

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068612.D
 Acq On : 12 Mar 2021 17:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:39:52 PM

Quant Time: Mar 12 23:37:25 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	229571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	388947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	372470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	219014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120089	52.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.70%			
35) Dibromofluoromethane	7.914	113	127702	54.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.00%			
50) Toluene-d8	10.338	98	467220	50.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.12%			
62) 4-Bromofluorobenzene	12.632	95	163440	54.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	109515	49.16	ug/l	96
3) Chloromethane	2.209	50	141056	50.10	ug/l	100
4) Vinyl Chloride	2.350	62	172194	51.51	ug/l	95
5) Bromomethane	2.768	94	125887	52.88	ug/l	95
6) Chloroethane	2.921	64	115742	53.54	ug/l	98
7) Trichlorofluoromethane	3.273	101	212424	55.70	ug/l	100
8) Diethyl Ether	3.709	74	68514	60.34	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	130133	56.01	ug/l	95
10) Methyl Iodide	4.303	142	151786	54.39	ug/l	93
11) Tert butyl alcohol	5.238	59	36121	294.95	ug/l #	91
12) 1,1-Dichloroethene	4.073	96	125868	54.59	ug/l	98
13) Acrolein	3.921	56	38635	220.73	ug/l	95
14) Allyl chloride	4.720	41	163455	54.91	ug/l	98
15) Acrylonitrile	5.420	53	135588	282.93	ug/l	98
16) Acetone	4.162	43	100178	274.96	ug/l #	89
17) Carbon Disulfide	4.409	76	396543	52.50	ug/l	99
18) Methyl Acetate	4.720	43	62876	66.96	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	277729	55.56	ug/l	94
20) Methylene Chloride	4.973	84	173154	64.78	ug/l	99
21) trans-1,2-Dichloroethene	5.468	96	138126	50.18	ug/l	99
22) Diisopropyl ether	6.367	45	346542	52.86	ug/l	95
23) Vinyl Acetate	6.309	43	916612	269.51	ug/l	99
24) 1,1-Dichloroethane	6.267	63	234307	52.14	ug/l	99
25) 2-Butanone	7.214	43	145127	277.10	ug/l	96
26) 2,2-Dichloropropane	7.214	77	186236	49.75	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	160567	53.13	ug/l	99
28) Bromochloromethane	7.550	49	92595	52.79	ug/l	85
29) Tetrahydrofuran	7.562	42	91285	268.42	ug/l	98
30) Chloroform	7.714	83	251662	53.04	ug/l	97
31) Cyclohexane	7.985	56	180427	43.25	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	211100	52.12	ug/l	96
36) 1,1-Dichloropropene	8.114	75	180900	48.93	ug/l	99
37) Ethyl Acetate	7.291	43	67859	55.32	ug/l	96
38) Carbon Tetrachloride	8.103	117	180071	51.84	ug/l	96
39) Methylcyclohexane	9.356	83	217421	47.68	ug/l	97
40) Benzene	8.350	78	552401	52.09	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068612.D
 Acq On : 12 Mar 2021 17:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:39:52 PM

Quant Time: Mar 12 23:37:25 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	7.532	41	39107m	54.92	ug/l	
42) 1,2-Dichloroethane	8.426	62	155968	55.93	ug/l	99
43) Isopropyl Acetate	8.456	43	131573	58.36	ug/l	98
44) Trichloroethene	9.114	130	154691	53.14	ug/l	98
45) 1,2-Dichloropropane	9.391	63	138734	54.72	ug/l	98
46) Dibromomethane	9.473	93	77213	55.98	ug/l	97
47) Bromodichloromethane	9.661	83	202383	56.73	ug/l	99
48) Methyl methacrylate	9.456	41	62804	52.26	ug/l #	83
49) 1,4-Dioxane	9.461	88	17466	1110.42	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	346196	293.45	ug/l	99
52) Toluene	10.403	92	363279	53.64	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	185538	56.27	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	219328	54.52	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	113354	59.39	ug/l	95
56) Ethyl methacrylate	10.661	69	129229	58.90	ug/l	97
57) 1,3-Dichloropropane	10.950	76	188208	56.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	320105	290.82	ug/l	94
59) 2-Hexanone	10.985	43	233000	296.30	ug/l	99
60) Dibromochloromethane	11.138	129	138943	58.80	ug/l	98
61) 1,2-Dibromoethane	11.250	107	103847	55.60	ug/l	94
64) Tetrachloroethene	10.879	164	122725	50.46	ug/l	98
65) Chlorobenzene	11.667	112	399859	52.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	145314	55.11	ug/l	98
67) Ethyl Benzene	11.744	91	706037	52.15	ug/l	98
68) m/p-Xylenes	11.850	106	544816	105.95	ug/l	98
69) o-Xylene	12.179	106	254891	53.82	ug/l	96
70) Styrene	12.191	104	450280	55.60	ug/l	98
71) Bromoform	12.361	173	81116	60.56	ug/l #	98
73) Isopropylbenzene	12.479	105	694825	42.77	ug/l	99
74) N-amyl acetate	12.285	43	127586	46.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	130910	46.84	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	90716m	46.66	ug/l	
77) Bromobenzene	12.761	156	173999	46.94	ug/l	95
78) n-propylbenzene	12.820	91	857262	44.17	ug/l	98
79) 2-Chlorotoluene	12.902	91	471238	43.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	605824	45.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	37870	45.45	ug/l	95
82) 4-Chlorotoluene	13.002	91	498510	43.98	ug/l	99
83) tert-Butylbenzene	13.220	119	497409	43.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	614618	46.10	ug/l	98
85) sec-Butylbenzene	13.397	105	754950	47.15	ug/l	98
86) p-Isopropyltoluene	13.514	119	723254	49.76	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	362523	50.63	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	365838	51.58	ug/l	99
89) n-Butylbenzene	13.838	91	662234	47.23	ug/l	99
90) Hexachloroethane	14.108	117	113588	39.32	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	321522	52.36	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	23164	47.02	ug/l	91
93) 1,2,4-Trichlorobenzene	15.155	180	225579	47.56	ug/l	98
94) Hexachlorobutadiene	15.261	225	121638	46.21	ug/l	99
95) Naphthalene	15.396	128	412062	47.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	180842	44.04	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
Data File : VD068612.D
Acq On : 12 Mar 2021 17:54
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM

Quant Time: Mar 12 23:37:25 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

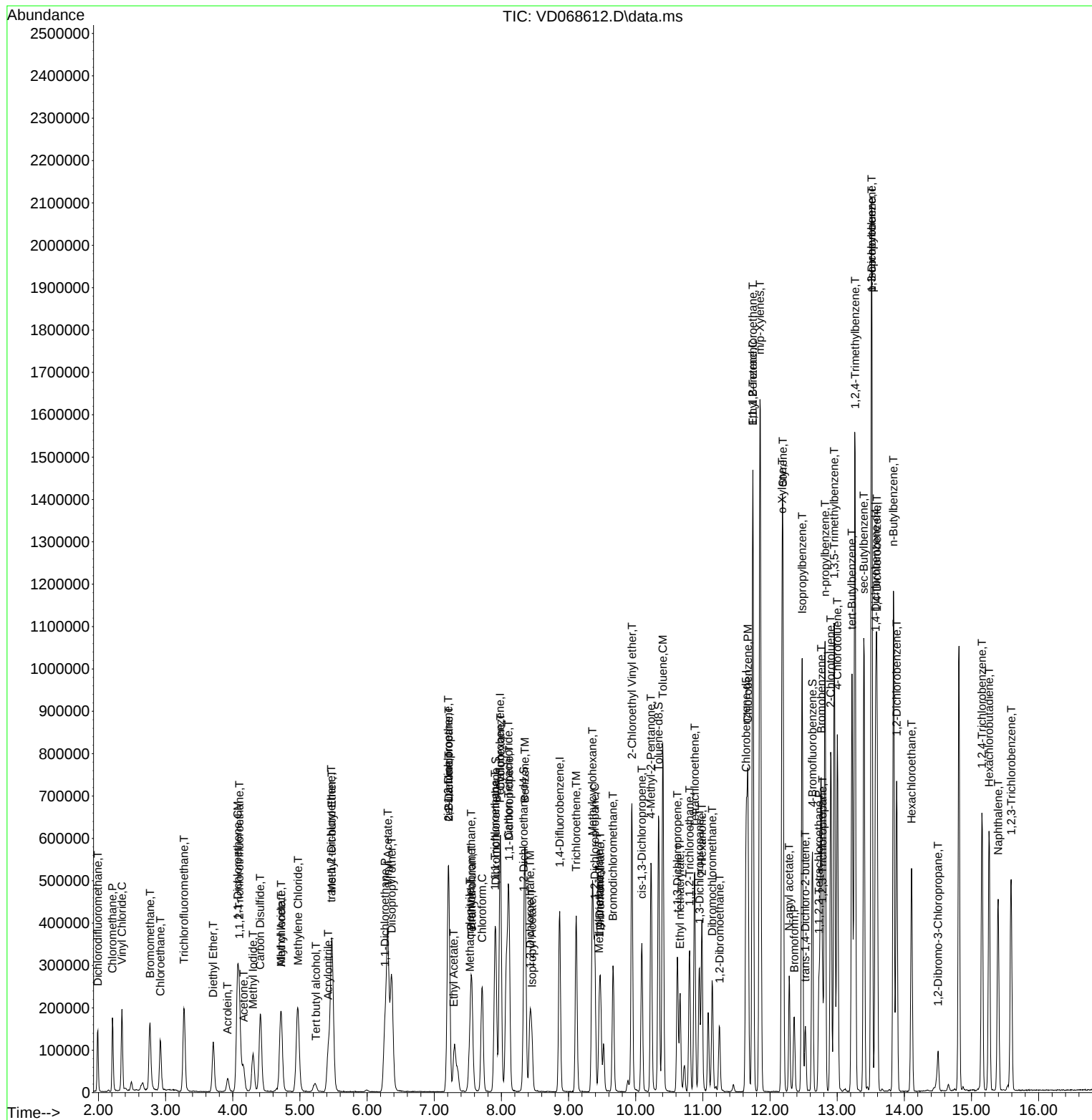
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068612.D
 Acq On : 12 Mar 2021 17:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

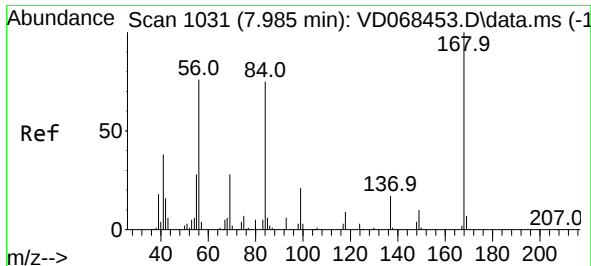
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

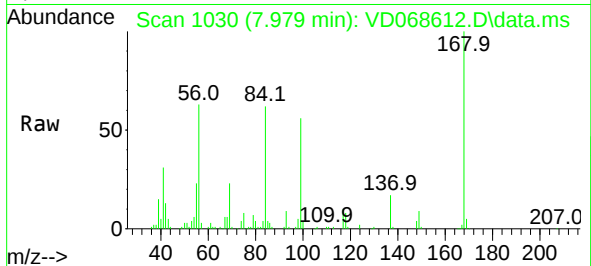
MMDadoda
 3/15/2021 12:39:52 PM

Quant Time: Mar 12 23:37:25 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

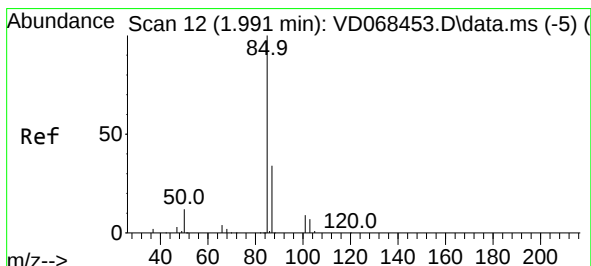
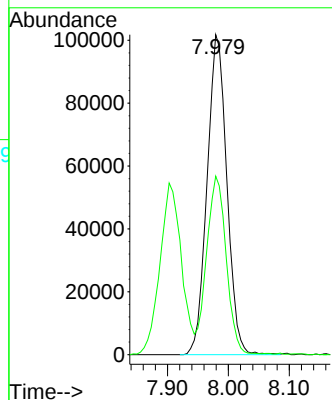
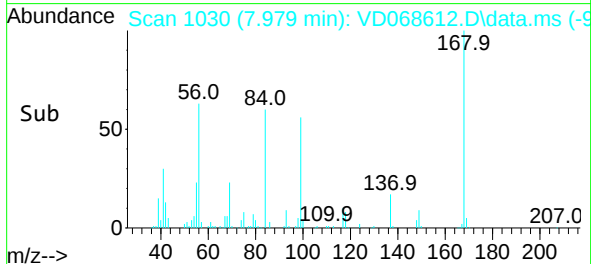




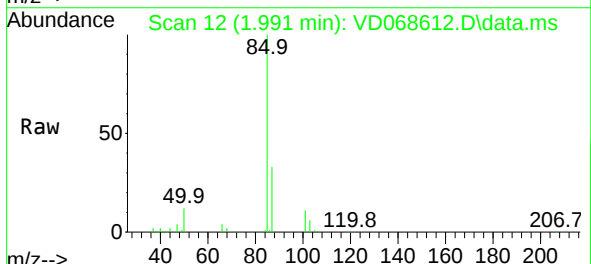
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



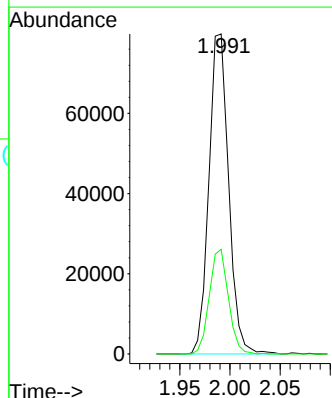
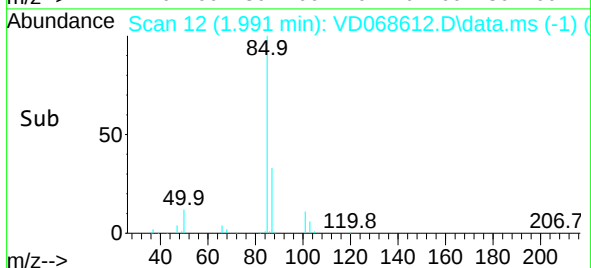
Tgt Ion: 168 Resp: 229571
Ion Ratio Lower Upper
168 100
99 55.3 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 49.16 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



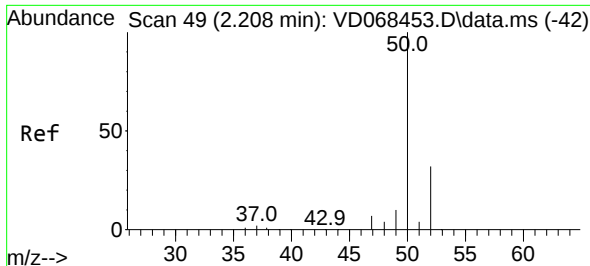
Tgt Ion: 85 Resp: 109515
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



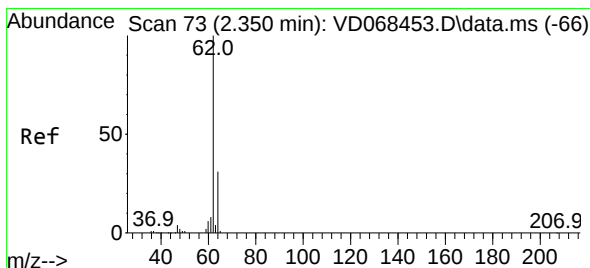
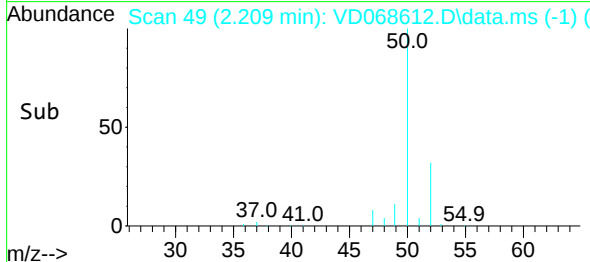
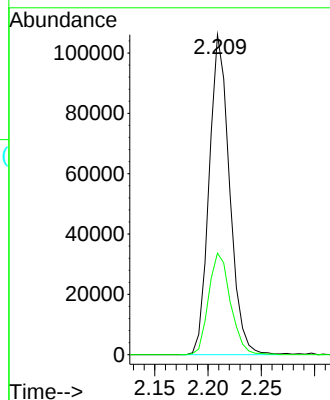
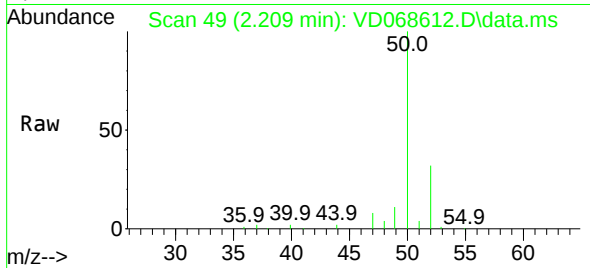
#3
Chloromethane
Concen: 50.10 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 50 Resp: 141056
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

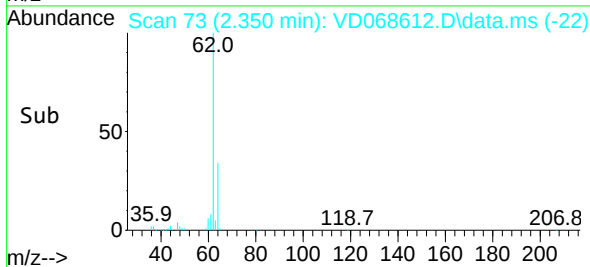
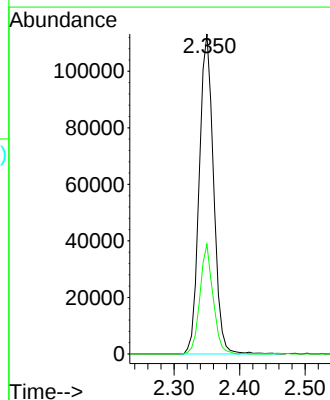
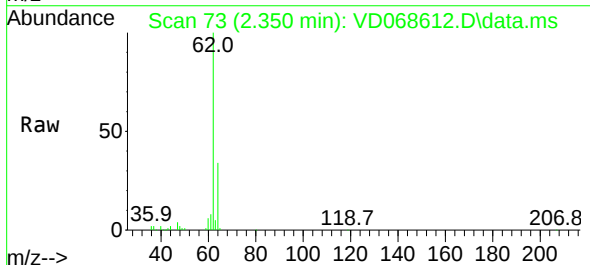
Manual Integrations
APPROVED

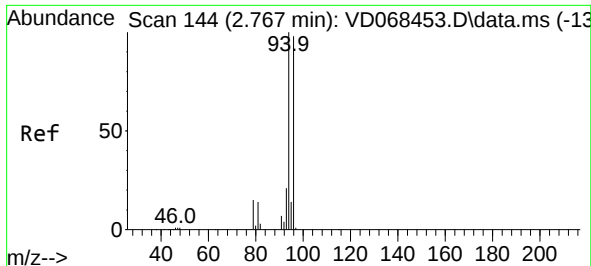
MMDadoda
3/15/2021 12:39:52 PM



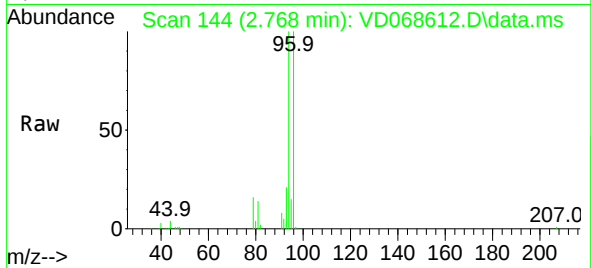
#4
Vinyl Chloride
Concen: 51.51 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 62 Resp: 172194
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.2

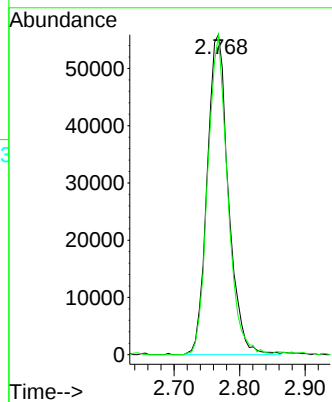
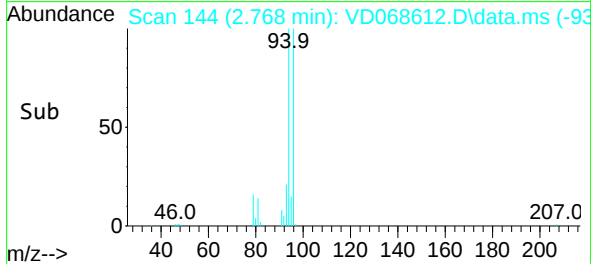




#5
Bromomethane
Concen: 52.88 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



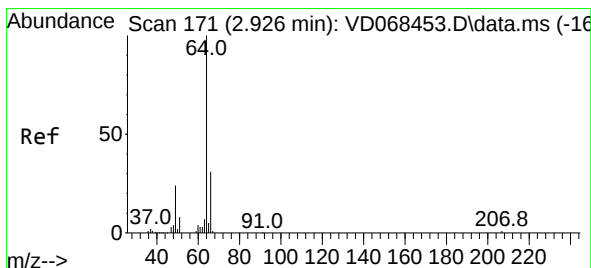
Tgt Ion: 94 Resp: 125887
Ion Ratio Lower Upper
94 100
96 99.8 75.8 113.8



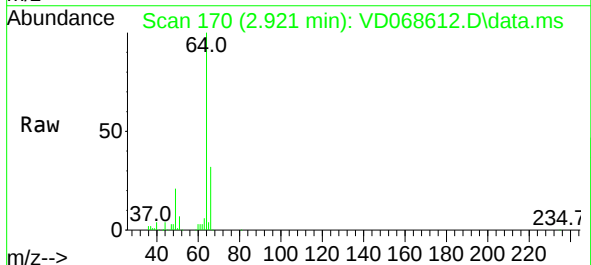
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

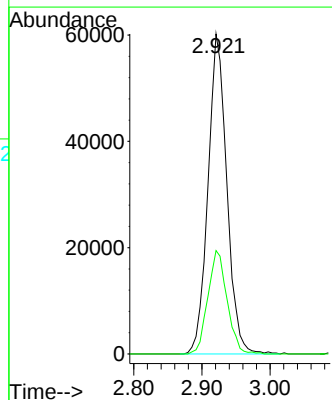
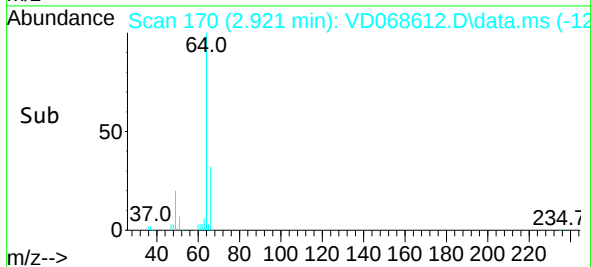
MMDadoda
3/15/2021 12:39:52 PM

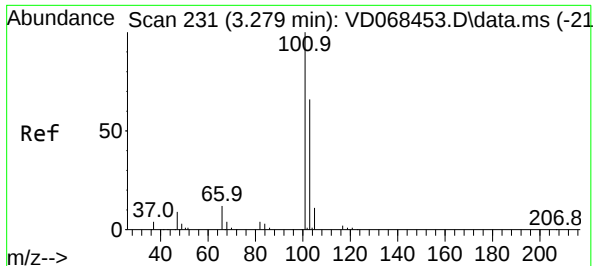


#6
Chloroethane
Concen: 53.54 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion: 64 Resp: 115742
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





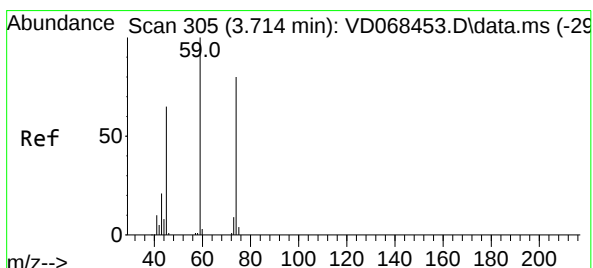
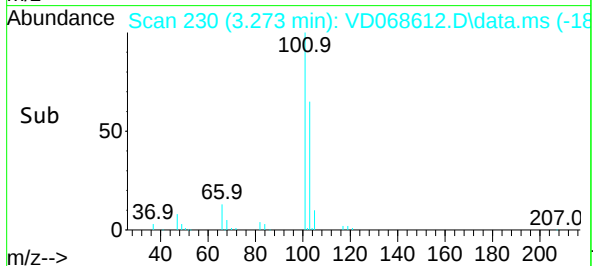
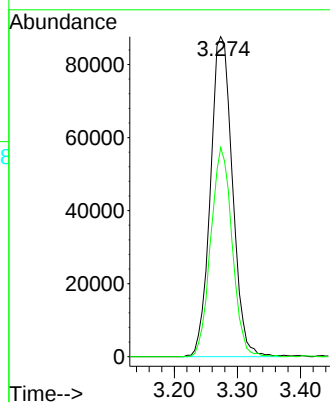
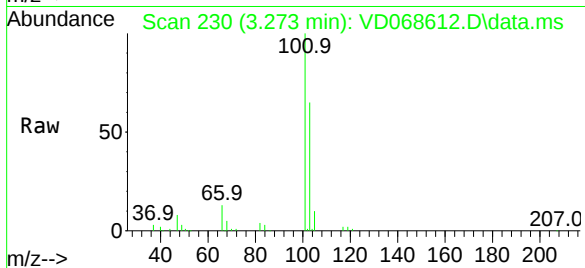
#7
Trichlorofluoromethane
Concen: 55.70 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:101 Resp: 212424
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

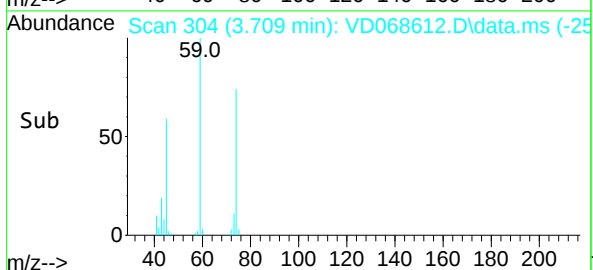
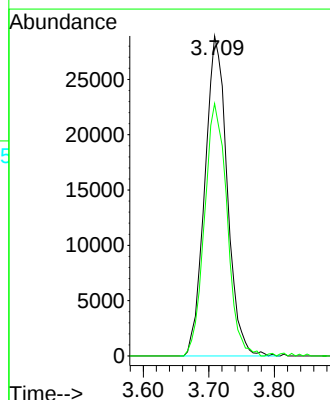
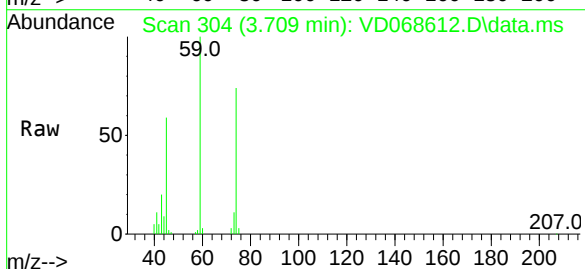
Manual Integrations
APPROVED

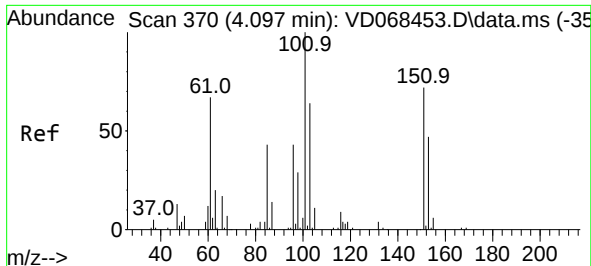
MMDadoda
3/15/2021 12:39:52 PM



#8
Diethyl Ether
Concen: 60.34 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 74 Resp: 68514
Ion Ratio Lower Upper
74 100
45 79.5 42.1 126.4





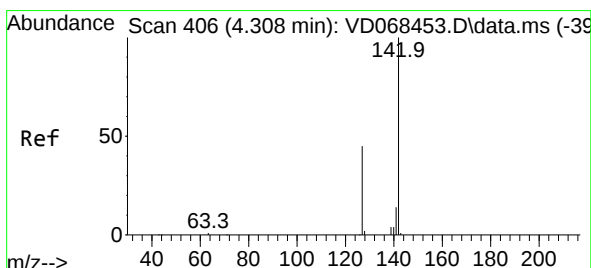
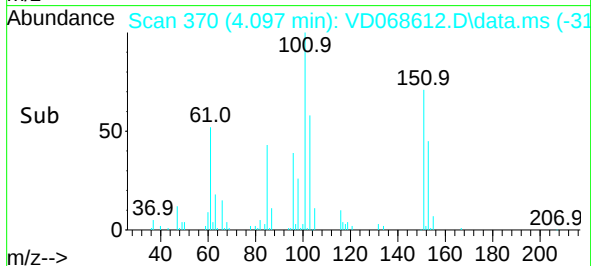
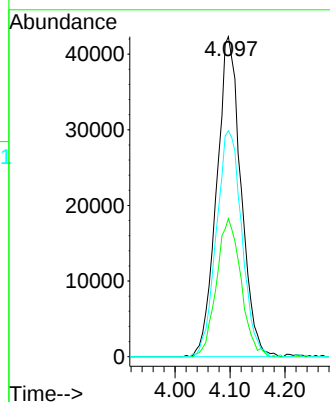
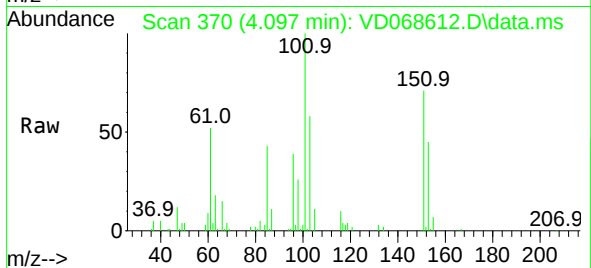
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.01 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:	101	Resp:	130133
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.0	51.0
151	73.8	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

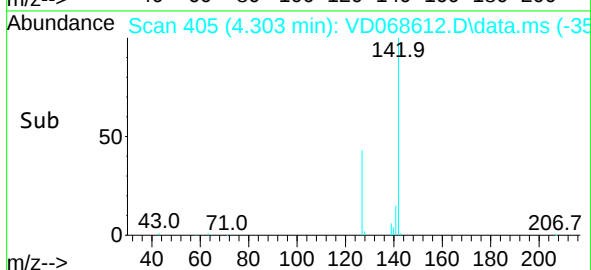
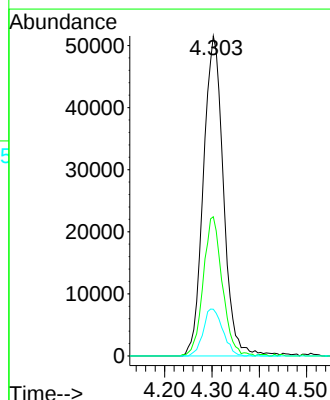
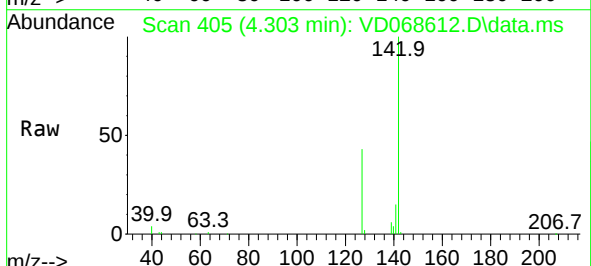
Manual Integrations
APPROVED

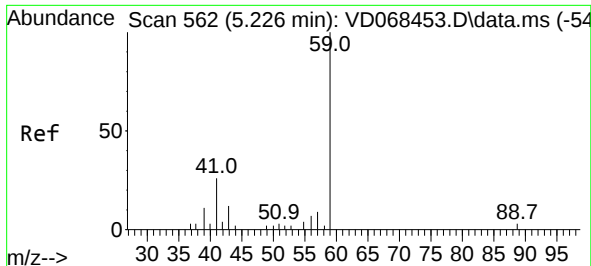
MMDadoda
3/15/2021 12:39:52 PM



#10
Methyl Iodide
Concen: 54.39 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

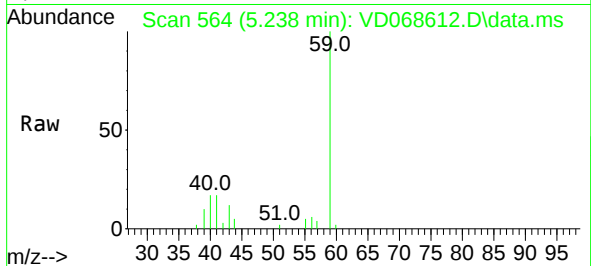
Tgt Ion:	142	Resp:	151786
Ion Ratio	Lower	Upper	
142	100		
127	41.4	37.9	56.9
141	14.3	11.5	17.3





#11
Tert butyl alcohol
Concen: 294.95 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

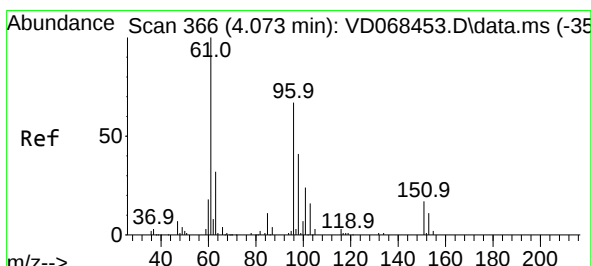
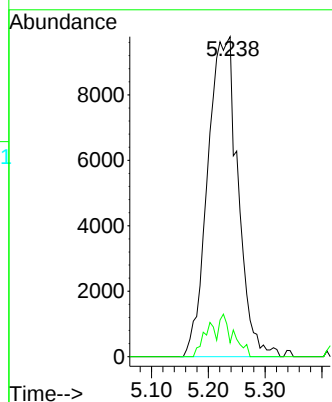
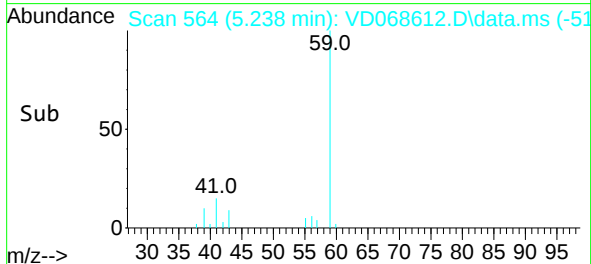
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



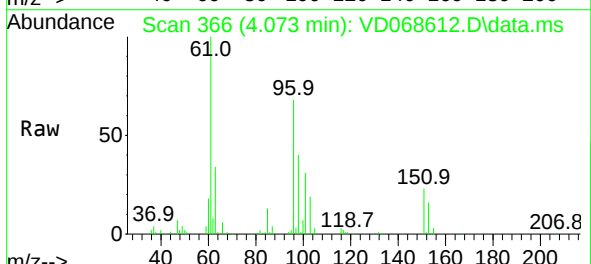
Tgt Ion: 59 Resp: 36121
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.2#

Manual Integrations
APPROVED

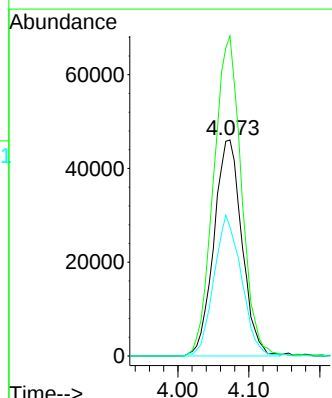
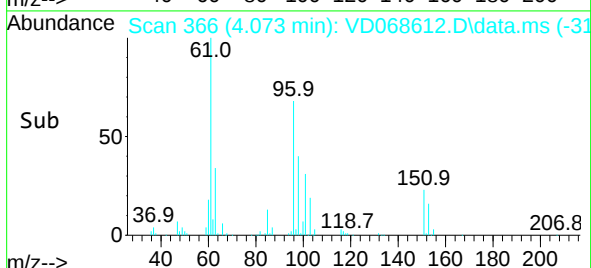
MMDadoda
3/15/2021 12:39:52 PM

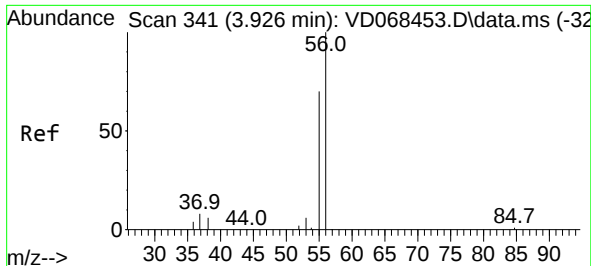


#12
1,1-Dichloroethene
Concen: 54.59 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



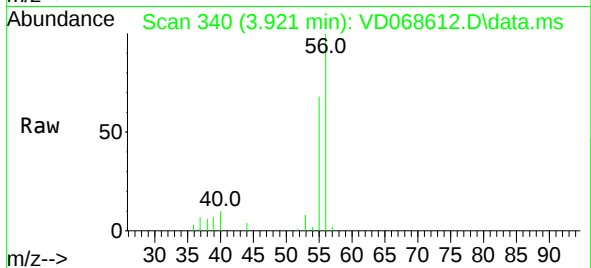
Tgt Ion: 96 Resp: 125868
Ion Ratio Lower Upper
96 100
61 148.1 116.2 174.4
98 59.9 48.6 73.0





#13
Acrolein
Concen: 220.73 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

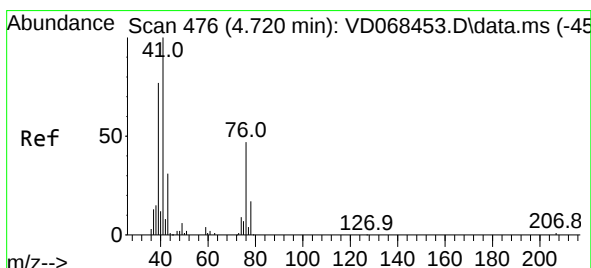
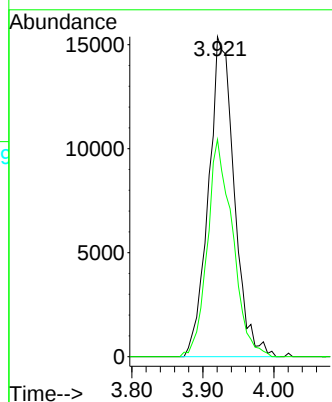
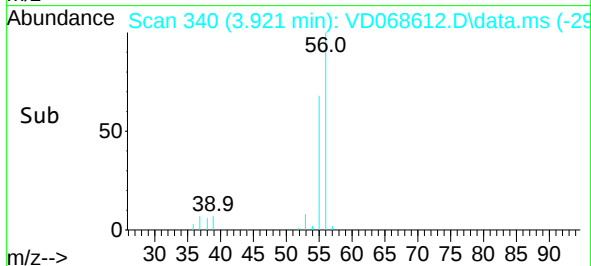
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



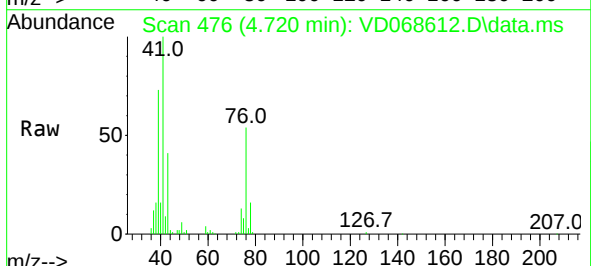
Tgt Ion: 56 Resp: 38635
Ion Ratio Lower Upper
56 100
55 66.7 56.5 84.7

Manual Integrations
APPROVED

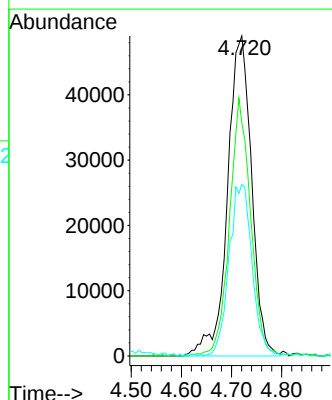
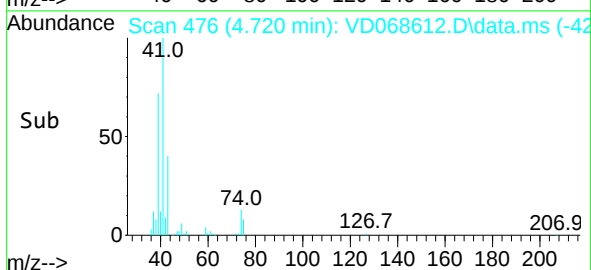
MMDadoda
3/15/2021 12:39:52 PM

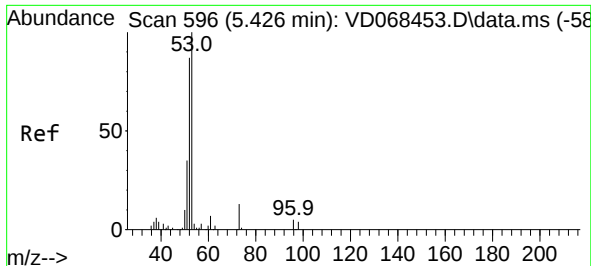


#14
Allyl chloride
Concen: 54.91 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

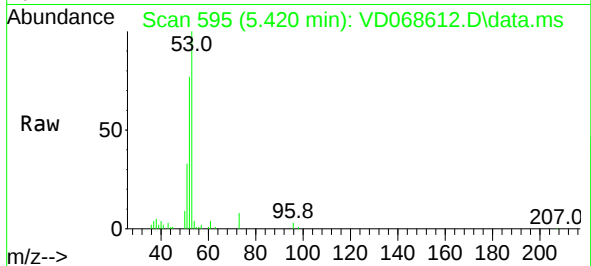


Tgt Ion: 41 Resp: 163455
Ion Ratio Lower Upper
41 100
39 70.7 56.3 84.5
76 51.4 38.9 58.3

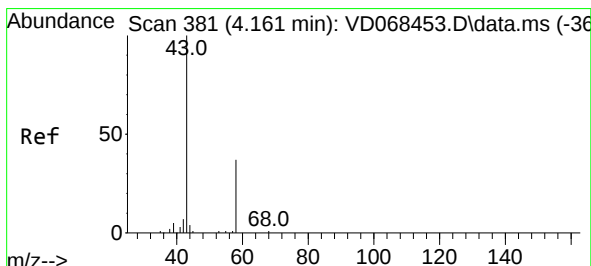
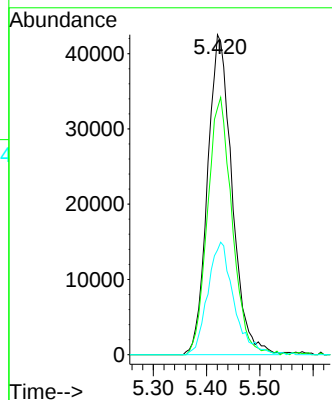
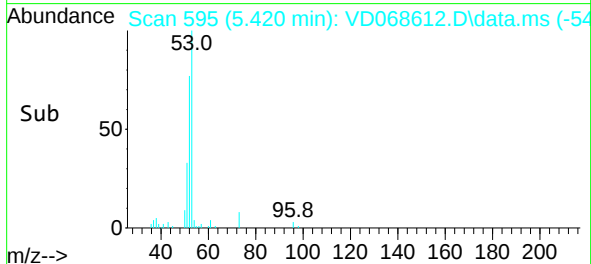




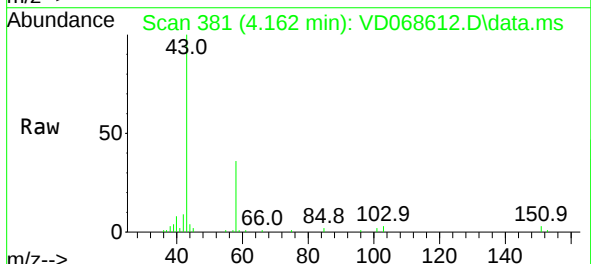
#15
Acrylonitrile
Concen: 282.93 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



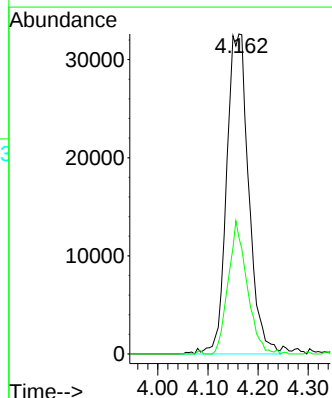
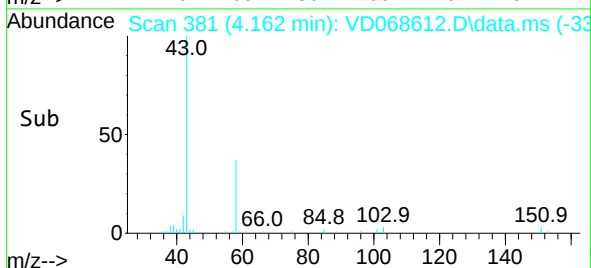
Tgt Ion: 53 Resp: 135588
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.2
51 37.3 29.0 43.4



#16
Acetone
Concen: 274.96 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



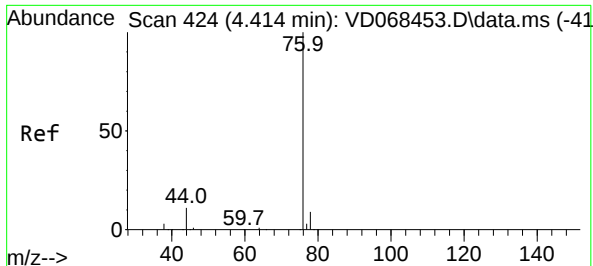
Tgt Ion: 43 Resp: 100178
Ion Ratio Lower Upper
43 100
58 36.4 24.2 36.4#



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



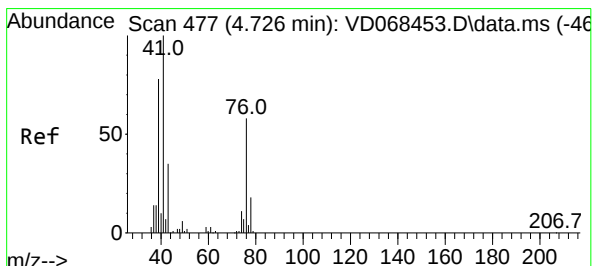
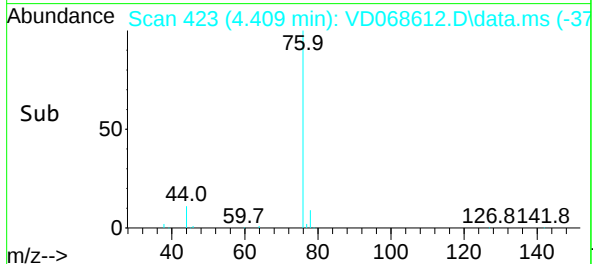
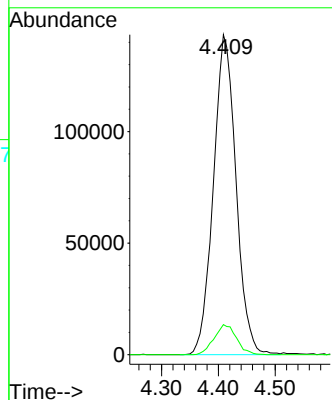
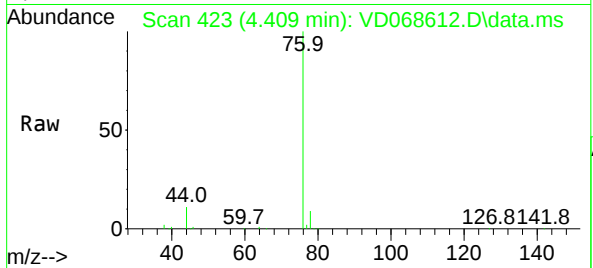
#17
Carbon Disulfide
Concen: 52.50 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 76 Resp: 396543
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

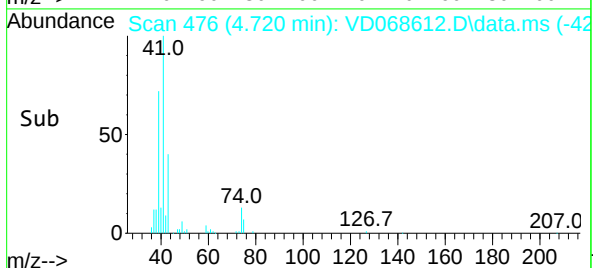
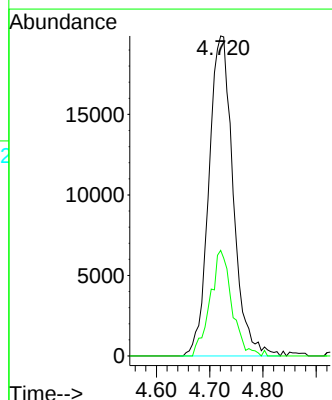
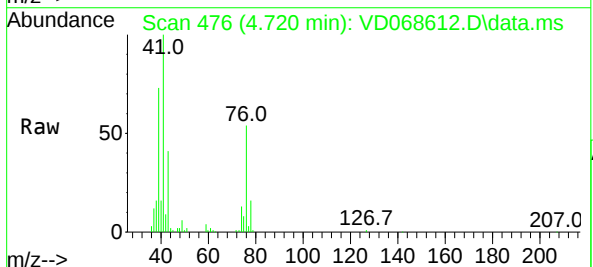
Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



#18
Methyl Acetate
Concen: 66.96 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

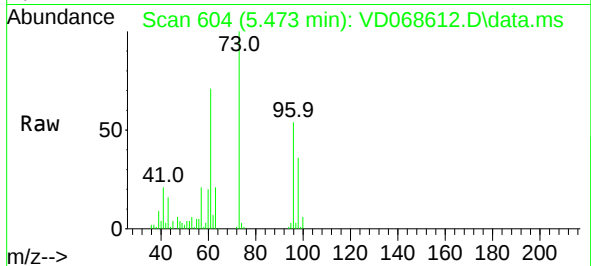
Tgt Ion: 43 Resp: 62876
Ion Ratio Lower Upper
43 100
74 29.6 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 55.56 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

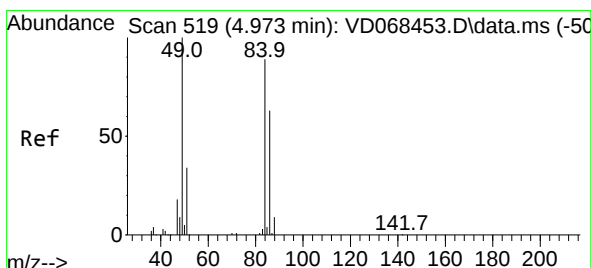
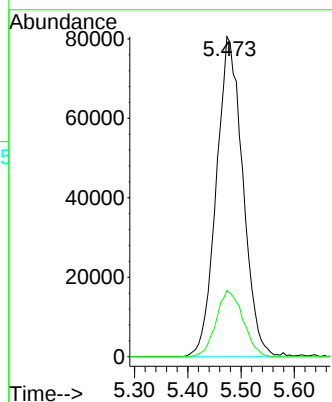
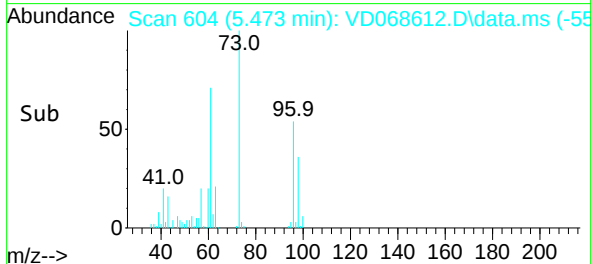
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



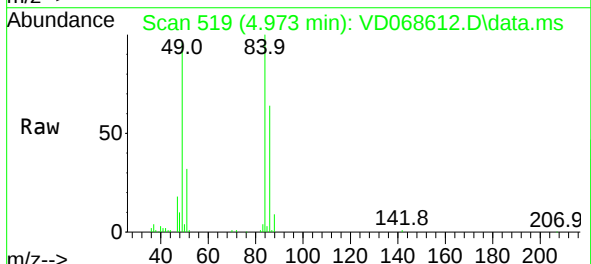
Tgt Ion: 73 Resp: 277729
Ion Ratio Lower Upper
73 100
57 20.7 14.4 21.6

Manual Integrations
APPROVED

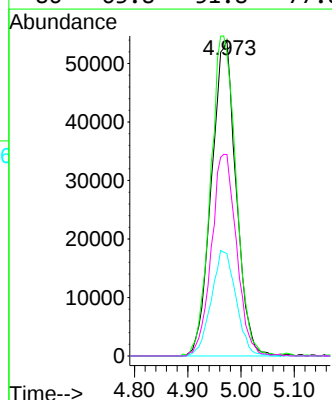
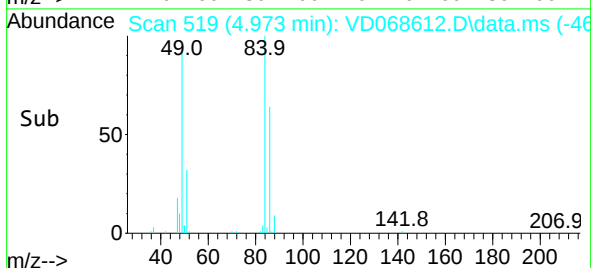
MMDadoda
3/15/2021 12:39:52 PM

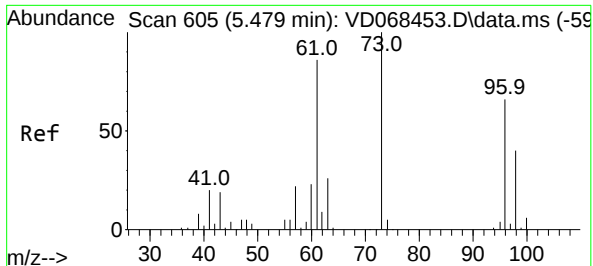


#20
Methylene Chloride
Concen: 64.78 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

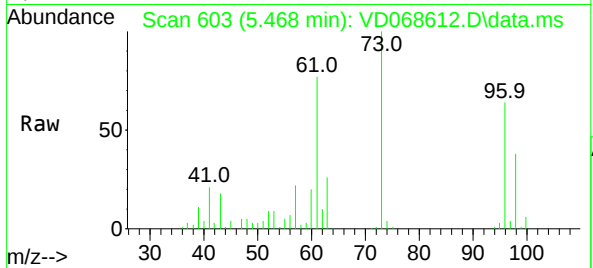


Tgt Ion: 84 Resp: 173154
Ion Ratio Lower Upper
84 100
49 96.0 77.4 116.2
51 32.4 26.1 39.1
86 63.8 51.8 77.8

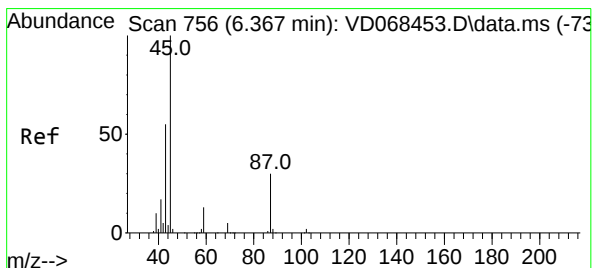
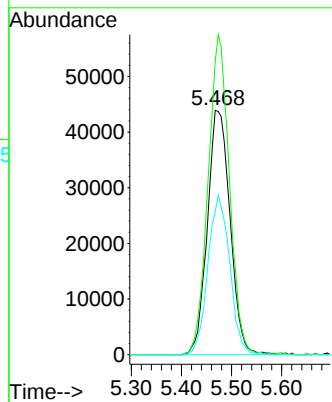
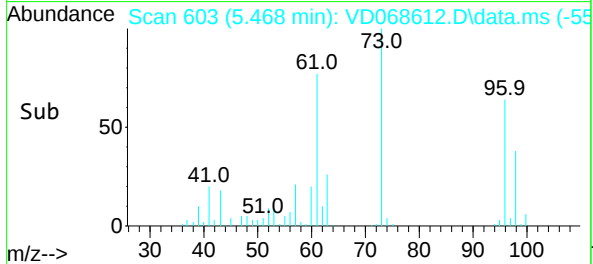




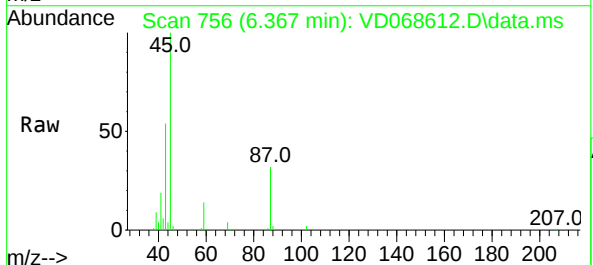
#21
trans-1,2-Dichloroethene
Concen: 50.18 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



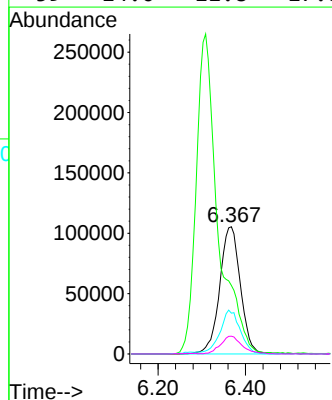
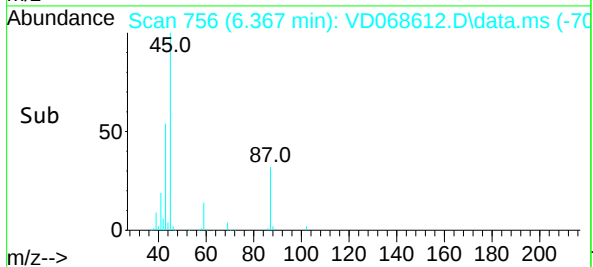
Tgt Ion: 96 Resp: 138126
Ion Ratio Lower Upper
96 100
61 120.2 96.7 145.1
98 58.5 47.6 71.4



#22
Diisopropyl ether
Concen: 52.86 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



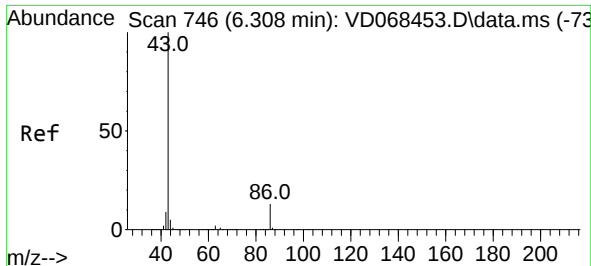
Tgt Ion: 45 Resp: 346542
Ion Ratio Lower Upper
45 100
43 53.0 43.9 65.9
87 31.9 29.9 44.9
59 14.0 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



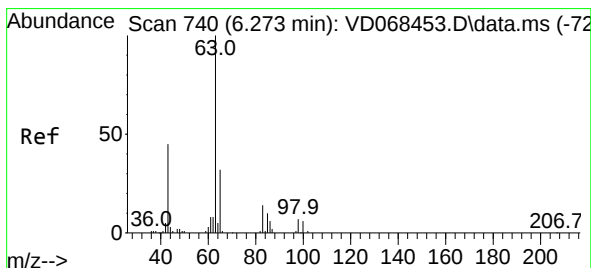
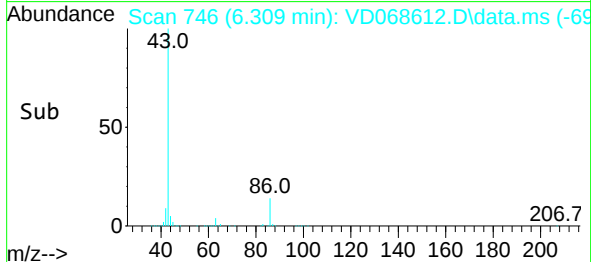
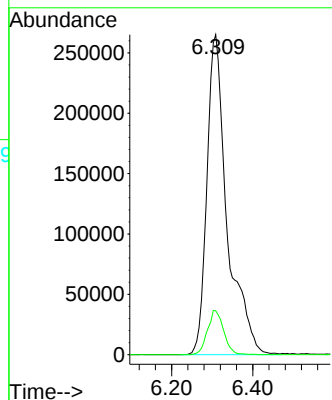
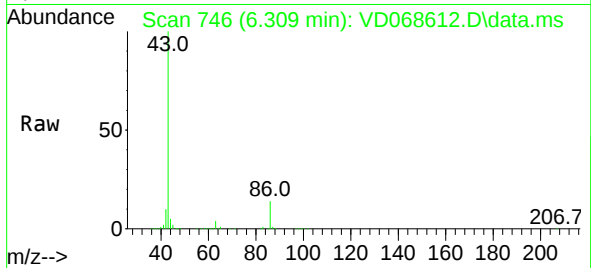
#23
 Vinyl Acetate
 Concen: 269.51 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54

Tgt Ion: 43 Resp: 916612
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

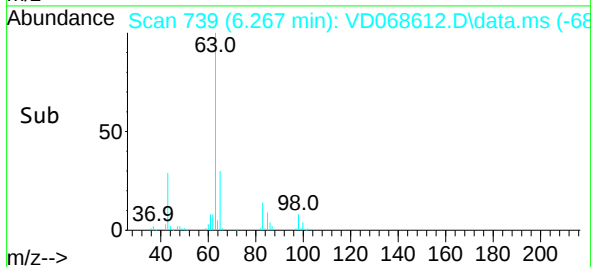
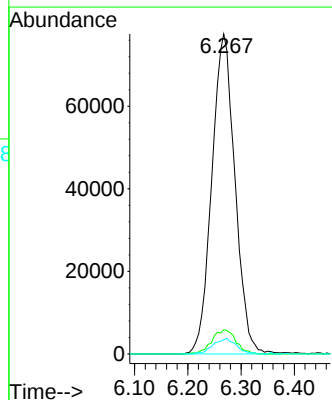
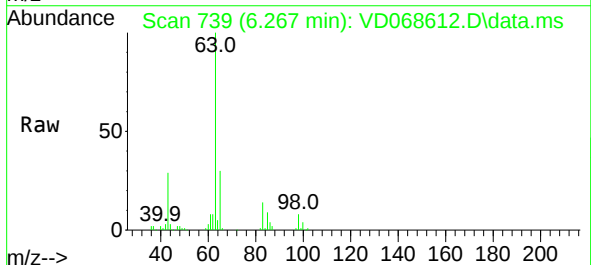
Manual Integrations
 APPROVED

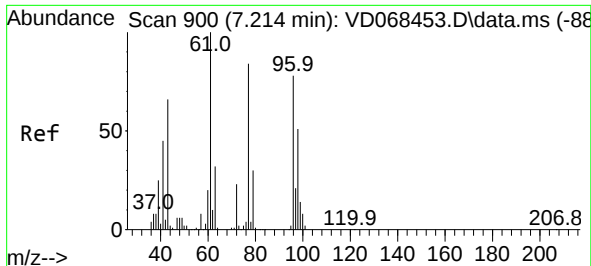
MMDadoda
 3/15/2021 12:39:52 PM



#24
 1,1-Dichloroethane
 Concen: 52.14 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54

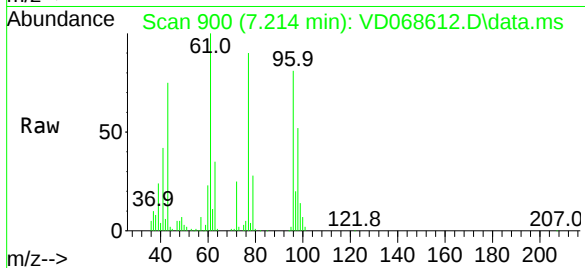
Tgt Ion: 63 Resp: 234307
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.4 2.6 8.0





#25
2-Butanone
Concen: 277.10 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

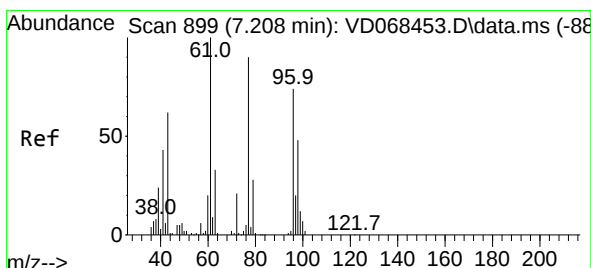
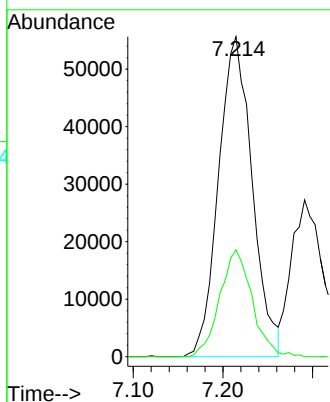
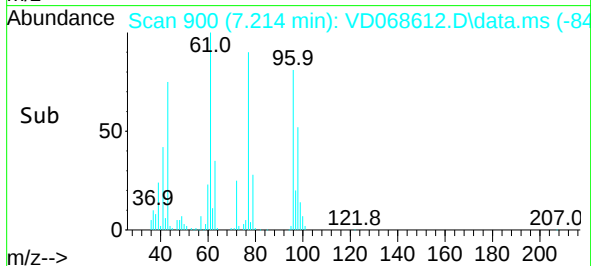
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



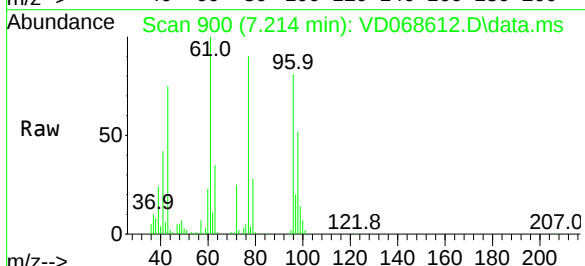
Tgt Ion: 43 Resp: 145127
Ion Ratio Lower Upper
43 100
72 33.4 25.1 37.7

Manual Integrations
APPROVED

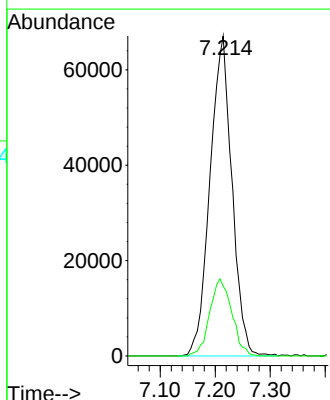
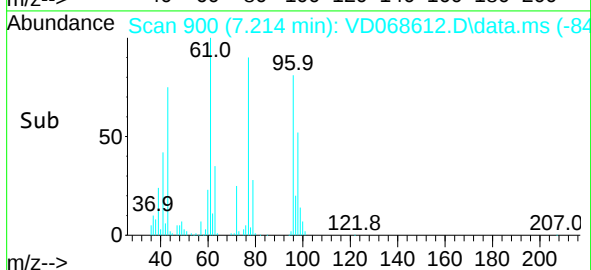
MMDadoda
3/15/2021 12:39:52 PM

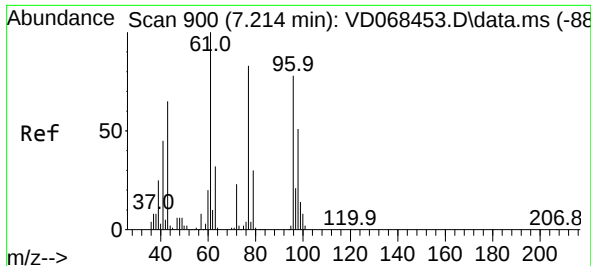


#26
2,2-Dichloropropane
Concen: 49.75 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



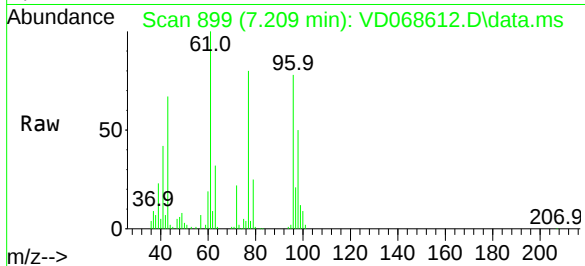
Tgt Ion: 77 Resp: 186236
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 53.13 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

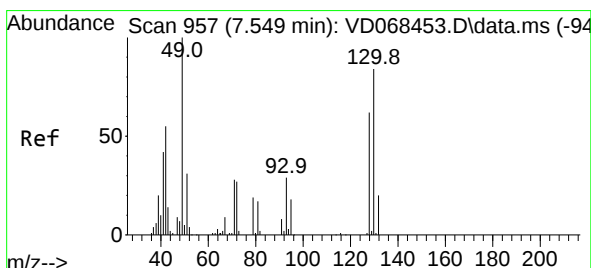
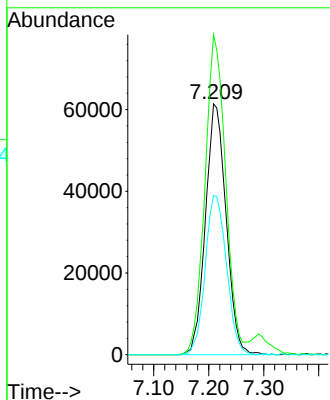
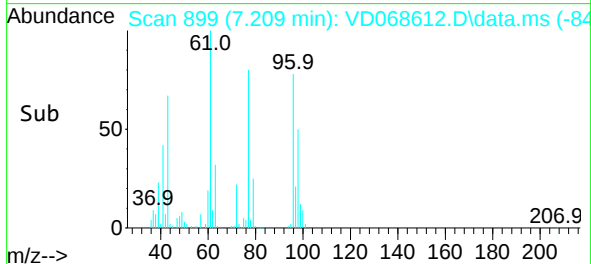
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



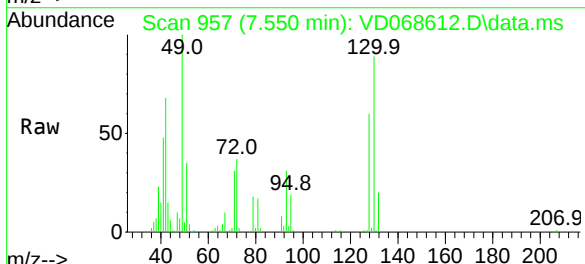
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	257.4
98	65.5	0.0	126.6

Manual Integrations
APPROVED

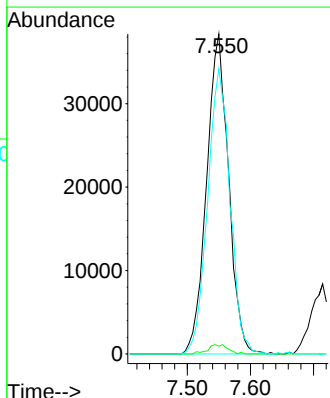
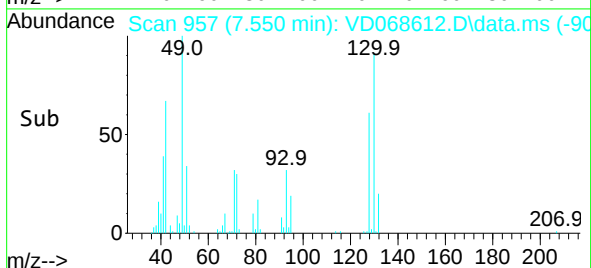
MMDadoda
3/15/2021 12:39:52 PM

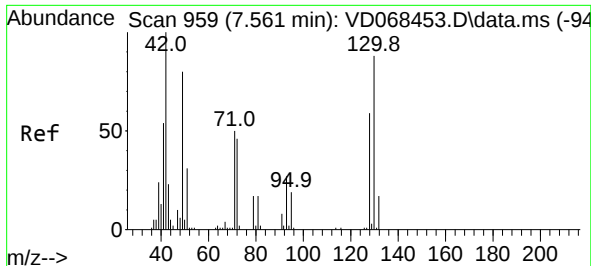


#28
Bromochloromethane
Concen: 52.79 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	91.3	85.5	128.3





#29

Tetrahydrofuran

Concen: 268.42 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068612.D

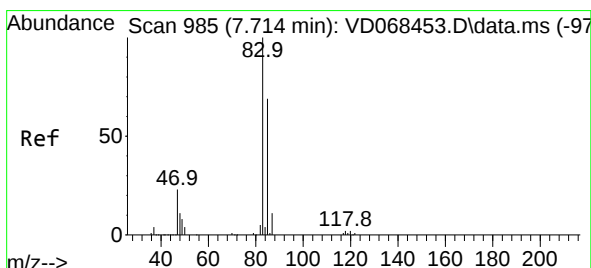
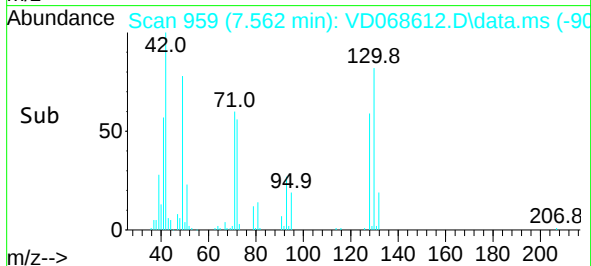
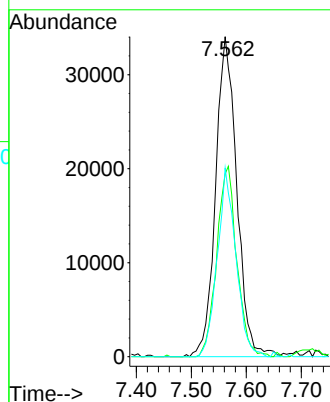
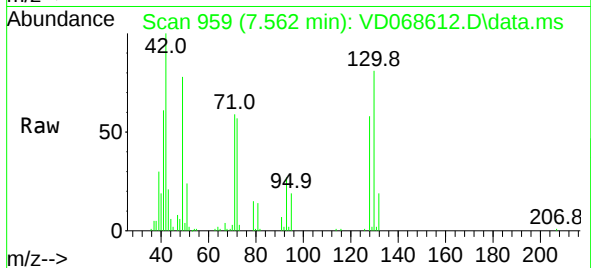
Acq: 12 Mar 2021 17:54

Tgt Ion:	42	Resp:	91285
Ion	Ratio	Lower	Upper
42	100		
72	56.2	43.4	65.0
71	51.9	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



#30

Chloroform

Concen: 53.04 ug/l

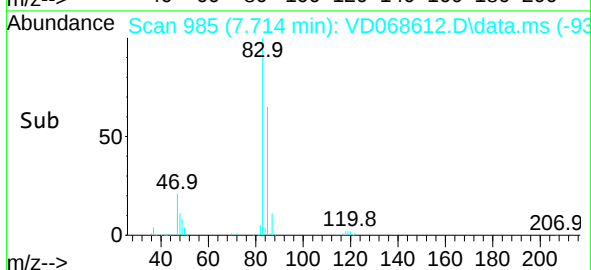
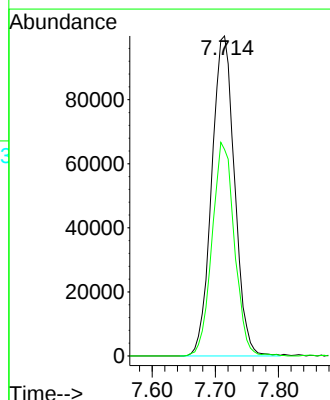
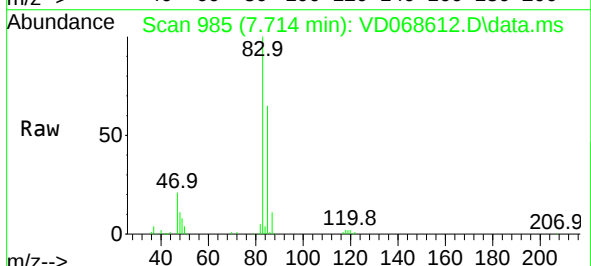
RT: 7.714 min Scan# 985

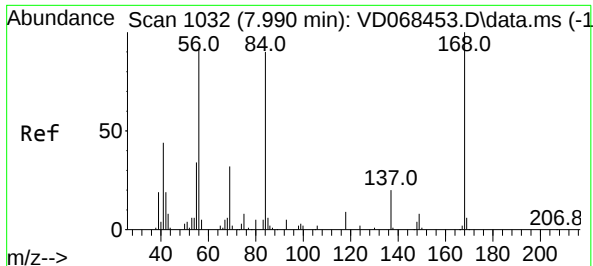
Delta R.T. 0.000 min

Lab File: VD068612.D

Acq: 12 Mar 2021 17:54

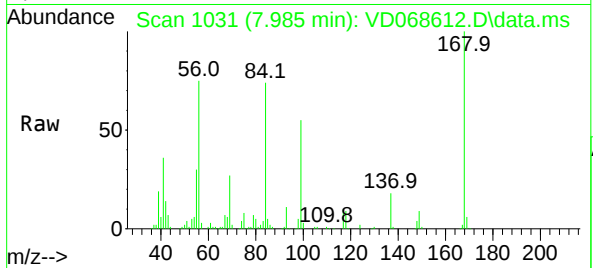
Tgt Ion:	83	Resp:	251662
Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.4	80.0





#31
Cyclohexane
Concen: 43.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

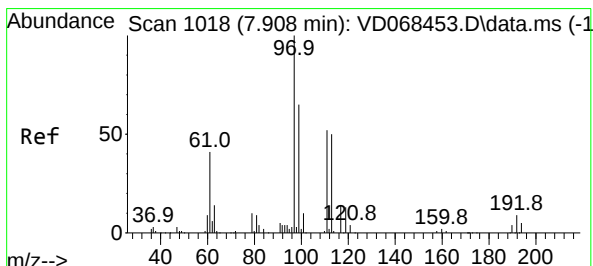
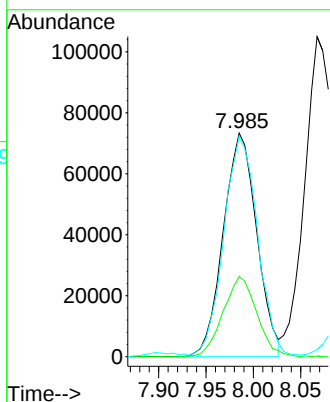
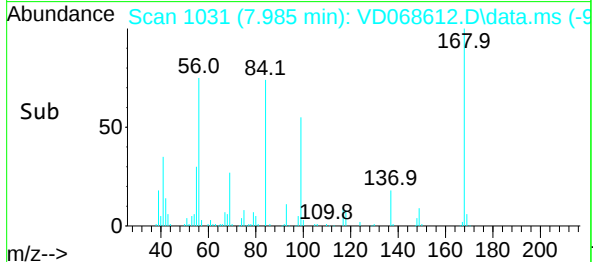
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



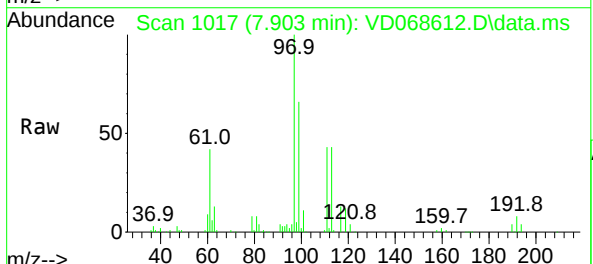
Tgt Ion: 56 Resp: 180427
Ion Ratio Lower Upper
56 100
69 35.9 30.1 45.1
84 97.4 82.1 123.1

Manual Integrations
APPROVED

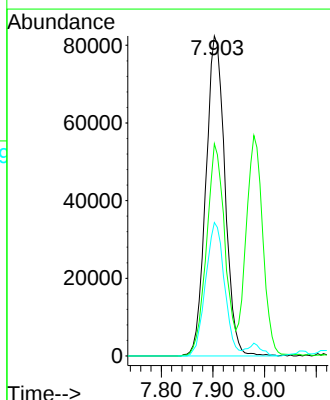
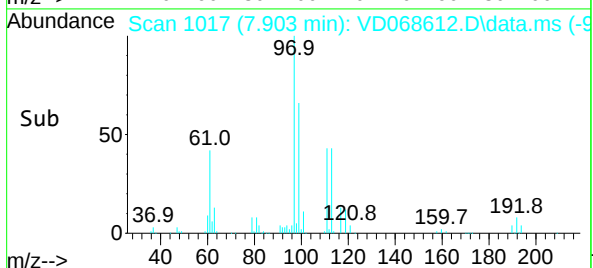
MMDadoda
3/15/2021 12:39:52 PM

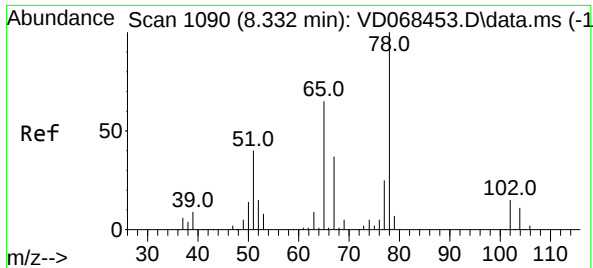


#32
1,1,1-Trichloroethane
Concen: 52.12 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion: 97 Resp: 211100
Ion Ratio Lower Upper
97 100
99 63.5 52.1 78.1
61 41.3 30.1 45.1





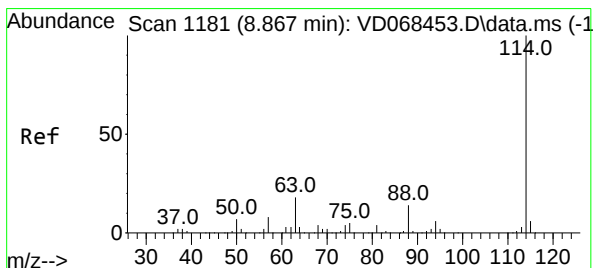
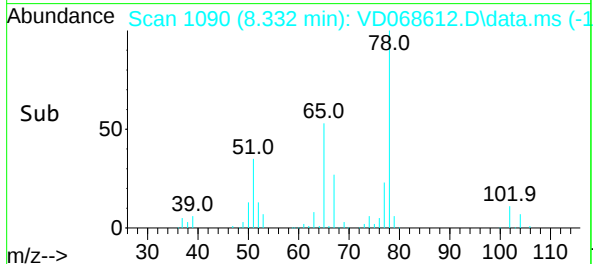
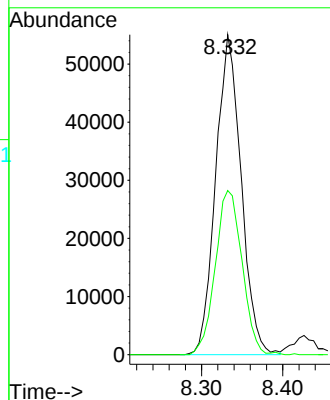
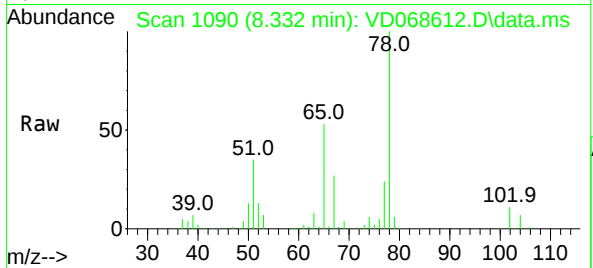
#33
1,2-Dichloroethane-d4
Concen: 52.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 65 Resp: 120089
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

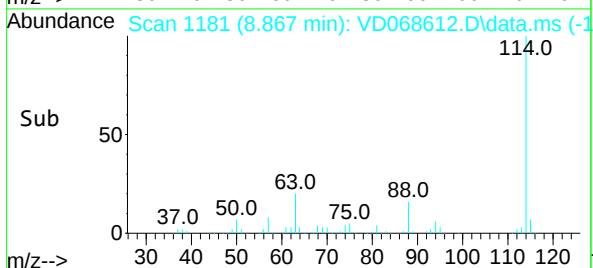
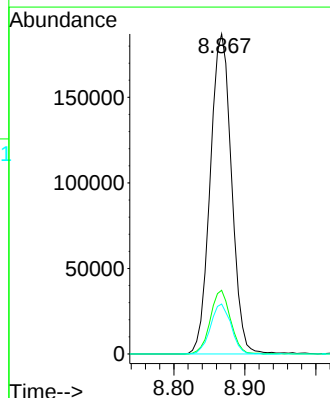
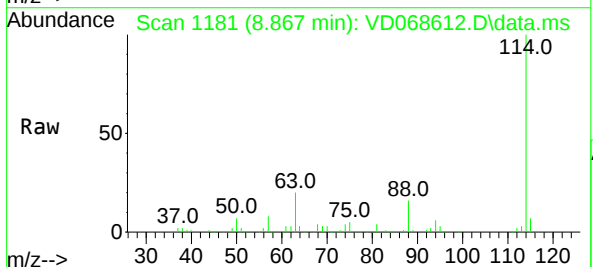
Manual Integrations
APPROVED

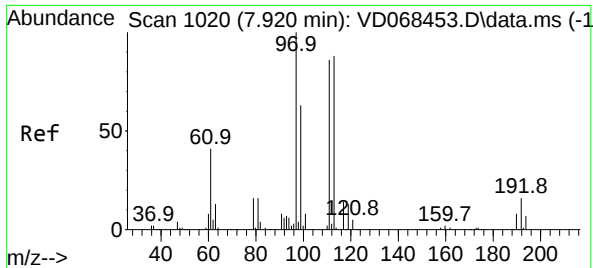
MMDadoda
3/15/2021 12:39:52 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

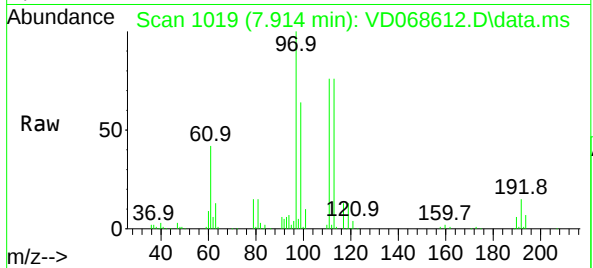
Tgt Ion: 114 Resp: 388947
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.6 0.0 31.6





#35
Dibromofluoromethane
Concen: 54.50 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

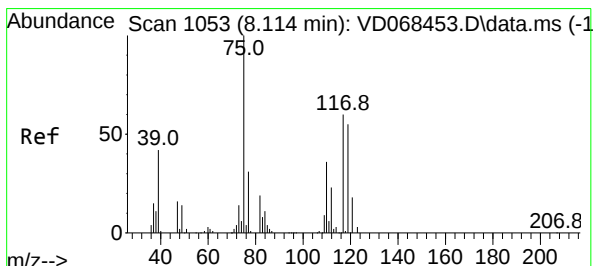
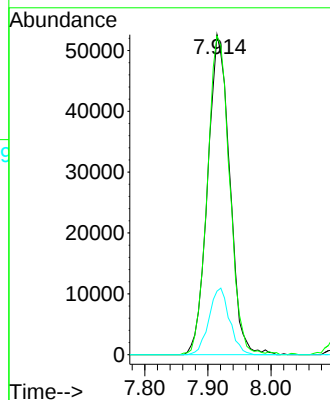
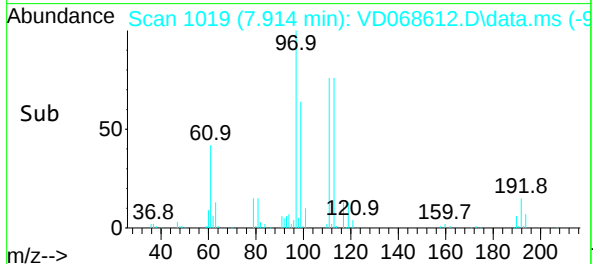
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



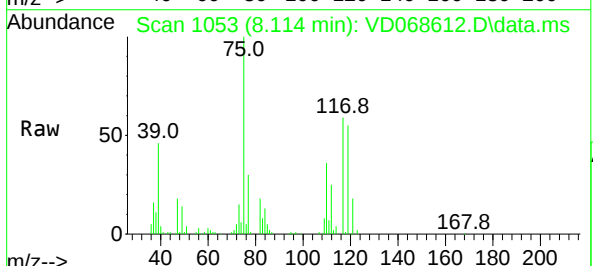
Tgt Ion:113 Resp: 127702
Ion Ratio Lower Upper
113 100
111 99.9 81.4 122.0
192 19.4 16.1 24.1

Manual Integrations
APPROVED

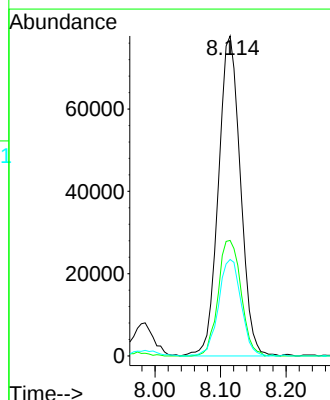
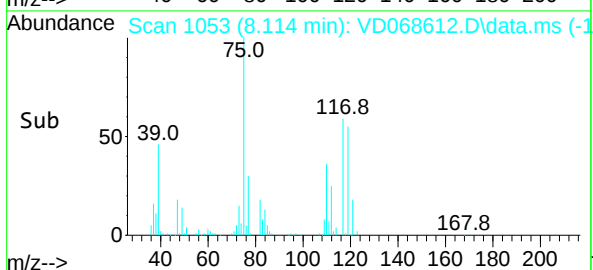
MMDadoda
3/15/2021 12:39:52 PM



#36
1,1-Dichloropropene
Concen: 48.93 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



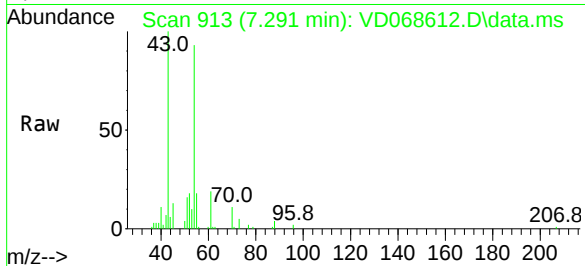
Tgt Ion: 75 Resp: 180900
Ion Ratio Lower Upper
75 100
110 37.7 19.4 58.2
77 31.0 25.3 37.9





#37
Ethyl Acetate
Concen: 55.32 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

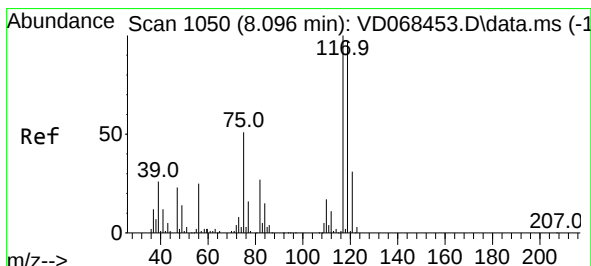
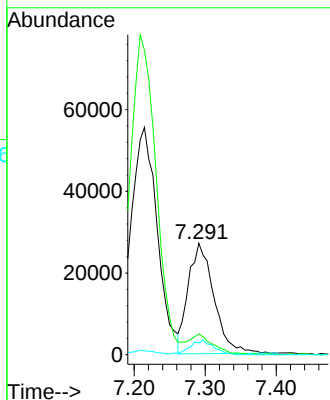
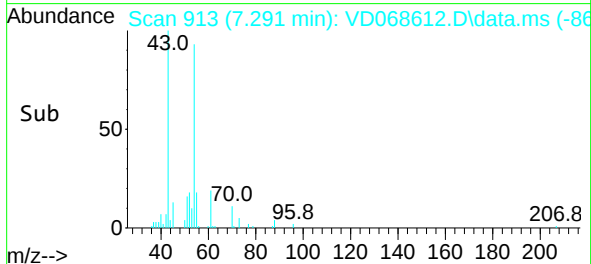
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



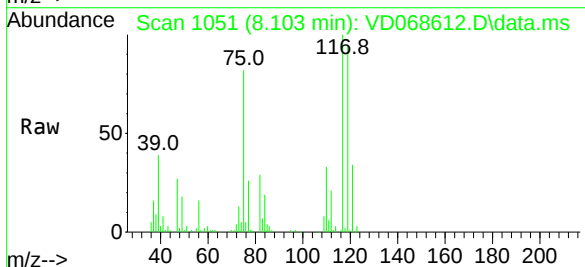
Tgt Ion: 43 Resp: 67859
Ion Ratio Lower Upper
43 100
61 17.7 12.9 19.3
70 12.0 11.0 16.6

Manual Integrations
APPROVED

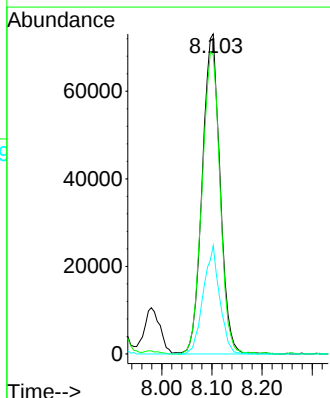
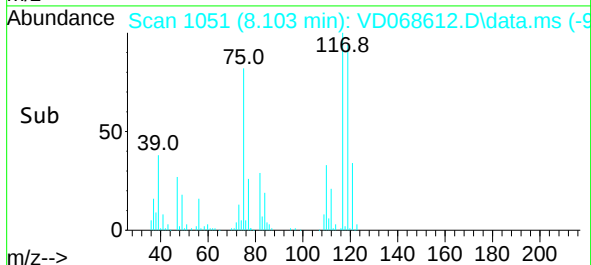
MMDadoda
3/15/2021 12:39:52 PM

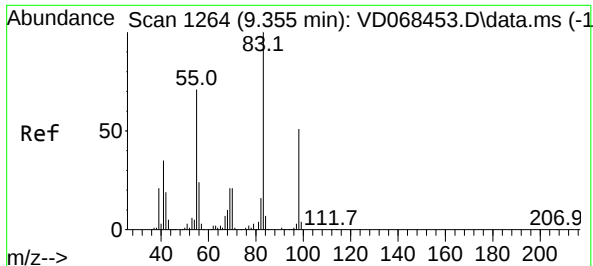


#38
Carbon Tetrachloride
Concen: 51.84 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



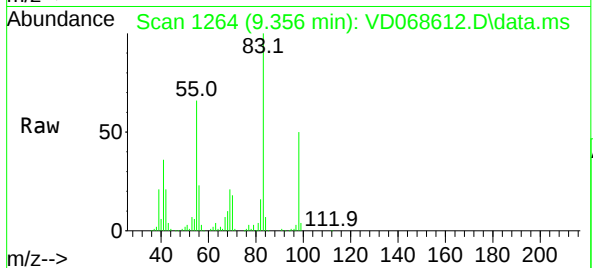
Tgt Ion: 117 Resp: 180071
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 33.9 24.7 37.1





#39
Methylcyclohexane
Concen: 47.68 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

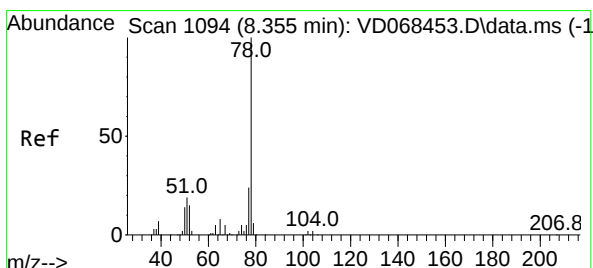
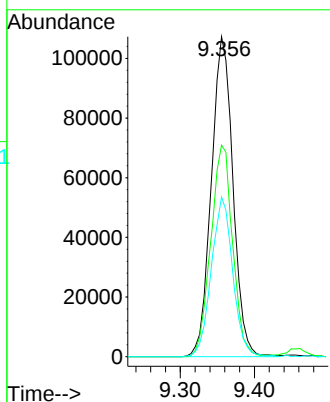
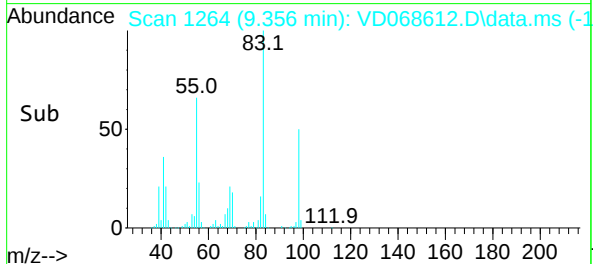
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



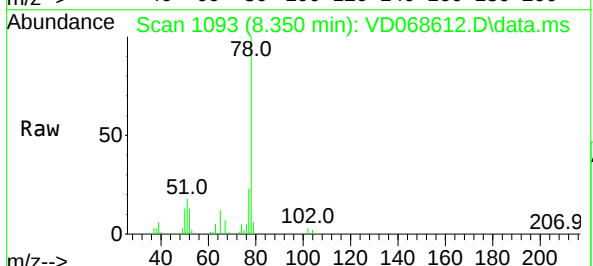
Tgt Ion: 83 Resp: 217421
Ion Ratio Lower Upper
83 100
55 66.1 55.2 82.8
98 49.9 39.1 58.7

Manual Integrations
APPROVED

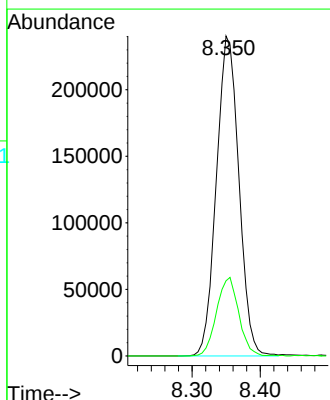
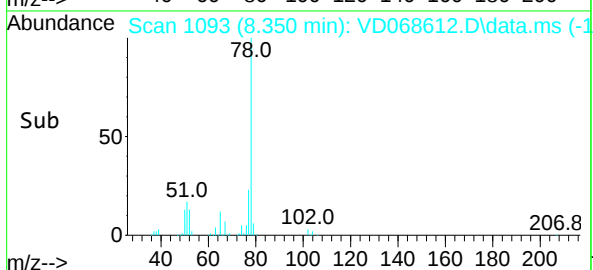
MMDadoda
3/15/2021 12:39:52 PM

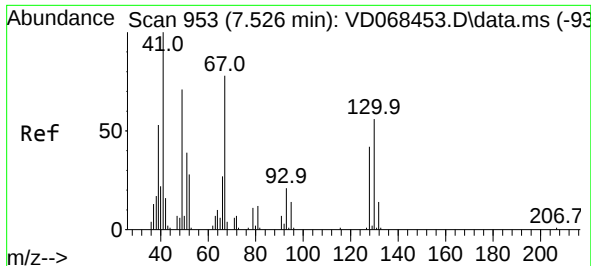


#40
Benzene
Concen: 52.09 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



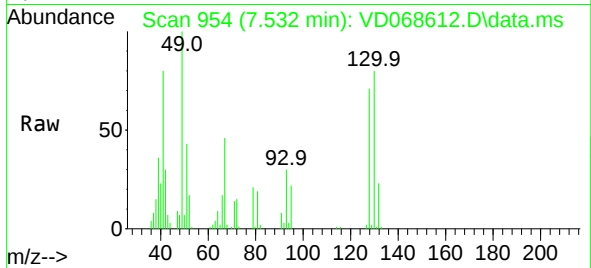
Tgt Ion: 78 Resp: 552401
Ion Ratio Lower Upper
78 100
77 23.5 17.8 26.6





#41
Methacrylonitrile
Concen: 54.92 ug/l m
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

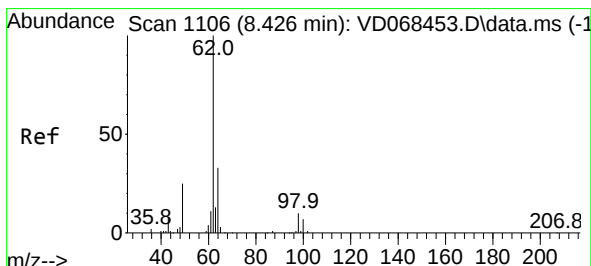
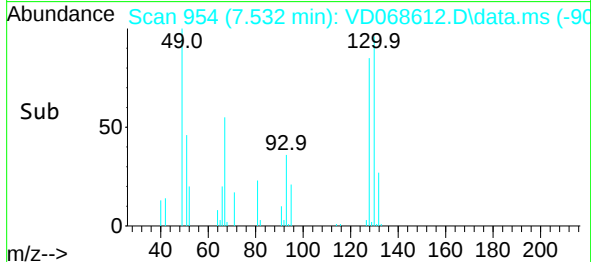
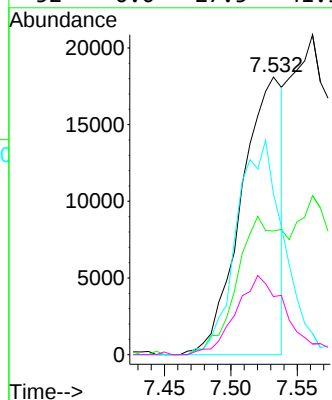
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	39107
Ion Ratio	100	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	67.4	101.2#
52	0.0	27.5	41.3#

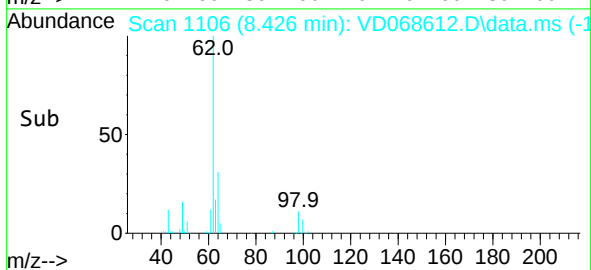
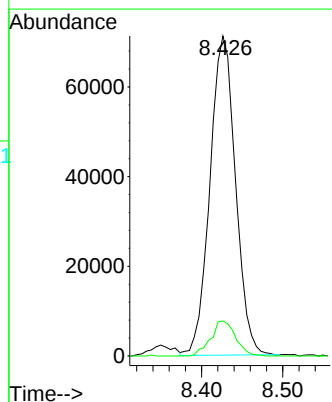
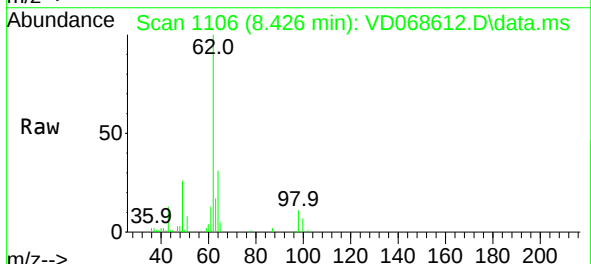
Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



#42
1,2-Dichloroethane
Concen: 55.93 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

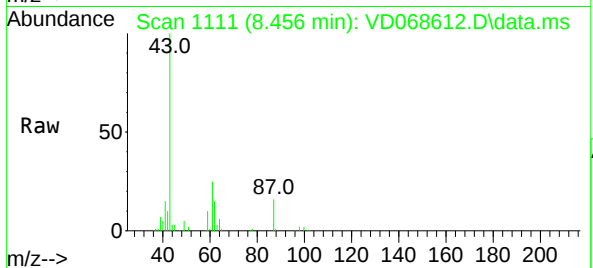
Tgt Ion:	62	Resp:	155968
Ion Ratio	100	Lower	Upper
62	100		
98	10.7	0.0	21.8





#43
Isopropyl Acetate
Concen: 58.36 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

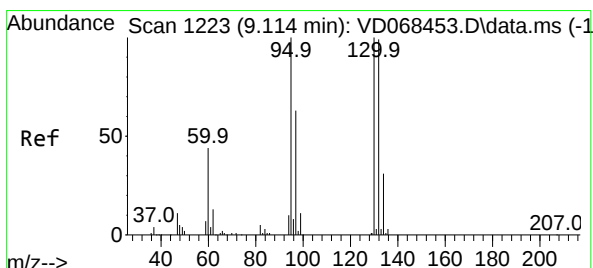
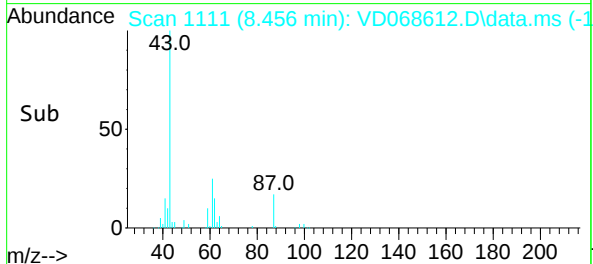
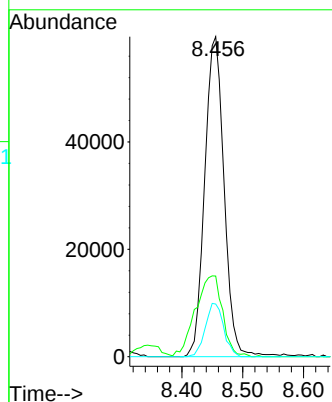
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
43	100		
61	35.3	28.7	43.1
87	15.8	13.9	20.9

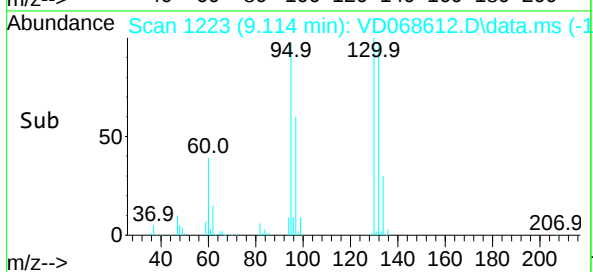
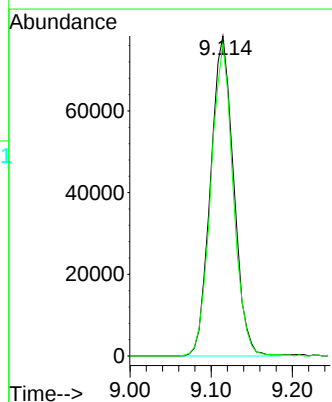
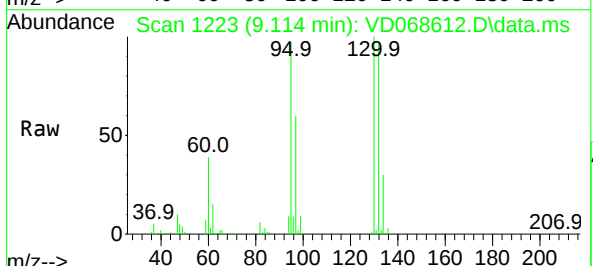
Manual Integrations
APPROVED

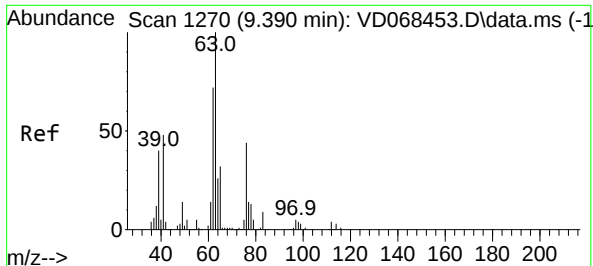
MMDadoda
3/15/2021 12:39:52 PM



#44
Trichloroethene
Concen: 53.14 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	191.2





#45

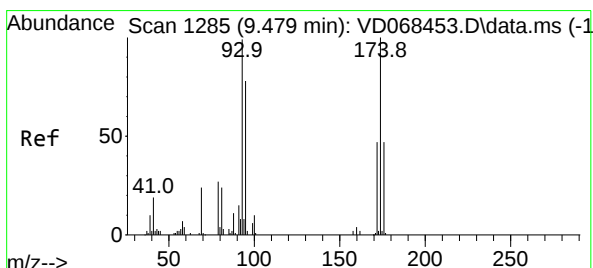
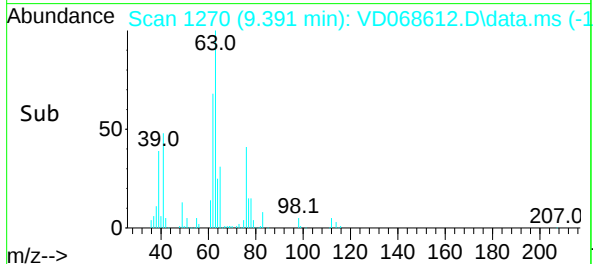
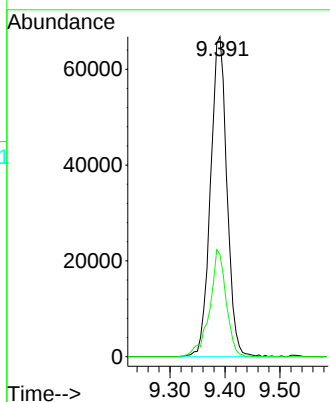
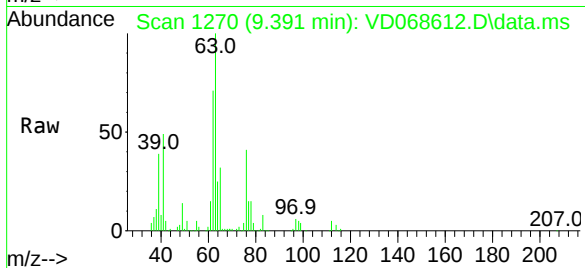
1,2-Dichloropropane
Concen: 54.72 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 63 Resp: 138734
Ion Ratio Lower Upper
63 100
65 32.0 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

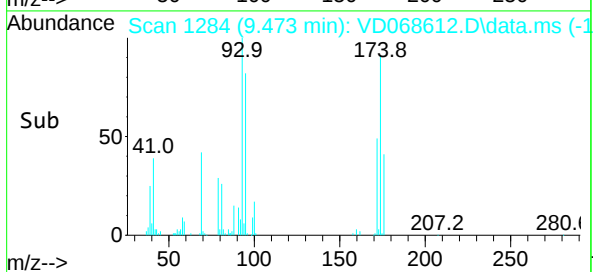
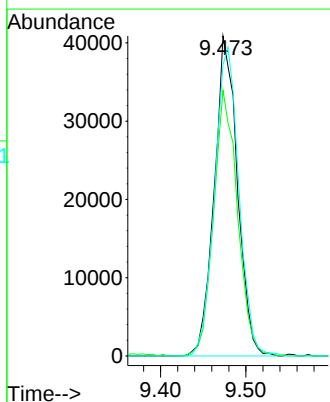
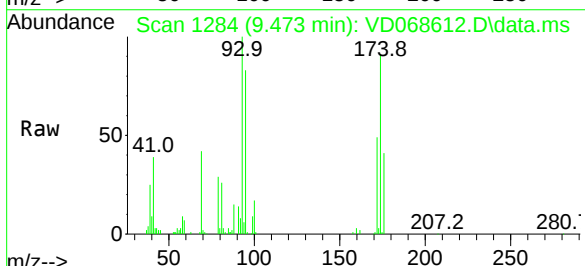
MMDadoda
3/15/2021 12:39:52 PM

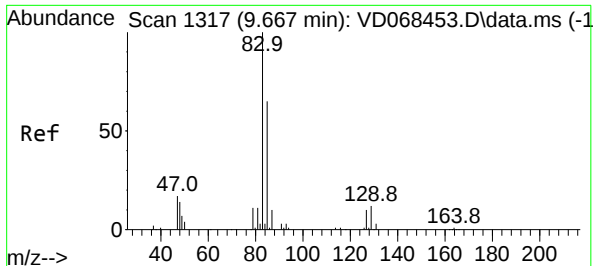


#46

Dibromomethane
Concen: 55.98 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 93 Resp: 77213
Ion Ratio Lower Upper
93 100
95 85.5 67.3 100.9
174 101.3 84.6 127.0





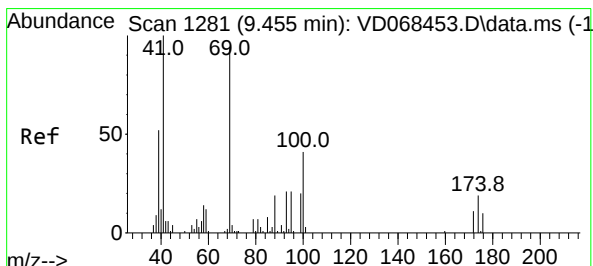
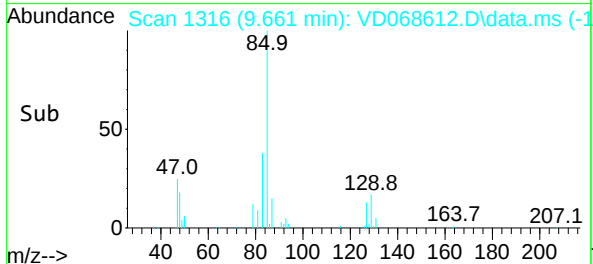
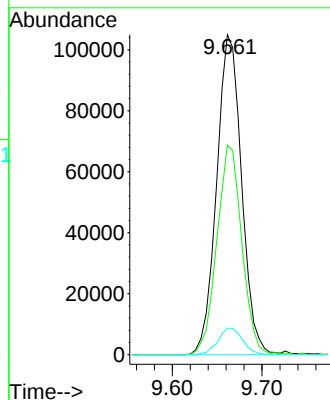
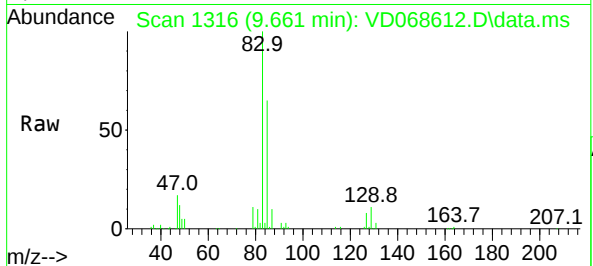
#47
Bromodichloromethane
Concen: 56.73 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 83 Resp: 202383
Ion Ratio Lower Upper
83 100
85 65.5 51.6 77.4
127 8.3 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

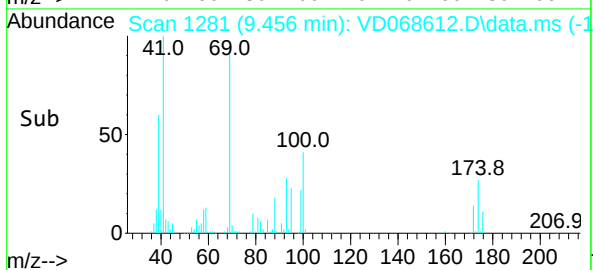
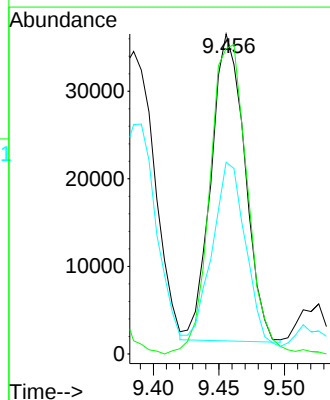
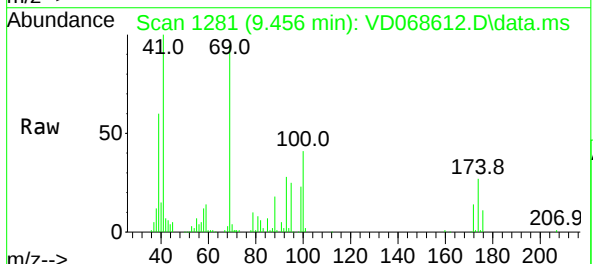
Manual Integrations
APPROVED

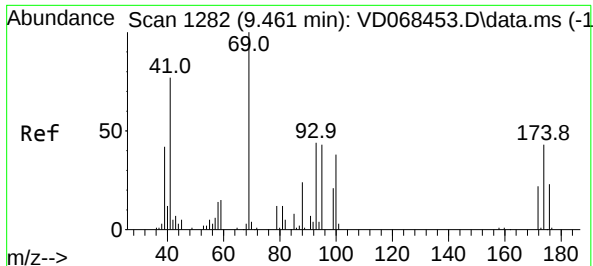
MMDadoda
3/15/2021 12:39:52 PM



#48
Methyl methacrylate
Concen: 52.26 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 41 Resp: 62804
Ion Ratio Lower Upper
41 100
69 112.0 77.1 115.7
39 65.1 41.5 62.3#





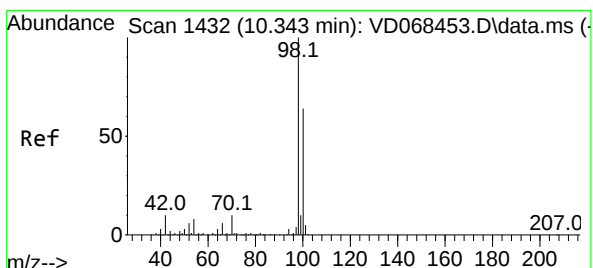
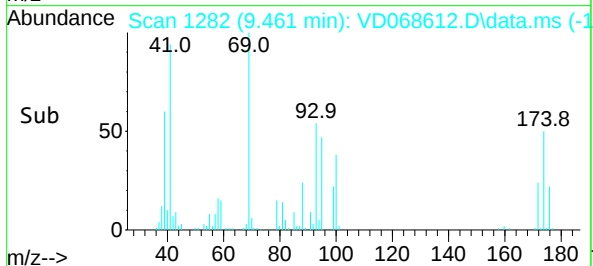
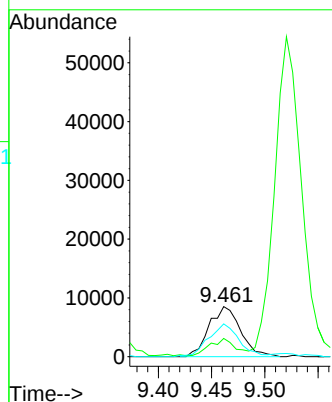
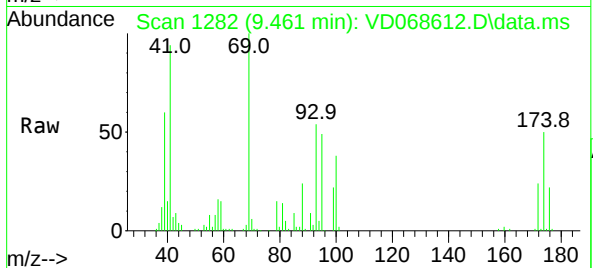
#49
1,4-Dioxane
Concen: 1110.42 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 88 Resp: 17466
Ion Ratio Lower Upper
88 100
43 28.2 22.1 33.1
58 63.4 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

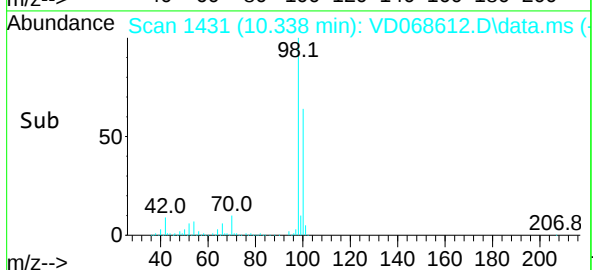
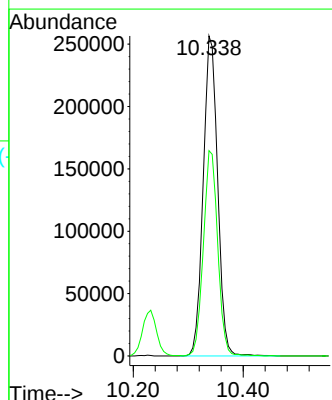
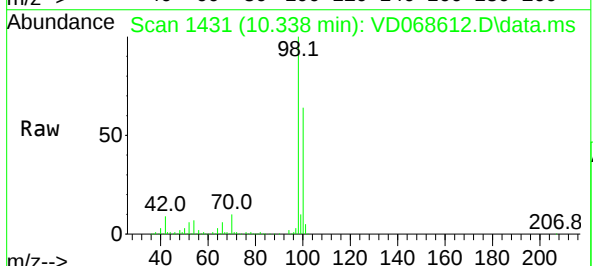
Manual Integrations
APPROVED

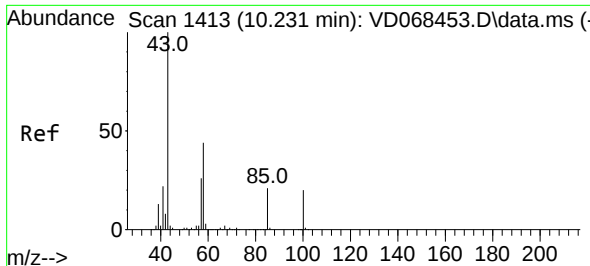
MMDadoda
3/15/2021 12:39:52 PM



#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 98 Resp: 467220
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4





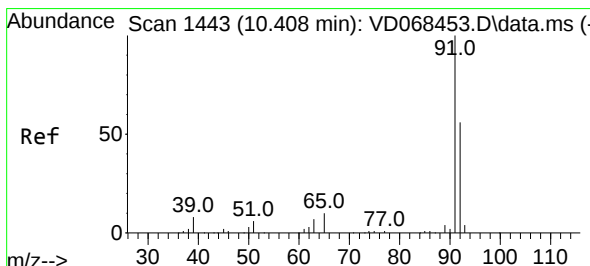
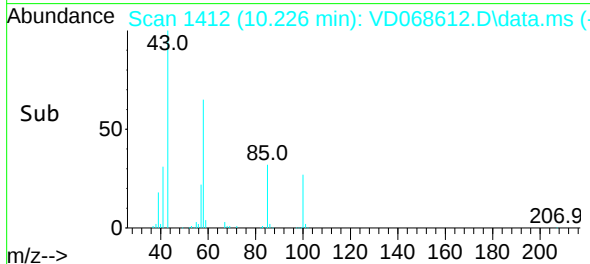
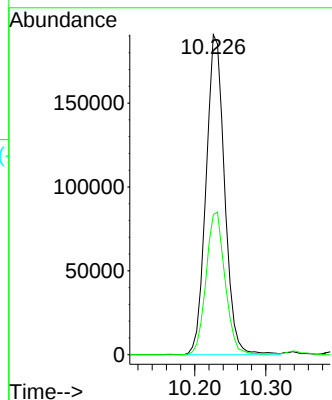
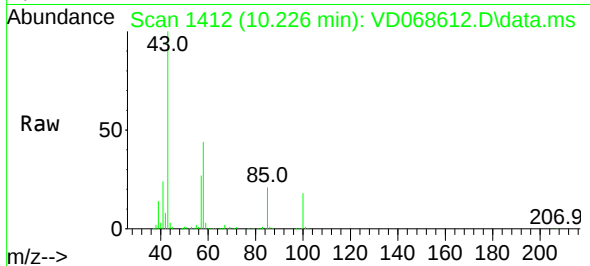
#51
4-Methyl-2-Pentanone
Concen: 293.45 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 43 Resp: 346196
Ion Ratio Lower Upper
43 100
58 45.6 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

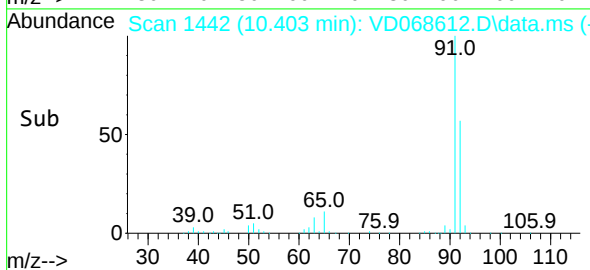
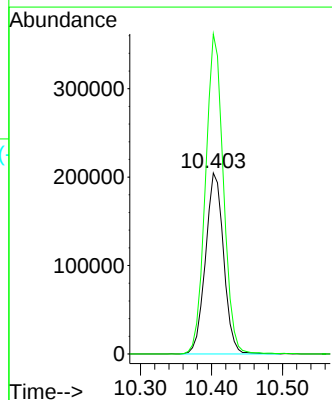
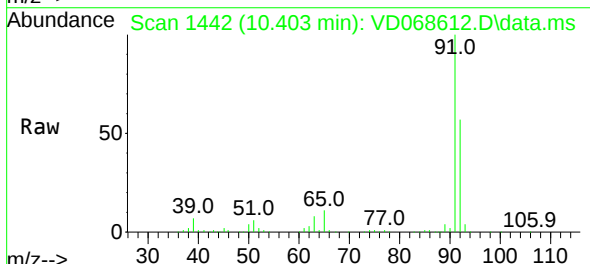
Manual Integrations
APPROVED

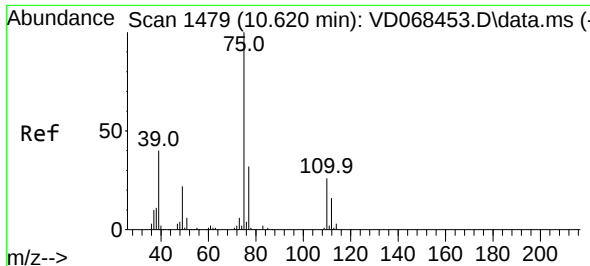
MMDadoda
3/15/2021 12:39:52 PM



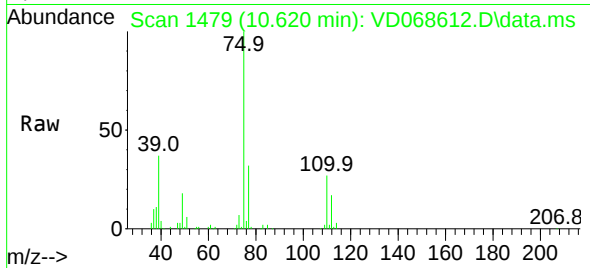
#52
Toluene
Concen: 53.64 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 92 Resp: 363279
Ion Ratio Lower Upper
92 100
91 174.6 134.1 201.1

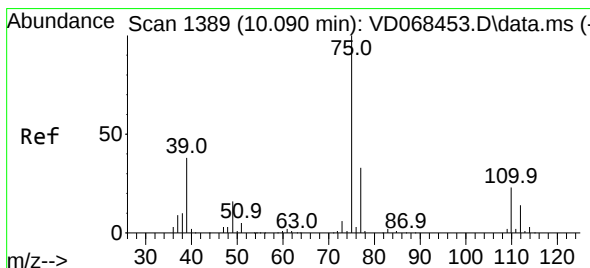
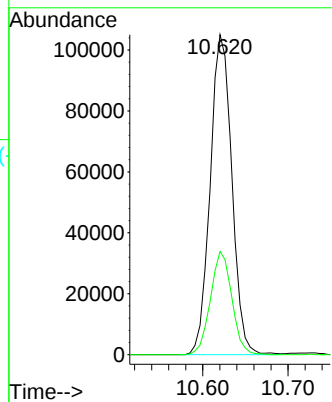
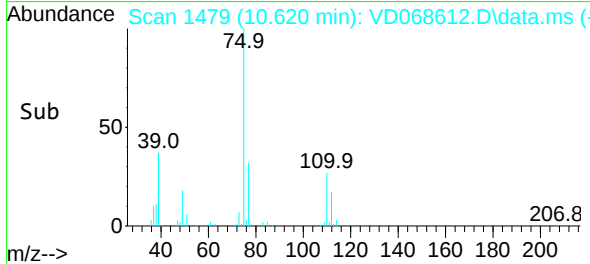




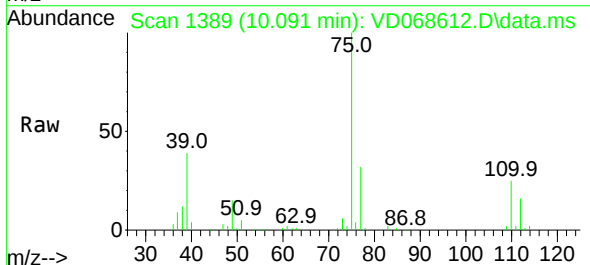
#53
t-1,3-Dichloropropene
Concen: 56.27 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



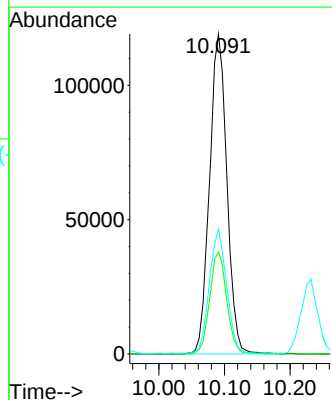
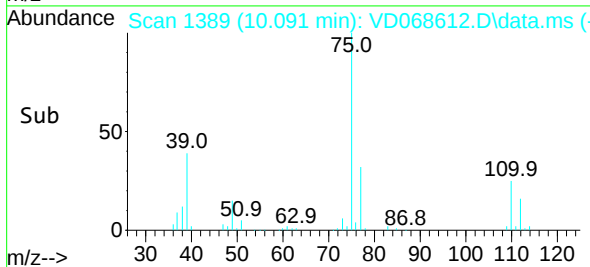
Tgt Ion: 75 Resp: 185538
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.52 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



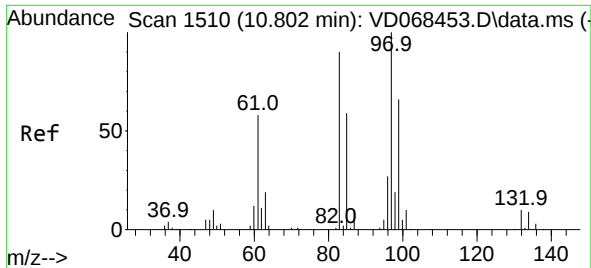
Tgt Ion: 75 Resp: 219328
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 38.8 31.4 47.0



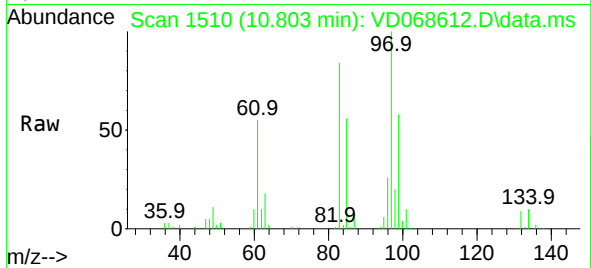
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

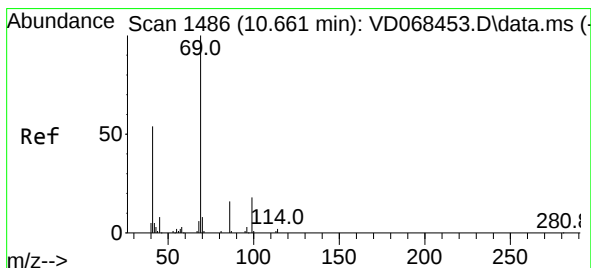
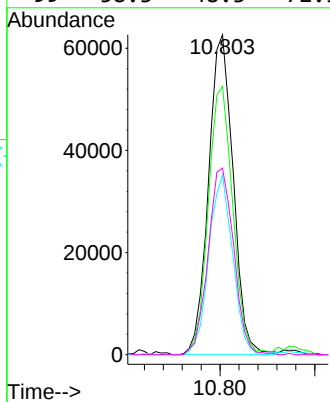
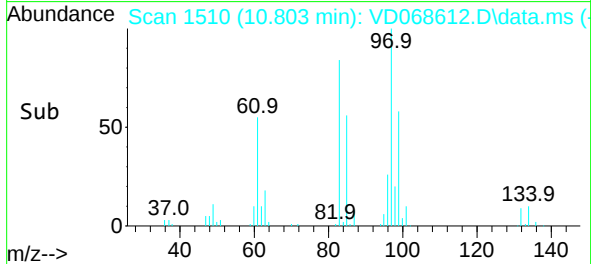
MMDadoda
3/15/2021 12:39:52 PM



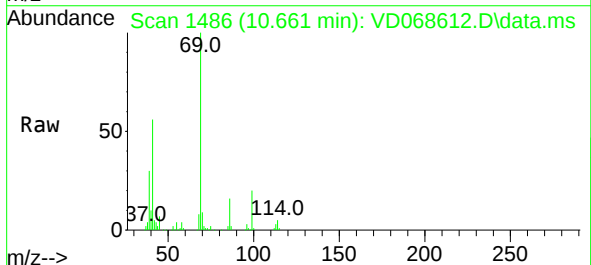
#55
1,1,2-Trichloroethane
Concen: 59.39 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



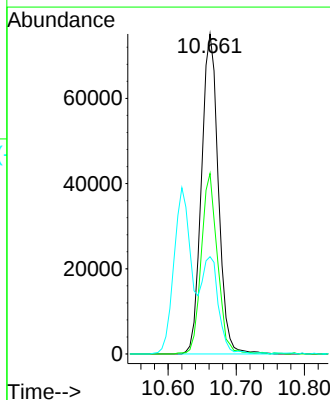
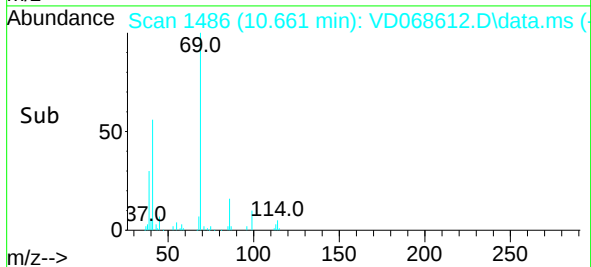
Tgt Ion:	97	Resp:	113354
Ion	Ratio	Lower	Upper
97	100		
83	83.9	61.8	92.6
85	56.2	42.2	63.2
99	58.3	48.3	72.5



#56
Ethyl methacrylate
Concen: 58.90 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



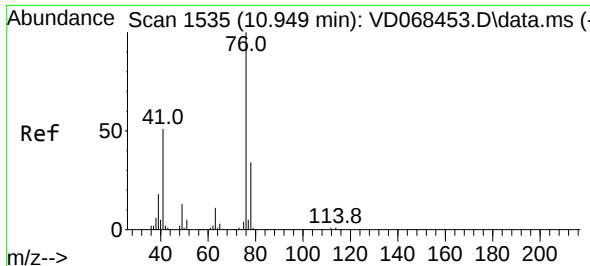
Tgt Ion:	69	Resp:	129229
Ion	Ratio	Lower	Upper
69	100		
41	54.3	44.9	67.3
39	28.8	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM



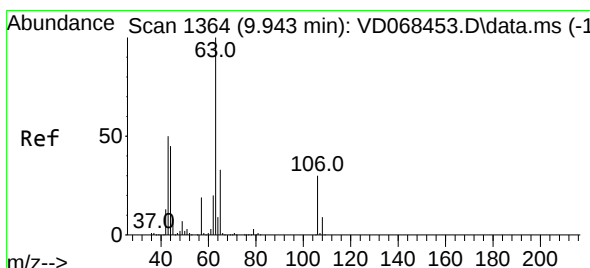
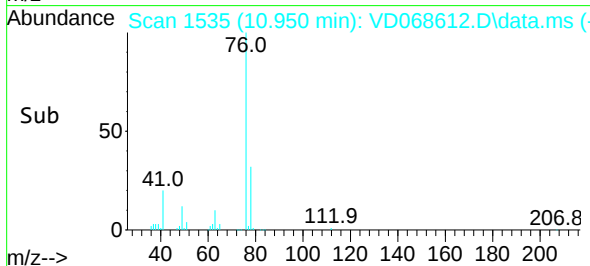
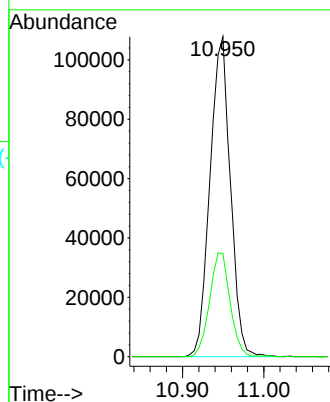
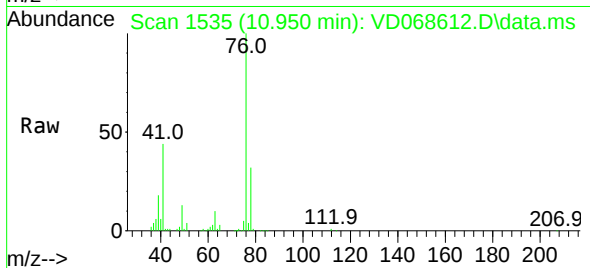
#57
1,3-Dichloropropane
Concen: 56.49 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 76 Resp: 188208
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

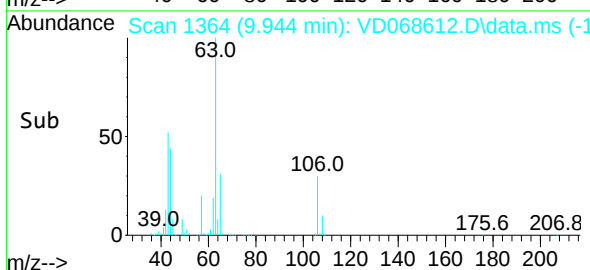
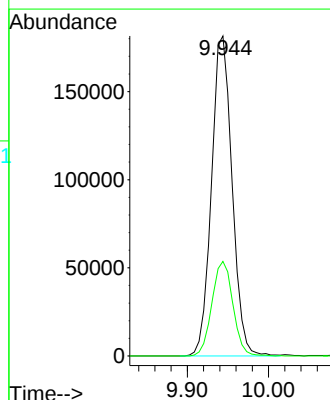
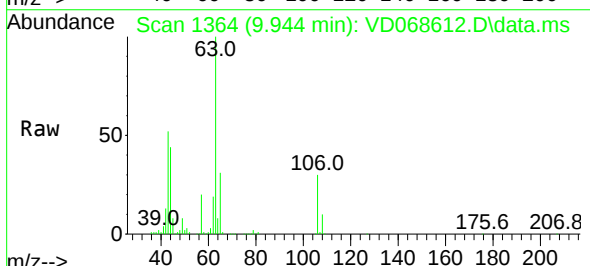
Manual Integrations
APPROVED

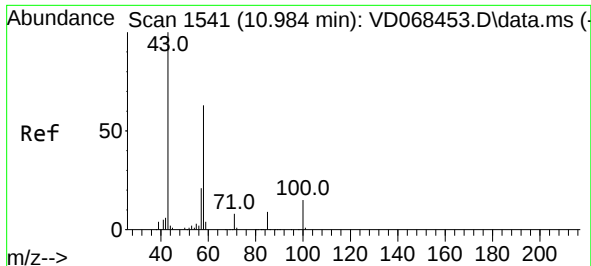
MMDadoda
3/15/2021 12:39:52 PM



#58
2-Chloroethyl Vinyl ether
Concen: 290.82 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 63 Resp: 320105
Ion Ratio Lower Upper
63 100
106 30.1 27.0 40.4





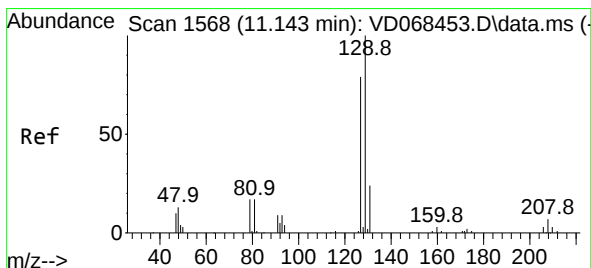
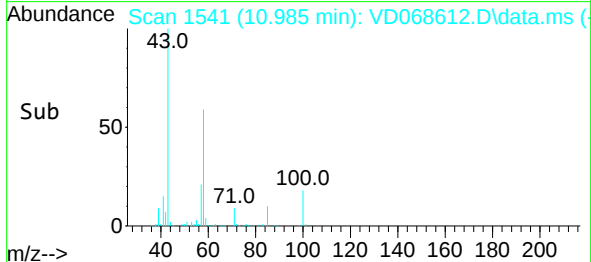
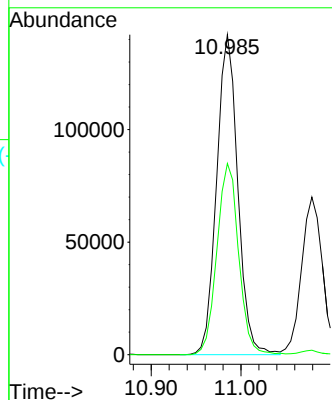
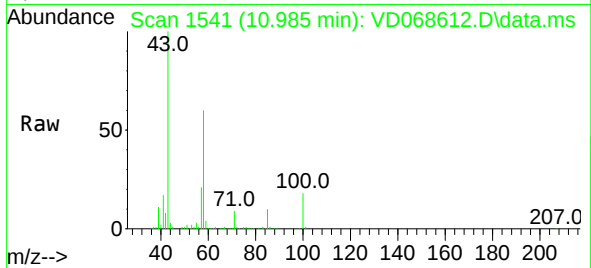
#59
2-Hexanone
Concen: 296.30 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 43 Resp: 233000
Ion Ratio Lower Upper
43 100
58 61.3 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

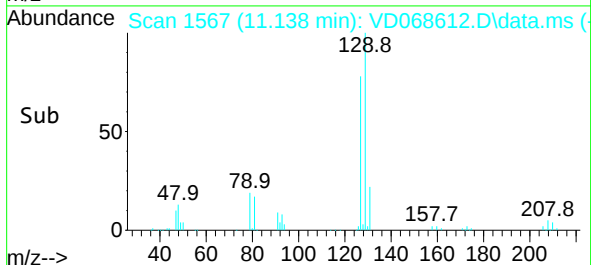
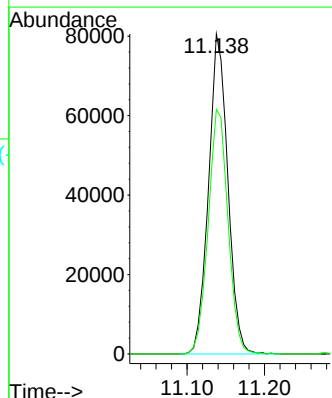
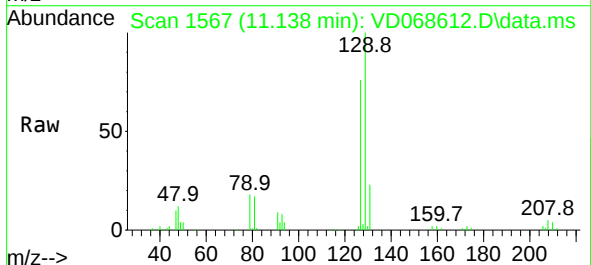
Manual Integrations
APPROVED

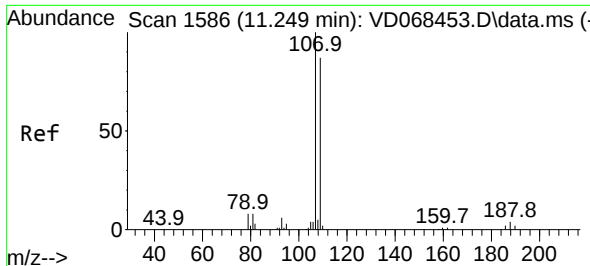
MMDadoda
3/15/2021 12:39:52 PM



#60
Dibromochloromethane
Concen: 58.80 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

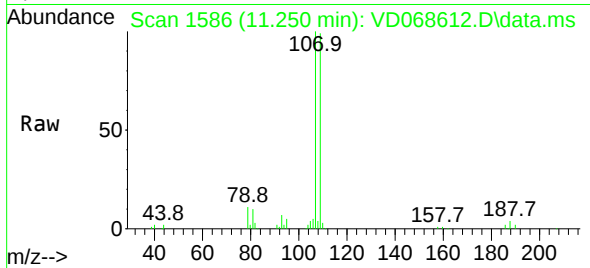
Tgt Ion: 129 Resp: 138943
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.60 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

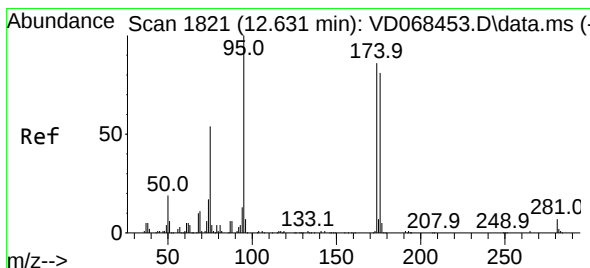
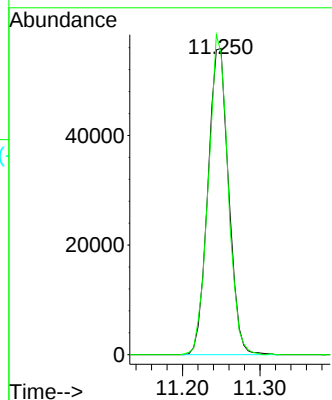
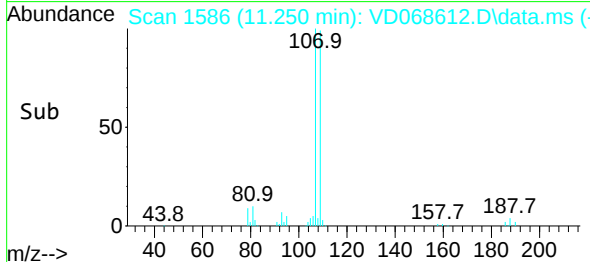
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



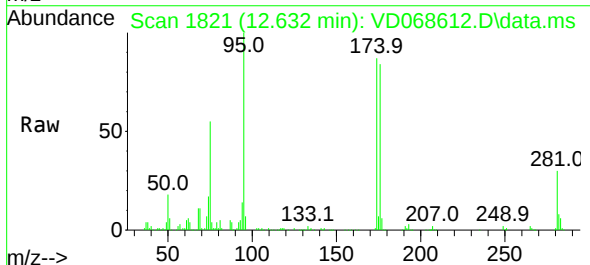
Tgt Ion:107 Resp: 103847
Ion Ratio Lower Upper
107 100
109 99.4 74.8 112.2

Manual Integrations
APPROVED

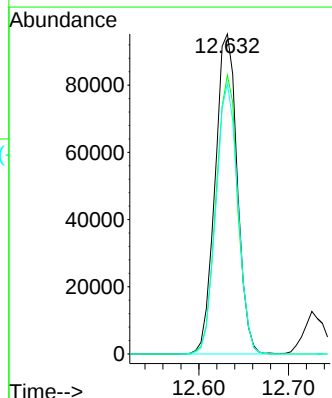
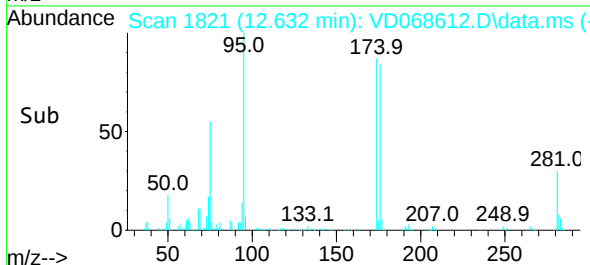
MMDadoda
3/15/2021 12:39:52 PM

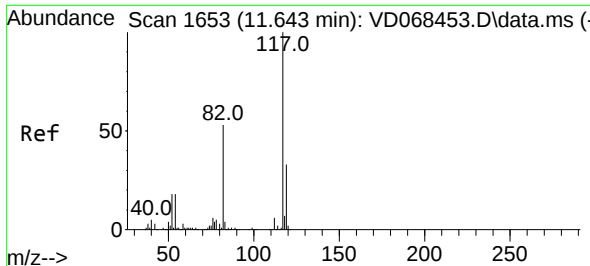


#62
4-Bromofluorobenzene
Concen: 54.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion: 95 Resp: 163440
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 83.2 0.0 168.4





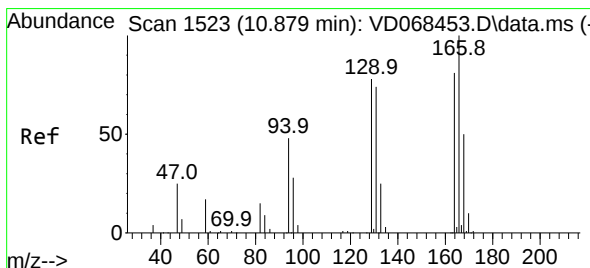
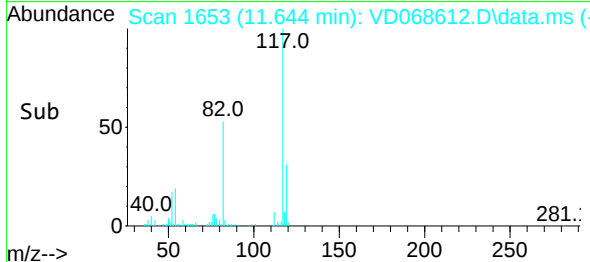
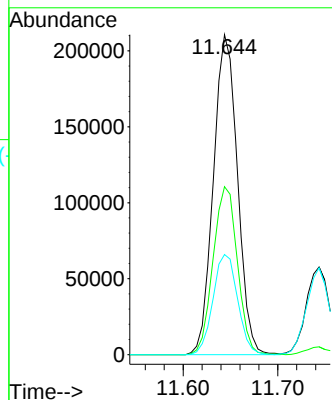
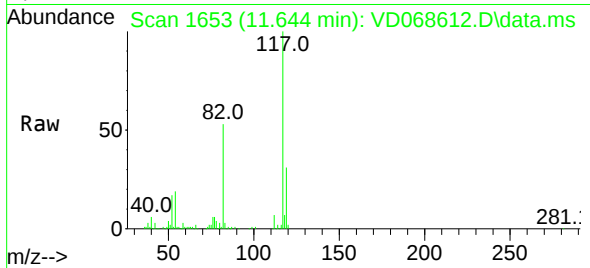
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:117 Resp: 372470
Ion Ratio Lower Upper
117 100
82 52.5 41.4 62.0
119 31.3 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

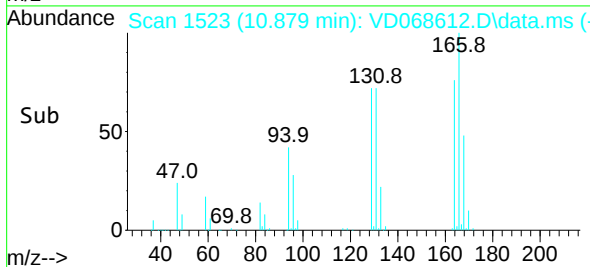
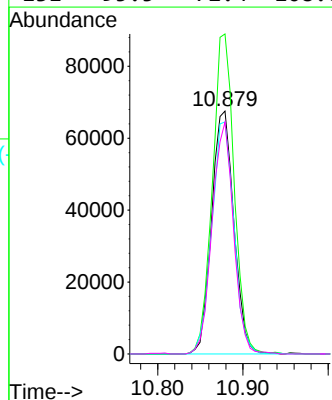
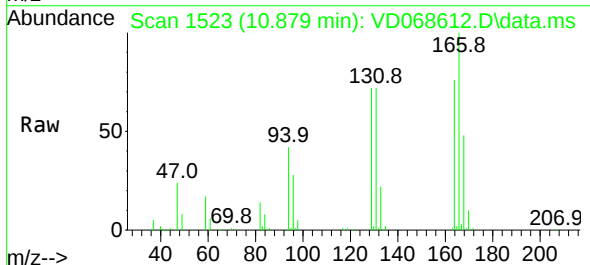
Manual Integrations
APPROVED

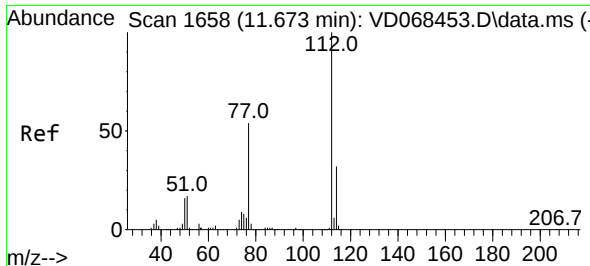
MMDadoda
3/15/2021 12:39:52 PM



#64
Tetrachloroethene
Concen: 50.46 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

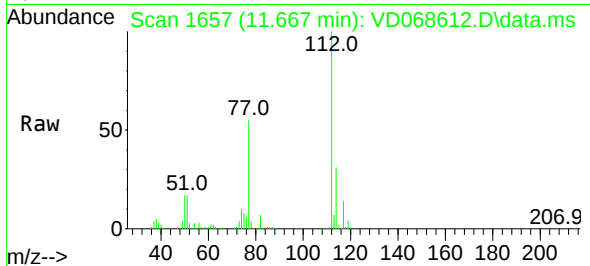
Tgt Ion:164 Resp: 122725
Ion Ratio Lower Upper
164 100
166 131.8 105.5 158.3
129 95.5 75.6 113.4
131 95.5 72.4 108.6





#65
Chlorobenzene
Concen: 52.72 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

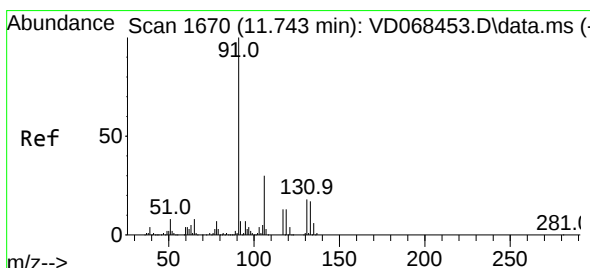
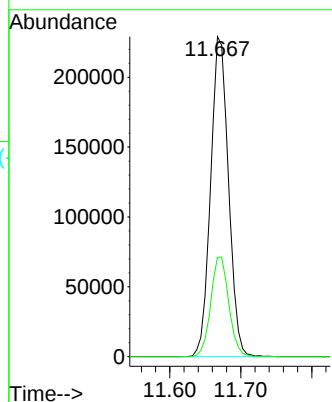
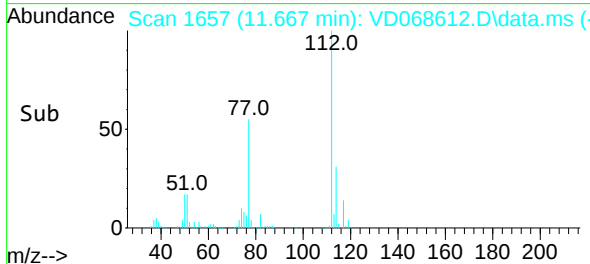
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



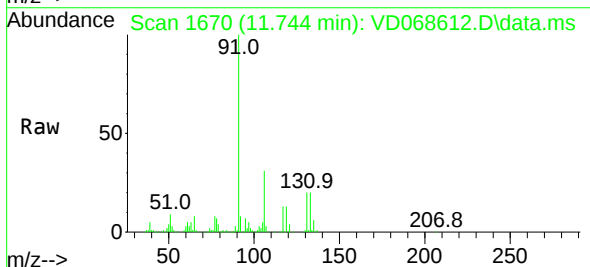
Tgt Ion:112 Resp: 399859
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

Manual Integrations
APPROVED

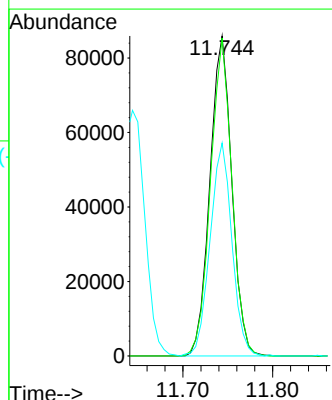
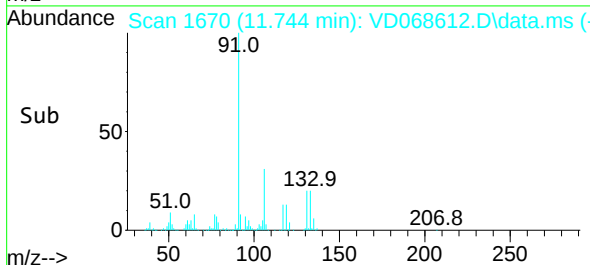
MMDadoda
3/15/2021 12:39:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.11 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



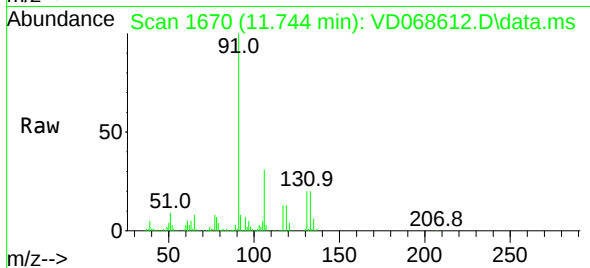
Tgt Ion:131 Resp: 145314
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.4
119 66.5 31.6 94.8





#67
Ethyl Benzene
Concen: 52.15 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

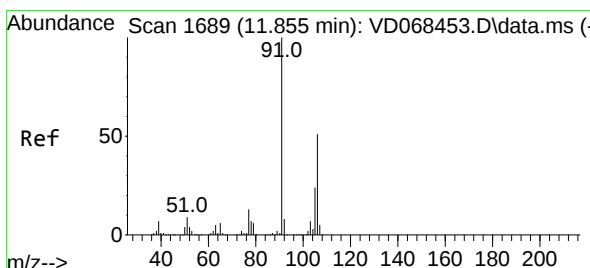
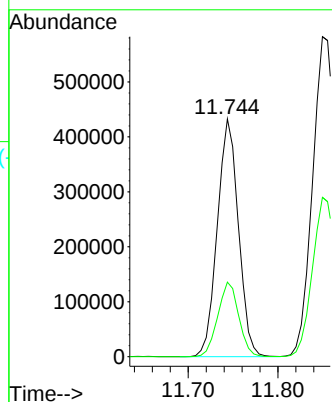
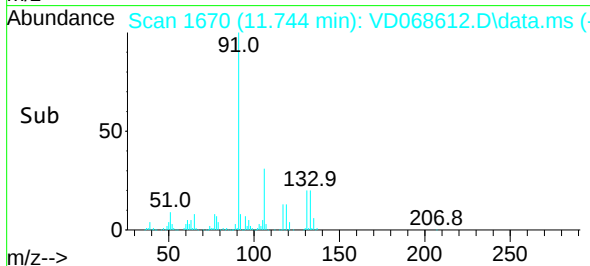
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



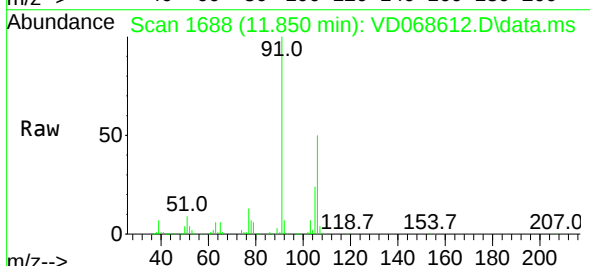
Tgt Ion: 91 Resp: 706037
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9

Manual Integrations
APPROVED

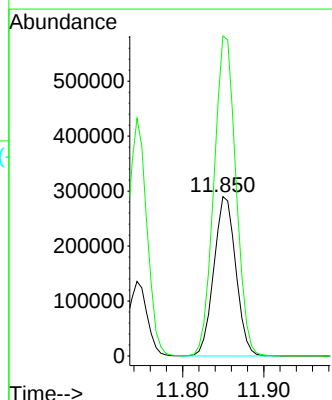
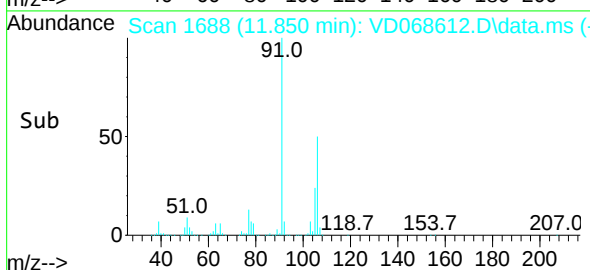
MMDadoda
3/15/2021 12:39:52 PM

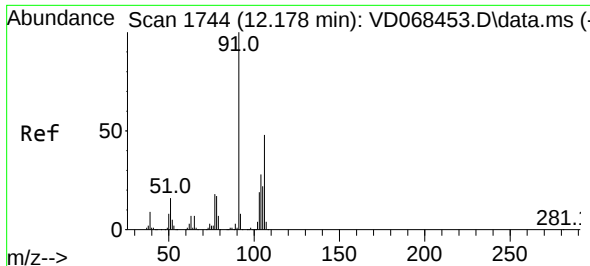


#68
m/p-Xylenes
Concen: 105.95 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



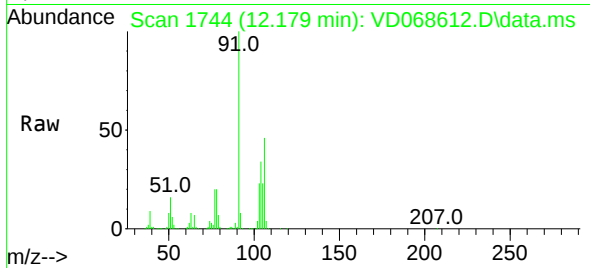
Tgt Ion: 106 Resp: 544816
Ion Ratio Lower Upper
106 100
91 201.4 159.1 238.7





#69
o-Xylene
Concen: 53.82 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

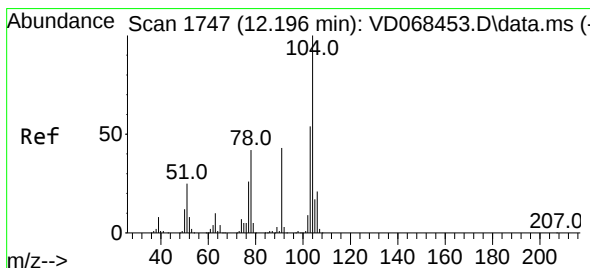
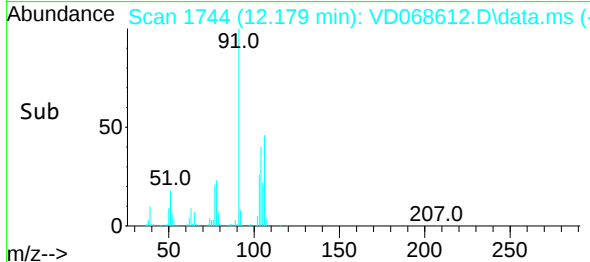
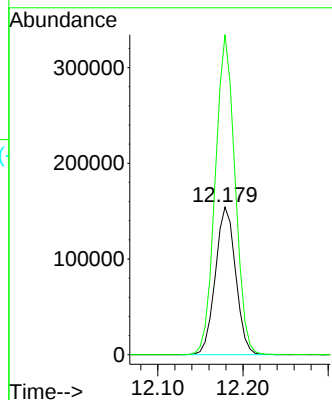
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 254891
Ion Ratio Lower Upper
106 100
91 211.6 108.7 325.9

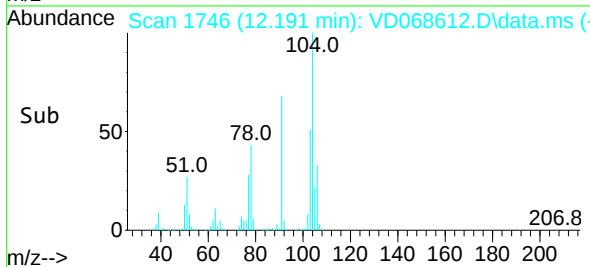
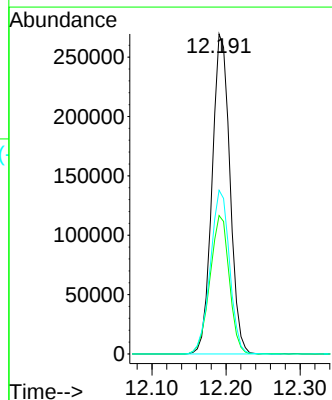
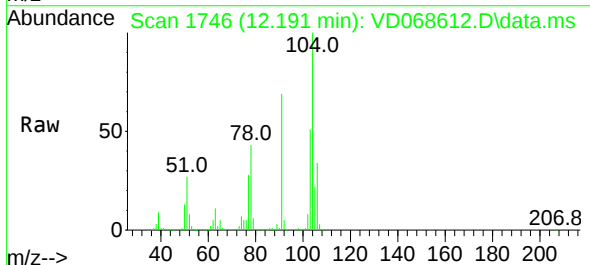
Manual Integrations
APPROVED

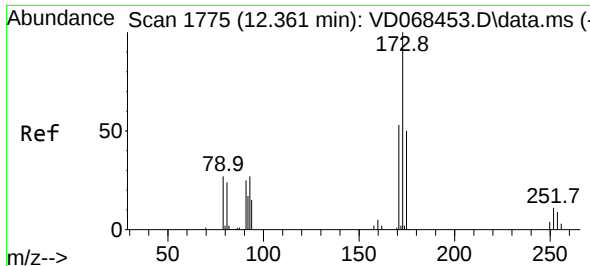
MMDadoda
3/15/2021 12:39:52 PM



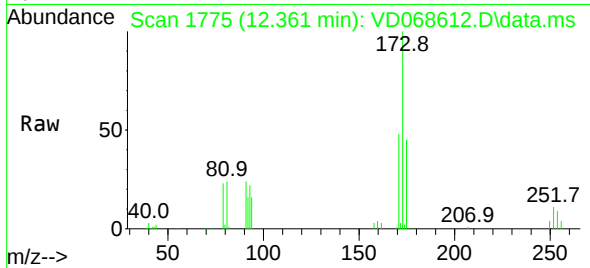
#70
Styrene
Concen: 55.60 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:104 Resp: 450280
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 55.1 43.1 64.7

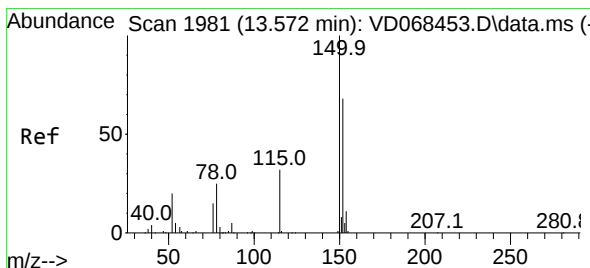
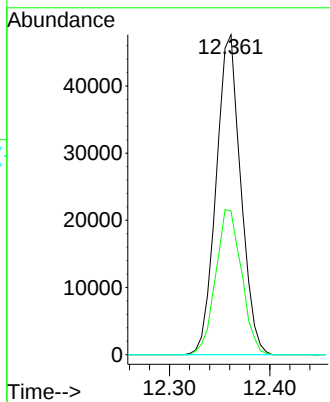
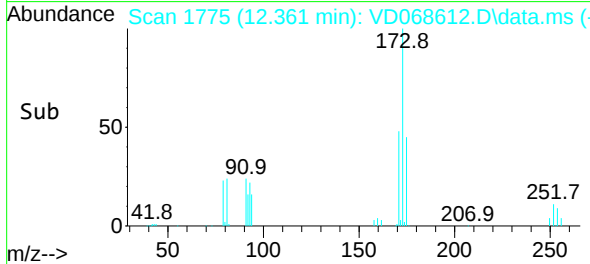




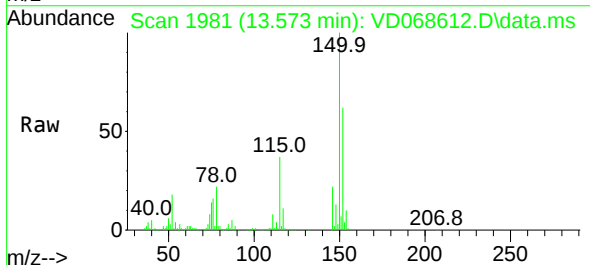
#71
Bromoform
Concen: 60.56 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



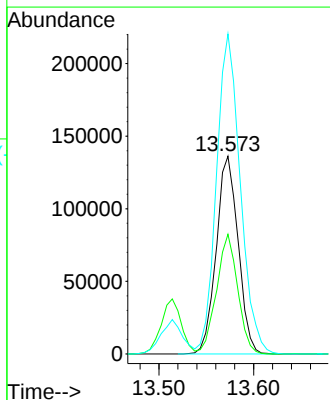
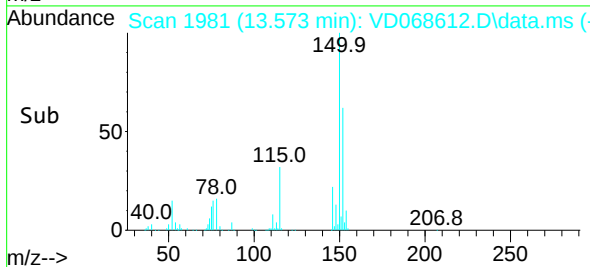
Tgt Ion:173 Resp: 81116
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



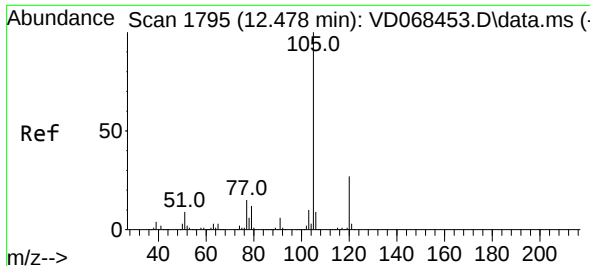
Tgt Ion:152 Resp: 219014
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 175.9 0.0 344.4



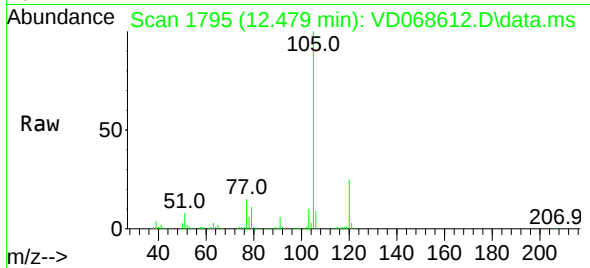
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

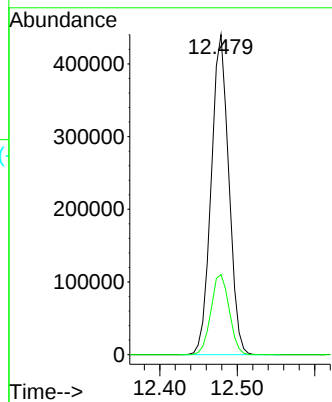
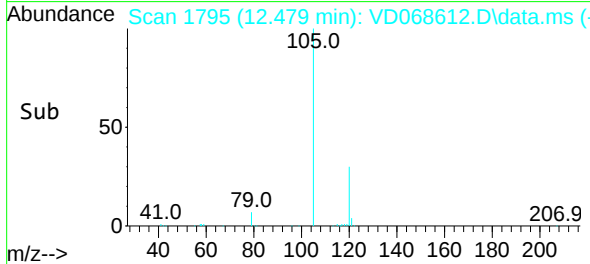
MMDadoda
3/15/2021 12:39:52 PM



#73
Isopropylbenzene
Concen: 42.77 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



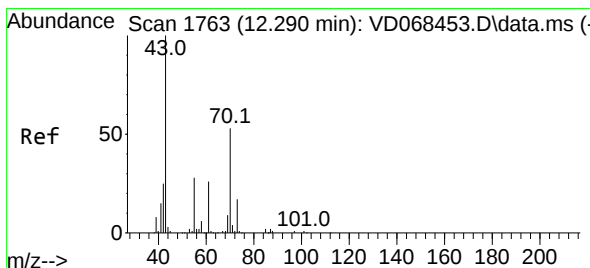
Tgt Ion: 105 Resp: 694825
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



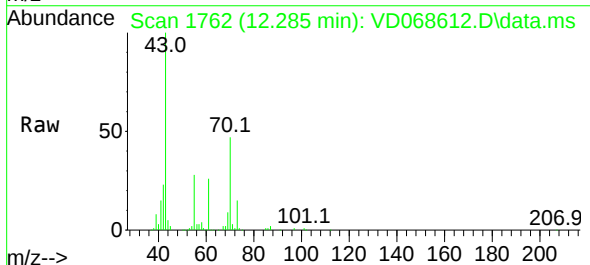
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

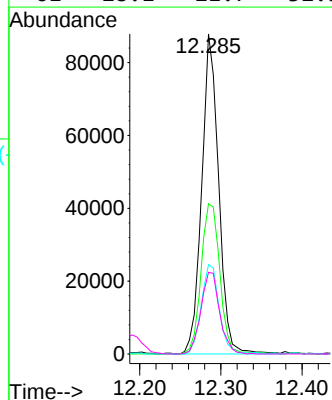
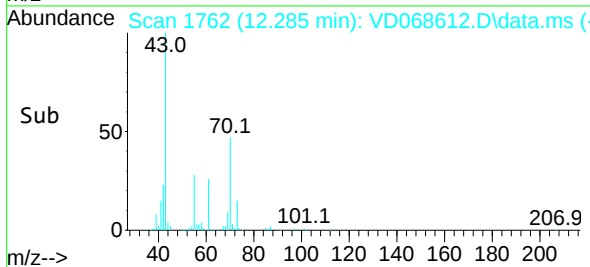
MMDadoda
3/15/2021 12:39:52 PM

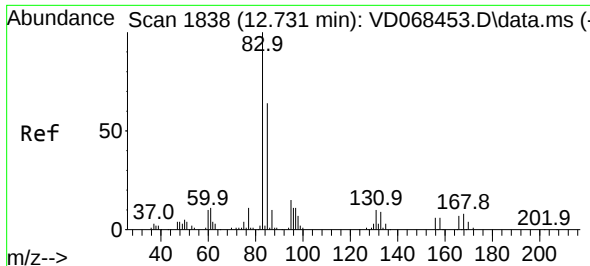


#74
N-ethyl acetate
Concen: 46.11 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion: 43 Resp: 127586
Ion Ratio Lower Upper
43 100
70 51.7 41.8 62.8
55 29.7 24.2 36.4
61 28.1 21.7 32.5





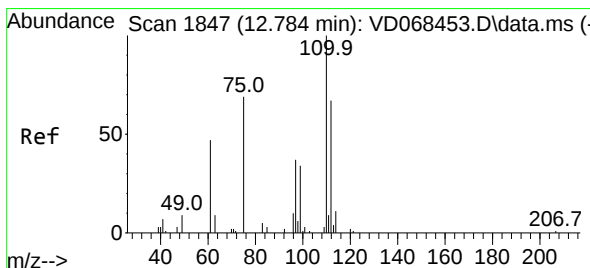
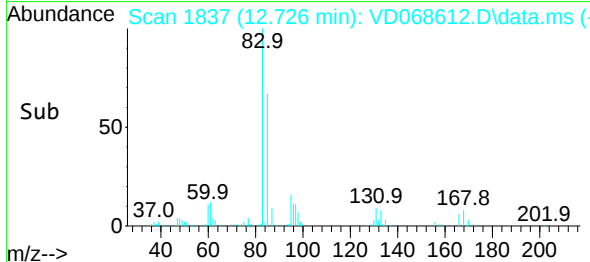
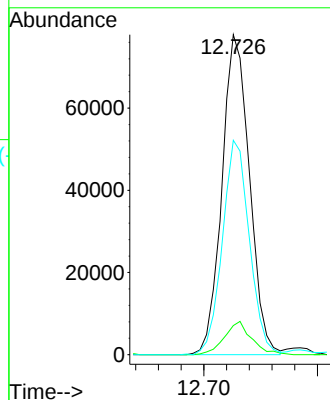
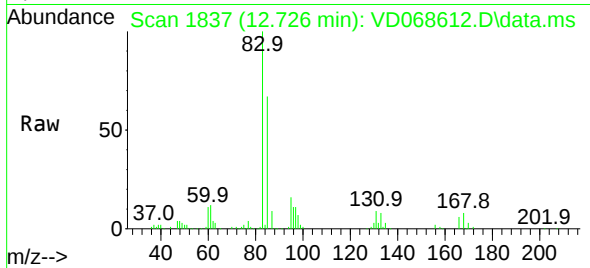
#75
1,1,2,2-Tetrachloroethane
Concen: 46.84 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 83 Resp: 130910
Ion Ratio Lower Upper
83 100
131 10.3 5.8 17.4
85 65.8 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

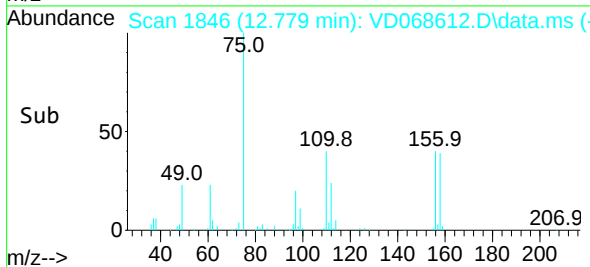
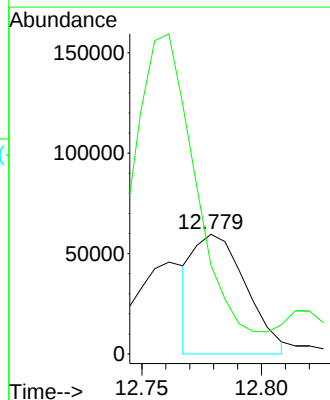
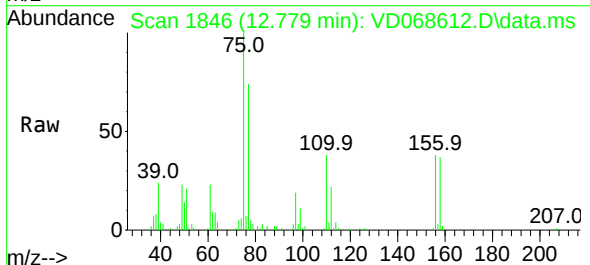
Manual Integrations
APPROVED

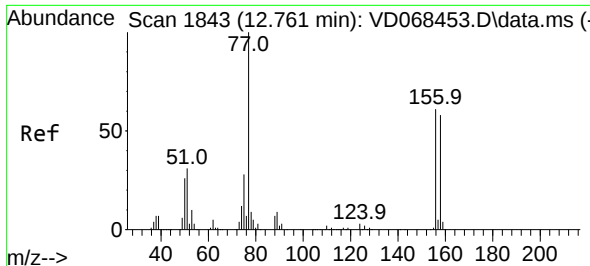
MMDadoda
3/15/2021 12:39:52 PM



#76
1,2,3-Trichloropropane
Concen: 46.66 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 75 Resp: 90716
Ion Ratio Lower Upper
75 100
77 336.2 0.0 0.0#





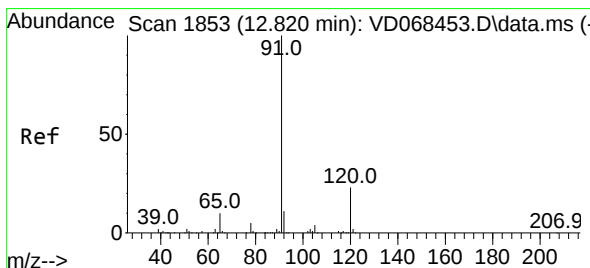
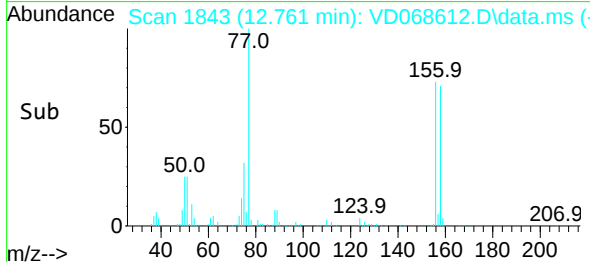
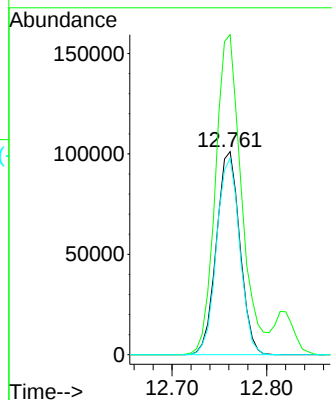
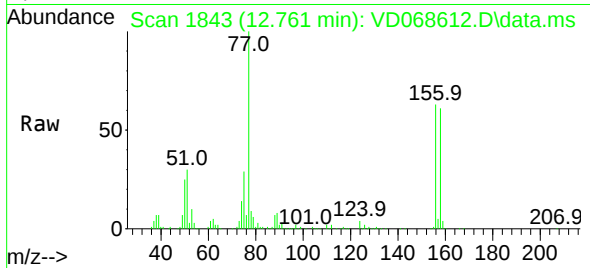
#77
Bromobenzene
Concen: 46.94 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 156 Resp: 173999
Ion Ratio Lower Upper
156 100
77 175.3 82.8 248.3
158 95.5 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

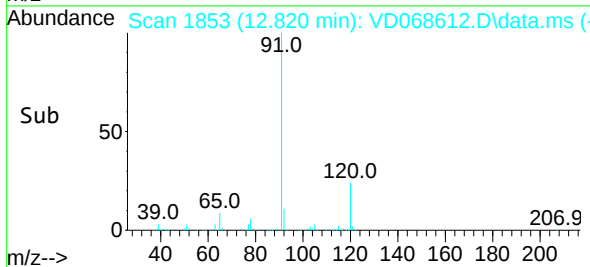
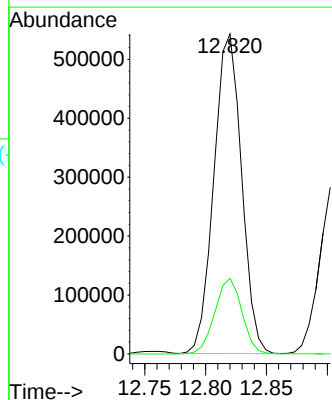
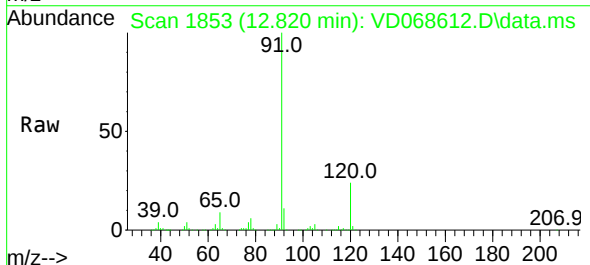
Manual Integrations
APPROVED

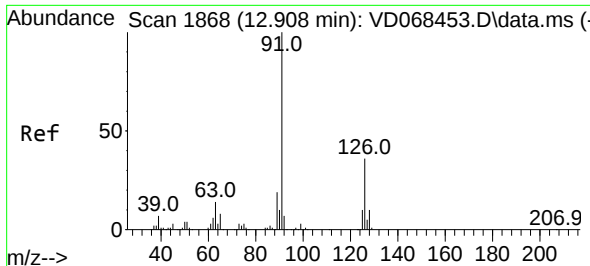
MMDadoda
3/15/2021 12:39:52 PM



#78
n-propylbenzene
Concen: 44.17 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

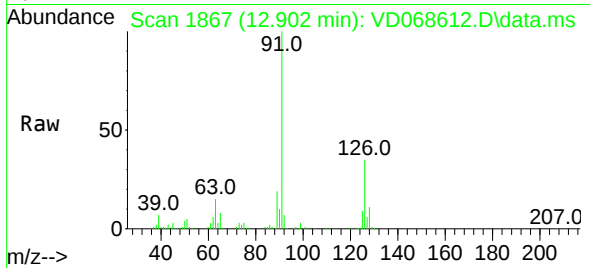
Tgt Ion: 91 Resp: 857262
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.0





#79
2-Chlorotoluene
Concen: 43.74 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

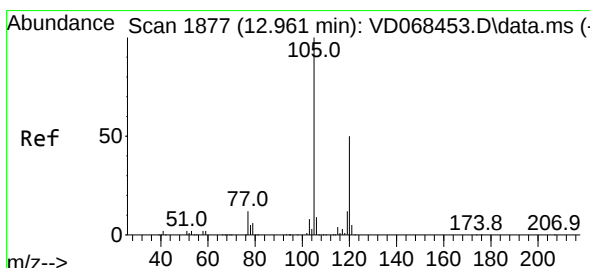
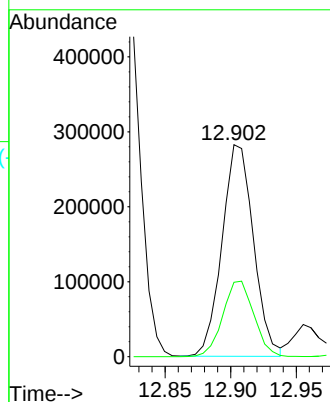
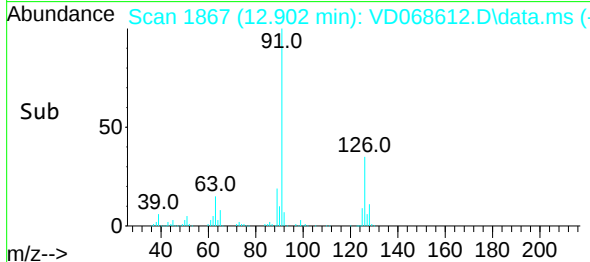
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



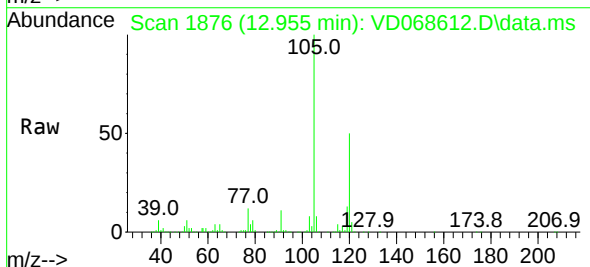
Tgt Ion: 91 Resp: 471238
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

Manual Integrations
APPROVED

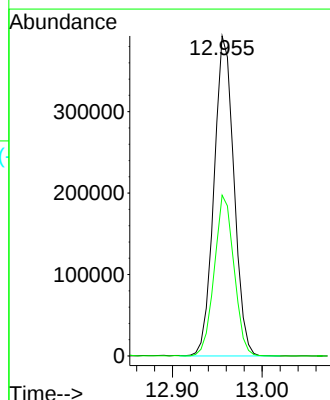
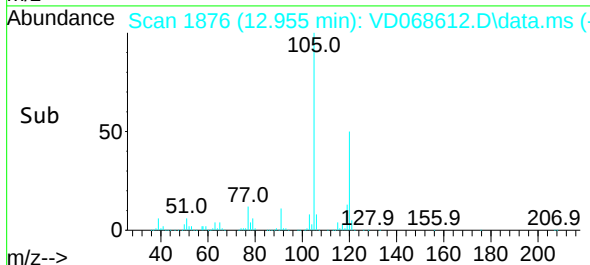
MMDadoda
3/15/2021 12:39:52 PM

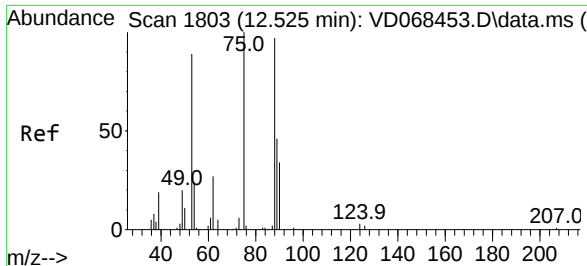


#80
1,3,5-Trimethylbenzene
Concen: 45.50 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



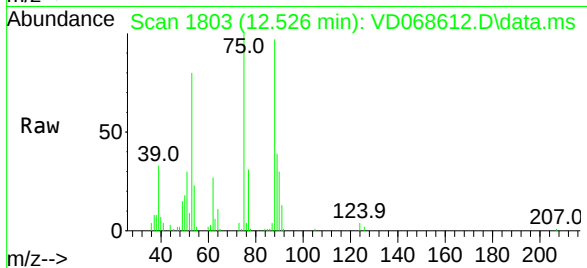
Tgt Ion: 105 Resp: 605824
Ion Ratio Lower Upper
105 100
120 49.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.45 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

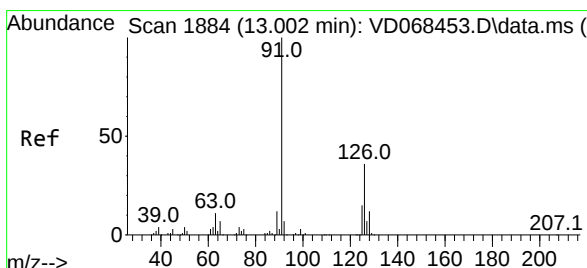
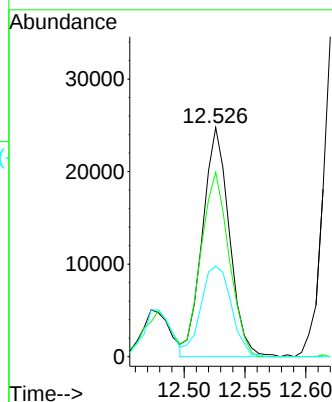
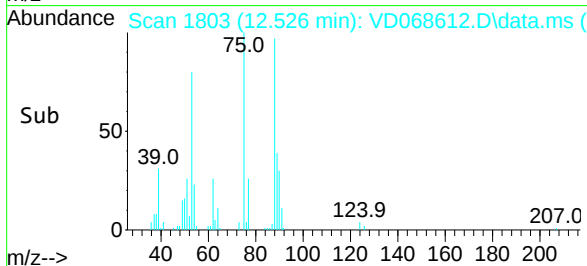
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



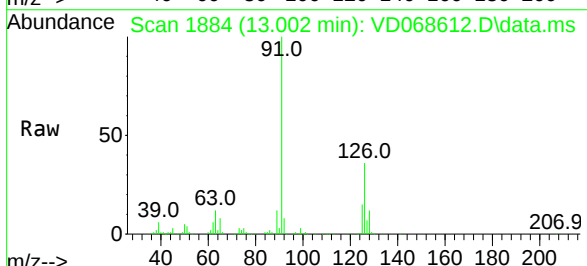
Tgt Ion: 75 Resp: 37870
Ion Ratio Lower Upper
75 100
53 84.3 70.2 105.2
89 44.9 40.3 60.5

Manual Integrations
APPROVED

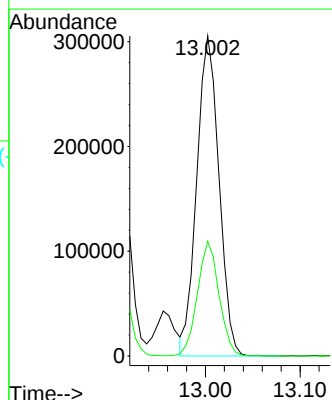
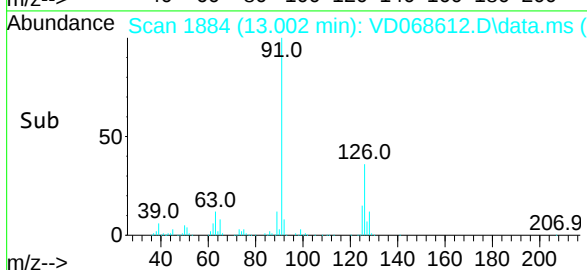
MMDadoda
3/15/2021 12:39:52 PM

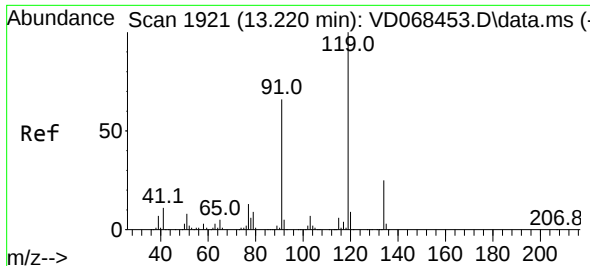


#82
4-Chlorotoluene
Concen: 43.98 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



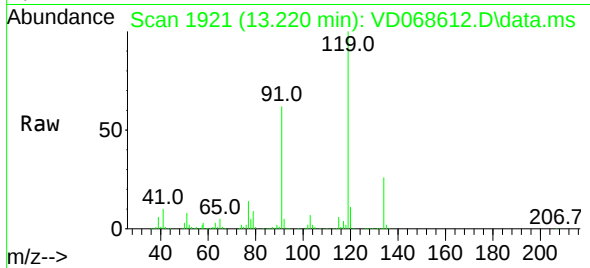
Tgt Ion: 91 Resp: 498510
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





#83
tert-Butylbenzene
Concen: 43.88 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

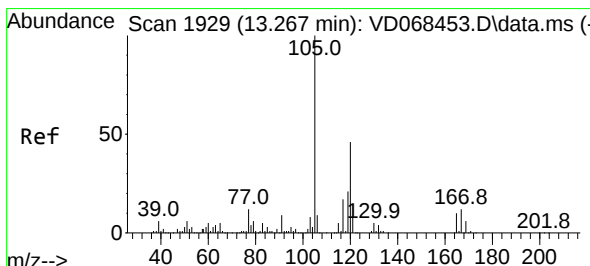
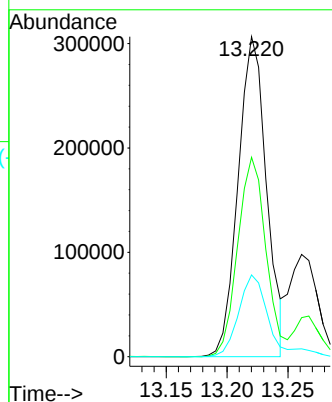
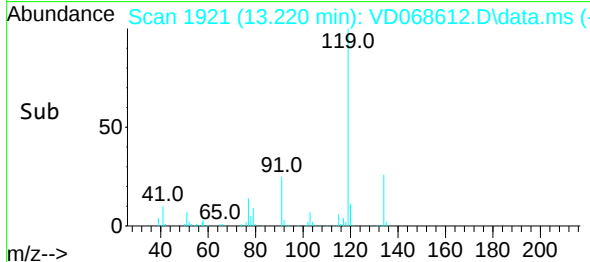
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



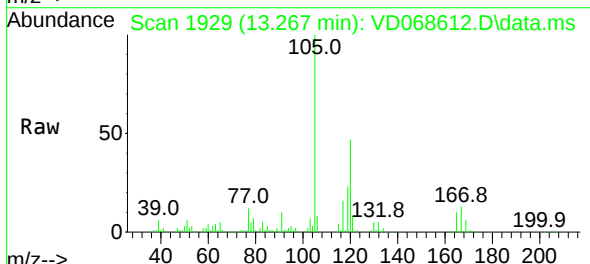
Tgt Ion:119 Resp: 497409
Ion Ratio Lower Upper
119 100
91 62.3 31.1 93.5
134 27.3 13.3 39.8

Manual Integrations
APPROVED

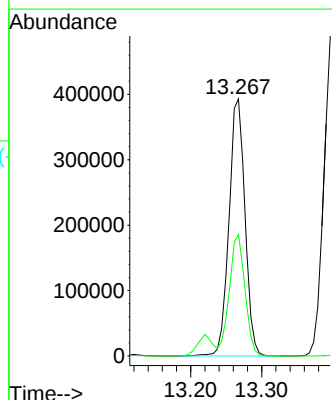
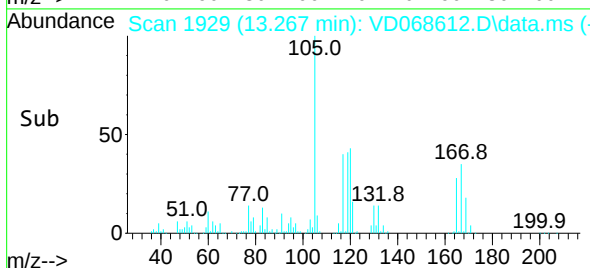
MMDadoda
3/15/2021 12:39:52 PM

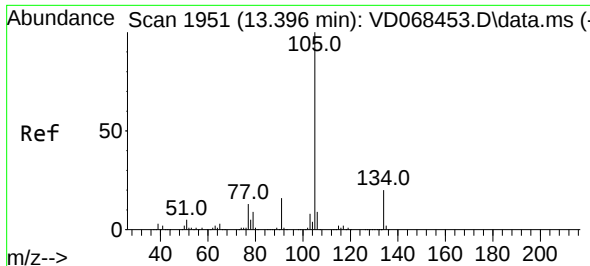


#84
1,2,4-Trimethylbenzene
Concen: 46.10 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



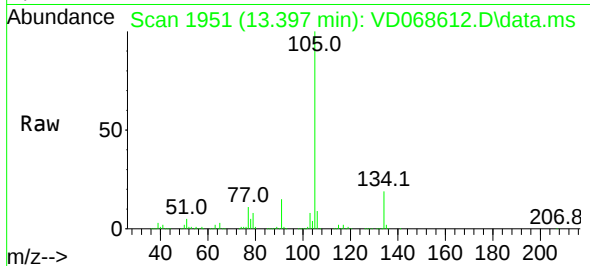
Tgt Ion:105 Resp: 614618
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.15 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54

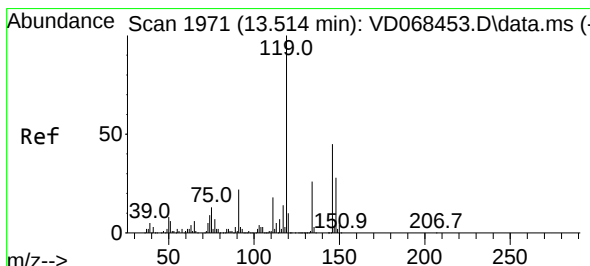
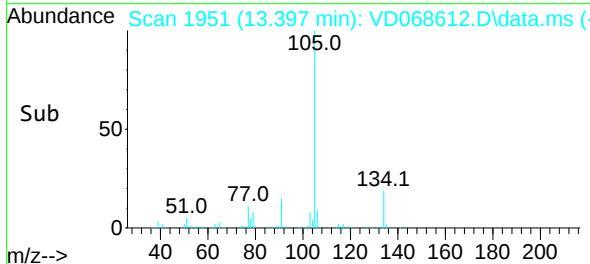
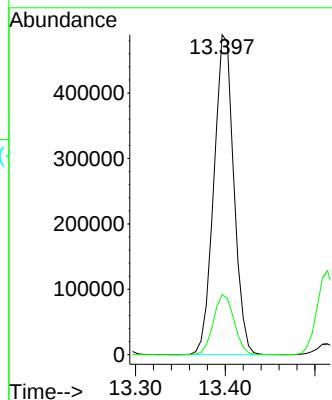
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



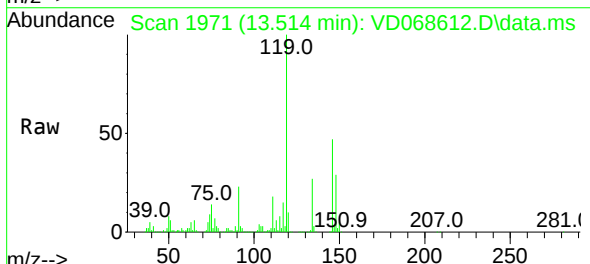
Tgt Ion:105 Resp: 754950
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.9

Manual Integrations
 APPROVED

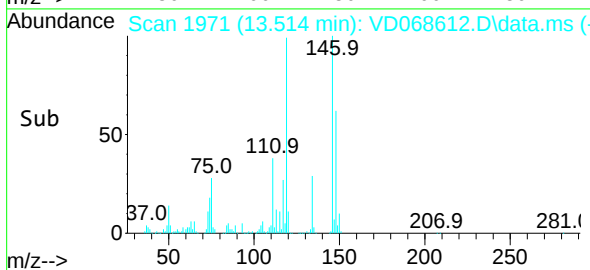
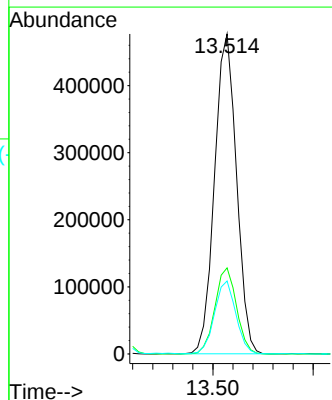
MMDadoda
 3/15/2021 12:39:52 PM

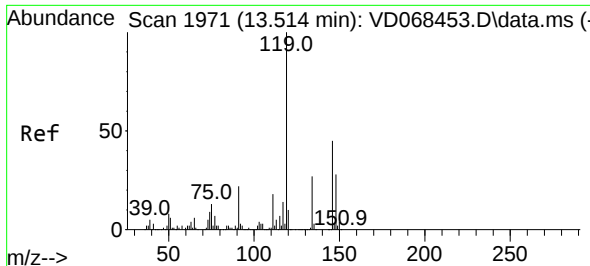


#86
 p-Isopropyltoluene
 Concen: 49.76 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54



Tgt Ion:119 Resp: 723254
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 22.2 11.7 35.0





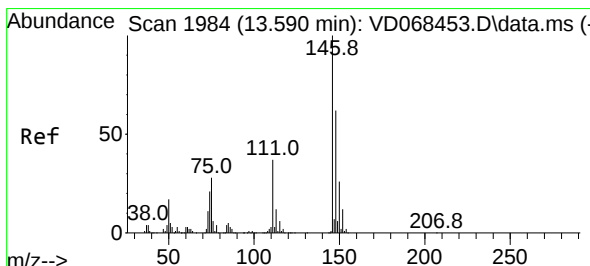
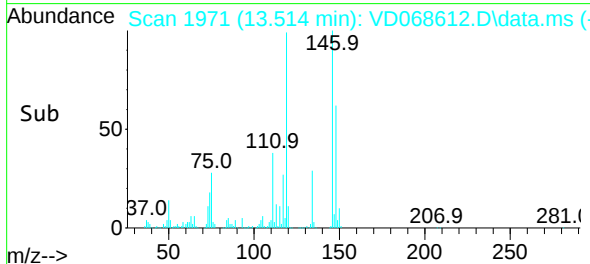
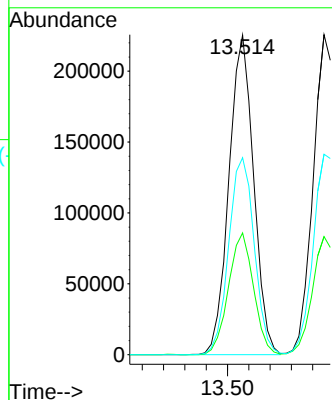
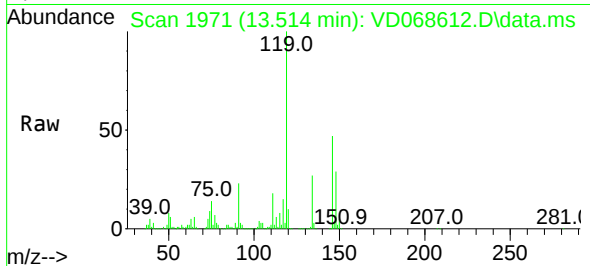
#87
 1,3-Dichlorobenzene
 Concen: 50.63 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54

Tgt Ion:146 Resp: 362523
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 64.0 31.6 95.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

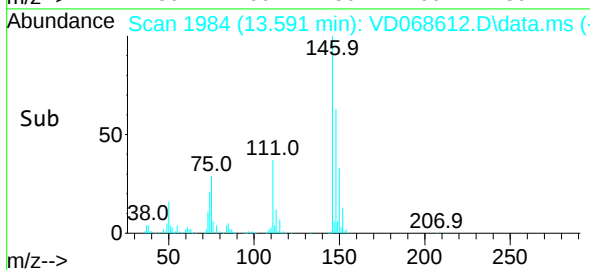
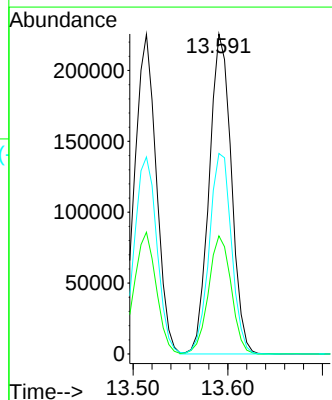
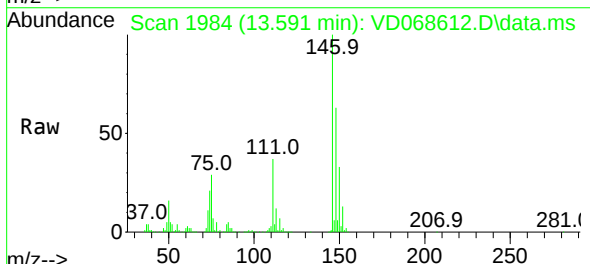
Manual Integrations
 APPROVED

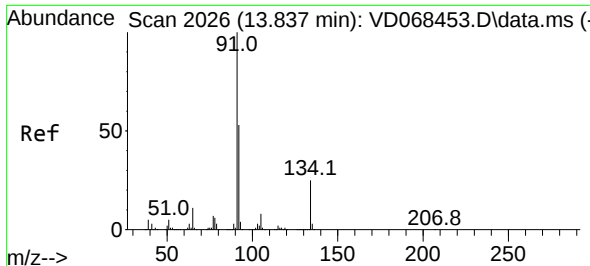
MMDadoda
 3/15/2021 12:39:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.58 ug/l
 RT: 13.591 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VD068612.D
 Acq: 12 Mar 2021 17:54

Tgt Ion:146 Resp: 365838
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.1
 148 63.2 31.9 95.7





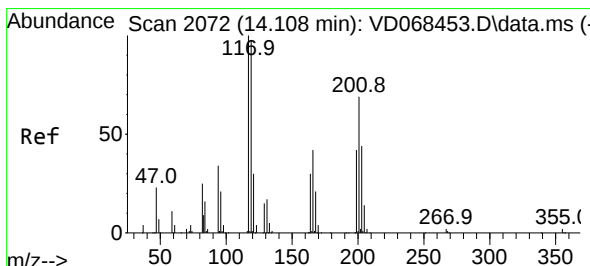
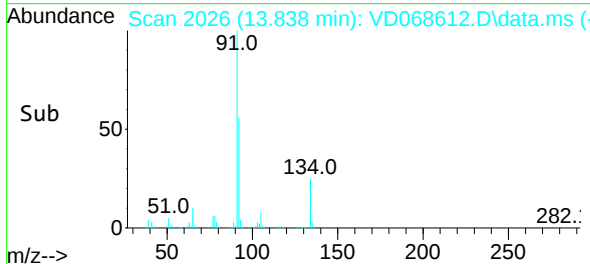
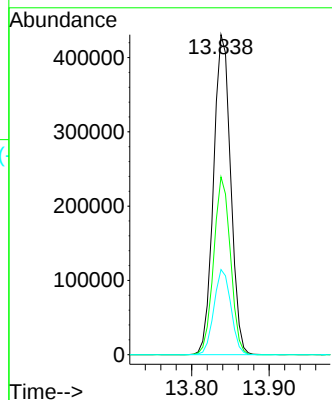
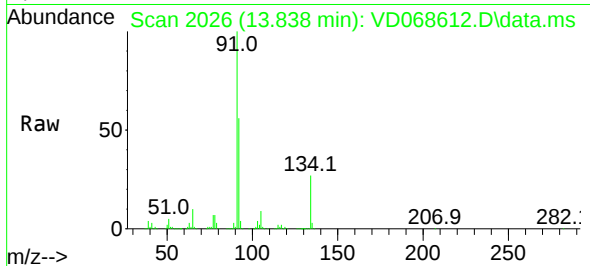
#89
n-Butylbenzene
Concen: 47.23 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 91 Resp: 662234
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 26.3 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

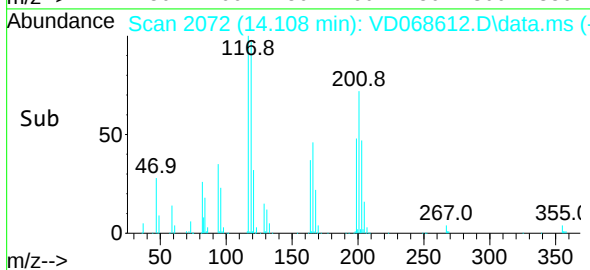
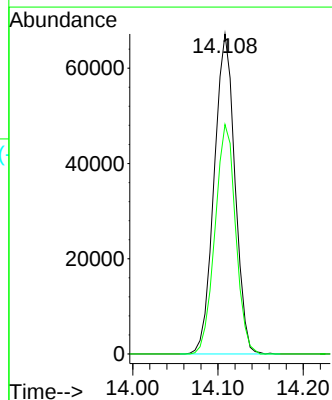
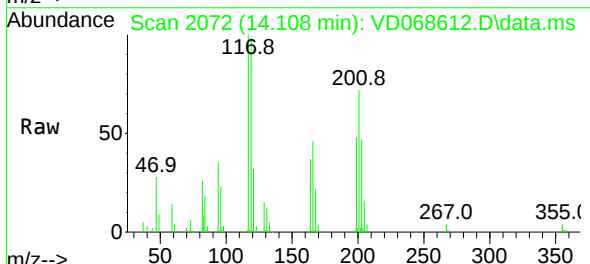
Manual Integrations
APPROVED

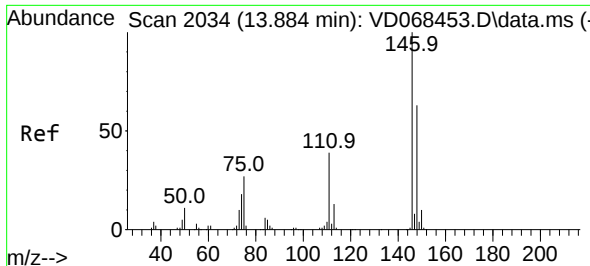
MMDadoda
3/15/2021 12:39:52 PM



#90
Hexachloroethane
Concen: 39.32 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 117 Resp: 113588
Ion Ratio Lower Upper
117 100
201 71.3 39.5 118.5





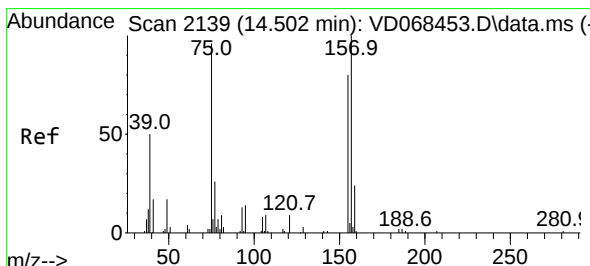
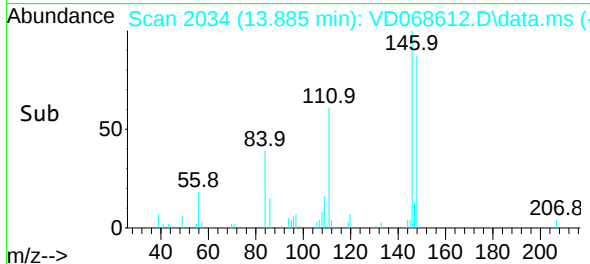
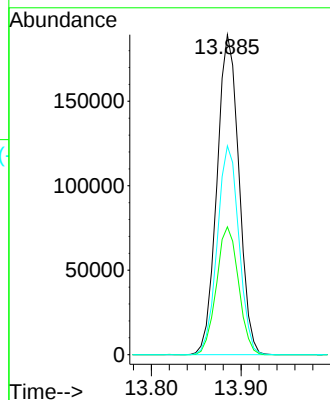
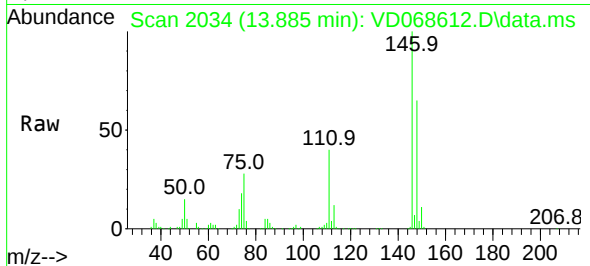
#91
1,2-Dichlorobenzene
Concen: 52.36 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:146 Resp: 321522
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 64.4 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

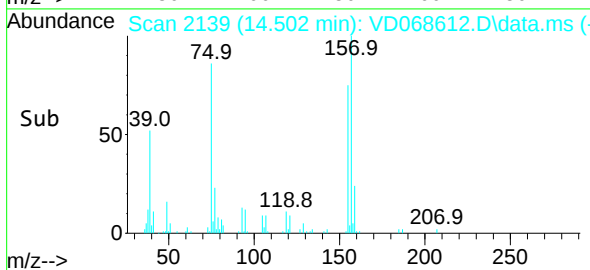
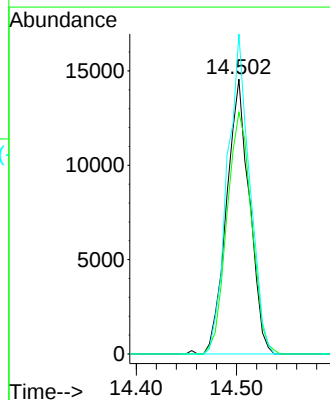
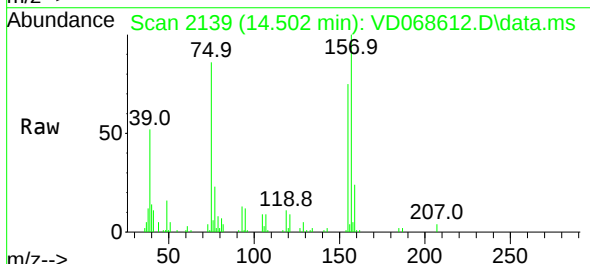
Manual Integrations
APPROVED

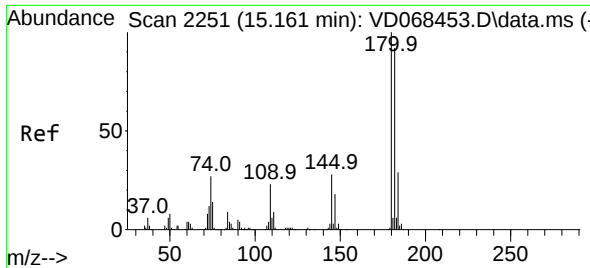
MMDadoda
3/15/2021 12:39:52 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.02 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion: 75 Resp: 23164
Ion Ratio Lower Upper
75 100
155 94.3 48.0 144.2
157 113.3 65.0 194.8





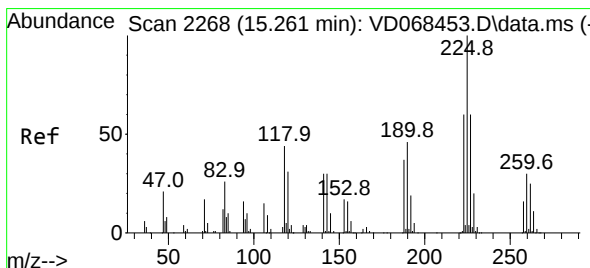
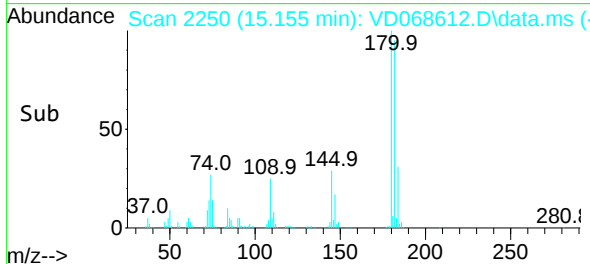
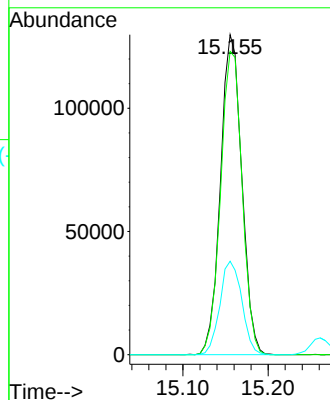
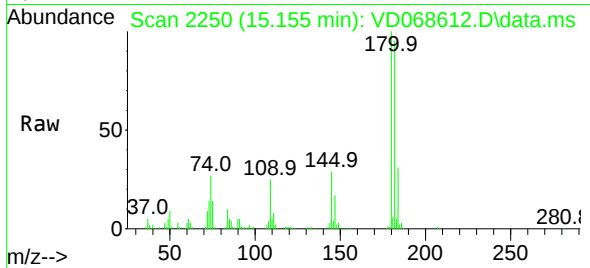
#93
1,2,4-Trichlorobenzene
Concen: 47.56 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:180 Resp: 225579
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.4
145 30.1 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

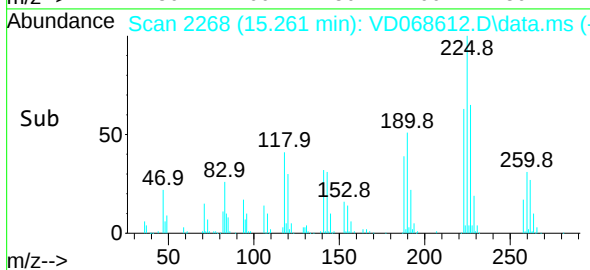
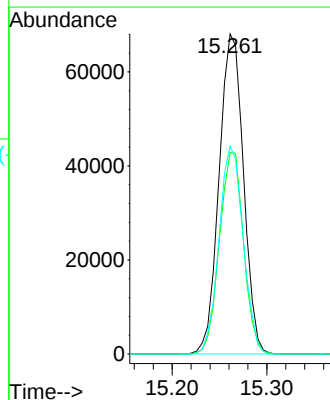
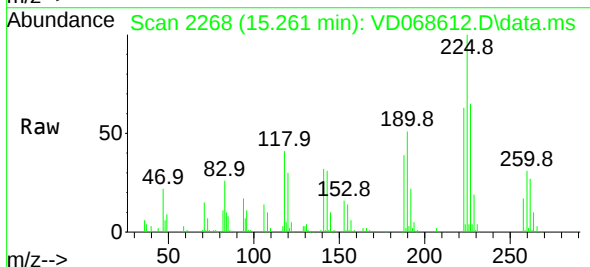
Manual Integrations
APPROVED

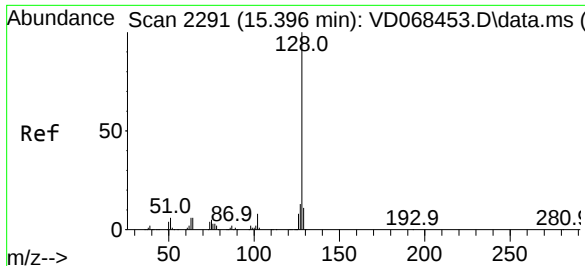
MMDadoda
3/15/2021 12:39:52 PM



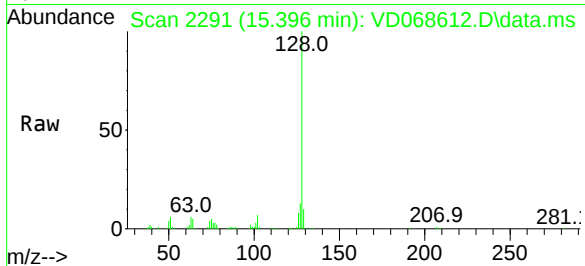
#94
Hexachlorobutadiene
Concen: 46.21 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54

Tgt Ion:225 Resp: 121638
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.5
227 64.3 32.1 96.5

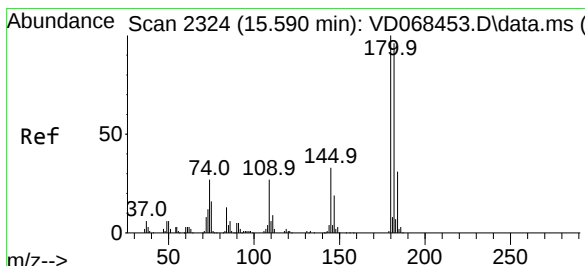
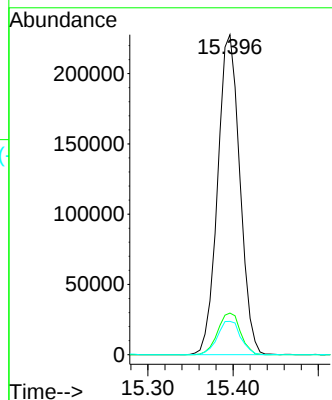
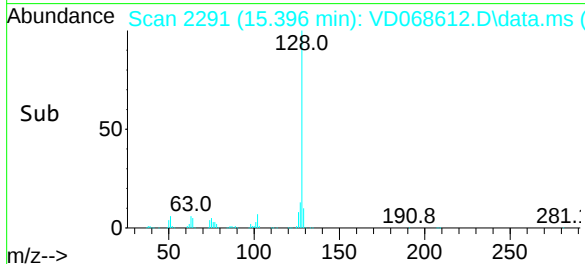




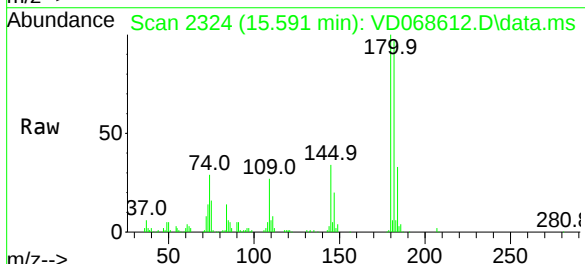
#95
Naphthalene
Concen: 47.98 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



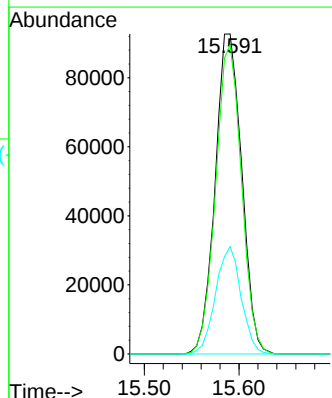
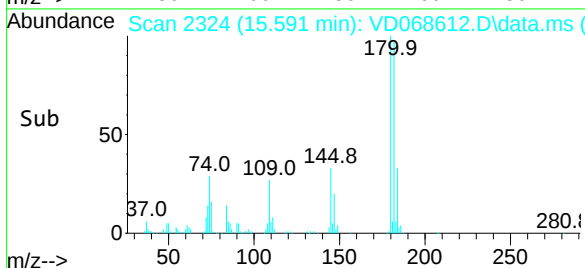
Tgt Ion:128 Resp: 412062
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.04 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068612.D
Acq: 12 Mar 2021 17:54



Tgt Ion:180 Resp: 180842
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.8
145 32.1 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:52 PM