

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068086.D
 Acq On : 19 Jan 2021 12:28
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
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Quant Time: Jan 19 12:44:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:27:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	559627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	961206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	865587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	386819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	473026	97.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.02%#			
35) Dibromofluoromethane	7.920	113	487297	89.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 178.90%#			
50) Toluene-d8	10.344	98	1837234	90.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 181.16%#			
62) 4-Bromofluorobenzene	12.632	95	677226	94.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 188.90%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	622850	120.20	ug/l	98
3) Chloromethane	2.209	50	667584	134.04	ug/l	98
4) Vinyl Chloride	2.350	62	776048	141.19	ug/l	99
5) Bromomethane	2.762	94	518771	124.30	ug/l	98
6) Chloroethane	2.920	64	471470	136.50	ug/l	96
7) Trichlorofluoromethane	3.279	101	1005396	100.25	ug/l	100
8) Diethyl Ether	3.709	74	302258	120.27	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	590818	106.90	ug/l	95
10) Methyl Iodide	4.303	142	716338	125.69	ug/l	93
11) Tert butyl alcohol	5.220	59	217348	534.25	ug/l	100
12) 1,1-Dichloroethene	4.073	96	589603	110.86	ug/l	91
13) Acrolein	3.926	56	194487	517.24	ug/l	99
14) Allyl chloride	4.720	41	884874	136.71	ug/l	95
15) Acrylonitrile	5.426	53	614876	633.17	ug/l	99
16) Acetone	4.156	43	462612	588.40	ug/l	94
17) Carbon Disulfide	4.415	76	1936069	120.60	ug/l	100
18) Methyl Acetate	4.720	43	246294	119.55	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	1403130	126.58	ug/l	93
20) Methylene Chloride	4.967	84	646481	83.93	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	684613	114.95	ug/l	90
22) Diisopropyl ether	6.367	45	1771998	137.45	ug/l	93
23) Vinyl Acetate	6.309	43	4964789	735.14	ug/l	96
24) 1,1-Dichloroethane	6.267	63	1149817	121.13	ug/l	99
25) 2-Butanone	7.214	43	702091	675.81	ug/l	98
26) 2,2-Dichloropropane	7.214	77	1050670	112.95	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	750003	116.37	ug/l	91
28) Bromochloromethane	7.550	49	370822	117.47	ug/l #	77
29) Tetrahydrofuran	7.567	42	455713	683.22	ug/l	94
30) Chloroform	7.720	83	1159152	110.50	ug/l	96
31) Cyclohexane	7.991	56	1070128	125.18	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	1034809	102.98	ug/l	96
36) 1,1-Dichloropropene	8.114	75	943180	108.72	ug/l	97
37) Ethyl Acetate	7.297	43	333429	122.17	ug/l	97
38) Carbon Tetrachloride	8.103	117	890627	89.57	ug/l	99
39) Methylcyclohexane	9.361	83	1237201	116.73	ug/l	97
40) Benzene	8.355	78	2655595	108.95	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	184197	118.48	ug/l	96
42) 1,2-Dichloroethane	8.426	62	717633	105.67	ug/l	98
43) Isopropyl Acetate	8.455	43	693761	132.87	ug/l	96
44) Trichloroethene	9.114	130	724987	98.41	ug/l	96
45) 1,2-Dichloropropane	9.391	63	649291	114.66	ug/l	98
46) Dibromomethane	9.479	93	334987	103.29	ug/l	94
47) Bromodichloromethane	9.667	83	903750	102.63	ug/l	98
48) Methyl methacrylate	9.461	41	353274	132.06	ug/l	97
49) 1,4-Dioxane	9.467	88	77621	2232.03	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	1644010	639.68	ug/l	97
52) Toluene	10.408	92	1727138	106.53	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	898398	114.25	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	1060262	113.06	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	475583	103.28	ug/l	95
56) Ethyl methacrylate	10.661	69	624873	127.20	ug/l	97
57) 1,3-Dichloropropane	10.949	76	821908	110.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	1381046	575.06	ug/l	92
59) 2-Hexanone	10.985	43	1124251	631.71	ug/l	98
60) Dibromochloromethane	11.144	129	587407	94.52	ug/l	100
61) 1,2-Dibromoethane	11.249	107	461332	104.89	ug/l	99
64) Tetrachloroethene	10.879	164	571319	92.60	ug/l	98
65) Chlorobenzene	11.673	112	1779007	102.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	639769	98.33	ug/l	97
67) Ethyl Benzene	11.744	91	3315811	110.02	ug/l	99
68) m/p-Xylenes	11.855	106	2508695	214.46	ug/l	100
69) o-Xylene	12.179	106	1167552	109.41	ug/l	98
70) Styrene	12.196	104	2000418	109.03	ug/l	98
71) Bromoform	12.361	173	325409	94.57	ug/l #	98
73) Isopropylbenzene	12.479	105	3137525	115.48	ug/l	99
74) N-amyl acetate	12.291	43	658535	146.07	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	499724	115.66	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	332780m	108.99	ug/l	
77) Bromobenzene	12.761	156	680334	105.34	ug/l	86
78) n-propylbenzene	12.820	91	3684856	115.33	ug/l	98
79) 2-Chlorotoluene	12.908	91	2093508	115.38	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	2612230	112.53	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	181395	125.45	ug/l	95
82) 4-Chlorotoluene	13.008	91	2163237	112.35	ug/l	98
83) tert-Butylbenzene	13.220	119	2229667	113.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	2596717	114.11	ug/l	99
85) sec-Butylbenzene	13.402	105	3111947	113.43	ug/l	98
86) p-Isopropyltoluene	13.514	119	2818459	111.06	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	1295342	103.95	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	1274499	101.31	ug/l	99
89) n-Butylbenzene	13.843	91	2669989	115.39	ug/l	98
90) Hexachloroethane	14.108	117	525732	107.64	ug/l	91
91) 1,2-Dichlorobenzene	13.890	146	1120436	103.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	80261	114.17	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	760449	103.73	ug/l	98
94) Hexachlorobutadiene	15.267	225	425276	92.68	ug/l	99
95) Naphthalene	15.396	128	1448215	117.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	639750	101.88	ug/l	99

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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

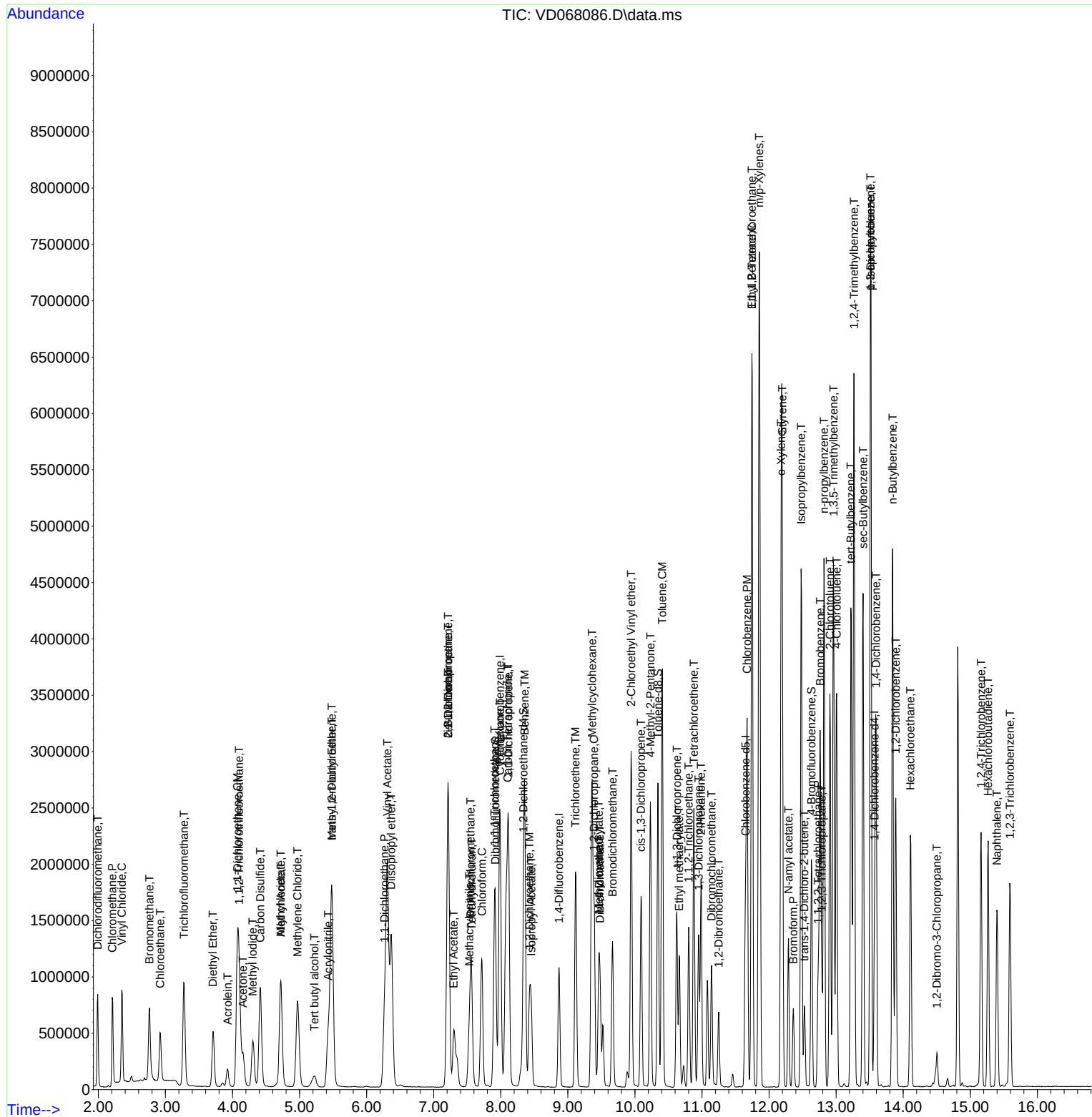
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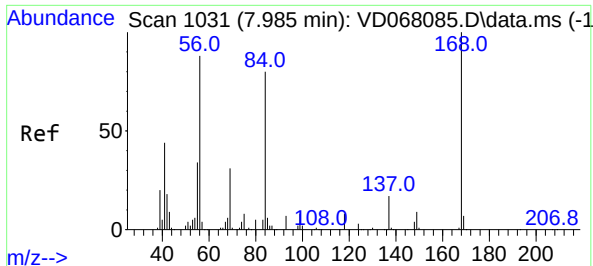
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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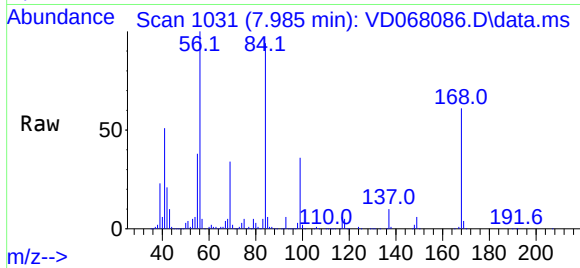
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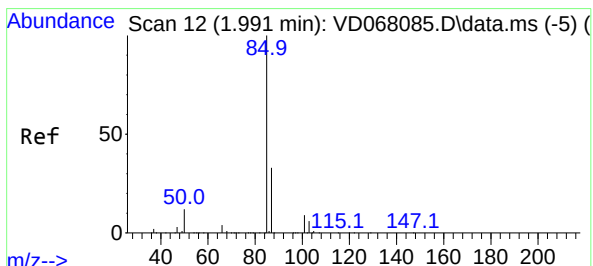
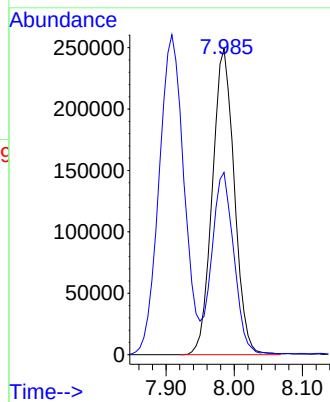
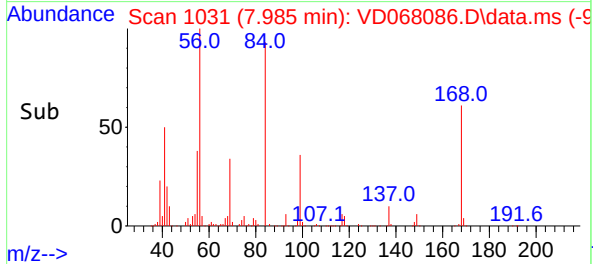




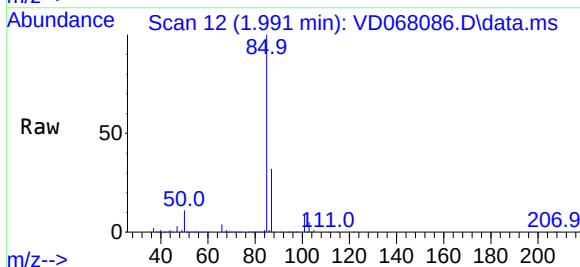
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068086.D
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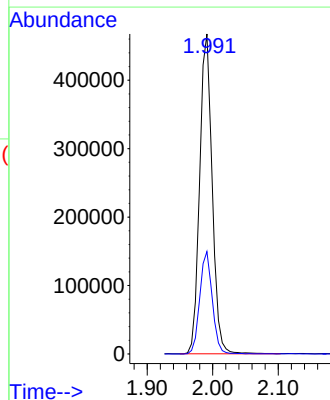
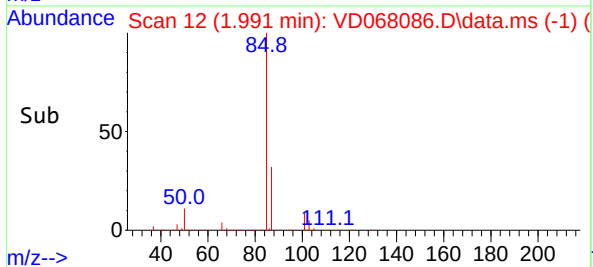
Tgt Ion: 168 Resp: 559627
Ion Ratio Lower Upper
168 100
99 59.2 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 120.20 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



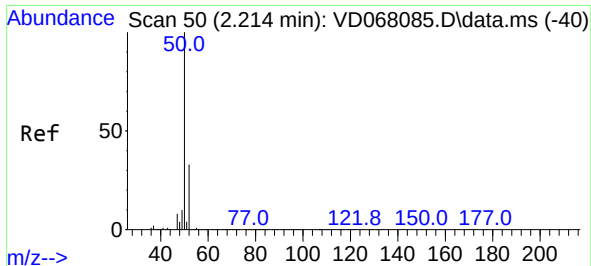
Tgt Ion: 85 Resp: 622850
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1



Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

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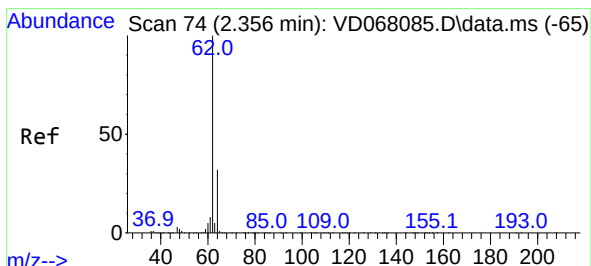
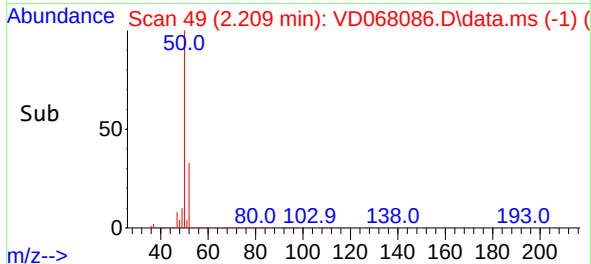
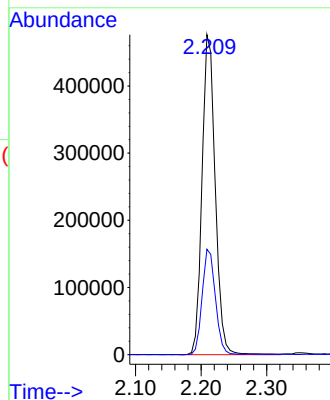
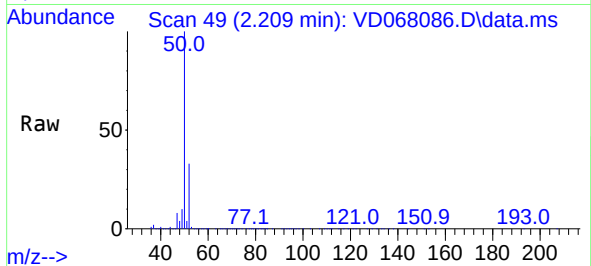
#3
Chloromethane
Concen: 134.04 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 50 Resp: 667584
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

Instrument :
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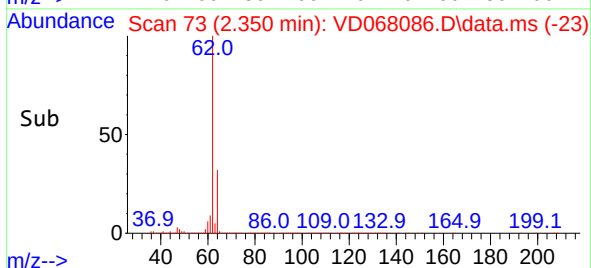
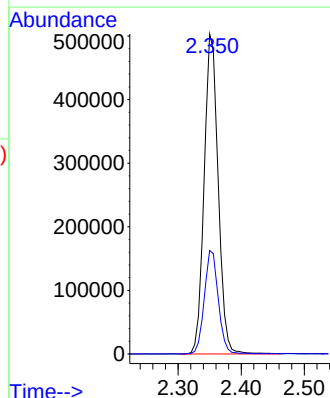
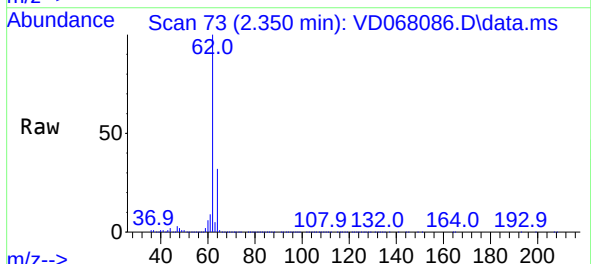
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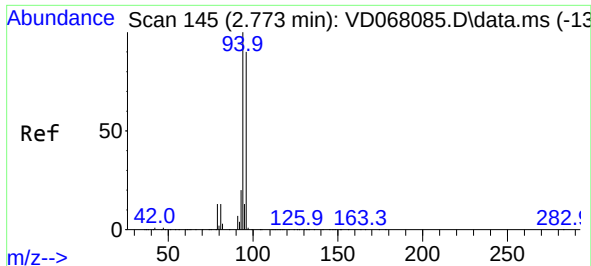
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#4
Vinyl Chloride
Concen: 141.19 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 62 Resp: 776048
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





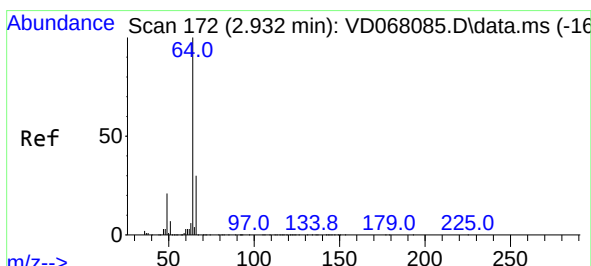
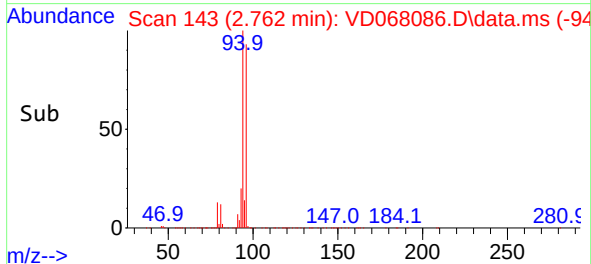
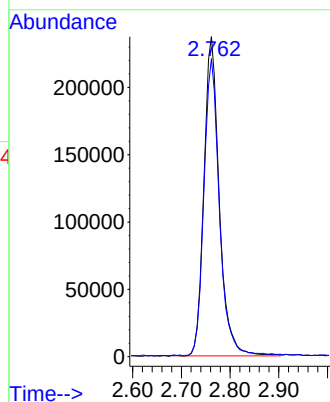
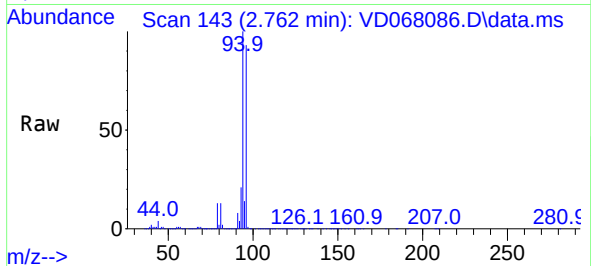
#5
Bromomethane
Concen: 124.30 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.011 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 94 Resp: 518771
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8

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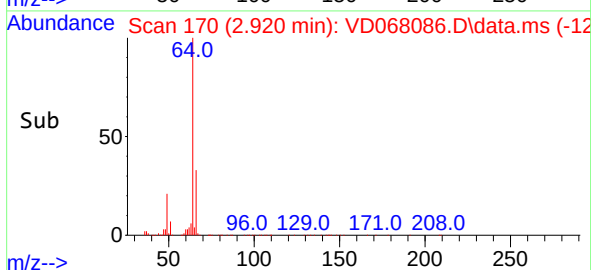
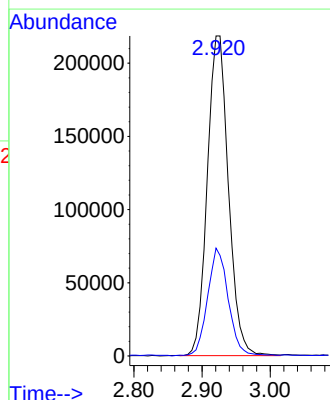
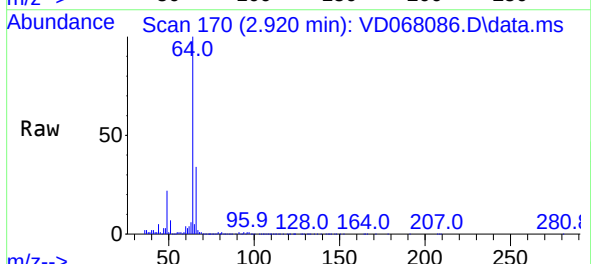
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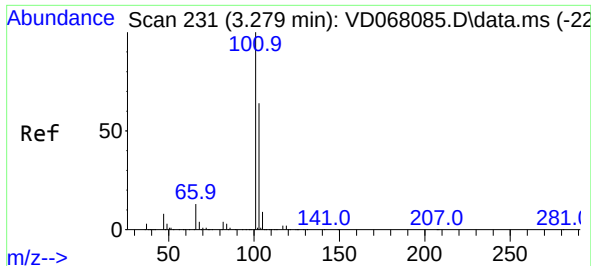
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#6
Chloroethane
Concen: 136.50 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

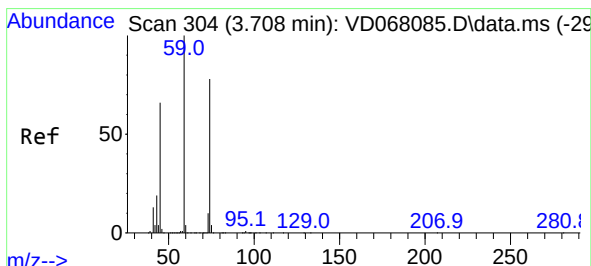
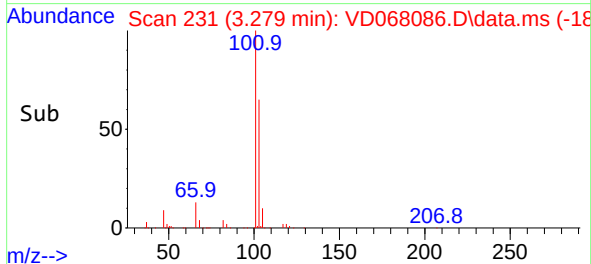
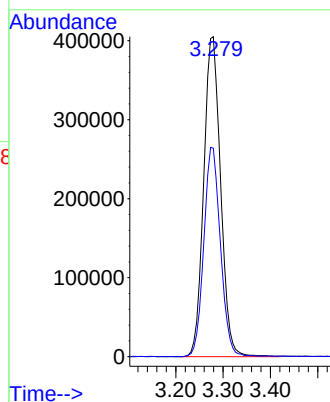
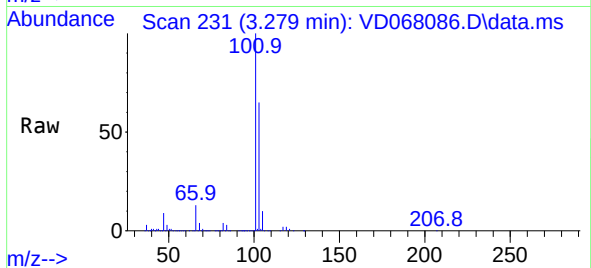
Tgt Ion: 64 Resp: 471470
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





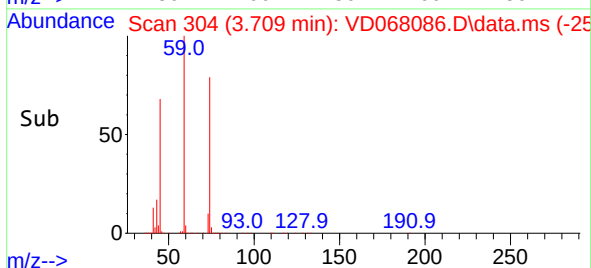
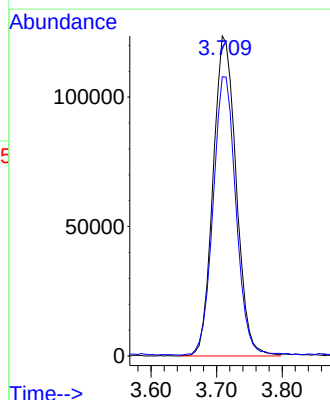
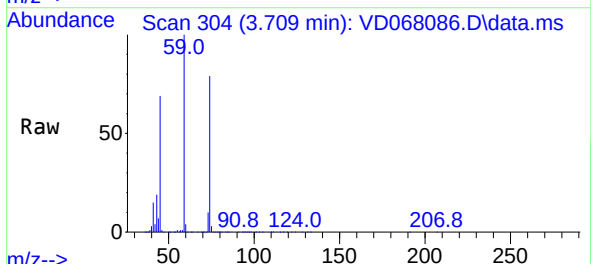
#7
Trichlorofluoromethane
Concen: 100.25 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068086.D
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Tgt Ion:101 Resp: 1005396
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0



#8
Diethyl Ether
Concen: 120.27 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD068086.D
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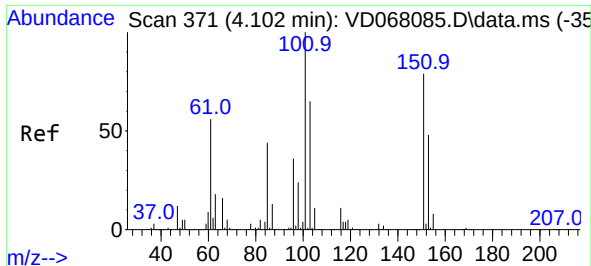
Tgt Ion: 74 Resp: 302258
Ion Ratio Lower Upper
74 100
45 86.1 42.1 126.4



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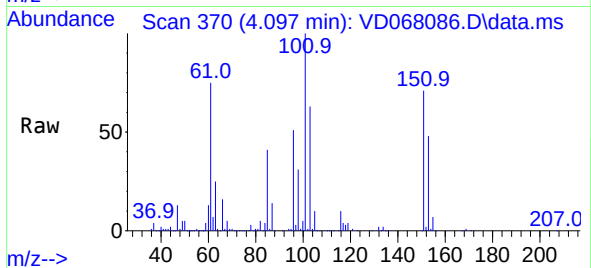
Manual Integrations
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 106.90 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

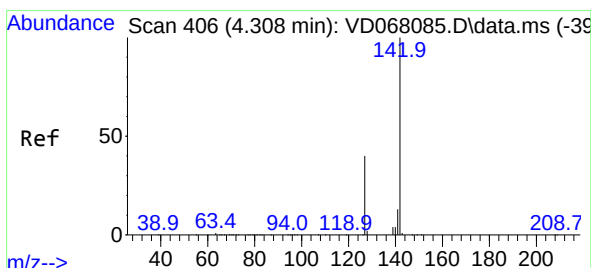
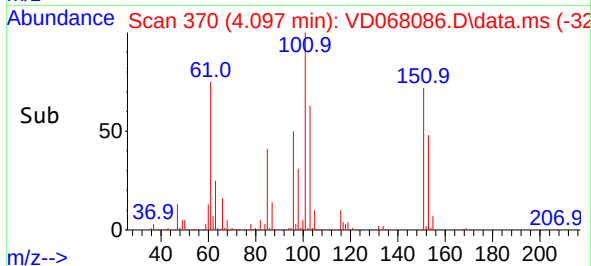
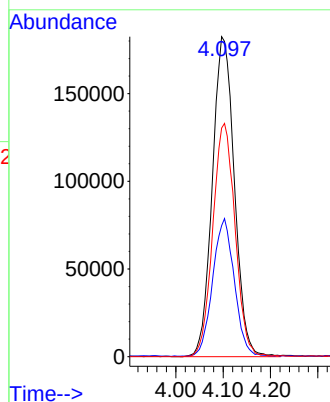
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



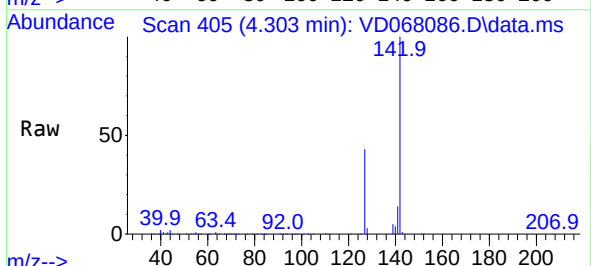
Tgt Ion:101 Resp: 590818
Ion Ratio Lower Upper
101 100
85 42.2 34.0 51.0
151 73.6 64.1 96.1

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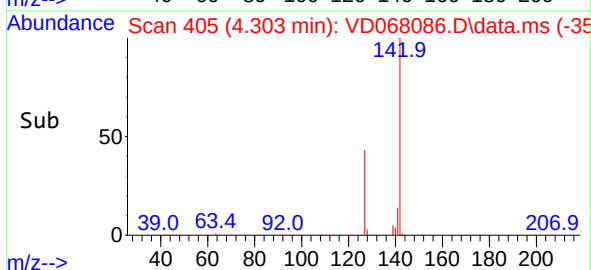
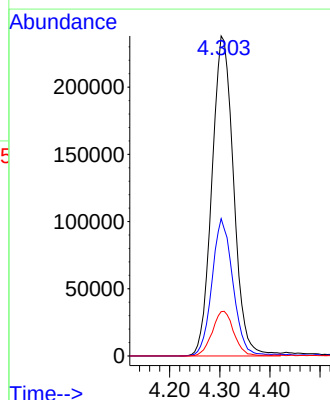
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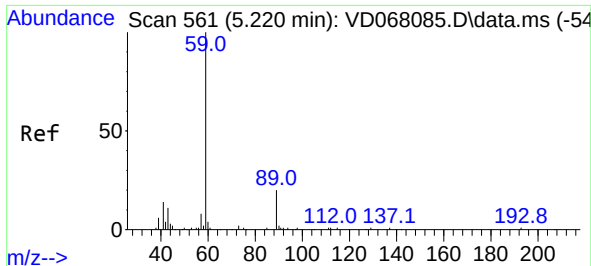


#10
Methyl Iodide
Concen: 125.69 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

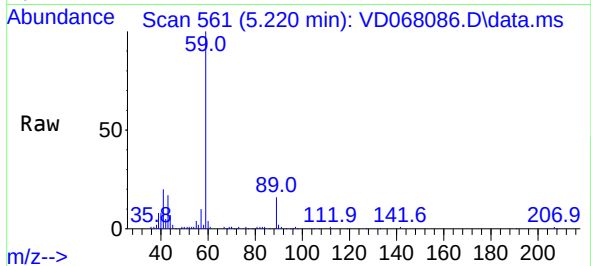


Tgt Ion:142 Resp: 716338
Ion Ratio Lower Upper
142 100
127 41.3 37.9 56.9
141 13.9 11.5 17.3

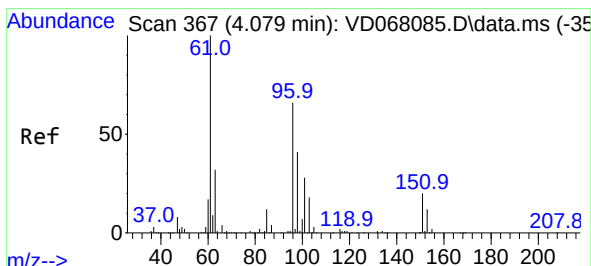
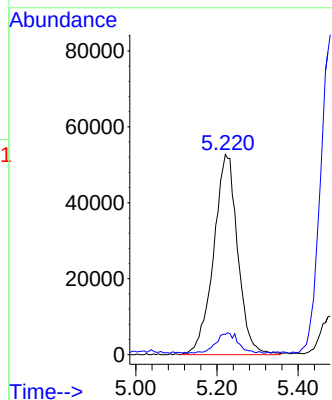
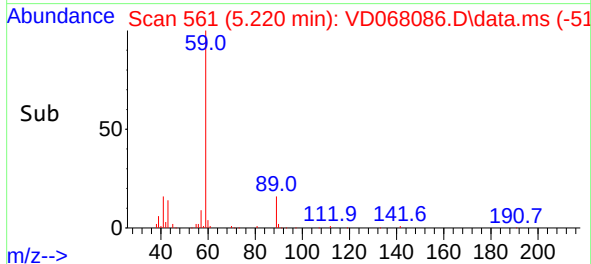




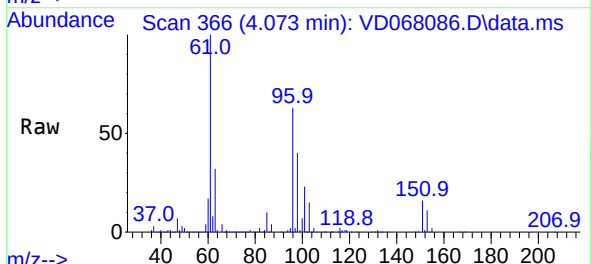
#11
Tert butyl alcohol
Concen: 534.25 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



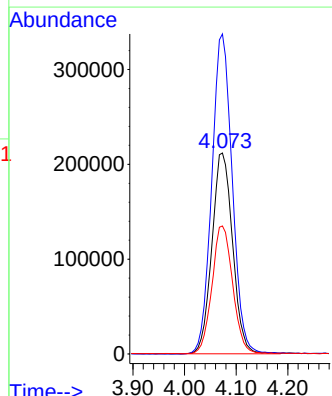
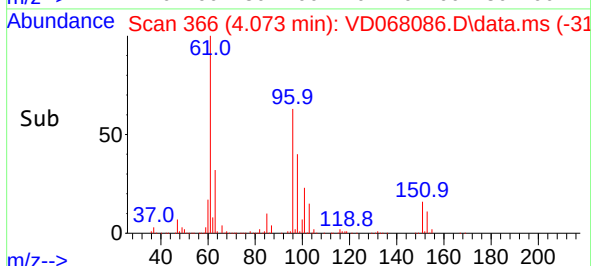
Tgt Ion: 59 Resp: 217348
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2



#12
1,1-Dichloroethene
Concen: 110.86 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



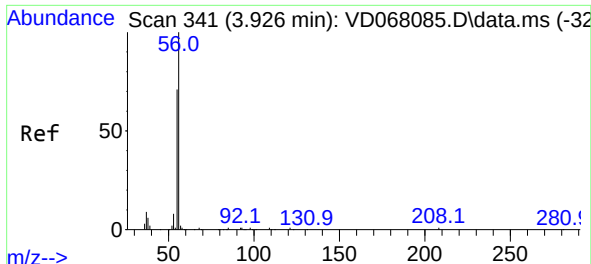
Tgt Ion: 96 Resp: 589603
Ion Ratio Lower Upper
96 100
61 159.4 116.2 174.4
98 63.6 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

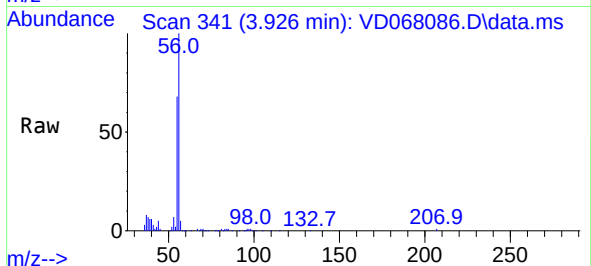
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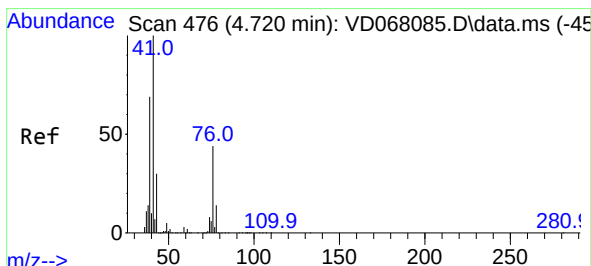
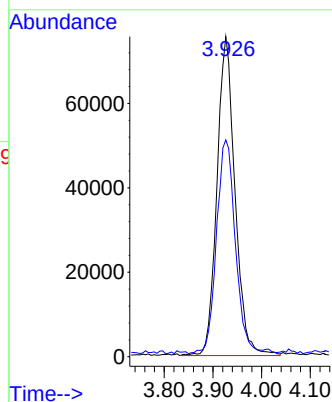
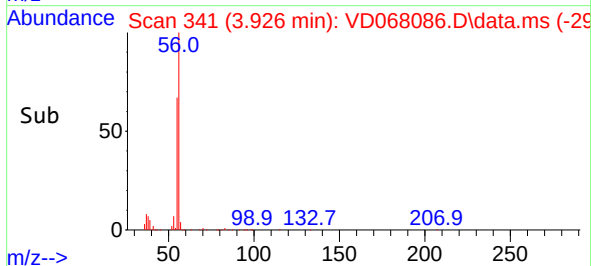


#13
Acrolein
Concen: 517.24 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

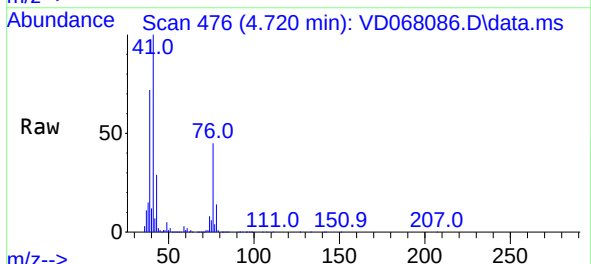
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



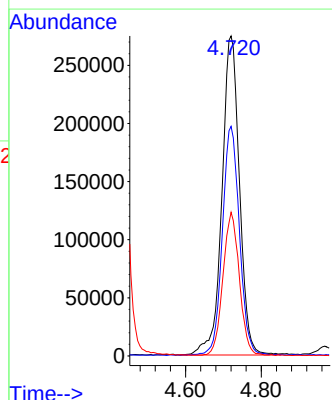
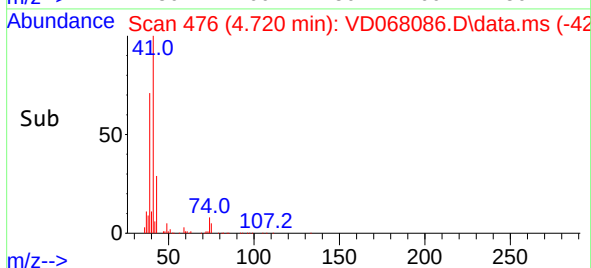
Tgt Ion: 56 Resp: 194487
Ion Ratio Lower Upper
56 100
55 69.7 56.5 84.7

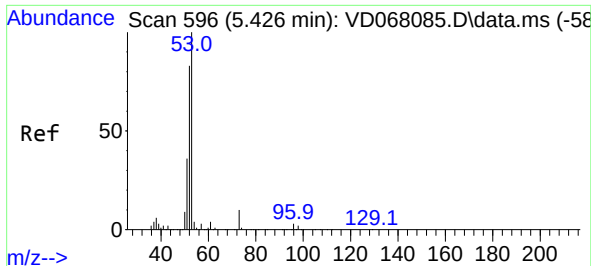


#14
Allyl chloride
Concen: 136.71 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

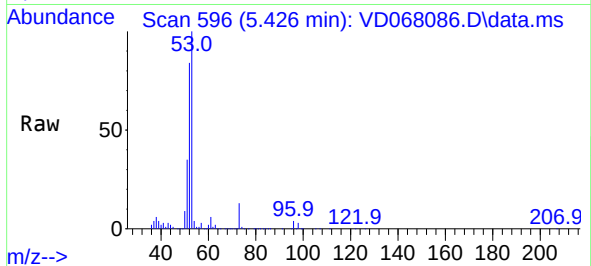


Tgt Ion: 41 Resp: 884874
Ion Ratio Lower Upper
41 100
39 69.4 56.3 84.5
76 41.6 38.9 58.3

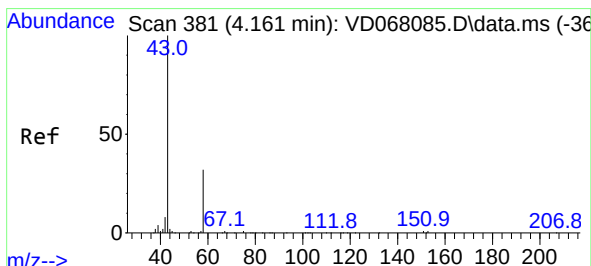
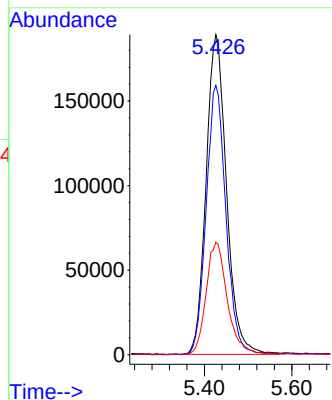
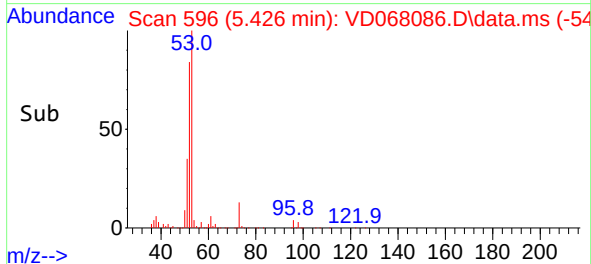




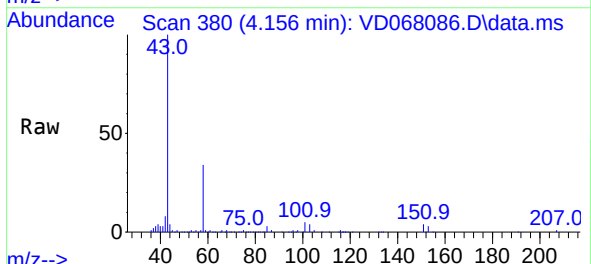
#15
Acrylonitrile
Concen: 633.17 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



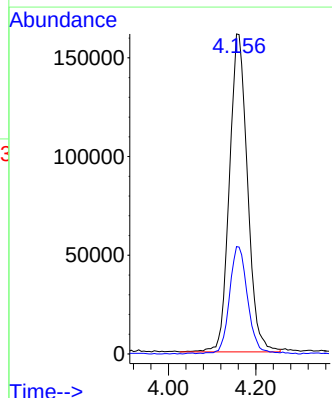
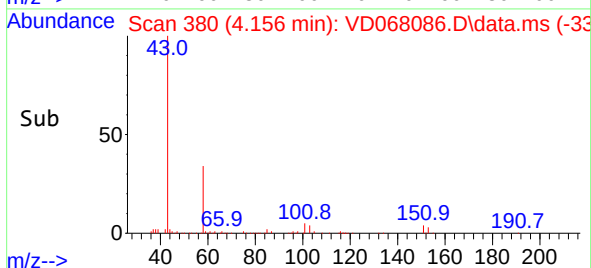
Tgt Ion: 53 Resp: 614876
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.2
51 36.7 29.0 43.4



#16
Acetone
Concen: 588.40 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



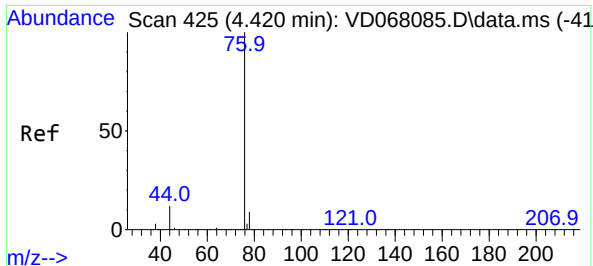
Tgt Ion: 43 Resp: 462612
Ion Ratio Lower Upper
43 100
58 33.6 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

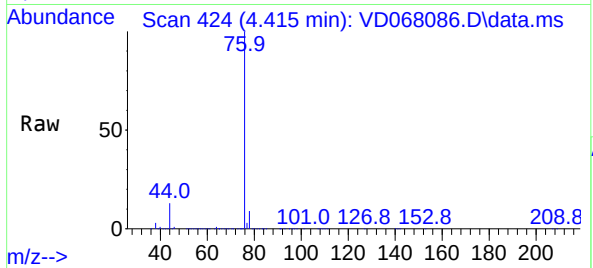
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#17
Carbon Disulfide
Concen: 120.60 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

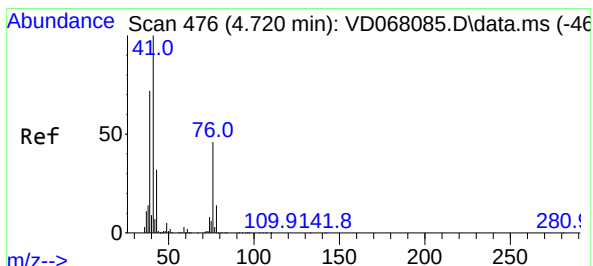
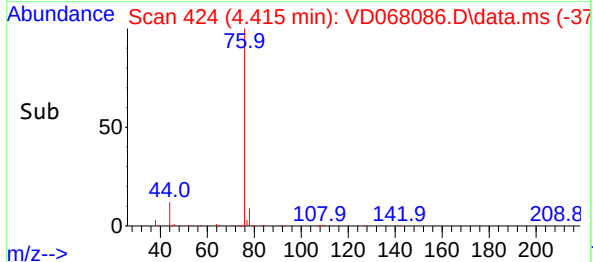
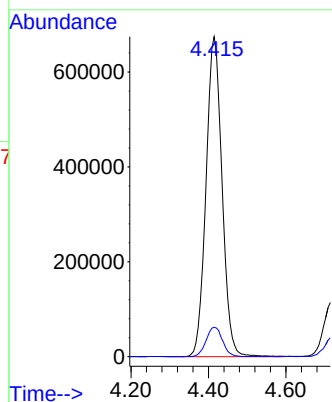
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 1936069
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

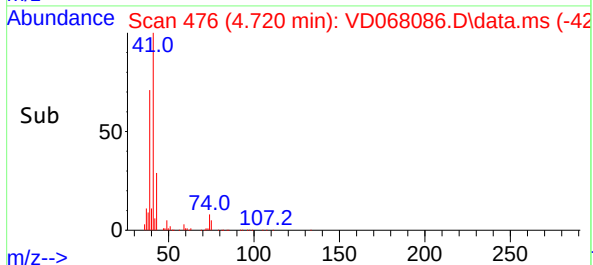
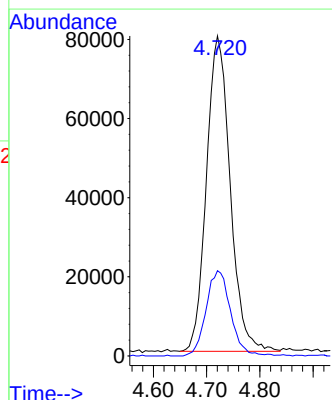
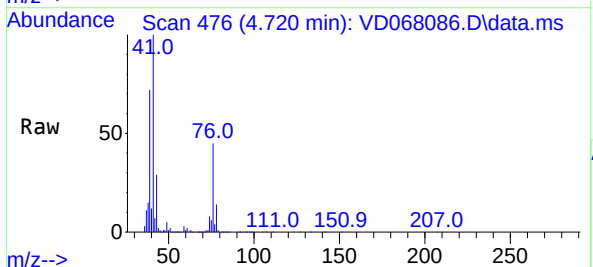
Manual Integrations
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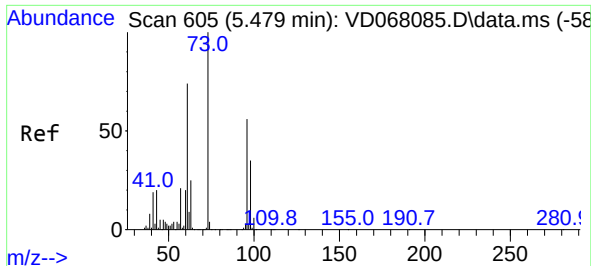
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#18
Methyl Acetate
Concen: 119.55 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 43 Resp: 246294
Ion Ratio Lower Upper
43 100
74 27.9 25.4 38.0





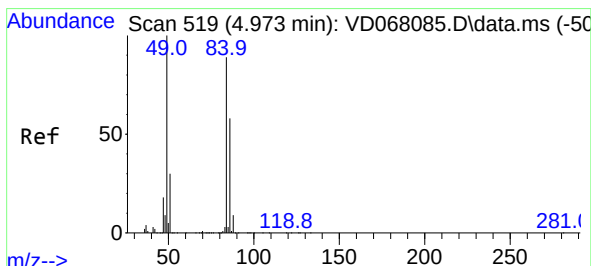
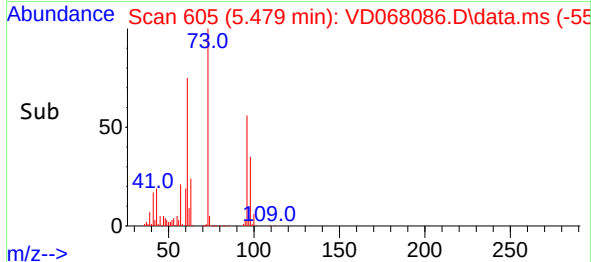
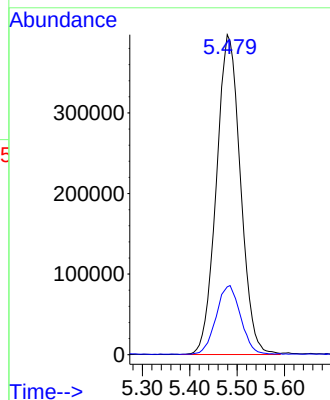
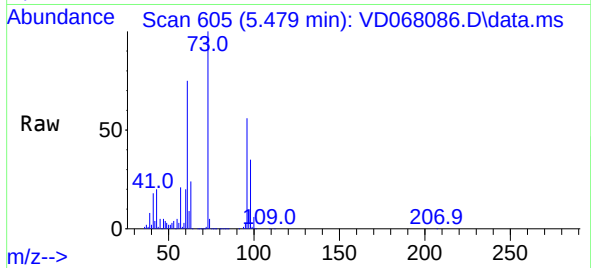
#19
Methyl tert-butyl Ether
Concen: 126.58 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 73 Resp: 1403130
Ion Ratio Lower Upper
73 100
57 21.1 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

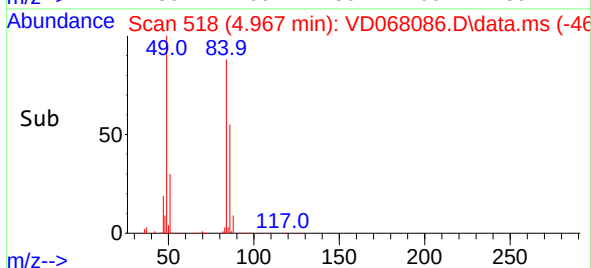
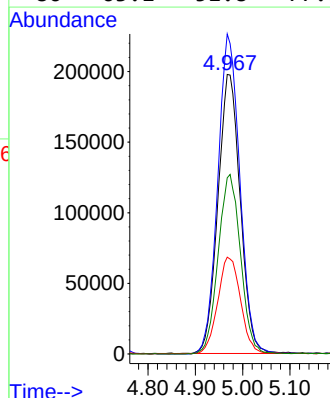
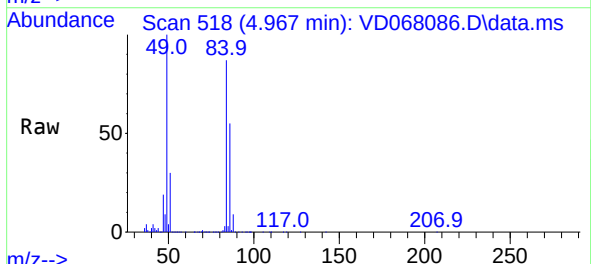
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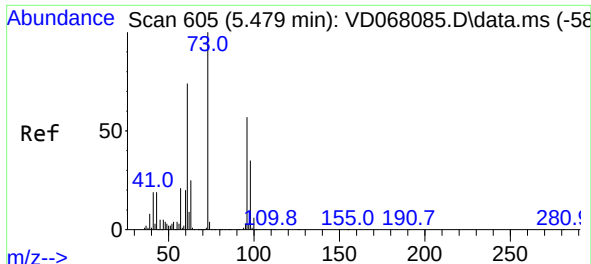
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#20
Methylene Chloride
Concen: 83.93 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

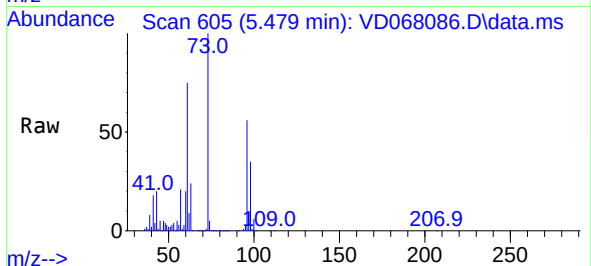
Tgt Ion: 84 Resp: 646481
Ion Ratio Lower Upper
84 100
49 114.7 77.4 116.2
51 34.6 26.1 39.1
86 63.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 114.95 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

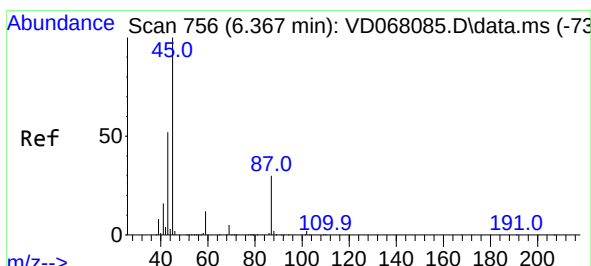
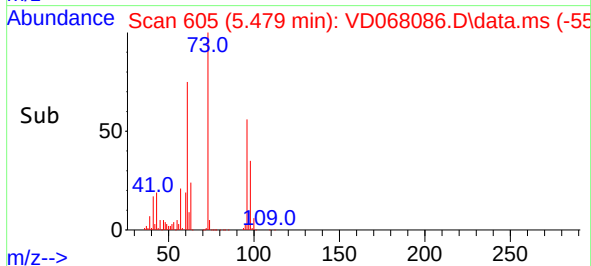
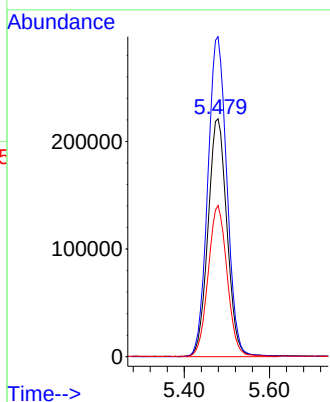


Tgt Ion: 96 Resp: 684613

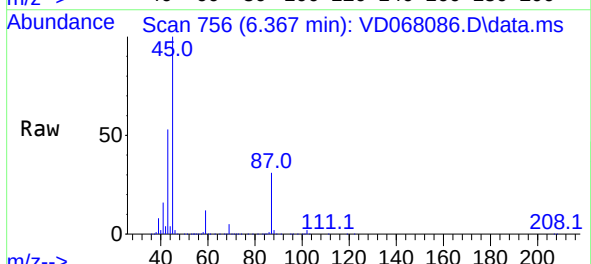
Ion	Ratio	Lower	Upper
96	100		
61	134.5	96.7	145.1
98	63.5	47.6	71.4

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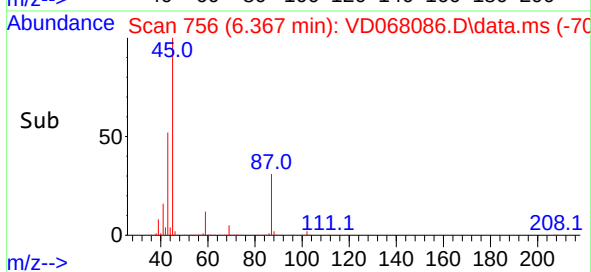
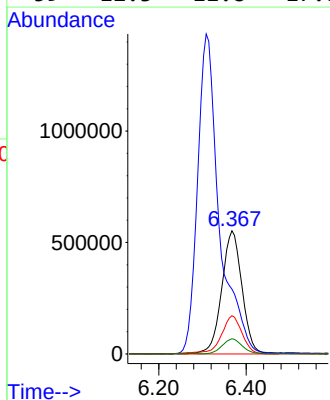


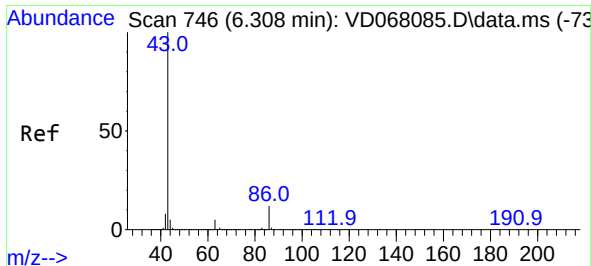
#22
Diisopropyl ether
Concen: 137.45 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion: 45 Resp: 1771998

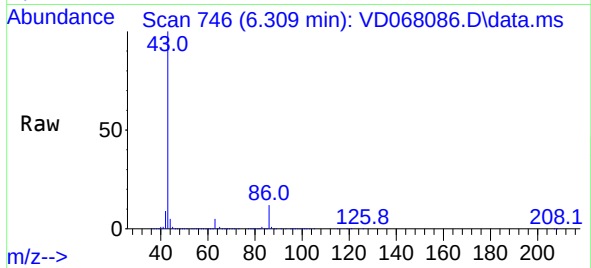
Ion	Ratio	Lower	Upper
45	100		
43	52.0	43.9	65.9
87	30.9	29.9	44.9
59	12.3	11.8	17.8





#23
 Vinyl Acetate
 Concen: 735.14 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068086.D
 Acq: 19 Jan 2021 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

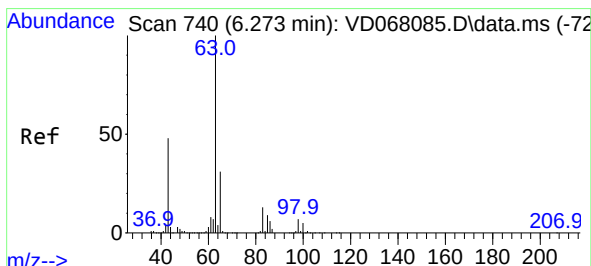
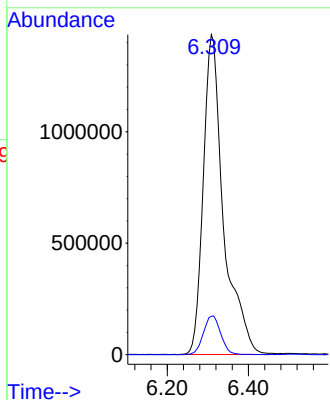
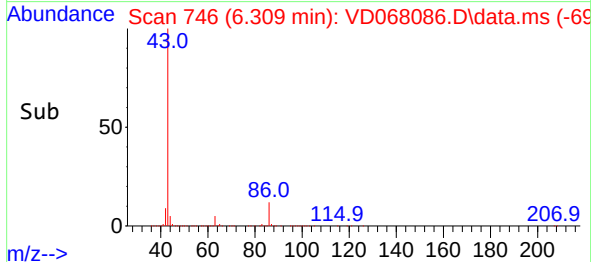


Tgt Ion: 43 Resp: 4964789

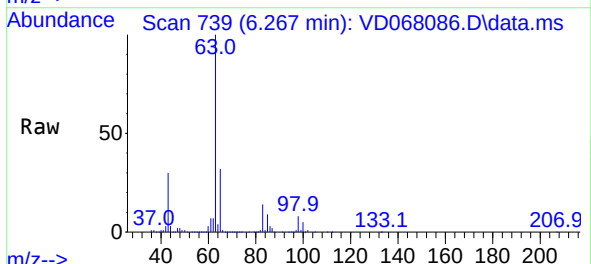
Ion	Ratio	Lower	Upper
43	100		
86	12.0	10.8	16.2

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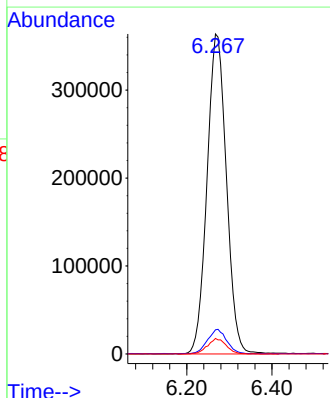
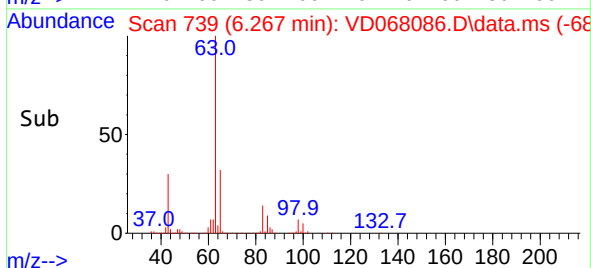


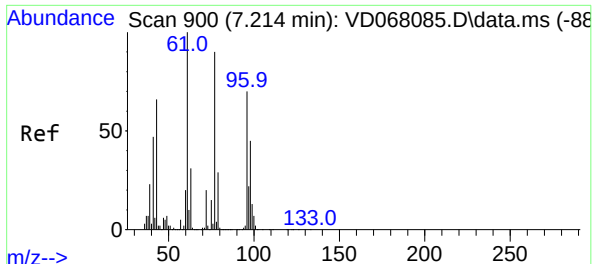
#24
 1,1-Dichloroethane
 Concen: 121.13 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068086.D
 Acq: 19 Jan 2021 12:28



Tgt Ion: 63 Resp: 1149817

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.8	2.6	8.0





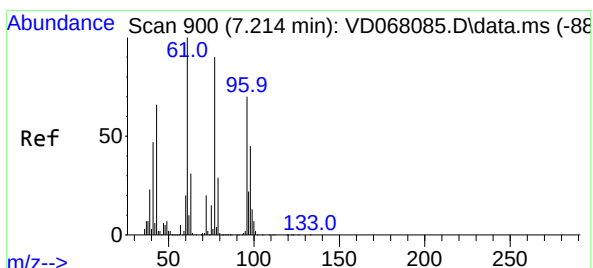
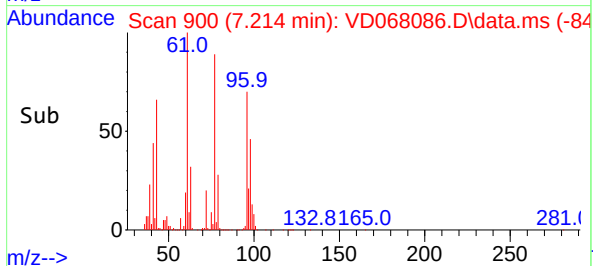
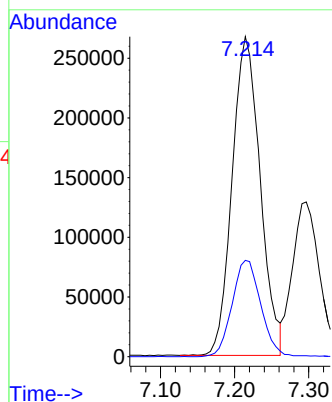
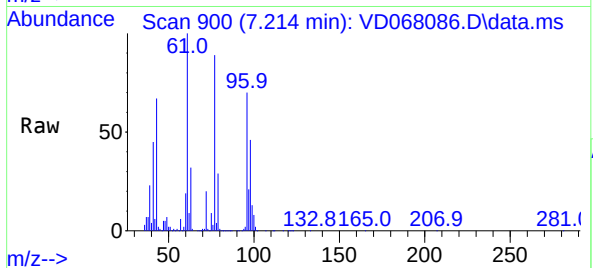
#25
2-Butanone
Concen: 675.81 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 43 Resp: 702091
Ion Ratio Lower Upper
43 100
72 30.2 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

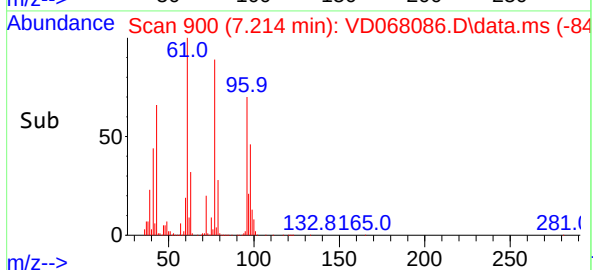
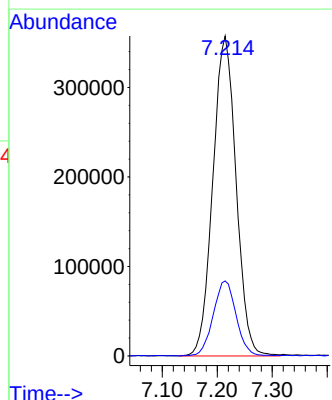
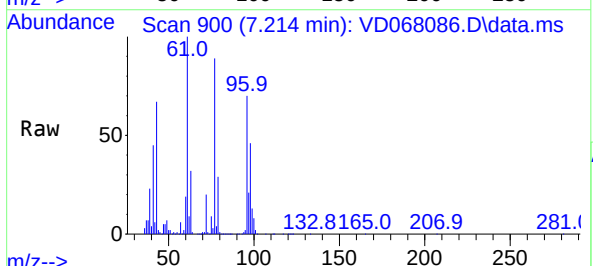
Manual Integrations
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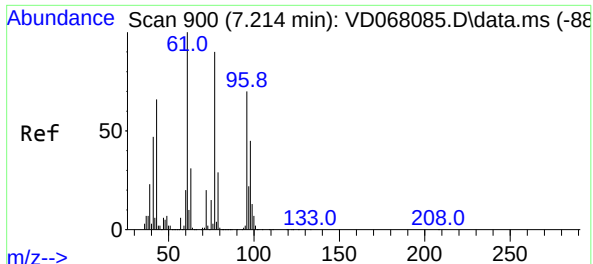
MMDadoda
1/20/2021 4:56:57 PM



#26
2,2-Dichloropropane
Concen: 112.95 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 77 Resp: 1050670
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 116.37 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

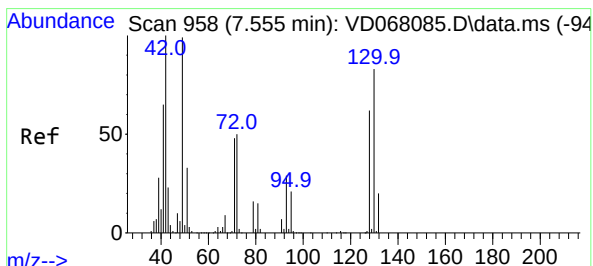
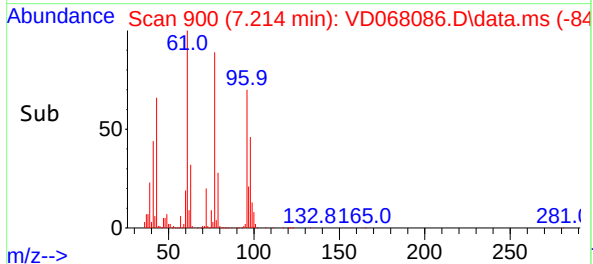
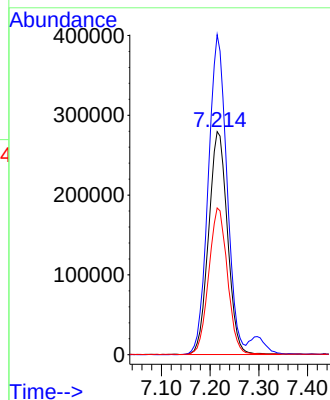
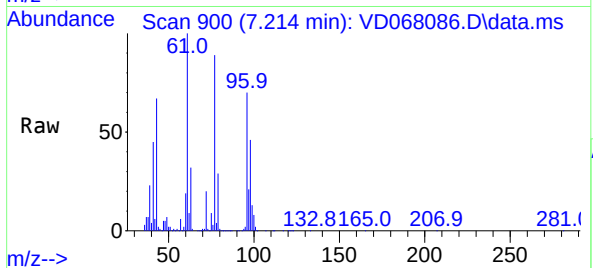
Tgt Ion: 96 Resp: 750003

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	257.4
98	65.3	0.0	126.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

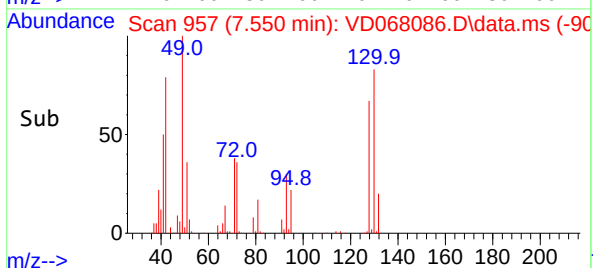
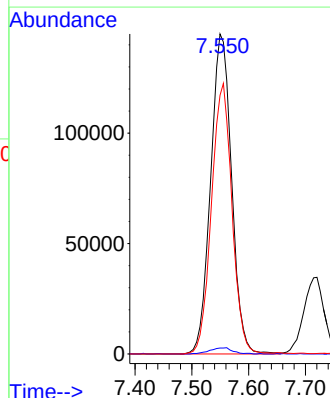
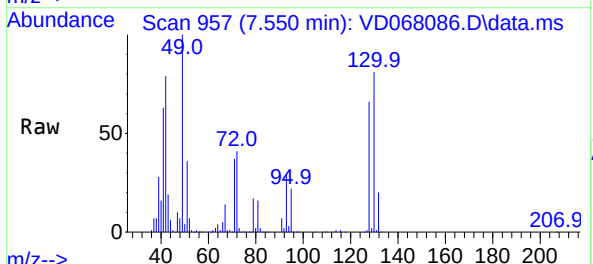
MMDadoda
1/20/2021 4:56:57 PM

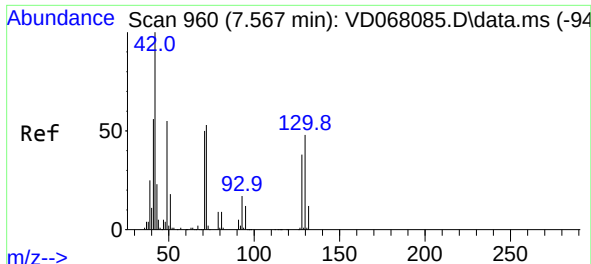


#28
Bromochloromethane
Concen: 117.47 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 49 Resp: 370822

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	82.8	85.5	128.3





#29
Tetrahydrofuran
Concen: 683.22 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

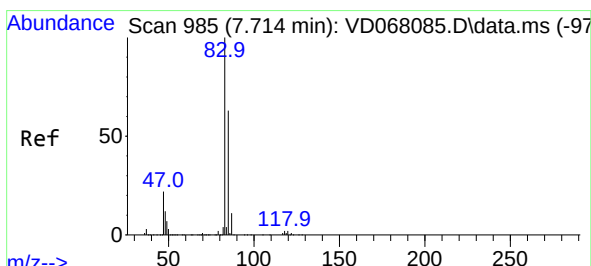
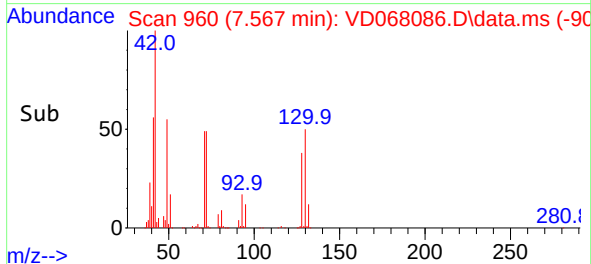
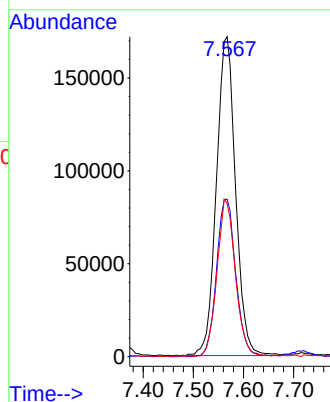
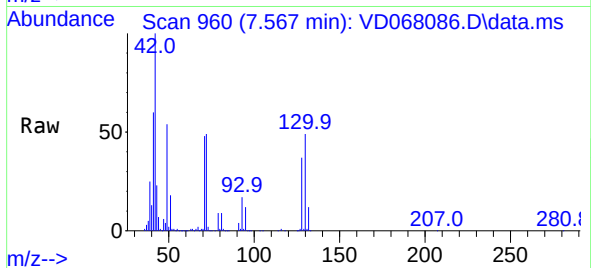
Tgt Ion: 42 Resp: 455713

Ion	Ratio	Lower	Upper
42	100		
72	49.7	43.4	65.0
71	47.0	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

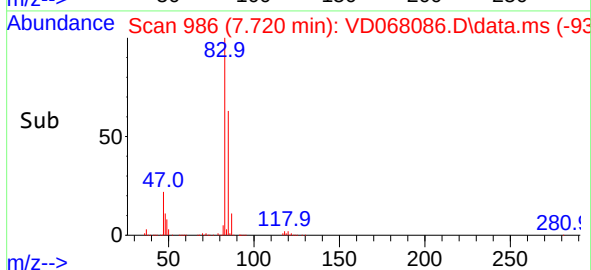
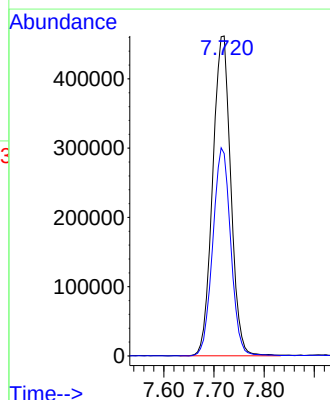
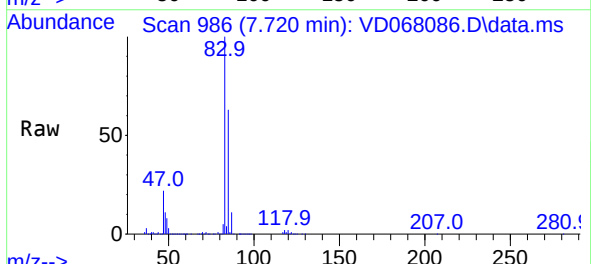
MMDadoda
1/20/2021 4:56:57 PM

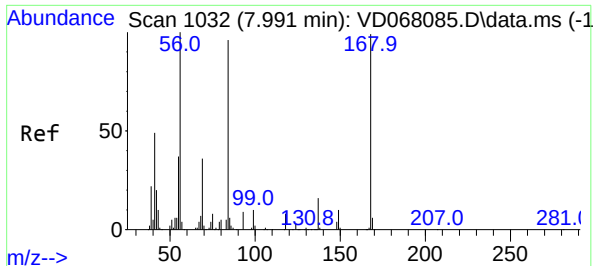


#30
Chloroform
Concen: 110.50 ug/l
RT: 7.720 min Scan# 986
Delta R.T. 0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

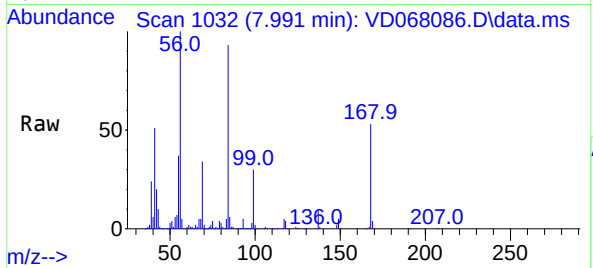
Tgt Ion: 83 Resp: 1159152

Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.4	80.0

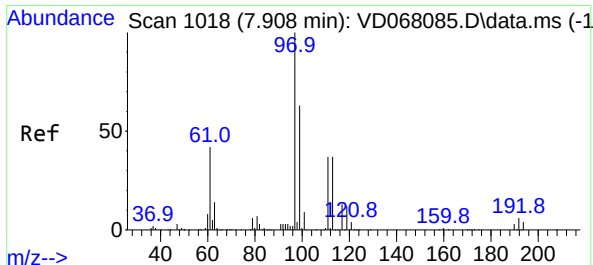
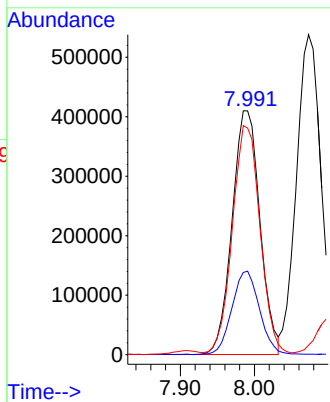
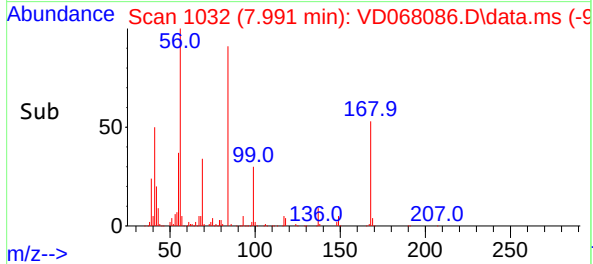




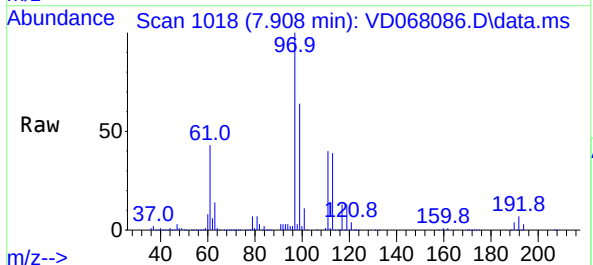
#31
Cyclohexane
Concen: 125.18 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



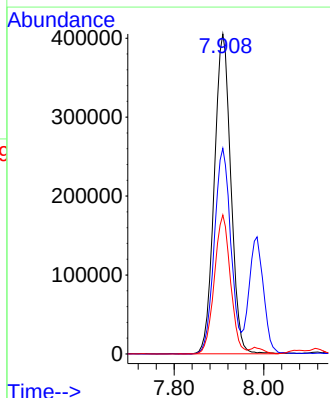
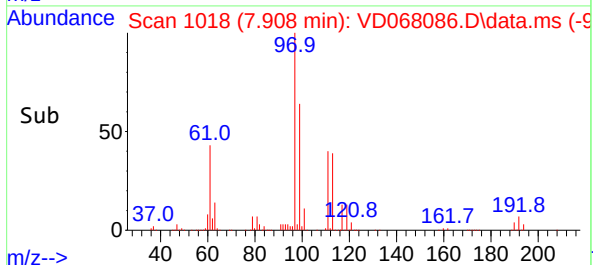
Tgt Ion: 56 Resp: 1070128
Ion Ratio Lower Upper
56 100
69 34.1 30.1 45.1
84 91.7 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 102.98 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



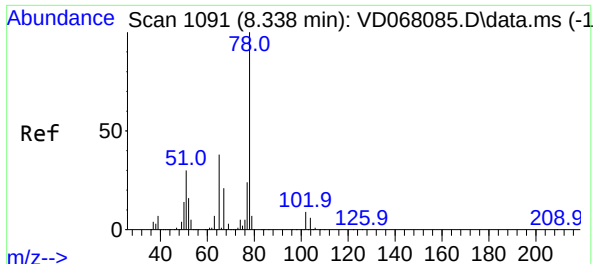
Tgt Ion: 97 Resp: 1034809
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 42.4 30.1 45.1



Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

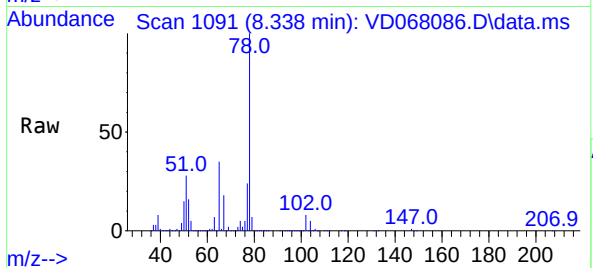
Manual Integrations
APPROVED

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#33
1,2-Dichloroethane-d4
Concen: 97.51 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

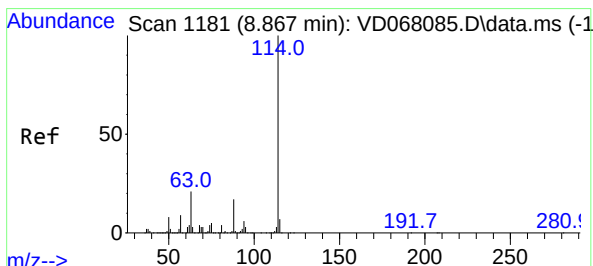
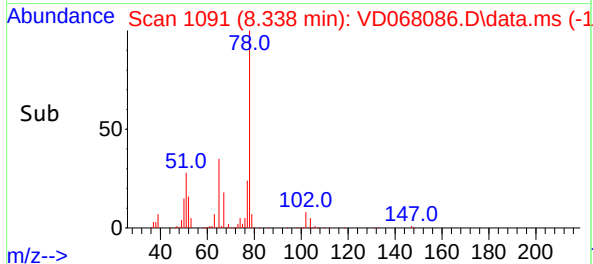
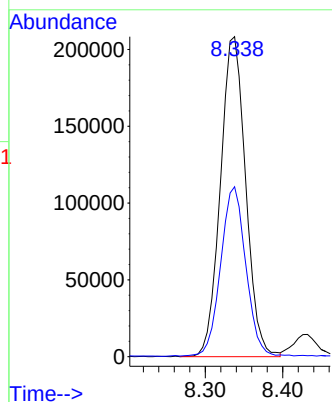
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



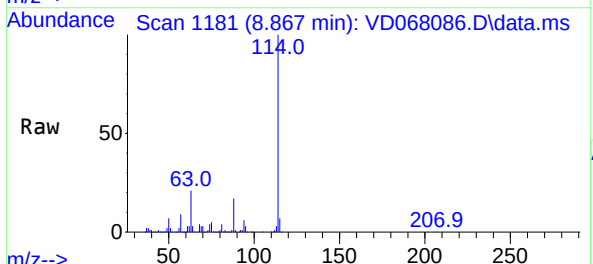
Tgt Ion: 65 Resp: 473026
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

Manual Integrations
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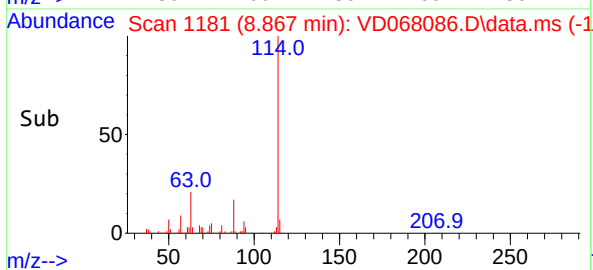
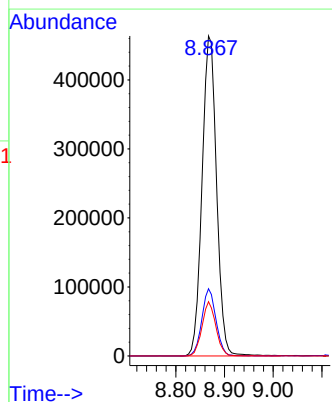
MMDadoda
1/20/2021 4:56:57 PM

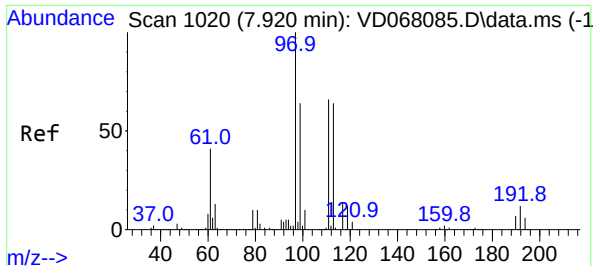


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

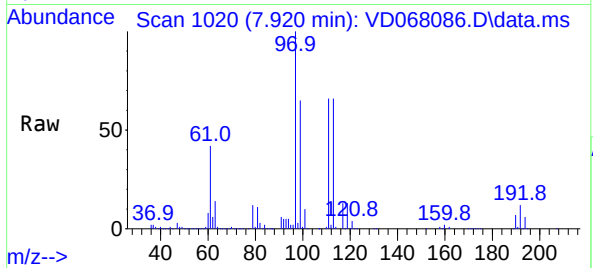


Tgt Ion: 114 Resp: 961206
Ion Ratio Lower Upper
114 100
63 21.0 0.0 34.8
88 17.0 0.0 31.6

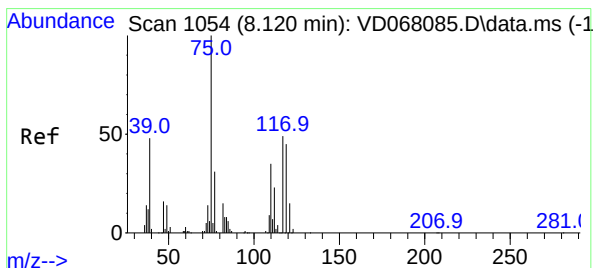
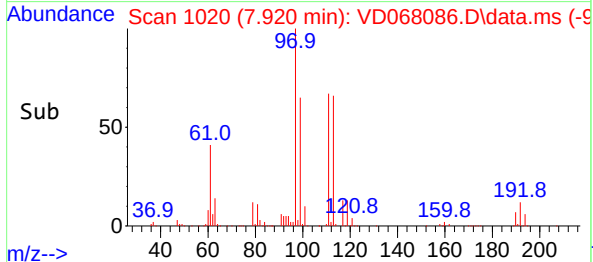
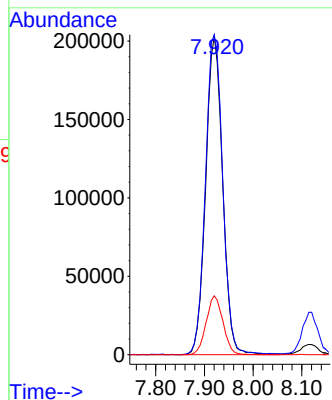




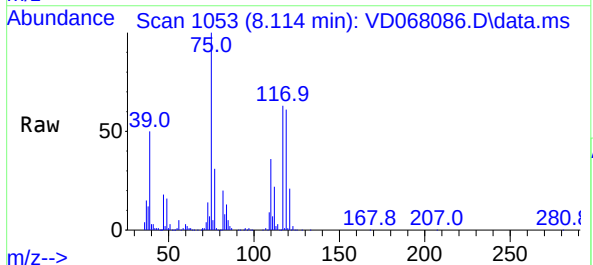
#35
Dibromofluoromethane
Concen: 89.45 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



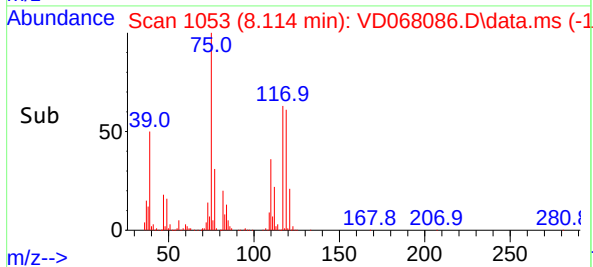
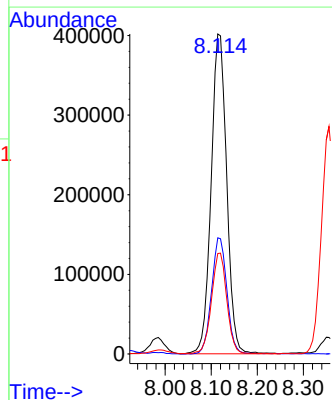
Tgt Ion:113 Resp: 487297
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 108.72 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



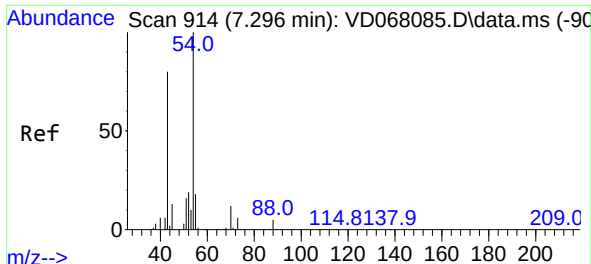
Tgt Ion: 75 Resp: 943180
Ion Ratio Lower Upper
75 100
110 35.7 19.4 58.2
77 30.8 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

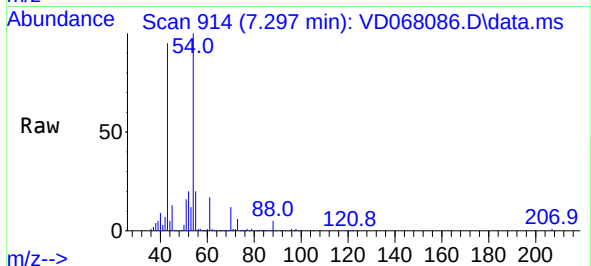
Manual Integrations
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1/20/2021 4:56:57 PM



#37
Ethyl Acetate
Concen: 122.17 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

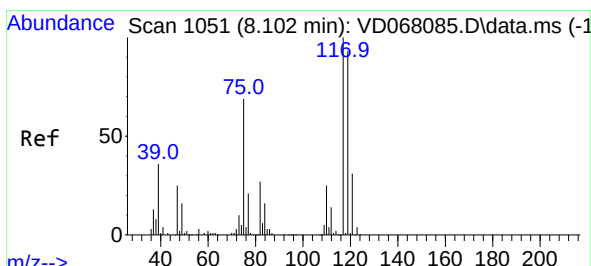
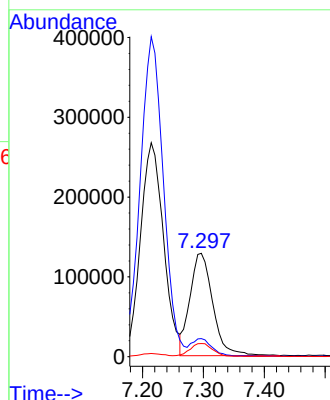
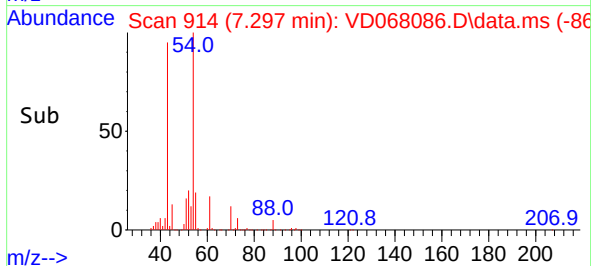
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



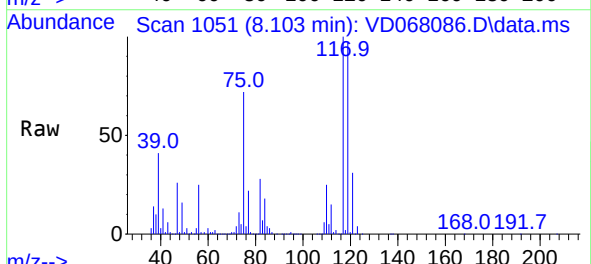
Tgt Ion: 43 Resp: 333429
Ion Ratio Lower Upper
43 100
61 15.0 12.9 19.3
70 12.7 11.0 16.6

Manual Integrations
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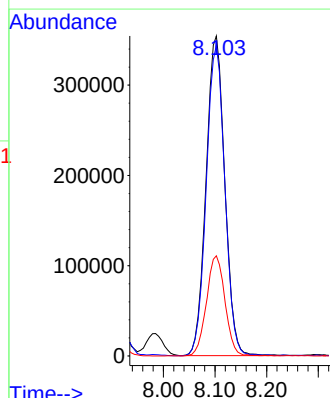
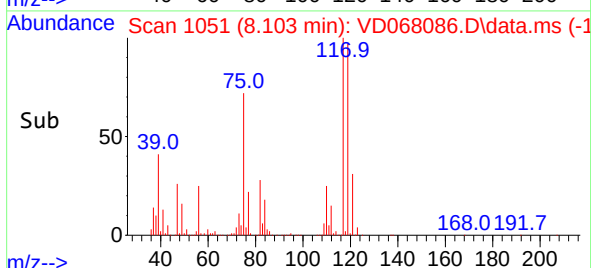
MMDadoda
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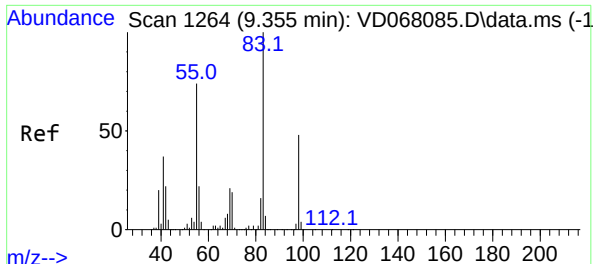


#38
Carbon Tetrachloride
Concen: 89.57 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion: 117 Resp: 890627
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 116.73 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD068086.D

Acq: 19 Jan 2021 12:28

Tgt Ion: 83 Resp: 1237201

Ion	Ratio	Lower	Upper
83	100		
55	72.2	55.2	82.8
98	49.4	39.1	58.7

Instrument :

MSVOA_D

ClientSampleId :

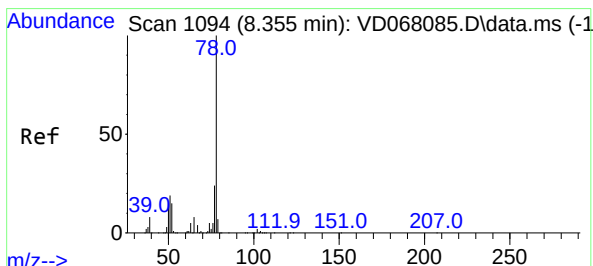
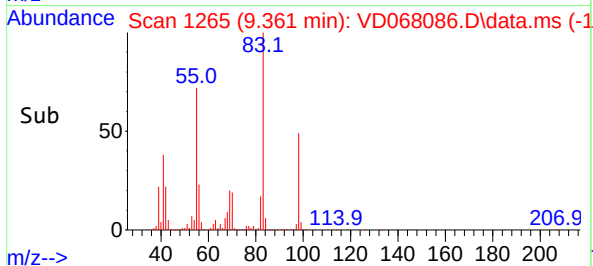
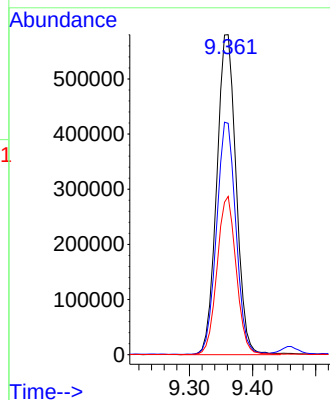
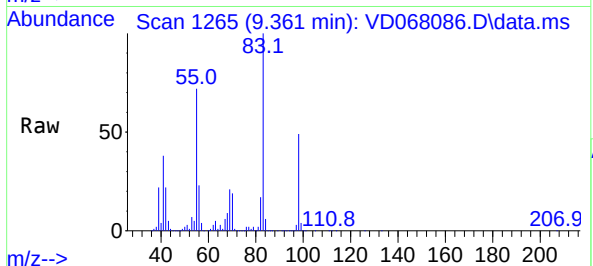
VSTDIC100

Manual Integrations

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#40

Benzene

Concen: 108.95 ug/l

RT: 8.355 min Scan# 1094

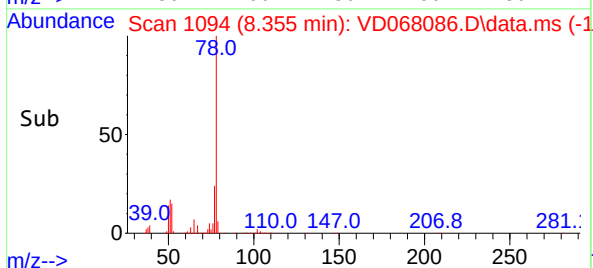
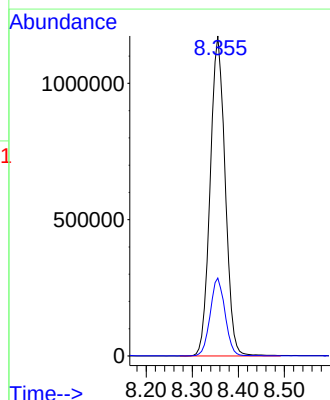
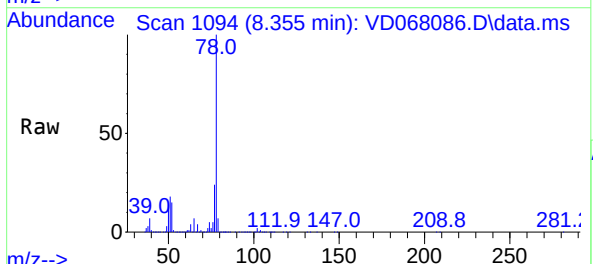
Delta R.T. 0.000 min

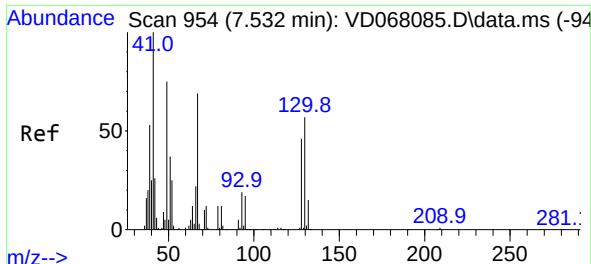
Lab File: VD068086.D

Acq: 19 Jan 2021 12:28

Tgt Ion: 78 Resp: 2655595

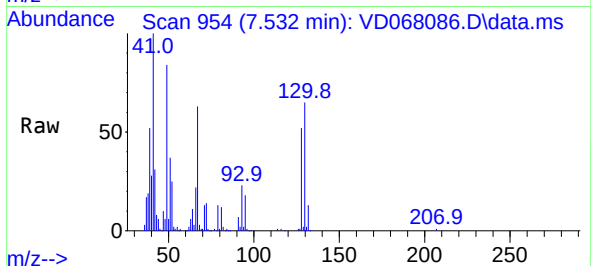
Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.8	26.6





#41
Methacrylonitrile
Concen: 118.48 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

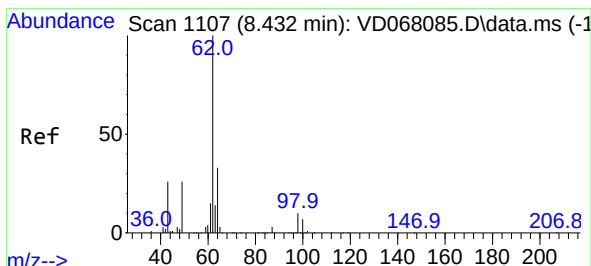
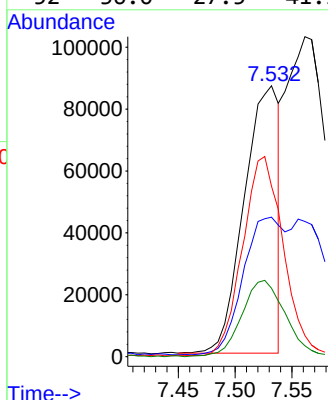
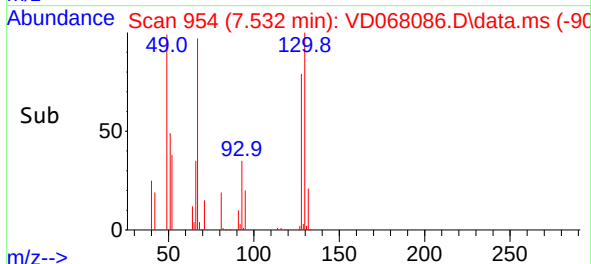
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



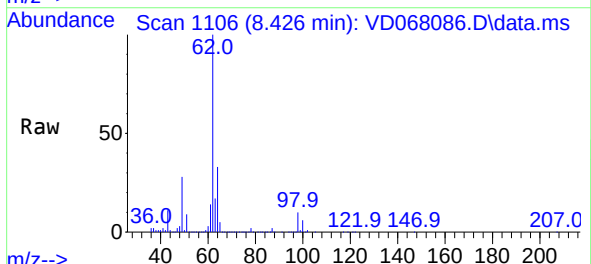
Tgt Ion: 41 Resp: 184197
Ion Ratio Lower Upper
41 100
39 60.5 45.2 67.8
67 86.8 67.4 101.2
52 36.0 27.5 41.3

Manual Integrations
APPROVED

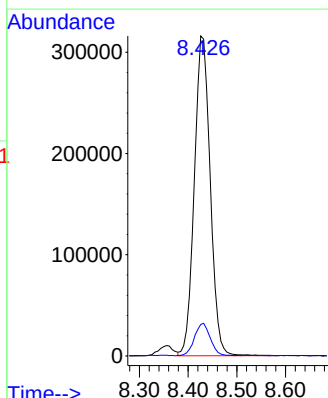
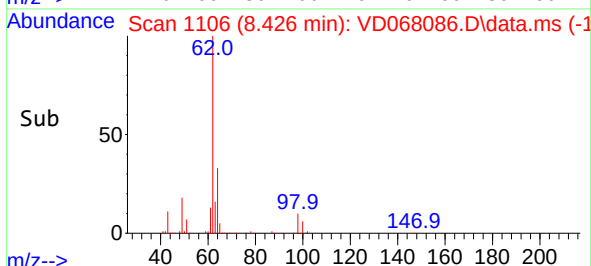
MMDadoda
1/20/2021 4:56:57 PM

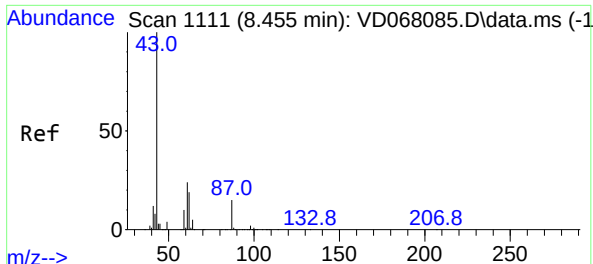


#42
1,2-Dichloroethane
Concen: 105.67 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion: 62 Resp: 717633
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 132.87 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

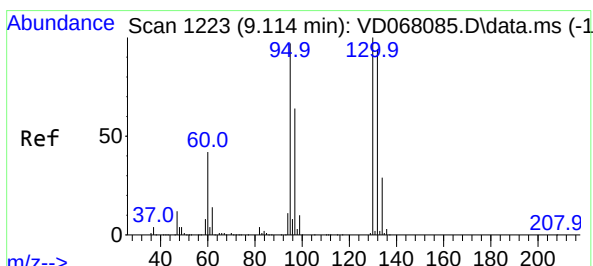
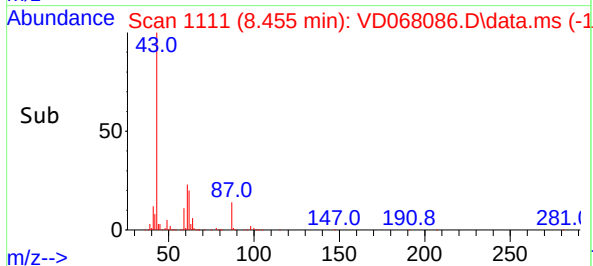
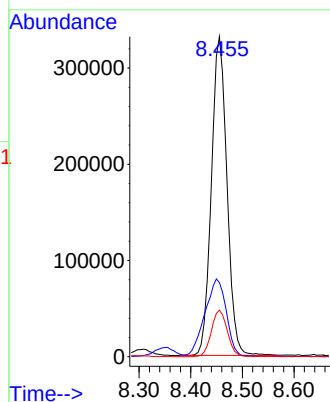
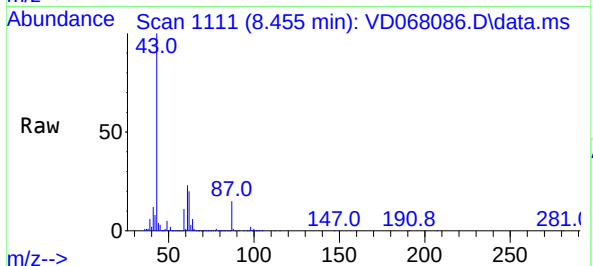
Tgt Ion: 43 Resp: 693761

Ion	Ratio	Lower	Upper
43	100		
61	33.7	28.7	43.1
87	15.0	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

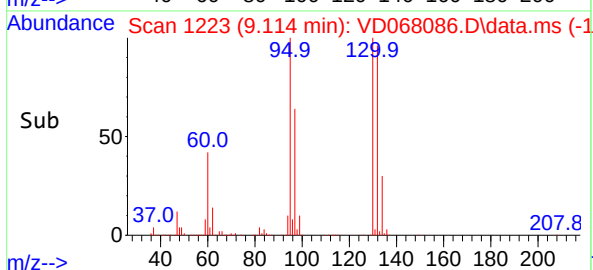
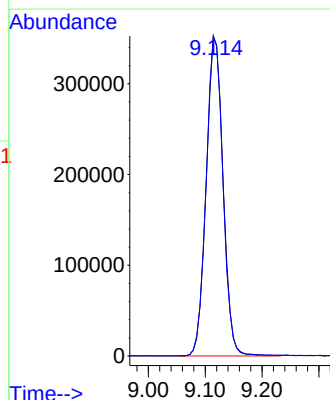
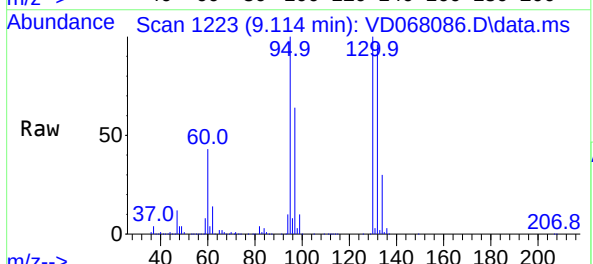
MMDadoda
1/20/2021 4:56:57 PM

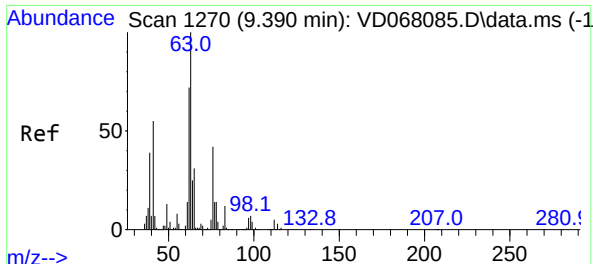


#44
Trichloroethene
Concen: 98.41 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:130 Resp: 724987

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	191.2





#45

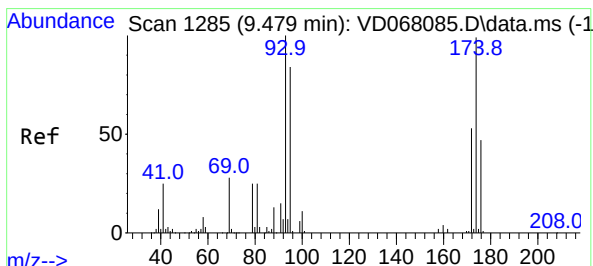
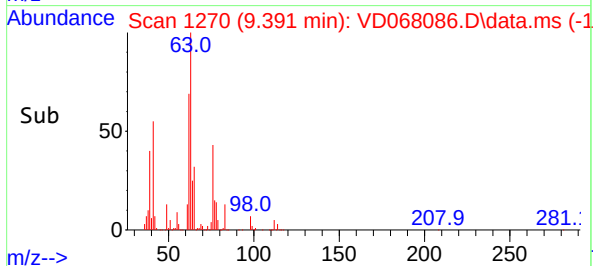
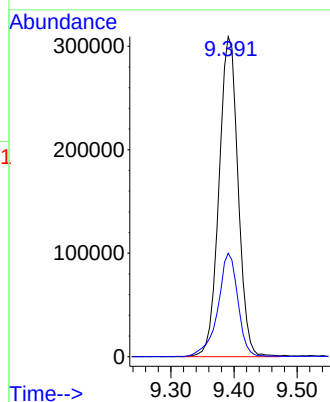
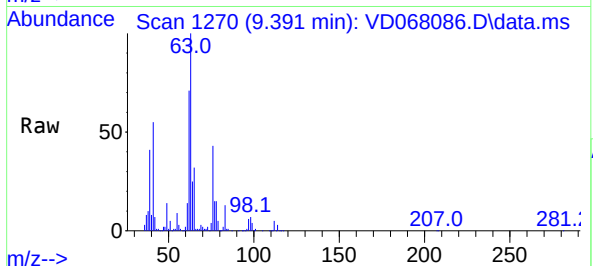
1,2-Dichloropropane
Concen: 114.66 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 63 Resp: 649291
Ion Ratio Lower Upper
63 100
65 32.3 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

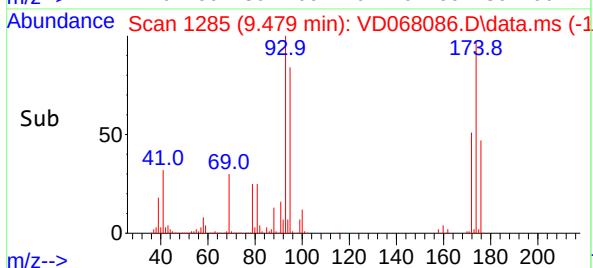
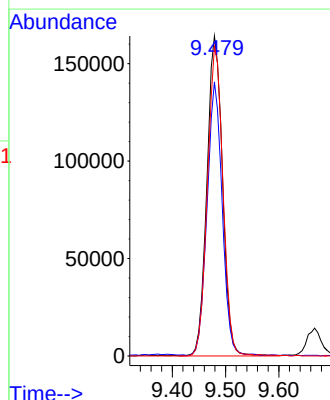
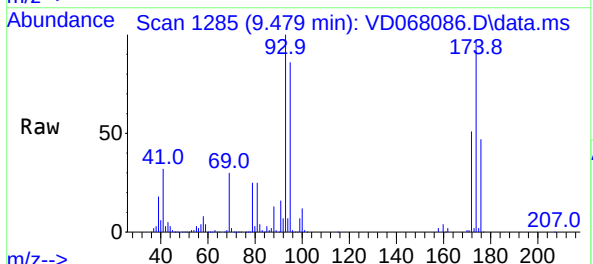
MMDadoda
1/20/2021 4:56:57 PM

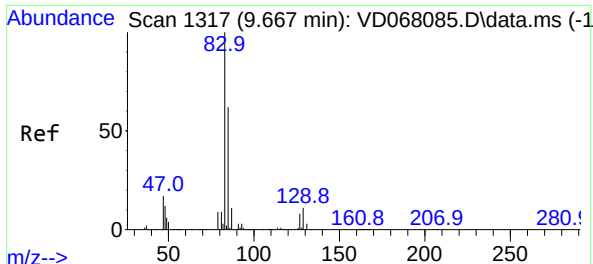


#46

Dibromomethane
Concen: 103.29 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 93 Resp: 334987
Ion Ratio Lower Upper
93 100
95 82.5 67.3 100.9
174 96.0 84.6 127.0





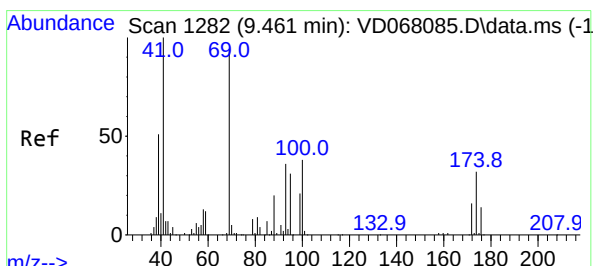
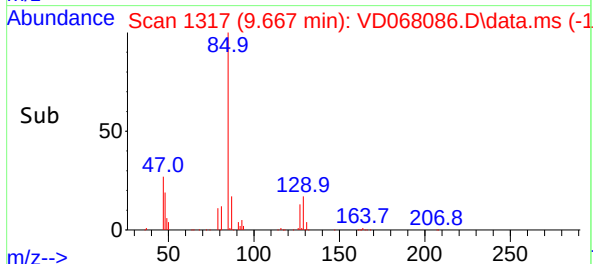
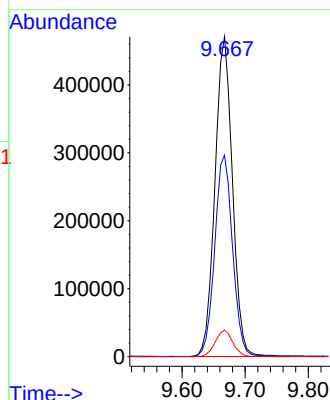
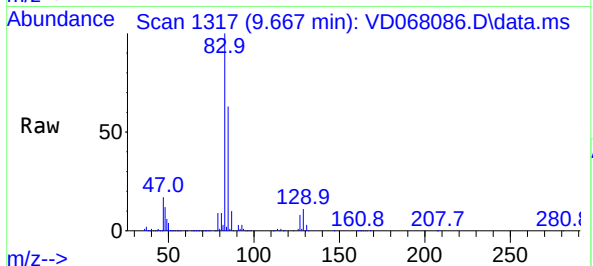
#47
Bromodichloromethane
Concen: 102.63 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 83 Resp: 903750
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4
127 8.3 7.4 11.0

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

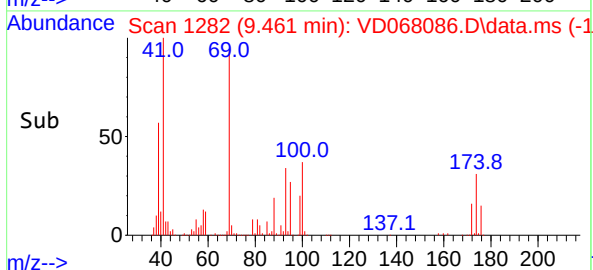
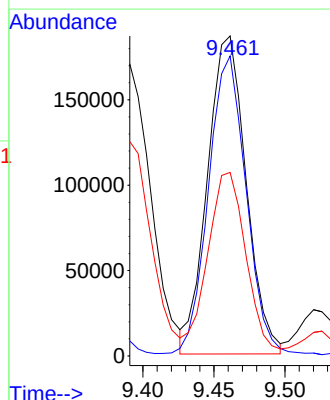
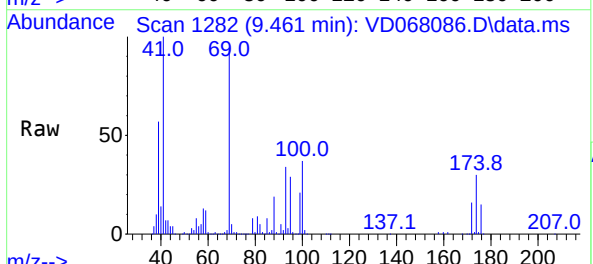
Manual Integrations
APPROVED

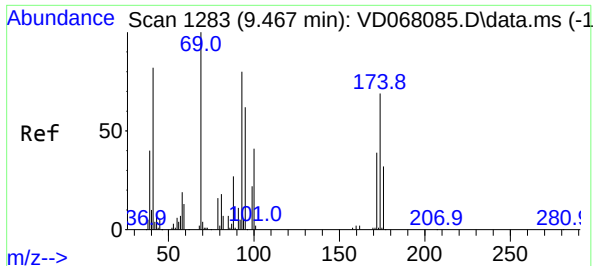
MMDadoda
1/20/2021 4:56:57 PM



#48
Methyl methacrylate
Concen: 132.06 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 41 Resp: 353274
Ion Ratio Lower Upper
41 100
69 91.9 77.1 115.7
39 52.9 41.5 62.3





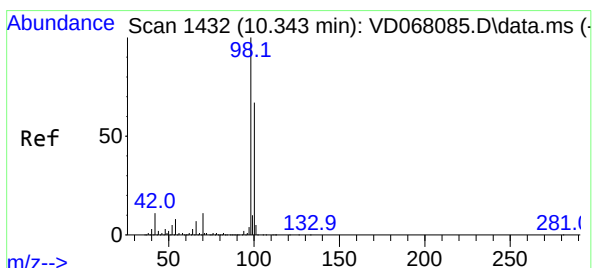
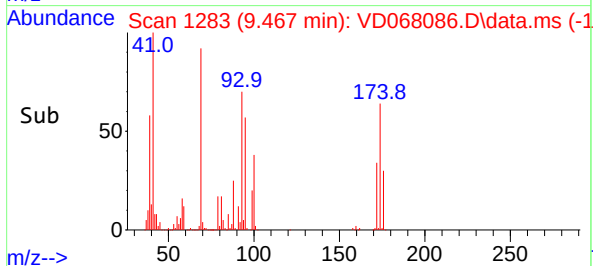
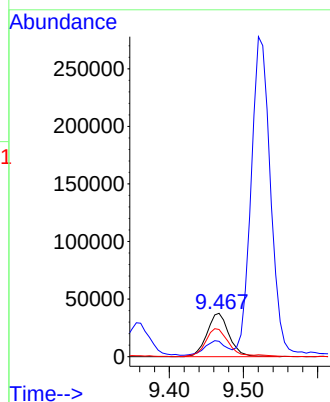
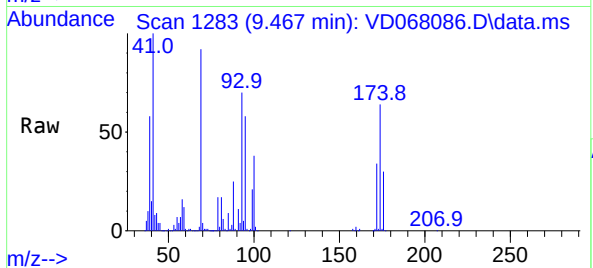
#49
1,4-Dioxane
Concen: 2232.03 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 88 Resp: 77621
Ion Ratio Lower Upper
88 100
43 31.8 22.1 33.1
58 67.0 46.7 70.1

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

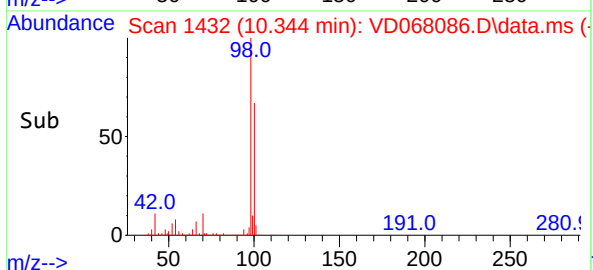
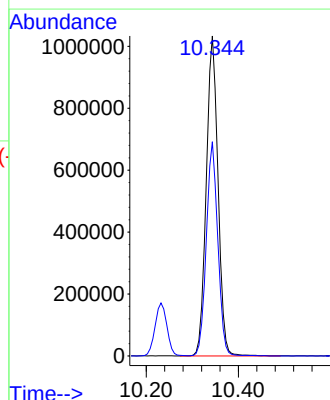
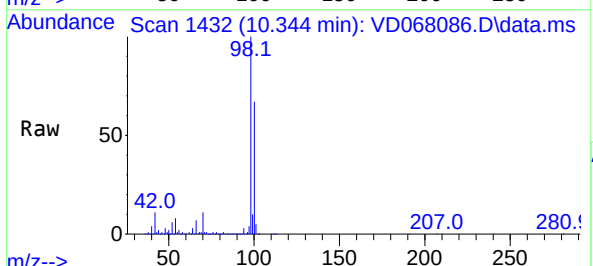
Manual Integrations
APPROVED

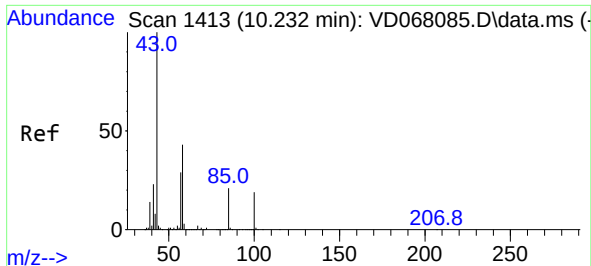
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#50
Toluene-d8
Concen: 90.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 98 Resp: 1837234
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





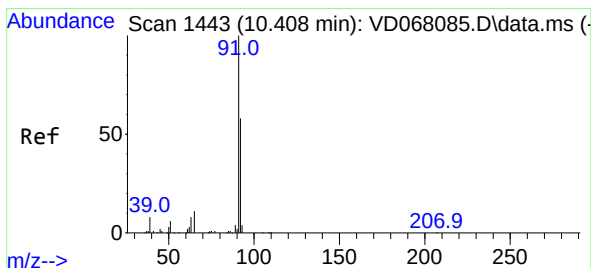
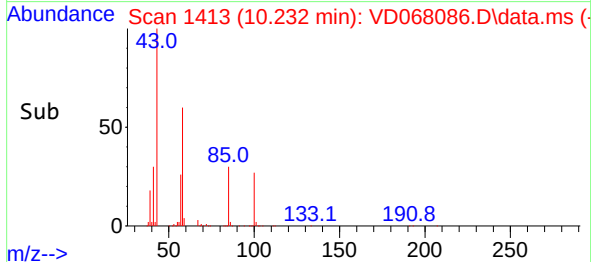
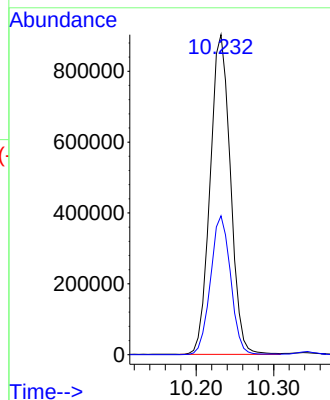
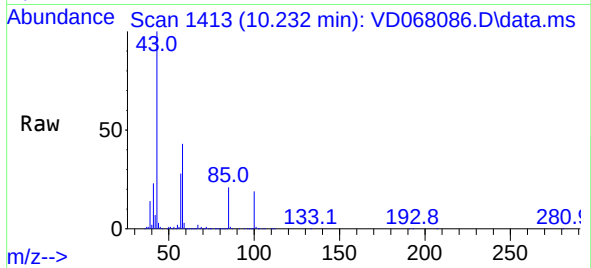
#51
4-Methyl-2-Pentanone
Concen: 639.68 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 43 Resp: 1644010
Ion Ratio Lower Upper
43 100
58 43.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

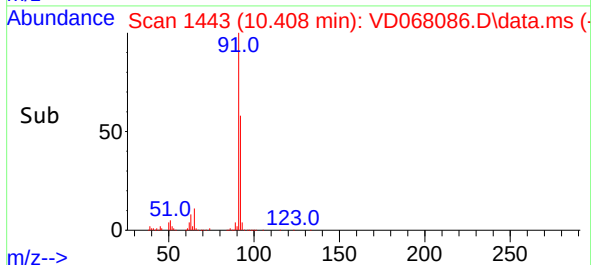
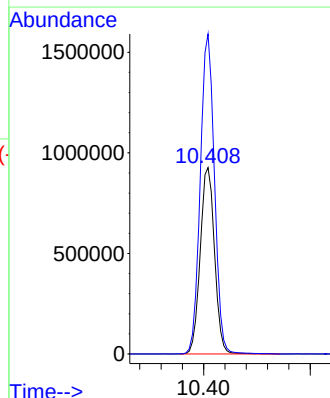
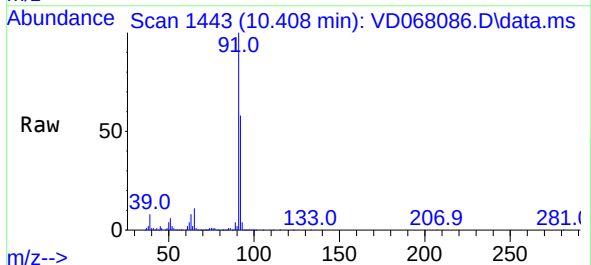
Manual Integrations
APPROVED

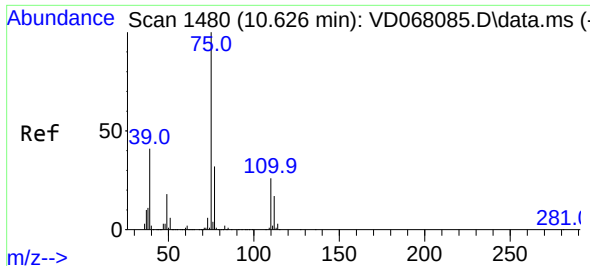
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#52
Toluene
Concen: 106.53 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 92 Resp: 1727138
Ion Ratio Lower Upper
92 100
91 170.0 134.1 201.1





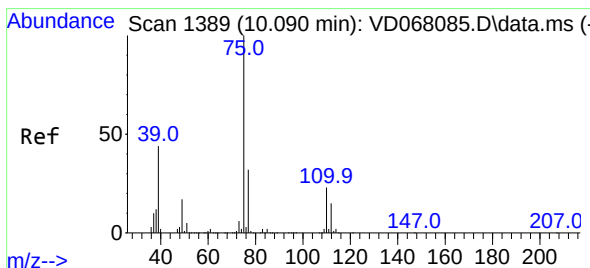
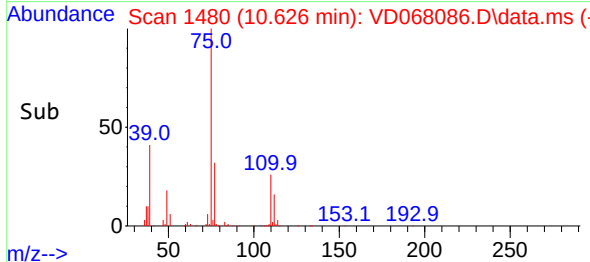
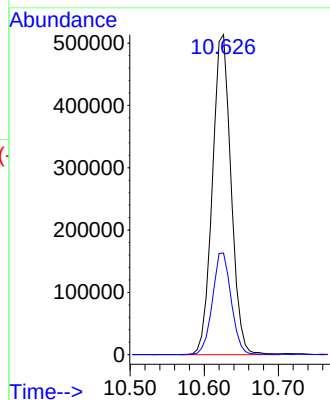
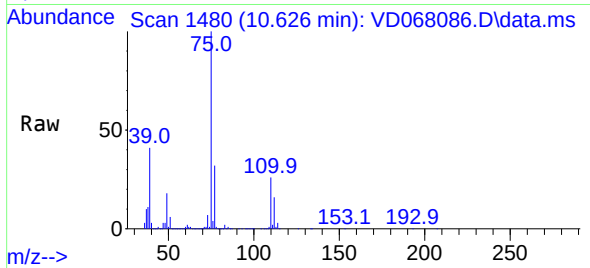
#53
t-1,3-Dichloropropene
Concen: 114.25 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 75 Resp: 898398
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

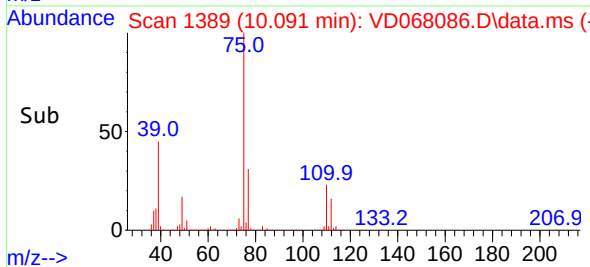
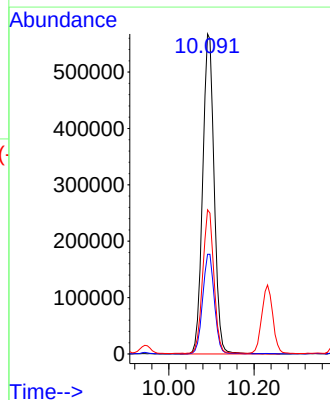
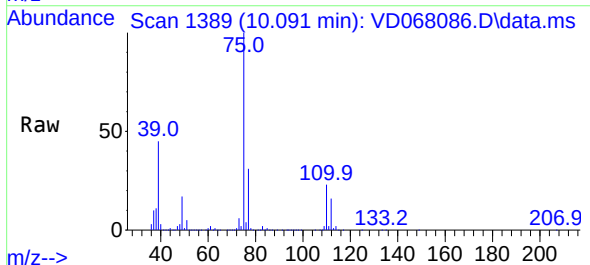
Manual Integrations
APPROVED

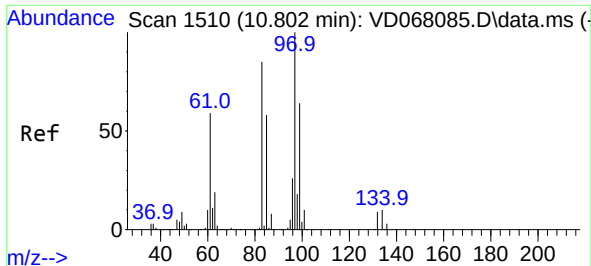
MMDadoda
1/20/2021 4:56:57 PM



#54
cis-1,3-Dichloropropene
Concen: 113.06 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

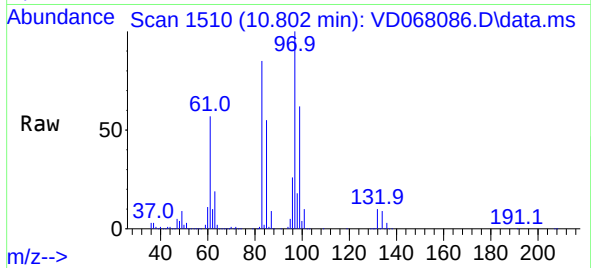
Tgt Ion: 75 Resp: 1060262
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 44.8 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 103.28 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

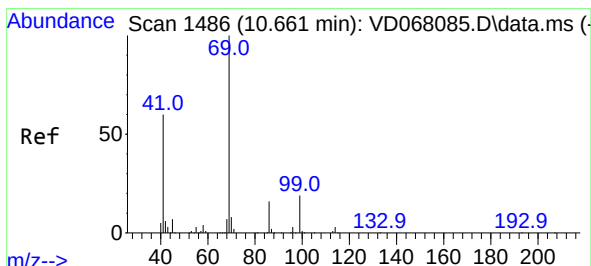
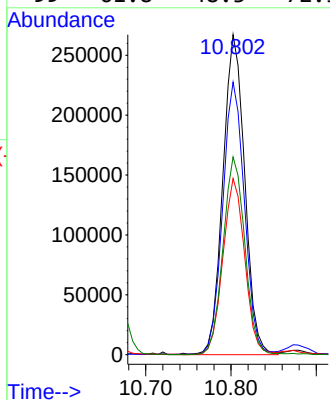
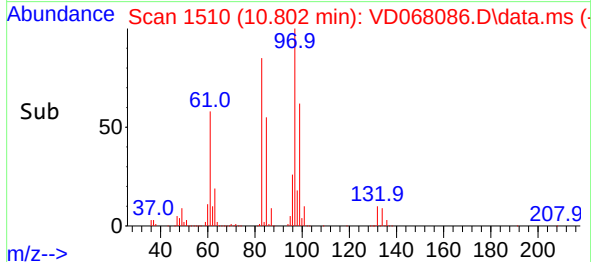
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



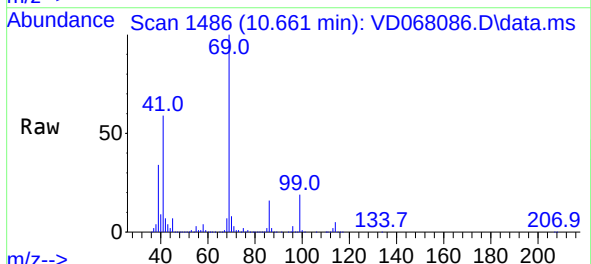
Tgt Ion:	97	Resp:	475583
Ion	Ratio	Lower	Upper
97	100		
83	85.0	61.8	92.6
85	54.9	42.2	63.2
99	61.8	48.3	72.5

Manual Integrations
APPROVED

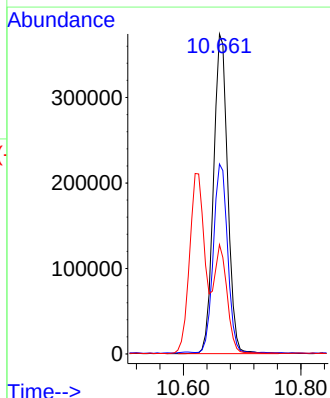
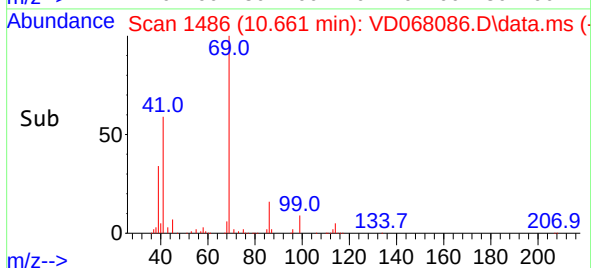
MMDadoda
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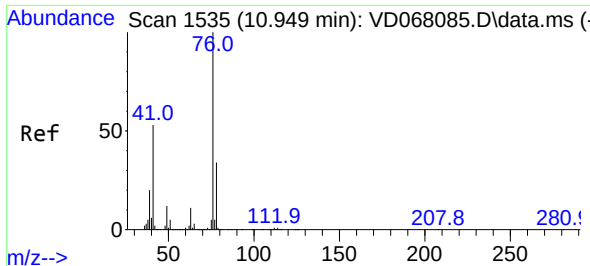


#56
Ethyl methacrylate
Concen: 127.20 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion:	69	Resp:	624873
Ion	Ratio	Lower	Upper
69	100		
41	59.7	44.9	67.3
39	27.7	21.9	32.9





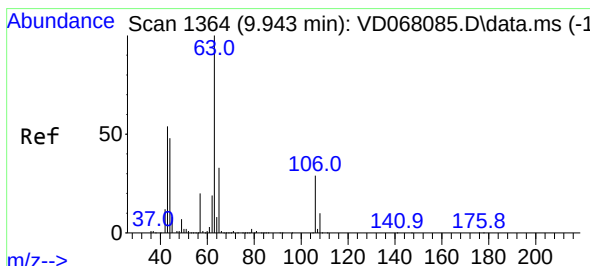
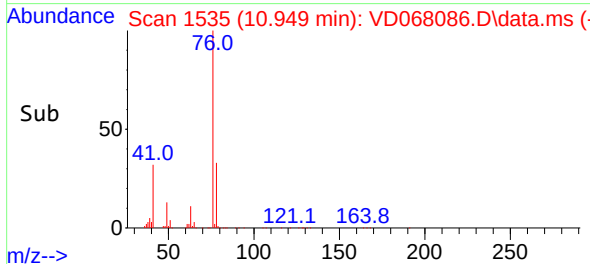
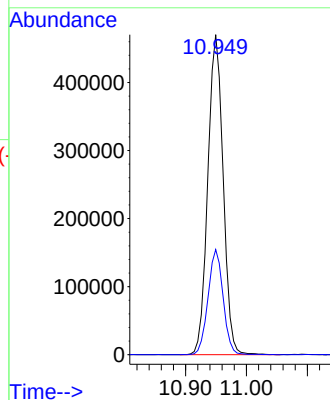
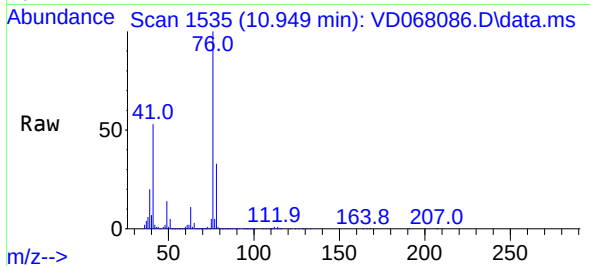
#57
1,3-Dichloropropane
Concen: 110.46 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 76 Resp: 821908
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

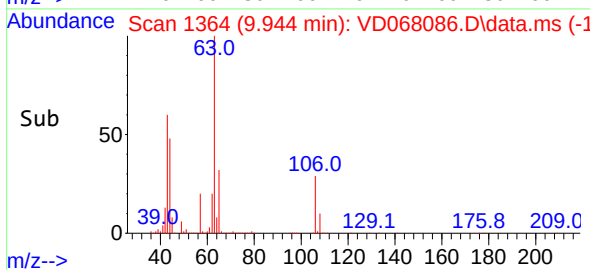
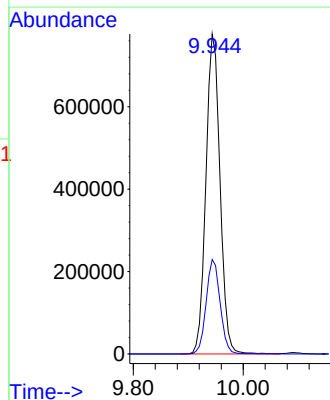
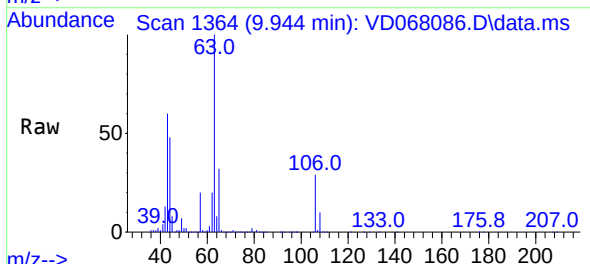
Manual Integrations
APPROVED

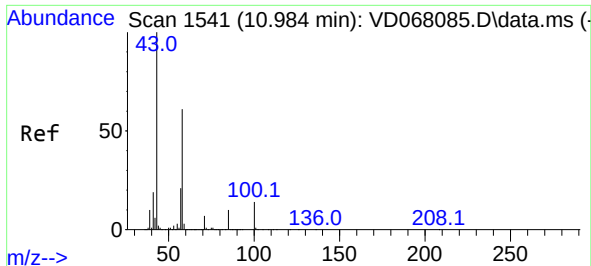
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 575.06 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 63 Resp: 1381046
Ion Ratio Lower Upper
63 100
106 29.4 27.0 40.4





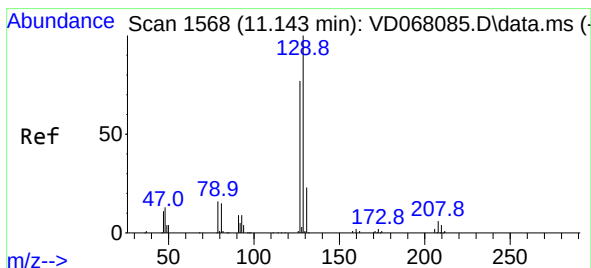
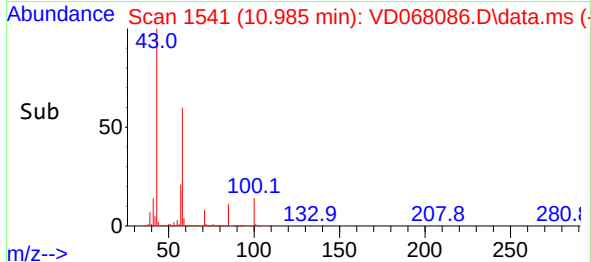
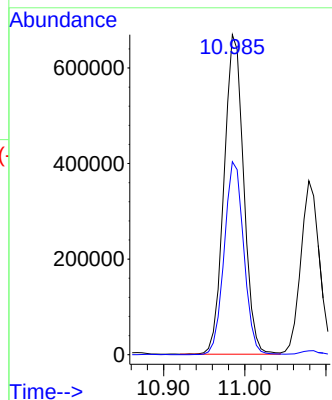
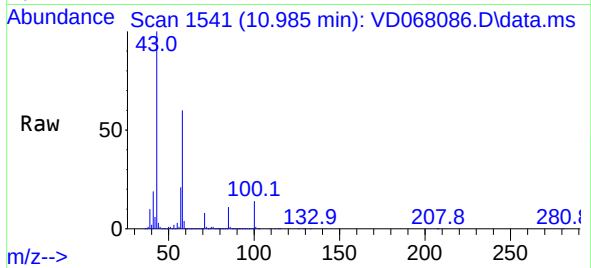
#59
2-Hexanone
Concen: 631.71 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 43 Resp: 1124251
Ion Ratio Lower Upper
43 100
58 60.2 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

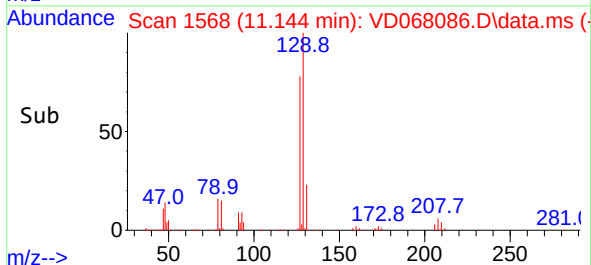
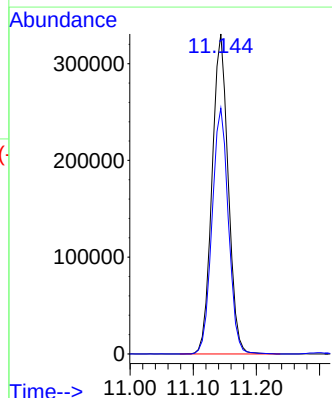
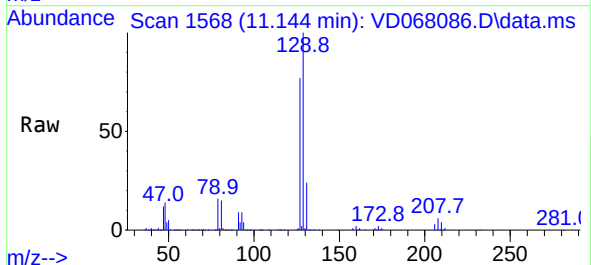
Manual Integrations
APPROVED

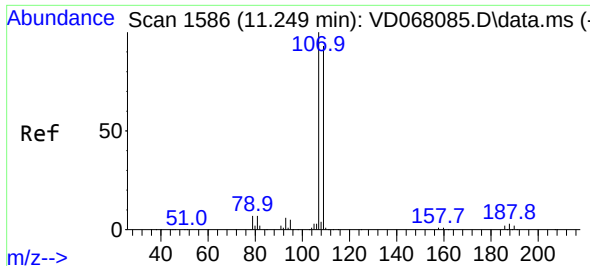
MMDadoda
1/20/2021 4:56:57 PM



#60
Dibromochloromethane
Concen: 94.52 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

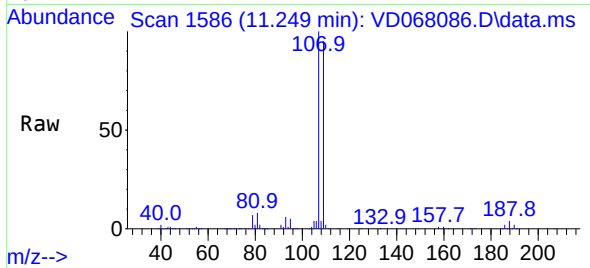
Tgt Ion: 129 Resp: 587407
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 104.89 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

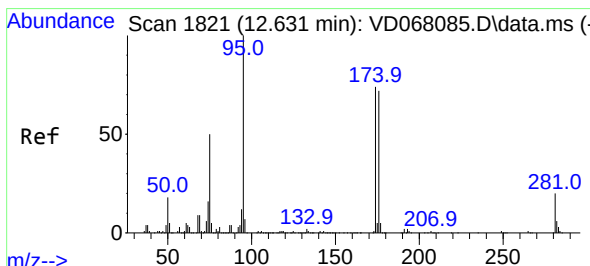
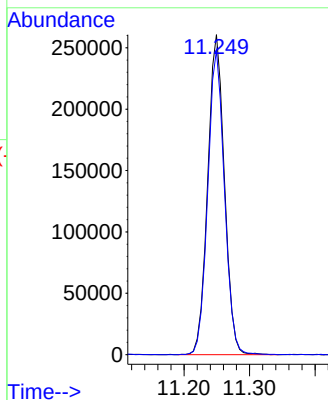
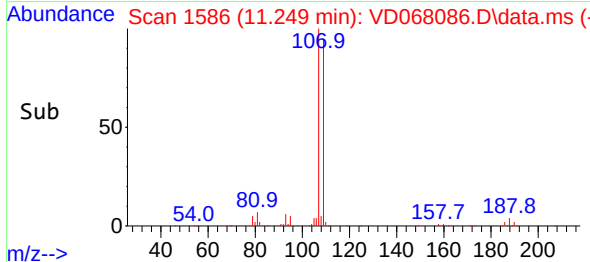
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



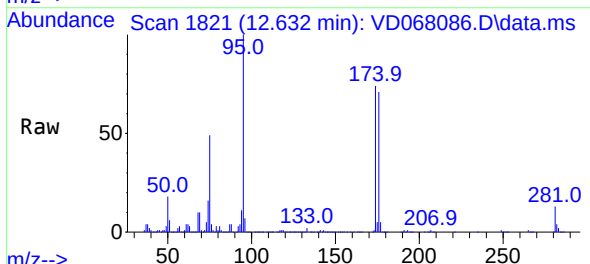
Tgt Ion:107 Resp: 461332
Ion Ratio Lower Upper
107 100
109 94.9 74.8 112.2

Manual Integrations
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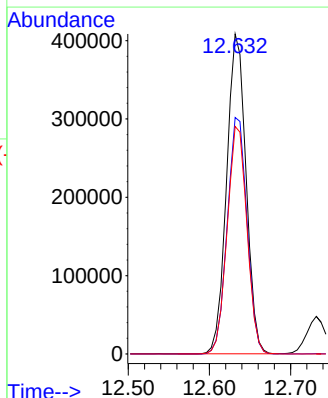
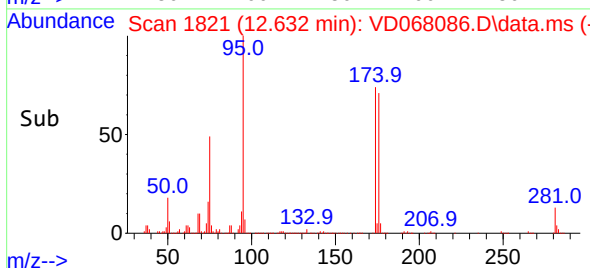
MMDadoda
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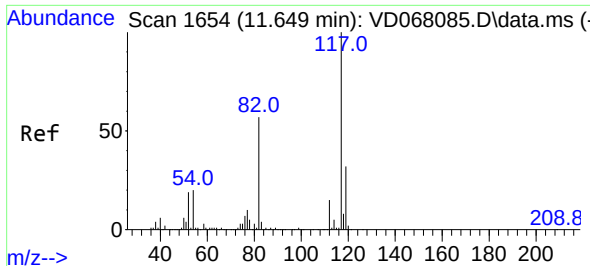


#62
4-Bromofluorobenzene
Concen: 94.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



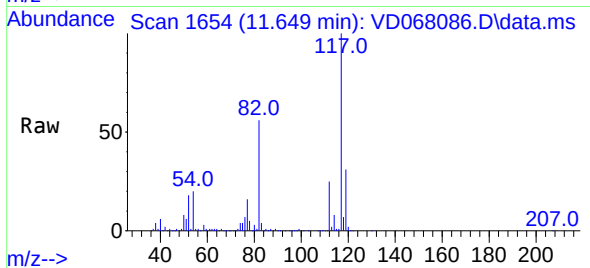
Tgt Ion: 95 Resp: 677226
Ion Ratio Lower Upper
95 100
174 75.3 0.0 172.4
176 72.4 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

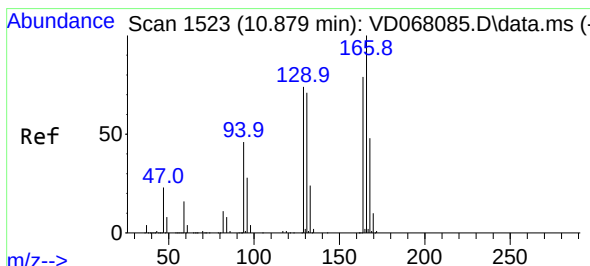
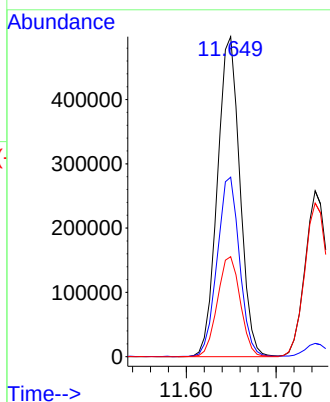
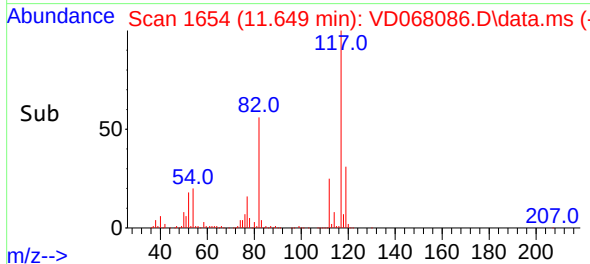
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



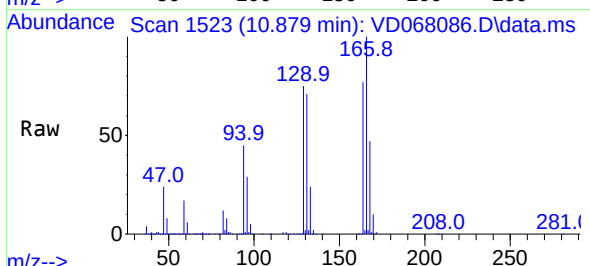
Tgt Ion:117 Resp: 865587
Ion Ratio Lower Upper
117 100
82 56.1 41.4 62.0
119 31.2 26.1 39.1

Manual Integrations
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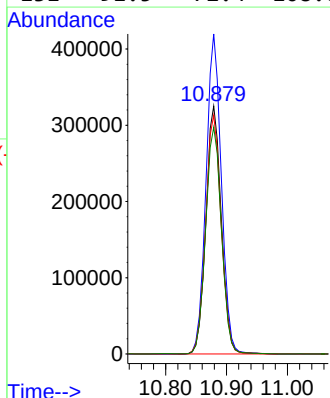
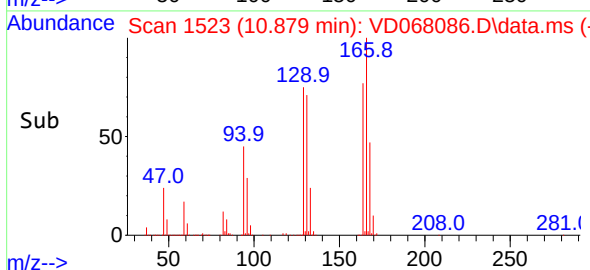
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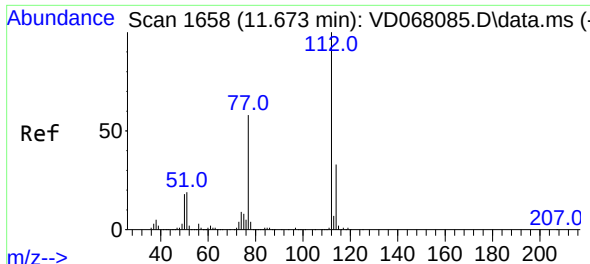


#64
Tetrachloroethene
Concen: 92.60 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



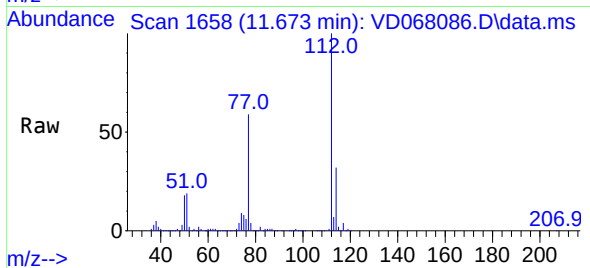
Tgt Ion:164 Resp: 571319
Ion Ratio Lower Upper
164 100
166 129.1 105.5 158.3
129 96.3 75.6 113.4
131 91.5 72.4 108.6





#65
Chlorobenzene
Concen: 102.87 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

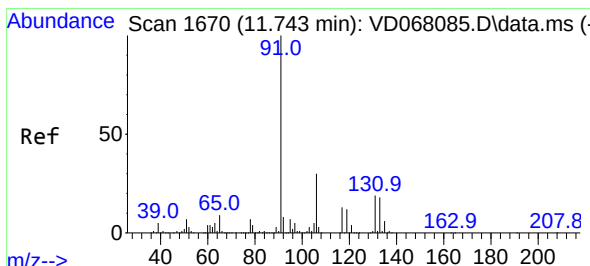
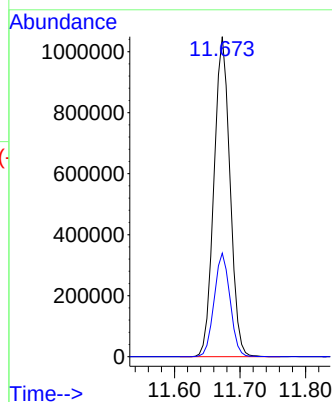
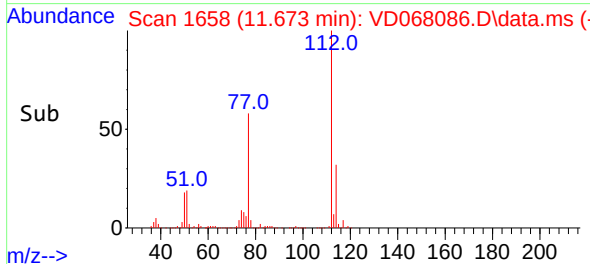
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



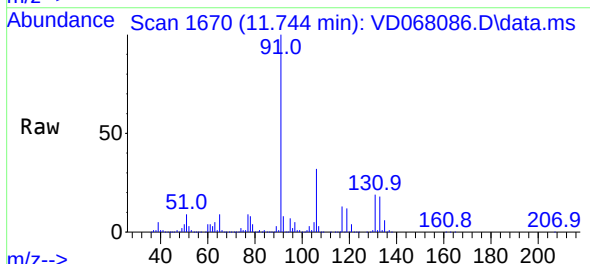
Tgt Ion:112 Resp: 1779007
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
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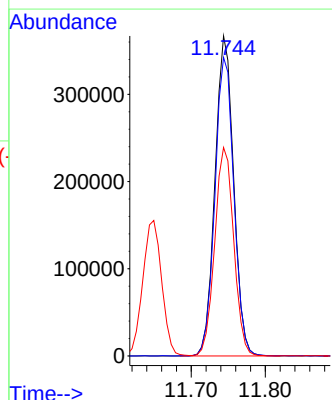
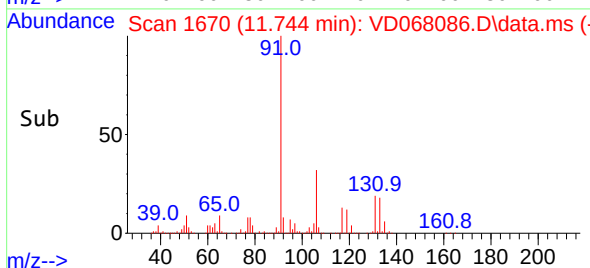
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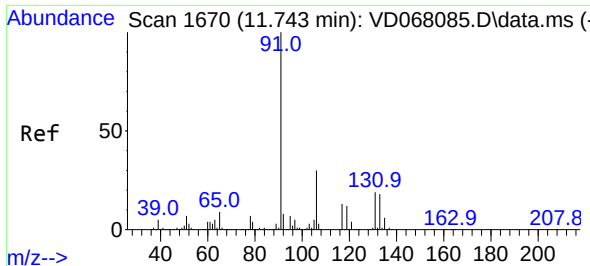


#66
1,1,1,2-Tetrachloroethane
Concen: 98.33 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



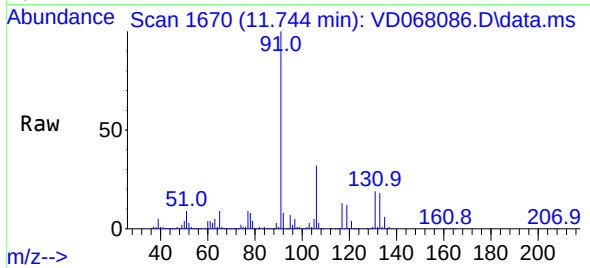
Tgt Ion:131 Resp: 639769
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 66.5 31.6 94.8





#67
Ethyl Benzene
Concen: 110.02 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

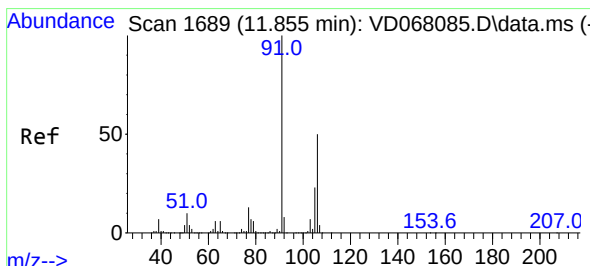
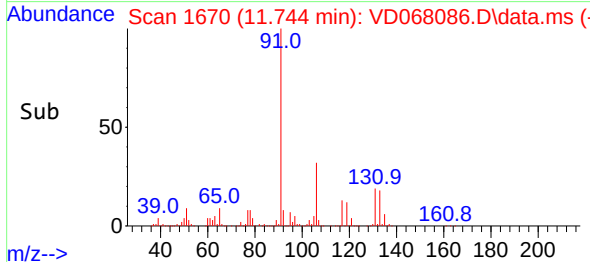
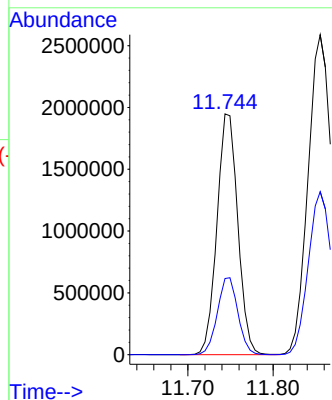
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



Tgt Ion: 91 Resp: 3315811
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

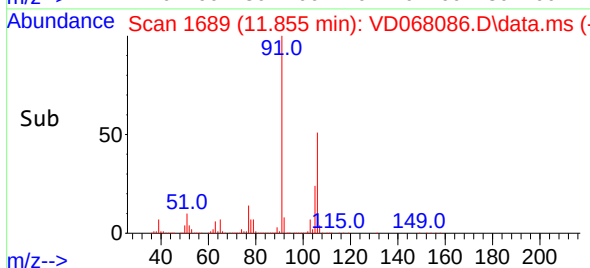
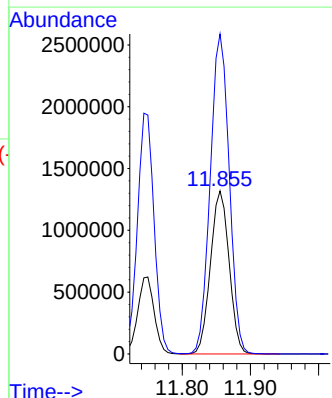
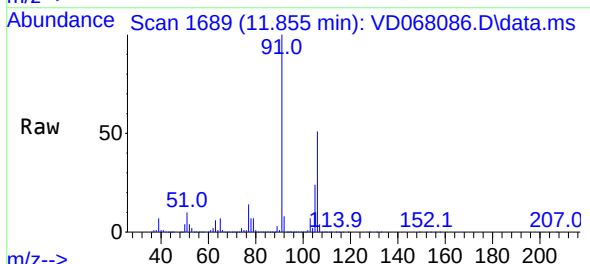
Manual Integrations
APPROVED

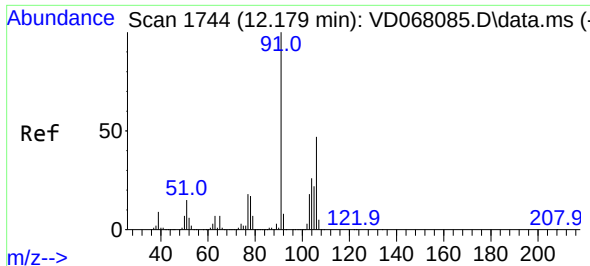
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#68
m/p-Xylenes
Concen: 214.46 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

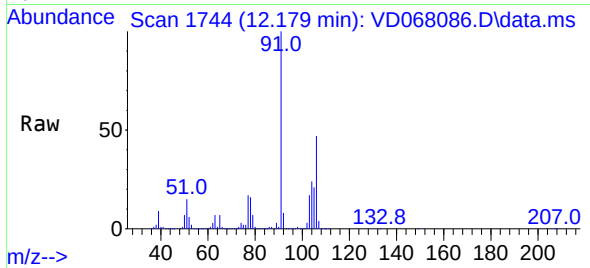
Tgt Ion:106 Resp: 2508695
Ion Ratio Lower Upper
106 100
91 199.5 159.1 238.7





#69
o-Xylene
Concen: 109.41 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

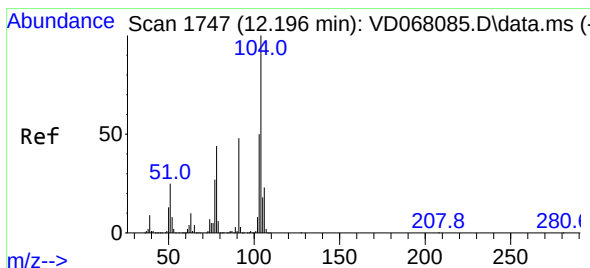
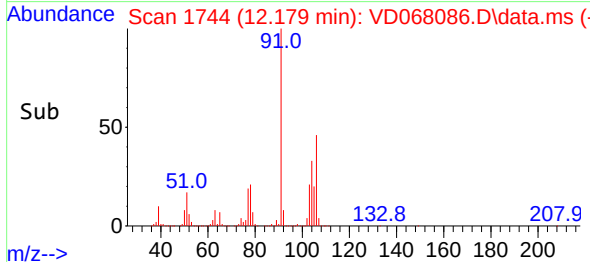
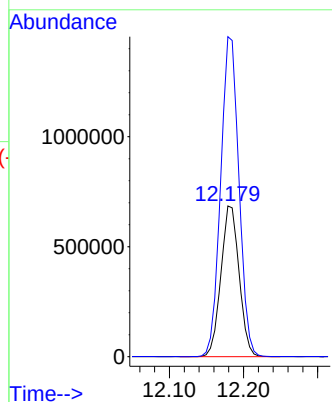
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



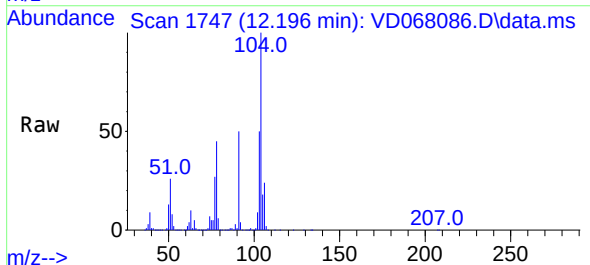
Tgt Ion:106 Resp: 1167552
Ion Ratio Lower Upper
106 100
91 213.4 108.7 325.9

Manual Integrations
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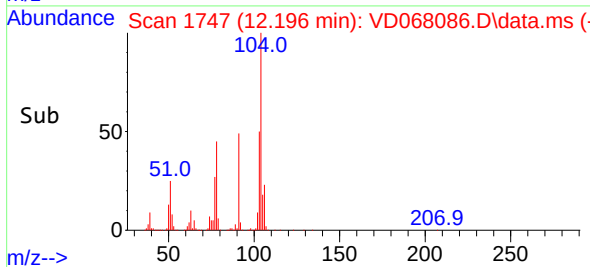
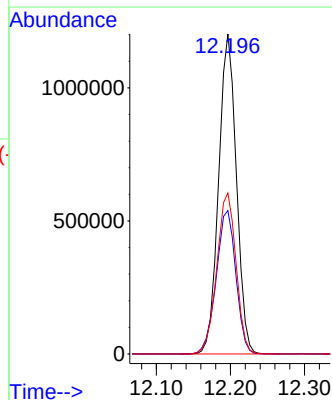
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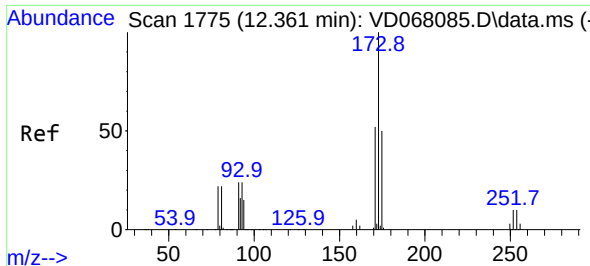


#70
Styrene
Concen: 109.03 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion:104 Resp: 2000418
Ion Ratio Lower Upper
104 100
78 49.5 38.2 57.2
103 54.5 43.1 64.7





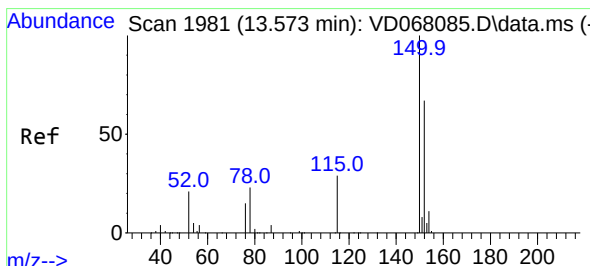
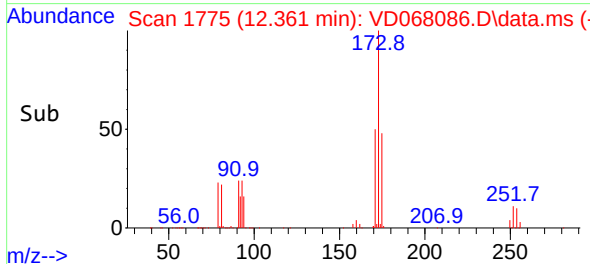
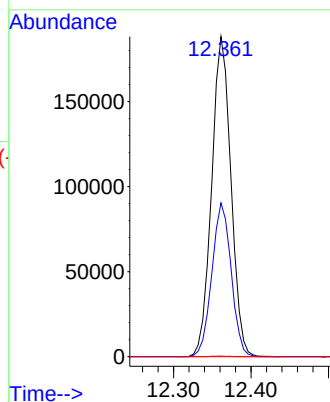
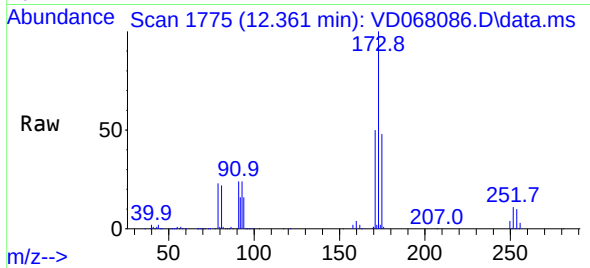
#71
Bromoform
Concen: 94.57 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:173 Resp: 325409
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.2 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

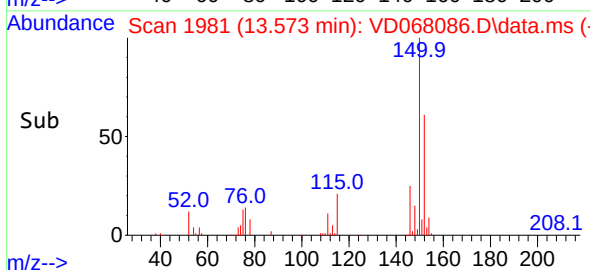
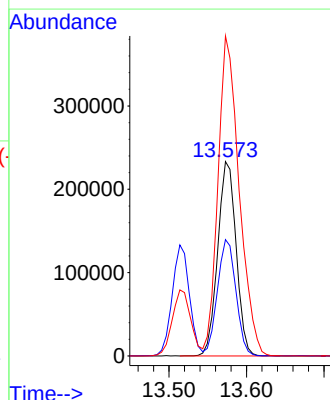
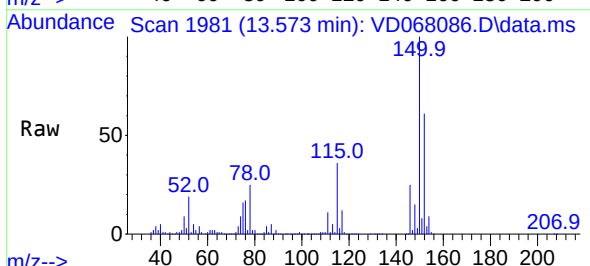
Manual Integrations
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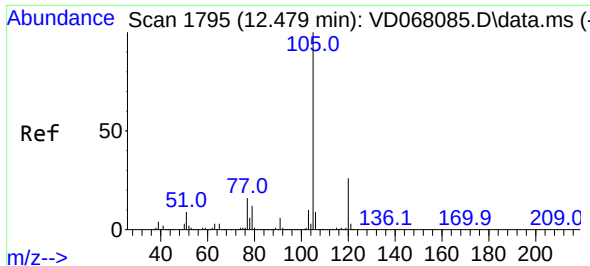
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

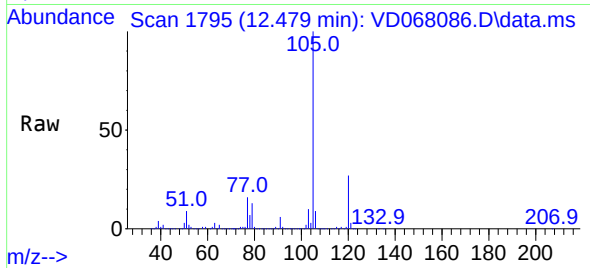
Tgt Ion:152 Resp: 386819
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 189.0 0.0 344.4





#73
Isopropylbenzene
Concen: 115.48 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

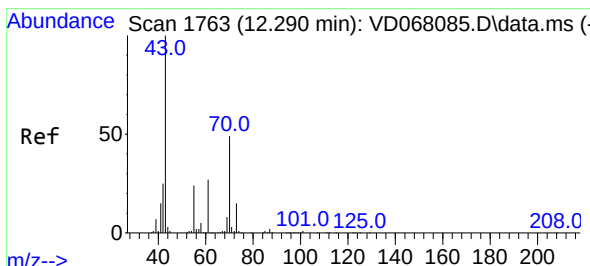
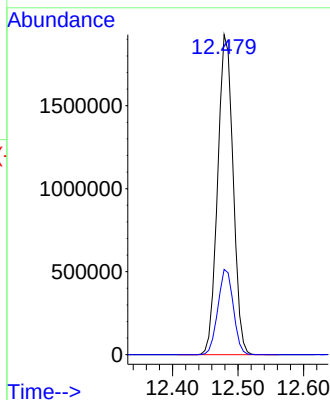
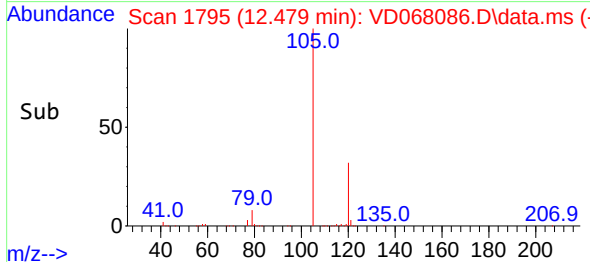
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



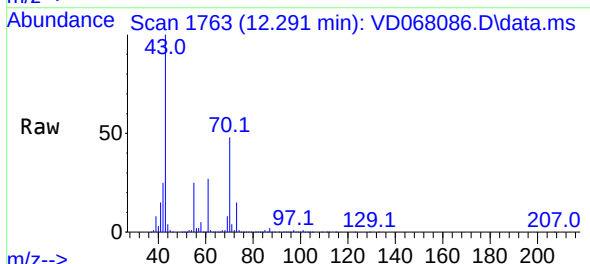
Tgt Ion:105 Resp: 3137525
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

Manual Integrations
APPROVED

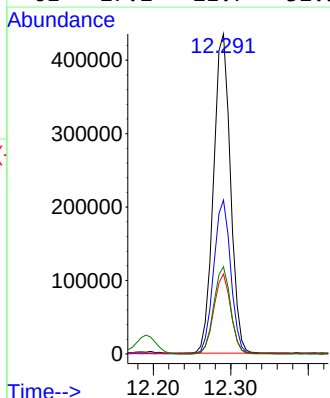
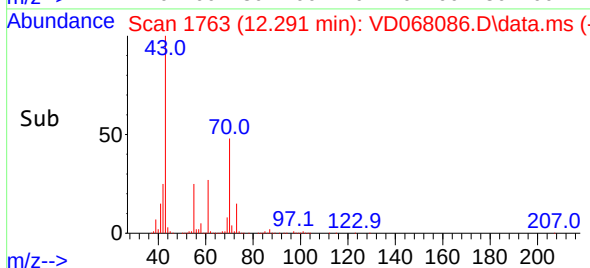
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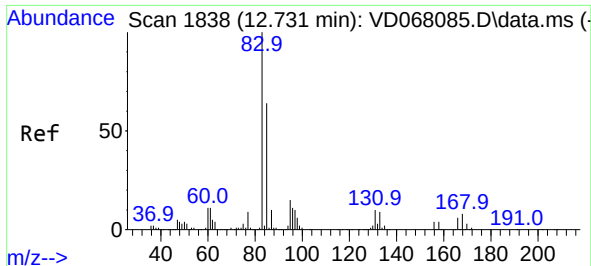


#74
N-ethyl acetate
Concen: 146.07 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion: 43 Resp: 658535
Ion Ratio Lower Upper
43 100
70 48.7 41.8 62.8
55 24.7 24.2 36.4
61 27.2 21.7 32.5





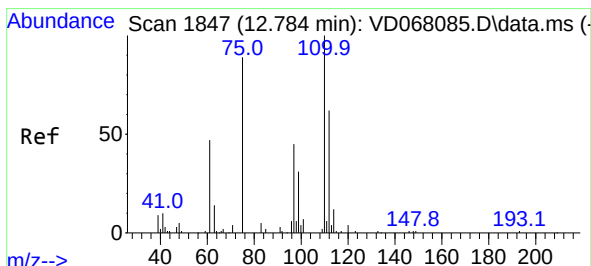
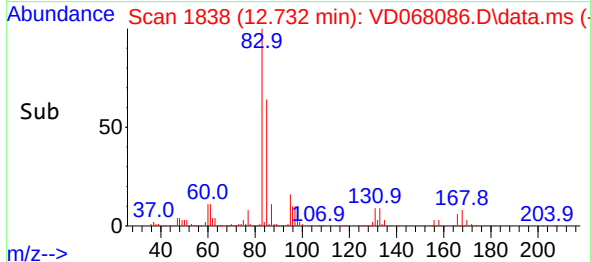
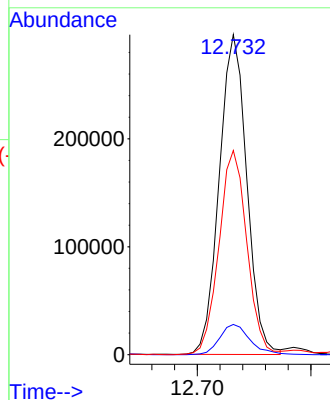
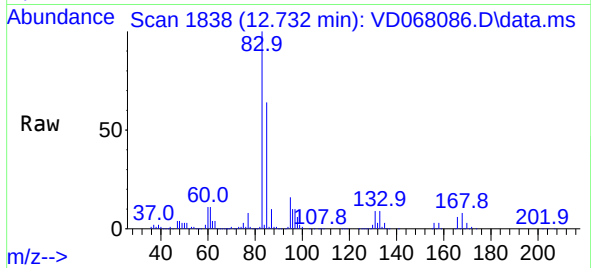
#75
1,1,2,2-Tetrachloroethane
Concen: 115.66 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 83 Resp: 499724
Ion Ratio Lower Upper
83 100
131 10.4 5.8 17.4
85 64.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

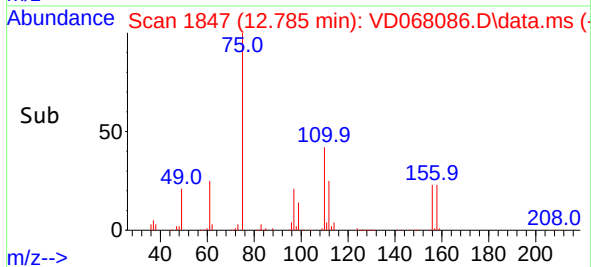
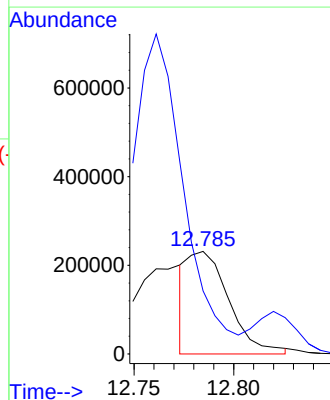
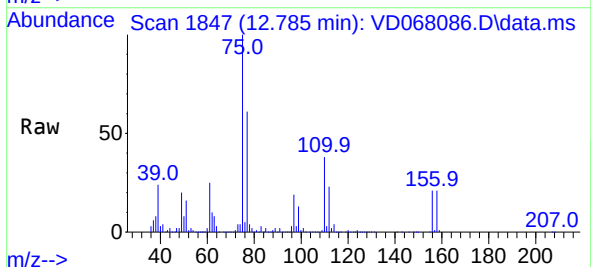
Manual Integrations
APPROVED

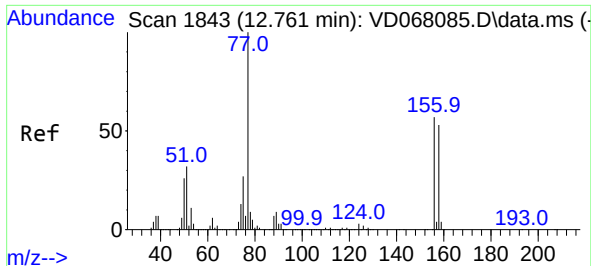
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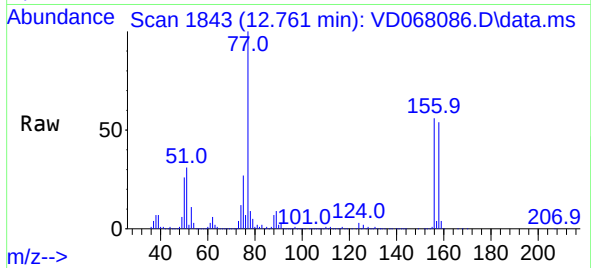
#76
1,2,3-Trichloropropane
Concen: 108.99 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 75 Resp: 332780
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

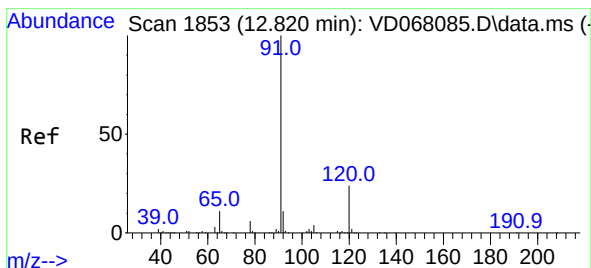
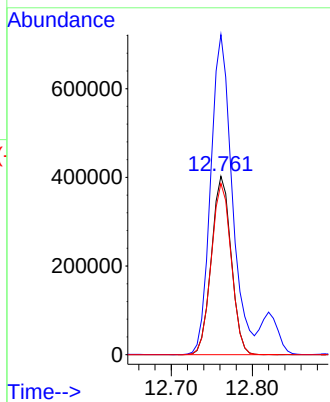
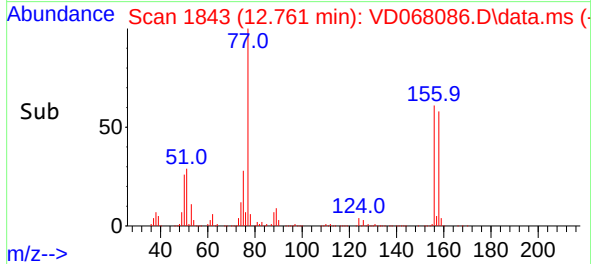




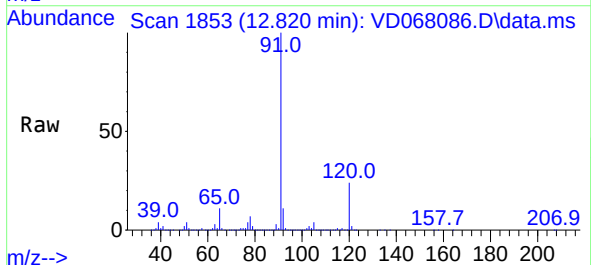
#77
Bromobenzene
Concen: 105.34 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



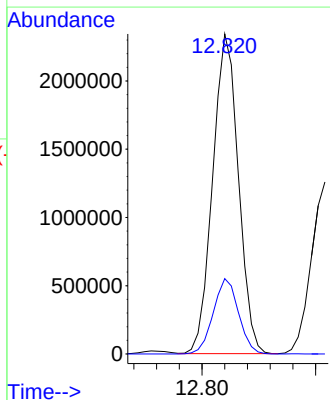
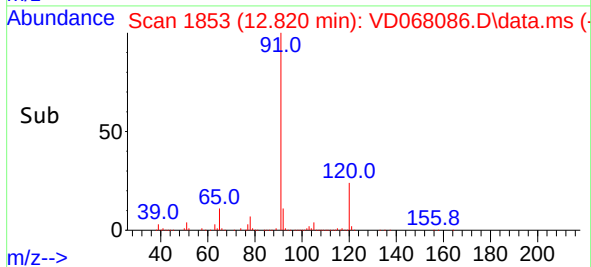
Tgt Ion:156 Resp: 680334
Ion Ratio Lower Upper
156 100
77 194.6 82.8 248.3
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 115.33 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



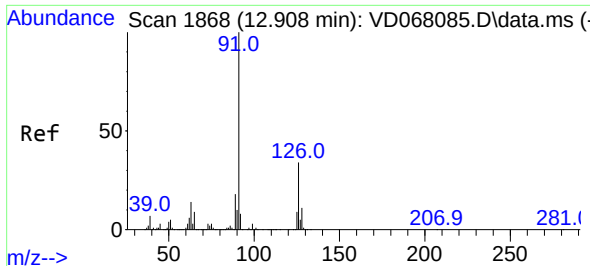
Tgt Ion: 91 Resp: 3684856
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.0



Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

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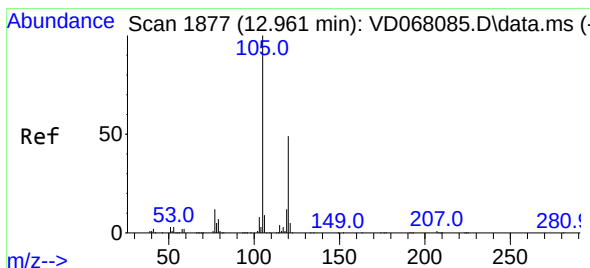
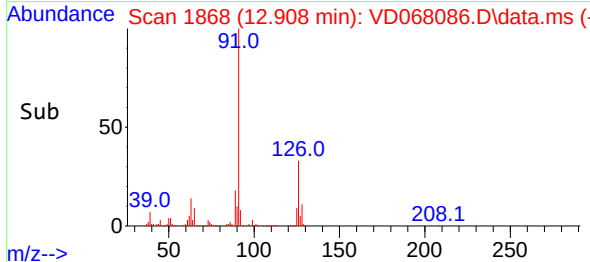
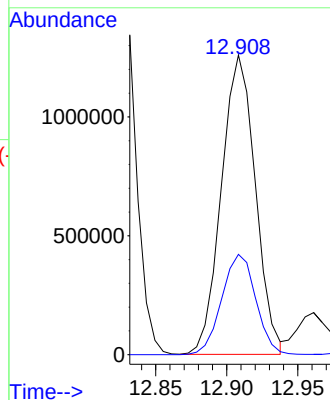
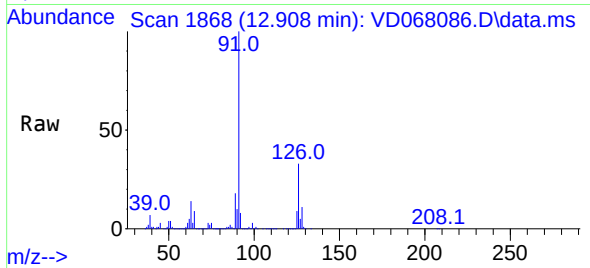
#79
2-Chlorotoluene
Concen: 115.38 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion: 91 Resp: 2093508
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.5

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

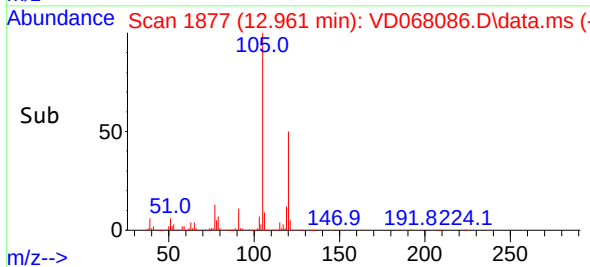
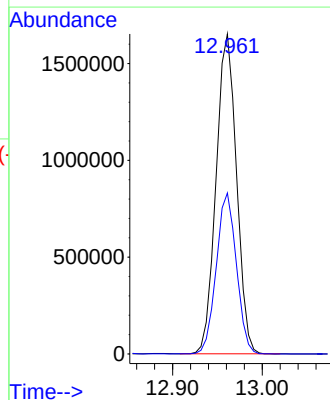
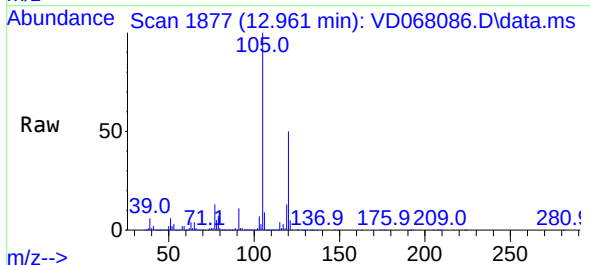
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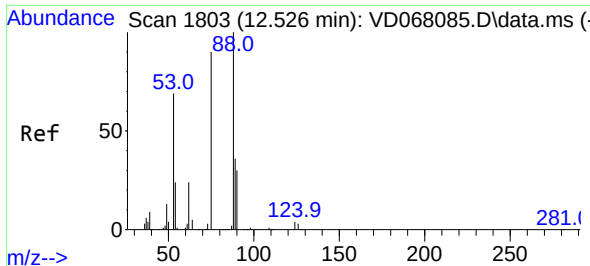
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#80
1,3,5-Trimethylbenzene
Concen: 112.53 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

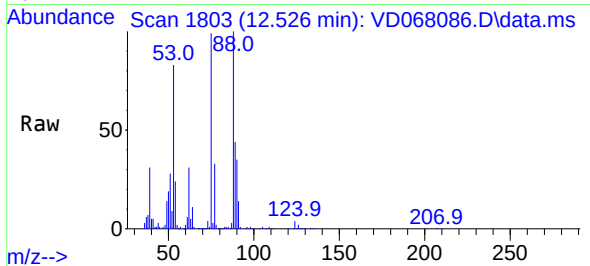
Tgt Ion: 105 Resp: 2612230
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 125.45 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

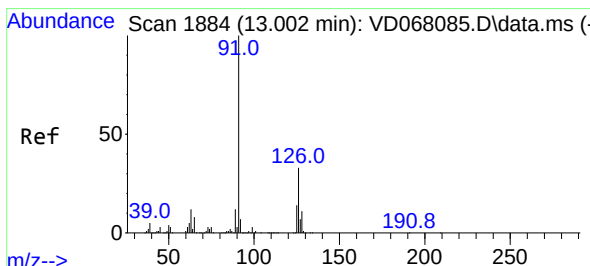
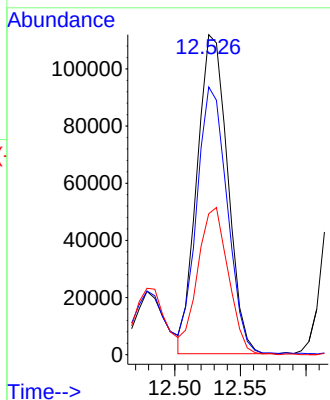
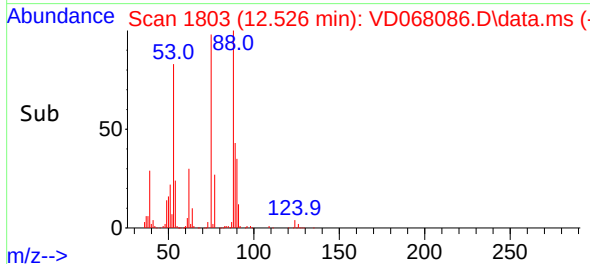
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



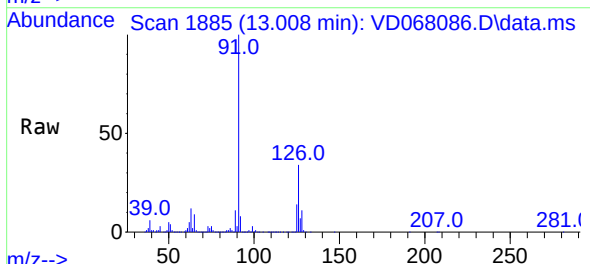
Tgt Ion: 75 Resp: 181395
Ion Ratio Lower Upper
75 100
53 83.2 70.2 105.2
89 46.3 40.3 60.5

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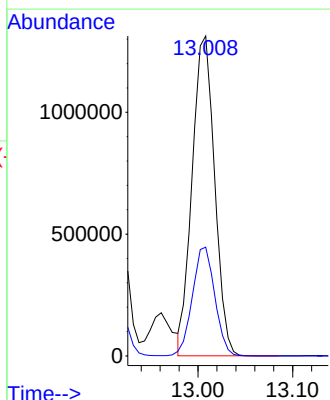
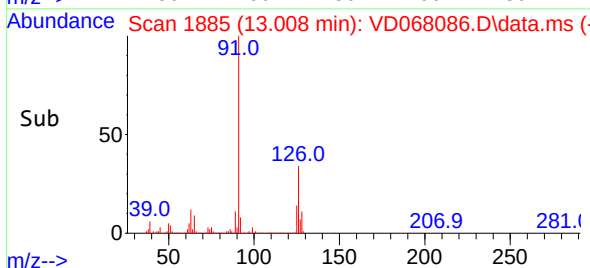
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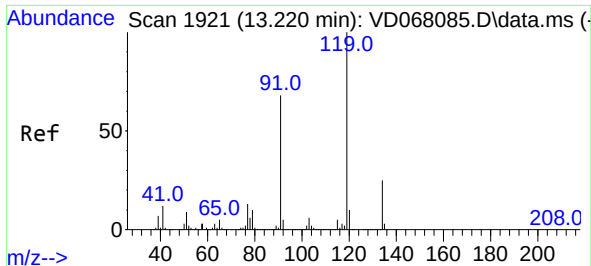


#82
4-Chlorotoluene
Concen: 112.35 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



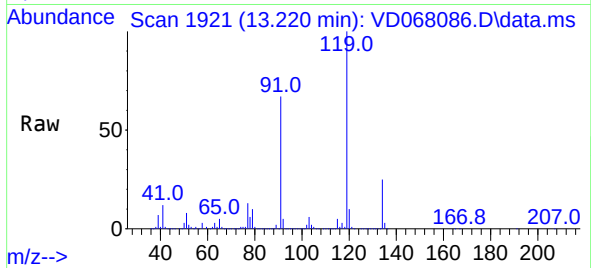
Tgt Ion: 91 Resp: 2163237
Ion Ratio Lower Upper
91 100
126 34.1 17.7 53.1





#83
tert-Butylbenzene
Concen: 113.86 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

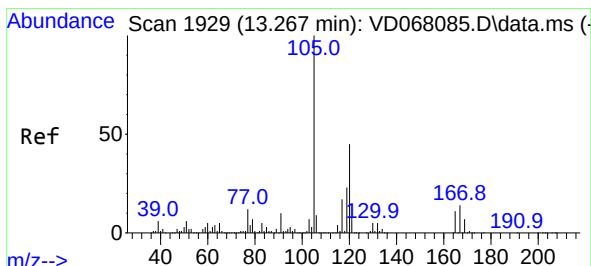
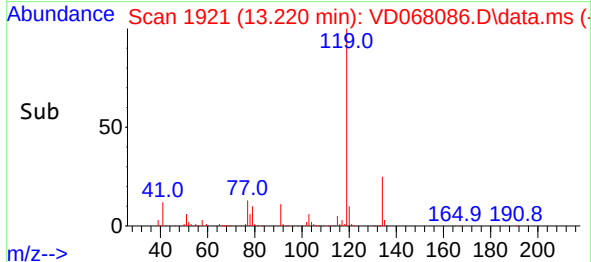
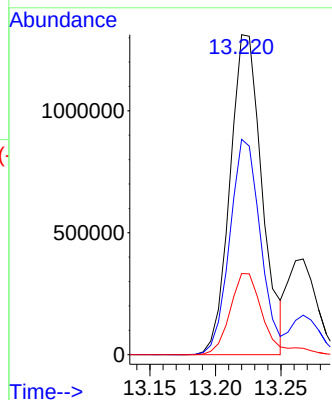
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



Tgt Ion:119 Resp: 2229667
Ion Ratio Lower Upper
119 100
91 64.5 31.1 93.5
134 26.4 13.3 39.8

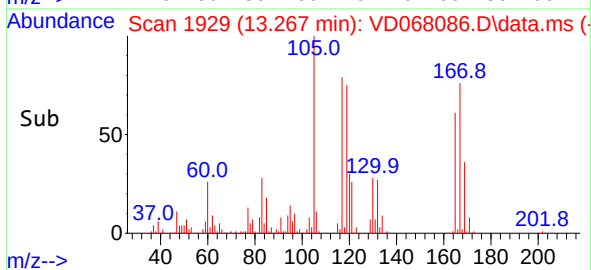
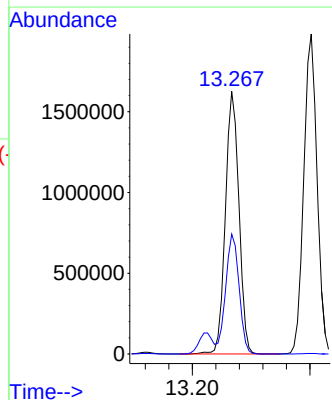
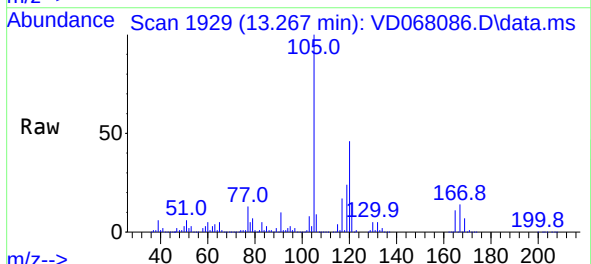
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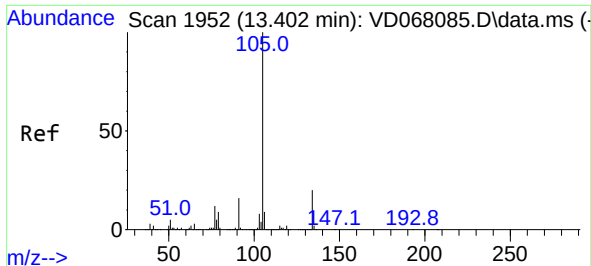
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#84
1,2,4-Trimethylbenzene
Concen: 114.11 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:105 Resp: 2596717
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.0





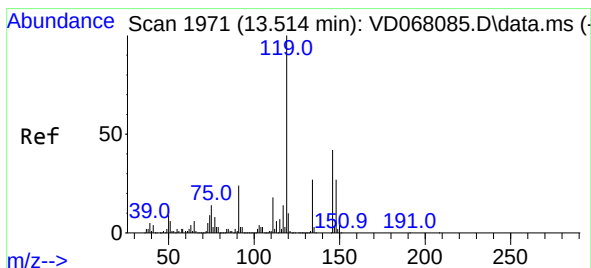
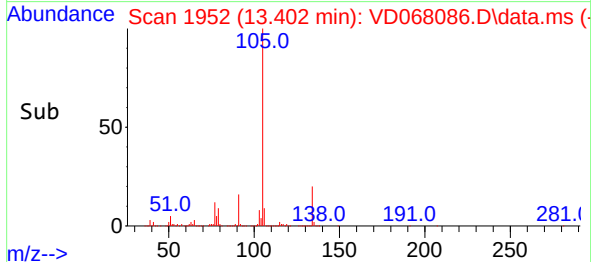
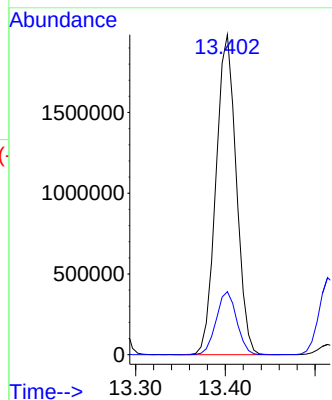
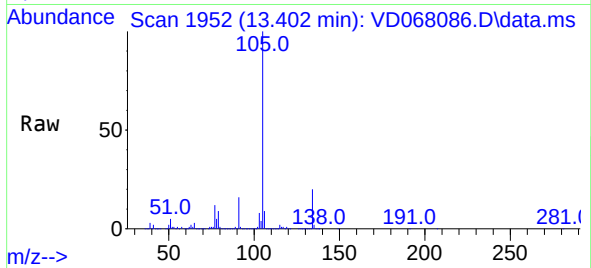
#85
 sec-Butylbenzene
 Concen: 113.43 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068086.D
 Acq: 19 Jan 2021 12:28

Tgt Ion:105 Resp: 3111947
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

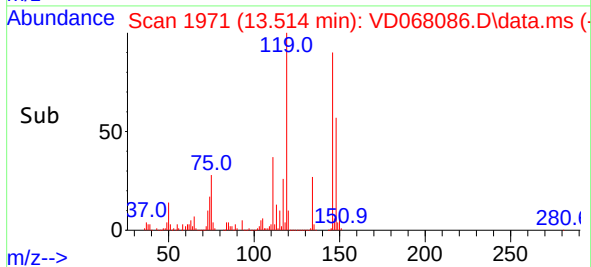
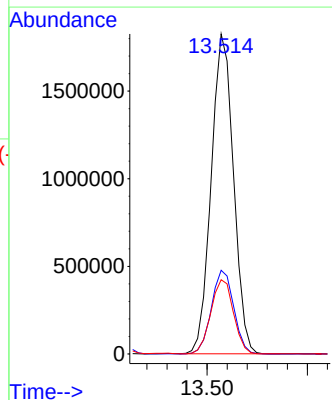
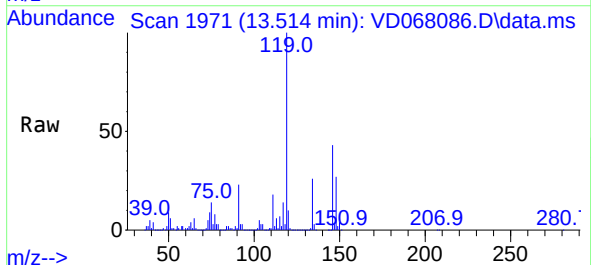
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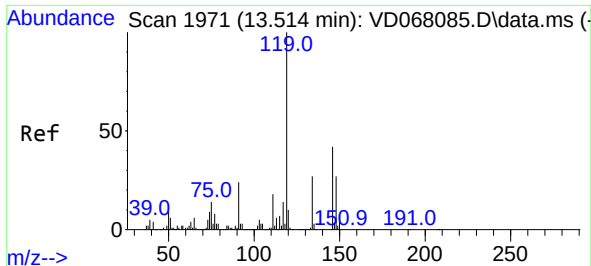
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#86
 p-Isopropyltoluene
 Concen: 111.06 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068086.D
 Acq: 19 Jan 2021 12:28

Tgt Ion:119 Resp: 2818459
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.6 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 103.95 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

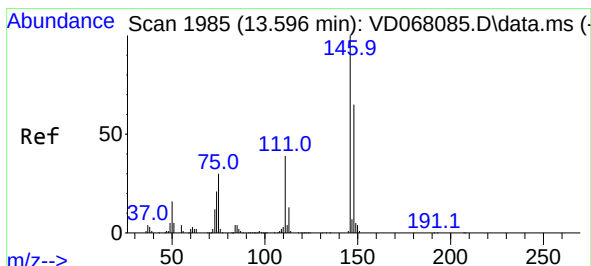
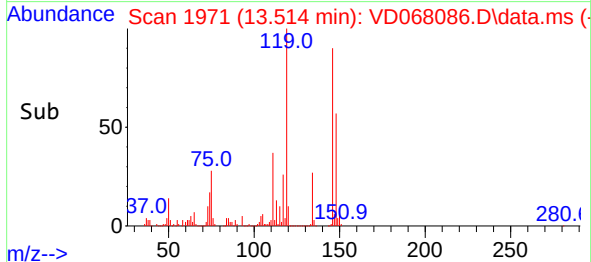
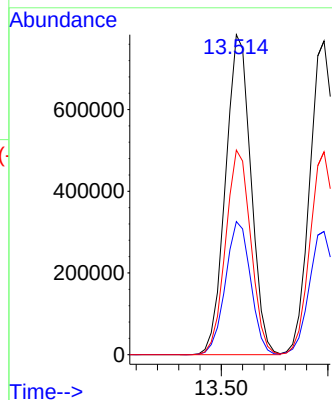
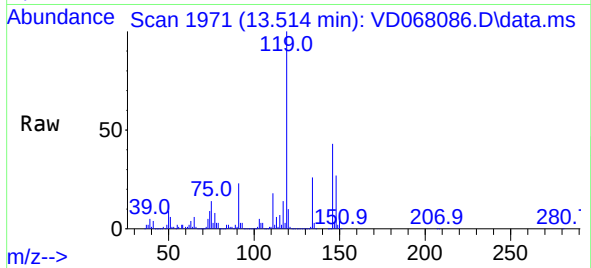
Tgt Ion:146 Resp: 1295342

Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.5	58.5
148	63.5	31.6	95.0

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

Manual Integrations
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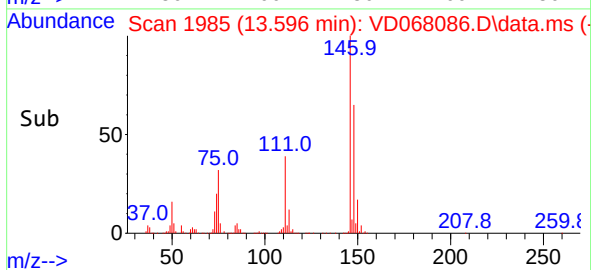
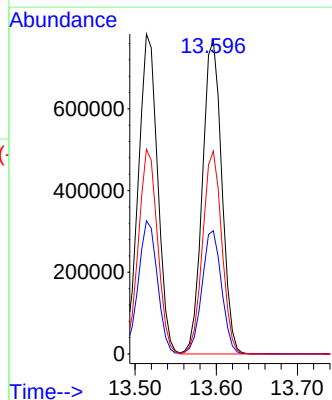
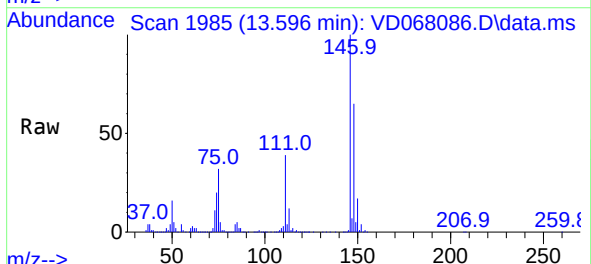
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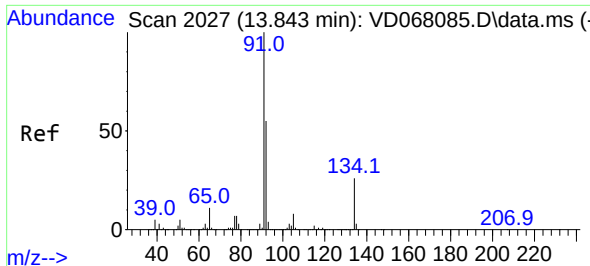


#88
1,4-Dichlorobenzene
Concen: 101.31 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:146 Resp: 1274499

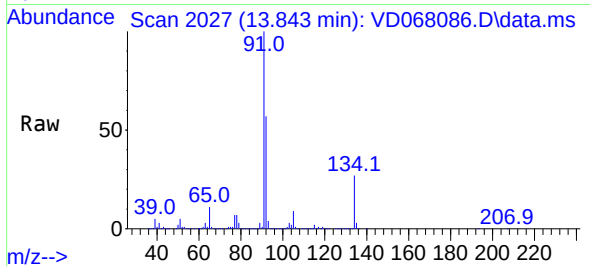
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.1
148	64.1	31.9	95.7





#89
n-Butylbenzene
Concen: 115.39 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

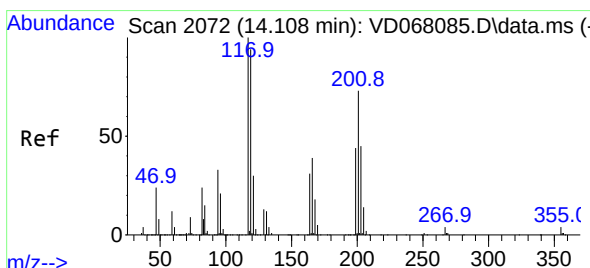
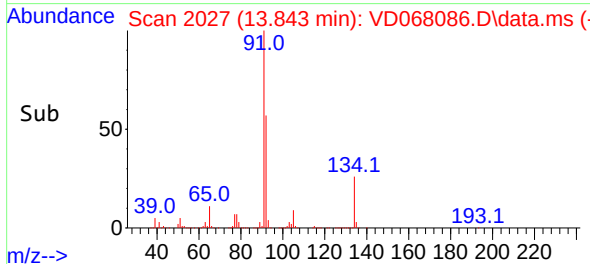
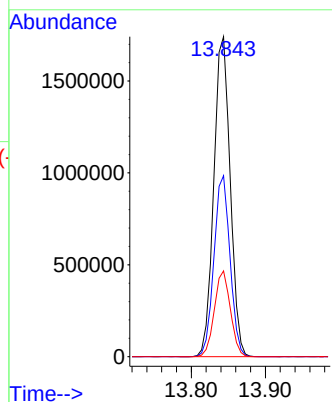
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2669989
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.6
134 26.2 13.9 41.7

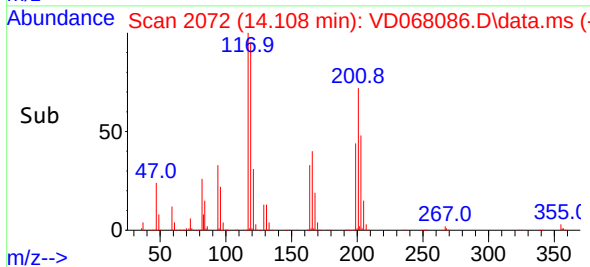
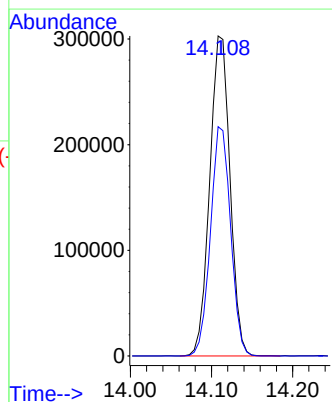
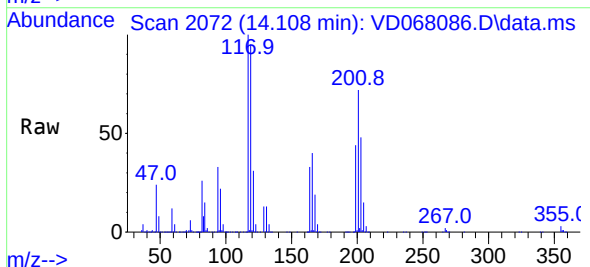
Manual Integrations
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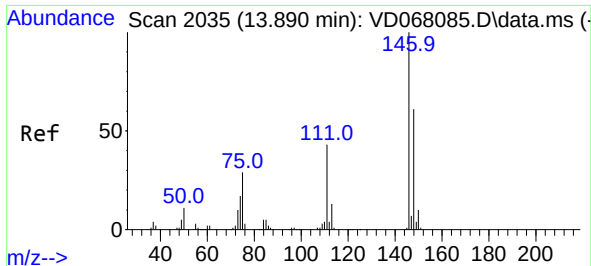
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#90
Hexachloroethane
Concen: 107.64 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

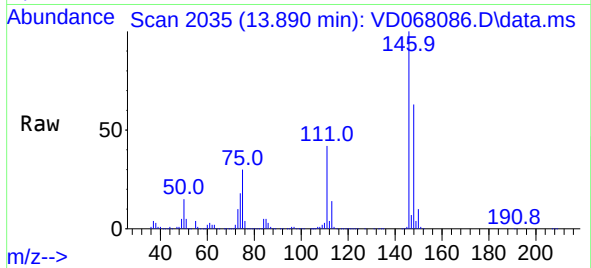
Tgt Ion: 117 Resp: 525732
Ion Ratio Lower Upper
117 100
201 71.1 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 103.94 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

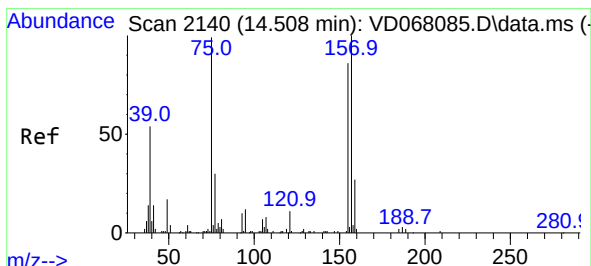
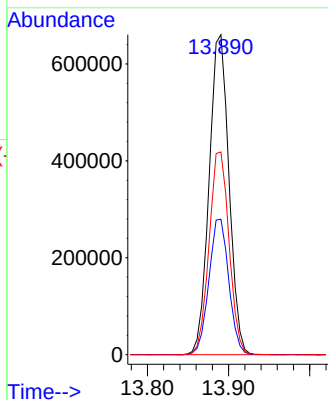
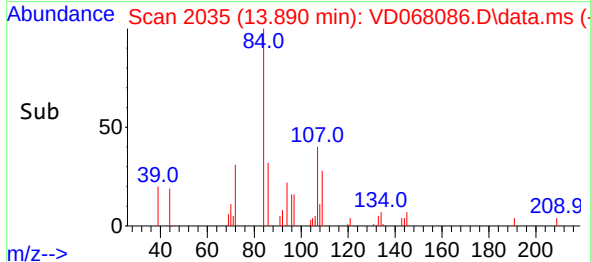
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



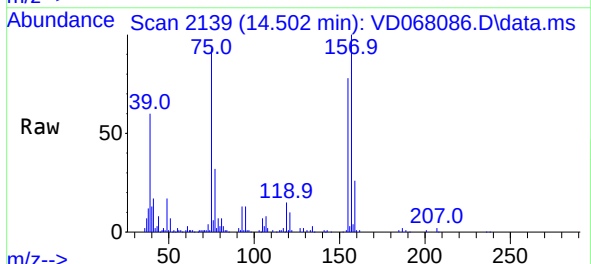
Tgt Ion:146 Resp: 1120436
Ion Ratio Lower Upper
146 100
111 42.5 20.3 60.9
148 63.9 31.7 95.1

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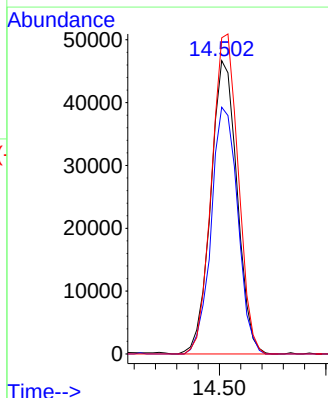
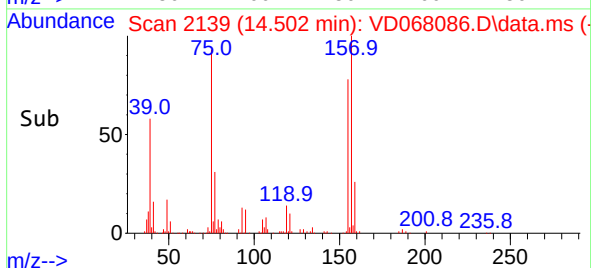
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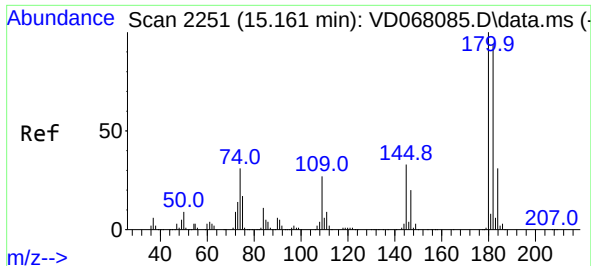


#92
1,2-Dibromo-3-Chloropropane
Concen: 114.17 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



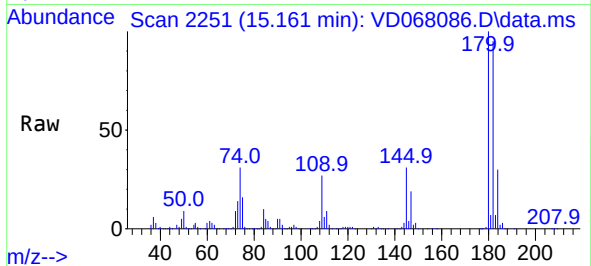
Tgt Ion: 75 Resp: 80261
Ion Ratio Lower Upper
75 100
155 84.4 48.0 144.2
157 109.6 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 103.73 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

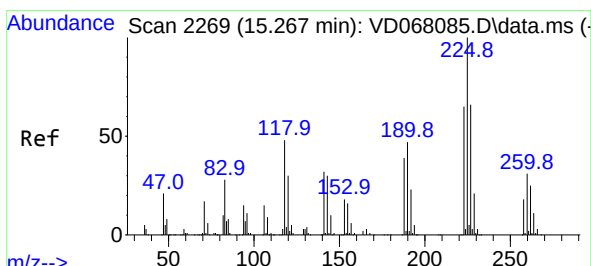
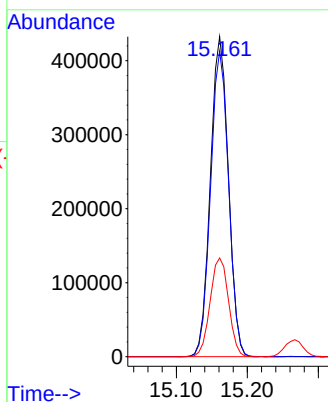
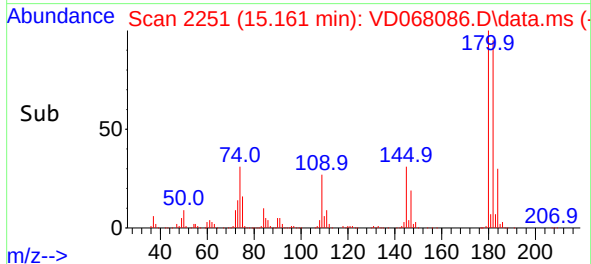
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100



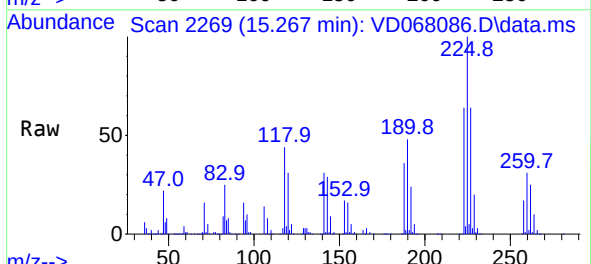
Tgt Ion:180 Resp: 760449
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.4
145 31.6 15.2 45.5

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APPROVED

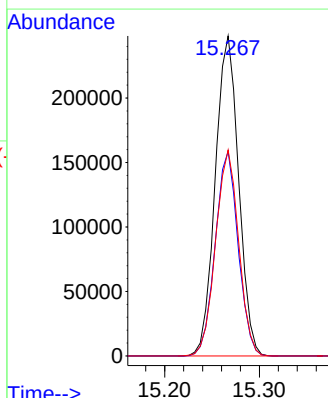
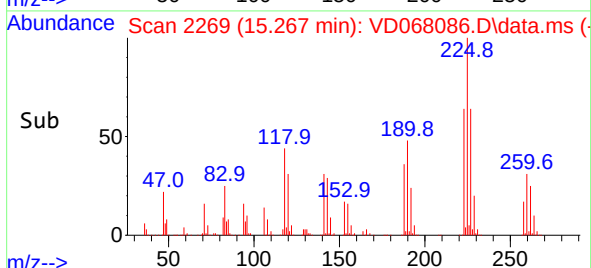
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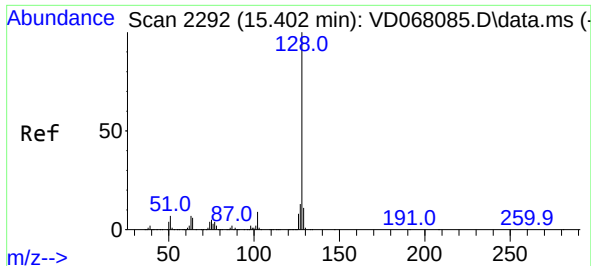


#94
Hexachlorobutadiene
Concen: 92.68 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28



Tgt Ion:225 Resp: 425276
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.5
227 63.5 32.1 96.5





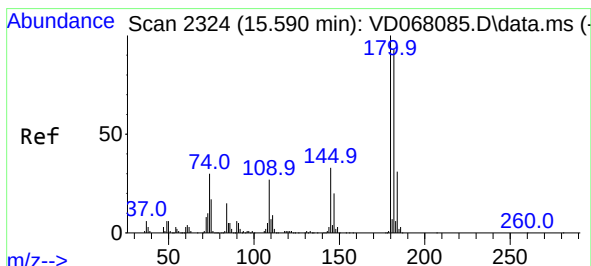
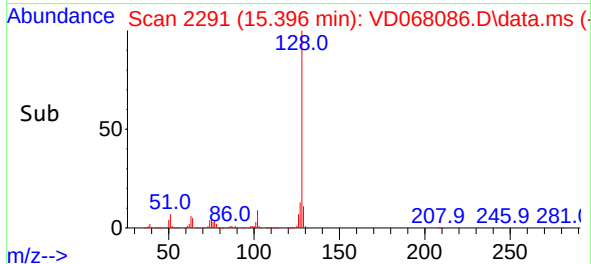
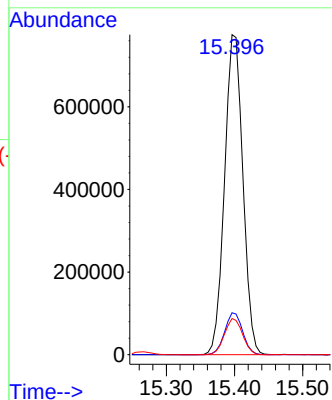
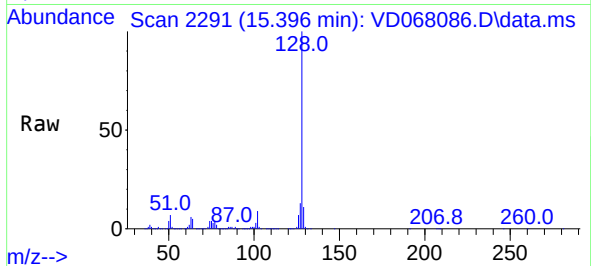
#95
Naphthalene
Concen: 117.33 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:128 Resp: 1448215
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.8 13.2

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

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1/20/2021 4:56:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 101.88 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068086.D
Acq: 19 Jan 2021 12:28

Tgt Ion:180 Resp: 639750
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 33.2 16.7 50.1

