

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068503.D
 Acq On : 03 Mar 2021 10:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Mar 04 00:00:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	343616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	554124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	498428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	239206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153885	44.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.64%		
35) Dibromofluoromethane	7.914	113	168239	50.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.80%		
50) Toluene-d8	10.344	98	658723	49.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.08%		
62) 4-Bromofluorobenzene	12.632	95	210586	49.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	161072	48.30	ug/l	98
3) Chloromethane	2.209	50	184007	43.66	ug/l	97
4) Vinyl Chloride	2.350	62	236771	47.32	ug/l	99
5) Bromomethane	2.767	94	161061	45.20	ug/l	98
6) Chloroethane	2.926	64	145954	45.11	ug/l	96
7) Trichlorofluoromethane	3.273	101	282884	49.56	ug/l	97
8) Diethyl Ether	3.703	74	76246	44.86	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	171373	49.28	ug/l	95
10) Methyl Iodide	4.303	142	183156	44.35	ug/l	94
11) Tert butyl alcohol	5.214	59	36750	200.49	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	165265	47.89	ug/l	94
13) Acrolein	3.926	56	59479	227.03	ug/l	96
14) Allyl chloride	4.714	41	197741	44.38	ug/l	97
15) Acrylonitrile	5.420	53	155217	216.39	ug/l	99
16) Acetone	4.156	43	144341	264.68	ug/l	89
17) Carbon Disulfide	4.414	76	523950	46.34	ug/l	100
18) Methyl Acetate	4.720	43	61076	43.45	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	337452	45.10	ug/l #	91
20) Methylene Chloride	4.961	84	180633	43.77	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	190015	46.12	ug/l	94
22) Diisopropyl ether	6.367	45	424962	43.31	ug/l	95
23) Vinyl Acetate	6.303	43	1121558	220.32	ug/l	97
24) 1,1-Dichloroethane	6.267	63	304152	45.22	ug/l	98
25) 2-Butanone	7.214	43	172898	220.56	ug/l	94
26) 2,2-Dichloropropane	7.214	77	276223	49.30	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	208541	46.10	ug/l	98
28) Bromochloromethane	7.550	49	114323	43.55	ug/l	87
29) Tetrahydrofuran	7.561	42	106344	208.92	ug/l	99
30) Chloroform	7.708	83	322911	45.46	ug/l	98
31) Cyclohexane	7.985	56	279552	44.77	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	292604	48.27	ug/l	97
36) 1,1-Dichloropropene	8.114	75	259568	49.28	ug/l	98
37) Ethyl Acetate	7.285	43	79404	45.44	ug/l	99
38) Carbon Tetrachloride	8.097	117	255070	51.54	ug/l	99
39) Methylcyclohexane	9.355	83	334412	51.48	ug/l	98
40) Benzene	8.350	78	725312	48.01	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	54105m	53.34	ug/l	
42) 1,2-Dichloroethane	8.426	62	185079	46.58	ug/l	99
43) Isopropyl Acetate	8.455	43	151968	47.31	ug/l	99
44) Trichloroethene	9.114	130	207778	50.10	ug/l	96
45) 1,2-Dichloropropane	9.391	63	174012	48.18	ug/l	95
46) Dibromomethane	9.473	93	95535	48.62	ug/l	94
47) Bromodichloromethane	9.661	83	248626	48.92	ug/l	97
48) Methyl methacrylate	9.455	41	72104	42.12	ug/l	85
49) 1,4-Dioxane	9.455	88	20085	896.29	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	389843	231.94	ug/l	99
52) Toluene	10.402	92	476217	49.36	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	233837	49.78	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	275225	48.02	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	131630	48.41	ug/l	94
56) Ethyl methacrylate	10.661	69	151764	48.55	ug/l	97
57) 1,3-Dichloropropane	10.949	76	219624	46.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	368648	235.09	ug/l	95
59) 2-Hexanone	10.985	43	279207	249.22	ug/l	99
60) Dibromochloromethane	11.138	129	167610	49.79	ug/l	99
61) 1,2-Dibromoethane	11.243	107	128317	48.22	ug/l	99
64) Tetrachloroethene	10.879	164	166868	51.27	ug/l	98
65) Chlorobenzene	11.667	112	506790	49.93	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.743	131	182472	51.72	ug/l	98
67) Ethyl Benzene	11.743	91	925242	51.07	ug/l	99
68) m/p-Xylenes	11.855	106	712310	103.51	ug/l	99
69) o-Xylene	12.179	106	324847	51.26	ug/l	94
70) Styrene	12.196	104	561621	51.82	ug/l	98
71) Bromoform	12.361	173	94777	52.87	ug/l #	98
73) Isopropylbenzene	12.479	105	900661	50.77	ug/l	100
74) N-amyl acetate	12.291	43	143779	47.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	141057	46.21	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	101656m	47.87	ug/l	
77) Bromobenzene	12.761	156	200586	49.54	ug/l	96
78) n-propylbenzene	12.820	91	1067378	50.35	ug/l	98
79) 2-Chlorotoluene	12.908	91	572808	48.68	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	736997	50.68	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	45905	50.45	ug/l	94
82) 4-Chlorotoluene	13.002	91	611207	49.37	ug/l	99
83) tert-Butylbenzene	13.220	119	648029	52.34	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	731185	50.21	ug/l	97
85) sec-Butylbenzene	13.402	105	917630	52.47	ug/l	99
86) p-Isopropyltoluene	13.514	119	828569	52.19	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	391328	50.04	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	382112	49.32	ug/l	99
89) n-Butylbenzene	13.843	91	792367	51.74	ug/l	98
90) Hexachloroethane	14.108	117	165346	52.41	ug/l	92
91) 1,2-Dichlorobenzene	13.890	146	336919	50.24	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24709	45.93	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	265160	51.18	ug/l	99
94) Hexachlorobutadiene	15.267	225	155919	54.23	ug/l	99
95) Naphthalene	15.396	128	448527	47.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	224769	50.12	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

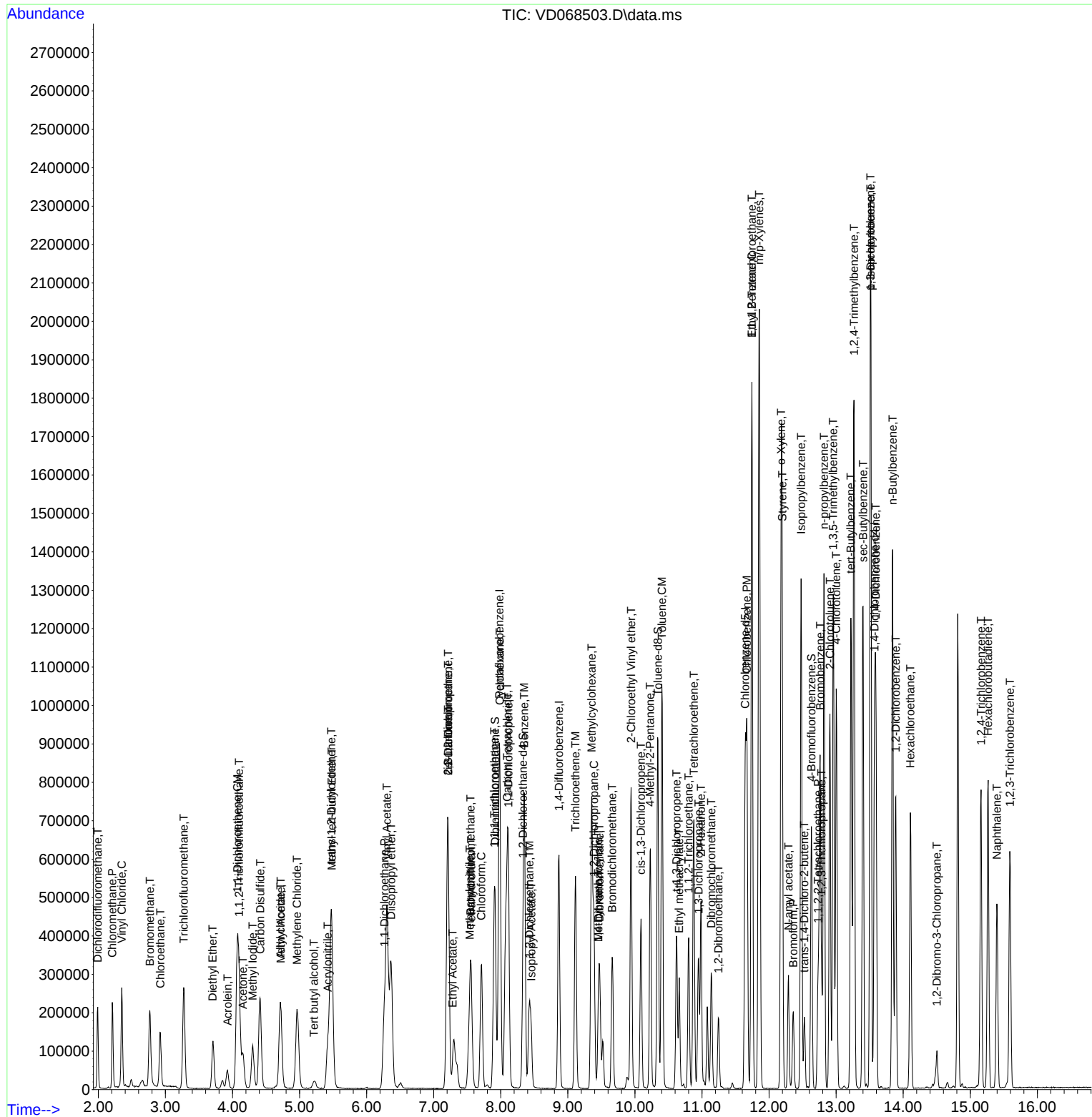
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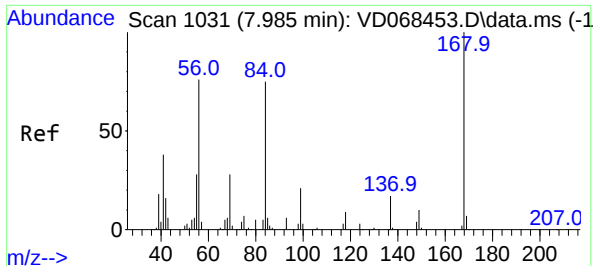
Instrument :
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Manual Integrations
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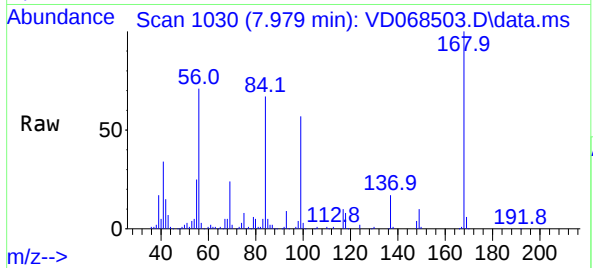
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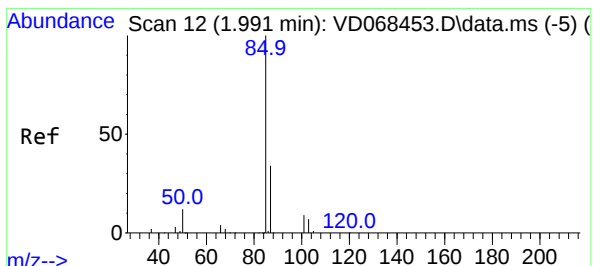
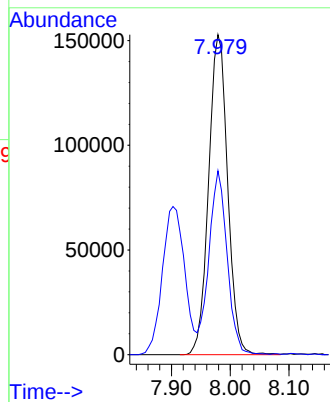
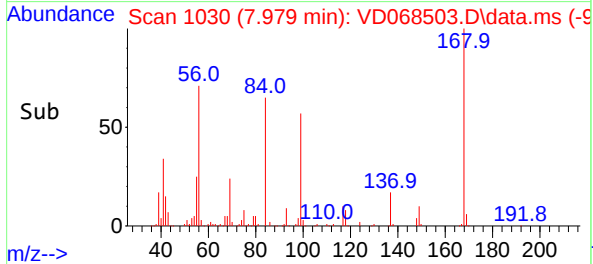




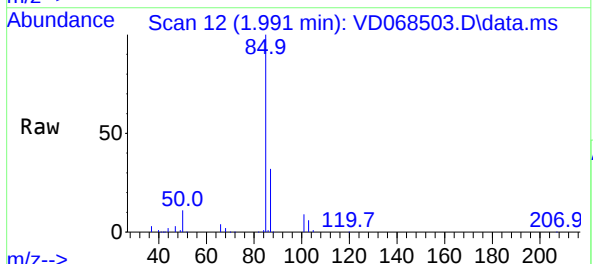
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



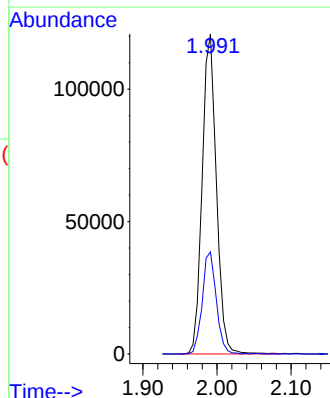
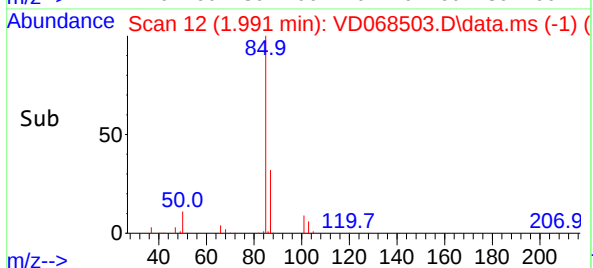
Tgt Ion:168 Resp: 343616
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



Dichlorodifluoromethane
Concen: 48.30 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



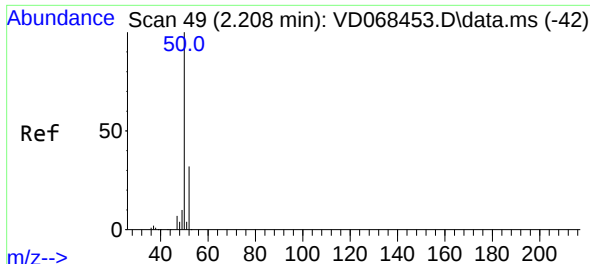
Tgt Ion: 85 Resp: 161072
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.1



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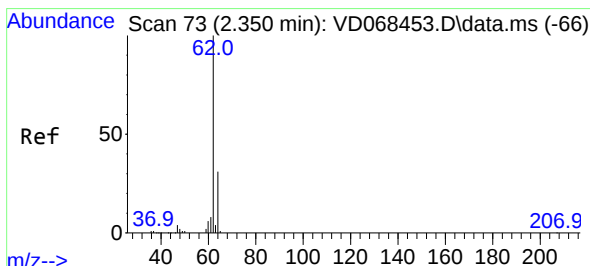
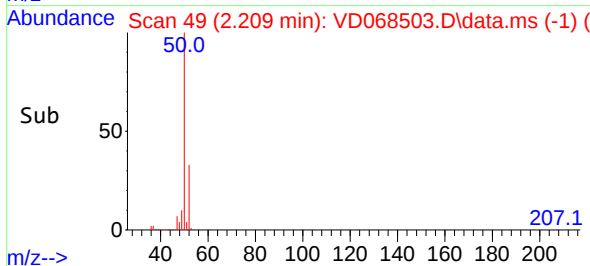
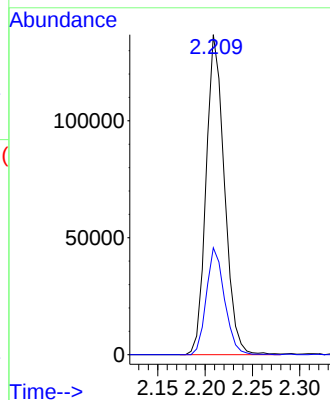
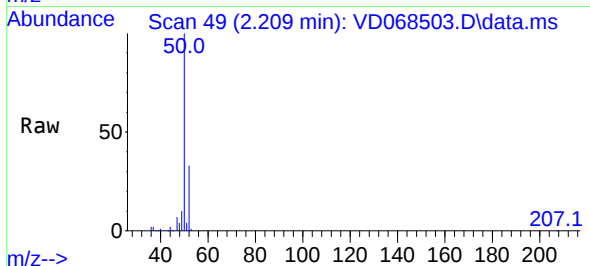
#3
Chloromethane
Concen: 43.66 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 50 Resp: 184007
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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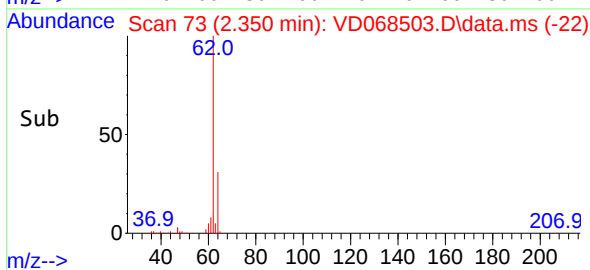
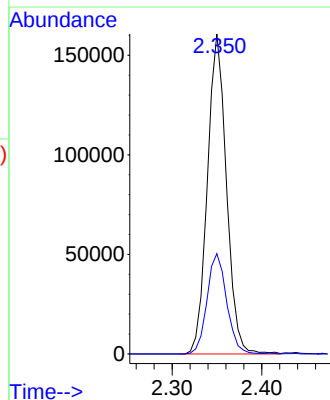
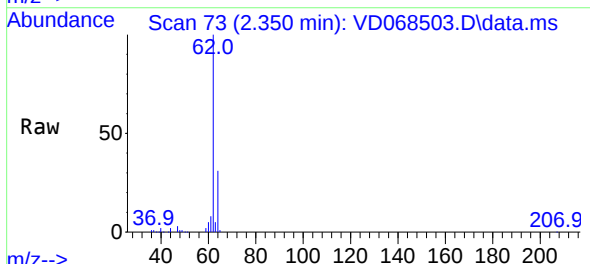
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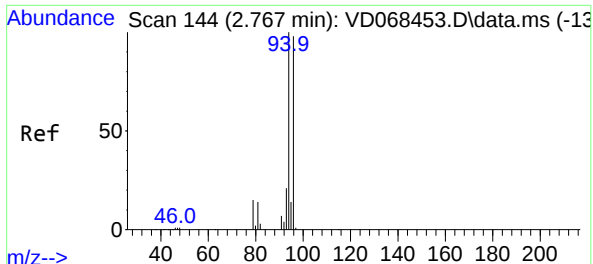
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#4
Vinyl Chloride
Concen: 47.32 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 62 Resp: 236771
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





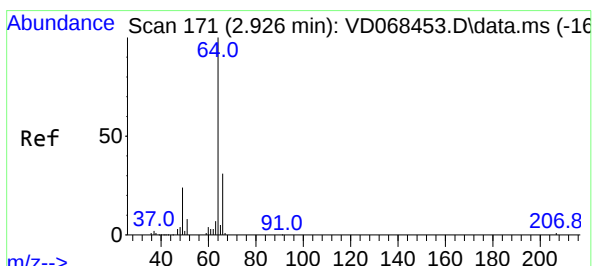
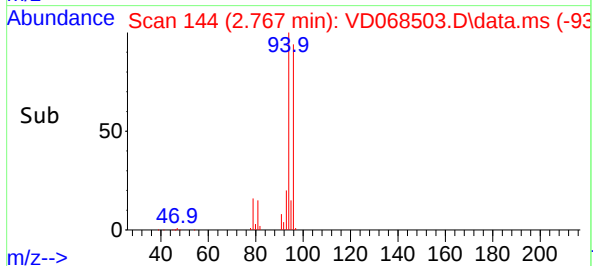
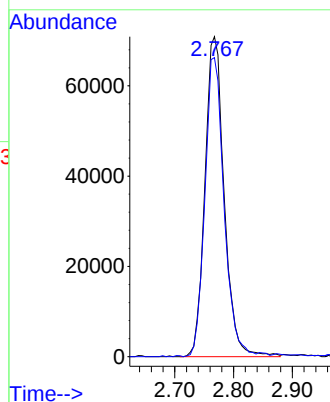
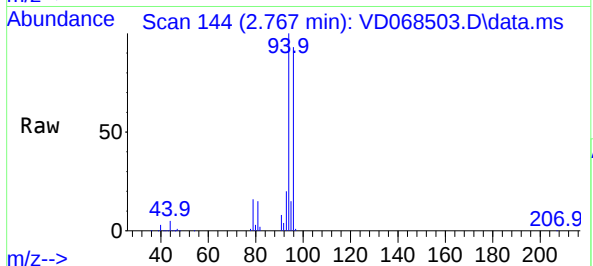
#5
Bromomethane
Concen: 45.20 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 94 Resp: 161061
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8

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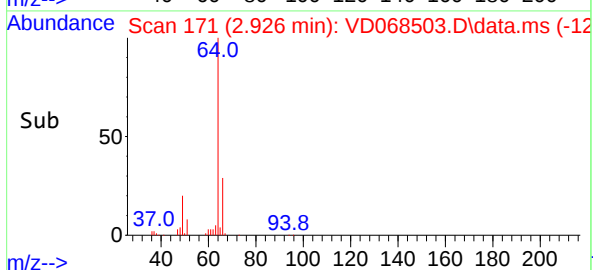
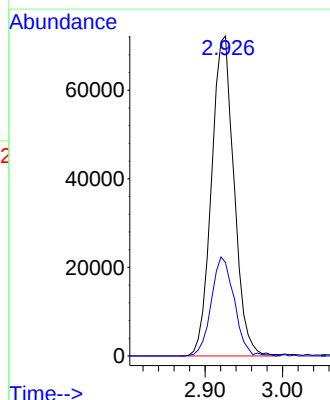
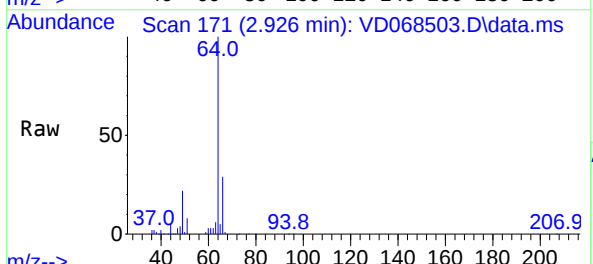
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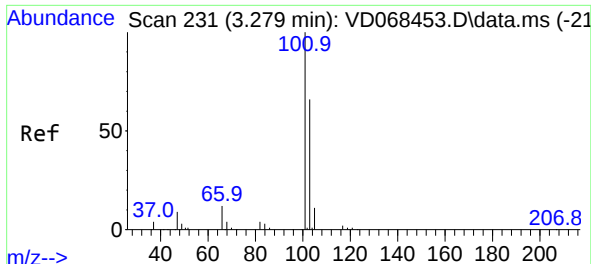
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#6
Chloroethane
Concen: 45.11 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 64 Resp: 145954
Ion Ratio Lower Upper
64 100
66 29.2 25.1 37.7





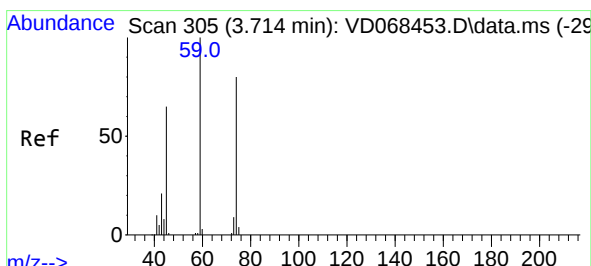
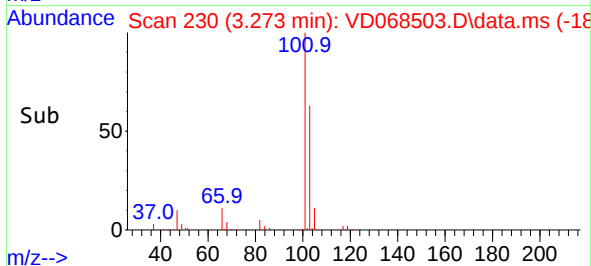
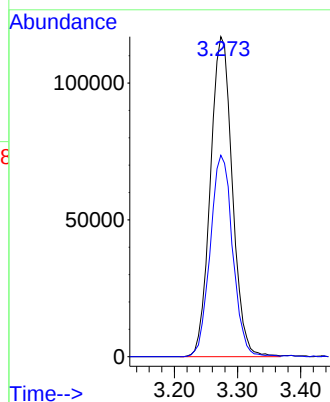
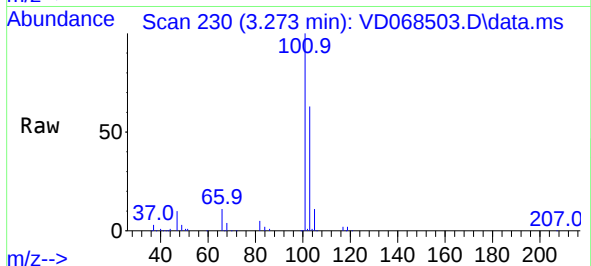
#7
Trichlorofluoromethane
Concen: 49.56 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:101 Resp: 282884
Ion Ratio Lower Upper
101 100
103 62.9 52.0 78.0

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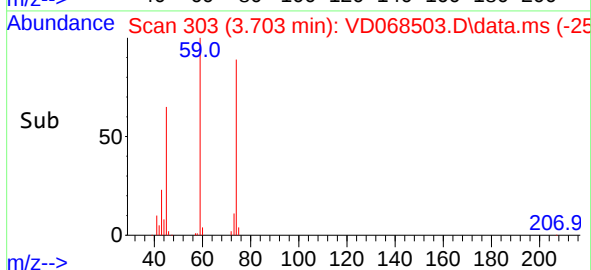
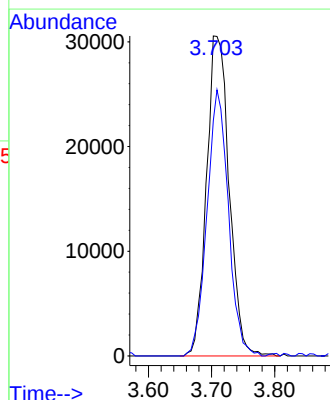
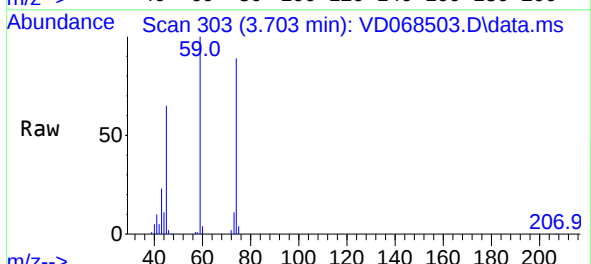
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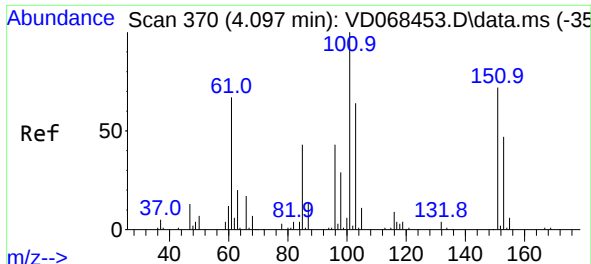
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#8
Diethyl Ether
Concen: 44.86 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.011 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 74 Resp: 76246
Ion Ratio Lower Upper
74 100
45 78.4 42.1 126.4





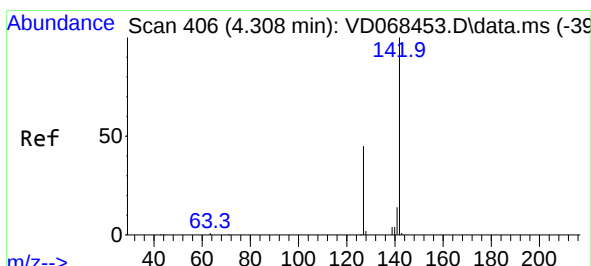
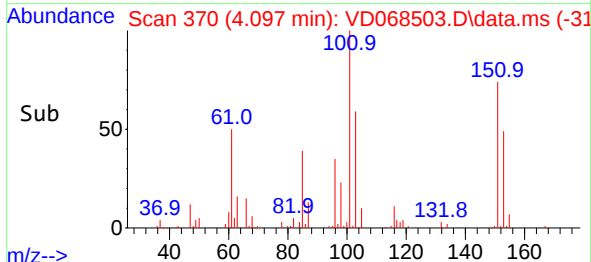
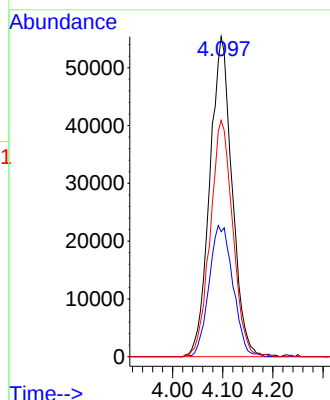
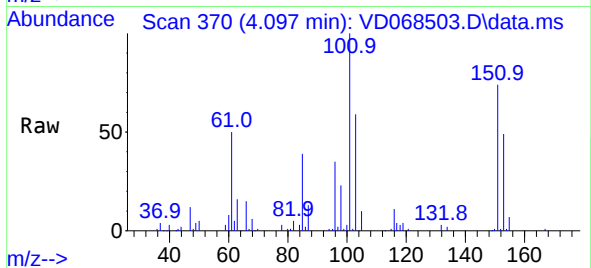
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.28 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:101 Resp: 171373
Ion Ratio Lower Upper
101 100
85 44.1 34.0 51.0
151 74.6 64.1 96.1

Instrument :
MSVOA_D
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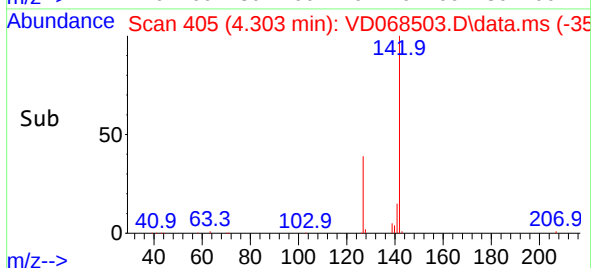
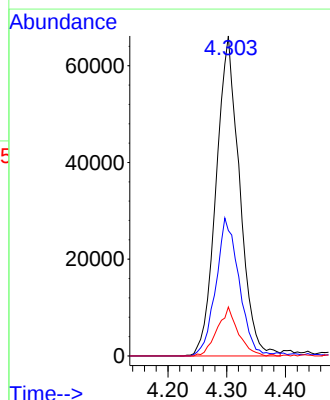
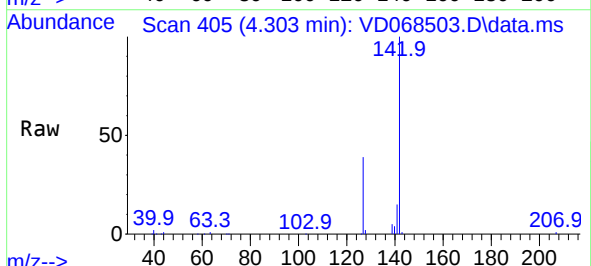
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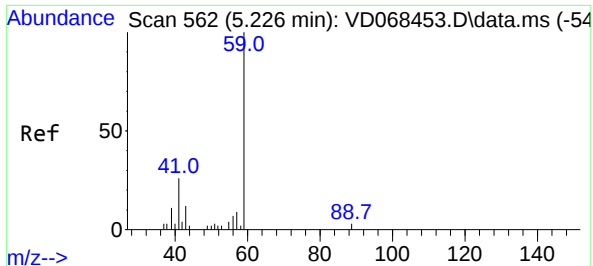
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#10
Methyl Iodide
Concen: 44.35 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:142 Resp: 183156
Ion Ratio Lower Upper
142 100
127 42.8 37.9 56.9
141 13.7 11.5 17.3





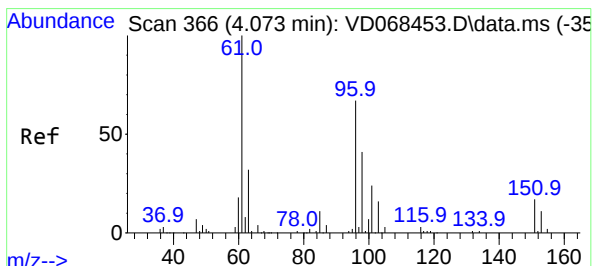
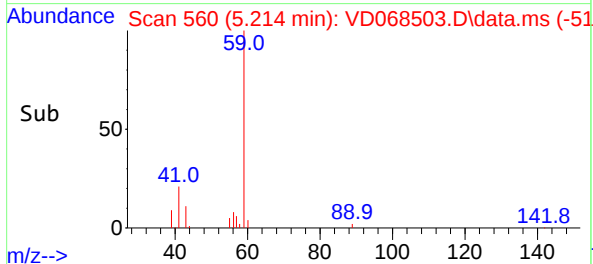
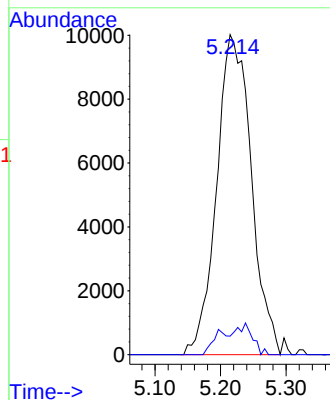
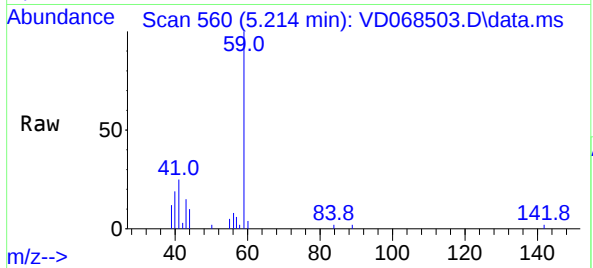
#11
Tert butyl alcohol
Concen: 200.49 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 59 Resp: 36750
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

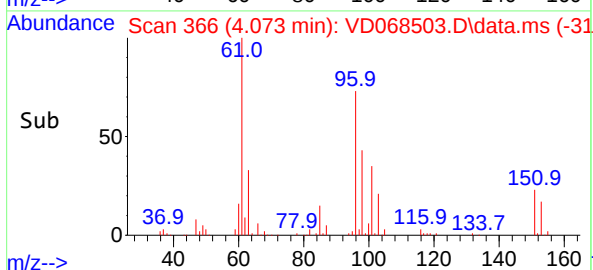
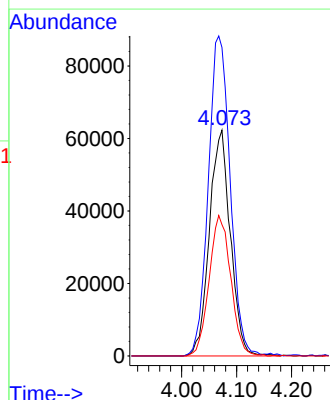
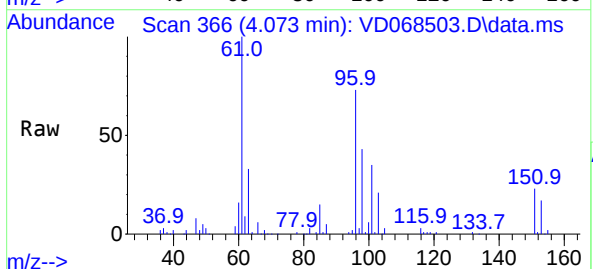
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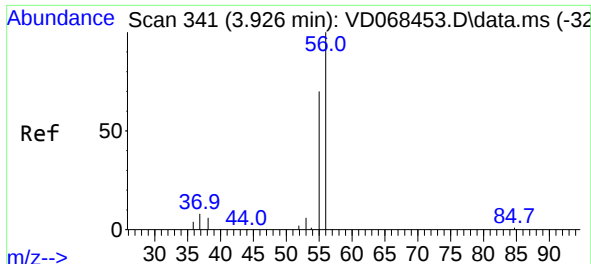
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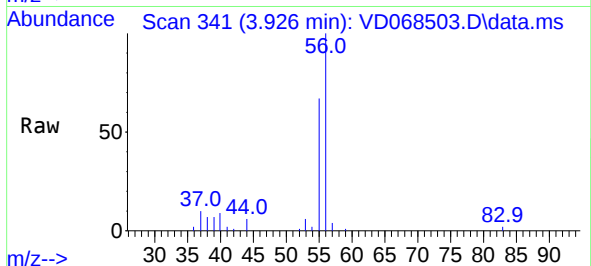
#12
1,1-Dichloroethene
Concen: 47.89 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 96 Resp: 165265
Ion Ratio Lower Upper
96 100
61 136.6 116.2 174.4
98 58.2 48.6 73.0

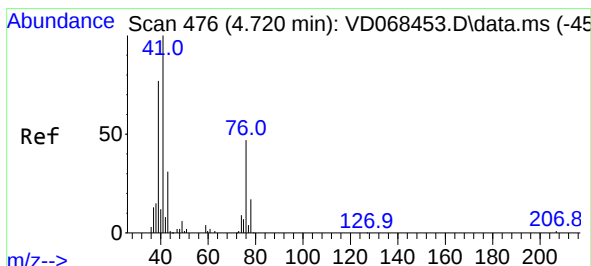
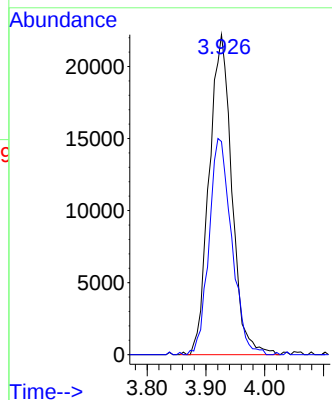
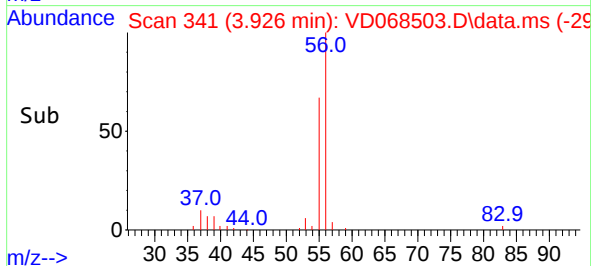




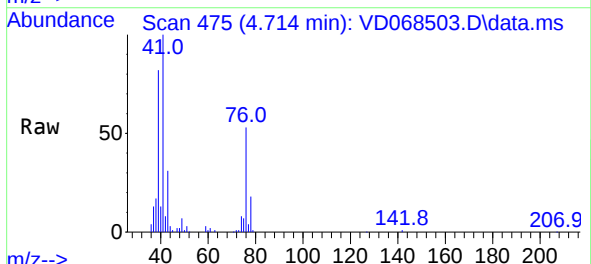
#13
Acrolein
Concen: 227.03 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



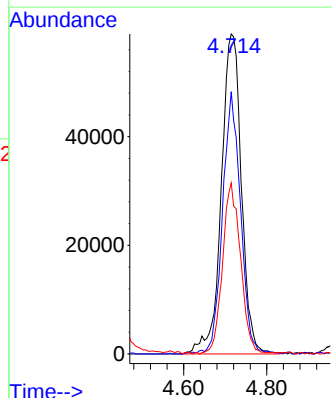
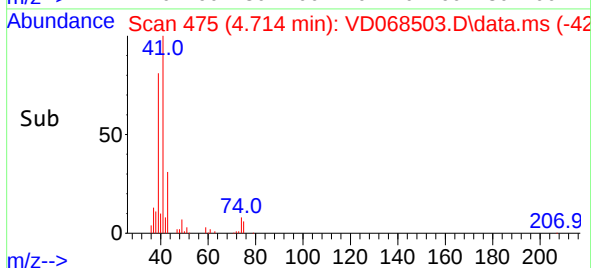
Tgt Ion: 56 Resp: 59479
Ion Ratio Lower Upper
56 100
55 67.6 56.5 84.7



#14
Allyl chloride
Concen: 44.38 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



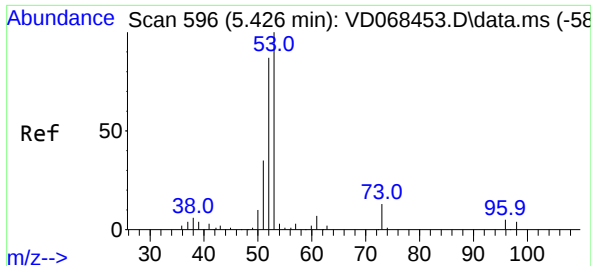
Tgt Ion: 41 Resp: 197741
Ion Ratio Lower Upper
41 100
39 73.5 56.3 84.5
76 47.8 38.9 58.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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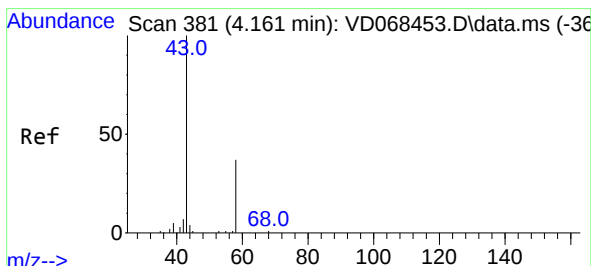
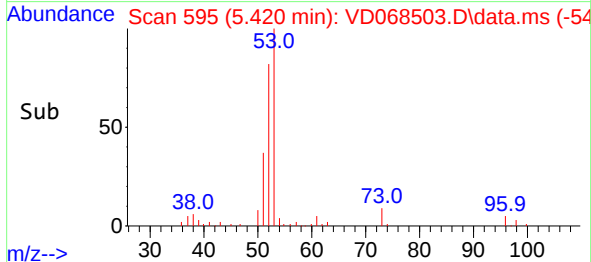
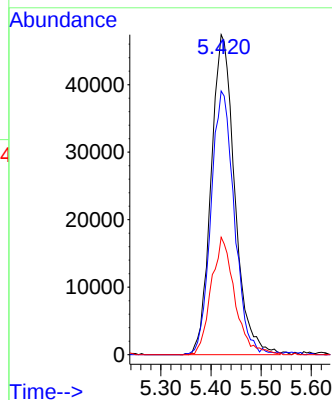
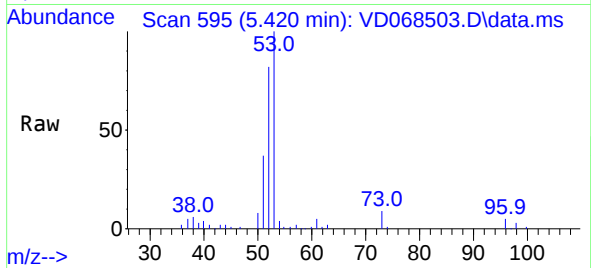
#15
Acrylonitrile
Concen: 216.39 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 53	Resp: 155217
Ion Ratio	Lower Upper
53 100	
52 81.8	66.2 99.2
51 36.7	29.0 43.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

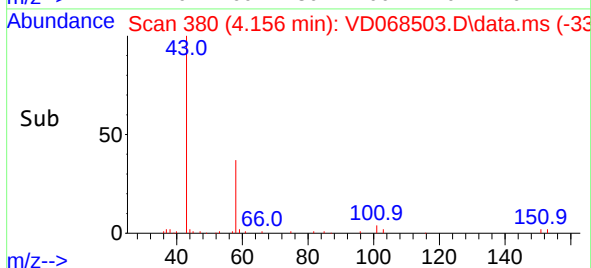
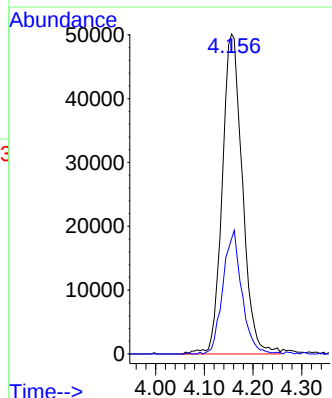
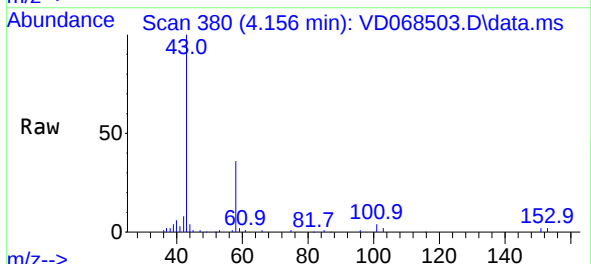
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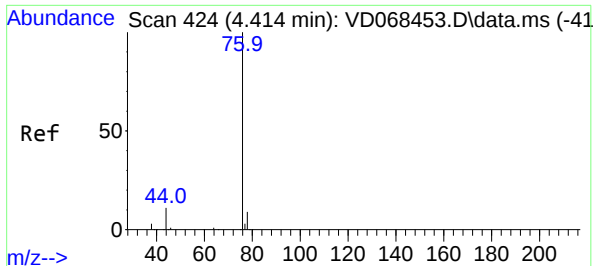
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#16
Acetone
Concen: 264.68 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 43	Resp: 144341
Ion Ratio	Lower Upper
43 100	
58 36.0	24.2 36.4





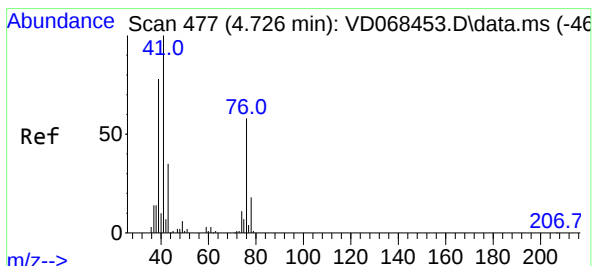
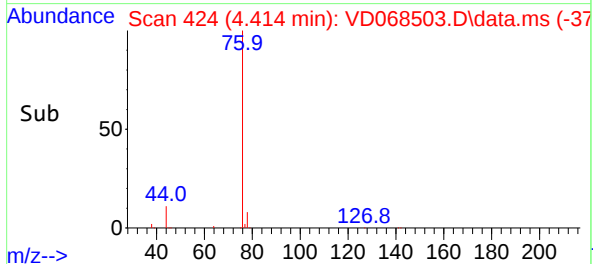
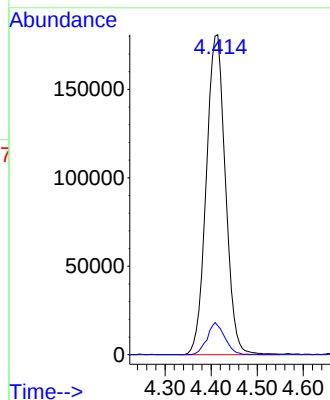
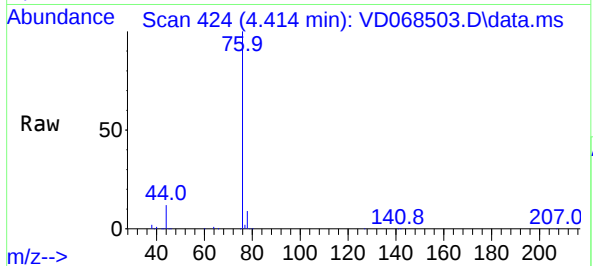
#17
Carbon Disulfide
Concen: 46.34 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 76 Resp: 523950
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

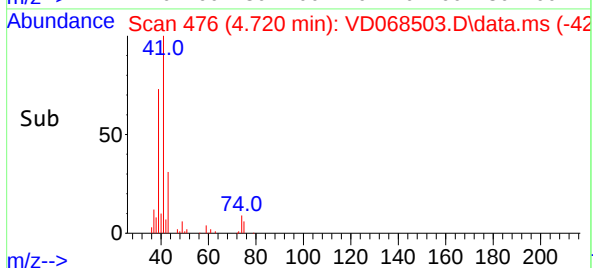
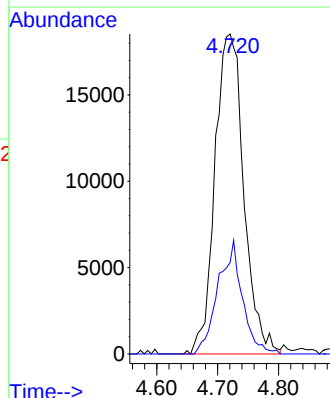
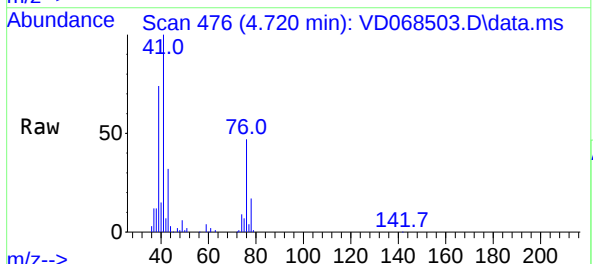
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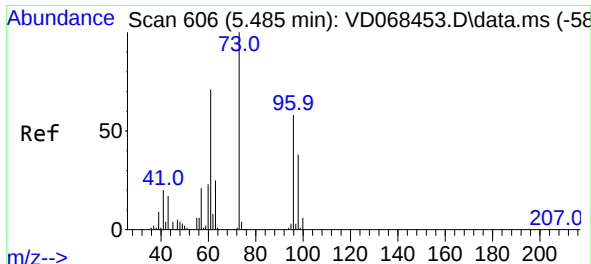
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#18
Methyl Acetate
Concen: 43.45 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 43 Resp: 61076
Ion Ratio Lower Upper
43 100
74 29.9 25.4 38.0





#19

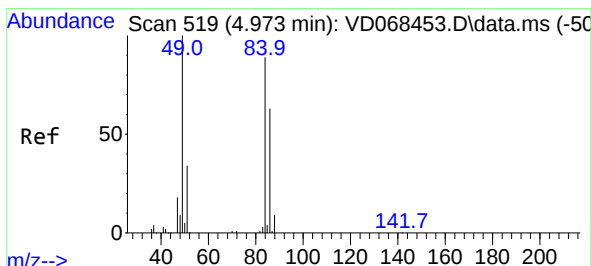
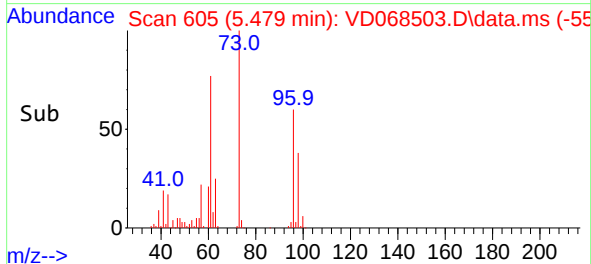
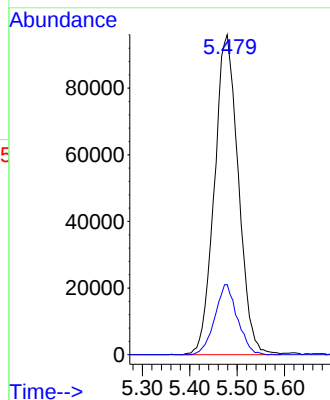
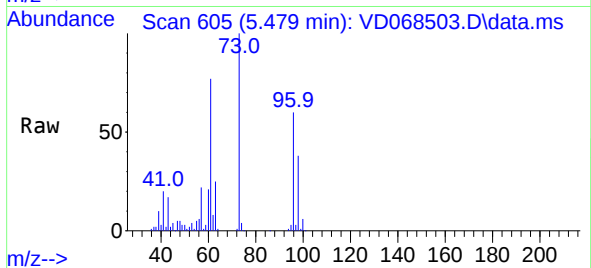
Methyl tert-butyl Ether
Concen: 45.10 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 73 Resp: 337452
Ion Ratio Lower Upper
73 100
57 21.9 14.4 21.6#

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

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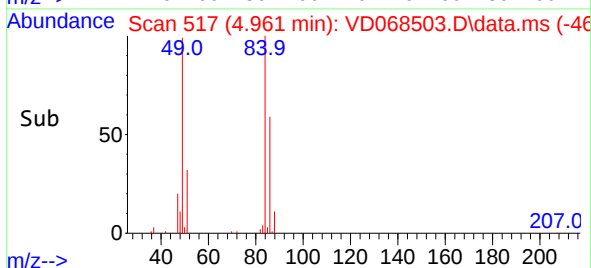
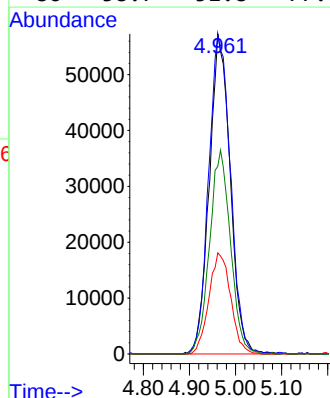
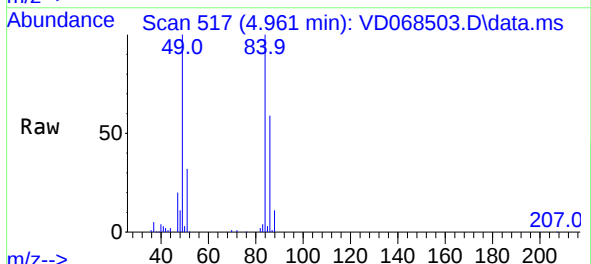
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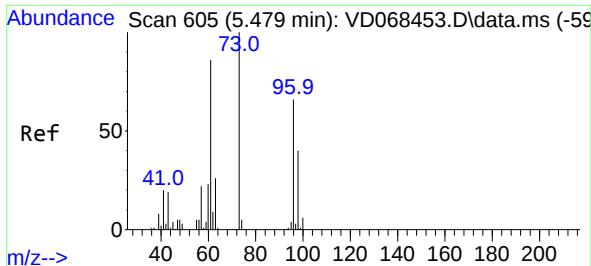


#20

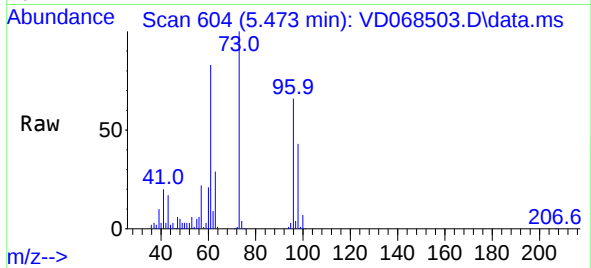
Methylene Chloride
Concen: 43.77 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 84 Resp: 180633
Ion Ratio Lower Upper
84 100
49 99.8 77.4 116.2
51 31.6 26.1 39.1
86 58.7 51.8 77.8

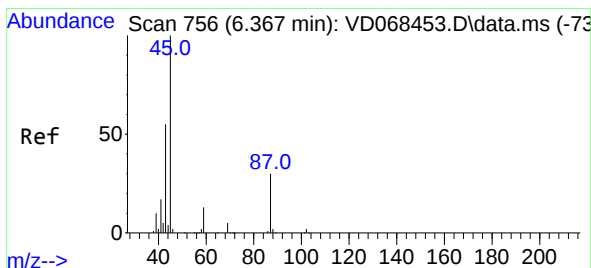
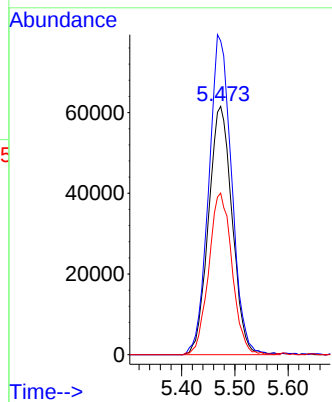
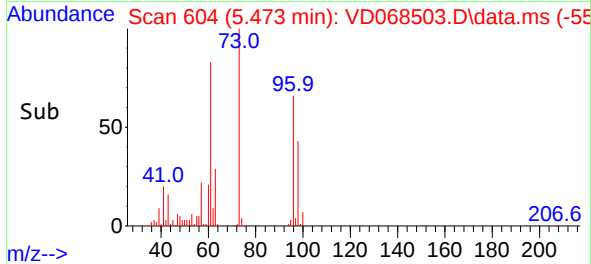




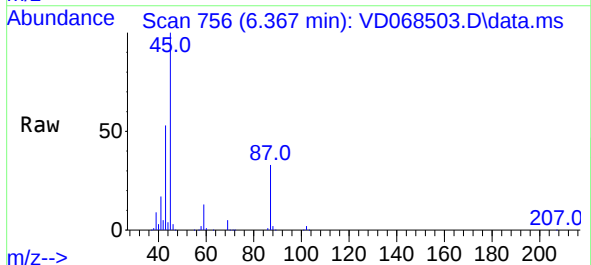
#21
trans-1,2-Dichloroethene
Concen: 46.12 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



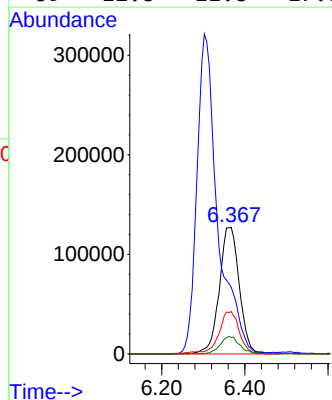
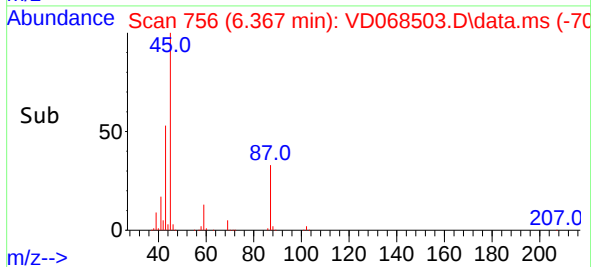
Tgt Ion: 96 Resp: 190015
Ion Ratio Lower Upper
96 100
61 126.3 96.7 145.1
98 65.1 47.6 71.4



#22
Diisopropyl ether
Concen: 43.31 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



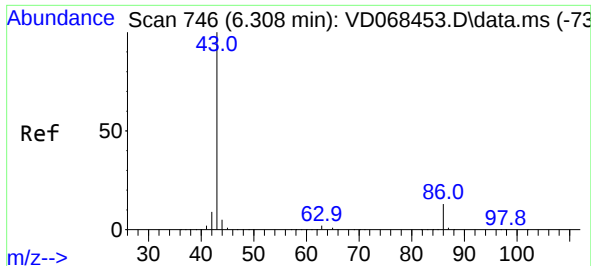
Tgt Ion: 45 Resp: 424962
Ion Ratio Lower Upper
45 100
43 51.9 43.9 65.9
87 33.4 29.9 44.9
59 12.8 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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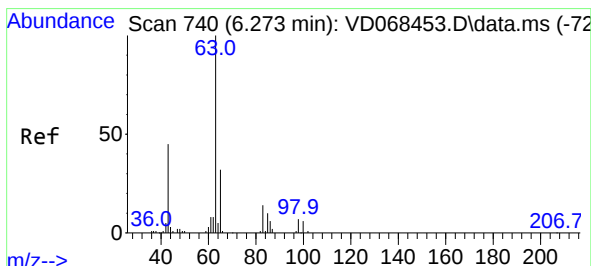
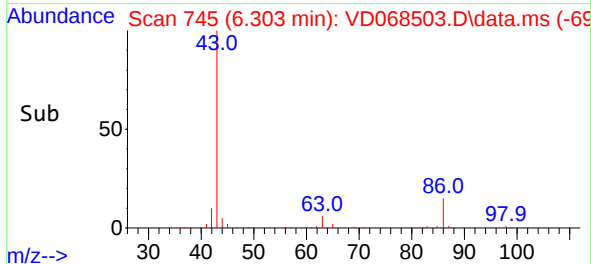
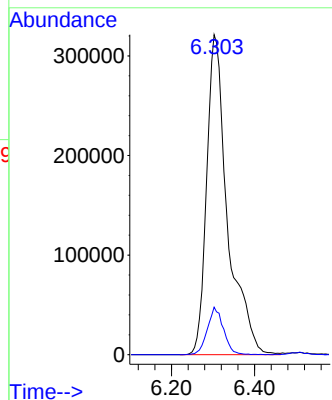
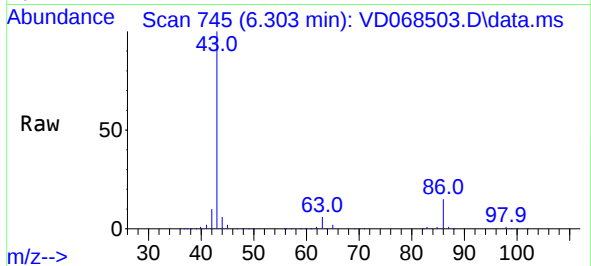
#23
 Vinyl Acetate
 Concen: 220.32 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD068503.D
 Acq: 03 Mar 2021 10:17

Tgt Ion: 43 Resp: 1121558
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

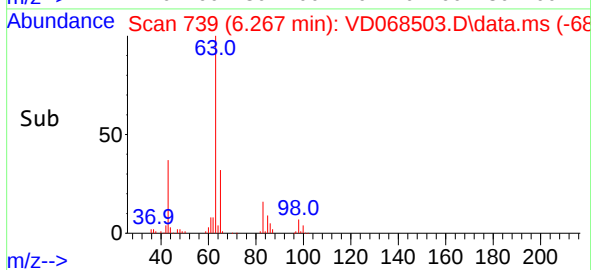
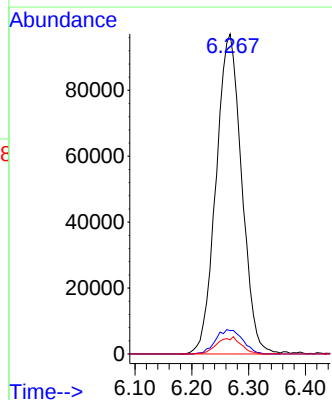
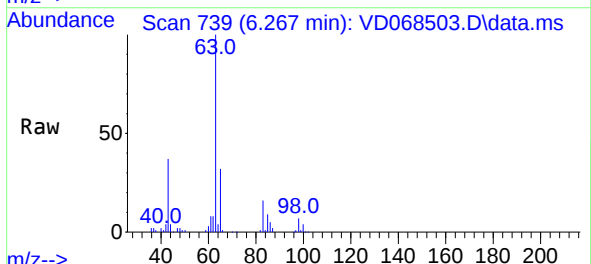
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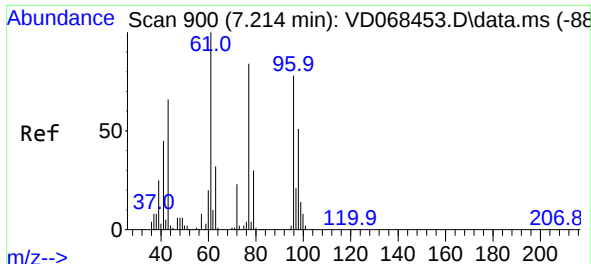
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#24
 1,1-Dichloroethane
 Concen: 45.22 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068503.D
 Acq: 03 Mar 2021 10:17

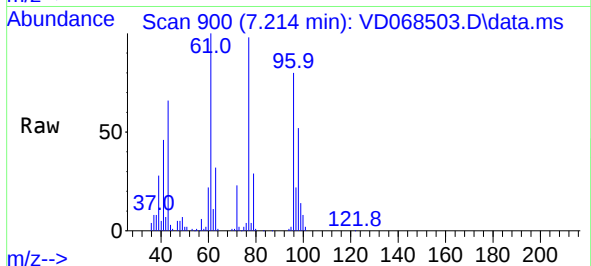
Tgt Ion: 63 Resp: 304152
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.4 2.6 8.0





#25
2-Butanone
Concen: 220.56 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

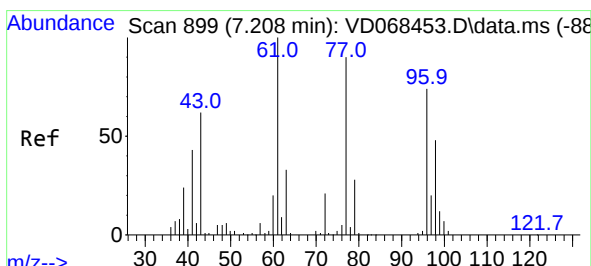
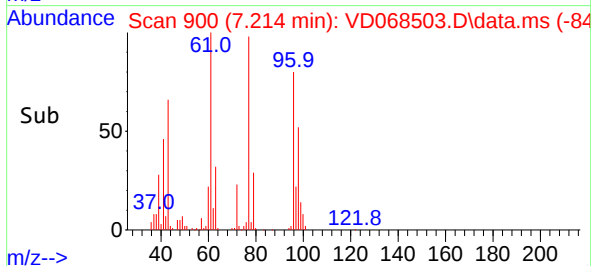
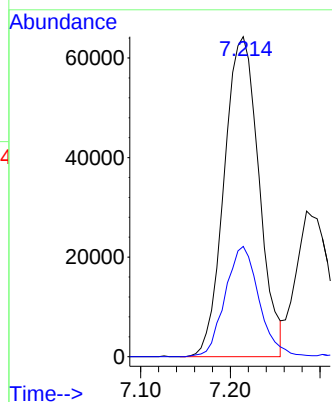
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172898
Ion Ratio Lower Upper
43 100
72 34.5 25.1 37.7

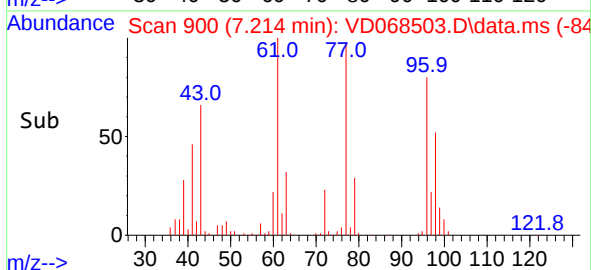
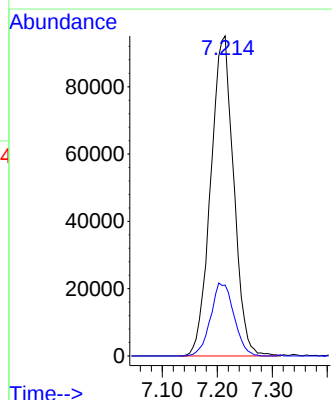
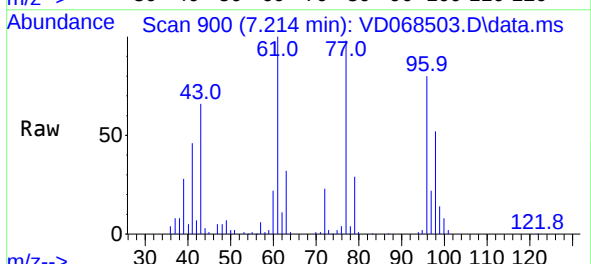
Manual Integrations
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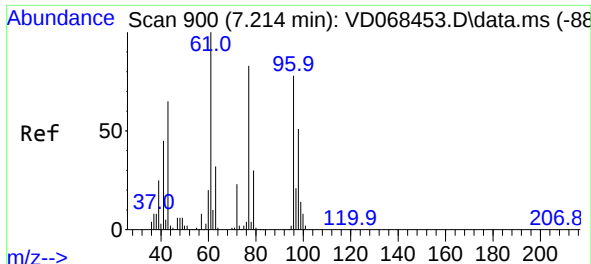
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#26
2,2-Dichloropropane
Concen: 49.30 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

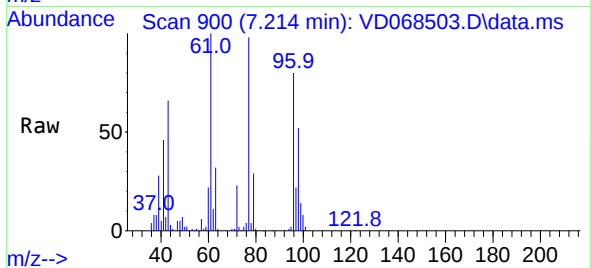
Tgt Ion: 77 Resp: 276223
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 46.10 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

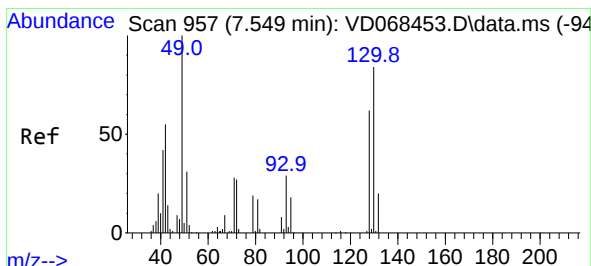
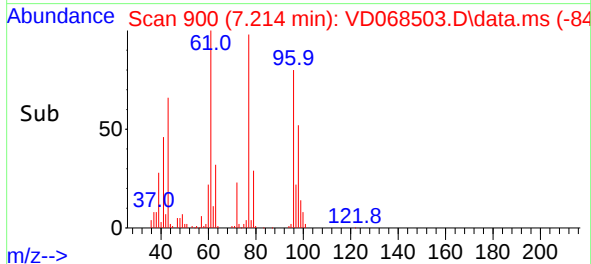
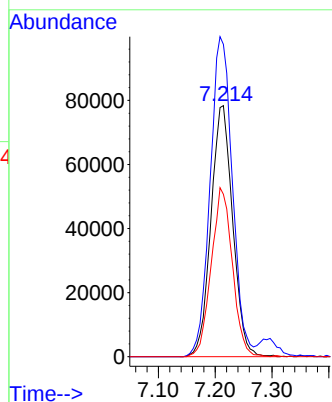
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 208541
Ion Ratio Lower Upper
96 100
61 130.4 0.0 257.4
98 65.3 0.0 126.6

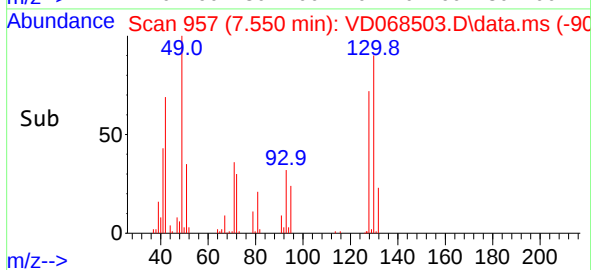
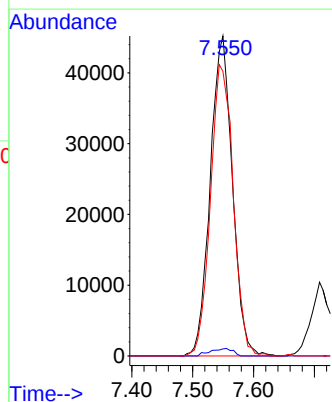
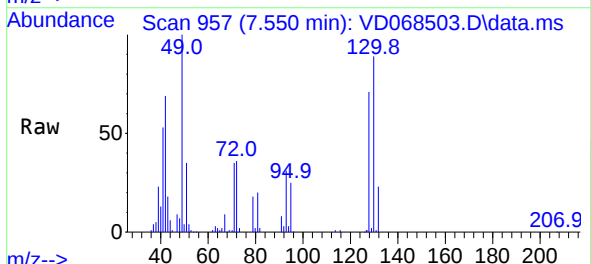
Manual Integrations
APPROVED

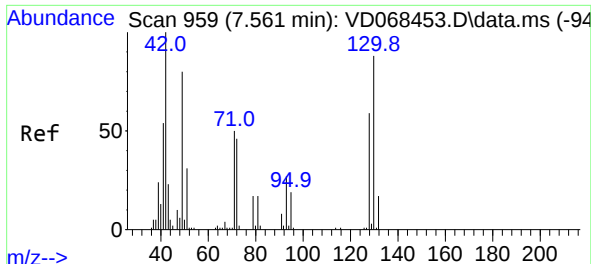
MMDadoda
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#28
Bromochloromethane
Concen: 43.55 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 49 Resp: 114323
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 93.2 85.5 128.3





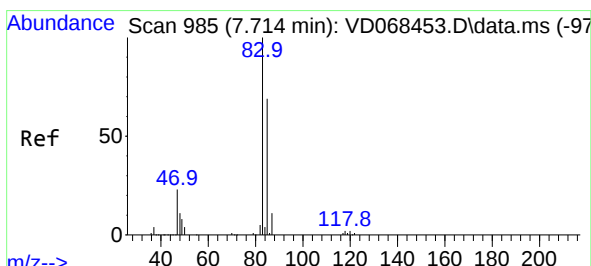
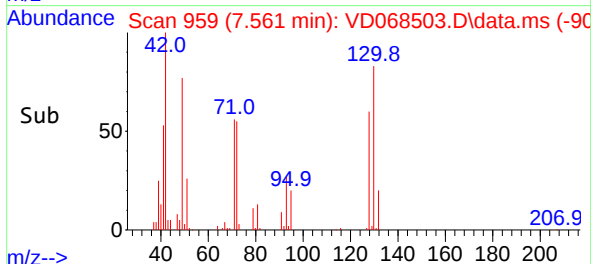
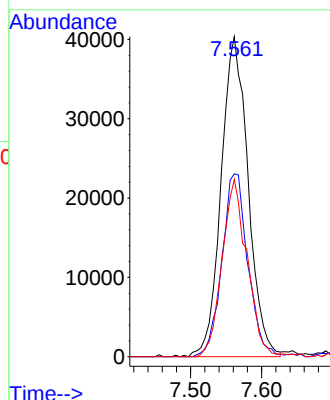
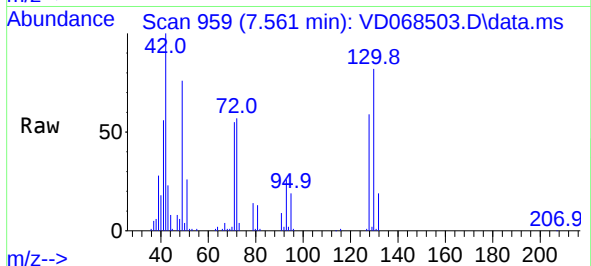
#29
Tetrahydrofuran
Concen: 208.92 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 42 Resp: 106344
Ion Ratio Lower Upper
42 100
72 54.8 43.4 65.0
71 51.6 40.8 61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

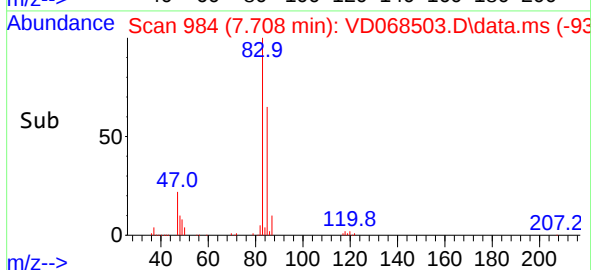
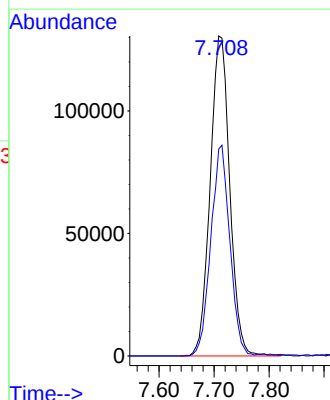
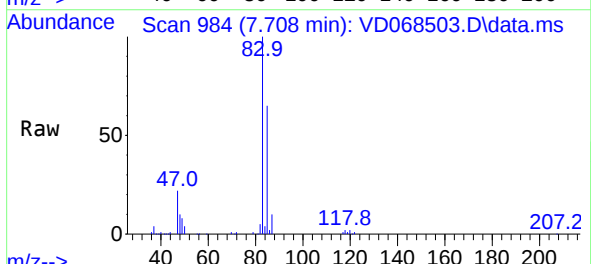
Manual Integrations
APPROVED

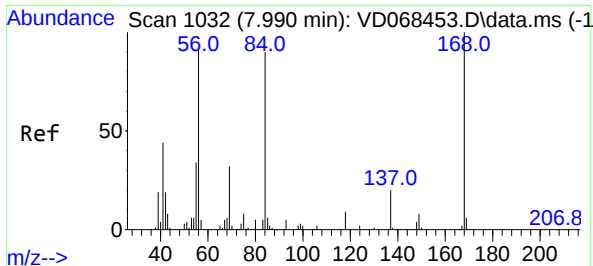
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#30
Chloroform
Concen: 45.46 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

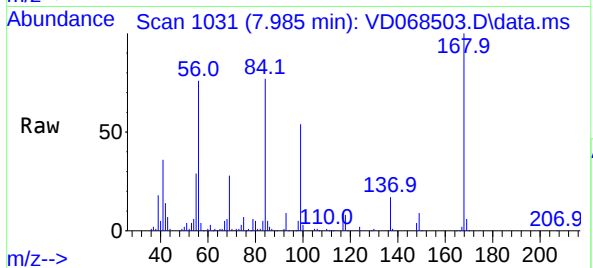
Tgt Ion: 83 Resp: 322911
Ion Ratio Lower Upper
83 100
85 64.7 53.4 80.0





#31
Cyclohexane
Concen: 44.77 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

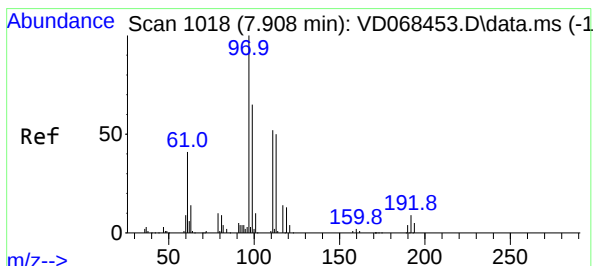
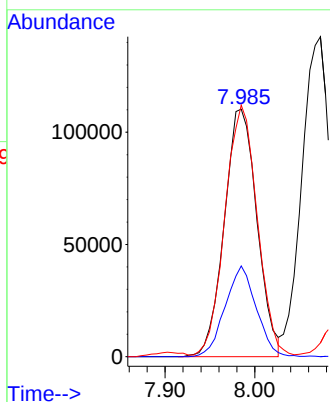
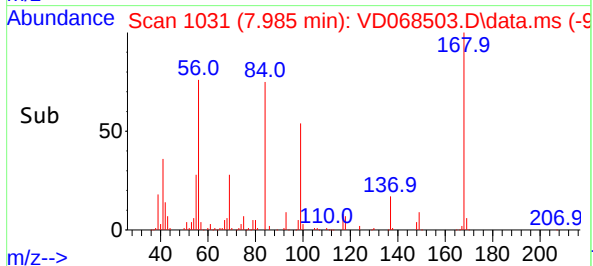
Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050



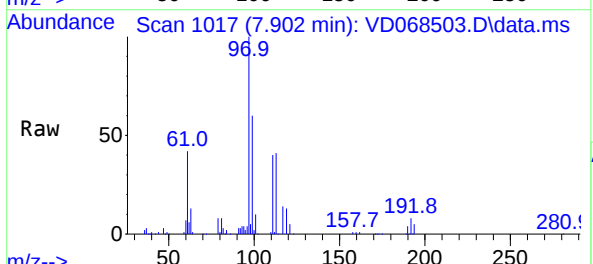
Tgt Ion: 56 Resp: 279552
Ion Ratio Lower Upper
56 100
69 36.7 30.1 45.1
84 100.3 82.1 123.1

Manual Integrations
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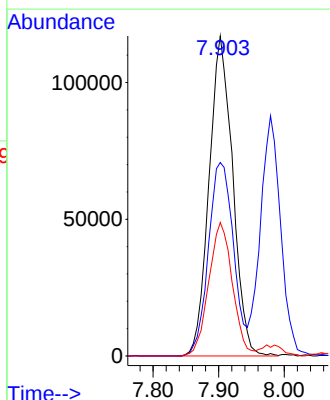
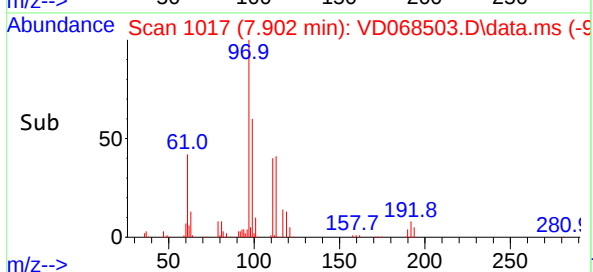
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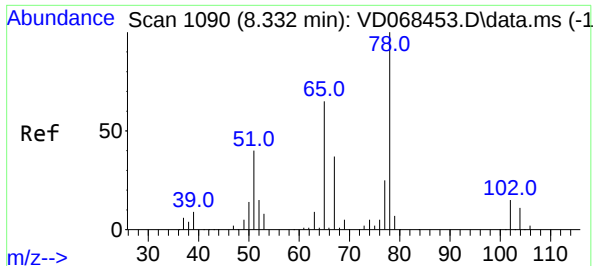


#32
1,1,1-Trichloroethane
Concen: 48.27 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



Tgt Ion: 97 Resp: 292604
Ion Ratio Lower Upper
97 100
99 64.5 52.1 78.1
61 41.9 30.1 45.1





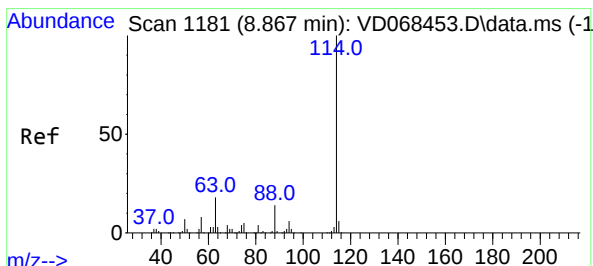
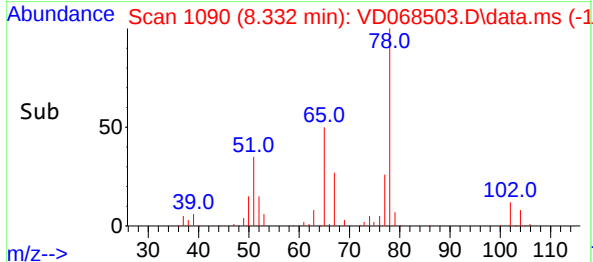
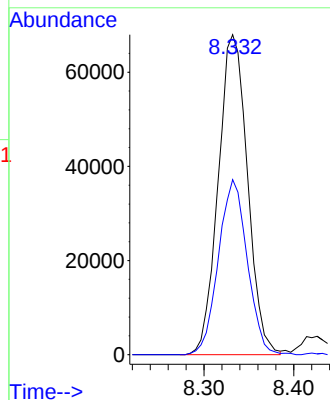
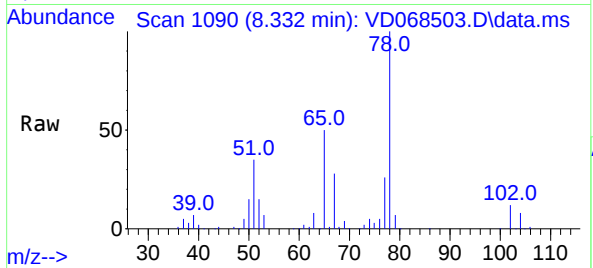
#33
1,2-Dichloroethane-d4
Concen: 44.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 65 Resp: 153885
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

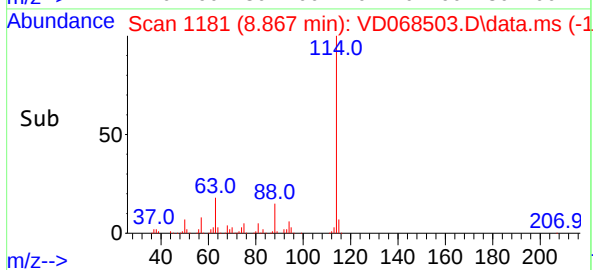
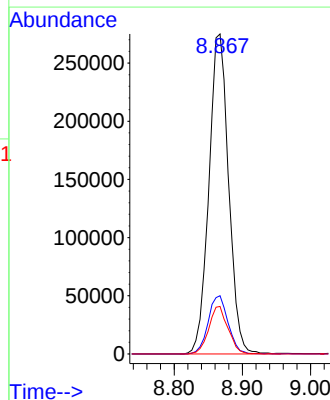
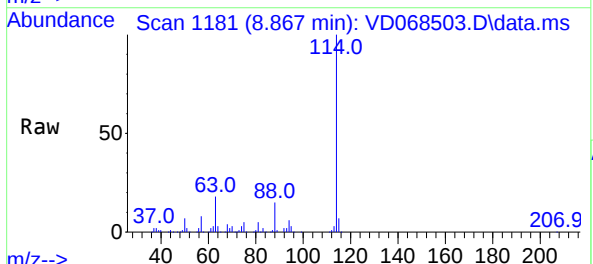
Manual Integrations
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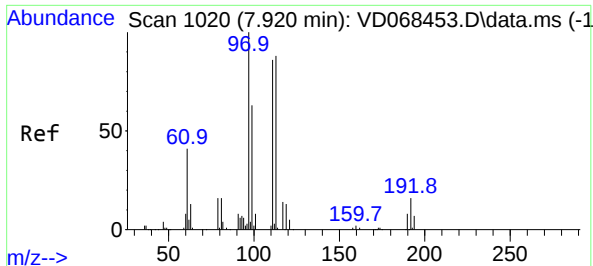
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 114 Resp: 554124
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.40 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068503.D

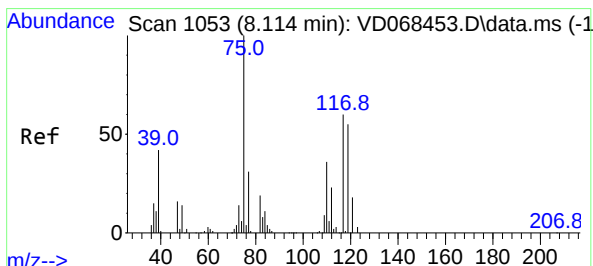
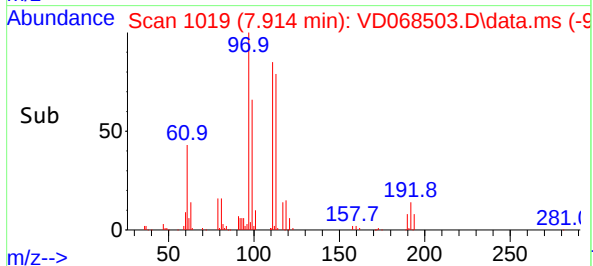
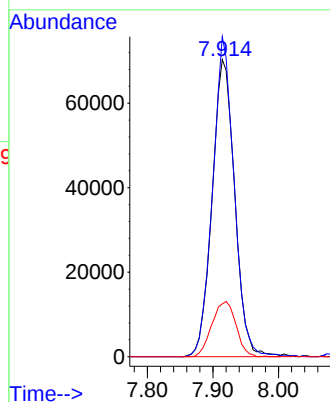
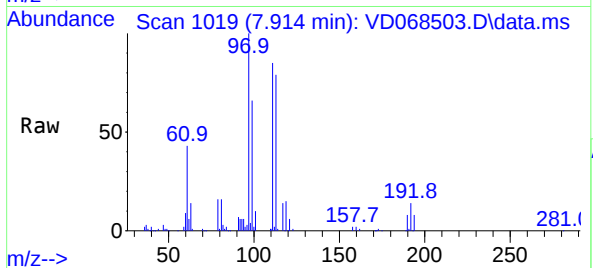
Acq: 03 Mar 2021 10:17

Tgt Ion:	113	Resp:	168239
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	19.7	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.28 ug/l

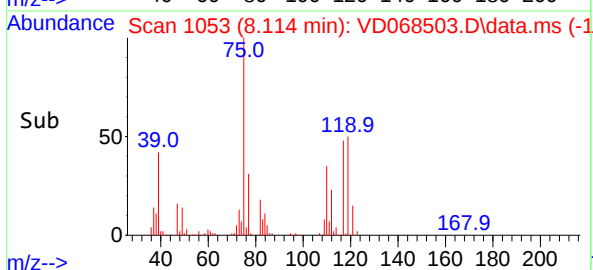
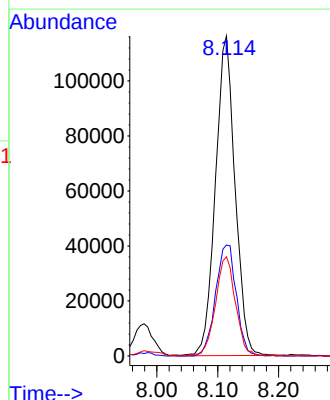
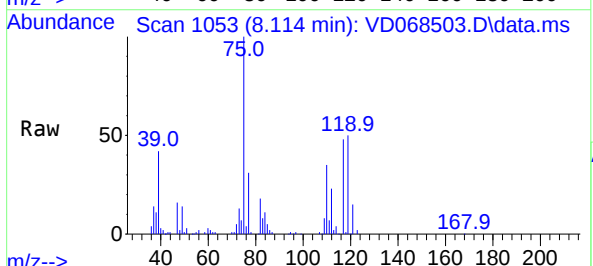
RT: 8.114 min Scan# 1053

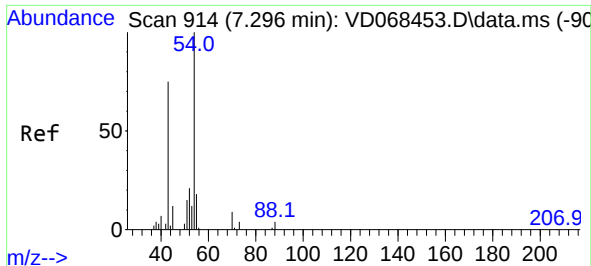
Delta R.T. 0.000 min

Lab File: VD068503.D

Acq: 03 Mar 2021 10:17

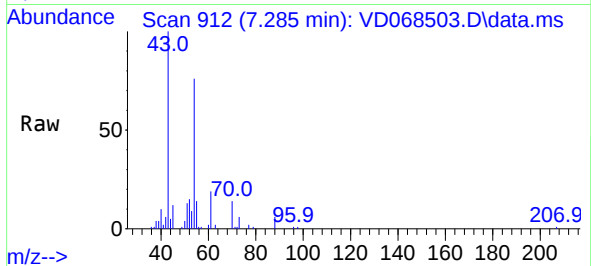
Tgt Ion:	75	Resp:	259568
Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.4	58.2
77	31.7	25.3	37.9





#37
Ethyl Acetate
Concen: 45.44 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.011 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

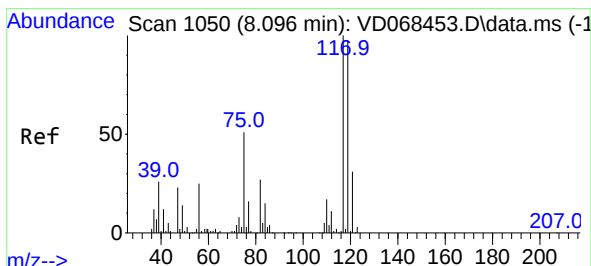
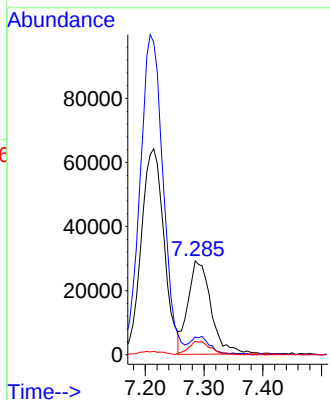
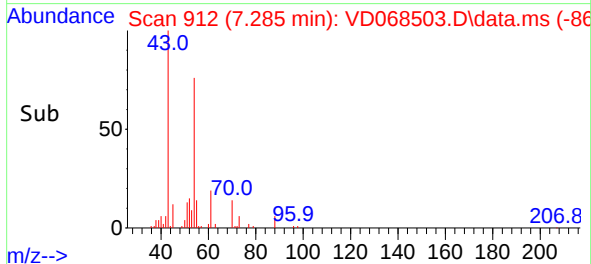
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



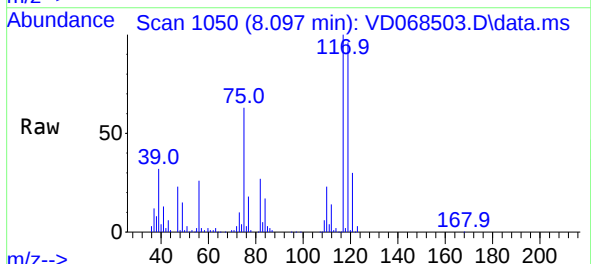
Tgt Ion: 43 Resp: 79404
Ion Ratio Lower Upper
43 100
61 15.7 12.9 19.3
70 13.6 11.0 16.6

Manual Integrations
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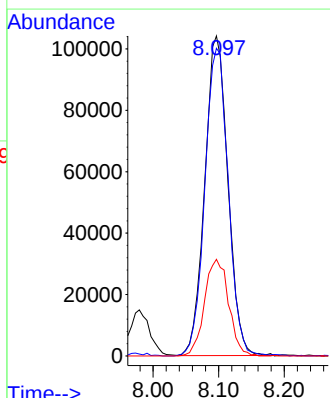
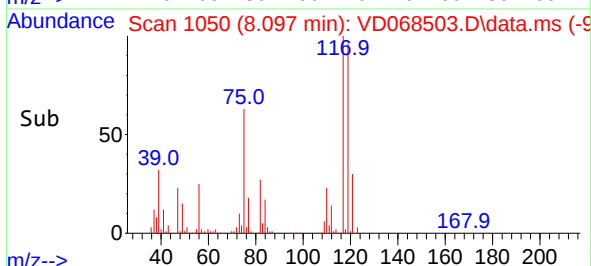
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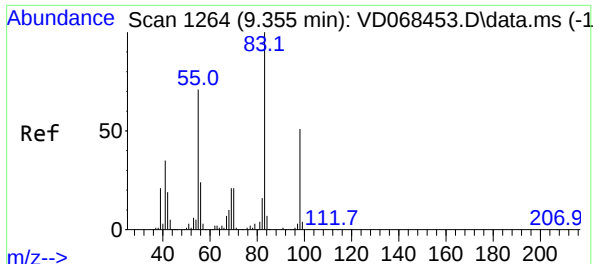


#38
Carbon Tetrachloride
Concen: 51.54 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



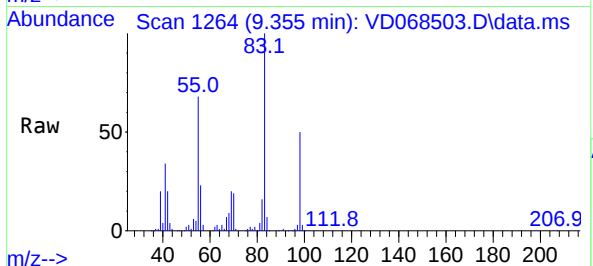
Tgt Ion: 117 Resp: 255070
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
121 30.3 24.7 37.1





#39
Methylcyclohexane
Concen: 51.48 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

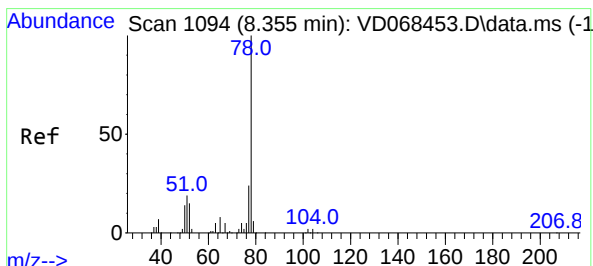
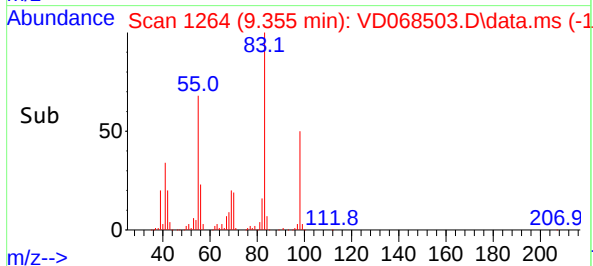
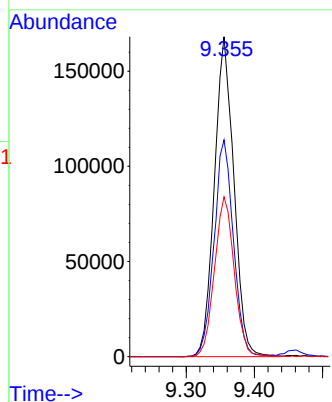
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 334412
Ion Ratio Lower Upper
83 100
55 67.8 55.2 82.8
98 50.0 39.1 58.7

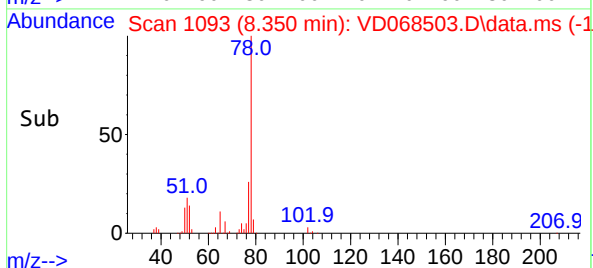
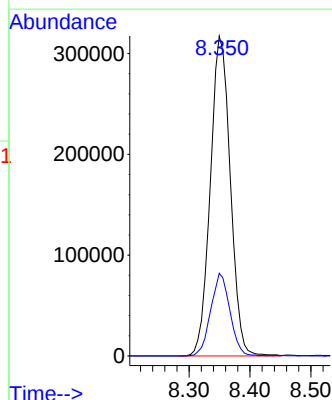
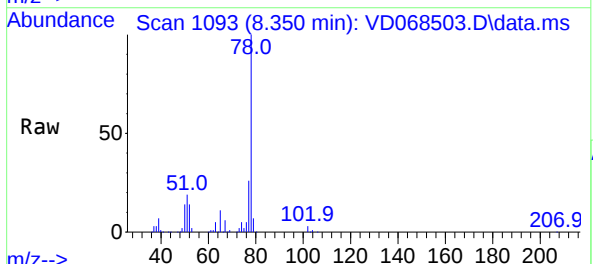
Manual Integrations
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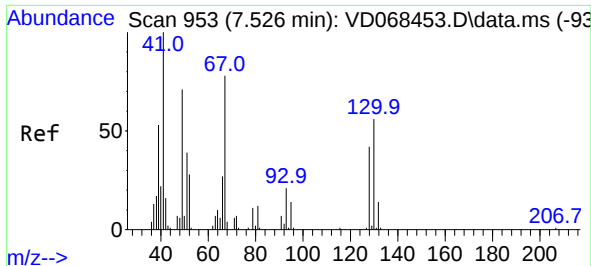
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3/4/2021 2:04:16 PM



#40
Benzene
Concen: 48.01 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

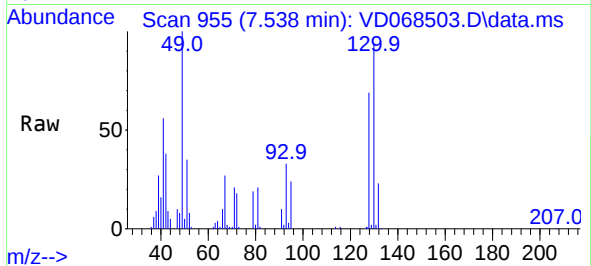
Tgt Ion: 78 Resp: 725312
Ion Ratio Lower Upper
78 100
77 25.9 17.8 26.6





#41
Methacrylonitrile
Concen: 53.34 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

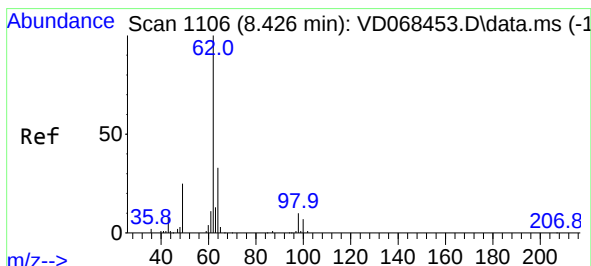
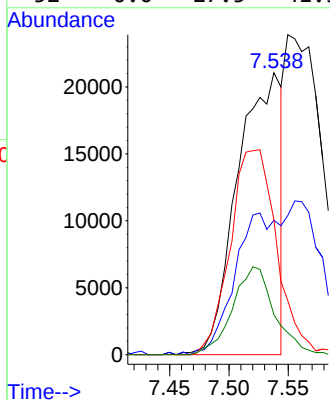
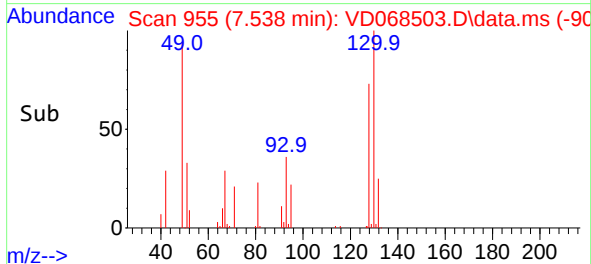
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



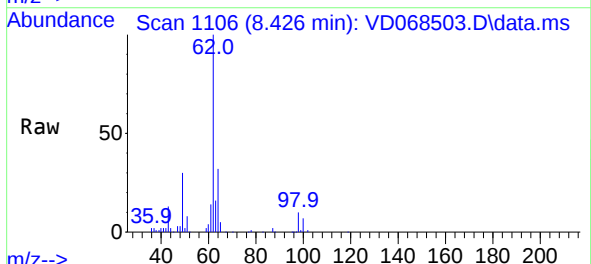
Tgt Ion: 41 Resp: 54105
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
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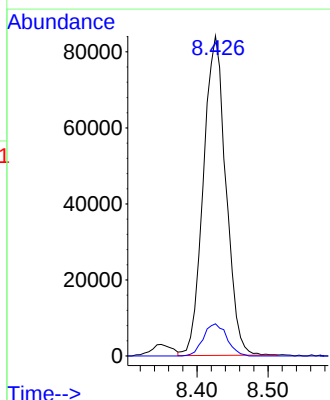
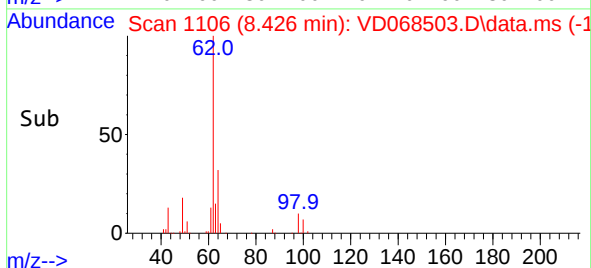
MMDadoda
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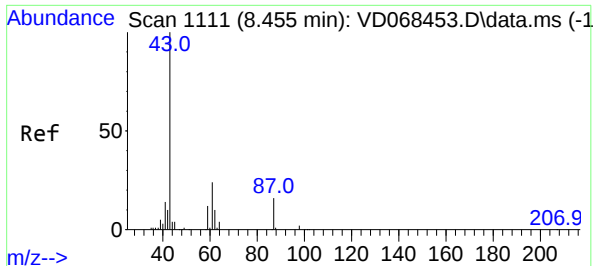


#42
1,2-Dichloroethane
Concen: 46.58 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



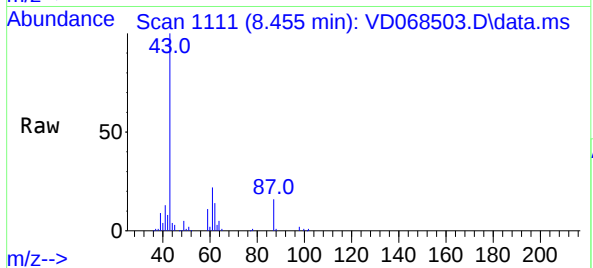
Tgt Ion: 62 Resp: 185079
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 47.31 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

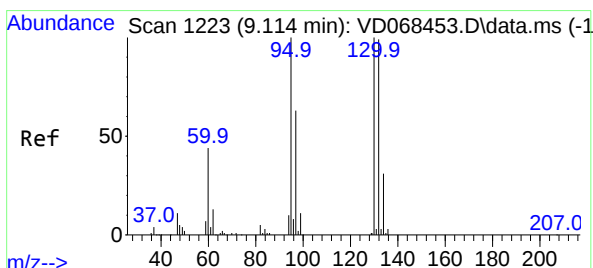
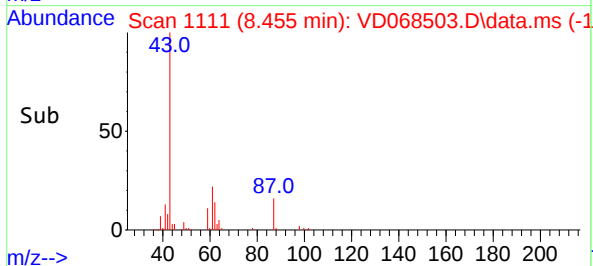
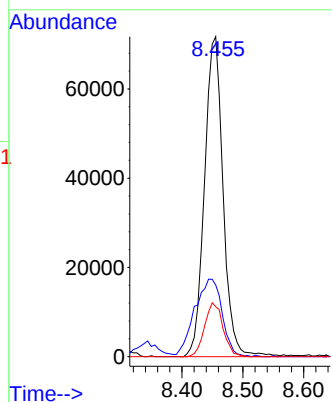
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 151968
Ion Ratio Lower Upper
43 100
61 35.9 28.7 43.1
87 16.8 13.9 20.9

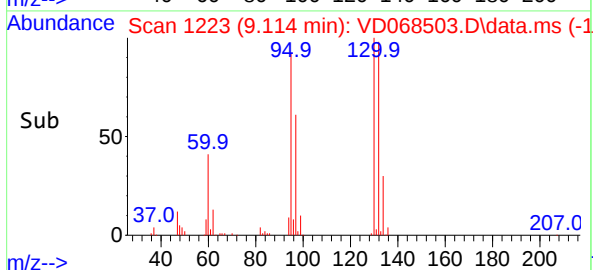
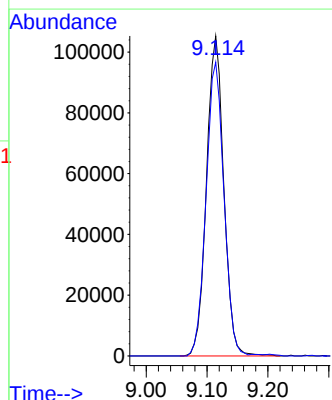
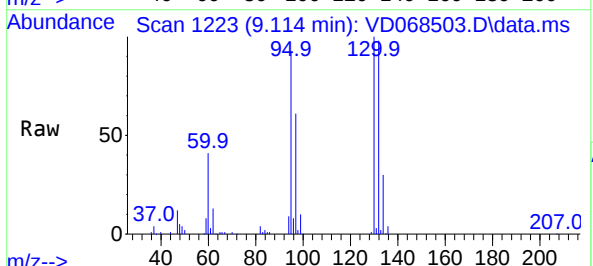
Manual Integrations
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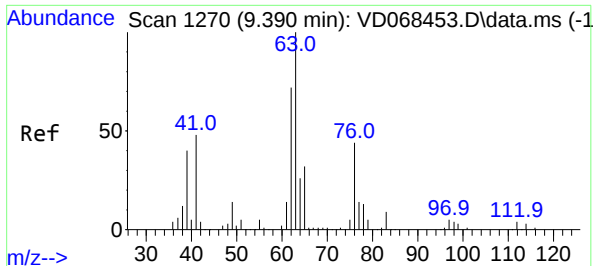
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#44
Trichloroethene
Concen: 50.10 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:130 Resp: 207778
Ion Ratio Lower Upper
130 100
95 91.8 0.0 191.2





#45

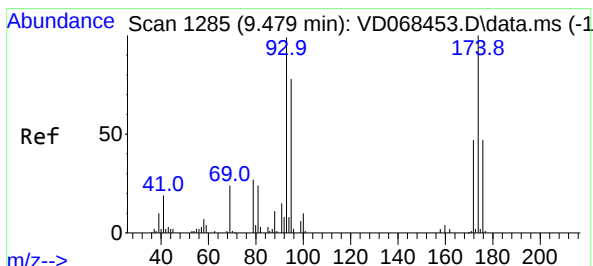
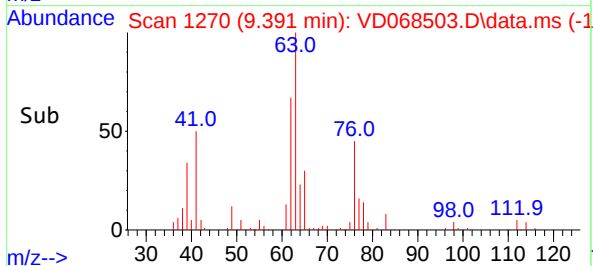
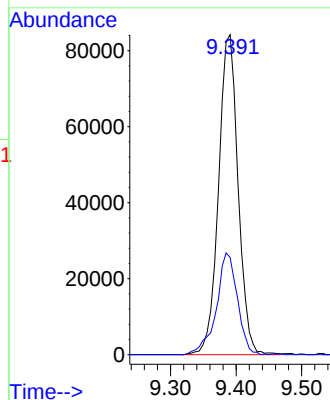
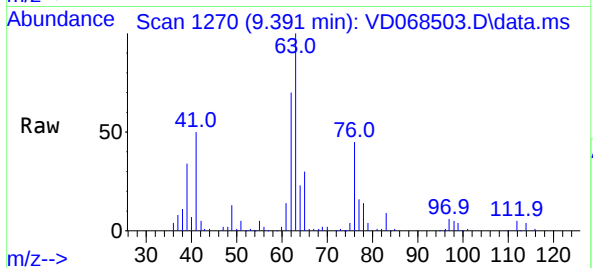
1,2-Dichloropropane
Concen: 48.18 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 63 Resp: 174012
Ion Ratio Lower Upper
63 100
65 30.4 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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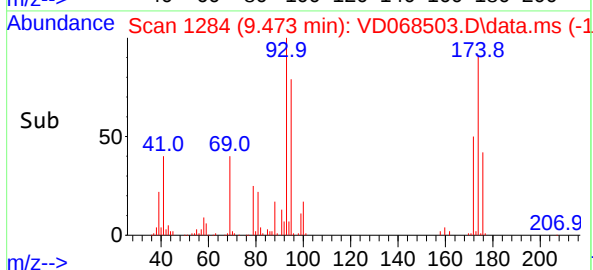
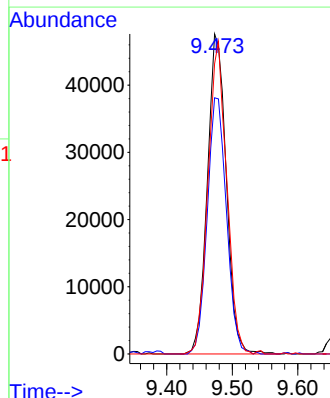
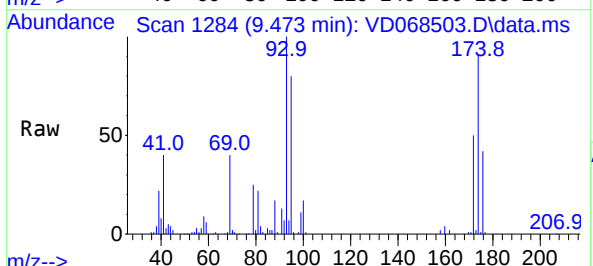
MMDadoda
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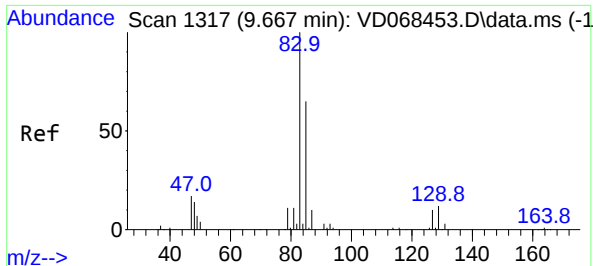


#46

Dibromomethane
Concen: 48.62 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 93 Resp: 95535
Ion Ratio Lower Upper
93 100
95 81.2 67.3 100.9
174 96.4 84.6 127.0





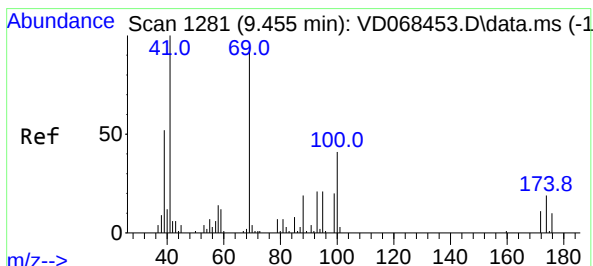
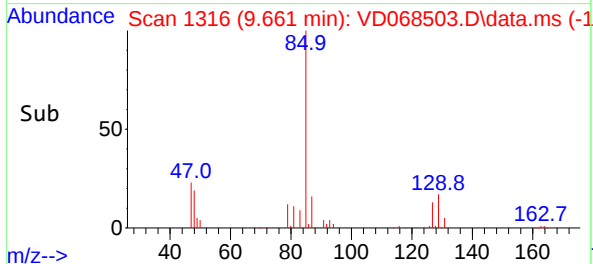
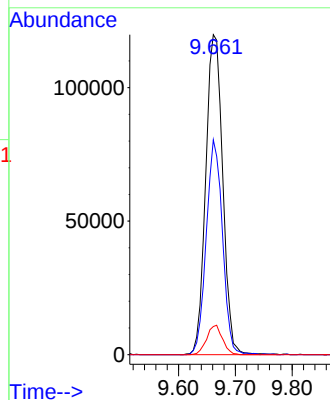
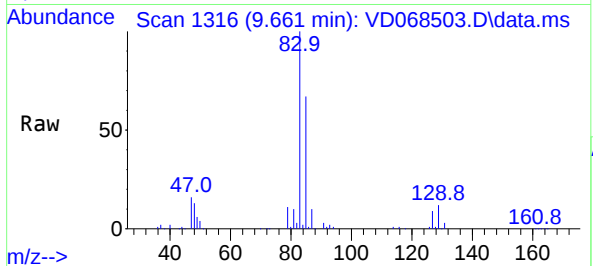
#47
Bromodichloromethane
Concen: 48.92 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 83 Resp: 248626
Ion Ratio Lower Upper
83 100
85 67.1 51.6 77.4
127 8.8 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

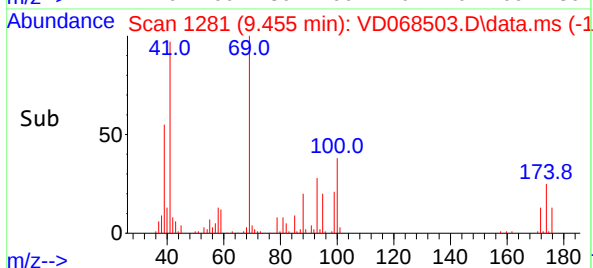
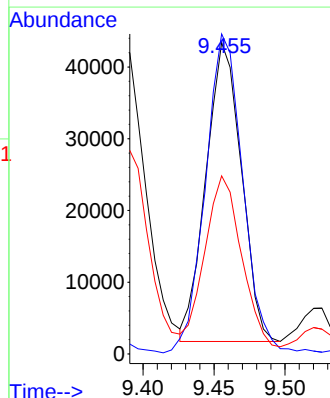
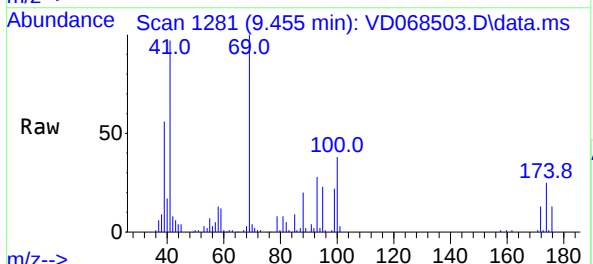
Manual Integrations
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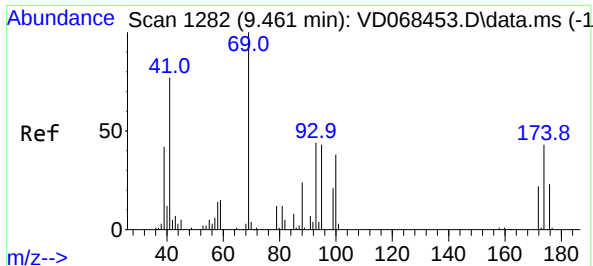
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#48
Methyl methacrylate
Concen: 42.12 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 41 Resp: 72104
Ion Ratio Lower Upper
41 100
69 113.2 77.1 115.7
39 58.9 41.5 62.3





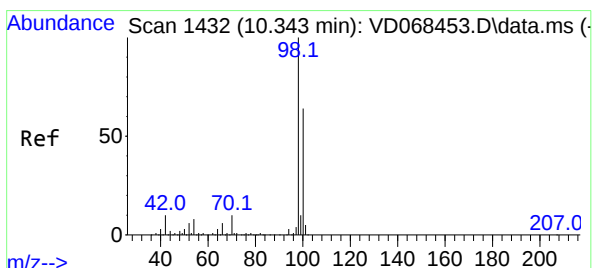
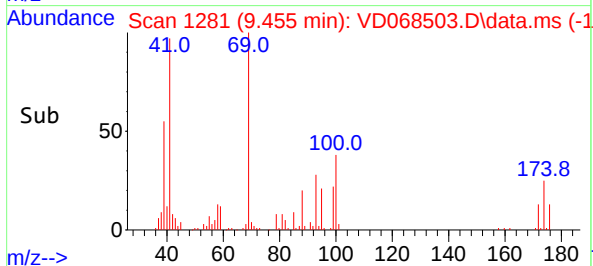
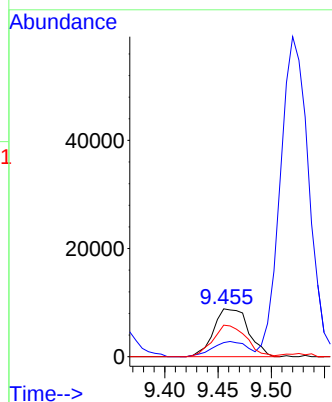
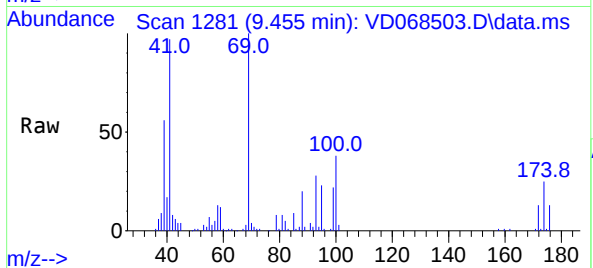
#49
1,4-Dioxane
Concen: 896.29 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 88 Resp: 20085
Ion Ratio Lower Upper
88 100
43 31.6 22.1 33.1
58 63.3 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

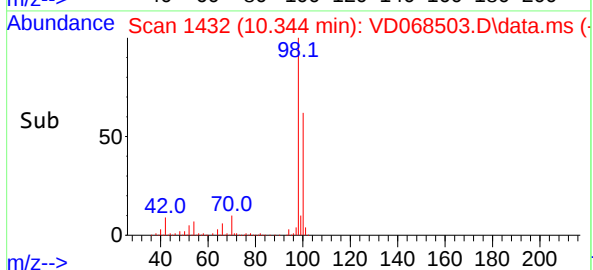
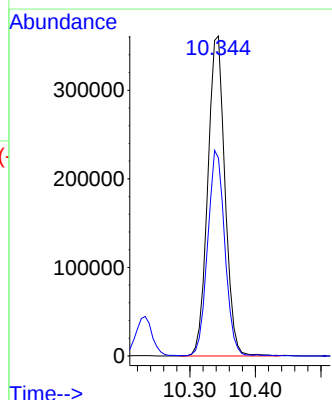
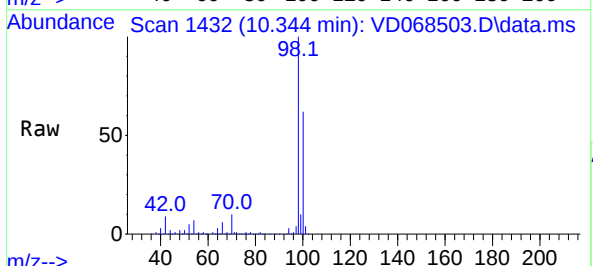
Manual Integrations
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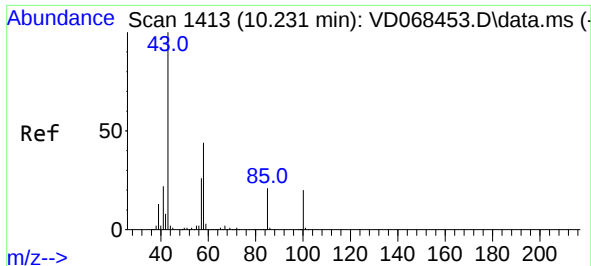
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#50
Toluene-d8
Concen: 49.54 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 98 Resp: 658723
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4





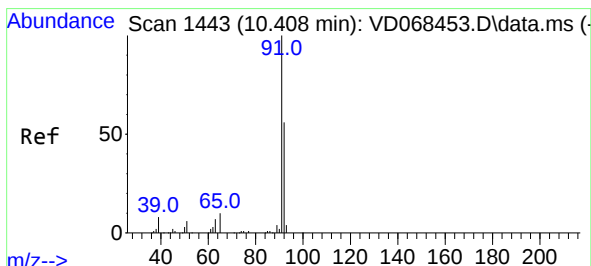
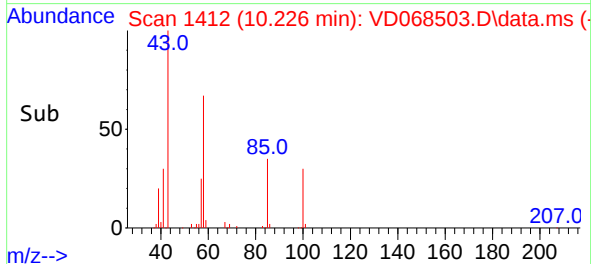
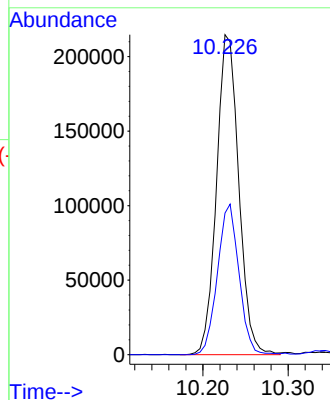
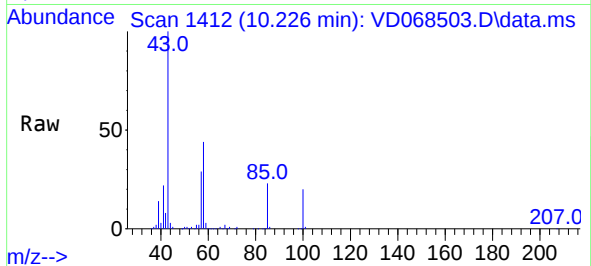
#51
4-Methyl-2-Pentanone
Concen: 231.94 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 43 Resp: 389843
Ion Ratio Lower Upper
43 100
58 45.6 36.1 54.1

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

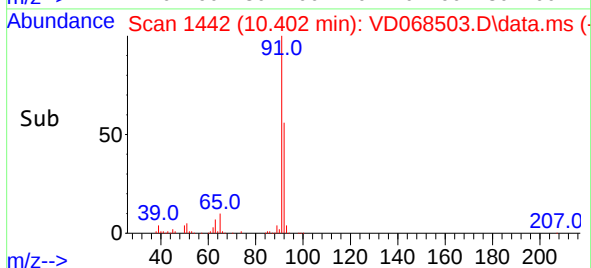
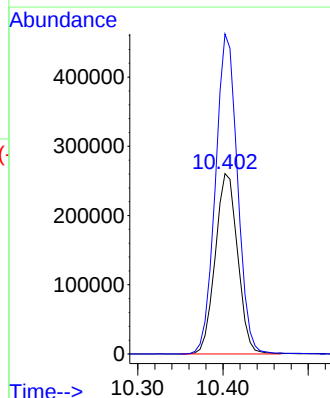
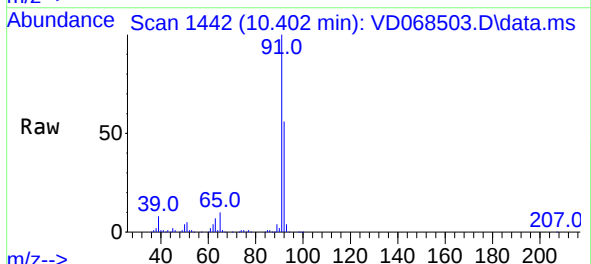
Manual Integrations
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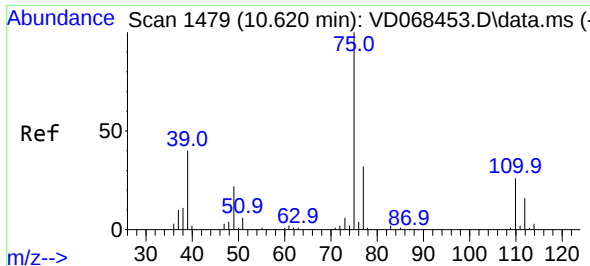
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#52
Toluene
Concen: 49.36 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 92 Resp: 476217
Ion Ratio Lower Upper
92 100
91 175.3 134.1 201.1





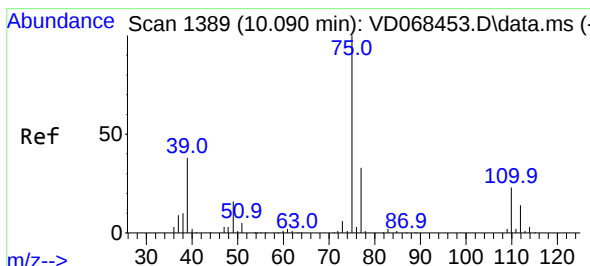
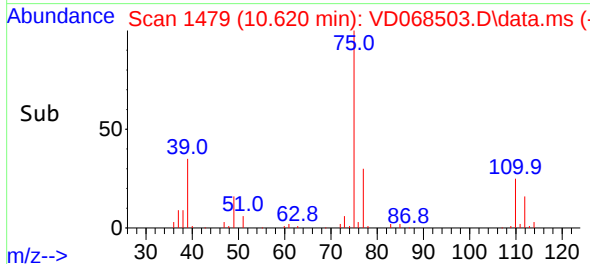
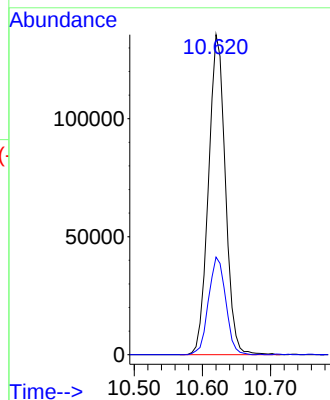
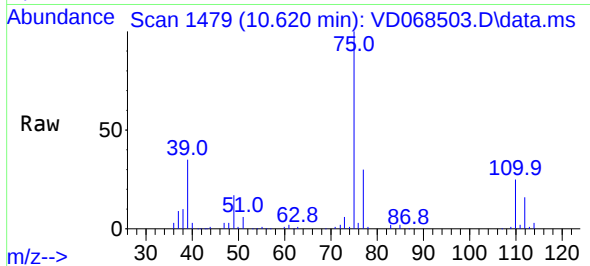
#53
t-1,3-Dichloropropene
Concen: 49.78 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 75 Resp: 233837
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

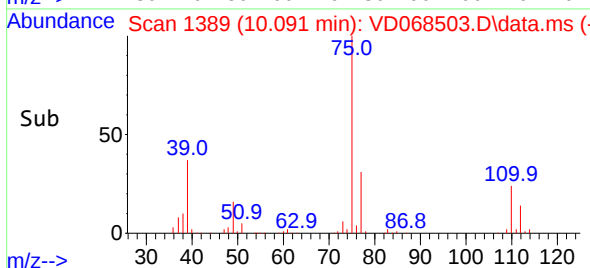
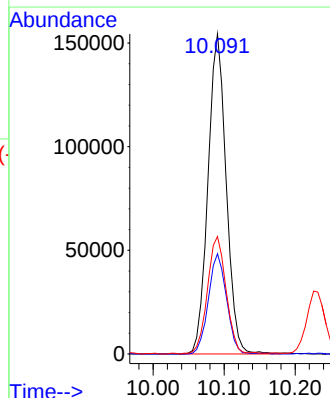
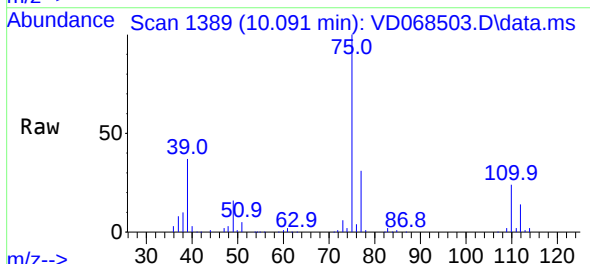
Manual Integrations
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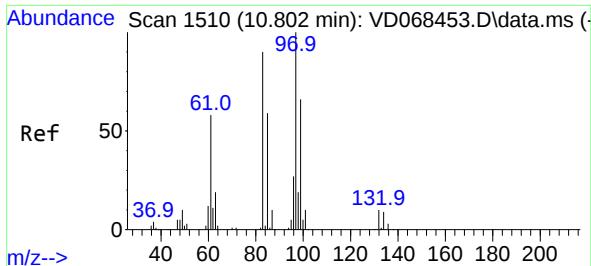
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#54
cis-1,3-Dichloropropene
Concen: 48.02 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 75 Resp: 275225
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 36.7 31.4 47.0





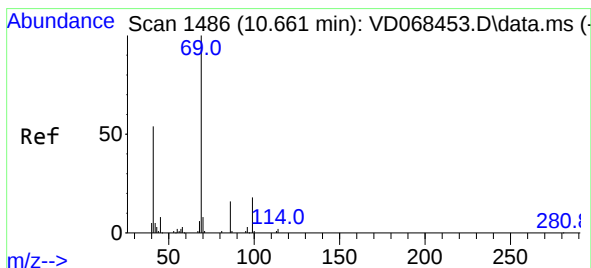
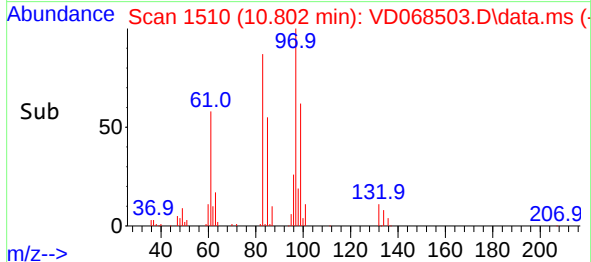
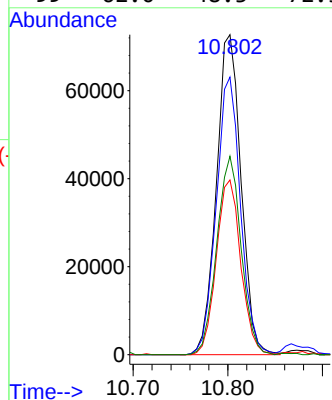
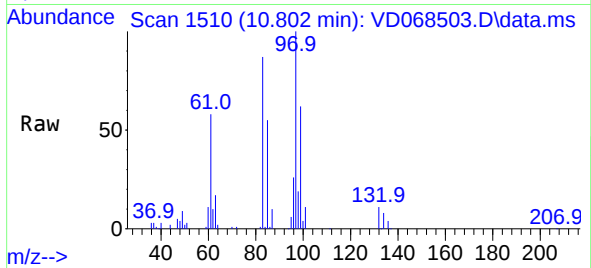
#55
1,1,2-Trichloroethane
Concen: 48.41 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:	97	Resp:	131630
Ion	Ratio	Lower	Upper
97	100		
83	86.7	61.8	92.6
85	54.6	42.2	63.2
99	62.0	48.3	72.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

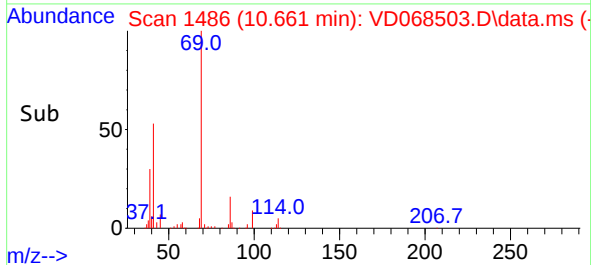
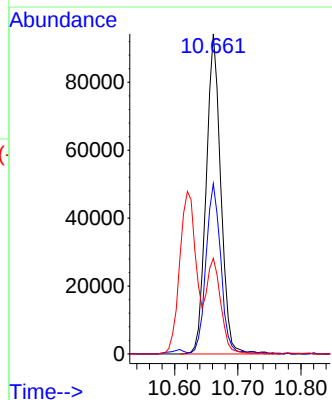
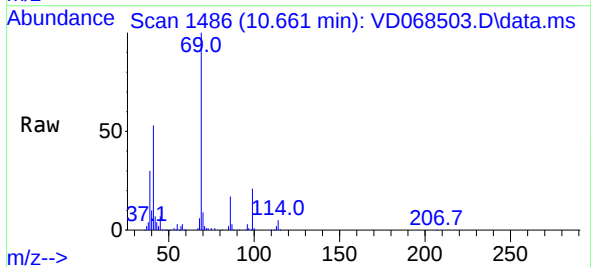
Manual Integrations
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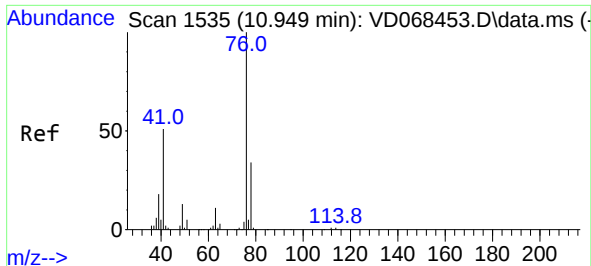
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#56
Ethyl methacrylate
Concen: 48.55 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:	69	Resp:	151764
Ion	Ratio	Lower	Upper
69	100		
41	54.5	44.9	67.3
39	29.1	21.9	32.9





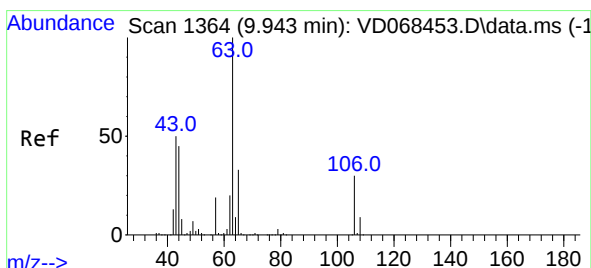
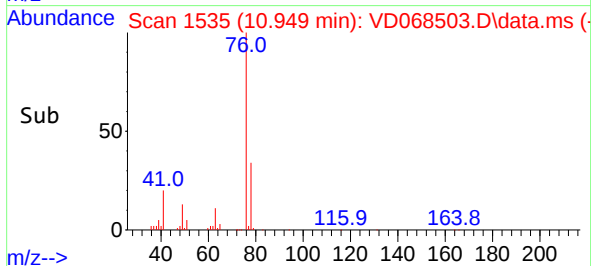
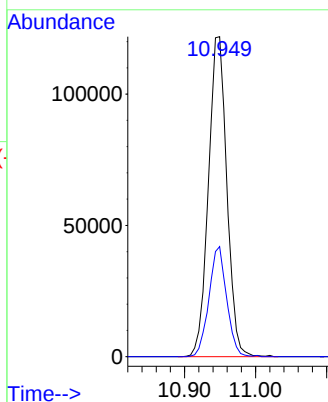
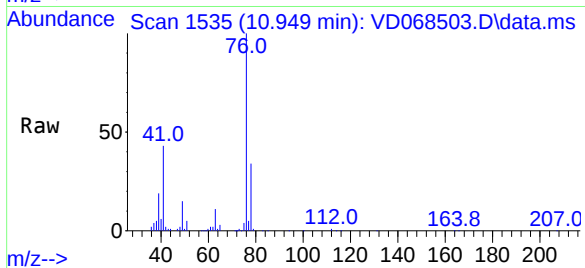
#57
1,3-Dichloropropane
Concen: 46.27 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 76 Resp: 219624
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

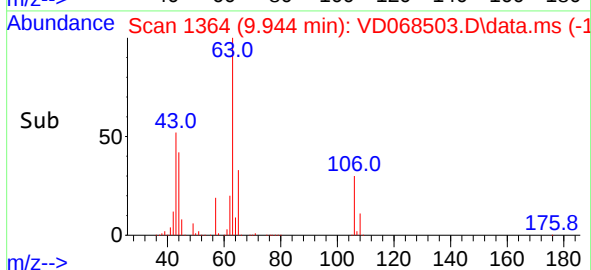
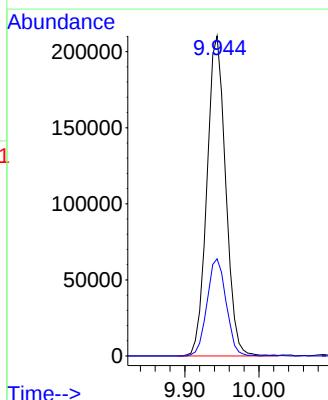
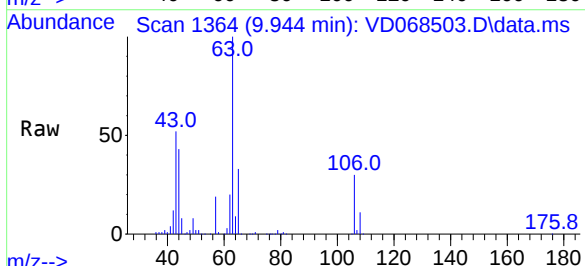
Manual Integrations
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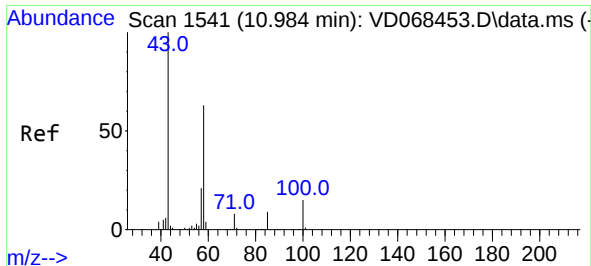
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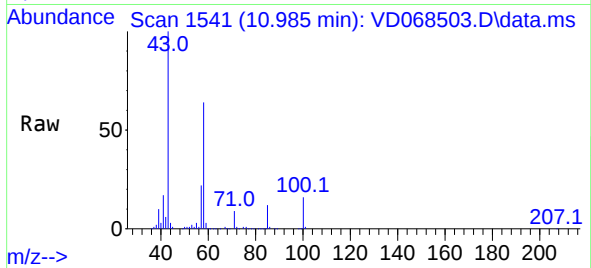
#58
2-Chloroethyl Vinyl ether
Concen: 235.09 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 63 Resp: 368648
Ion Ratio Lower Upper
63 100
106 31.0 27.0 40.4

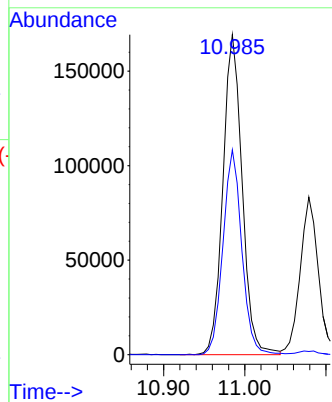
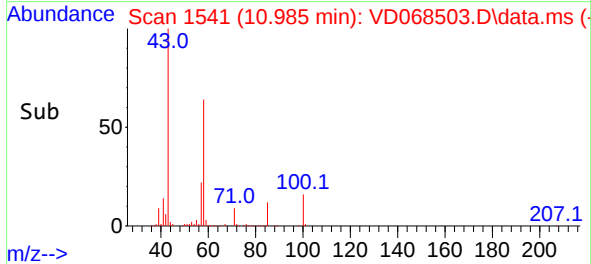




#59
2-Hexanone
Concen: 249.22 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



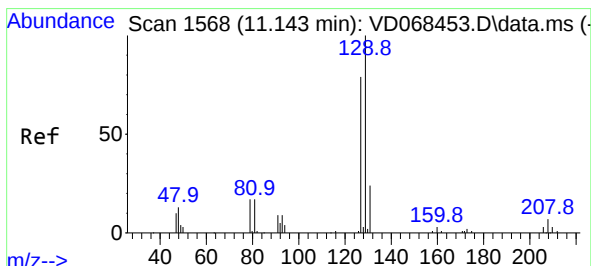
Tgt Ion: 43 Resp: 279207
Ion Ratio Lower Upper
43 100
58 62.6 31.0 93.0



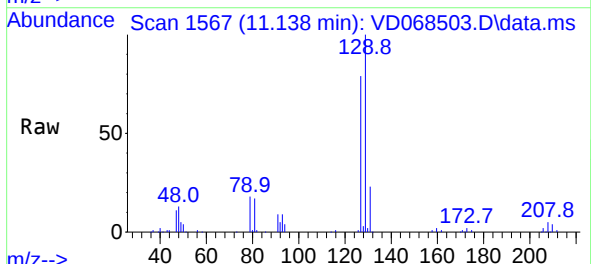
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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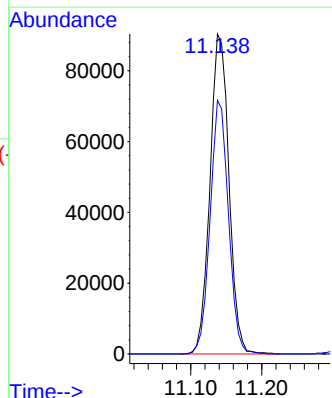
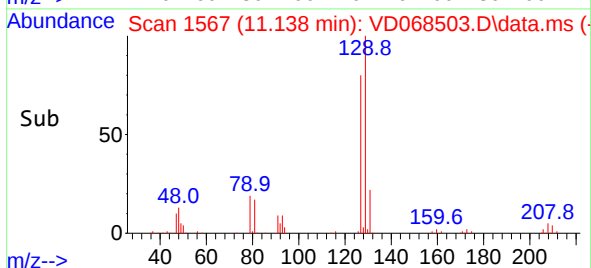
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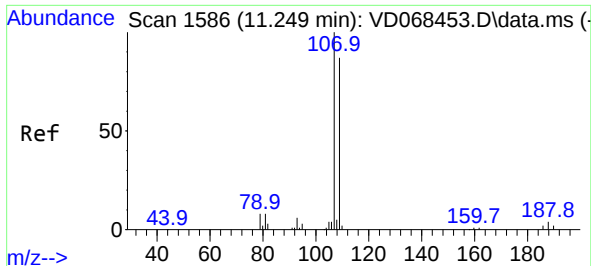


#60
Dibromochloromethane
Concen: 49.79 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



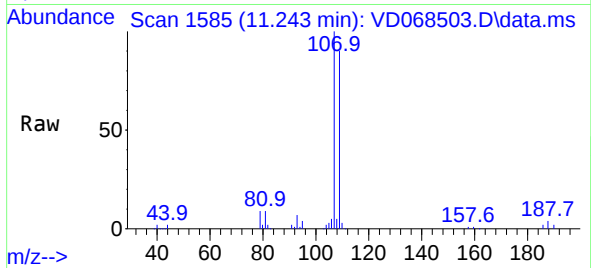
Tgt Ion:129 Resp: 167610
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.22 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

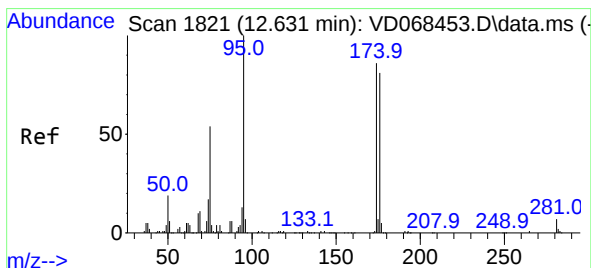
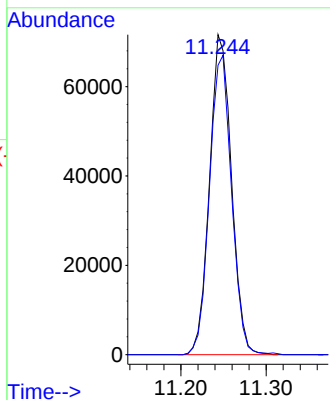
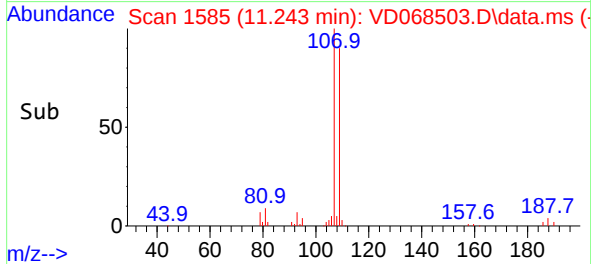
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



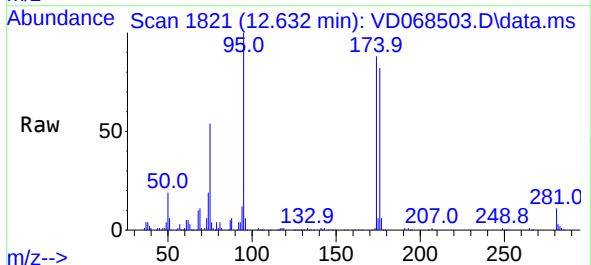
Tgt Ion:107 Resp: 128317
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

Manual Integrations
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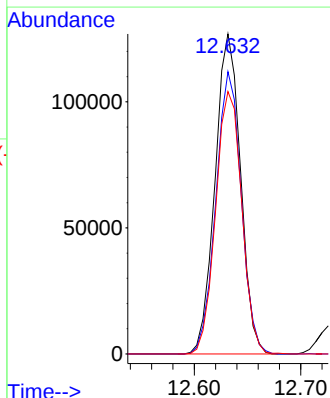
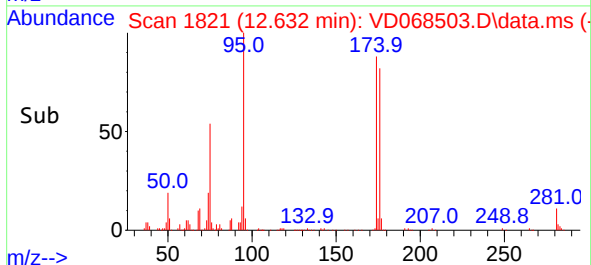
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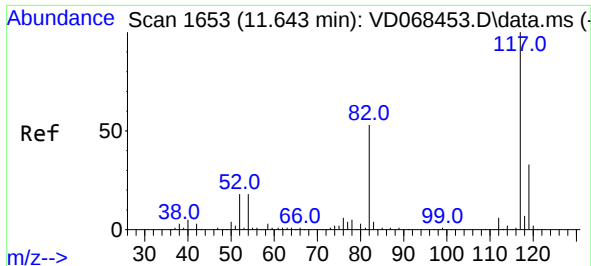


#62
4-Bromofluorobenzene
Concen: 49.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



Tgt Ion: 95 Resp: 210586
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.4
176 83.9 0.0 168.4





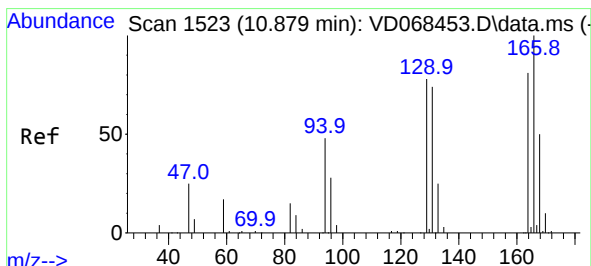
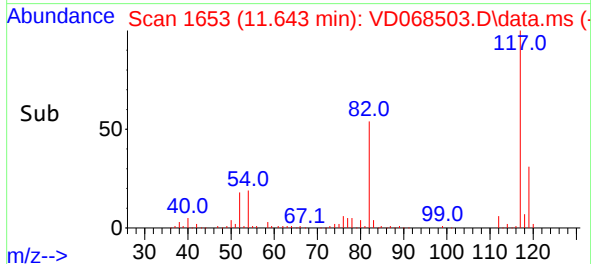
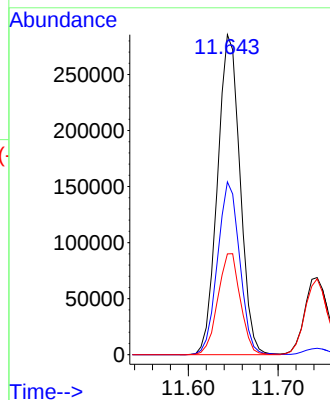
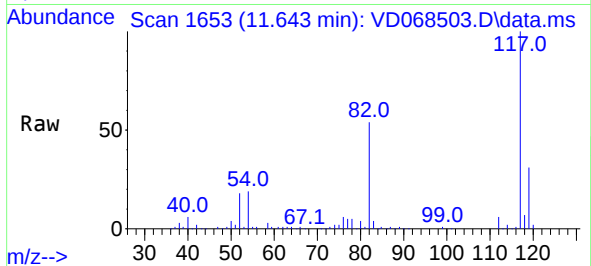
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:117 Resp: 498428
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 31.5 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

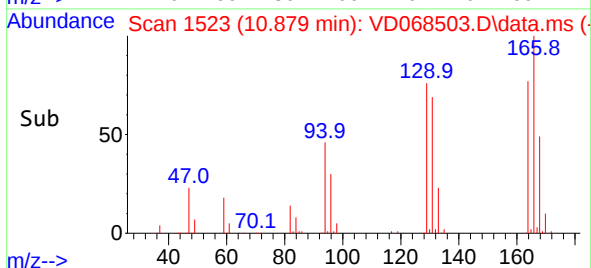
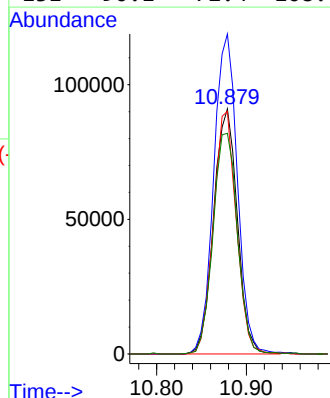
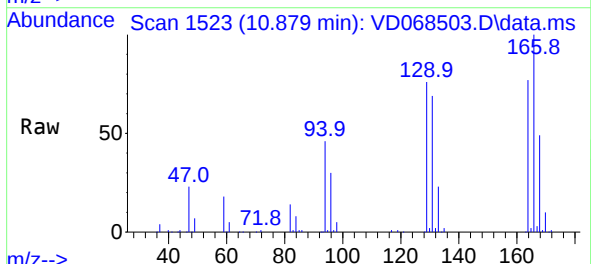
Manual Integrations
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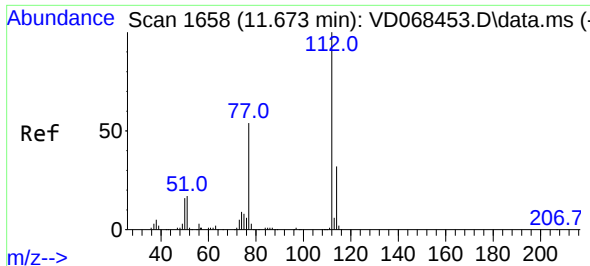
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#64
Tetrachloroethene
Concen: 51.27 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

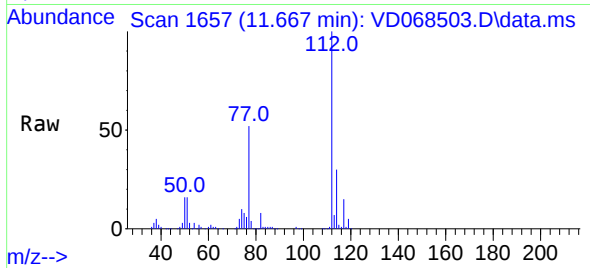
Tgt Ion:164 Resp: 166868
Ion Ratio Lower Upper
164 100
166 130.6 105.5 158.3
129 99.0 75.6 113.4
131 90.1 72.4 108.6





#65
Chlorobenzene
Concen: 49.93 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

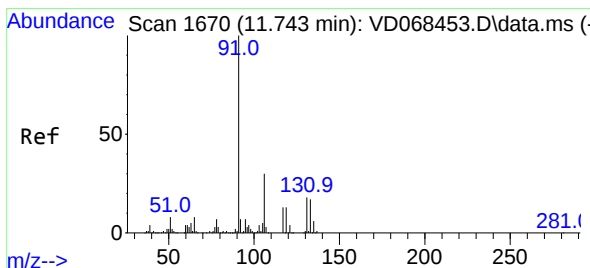
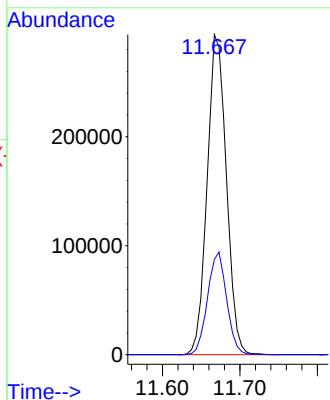
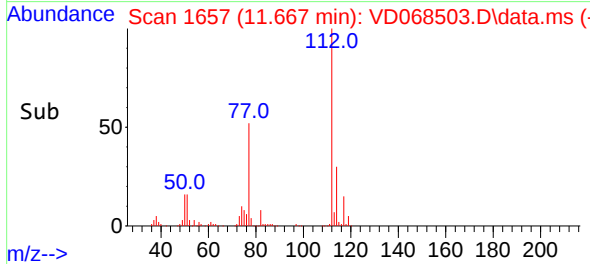
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



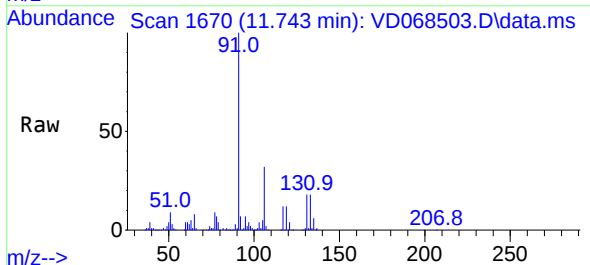
Tgt Ion:112 Resp: 506790
Ion Ratio Lower Upper
112 100
114 29.7 25.7 38.5

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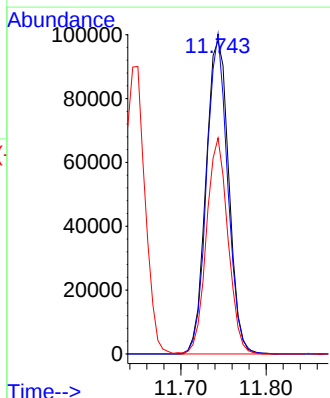
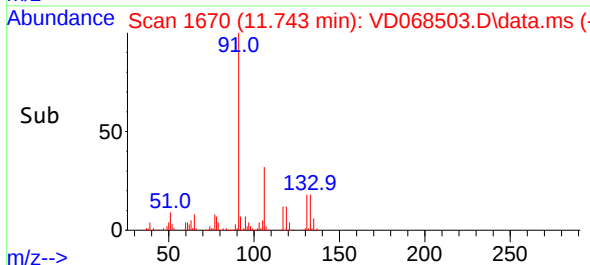
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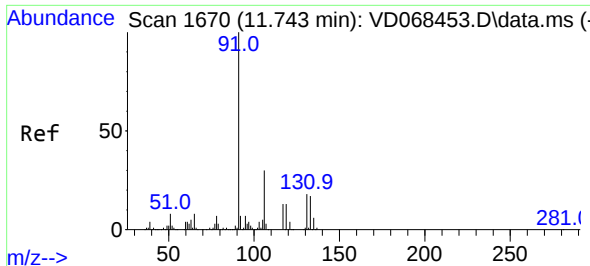


#66
1,1,1,2-Tetrachloroethane
Concen: 51.72 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



Tgt Ion:131 Resp: 182472
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.4
119 64.9 31.6 94.8





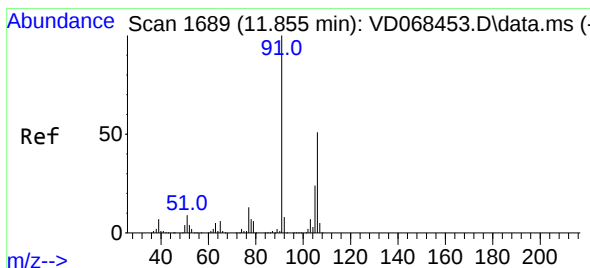
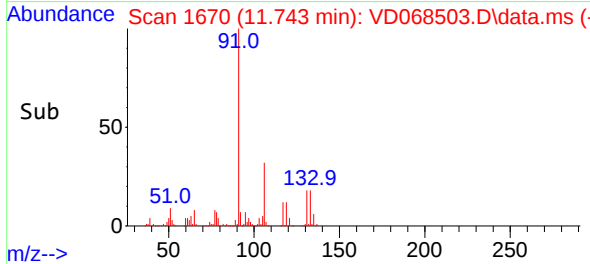
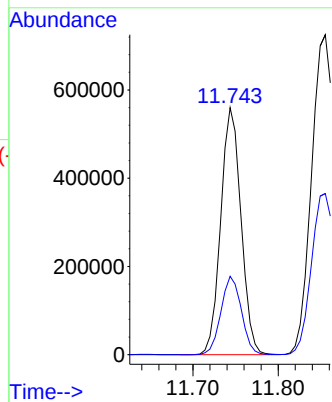
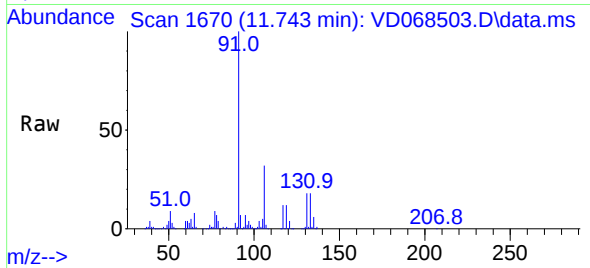
#67
Ethyl Benzene
Concen: 51.07 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 91 Resp: 925242
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

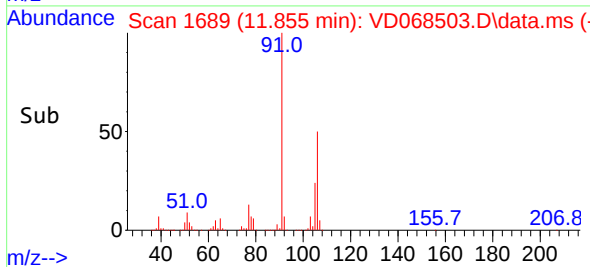
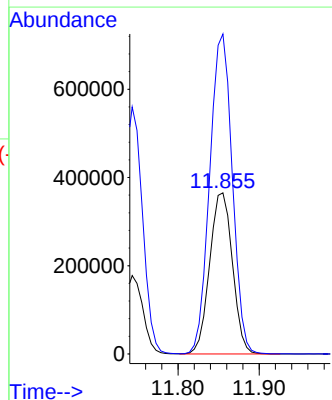
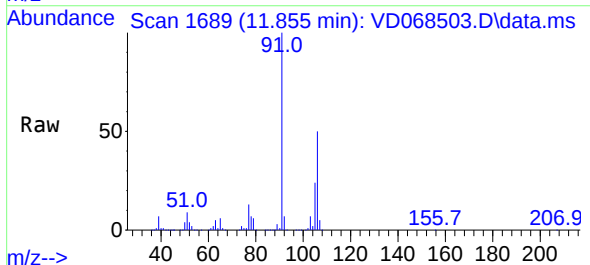
Manual Integrations
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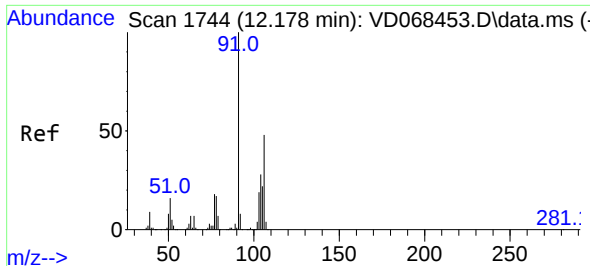
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#68
m/p-Xylenes
Concen: 103.51 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 106 Resp: 712310
Ion Ratio Lower Upper
106 100
91 196.7 159.1 238.7





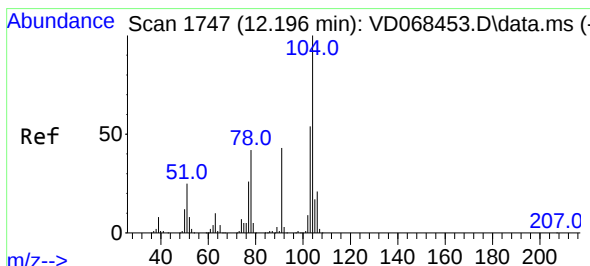
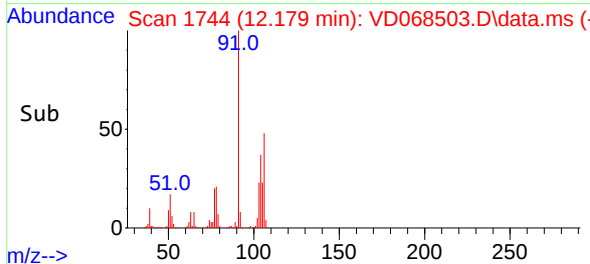
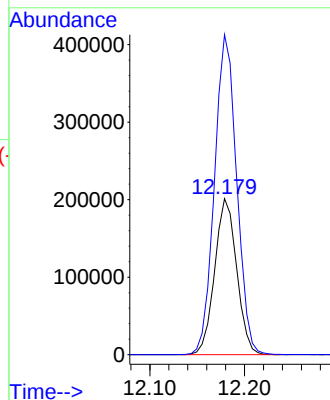
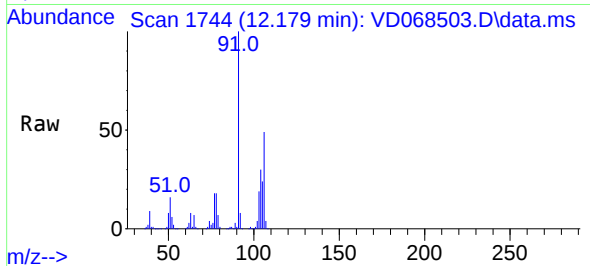
#69
o-Xylene
Concen: 51.26 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:106 Resp: 324847
Ion Ratio Lower Upper
106 100
91 207.1 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

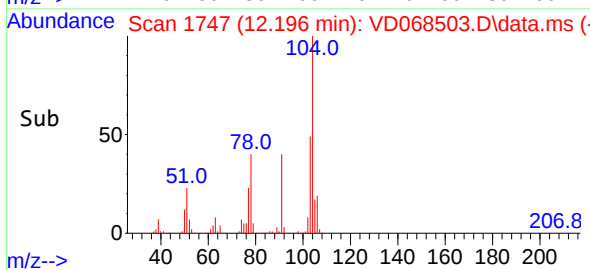
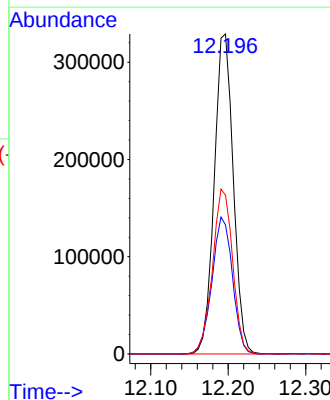
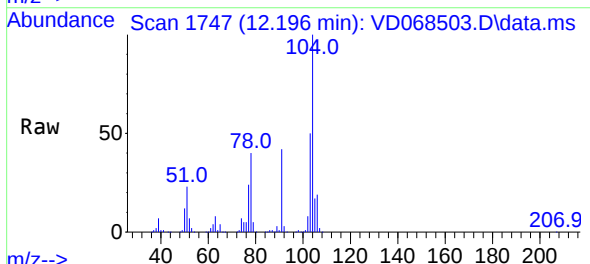
Manual Integrations
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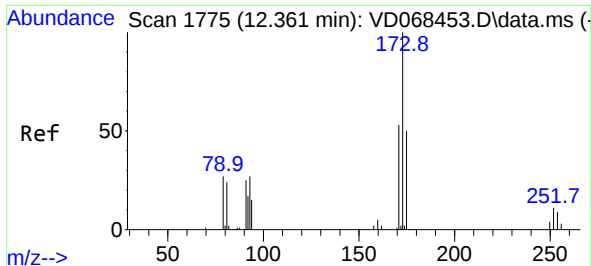
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#70
Styrene
Concen: 51.82 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:104 Resp: 561621
Ion Ratio Lower Upper
104 100
78 46.0 38.2 57.2
103 54.5 43.1 64.7





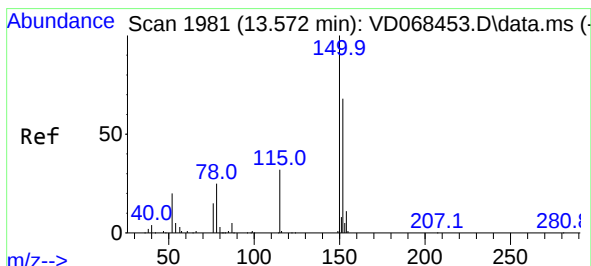
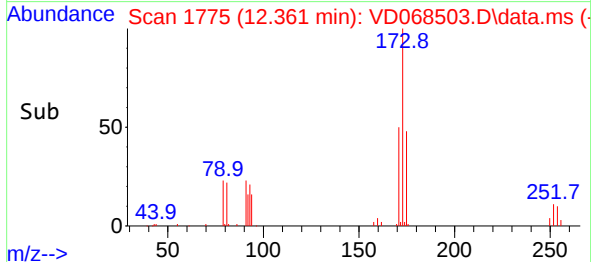
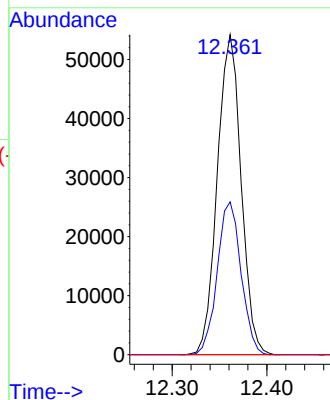
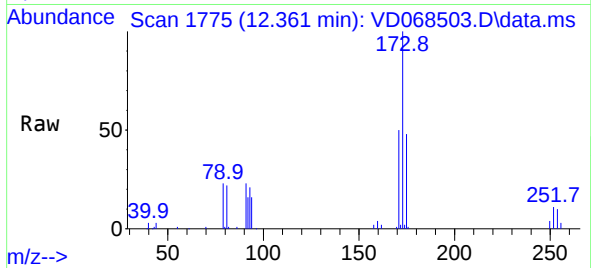
#71
Bromoform
Concen: 52.87 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:173 Resp: 94777
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

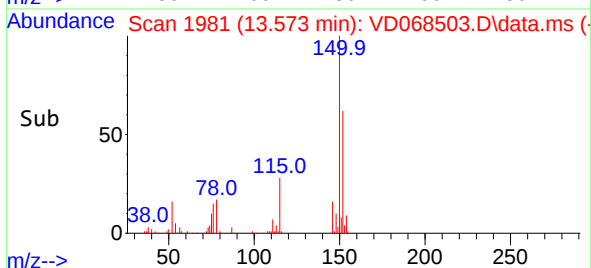
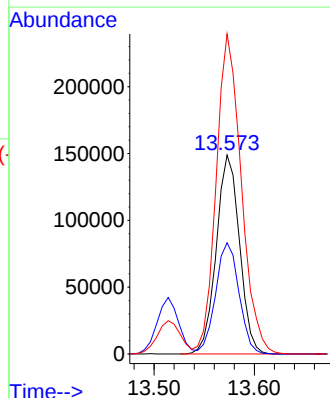
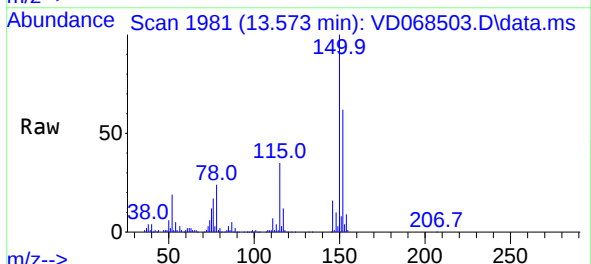
Manual Integrations
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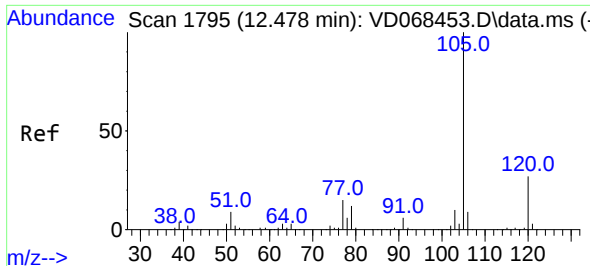
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:152 Resp: 239206
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 173.9 0.0 344.4





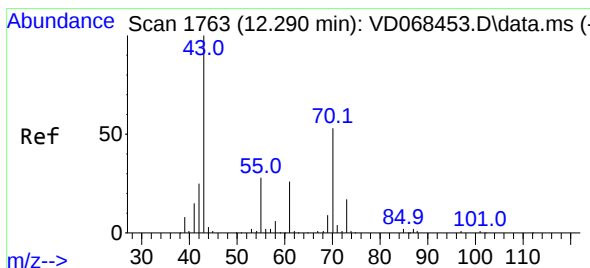
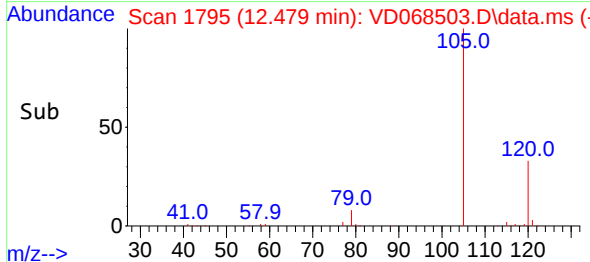
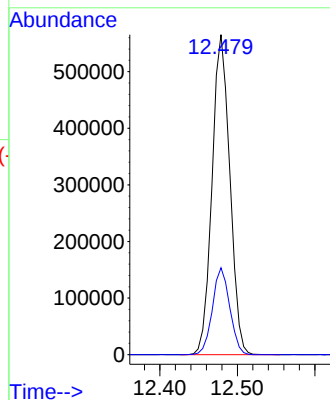
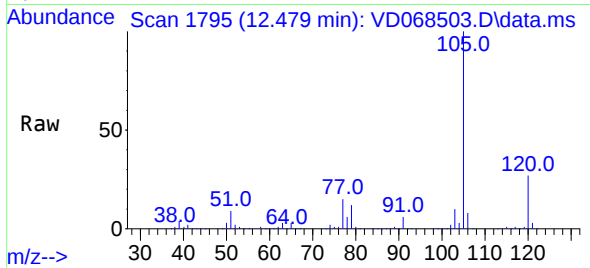
#73
Isopropylbenzene
Concen: 50.77 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 105 Resp: 900661
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

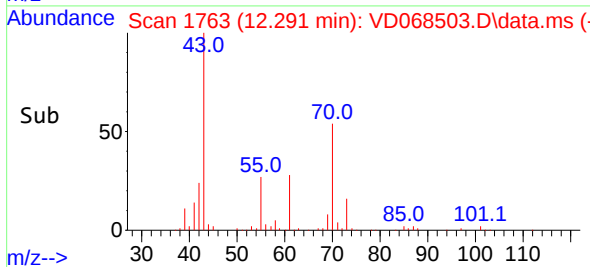
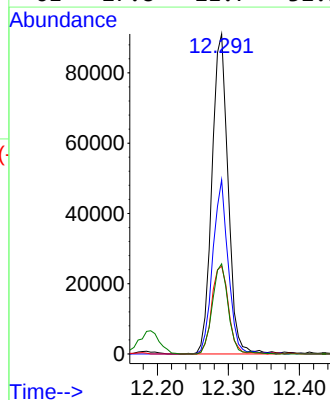
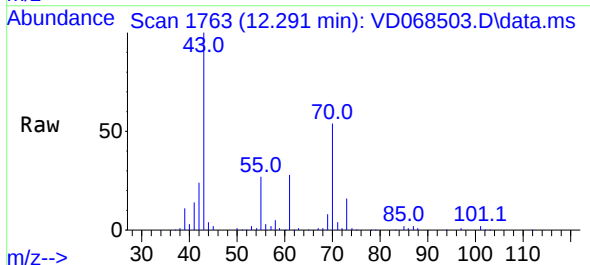
Manual Integrations
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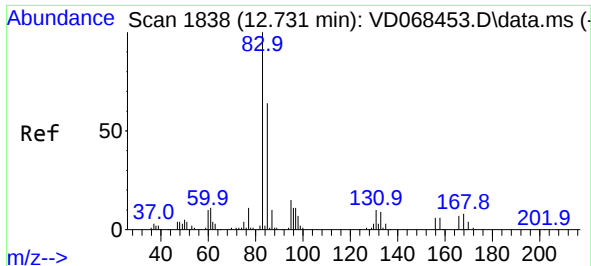
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#74
N-ethyl acetate
Concen: 47.57 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

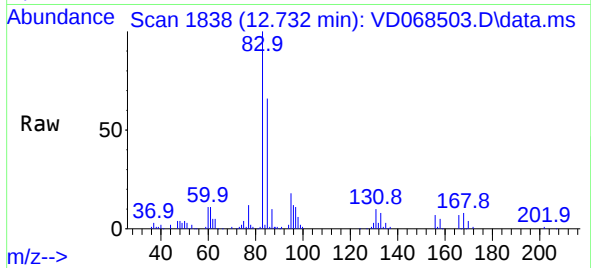
Tgt Ion: 43 Resp: 143779
Ion Ratio Lower Upper
43 100
70 52.3 41.8 62.8
55 28.5 24.2 36.4
61 27.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 46.21 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

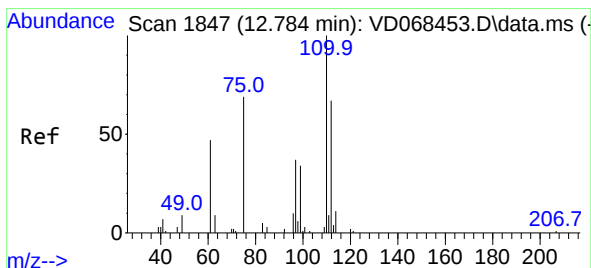
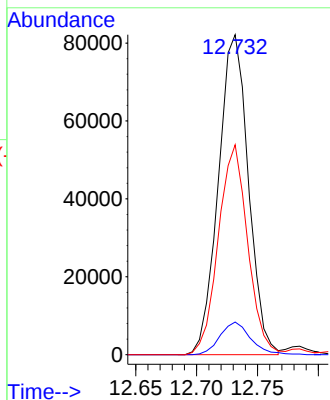
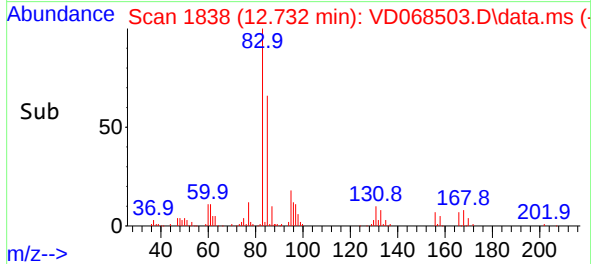
Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050



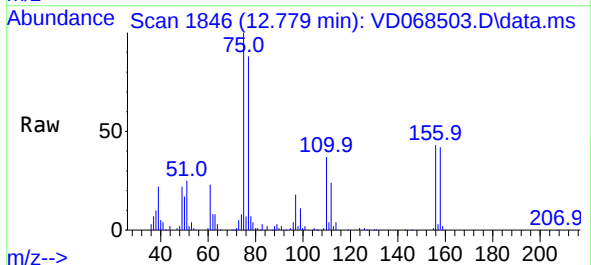
Tgt Ion: 83 Resp: 141057
Ion Ratio Lower Upper
83 100
131 10.4 5.8 17.4
85 64.1 32.4 97.2

Manual Integrations
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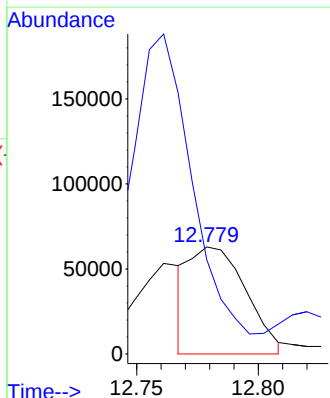
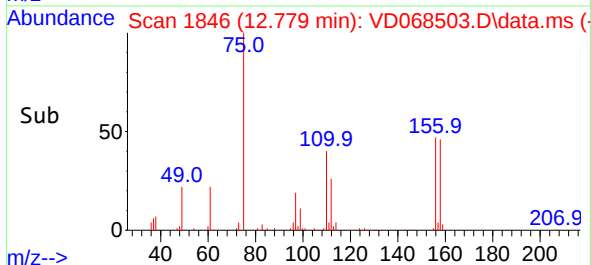
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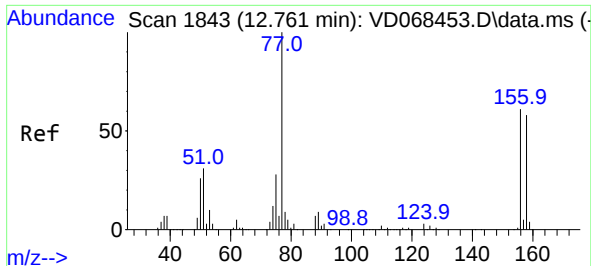


#76
1,2,3-Trichloropropane
Concen: 47.87 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

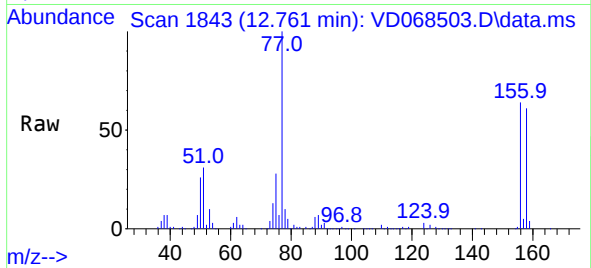


Tgt Ion: 75 Resp: 101656
Ion Ratio Lower Upper
75 100
77 340.2 0.0 0.0#

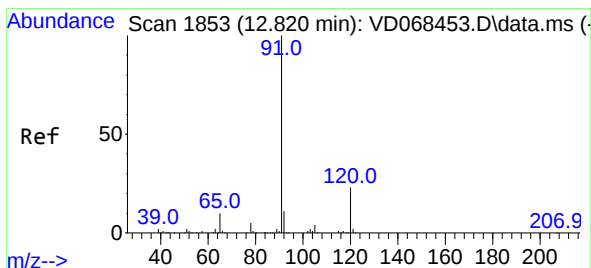
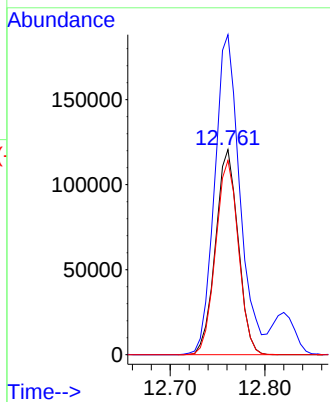
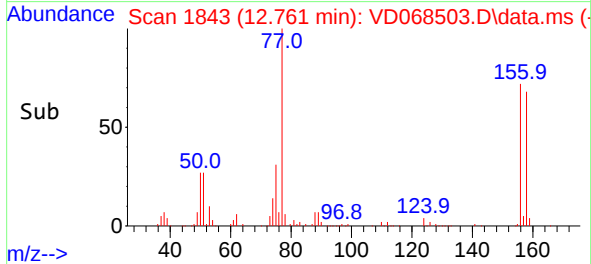




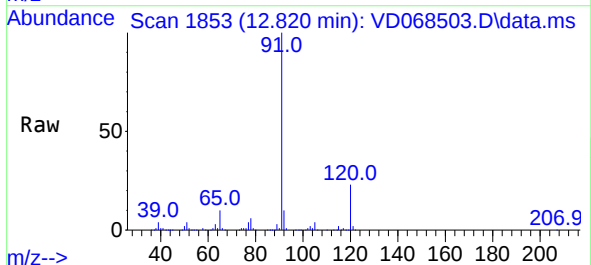
#77
Bromobenzene
Concen: 49.54 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



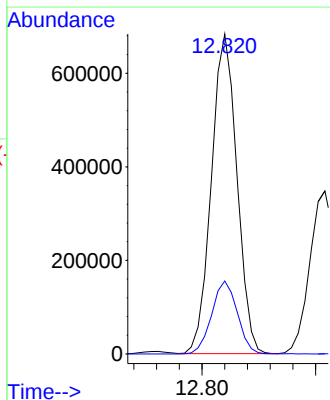
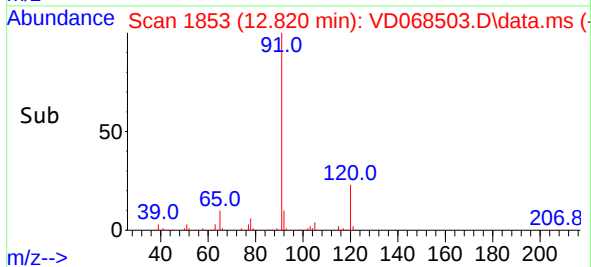
Tgt Ion:156 Resp: 200586
Ion Ratio Lower Upper
156 100
77 172.4 82.8 248.3
158 95.2 48.0 144.0



#78
n-propylbenzene
Concen: 50.35 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



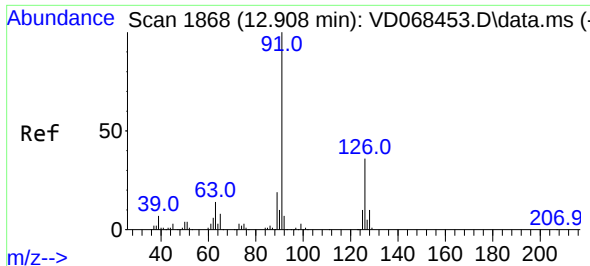
Tgt Ion: 91 Resp: 1067378
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

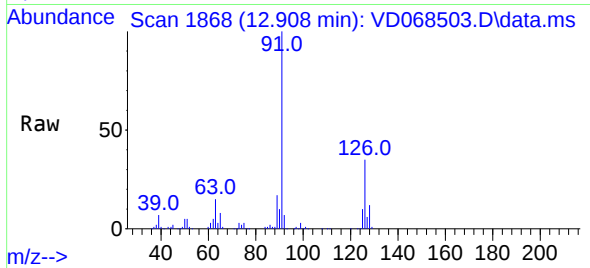
Manual Integrations
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#79
2-Chlorotoluene
Concen: 48.68 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

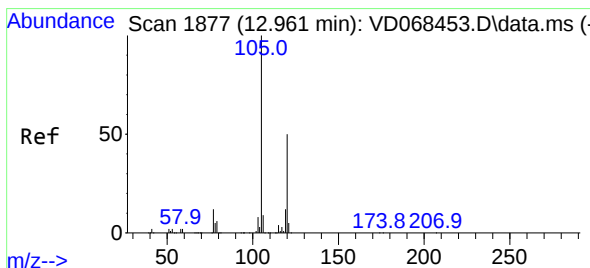
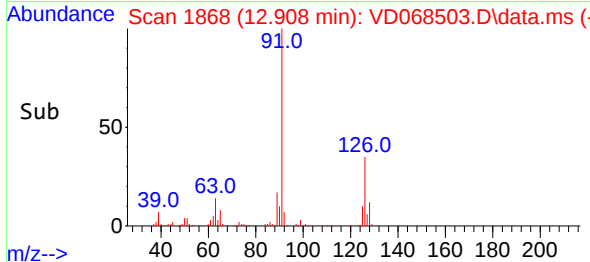
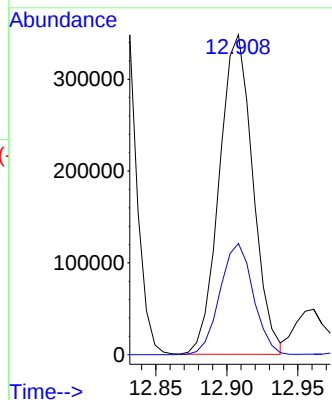
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 572808
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.5

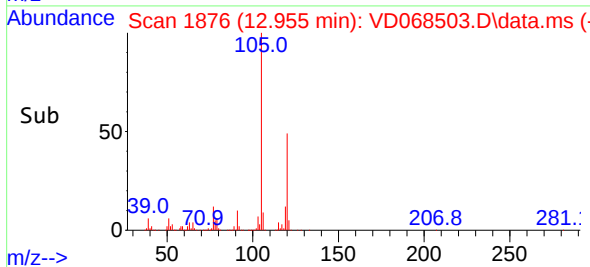
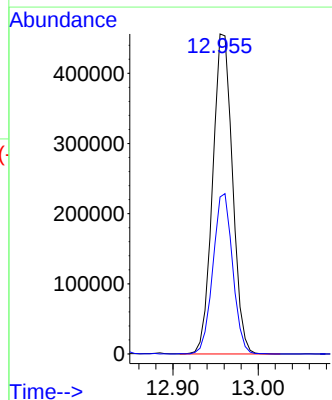
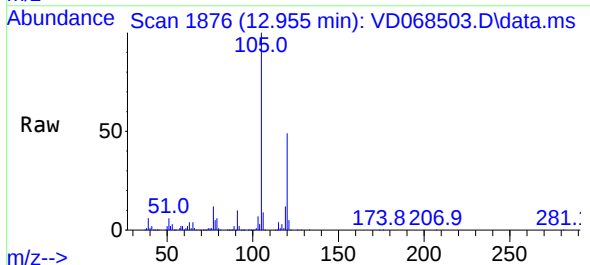
Manual Integrations
APPROVED

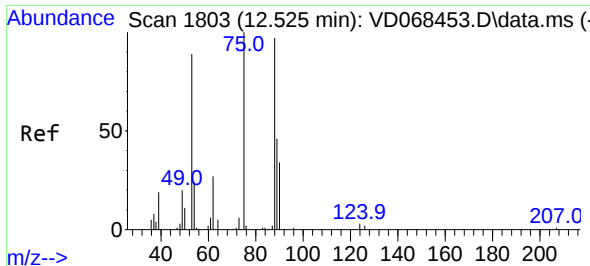
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#80
1,3,5-Trimethylbenzene
Concen: 50.68 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

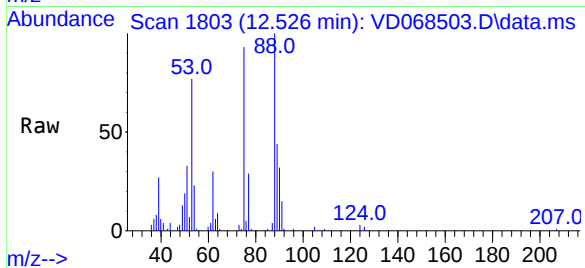
Tgt Ion: 105 Resp: 736997
Ion Ratio Lower Upper
105 100
120 49.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.45 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

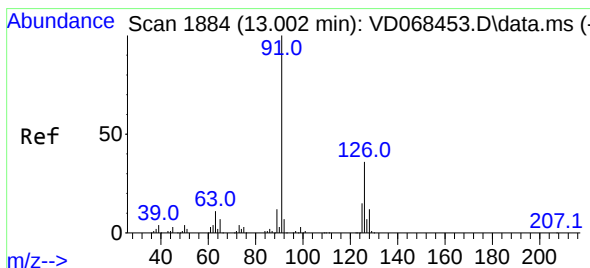
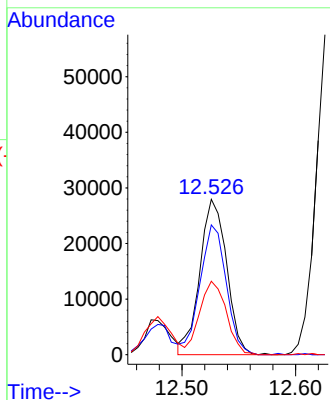
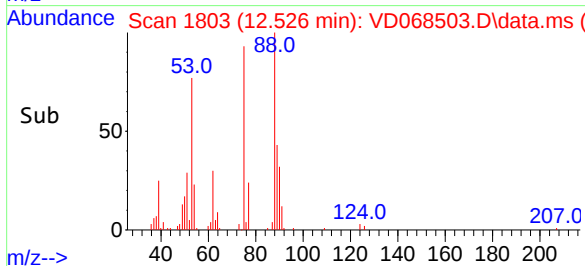
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



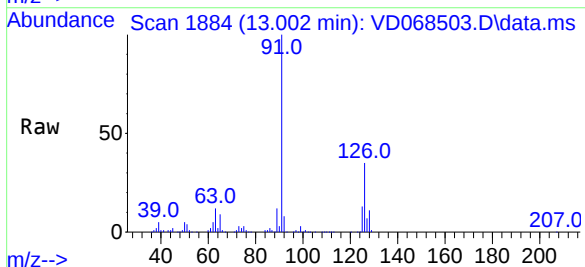
Tgt Ion: 75 Resp: 45905
Ion Ratio Lower Upper
75 100
53 81.8 70.2 105.2
89 46.9 40.3 60.5

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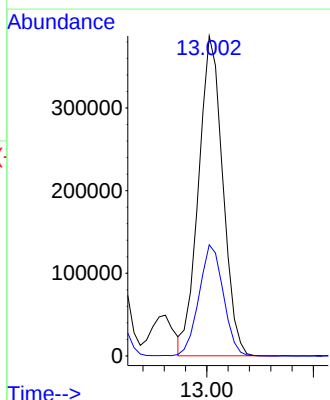
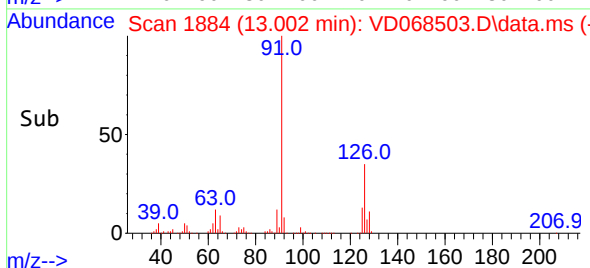
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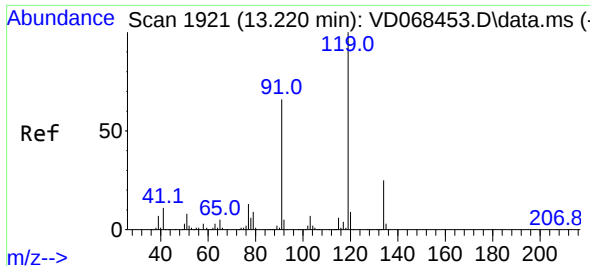


#82
4-Chlorotoluene
Concen: 49.37 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



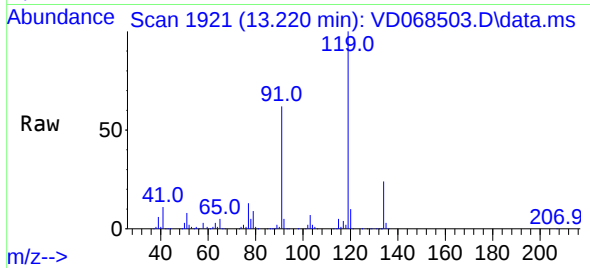
Tgt Ion: 91 Resp: 611207
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1





#83
tert-Butylbenzene
Concen: 52.34 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

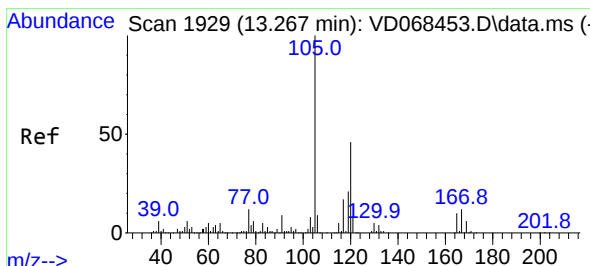
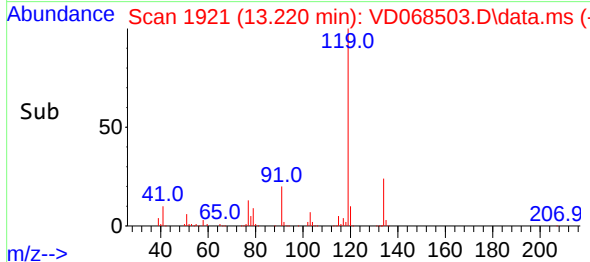
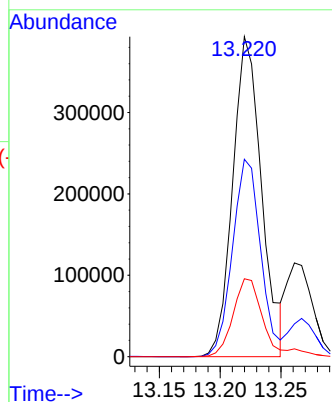
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MSVOA_D
ClientSampleId :
VSTDCCC050



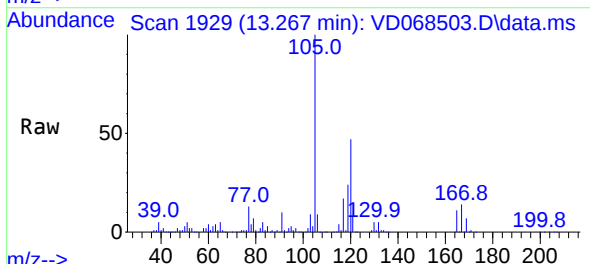
Tgt Ion:119 Resp: 648029
Ion Ratio Lower Upper
119 100
91 60.4 31.1 93.5
134 25.9 13.3 39.8

Manual Integrations
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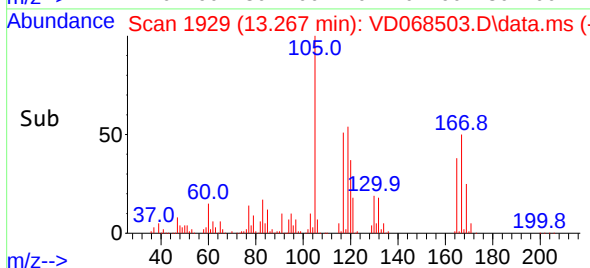
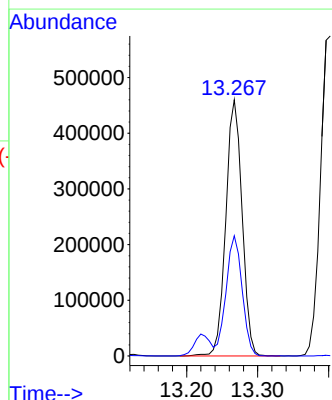
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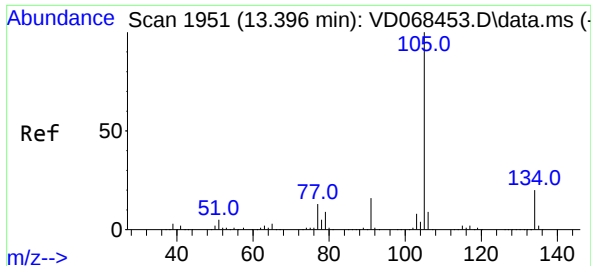


#84
1,2,4-Trimethylbenzene
Concen: 50.21 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



Tgt Ion:105 Resp: 731185
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.0





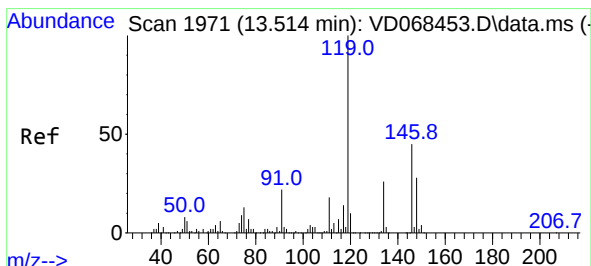
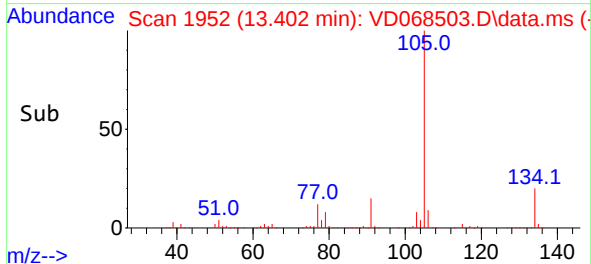
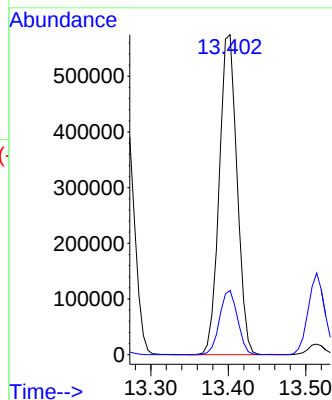
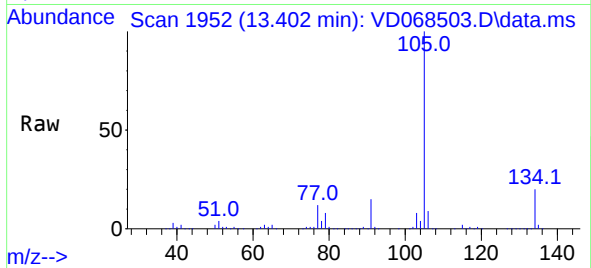
#85
 sec-Butylbenzene
 Concen: 52.47 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068503.D
 Acq: 03 Mar 2021 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 917630
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.9

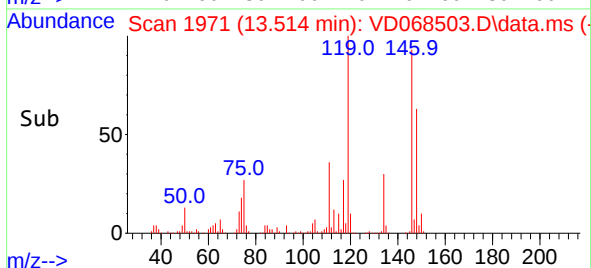
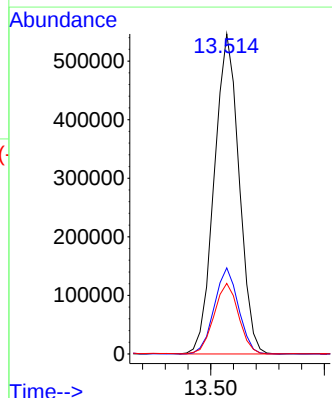
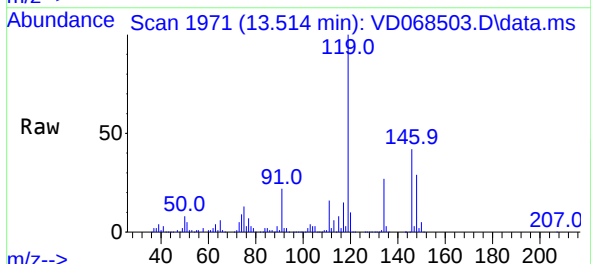
Manual Integrations
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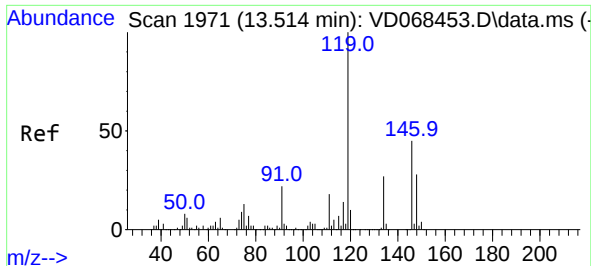
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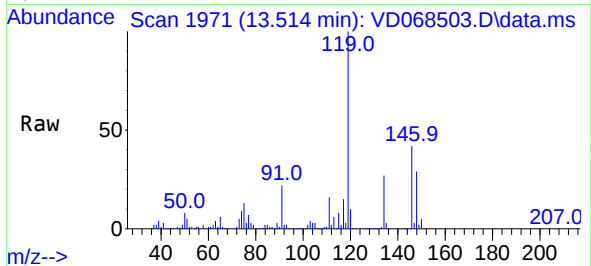
#86
 p-Isopropyltoluene
 Concen: 52.19 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068503.D
 Acq: 03 Mar 2021 10:17

Tgt Ion:119 Resp: 828569
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 21.7 11.7 35.0

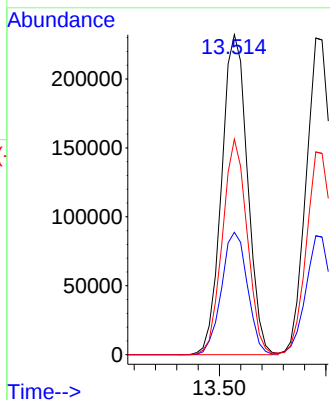




#87
1,3-Dichlorobenzene
Concen: 50.04 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



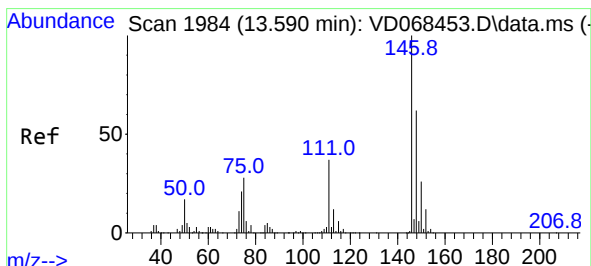
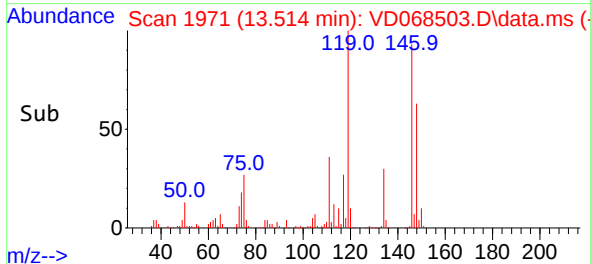
Tgt Ion:146 Resp: 391328
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.6 31.6 95.0



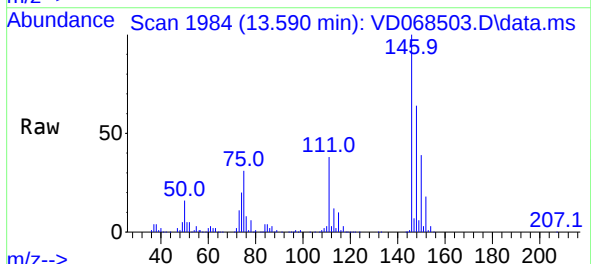
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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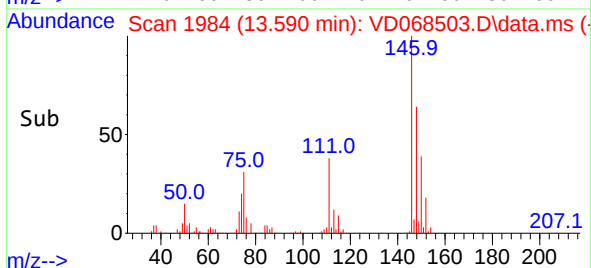
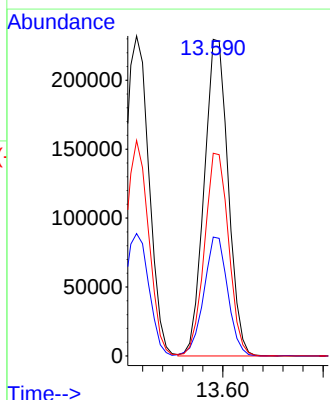
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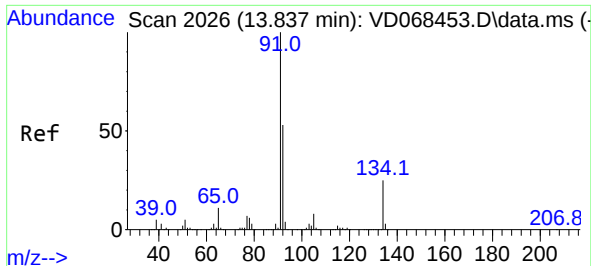


#88
1,4-Dichlorobenzene
Concen: 49.32 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



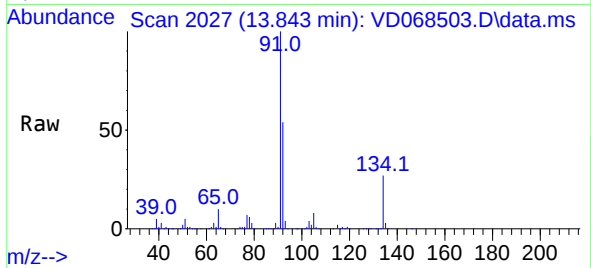
Tgt Ion:146 Resp: 382112
Ion Ratio Lower Upper
146 100
111 37.5 19.1 57.1
148 64.5 31.9 95.7





#89
n-Butylbenzene
Concen: 51.74 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

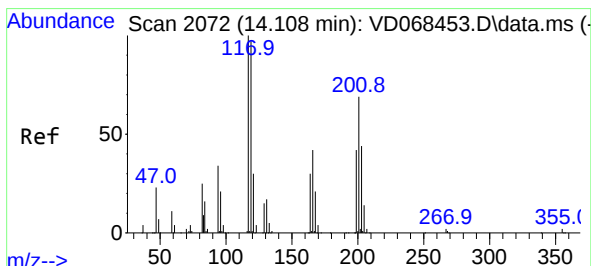
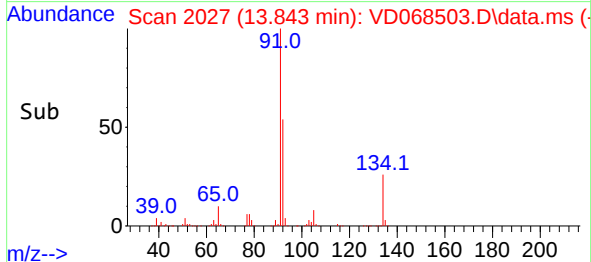
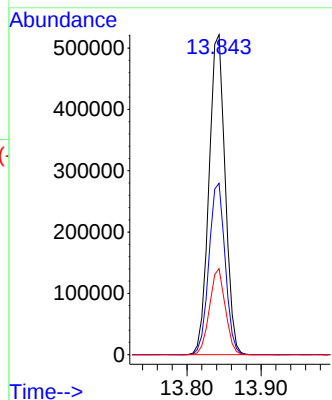
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 792367
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 26.3 13.9 41.7

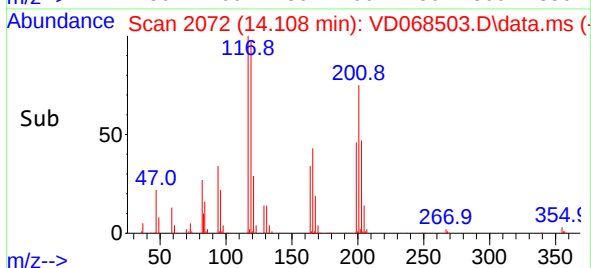
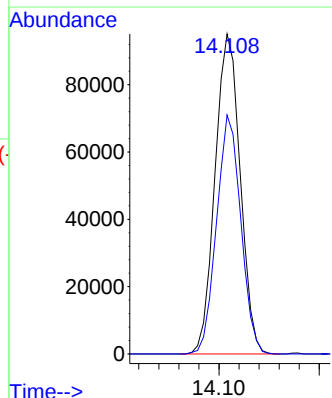
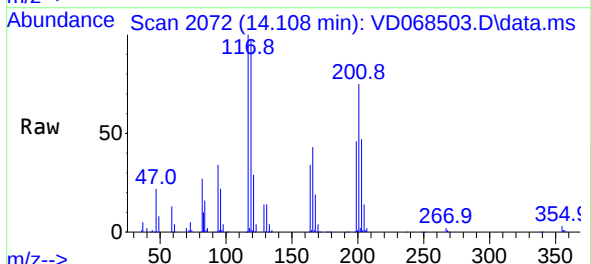
Manual Integrations
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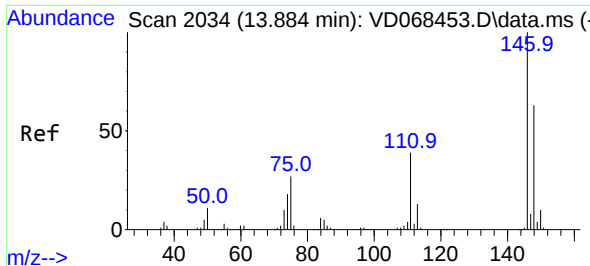
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#90
Hexachloroethane
Concen: 52.41 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion: 117 Resp: 165346
Ion Ratio Lower Upper
117 100
201 72.1 39.5 118.5





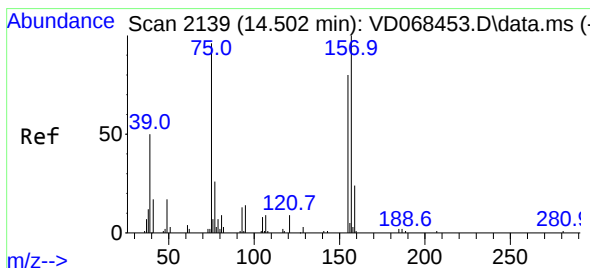
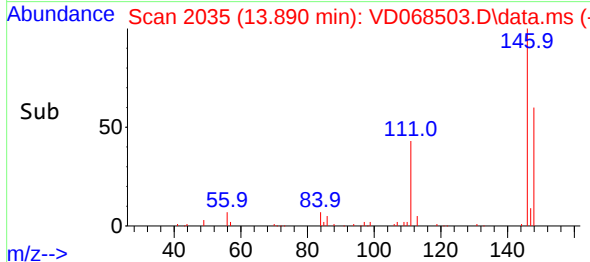
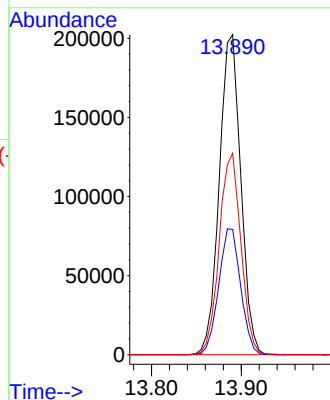
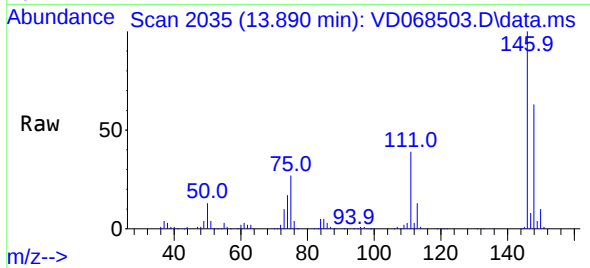
#91
1,2-Dichlorobenzene
Concen: 50.24 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:146 Resp: 336919
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 63.4 31.7 95.1

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

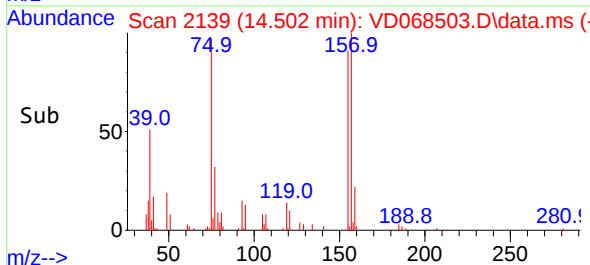
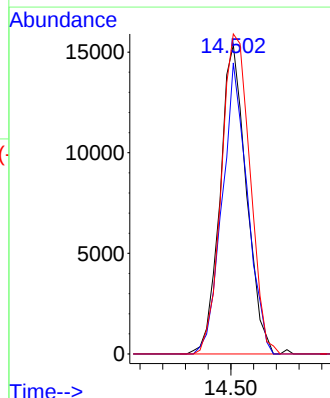
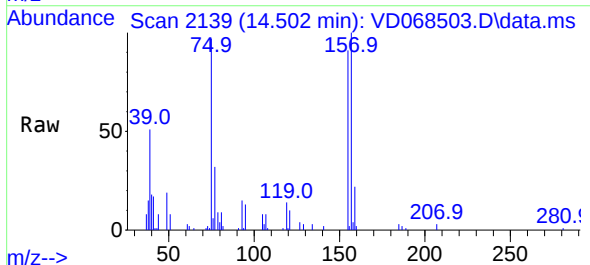
Manual Integrations
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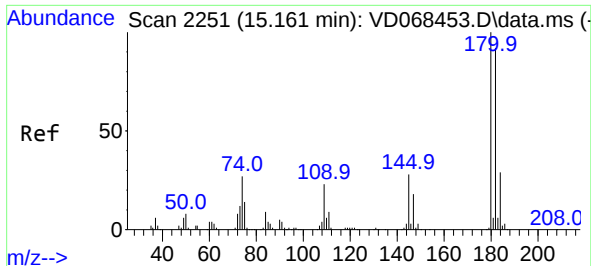
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#92
1,2-Dibromo-3-Chloropropane
Concen: 45.93 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

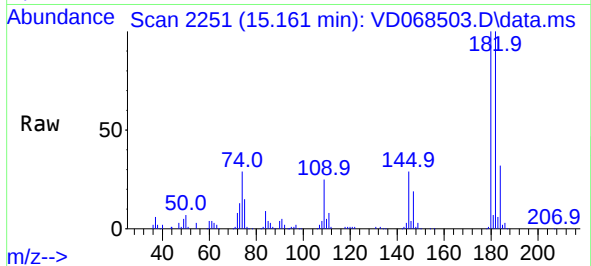
Tgt Ion: 75 Resp: 24709
Ion Ratio Lower Upper
75 100
155 90.2 48.0 144.2
157 112.4 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 51.18 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

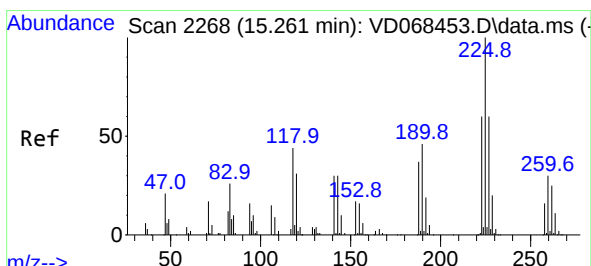
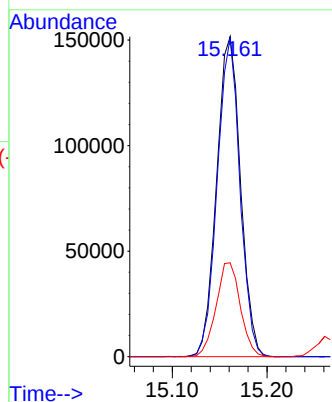
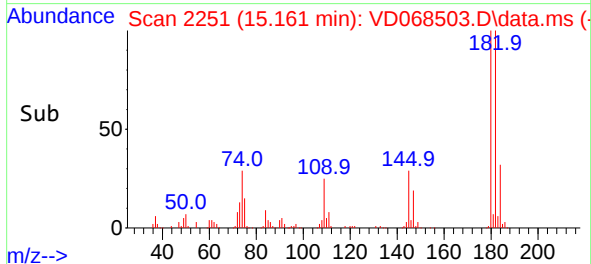
Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050



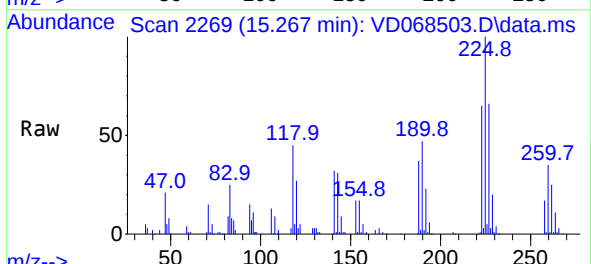
Tgt Ion:180 Resp: 265160
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.4
145 29.8 15.2 45.5

Manual Integrations
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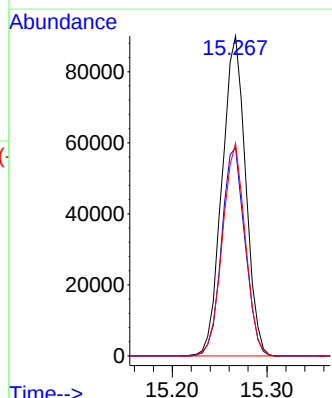
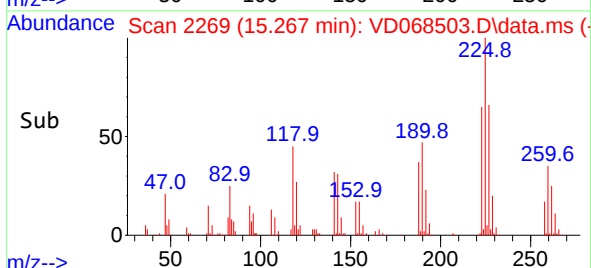
MMDadoda
3/4/2021 2:04:16 PM

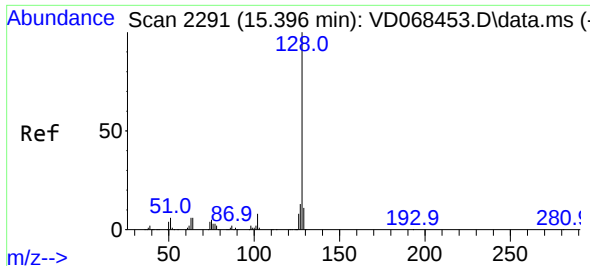


#94
Hexachlorobutadiene
Concen: 54.23 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17



Tgt Ion:225 Resp: 155919
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.5
227 64.5 32.1 96.5





#95
Naphthalene
Concen: 47.82 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

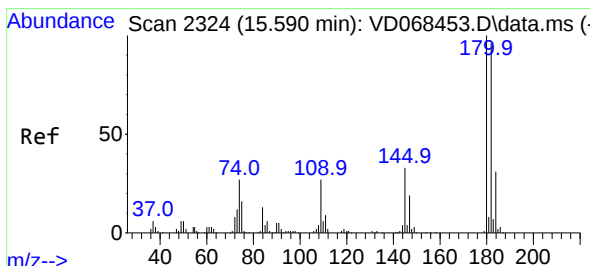
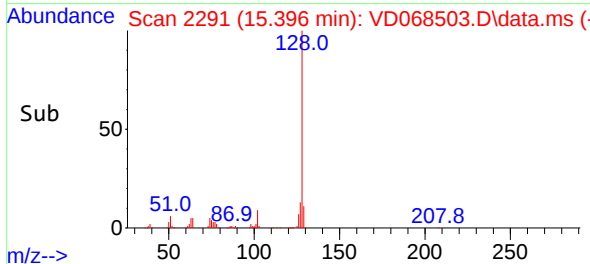
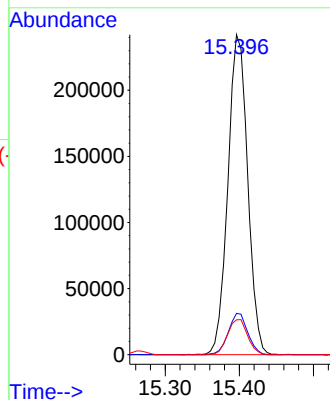
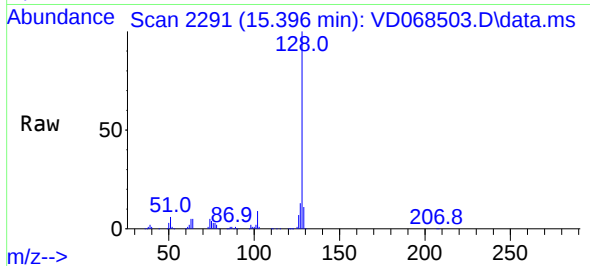
Tgt Ion:128 Resp: 448527

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.1	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.12 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068503.D
Acq: 03 Mar 2021 10:17

Tgt Ion:180 Resp: 224769

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.3	144.8
145	31.2	16.7	50.1

