

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068453.D
 Acq On : 26 Feb 2021 12:26
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 3/1/2021 10:05:32 AM

Quant Time: Feb 26 12:50:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 12:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	312435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	541409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	501224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	234964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154312	48.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.30%		
35) Dibromofluoromethane	7.920	113	161421	50.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.98%		
50) Toluene-d8	10.343	98	637777	48.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.74%		
62) 4-Bromofluorobenzene	12.631	95	207394	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.12%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	152255	51.66	ug/l	94
3) Chloromethane	2.208	50	187793	53.25	ug/l	99
4) Vinyl Chloride	2.350	62	228222	54.10	ug/l	99
5) Bromomethane	2.767	94	153084	51.00	ug/l	96
6) Chloroethane	2.926	64	144163	52.73	ug/l	99
7) Trichlorofluoromethane	3.279	101	258983	50.65	ug/l	98
8) Diethyl Ether	3.714	74	77203	51.52	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	156568	50.37	ug/l	95
10) Methyl Iodide	4.308	142	185923	61.63	ug/l	94
11) Tert butyl alcohol	5.226	59	37749	235.70	ug/l	99
12) 1,1-Dichloroethene	4.073	96	156550	51.63	ug/l	97
13) Acrolein	3.926	56	60923	319.17	ug/l	99
14) Allyl chloride	4.720	41	204215	51.91	ug/l	98
15) Acrylonitrile	5.426	53	162683	252.77	ug/l	99
16) Acetone	4.161	43	127388	256.59	ug/l #	87
17) Carbon Disulfide	4.414	76	515767	57.09	ug/l	99
18) Methyl Acetate	4.726	43	60960	45.32	ug/l	96
19) Methyl tert-butyl Ether	5.485	73	334017	49.49	ug/l	93
20) Methylene Chloride	4.973	84	188476	47.22	ug/l	88
21) trans-1,2-Dichloroethene	5.479	96	185913	52.73	ug/l	94
22) Diisopropyl ether	6.367	45	448582	51.63	ug/l	95
23) Vinyl Acetate	6.308	43	1175764	262.89	ug/l	98
24) 1,1-Dichloroethane	6.273	63	304548	51.32	ug/l	98
25) 2-Butanone	7.214	43	176012	253.27	ug/l	93
26) 2,2-Dichloropropane	7.208	77	253233	49.98	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	204588	51.36	ug/l	95
28) Bromochloromethane	7.549	49	120091	49.41	ug/l	81
29) Tetrahydrofuran	7.561	42	115196	254.92	ug/l	96
30) Chloroform	7.714	83	319359	51.57	ug/l	98
31) Cyclohexane	7.990	56	271944	50.32	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	274329	51.38	ug/l	97
36) 1,1-Dichloropropene	8.114	75	255644	52.10	ug/l	97
37) Ethyl Acetate	7.296	43	81502	50.10	ug/l	97
38) Carbon Tetrachloride	8.096	117	238515	51.38	ug/l	100
39) Methylcyclohexane	9.355	83	322424	53.40	ug/l	98
40) Benzene	8.355	78	727161	52.22	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	45723	49.58	ug/l	92
42) 1,2-Dichloroethane	8.426	62	193736	52.27	ug/l	97
43) Isopropyl Acetate	8.455	43	157442	50.64	ug/l	97
44) Trichloroethene	9.114	130	198970	52.51	ug/l	96
45) 1,2-Dichloropropane	9.390	63	177734	52.29	ug/l	97
46) Dibromomethane	9.479	93	92115	50.34	ug/l	94
47) Bromodichloromethane	9.667	83	246465	51.94	ug/l	99
48) Methyl methacrylate	9.455	41	82272	51.93	ug/l	97
49) 1,4-Dioxane	9.461	88	21253	1001.69	ug/l	90
51) 4-Methyl-2-Pentanone	10.231	43	413464	257.85	ug/l	99
52) Toluene	10.408	92	468538	52.29	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	224318	51.24	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	278177	51.66	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	131936	52.03	ug/l	89
56) Ethyl methacrylate	10.661	69	155310	52.00	ug/l	97
57) 1,3-Dichloropropane	10.949	76	227899	51.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	380773	241.07	ug/l	92
59) 2-Hexanone	10.984	43	279824	257.97	ug/l	100
60) Dibromochloromethane	11.143	129	165007	52.30	ug/l	99
61) 1,2-Dibromoethane	11.249	107	128797	52.46	ug/l	100
64) Tetrachloroethene	10.879	164	159190	50.69	ug/l	96
65) Chlorobenzene	11.673	112	500877	51.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	175319	51.50	ug/l	96
67) Ethyl Benzene	11.743	91	911303	51.95	ug/l	96
68) m/p-Xylenes	11.855	106	695003	104.47	ug/l	100
69) o-Xylene	12.178	106	324754	53.20	ug/l	95
70) Styrene	12.196	104	555695	52.44	ug/l	99
71) Bromoform	12.361	173	90660	51.83	ug/l #	98
73) Isopropylbenzene	12.478	105	869625	50.41	ug/l	100
74) N-amyl acetate	12.290	43	150483	49.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.731	83	144013	48.45	ug/l	99
76) 1,2,3-Trichloropropane	12.784	75	87826m	39.38	ug/l	
77) Bromobenzene	12.761	156	193560	50.08	ug/l	90
78) n-propylbenzene	12.820	91	1044727	50.46	ug/l	98
79) 2-Chlorotoluene	12.908	91	575416	50.22	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	720991	51.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.525	75	45217	50.58	ug/l	97
82) 4-Chlorotoluene	13.002	91	609539	50.27	ug/l	97
83) tert-Butylbenzene	13.220	119	614832	50.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	726084	51.49	ug/l	98
85) sec-Butylbenzene	13.396	105	861567	50.53	ug/l	99
86) p-Isopropyltoluene	13.514	119	796728	51.73	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	385787	51.38	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	374335	50.15	ug/l	99
89) n-Butylbenzene	13.837	91	770391	51.22	ug/l	97
90) Hexachloroethane	14.108	117	161517	56.51	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	326025	50.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25345	56.78	ug/l	88
93) 1,2,4-Trichlorobenzene	15.161	180	257869	58.89	ug/l	100
94) Hexachlorobutadiene	15.261	225	143423	59.42	ug/l	99
95) Naphthalene	15.396	128	465284	57.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	218127	57.39	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

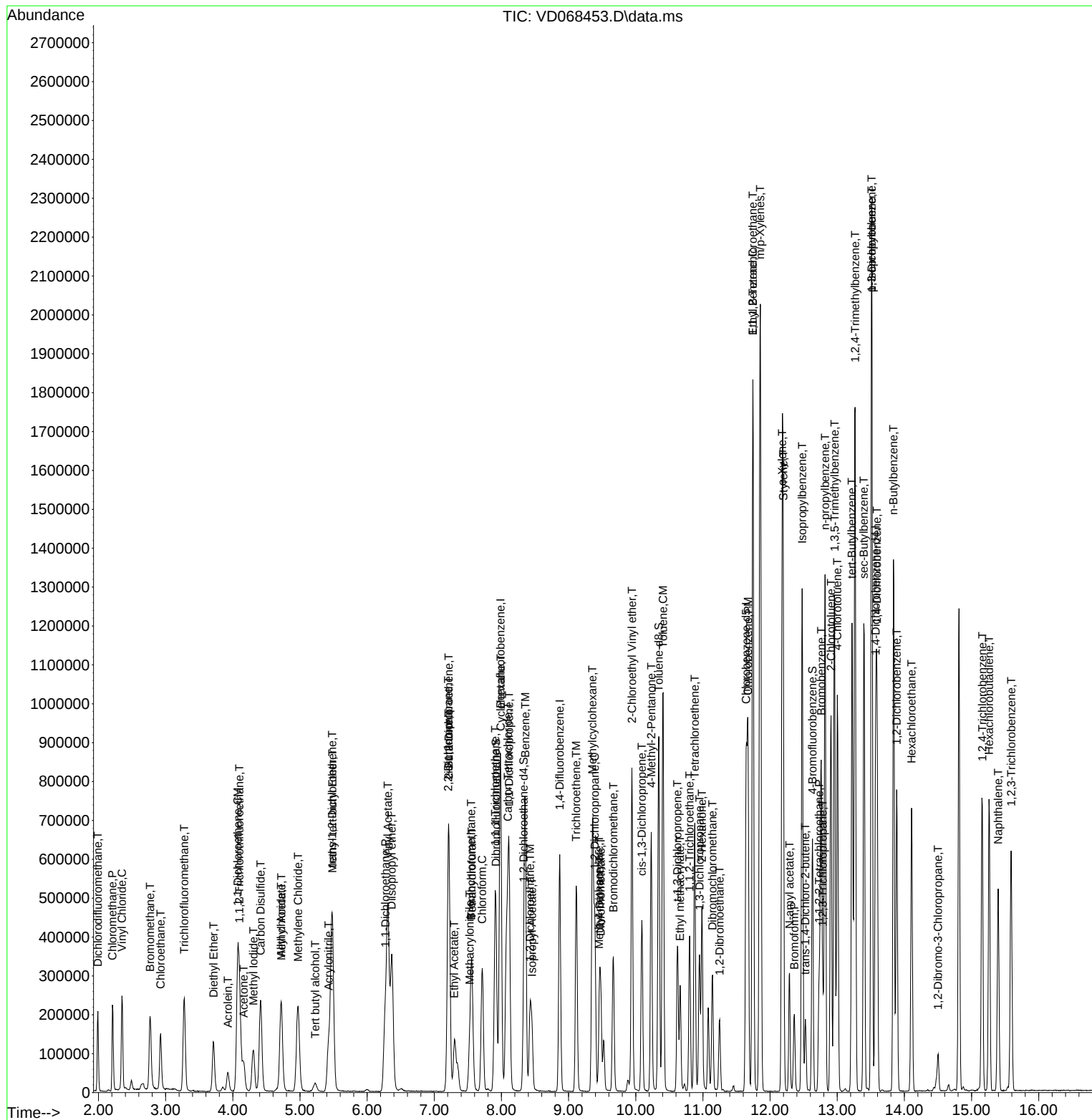
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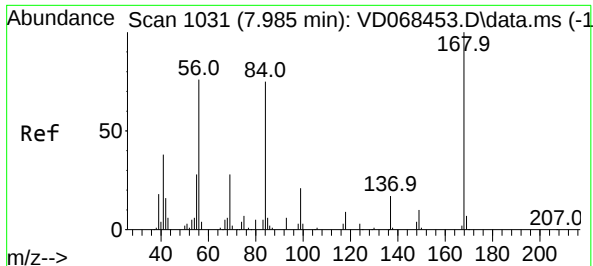
Instrument :
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Manual Integrations
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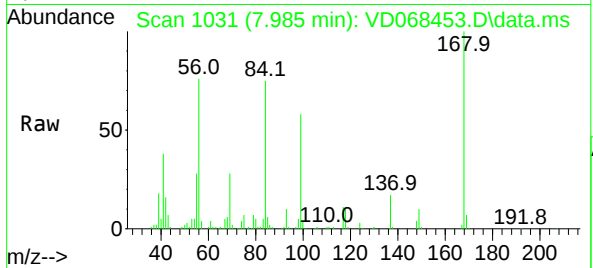
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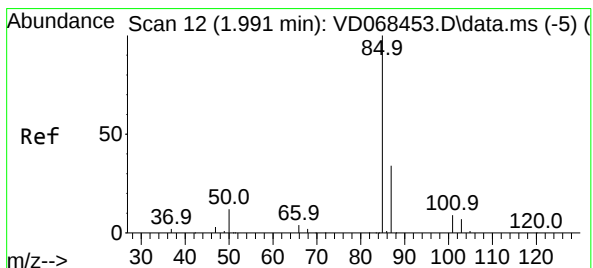
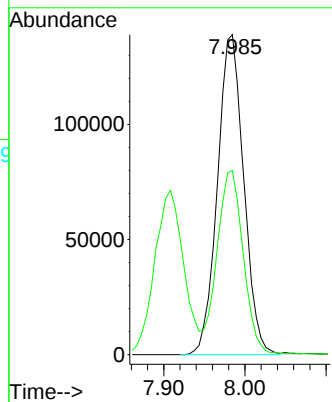
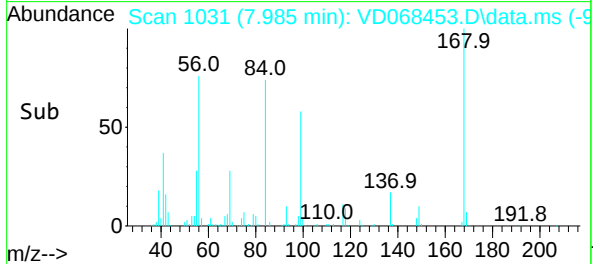




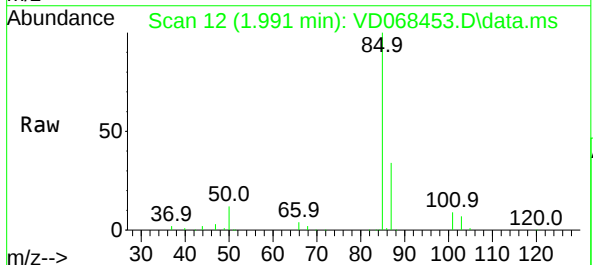
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068453.D
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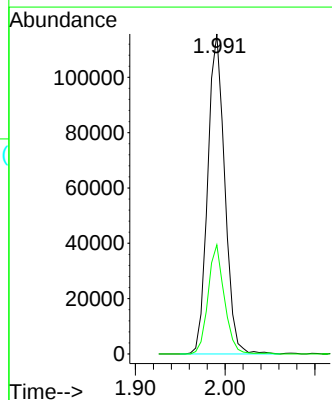
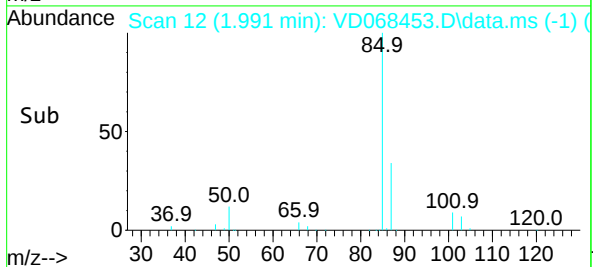
Tgt Ion: 168 Resp: 312435
Ion Ratio Lower Upper
168 100
99 57.2 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 51.66 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



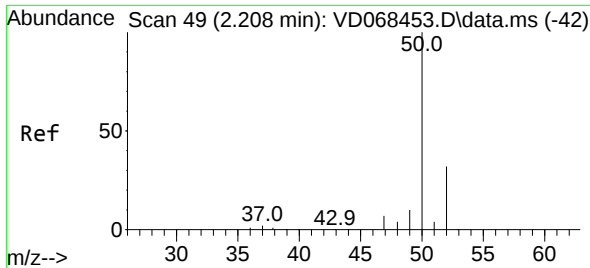
Tgt Ion: 85 Resp: 152255
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.1



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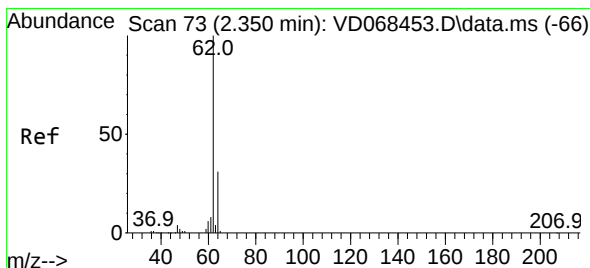
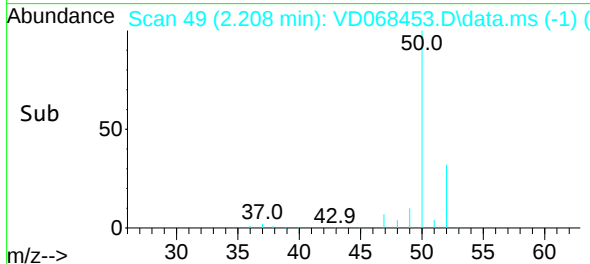
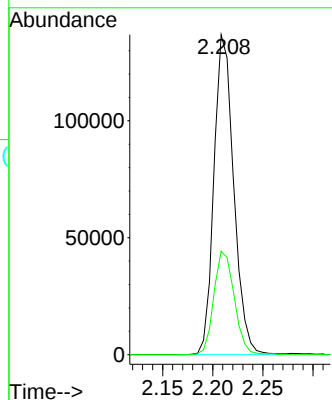
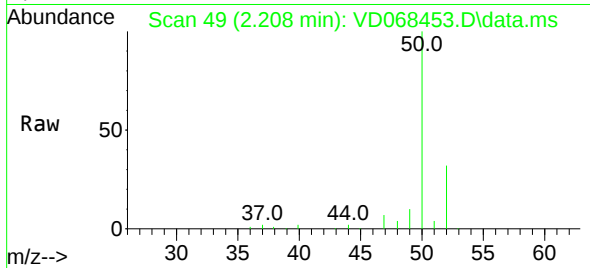
#3
Chloromethane
Concen: 53.25 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068453.D
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Tgt Ion: 50 Resp: 187793
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

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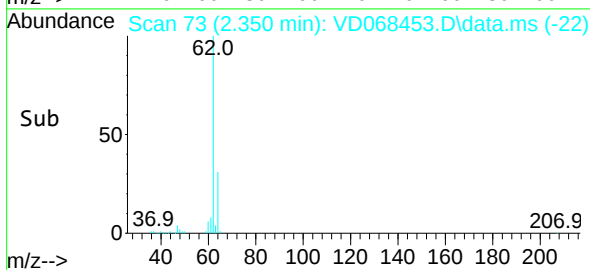
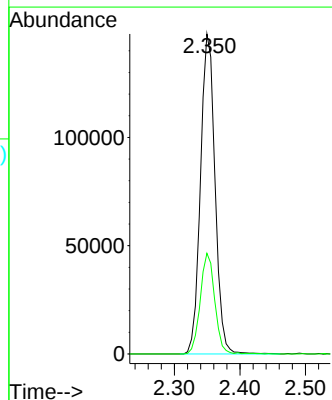
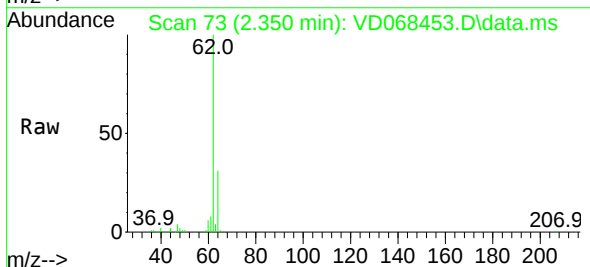
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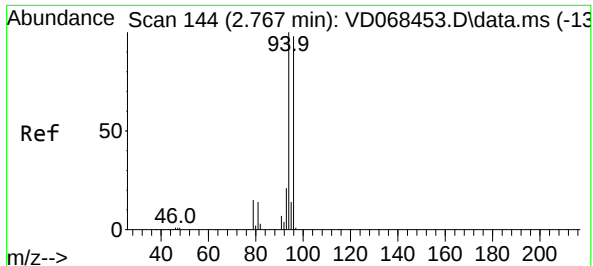
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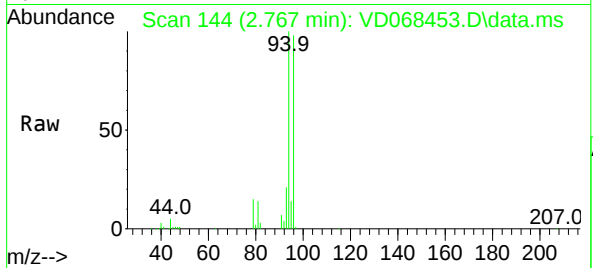
#4
Vinyl Chloride
Concen: 54.10 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 62 Resp: 228222
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2

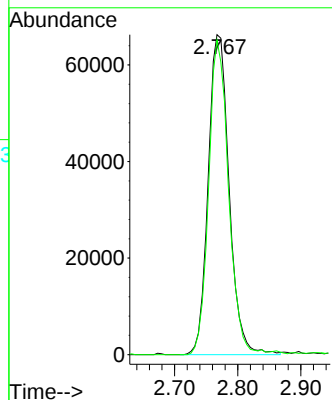




#5
Bromomethane
Concen: 51.00 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068453.D
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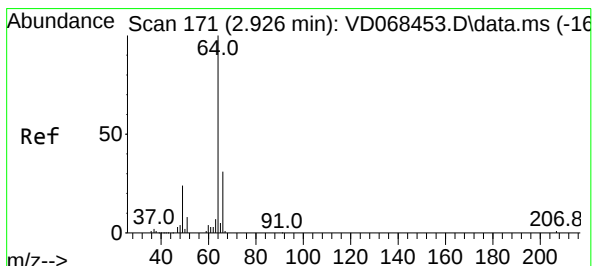
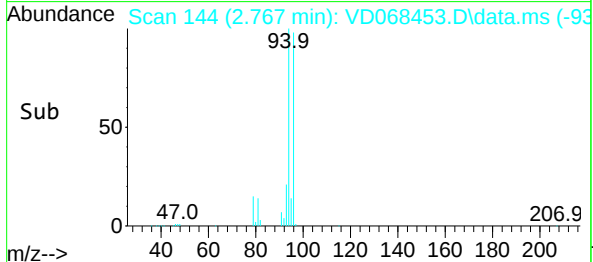
Tgt Ion: 94 Resp: 153084
Ion Ratio Lower Upper
94 100
96 98.3 75.8 113.8



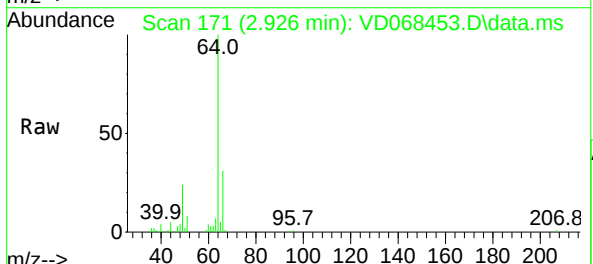
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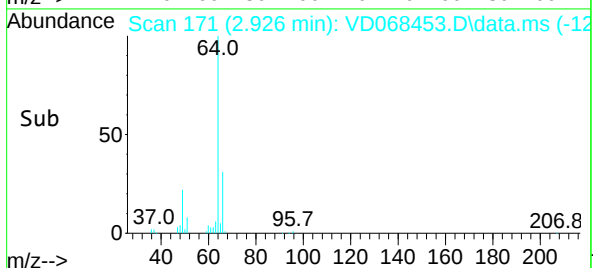
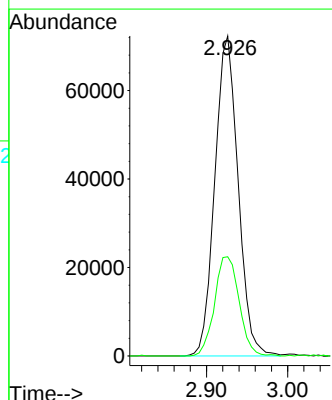
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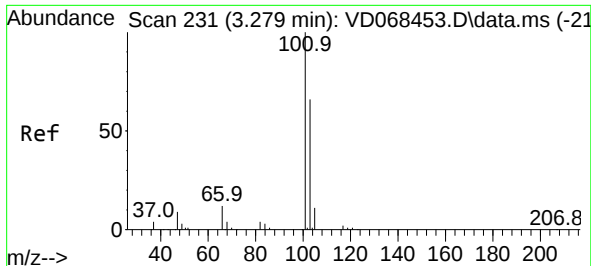


#6
Chloroethane
Concen: 52.73 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion: 64 Resp: 144163
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





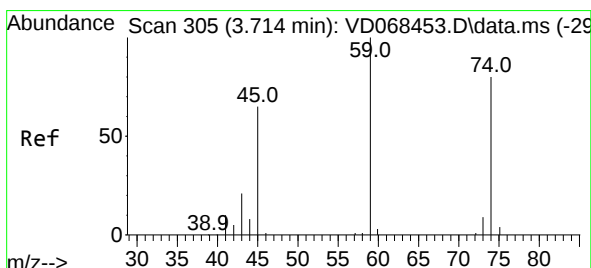
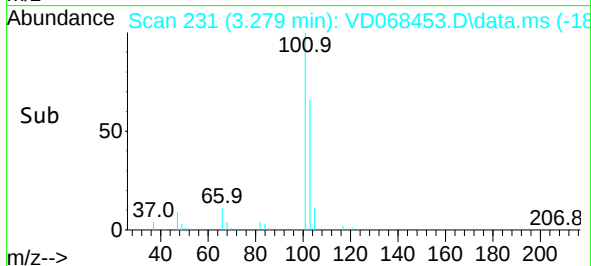
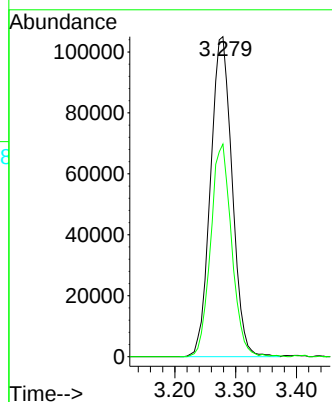
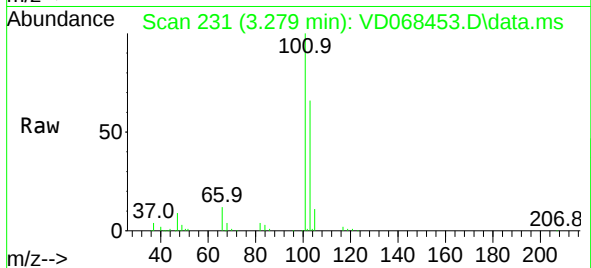
#7
Trichlorofluoromethane
Concen: 50.65 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068453.D
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Tgt Ion:101 Resp: 258983
Ion Ratio Lower Upper
101 100
103 66.5 52.0 78.0

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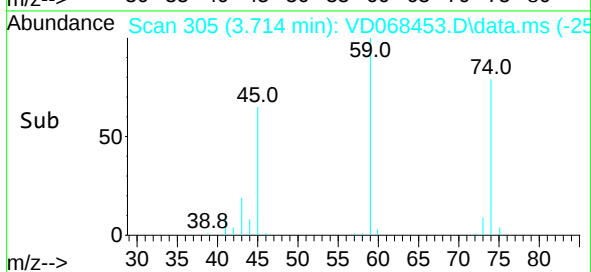
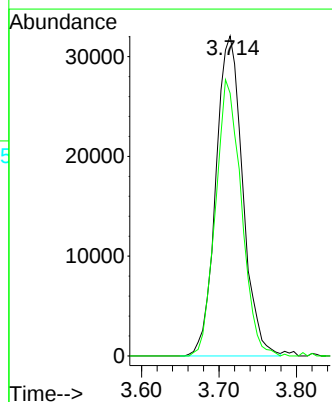
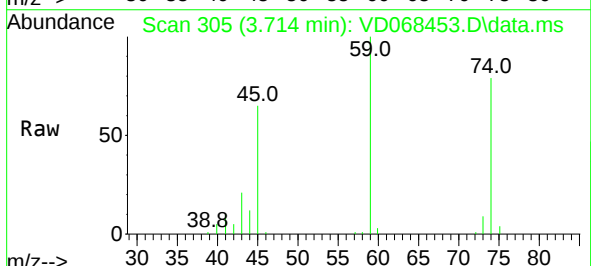
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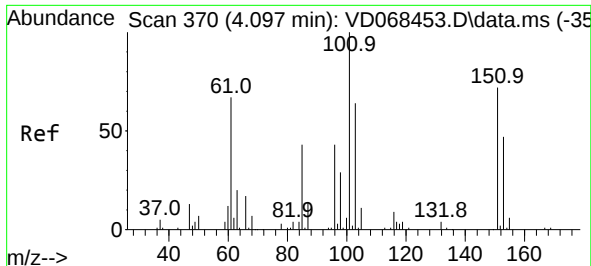
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#8
Diethyl Ether
Concen: 51.52 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 77203
Ion Ratio Lower Upper
74 100
45 83.0 42.1 126.4





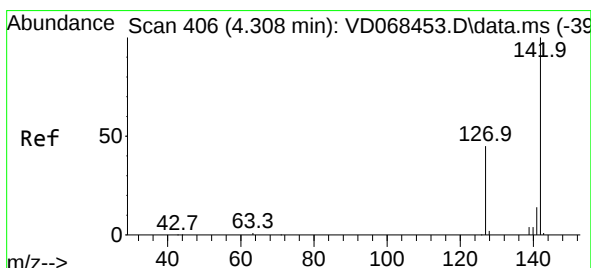
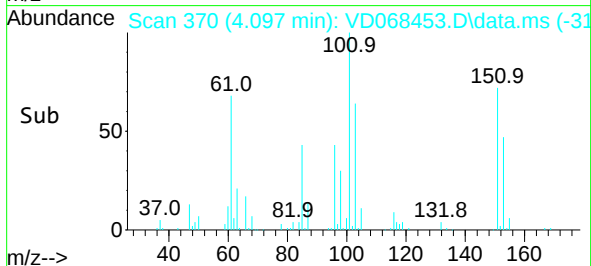
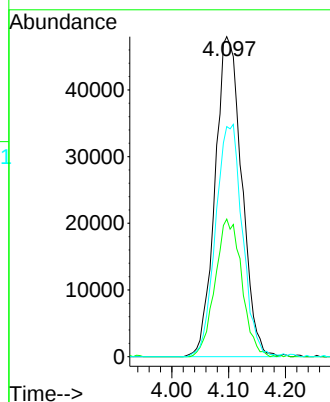
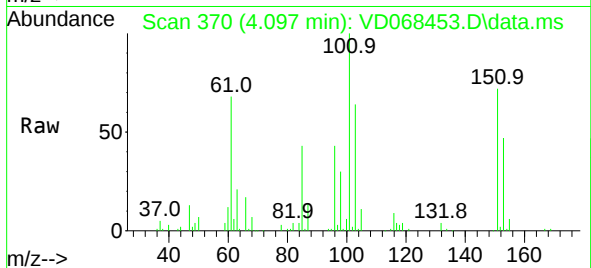
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.37 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:101 Resp: 156568
Ion Ratio Lower Upper
101 100
85 42.9 34.0 51.0
151 73.0 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

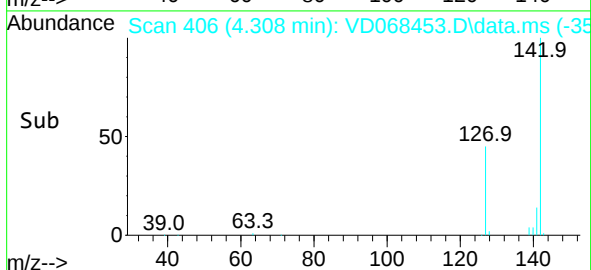
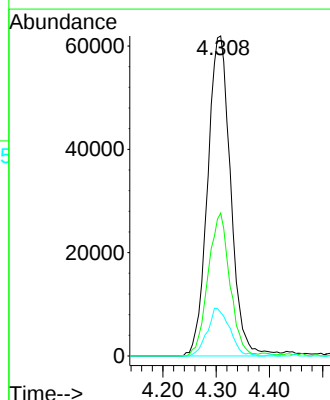
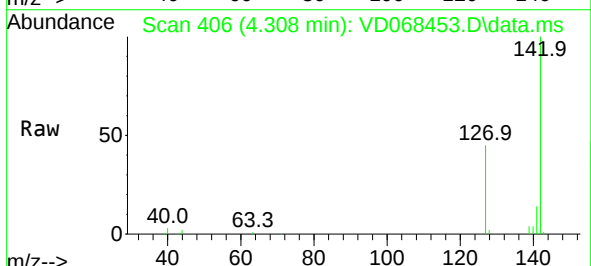
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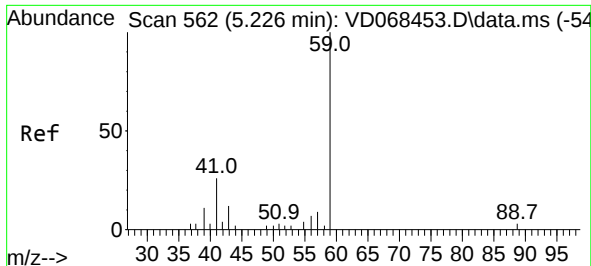
MMDadoda
3/1/2021 10:05:32 AM



#10
Methyl Iodide
Concen: 61.63 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

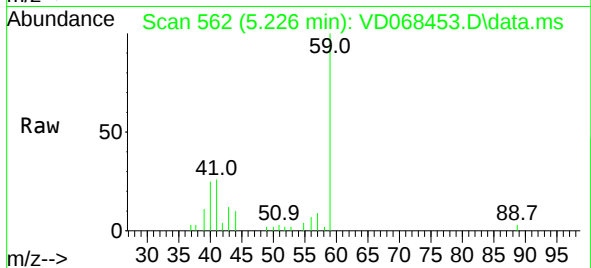
Tgt Ion:142 Resp: 185923
Ion Ratio Lower Upper
142 100
127 42.3 37.9 56.9
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 235.70 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

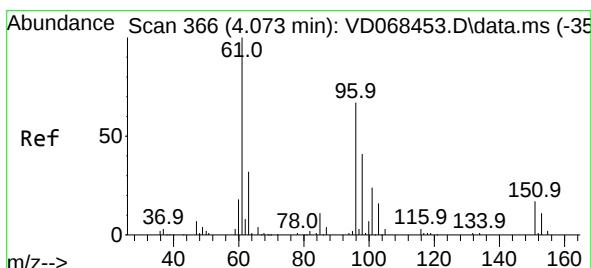
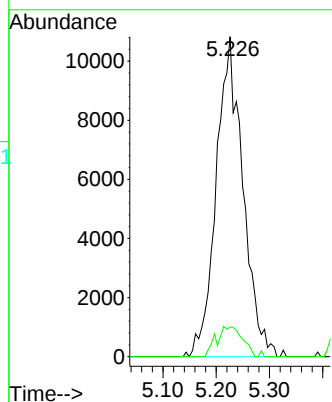
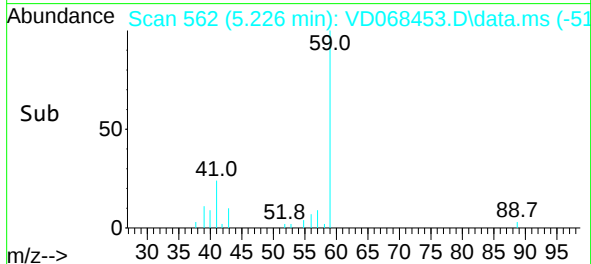
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



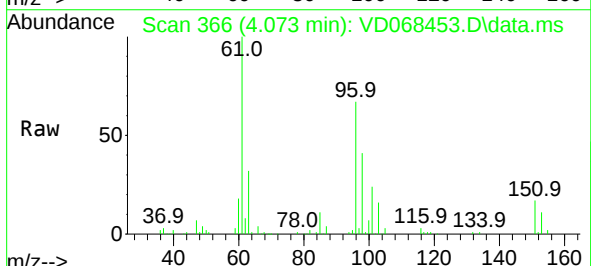
Tgt Ion: 59 Resp: 37749
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.2

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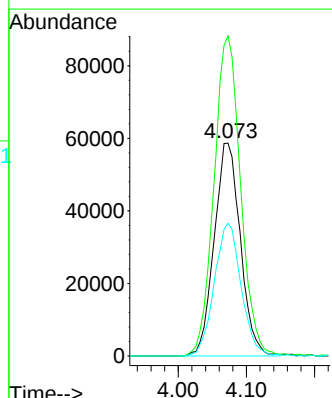
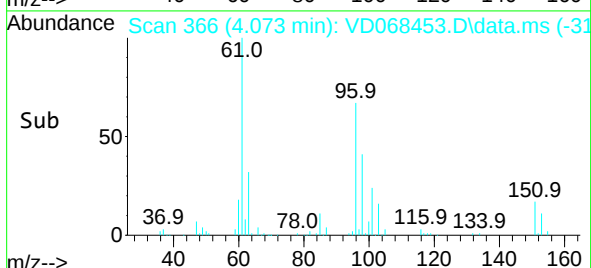
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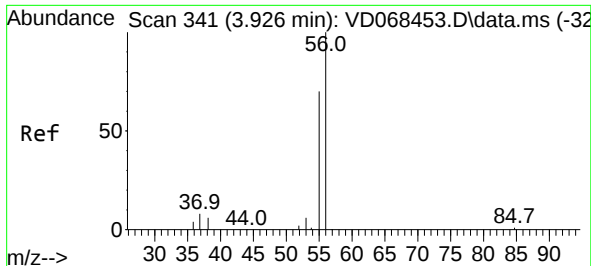


#12
1,1-Dichloroethene
Concen: 51.63 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



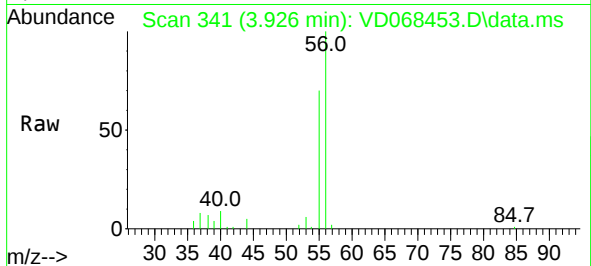
Tgt Ion: 96 Resp: 156550
Ion Ratio Lower Upper
96 100
61 150.3 116.2 174.4
98 62.3 48.6 73.0



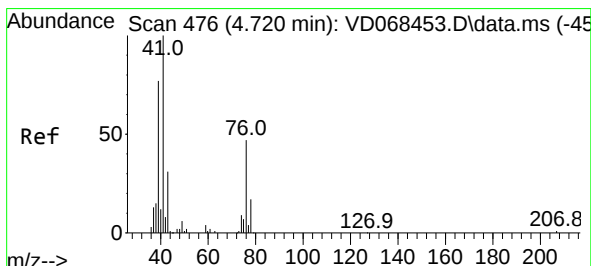
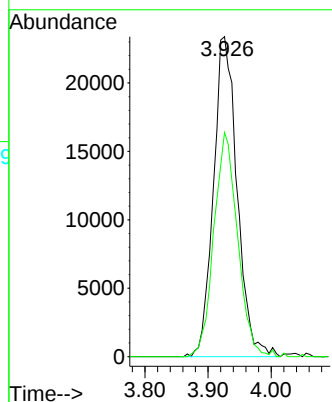
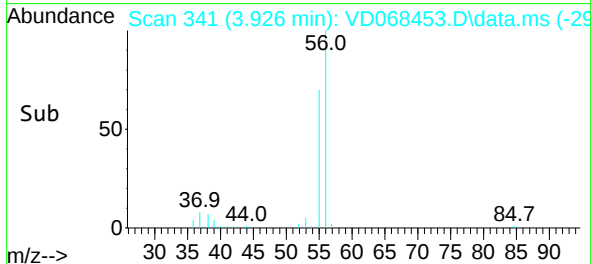


#13
Acrolein
Concen: 319.17 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

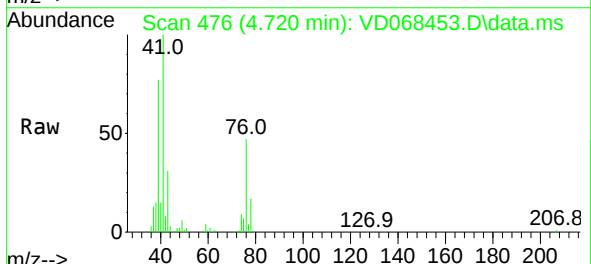
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



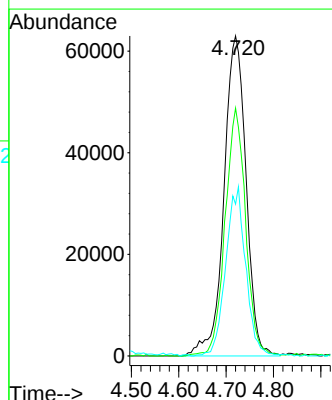
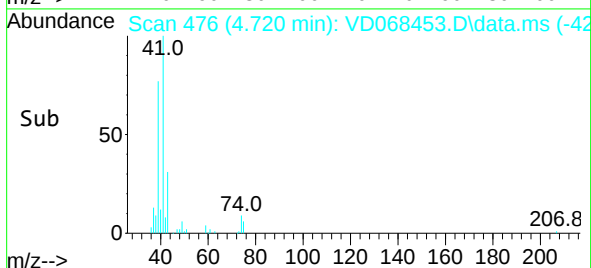
Tgt Ion: 56 Resp: 60923
Ion Ratio Lower Upper
56 100
55 70.0 56.5 84.7

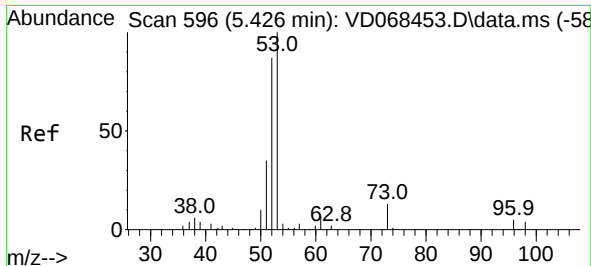


#14
Allyl chloride
Concen: 51.91 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

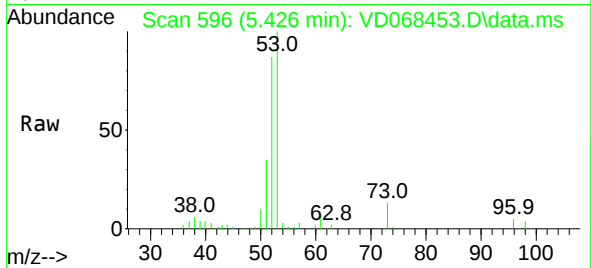


Tgt Ion: 41 Resp: 204215
Ion Ratio Lower Upper
41 100
39 72.1 56.3 84.5
76 48.1 38.9 58.3

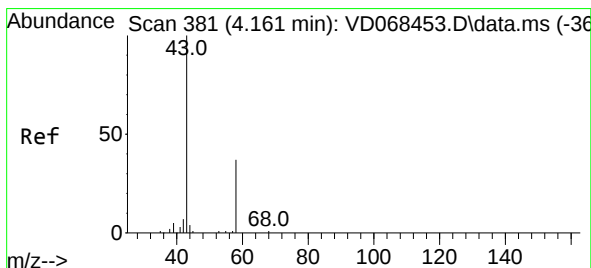
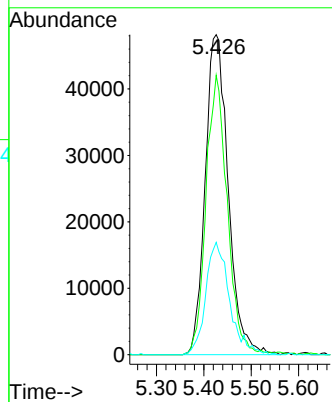
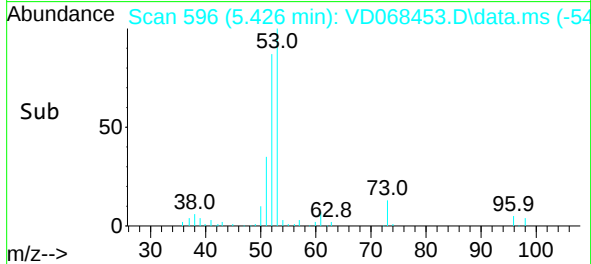




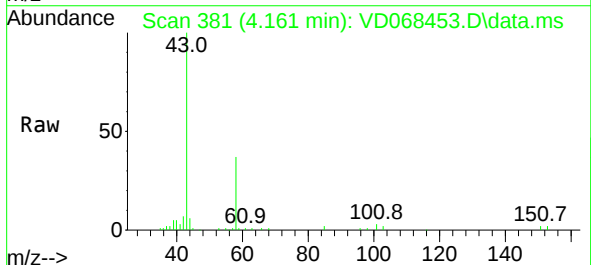
#15
Acrylonitrile
Concen: 252.77 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



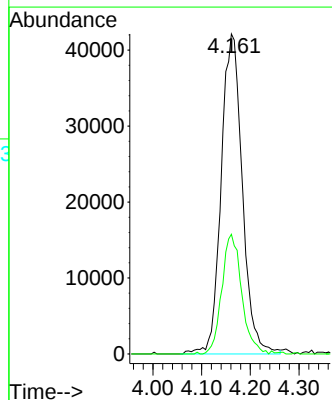
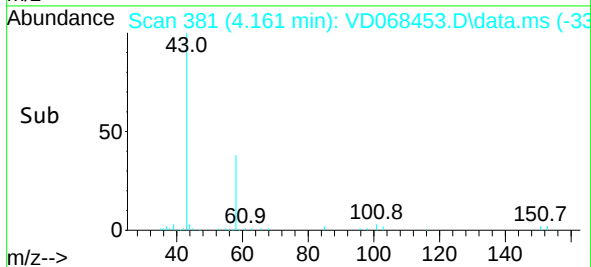
Tgt Ion: 53 Resp: 162683
Ion Ratio Lower Upper
53 100
52 80.9 66.2 99.2
51 36.3 29.0 43.4



#16
Acetone
Concen: 256.59 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



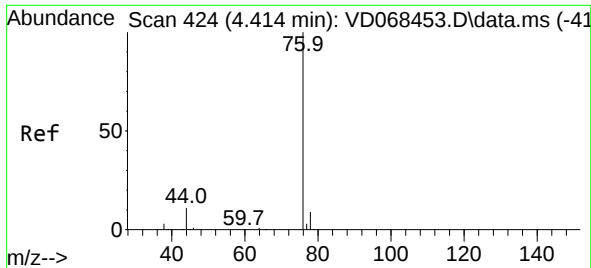
Tgt Ion: 43 Resp: 127388
Ion Ratio Lower Upper
43 100
58 37.4 24.2 36.4#



Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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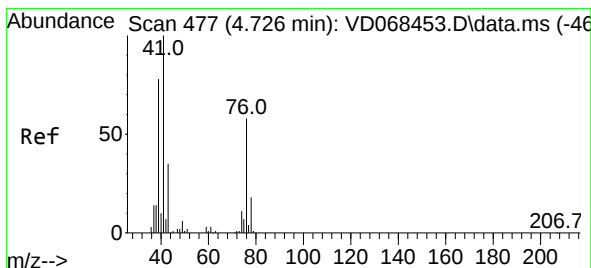
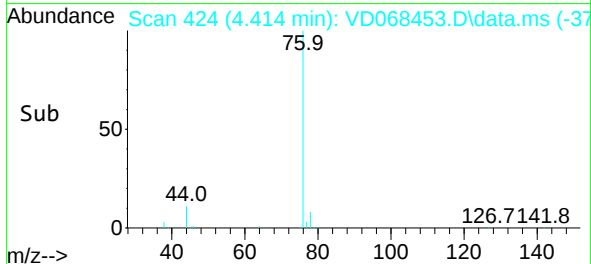
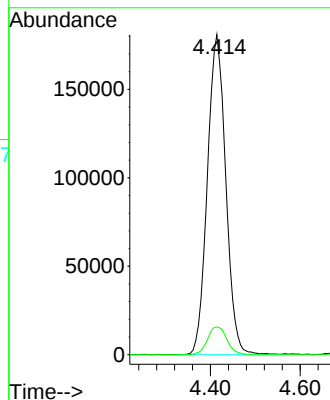
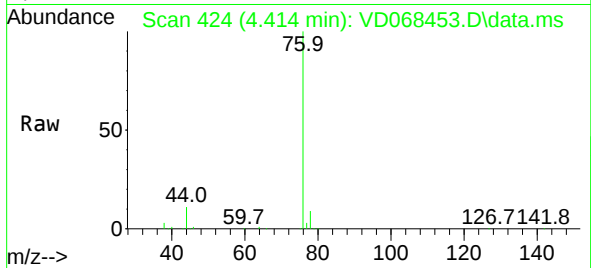
#17
Carbon Disulfide
Concen: 57.09 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 76 Resp: 515767
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

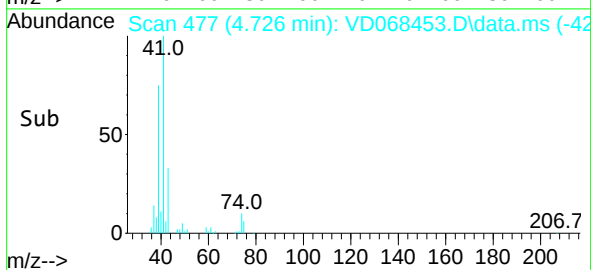
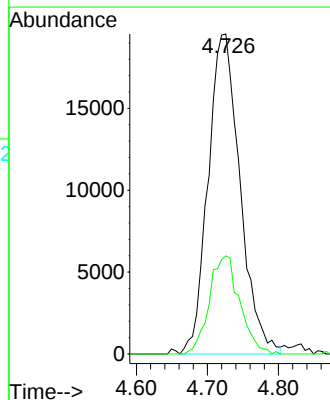
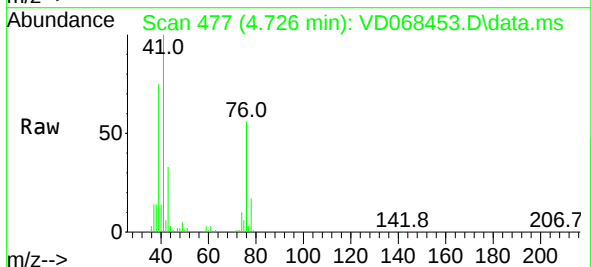
Manual Integrations
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#18
Methyl Acetate
Concen: 45.32 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

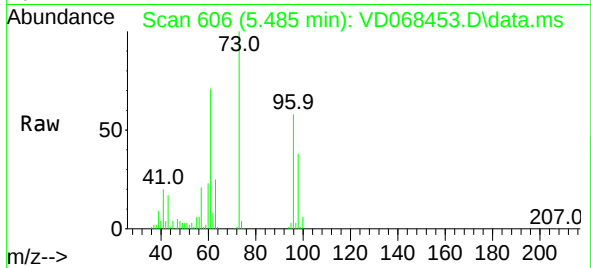
Tgt Ion: 43 Resp: 60960
Ion Ratio Lower Upper
43 100
74 29.2 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 49.49 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

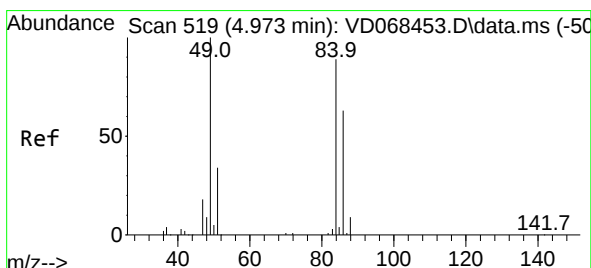
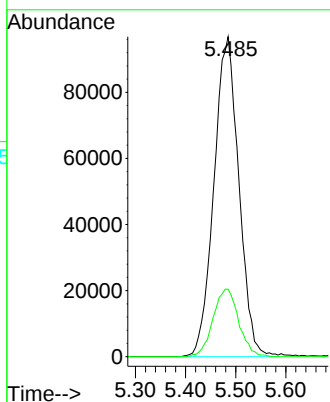
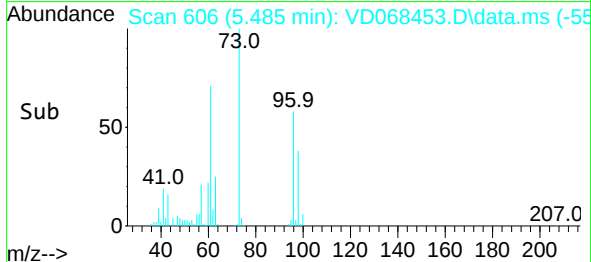
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



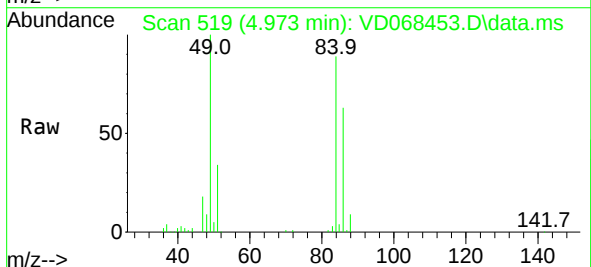
Tgt Ion: 73 Resp: 334017
Ion Ratio Lower Upper
73 100
57 21.1 14.4 21.6

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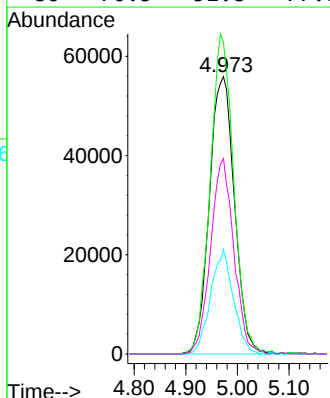
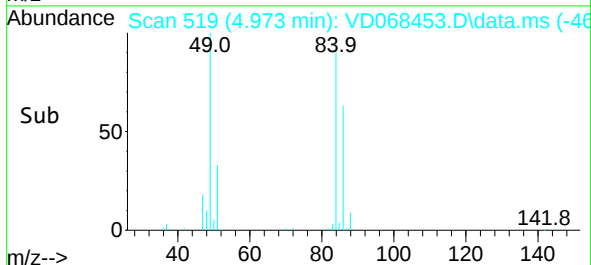
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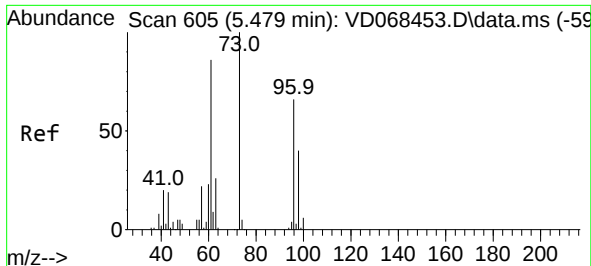


#20
Methylene Chloride
Concen: 47.22 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

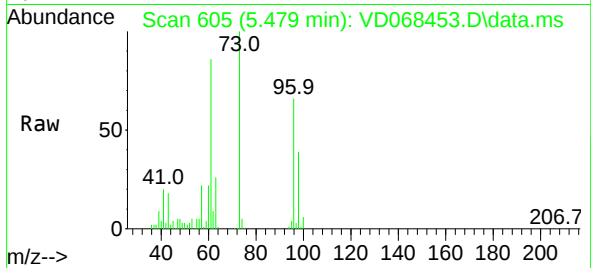


Tgt Ion: 84 Resp: 188476
Ion Ratio Lower Upper
84 100
49 112.3 77.4 116.2
51 37.6 26.1 39.1
86 70.5 51.8 77.8



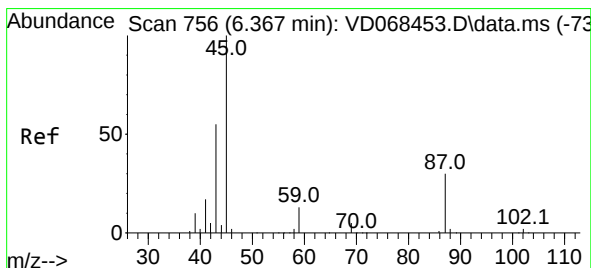
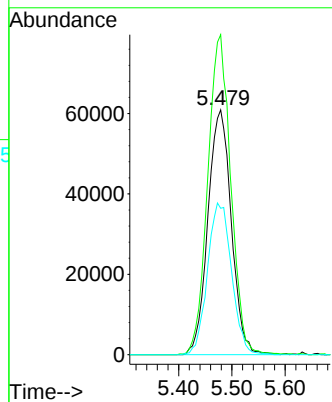
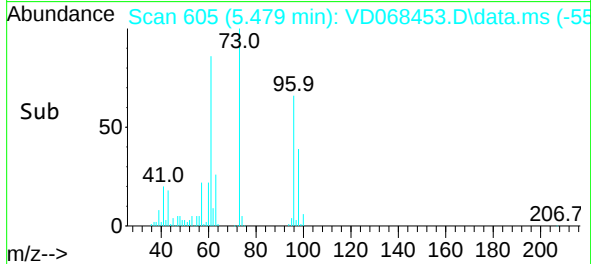


#21
trans-1,2-Dichloroethene
Concen: 52.73 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

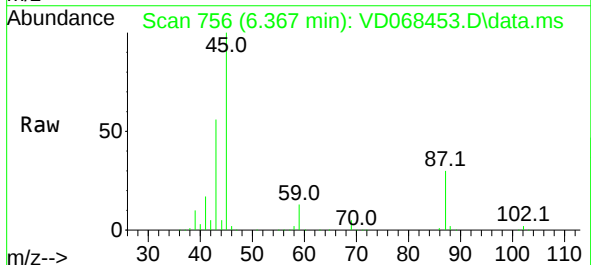


Tgt Ion: 96 Resp: 185913

Ion	Ratio	Lower	Upper
96	100		
61	130.4	96.7	145.1
98	59.8	47.6	71.4

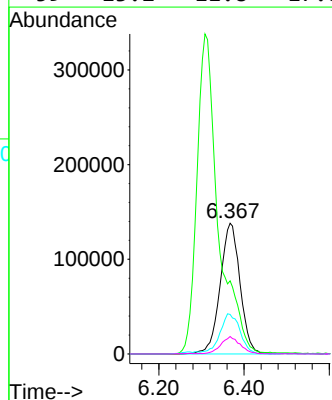
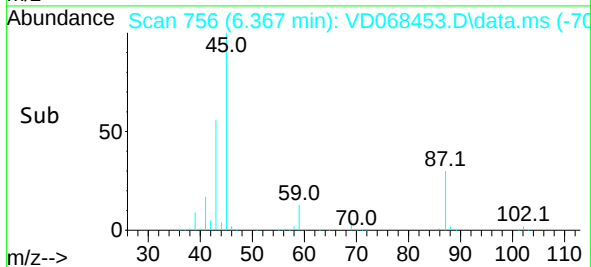


#22
Diisopropyl ether
Concen: 51.63 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion: 45 Resp: 448582

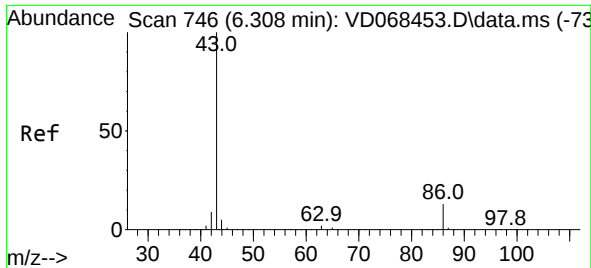
Ion	Ratio	Lower	Upper
45	100		
43	55.1	43.9	65.9
87	30.0	29.9	44.9
59	13.2	11.8	17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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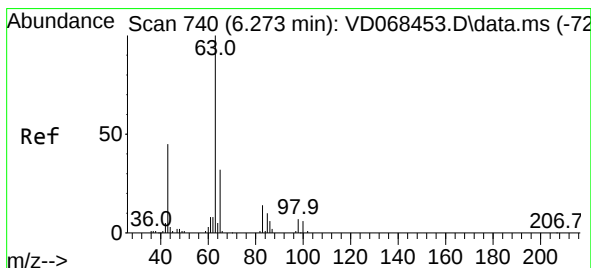
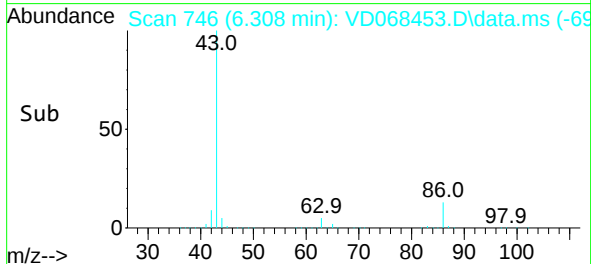
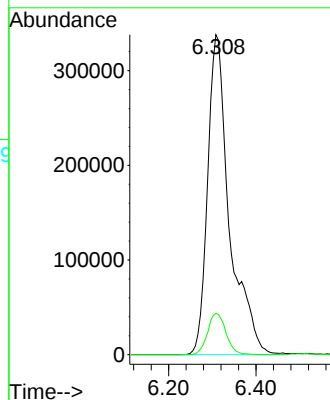
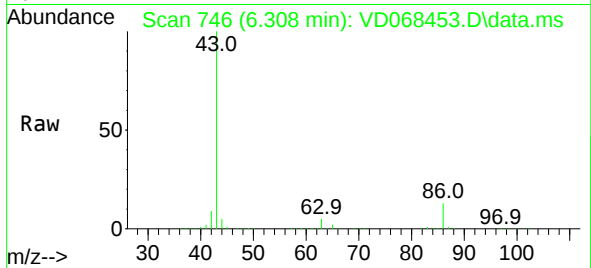
#23
 Vinyl Acetate
 Concen: 262.89 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068453.D
 Acq: 26 Feb 2021 12:26

Tgt Ion: 43 Resp: 1175764
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

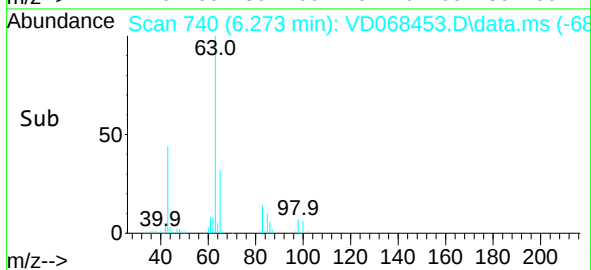
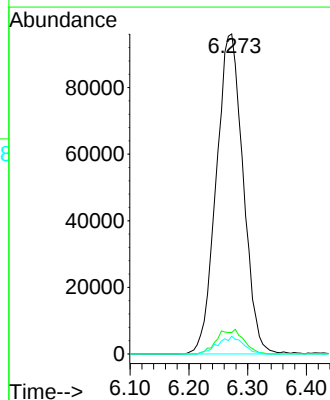
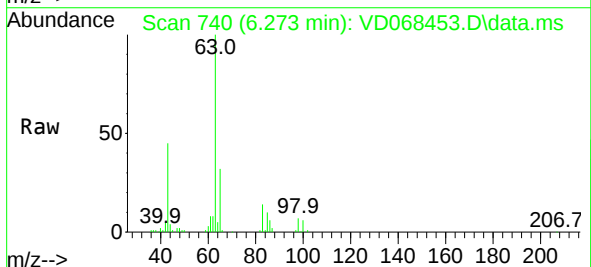
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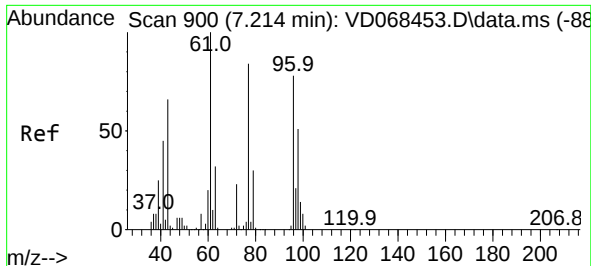
MMDadoda
 3/1/2021 10:05:32 AM



#24
 1,1-Dichloroethane
 Concen: 51.32 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068453.D
 Acq: 26 Feb 2021 12:26

Tgt Ion: 63 Resp: 304548
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.5 2.6 8.0





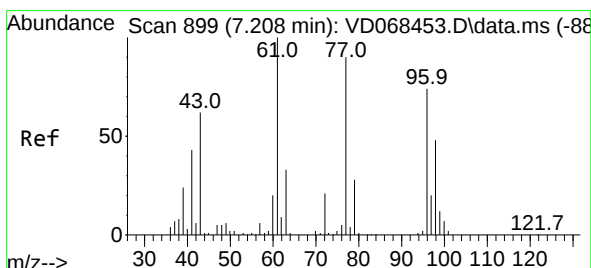
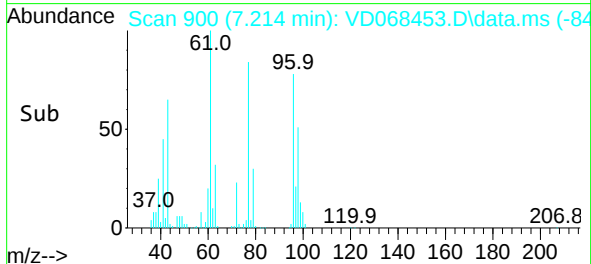
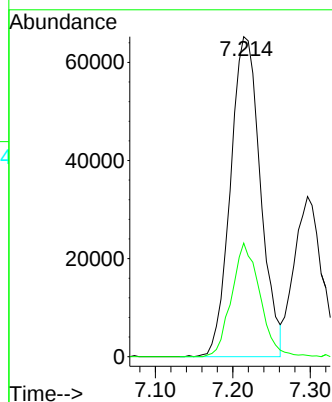
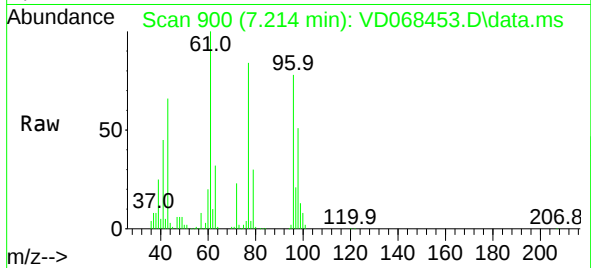
#25
2-Butanone
Concen: 253.27 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 43 Resp: 176012
Ion Ratio Lower Upper
43 100
72 35.5 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

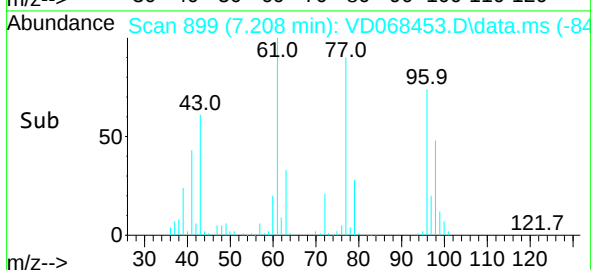
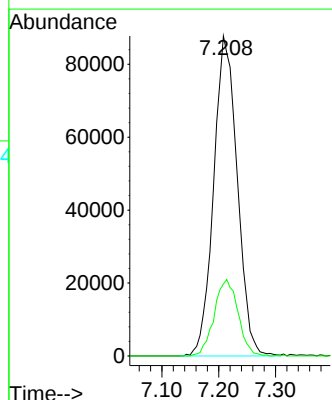
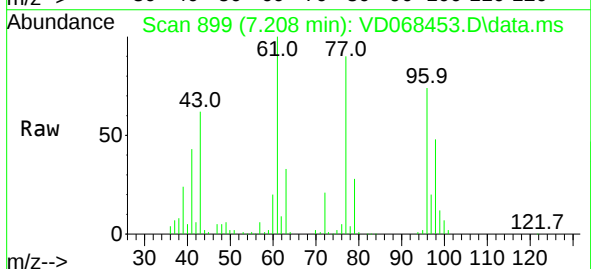
Manual Integrations
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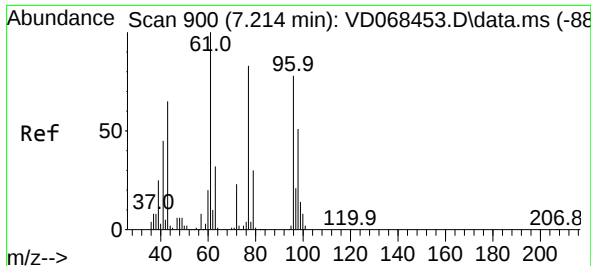
MMDadoda
3/1/2021 10:05:32 AM



#26
2,2-Dichloropropane
Concen: 49.98 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

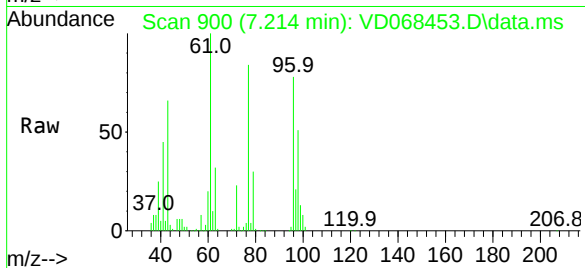
Tgt Ion: 77 Resp: 253233
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 51.36 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

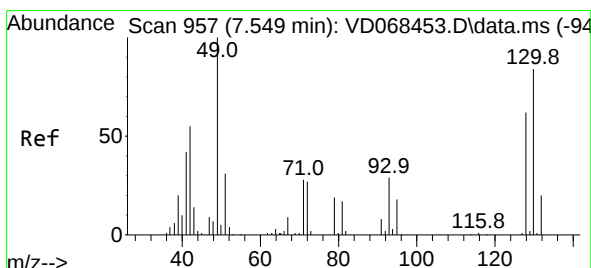
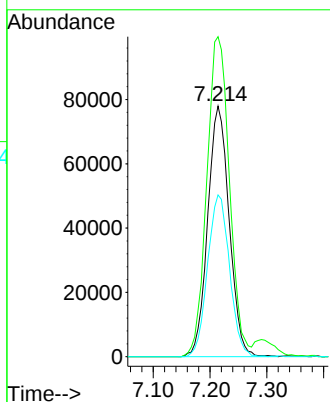
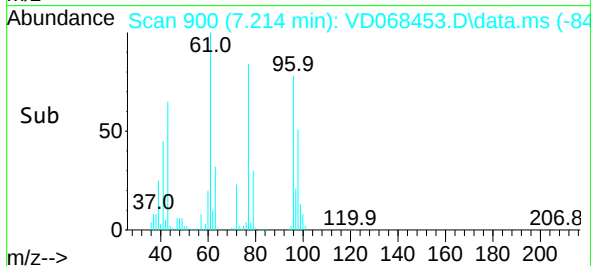
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



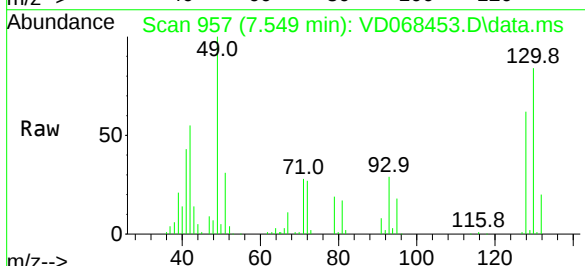
Tgt Ion: 96 Resp: 204588
Ion Ratio Lower Upper
96 100
61 134.5 0.0 257.4
98 66.0 0.0 126.6

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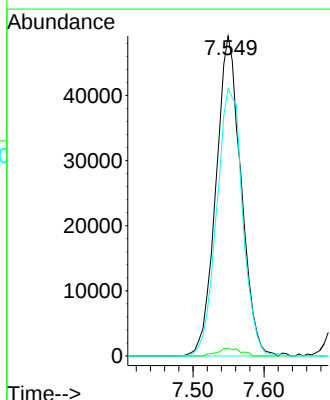
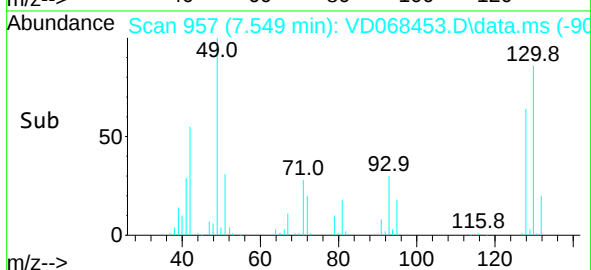
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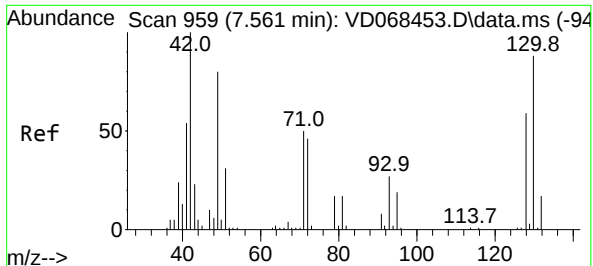


#28
Bromochloromethane
Concen: 49.41 ug/l
RT: 7.549 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion: 49 Resp: 120091
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 86.9 85.5 128.3





#29

Tetrahydrofuran

Concen: 254.92 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068453.D

Acq: 26 Feb 2021 12:26

Tgt Ion: 42 Resp: 115196

Ion Ratio Lower Upper

42 100

72 50.2 43.4 65.0

71 49.1 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

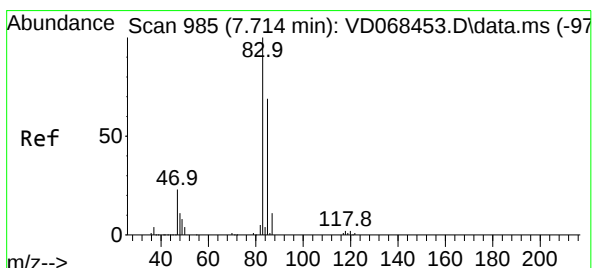
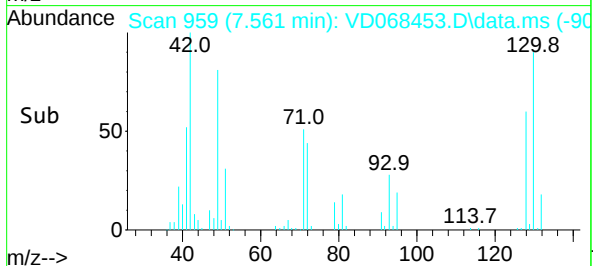
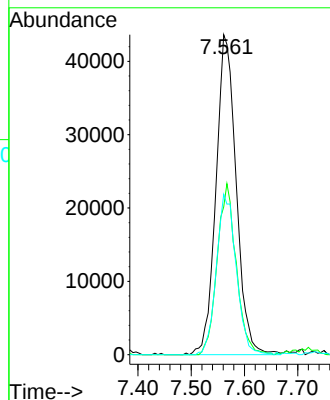
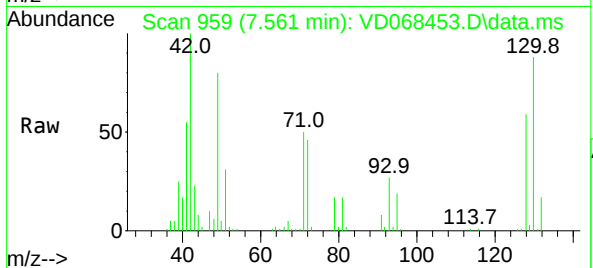
VSTDICCC050

Manual Integrations

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#30

Chloroform

Concen: 51.57 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.000 min

Lab File: VD068453.D

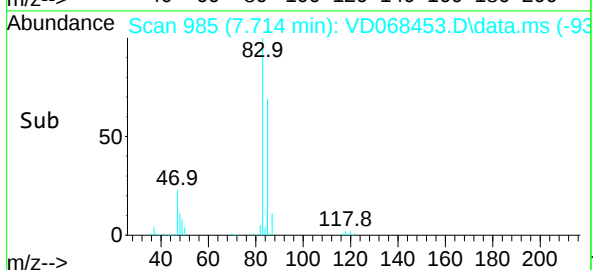
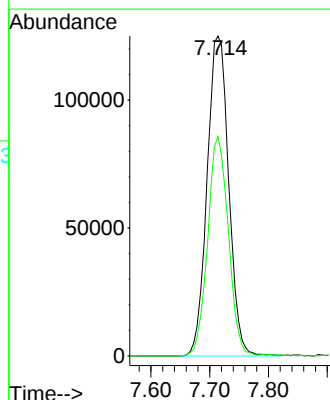
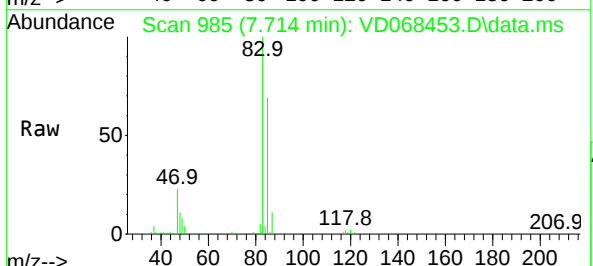
Acq: 26 Feb 2021 12:26

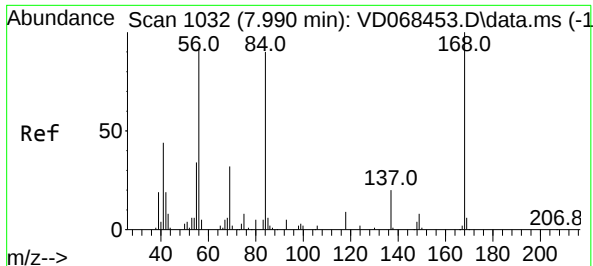
Tgt Ion: 83 Resp: 319359

Ion Ratio Lower Upper

83 100

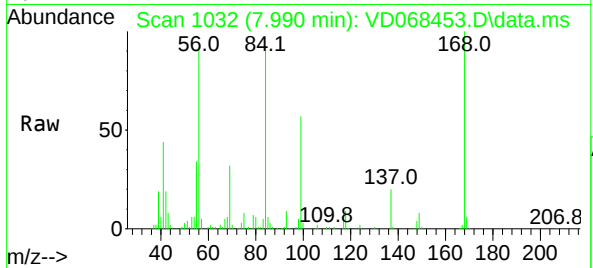
85 68.6 53.4 80.0





#31
Cyclohexane
Concen: 50.32 ug/l
RT: 7.990 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

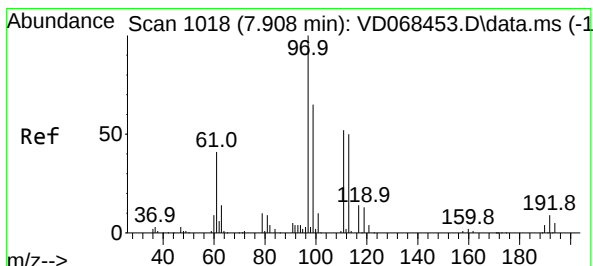
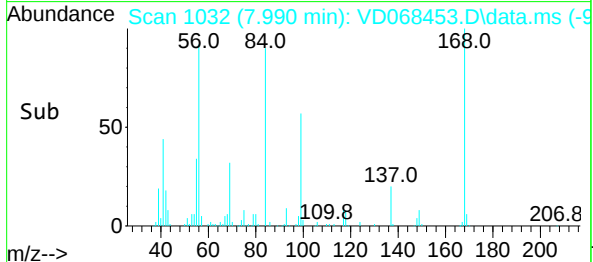
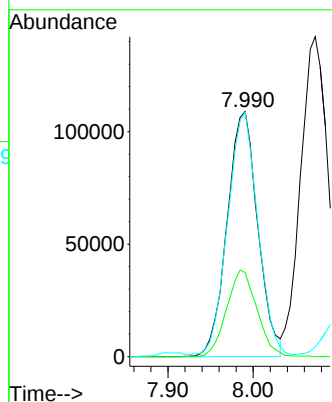
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 271944
Ion Ratio Lower Upper
56 100
69 34.3 30.1 45.1
84 97.9 82.1 123.1

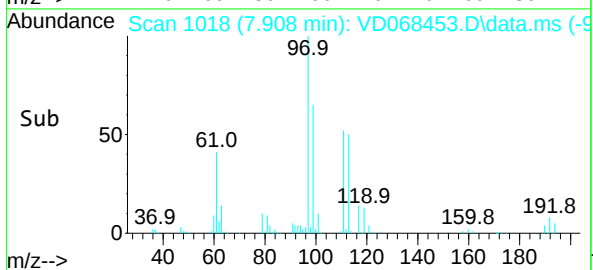
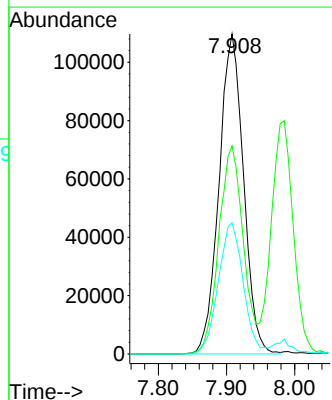
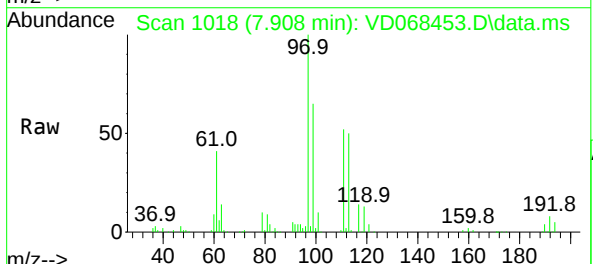
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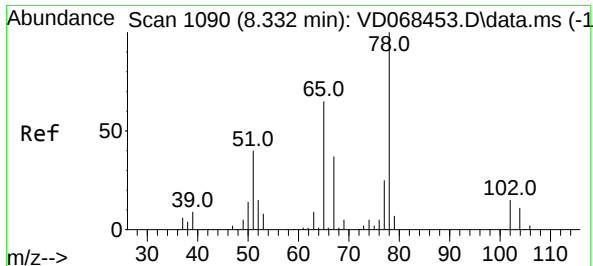
MMDadoda
3/1/2021 10:05:32 AM



#32
1,1,1-Trichloroethane
Concen: 51.38 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 97 Resp: 274329
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 41.9 30.1 45.1





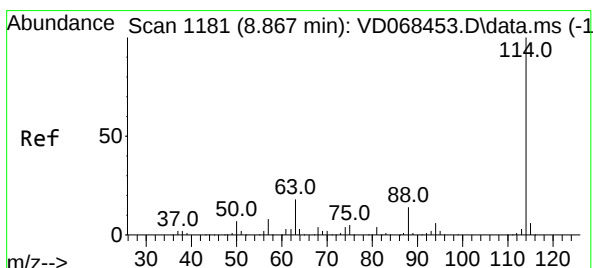
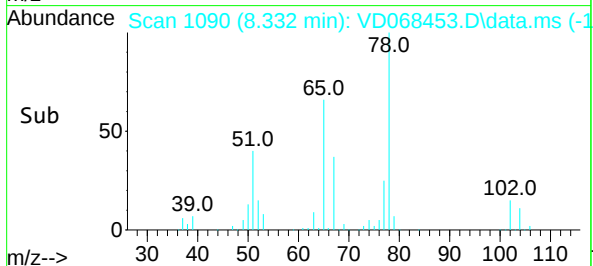
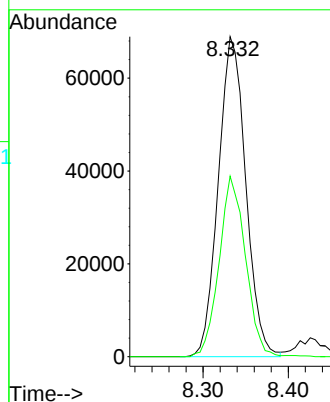
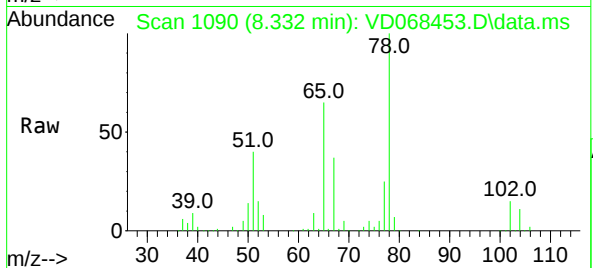
#33
1,2-Dichloroethane-d4
Concen: 48.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 65 Resp: 154312
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

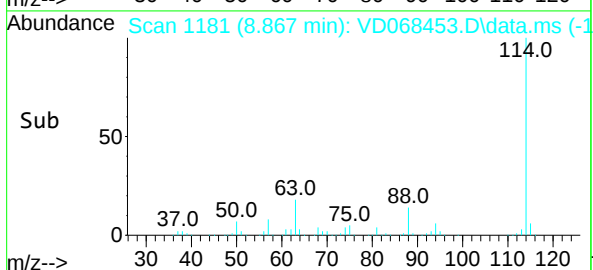
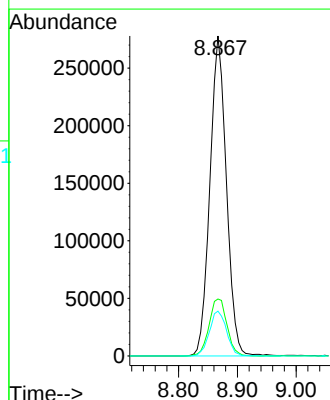
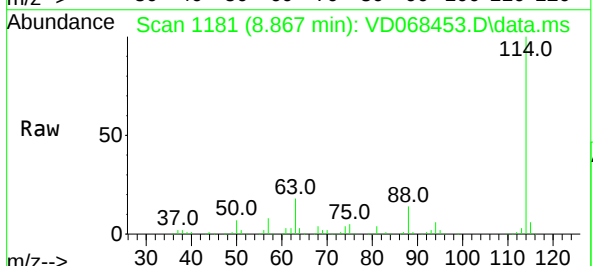
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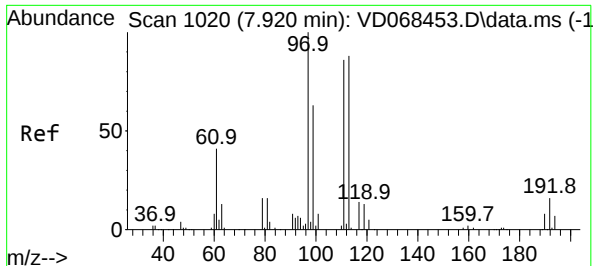
MMDadoda
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 114 Resp: 541409
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.8
88 14.0 0.0 31.6





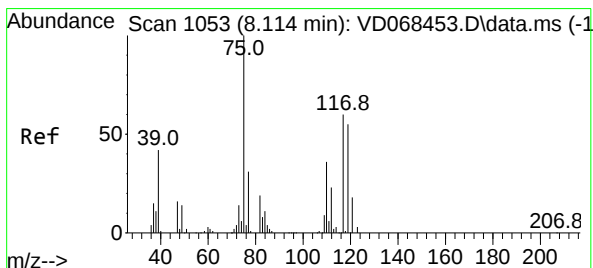
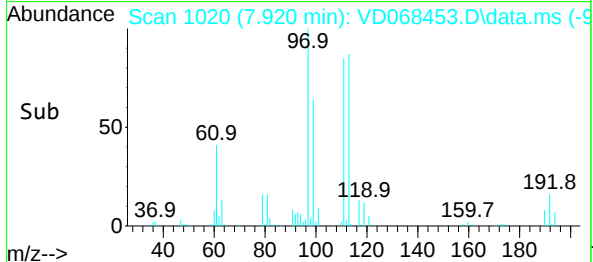
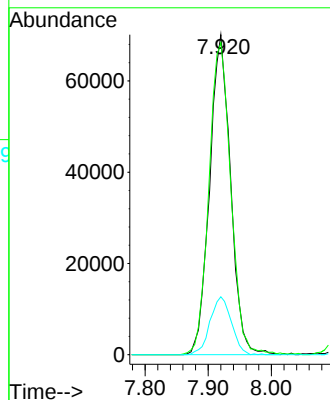
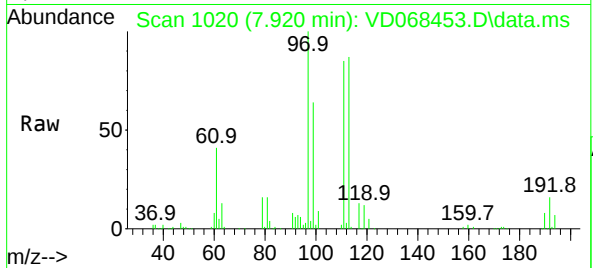
#35
Dibromofluoromethane
Concen: 50.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 113 Resp: 161421
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.5 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

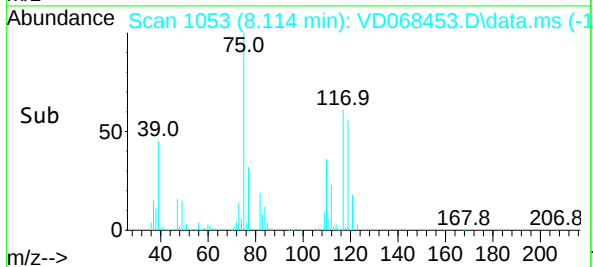
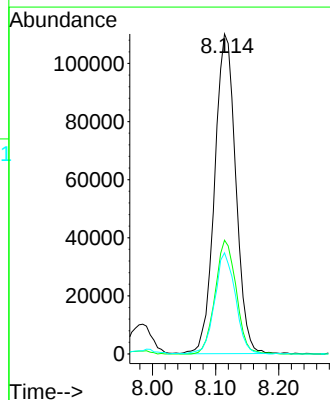
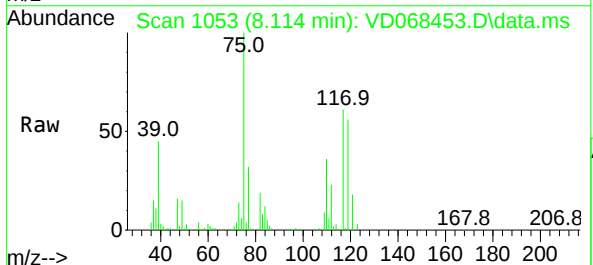
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 52.10 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

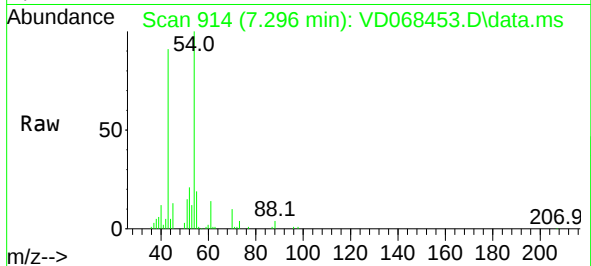
Tgt Ion: 75 Resp: 255644
Ion Ratio Lower Upper
75 100
110 35.4 19.4 58.2
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 50.10 ug/l
RT: 7.296 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

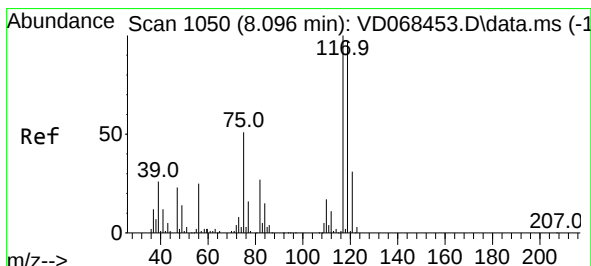
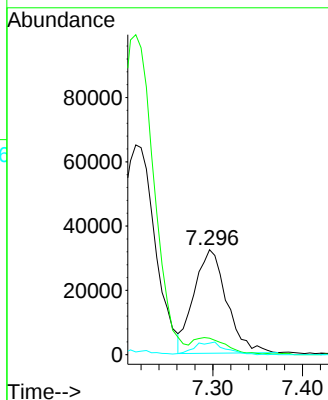
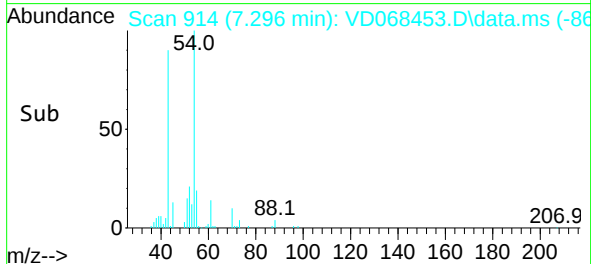
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



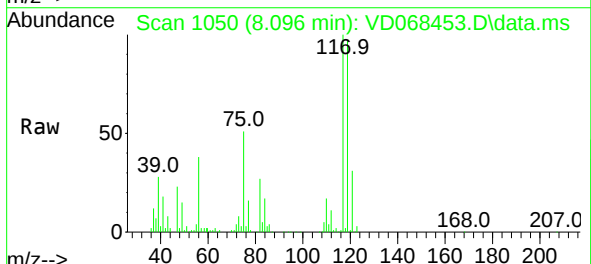
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.9	19.3
70	11.7	11.0	16.6

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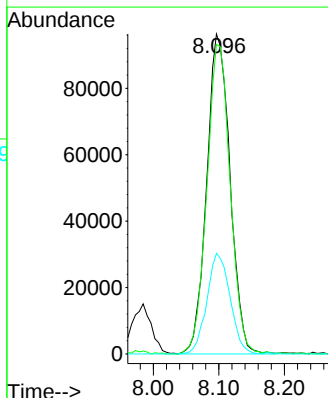
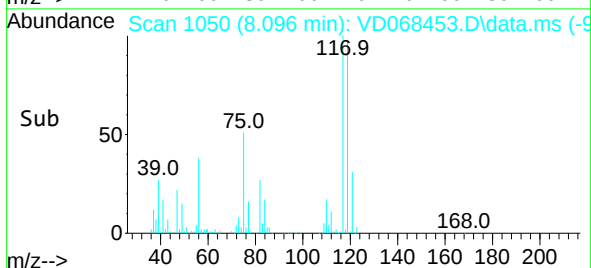
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#38
Carbon Tetrachloride
Concen: 51.38 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.3	115.9
121	31.5	24.7	37.1





#39

Methylcyclohexane

Concen: 53.40 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068453.D

Acq: 26 Feb 2021 12:26

Tgt Ion:	83	Resp:	322424
Ion	Ratio	Lower	Upper
83	100		
55	70.6	55.2	82.8
98	50.6	39.1	58.7

Instrument :

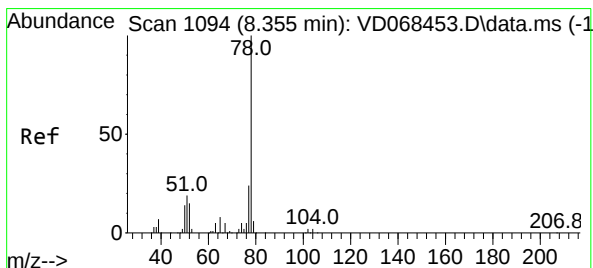
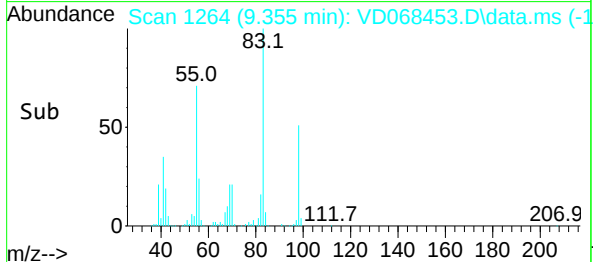
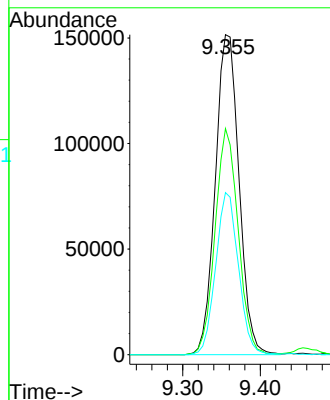
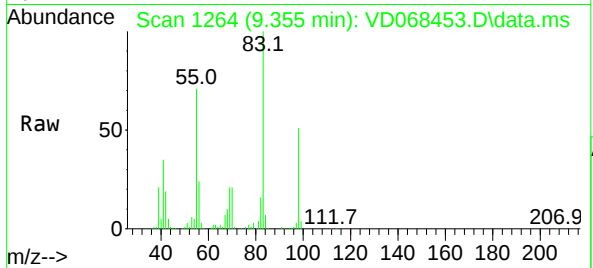
MSVOA_D

ClientSampleId :

VSTDICCC050

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#40

Benzene

Concen: 52.22 ug/l

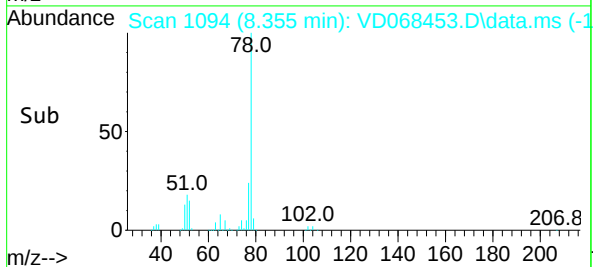
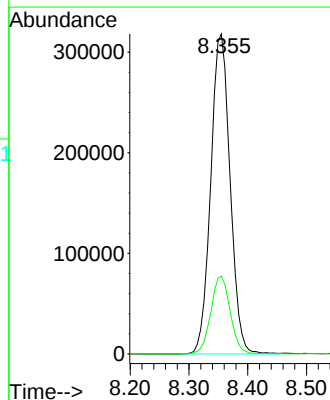
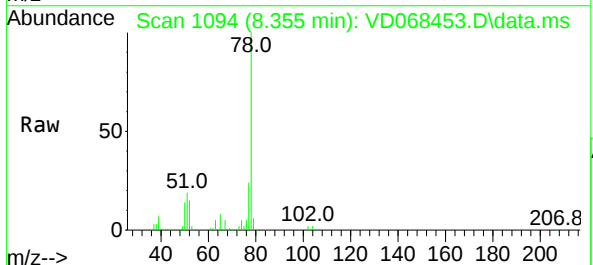
RT: 8.355 min Scan# 1094

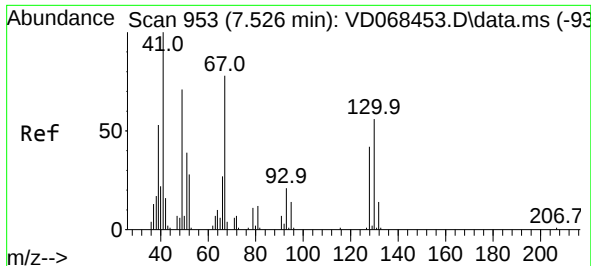
Delta R.T. 0.000 min

Lab File: VD068453.D

Acq: 26 Feb 2021 12:26

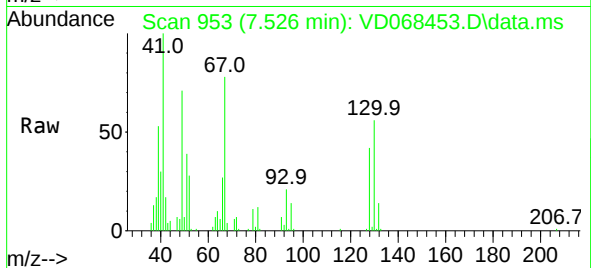
Tgt Ion:	78	Resp:	727161
Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.8	26.6





#41
Methacrylonitrile
Concen: 49.58 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

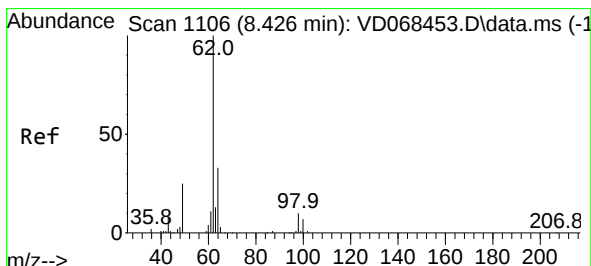
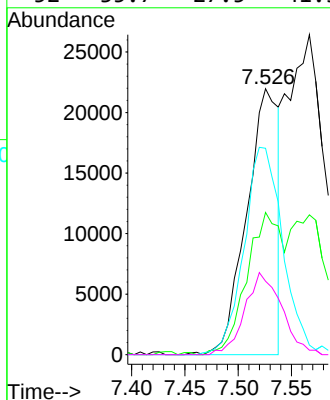
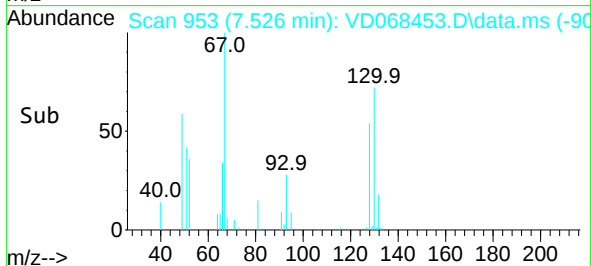
Instrument :
MSVOA_D
ClientSampleID :
VSTDICCC050



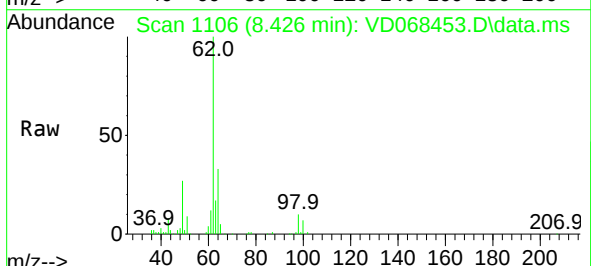
Tgt Ion:	41	Resp:	45723
Ion Ratio	100	Lower	Upper
39	59.6	45.2	67.8
67	95.9	67.4	101.2
52	35.7	27.5	41.3

Manual Integrations
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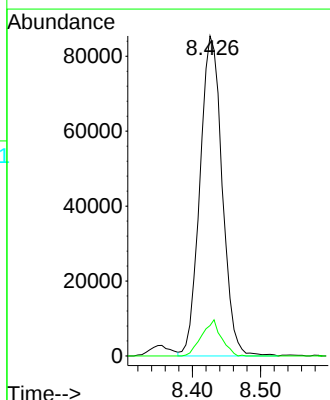
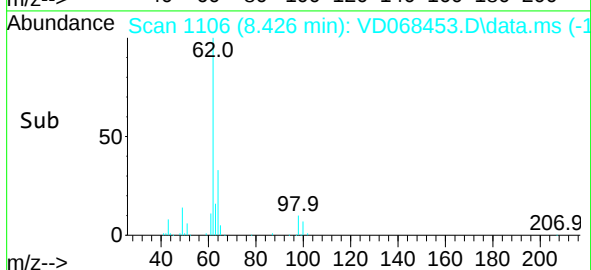
MMDadoda
3/1/2021 10:05:32 AM



#42
1,2-Dichloroethane
Concen: 52.27 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion:	62	Resp:	193736
Ion Ratio	100	Lower	Upper
98	9.9	0.0	21.8





#43

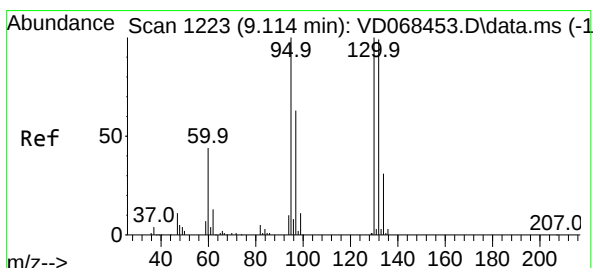
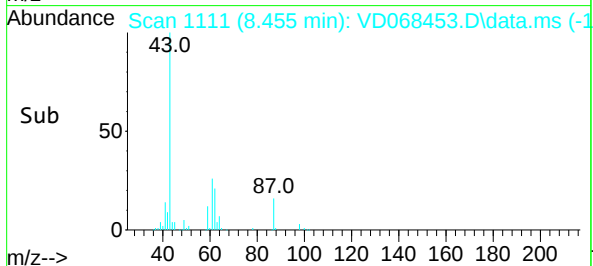
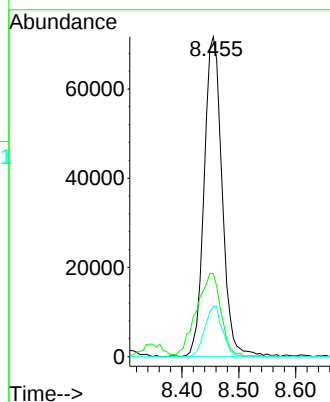
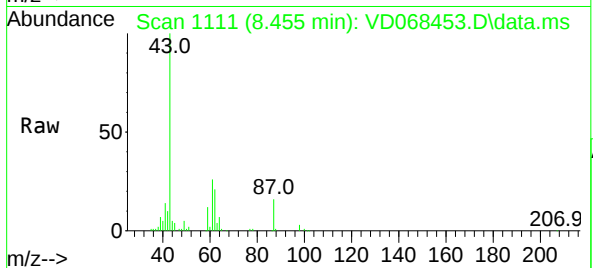
Isopropyl Acetate
Concen: 50.64 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	34.9	28.7	43.1
87	15.6	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

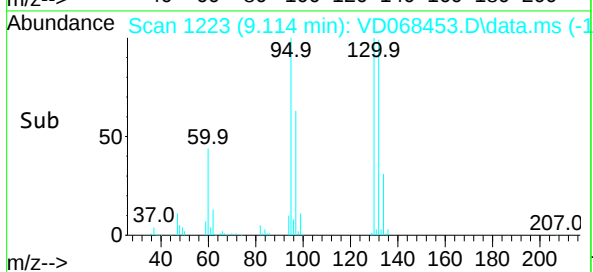
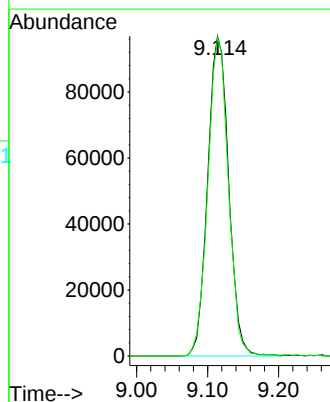
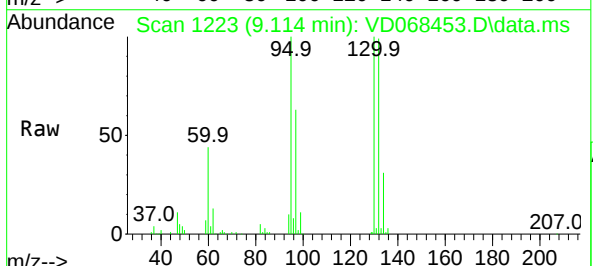
MMDadoda
3/1/2021 10:05:32 AM

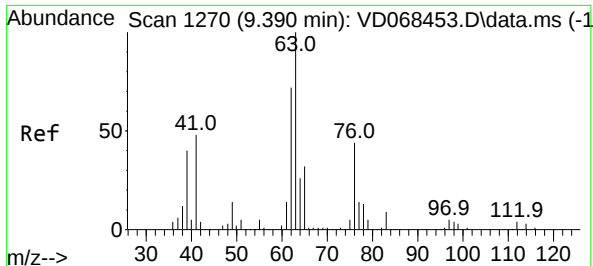


#44

Trichloroethene
Concen: 52.51 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	191.2





#45

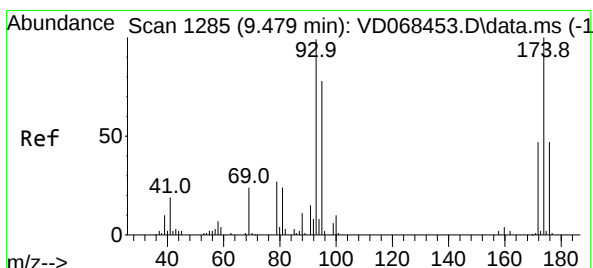
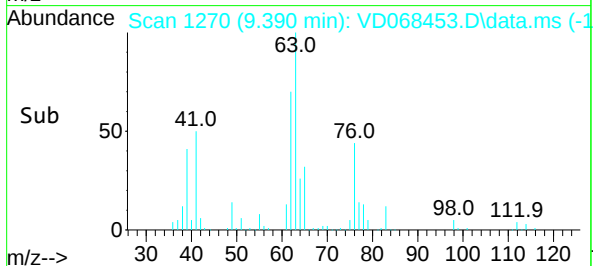
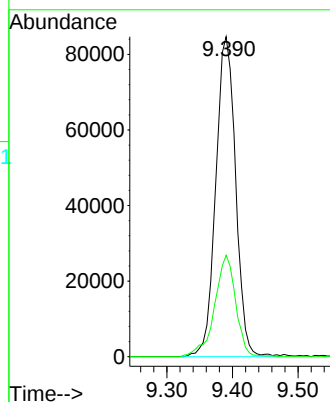
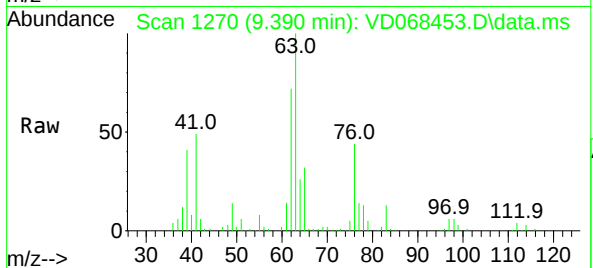
1,2-Dichloropropane
Concen: 52.29 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 63 Resp: 177734
Ion Ratio Lower Upper
63 100
65 31.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

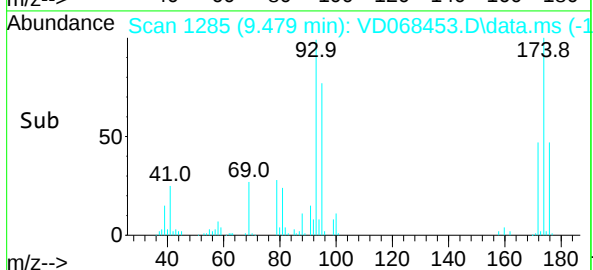
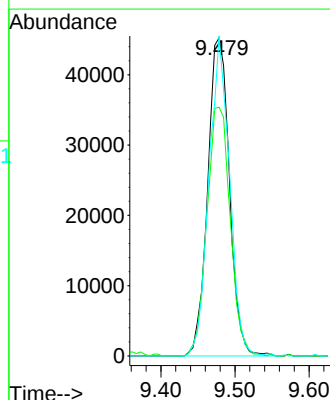
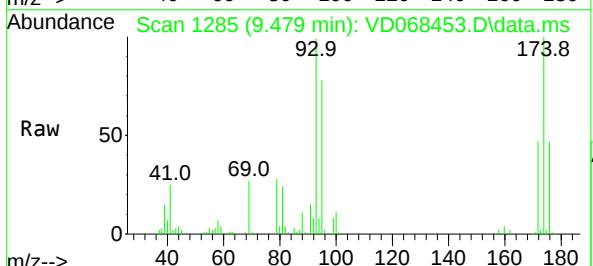
MMDadoda
3/1/2021 10:05:32 AM

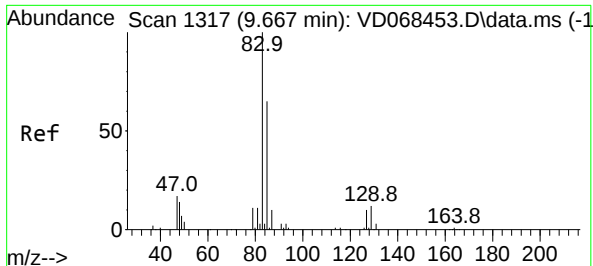


#46

Dibromomethane
Concen: 50.34 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 93 Resp: 92115
Ion Ratio Lower Upper
93 100
95 84.0 67.3 100.9
174 95.1 84.6 127.0





#47

Bromodichloromethane

Concen: 51.94 ug/l

RT: 9.667 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VD068453.D

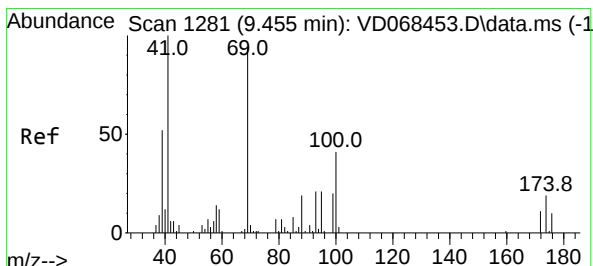
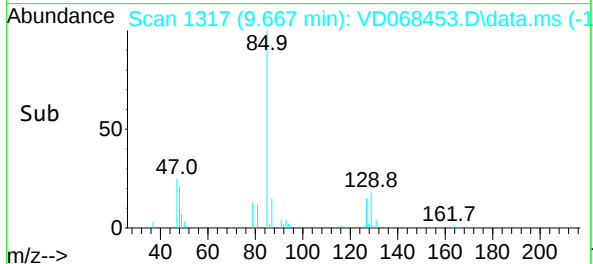
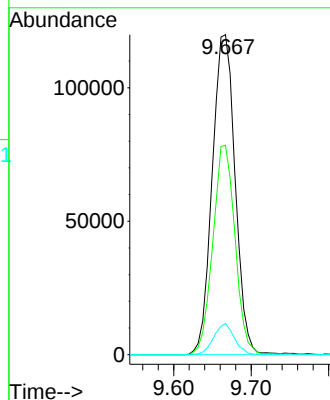
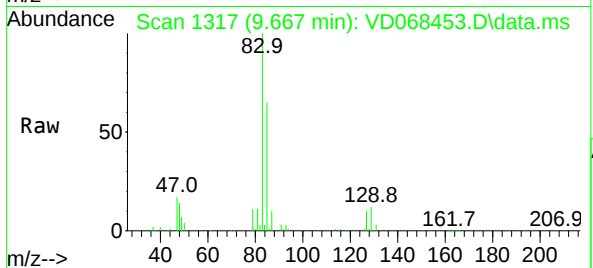
Acq: 26 Feb 2021 12:26

Tgt Ion:	83	Resp:	246465
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4
127	9.8	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
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3/1/2021 10:05:32 AM



#48

Methyl methacrylate

Concen: 51.93 ug/l

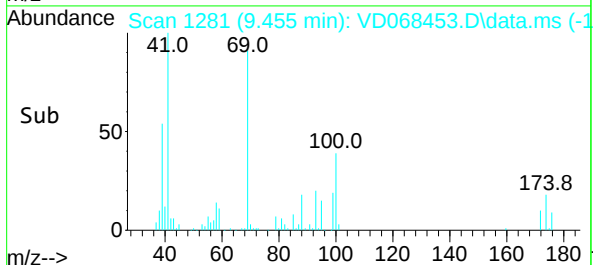
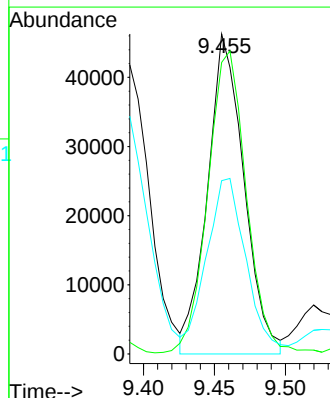
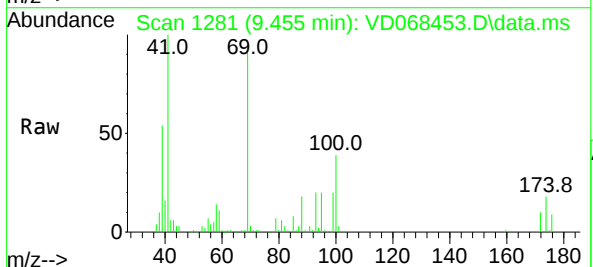
RT: 9.455 min Scan# 1281

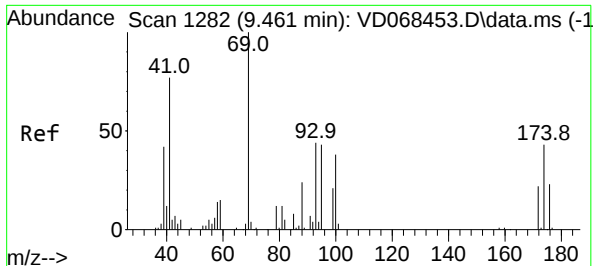
Delta R.T. 0.000 min

Lab File: VD068453.D

Acq: 26 Feb 2021 12:26

Tgt Ion:	41	Resp:	82272
Ion	Ratio	Lower	Upper
41	100		
69	100.2	77.1	115.7
39	53.6	41.5	62.3





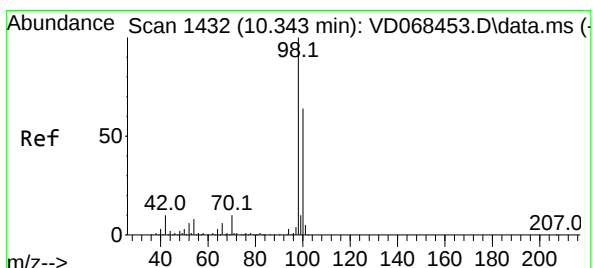
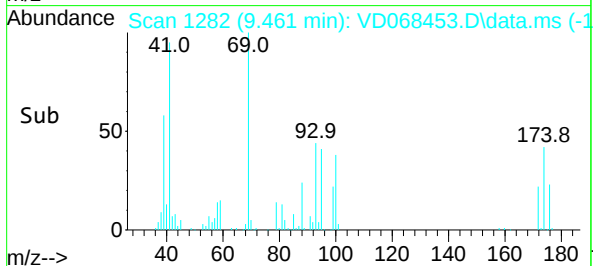
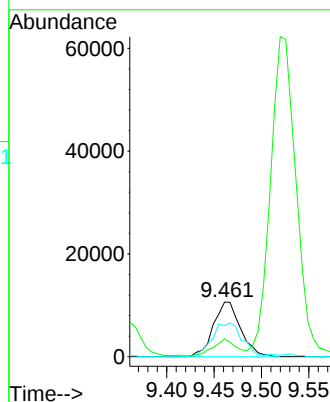
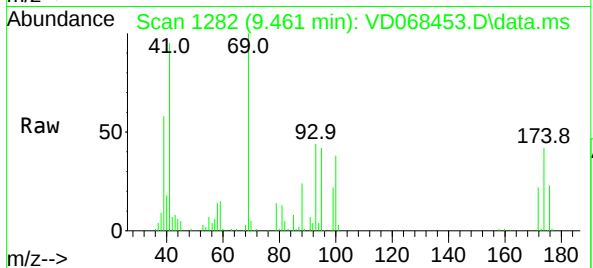
#49
1,4-Dioxane
Concen: 1001.69 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 88 Resp: 21253
Ion Ratio Lower Upper
88 100
43 29.0 22.1 33.1
58 68.1 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

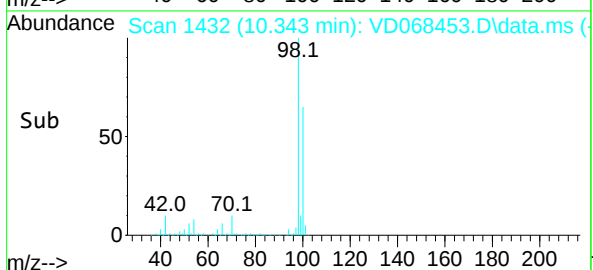
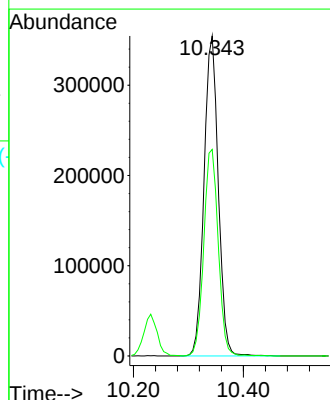
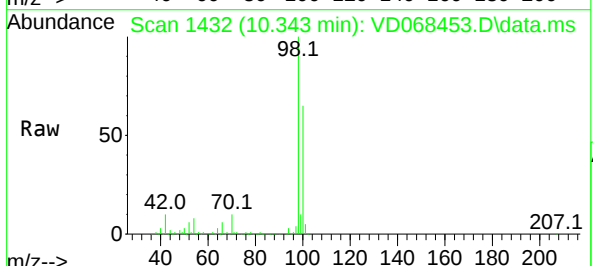
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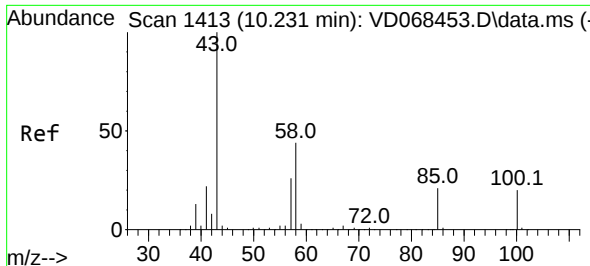
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3/1/2021 10:05:32 AM



#50
Toluene-d8
Concen: 48.37 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 98 Resp: 637777
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





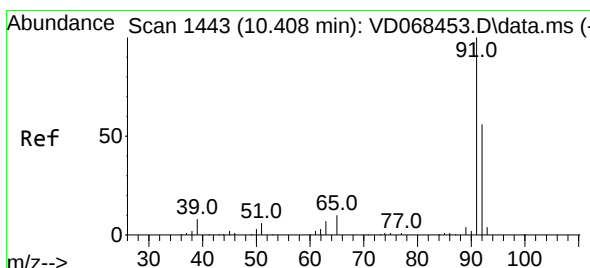
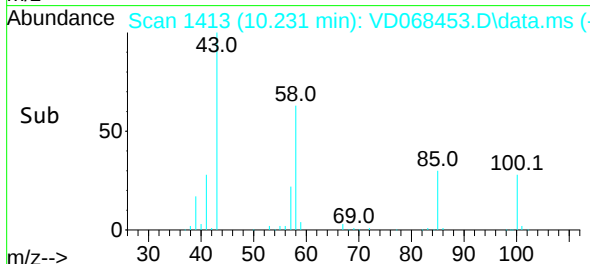
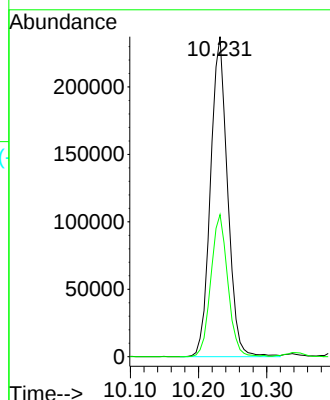
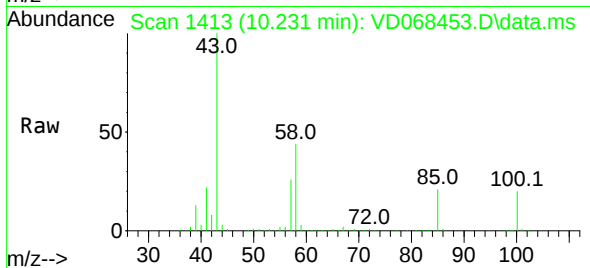
#51
4-Methyl-2-Pentanone
Concen: 257.85 ug/l
RT: 10.231 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 43 Resp: 413464
Ion Ratio Lower Upper
43 100
58 44.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

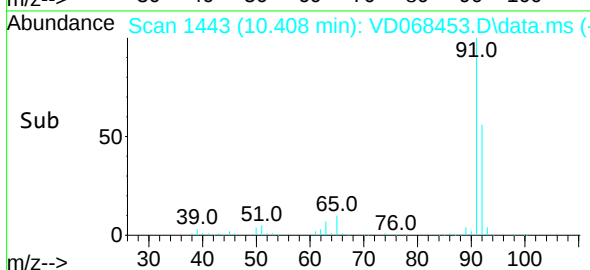
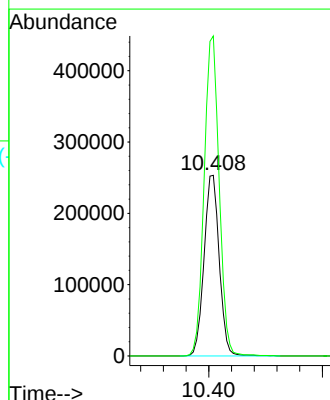
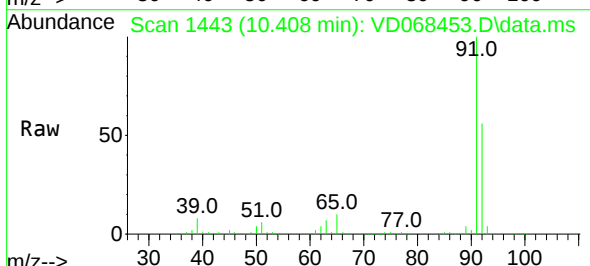
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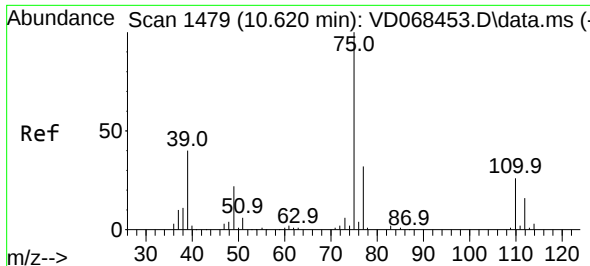
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3/1/2021 10:05:32 AM



#52
Toluene
Concen: 52.29 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 92 Resp: 468538
Ion Ratio Lower Upper
92 100
91 175.5 134.1 201.1





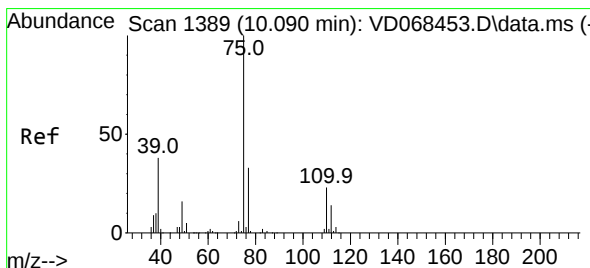
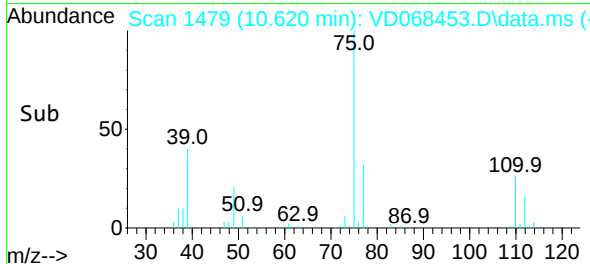
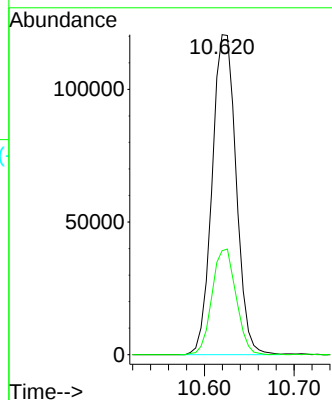
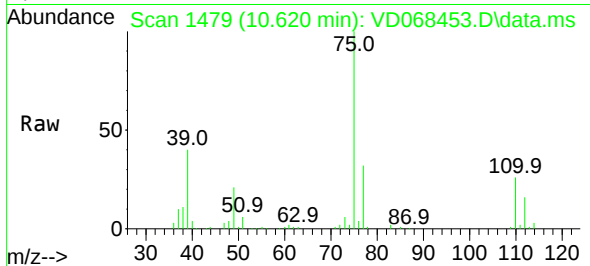
#53
t-1,3-Dichloropropene
Concen: 51.24 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 75 Resp: 224318
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

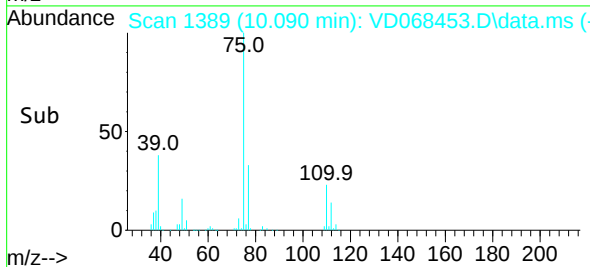
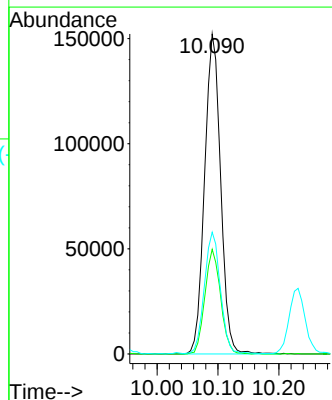
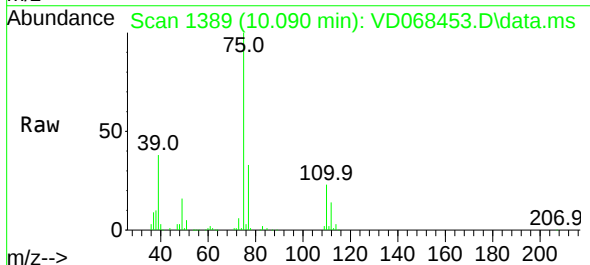
Manual Integrations
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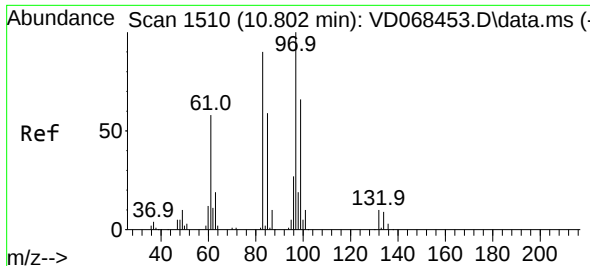
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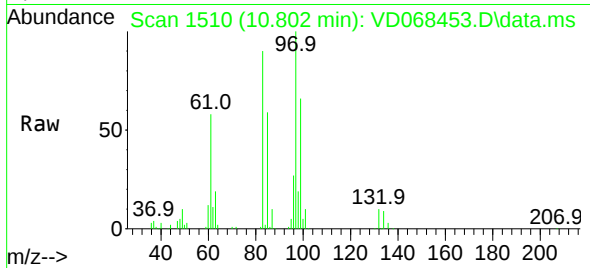
#54
cis-1,3-Dichloropropene
Concen: 51.66 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 75 Resp: 278177
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0
39 37.8 31.4 47.0

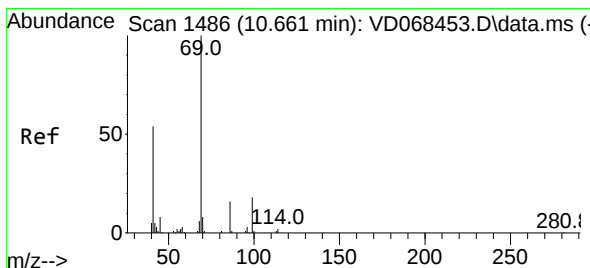
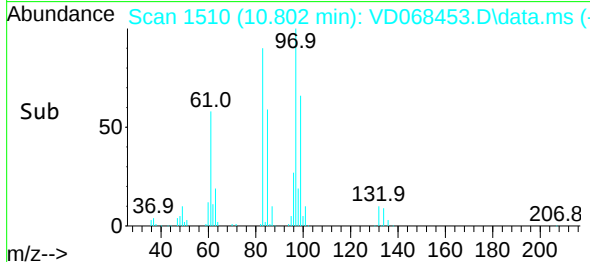
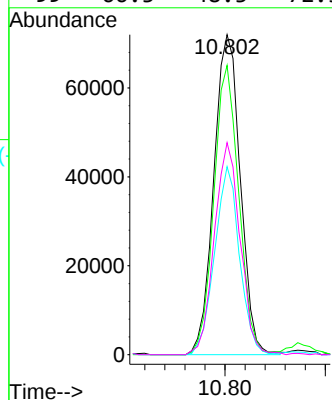




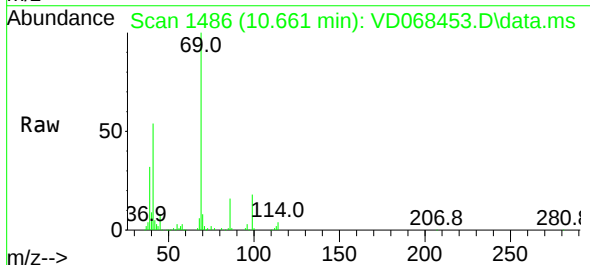
#55
1,1,2-Trichloroethane
Concen: 52.03 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



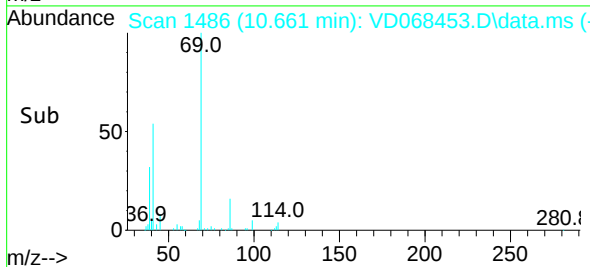
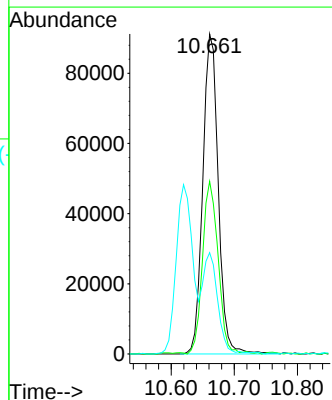
Tgt Ion:	97	Resp:	131936
Ion	Ratio	Lower	Upper
97	100		
83	90.4	61.8	92.6
85	58.8	42.2	63.2
99	66.3	48.3	72.5



#56
Ethyl methacrylate
Concen: 52.00 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



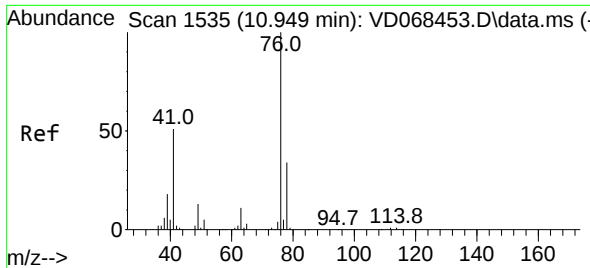
Tgt Ion:	69	Resp:	155310
Ion	Ratio	Lower	Upper
69	100		
41	54.8	44.9	67.3
39	31.0	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
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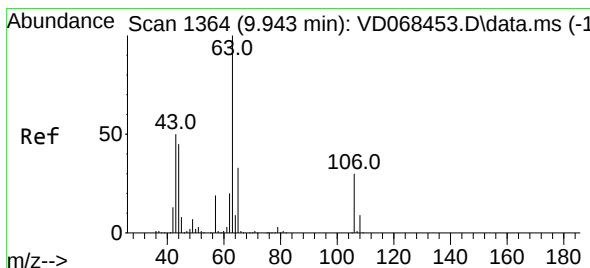
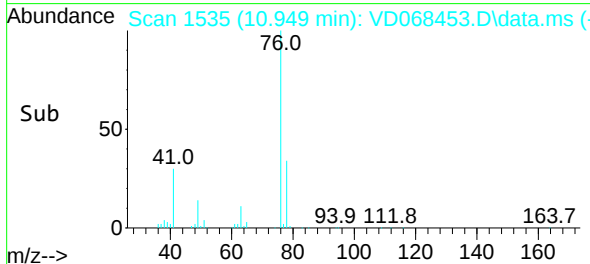
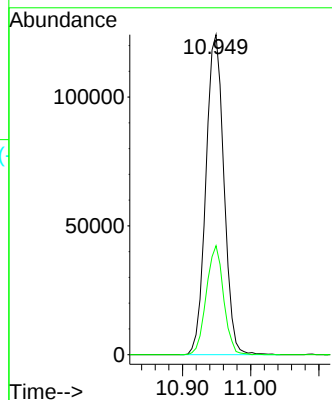
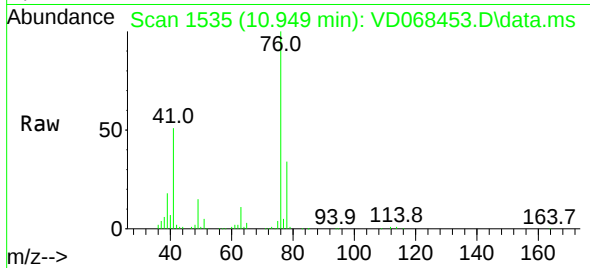
#57
1,3-Dichloropropane
Concen: 51.24 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 76 Resp: 227899
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

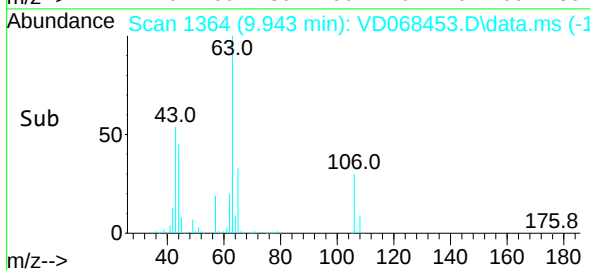
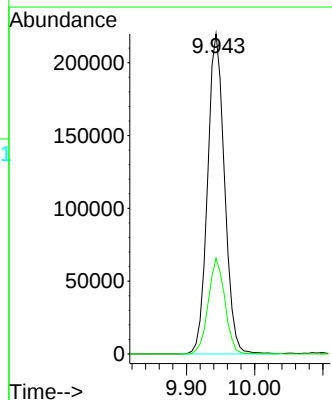
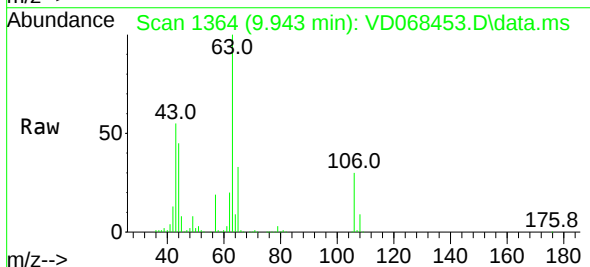
Manual Integrations
APPROVED

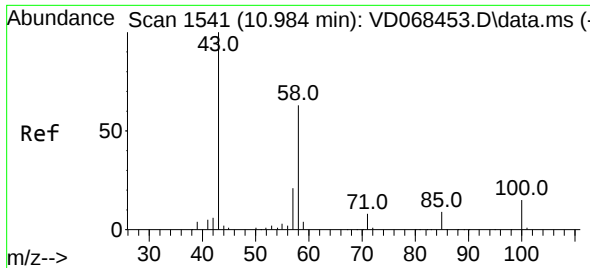
MMDadoda
3/1/2021 10:05:32 AM



#58
2-Chloroethyl Vinyl ether
Concen: 241.07 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 63 Resp: 380773
Ion Ratio Lower Upper
63 100
106 29.2 27.0 40.4





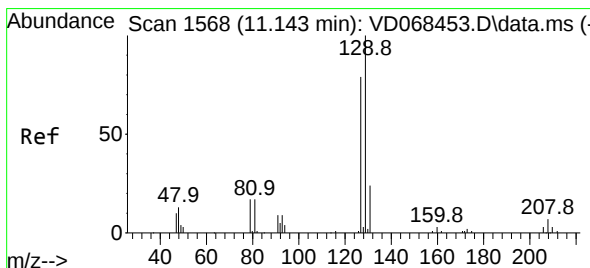
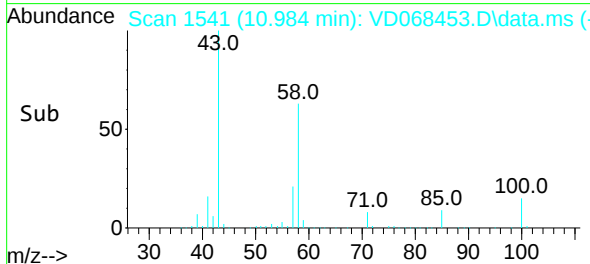
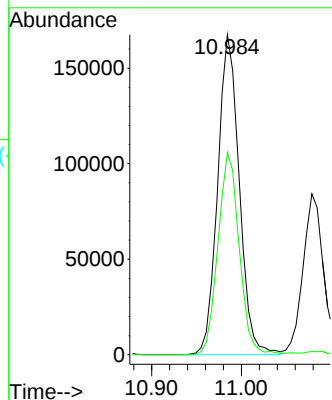
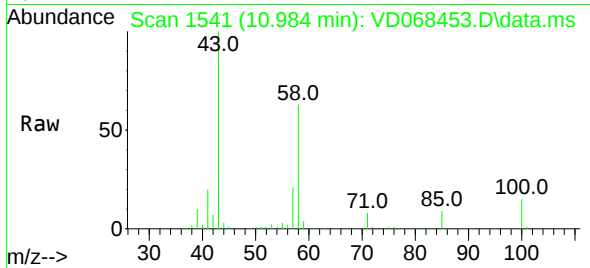
#59
2-Hexanone
Concen: 257.97 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 43 Resp: 279824
Ion Ratio Lower Upper
43 100
58 62.1 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

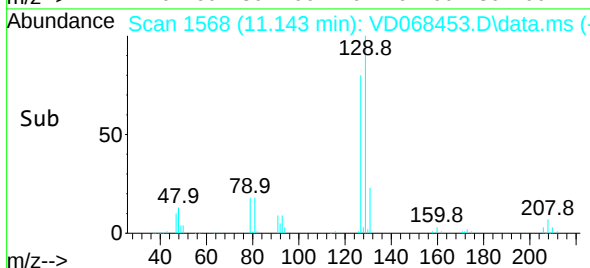
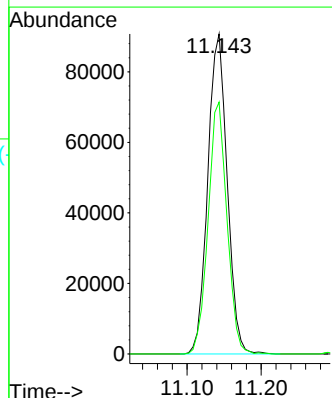
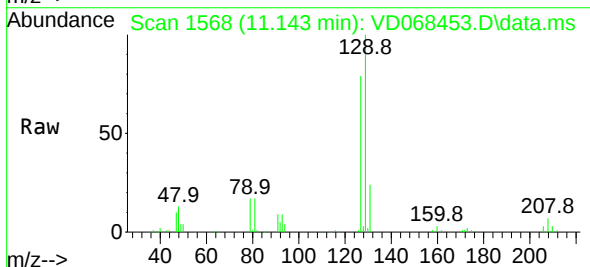
Manual Integrations
APPROVED

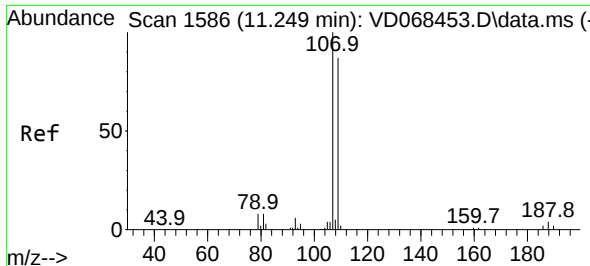
MMDadoda
3/1/2021 10:05:32 AM



#60
Dibromochloromethane
Concen: 52.30 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

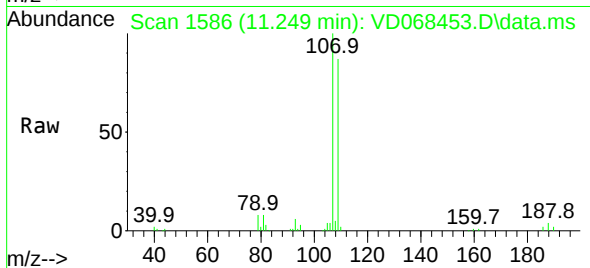
Tgt Ion: 129 Resp: 165007
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.46 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

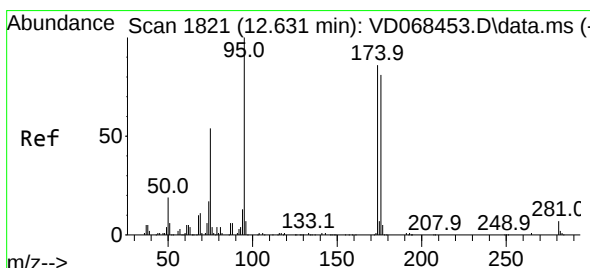
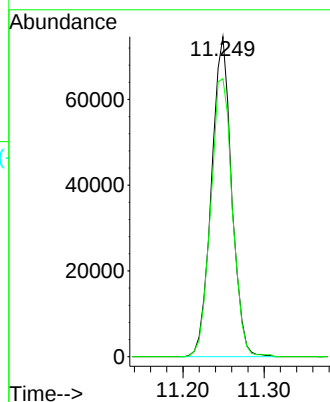
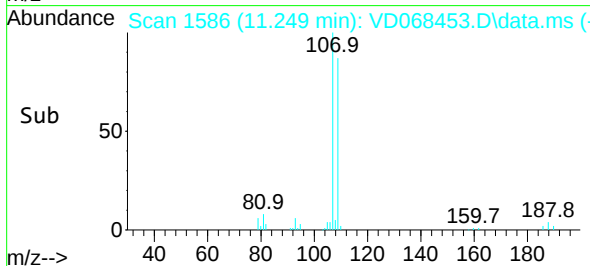
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



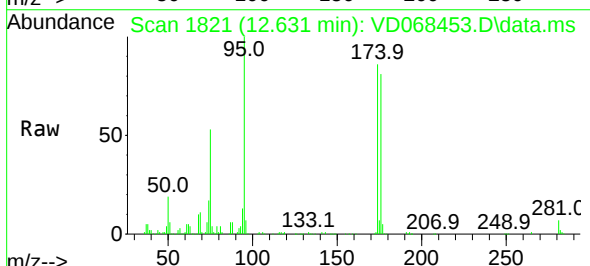
Tgt Ion:107 Resp: 128797
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

Manual Integrations
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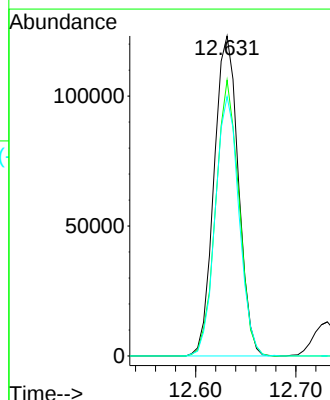
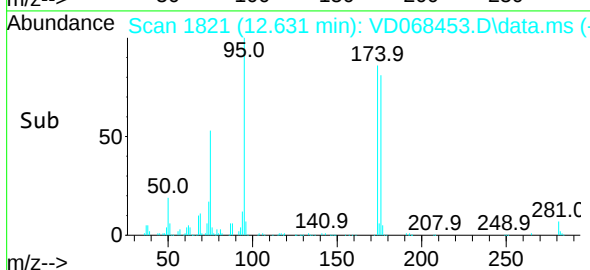
MMDadoda
3/1/2021 10:05:32 AM

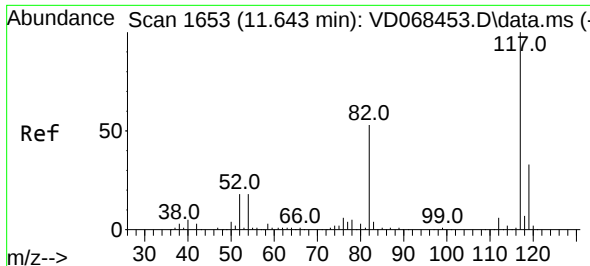


#62
4-Bromofluorobenzene
Concen: 48.06 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion: 95 Resp: 207394
Ion Ratio Lower Upper
95 100
174 82.3 0.0 172.4
176 79.2 0.0 168.4





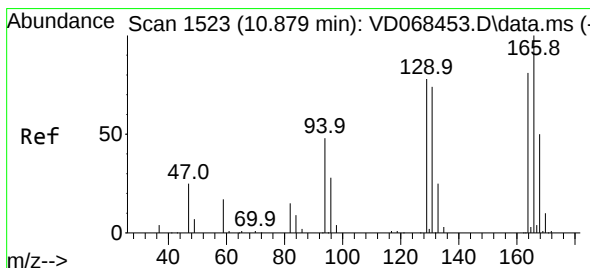
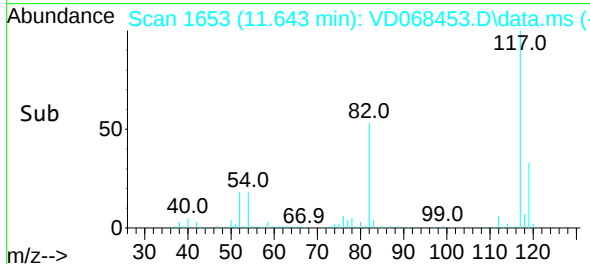
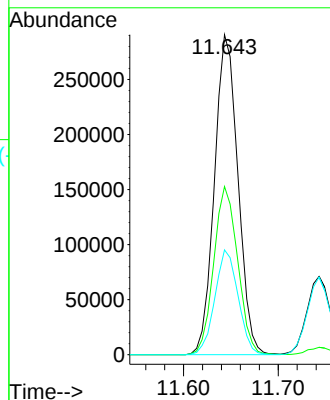
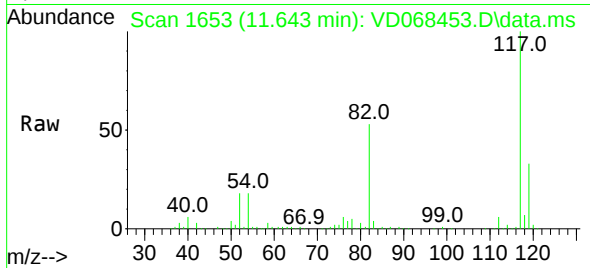
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:117 Resp: 501224
Ion Ratio Lower Upper
117 100
82 52.5 41.4 62.0
119 32.7 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

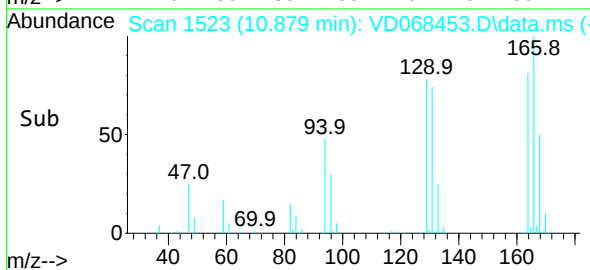
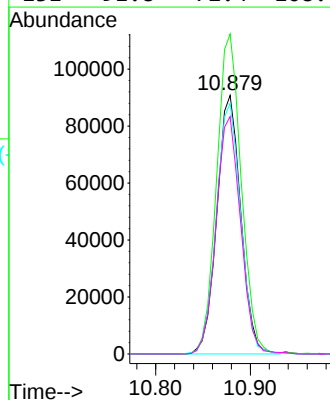
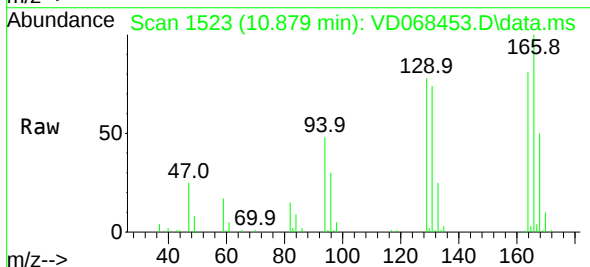
Manual Integrations
APPROVED

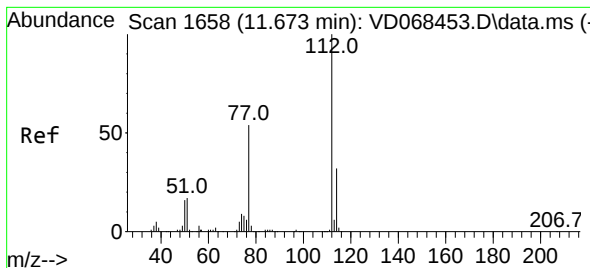
MMDadoda
3/1/2021 10:05:32 AM



#64
Tetrachloroethene
Concen: 50.69 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

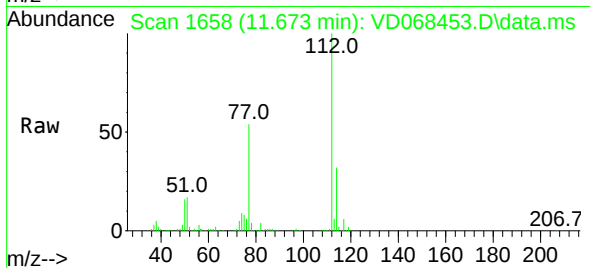
Tgt Ion:164 Resp: 159190
Ion Ratio Lower Upper
164 100
166 123.8 105.5 158.3
129 97.0 75.6 113.4
131 91.8 72.4 108.6





#65
Chlorobenzene
Concen: 51.19 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

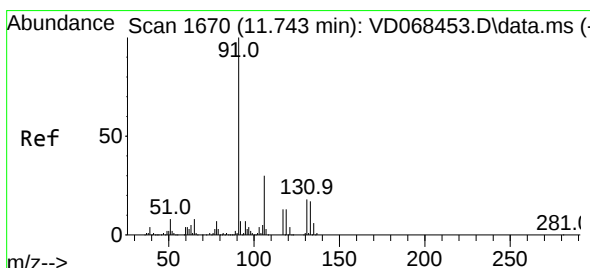
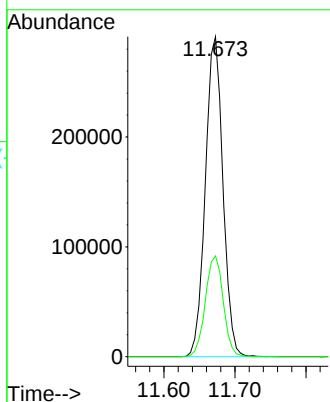
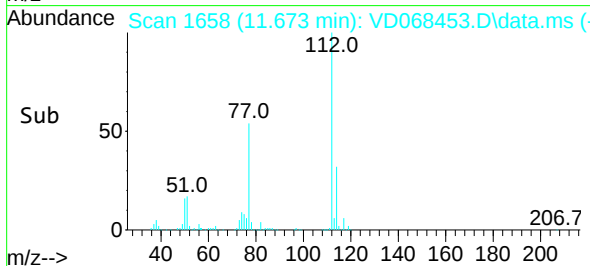
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



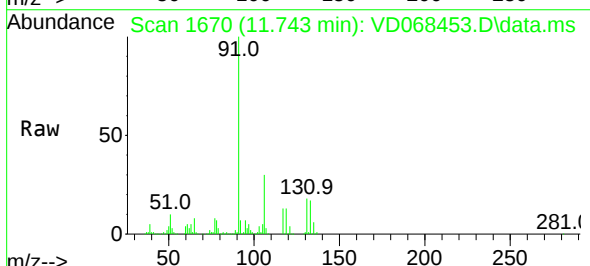
Tgt Ion:112 Resp: 500877
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
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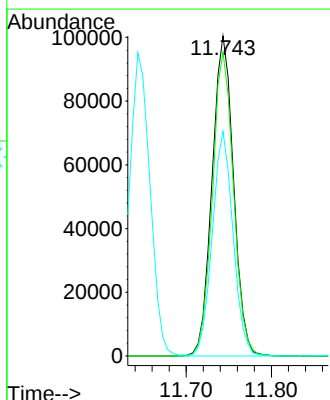
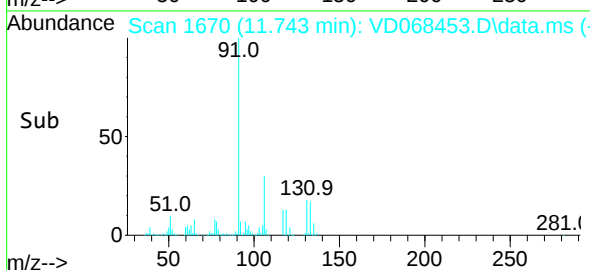
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.50 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion:131 Resp: 175319
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.4
119 67.9 31.6 94.8





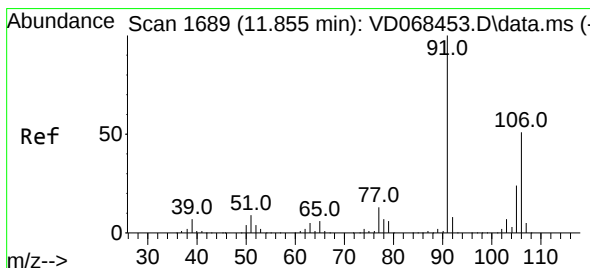
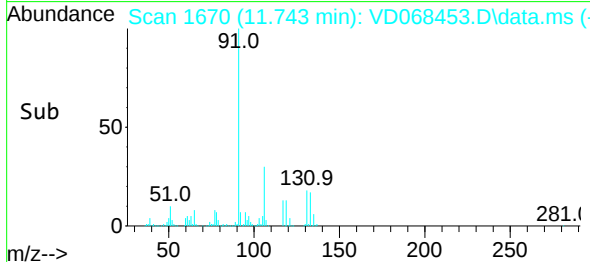
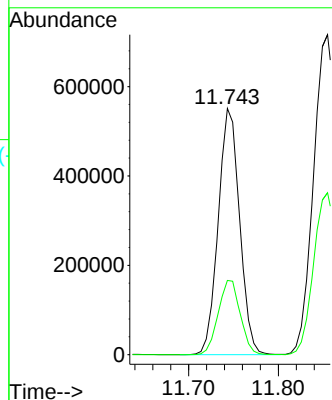
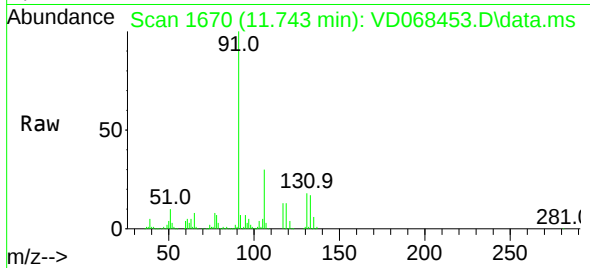
#67
Ethyl Benzene
Concen: 51.95 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 91 Resp: 911303
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

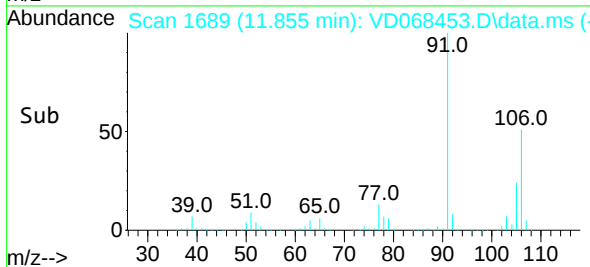
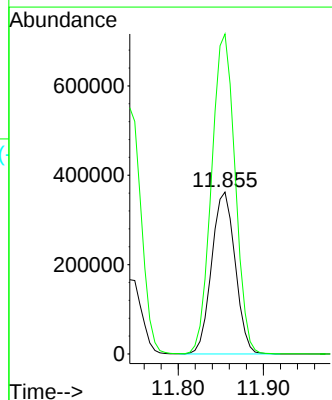
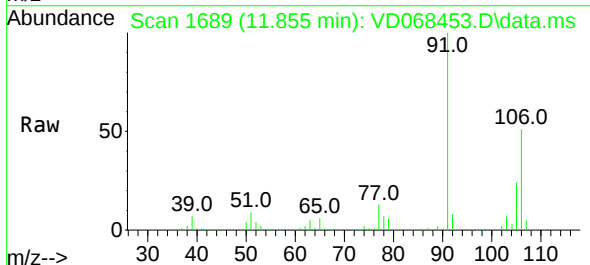
Manual Integrations
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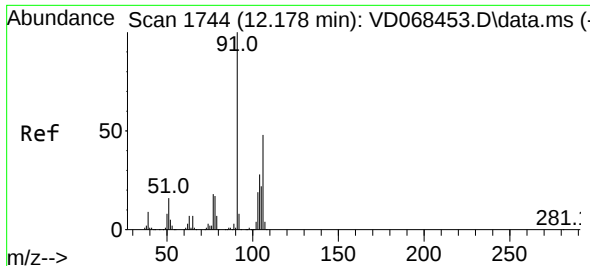
MMDadoda
3/1/2021 10:05:32 AM



#68
m/p-Xylenes
Concen: 104.47 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:106 Resp: 695003
Ion Ratio Lower Upper
106 100
91 198.2 159.1 238.7





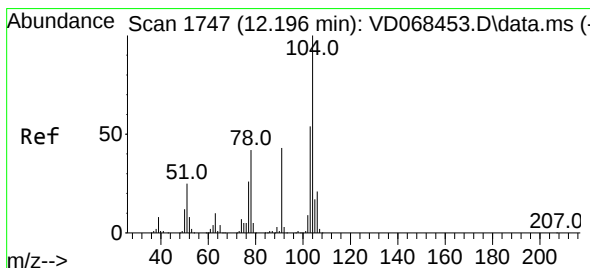
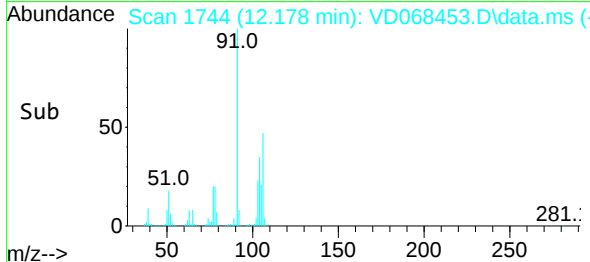
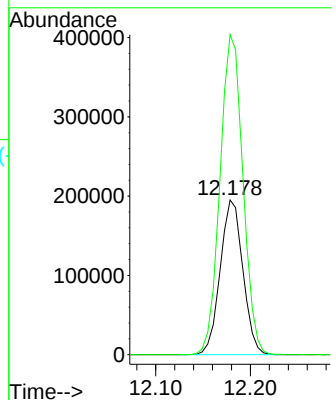
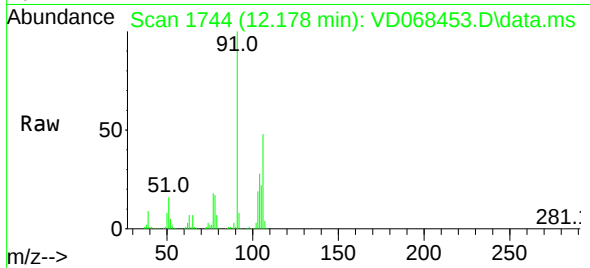
#69
o-Xylene
Concen: 53.20 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:106 Resp: 324754
Ion Ratio Lower Upper
106 100
91 209.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

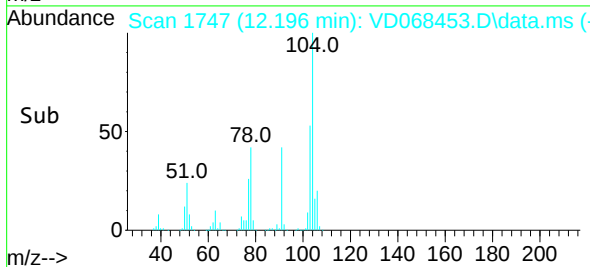
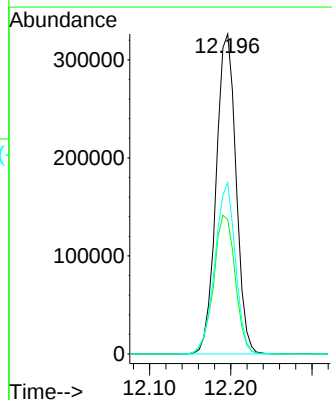
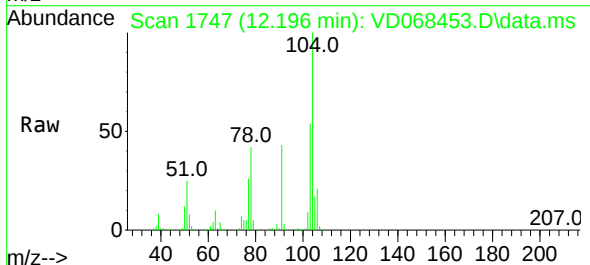
Manual Integrations
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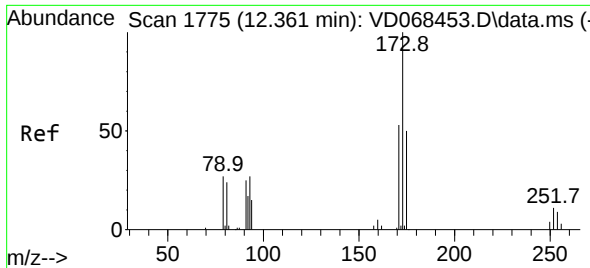
MMDadoda
3/1/2021 10:05:32 AM



#70
Styrene
Concen: 52.44 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:104 Resp: 555695
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.2
103 55.1 43.1 64.7





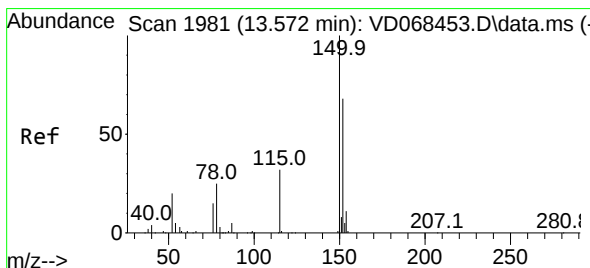
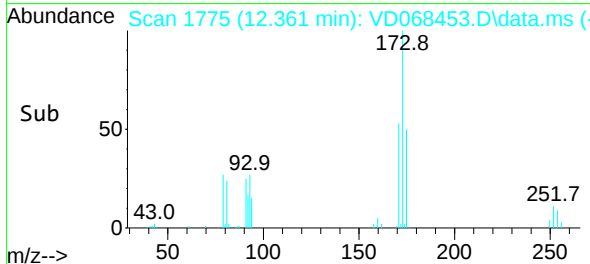
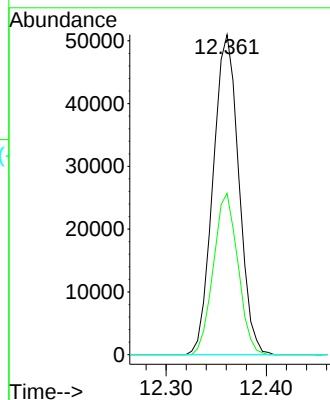
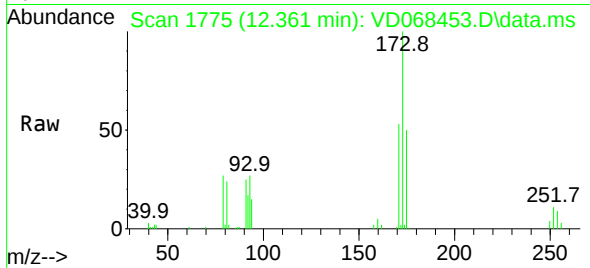
#71
Bromoform
Concen: 51.83 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:173 Resp: 90660
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

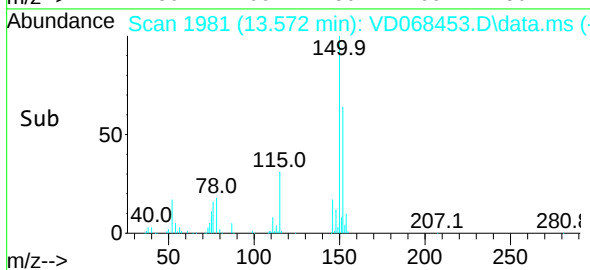
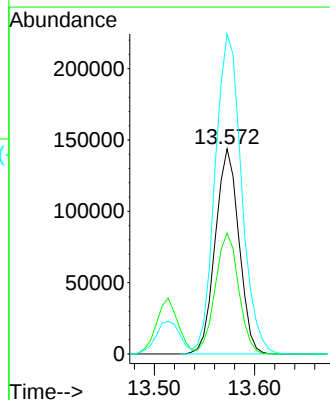
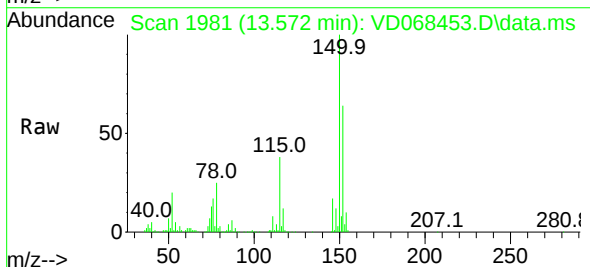
Manual Integrations
APPROVED

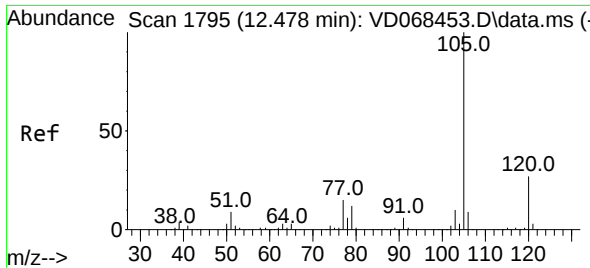
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:152 Resp: 234964
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 174.0 0.0 344.4





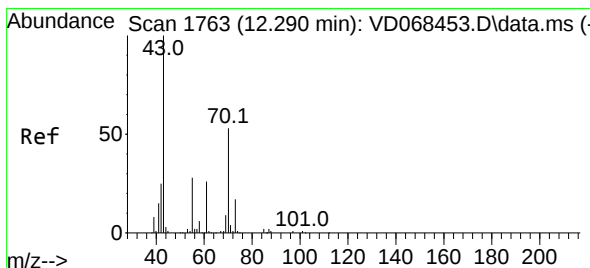
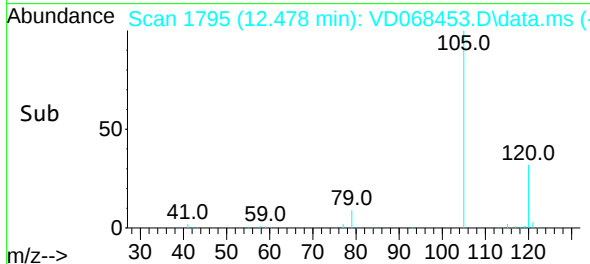
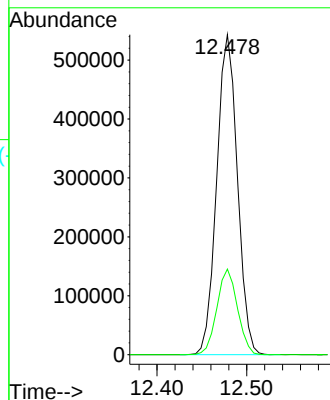
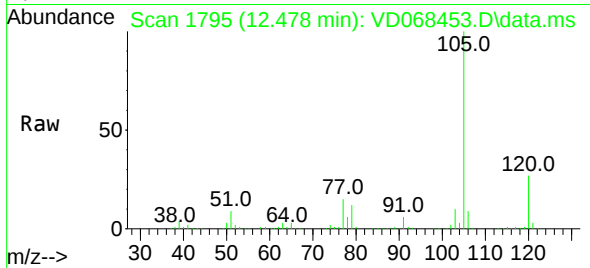
#73
Isopropylbenzene
Concen: 50.41 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 105 Resp: 869625
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

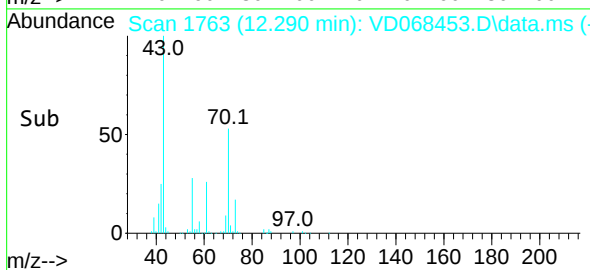
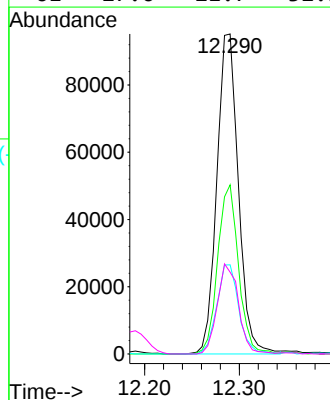
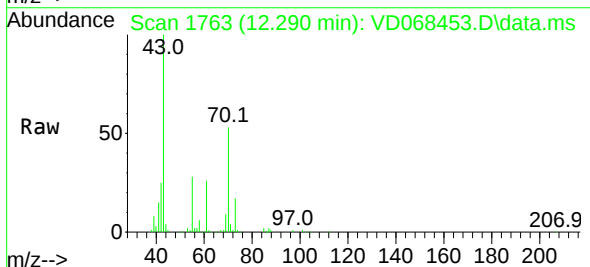
Manual Integrations
APPROVED

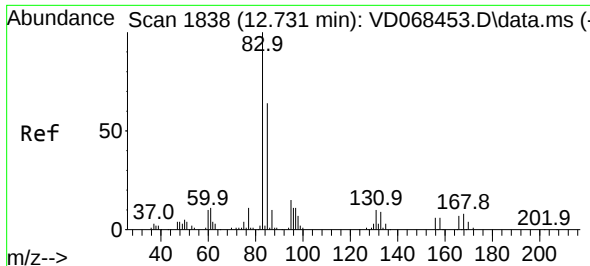
MMDadoda
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#74
N-ethyl acetate
Concen: 49.88 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 43 Resp: 150483
Ion Ratio Lower Upper
43 100
70 51.2 41.8 62.8
55 28.5 24.2 36.4
61 27.6 21.7 32.5





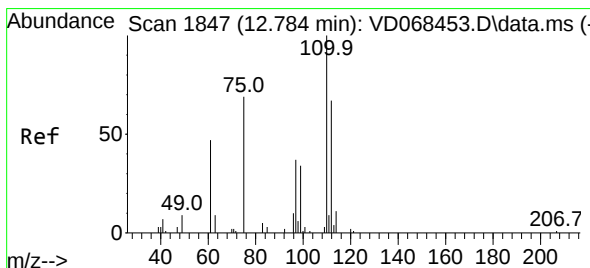
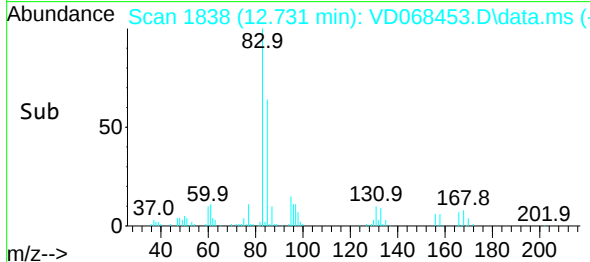
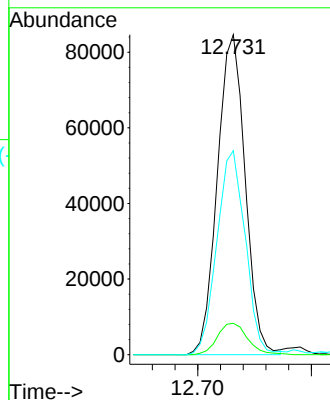
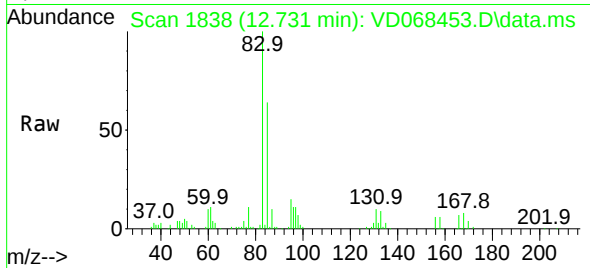
#75
1,1,2,2-Tetrachloroethane
Concen: 48.45 ug/l
RT: 12.731 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 83 Resp: 144013
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.4
85 65.1 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

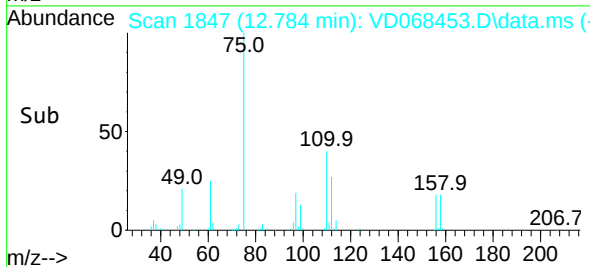
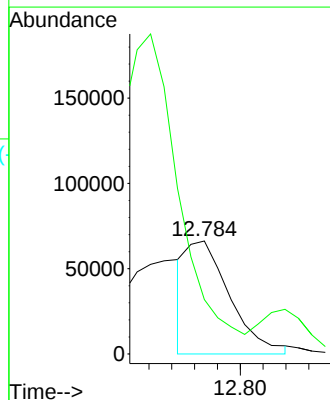
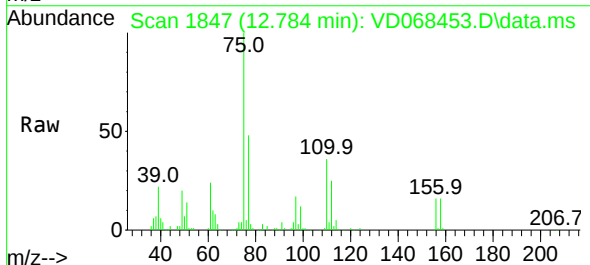
Manual Integrations
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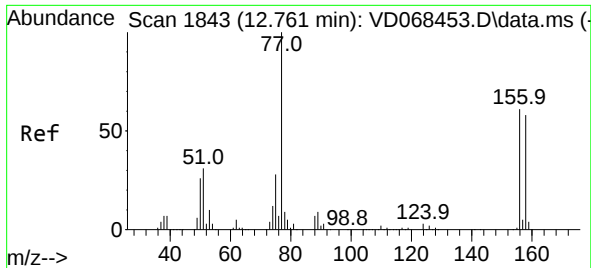
MMDadoda
3/1/2021 10:05:32 AM



#76
1,2,3-Trichloropropane
Concen: 39.38 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 75 Resp: 87826
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





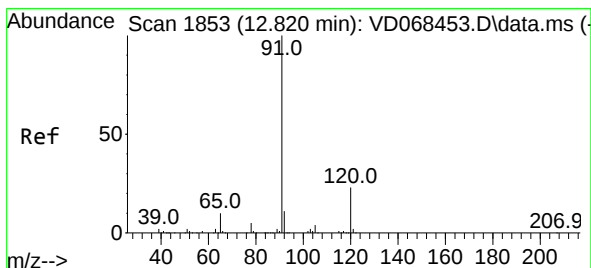
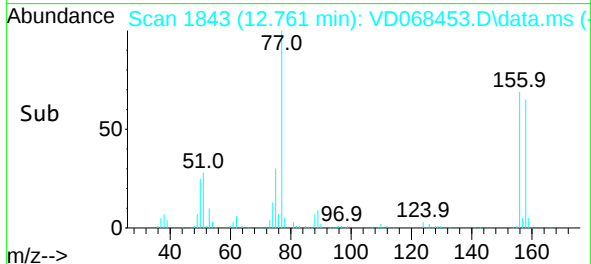
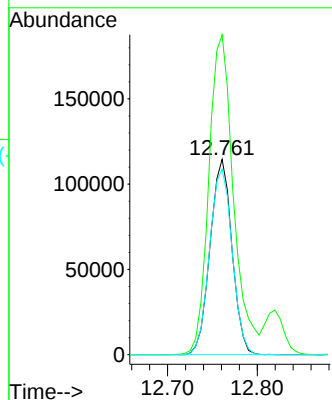
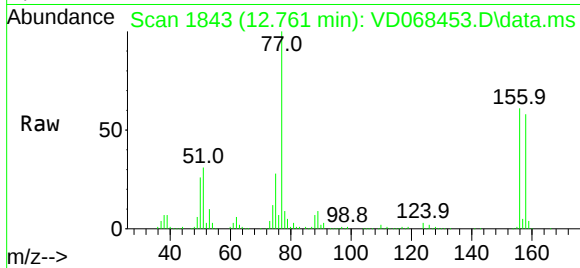
#77
Bromobenzene
Concen: 50.08 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:156 Resp: 193560
Ion Ratio Lower Upper
156 100
77 184.9 82.8 248.3
158 98.5 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

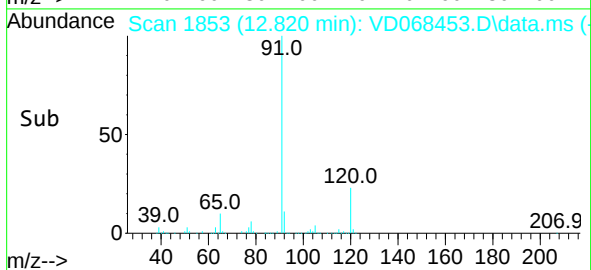
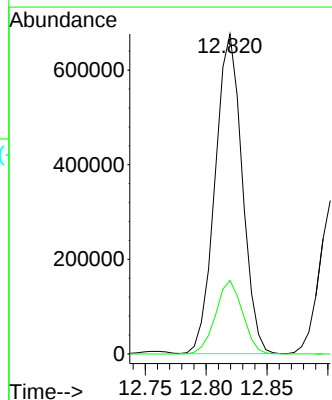
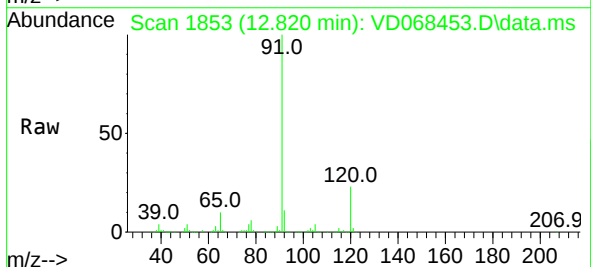
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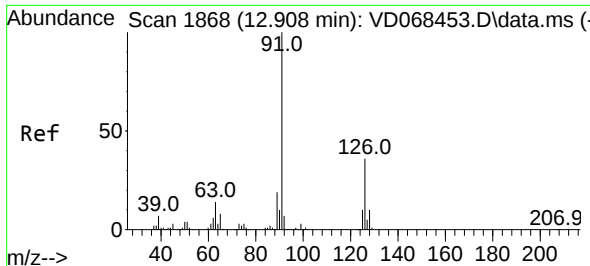
MMDadoda
3/1/2021 10:05:32 AM



#78
n-propylbenzene
Concen: 50.46 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

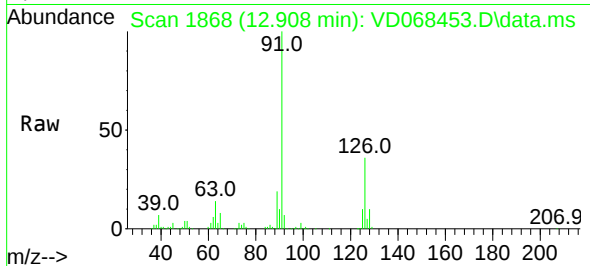
Tgt Ion: 91 Resp: 1044727
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0





#79
2-Chlorotoluene
Concen: 50.22 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

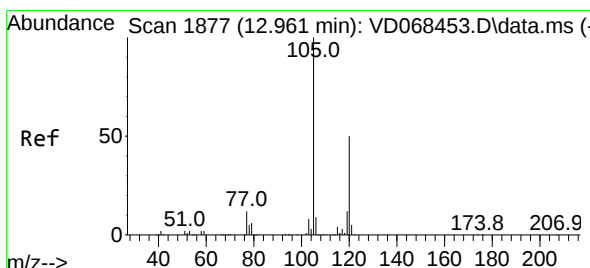
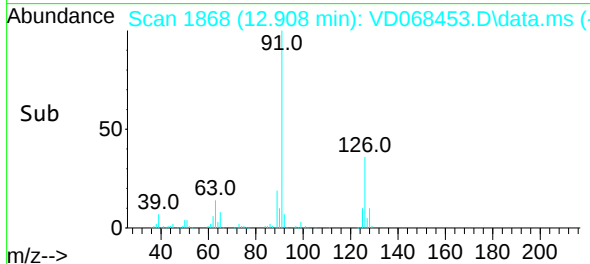
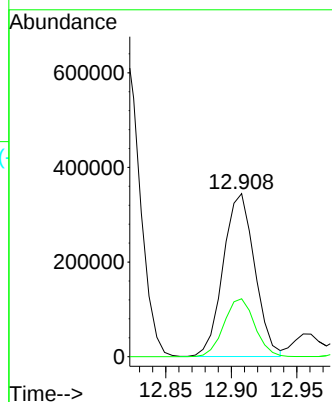
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



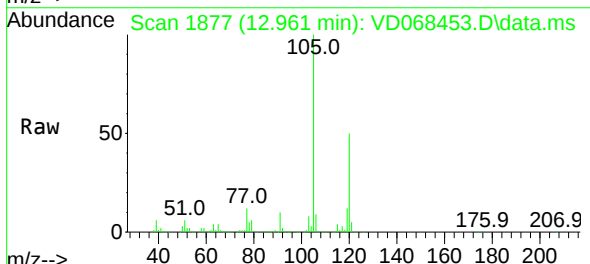
Tgt Ion: 91 Resp: 575416
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.5

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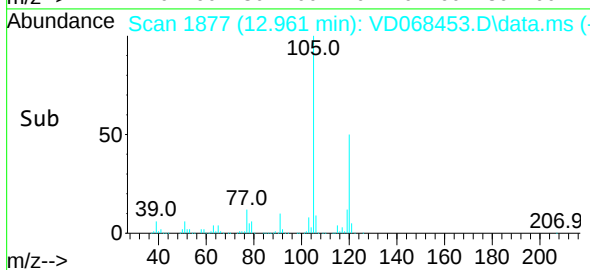
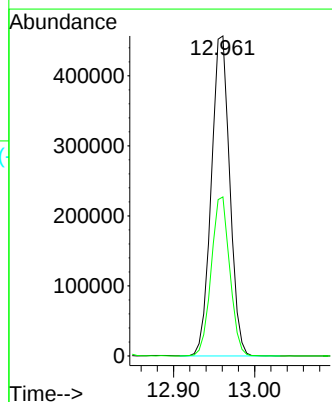
MMDadoda
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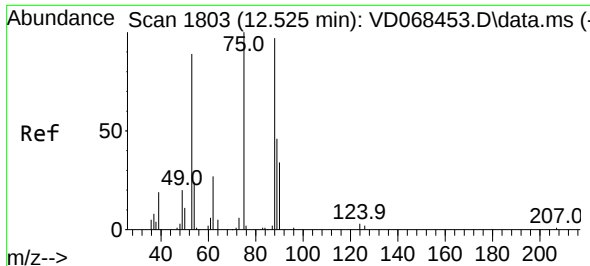


#80
1,3,5-Trimethylbenzene
Concen: 51.07 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion: 105 Resp: 720991
Ion Ratio Lower Upper
105 100
120 49.9 24.2 72.6





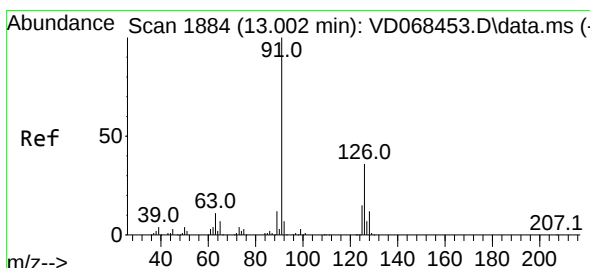
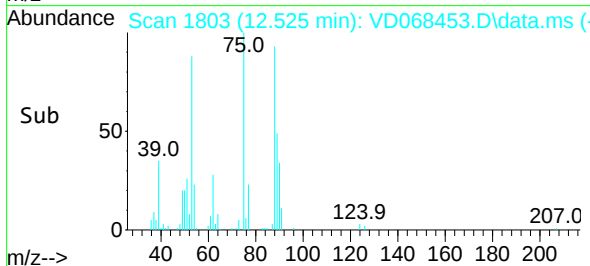
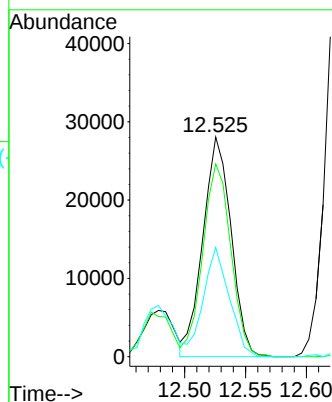
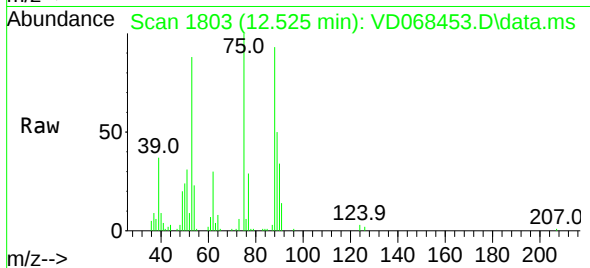
#81
trans-1,4-Dichloro-2-butene
Concen: 50.58 ug/l
RT: 12.525 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.4	70.2	105.2
89	45.0	40.3	60.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

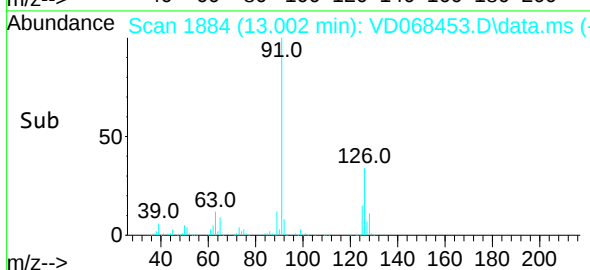
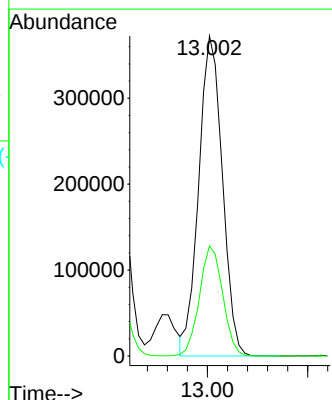
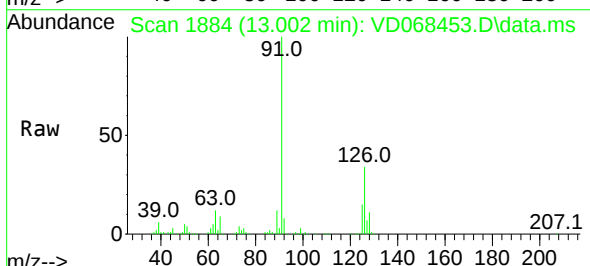
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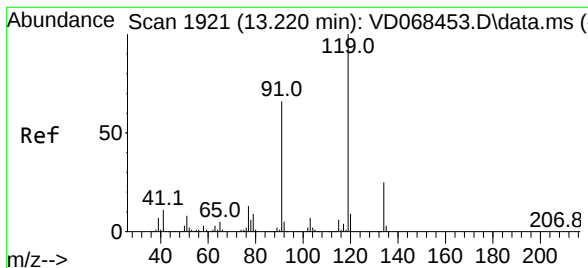
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#82
4-Chlorotoluene
Concen: 50.27 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

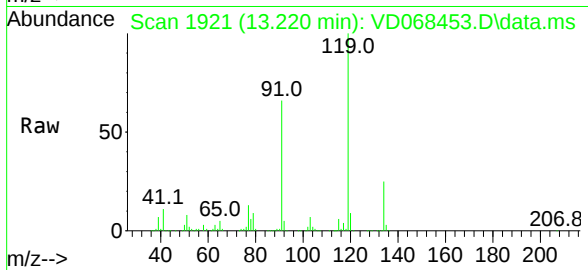
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.7	53.1





#83
tert-Butylbenzene
Concen: 50.34 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

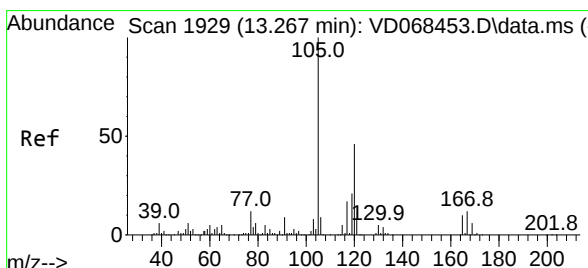
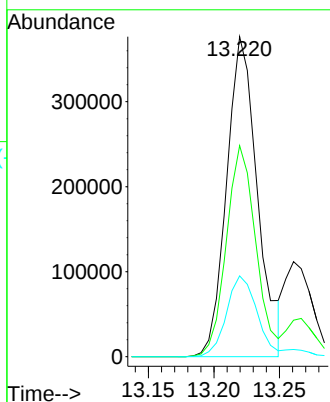
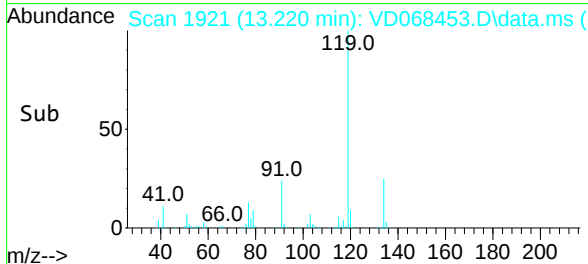
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



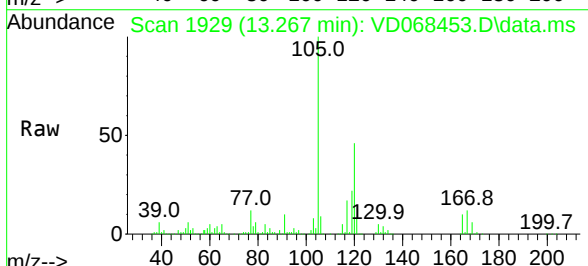
Tgt Ion:119 Resp: 614832
Ion Ratio Lower Upper
119 100
91 63.1 31.1 93.5
134 26.7 13.3 39.8

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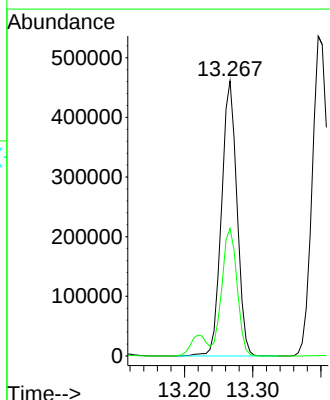
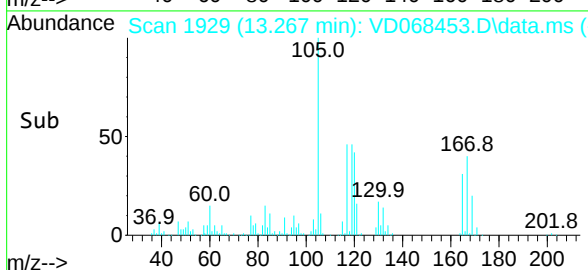
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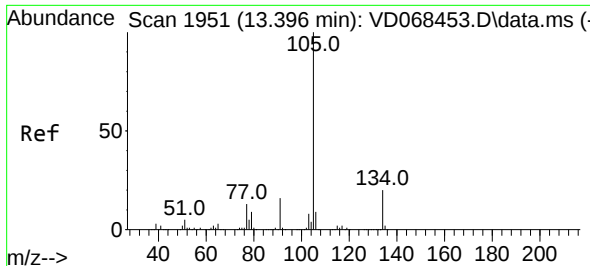


#84
1,2,4-Trimethylbenzene
Concen: 51.49 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

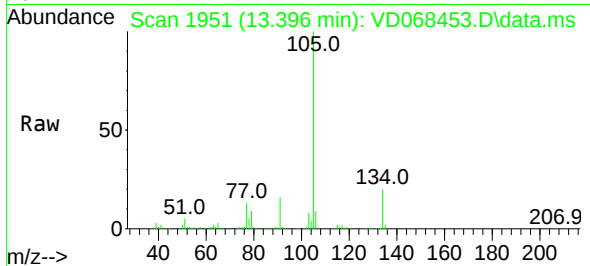


Tgt Ion:105 Resp: 726084
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0

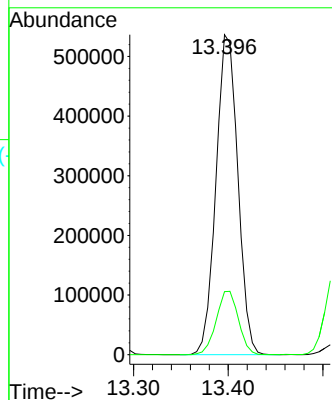
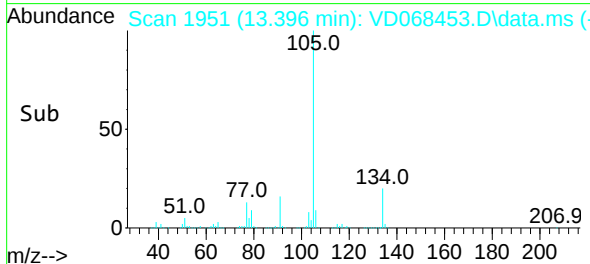




#85
 sec-Butylbenzene
 Concen: 50.53 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068453.D
 Acq: 26 Feb 2021 12:26



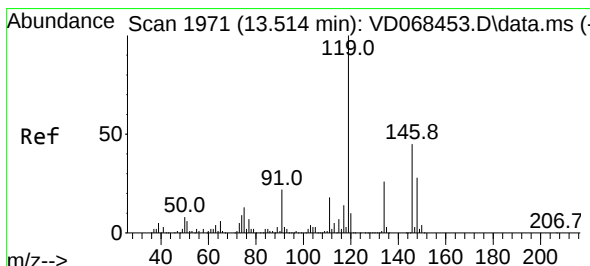
Tgt Ion:105 Resp: 861567
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



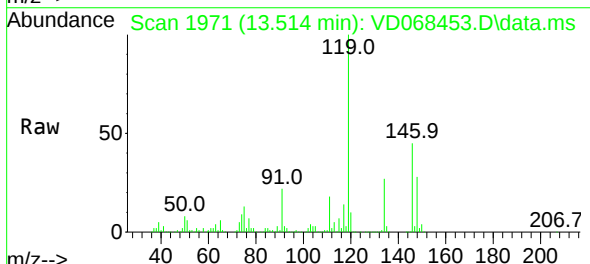
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

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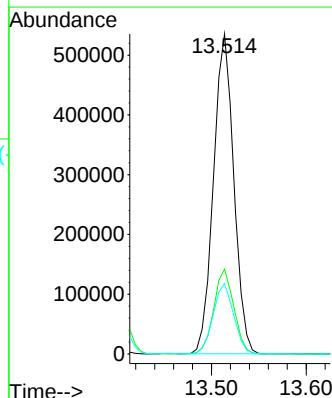
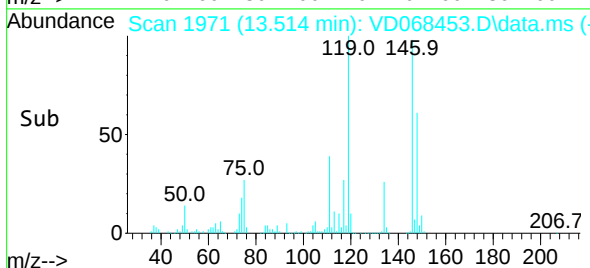
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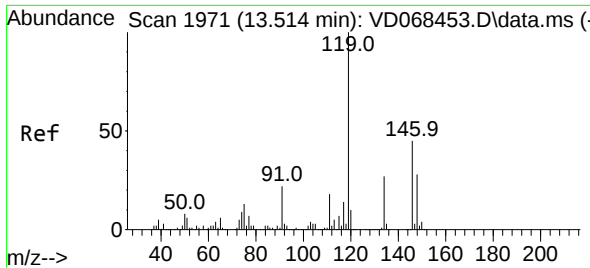


#86
 p-Isopropyltoluene
 Concen: 51.73 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068453.D
 Acq: 26 Feb 2021 12:26

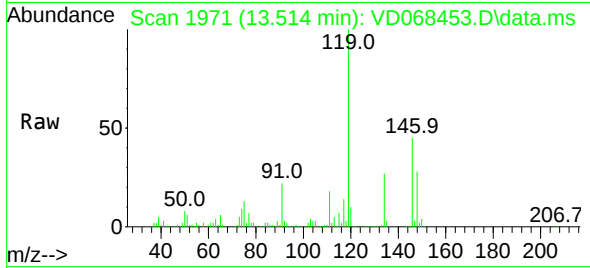


Tgt Ion:119 Resp: 796728
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.2 11.7 35.0

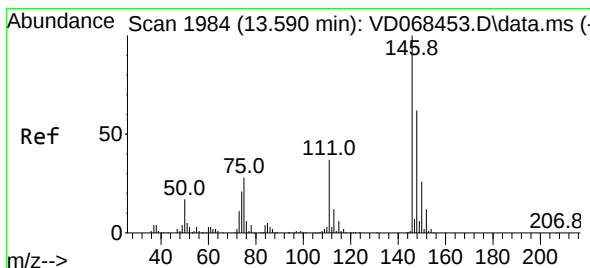
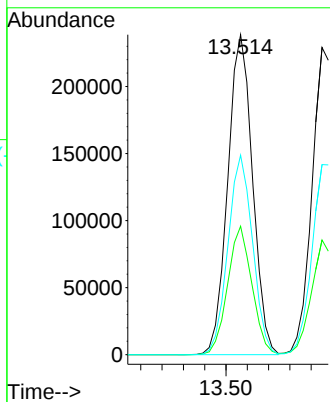
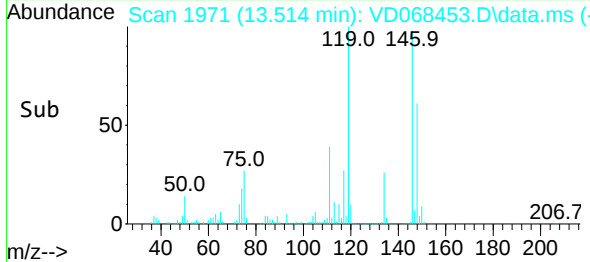




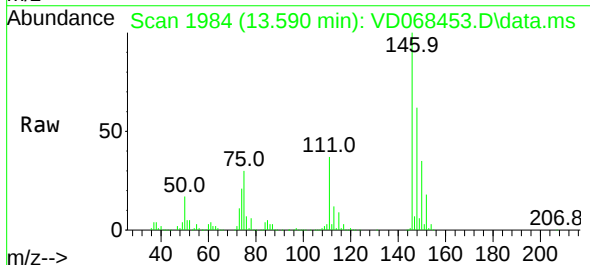
#87
1,3-Dichlorobenzene
Concen: 51.38 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



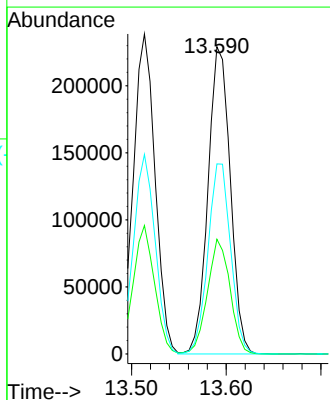
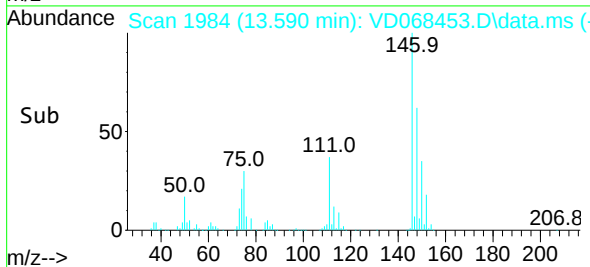
Tgt Ion:146 Resp: 385787
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 61.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 50.15 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



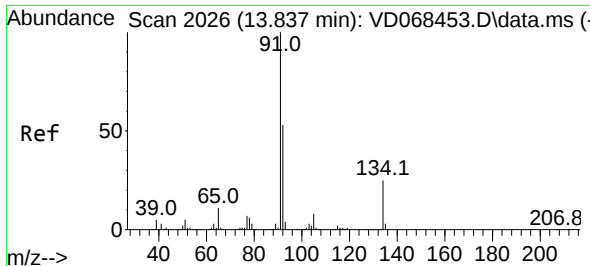
Tgt Ion:146 Resp: 374335
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 63.1 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
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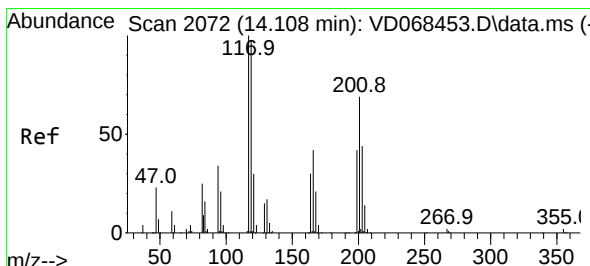
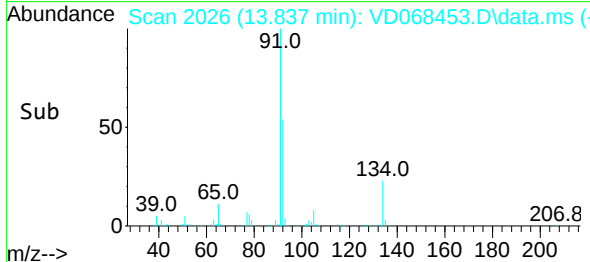
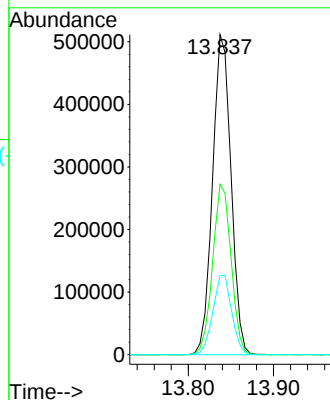
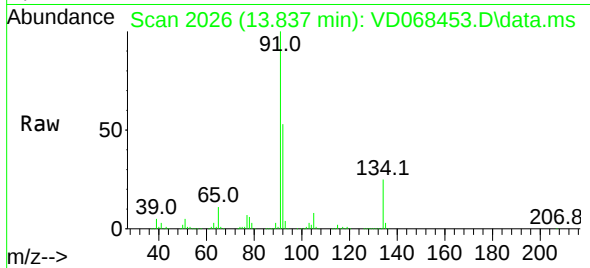
#89
n-Butylbenzene
Concen: 51.22 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 91 Resp: 770391
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.3 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

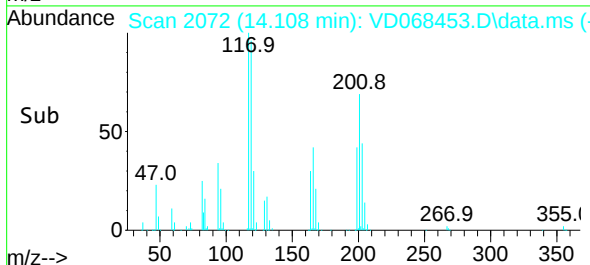
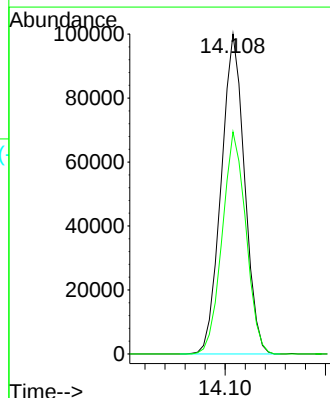
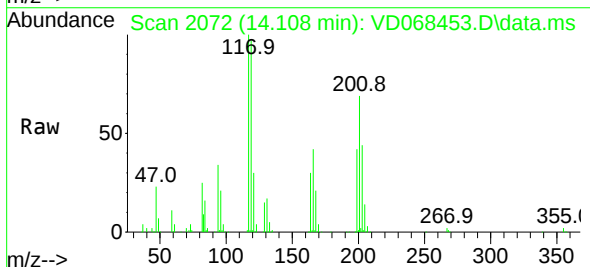
Manual Integrations
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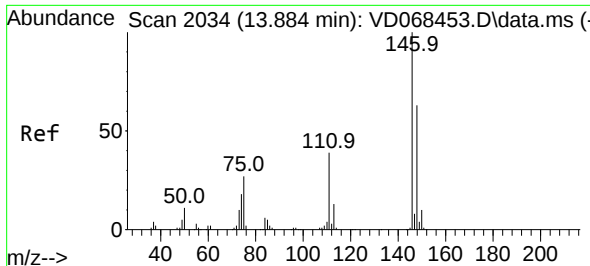
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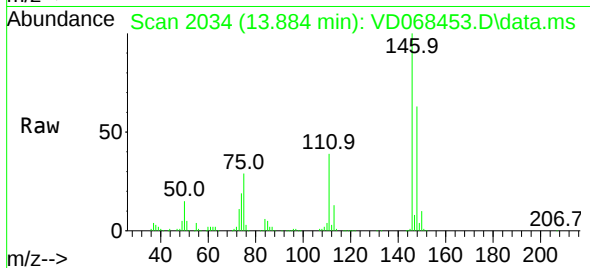
#90
Hexachloroethane
Concen: 56.51 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion: 117 Resp: 161517
Ion Ratio Lower Upper
117 100
201 70.4 39.5 118.5

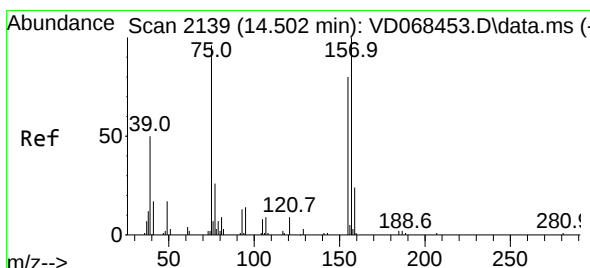
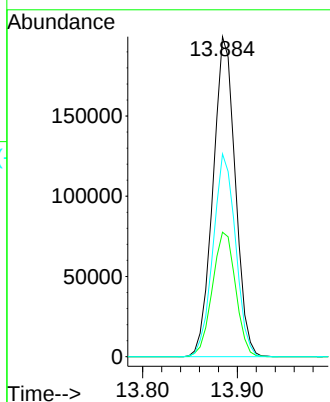
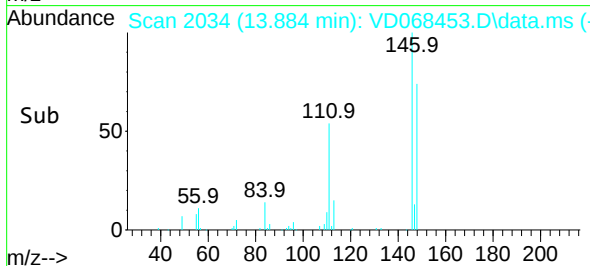




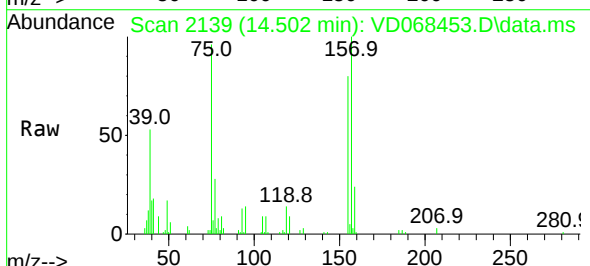
#91
1,2-Dichlorobenzene
Concen: 50.34 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



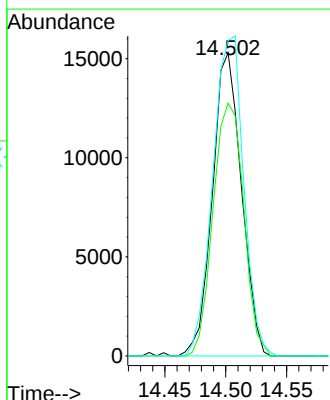
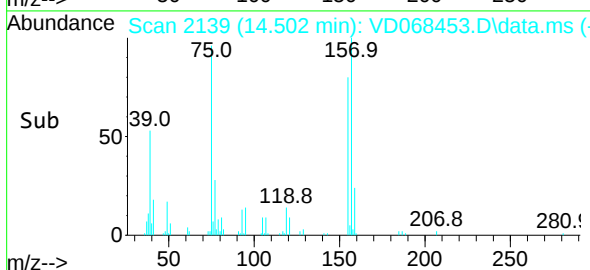
Tgt Ion:146 Resp: 326025
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.78 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



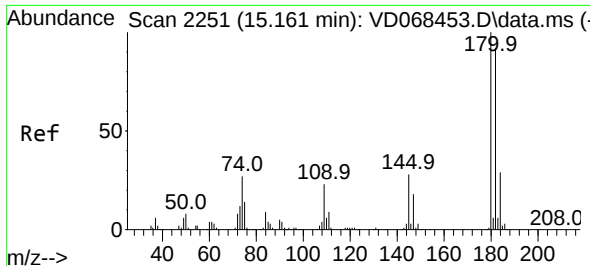
Tgt Ion: 75 Resp: 25345
Ion Ratio Lower Upper
75 100
155 87.8 48.0 144.2
157 112.3 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

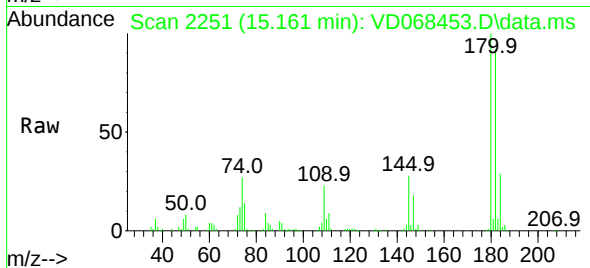
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 58.89 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

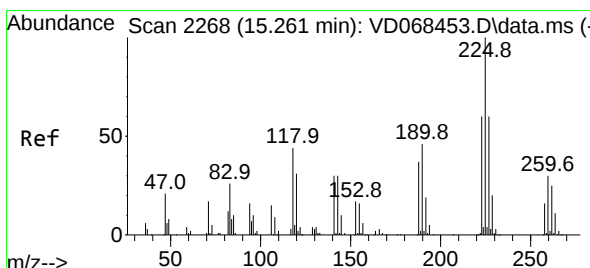
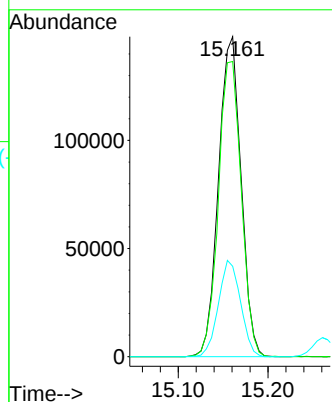
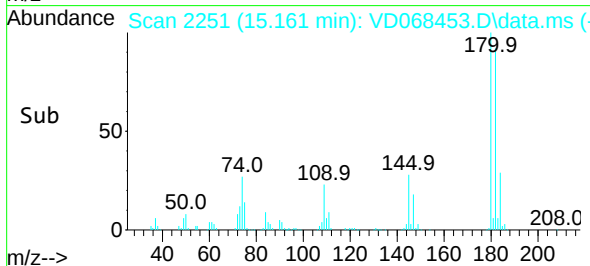
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



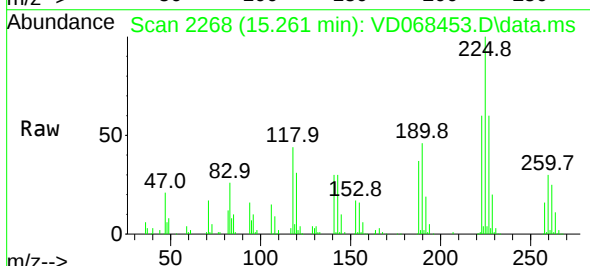
Tgt Ion:180 Resp: 257869
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.4
145 29.6 15.2 45.5

Manual Integrations
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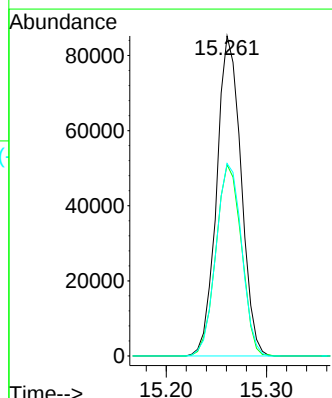
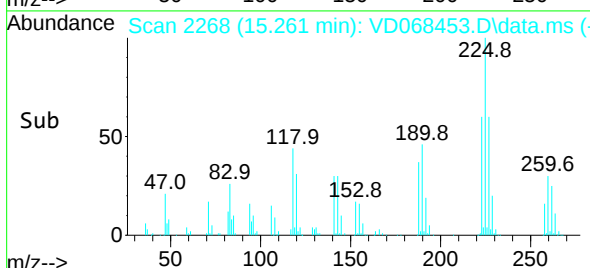
MMDadoda
3/1/2021 10:05:32 AM

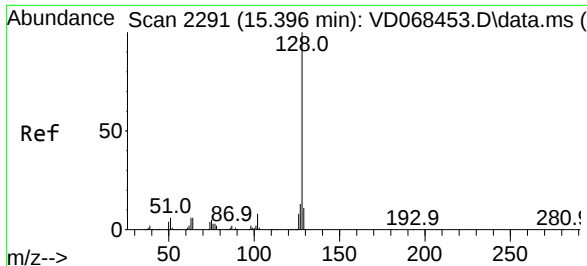


#94
Hexachlorobutadiene
Concen: 59.42 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26



Tgt Ion:225 Resp: 143423
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.5
227 63.3 32.1 96.5





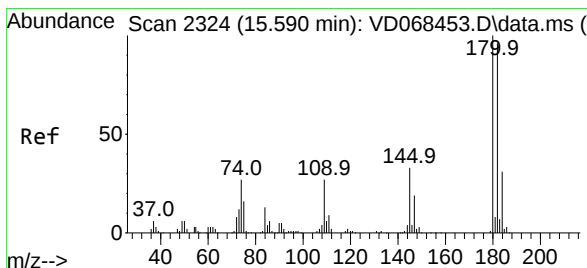
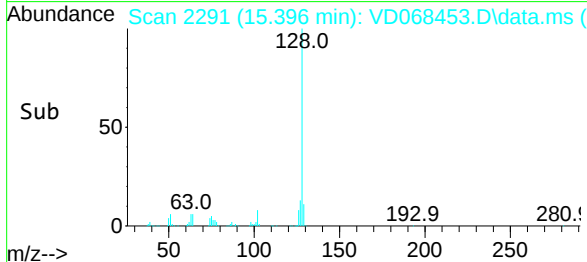
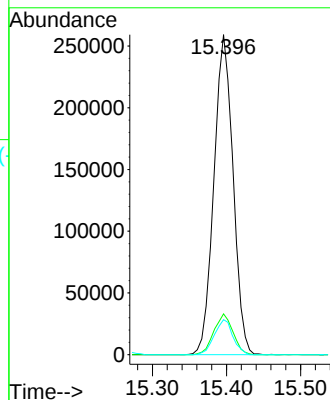
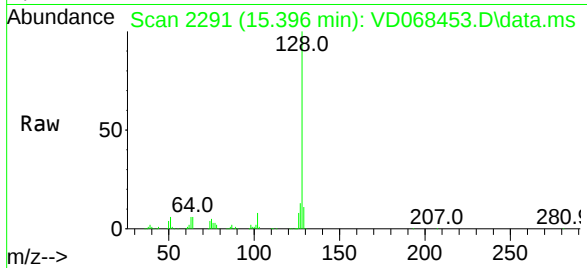
#95
Naphthalene
Concen: 57.61 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:128 Resp: 465284
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/1/2021 10:05:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.39 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068453.D
Acq: 26 Feb 2021 12:26

Tgt Ion:180 Resp: 218127
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 32.8 16.7 50.1

