

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067996.D
 Acq On : 04 Jan 2021 17:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/5/2021 1:36:58 PM

Quant Time: Jan 05 00:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	448103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	427192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	144109	49.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.64%
35) Dibromofluoromethane	7.920	113	144796	51.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.56%
50) Toluene-d8	10.344	98	519674	48.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.94%
62) 4-Bromofluorobenzene	12.632	95	179254	49.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	139855	51.26	ug/l	97
3) Chloromethane	2.209	50	165727	44.43	ug/l	99
4) Vinyl Chloride	2.350	62	158322	45.55	ug/l	98
5) Bromomethane	2.768	94	105339	47.75	ug/l	99
6) Chloroethane	2.926	64	99068	46.37	ug/l	90
7) Trichlorofluoromethane	3.273	101	256023	49.98	ug/l	96
8) Diethyl Ether	3.709	74	77631	52.86	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	151233	49.53	ug/l	99
10) Methyl Iodide	4.303	142	138372	44.85	ug/l	96
11) Tert butyl alcohol	5.215	59	49065	305.95	ug/l	98
12) 1,1-Dichloroethene	4.068	96	140454	47.96	ug/l	98
13) Acrolein	3.920	56	46455	225.66	ug/l	98
14) Allyl chloride	4.720	41	242090	46.49	ug/l	97
15) Acrylonitrile	5.420	53	177436	252.35	ug/l	99
16) Acetone	4.162	43	135794	245.88	ug/l	90
17) Carbon Disulfide	4.409	76	473662	46.41	ug/l	97
18) Methyl Acetate	4.720	43	79958	48.99	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	332958	54.68	ug/l	95
20) Methylene Chloride	4.973	84	179515	50.30	ug/l	99
21) trans-1,2-Dichloroethene	5.479	96	174222	49.78	ug/l	97
22) Diisopropyl ether	6.362	45	529634	50.50	ug/l	95
23) Vinyl Acetate	6.309	43	1429164	268.07	ug/l	99
24) 1,1-Dichloroethane	6.267	63	309886	48.81	ug/l	98
25) 2-Butanone	7.214	43	210502	258.45	ug/l	100
26) 2,2-Dichloropropane	7.209	77	248624	49.70	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	187786	50.22	ug/l	98
28) Bromochloromethane	7.550	49	122052	50.99	ug/l	95
29) Tetrahydrofuran	7.561	42	144068	261.50	ug/l	96
30) Chloroform	7.714	83	318920	51.28	ug/l	99
31) Cyclohexane	7.985	56	268892	45.47	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	267961	50.30	ug/l	99
36) 1,1-Dichloropropene	8.114	75	242958	51.01	ug/l	99
37) Ethyl Acetate	7.297	43	104005	53.97	ug/l	98
38) Carbon Tetrachloride	8.103	117	234444	51.54	ug/l	94
39) Methylcyclohexane	9.355	83	274115	50.20	ug/l	99
40) Benzene	8.356	78	703224	50.90	ug/l	97
41) Methacrylonitrile	7.526	41	57661	53.15	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067996.D
 Acq On : 04 Jan 2021 17:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/5/2021 1:36:58 PM

Quant Time: Jan 05 00:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	197180	52.92	ug/l	100
43) Isopropyl Acetate	8.456	43	188289	53.23	ug/l	98
44) Trichloroethene	9.114	130	173147	49.99	ug/l	100
45) 1,2-Dichloropropane	9.391	63	177888	50.57	ug/l	94
46) Dibromomethane	9.479	93	91947	53.78	ug/l	97
47) Bromodichloromethane	9.661	83	240151	52.06	ug/l	100
48) Methyl methacrylate	9.455	41	89797	49.12	ug/l	87
49) 1,4-Dioxane	9.461	88	20927	1121.02	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	510043	278.45	ug/l	98
52) Toluene	10.408	92	438761	51.44	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	226068	54.19	ug/l	94
54) cis-1,3-Dichloropropene	10.091	75	264070	51.16	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	126302	52.86	ug/l	94
56) Ethyl methacrylate	10.661	69	153937	57.34	ug/l	95
57) 1,3-Dichloropropane	10.950	76	222306	52.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	404654	299.52	ug/l	100
59) 2-Hexanone	10.985	43	343387	285.27	ug/l	100
60) Dibromochloromethane	11.144	129	159641	53.94	ug/l	99
61) 1,2-Dibromoethane	11.249	107	122123	53.27	ug/l	99
64) Tetrachloroethene	10.879	164	144805	48.32	ug/l	92
65) Chlorobenzene	11.673	112	458182	49.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	164533	50.02	ug/l	100
67) Ethyl Benzene	11.744	91	827612	50.36	ug/l	100
68) m/p-Xylenes	11.855	106	645011	102.98	ug/l	97
69) o-Xylene	12.185	106	286727	51.16	ug/l	99
70) Styrene	12.197	104	505585	52.21	ug/l	99
71) Bromoform	12.361	173	87396	52.56	ug/l #	99
73) Isopropylbenzene	12.479	105	773167	51.89	ug/l	100
74) N-ethyl acetate	12.291	43	177834	52.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	144339	52.22	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	91604m	54.21	ug/l	
77) Bromobenzene	12.761	156	178512	52.40	ug/l	98
78) n-propylbenzene	12.820	91	949022	51.24	ug/l	100
79) 2-Chlorotoluene	12.908	91	528187	50.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	650911	52.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	44910	54.47	ug/l	97
82) 4-Chlorotoluene	13.008	91	559653	50.90	ug/l	100
83) tert-Butylbenzene	13.226	119	533832	52.46	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	659314	53.13	ug/l	98
85) sec-Butylbenzene	13.402	105	772702	51.89	ug/l	99
86) p-Isopropyltoluene	13.514	119	704630	53.77	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	344873	50.90	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	340392	50.87	ug/l	99
89) n-Butylbenzene	13.843	91	677063	52.09	ug/l	99
90) Hexachloroethane	14.114	117	137983	51.53	ug/l	97
91) 1,2-Dichlorobenzene	13.891	146	298530	52.33	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	21288	49.20	ug/l	95
93) 1,2,4-Trichlorobenzene	15.161	180	184954	54.61	ug/l	98
94) Hexachlorobutadiene	15.267	225	100316	50.62	ug/l	97
95) Naphthalene	15.402	128	345760	57.76	ug/l	98
96) 1,2,3-Trichlorobenzene	15.596	180	161431	55.16	ug/l	98

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

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

1/5/2021 1:36:58 PM

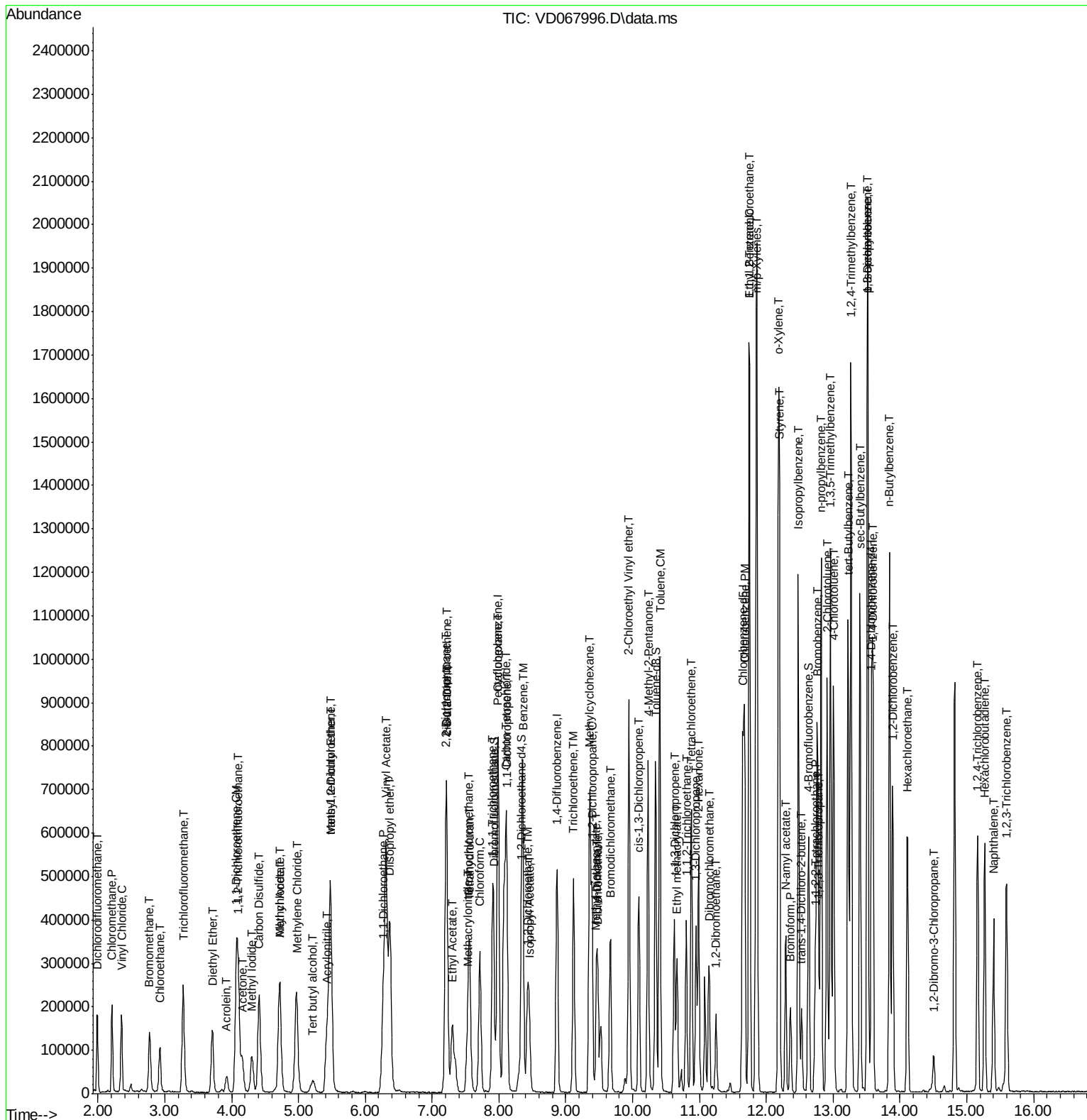
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067996.D
 Acq On : 04 Jan 2021 17:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

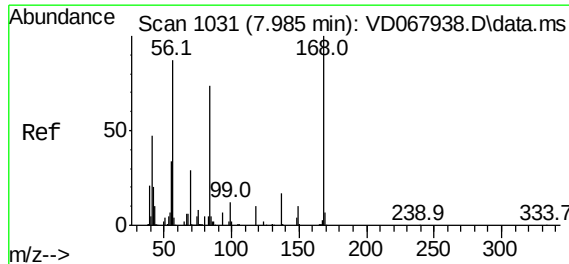
Instrument :
 MSVOA_D
 Client Sample Id :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/5/2021 1:36:58 PM

Quant Time: Jan 05 00:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration





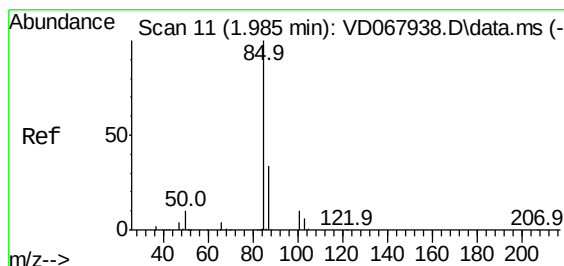
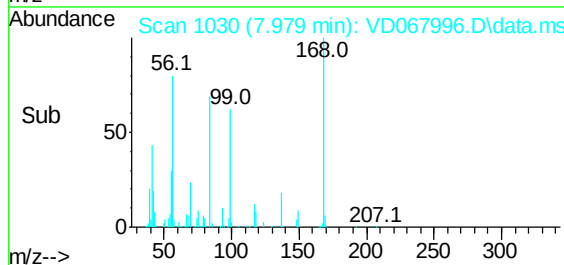
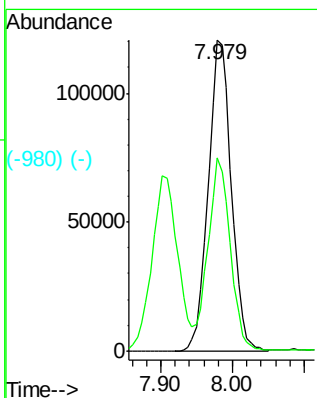
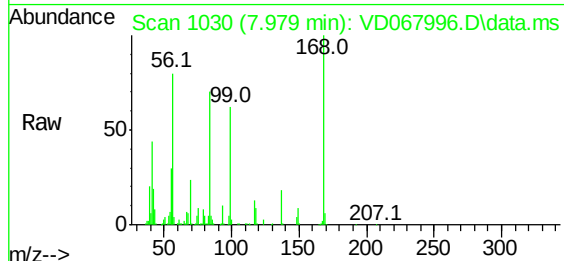
#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 267877
Ion Ratio Lower Upper
168 100
99 61.8 48.0 72.0

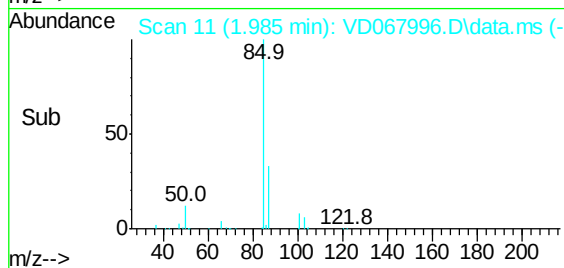
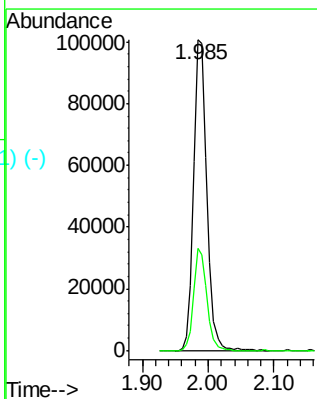
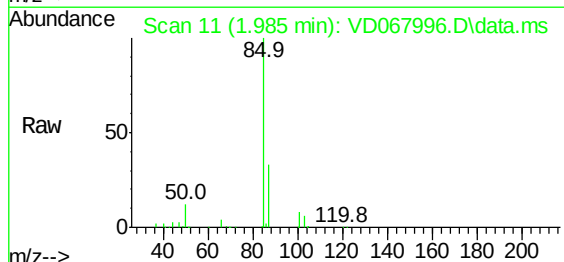
Manual Integrations
APPROVED

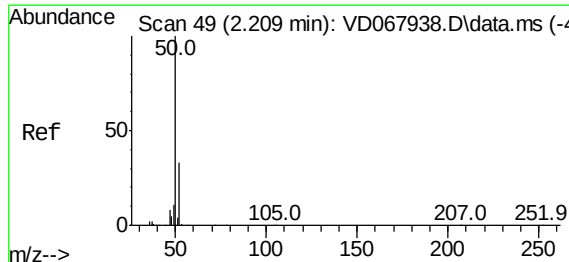
MMDadoda
1/5/2021 1:36:58 PM



#2
Dichlorodifluoromethane
Concen: 51.26 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 85 Resp: 139855
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.3





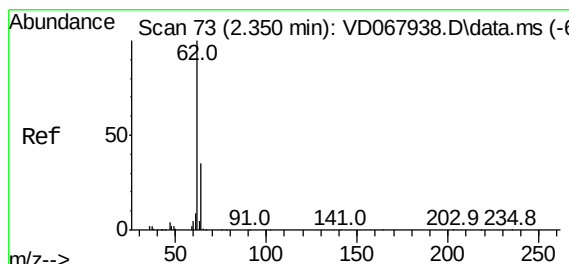
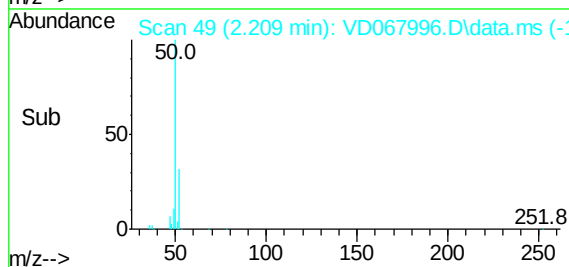
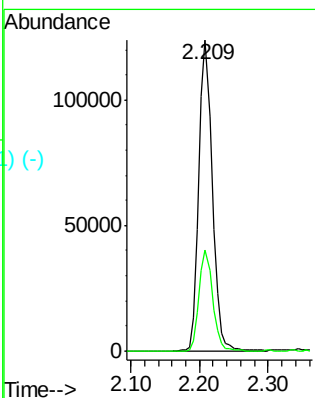
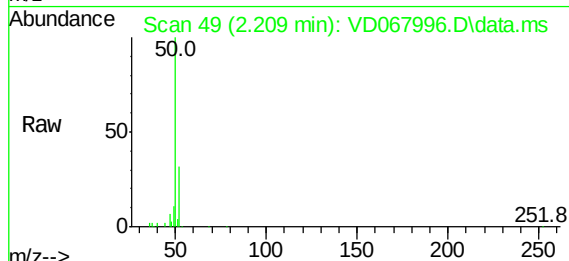
Chloromethane
 Concen: 44.43 ug/l
 RT: 2.209 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion:	50	Resp:	165727
Ion Ratio	Lower	Upper	
50	100		
52	32.3	26.2	39.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

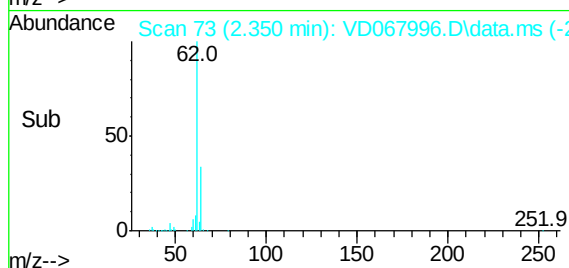
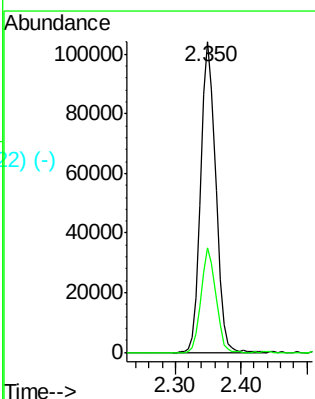
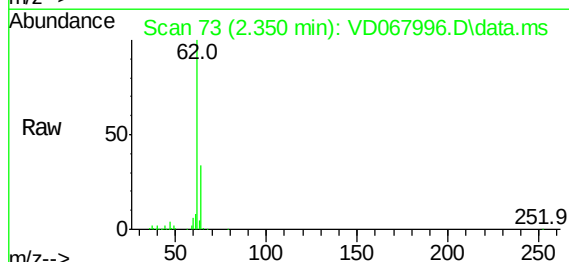
Manual Integrations
 APPROVED

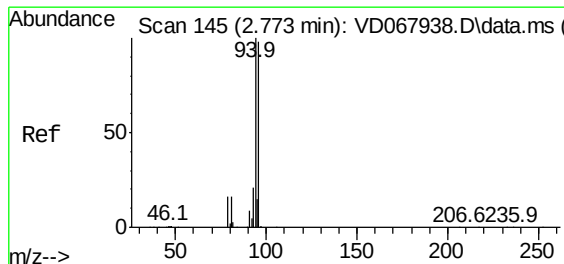
MMDadoda
 1/5/2021 1:36:58 PM



Vinyl Chloride
 Concen: 45.55 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion:	62	Resp:	158322
Ion Ratio	Lower	Upper	
62	100		
64	33.7	28.1	42.1





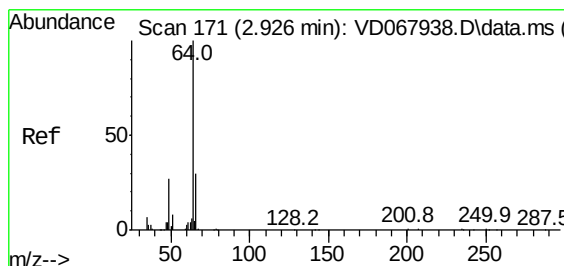
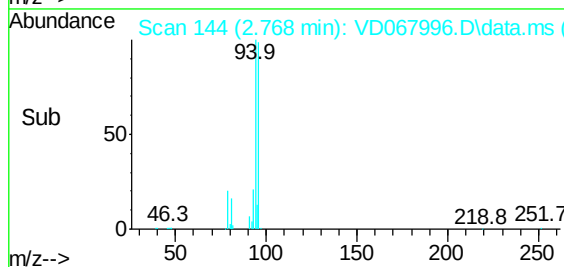
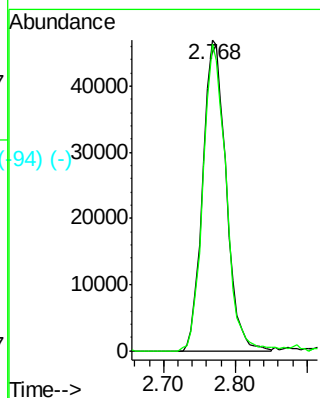
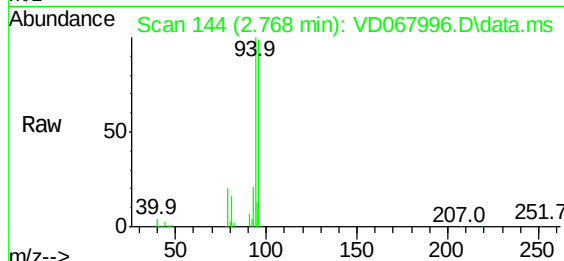
Bromomethane
Concen: 47.75 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 94 Resp: 105339
Ion Ratio Lower Upper
94 100
96 98.7 78.0 117.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

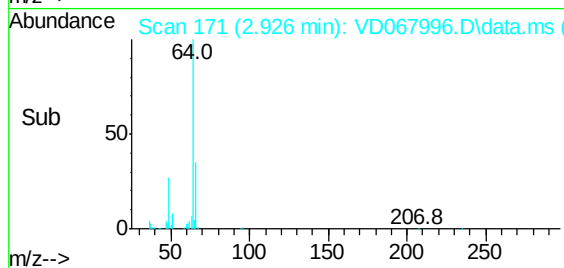
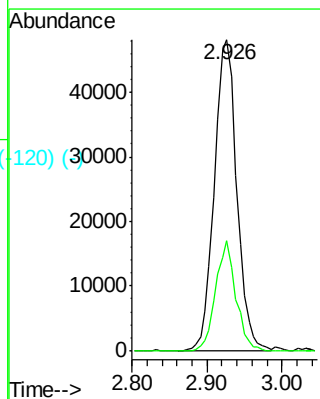
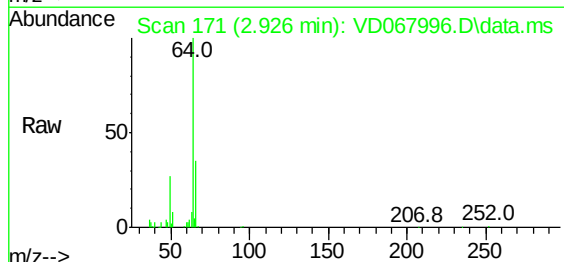
Manual Integrations
APPROVED

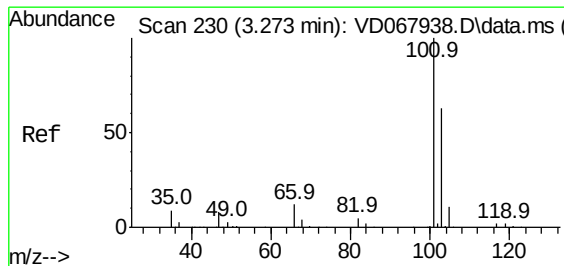
MMDadoda
1/5/2021 1:36:58 PM



Chloroethane
Concen: 46.37 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 64 Resp: 99068
Ion Ratio Lower Upper
64 100
66 35.4 24.1 36.1





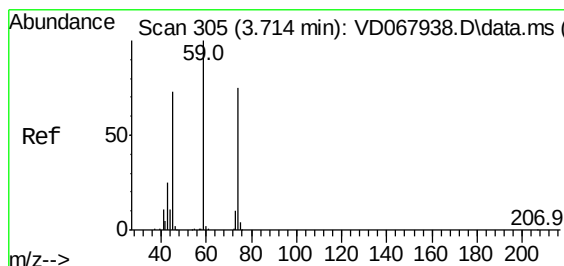
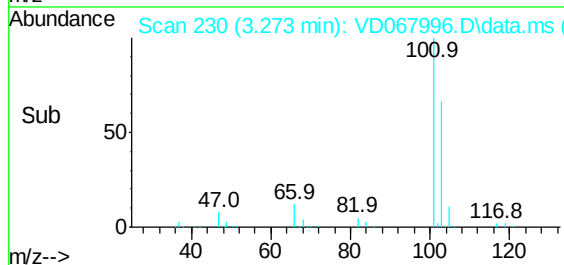
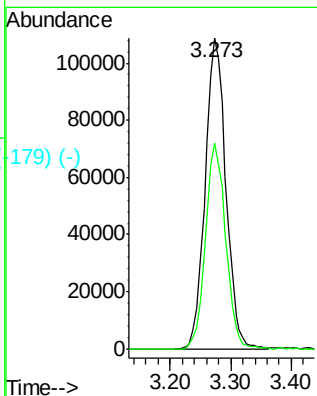
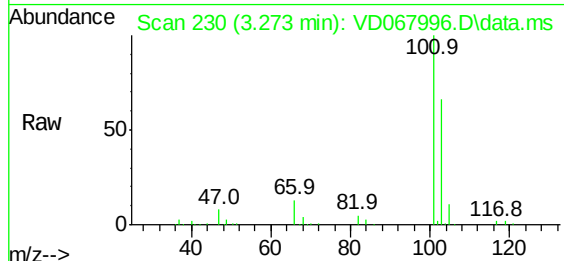
Trichlorofluoromethane
 Concen: 49.98 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 101 Resp: 256023
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.4 75.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

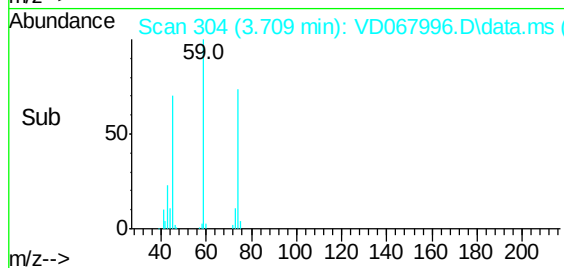
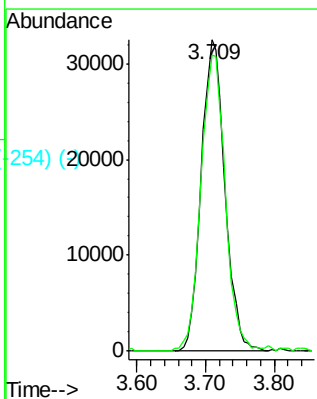
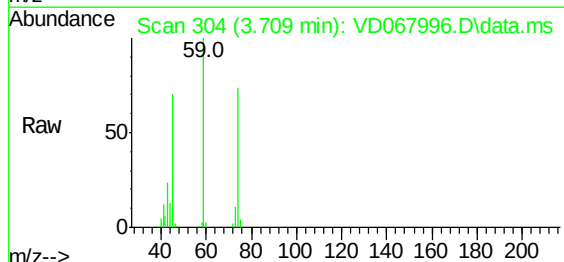
Manual Integrations
 APPROVED

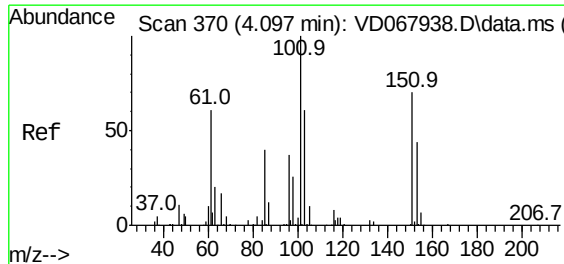
MMDadoda
 1/5/2021 1:36:58 PM



Diethyl Ether
 Concen: 52.86 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 74 Resp: 77631
 Ion Ratio Lower Upper
 74 100
 45 98.3 51.8 155.5





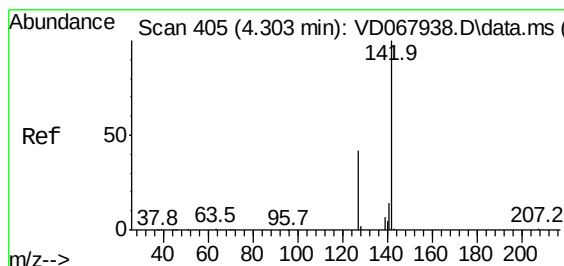
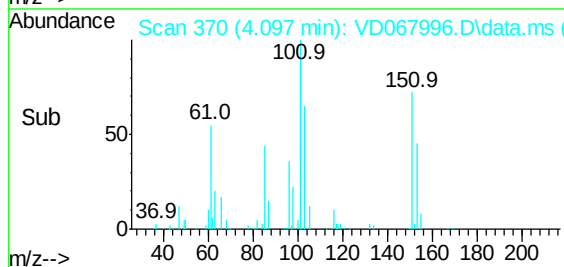
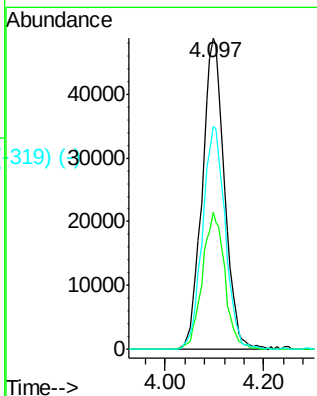
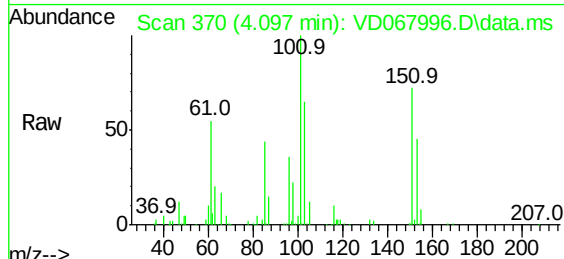
1,1,2-Trichlorotrifluoroethane
Concen: 49.53 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:101 Resp: 151233
Ion Ratio Lower Upper
101 100
85 44.0 34.2 51.2
151 72.9 57.6 86.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

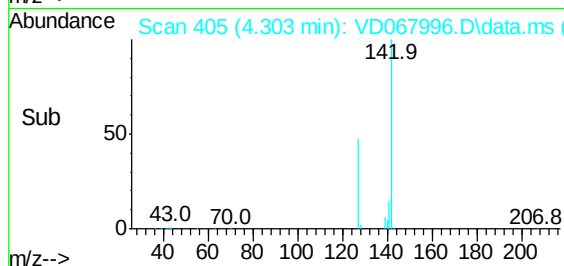
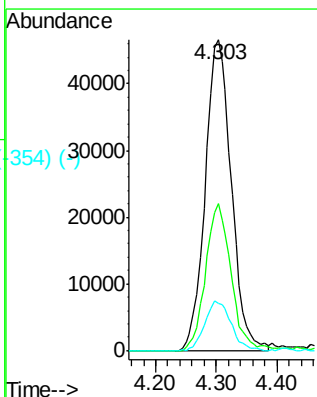
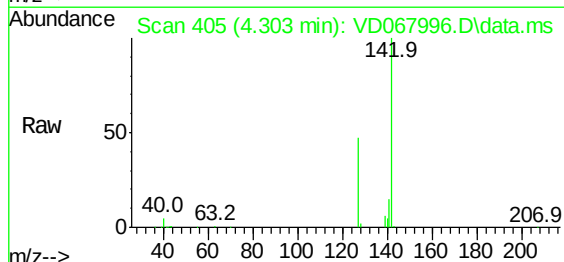
Manual Integrations
APPROVED

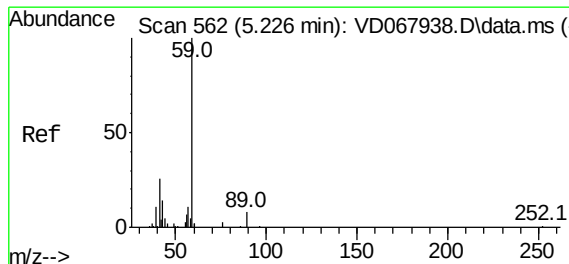
MMDadoda
1/5/2021 1:36:58 PM



Methyl Iodide
Concen: 44.85 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:142 Resp: 138372
Ion Ratio Lower Upper
142 100
127 46.0 34.4 51.6
141 15.9 11.8 17.8





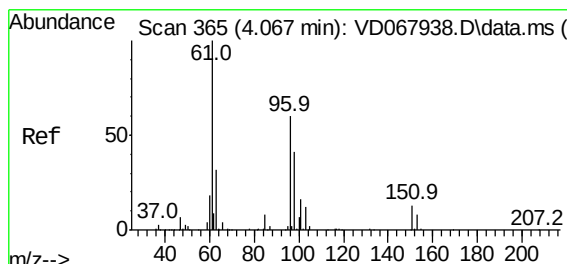
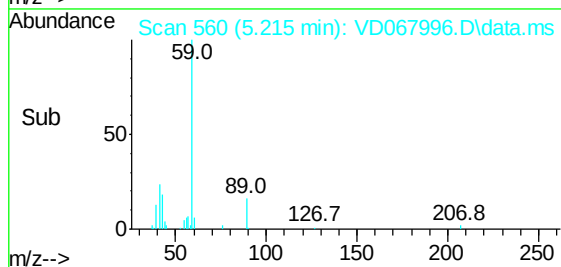
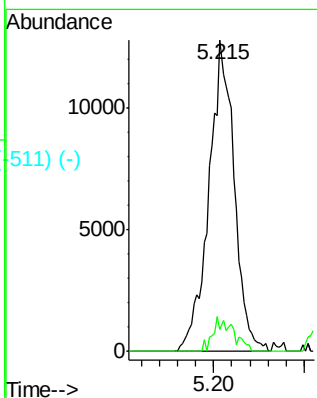
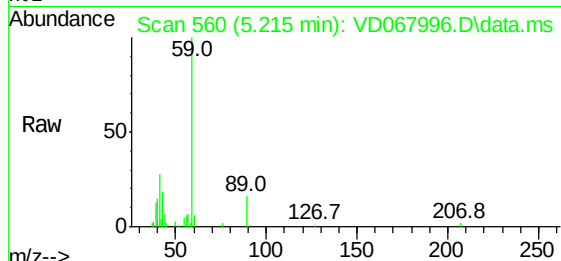
Tert butyl alcohol
 Concen: 305.95 ug/l
 RT: 5.215 min Scan# 560
 Delta R.T. -0.011 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion:	59	Resp:	49065
Ion Ratio	Lower	Upper	
59	100		
57	8.6	7.4	11.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

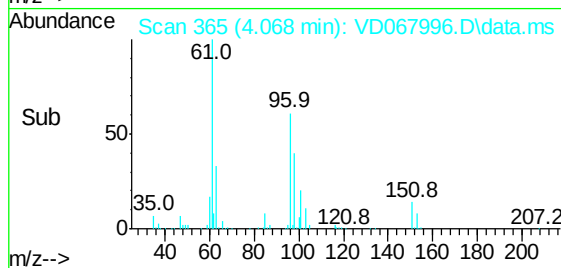
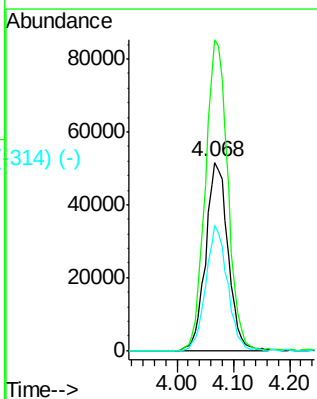
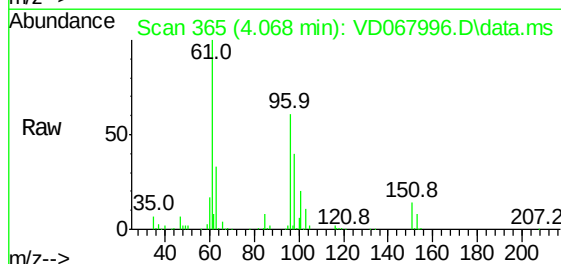
Manual Integrations
 APPROVED

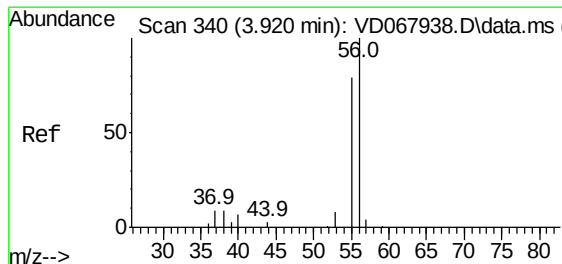
MMDadoda
 1/5/2021 1:36:58 PM



1,1-Dichloroethene
 Concen: 47.96 ug/l
 RT: 4.068 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion:	96	Resp:	140454
Ion Ratio	Lower	Upper	
96	100		
61	165.0	133.6	200.4
98	66.5	54.8	82.2





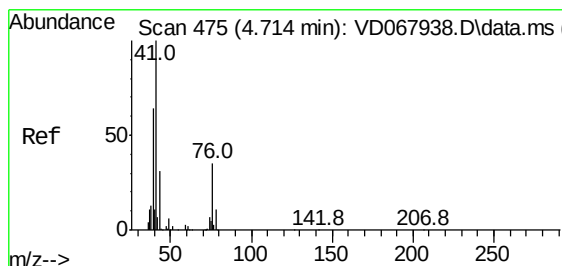
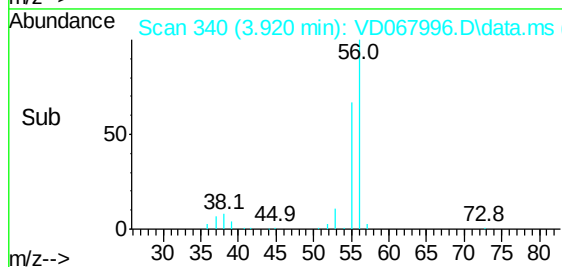
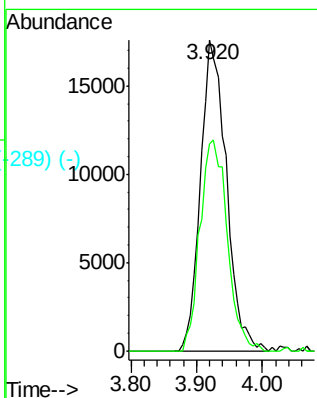
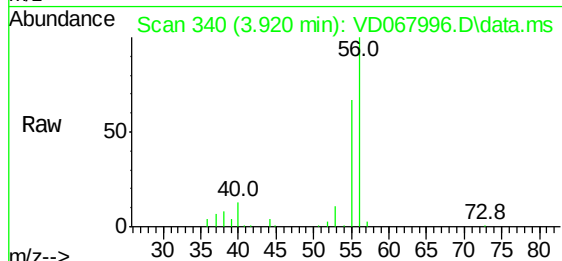
Acrolein
Concen: 225.66 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 56 Resp: 46455
Ion Ratio Lower Upper
56 100
55 71.4 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

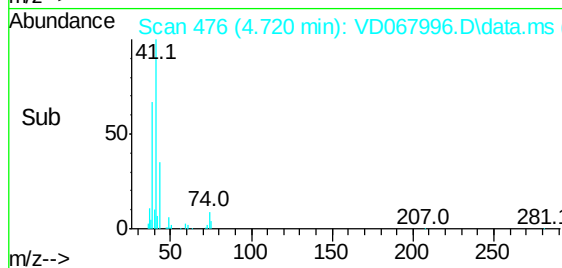
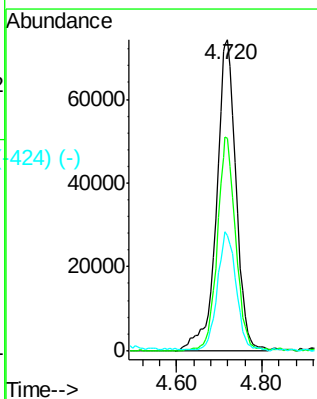
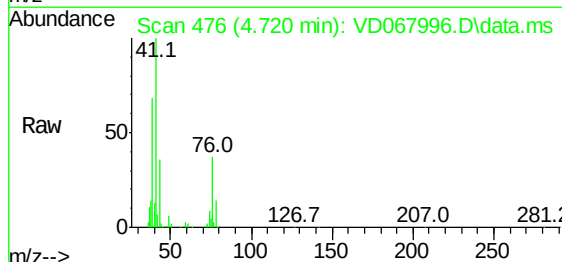
Manual Integrations
APPROVED

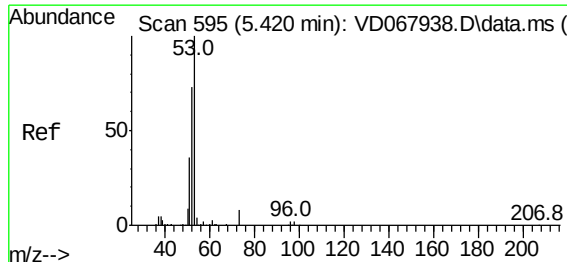
MMDadoda
1/5/2021 1:36:58 PM



Allyl chloride
Concen: 46.49 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 41 Resp: 242090
Ion Ratio Lower Upper
41 100
39 64.7 50.5 75.7
76 36.9 27.0 40.4





Acrylonitrile
Concen: 252.35 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

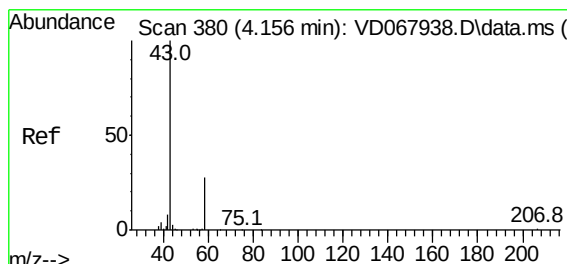
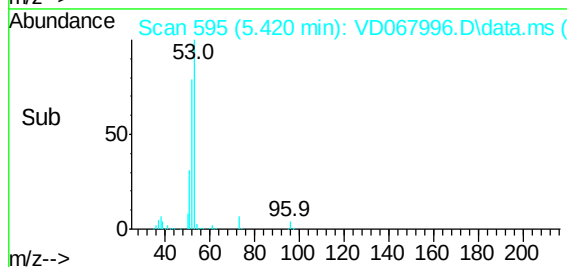
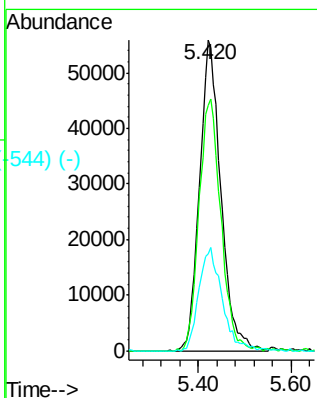
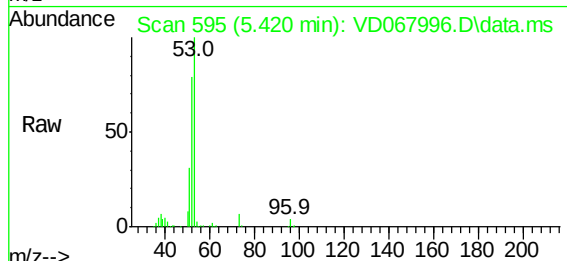
Tgt Ion: 53 Resp: 177436

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.3	97.9
51	35.9	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

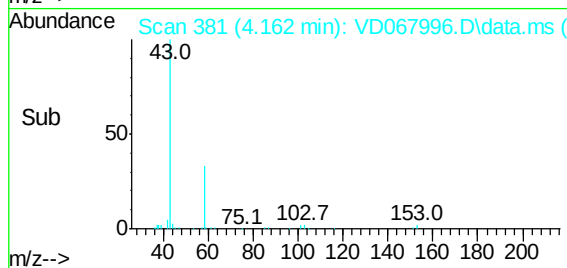
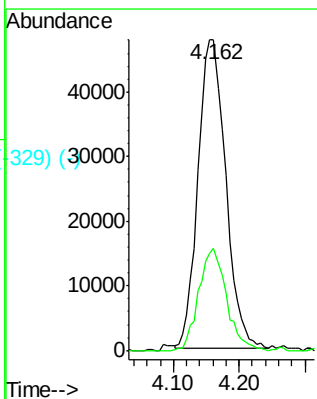
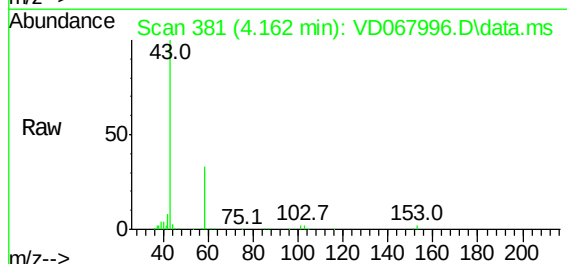
MMDadoda
1/5/2021 1:36:58 PM

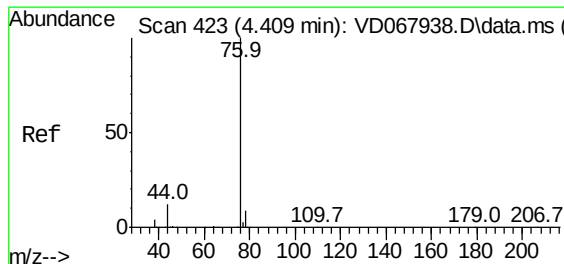


Acetone
Concen: 245.88 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 135794

Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.3	33.5





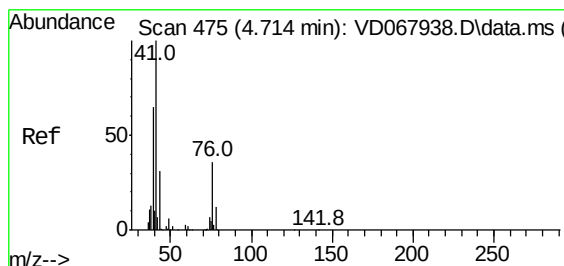
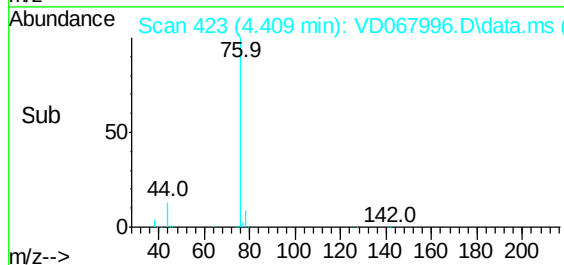
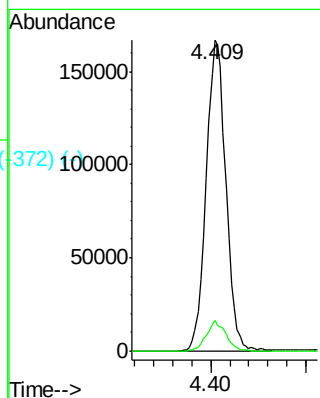
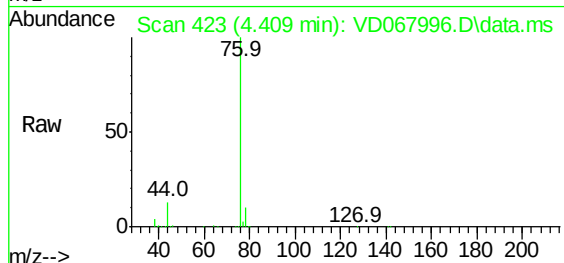
Carbon Disulfide
 Concen: 46.41 ug/l
 RT: 4.409 min Scan# 423
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 76 Resp: 473662
 Ion Ratio Lower Upper
 76 100
 78 9.9 7.1 10.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

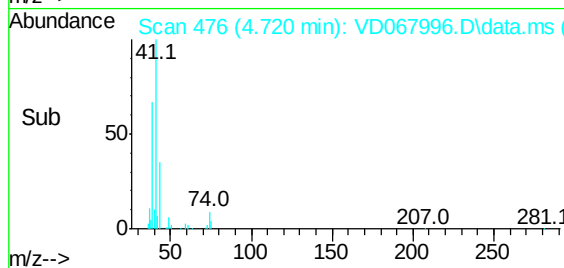
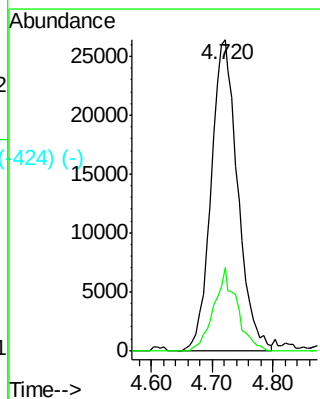
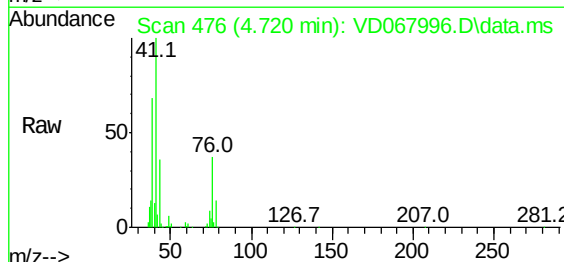
Manual Integrations
 APPROVED

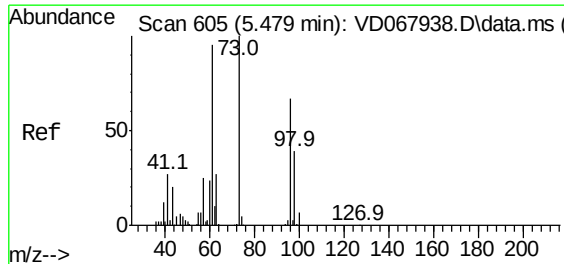
MMDadoda
 1/5/2021 1:36:58 PM



Methyl Acetate
 Concen: 48.99 ug/l
 RT: 4.720 min Scan# 476
 Delta R.T. 0.006 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 79958
 Ion Ratio Lower Upper
 43 100
 74 22.9 18.2 27.2





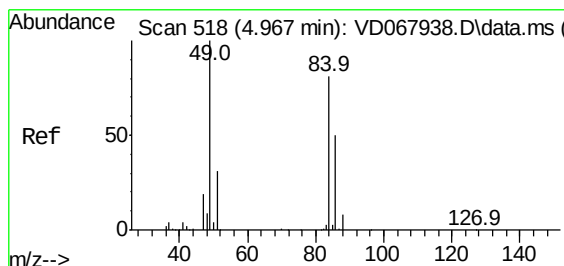
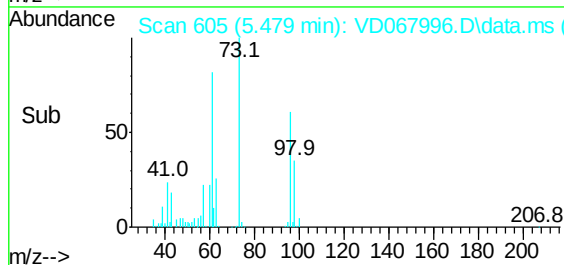
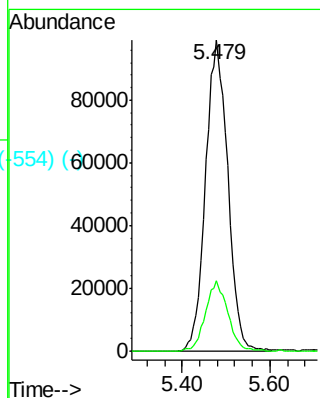
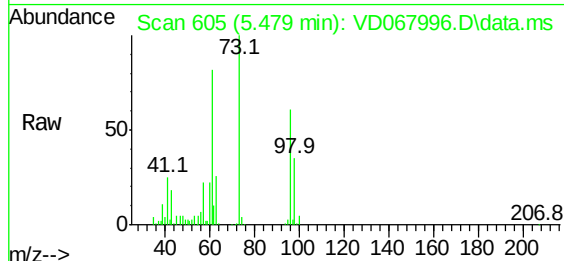
Methyl tert-butyl Ether
Concen: 54.68 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 73 Resp: 332958
Ion Ratio Lower Upper
73 100
57 22.4 19.8 29.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

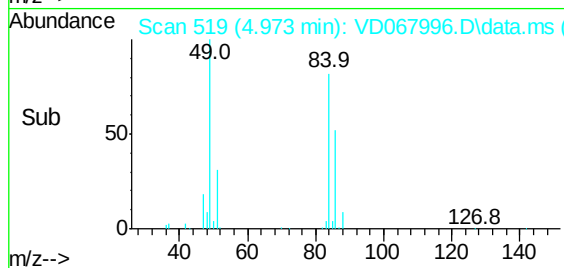
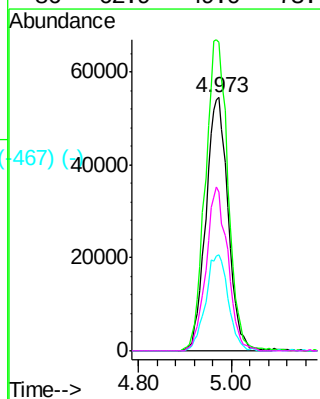
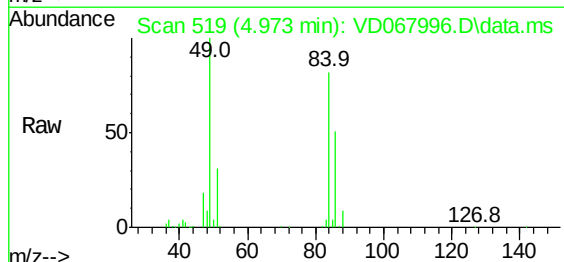
Manual Integrations
APPROVED

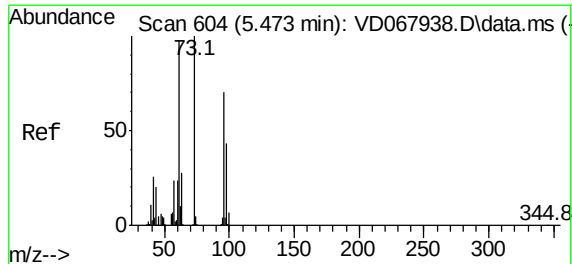
MMDadoda
1/5/2021 1:36:58 PM



Methylene Chloride
Concen: 50.30 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 84 Resp: 179515
Ion Ratio Lower Upper
84 100
49 122.1 98.3 147.5
51 38.1 30.3 45.5
86 62.9 49.0 73.4





trans-1,2-Dichloroethene
Concen: 49.78 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

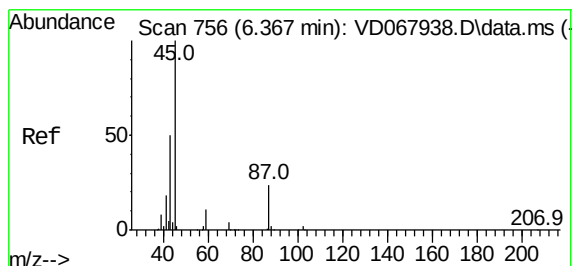
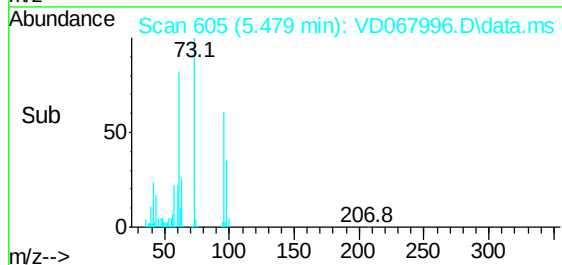
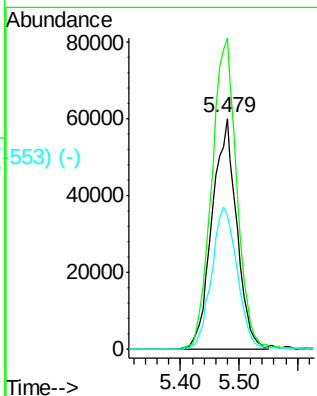
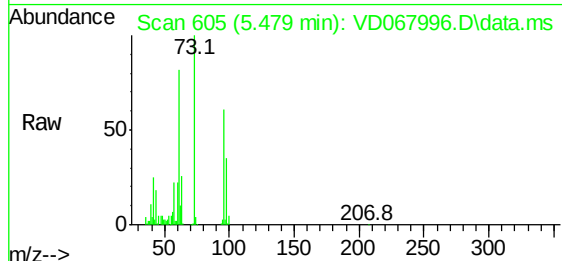
Tgt Ion: 96 Resp: 174222

Ion	Ratio	Lower	Upper
96	100		
61	134.8	109.9	164.9
98	57.5	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

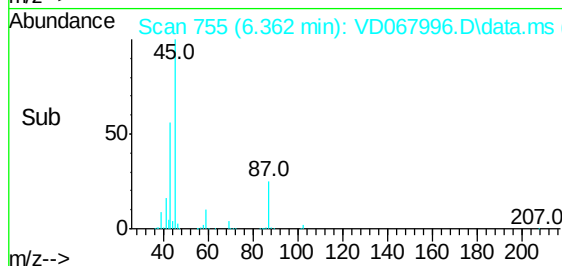
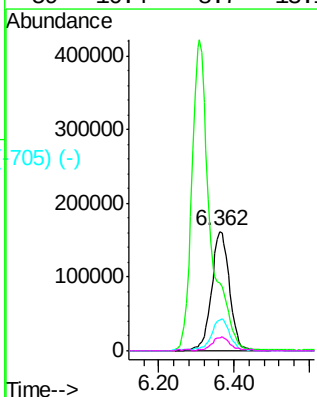
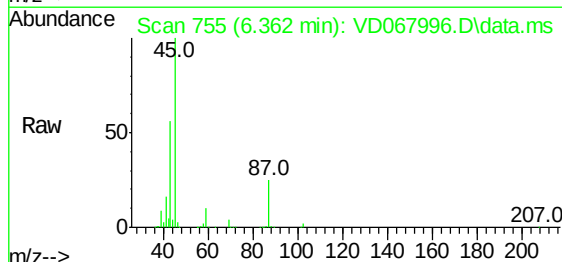
MMDadoda
1/5/2021 1:36:58 PM

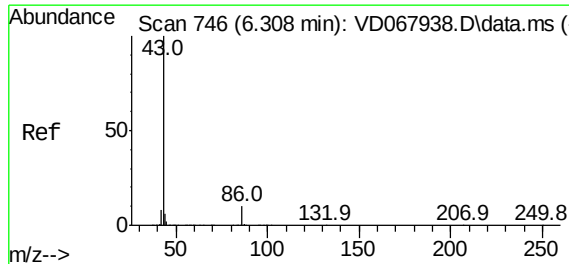


Diisopropyl ether
Concen: 50.50 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 45 Resp: 529634

Ion	Ratio	Lower	Upper
45	100		
43	55.6	40.2	60.4
87	25.2	19.2	28.8
59	10.4	8.7	13.1





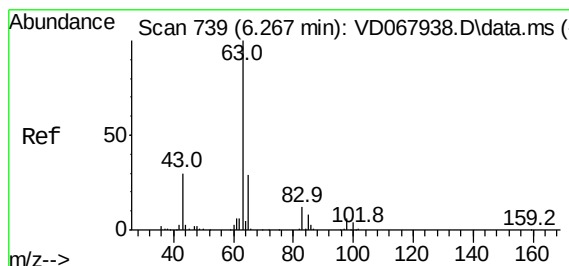
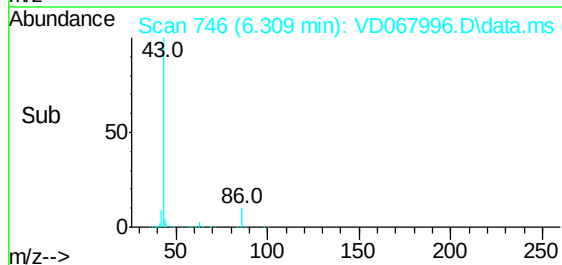
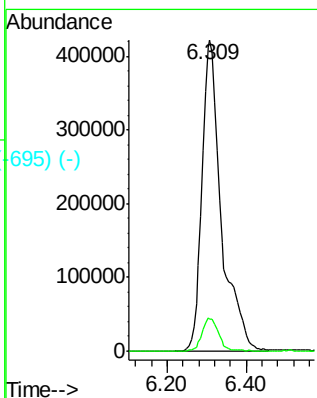
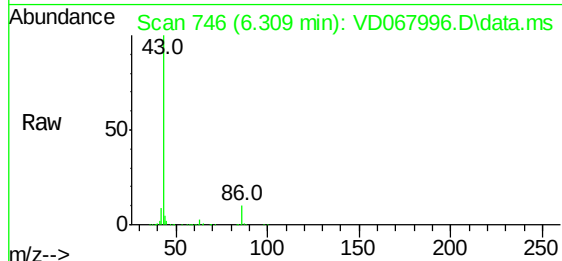
Vinyl Acetate
Concen: 268.07 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 1429164
Ion Ratio Lower Upper
43 100
86 10.1 7.9 11.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

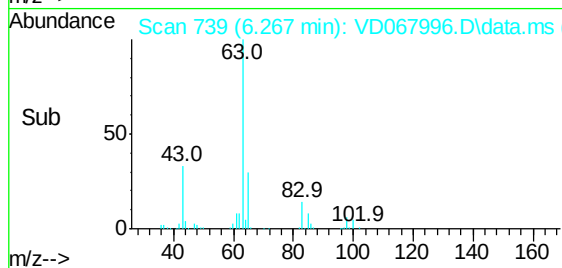
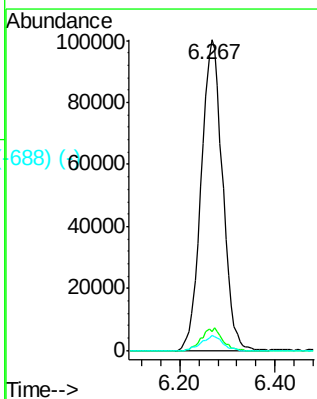
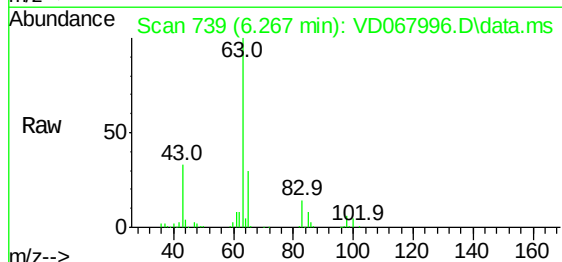
Manual Integrations
APPROVED

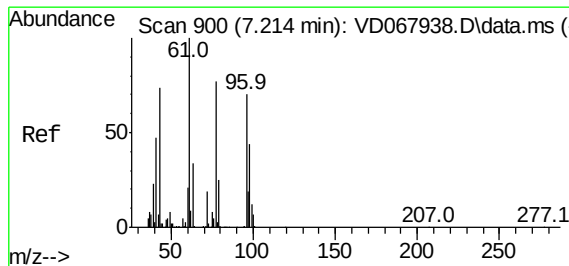
MMDadoda
1/5/2021 1:36:58 PM



1,1-Dichloroethane
Concen: 48.81 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 63 Resp: 309886
Ion Ratio Lower Upper
63 100
98 6.1 2.9 8.6
100 4.7 1.9 5.7





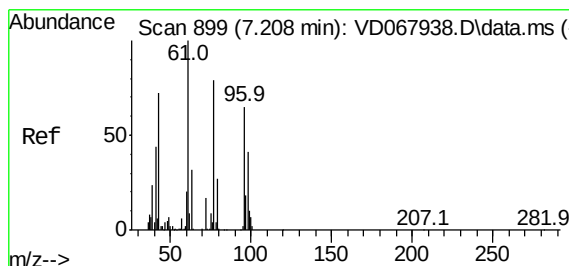
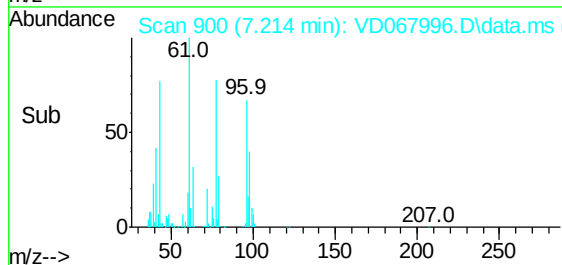
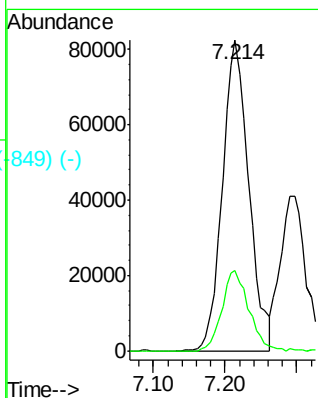
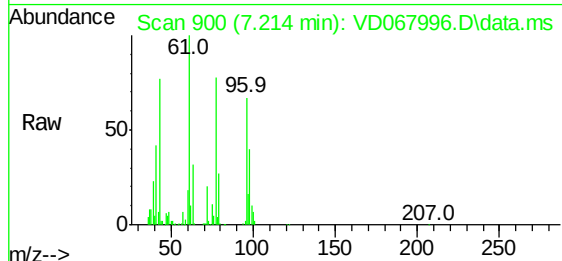
2-Butanone
Concen: 258.45 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 210502
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

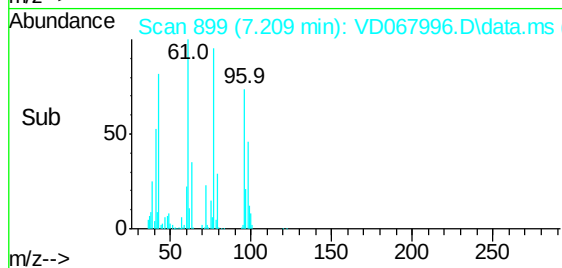
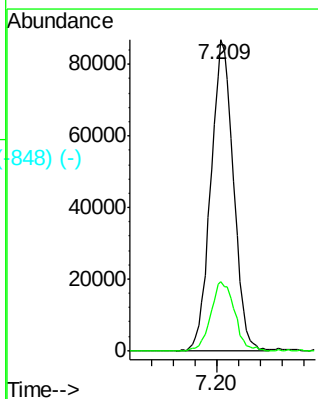
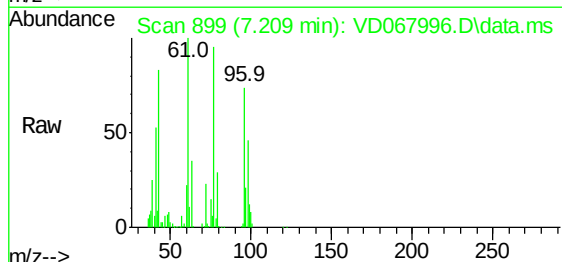
Manual Integrations
APPROVED

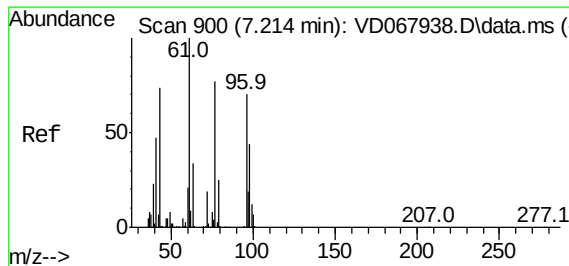
MMDadoda
1/5/2021 1:36:58 PM



2,2-Dichloropropane
Concen: 49.70 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 77 Resp: 248624
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





cis-1,2-Dichloroethene
Concen: 50.22 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

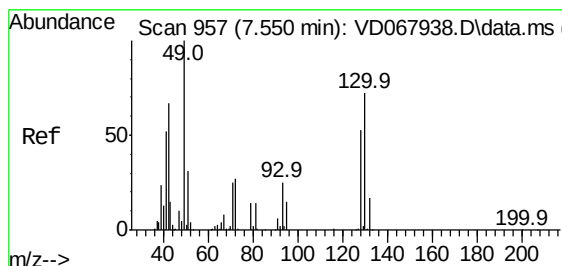
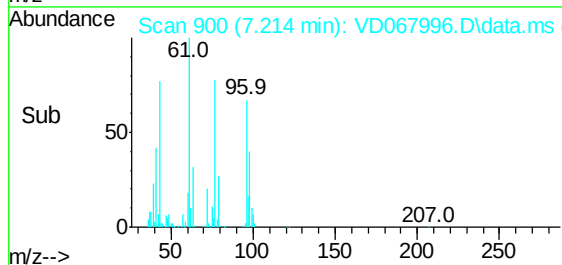
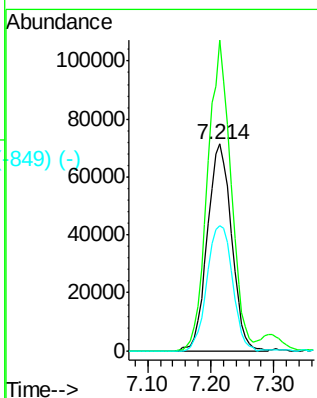
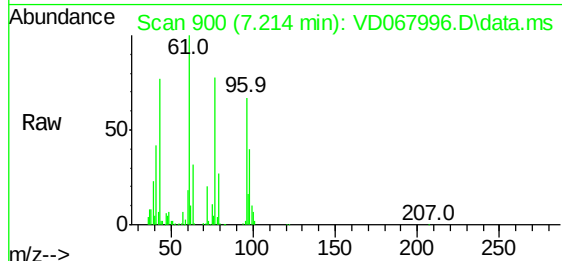
Tgt Ion: 96 Resp: 187786

Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	295.4
98	63.7	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

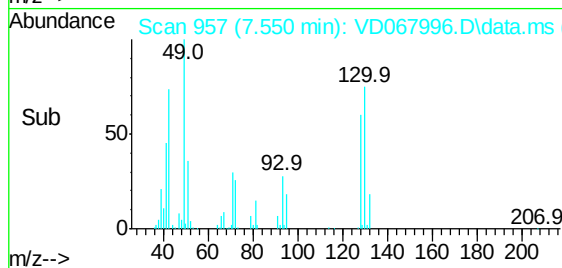
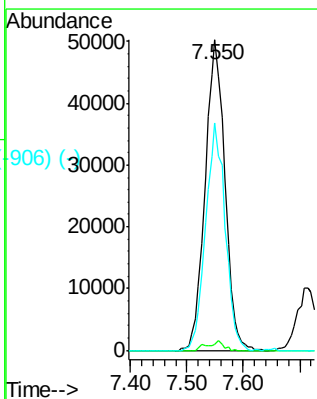
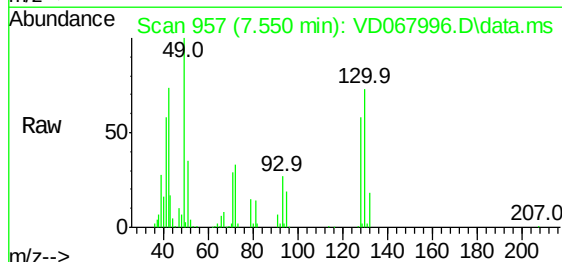
MMDadoda
1/5/2021 1:36:58 PM

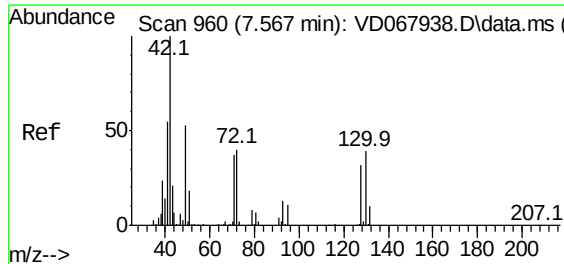


Bromochloromethane
Concen: 50.99 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 49 Resp: 122052

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	72.6	54.8	82.2





Tetrahydrofuran
Concen: 261.50 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

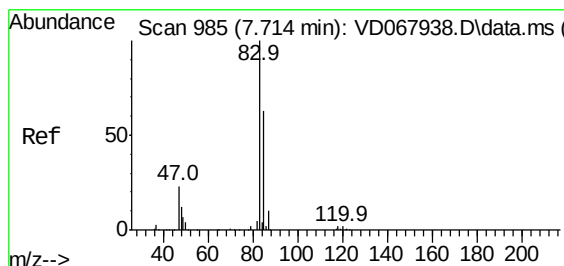
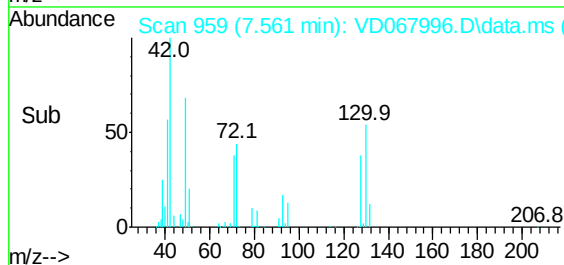
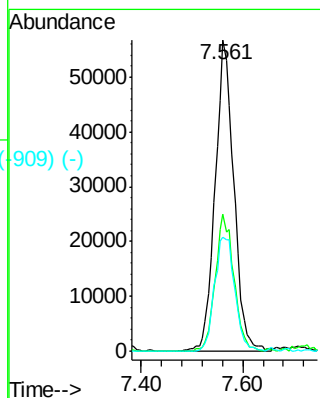
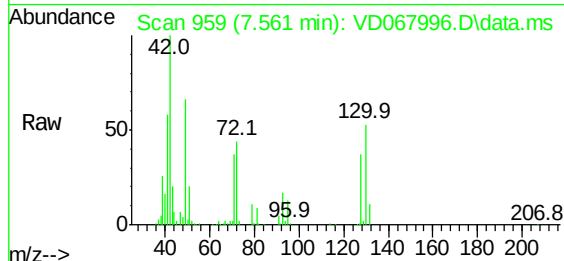
Tgt Ion: 42 Resp: 144068

Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.9	49.3
71	39.8	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

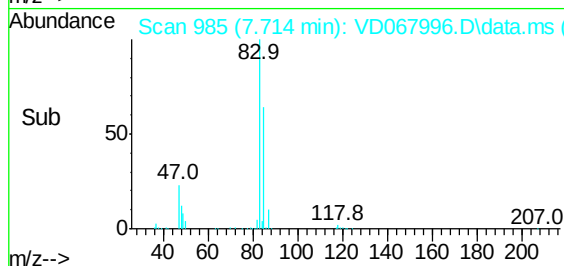
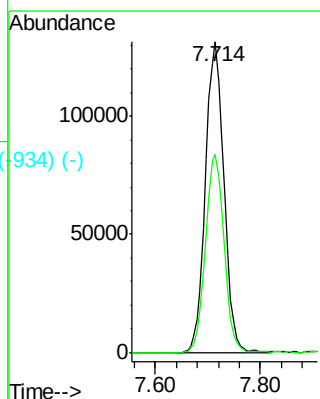
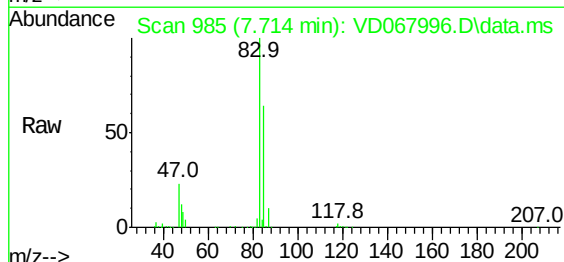
MMDadoda
1/5/2021 1:36:58 PM

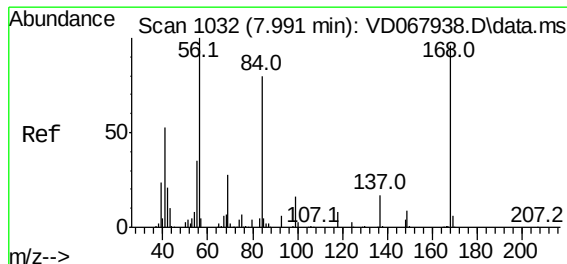


Chloroform
Concen: 51.28 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 83 Resp: 318920

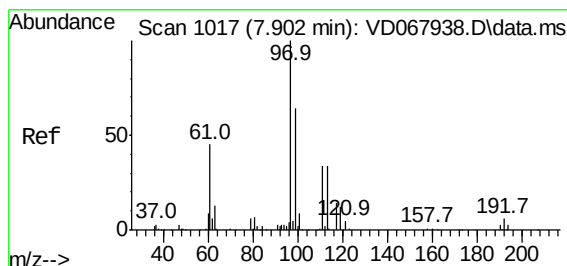
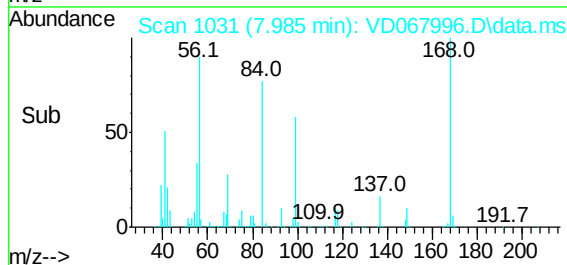
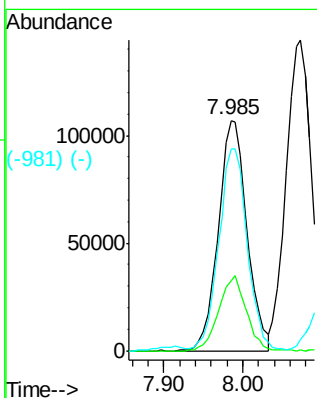
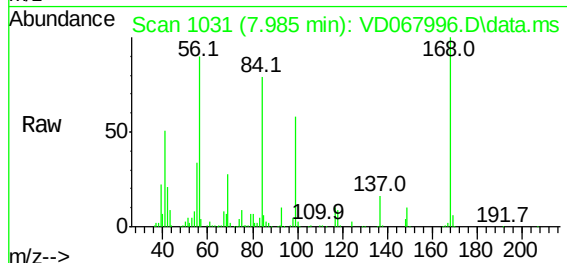
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.5	75.7





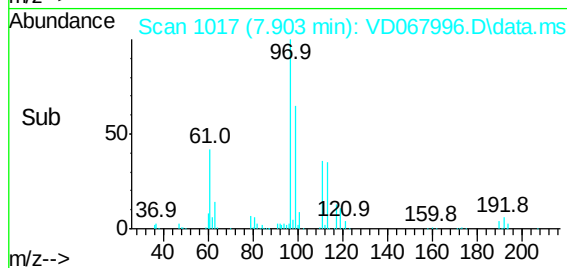
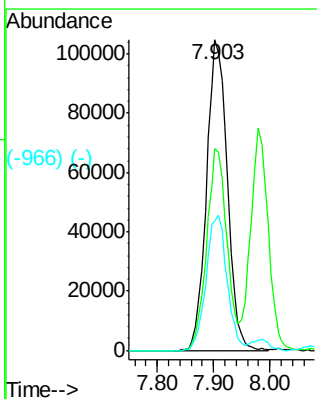
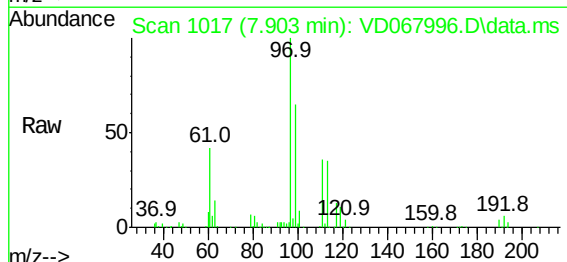
(-981) (-)
Cyclohexane
Concen: 45.47 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 56 Resp: 268892
Ion Ratio Lower Upper
56 100
69 30.3 22.7 34.1
84 85.8 64.2 96.4



(-966) (-)
1,1,1-Trichloroethane
Concen: 50.30 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

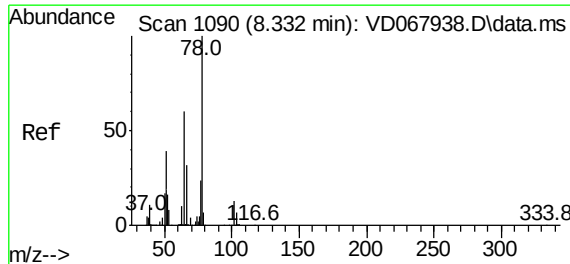
Tgt Ion: 97 Resp: 267961
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 43.7 35.8 53.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM



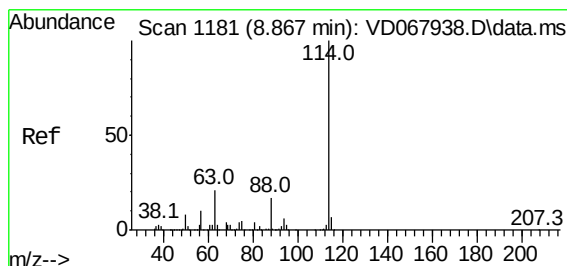
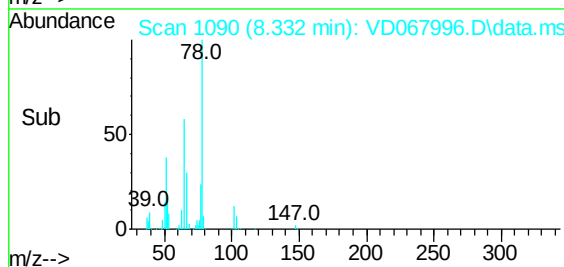
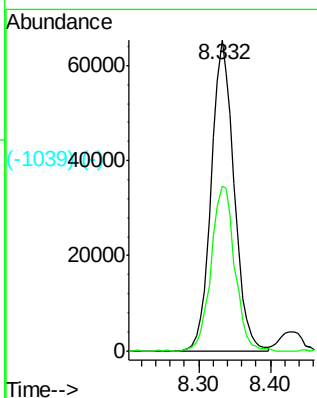
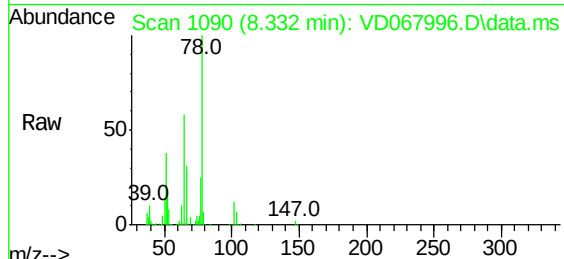
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 49.82 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 65 Resp: 144109
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

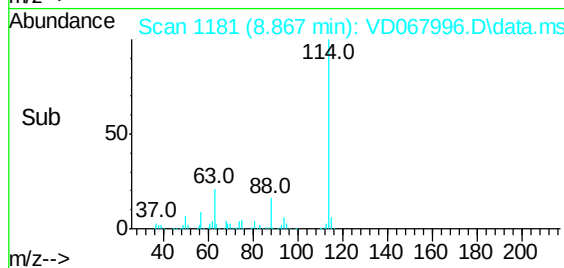
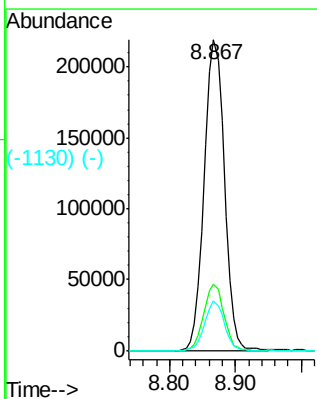
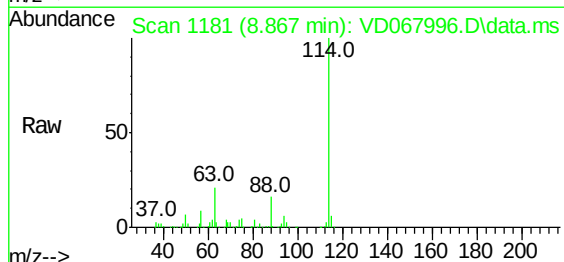
Manual Integrations
 APPROVED

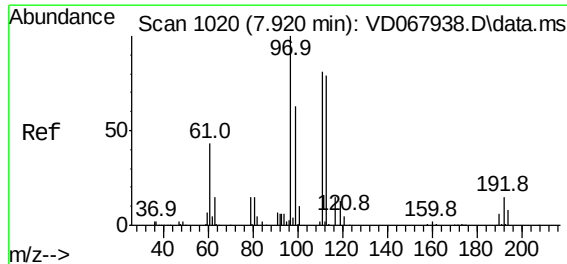
MMDadoda
 1/5/2021 1:36:58 PM



(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion:114 Resp: 448103
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.9 0.0 33.2



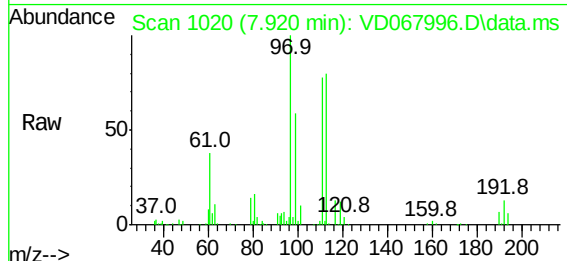


(-969) (-)
 Dibromofluoromethane
 Concen: 51.28 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

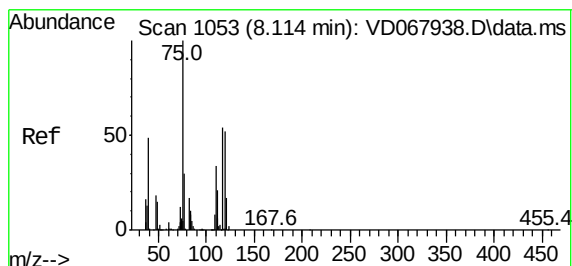
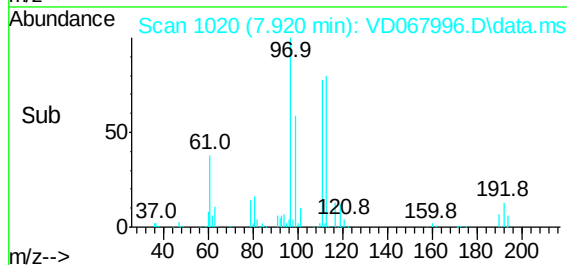
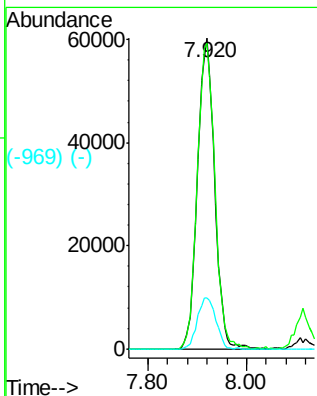
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/5/2021 1:36:58 PM

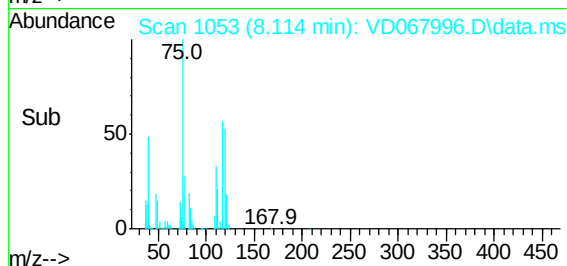
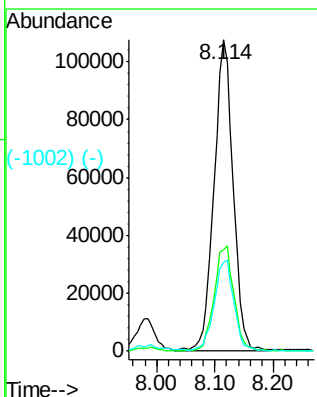
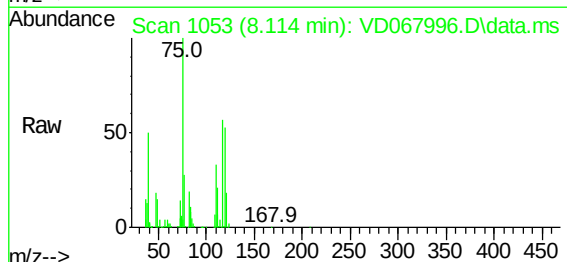


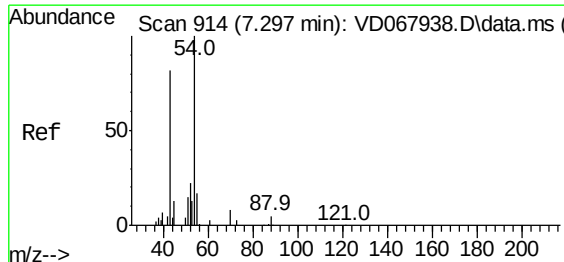
Tgt Ion:113 Resp: 144796
 Ion Ratio Lower Upper
 113 100
 111 101.2 79.3 118.9
 192 17.5 14.5 21.7



(-1002) (-)
 1,1-Dichloropropene
 Concen: 51.01 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

Tgt Ion: 75 Resp: 242958
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.0 51.0
 77 29.8 24.6 37.0





Ethyl Acetate
Concen: 53.97 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

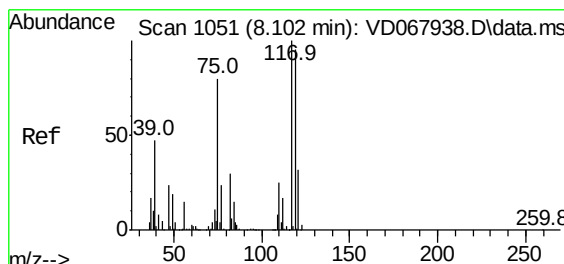
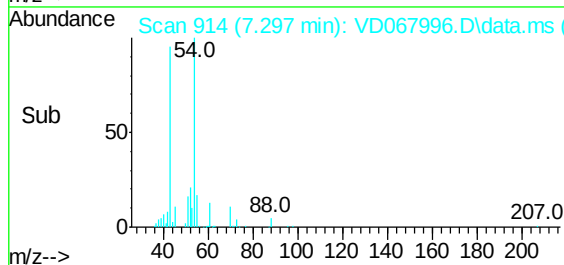
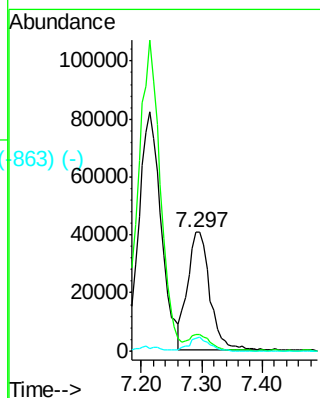
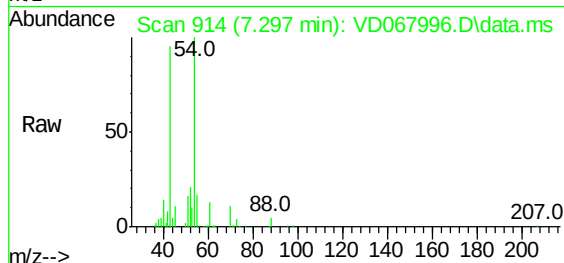
Tgt Ion: 43 Resp: 104005

Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.2	15.4
70	10.0	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

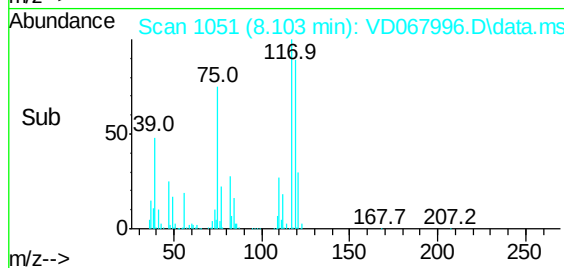
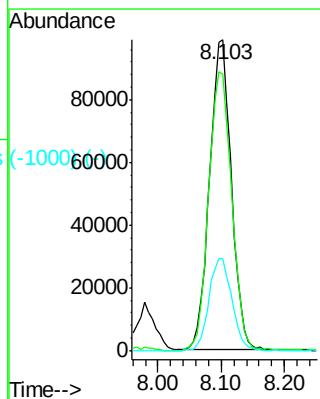
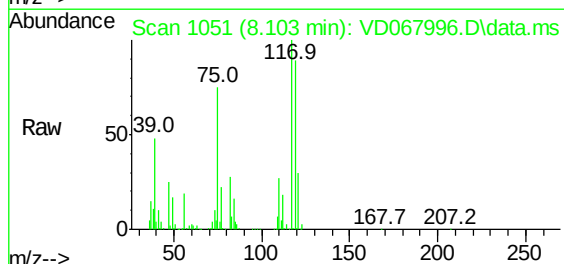
MMDadoda
1/5/2021 1:36:58 PM

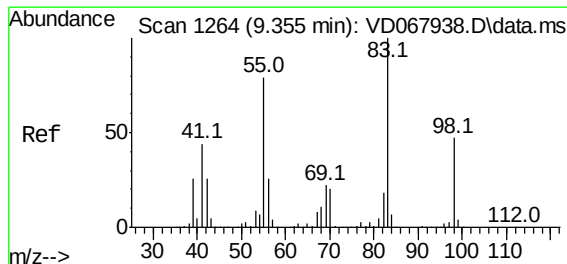


Carbon Tetrachloride
Concen: 51.54 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 117 Resp: 234444

Ion	Ratio	Lower	Upper
117	100		
119	89.3	76.2	114.4
121	29.8	25.9	38.9





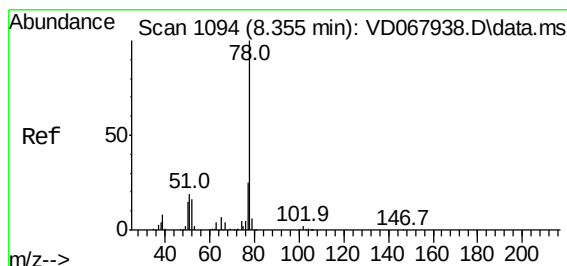
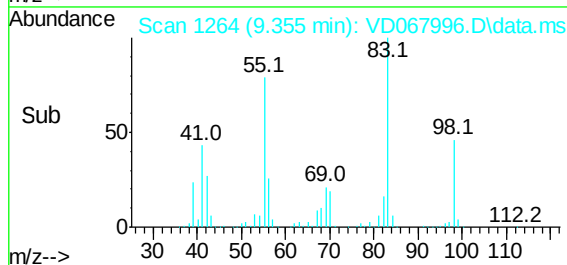
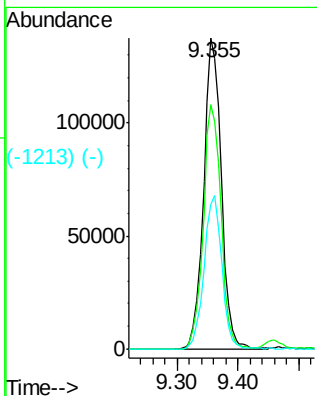
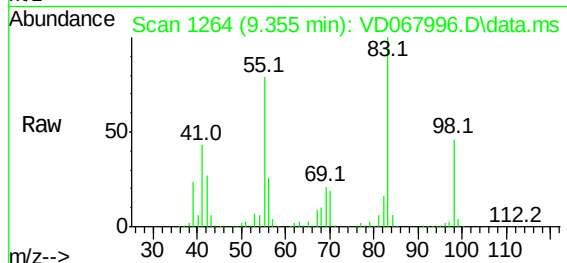
Methylcyclohexane
Concen: 50.20 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 274115
Ion Ratio Lower Upper
83 100
55 78.6 63.5 95.3
98 46.4 37.3 55.9

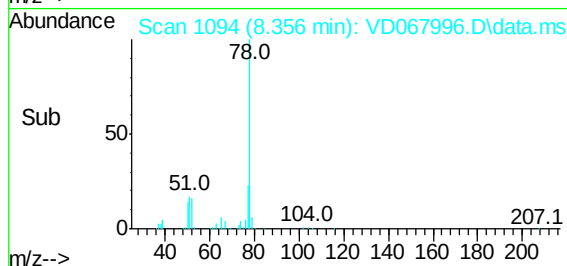
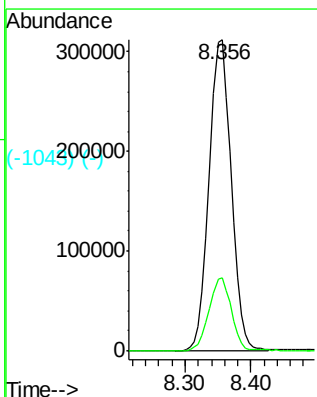
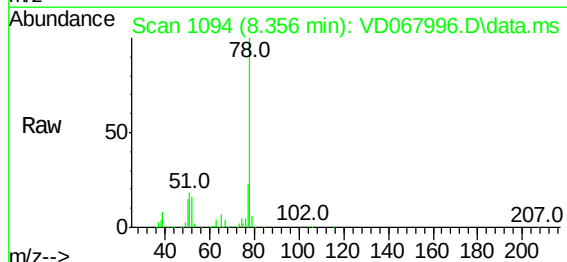
Manual Integrations
APPROVED

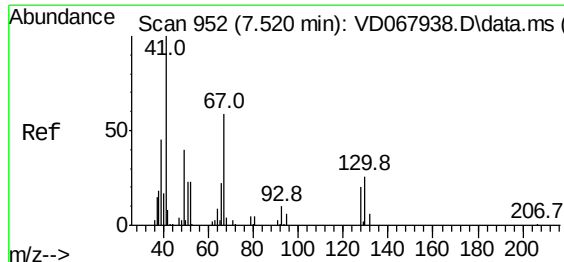
MMDadoda
1/5/2021 1:36:58 PM



Benzene
Concen: 50.90 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 78 Resp: 703224
Ion Ratio Lower Upper
78 100
77 23.5 20.1 30.1





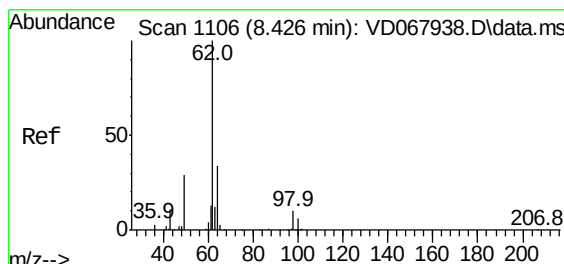
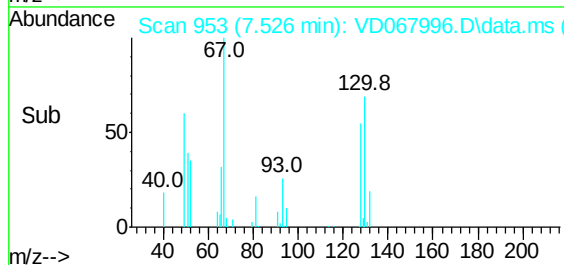
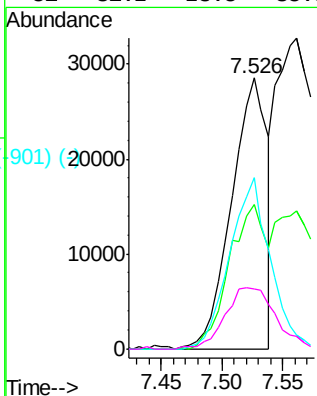
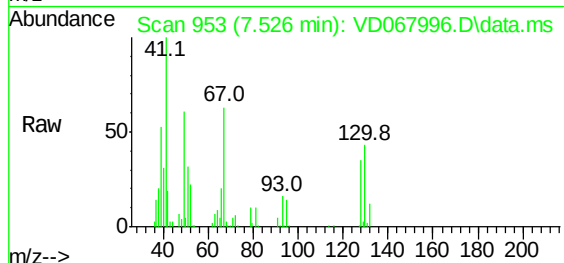
Methacrylonitrile
Concen: 53.15 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:	41	Resp:	57661
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.2	69.2
67	72.7	55.1	82.7
52	32.1	23.5	35.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

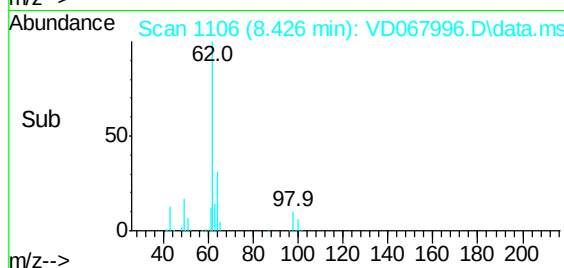
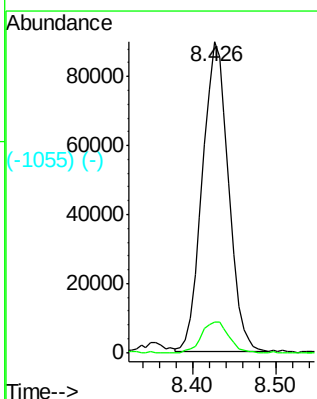
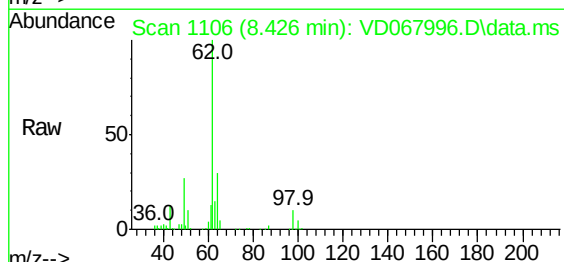
Manual Integrations
APPROVED

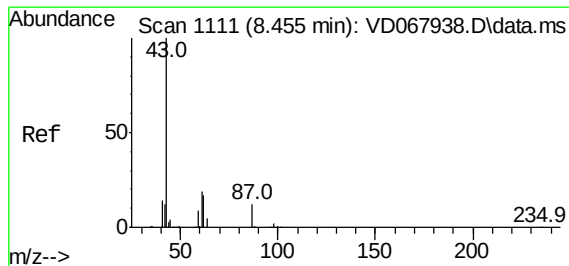
MMDadoda
1/5/2021 1:36:58 PM



1,2-Dichloroethane
Concen: 52.92 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:	62	Resp:	197180
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



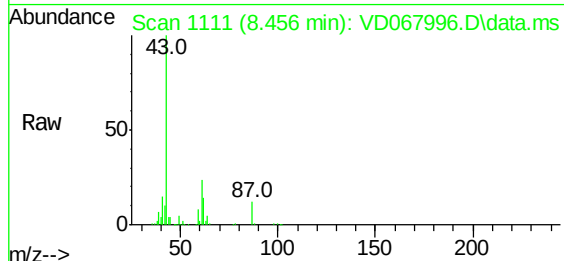


(-1097) (-)
Isopropyl Acetate
Concen: 53.23 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

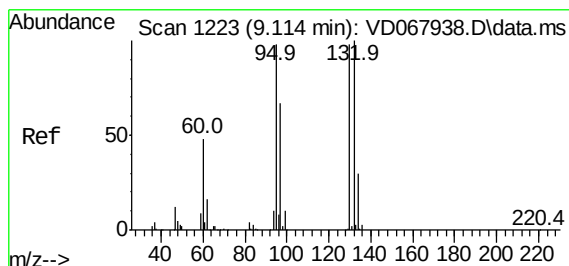
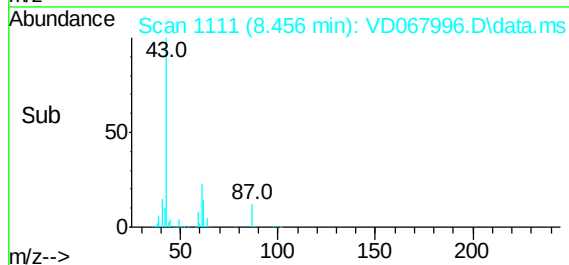
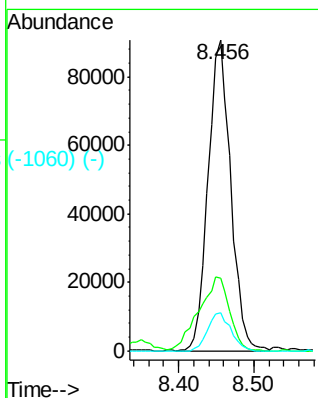
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

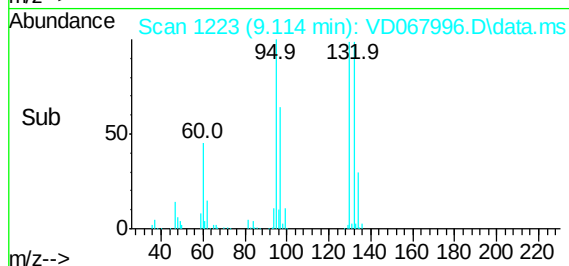
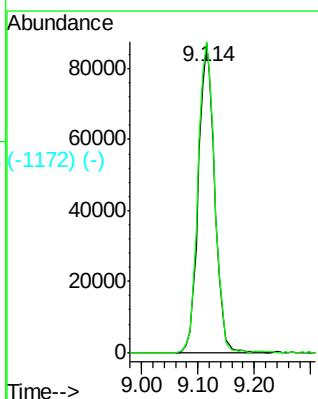
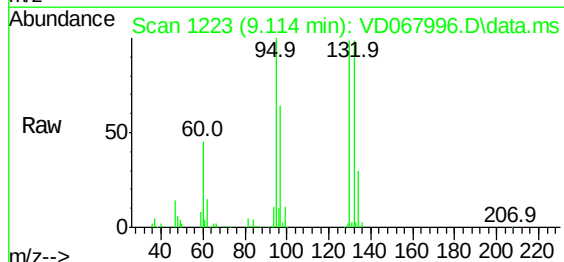


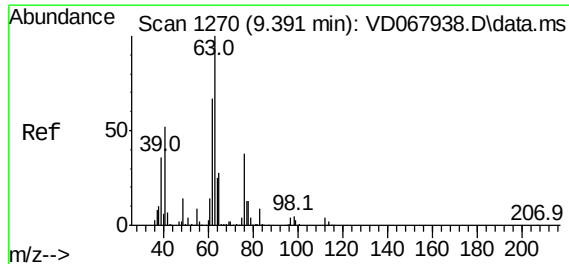
Tgt Ion: 43 Resp: 188289
Ion Ratio Lower Upper
43 100
61 32.1 24.5 36.7
87 12.4 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 49.99 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

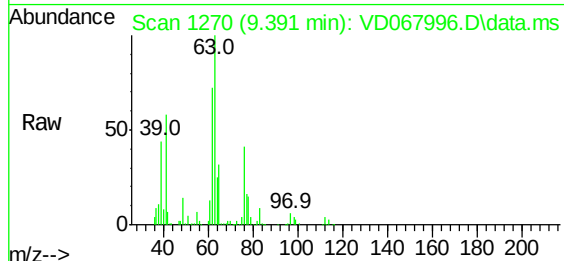
Tgt Ion:130 Resp: 173147
Ion Ratio Lower Upper
130 100
95 100.6 0.0 200.8





(#157) (-)
1,2-Dichloropropane
Concen: 50.57 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

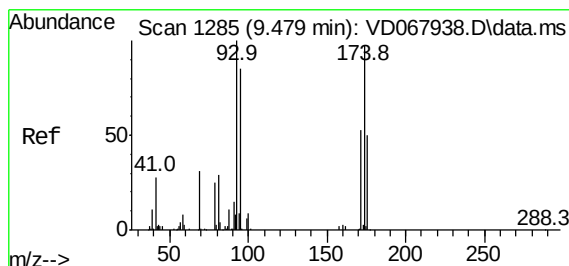
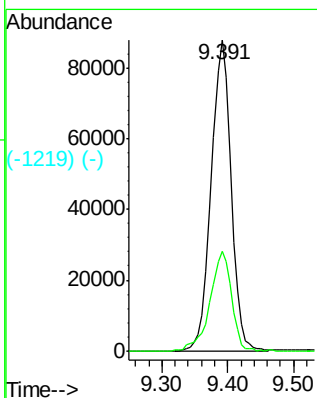
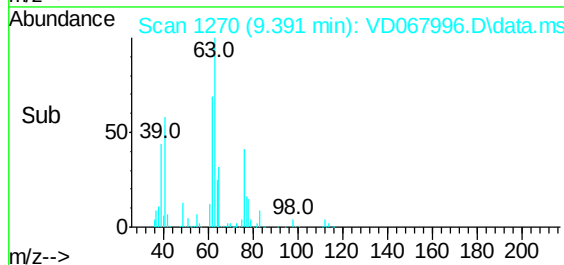
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 177888
Ion Ratio Lower Upper
63 100
65 31.7 22.7 34.1

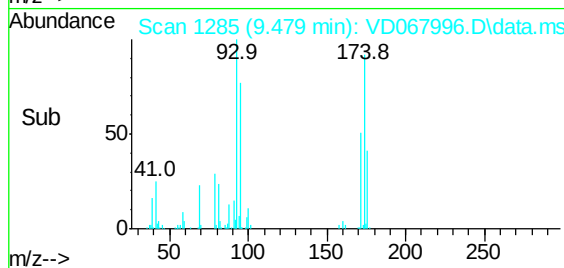
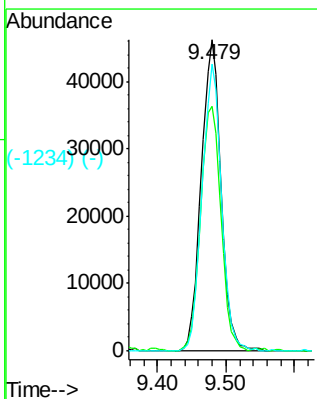
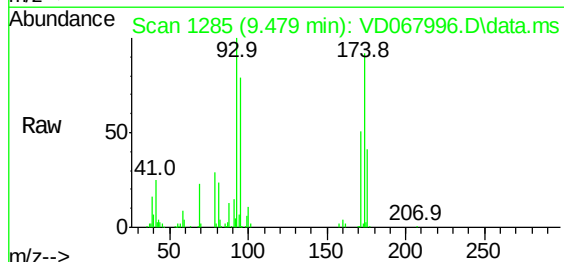
Manual Integrations
APPROVED

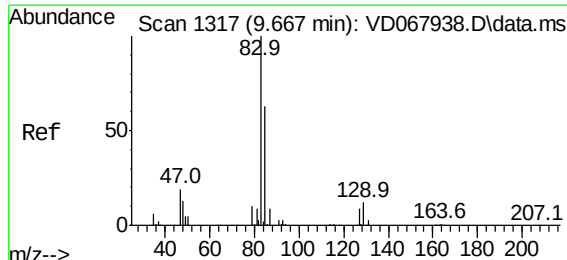
MMDadoda
1/5/2021 1:36:58 PM



(#156) (-)
Dibromomethane
Concen: 53.78 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

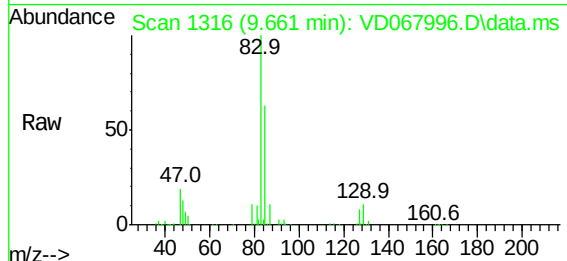
Tgt Ion: 93 Resp: 91947
Ion Ratio Lower Upper
93 100
95 81.2 68.0 102.0
174 91.0 74.7 112.1





(-478) (-)
Bromodichloromethane
Concen: 52.06 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

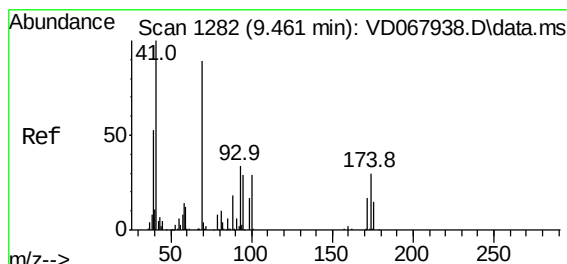
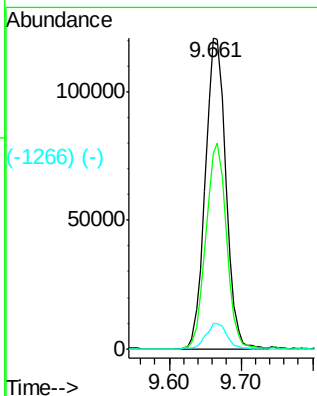
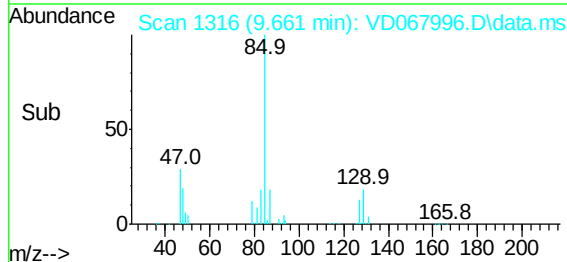
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 240151
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.0 7.2 10.8

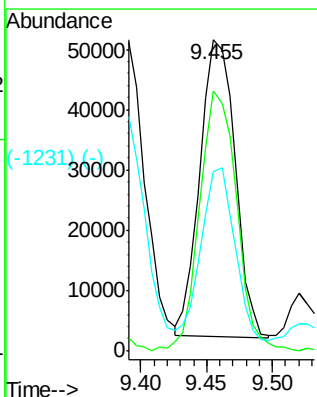
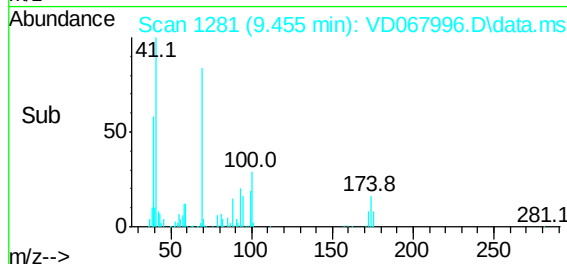
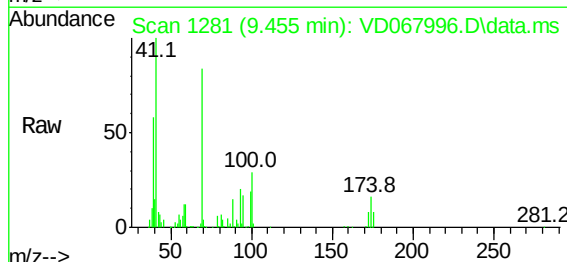
Manual Integrations
APPROVED

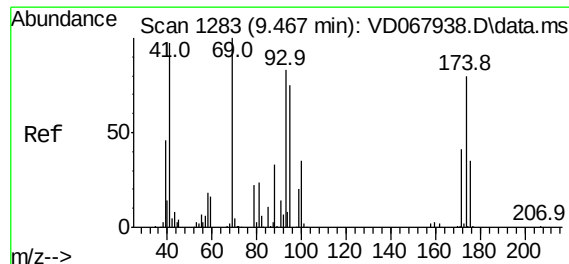
MMDadoda
1/5/2021 1:36:58 PM



(-126) (-)
Methyl methacrylate
Concen: 49.12 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 41 Resp: 89797
Ion Ratio Lower Upper
41 100
69 91.8 63.9 95.9
39 55.6 37.4 56.0





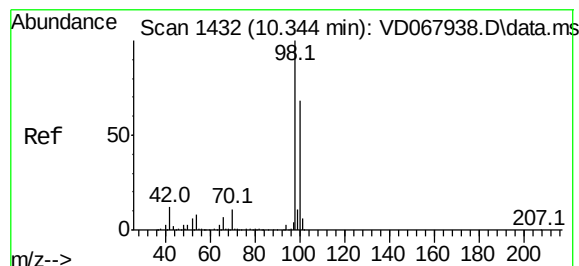
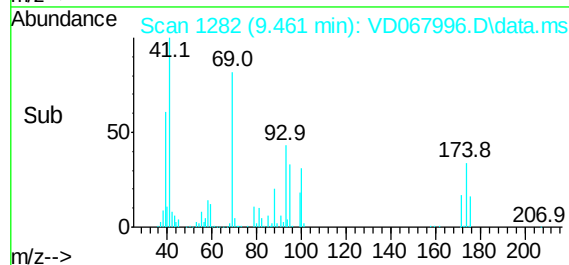
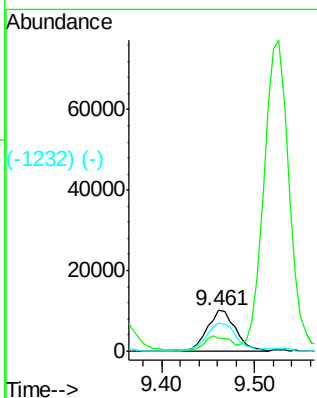
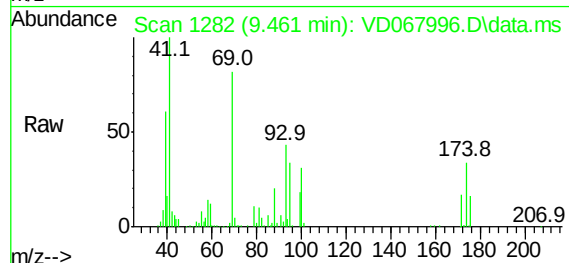
(#1294) (-)
1,4-Dioxane
Concen: 1121.02 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20927
Ion Ratio Lower Upper
88 100
43 32.5 27.3 40.9
58 72.1 54.8 82.2

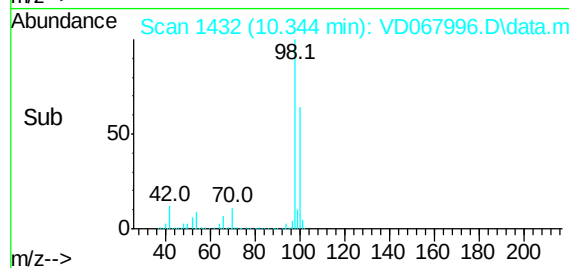
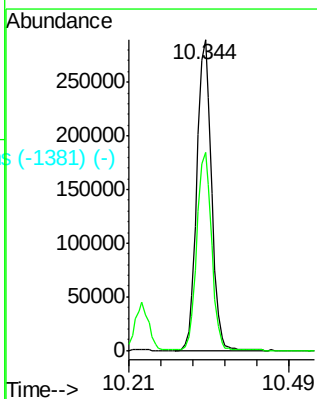
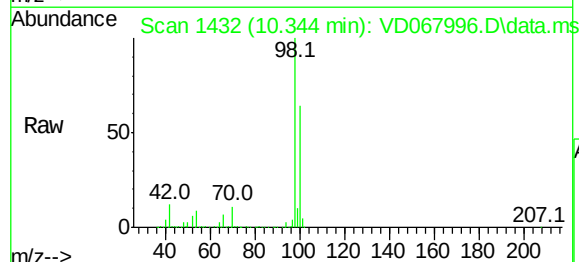
Manual Integrations
APPROVED

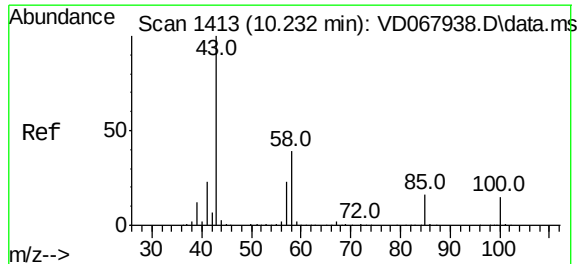
MMDadoda
1/5/2021 1:36:58 PM



(#5022) (-)
Toluene-d8
Concen: 48.97 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 98 Resp: 519674
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7





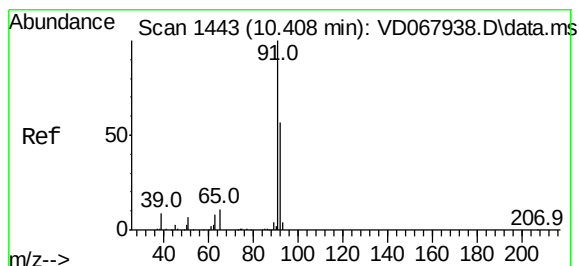
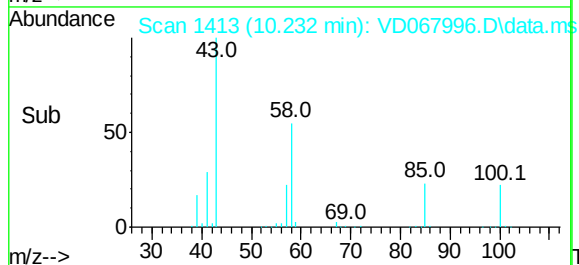
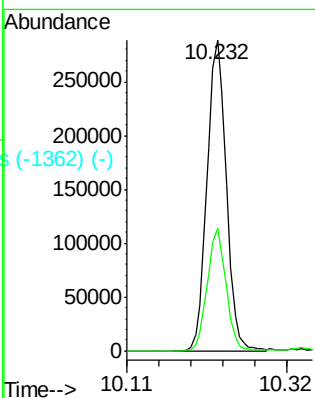
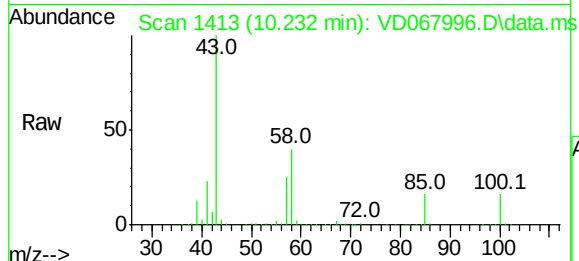
#5102 (-)
4-Methyl-2-Pentanone
Concen: 278.45 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 510043
Ion Ratio Lower Upper
43 100
58 38.5 30.0 45.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

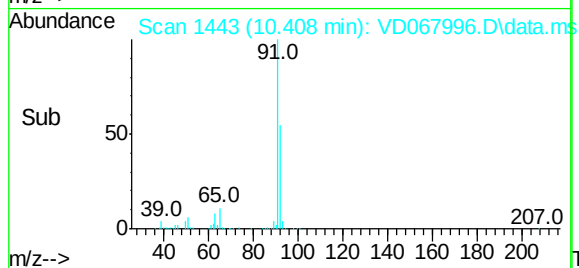
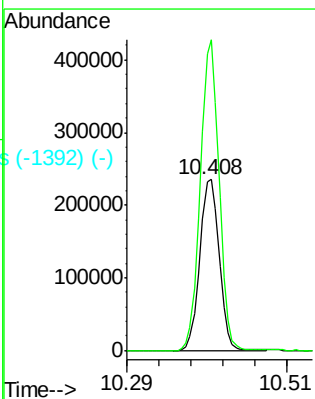
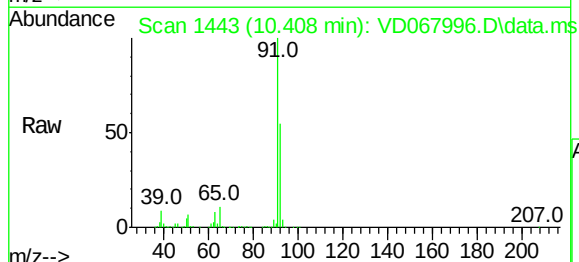
Manual Integrations
APPROVED

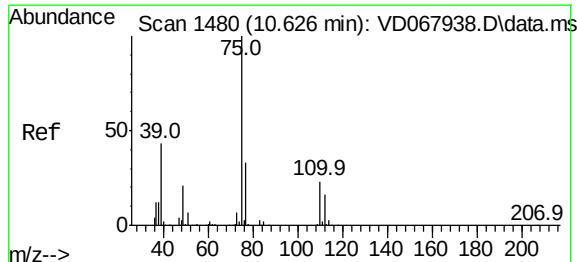
MMDadoda
1/5/2021 1:36:58 PM



#5133 (-)
Toluene
Concen: 51.44 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

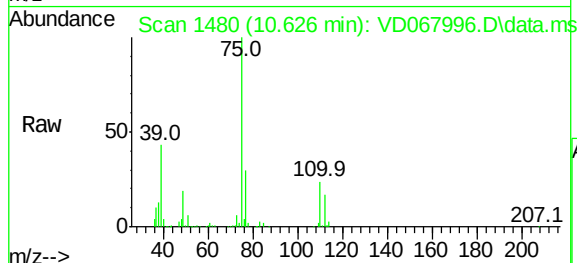
Tgt Ion: 92 Resp: 438761
Ion Ratio Lower Upper
92 100
91 175.0 138.5 207.7





#5470 (-)
t-1,3-Dichloropropene
Concen: 54.19 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

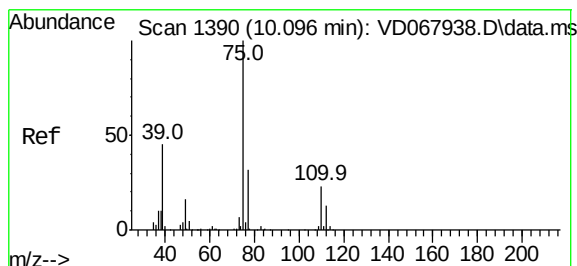
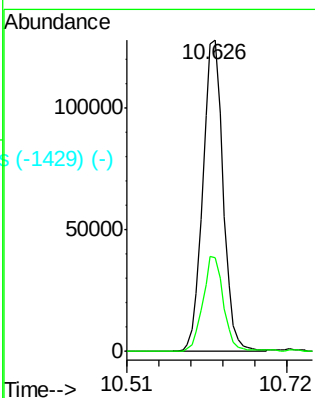
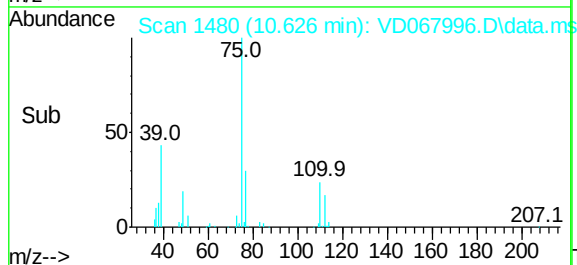
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 226068
Ion Ratio Lower Upper
75 100
77 30.1 26.8 40.2

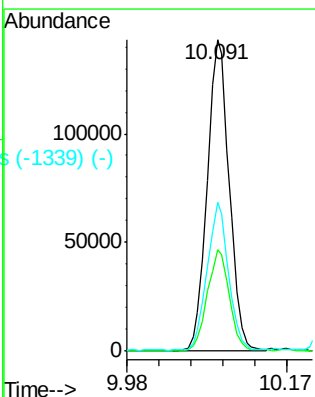
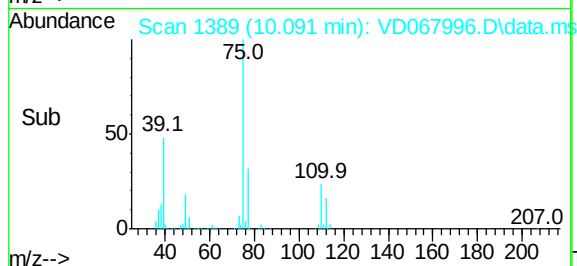
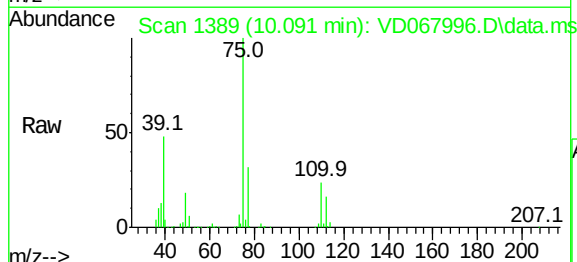
Manual Integrations
APPROVED

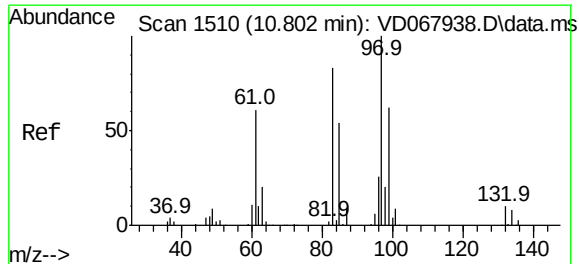
MMDadoda
1/5/2021 1:36:58 PM



#5479 (-)
cis-1,3-Dichloropropene
Concen: 51.16 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 75 Resp: 264070
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 47.6 35.7 53.5





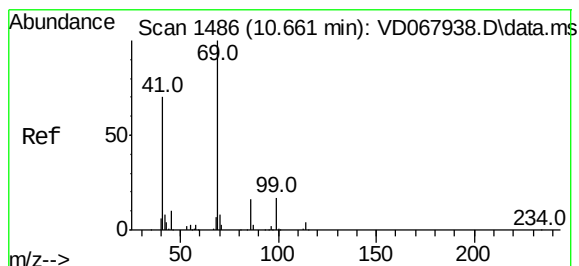
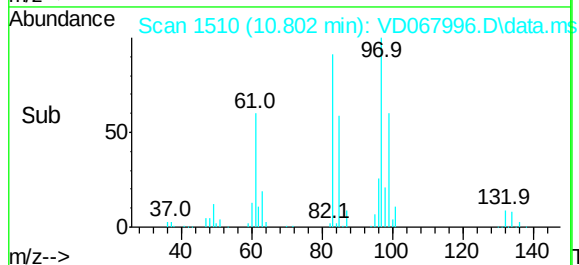
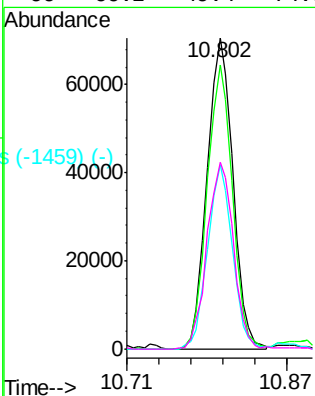
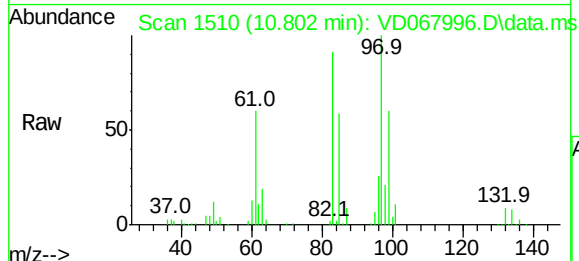
1,1,2-Trichloroethane
Concen: 52.86 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	66.4	99.6
85	59.1	43.4	65.0
99	60.1	49.4	74.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

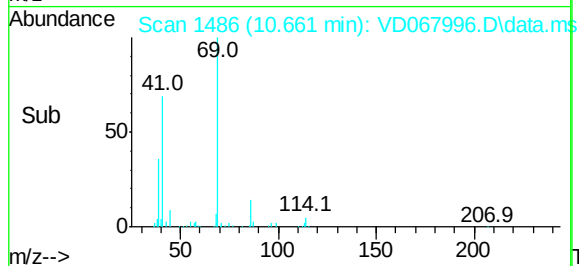
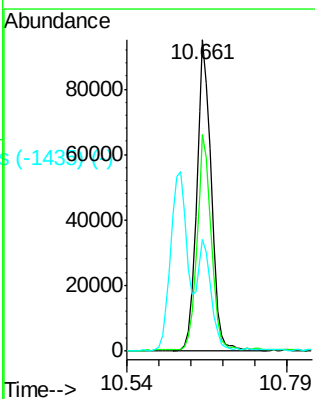
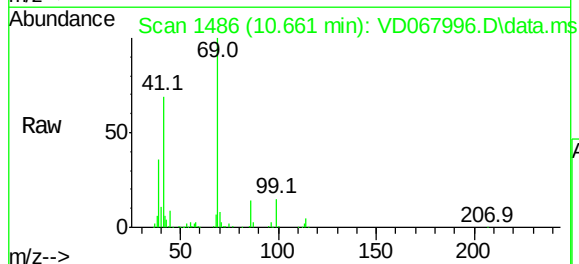
Manual Integrations
APPROVED

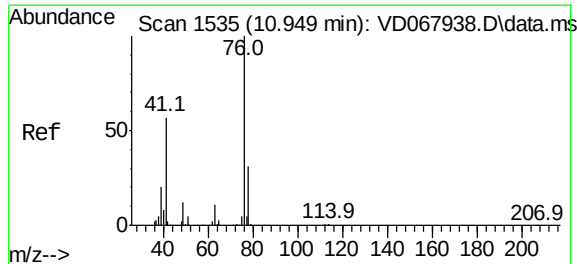
MMDadoda
1/5/2021 1:36:58 PM



Ethyl methacrylate
Concen: 57.34 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	56.4	84.6
39	34.1	24.6	36.8



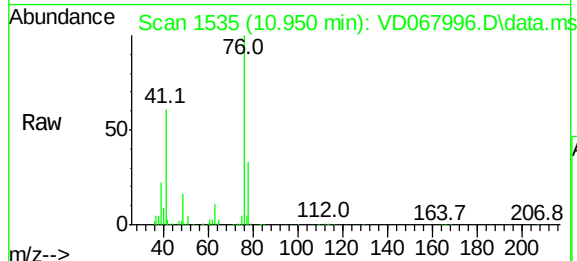


1,3-Dichloropropane
Concen: 52.91 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

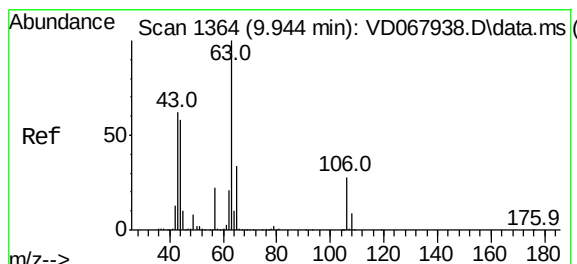
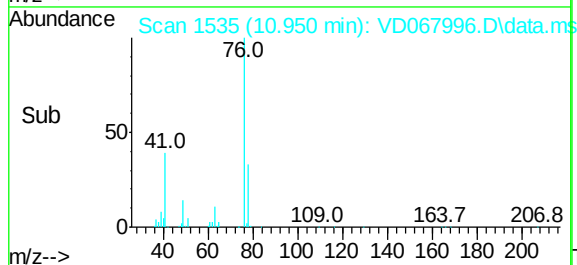
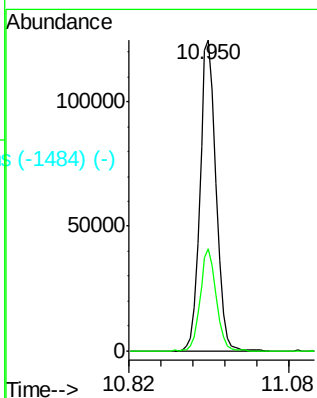
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

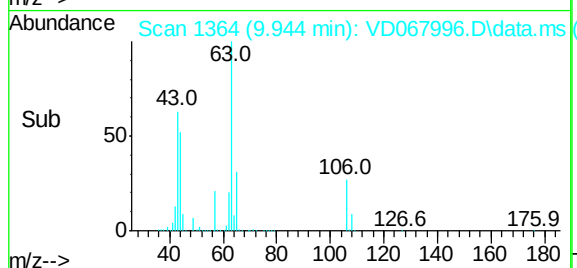
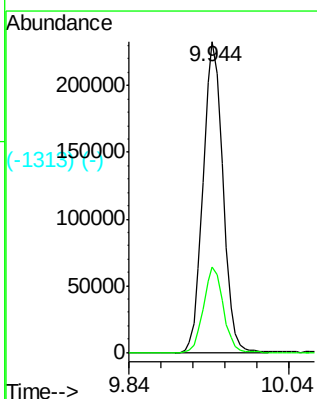
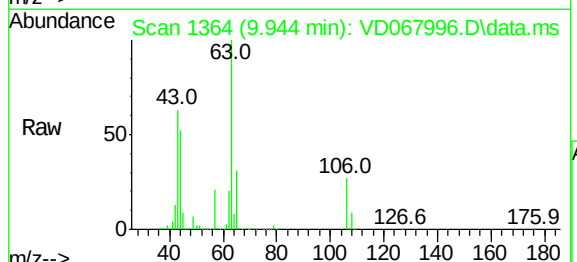


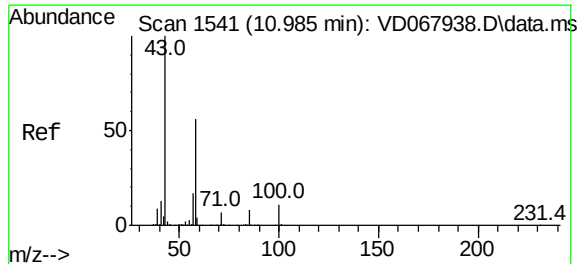
Tgt Ion: 76 Resp: 222306
Ion Ratio Lower Upper
76 100
78 32.6 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 299.52 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

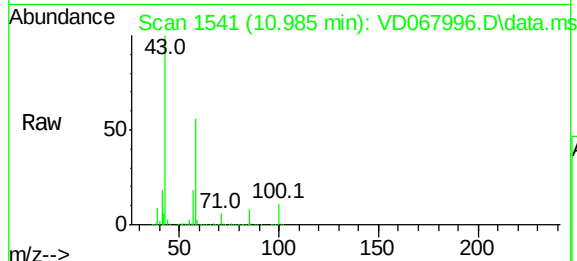
Tgt Ion: 63 Resp: 404654
Ion Ratio Lower Upper
63 100
106 27.1 21.6 32.4





#5931 (-)
2-Hexanone
Concen: 285.27 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

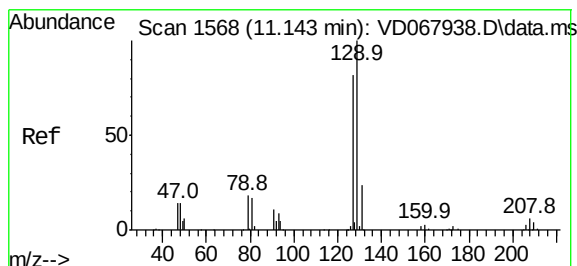
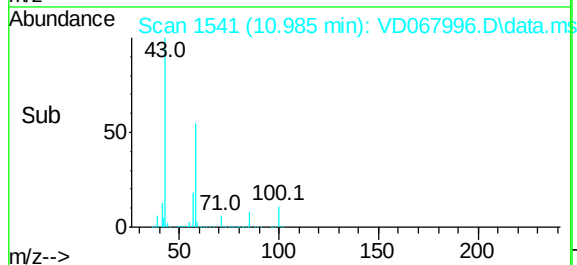
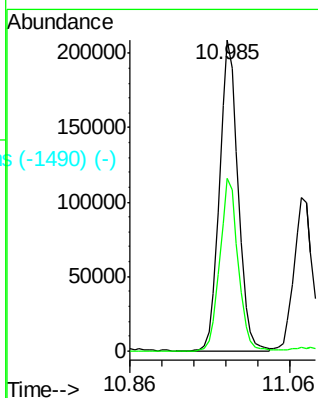
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 343387
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4

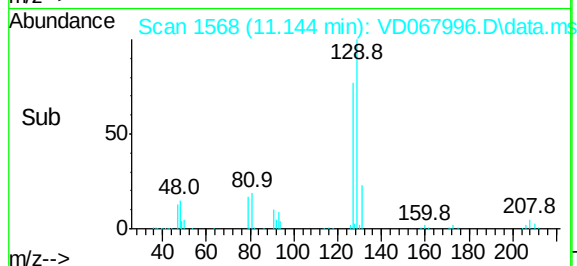
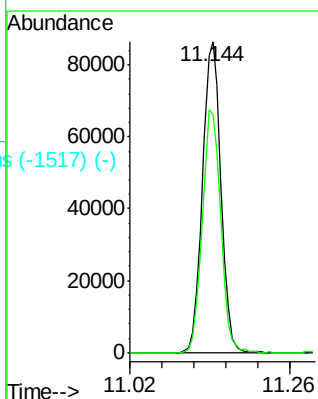
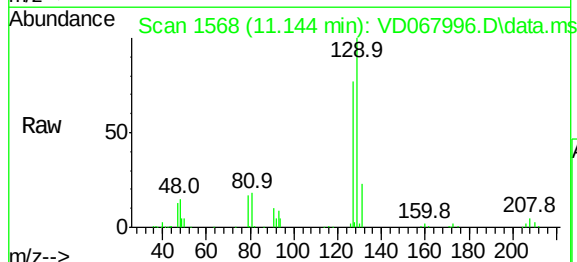
Manual Integrations
APPROVED

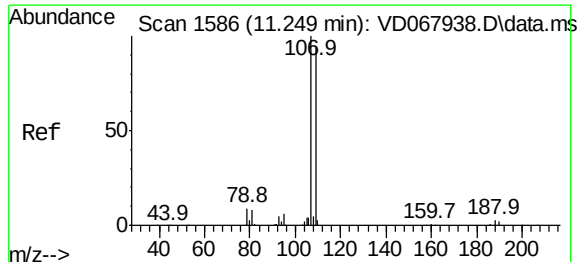
MMDadoda
1/5/2021 1:36:58 PM



#6059 (-)
Dibromochloromethane
Concen: 53.94 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 129 Resp: 159641
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4



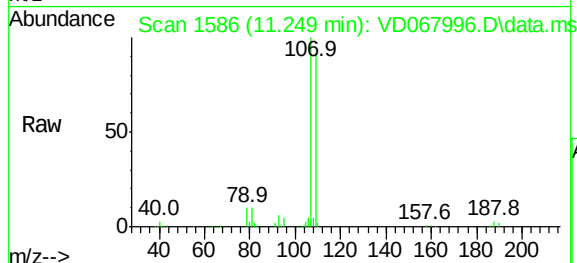


#6178 (-)
1,2-Dibromoethane
Concen: 53.27 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

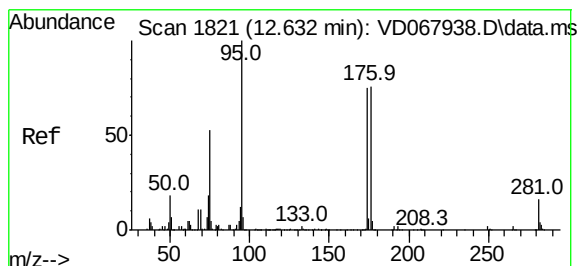
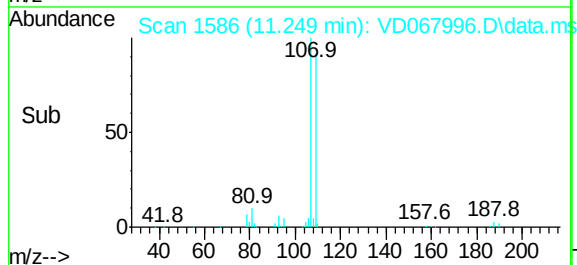
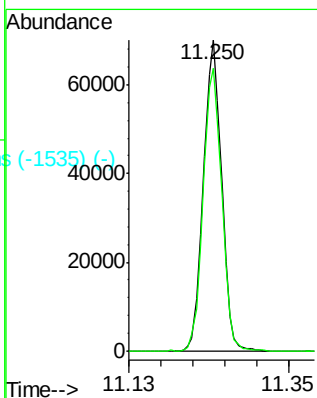
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

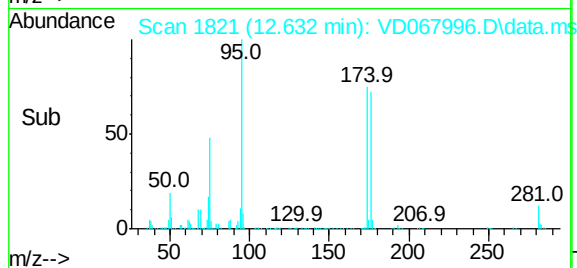
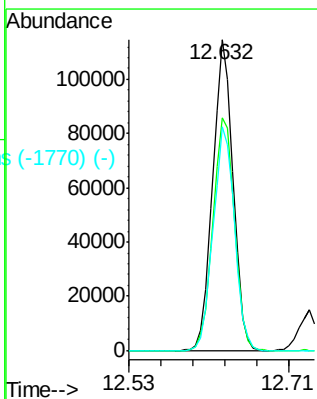
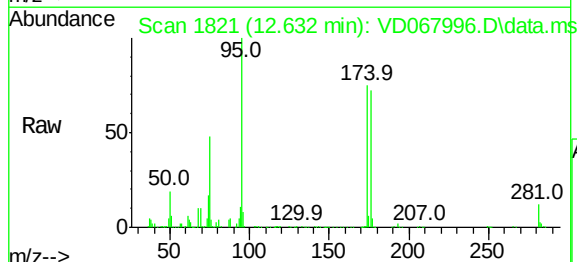


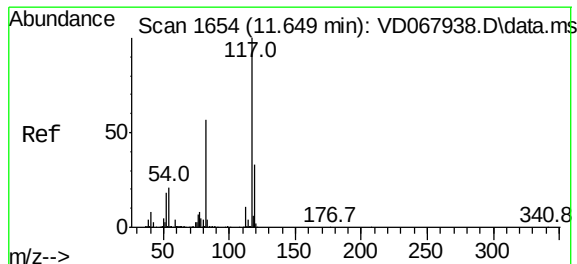
Tgt Ion:107 Resp: 122123
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 49.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 95 Resp: 179254
Ion Ratio Lower Upper
95 100
174 79.1 0.0 150.6
176 75.5 0.0 151.2



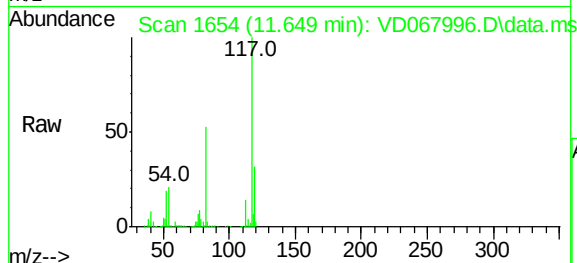


#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

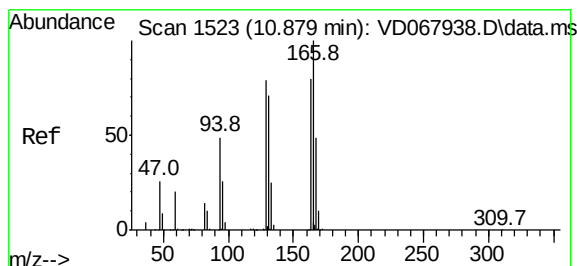
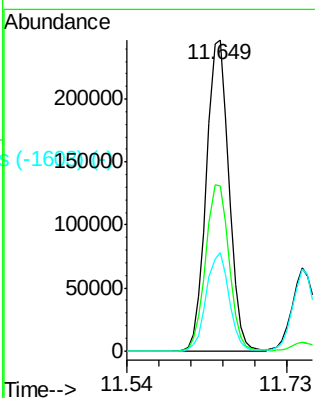
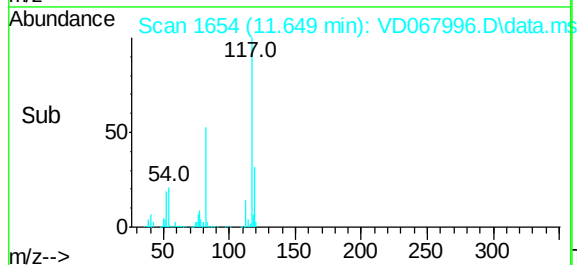
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

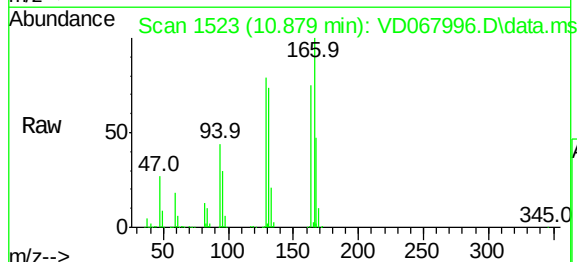
MMDadoda
1/5/2021 1:36:58 PM



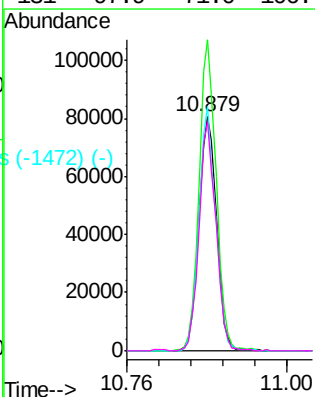
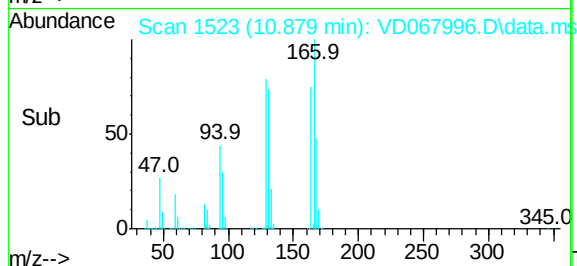
Tgt Ion:117 Resp: 427192
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 31.7 26.7 40.1

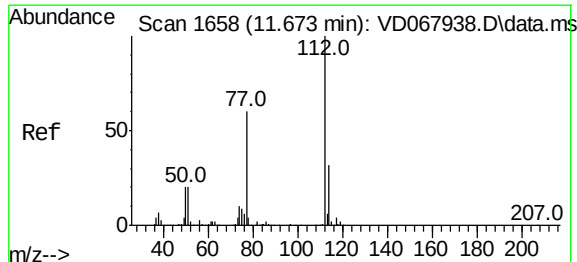


#6414 (-)
Tetrachloroethene
Concen: 48.32 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion:164 Resp: 144805
Ion Ratio Lower Upper
164 100
166 133.1 99.4 149.2
129 104.6 79.0 118.4
131 97.9 71.0 106.4



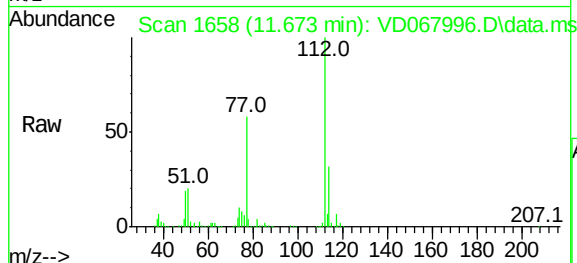


#6549 (-)
Chlorobenzene
Concen: 49.72 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

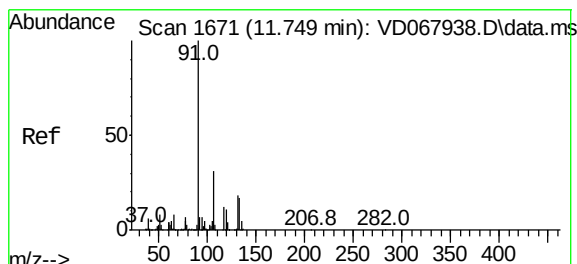
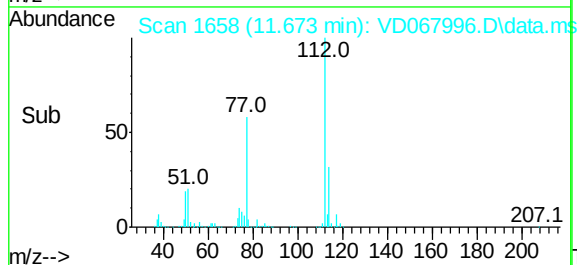
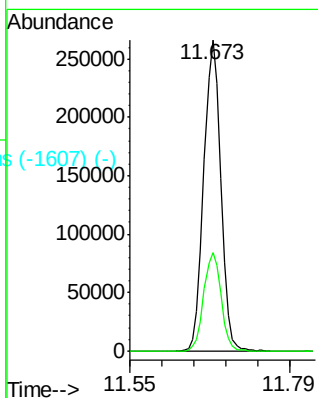
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

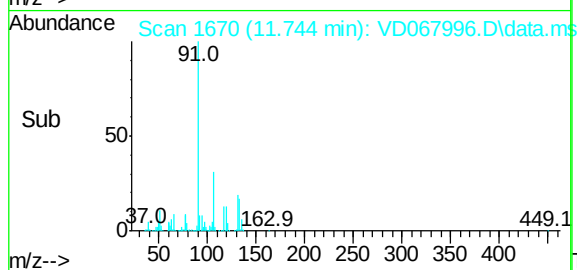
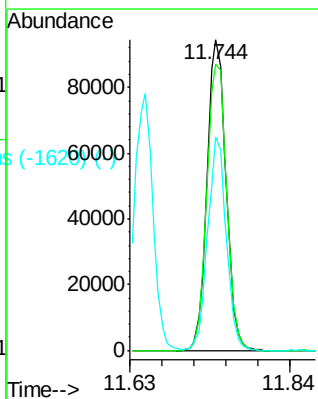
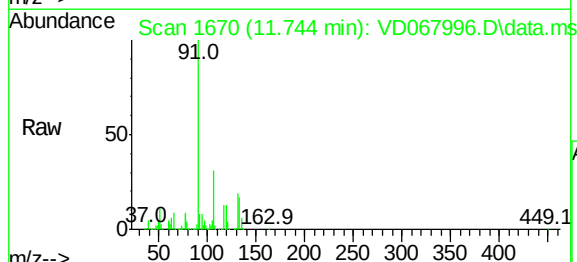


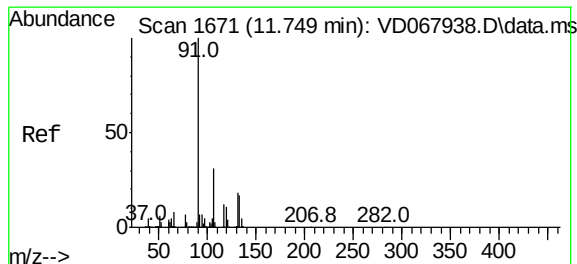
Tgt Ion:112 Resp: 458182
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#6662 (-)
1,1,1,2-Tetrachloroethane
Concen: 50.02 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:131 Resp: 164533
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.0
119 67.2 33.4 100.2





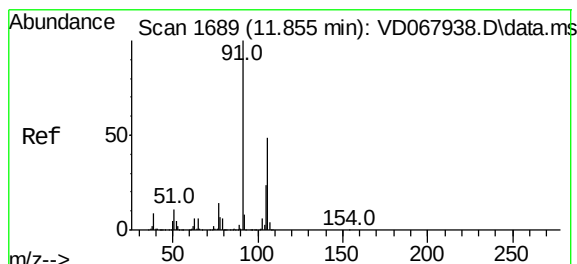
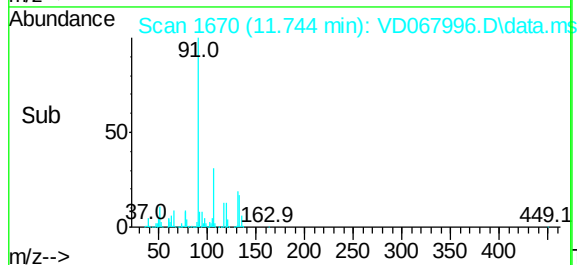
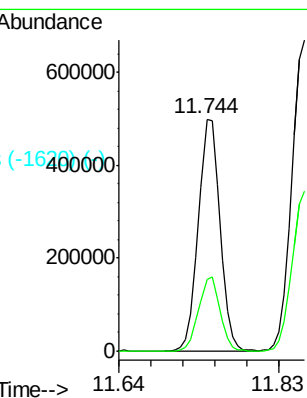
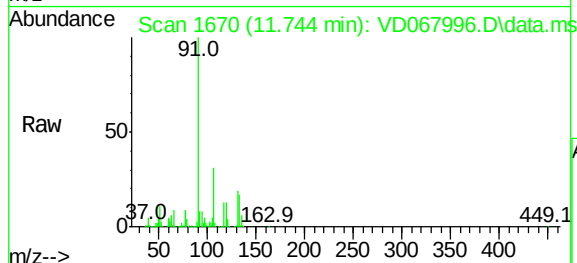
#661 (-)
Ethyl Benzene
Concen: 50.36 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:	91	Resp:	827612
Ion Ratio	Lower	Upper	
91	100		
106	30.5	24.6	37.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

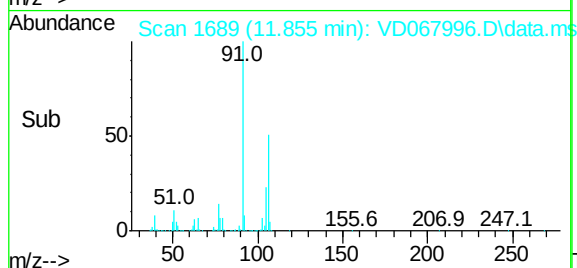
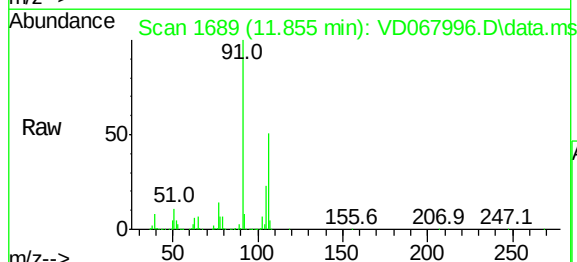
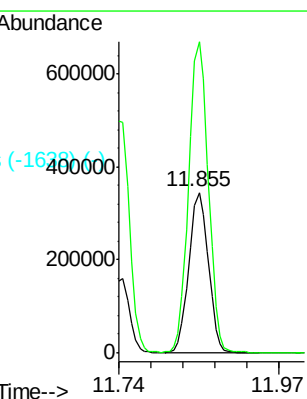
Manual Integrations
APPROVED

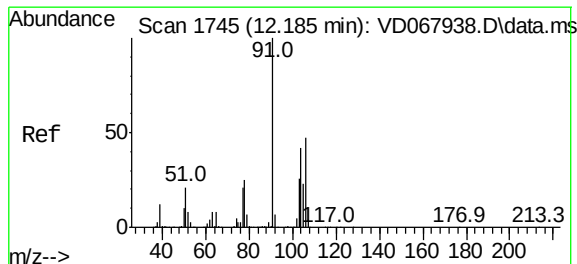
MMDadoda
1/5/2021 1:36:58 PM



#680 (-)
m/p-Xylenes
Concen: 102.98 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:	106	Resp:	645011
Ion Ratio	Lower	Upper	
106	100		
91	195.8	159.9	239.9



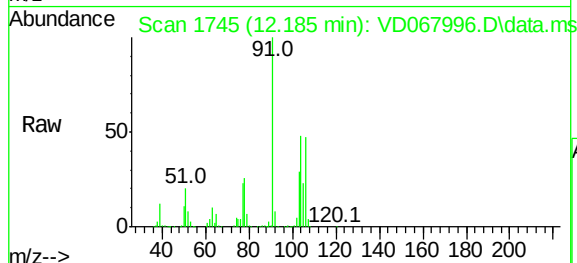


#6937 (-)
o-Xylene
Concen: 51.16 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

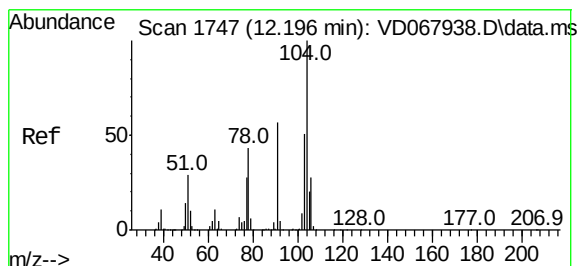
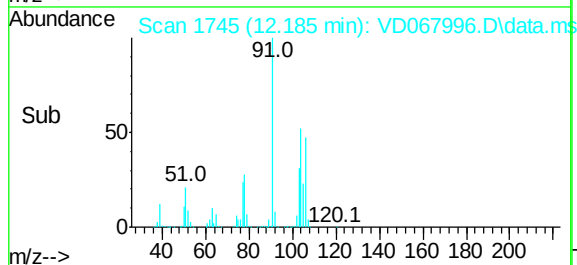
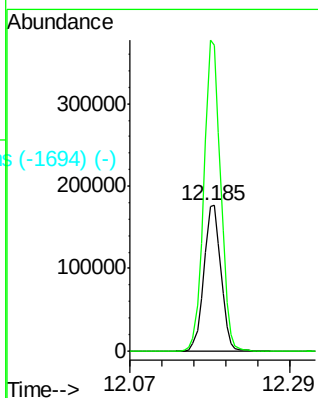
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

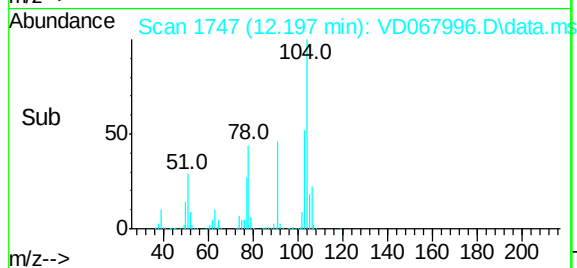
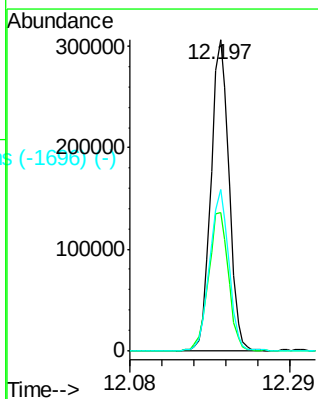
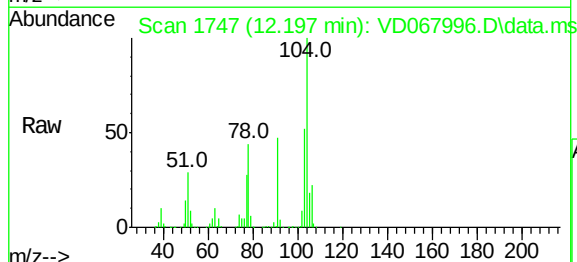


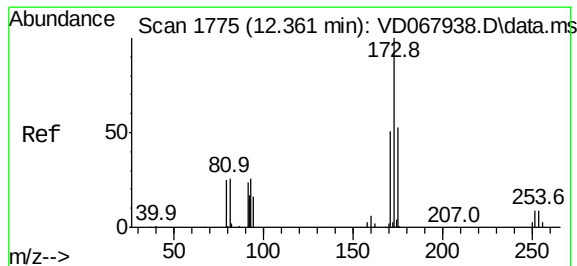
Tgt Ion:106 Resp: 286727
Ion Ratio Lower Upper
106 100
91 210.5 106.0 317.9



#1736 (-)
Styrene
Concen: 52.21 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

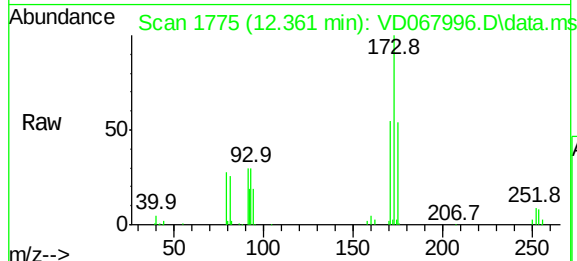
Tgt Ion:104 Resp: 505585
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.7 44.2 66.4





#1767 (-)
Bromoform
Concen: 52.56 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

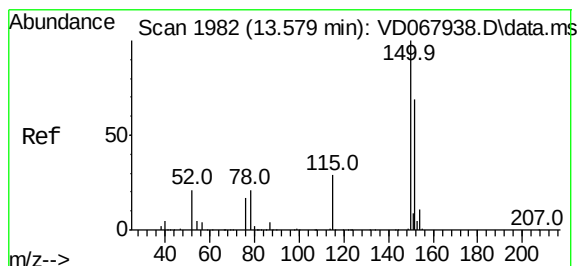
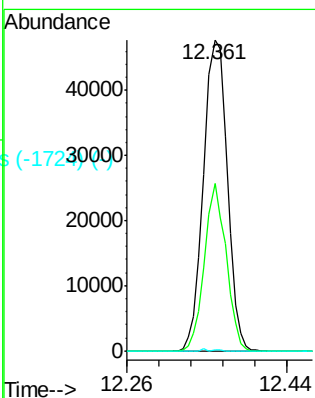
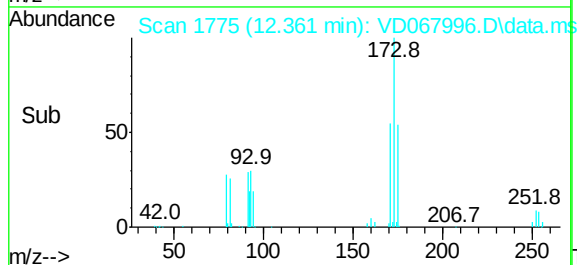
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



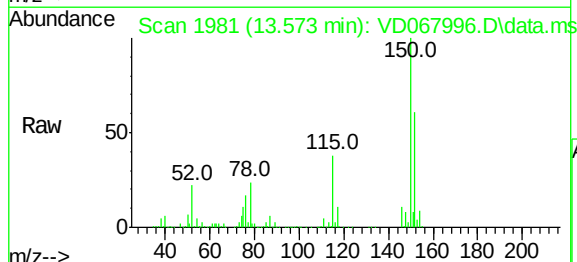
Tgt Ion:	173	Resp:	87396
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	73.8
254	0.3	0.0	0.0#

Manual Integrations
APPROVED

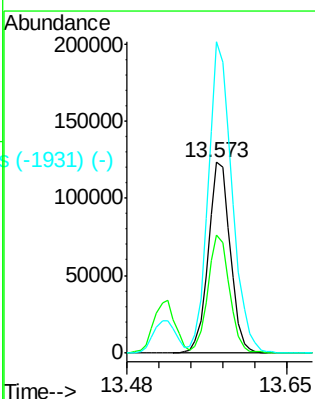
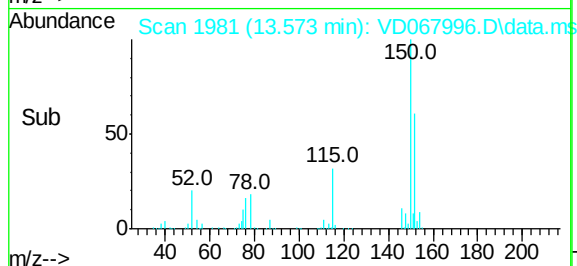
MMDadoda
1/5/2021 1:36:58 PM

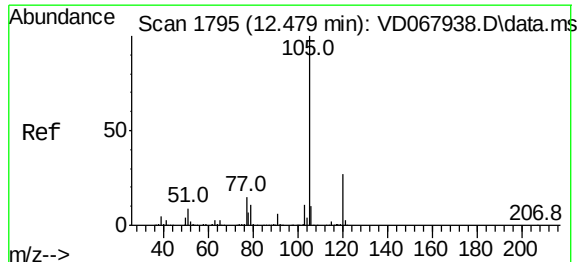


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion:	152	Resp:	200716
Ion Ratio	Lower	Upper	
152	100		
115	60.8	29.3	88.0
150	178.0	0.0	340.0



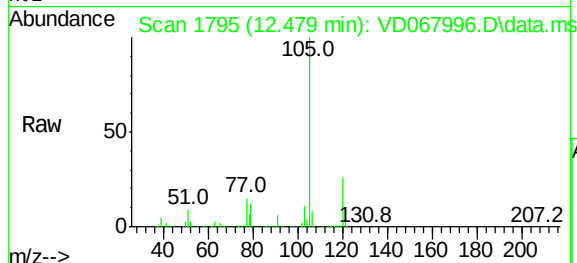


#1786 (-)
Isopropylbenzene
Concen: 51.89 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

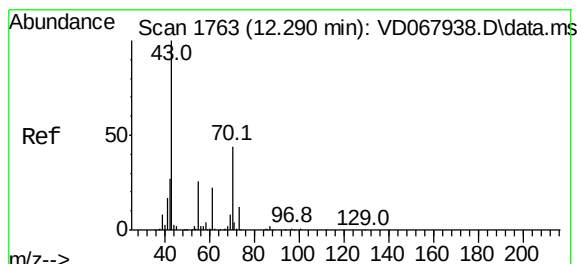
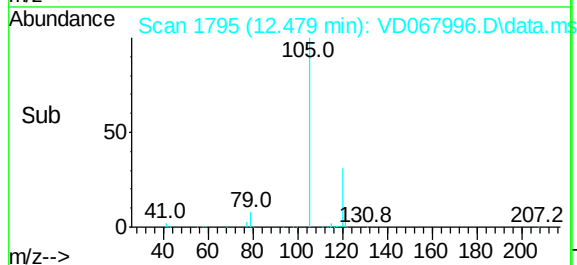
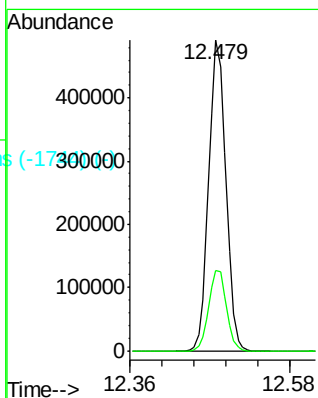
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

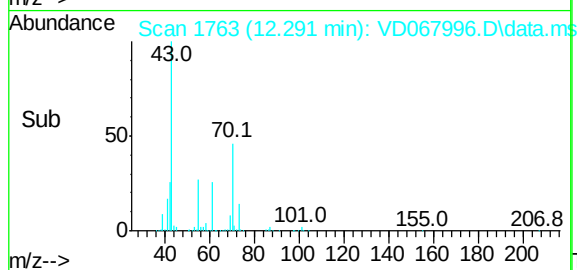
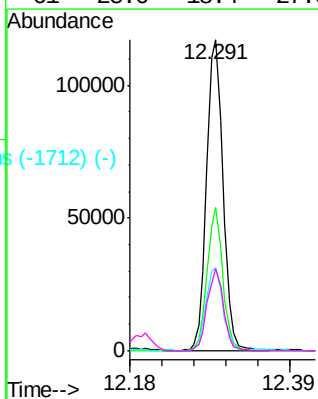
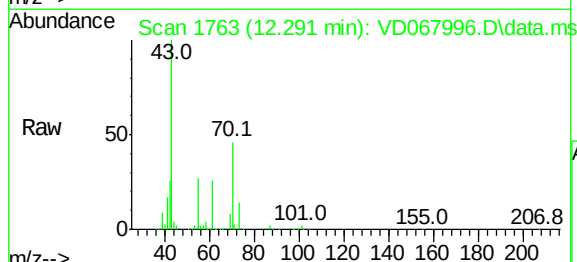


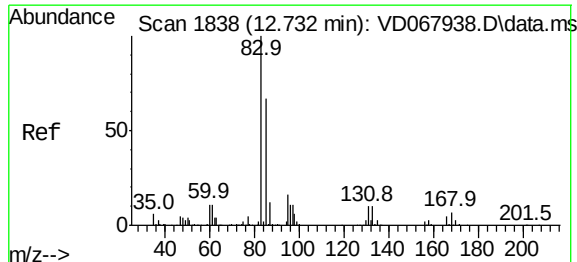
Tgt Ion:105 Resp: 773167
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 52.58 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion: 43 Resp: 177834
Ion Ratio Lower Upper
43 100
70 43.4 34.3 51.5
55 27.6 21.2 31.8
61 25.6 18.4 27.6



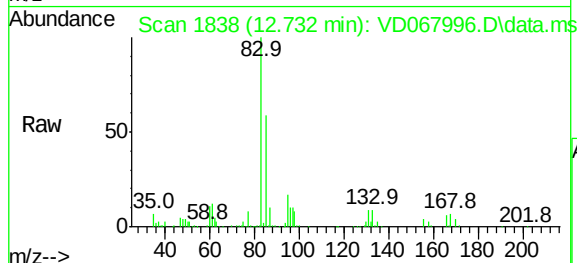


#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 52.22 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

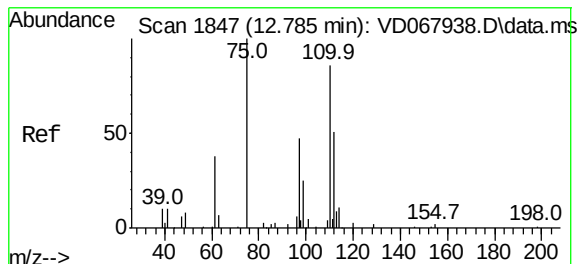
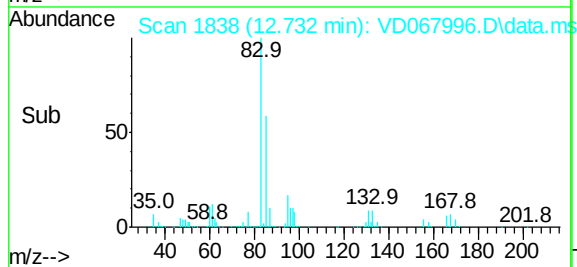
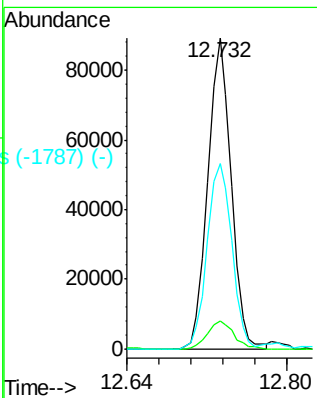
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

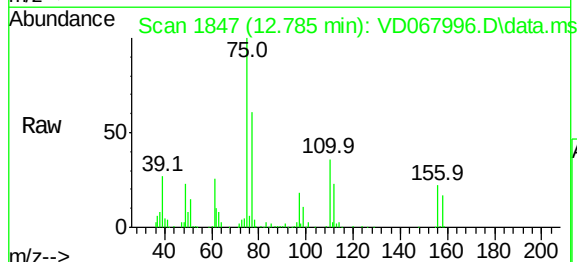
MMDadoda
 1/5/2021 1:36:58 PM



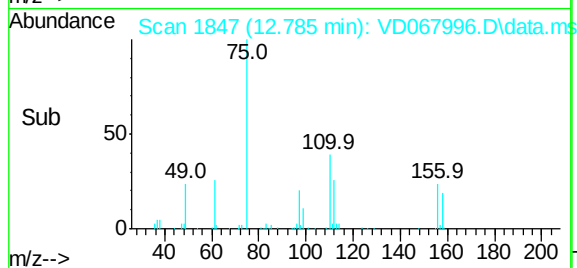
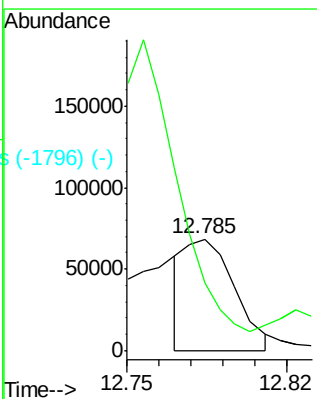
Tgt Ion	83	Resp	144339
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	63.4	32.1	96.3

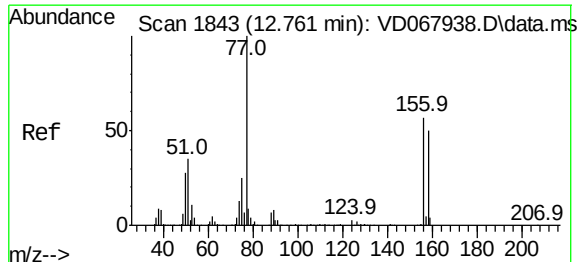


#1645 (-)
 1,2,3-Trichloropropane
 Concen: 54.21 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48



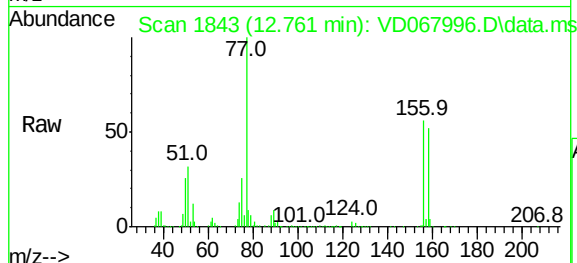
Tgt Ion	75	Resp	91604
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 52.40 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

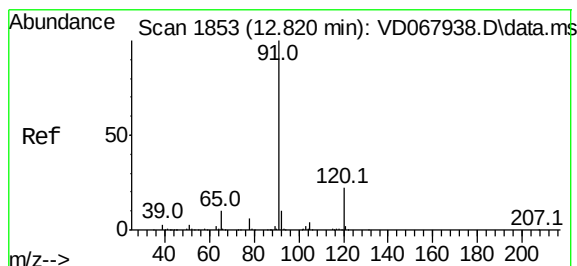
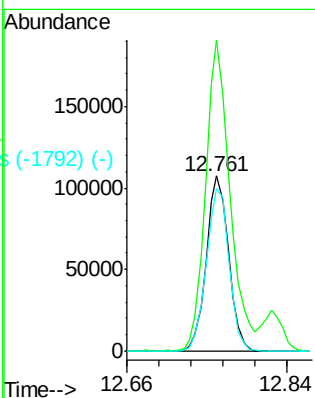
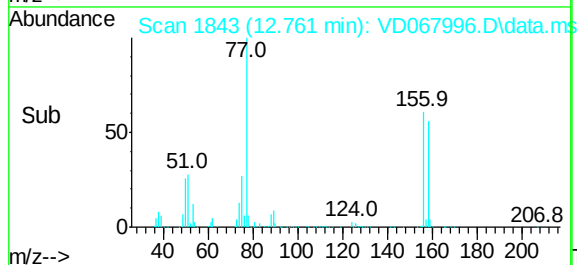
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



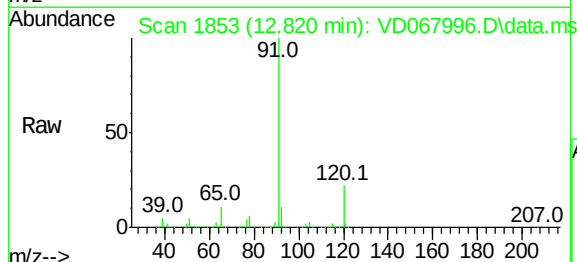
Tgt Ion:156 Resp: 178512
Ion Ratio Lower Upper
156 100
77 194.5 95.9 287.6
158 94.7 46.8 140.3

Manual Integrations
APPROVED

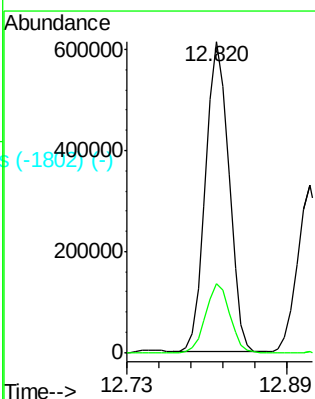
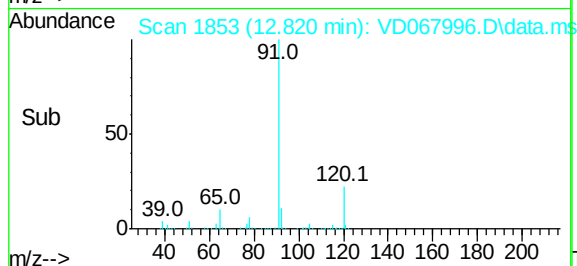
MMDadoda
1/5/2021 1:36:58 PM

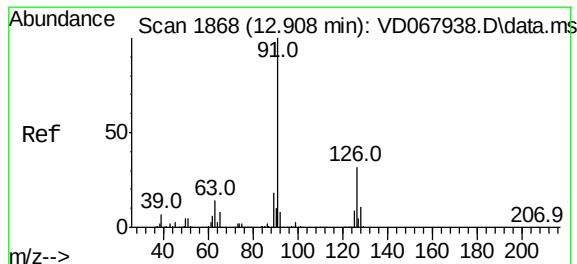


#1847 (-)
n-propylbenzene
Concen: 51.24 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion: 91 Resp: 949022
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5



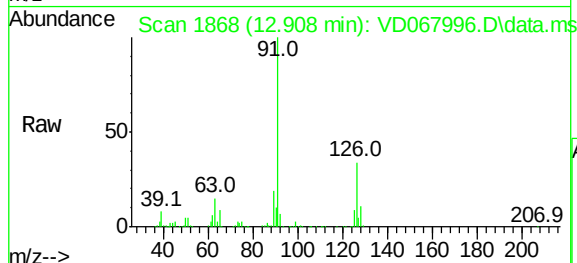


#1861 (-)
2-Chlorotoluene
Concen: 50.48 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

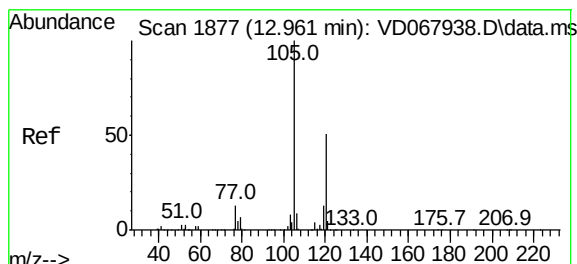
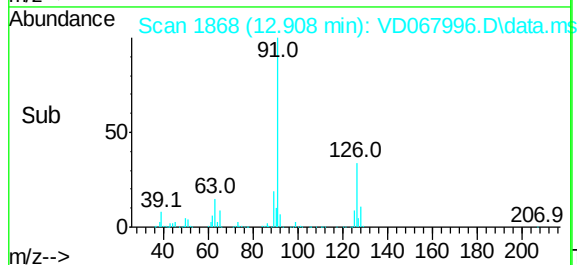
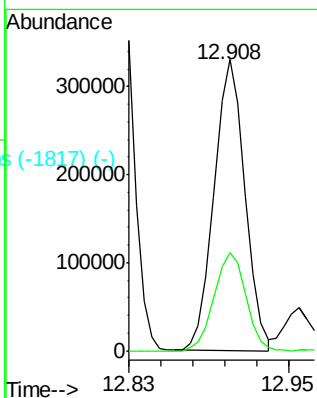
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

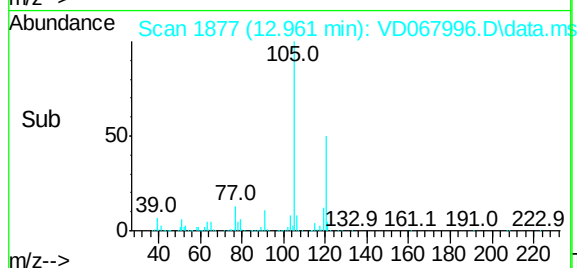
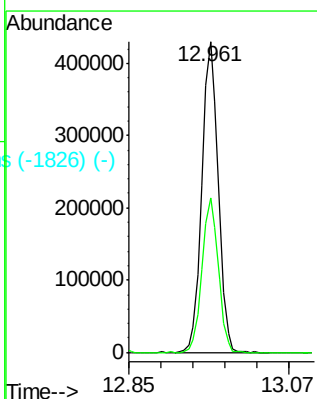
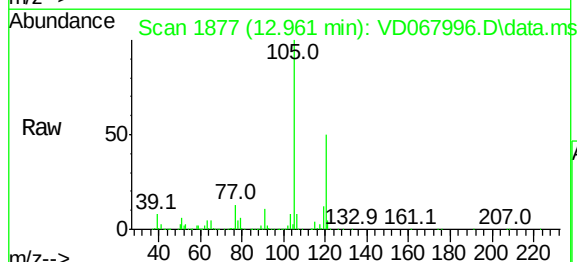


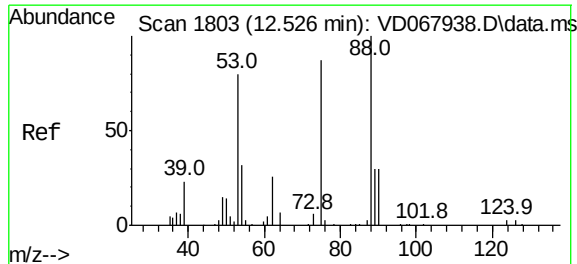
Tgt Ion: 91 Resp: 528187
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 52.61 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion:105 Resp: 650911
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





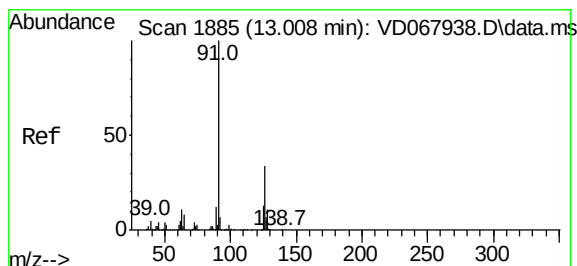
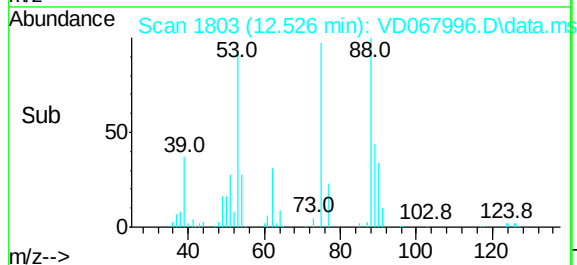
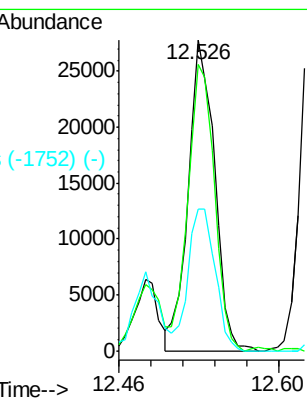
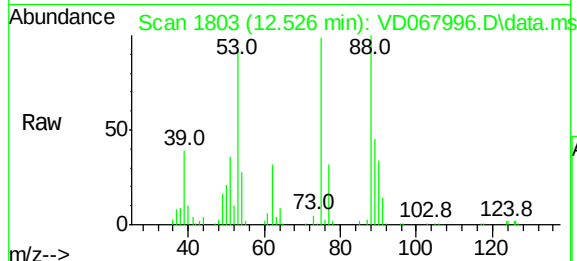
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 54.47 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.1	74.9	112.3
89	46.9	33.8	50.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

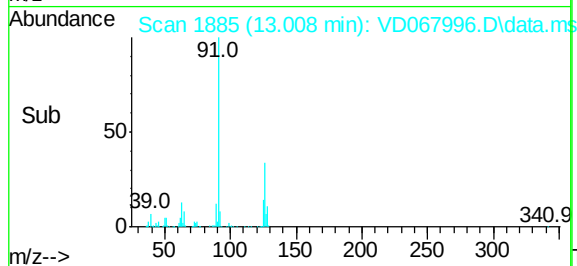
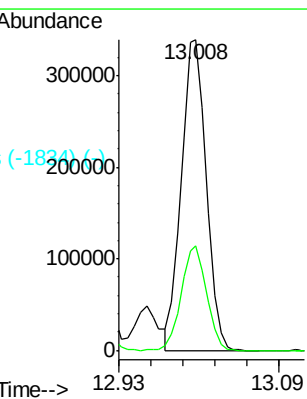
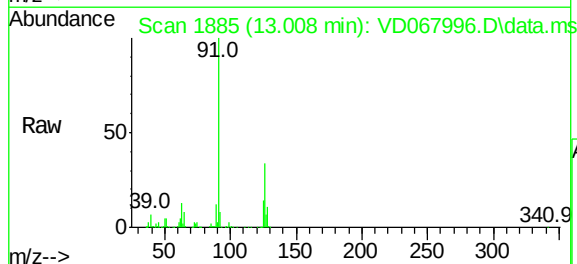
Manual Integrations
APPROVED

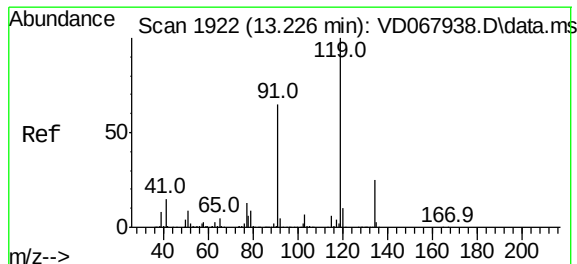
MMDadoda
1/5/2021 1:36:58 PM



#200 (-)
4-Chlorotoluene
Concen: 50.90 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

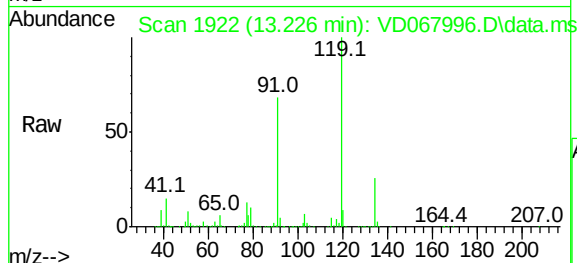
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0





#8913 (-)
tert-Butylbenzene
Concen: 52.46 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

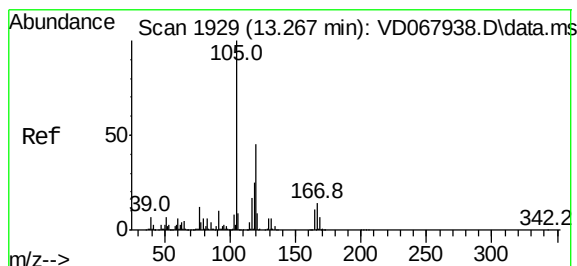
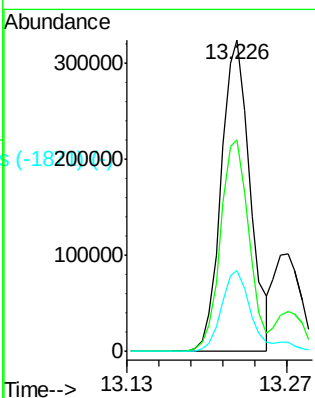
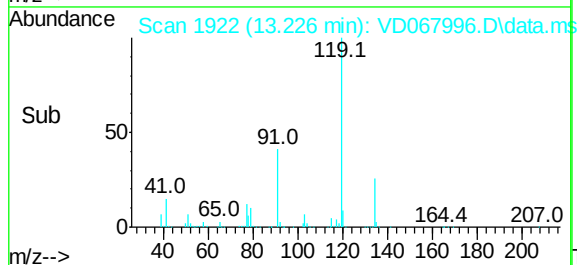
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



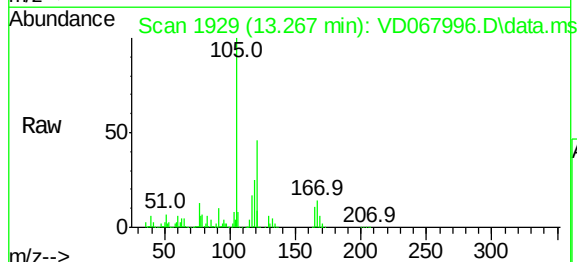
Tgt Ion:119 Resp: 533832
Ion Ratio Lower Upper
119 100
91 66.7 32.7 98.1
134 27.3 13.3 39.8

Manual Integrations
APPROVED

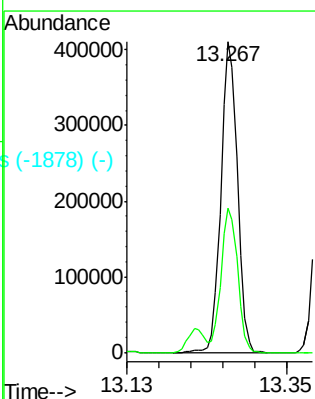
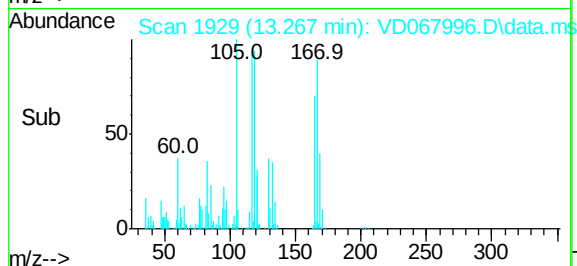
MMDadoda
1/5/2021 1:36:58 PM

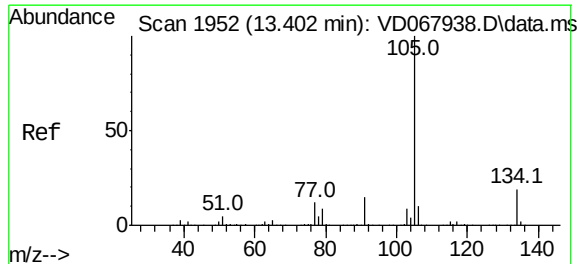


#8916 (-)
1,2,4-Trimethylbenzene
Concen: 53.13 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion:105 Resp: 659314
Ion Ratio Lower Upper
105 100
120 46.9 22.7 68.0



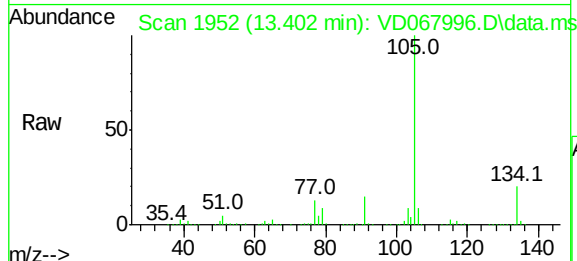


#8543 (-)
 sec-Butylbenzene
 Concen: 51.89 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

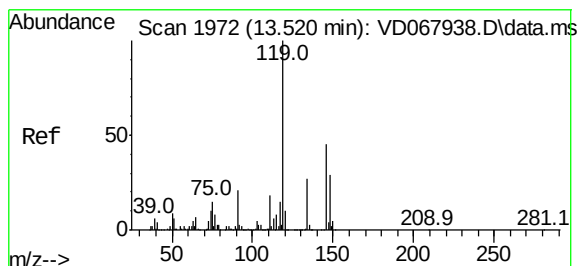
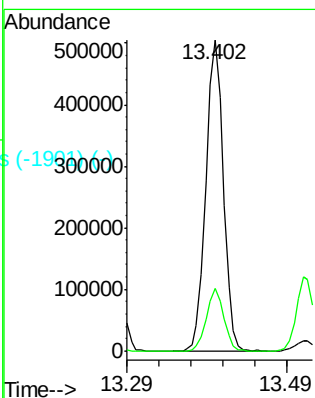
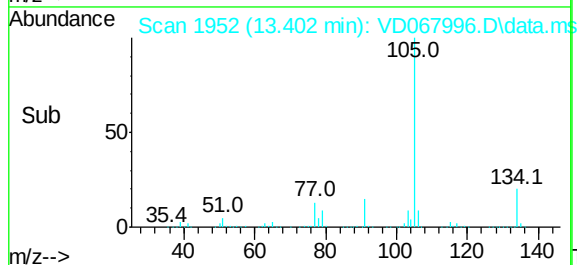
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/5/2021 1:36:58 PM

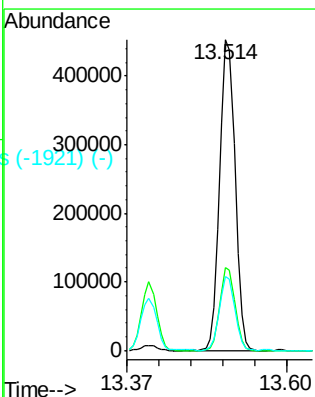
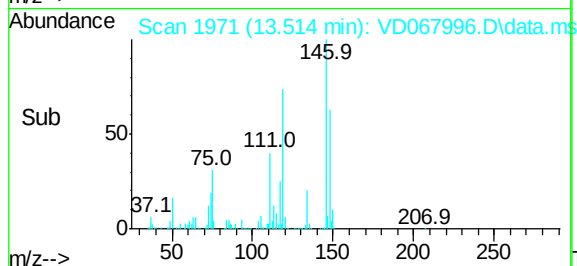
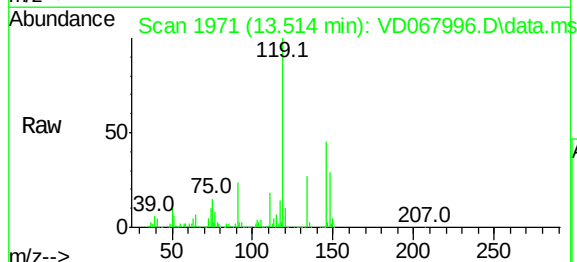


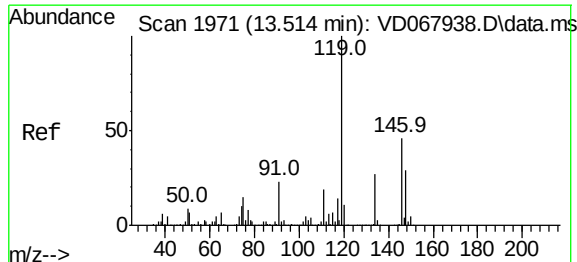
Tgt Ion:105 Resp: 772702
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#8564 (-)
 p-Isopropyltoluene
 Concen: 53.77 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067996.D
 Acq: 04 Jan 2021 17:48

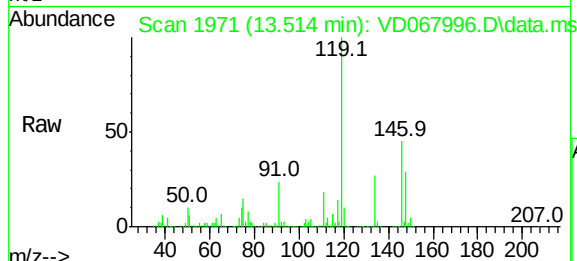
Tgt Ion:119 Resp: 704630
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.5 11.4 34.2





#863 (-)
1,3-Dichlorobenzene
Concen: 50.90 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

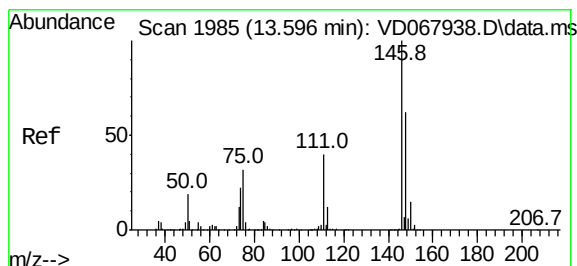
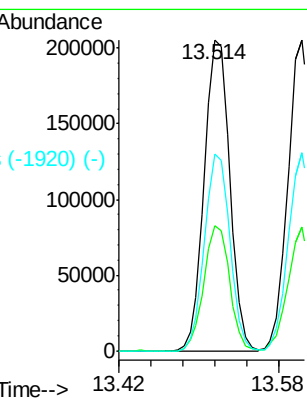
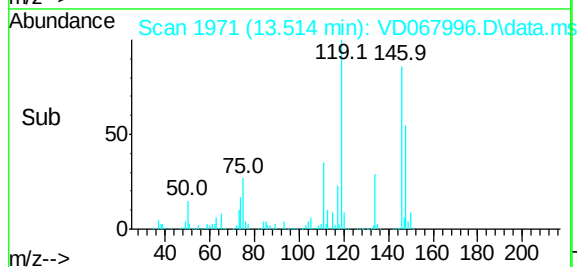
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



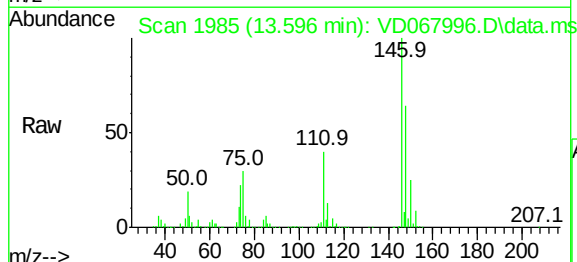
Tgt Ion:	146	Resp:	344873
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	63.0	31.8	95.4

Manual Integrations
APPROVED

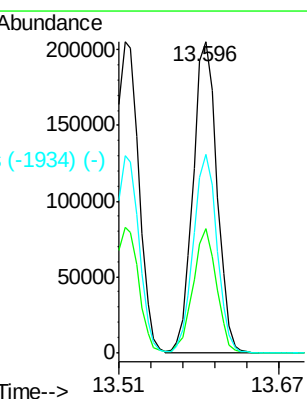
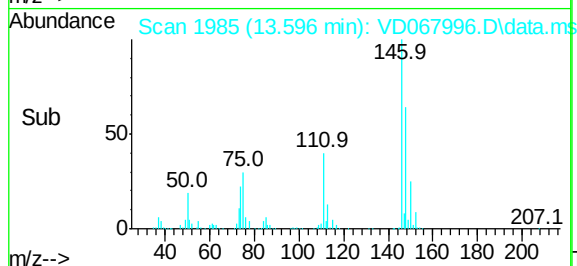
MMDadoda
1/5/2021 1:36:58 PM

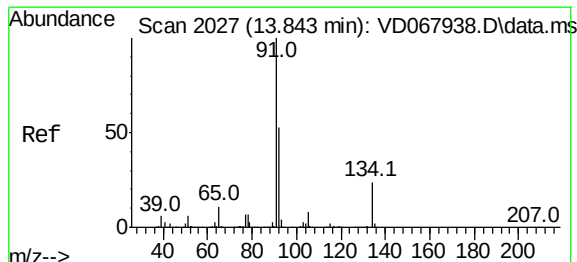


#868 (-)
1,4-Dichlorobenzene
Concen: 50.87 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion:	146	Resp:	340392
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.0	31.9	95.9





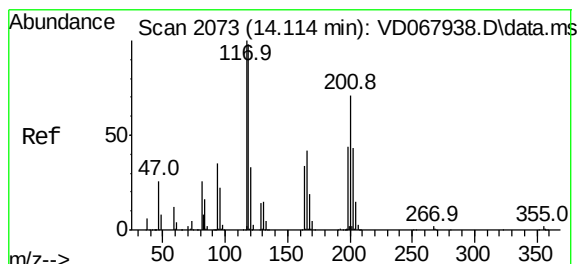
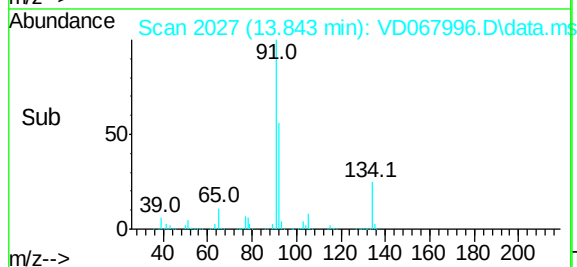
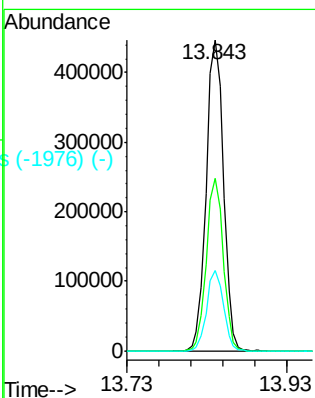
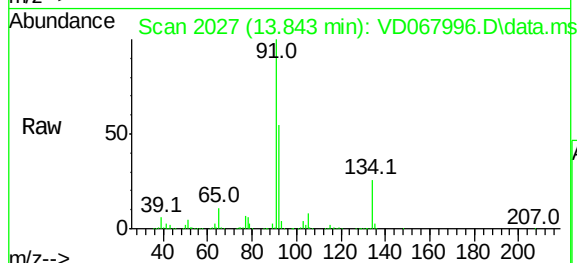
#9017 (-)
n-Butylbenzene
Concen: 52.09 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	25.2	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

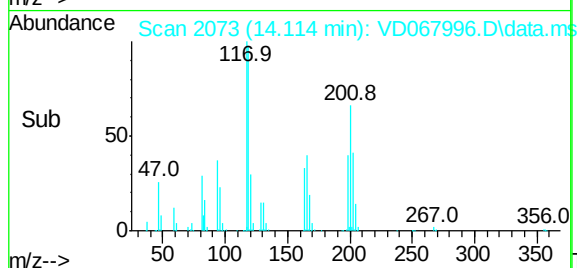
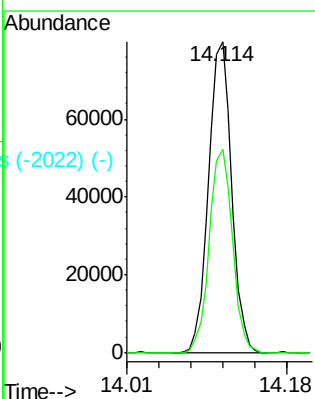
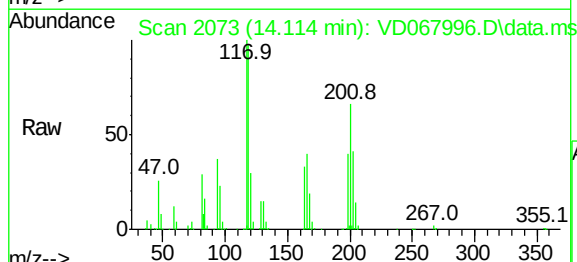
Manual Integrations
APPROVED

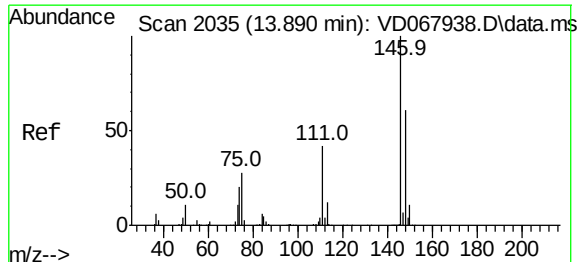
MMDadoda
1/5/2021 1:36:58 PM



#9064 (-)
Hexachloroethane
Concen: 51.53 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	34.3	102.8



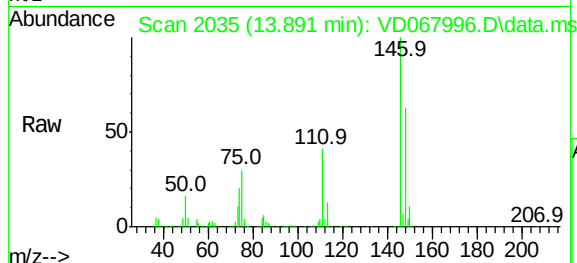


1,2-Dichlorobenzene
Concen: 52.33 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

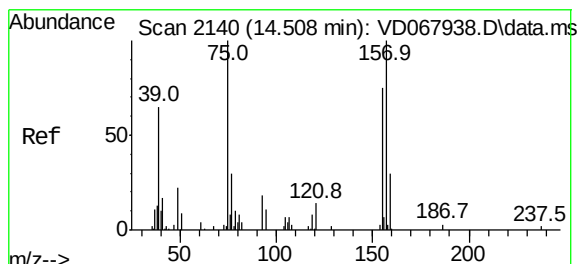
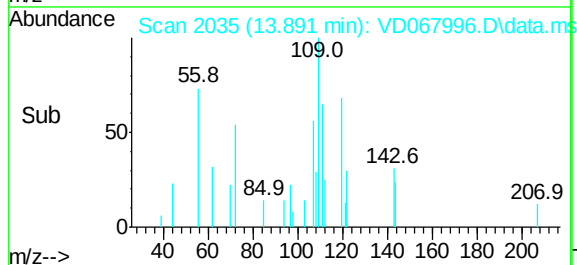
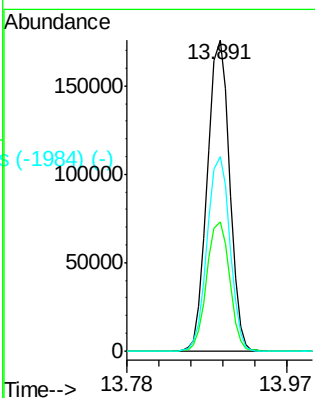
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM

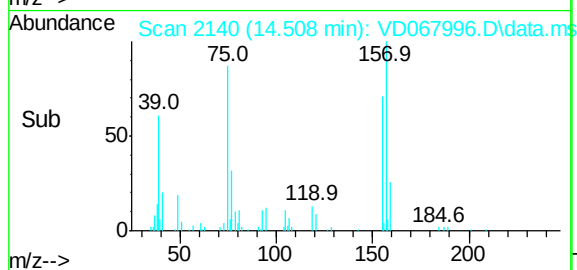
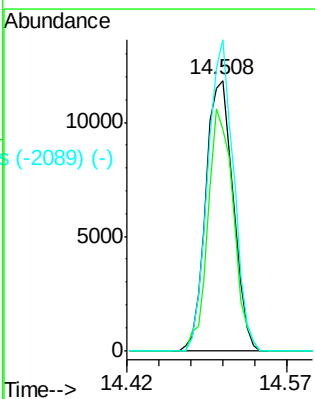
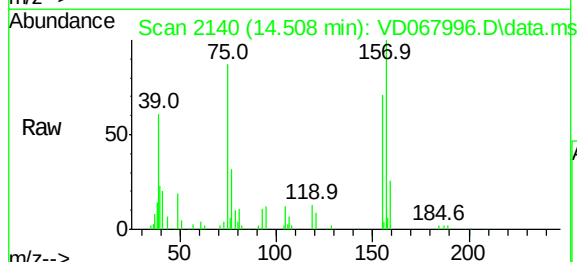


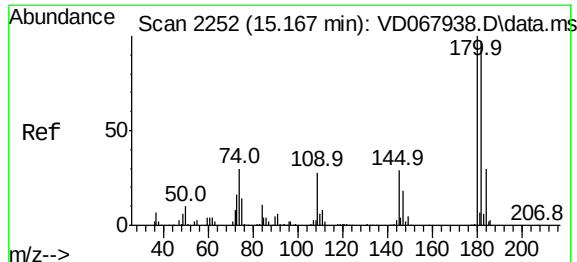
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.8	62.5
148	63.8	31.6	95.0



1,2-Dibromo-3-Chloropropane
Concen: 49.20 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

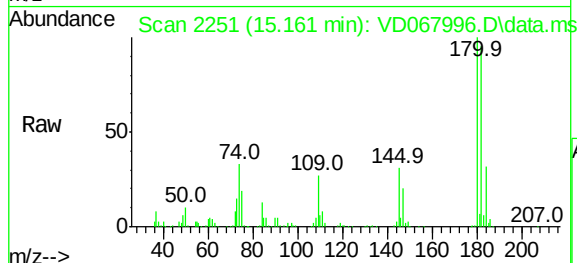
Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	39.8	119.3
157	108.1	50.6	151.9





1,2,4-Trichlorobenzene
Concen: 54.61 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

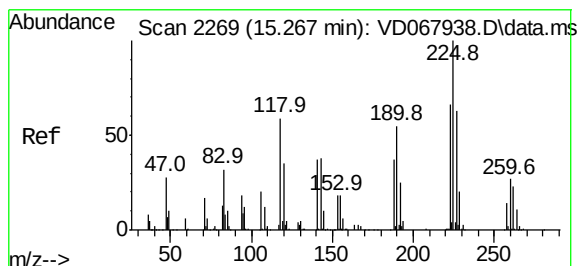
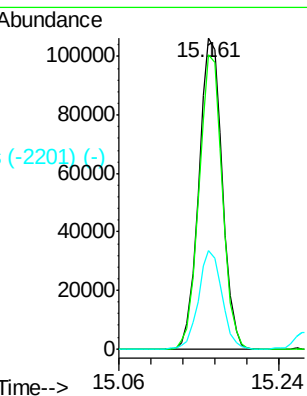
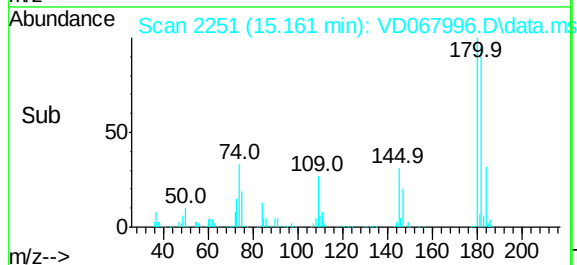
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



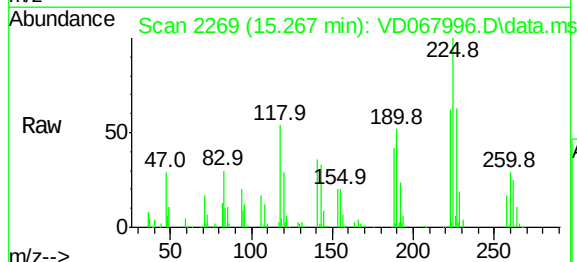
Tgt Ion	180	Resp	184954
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.0	144.2
145	31.5	15.8	47.3

Manual Integrations
APPROVED

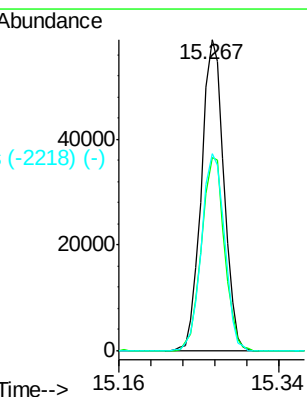
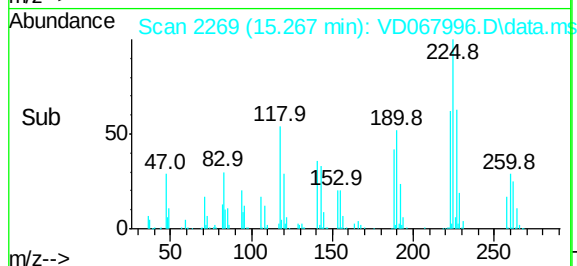
MMDadoda
1/5/2021 1:36:58 PM

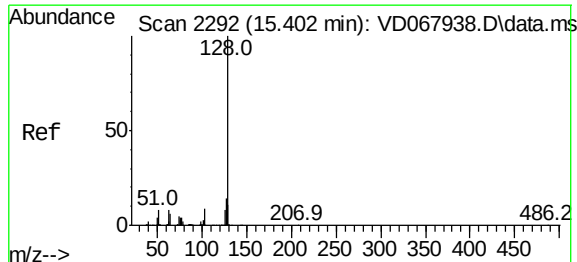


Hexachlorobutadiene
Concen: 50.62 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



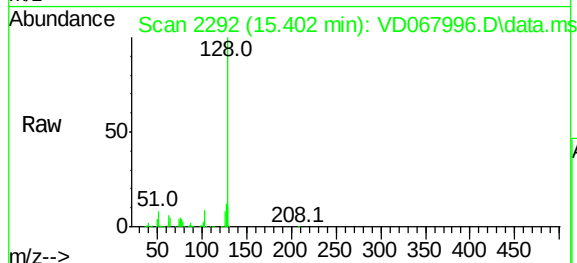
Tgt Ion	225	Resp	100316
Ion Ratio	Lower	Upper	
225	100		
223	63.9	33.4	100.2
227	65.2	31.7	95.1





#953 (-)
Naphthalene
Concen: 57.76 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48

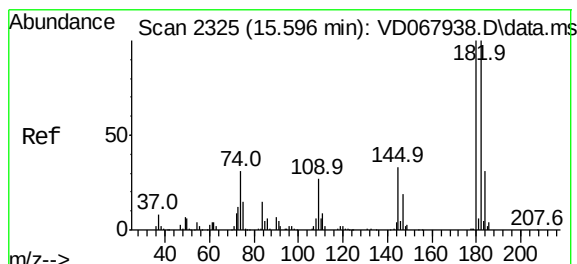
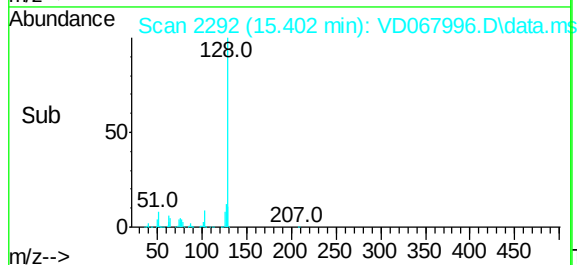
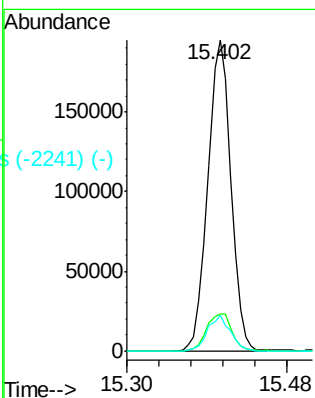
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



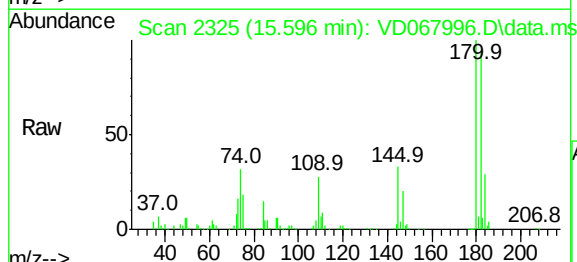
Tgt Ion:	128	Resp:	345760
Ion Ratio	Lower	Upper	
128	100		
127	13.0	11.2	16.8
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/5/2021 1:36:58 PM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 55.16 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067996.D
Acq: 04 Jan 2021 17:48



Tgt Ion:	180	Resp:	161431
Ion Ratio	Lower	Upper	
180	100		
182	97.5	50.2	150.6
145	34.0	17.0	51.0

