

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068596.D
 Acq On : 12 Mar 2021 09:58
 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
 3/15/2021 12:39:45 PM

Quant Time: Mar 12 23:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	337528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	544445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	500389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	283099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152949	45.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.70%		
35) Dibromofluoromethane	7.914	113	165202	50.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.74%		
50) Toluene-d8	10.338	98	621730	47.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.18%		
62) 4-Bromofluorobenzene	12.632	95	218014	51.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	147698	45.09	ug/l	100
3) Chloromethane	2.209	50	172851	41.76	ug/l	96
4) Vinyl Chloride	2.350	62	228177	46.42	ug/l	99
5) Bromomethane	2.762	94	161161	46.05	ug/l	98
6) Chloroethane	2.921	64	148545	46.74	ug/l	100
7) Trichlorofluoromethane	3.273	101	287543	51.28	ug/l	99
8) Diethyl Ether	3.709	74	79022	47.34	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	172680	50.55	ug/l	97
10) Methyl Iodide	4.297	142	176388	43.54	ug/l	94
11) Tert butyl alcohol	5.220	59	50119	278.35	ug/l	98
12) 1,1-Dichloroethene	4.062	96	164267	48.46	ug/l	95
13) Acrolein	3.926	56	51971	201.95	ug/l	98
14) Allyl chloride	4.715	41	191184	43.68	ug/l	92
15) Acrylonitrile	5.420	53	179477	254.72	ug/l	99
16) Acetone	4.162	43	159373	297.52	ug/l #	86
17) Carbon Disulfide	4.409	76	521610	46.97	ug/l	97
18) Methyl Acetate	4.715	43	72102	52.22	ug/l	98
19) Methyl tert-butyl Ether	5.485	73	390377	53.12	ug/l	95
20) Methylene Chloride	4.962	84	211208	52.97	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	210442	52.00	ug/l	97
22) Diisopropyl ether	6.362	45	425532	44.15	ug/l	97
23) Vinyl Acetate	6.303	43	1132685	226.52	ug/l	98
24) 1,1-Dichloroethane	6.262	63	306936	46.46	ug/l	99
25) 2-Butanone	7.214	43	185834	241.34	ug/l	96
26) 2,2-Dichloropropane	7.209	77	277716	50.46	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	212349	47.79	ug/l	99
28) Bromochloromethane	7.544	49	111972	43.42	ug/l	94
29) Tetrahydrofuran	7.567	42	111338	222.67	ug/l	96
30) Chloroform	7.714	83	330664	47.40	ug/l	99
31) Cyclohexane	7.985	56	256993	41.90	ug/l	99
32) 1,1,1-Trichloroethane	7.909	97	299376	50.27	ug/l	98
36) 1,1-Dichloropropene	8.108	75	258224	49.90	ug/l	98
37) Ethyl Acetate	7.291	43	83610	48.69	ug/l	98
38) Carbon Tetrachloride	8.097	117	263108	54.11	ug/l	95
39) Methylcyclohexane	9.355	83	319650	50.08	ug/l	98
40) Benzene	8.350	78	727033	48.97	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068596.D
 Acq On : 12 Mar 2021 09:58
 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
 3/15/2021 12:39:45 PM

Quant Time: Mar 12 23:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	52964	53.14	ug/l #	89
42) 1,2-Dichloroethane	8.426	62	193390	49.54	ug/l	100
43) Isopropyl Acetate	8.450	43	160297	50.79	ug/l	98
44) Trichloroethene	9.114	130	211075	51.80	ug/l	99
45) 1,2-Dichloropropane	9.385	63	175706	49.51	ug/l	91
46) Dibromomethane	9.479	93	100496	52.05	ug/l	97
47) Bromodichloromethane	9.661	83	256842	51.43	ug/l	100
48) Methyl methacrylate	9.455	41	81826	48.64	ug/l	93
49) 1,4-Dioxane	9.461	88	23321	1059.20	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	415867	251.83	ug/l	100
52) Toluene	10.403	92	478224	50.45	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	236468	51.23	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	276523	49.10	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	140361	52.53	ug/l	96
56) Ethyl methacrylate	10.661	69	157012	51.13	ug/l	95
57) 1,3-Dichloropropane	10.944	76	231890	49.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	398472	258.63	ug/l	95
59) 2-Hexanone	10.985	43	303600	275.81	ug/l	97
60) Dibromochloromethane	11.138	129	178063	53.84	ug/l	98
61) 1,2-Dibromoethane	11.244	107	135915	51.98	ug/l	99
64) Tetrachloroethene	10.873	164	177283	54.26	ug/l	96
65) Chlorobenzene	11.667	112	517782	50.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	190949	53.91	ug/l	98
67) Ethyl Benzene	11.744	91	930838	51.17	ug/l	97
68) m/p-Xylenes	11.849	106	733560	106.18	ug/l	98
69) o-Xylene	12.179	106	334894	52.64	ug/l	94
70) Styrene	12.191	104	580297	53.33	ug/l	98
71) Bromoform	12.361	173	105394	58.57	ug/l #	99
73) Isopropylbenzene	12.479	105	943768	44.95	ug/l	100
74) N-amyl acetate	12.285	43	156604	43.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	164160	45.44	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	103320m	41.11	ug/l	
77) Bromobenzene	12.755	156	223946	46.74	ug/l	97
78) n-propylbenzene	12.814	91	1149290	45.81	ug/l	99
79) 2-Chlorotoluene	12.902	91	623972	44.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	781152	45.39	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	49415	45.88	ug/l	97
82) 4-Chlorotoluene	13.002	91	665019	45.39	ug/l	100
83) tert-Butylbenzene	13.220	119	690913	47.15	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	806836	46.81	ug/l	99
85) sec-Butylbenzene	13.396	105	988864	47.78	ug/l	99
86) p-Isopropyltoluene	13.514	119	961891	51.20	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	474998	51.33	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	463764	50.58	ug/l	99
89) n-Butylbenzene	13.838	91	903591	49.86	ug/l	99
90) Hexachloroethane	14.108	117	151030	40.45	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	398645	50.22	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	27291	42.86	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	285061	46.49	ug/l	98
94) Hexachlorobutadiene	15.261	225	167685	49.28	ug/l	99
95) Naphthalene	15.396	128	510888	46.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	237074	44.66	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
Data File : VD068596.D
Acq On : 12 Mar 2021 09:58
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
3/15/2021 12:39:45 PM

Quant Time: Mar 12 23:32:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

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

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

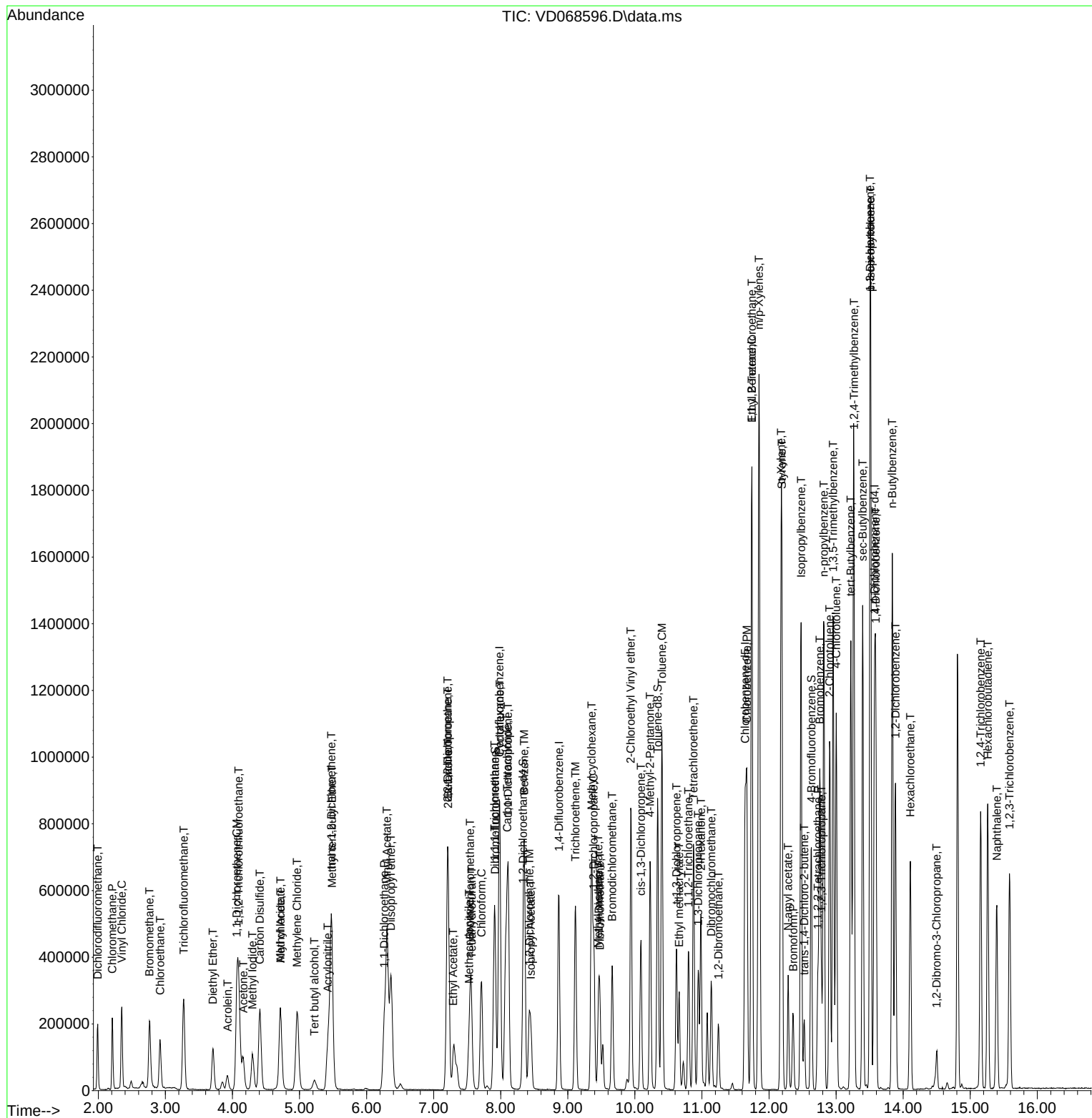
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068596.D
 Acq On : 12 Mar 2021 09:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

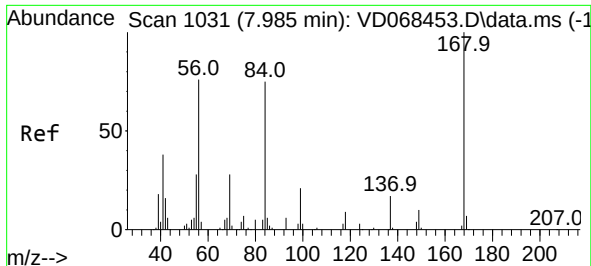
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

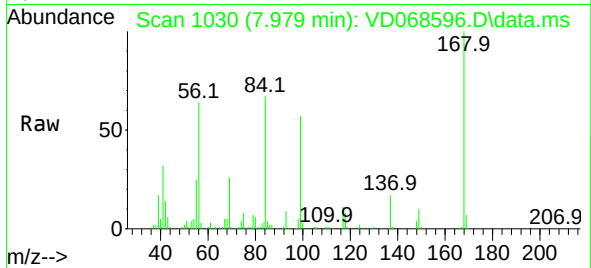
MMDadoda
 3/15/2021 12:39:45 PM

Quant Time: Mar 12 23:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

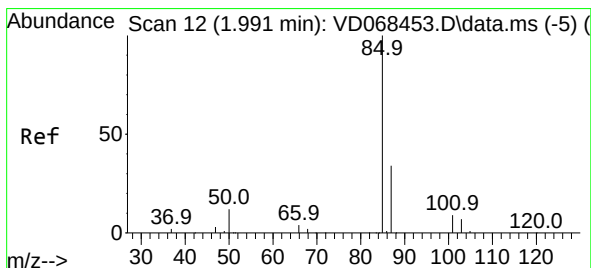
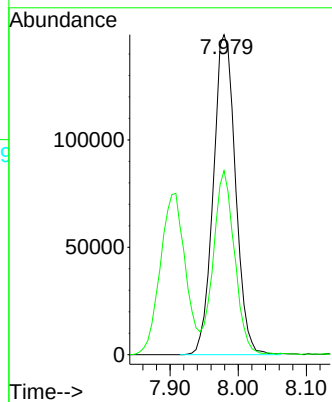
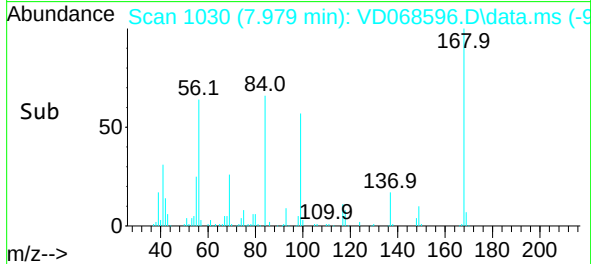




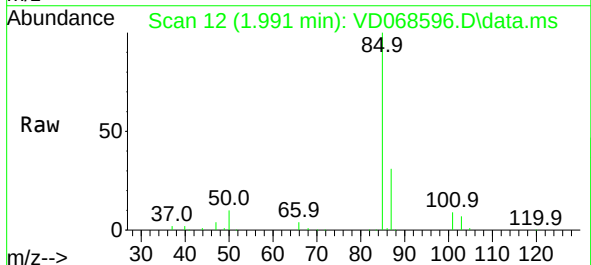
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



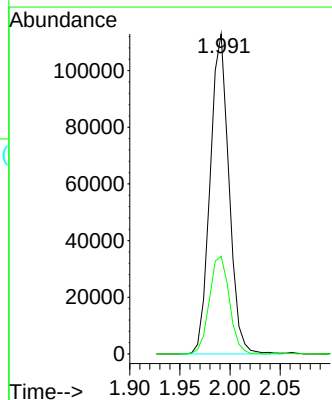
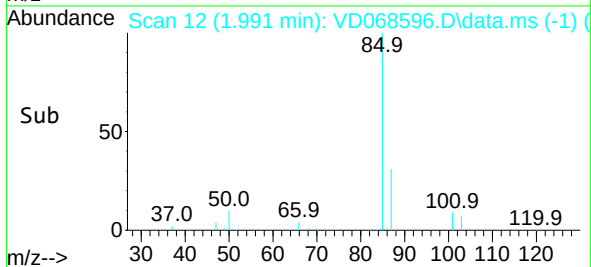
Tgt Ion: 168 Resp: 337528
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 45.09 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



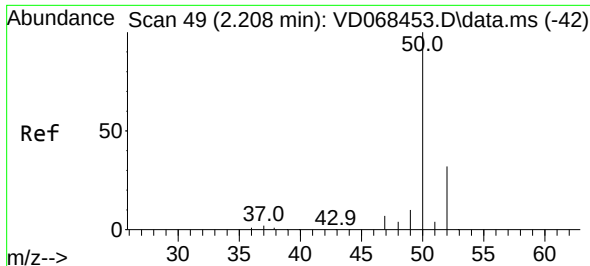
Tgt Ion: 85 Resp: 147698
Ion Ratio Lower Upper
85 100
87 30.6 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



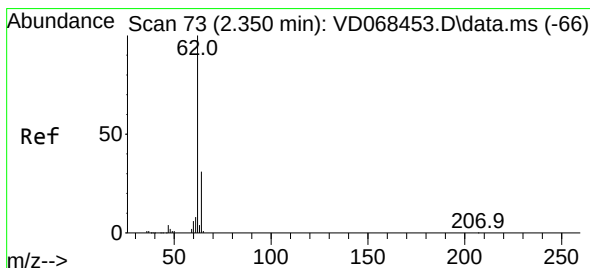
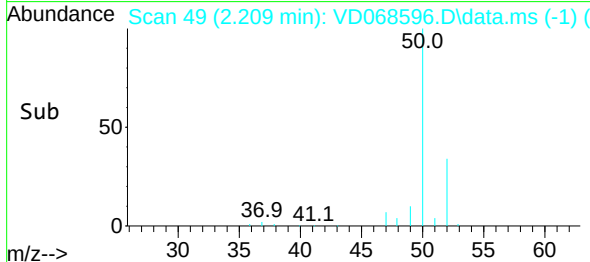
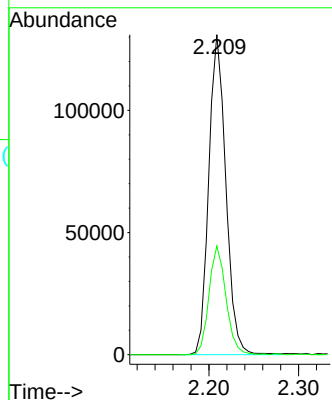
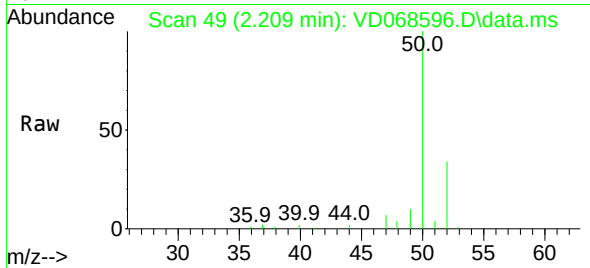
#3
Chloromethane
Concen: 41.76 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 50 Resp: 172851
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

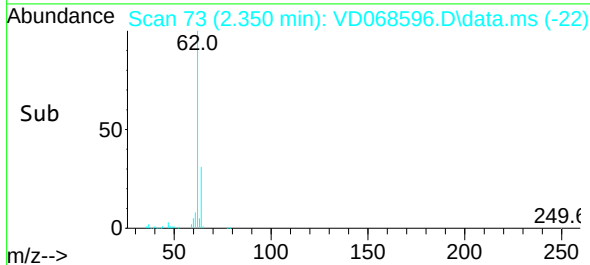
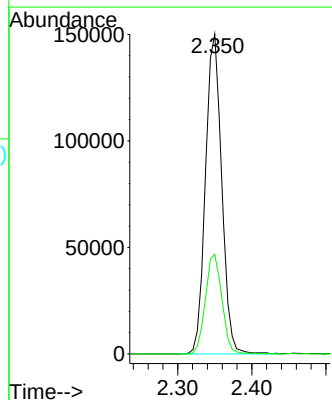
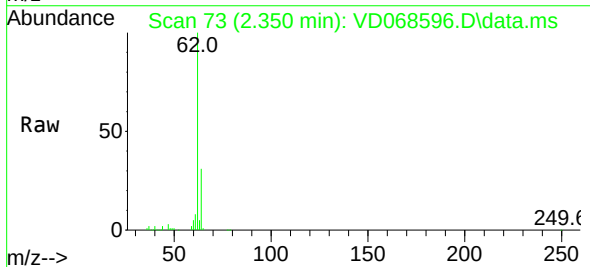
Manual Integrations
APPROVED

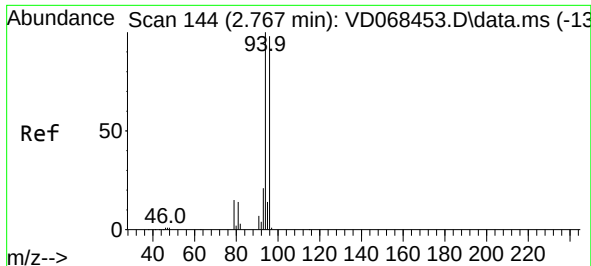
MMDadoda
3/15/2021 12:39:45 PM



#4
Vinyl Chloride
Concen: 46.42 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

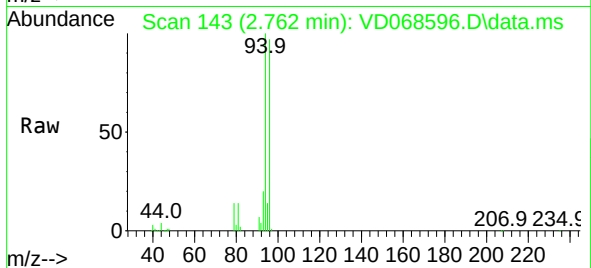
Tgt Ion: 62 Resp: 228177
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5
Bromomethane
Concen: 46.05 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

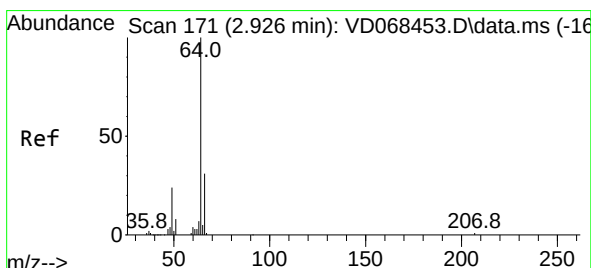
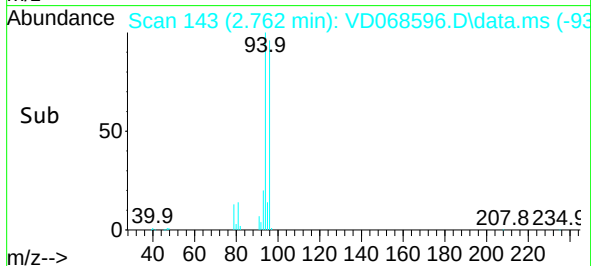
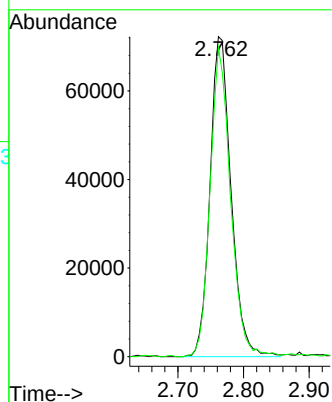
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 161161
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.8

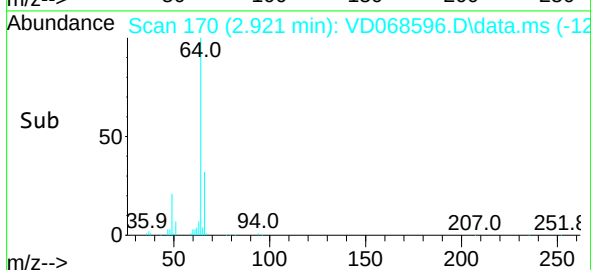
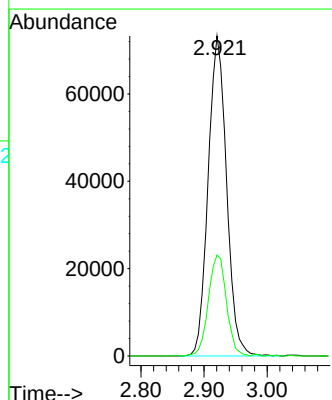
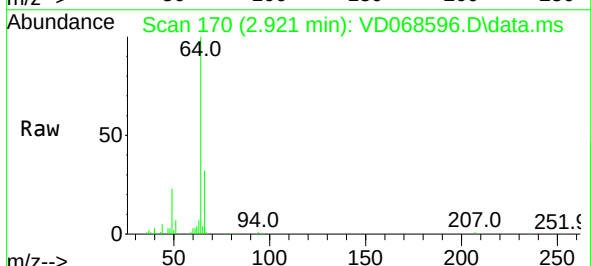
Manual Integrations
APPROVED

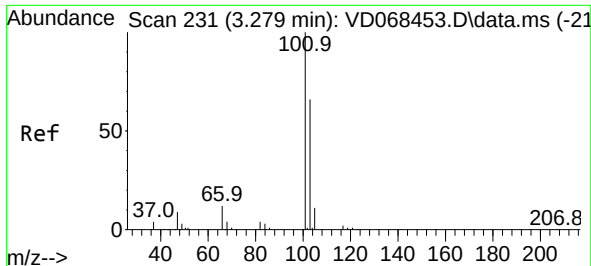
MMDadoda
3/15/2021 12:39:45 PM



#6
Chloroethane
Concen: 46.74 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 64 Resp: 148545
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





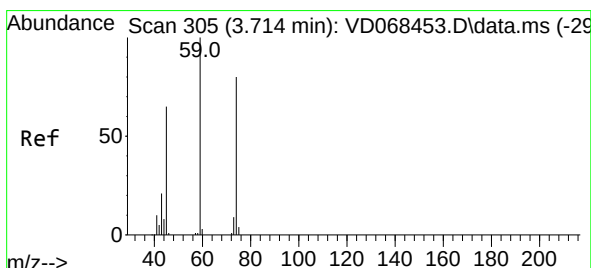
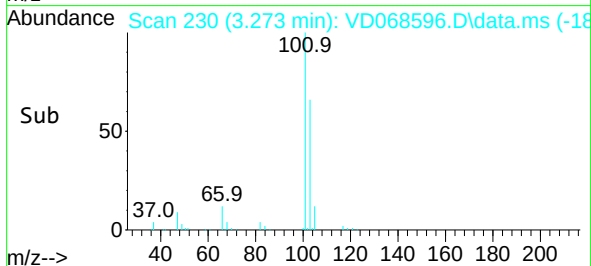
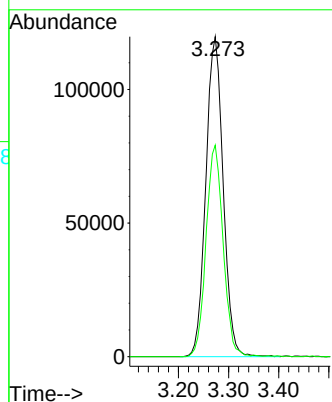
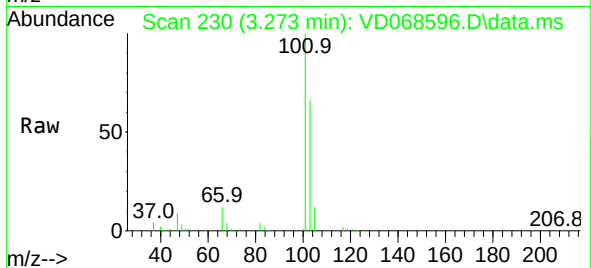
#7
 Trichlorofluoromethane
 Concen: 51.28 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. -0.005 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion:101 Resp: 287543
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.0 78.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

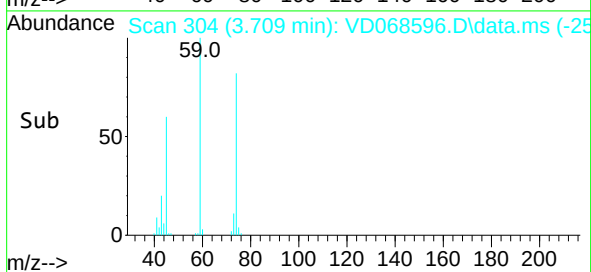
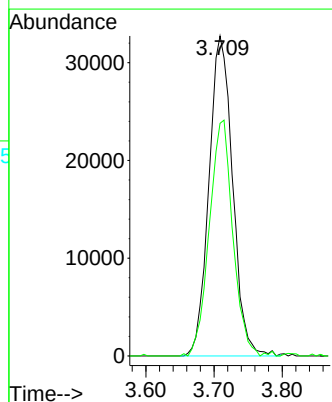
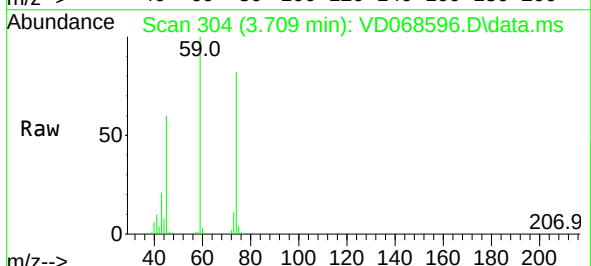
Manual Integrations
 APPROVED

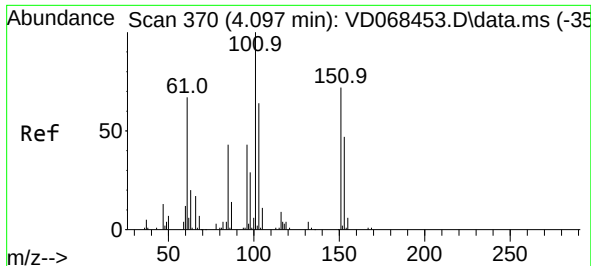
MMDadoda
 3/15/2021 12:39:45 PM



#8
 Diethyl Ether
 Concen: 47.34 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.005 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion: 74 Resp: 79022
 Ion Ratio Lower Upper
 74 100
 45 73.0 42.1 126.4





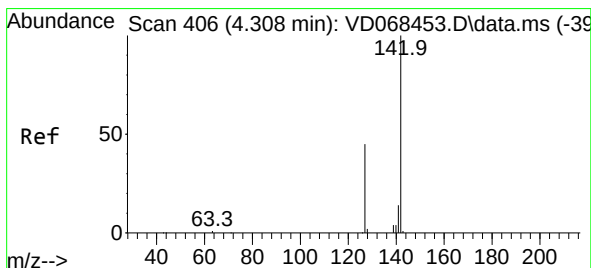
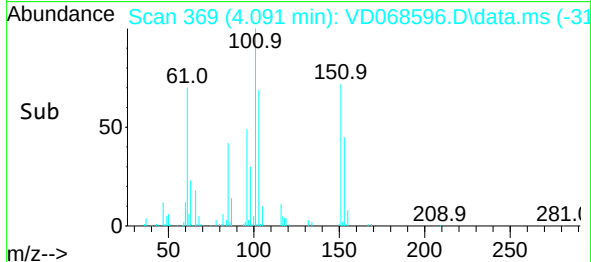
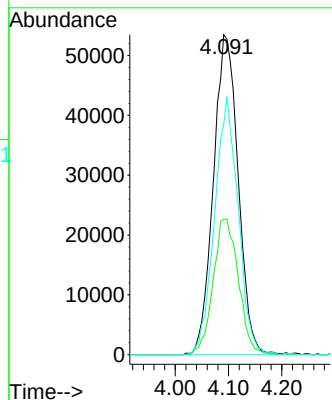
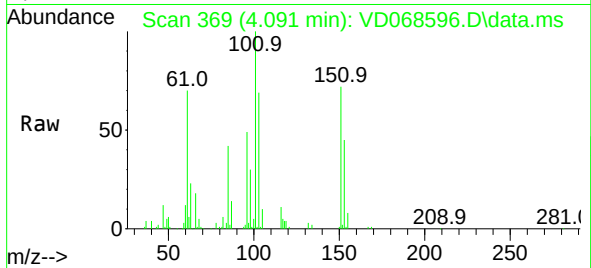
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.55 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:101 Resp: 172680
Ion Ratio Lower Upper
101 100
85 43.2 34.0 51.0
151 76.9 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

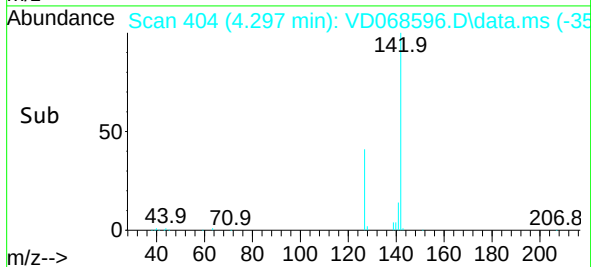
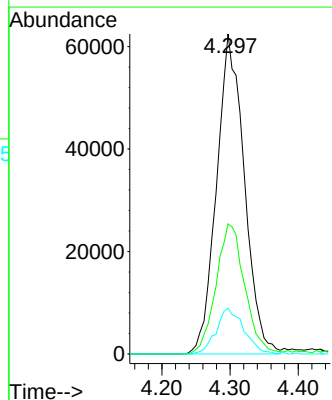
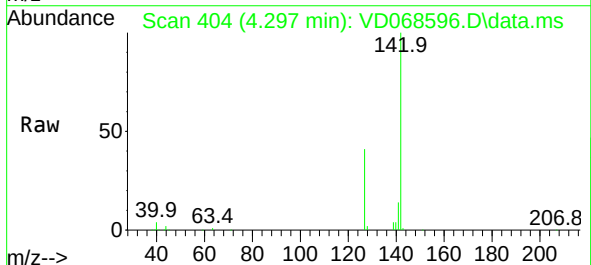
Manual Integrations
APPROVED

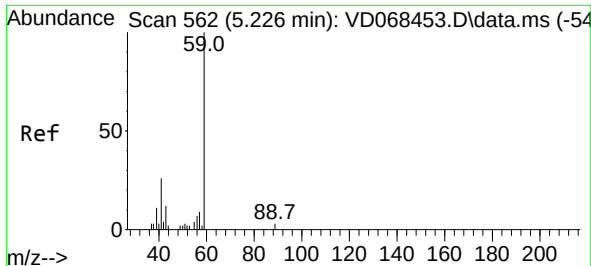
MMDadoda
3/15/2021 12:39:45 PM



#10
Methyl Iodide
Concen: 43.54 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:142 Resp: 176388
Ion Ratio Lower Upper
142 100
127 42.1 37.9 56.9
141 14.2 11.5 17.3





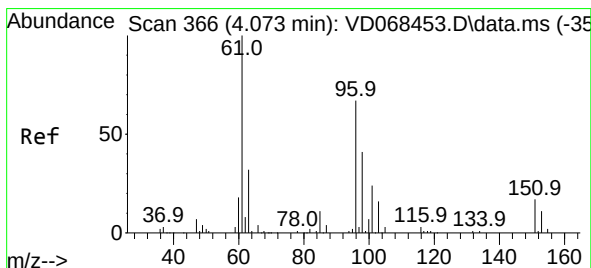
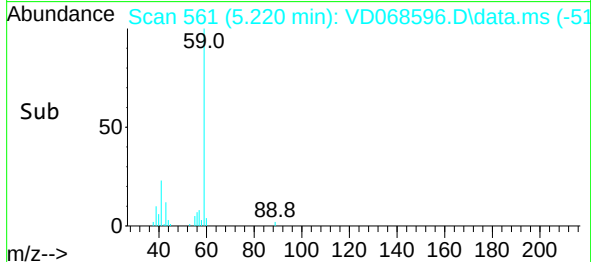
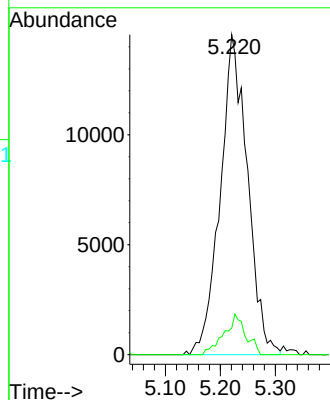
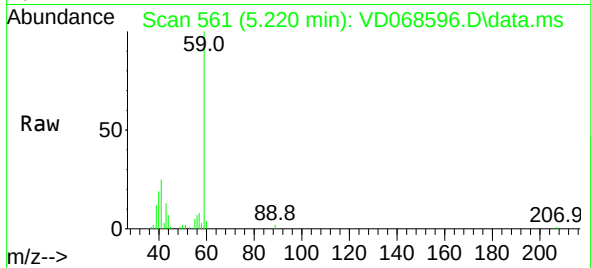
#11
Tert butyl alcohol
Concen: 278.35 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 59 Resp: 50119
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

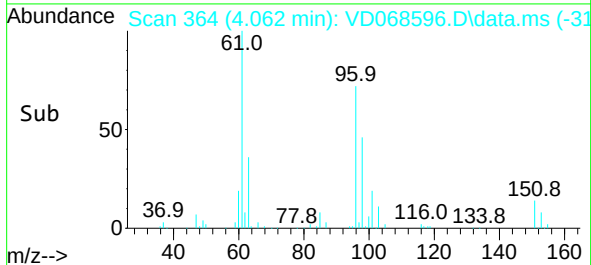
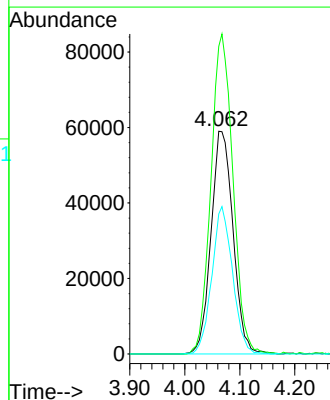
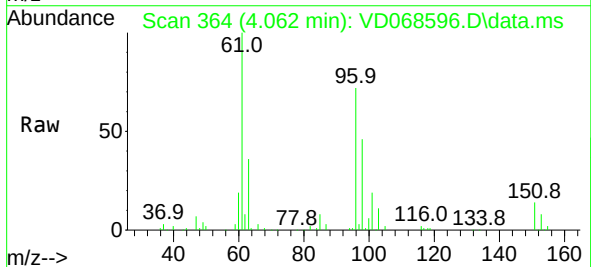
Manual Integrations
APPROVED

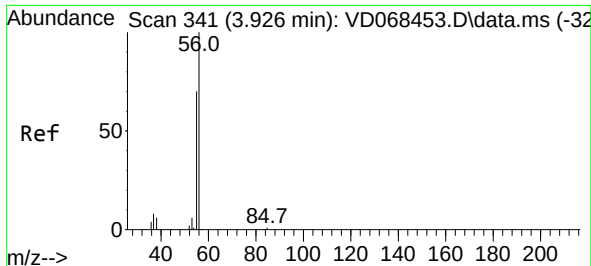
MMDadoda
3/15/2021 12:39:45 PM



#12
1,1-Dichloroethene
Concen: 48.46 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.011 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 96 Resp: 164267
Ion Ratio Lower Upper
96 100
61 138.0 116.2 174.4
98 62.8 48.6 73.0





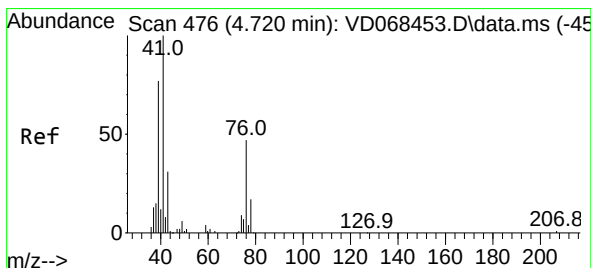
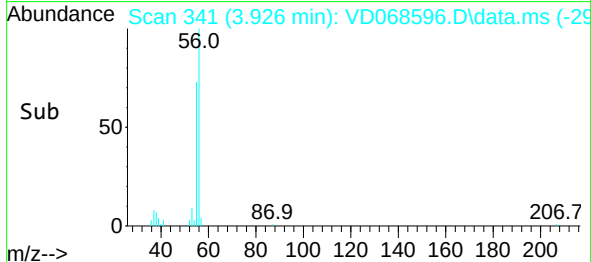
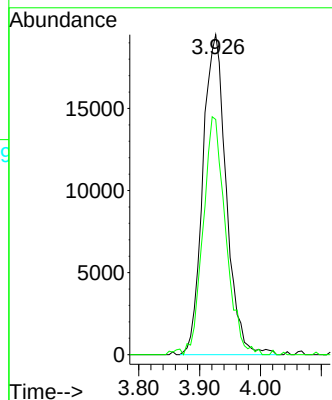
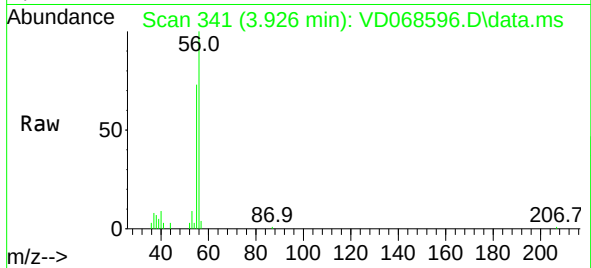
#13
Acrolein
Concen: 201.95 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 56 Resp: 51971
Ion Ratio Lower Upper
56 100
55 72.2 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

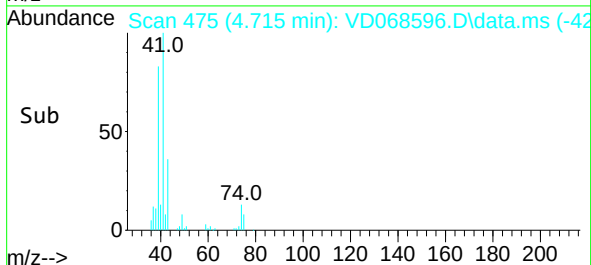
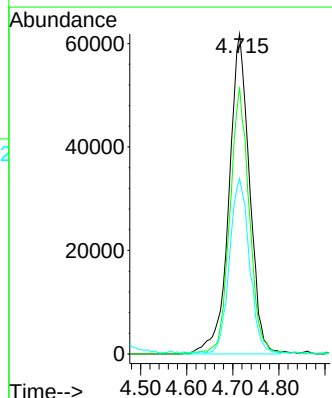
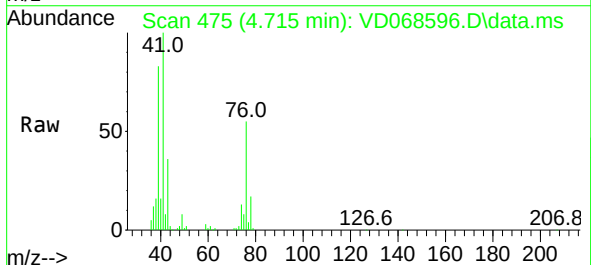
Manual Integrations
APPROVED

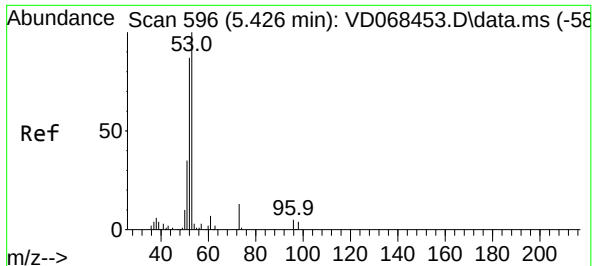
MMDadoda
3/15/2021 12:39:45 PM



#14
Allyl chloride
Concen: 43.68 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 41 Resp: 191184
Ion Ratio Lower Upper
41 100
39 78.6 56.3 84.5
76 52.3 38.9 58.3





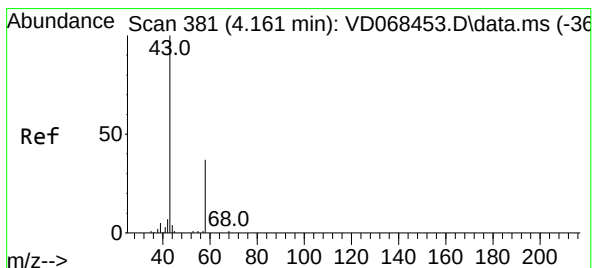
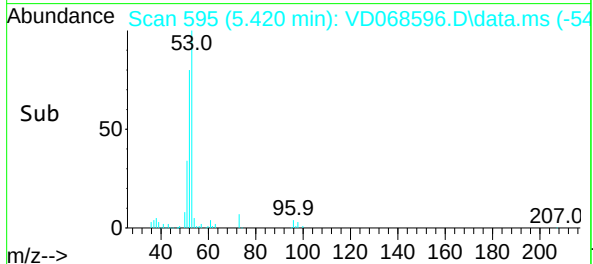
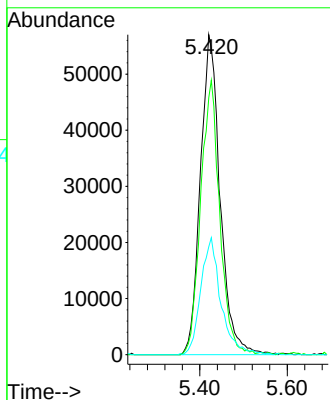
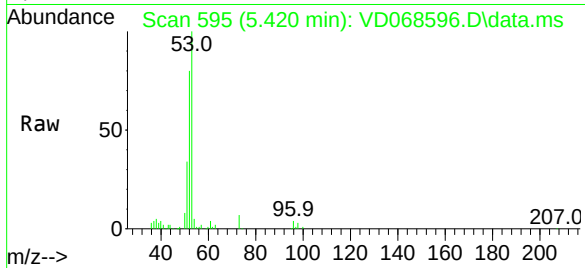
#15
Acrylonitrile
Concen: 254.72 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 53	Resp: 179477
Ion Ratio	Lower Upper
53 100	
52 82.5	66.2 99.2
51 37.4	29.0 43.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

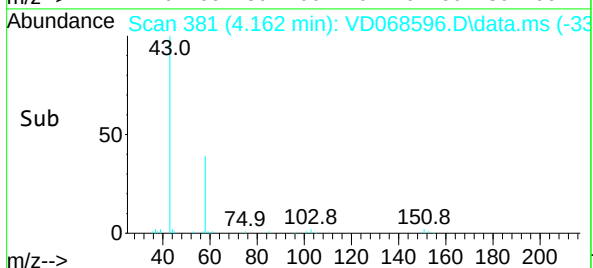
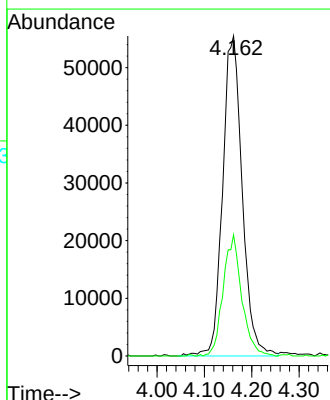
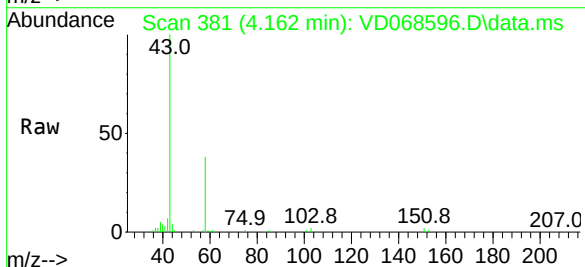
Manual Integrations
APPROVED

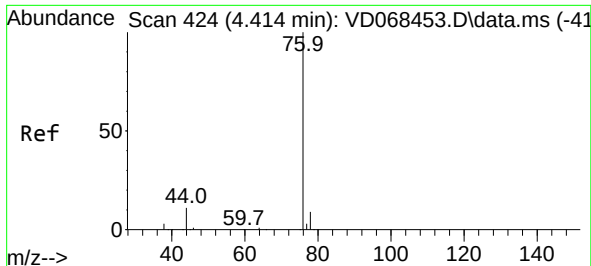
MMDadoda
3/15/2021 12:39:45 PM



#16
Acetone
Concen: 297.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 43	Resp: 159373
Ion Ratio	Lower Upper
43 100	
58 37.8	24.2 36.4#





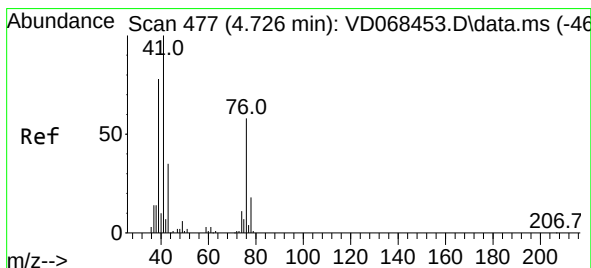
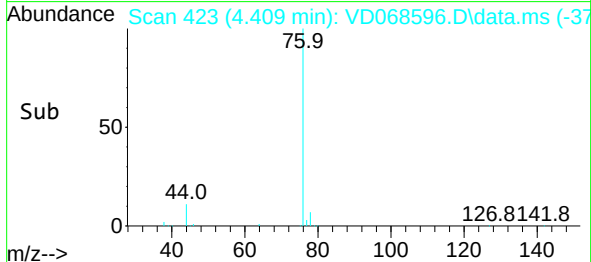
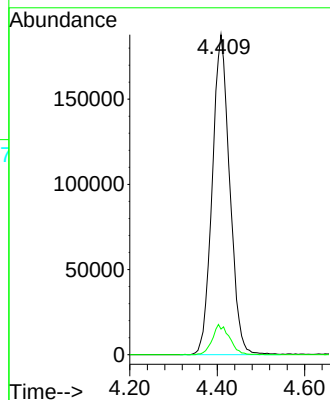
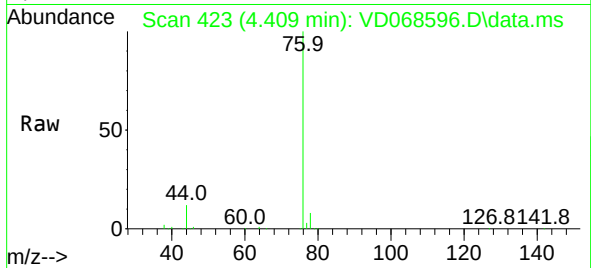
#17
Carbon Disulfide
Concen: 46.97 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 76 Resp: 521610
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

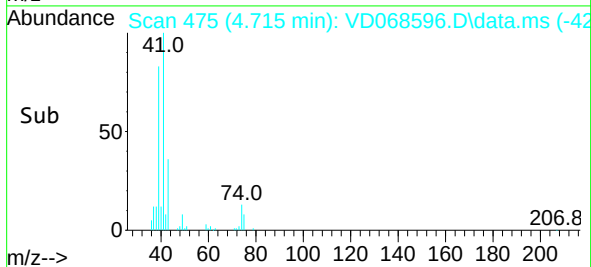
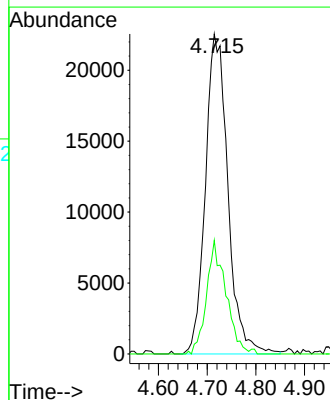
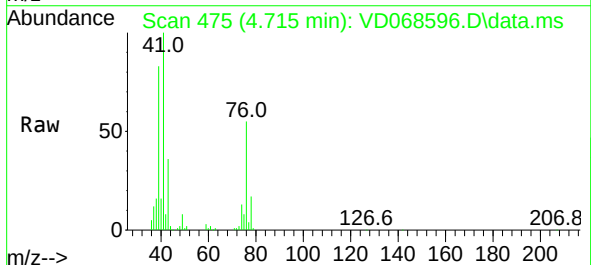
Manual Integrations
APPROVED

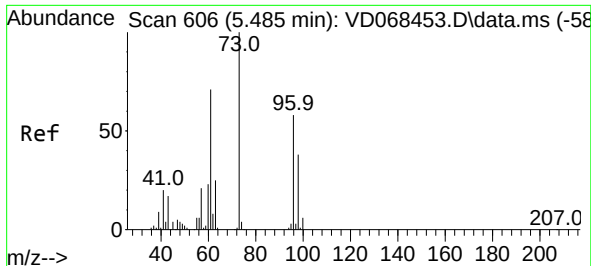
MMDadoda
3/15/2021 12:39:45 PM



#18
Methyl Acetate
Concen: 52.22 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

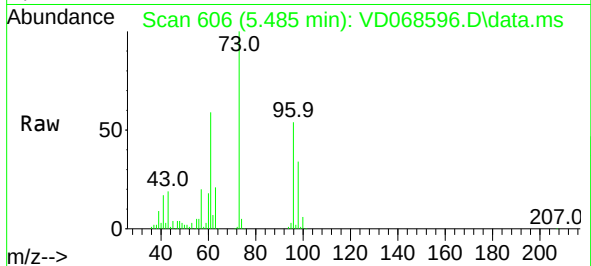
Tgt Ion: 43 Resp: 72102
Ion Ratio Lower Upper
43 100
74 30.6 25.4 38.0



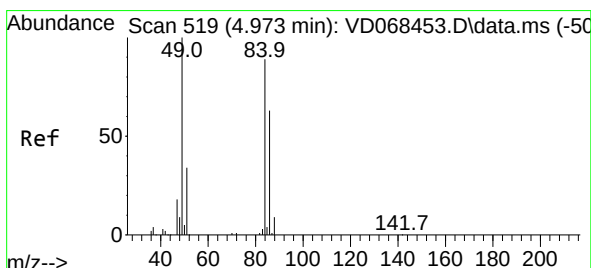
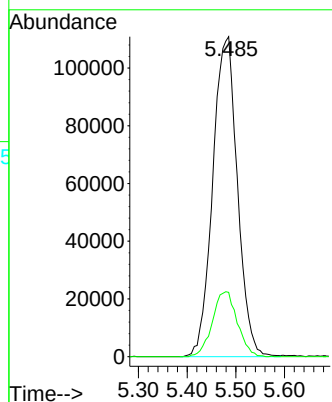
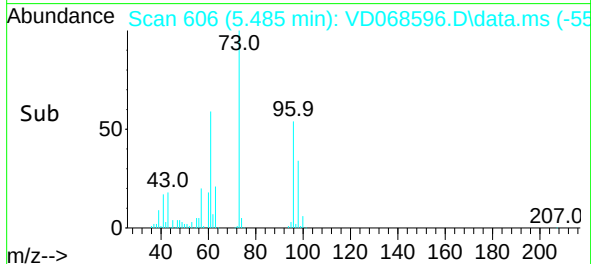


#19
Methyl tert-butyl Ether
Concen: 53.12 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

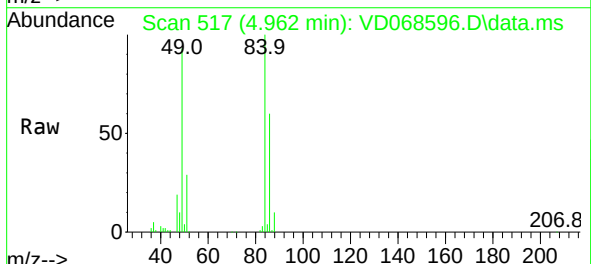
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



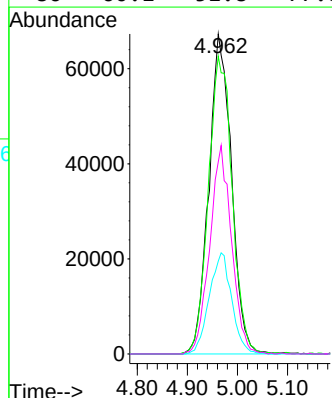
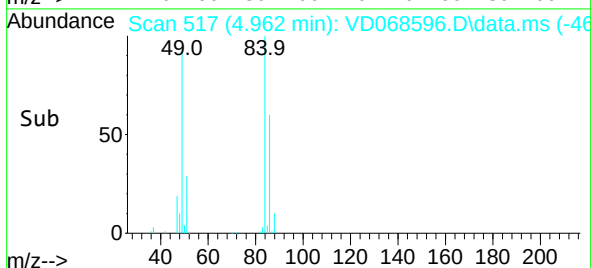
Tgt Ion: 73 Resp: 390377
Ion Ratio Lower Upper
73 100
57 20.1 14.4 21.6

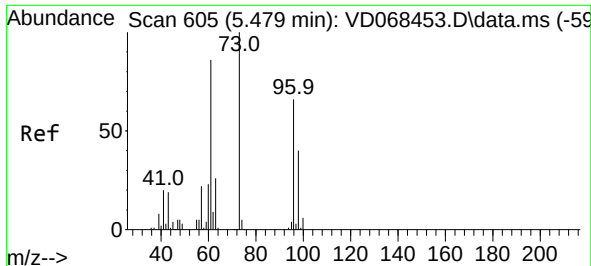


#20
Methylene Chloride
Concen: 52.97 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

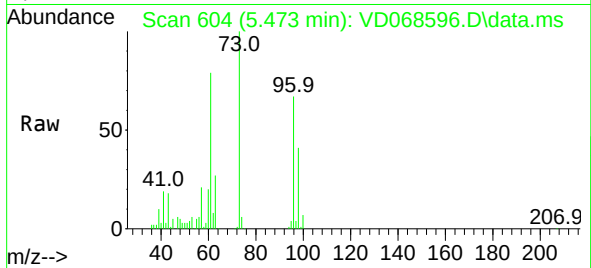


Tgt Ion: 84 Resp: 211208
Ion Ratio Lower Upper
84 100
49 93.0 77.4 116.2
51 29.0 26.1 39.1
86 60.1 51.8 77.8

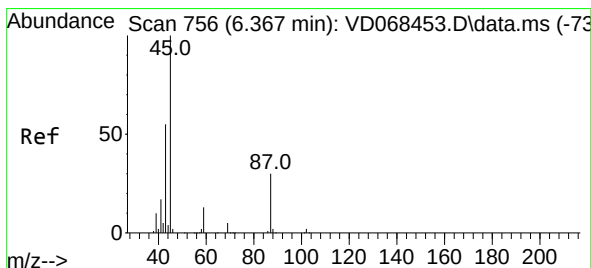
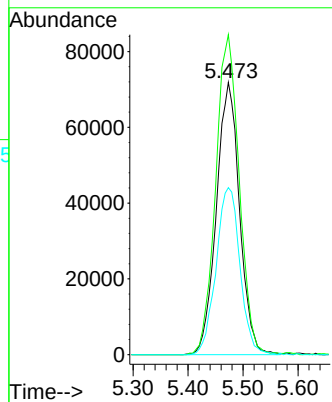
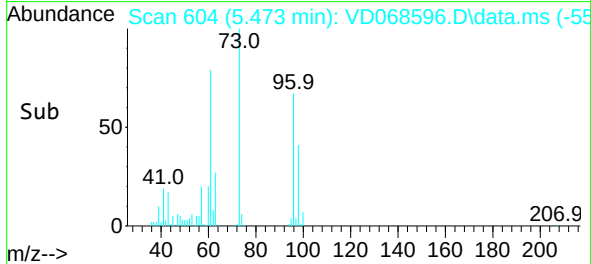




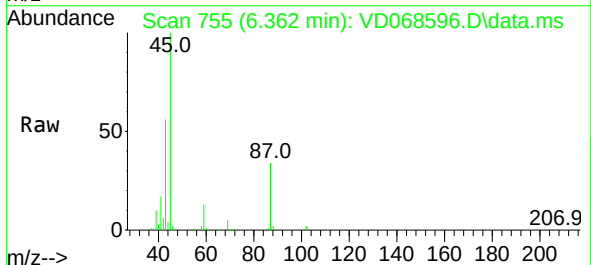
#21
trans-1,2-Dichloroethene
Concen: 52.00 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



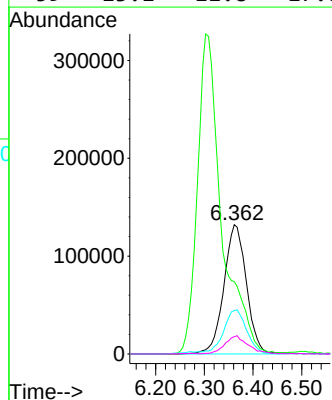
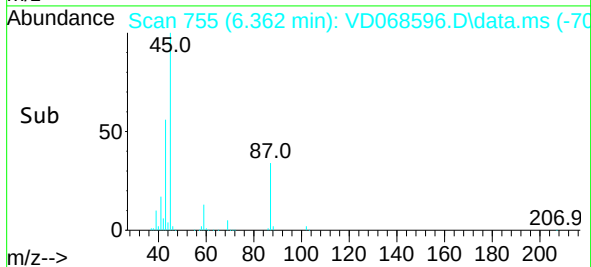
Tgt Ion: 96 Resp: 210442
Ion Ratio Lower Upper
96 100
61 117.5 96.7 145.1
98 61.3 47.6 71.4



#22
Diisopropyl ether
Concen: 44.15 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



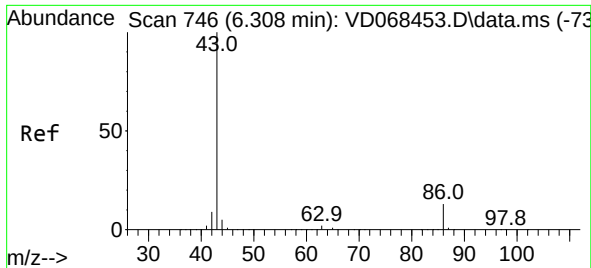
Tgt Ion: 45 Resp: 425532
Ion Ratio Lower Upper
45 100
43 54.8 43.9 65.9
87 33.3 29.9 44.9
59 13.1 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



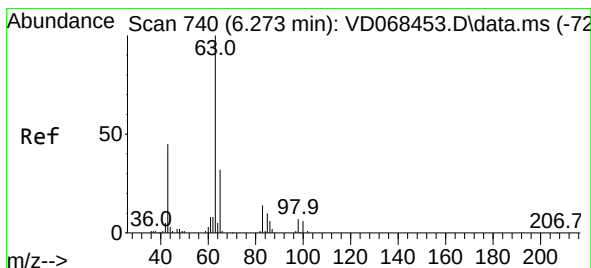
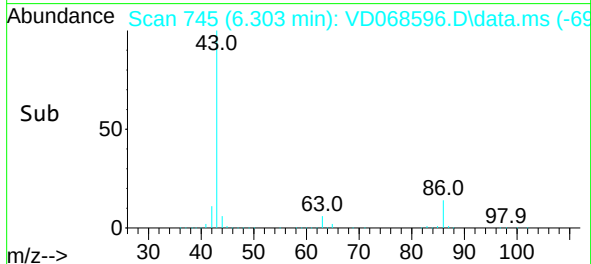
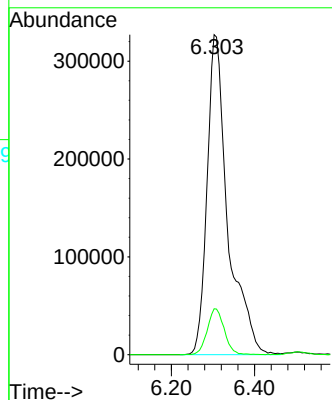
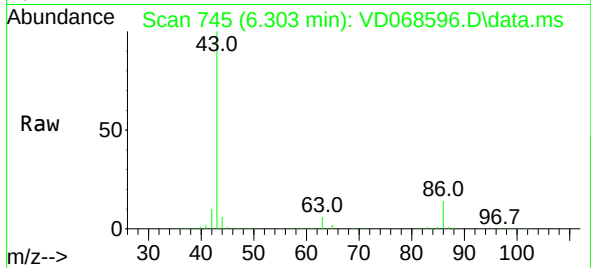
#23
 Vinyl Acetate
 Concen: 226.52 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion: 43 Resp: 1132685
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

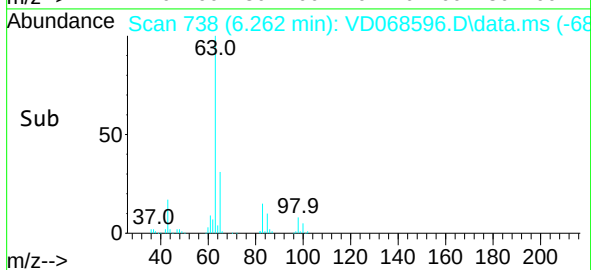
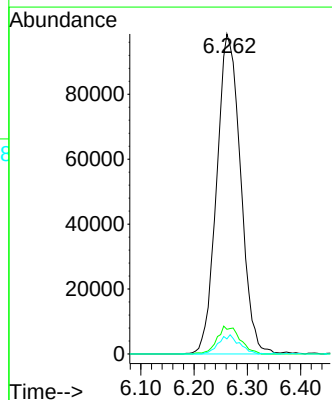
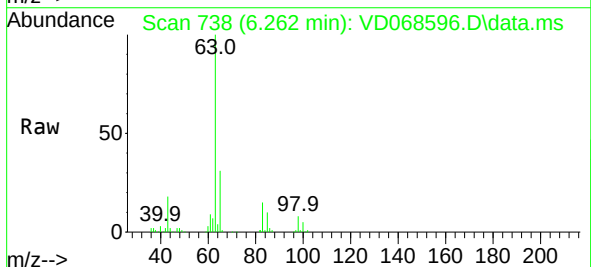
Manual Integrations
 APPROVED

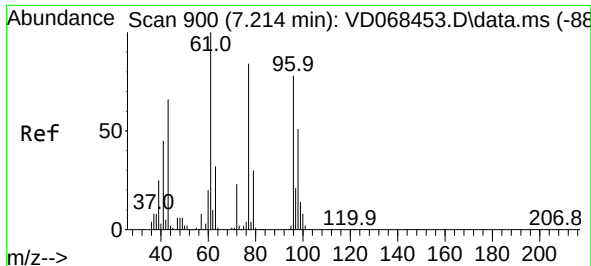
MMDadoda
 3/15/2021 12:39:45 PM



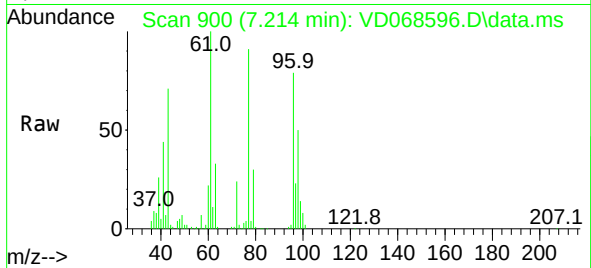
#24
 1,1-Dichloroethane
 Concen: 46.46 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.011 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion: 63 Resp: 306936
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.7 2.6 8.0

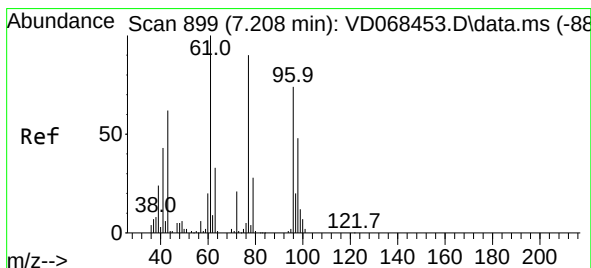
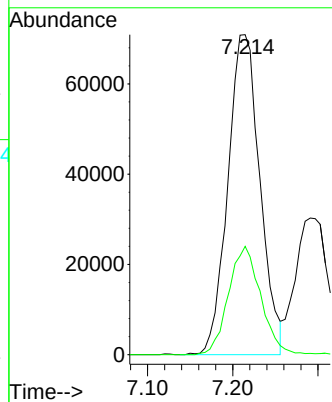
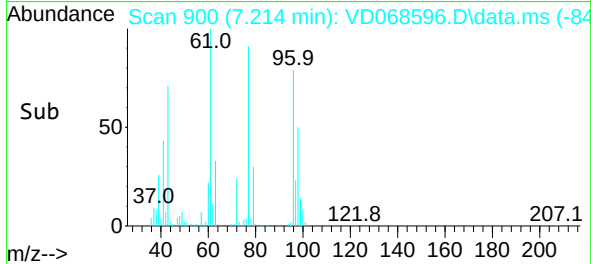




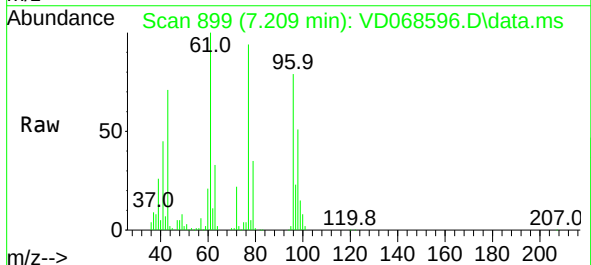
#25
2-Butanone
Concen: 241.34 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



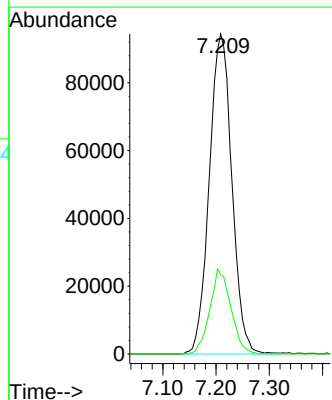
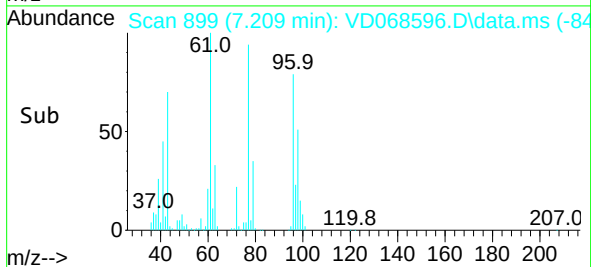
Tgt Ion: 43 Resp: 185834
Ion Ratio Lower Upper
43 100
72 33.9 25.1 37.7



#26
2,2-Dichloropropane
Concen: 50.46 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



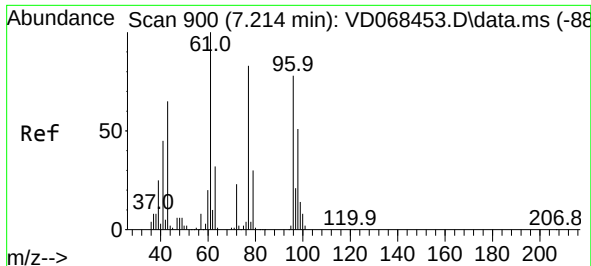
Tgt Ion: 77 Resp: 277716
Ion Ratio Lower Upper
77 100
97 24.8 11.7 35.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

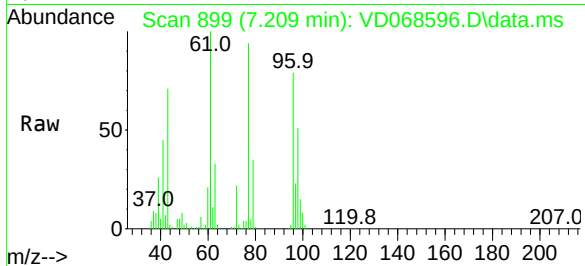
Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



#27
cis-1,2-Dichloroethene
Concen: 47.79 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

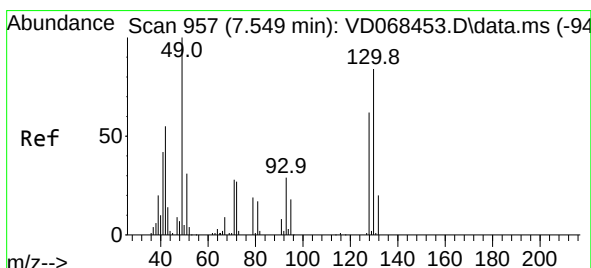
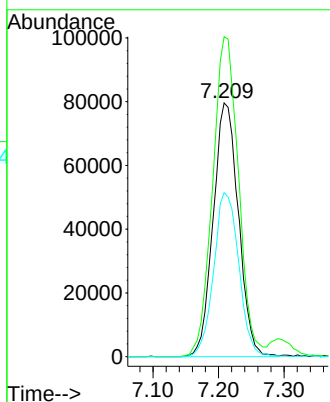
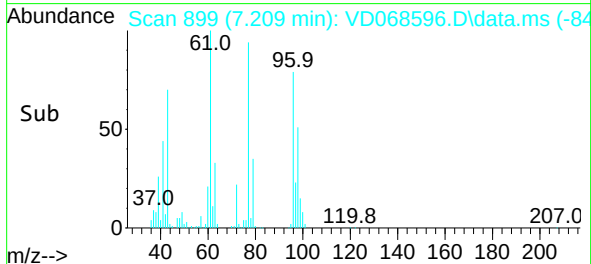
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



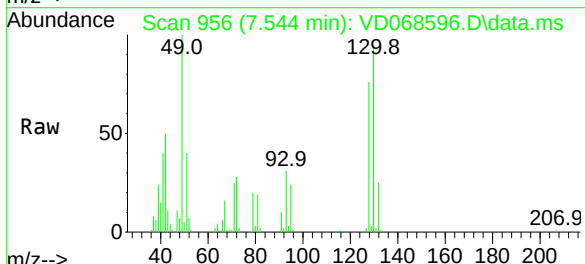
Tgt Ion: 96 Resp: 212349
Ion Ratio Lower Upper
96 100
61 129.7 0.0 257.4
98 64.4 0.0 126.6

Manual Integrations
APPROVED

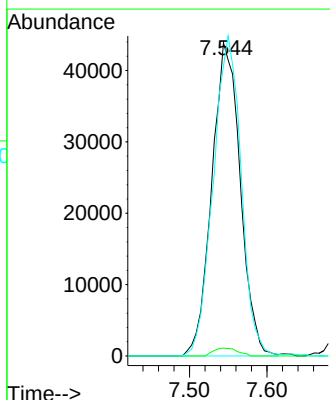
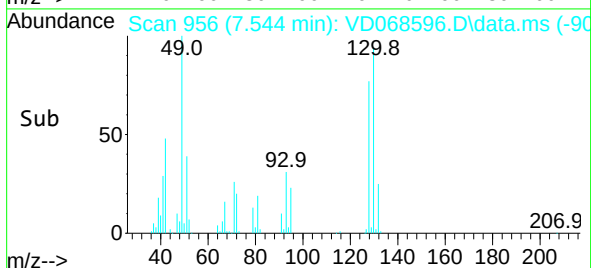
MMDadoda
3/15/2021 12:39:45 PM

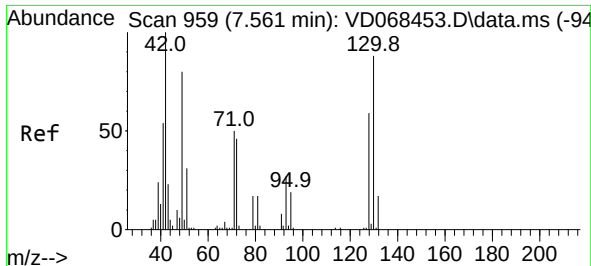


#28
Bromochloromethane
Concen: 43.42 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 49 Resp: 111972
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 100.4 85.5 128.3





#29

Tetrahydrofuran

Concen: 222.67 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068596.D

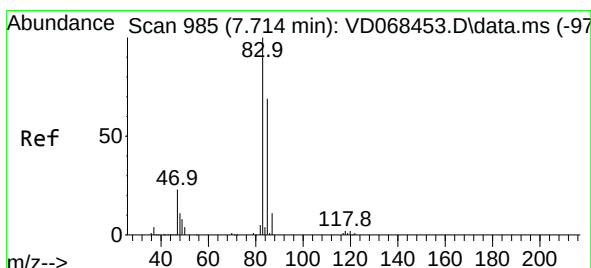
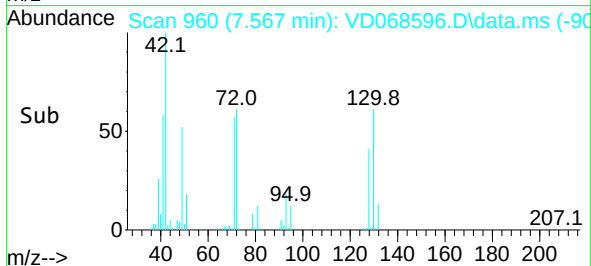
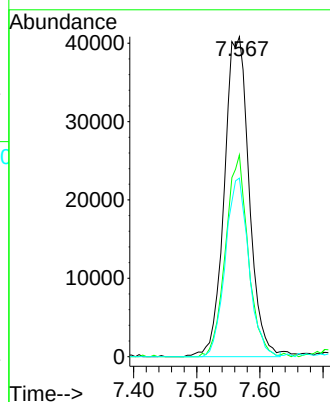
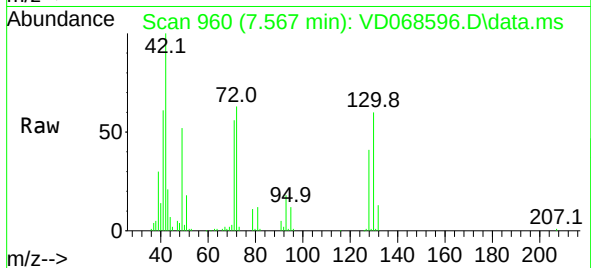
Acq: 12 Mar 2021 09:58

Tgt Ion:	42	Resp:	111338
Ion	Ratio	Lower	Upper
42	100		
72	57.4	43.4	65.0
71	52.8	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



#30

Chloroform

Concen: 47.40 ug/l

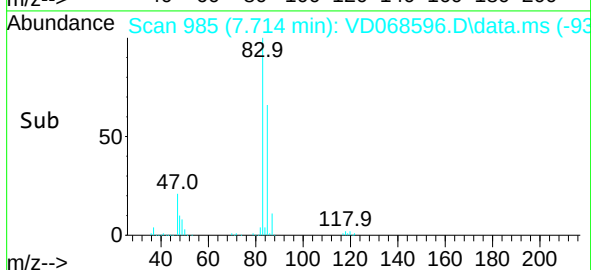
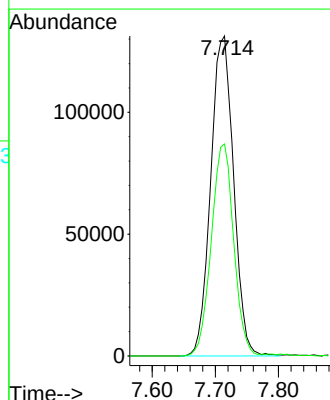
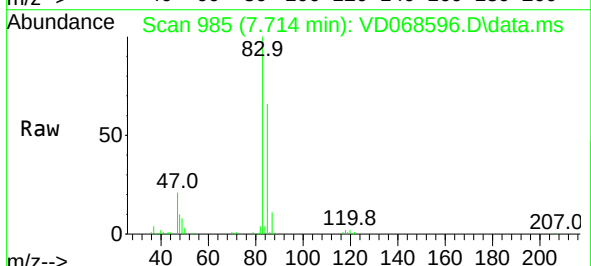
RT: 7.714 min Scan# 985

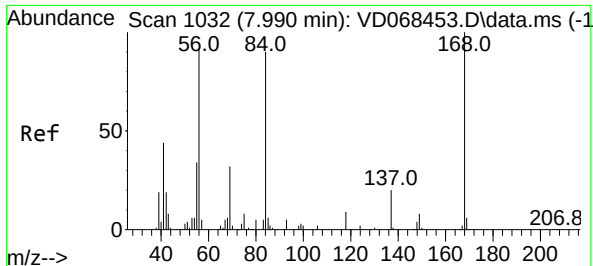
Delta R.T. 0.000 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

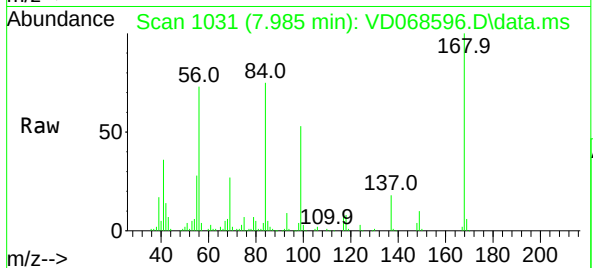
Tgt Ion:	83	Resp:	330664
Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.4	80.0





#31
Cyclohexane
Concen: 41.90 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

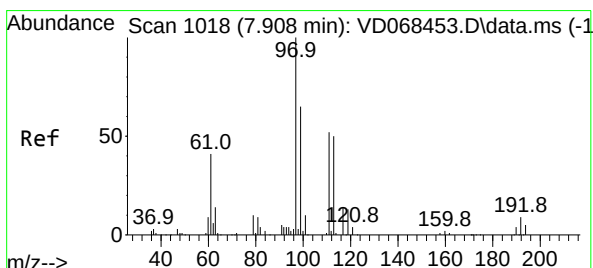
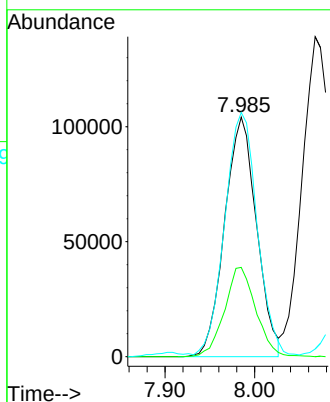
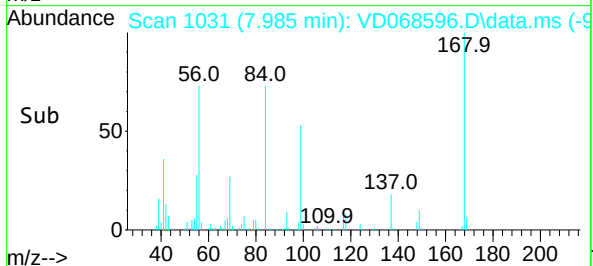
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



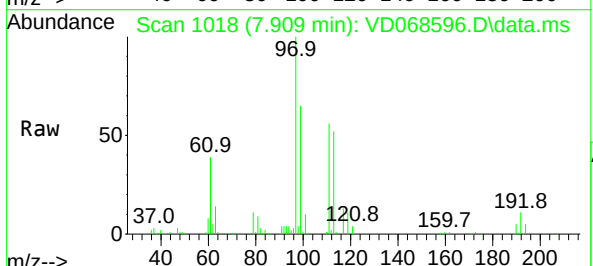
Tgt Ion: 56 Resp: 256993
Ion Ratio Lower Upper
56 100
69 37.3 30.1 45.1
84 100.7 82.1 123.1

Manual Integrations
APPROVED

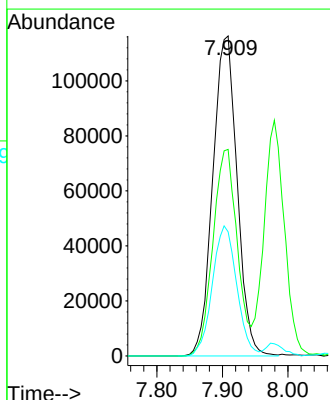
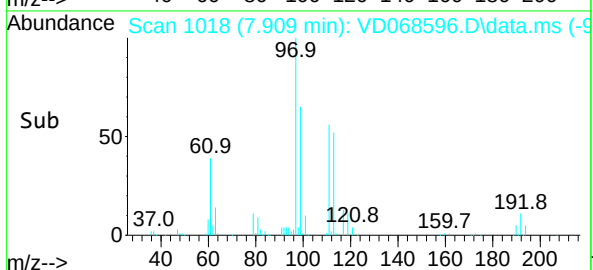
MMDadoda
3/15/2021 12:39:45 PM

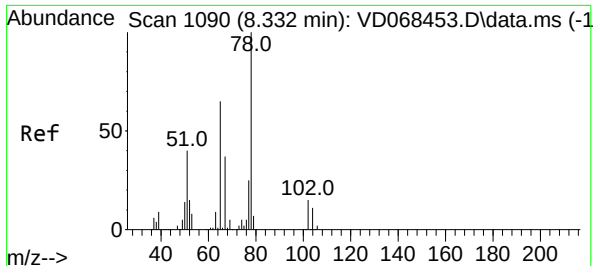


#32
1,1,1-Trichloroethane
Concen: 50.27 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 97 Resp: 299376
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 40.7 30.1 45.1





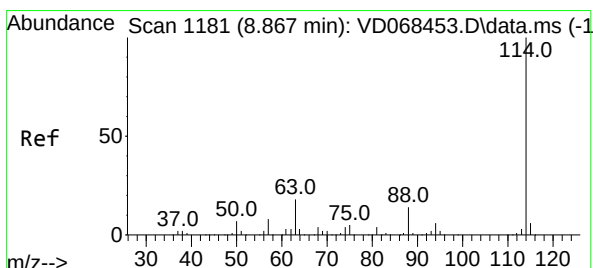
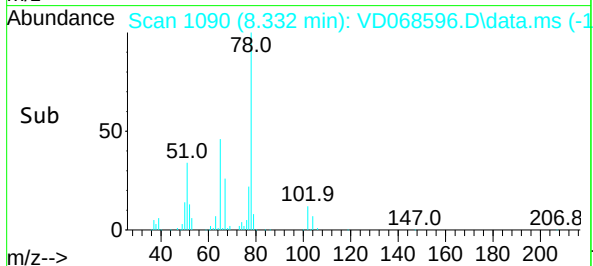
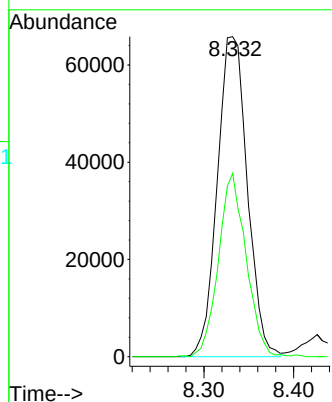
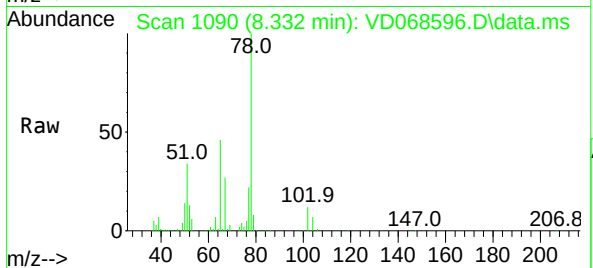
#33
1,2-Dichloroethane-d4
Concen: 45.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 65 Resp: 152949
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

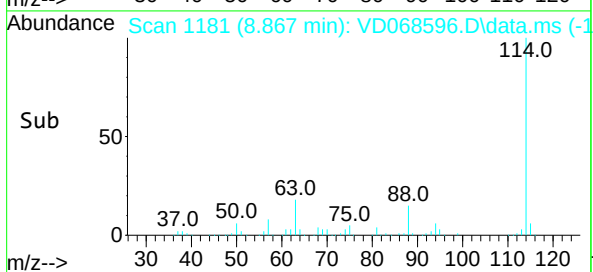
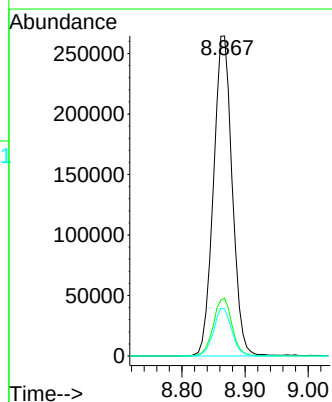
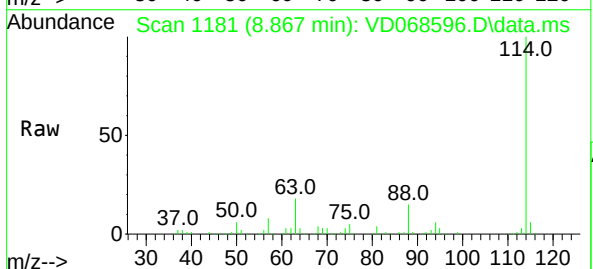
Manual Integrations
APPROVED

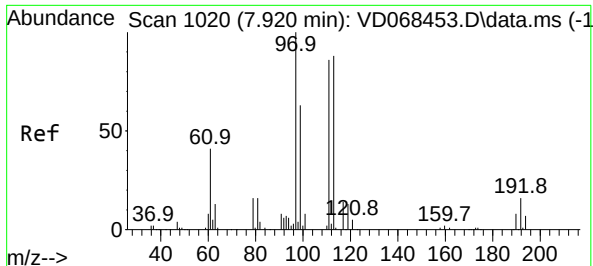
MMDadoda
3/15/2021 12:39:45 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 114 Resp: 544445
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 14.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.37 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

Tgt Ion:	113	Resp:	165202
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.4	122.0
192	19.9	16.1	24.1

Instrument :

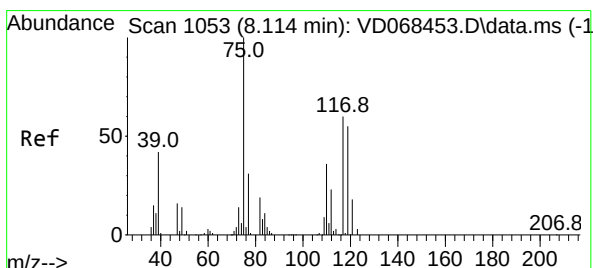
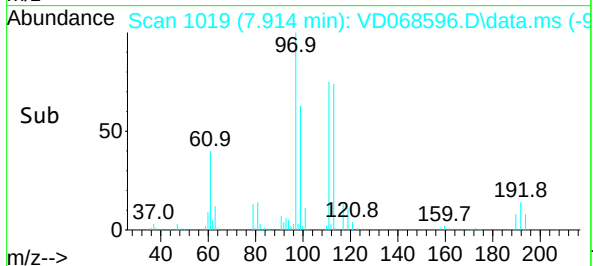
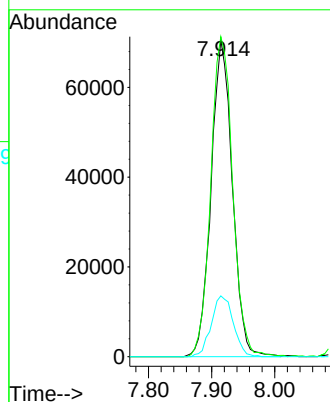
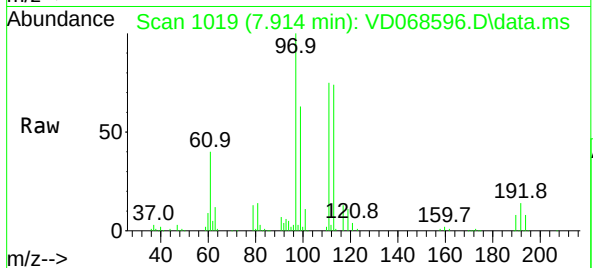
MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



#36

1,1-Dichloropropene

Concen: 49.90 ug/l

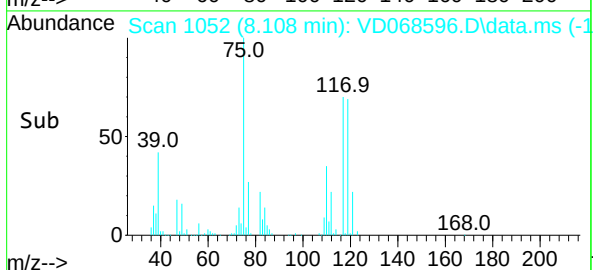
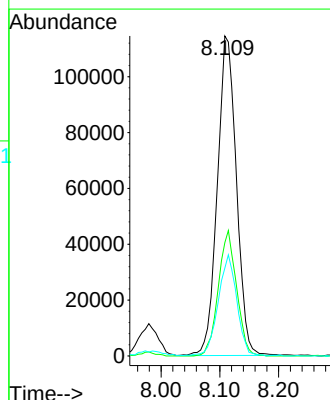
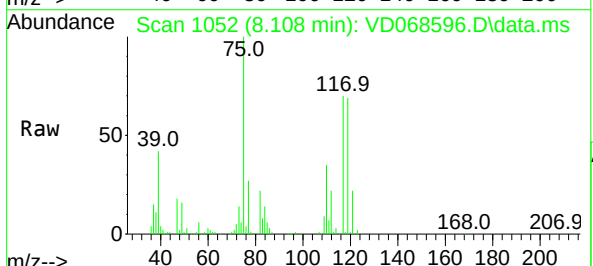
RT: 8.108 min Scan# 1052

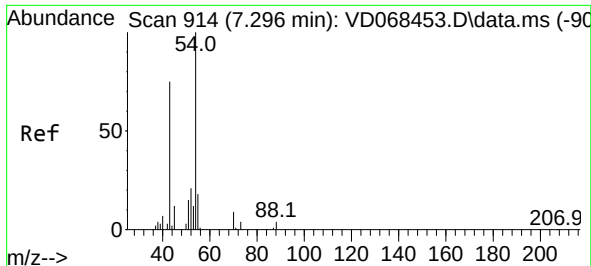
Delta R.T. -0.005 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

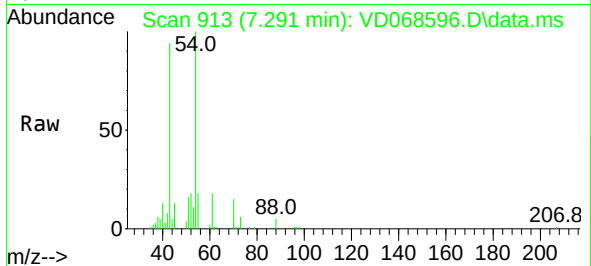
Tgt Ion:	75	Resp:	258224
Ion Ratio	Lower	Upper	
75	100		
110	37.6	19.4	58.2
77	31.0	25.3	37.9





#37
Ethyl Acetate
Concen: 48.69 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

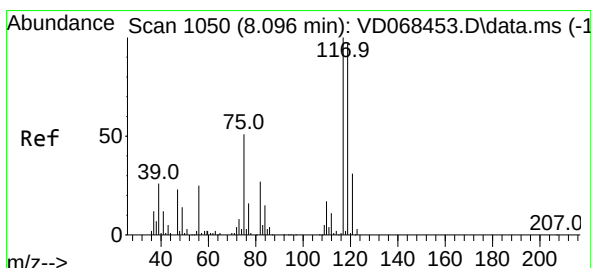
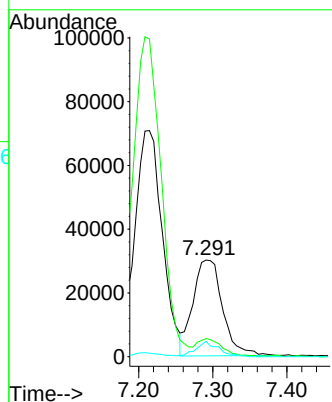
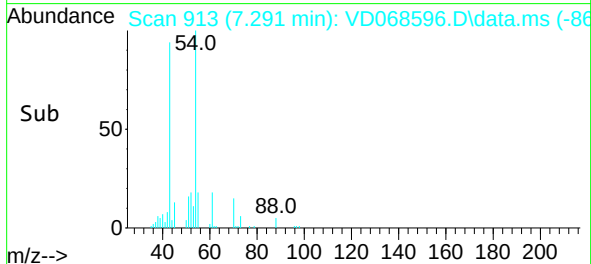
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



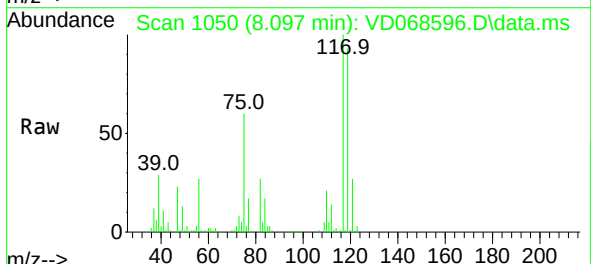
Tgt Ion: 43 Resp: 83610
Ion Ratio Lower Upper
43 100
61 15.8 12.9 19.3
70 12.3 11.0 16.6

Manual Integrations
APPROVED

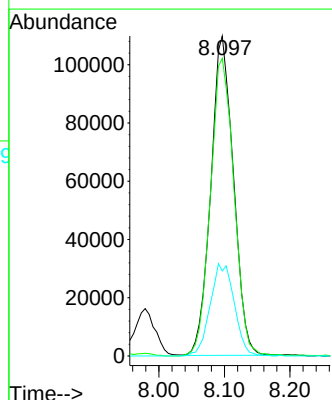
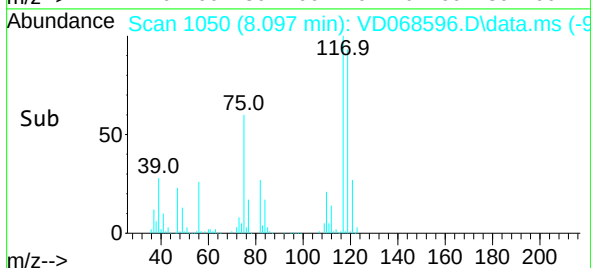
MMDadoda
3/15/2021 12:39:45 PM

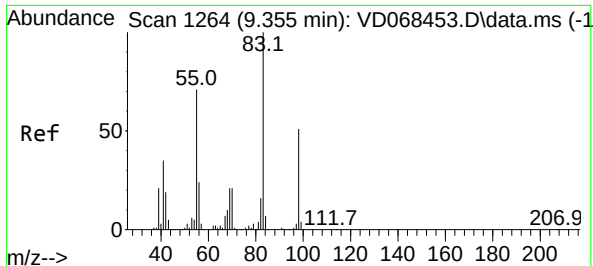


#38
Carbon Tetrachloride
Concen: 54.11 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 117 Resp: 263108
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 26.6 24.7 37.1





#39

Methylcyclohexane

Concen: 50.08 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

Tgt Ion:	83	Resp:	319650
Ion	Ratio	Lower	Upper
83	100		
55	68.2	55.2	82.8
98	51.3	39.1	58.7

Instrument :

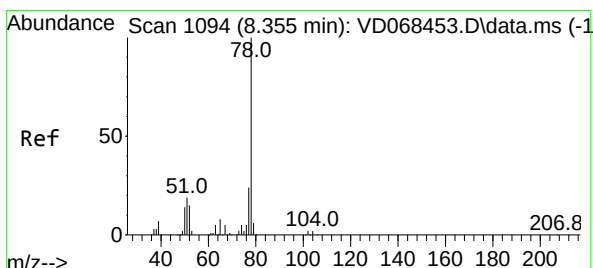
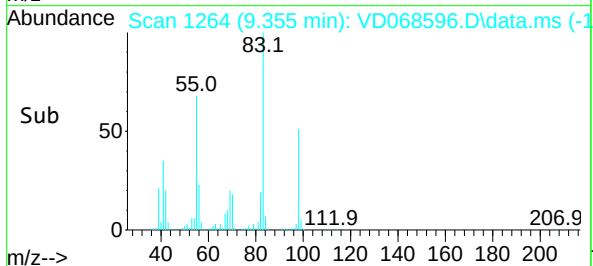
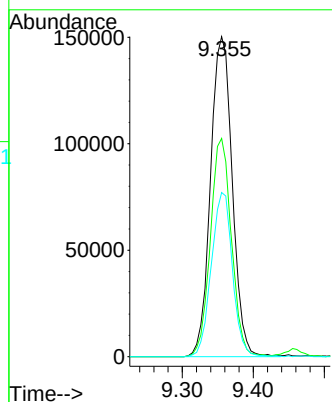
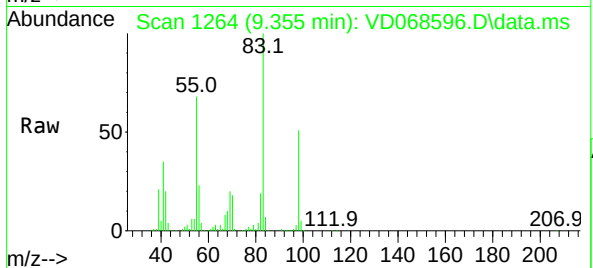
MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



#40

Benzene

Concen: 48.97 ug/l

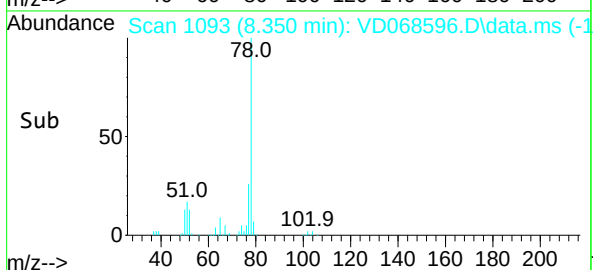
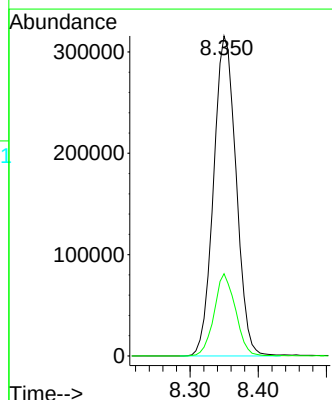
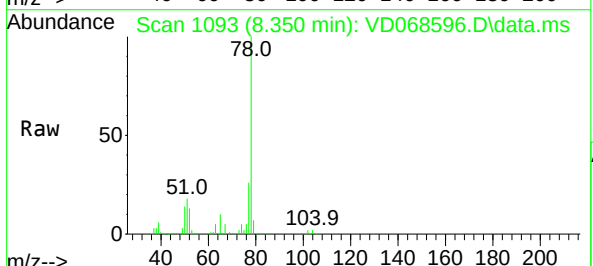
RT: 8.350 min Scan# 1093

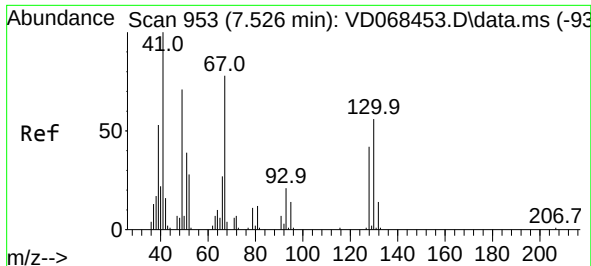
Delta R.T. -0.005 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

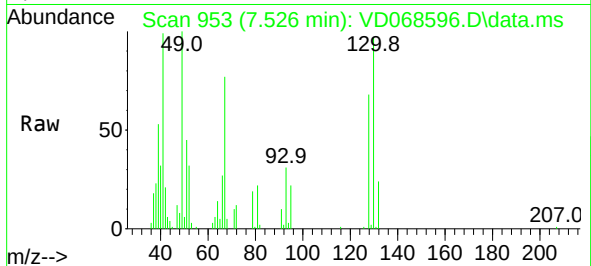
Tgt Ion:	78	Resp:	727033
Ion	Ratio	Lower	Upper
78	100		
77	25.7	17.8	26.6





#41
Methacrylonitrile
Concen: 53.14 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

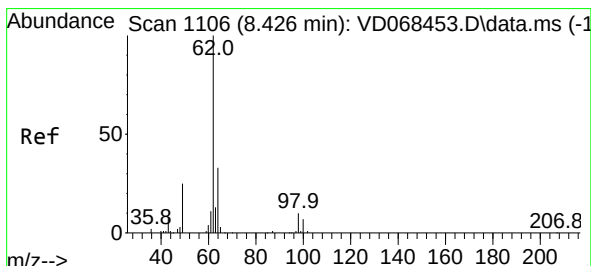
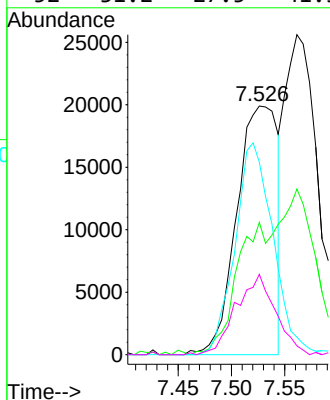
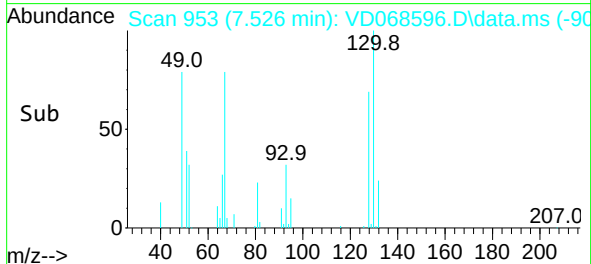
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



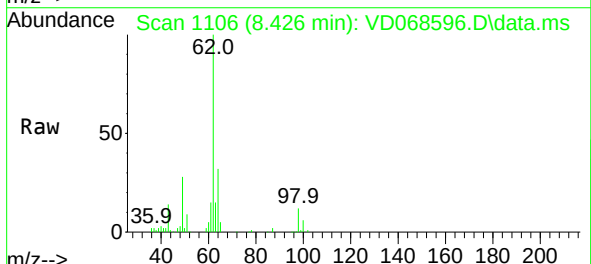
Tgt Ion:	41	Resp:	52964
Ion Ratio	Lower	Upper	
41	100		
39	39.5	45.2	67.8#
67	79.9	67.4	101.2
52	31.2	27.5	41.3

Manual Integrations
APPROVED

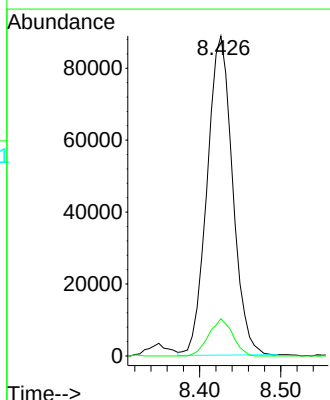
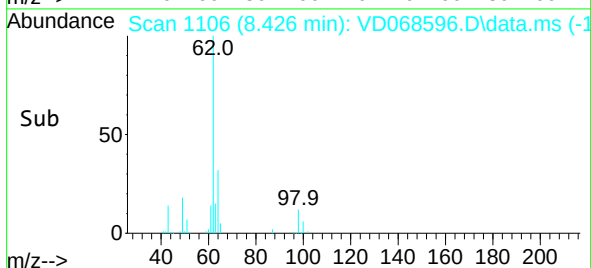
MMDadoda
3/15/2021 12:39:45 PM

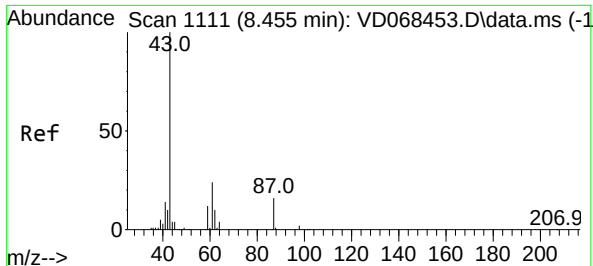


#42
1,2-Dichloroethane
Concen: 49.54 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



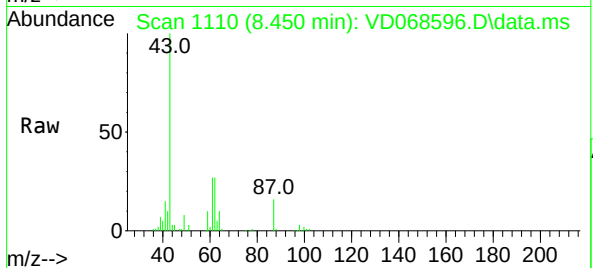
Tgt Ion:	62	Resp:	193390
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	21.8





#43
Isopropyl Acetate
Concen: 50.79 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

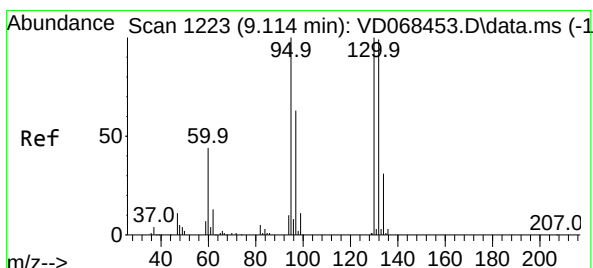
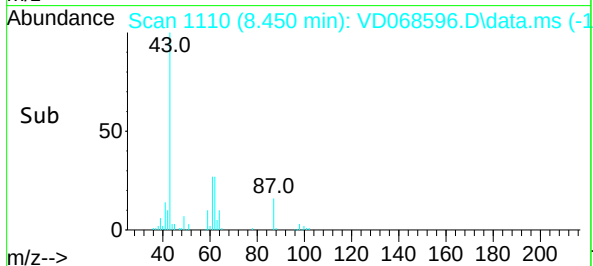
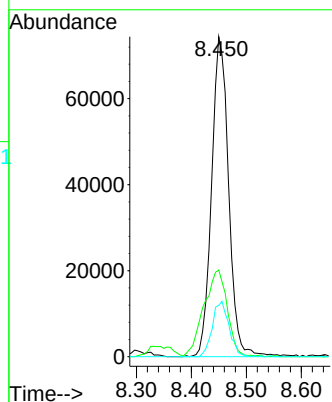
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
43	100		
61	37.4	28.7	43.1
87	17.0	13.9	20.9

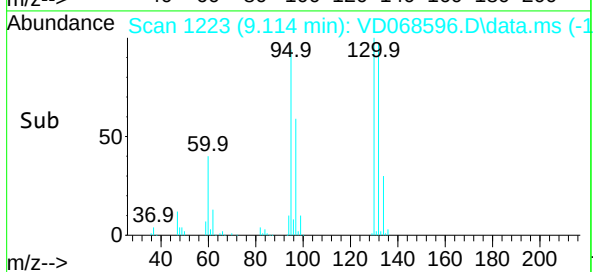
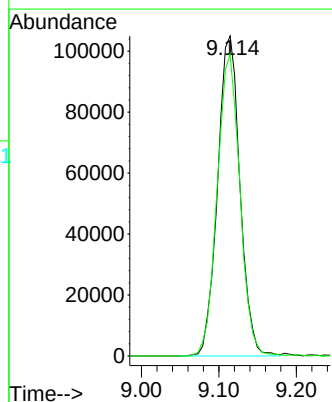
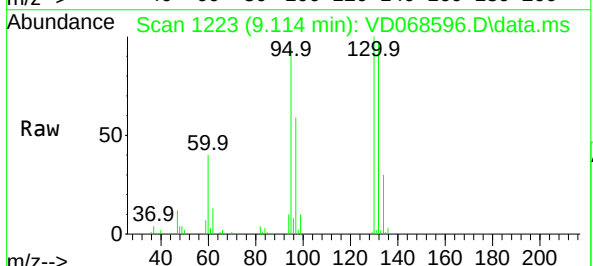
Manual Integrations
APPROVED

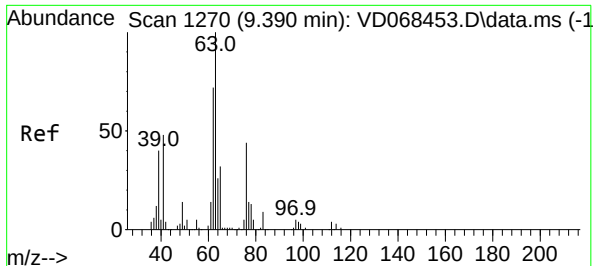
MMDadoda
3/15/2021 12:39:45 PM



#44
Trichloroethene
Concen: 51.80 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	191.2





#45

1,2-Dichloropropane

Concen: 49.51 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.005 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

Tgt Ion: 63 Resp: 175706

Ion Ratio Lower Upper

63 100

65 28.3 26.6 40.0

Instrument :

MSVOA_D

ClientSampleId :

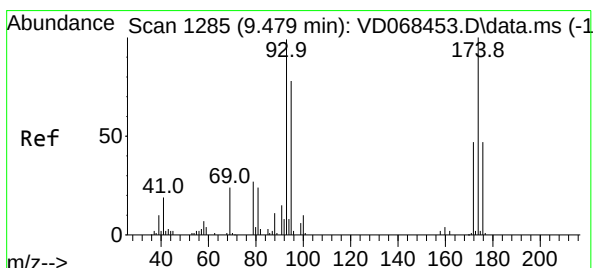
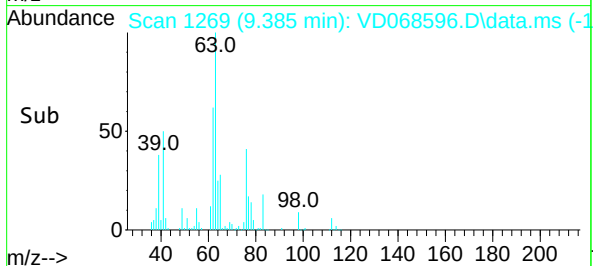
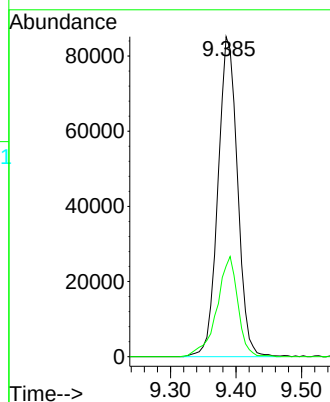
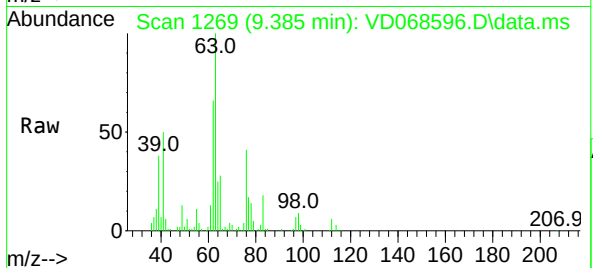
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

3/15/2021 12:39:45 PM



#46

Dibromomethane

Concen: 52.05 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.000 min

Lab File: VD068596.D

Acq: 12 Mar 2021 09:58

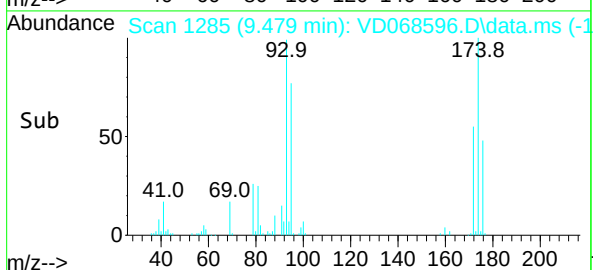
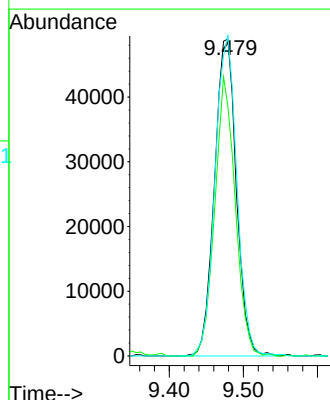
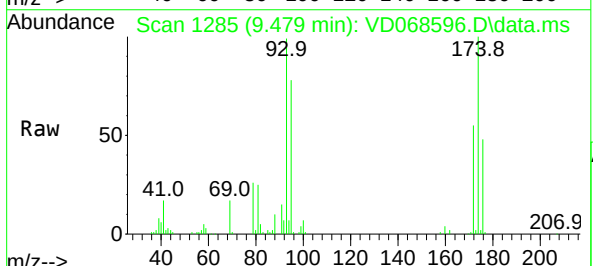
Tgt Ion: 93 Resp: 100496

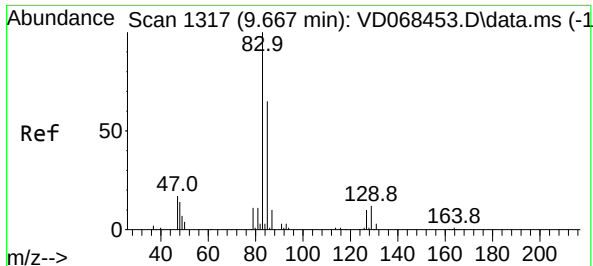
Ion Ratio Lower Upper

93 100

95 82.4 67.3 100.9

174 101.0 84.6 127.0





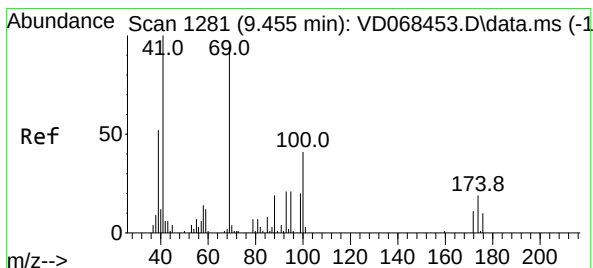
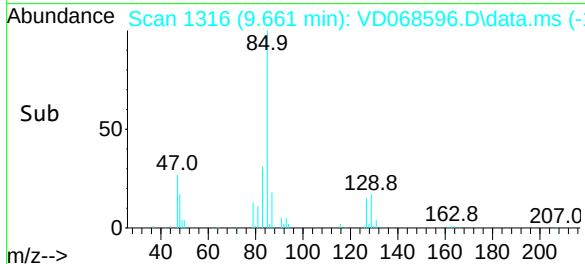
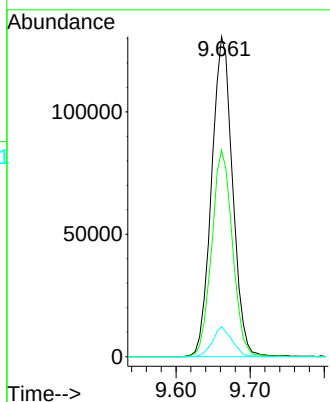
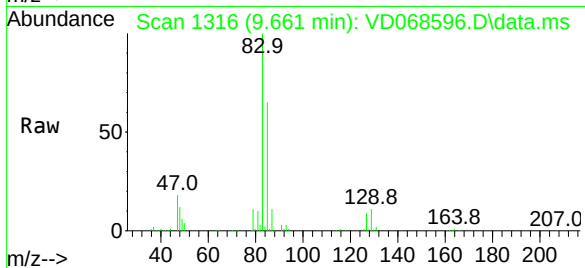
#47
Bromodichloromethane
Concen: 51.43 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 83 Resp: 256842
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4
127 9.4 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

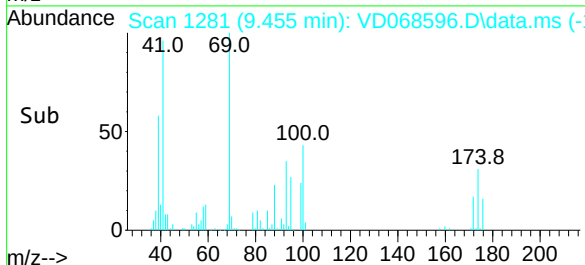
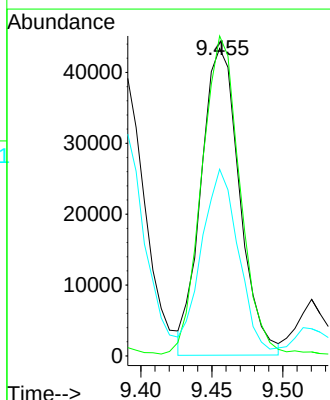
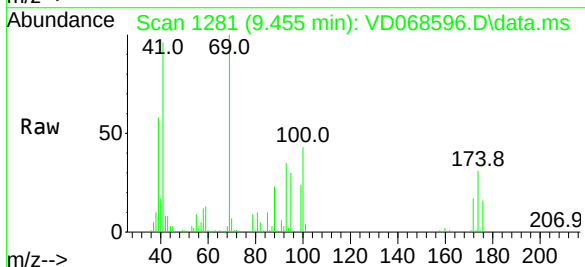
Manual Integrations
APPROVED

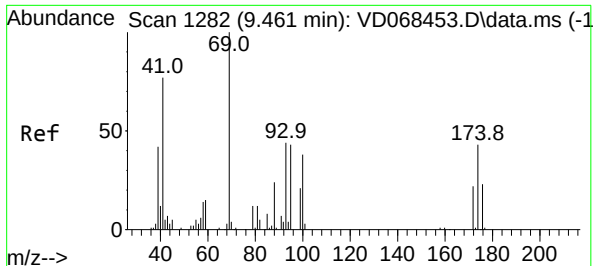
MMDadoda
3/15/2021 12:39:45 PM



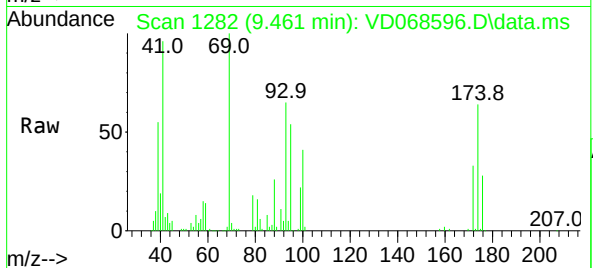
#48
Methyl methacrylate
Concen: 48.64 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 41 Resp: 81826
Ion Ratio Lower Upper
41 100
69 104.6 77.1 115.7
39 54.4 41.5 62.3

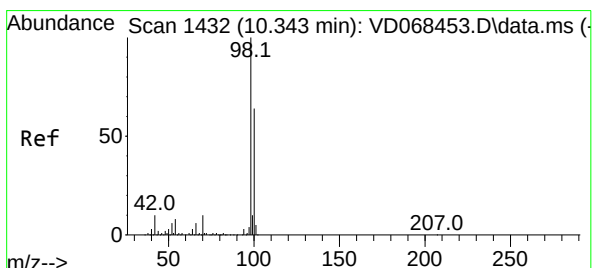
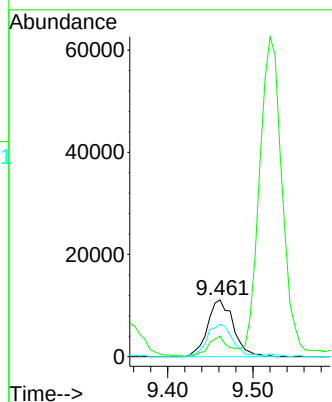
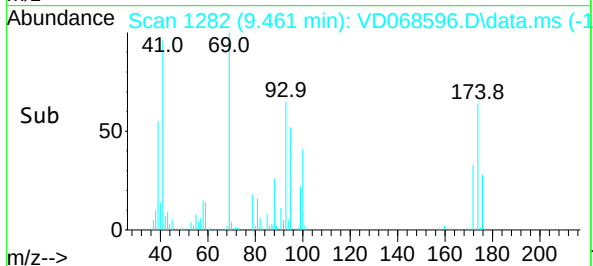




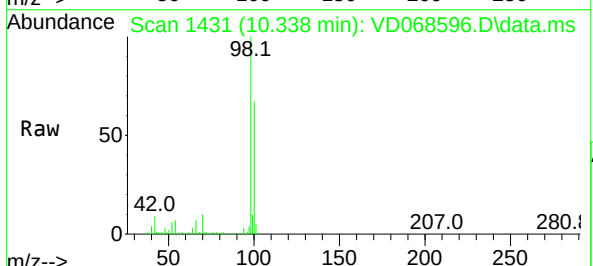
#49
1,4-Dioxane
Concen: 1059.20 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



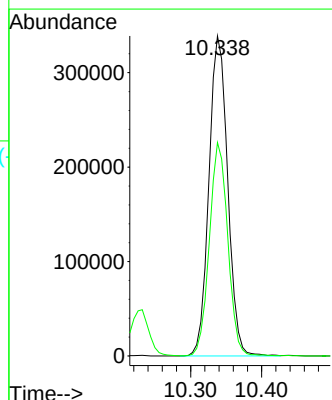
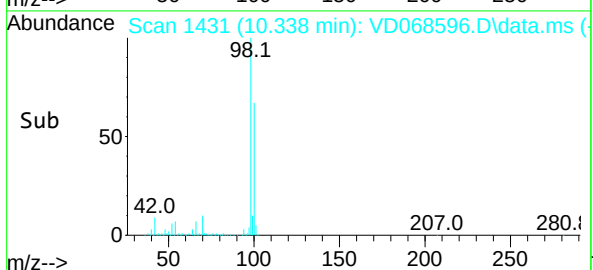
Tgt Ion: 88 Resp: 23321
Ion Ratio Lower Upper
88 100
43 30.2 22.1 33.1
58 57.2 46.7 70.1



#50
Toluene-d8
Concen: 47.59 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



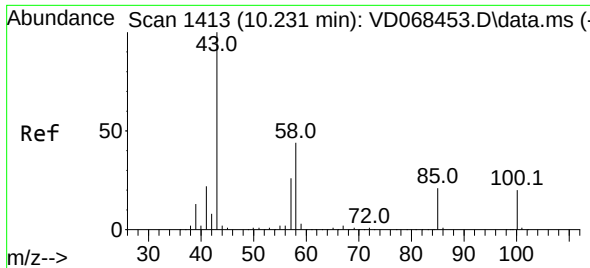
Tgt Ion: 98 Resp: 621730
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



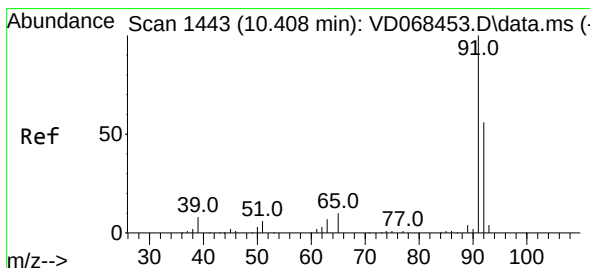
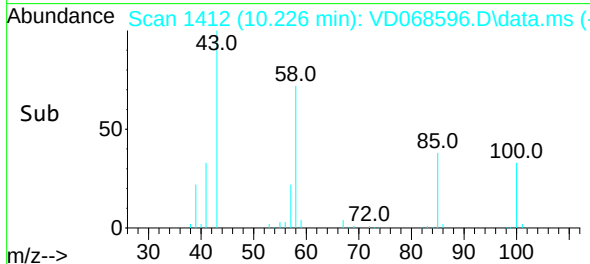
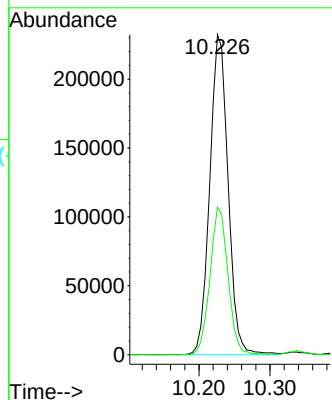
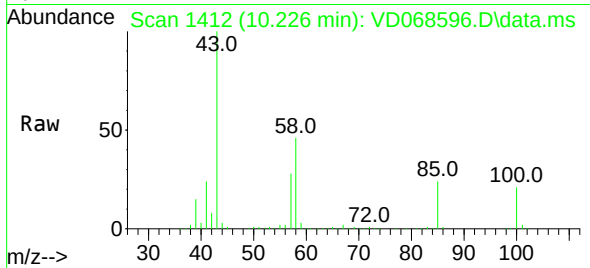
#51
4-Methyl-2-Pentanone
Concen: 251.83 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 43 Resp: 415867
Ion Ratio Lower Upper
43 100
58 45.4 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

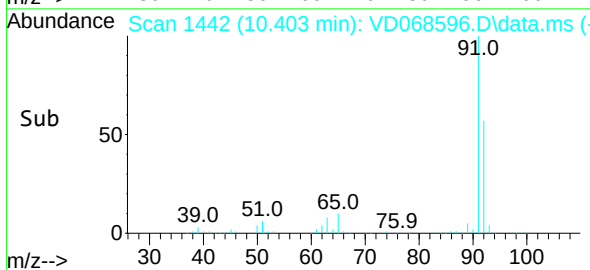
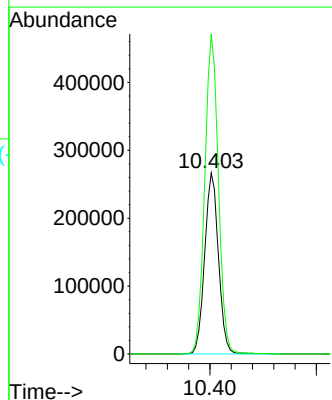
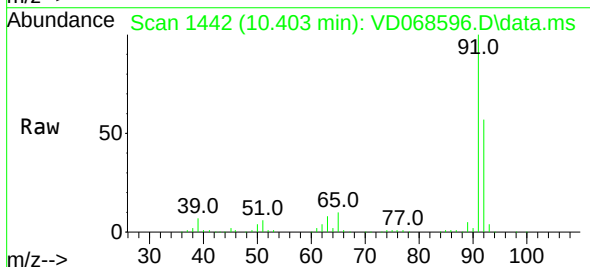
Manual Integrations
APPROVED

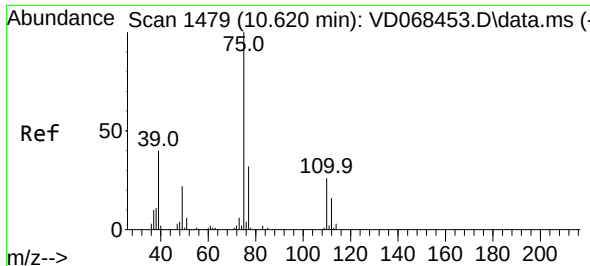
MMDadoda
3/15/2021 12:39:45 PM



#52
Toluene
Concen: 50.45 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 92 Resp: 478224
Ion Ratio Lower Upper
92 100
91 175.0 134.1 201.1





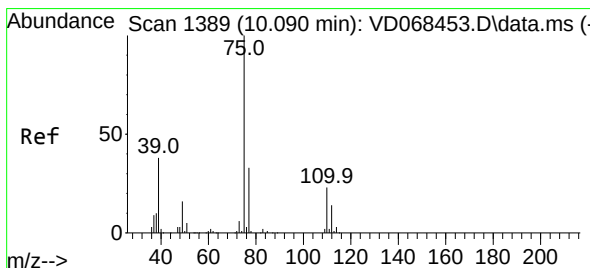
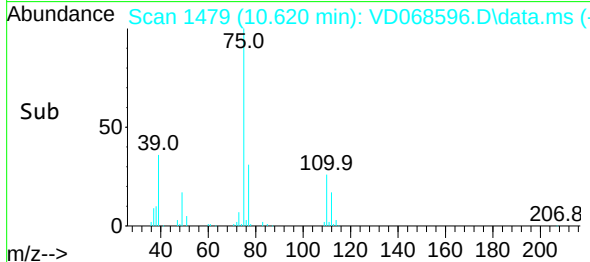
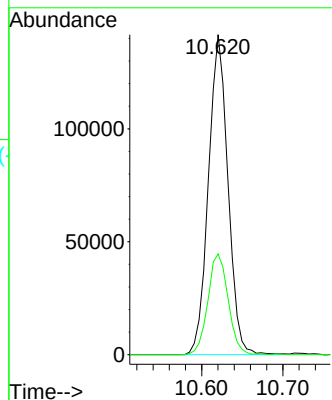
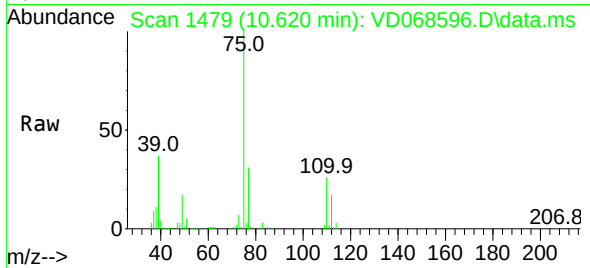
#53
 t-1,3-Dichloropropene
 Concen: 51.23 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion: 75 Resp: 236468
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

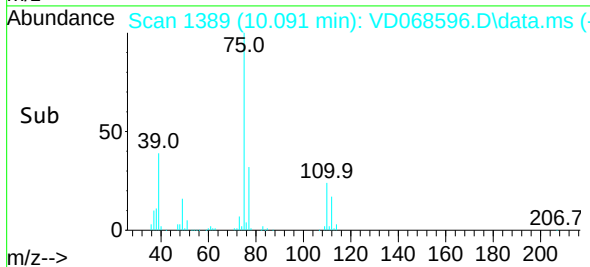
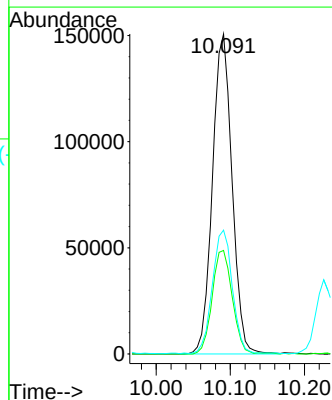
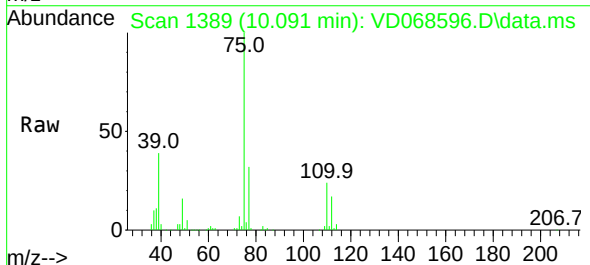
Manual Integrations
 APPROVED

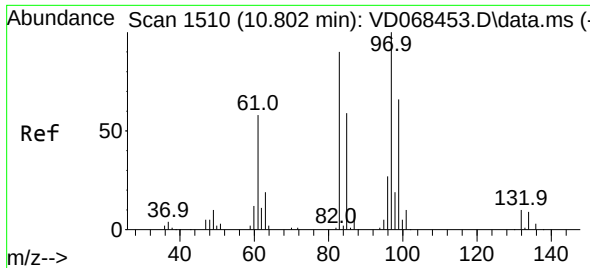
MMDadoda
 3/15/2021 12:39:45 PM



#54
 cis-1,3-Dichloropropene
 Concen: 49.10 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58

Tgt Ion: 75 Resp: 276523
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0
 39 38.6 31.4 47.0





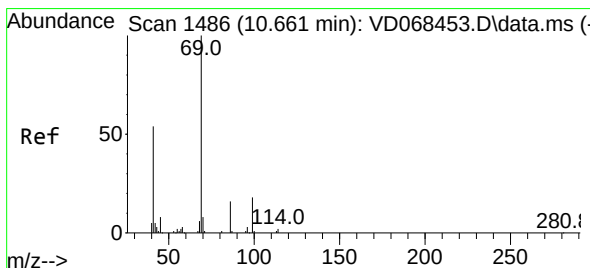
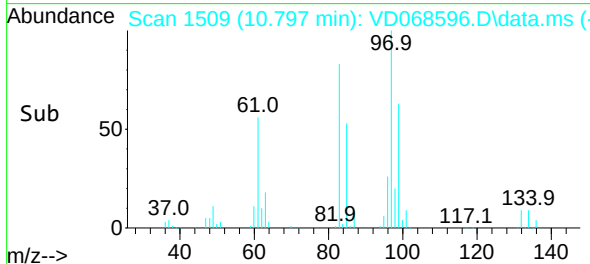
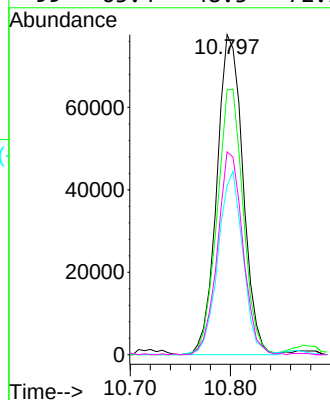
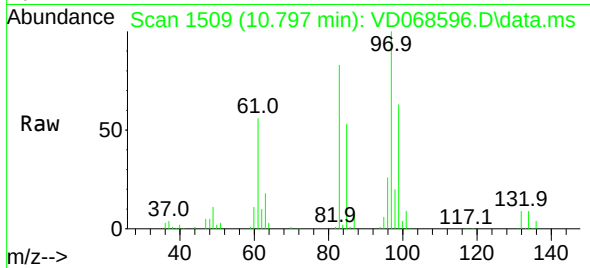
#55
1,1,2-Trichloroethane
Concen: 52.53 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	61.8	92.6
85	52.8	42.2	63.2
99	63.4	48.3	72.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

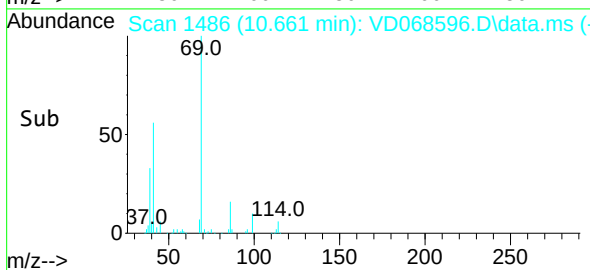
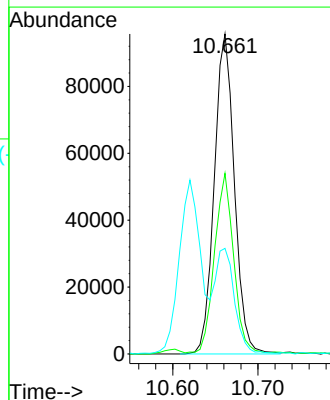
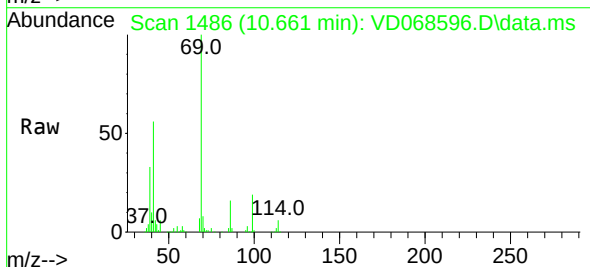
Manual Integrations
APPROVED

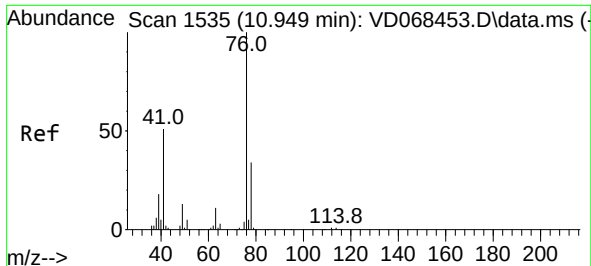
MMDadoda
3/15/2021 12:39:45 PM



#56
Ethyl methacrylate
Concen: 51.13 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.3	44.9	67.3
39	31.0	21.9	32.9





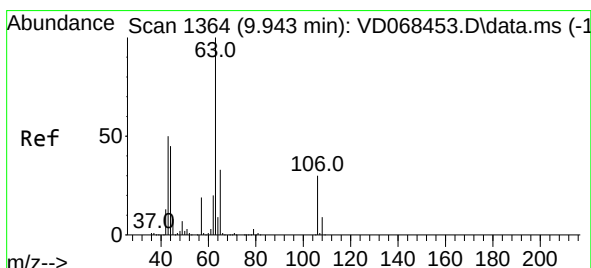
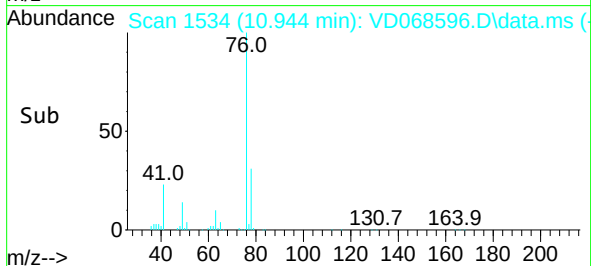
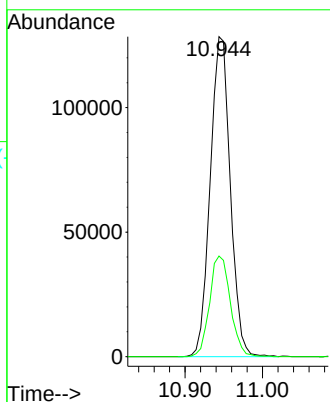
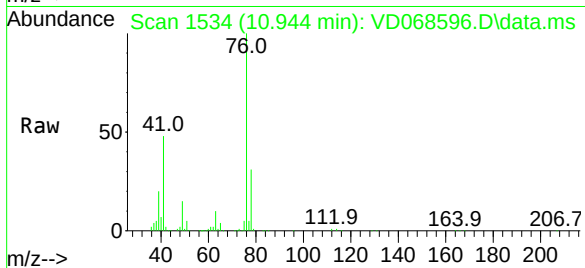
#57
1,3-Dichloropropane
Concen: 49.72 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 76 Resp: 231890
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

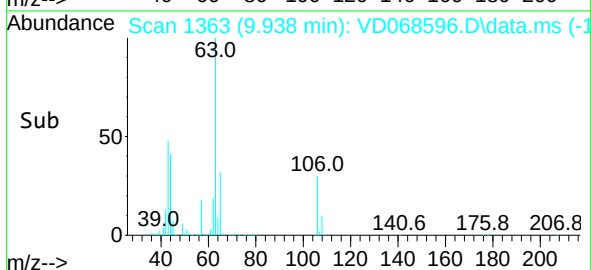
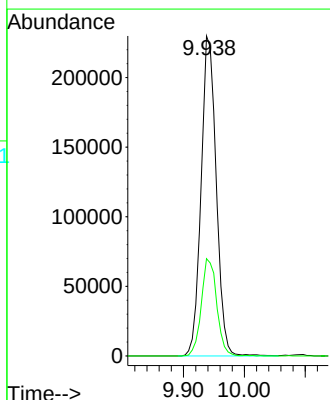
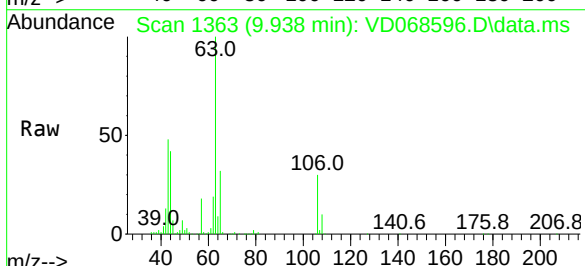
Manual Integrations
APPROVED

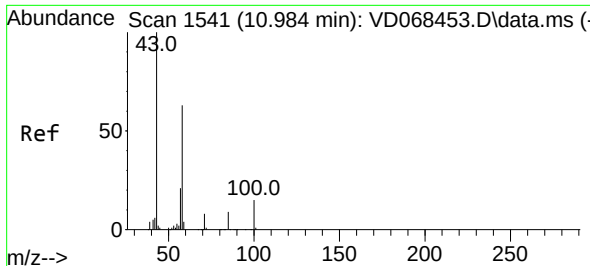
MMDadoda
3/15/2021 12:39:45 PM



#58
2-Chloroethyl Vinyl ether
Concen: 258.63 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 63 Resp: 398472
Ion Ratio Lower Upper
63 100
106 30.8 27.0 40.4





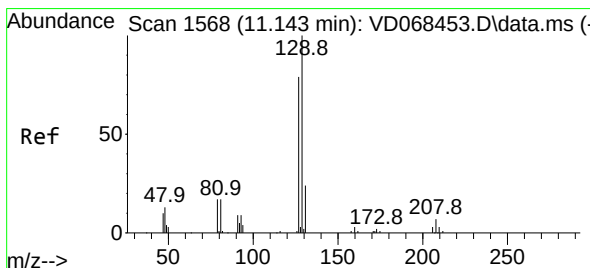
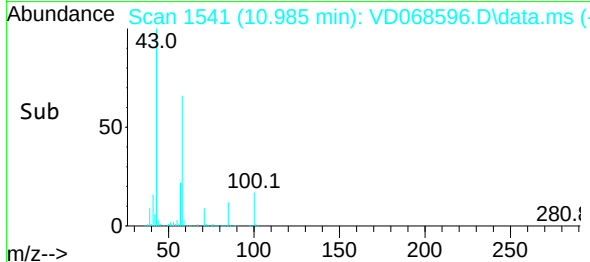
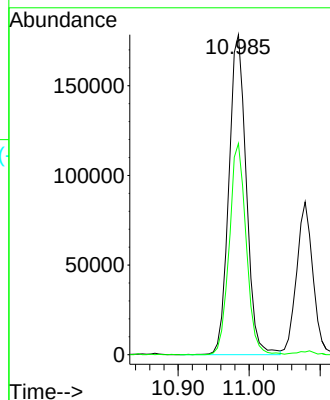
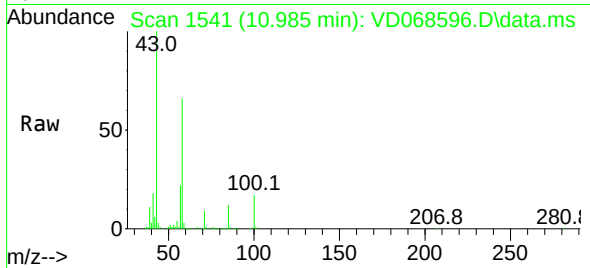
#59
2-Hexanone
Concen: 275.81 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 43 Resp: 303600
Ion Ratio Lower Upper
43 100
58 64.1 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

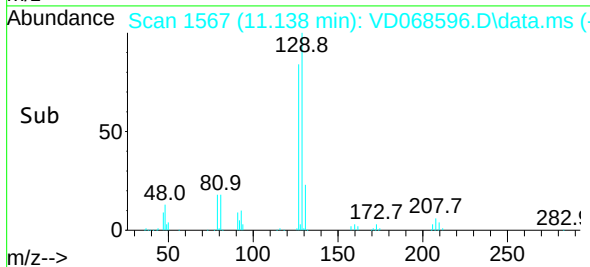
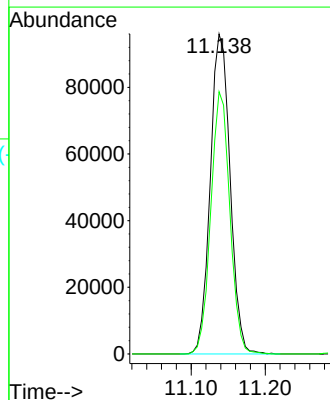
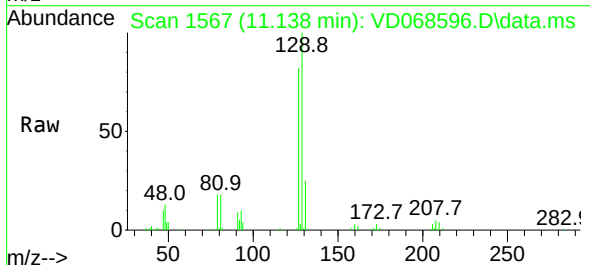
Manual Integrations
APPROVED

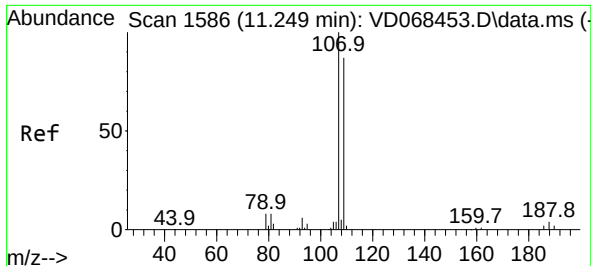
MMDadoda
3/15/2021 12:39:45 PM



#60
Dibromochloromethane
Concen: 53.84 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

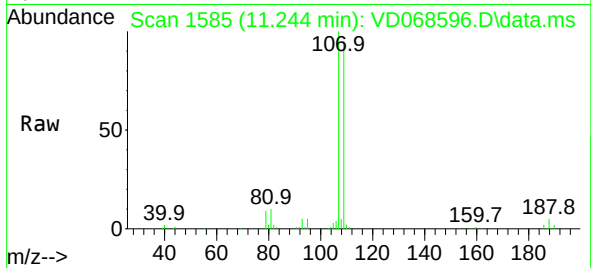
Tgt Ion: 129 Resp: 178063
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.98 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

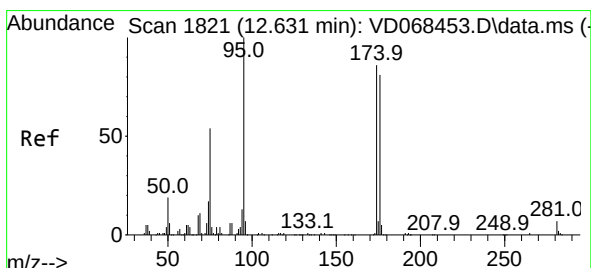
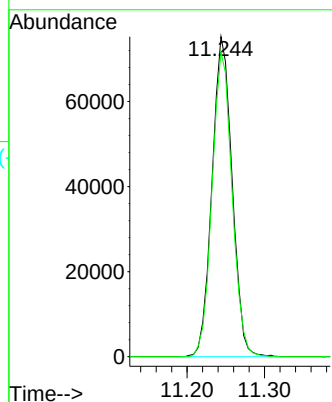
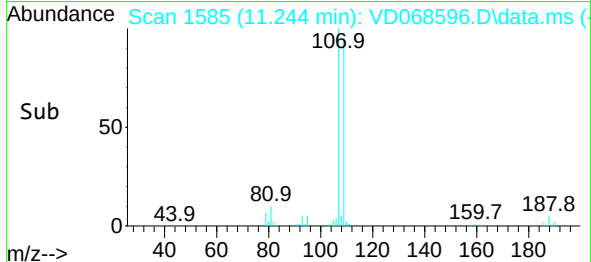
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



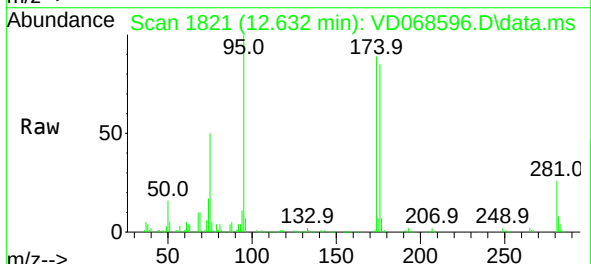
Tgt Ion:107 Resp: 135915
Ion Ratio Lower Upper
107 100
109 94.7 74.8 112.2

Manual Integrations
APPROVED

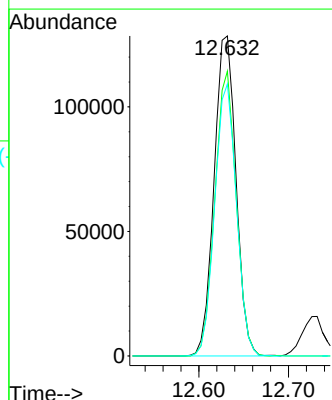
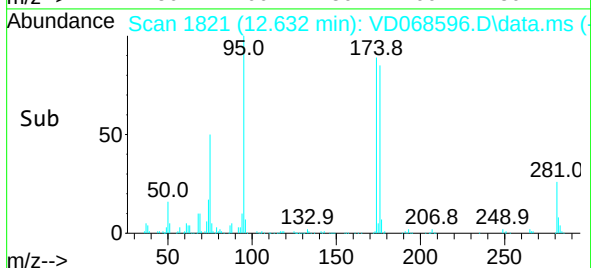
MMDadoda
3/15/2021 12:39:45 PM

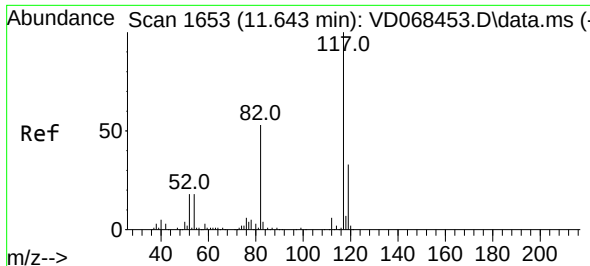


#62
4-Bromofluorobenzene
Concen: 51.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



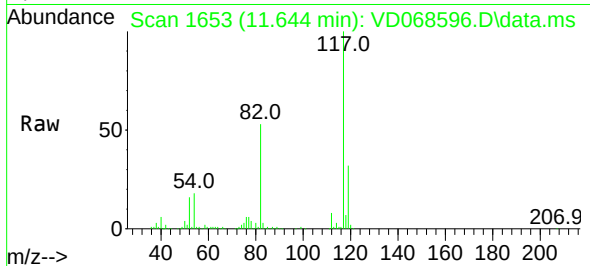
Tgt Ion: 95 Resp: 218014
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 84.0 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

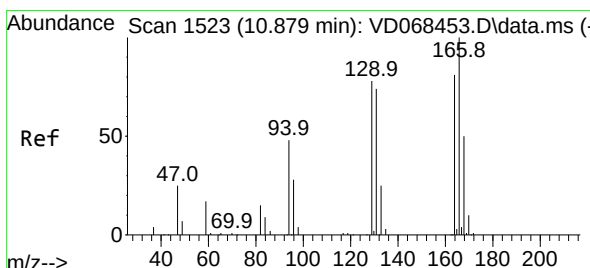
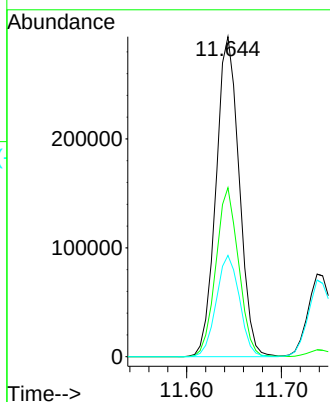
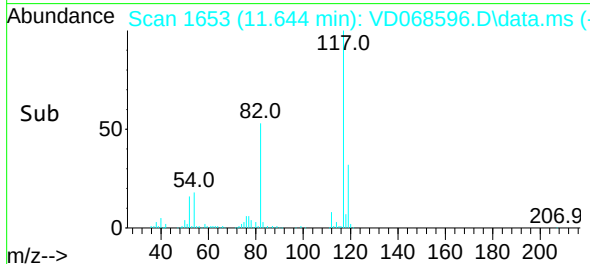
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



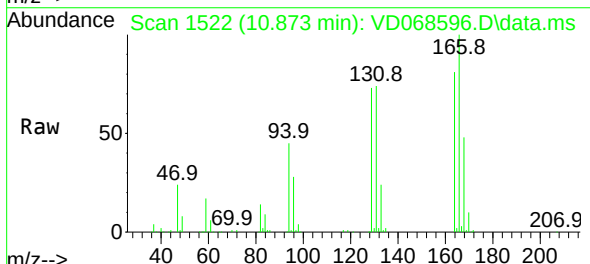
Tgt Ion:117 Resp: 500389
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 31.7 26.1 39.1

Manual Integrations
APPROVED

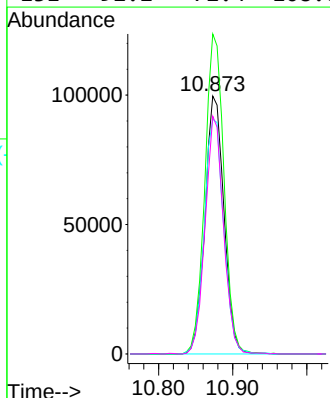
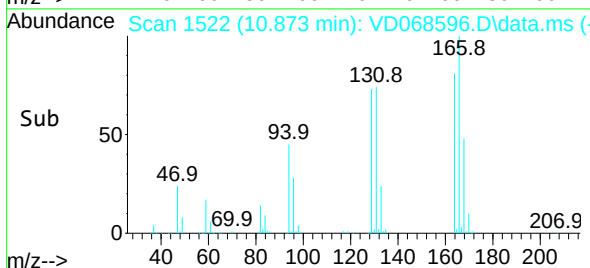
MMDadoda
3/15/2021 12:39:45 PM

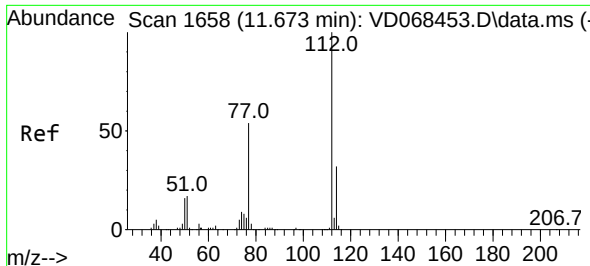


#64
Tetrachloroethene
Concen: 54.26 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



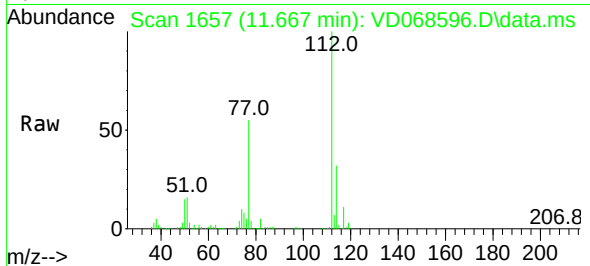
Tgt Ion:164 Resp: 177283
Ion Ratio Lower Upper
164 100
166 124.0 105.5 158.3
129 91.0 75.6 113.4
131 92.2 72.4 108.6





#65
Chlorobenzene
Concen: 50.81 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

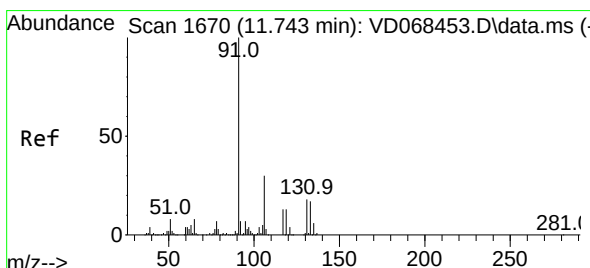
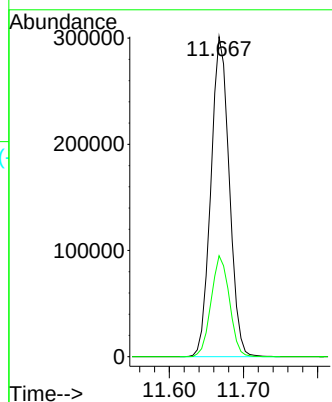
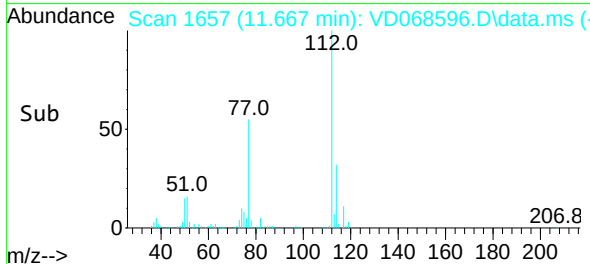
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



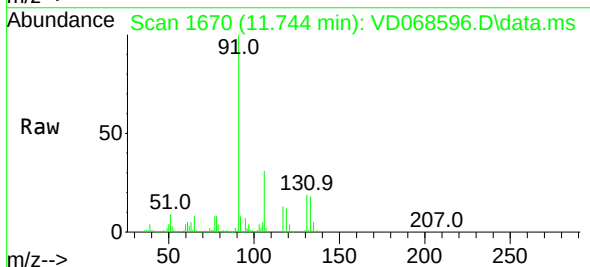
Tgt Ion:112 Resp: 517782
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

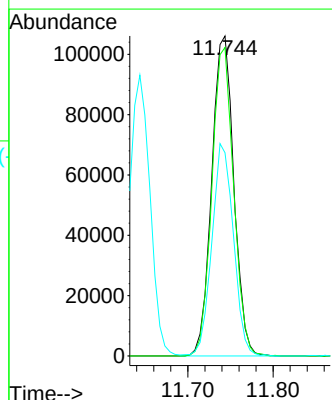
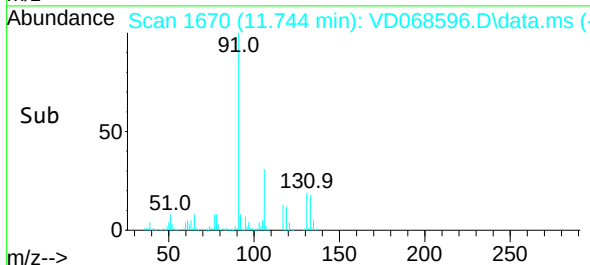
MMDadoda
3/15/2021 12:39:45 PM

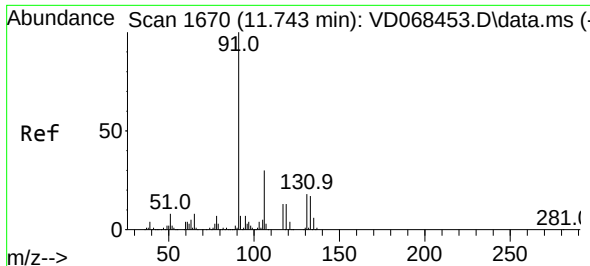


#66
1,1,1,2-Tetrachloroethane
Concen: 53.91 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



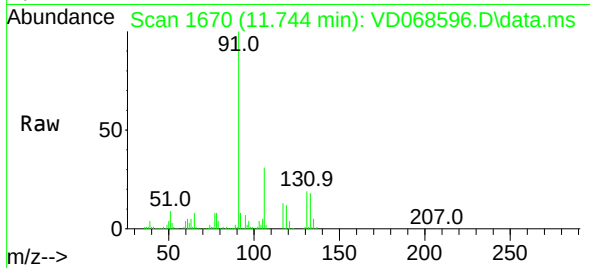
Tgt Ion:131 Resp: 190949
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.9 31.6 94.8





#67
Ethyl Benzene
Concen: 51.17 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

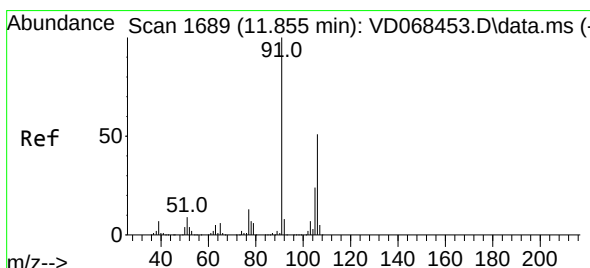
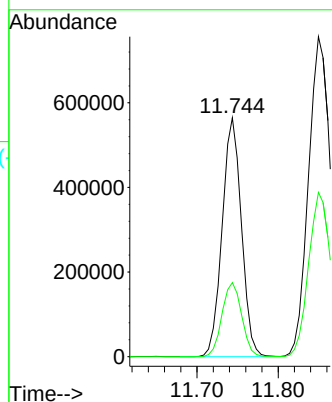
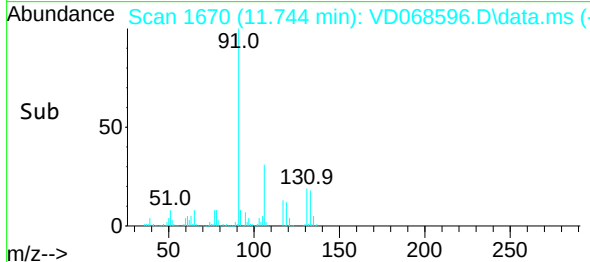
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



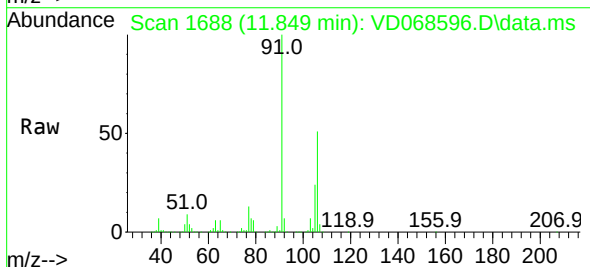
Tgt Ion: 91 Resp: 930838
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

Manual Integrations
APPROVED

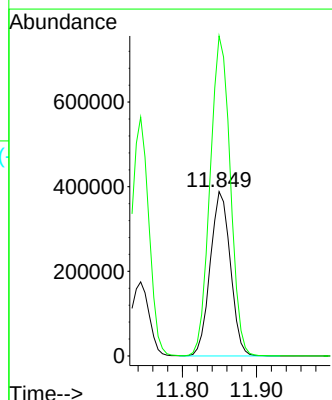
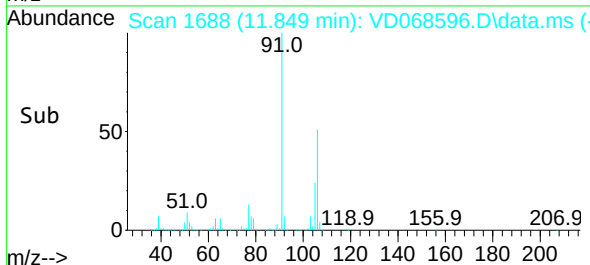
MMDadoda
3/15/2021 12:39:45 PM

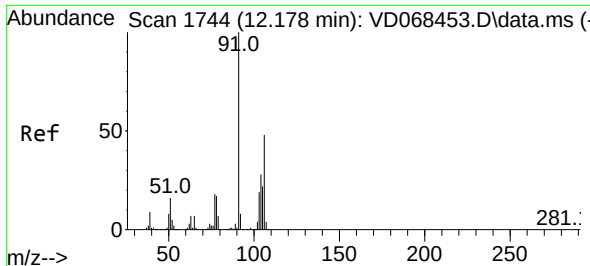


#68
m/p-Xylenes
Concen: 106.18 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 106 Resp: 733560
Ion Ratio Lower Upper
106 100
91 195.2 159.1 238.7





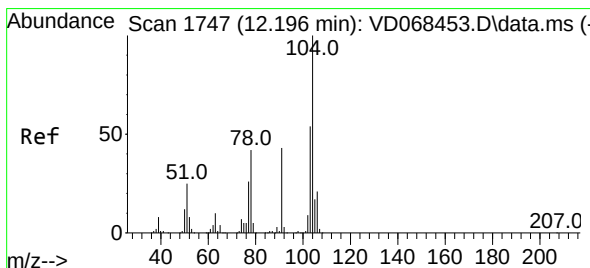
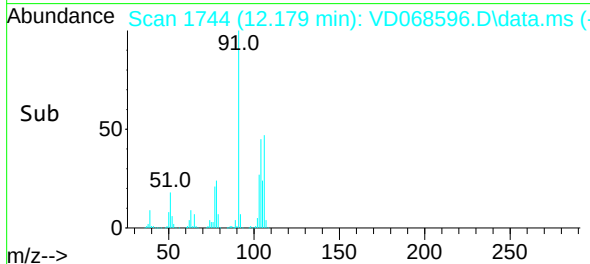
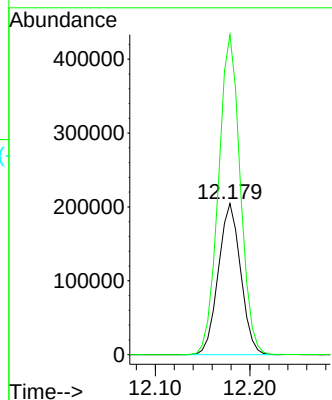
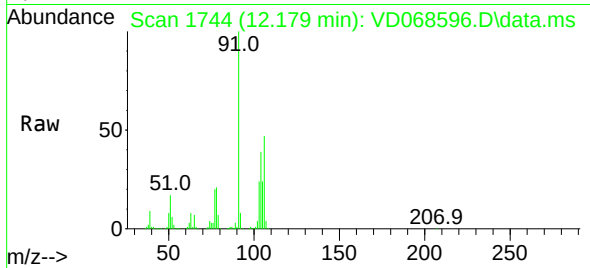
#69
o-Xylene
Concen: 52.64 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:106 Resp: 334894
Ion Ratio Lower Upper
106 100
91 207.1 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

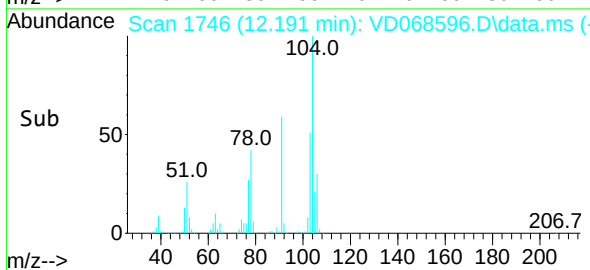
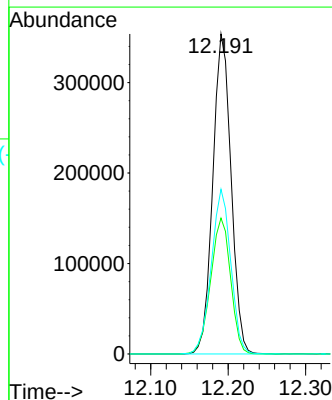
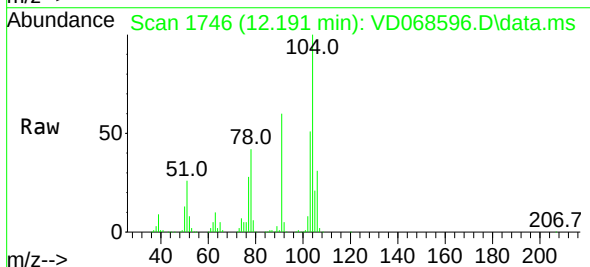
Manual Integrations
APPROVED

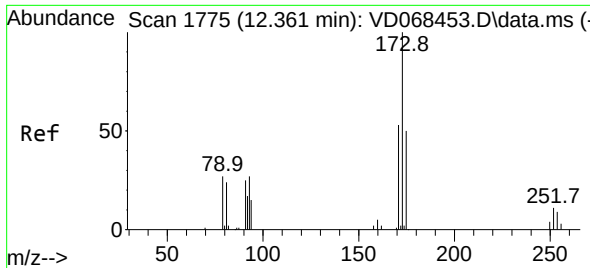
MMDadoda
3/15/2021 12:39:45 PM



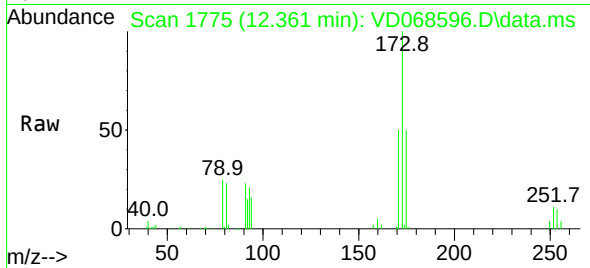
#70
Styrene
Concen: 53.33 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:104 Resp: 580297
Ion Ratio Lower Upper
104 100
78 46.3 38.2 57.2
103 54.9 43.1 64.7

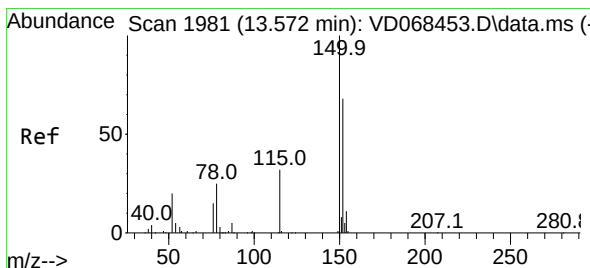
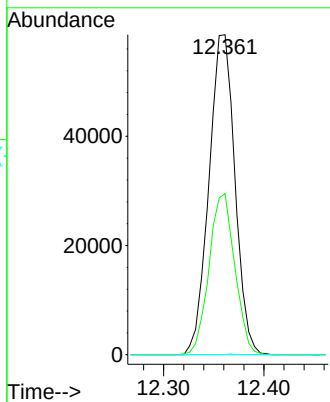
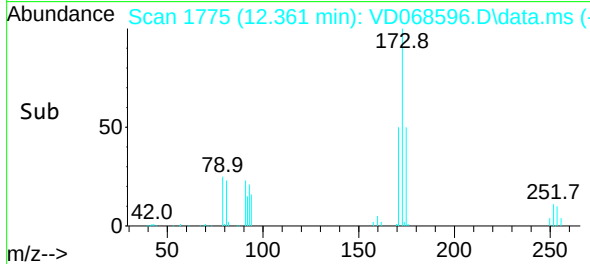




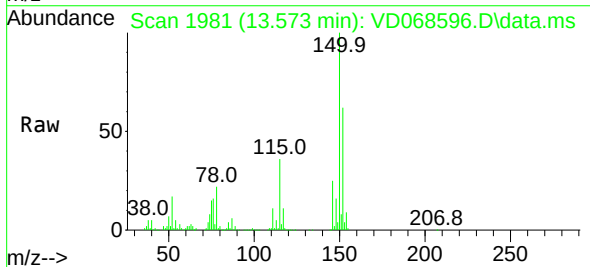
#71
Bromoform
Concen: 58.57 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



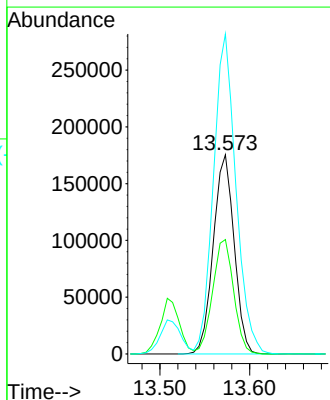
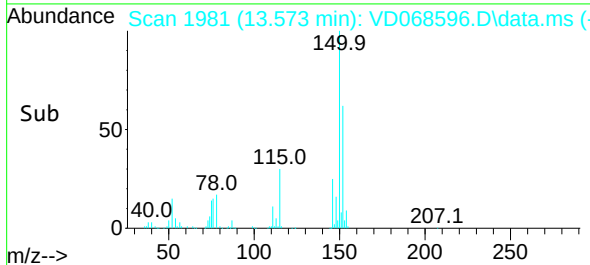
Tgt Ion:173 Resp: 105394
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



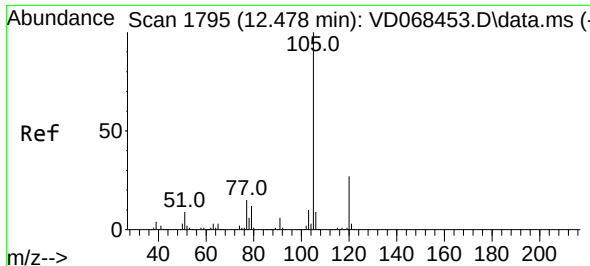
Tgt Ion:152 Resp: 283099
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 173.3 0.0 344.4



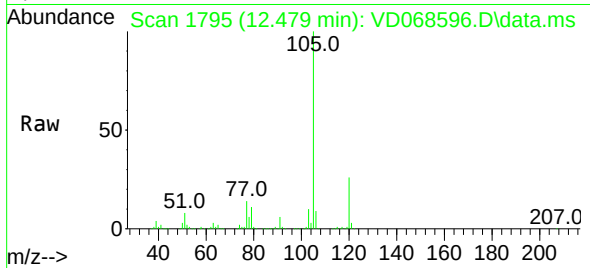
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

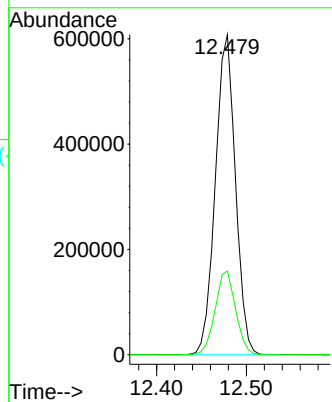
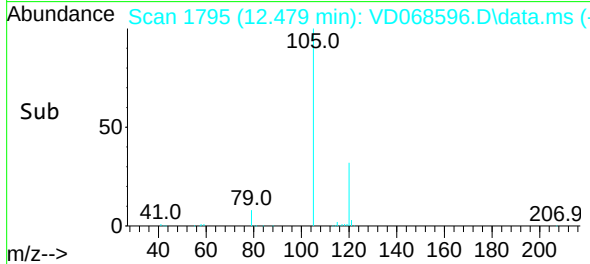
MMDadoda
3/15/2021 12:39:45 PM



#73
Isopropylbenzene
Concen: 44.95 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



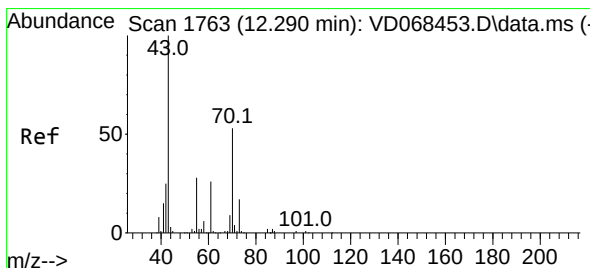
Tgt Ion: 105 Resp: 943768
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



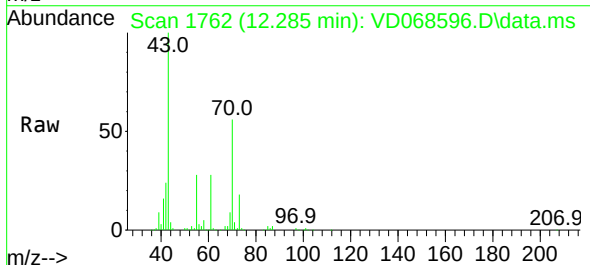
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

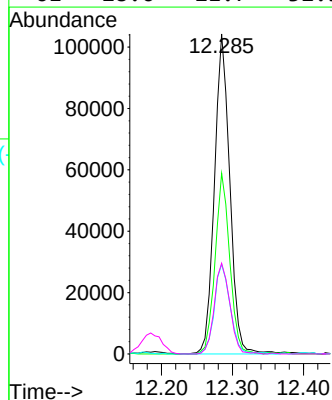
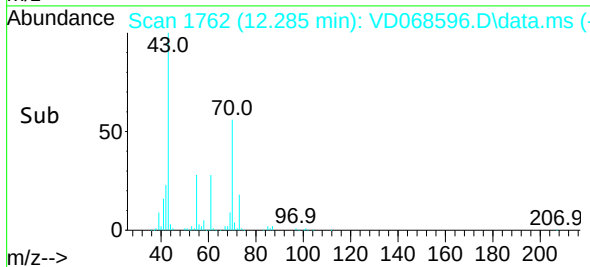
MMDadoda
3/15/2021 12:39:45 PM

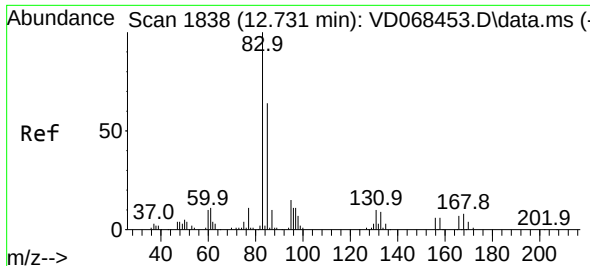


#74
N-ethyl acetate
Concen: 43.78 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 43 Resp: 156604
Ion Ratio Lower Upper
43 100
70 53.8 41.8 62.8
55 28.9 24.2 36.4
61 28.6 21.7 32.5





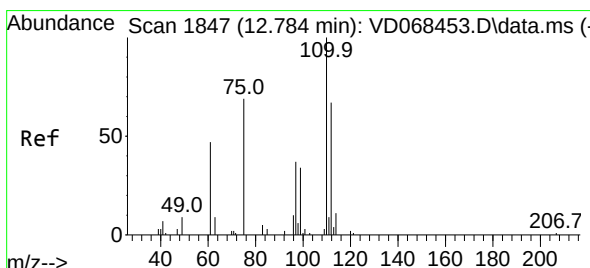
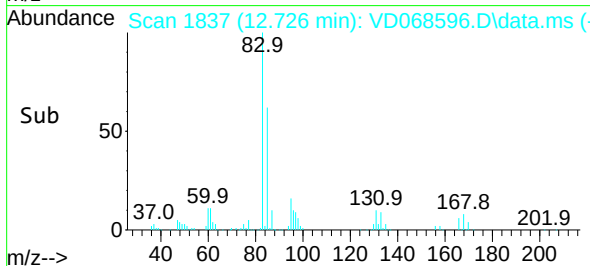
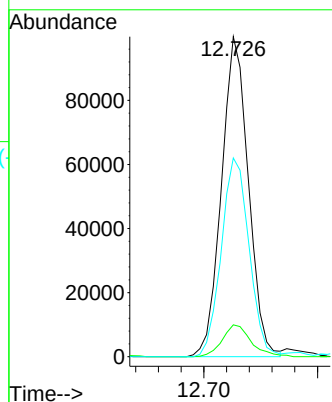
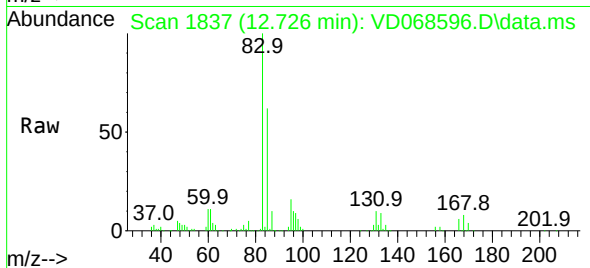
#75
1,1,2,2-Tetrachloroethane
Concen: 45.44 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 83 Resp: 164160
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.4
85 64.1 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

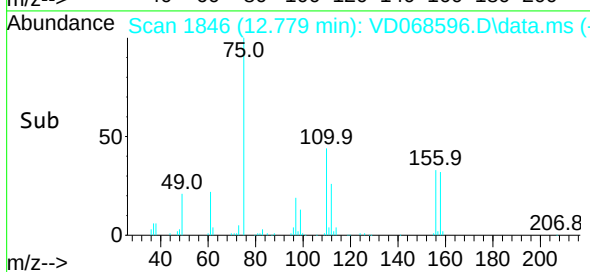
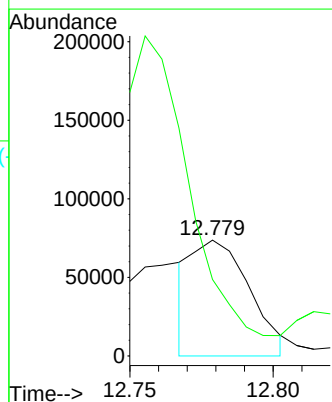
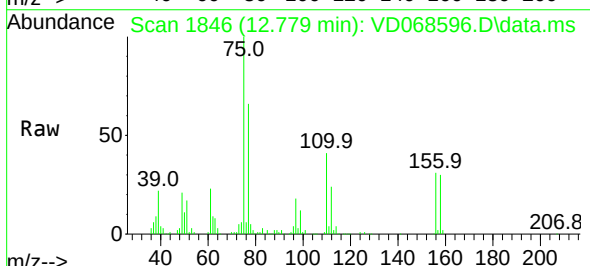
Manual Integrations
APPROVED

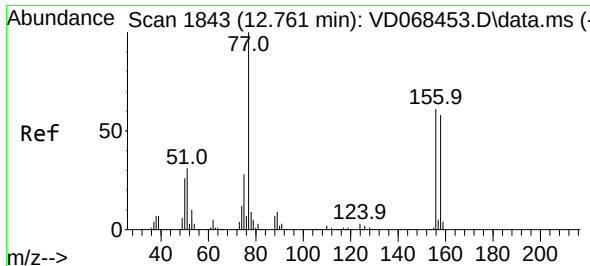
MMDadoda
3/15/2021 12:39:45 PM



#76
1,2,3-Trichloropropane
Concen: 41.11 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 75 Resp: 103320
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





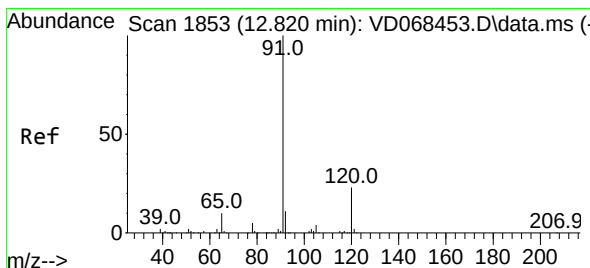
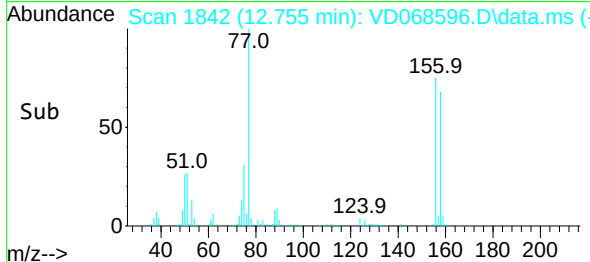
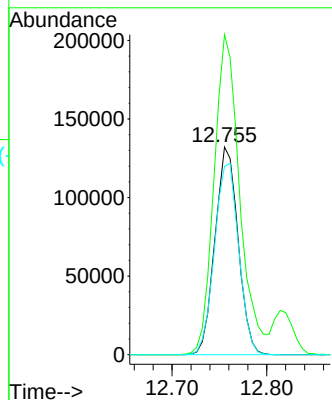
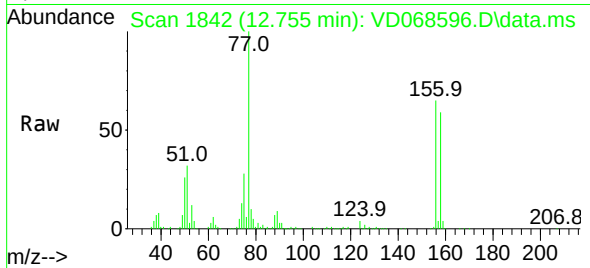
#77
Bromobenzene
Concen: 46.74 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:156 Resp: 223946
Ion Ratio Lower Upper
156 100
77 172.0 82.8 248.3
158 96.5 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

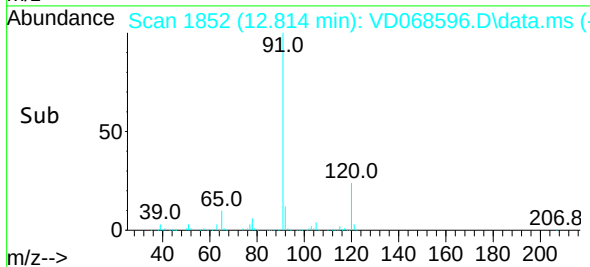
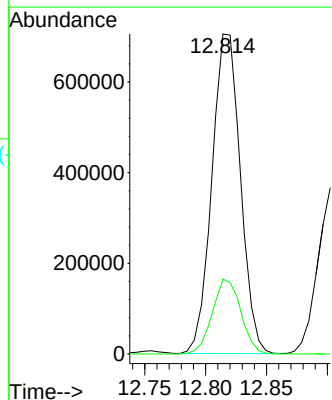
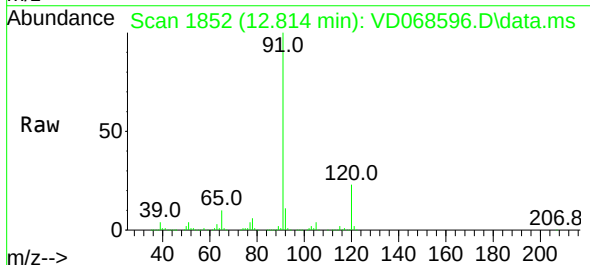
Manual Integrations
APPROVED

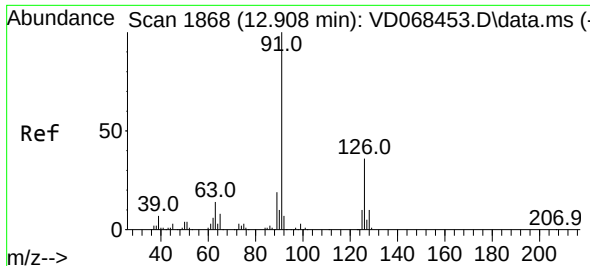
MMDadoda
3/15/2021 12:39:45 PM



#78
n-propylbenzene
Concen: 45.81 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

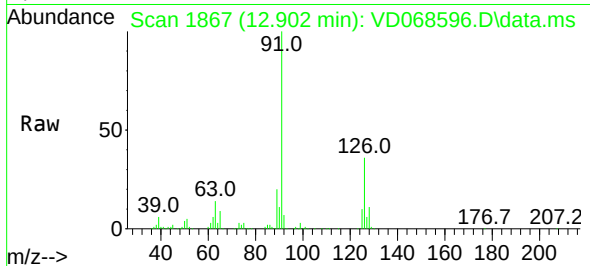
Tgt Ion: 91 Resp: 1149290
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.0





#79
2-Chlorotoluene
Concen: 44.81 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

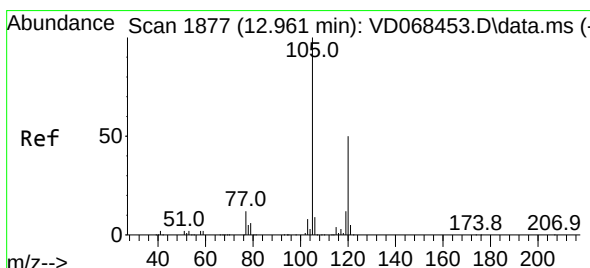
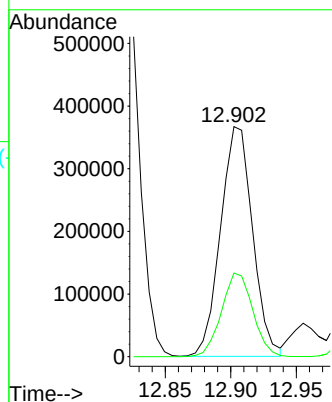
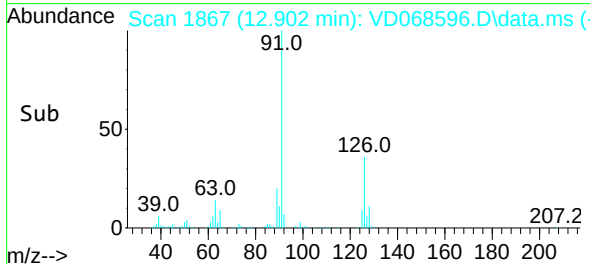
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



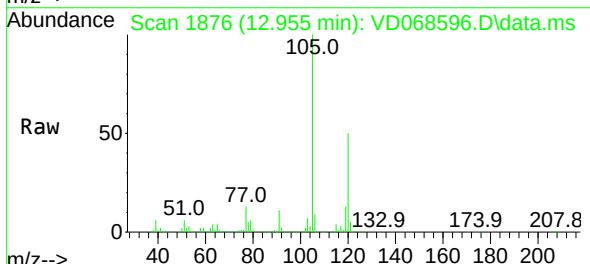
Tgt Ion: 91 Resp: 623972
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5

Manual Integrations
APPROVED

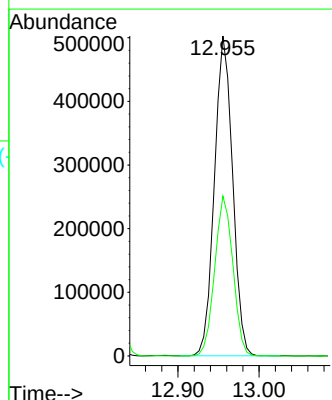
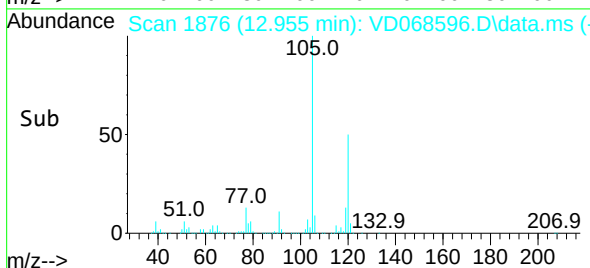
MMDadoda
3/15/2021 12:39:45 PM

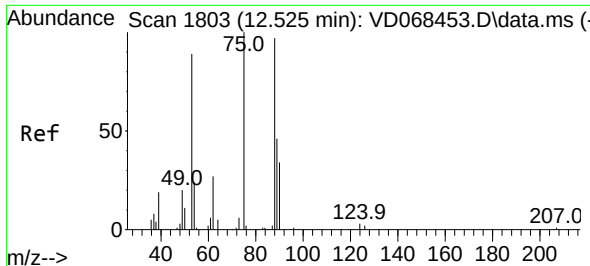


#80
1,3,5-Trimethylbenzene
Concen: 45.39 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



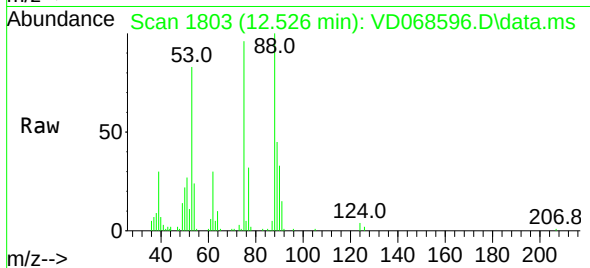
Tgt Ion: 105 Resp: 781152
Ion Ratio Lower Upper
105 100
120 50.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.88 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

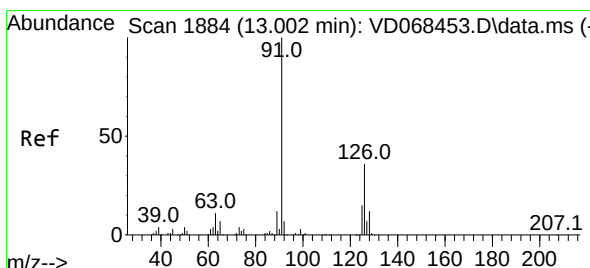
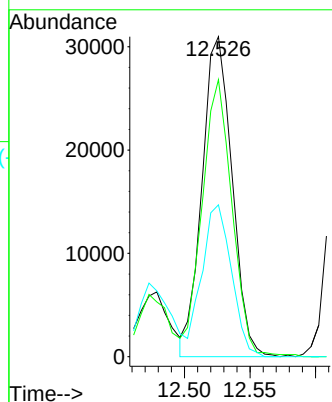
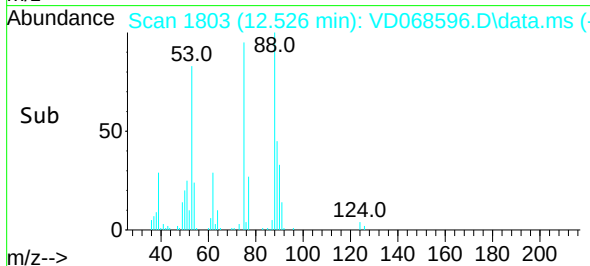
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



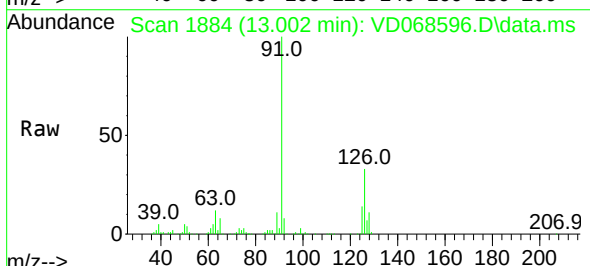
Tgt Ion: 75 Resp: 49415
Ion Ratio Lower Upper
75 100
53 86.2 70.2 105.2
89 46.3 40.3 60.5

Manual Integrations
APPROVED

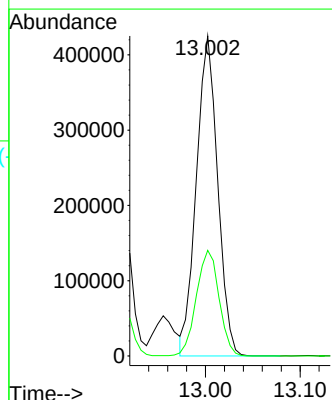
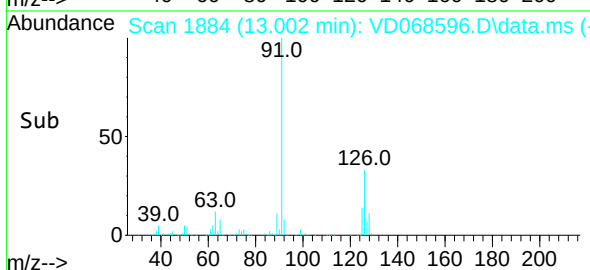
MMDadoda
3/15/2021 12:39:45 PM

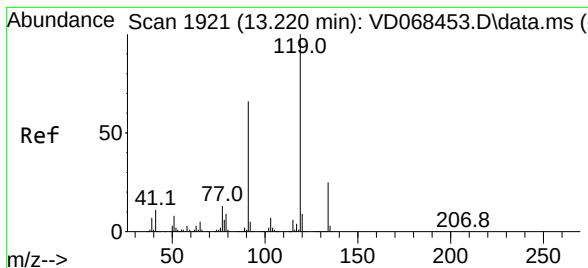


#82
4-Chlorotoluene
Concen: 45.39 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58



Tgt Ion: 91 Resp: 665019
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





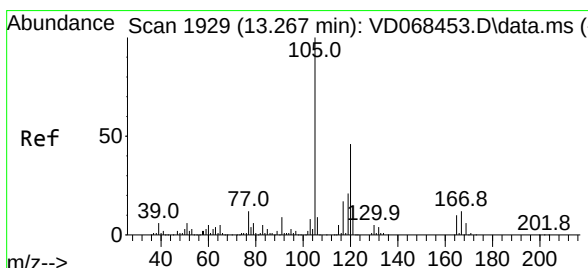
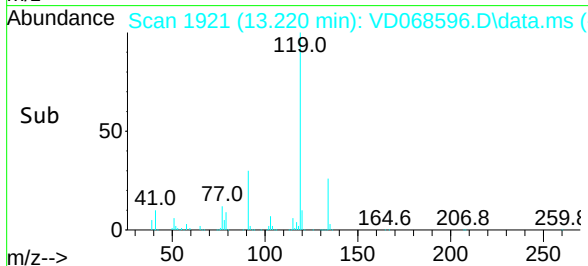
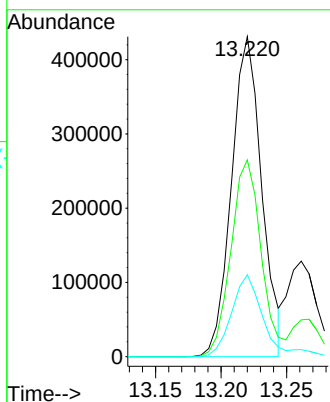
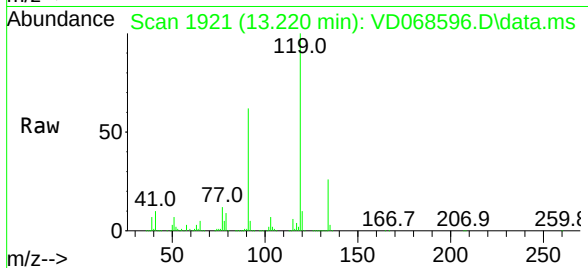
#83
tert-Butylbenzene
Concen: 47.15 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:119 Resp: 690913
Ion Ratio Lower Upper
119 100
91 62.0 31.1 93.5
134 26.9 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

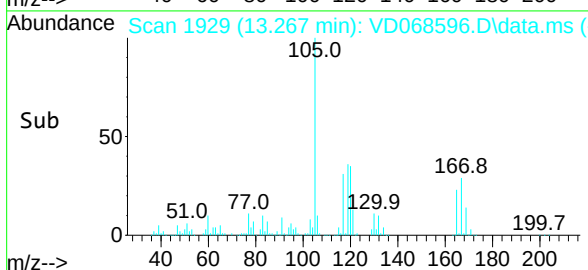
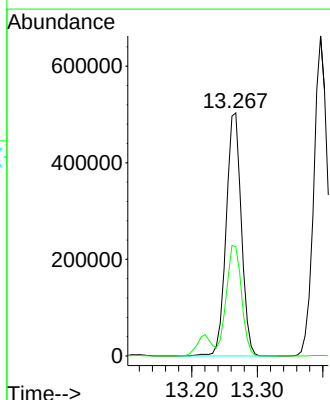
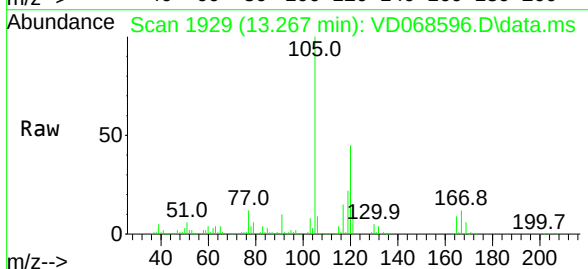
Manual Integrations
APPROVED

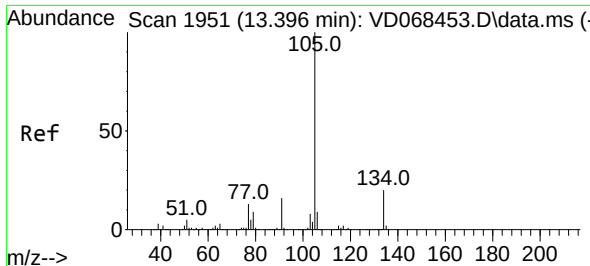
MMDadoda
3/15/2021 12:39:45 PM



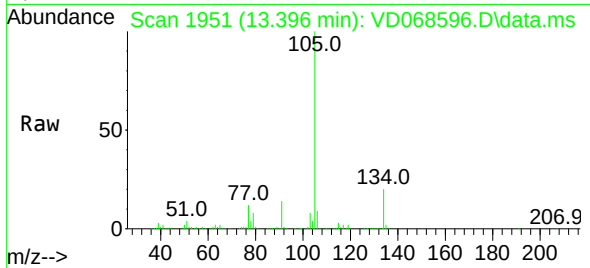
#84
1,2,4-Trimethylbenzene
Concen: 46.81 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:105 Resp: 806836
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0

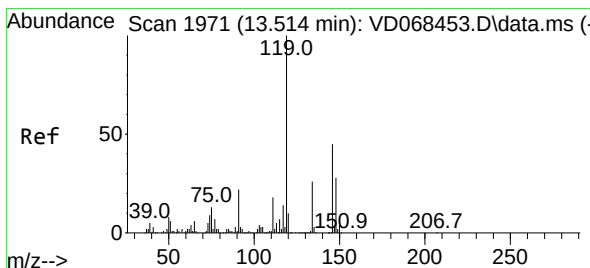
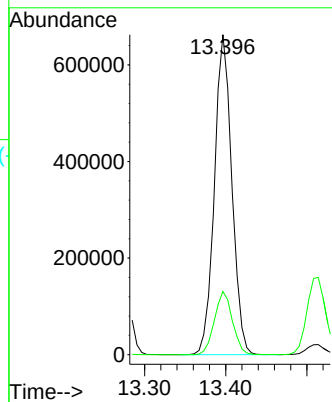
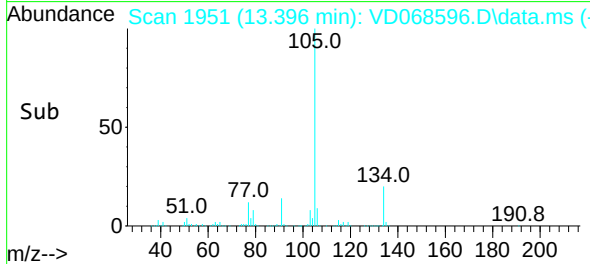




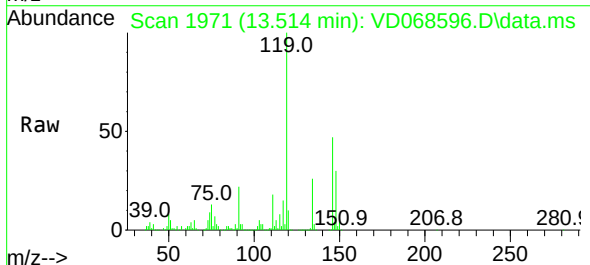
#85
 sec-Butylbenzene
 Concen: 47.78 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58



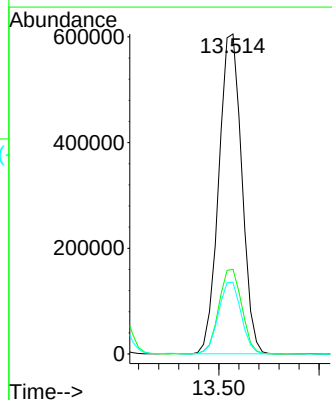
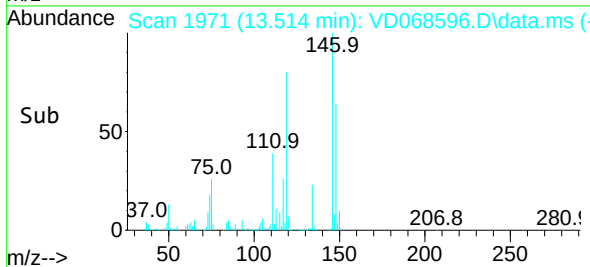
Tgt Ion:105 Resp: 988864
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.20 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068596.D
 Acq: 12 Mar 2021 09:58



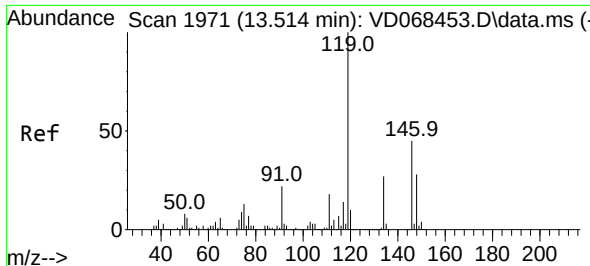
Tgt Ion:119 Resp: 961891
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 22.2 11.7 35.0



Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:39:45 PM



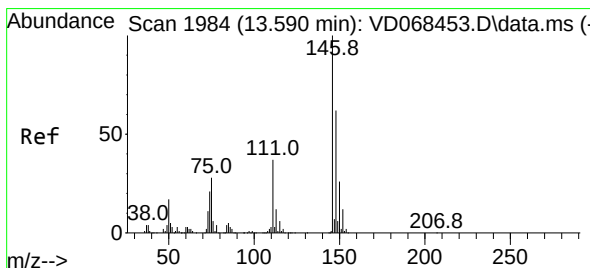
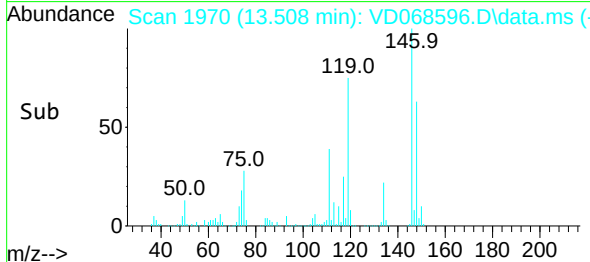
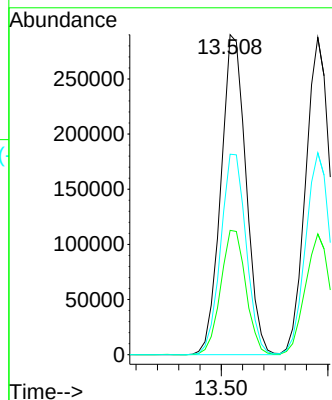
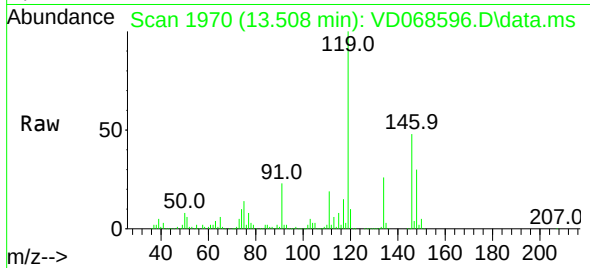
#87
1,3-Dichlorobenzene
Concen: 51.33 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:146 Resp: 474998
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 63.4 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

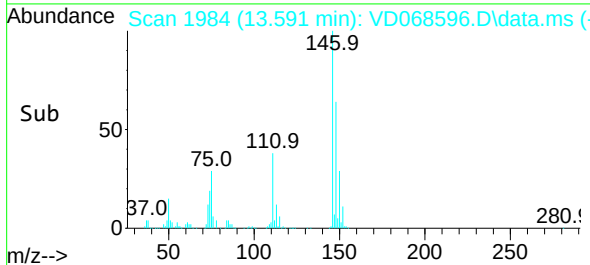
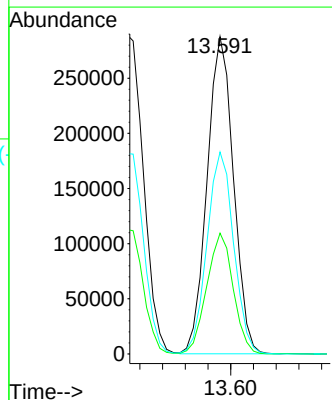
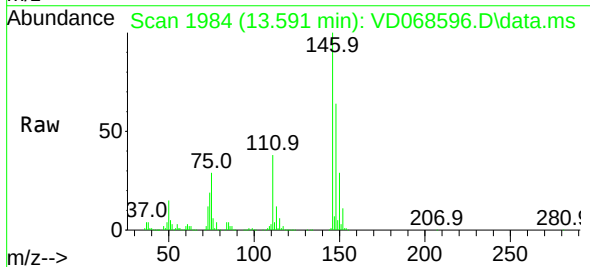
Manual Integrations
APPROVED

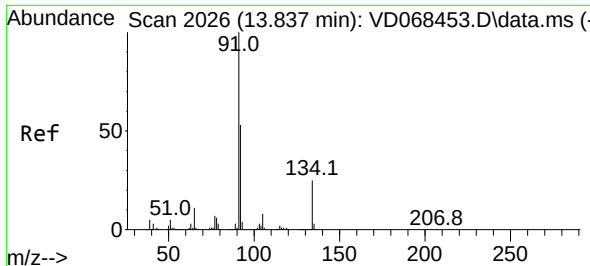
MMDadoda
3/15/2021 12:39:45 PM



#88
1,4-Dichlorobenzene
Concen: 50.58 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:146 Resp: 463764
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 64.5 31.9 95.7





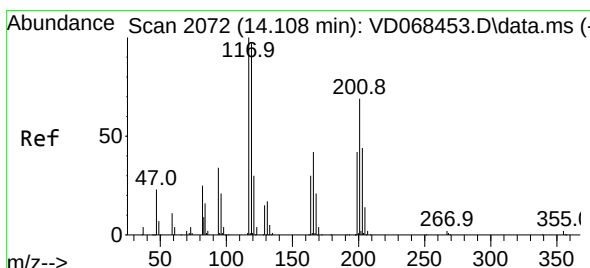
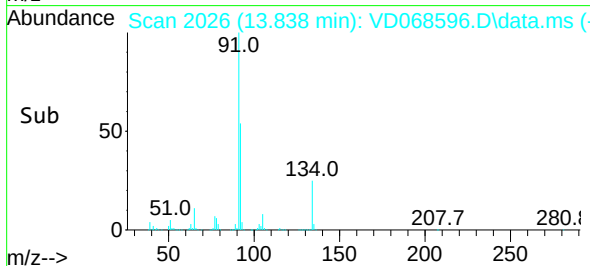
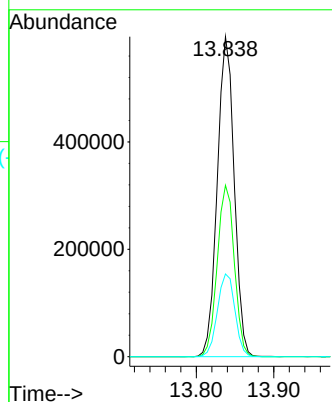
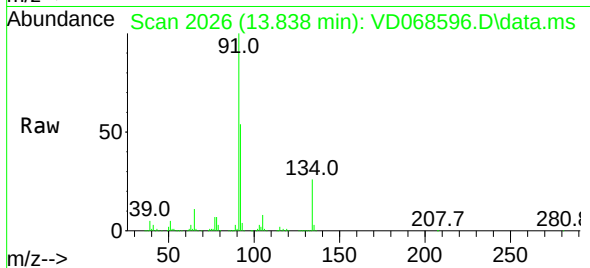
#89
n-Butylbenzene
Concen: 49.86 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 903591
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 26.8 13.9 41.7

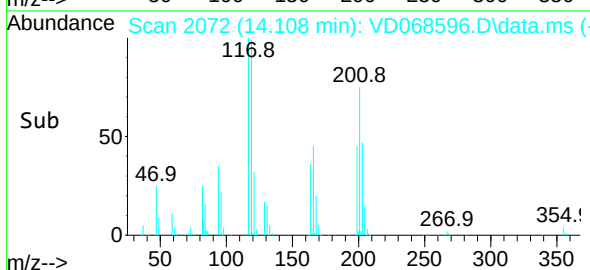
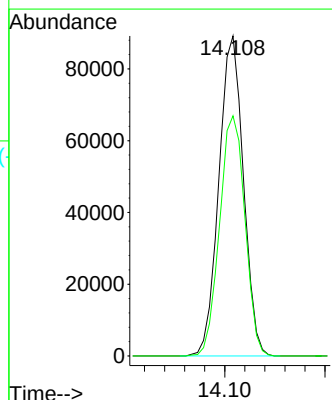
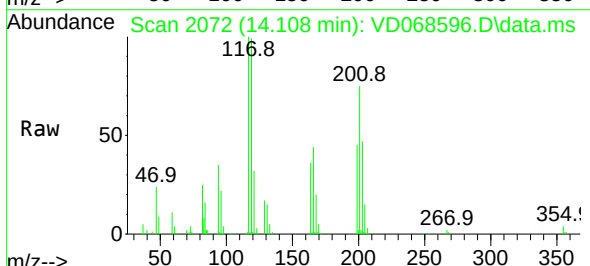
Manual Integrations
APPROVED

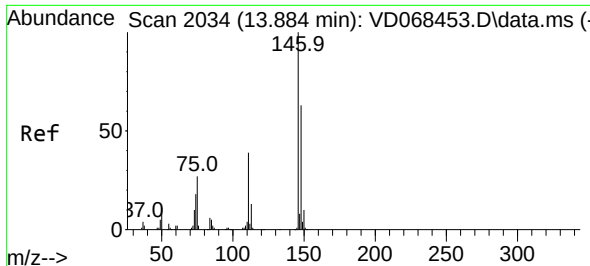
MMDadoda
3/15/2021 12:39:45 PM



#90
Hexachloroethane
Concen: 40.45 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 117 Resp: 151030
Ion Ratio Lower Upper
117 100
201 77.6 39.5 118.5





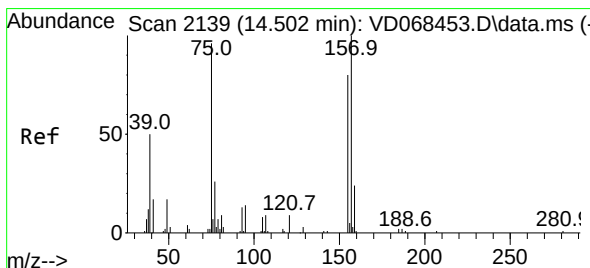
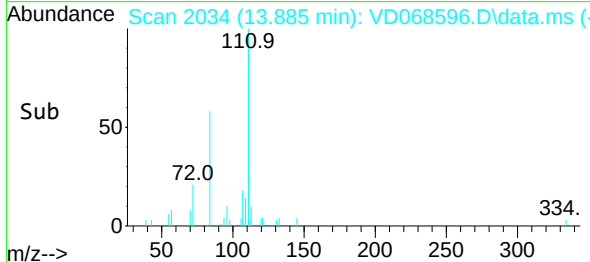
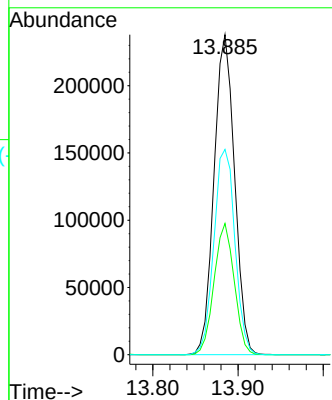
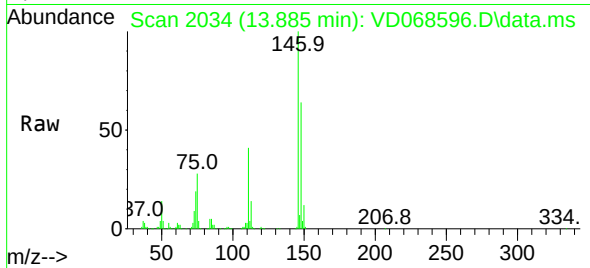
#91
1,2-Dichlorobenzene
Concen: 50.22 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 146 Resp: 398645
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 66.0 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

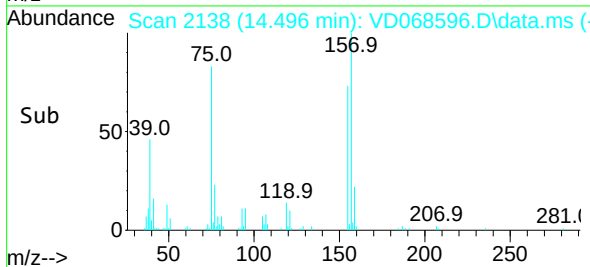
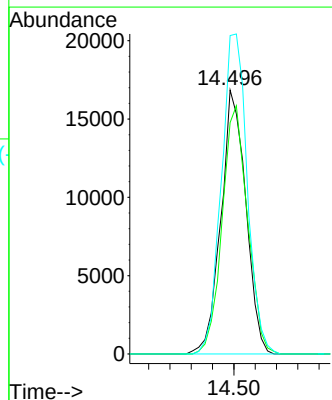
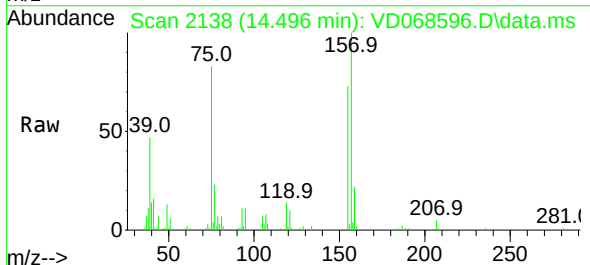
Manual Integrations
APPROVED

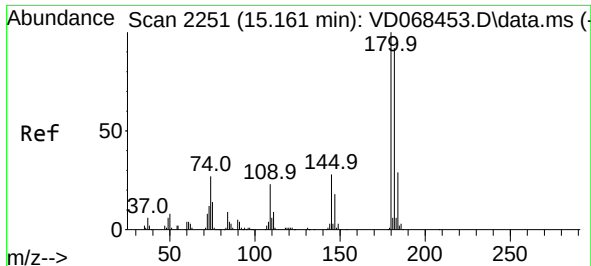
MMDadoda
3/15/2021 12:39:45 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.86 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion: 75 Resp: 27291
Ion Ratio Lower Upper
75 100
155 96.0 48.0 144.2
157 126.2 65.0 194.8





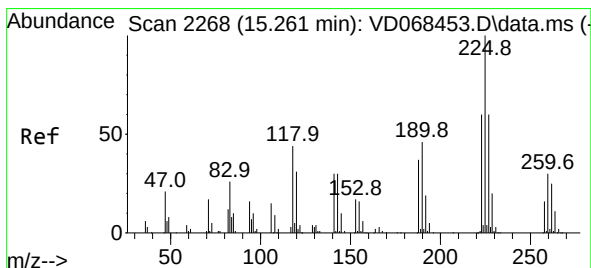
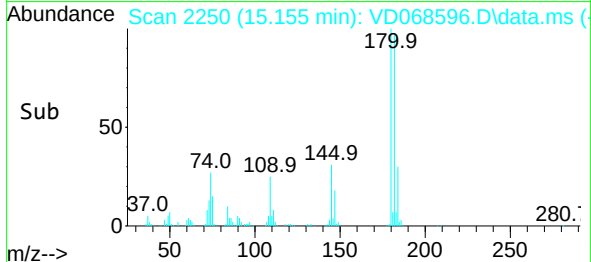
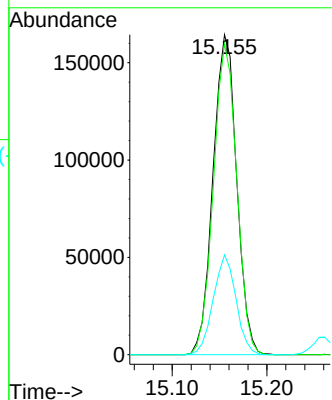
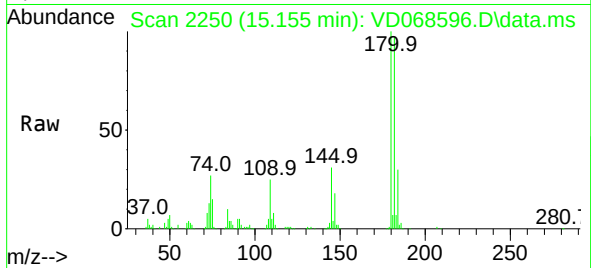
#93
1,2,4-Trichlorobenzene
Concen: 46.49 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.8	140.4
145	29.9	15.2	45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

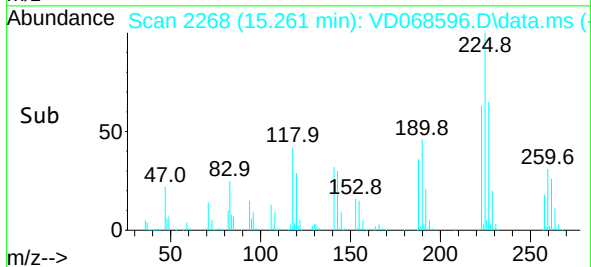
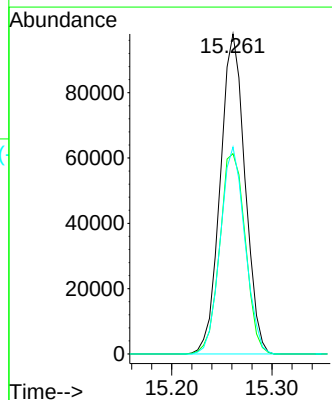
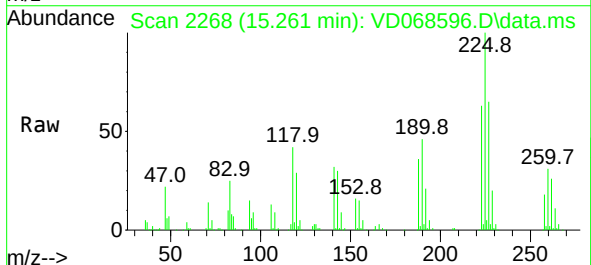
Manual Integrations
APPROVED

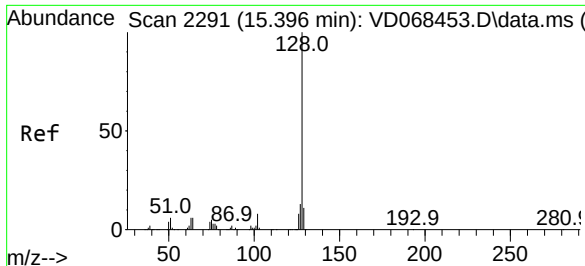
MMDadoda
3/15/2021 12:39:45 PM



#94
Hexachlorobutadiene
Concen: 49.28 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.5
227	64.5	32.1	96.5





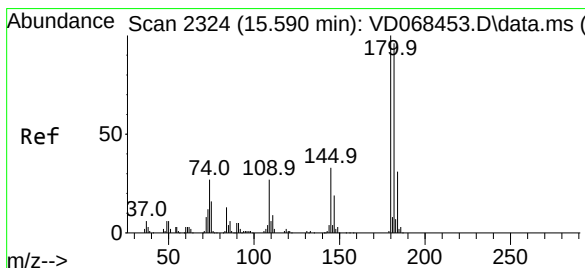
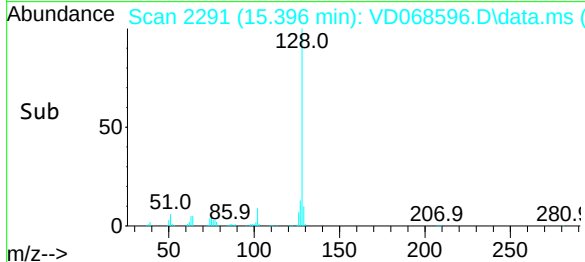
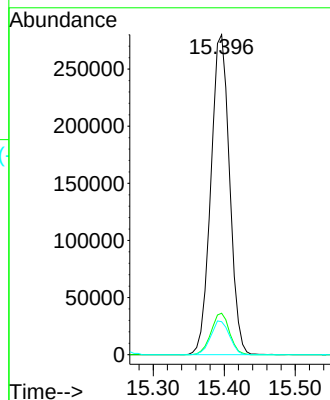
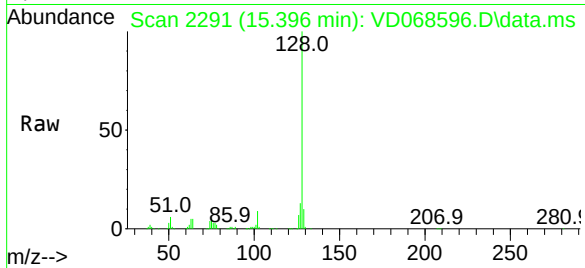
#95
Naphthalene
Concen: 46.02 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:128 Resp: 510888
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.66 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.005 min
Lab File: VD068596.D
Acq: 12 Mar 2021 09:58

Tgt Ion:180 Resp: 237074
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 31.0 16.7 50.1

