

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068594.D
 Acq On : 11 Mar 2021 19:26
 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
 3/12/2021 2:01:30 PM

Quant Time: Mar 12 00:15:10 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	7.985	168	367601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	622818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	582452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	327952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	175264	47.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.44%			
35) Dibromofluoromethane	7.920	113	193408	51.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.10%			
50) Toluene-d8	10.344	98	705596	47.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.44%			
62) 4-Bromofluorobenzene	12.632	95	253265	52.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.18%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	156196	43.78	ug/l	96
3) Chloromethane	2.209	50	183338	40.67	ug/l	97
4) Vinyl Chloride	2.350	62	234484	43.80	ug/l	99
5) Bromomethane	2.767	94	190562	49.99	ug/l	98
6) Chloroethane	2.920	64	162935	47.07	ug/l	95
7) Trichlorofluoromethane	3.273	101	305019	49.95	ug/l	97
8) Diethyl Ether	3.709	74	96218	52.92	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	198841	53.44	ug/l	98
10) Methyl Iodide	4.303	142	236770	53.05	ug/l	94
11) Tert butyl alcohol	5.220	59	50719	258.64	ug/l	96
12) 1,1-Dichloroethene	4.067	96	190232	51.53	ug/l	98
13) Acrolein	3.926	56	57141	203.88	ug/l	97
14) Allyl chloride	4.720	41	219751	46.10	ug/l	92
15) Acrylonitrile	5.426	53	174416	227.29	ug/l	99
16) Acetone	4.156	43	133670	229.12	ug/l	96
17) Carbon Disulfide	4.414	76	574904	47.53	ug/l	99
18) Methyl Acetate	4.720	43	80412	53.48	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	402460	50.28	ug/l	93
20) Methylene Chloride	4.973	84	253704	58.89	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	207130	46.99	ug/l	96
22) Diisopropyl ether	6.361	45	473681	45.13	ug/l	98
23) Vinyl Acetate	6.308	43	1228846	225.64	ug/l	98
24) 1,1-Dichloroethane	6.267	63	333370	46.33	ug/l	99
25) 2-Butanone	7.214	43	181028	215.86	ug/l	92
26) 2,2-Dichloropropane	7.208	77	282458	47.12	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	238255	49.24	ug/l	99
28) Bromochloromethane	7.550	49	130203	46.36	ug/l	95
29) Tetrahydrofuran	7.567	42	116854	214.59	ug/l	94
30) Chloroform	7.714	83	375684	49.44	ug/l	99
31) Cyclohexane	7.991	56	258557	38.71	ug/l	98
32) 1,1,1-Trichloroethane	7.908	97	315571	48.66	ug/l	97
36) 1,1-Dichloropropene	8.114	75	269612	45.54	ug/l	98
37) Ethyl Acetate	7.297	43	83281	42.40	ug/l	98
38) Carbon Tetrachloride	8.097	117	276040	49.62	ug/l	98
39) Methylcyclohexane	9.355	83	319656	43.78	ug/l	96
40) Benzene	8.355	78	794757	46.80	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068594.D
 Acq On : 11 Mar 2021 19:26
 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
 3/12/2021 2:01:30 PM

Quant Time: Mar 12 00:15:10 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	7.520	41	57660m	50.57	ug/l	
42) 1,2-Dichloroethane	8.426	62	223153	49.97	ug/l	98
43) Isopropyl Acetate	8.455	43	172504	47.78	ug/l	99
44) Trichloroethene	9.114	130	231792	49.72	ug/l	99
45) 1,2-Dichloropropane	9.391	63	198579	48.91	ug/l	96
46) Dibromomethane	9.479	93	112423	50.90	ug/l	96
47) Bromodichloromethane	9.667	83	288368	50.48	ug/l	98
48) Methyl methacrylate	9.461	41	78944	41.02	ug/l #	78
49) 1,4-Dioxane	9.461	88	25587	1015.88	ug/l	99
51) 4-Methyl-2-Pentanone	10.232	43	440824	233.35	ug/l	98
52) Toluene	10.408	92	533130	49.16	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	263265	49.86	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	315327	48.95	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	158876	51.98	ug/l	95
56) Ethyl methacrylate	10.661	69	182758	52.02	ug/l	95
57) 1,3-Dichloropropane	10.949	76	264365	49.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	429319	243.58	ug/l	96
59) 2-Hexanone	10.985	43	300261	238.45	ug/l	98
60) Dibromochloromethane	11.138	129	200829	53.08	ug/l	99
61) 1,2-Dibromoethane	11.249	107	152435	50.97	ug/l	100
64) Tetrachloroethene	10.879	164	192229	50.54	ug/l	97
65) Chlorobenzene	11.673	112	592570	49.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	218900	53.09	ug/l	98
67) Ethyl Benzene	11.743	91	1032019	48.74	ug/l	99
68) m/p-Xylenes	11.855	106	802107	99.75	ug/l	98
69) o-Xylene	12.179	106	382624	51.66	ug/l	93
70) Styrene	12.191	104	660011	52.11	ug/l	99
71) Bromoform	12.361	173	120488	57.52	ug/l #	100
73) Isopropylbenzene	12.479	105	1030568	42.37	ug/l	98
74) N-amyl acetate	12.285	43	171212	41.32	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	177826	42.50	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	124575m	42.79	ug/l	
77) Bromobenzene	12.761	156	258943	46.65	ug/l	99
78) n-propylbenzene	12.820	91	1243380	42.78	ug/l	99
79) 2-Chlorotoluene	12.908	91	692915	42.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	885973	44.44	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	51476	41.26	ug/l	93
82) 4-Chlorotoluene	13.002	91	723726	42.64	ug/l	100
83) tert-Butylbenzene	13.220	119	743512	43.80	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	900808	45.12	ug/l	98
85) sec-Butylbenzene	13.396	105	1096206	45.72	ug/l	100
86) p-Isopropyltoluene	13.514	119	1040430	47.80	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	526500	49.11	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	517404	48.71	ug/l	100
89) n-Butylbenzene	13.837	91	947148	45.11	ug/l	98
90) Hexachloroethane	14.108	117	163356	37.76	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	457523	49.76	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	29784	40.38	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	314870	44.33	ug/l	99
94) Hexachlorobutadiene	15.261	225	175138	44.43	ug/l	99
95) Naphthalene	15.396	128	556996	43.31	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	263028	42.78	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
Data File : VD068594.D
Acq On : 11 Mar 2021 19:26
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
3/12/2021 2:01:30 PM

Quant Time: Mar 12 00:15:10 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

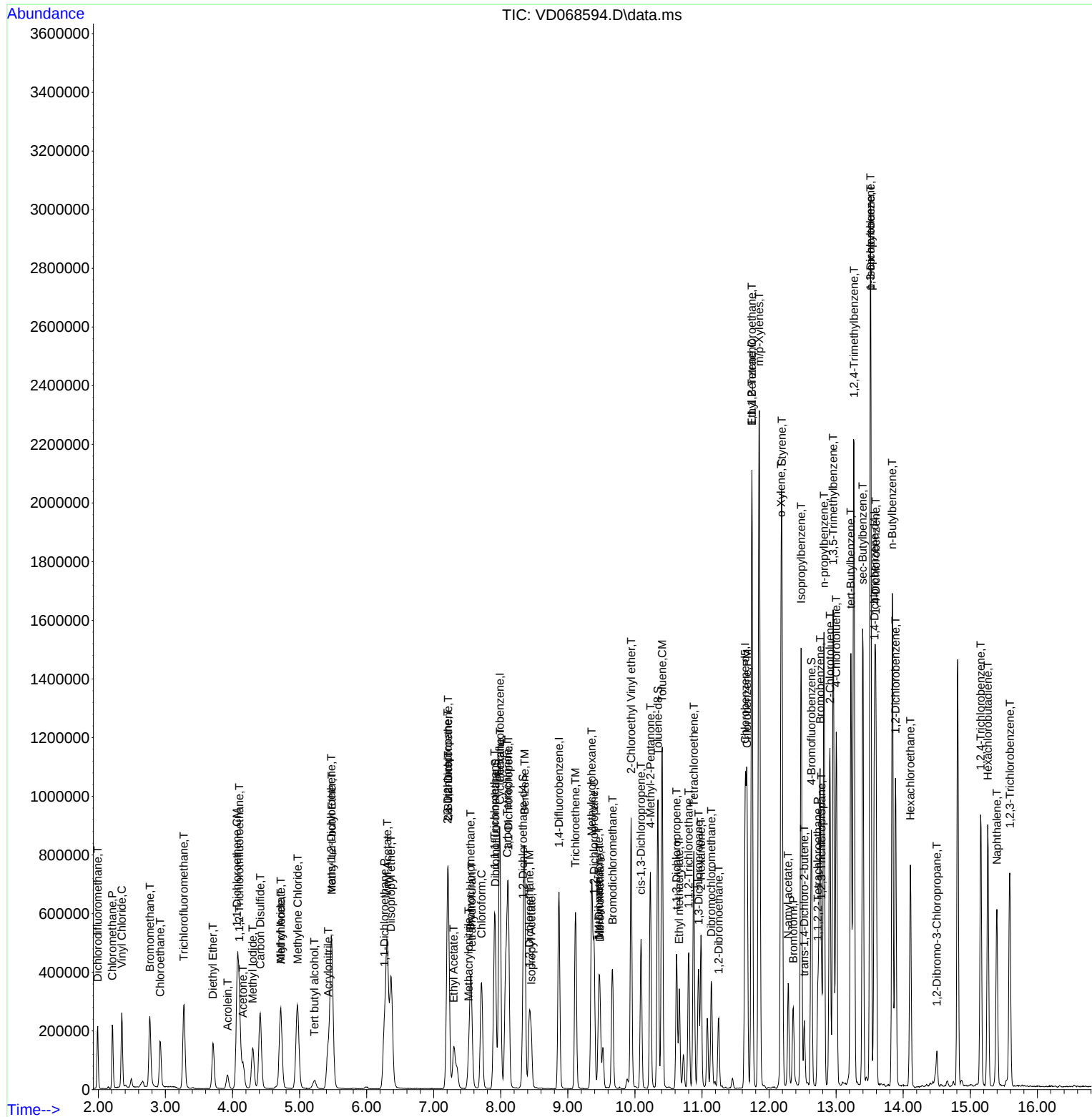
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
Data File : VD068594.D
Acq On : 11 Mar 2021 19:26
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

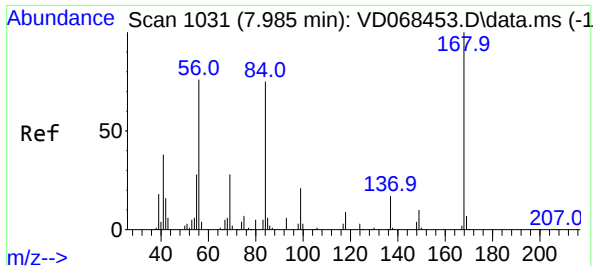
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

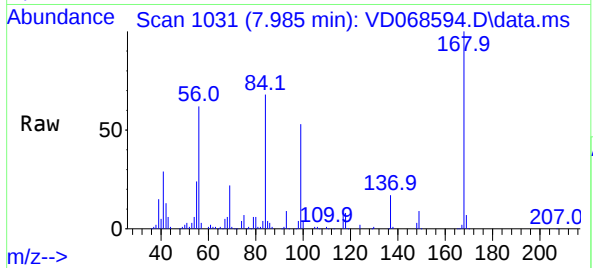
MMDadoda
3/12/2021 2:01:30 PM

Quant Time: Mar 12 00:15:10 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

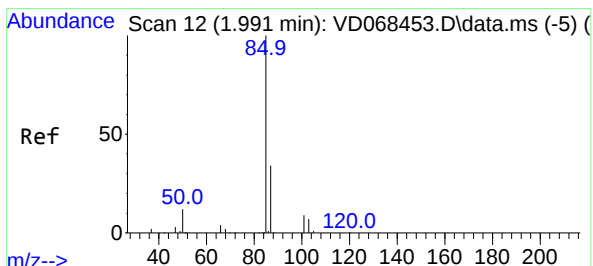
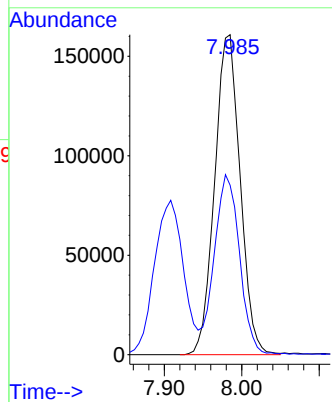
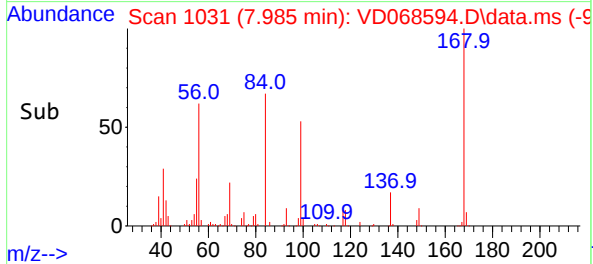




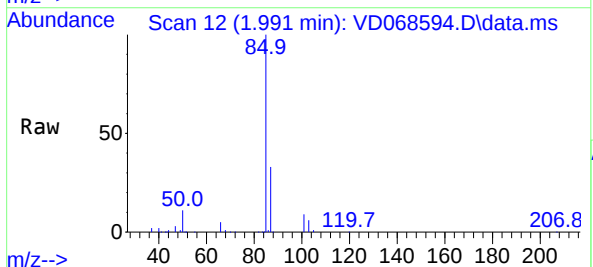
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



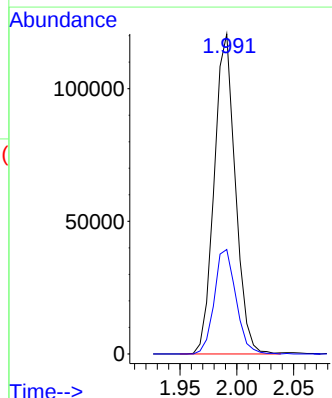
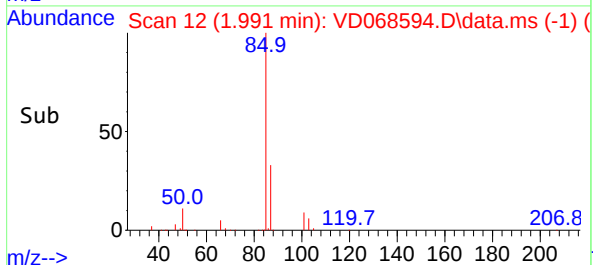
Tgt Ion:168 Resp: 367601
Ion Ratio Lower Upper
168 100
99 52.6 43.5 65.3



Dichlorodifluoromethane
Concen: 43.78 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



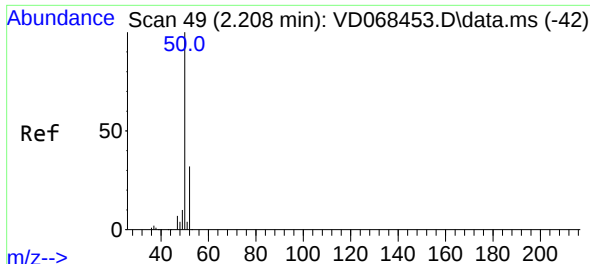
Tgt Ion: 85 Resp: 156196
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



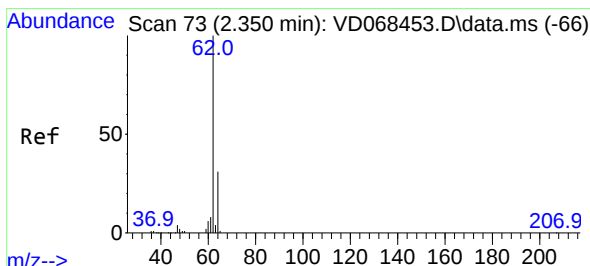
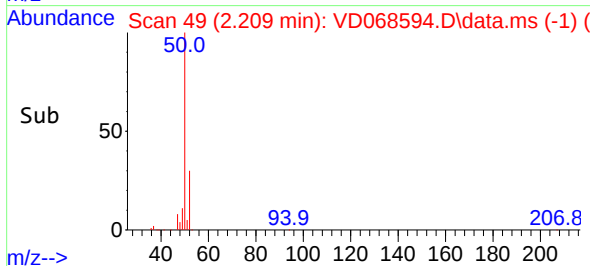
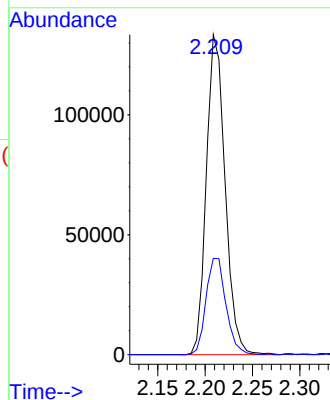
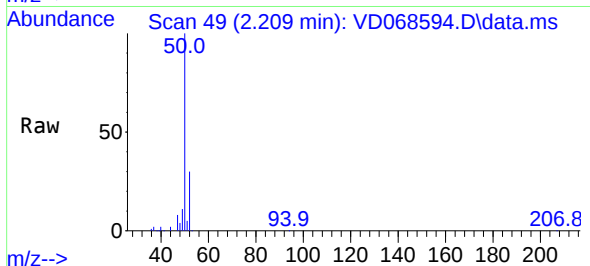
#3
Chloromethane
Concen: 40.67 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 50 Resp: 183338
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

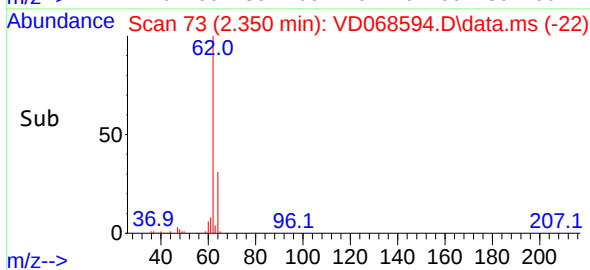
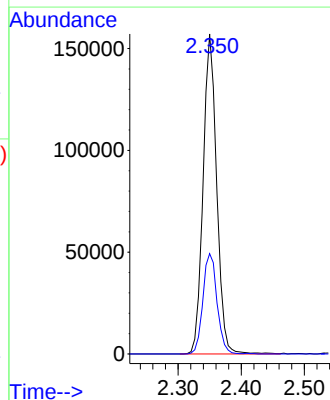
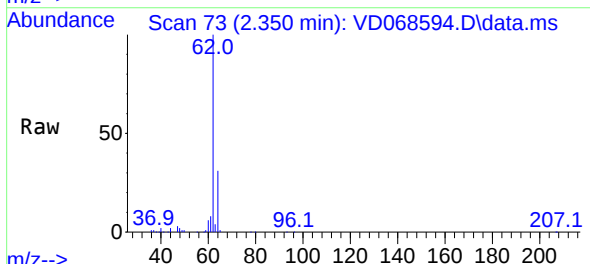
Manual Integrations
APPROVED

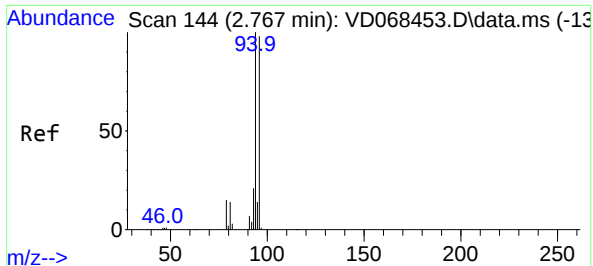
MMDadoda
3/12/2021 2:01:30 PM



#4
Vinyl Chloride
Concen: 43.80 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 62 Resp: 234484
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





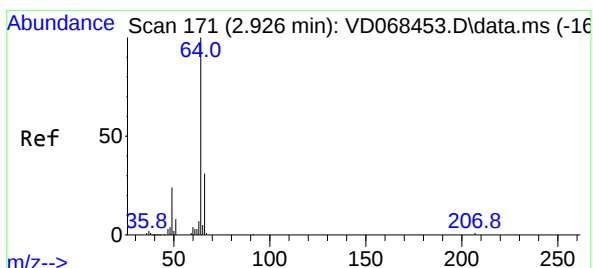
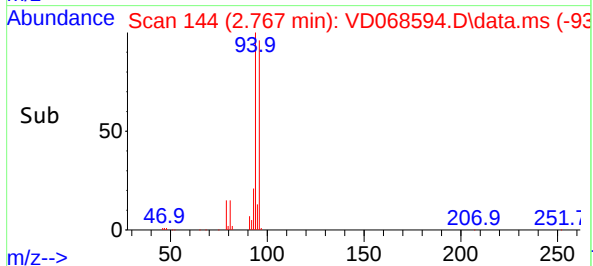
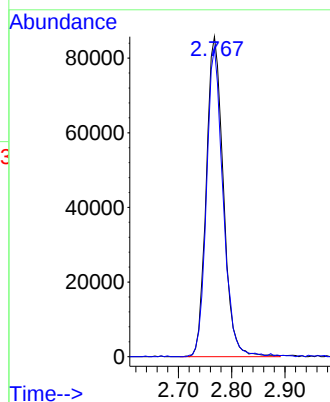
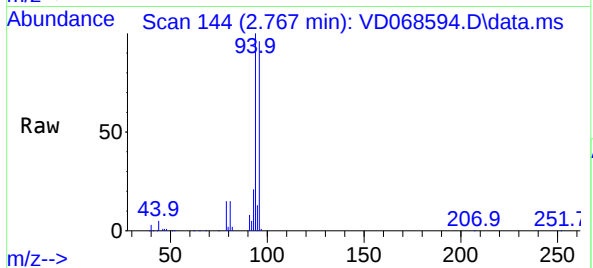
#5
Bromomethane
Concen: 49.99 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 94 Resp: 190562
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

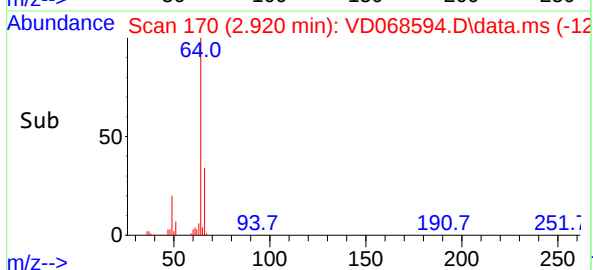
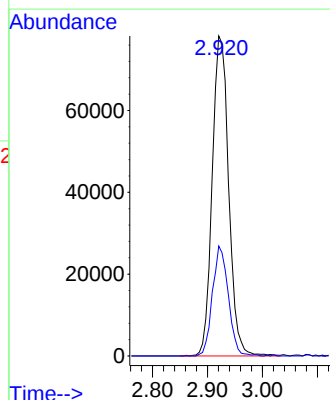
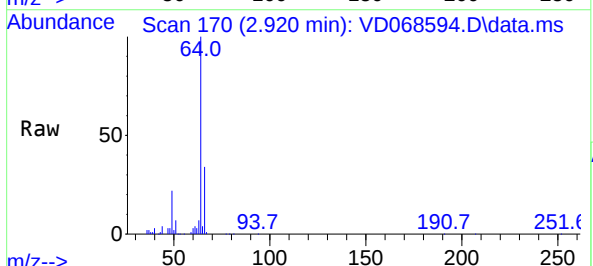
Manual Integrations
APPROVED

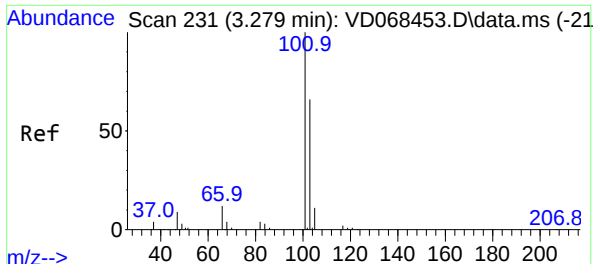
MMDadoda
3/12/2021 2:01:30 PM



#6
Chloroethane
Concen: 47.07 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 64 Resp: 162935
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7





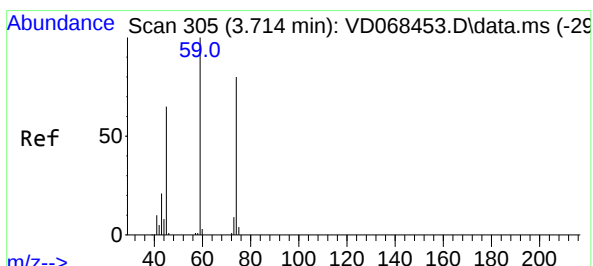
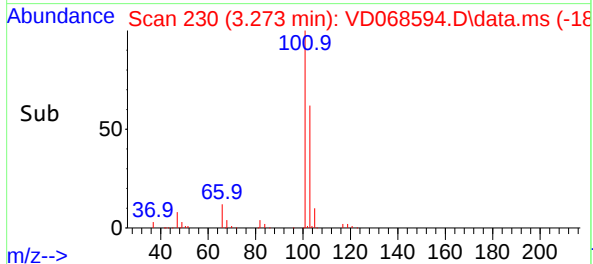
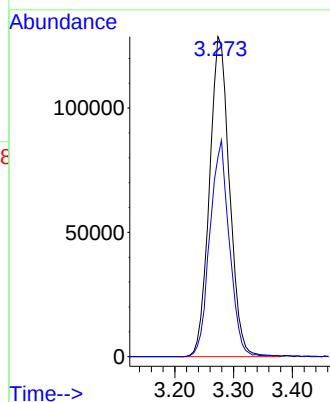
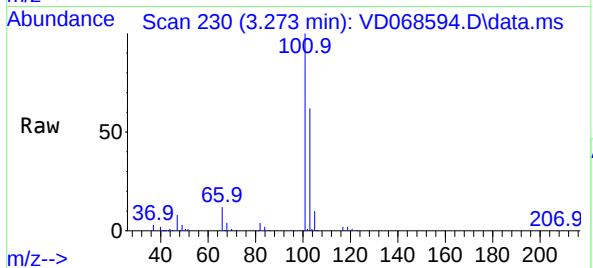
#7
Trichlorofluoromethane
Concen: 49.95 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:101 Resp: 305019
Ion Ratio Lower Upper
101 100
103 62.3 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

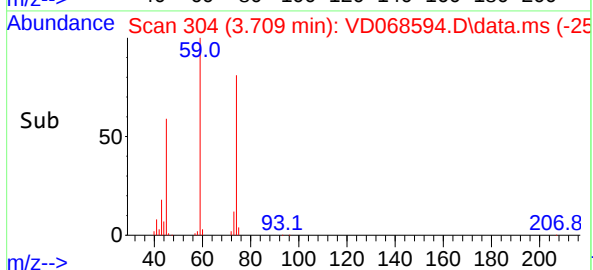
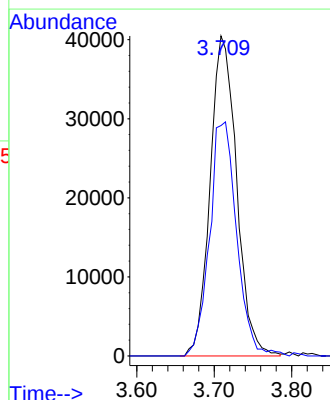
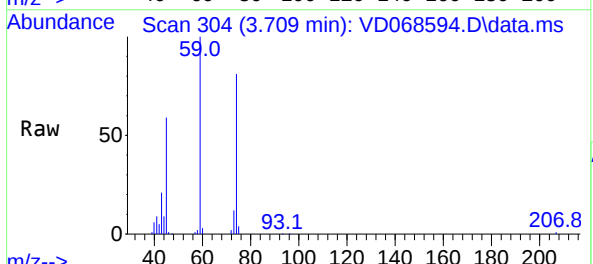
Manual Integrations
APPROVED

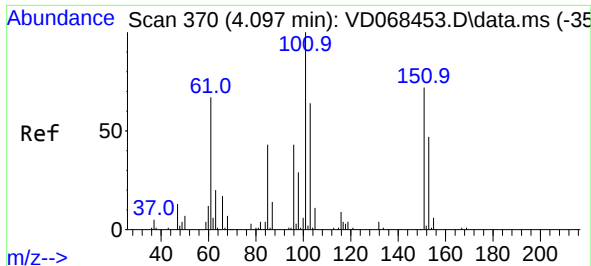
MMDadoda
3/12/2021 2:01:30 PM



#8
Diethyl Ether
Concen: 52.92 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 74 Resp: 96218
Ion Ratio Lower Upper
74 100
45 74.8 42.1 126.4





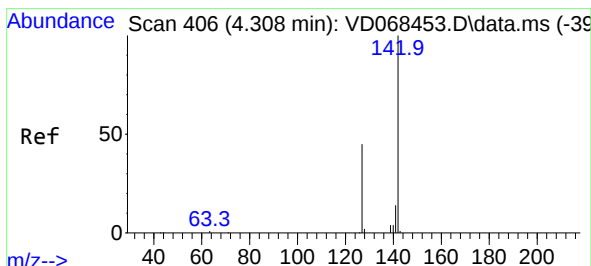
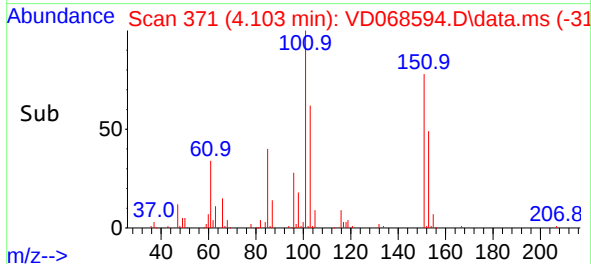
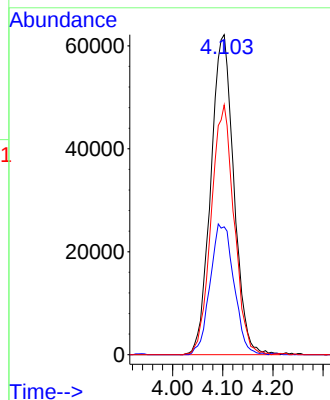
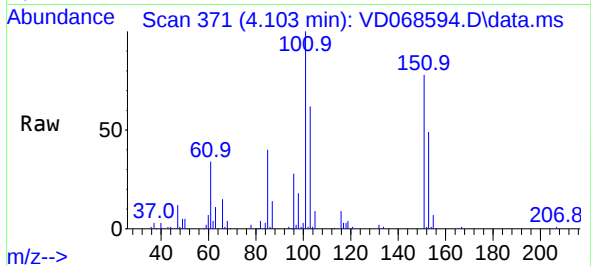
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.44 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:101 Resp: 198841
Ion Ratio Lower Upper
101 100
85 42.1 34.0 51.0
151 77.4 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

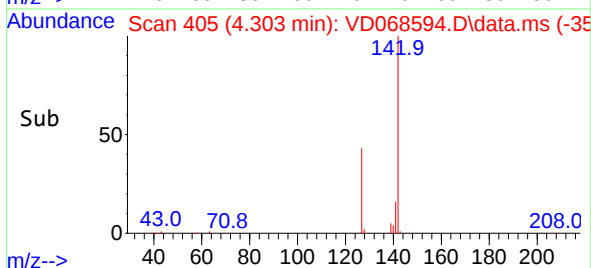
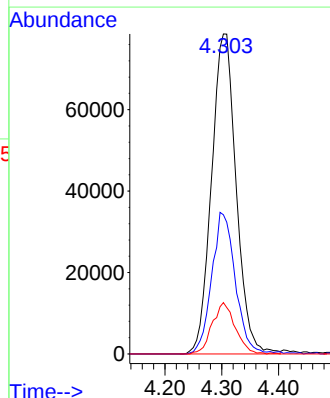
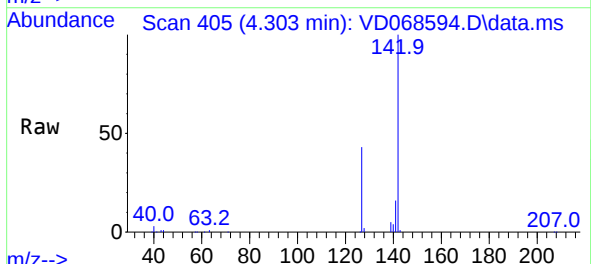
Manual Integrations
APPROVED

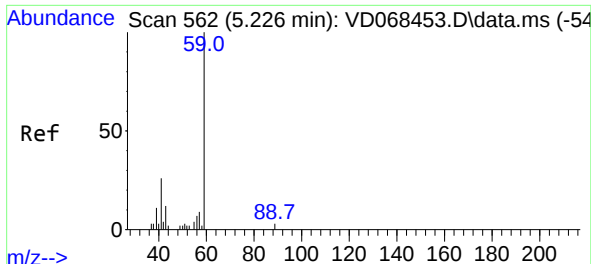
MMDadoda
3/12/2021 2:01:30 PM



#10
Methyl Iodide
Concen: 53.05 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:142 Resp: 236770
Ion Ratio Lower Upper
142 100
127 42.6 37.9 56.9
141 15.0 11.5 17.3





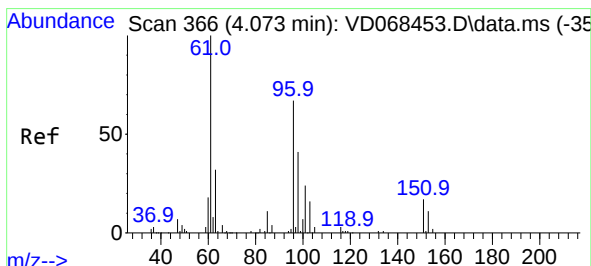
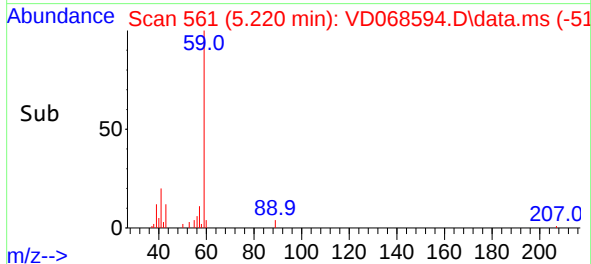
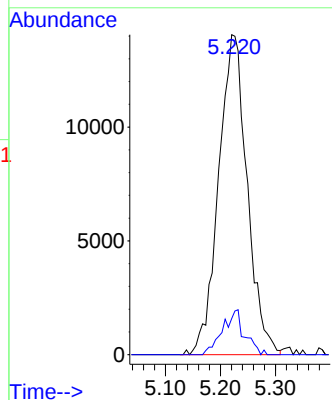
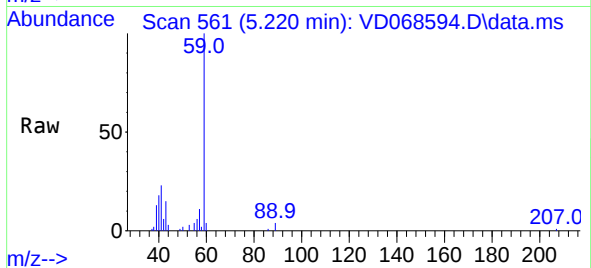
#11
Tert butyl alcohol
Concen: 258.64 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 59 Resp: 50719
Ion Ratio Lower Upper
59 100
57 10.8 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

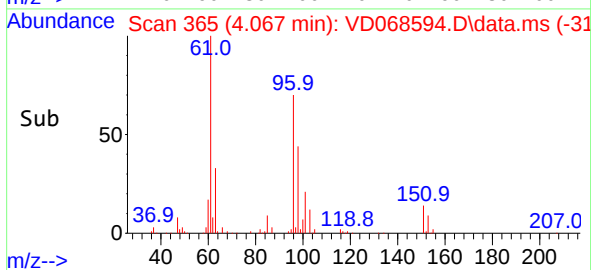
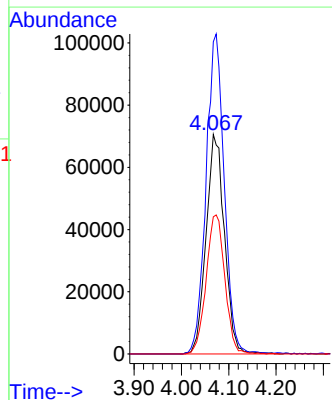
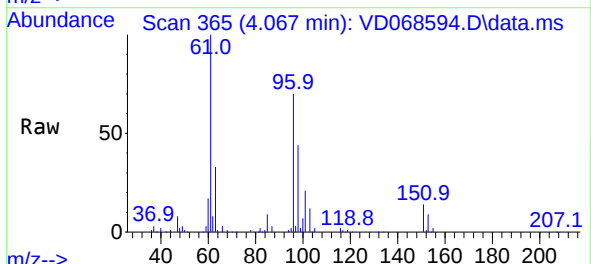
Manual Integrations
APPROVED

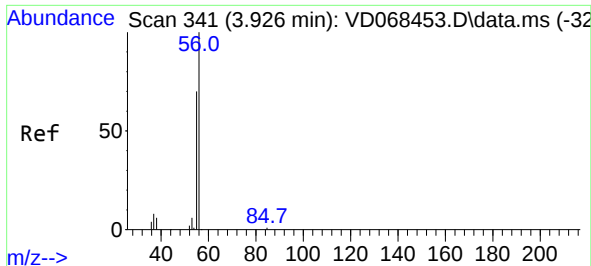
MMDadoda
3/12/2021 2:01:30 PM



#12
1,1-Dichloroethene
Concen: 51.53 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 96 Resp: 190232
Ion Ratio Lower Upper
96 100
61 142.2 116.2 174.4
98 62.5 48.6 73.0





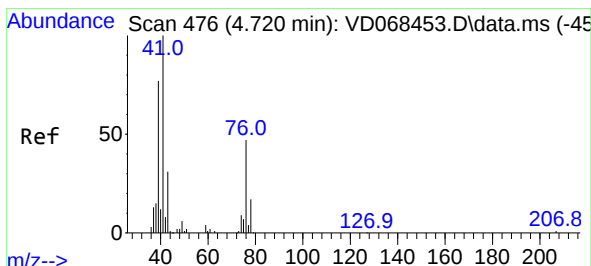
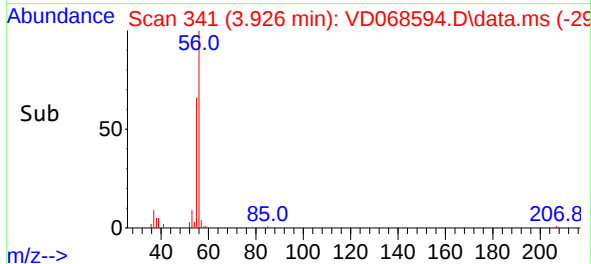
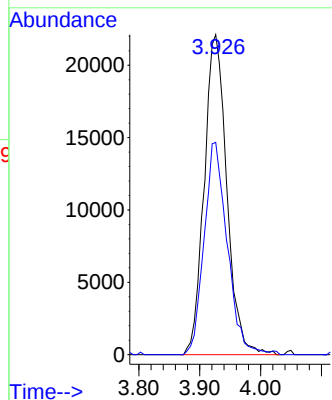
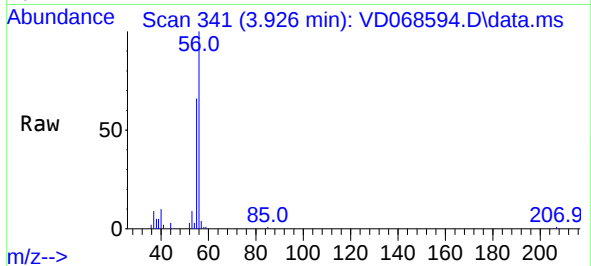
#13
Acrolein
Concen: 203.88 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 56 Resp: 57141
Ion Ratio Lower Upper
56 100
55 68.1 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

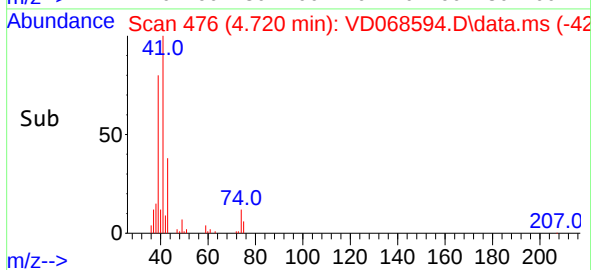
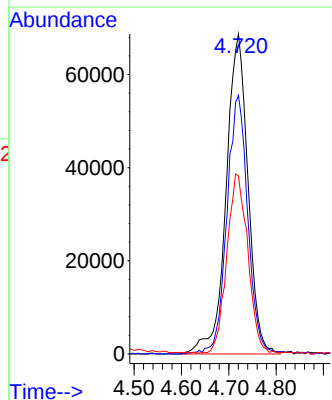
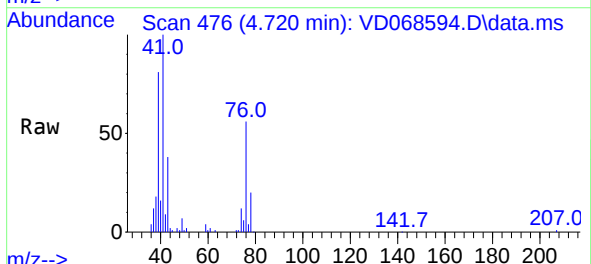
Manual Integrations
APPROVED

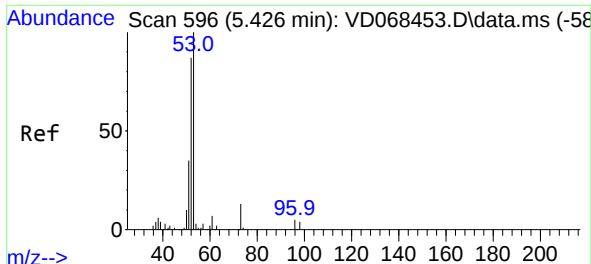
MMDadoda
3/12/2021 2:01:30 PM



#14
Allyl chloride
Concen: 46.10 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

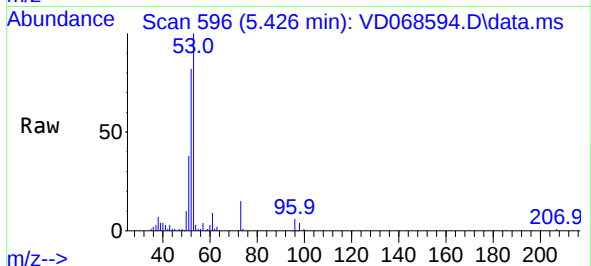
Tgt Ion: 41 Resp: 219751
Ion Ratio Lower Upper
41 100
39 77.7 56.3 84.5
76 53.4 38.9 58.3





#15
Acrylonitrile
Concen: 227.29 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

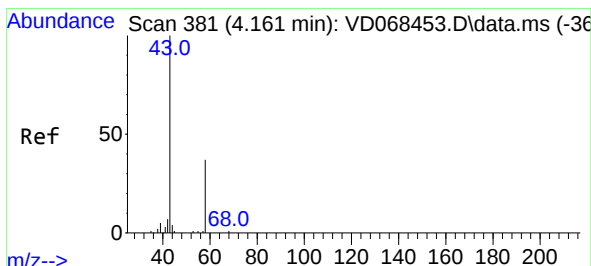
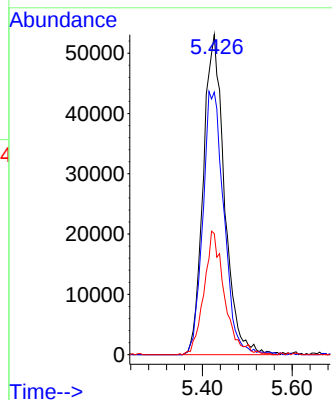
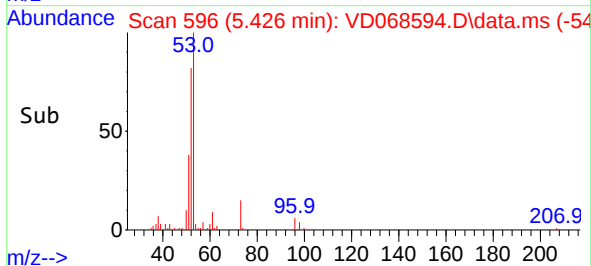
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



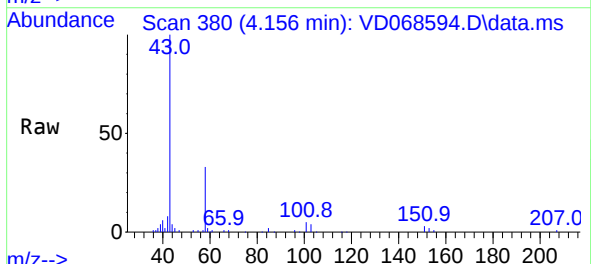
Tgt Ion: 53 Resp: 174416
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 37.5 29.0 43.4

Manual Integrations
APPROVED

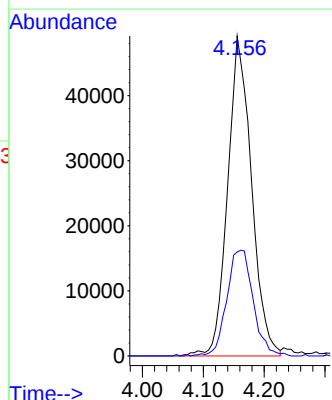
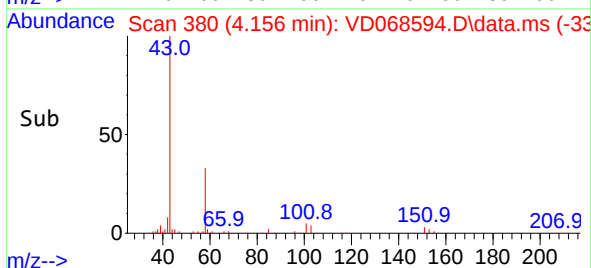
MMDadoda
3/12/2021 2:01:30 PM

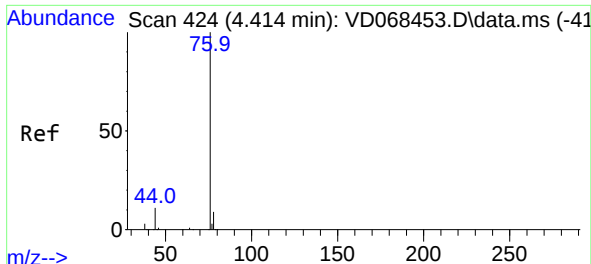


#16
Acetone
Concen: 229.12 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion: 43 Resp: 133670
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4





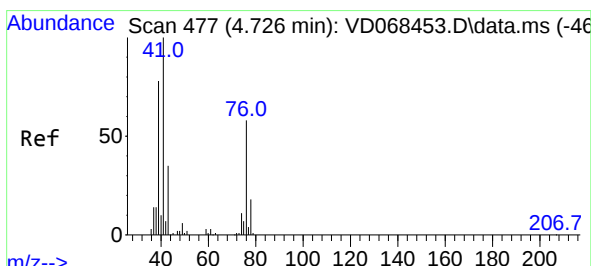
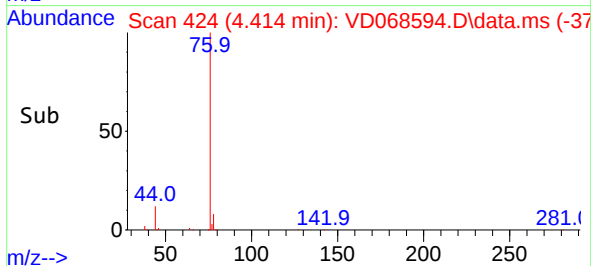
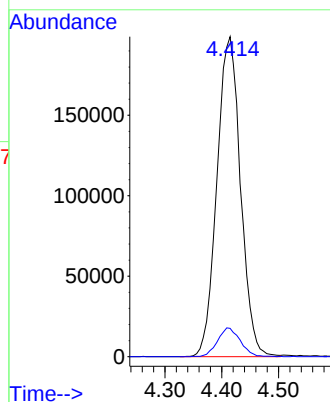
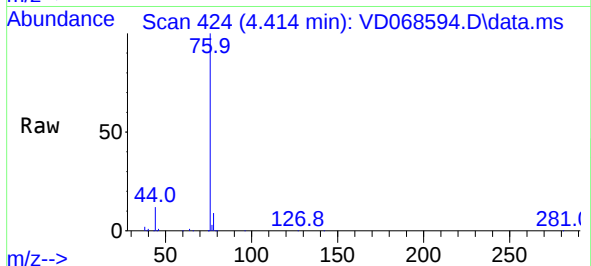
#17
Carbon Disulfide
Concen: 47.53 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 76 Resp: 574904
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

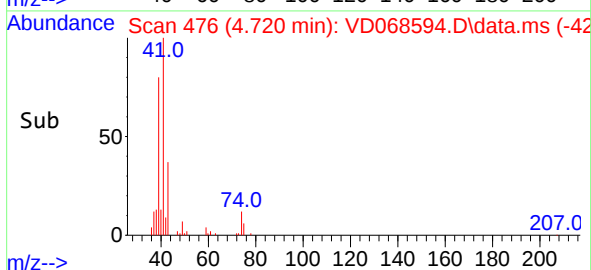
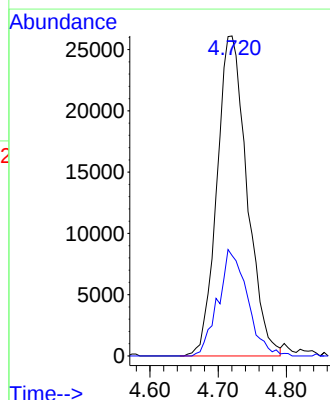
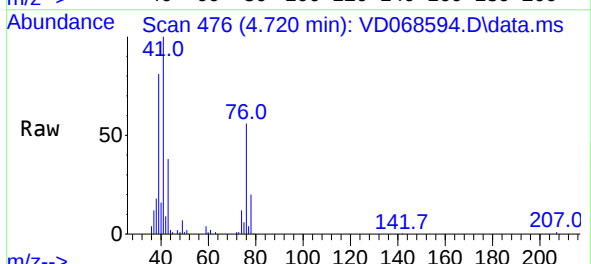
Manual Integrations
APPROVED

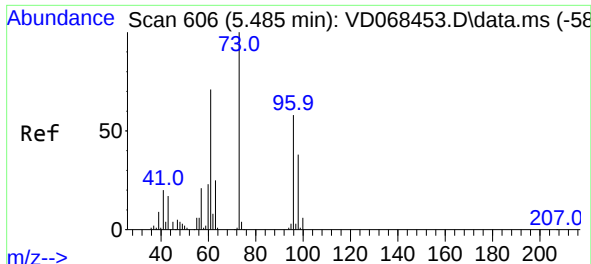
MMDadoda
3/12/2021 2:01:30 PM



#18
Methyl Acetate
Concen: 53.48 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

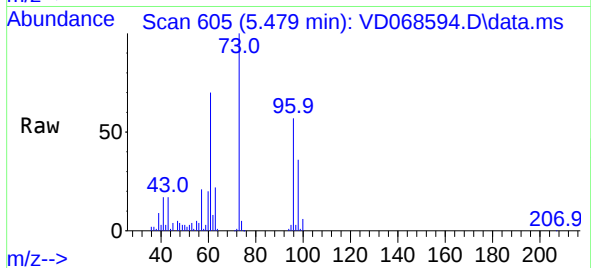
Tgt Ion: 43 Resp: 80412
Ion Ratio Lower Upper
43 100
74 32.3 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 50.28 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

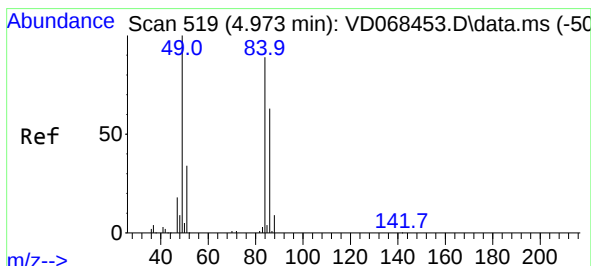
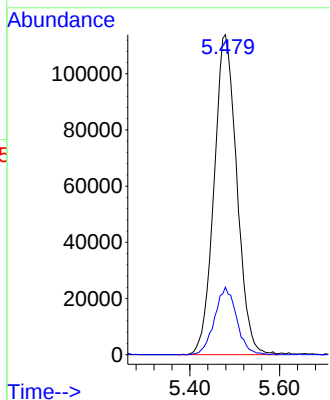
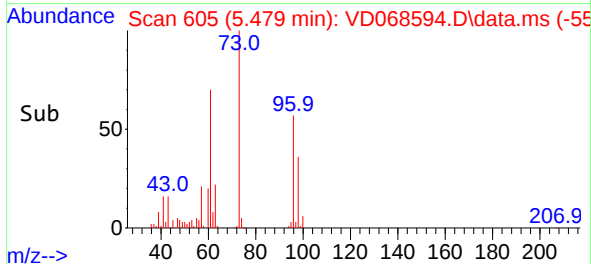
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



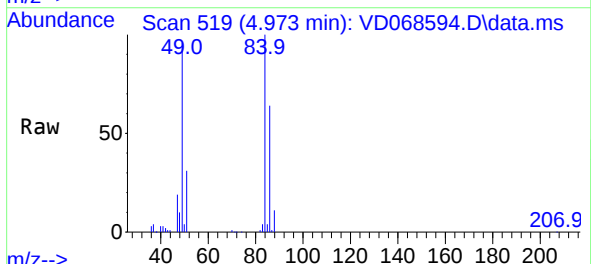
Tgt Ion: 73 Resp: 402460
Ion Ratio Lower Upper
73 100
57 21.1 14.4 21.6

Manual Integrations
APPROVED

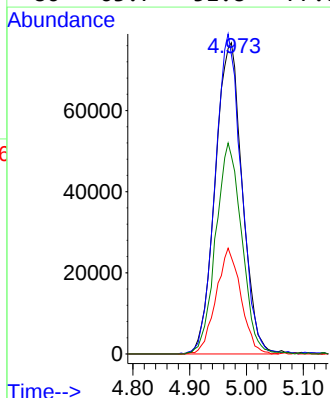
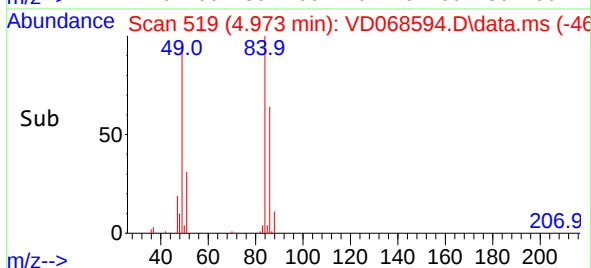
MMDadoda
3/12/2021 2:01:30 PM

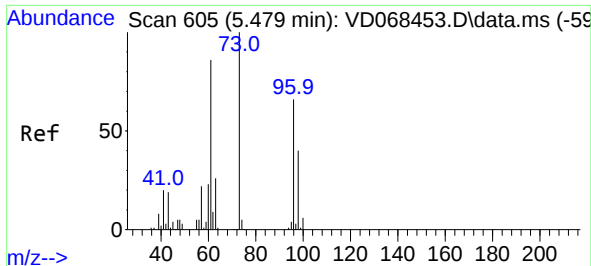


#20
Methylene Chloride
Concen: 58.89 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

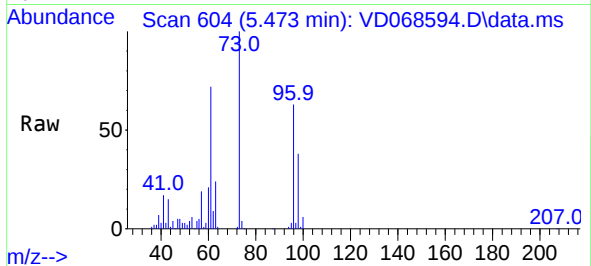


Tgt Ion: 84 Resp: 253704
Ion Ratio Lower Upper
84 100
49 96.3 77.4 116.2
51 31.1 26.1 39.1
86 63.7 51.8 77.8

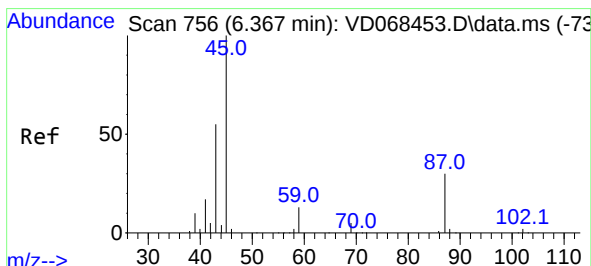
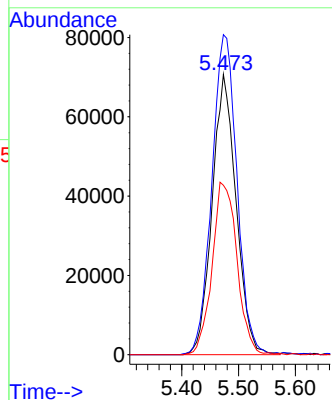
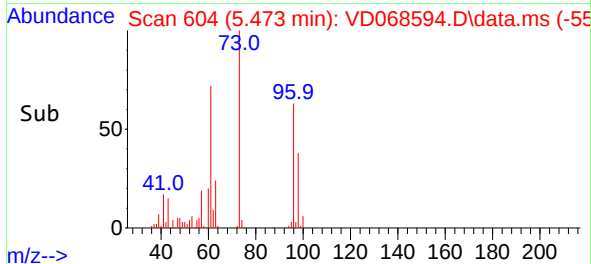




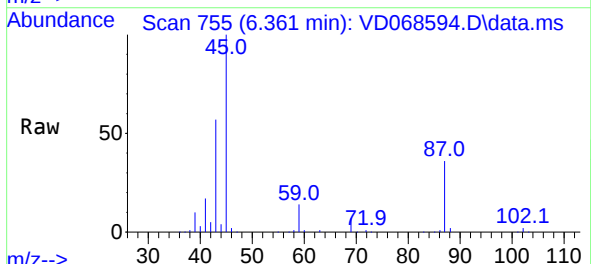
#21
trans-1,2-Dichloroethene
Concen: 46.99 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



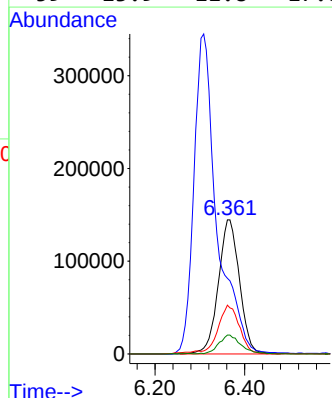
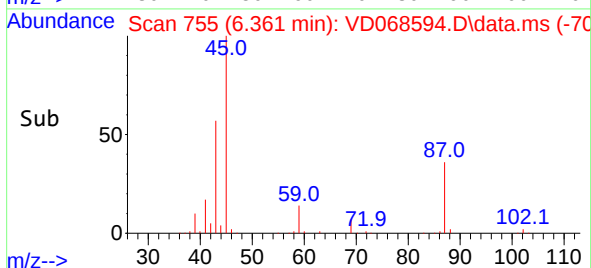
Tgt Ion: 96 Resp: 207130
Ion Ratio Lower Upper
96 100
61 114.2 96.7 145.1
98 60.5 47.6 71.4



#22
Diisopropyl ether
Concen: 45.13 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



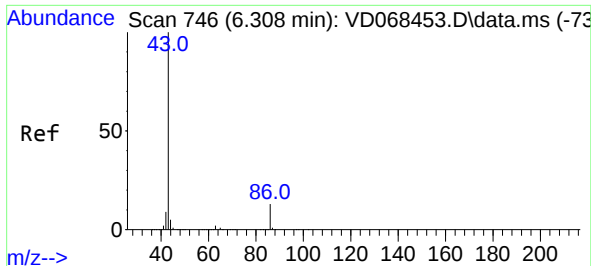
Tgt Ion: 45 Resp: 473681
Ion Ratio Lower Upper
45 100
43 55.6 43.9 65.9
87 36.2 29.9 44.9
59 13.9 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



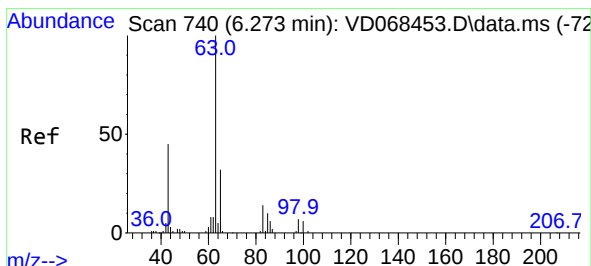
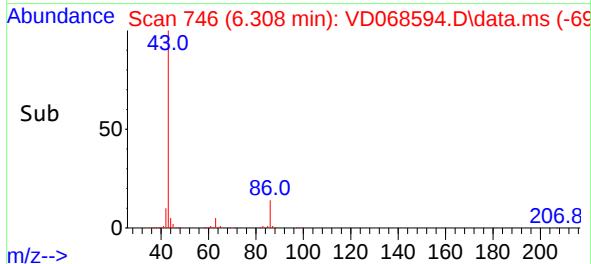
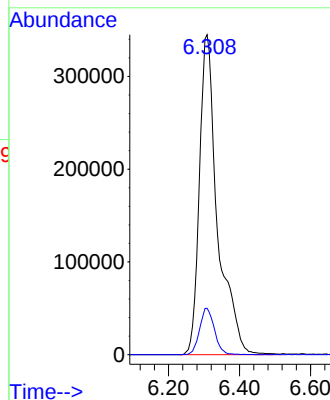
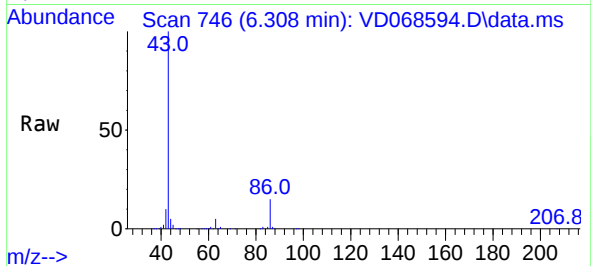
#23
 Vinyl Acetate
 Concen: 225.64 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068594.D
 Acq: 11 Mar 2021 19:26

Tgt Ion: 43 Resp: 1228846
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

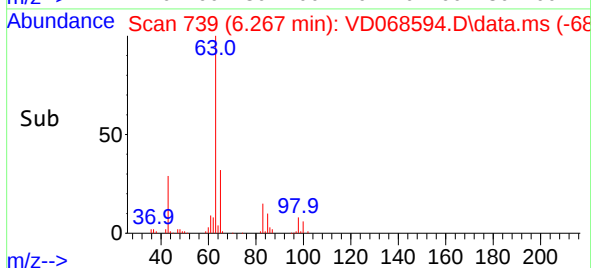
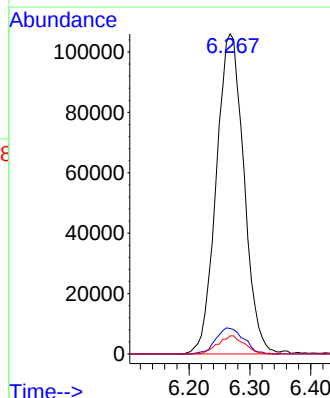
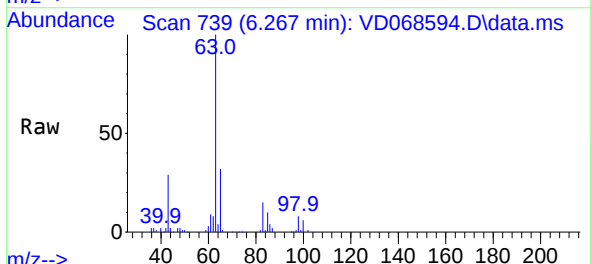
Manual Integrations
 APPROVED

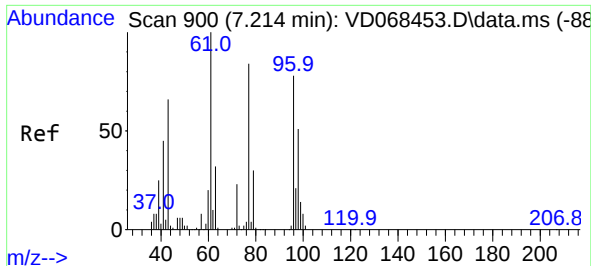
MMDadoda
 3/12/2021 2:01:30 PM



#24
 1,1-Dichloroethane
 Concen: 46.33 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068594.D
 Acq: 11 Mar 2021 19:26

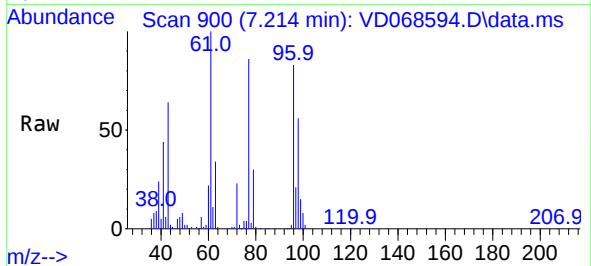
Tgt Ion: 63 Resp: 333370
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 5.7 2.6 8.0





#25
2-Butanone
Concen: 215.86 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

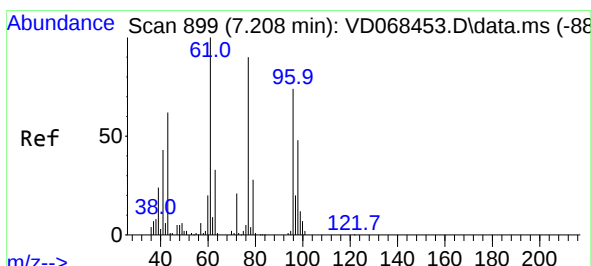
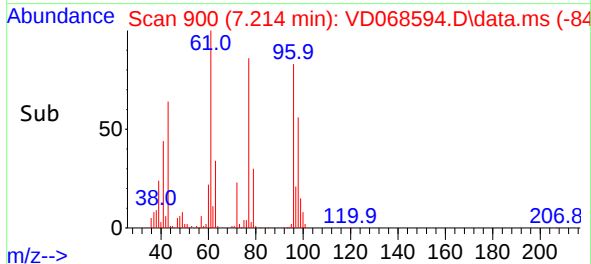
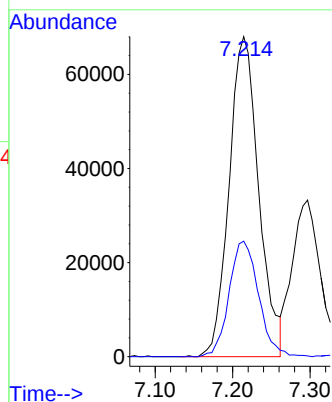
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



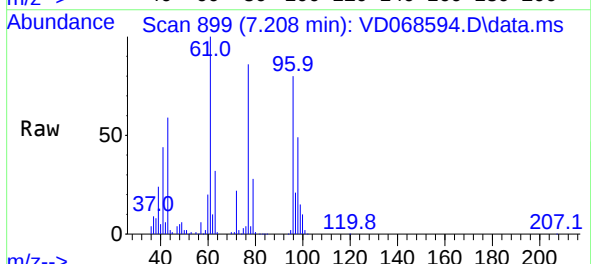
Tgt Ion: 43 Resp: 181028
Ion Ratio Lower Upper
43 100
72 36.1 25.1 37.7

Manual Integrations
APPROVED

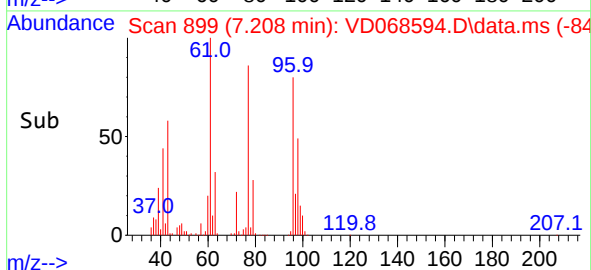
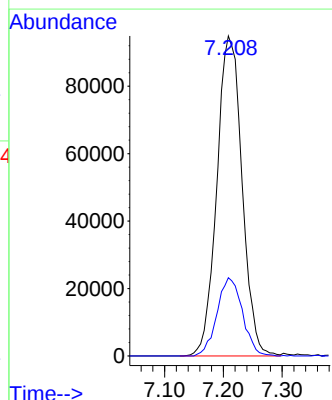
MMDadoda
3/12/2021 2:01:30 PM

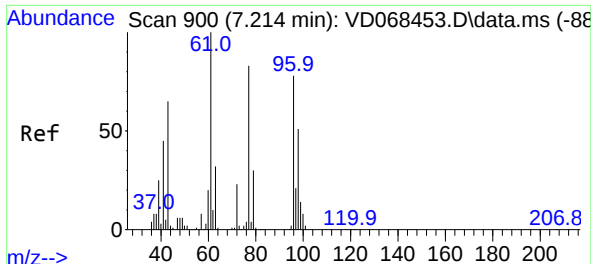


#26
2,2-Dichloropropane
Concen: 47.12 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



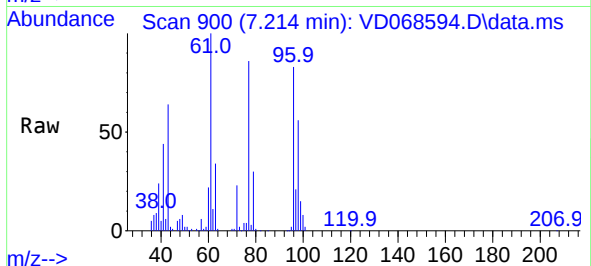
Tgt Ion: 77 Resp: 282458
Ion Ratio Lower Upper
77 100
97 24.7 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.24 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD068594.D
 Acq: 11 Mar 2021 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

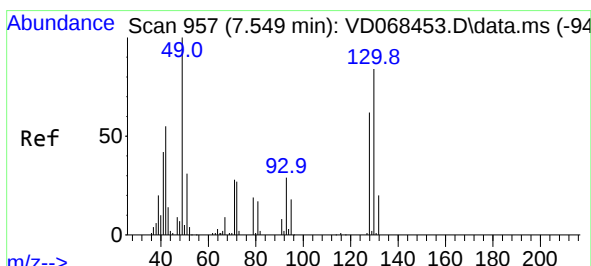
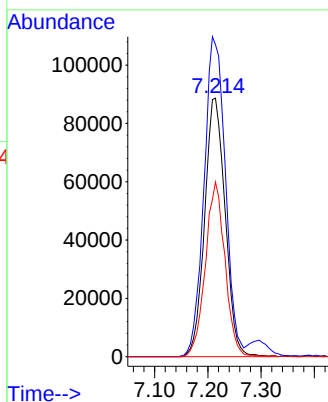
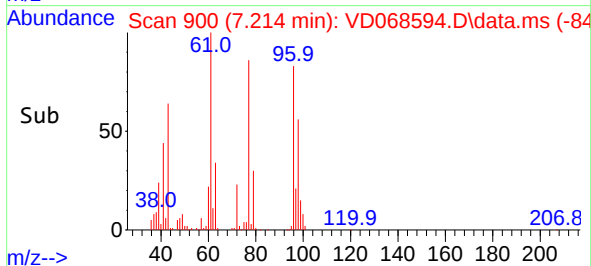


Tgt Ion: 96 Resp: 238255

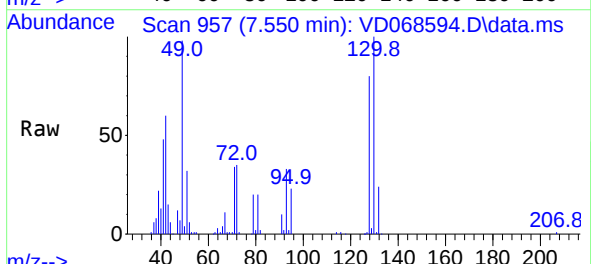
Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	257.4
98	64.3	0.0	126.6

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:30 PM

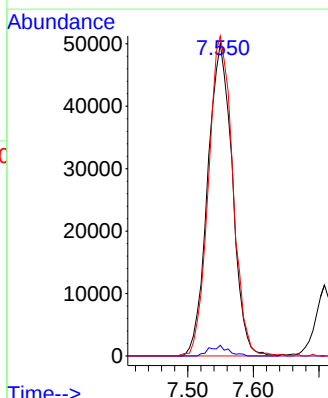
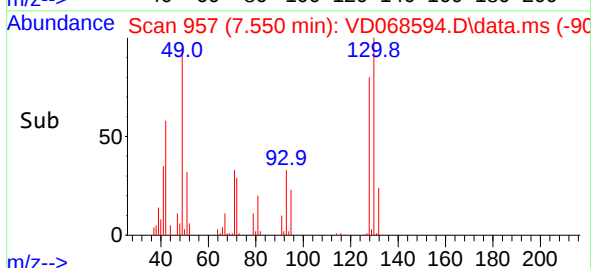


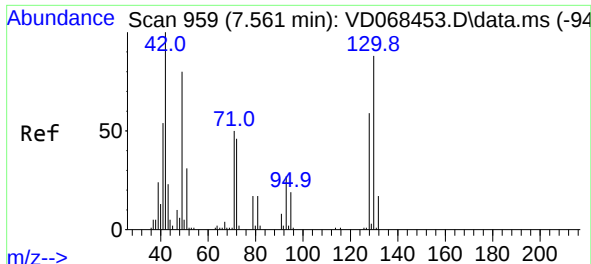
#28
 Bromochloromethane
 Concen: 46.36 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.000 min
 Lab File: VD068594.D
 Acq: 11 Mar 2021 19:26



Tgt Ion: 49 Resp: 130203

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	101.2	85.5	128.3





#29
Tetrahydrofuran
Concen: 214.59 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

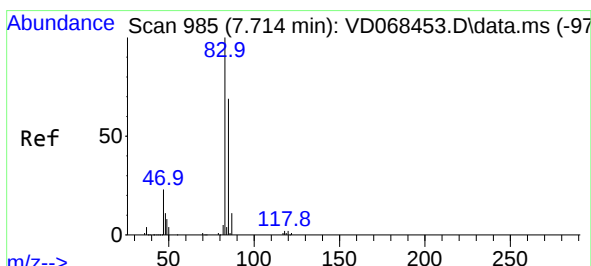
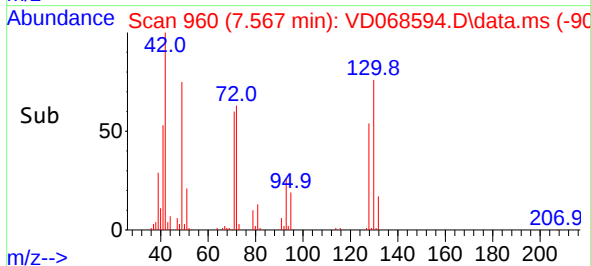
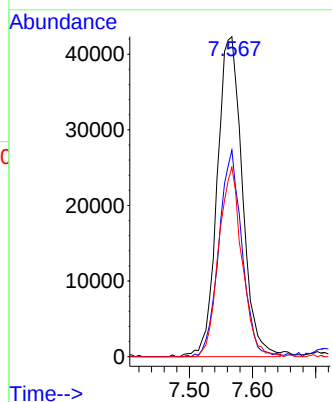
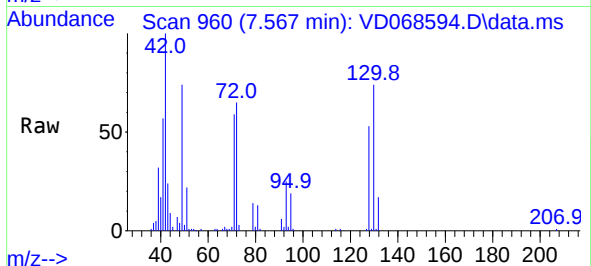
Tgt Ion: 42 Resp: 116854

Ion	Ratio	Lower	Upper
42	100		
72	59.4	43.4	65.0
71	55.0	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

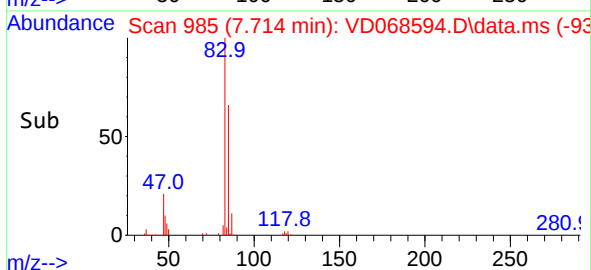
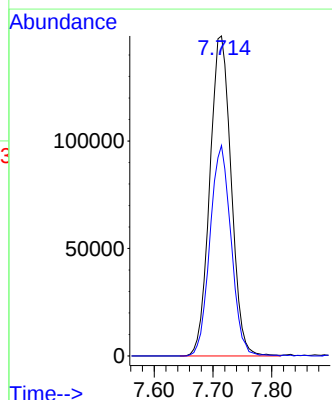
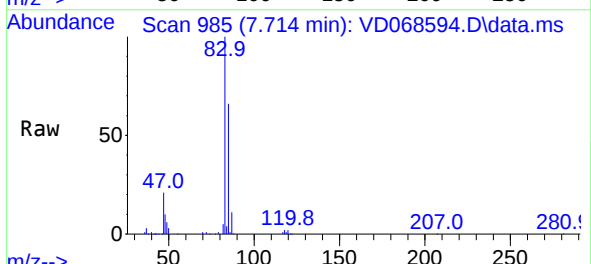
MMDadoda
3/12/2021 2:01:30 PM

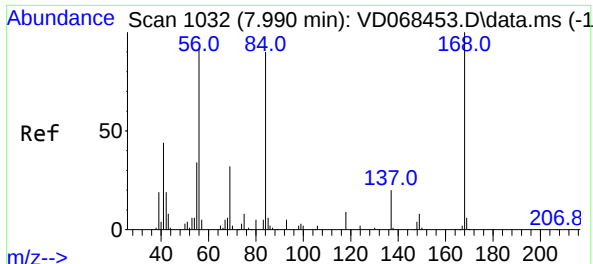


#30
Chloroform
Concen: 49.44 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 83 Resp: 375684

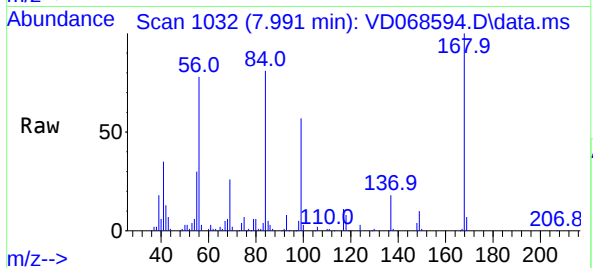
Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.4	80.0





#31
Cyclohexane
Concen: 38.71 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

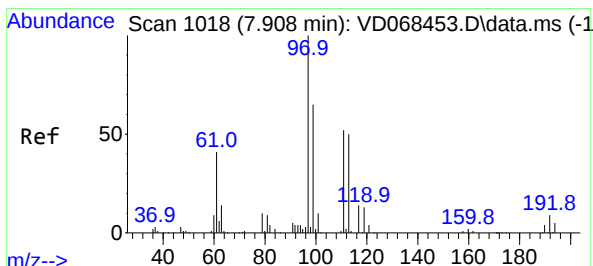
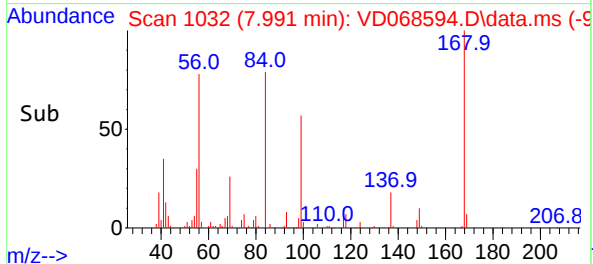
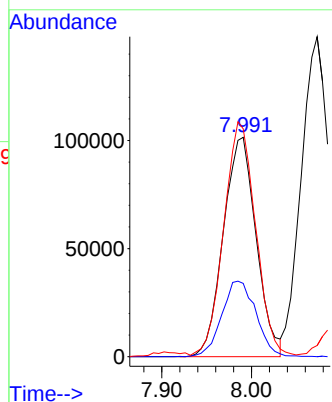
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



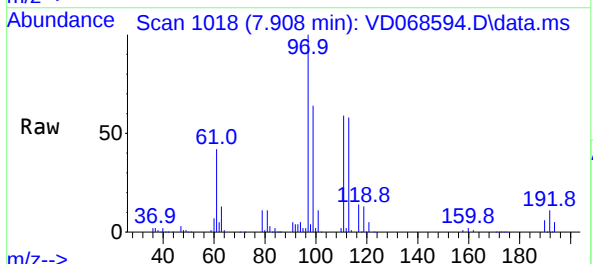
Tgt Ion: 56 Resp: 258557
Ion Ratio Lower Upper
56 100
69 33.3 30.1 45.1
84 102.4 82.1 123.1

Manual Integrations
APPROVED

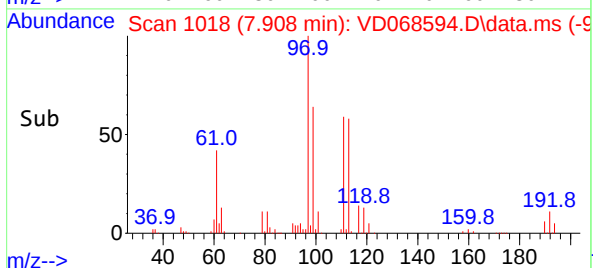
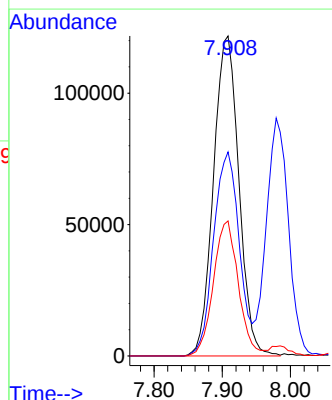
MMDadoda
3/12/2021 2:01:30 PM

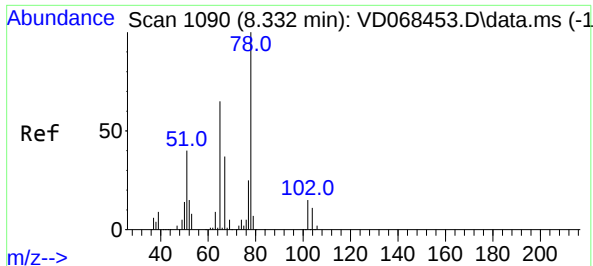


#32
1,1,1-Trichloroethane
Concen: 48.66 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion: 97 Resp: 315571
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 41.6 30.1 45.1





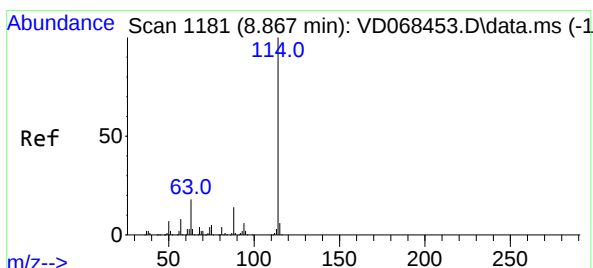
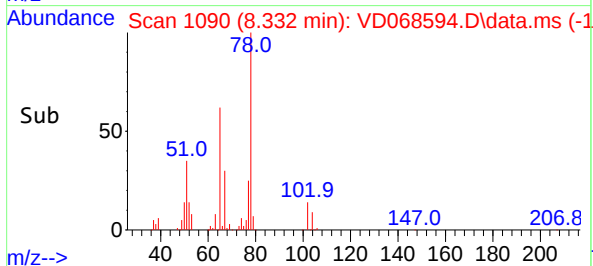
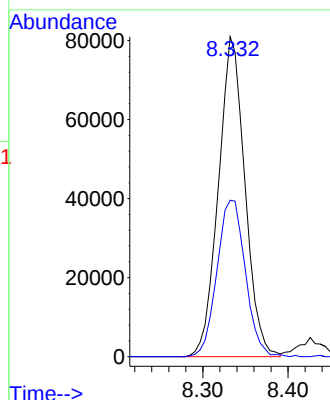
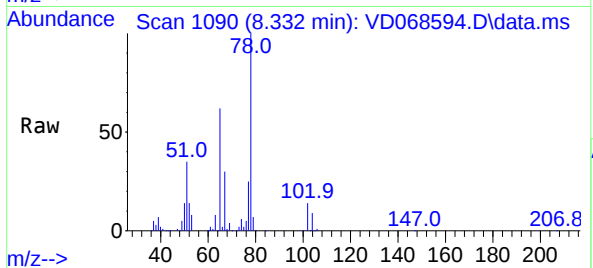
#33
1,2-Dichloroethane-d4
Concen: 47.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 65 Resp: 175264
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

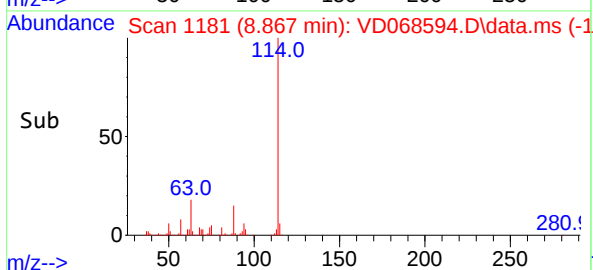
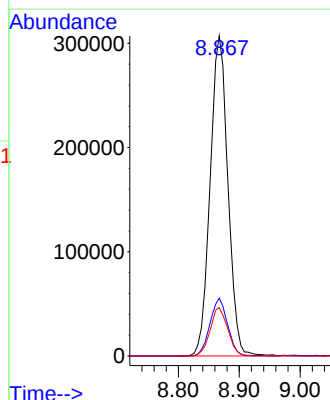
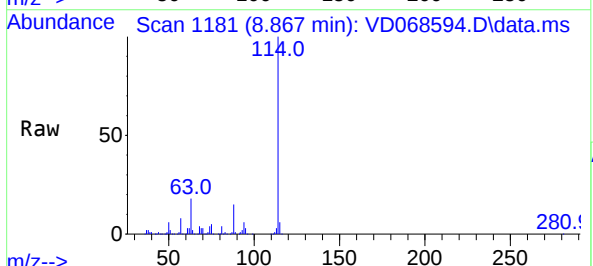
Manual Integrations
APPROVED

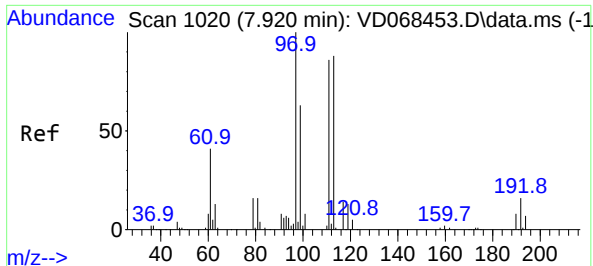
MMDadoda
3/12/2021 2:01:30 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 114 Resp: 622818
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.8
88 15.1 0.0 31.6





#35

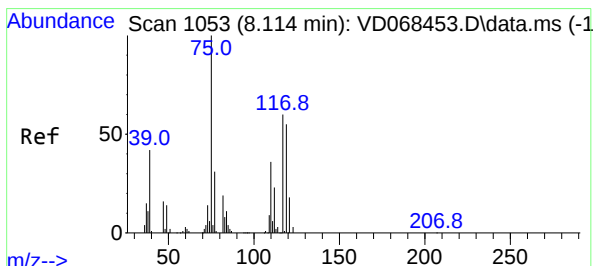
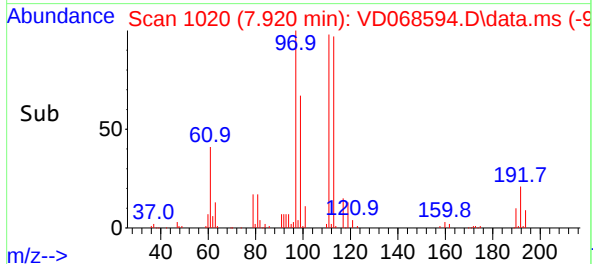
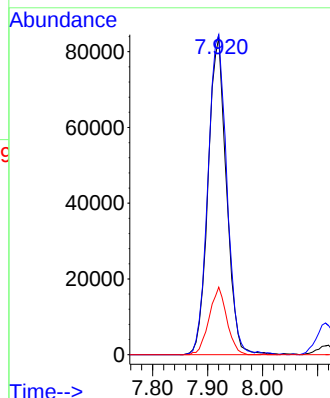
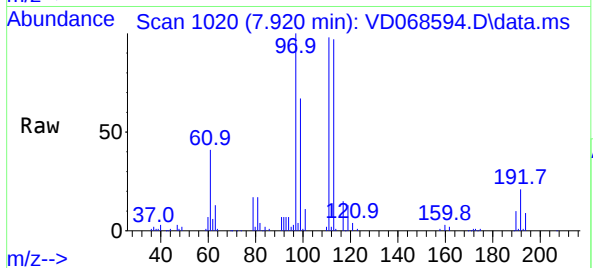
Dibromofluoromethane
Concen: 51.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:113 Resp: 193408
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 20.6 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

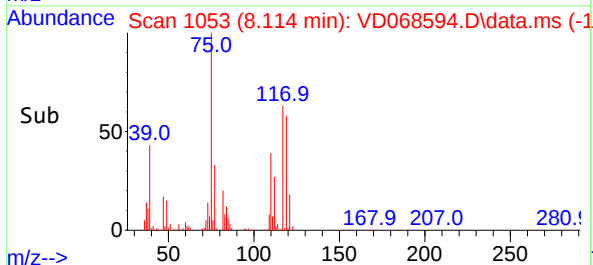
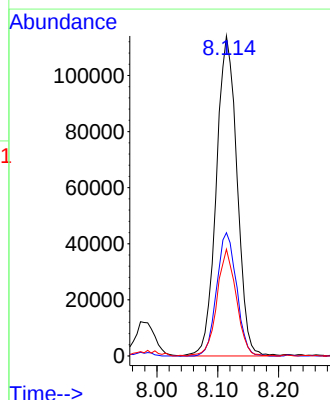
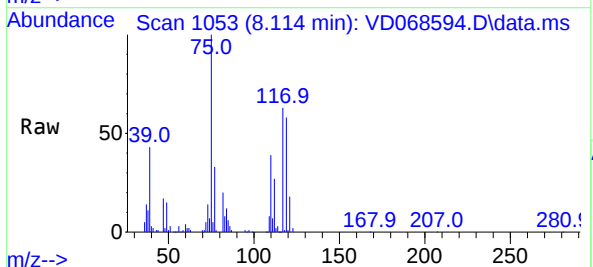
MMDadoda
3/12/2021 2:01:30 PM

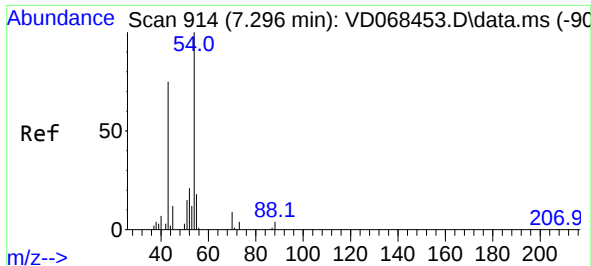


#36

1,1-Dichloropropene
Concen: 45.54 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

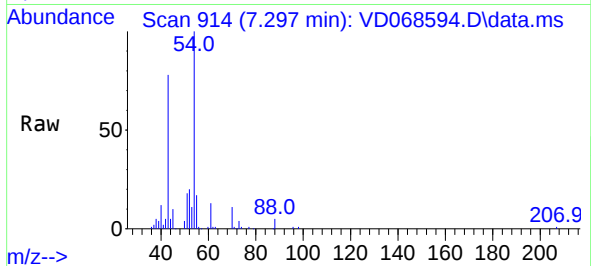
Tgt Ion: 75 Resp: 269612
Ion Ratio Lower Upper
75 100
110 37.0 19.4 58.2
77 31.1 25.3 37.9





#37
Ethyl Acetate
Concen: 42.40 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

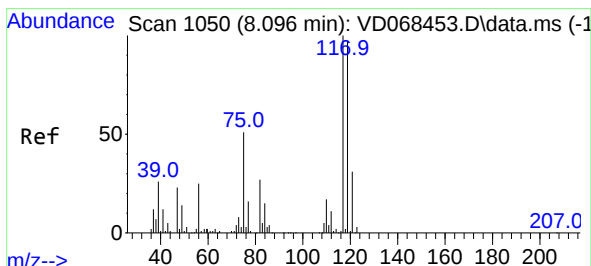
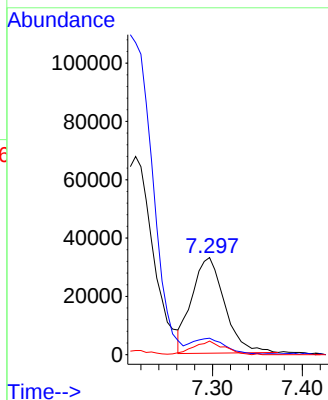
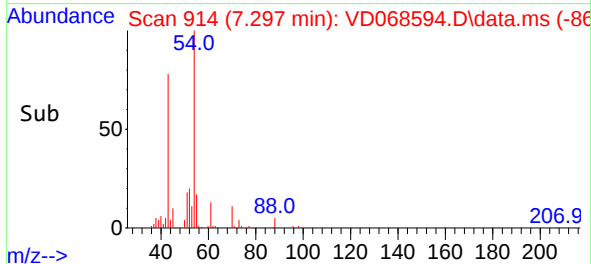
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



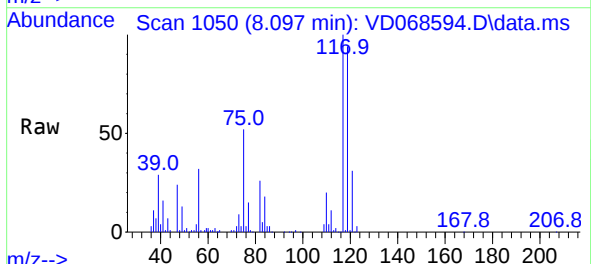
Tgt Ion: 43 Resp: 83281
Ion Ratio Lower Upper
43 100
61 14.9 12.9 19.3
70 13.4 11.0 16.6

Manual Integrations
APPROVED

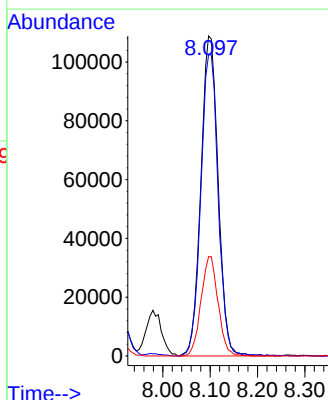
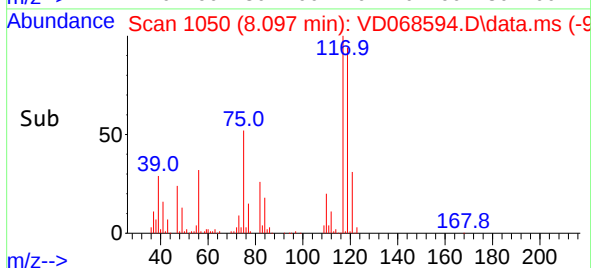
MMDadoda
3/12/2021 2:01:30 PM

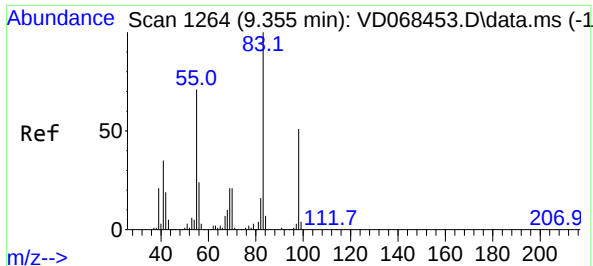


#38
Carbon Tetrachloride
Concen: 49.62 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion: 117 Resp: 276040
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 43.78 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068594.D

Acq: 11 Mar 2021 19:26

Tgt Ion:	83	Resp:	319656
Ion	Ratio	Lower	Upper
83	100		
55	65.7	55.2	82.8
98	52.0	39.1	58.7

Instrument :

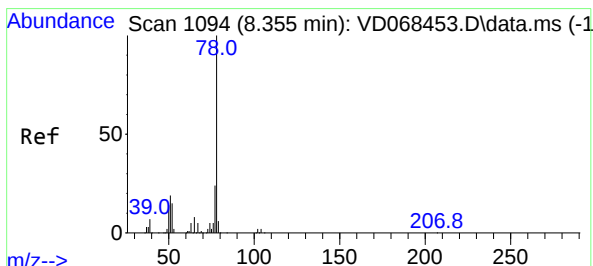
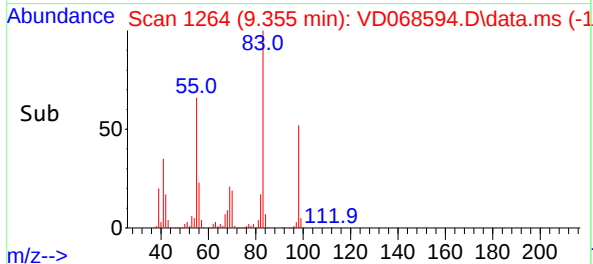
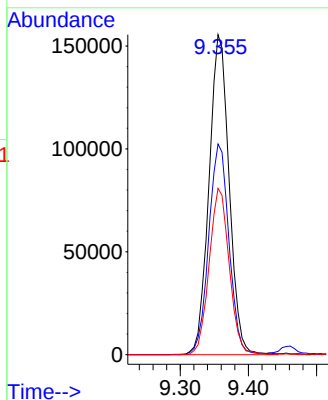
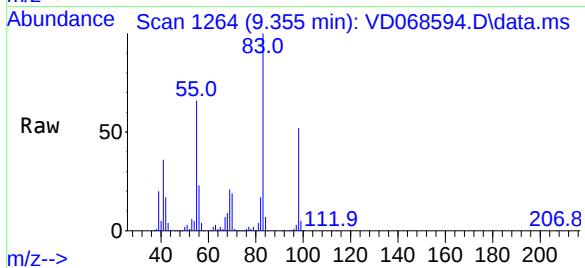
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



#40

Benzene

Concen: 46.80 ug/l

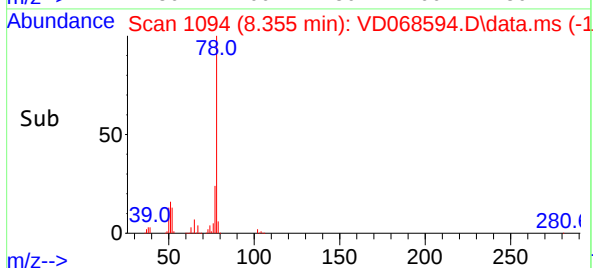
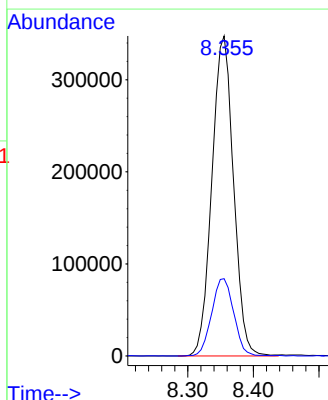
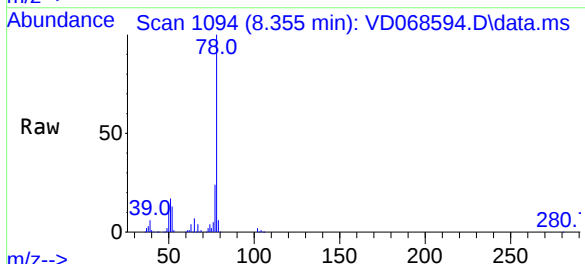
RT: 8.355 min Scan# 1094

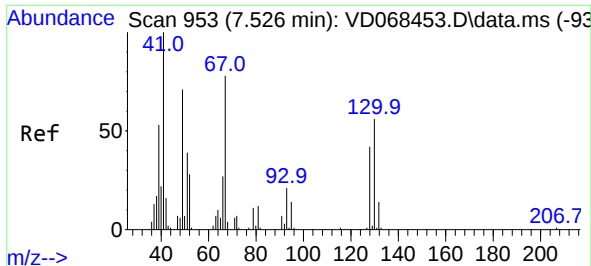
Delta R.T. 0.000 min

Lab File: VD068594.D

Acq: 11 Mar 2021 19:26

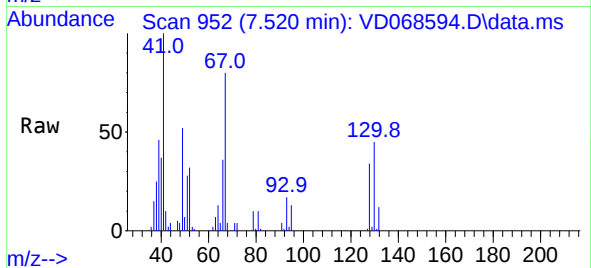
Tgt Ion:	78	Resp:	794757
Ion	Ratio	Lower	Upper
78	100		
77	24.1	17.8	26.6





#41
Methacrylonitrile
Concen: 50.57 ug/l m
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

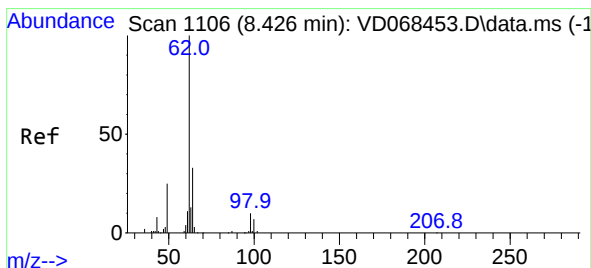
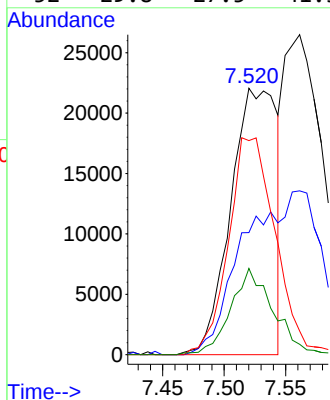
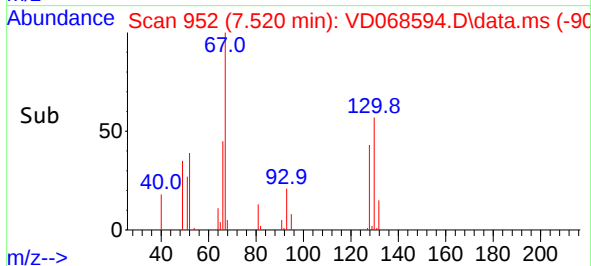
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



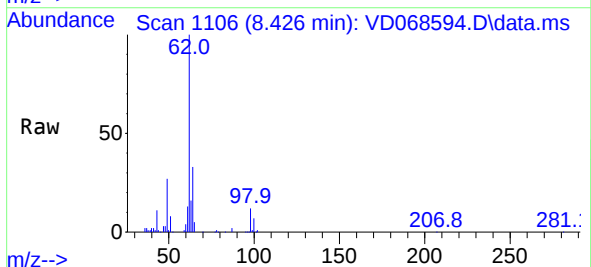
Tgt Ion: 41 Resp: 57660
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 83.1 67.4 101.2
52 29.8 27.5 41.3

Manual Integrations
APPROVED

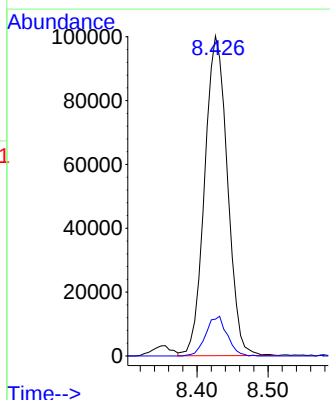
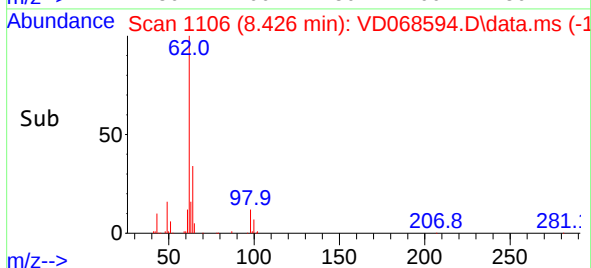
MMDadoda
3/12/2021 2:01:30 PM

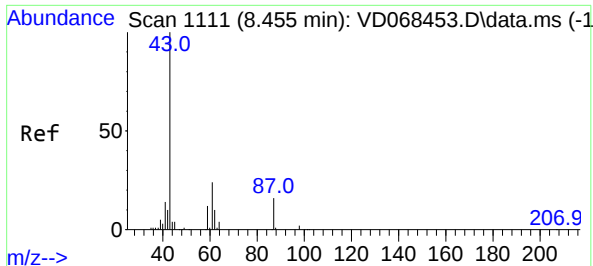


#42
1,2-Dichloroethane
Concen: 49.97 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



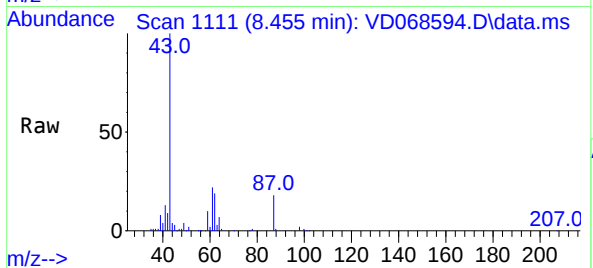
Tgt Ion: 62 Resp: 223153
Ion Ratio Lower Upper
62 100
98 11.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 47.78 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

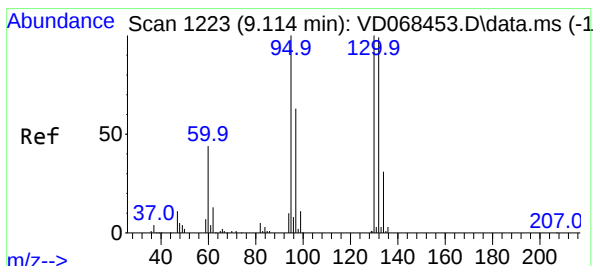
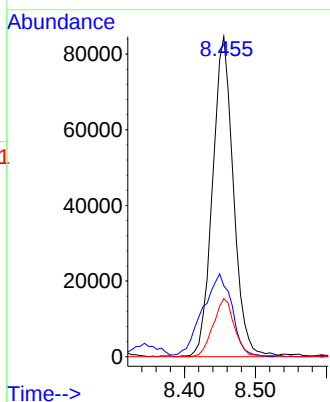
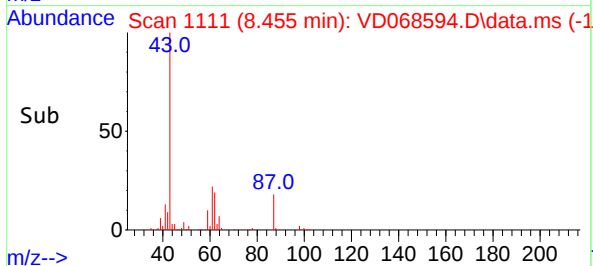
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



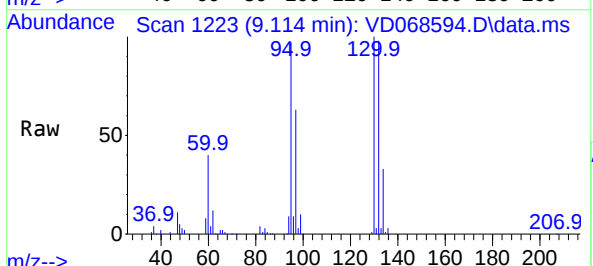
Tgt Ion: 43 Resp: 172504
Ion Ratio Lower Upper
43 100
61 36.5 28.7 43.1
87 18.5 13.9 20.9

Manual Integrations
APPROVED

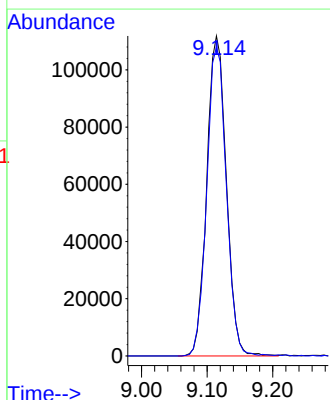
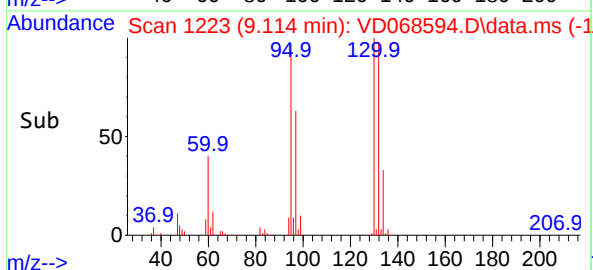
MMDadoda
3/12/2021 2:01:30 PM

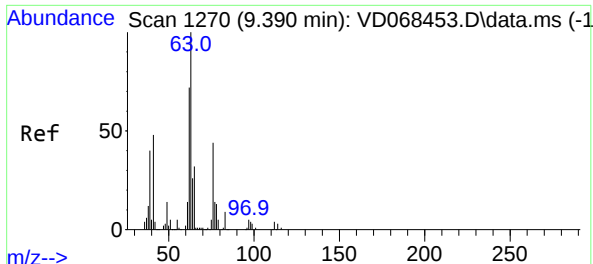


#44
Trichloroethene
Concen: 49.72 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion:130 Resp: 231792
Ion Ratio Lower Upper
130 100
95 96.5 0.0 191.2





#45

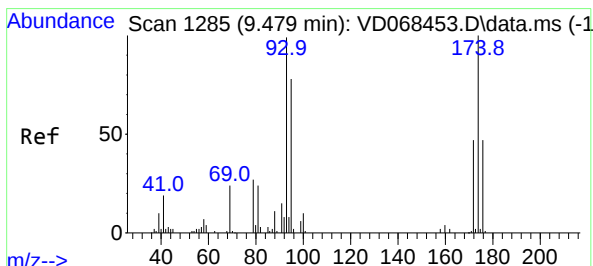
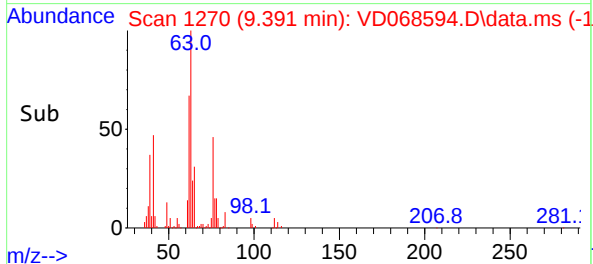
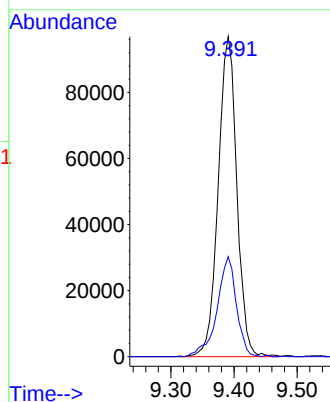
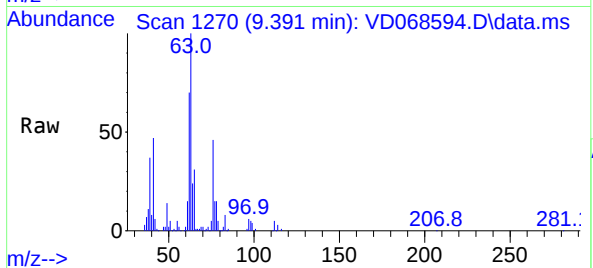
1,2-Dichloropropane
Concen: 48.91 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 63 Resp: 198579
Ion Ratio Lower Upper
63 100
65 31.3 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

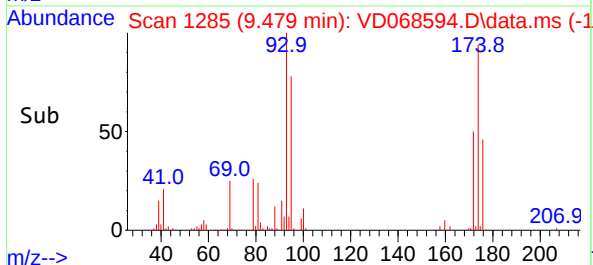
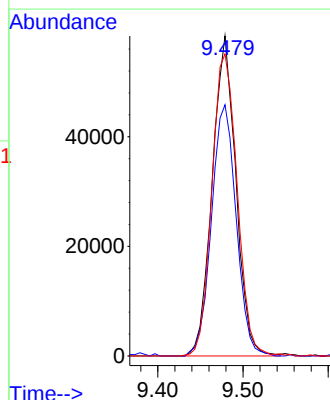
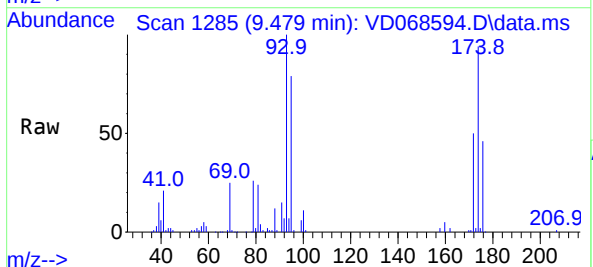
MMDadoda
3/12/2021 2:01:30 PM

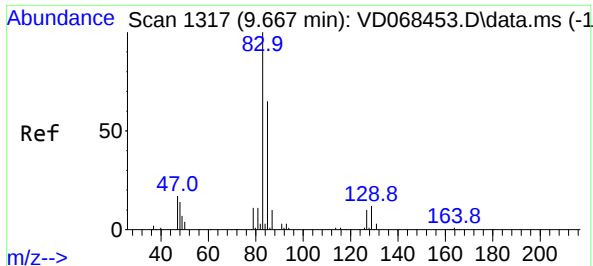


#46

Dibromomethane
Concen: 50.90 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 93 Resp: 112423
Ion Ratio Lower Upper
93 100
95 82.2 67.3 100.9
174 101.0 84.6 127.0





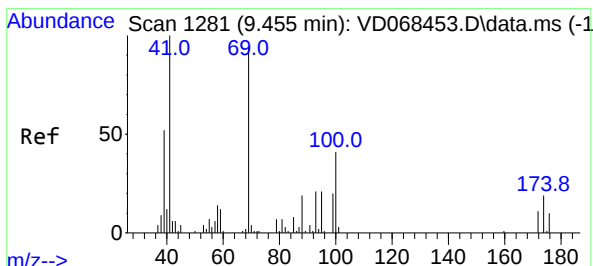
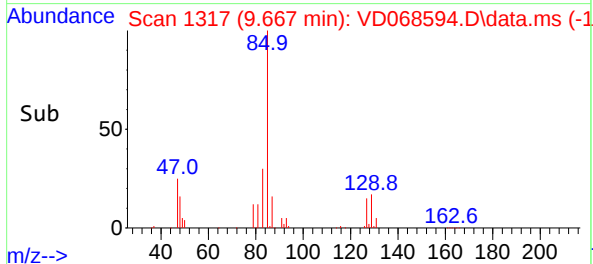
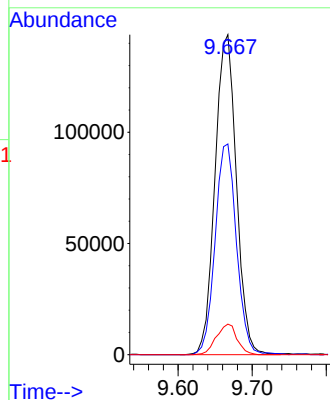
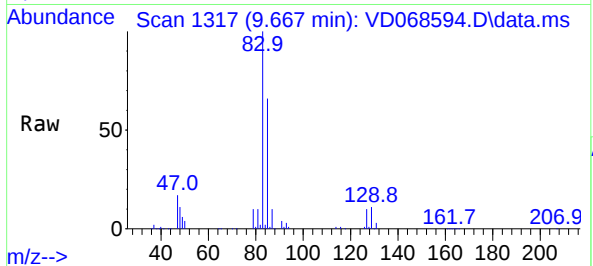
#47
Bromodichloromethane
Concen: 50.48 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 83 Resp: 288368
Ion Ratio Lower Upper
83 100
85 65.9 51.6 77.4
127 9.6 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

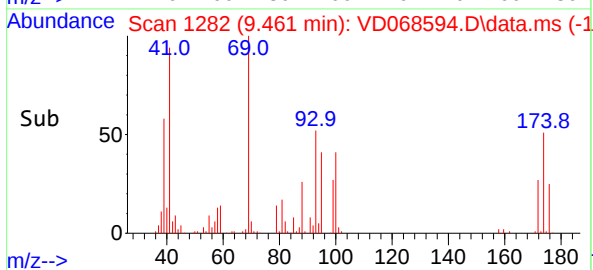
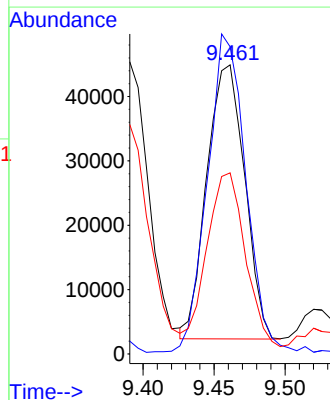
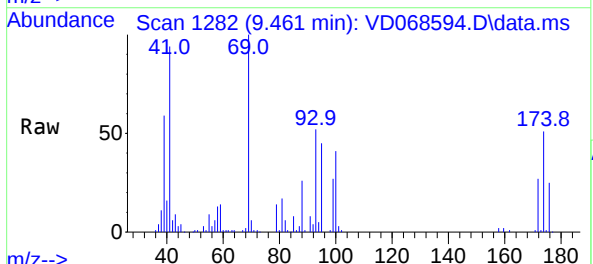
Manual Integrations
APPROVED

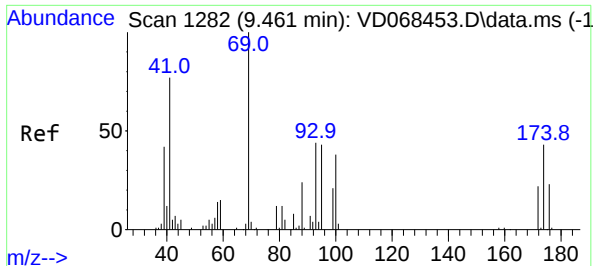
MMDadoda
3/12/2021 2:01:30 PM



#48
Methyl methacrylate
Concen: 41.02 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 41 Resp: 78944
Ion Ratio Lower Upper
41 100
69 121.0 77.1 115.7#
39 64.0 41.5 62.3#





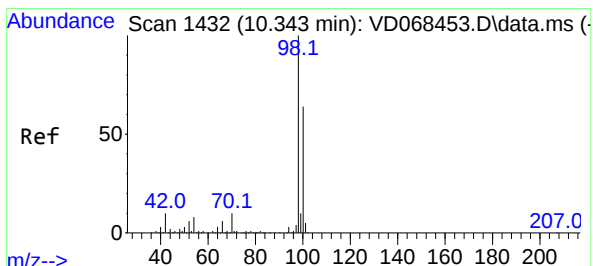
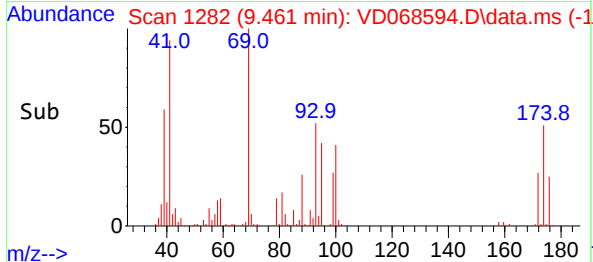
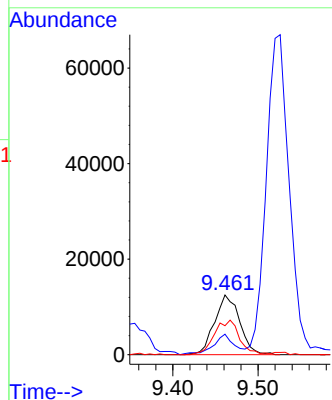
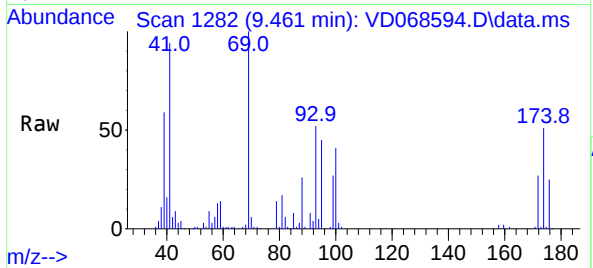
#49
1,4-Dioxane
Concen: 1015.88 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 88 Resp: 25587
Ion Ratio Lower Upper
88 100
43 28.8 22.1 33.1
58 58.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

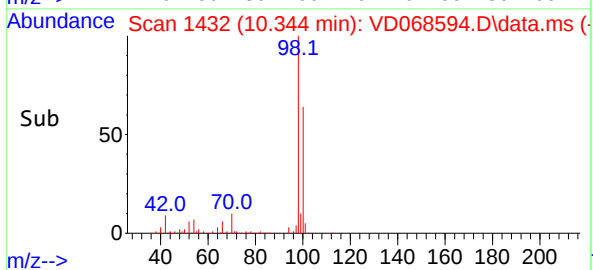
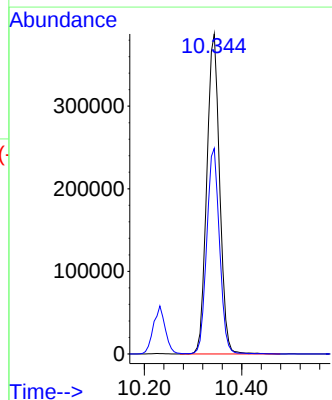
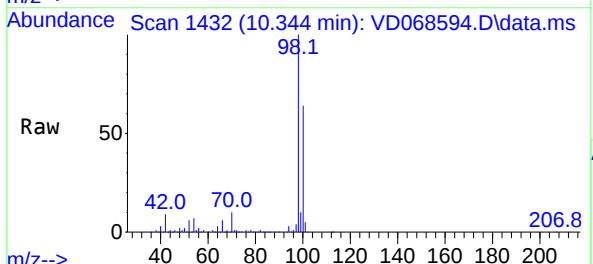
Manual Integrations
APPROVED

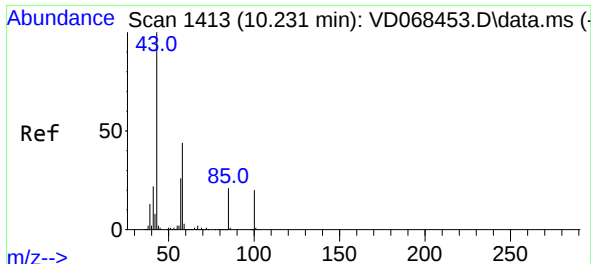
MMDadoda
3/12/2021 2:01:30 PM



#50
Toluene-d8
Concen: 47.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 98 Resp: 705596
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4





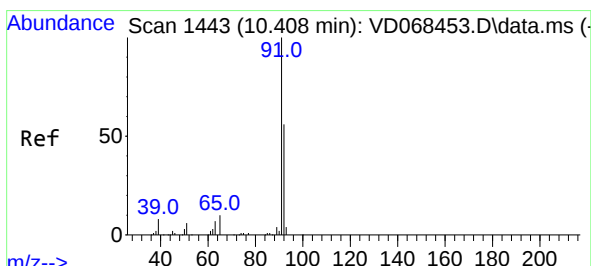
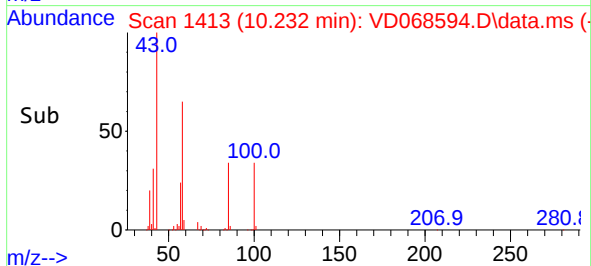
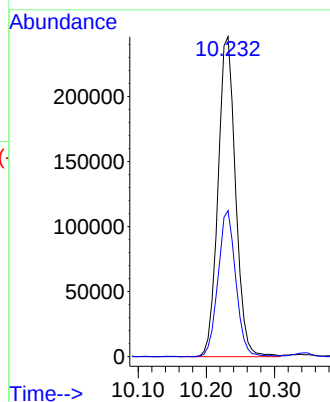
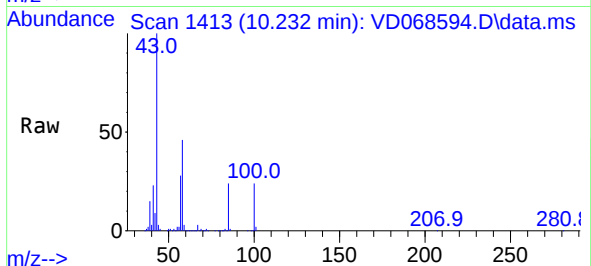
#51
4-Methyl-2-Pentanone
Concen: 233.35 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 43 Resp: 440824
Ion Ratio Lower Upper
43 100
58 46.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

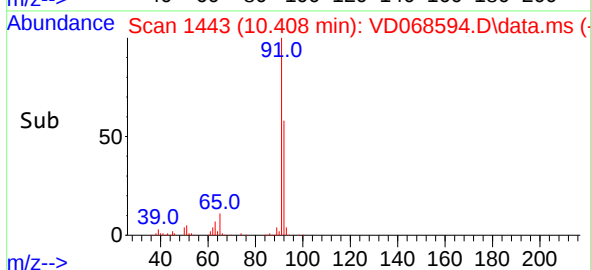
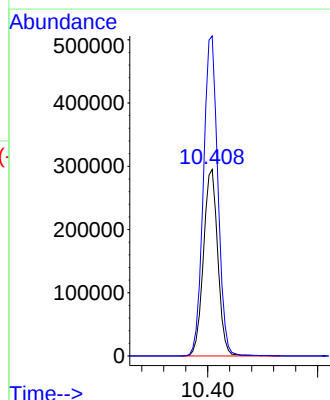
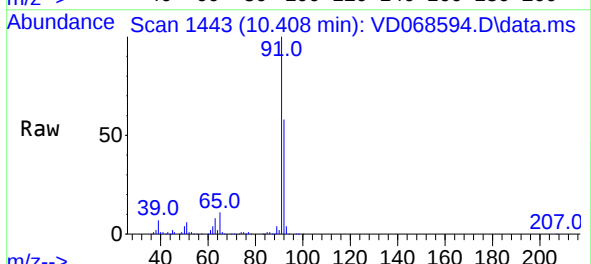
Manual Integrations
APPROVED

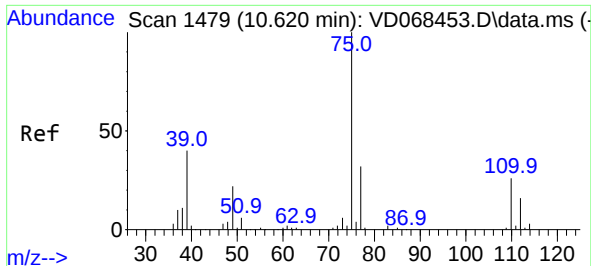
MMDadoda
3/12/2021 2:01:30 PM



#52
Toluene
Concen: 49.16 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 92 Resp: 533130
Ion Ratio Lower Upper
92 100
91 173.6 134.1 201.1





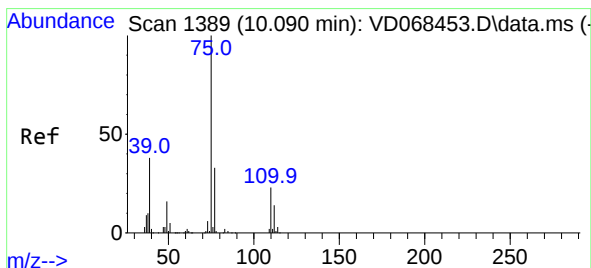
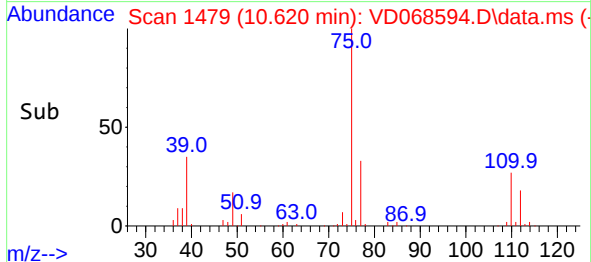
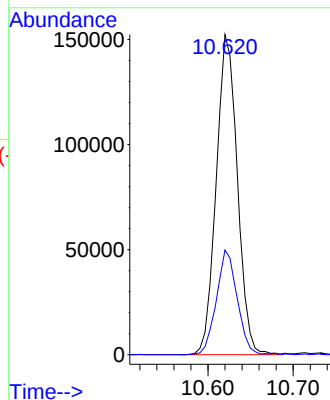
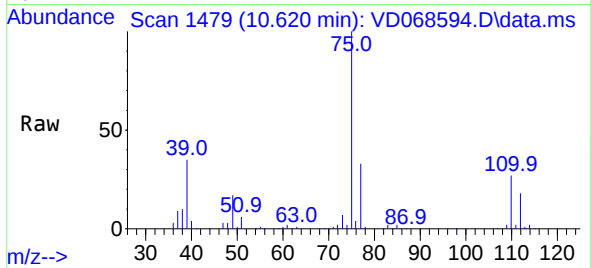
#53
t-1,3-Dichloropropene
Concen: 49.86 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 75 Resp: 263265
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

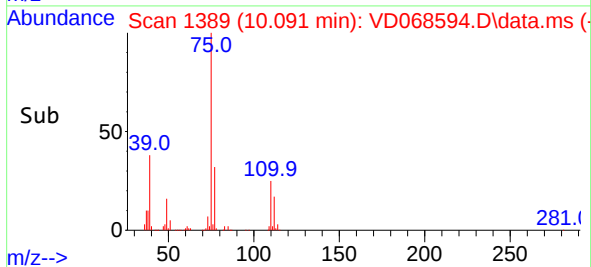
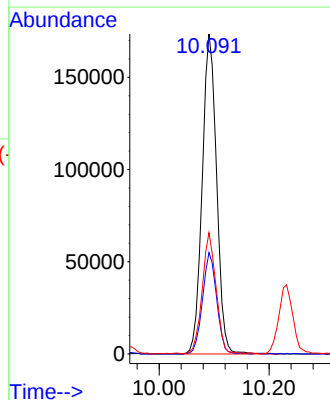
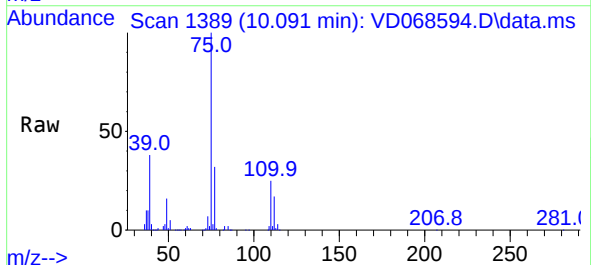
Manual Integrations
APPROVED

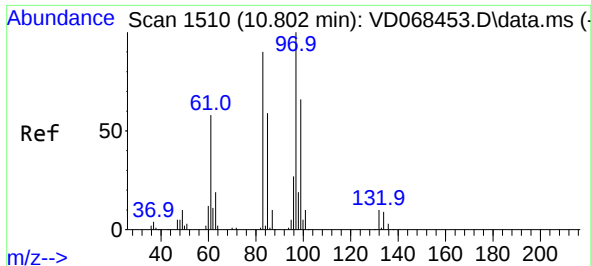
MMDadoda
3/12/2021 2:01:30 PM



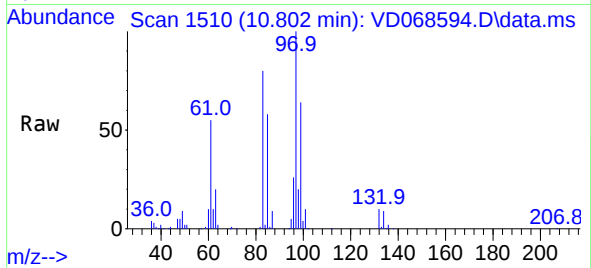
#54
cis-1,3-Dichloropropene
Concen: 48.95 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 75 Resp: 315327
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 37.7 31.4 47.0



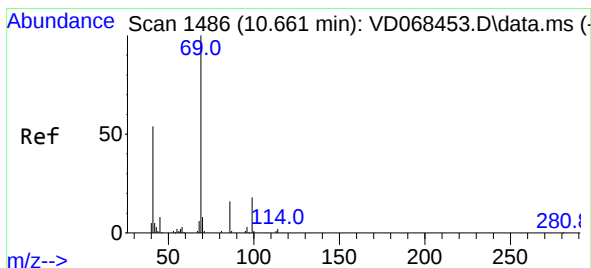
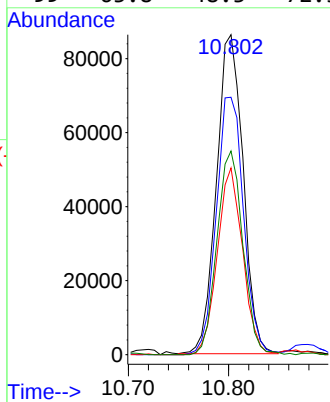
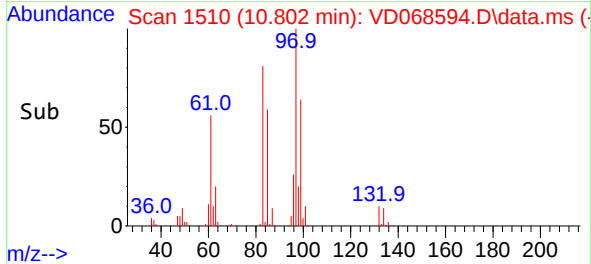


#55
1,1,2-Trichloroethane
Concen: 51.98 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

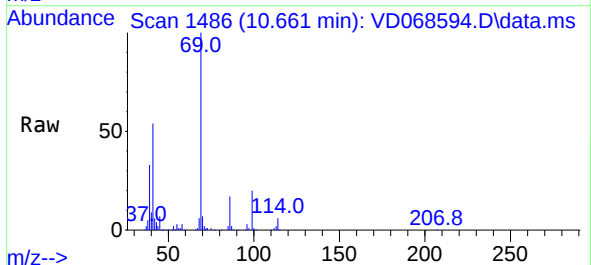


Tgt Ion: 97 Resp: 158876

Ion	Ratio	Lower	Upper
97	100		
83	80.7	61.8	92.6
85	58.5	42.2	63.2
99	63.8	48.3	72.5

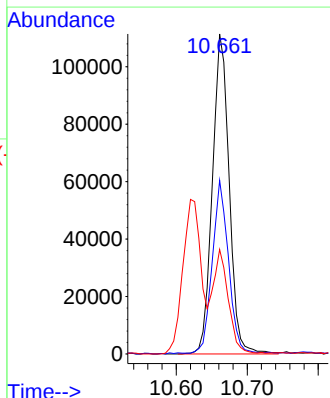
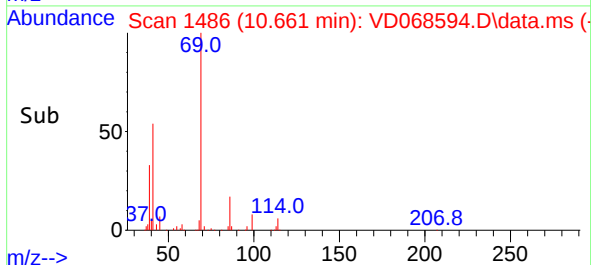


#56
Ethyl methacrylate
Concen: 52.02 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion: 69 Resp: 182758

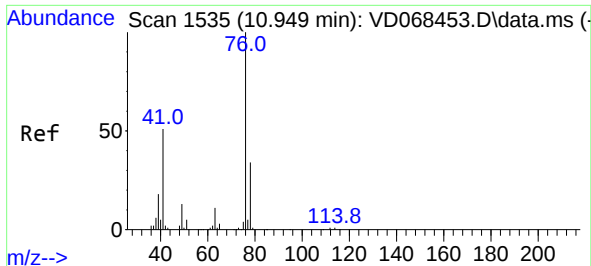
Ion	Ratio	Lower	Upper
69	100		
41	52.0	44.9	67.3
39	29.4	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



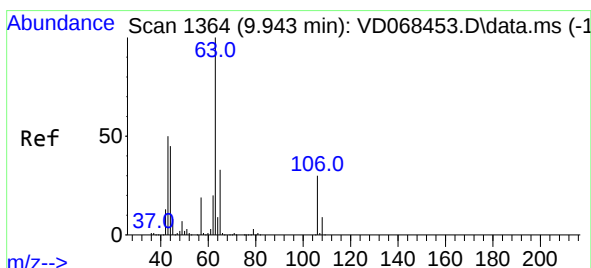
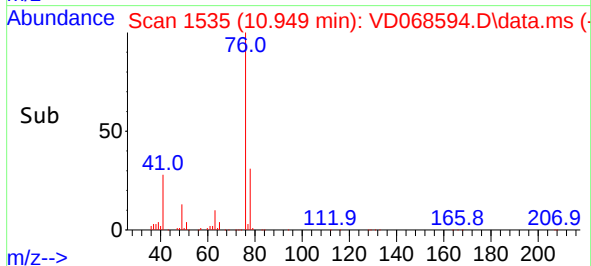
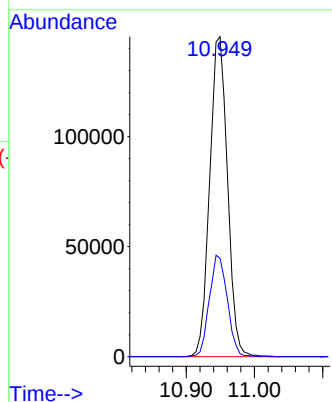
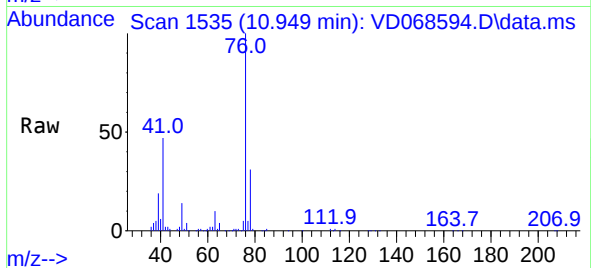
#57
1,3-Dichloropropane
Concen: 49.55 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 76 Resp: 264365
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

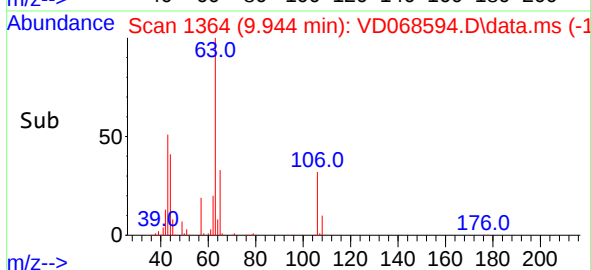
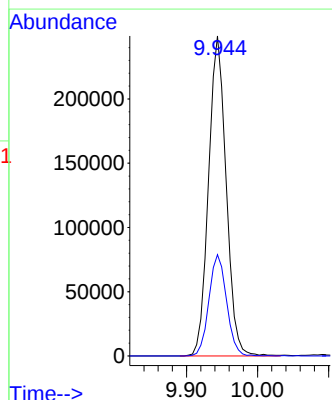
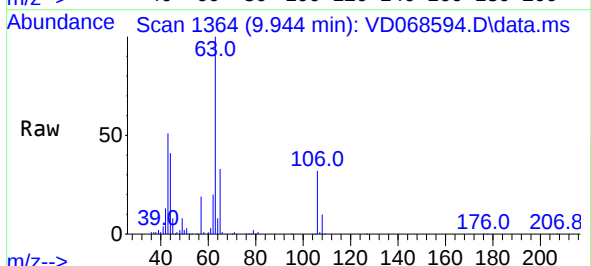
Manual Integrations
APPROVED

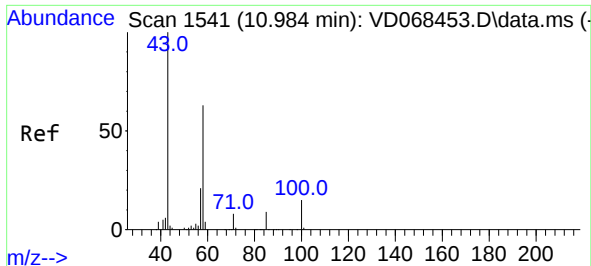
MMDadoda
3/12/2021 2:01:30 PM



#58
2-Chloroethyl Vinyl ether
Concen: 243.58 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 63 Resp: 429319
Ion Ratio Lower Upper
63 100
106 31.7 27.0 40.4





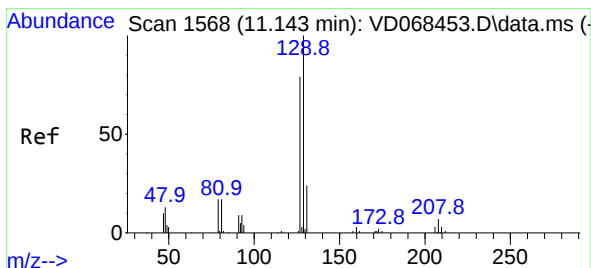
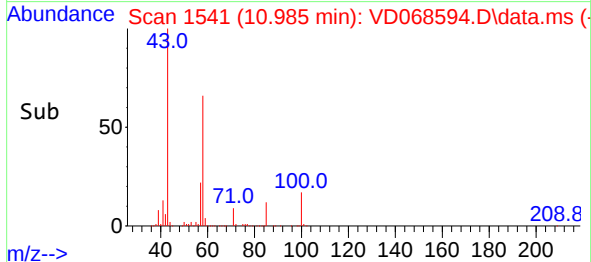
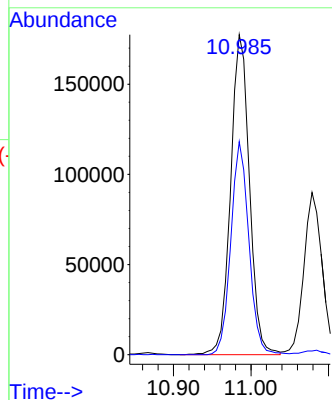
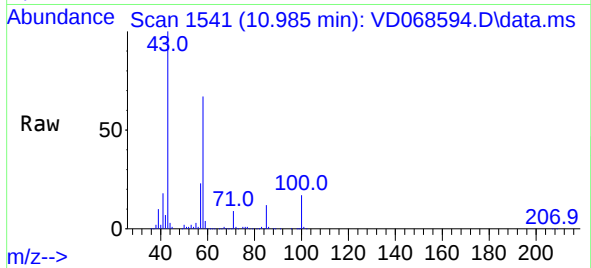
#59
2-Hexanone
Concen: 238.45 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 43 Resp: 300261
Ion Ratio Lower Upper
43 100
58 63.8 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

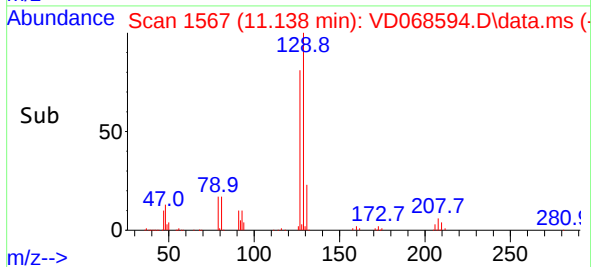
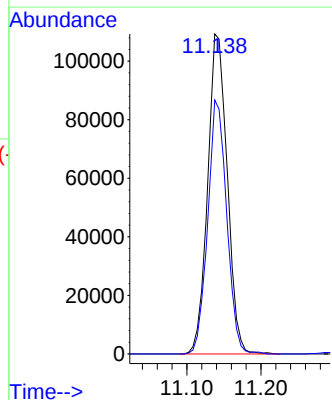
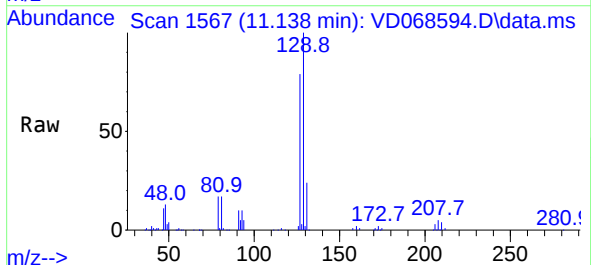
Manual Integrations
APPROVED

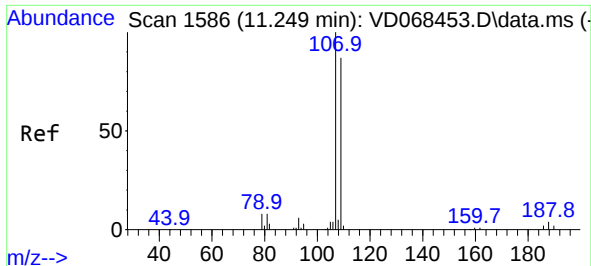
MMDadoda
3/12/2021 2:01:30 PM



#60
Dibromochloromethane
Concen: 53.08 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

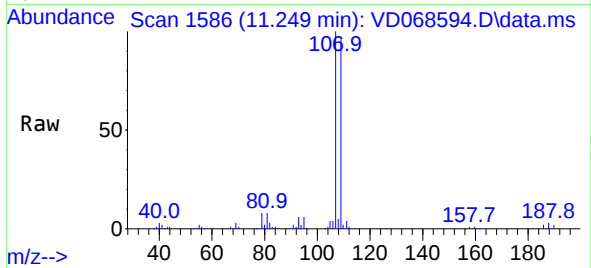
Tgt Ion: 129 Resp: 200829
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.97 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

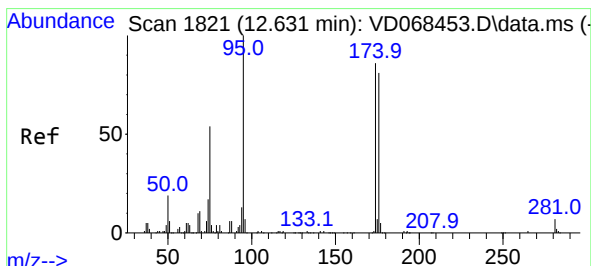
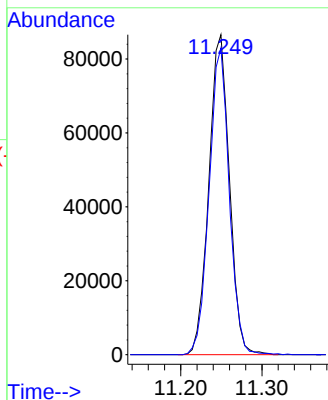
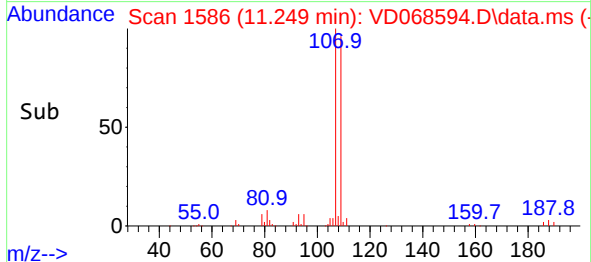
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



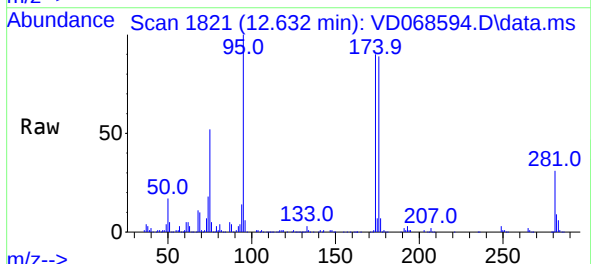
Tgt Ion:107 Resp: 152435
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

Manual Integrations
APPROVED

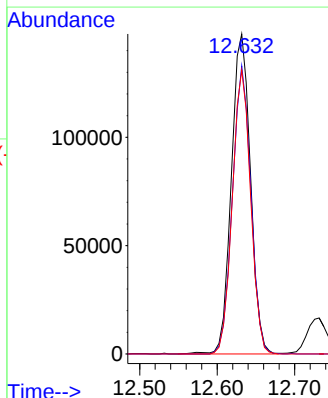
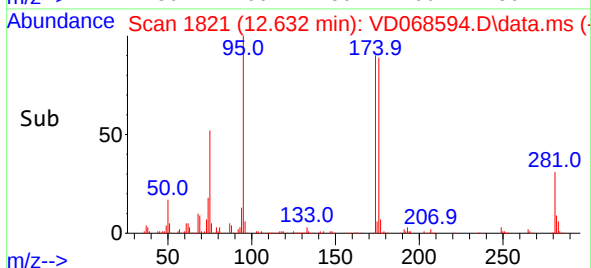
MMDadoda
3/12/2021 2:01:30 PM

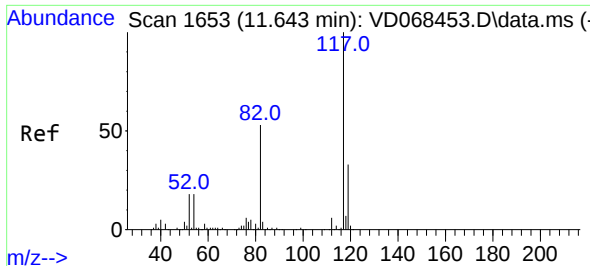


#62
4-Bromofluorobenzene
Concen: 52.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

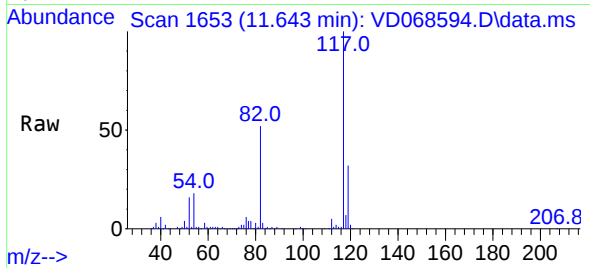


Tgt Ion: 95 Resp: 253265
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.4
176 85.0 0.0 168.4

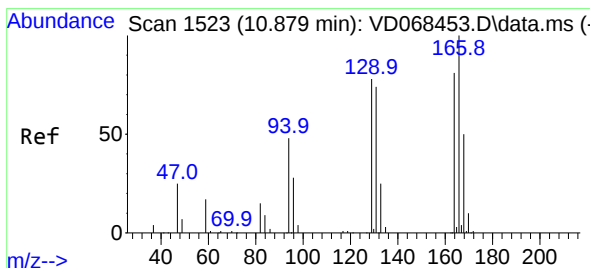
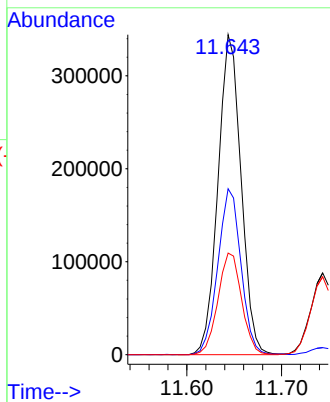
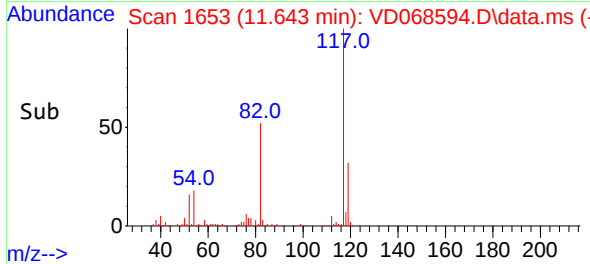




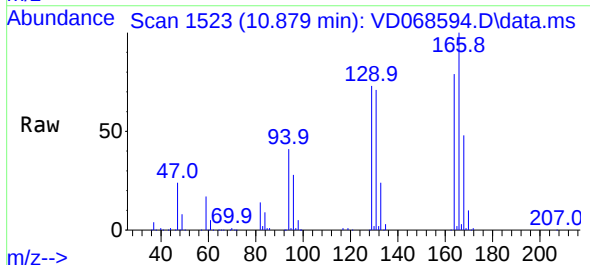
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



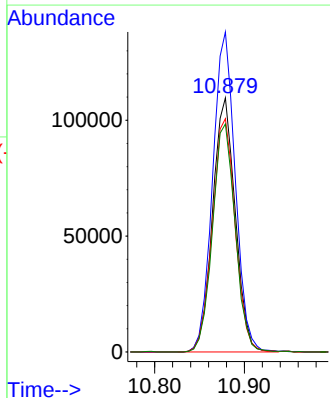
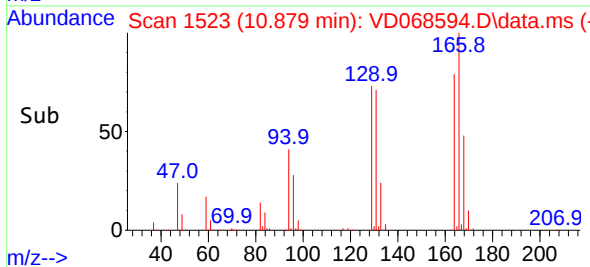
Tgt Ion:117 Resp: 582452
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 31.8 26.1 39.1



#64
Tetrachloroethene
Concen: 50.54 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



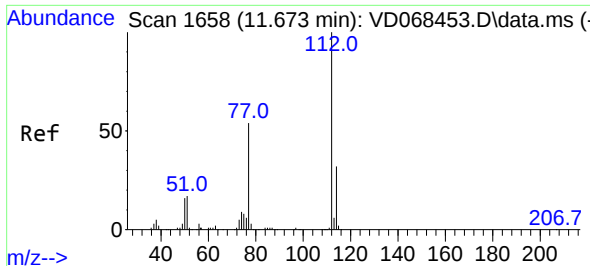
Tgt Ion:164 Resp: 192229
Ion Ratio Lower Upper
164 100
166 126.0 105.5 158.3
129 91.8 75.6 113.4
131 89.8 72.4 108.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

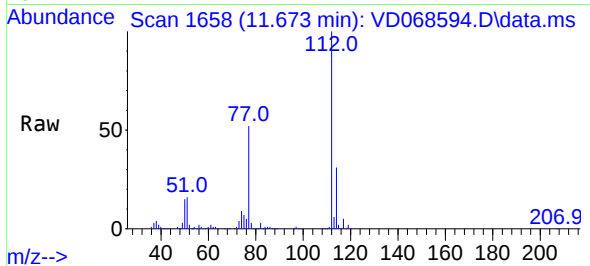
Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



#65
Chlorobenzene
Concen: 49.96 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

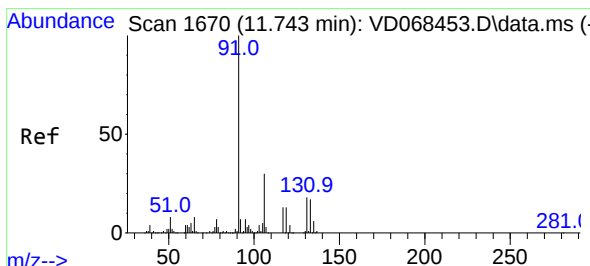
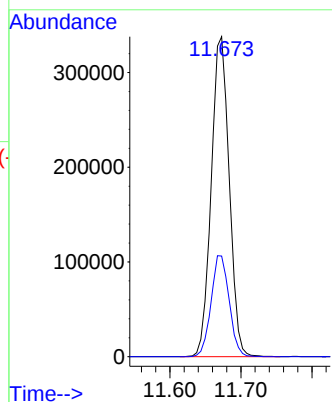
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



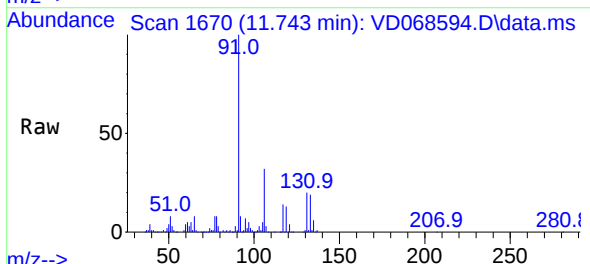
Tgt Ion:112 Resp: 592570
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

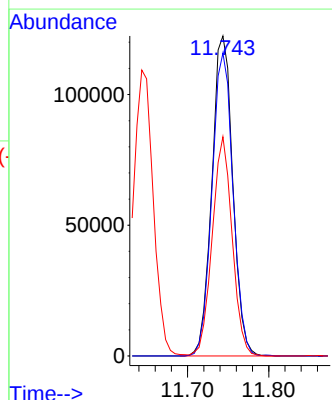
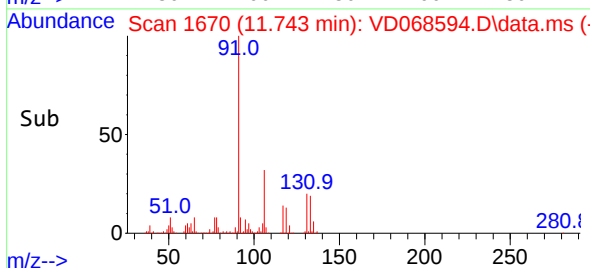
MMDadoda
3/12/2021 2:01:30 PM

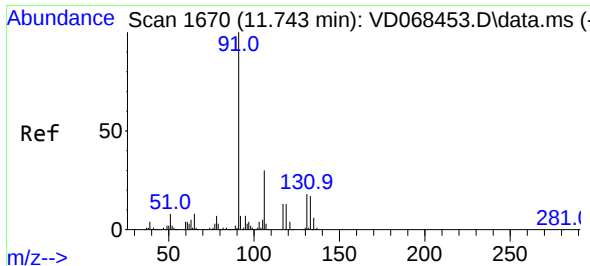


#66
1,1,1,2-Tetrachloroethane
Concen: 53.09 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion:131 Resp: 218900
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 65.2 31.6 94.8





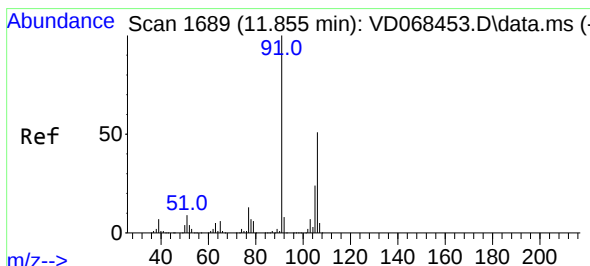
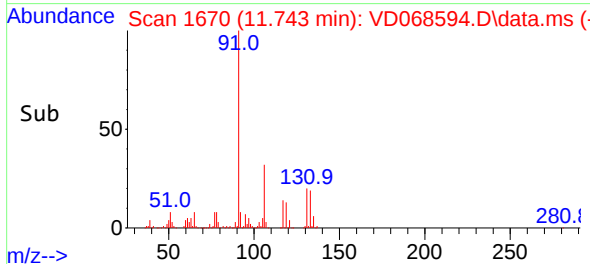
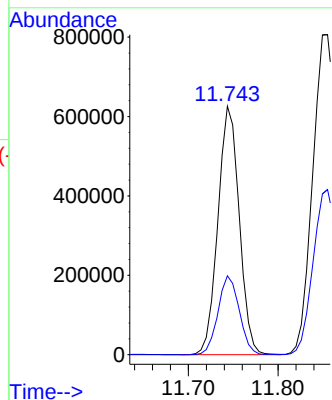
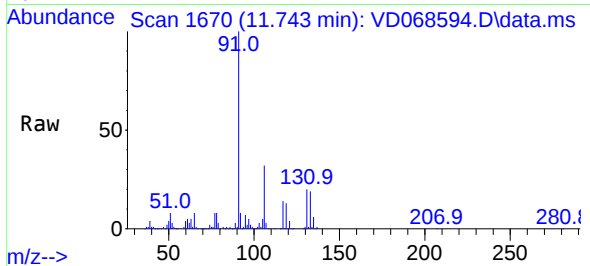
#67
Ethyl Benzene
Concen: 48.74 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1032019
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

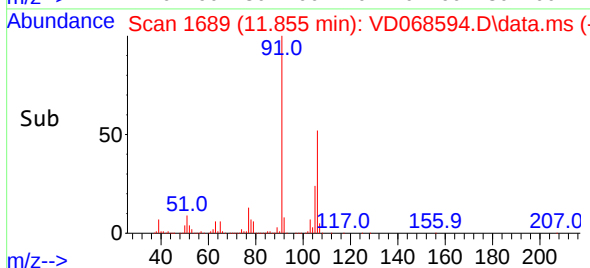
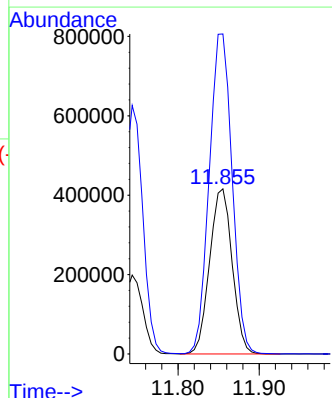
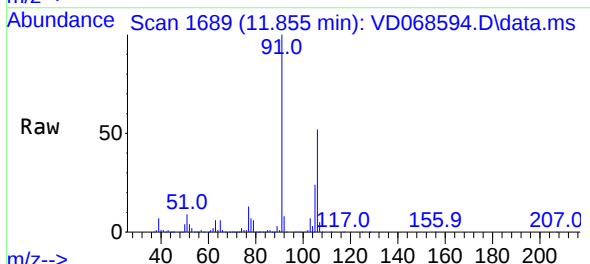
Manual Integrations
APPROVED

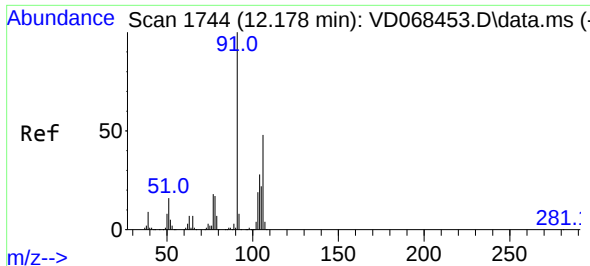
MMDadoda
3/12/2021 2:01:30 PM



#68
m/p-Xylenes
Concen: 99.75 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:106 Resp: 802107
Ion Ratio Lower Upper
106 100
91 196.5 159.1 238.7





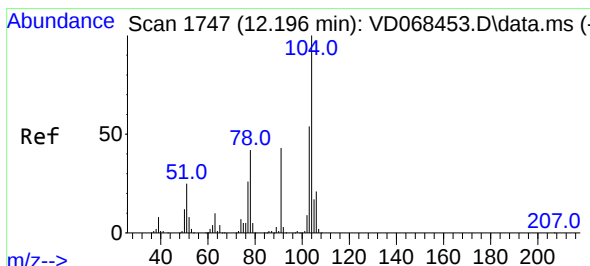
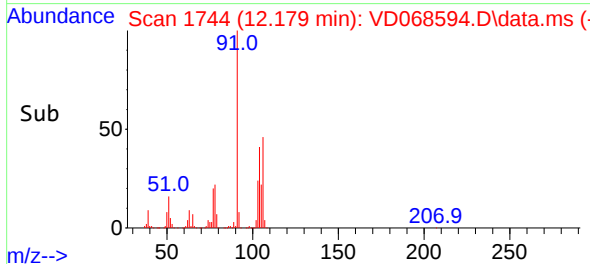
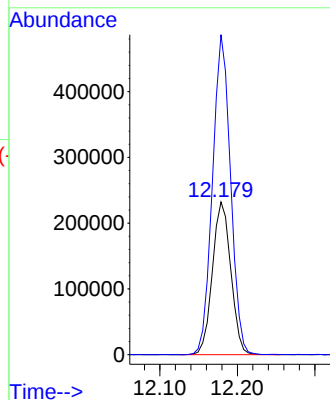
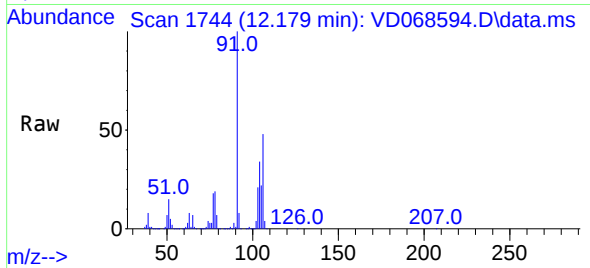
#69
o-Xylene
Concen: 51.66 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:106 Resp: 382624
Ion Ratio Lower Upper
106 100
91 205.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

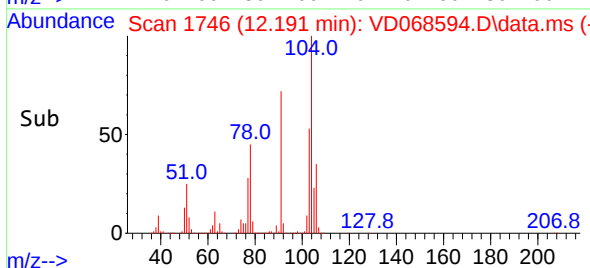
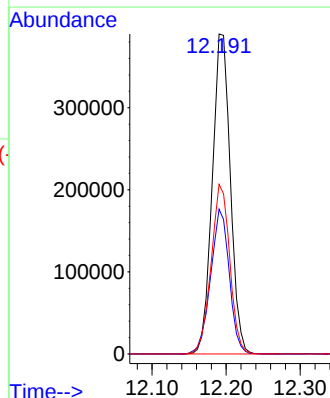
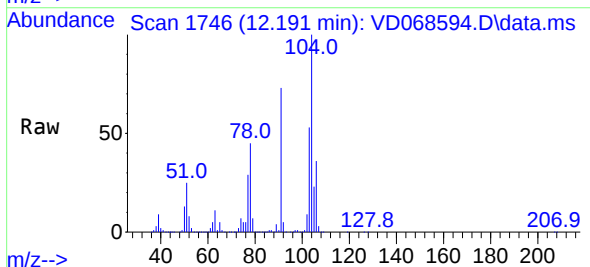
Manual Integrations
APPROVED

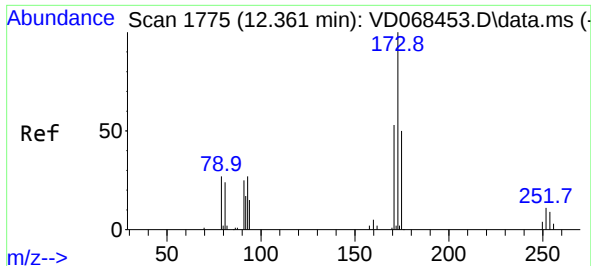
MMDadoda
3/12/2021 2:01:30 PM



#70
Styrene
Concen: 52.11 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:104 Resp: 660011
Ion Ratio Lower Upper
104 100
78 46.6 38.2 57.2
103 54.8 43.1 64.7





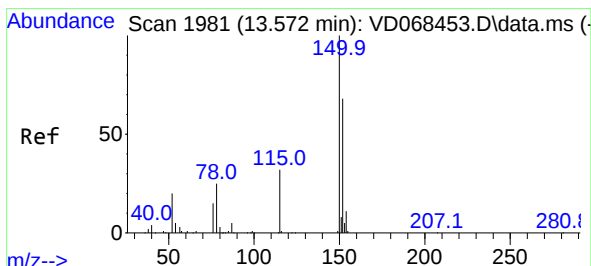
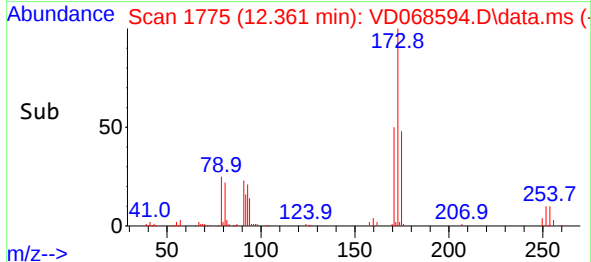
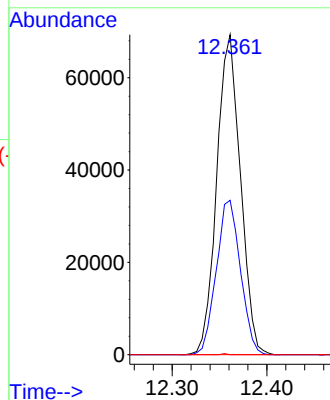
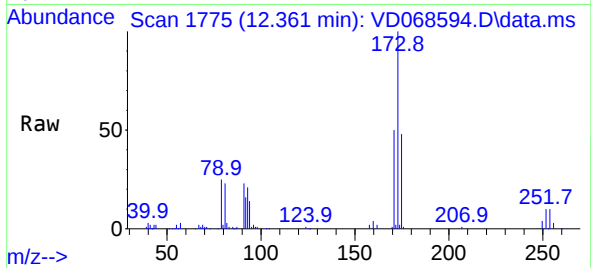
#71
Bromoform
Concen: 57.52 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:173 Resp: 120488
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

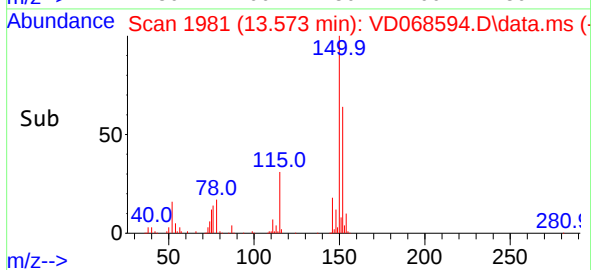
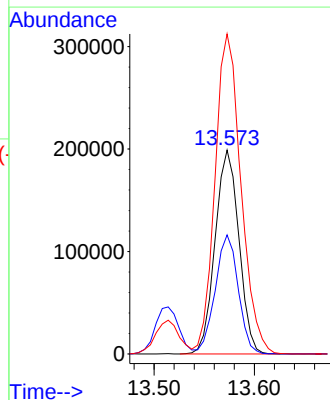
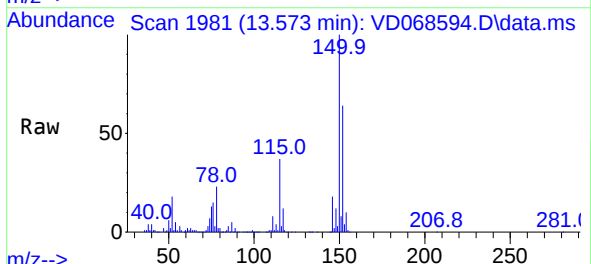
Manual Integrations
APPROVED

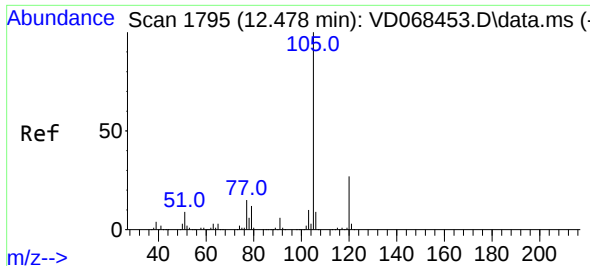
MMDadoda
3/12/2021 2:01:30 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

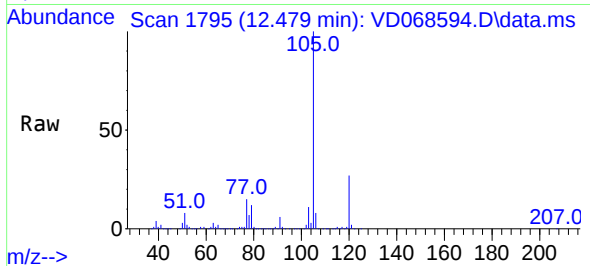
Tgt Ion:152 Resp: 327952
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 171.7 0.0 344.4





#73
Isopropylbenzene
Concen: 42.37 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

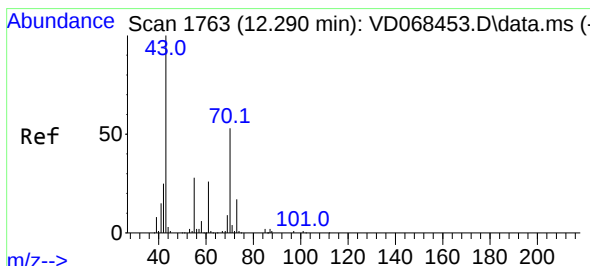
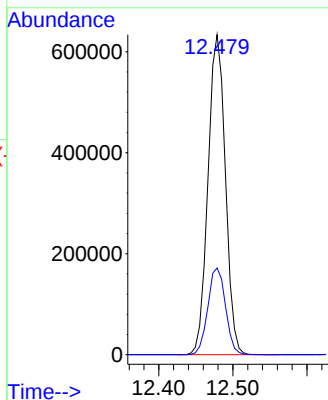
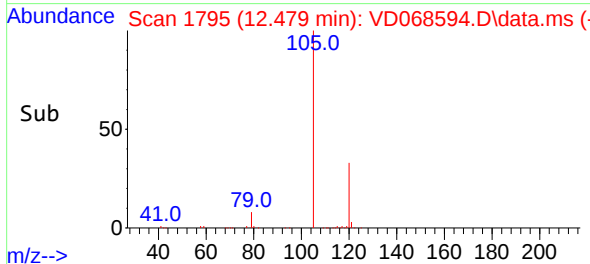
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



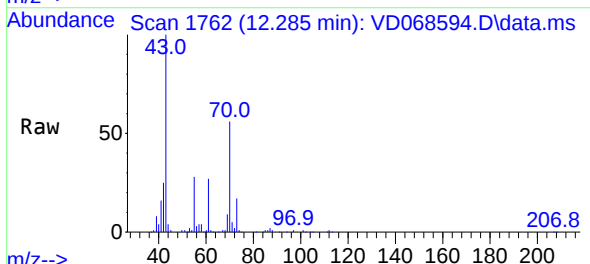
Tgt Ion: 105 Resp: 1030568
Ion Ratio Lower Upper
105 100
120 27.6 13.2 39.6

Manual Integrations
APPROVED

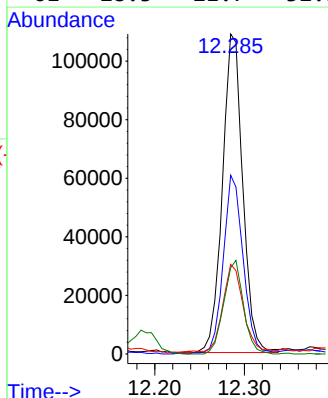
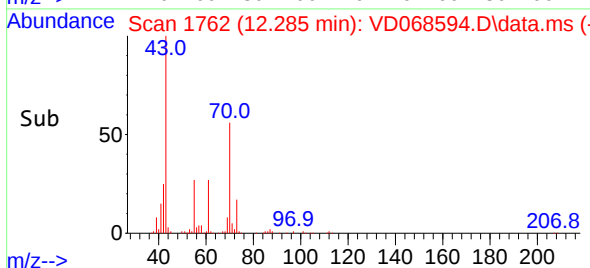
MMDadoda
3/12/2021 2:01:30 PM

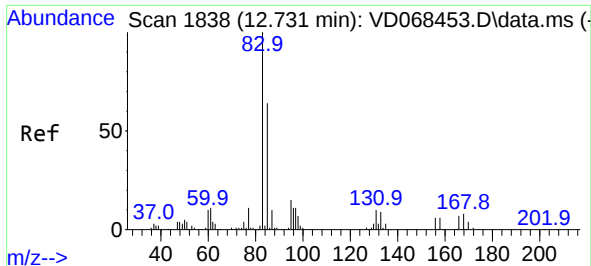


#74
N-ethyl acetate
Concen: 41.32 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



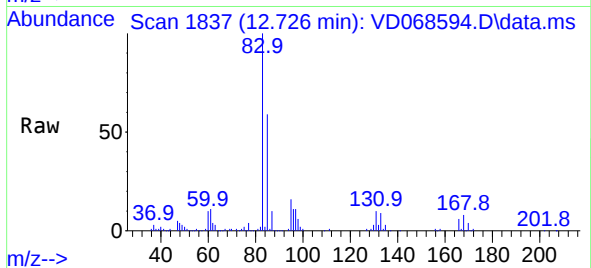
Tgt Ion: 43 Resp: 171212
Ion Ratio Lower Upper
43 100
70 54.9 41.8 62.8
55 28.0 24.2 36.4
61 28.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 42.50 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

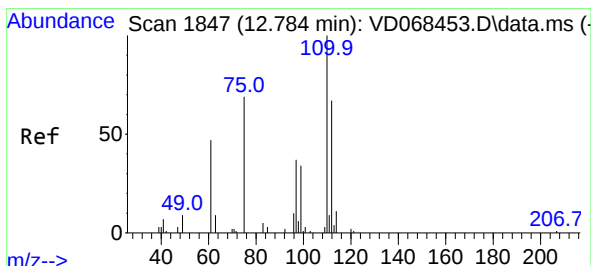
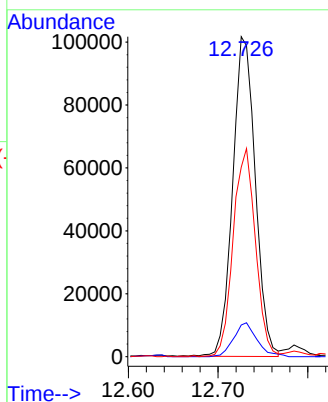
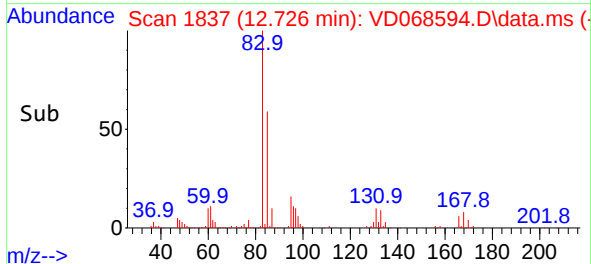
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



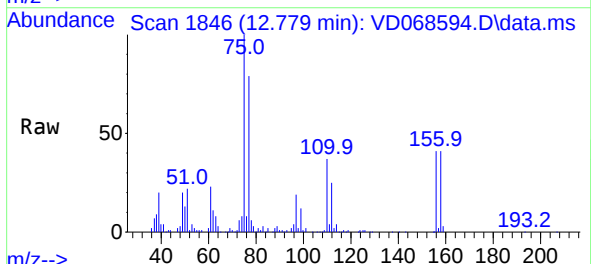
Tgt Ion: 83 Resp: 177826
Ion Ratio Lower Upper
83 100
131 11.0 5.8 17.4
85 64.1 32.4 97.2

Manual Integrations
APPROVED

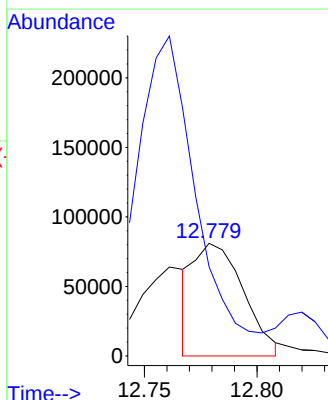
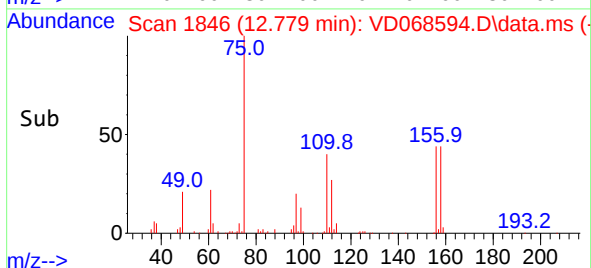
MMDadoda
3/12/2021 2:01:30 PM

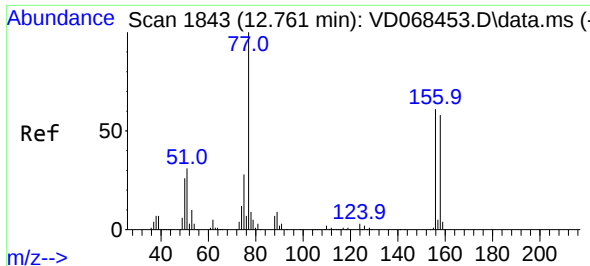


#76
1,2,3-Trichloropropane
Concen: 42.79 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



Tgt Ion: 75 Resp: 124575
Ion Ratio Lower Upper
75 100
77 346.5 0.0 0.0#





#77
Bromobenzene
Concen: 46.65 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

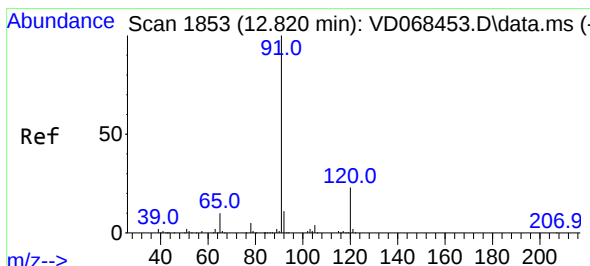
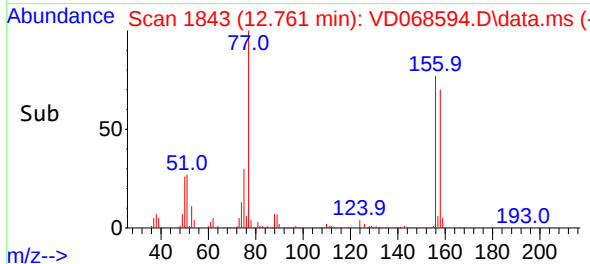
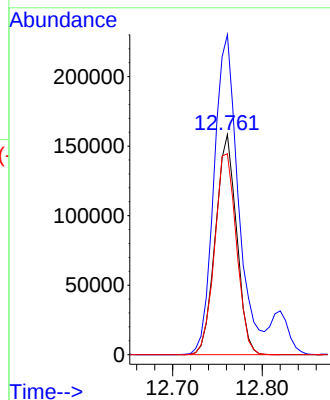
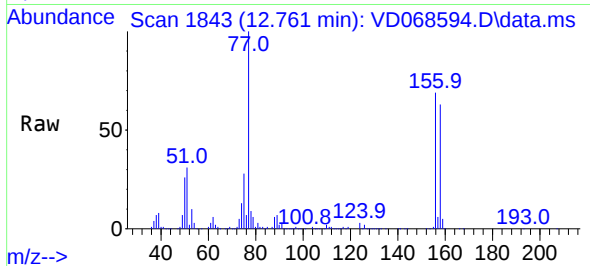
Tgt Ion:156 Resp: 258943

Ion	Ratio	Lower	Upper
156	100		
77	166.7	82.8	248.3
158	94.8	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

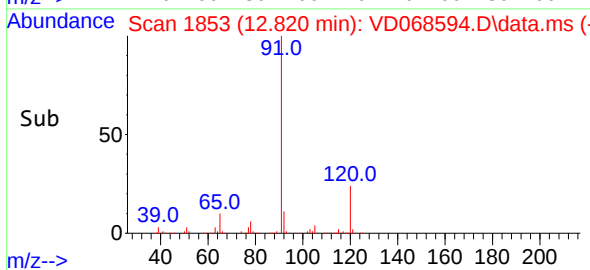
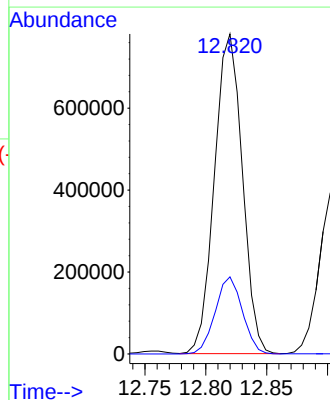
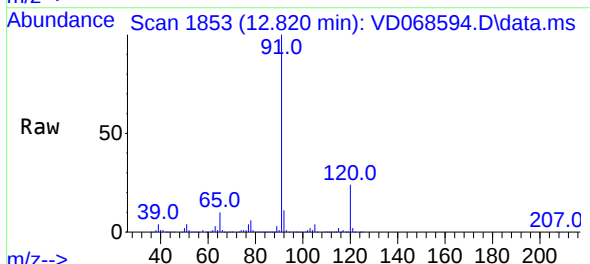
MMDadoda
3/12/2021 2:01:30 PM

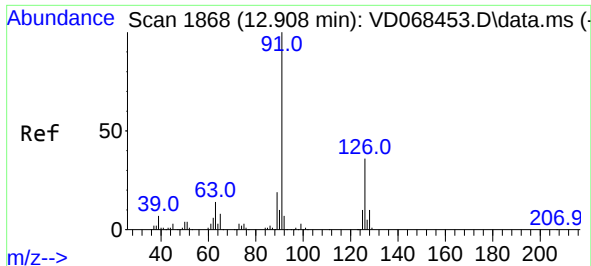


#78
n-propylbenzene
Concen: 42.78 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion: 91 Resp: 1243380

Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.0	36.0





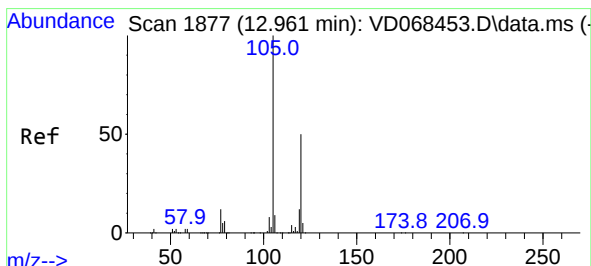
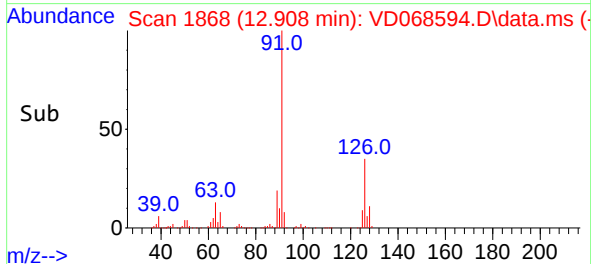
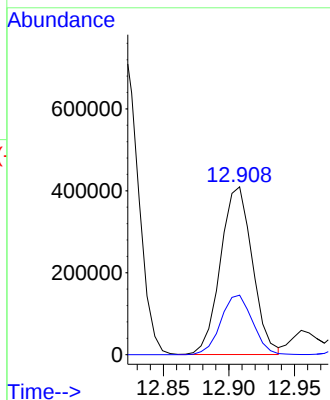
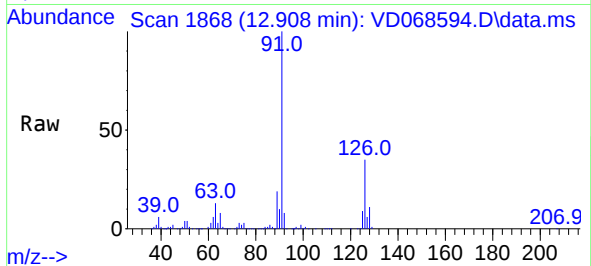
#79
2-Chlorotoluene
Concen: 42.95 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 692915
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

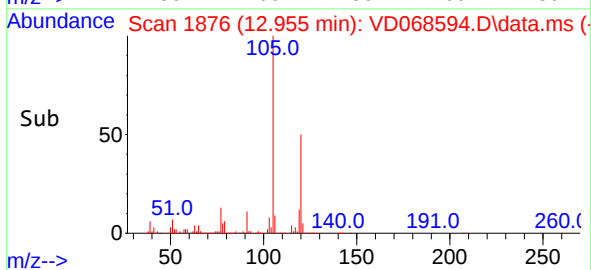
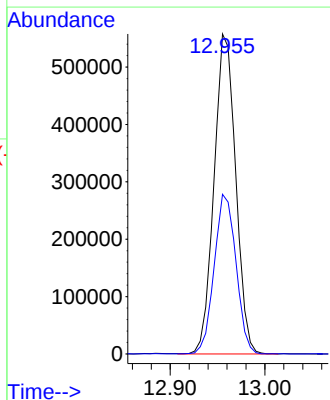
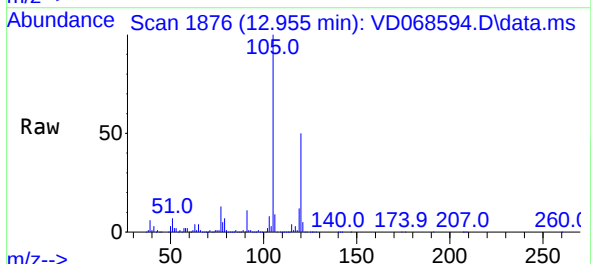
Manual Integrations
APPROVED

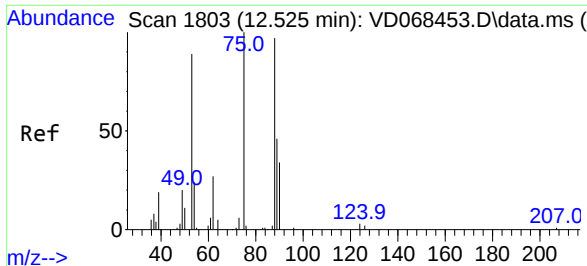
MMDadoda
3/12/2021 2:01:30 PM



#80
1,3,5-Trimethylbenzene
Concen: 44.44 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

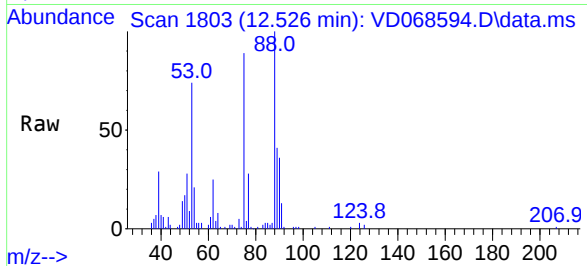
Tgt Ion: 105 Resp: 885973
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 41.26 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

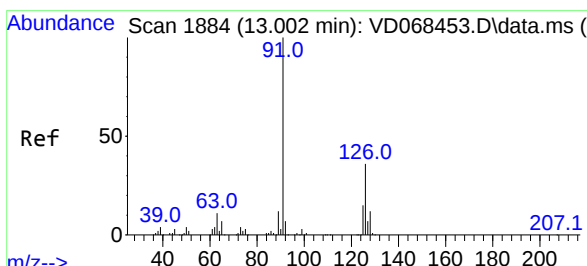
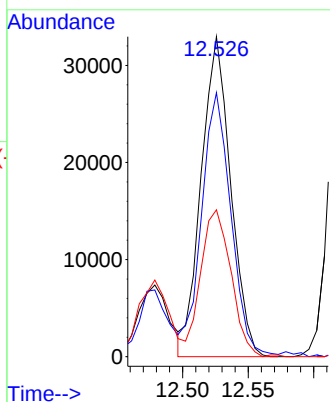
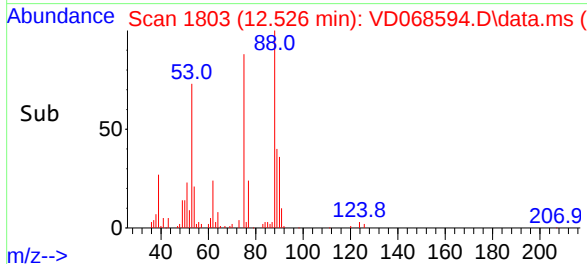
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



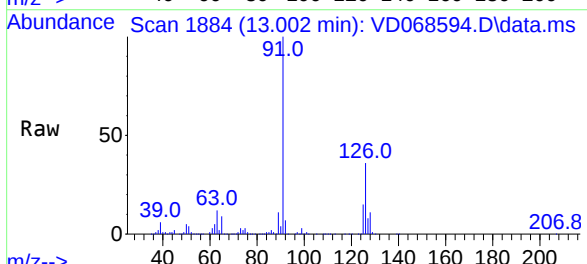
Tgt Ion: 75 Resp: 51476
Ion Ratio Lower Upper
75 100
53 80.5 70.2 105.2
89 46.9 40.3 60.5

Manual Integrations
APPROVED

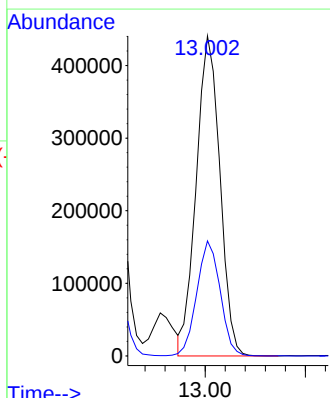
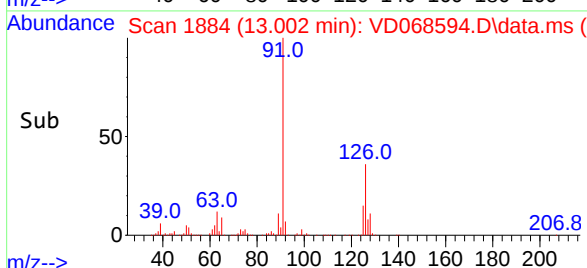
MMDadoda
3/12/2021 2:01:30 PM

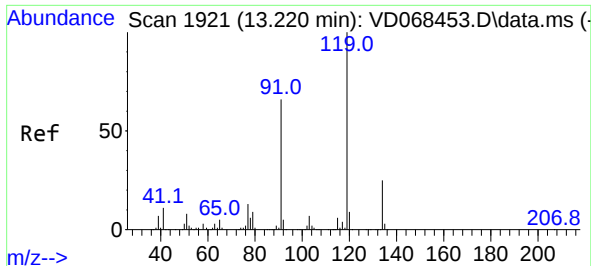


#82
4-Chlorotoluene
Concen: 42.64 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



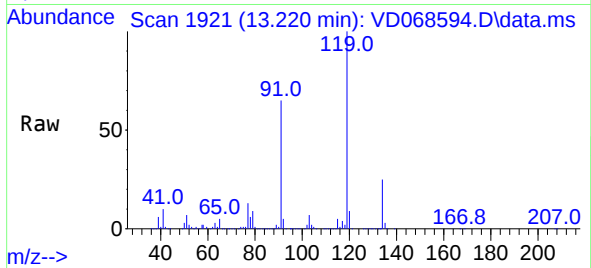
Tgt Ion: 91 Resp: 723726
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 43.80 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

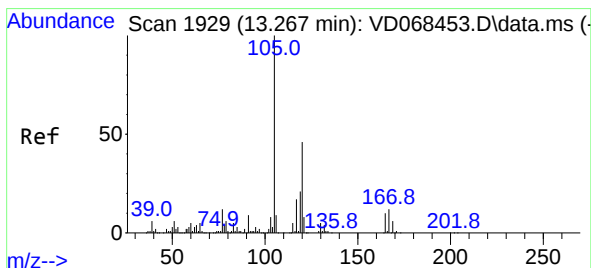
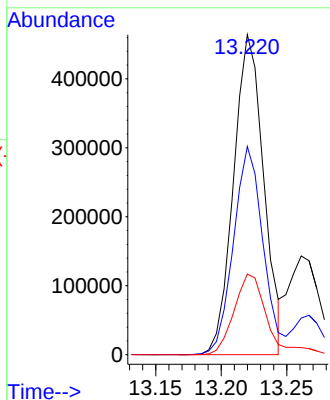
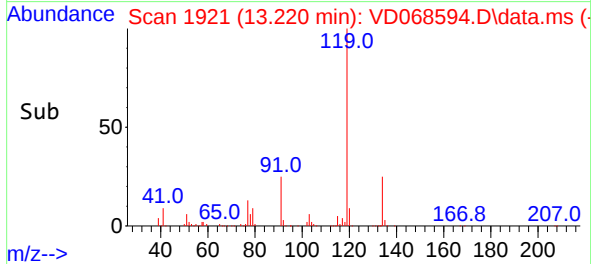
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



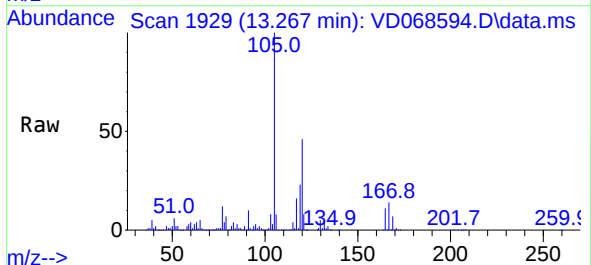
Tgt Ion:119 Resp: 743512
Ion Ratio Lower Upper
119 100
91 64.0 31.1 93.5
134 27.5 13.3 39.8

Manual Integrations
APPROVED

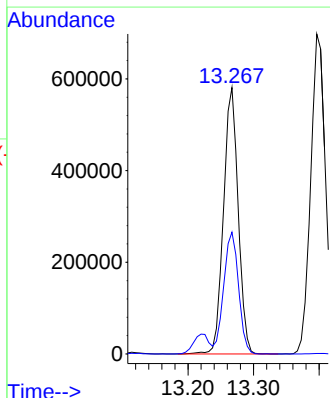
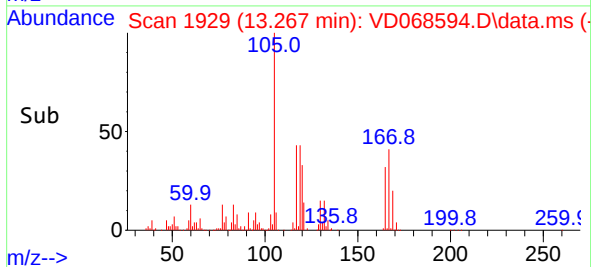
MMDadoda
3/12/2021 2:01:30 PM

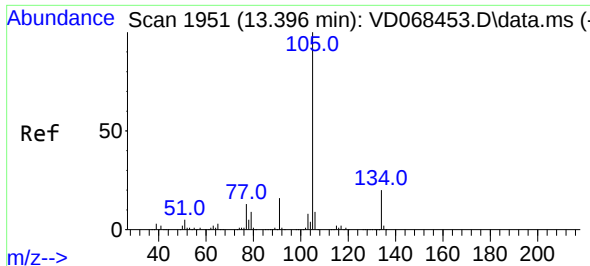


#84
1,2,4-Trimethylbenzene
Concen: 45.12 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



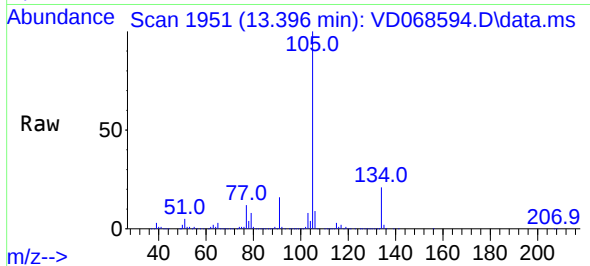
Tgt Ion:105 Resp: 900808
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#85
sec-Butylbenzene
Concen: 45.72 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

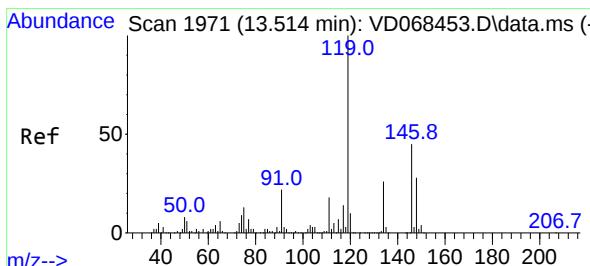
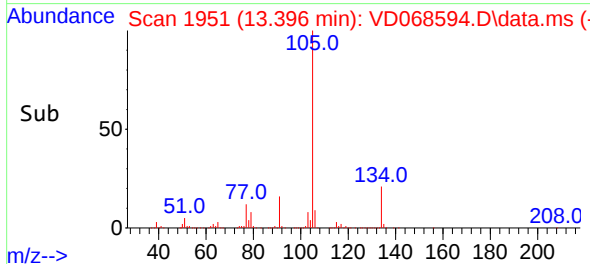
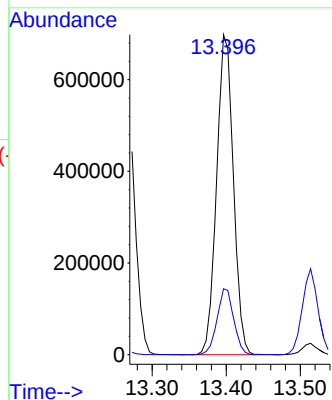
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



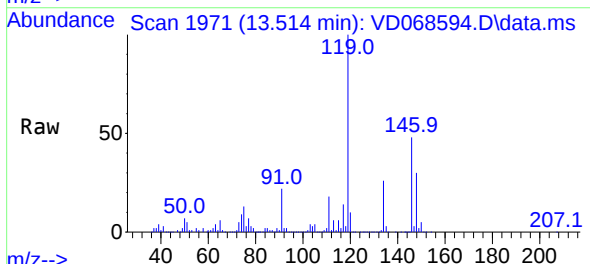
Tgt Ion:105 Resp: 1096206
Ion Ratio Lower Upper
105 100
134 20.4 10.3 30.9

Manual Integrations
APPROVED

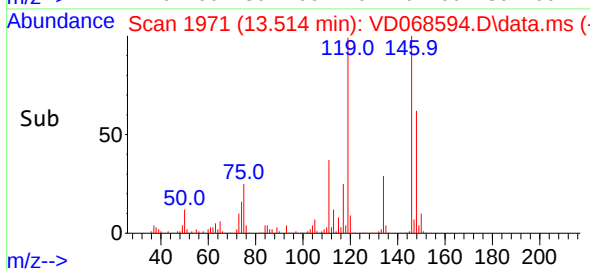
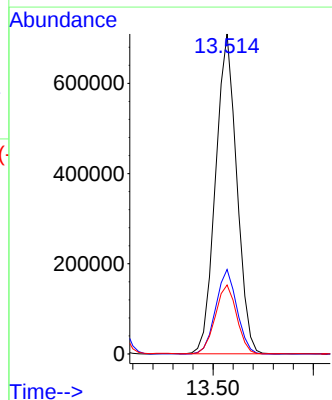
MMDadoda
3/12/2021 2:01:30 PM

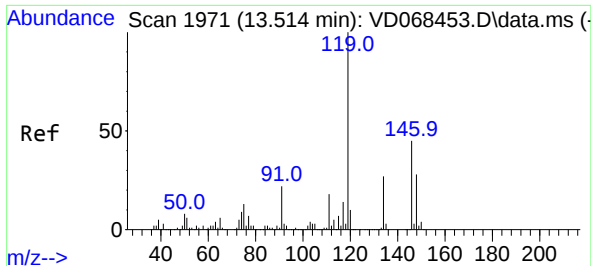


#86
p-Isopropyltoluene
Concen: 47.80 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

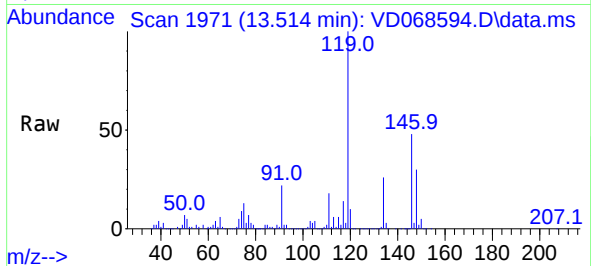


Tgt Ion:119 Resp: 1040430
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 21.7 11.7 35.0

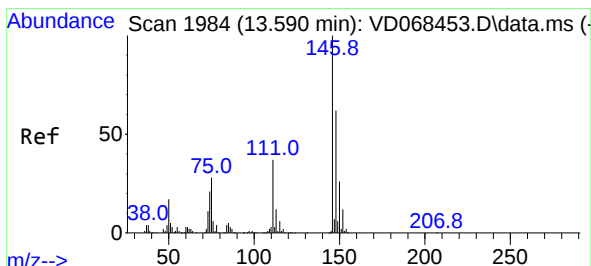
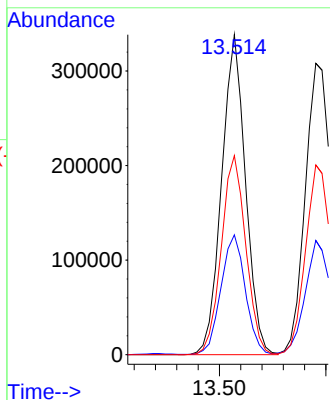
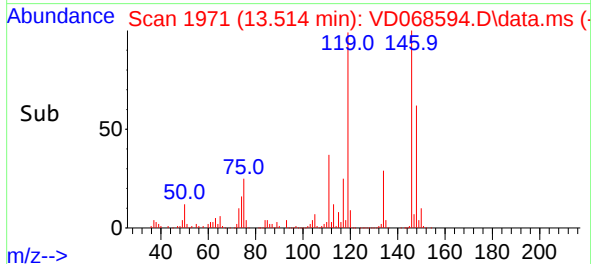




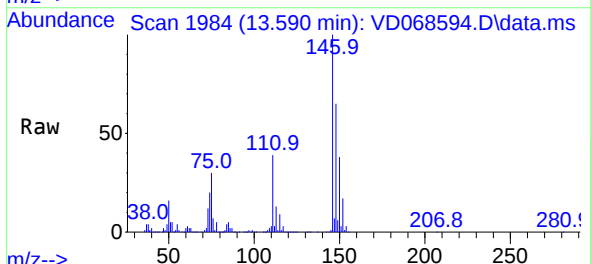
#87
1,3-Dichlorobenzene
Concen: 49.11 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



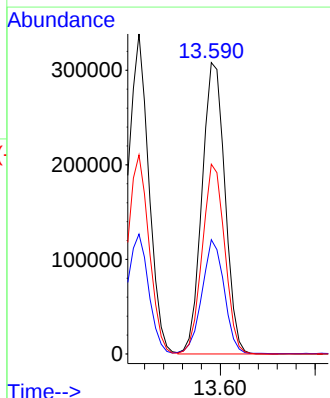
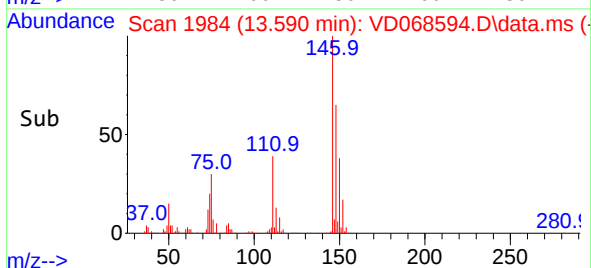
Tgt Ion:146 Resp: 526500
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 48.71 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



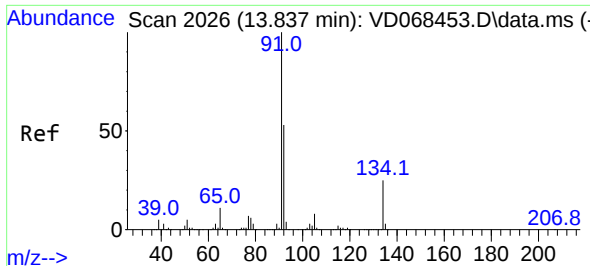
Tgt Ion:146 Resp: 517404
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 63.8 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

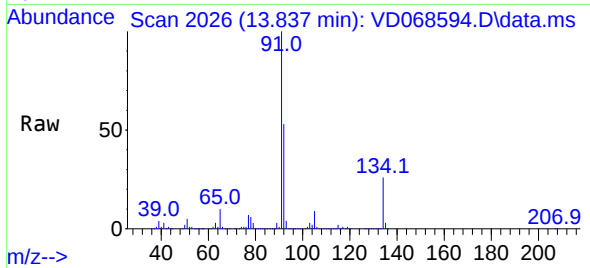
Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



#89
n-Butylbenzene
Concen: 45.11 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

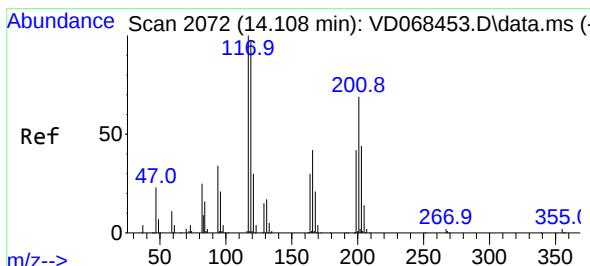
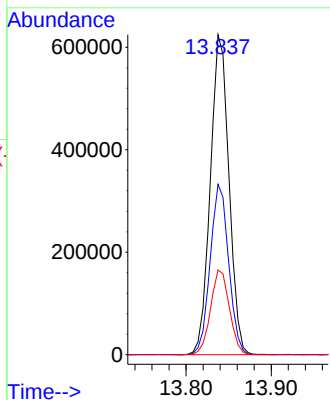
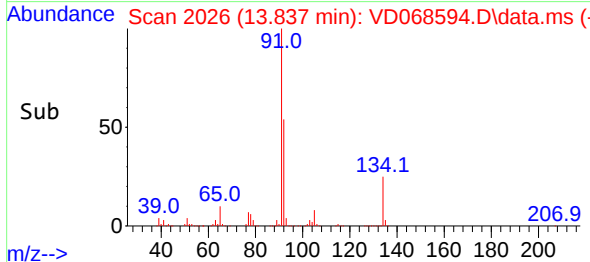
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



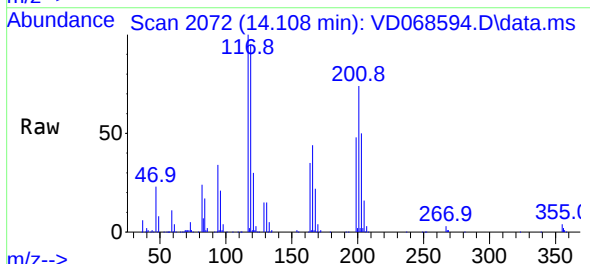
Tgt Ion: 91 Resp: 947148
Ion Ratio Lower Upper
91 100
92 52.9 27.2 81.6
134 26.8 13.9 41.7

Manual Integrations
APPROVED

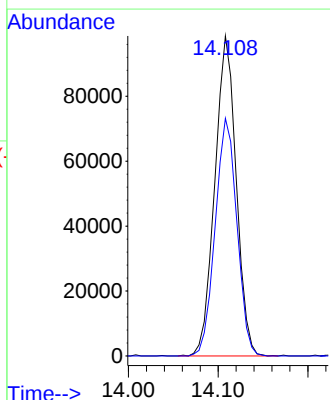
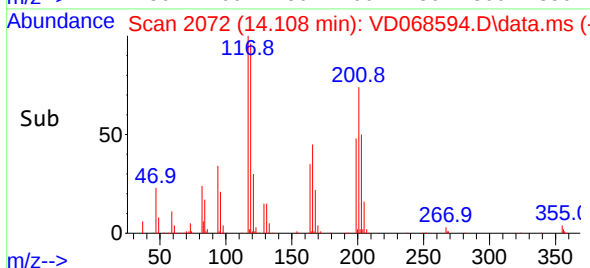
MMDadoda
3/12/2021 2:01:30 PM

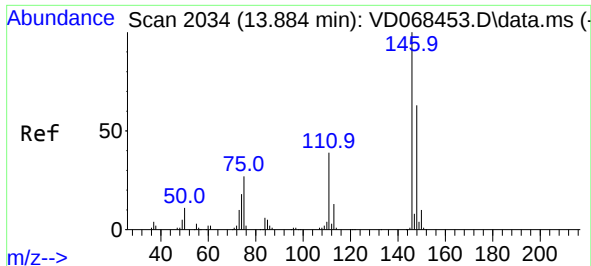


#90
Hexachloroethane
Concen: 37.76 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

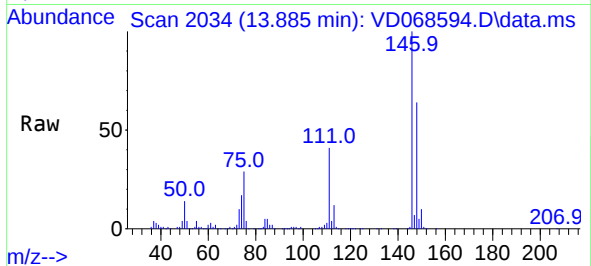


Tgt Ion: 117 Resp: 163356
Ion Ratio Lower Upper
117 100
201 75.2 39.5 118.5

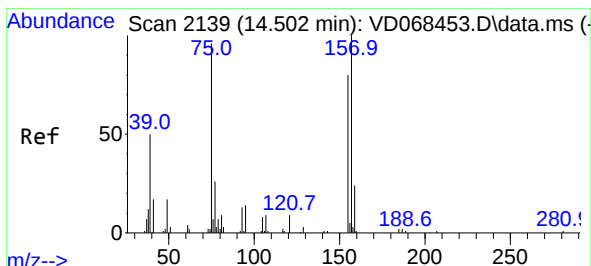
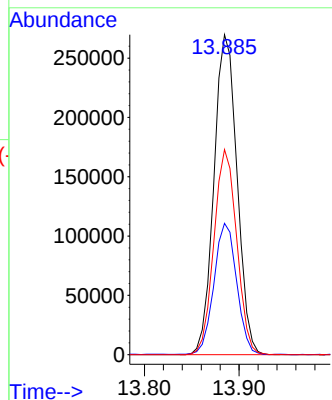
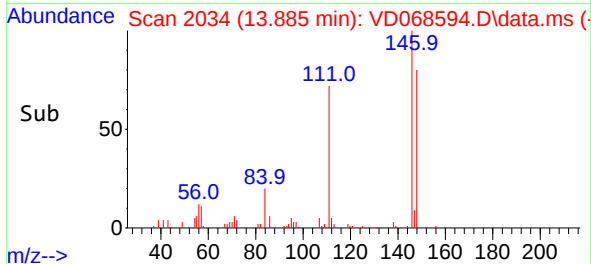




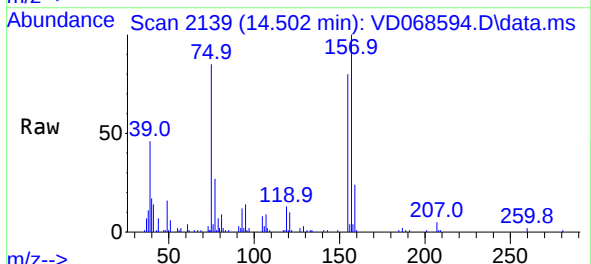
#91
1,2-Dichlorobenzene
Concen: 49.76 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



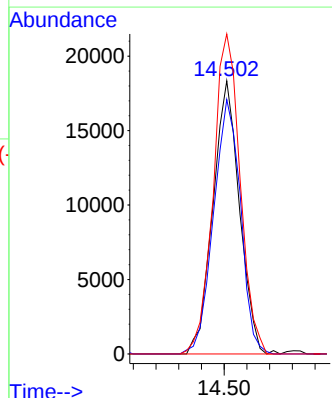
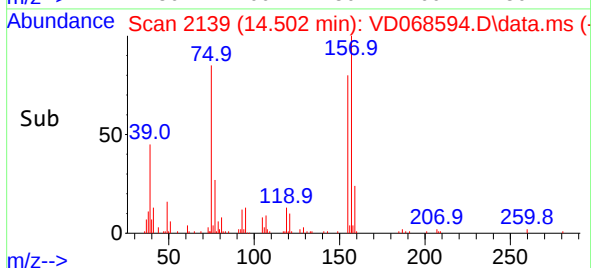
Tgt Ion:146 Resp: 457523
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.38 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26



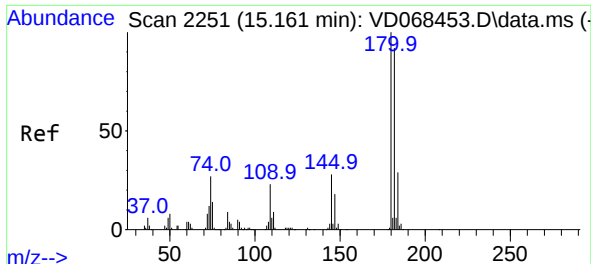
Tgt Ion: 75 Resp: 29784
Ion Ratio Lower Upper
75 100
155 94.3 48.0 144.2
157 118.6 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



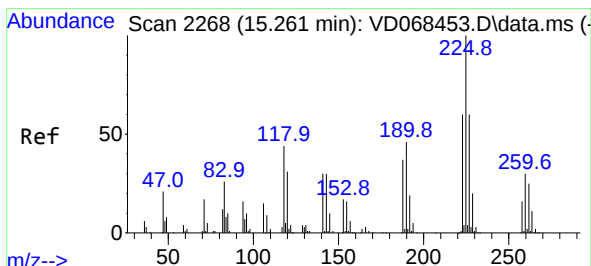
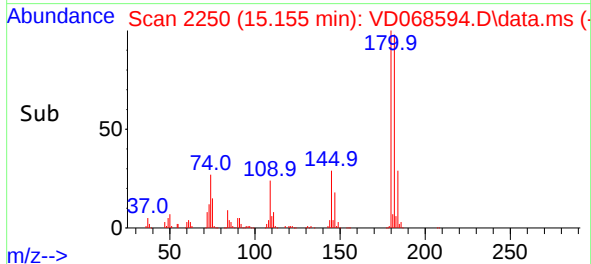
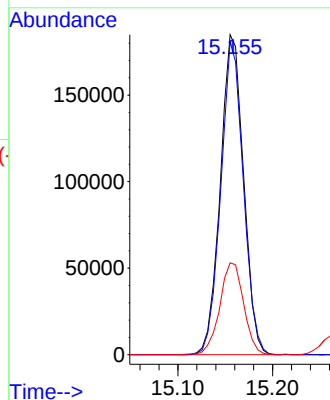
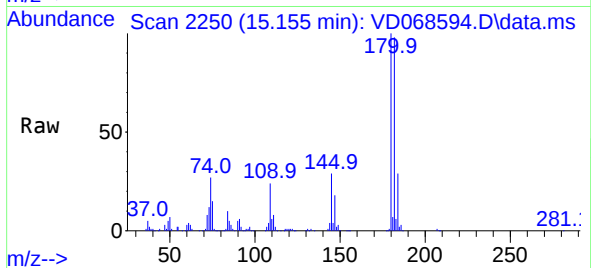
#93
1,2,4-Trichlorobenzene
Concen: 44.33 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:180 Resp: 314870
Ion Ratio Lower Upper
180 100
182 94.9 46.8 140.4
145 29.6 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

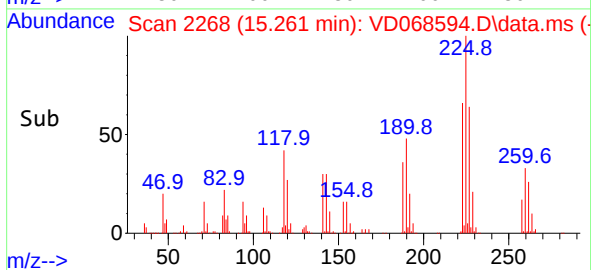
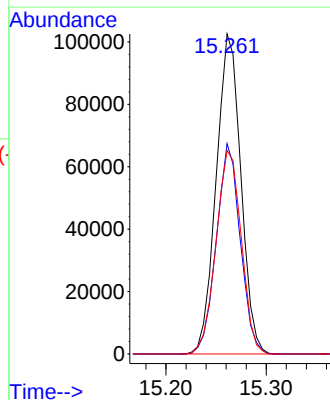
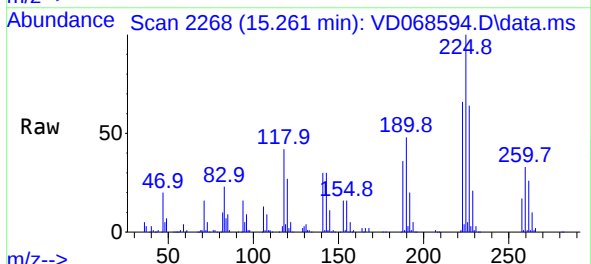
Manual Integrations
APPROVED

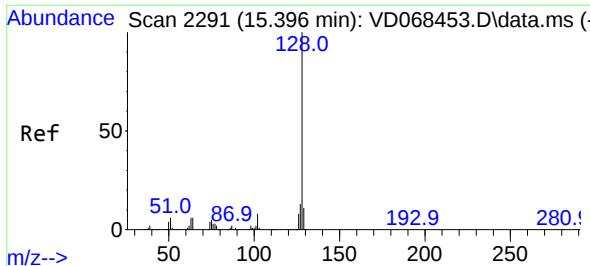
MMDadoda
3/12/2021 2:01:30 PM



#94
Hexachlorobutadiene
Concen: 44.43 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:225 Resp: 175138
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.5
227 65.1 32.1 96.5





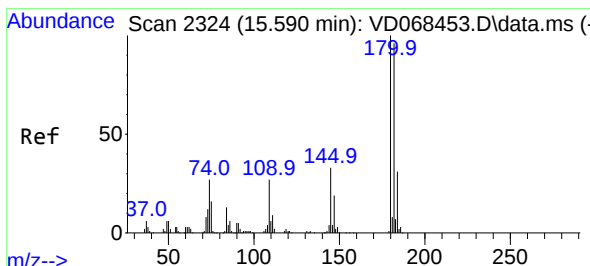
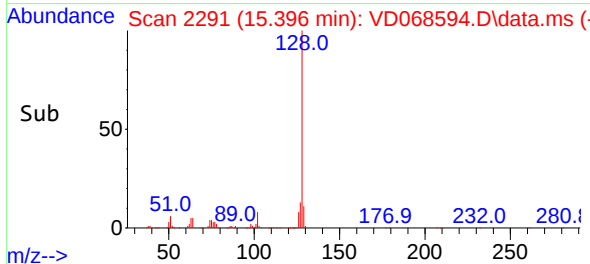
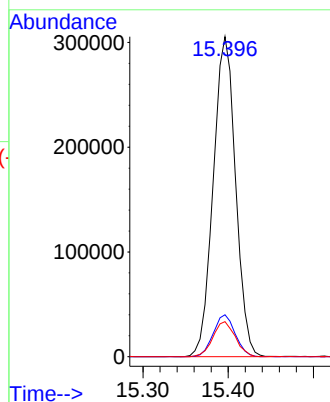
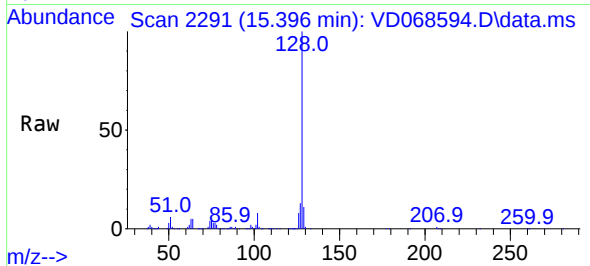
#95
Naphthalene
Concen: 43.31 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:	128	Resp:	556996
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 42.78 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068594.D
Acq: 11 Mar 2021 19:26

Tgt Ion:	180	Resp:	263028
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.3	144.8
145	31.7	16.7	50.1

