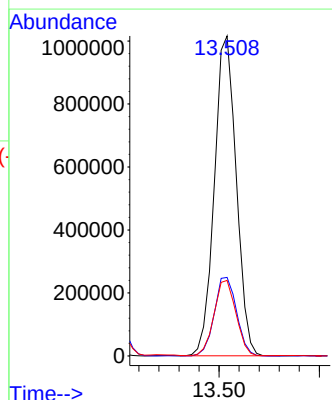
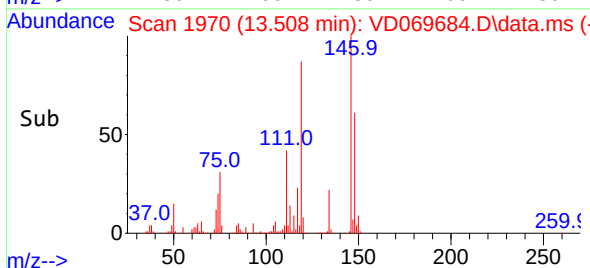


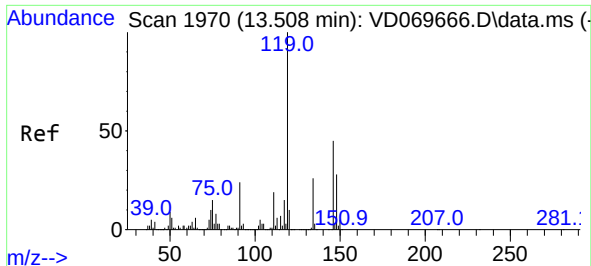
#86
 p-Isopropyltoluene
 Concen: 48.928 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069684.D
 Acq: 14 Jul 2021 10:24



Tgt Ion:119 Resp: 1539186

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.8	38.3
91	23.6	12.0	36.0





#87
1,3-Dichlorobenzene
Concen: 47.448 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

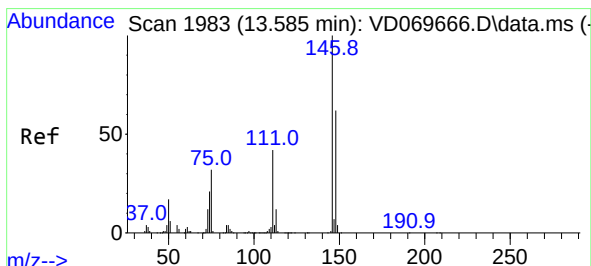
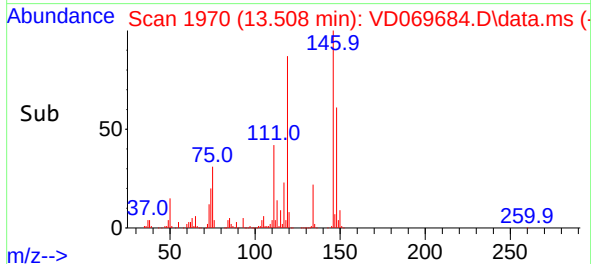
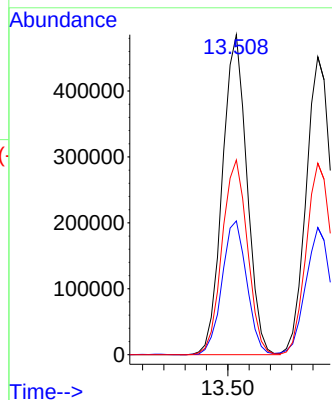
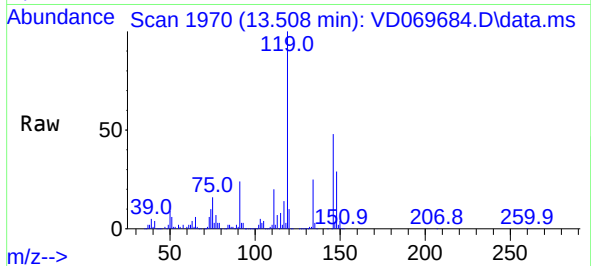
Tgt Ion:146 Resp: 776995
Ion Ratio Lower Upper
146 100
111 42.1 21.6 65.0
148 62.6 31.4 94.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

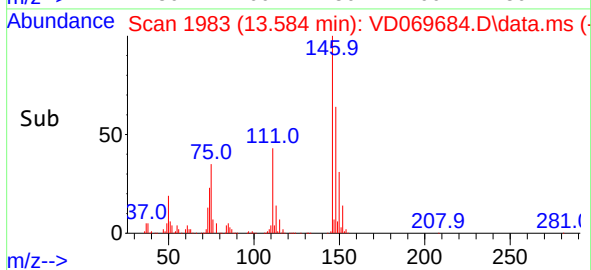
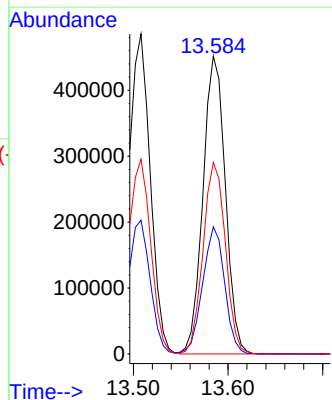
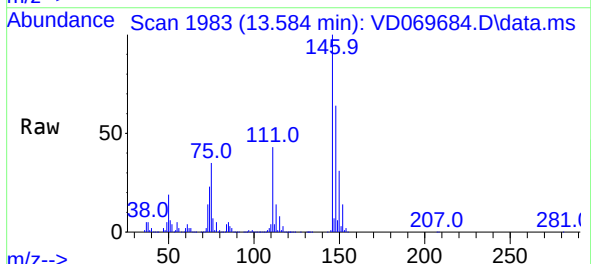
MMDadoda

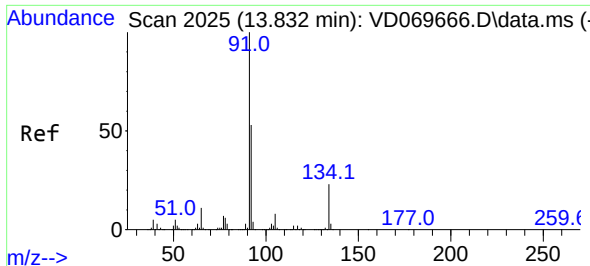
7/15/2021 5:51:11 PM



#88
1,4-Dichlorobenzene
Concen: 45.417 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

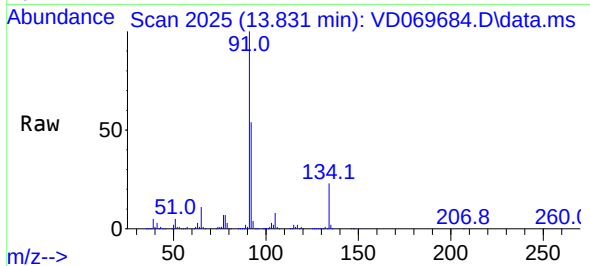
Tgt Ion:146 Resp: 742749
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 64.2 31.4 94.3





#89
n-Butylbenzene
Concen: 47.912 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



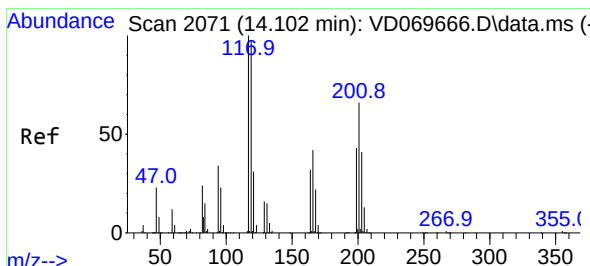
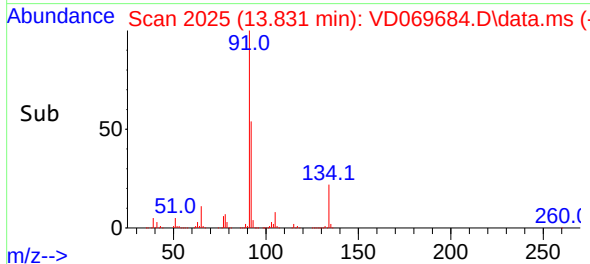
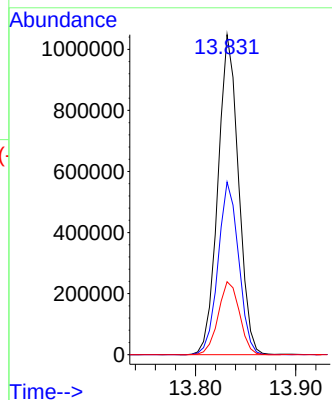
Tgt Ion: 91 Resp: 1493274

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	23.6	11.7	35.1

Manual Integrations
APPROVED

MMDadoda

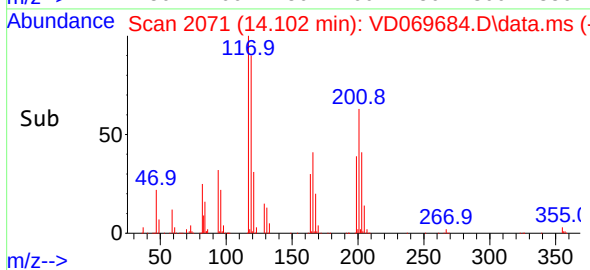
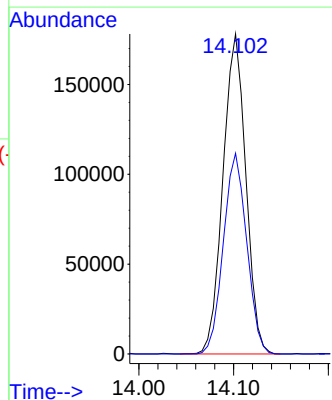
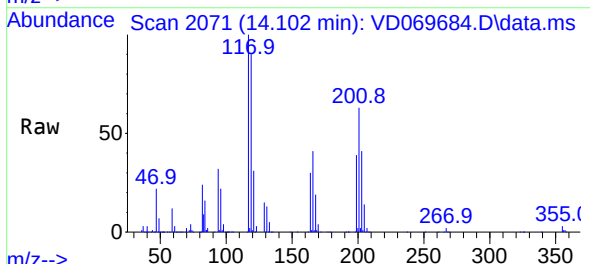
7/15/2021 5:51:11 PM

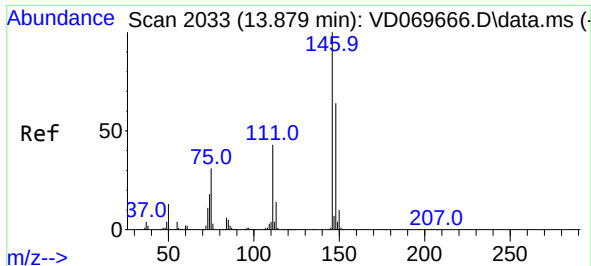


#90
Hexachloroethane
Concen: 46.681 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 117 Resp: 298832

Ion	Ratio	Lower	Upper
117	100		
201	64.0	31.9	95.5





#91
1,2-Dichlorobenzene
Concen: 46.681 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

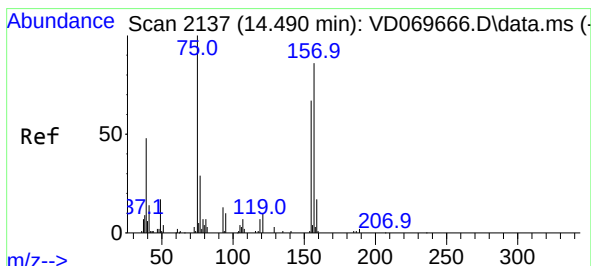
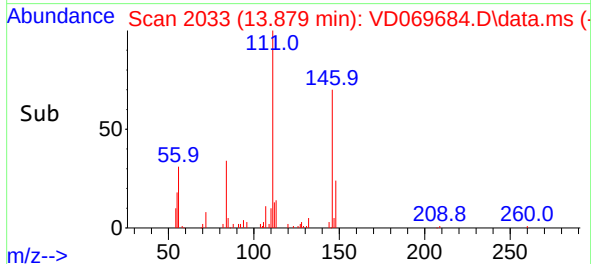
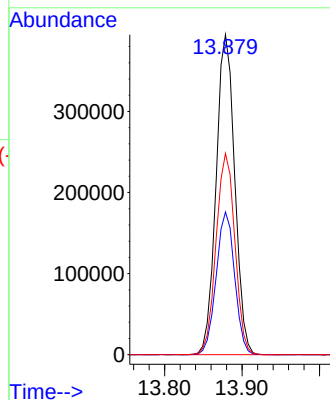
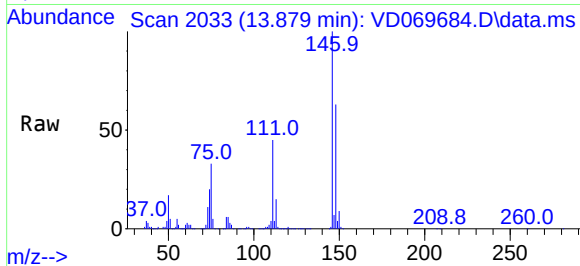
Tgt Ion:146 Resp: 659135
Ion Ratio Lower Upper
146 100
111 44.2 21.9 65.5
148 63.5 32.2 96.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

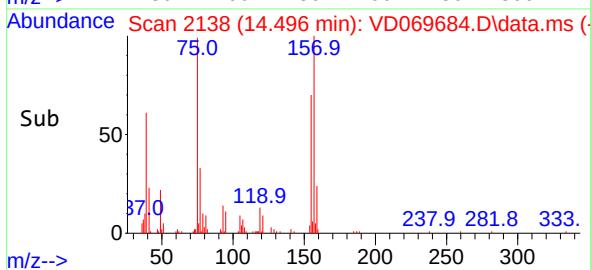
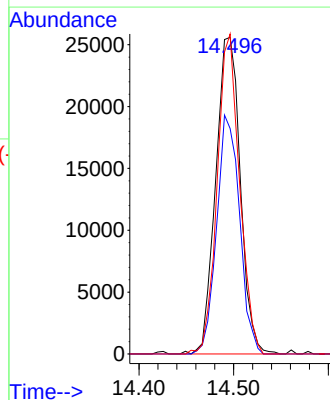
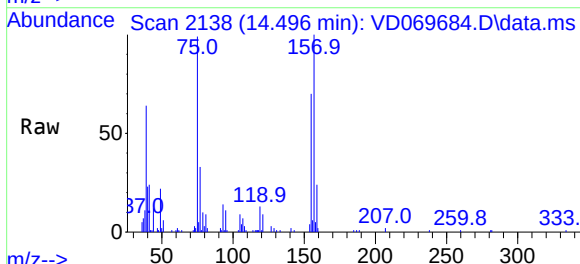
MMDadoda

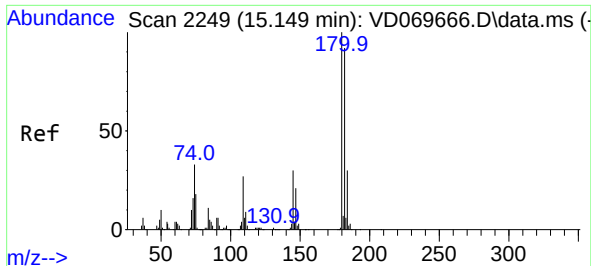
7/15/2021 5:51:11 PM



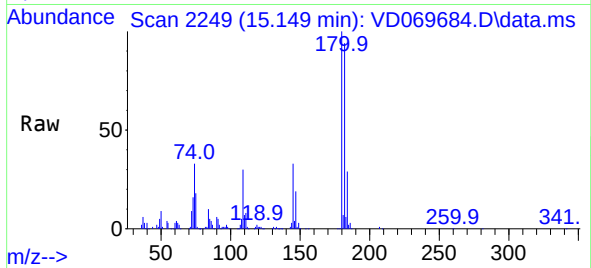
#92
1,2-Dibromo-3-Chloropropane
Concen: 43.814 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion: 75 Resp: 46198
Ion Ratio Lower Upper
75 100
155 70.3 35.9 107.7
157 91.8 45.6 136.9

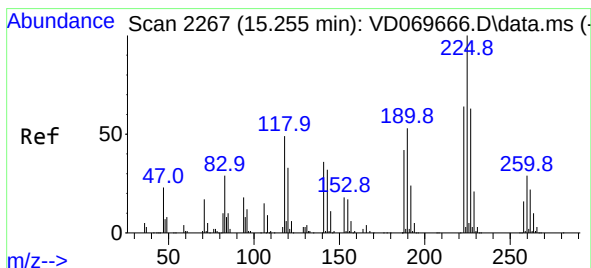
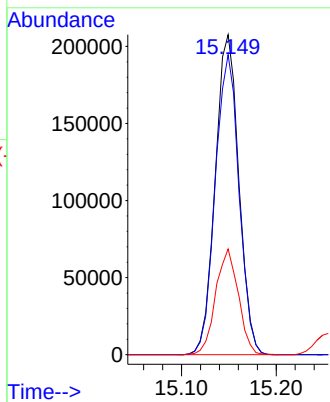
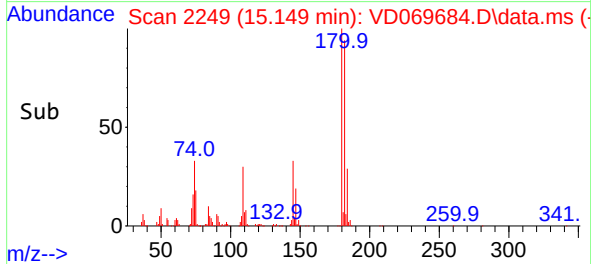




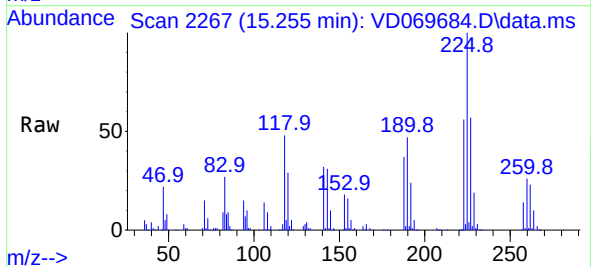
#93
1,2,4-Trichlorobenzene
Concen: 45.769 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



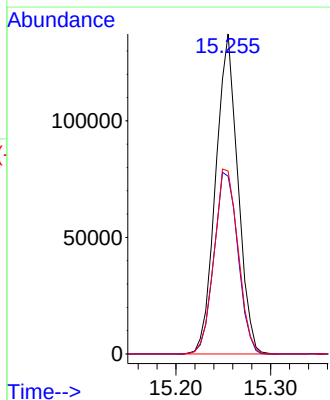
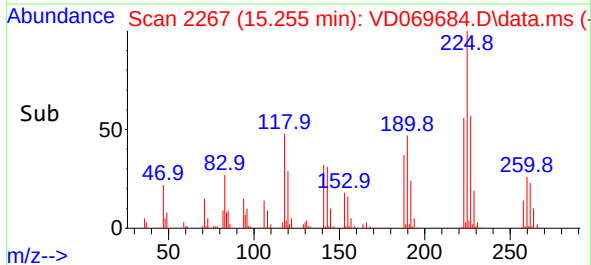
Tgt Ion:180 Resp: 359287
Ion Ratio Lower Upper
180 100
182 94.4 46.4 139.2
145 31.8 15.5 46.5



#94
Hexachlorobutadiene
Concen: 47.274 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24



Tgt Ion:225 Resp: 223743
Ion Ratio Lower Upper
225 100
223 61.0 31.9 95.7
227 62.4 32.2 96.6

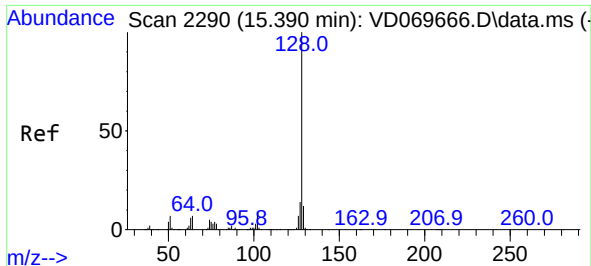


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#95
Naphthalene
Concen: 41.158 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

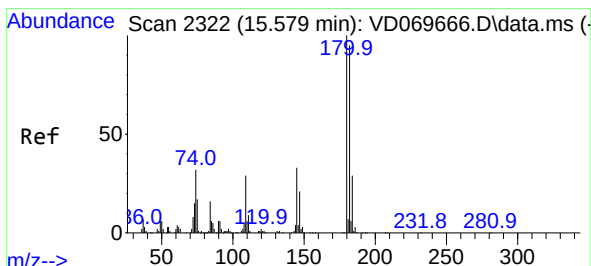
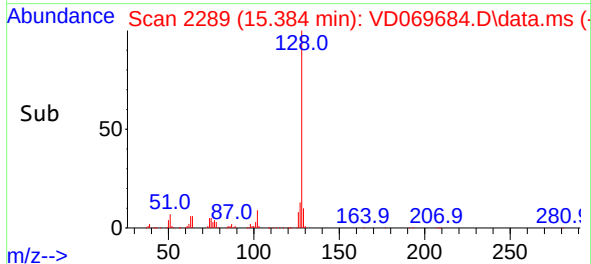
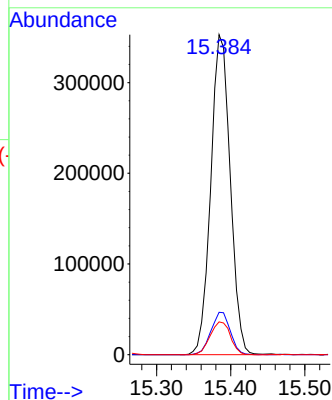
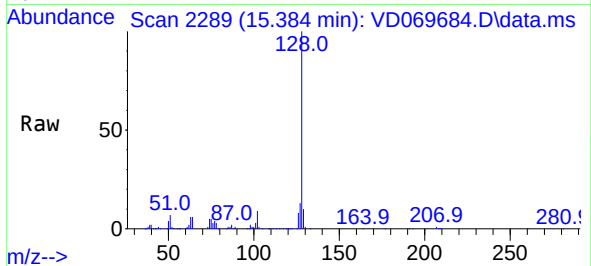
Tgt Ion:	128	Resp:	643444
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.7	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

7/15/2021 5:51:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.999 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.001 min
Lab File: VD069684.D
Acq: 14 Jul 2021 10:24

Tgt Ion:	180	Resp:	310168
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.0	144.2
145	33.9	17.2	51.5

