

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069136.D
 Acq On : 12 May 2021 13:28
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
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Quant Time: May 13 03:34:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 03:30:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	336623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	529912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	500133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	242882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	310079	91.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.76%#			
35) Dibromofluoromethane	7.914	113	332876	96.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.06%#			
50) Toluene-d8	10.338	98	1278478	100.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 201.80%#			
62) 4-Bromofluorobenzene	12.632	95	411718	100.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 201.96%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	319543	89.28	ug/l	99
3) Chloromethane	2.209	50	355423	86.41	ug/l	97
4) Vinyl Chloride	2.350	62	482838	89.06	ug/l	98
5) Bromomethane	2.756	94	362275	88.83	ug/l	96
6) Chloroethane	2.921	64	333230	95.55	ug/l	100
7) Trichlorofluoromethane	3.273	101	595834	90.08	ug/l	97
8) Diethyl Ether	3.709	74	150056	99.37	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	343817	91.72	ug/l	98
10) Methyl Iodide	4.303	142	407707	114.11	ug/l	99
11) Tert butyl alcohol	5.226	59	79873	346.30	ug/l #	85
12) 1,1-Dichloroethene	4.068	96	328375	97.50	ug/l	100
13) Acrolein	3.920	56	132074	481.02	ug/l	99
14) Allyl chloride	4.715	41	364820	98.75	ug/l	99
15) Acrylonitrile	5.420	53	272411	483.36	ug/l	99
16) Acetone	4.162	43	229099	443.26	ug/l	100
17) Carbon Disulfide	4.415	76	1041901	93.32	ug/l	99
18) Methyl Acetate	4.720	43	115787	92.20	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	627244	102.63	ug/l	97
20) Methylene Chloride	4.967	84	386413	70.62	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	383630	96.07	ug/l	100
22) Diisopropyl ether	6.367	45	741559	100.50	ug/l	96
23) Vinyl Acetate	6.309	43	2331782	535.49	ug/l	99
24) 1,1-Dichloroethane	6.267	63	594407	93.25	ug/l	98
25) 2-Butanone	7.214	43	340843	486.66	ug/l	98
26) 2,2-Dichloropropane	7.214	77	566550	95.04	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	430325	99.25	ug/l	97
28) Bromochloromethane	7.550	49	214422	94.36	ug/l	99
29) Tetrahydrofuran	7.561	42	186584	490.09	ug/l	99
30) Chloroform	7.709	83	666115	92.82	ug/l	98
31) Cyclohexane	7.985	56	460769	92.13	ug/l	93
32) 1,1,1-Trichloroethane	7.909	97	615860	94.58	ug/l	99
36) 1,1-Dichloropropene	8.114	75	523246	101.57	ug/l	99
37) Ethyl Acetate	7.291	43	154092	93.09	ug/l	97
38) Carbon Tetrachloride	8.097	117	562217	97.62	ug/l	99
39) Methylcyclohexane	9.355	83	586640	107.96	ug/l	98
40) Benzene	8.356	78	1472294	99.76	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	99705	122.39	ug/l #	78
42) 1,2-Dichloroethane	8.426	62	392911	97.51	ug/l	99
43) Isopropyl Acetate	8.450	43	305822	101.74	ug/l	99
44) Trichloroethene	9.114	130	415091	100.64	ug/l	99
45) 1,2-Dichloropropane	9.385	63	339985	97.61	ug/l	98
46) Dibromomethane	9.473	93	203563	97.76	ug/l	99
47) Bromodichloromethane	9.661	83	515345	97.26	ug/l	99
48) Methyl methacrylate	9.455	41	150153	108.02	ug/l	97
49) 1,4-Dioxane	9.461	88	39279	2005.78	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	787020	508.91	ug/l	98
52) Toluene	10.402	92	980674	102.97	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	473843	101.77	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	561743	100.93	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	271327	96.68	ug/l	98
56) Ethyl methacrylate	10.661	69	311588	111.20	ug/l	99
57) 1,3-Dichloropropane	10.944	76	453511	99.99	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	711953	512.45	ug/l	100
59) 2-Hexanone	10.985	43	543564	526.72	ug/l	99
60) Dibromochloromethane	11.138	129	353975	98.21	ug/l	99
61) 1,2-Dibromoethane	11.244	107	264893	95.50	ug/l	98
64) Tetrachloroethene	10.879	164	346732	99.75	ug/l	98
65) Chlorobenzene	11.667	112	1042449	100.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	385749	98.68	ug/l	98
67) Ethyl Benzene	11.744	91	1935658	108.50	ug/l	99
68) m/p-Xylenes	11.855	106	1509459	215.92	ug/l	100
69) o-Xylene	12.179	106	689785	110.95	ug/l	100
70) Styrene	12.191	104	1192994	109.93	ug/l	99
71) Bromoform	12.361	173	200337	98.53	ug/l #	99
73) Isopropylbenzene	12.479	105	1867740	110.02	ug/l	100
74) N-amyl acetate	12.285	43	295151	106.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	296529	96.39	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	198503m	109.15	ug/l	
77) Bromobenzene	12.755	156	418560	103.91	ug/l	100
78) n-propylbenzene	12.820	91	2233547	109.04	ug/l	100
79) 2-Chlorotoluene	12.902	91	1203388	105.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1544682	110.36	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	91918	101.69	ug/l	98
82) 4-Chlorotoluene	13.002	91	1274167	104.95	ug/l	100
83) tert-Butylbenzene	13.220	119	1300846	111.53	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	1544061	109.65	ug/l	100
85) sec-Butylbenzene	13.396	105	1927274	109.89	ug/l	100
86) p-Isopropyltoluene	13.514	119	1731938	112.39	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	840065	103.04	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	819760	101.52	ug/l	98
89) n-Butylbenzene	13.838	91	1587171	110.54	ug/l	100
90) Hexachloroethane	14.108	117	301896	104.54	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	708643	101.21	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	53663	112.39	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	453760	105.75	ug/l	99
94) Hexachlorobutadiene	15.261	225	267341	103.82	ug/l	100
95) Naphthalene	15.396	128	813583	113.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	388425	105.81	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

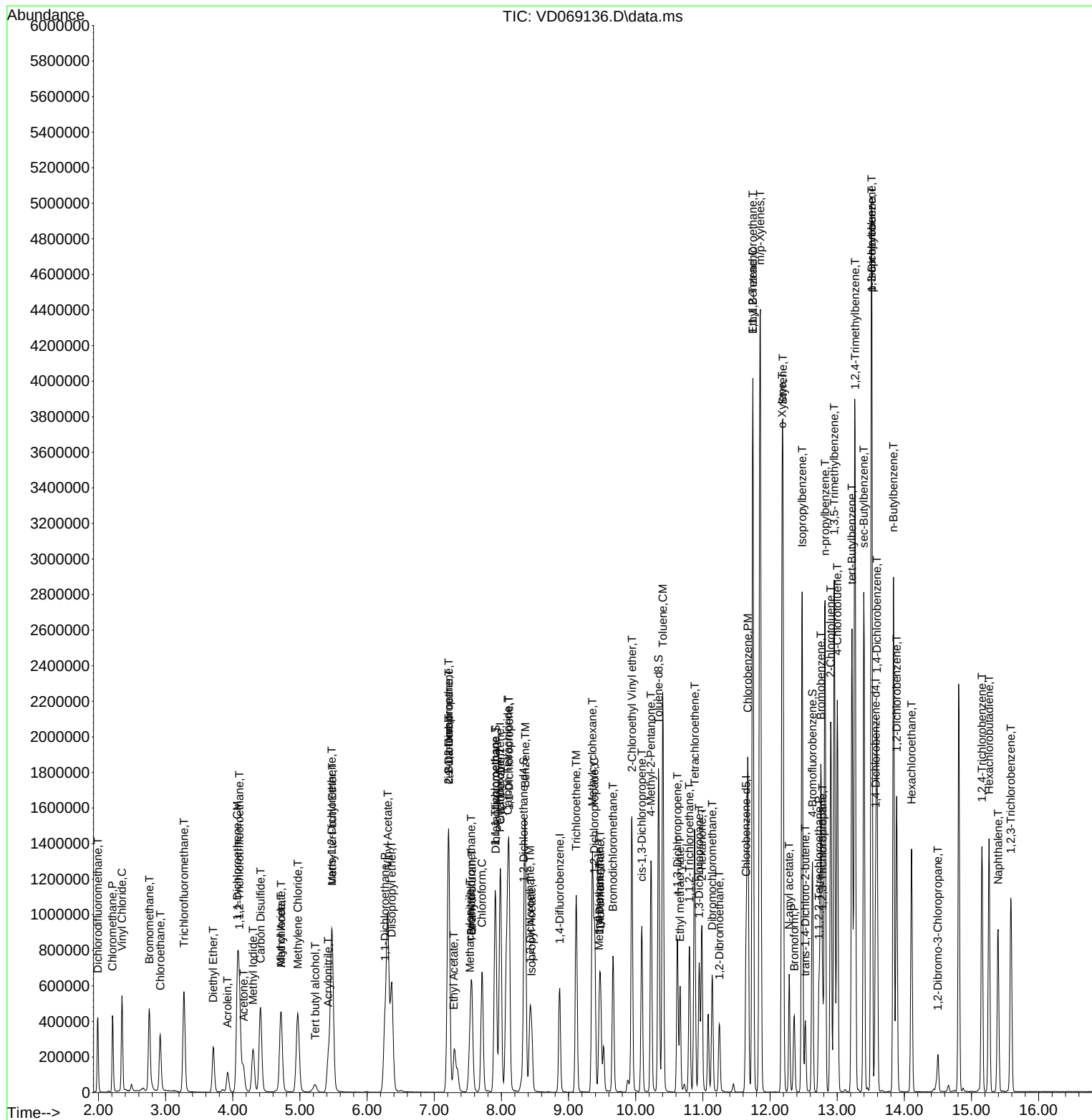
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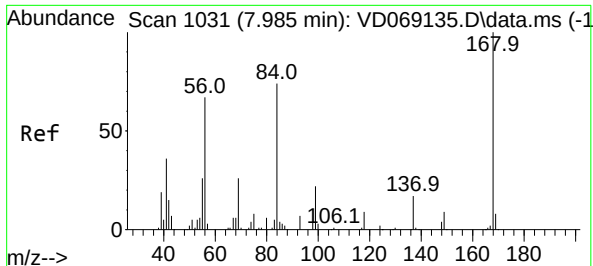
Instrument :
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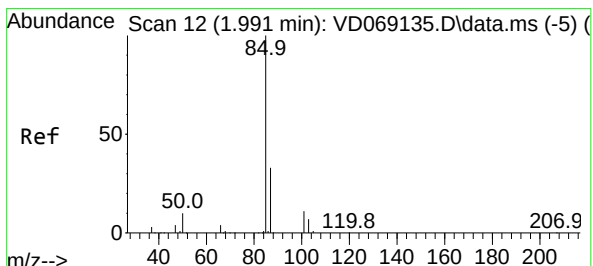
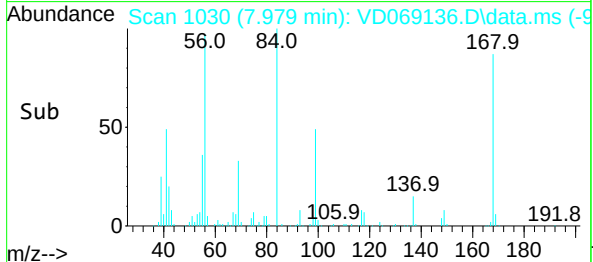
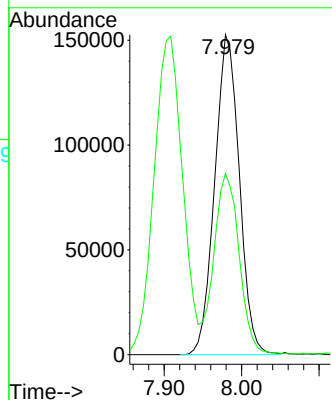
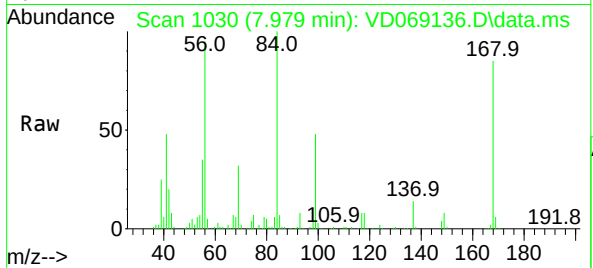
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 168 Resp: 336623
Ion Ratio Lower Upper
168 100
99 56.2 47.2 70.8

Instrument :
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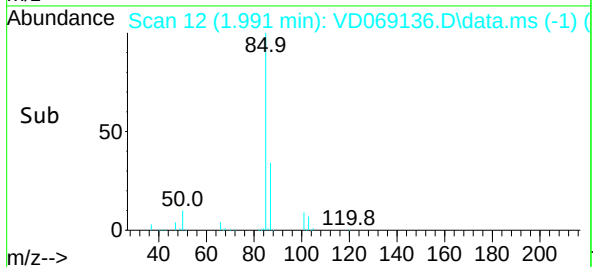
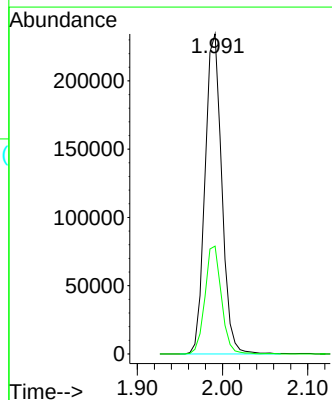
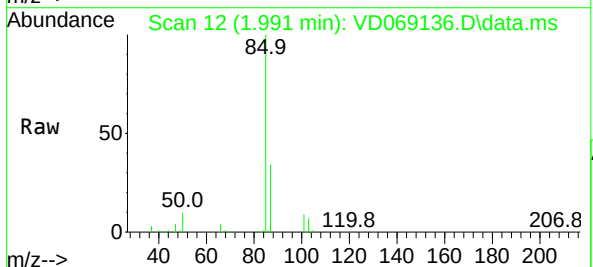
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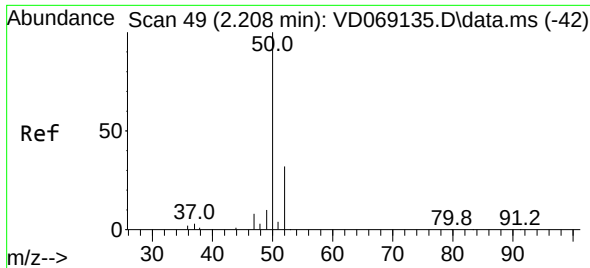
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#2
Dichlorodifluoromethane
Concen: 89.28 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 85 Resp: 319543
Ion Ratio Lower Upper
85 100
87 33.7 16.5 49.5





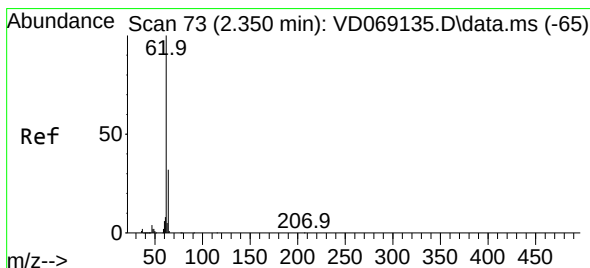
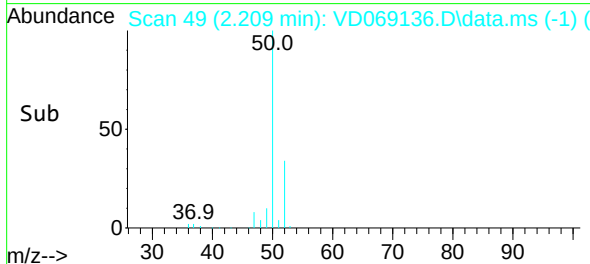
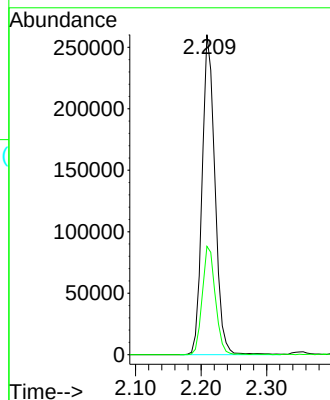
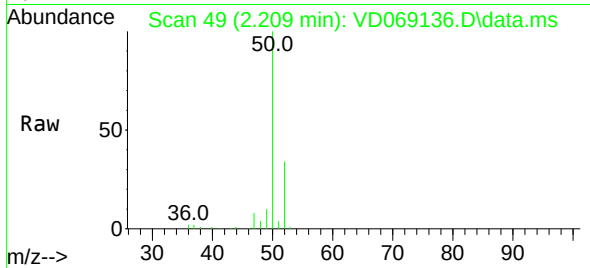
#3
Chloromethane
Concen: 86.41 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 50 Resp: 355423
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.8

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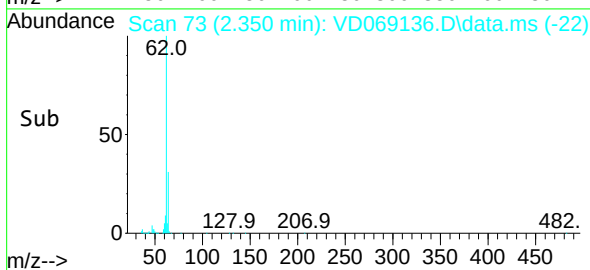
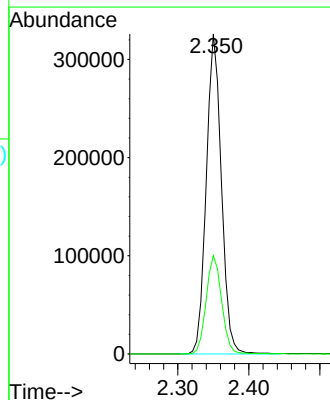
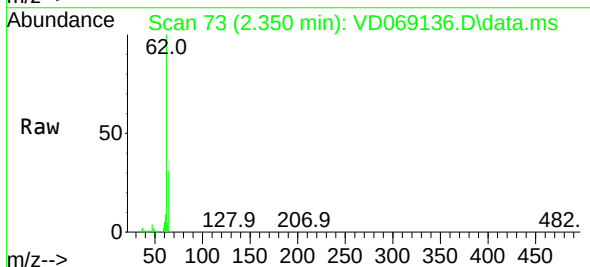
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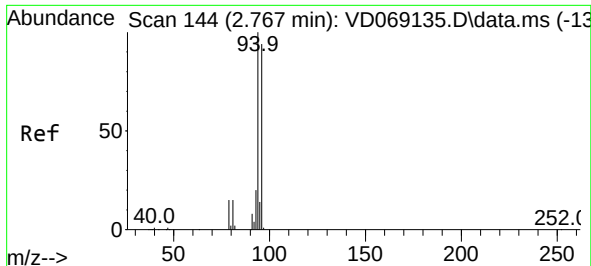
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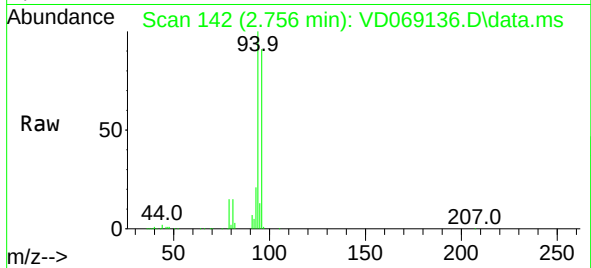
#4
Vinyl Chloride
Concen: 89.06 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 62 Resp: 482838
Ion Ratio Lower Upper
62 100
64 30.7 25.3 37.9

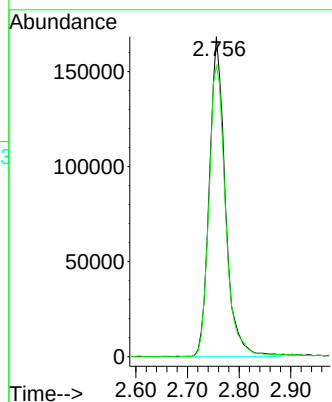




#5
Bromomethane
Concen: 88.83 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



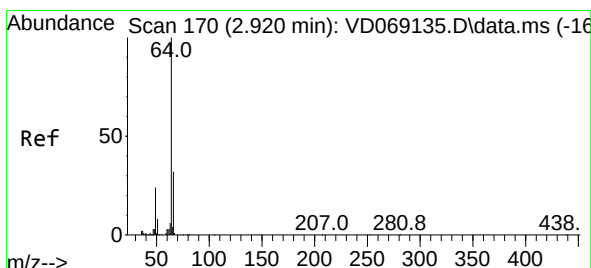
Tgt Ion: 94 Resp: 362275
Ion Ratio Lower Upper
94 100
96 90.7 75.4 113.0



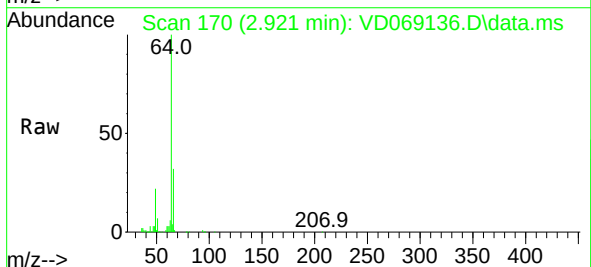
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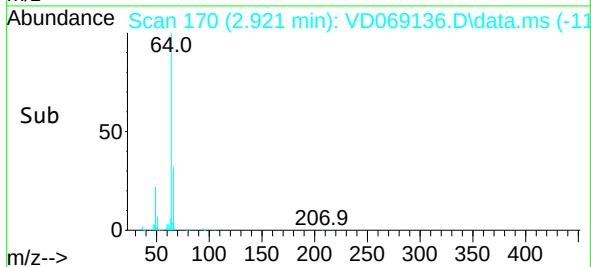
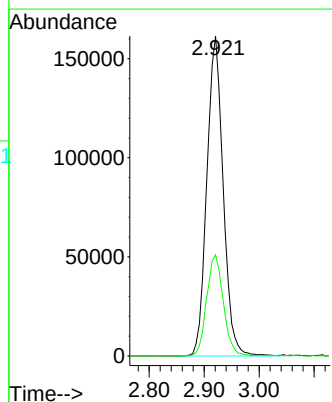
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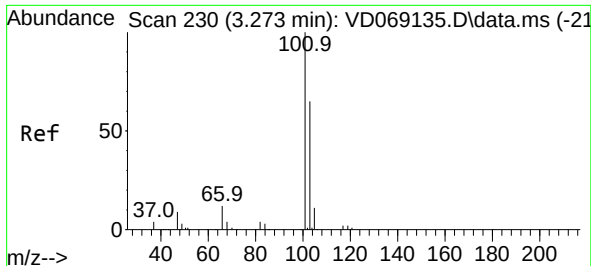


#6
Chloroethane
Concen: 95.55 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



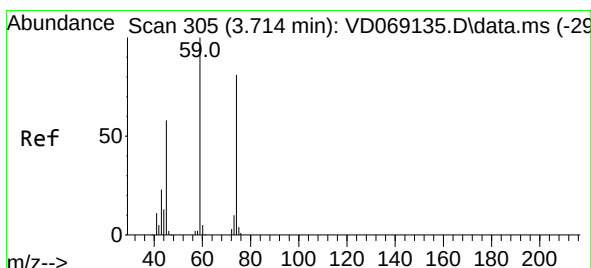
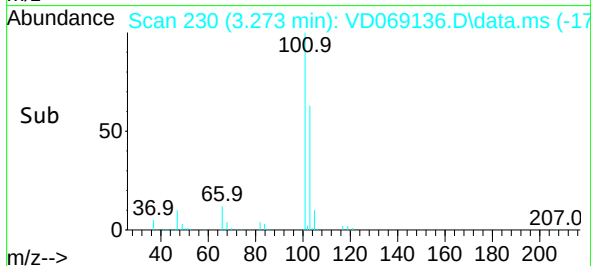
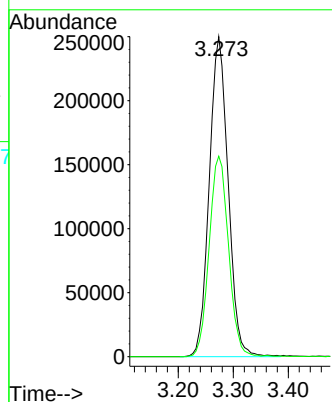
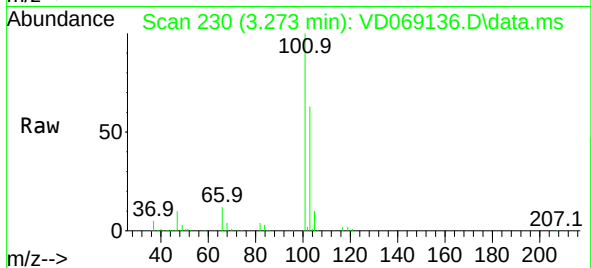
Tgt Ion: 64 Resp: 333230
Ion Ratio Lower Upper
64 100
66 31.6 25.2 37.8





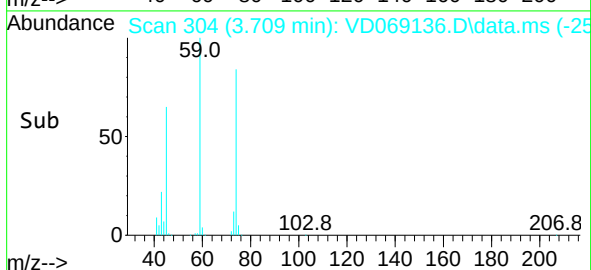
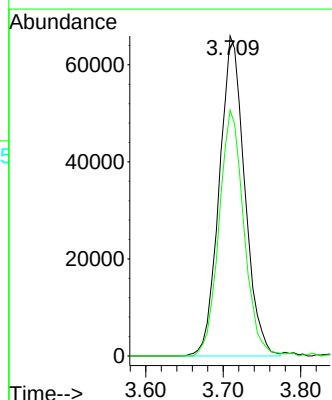
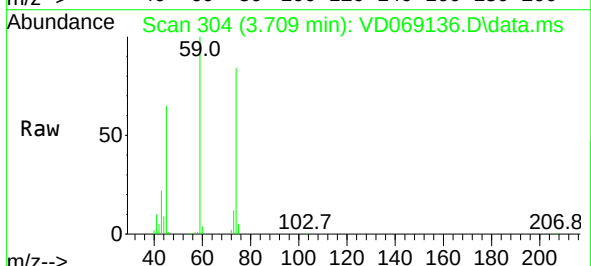
#7
Trichlorofluoromethane
Concen: 90.08 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:101 Resp: 595834
Ion Ratio Lower Upper
101 100
103 62.7 51.9 77.9



#8
Diethyl Ether
Concen: 99.37 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

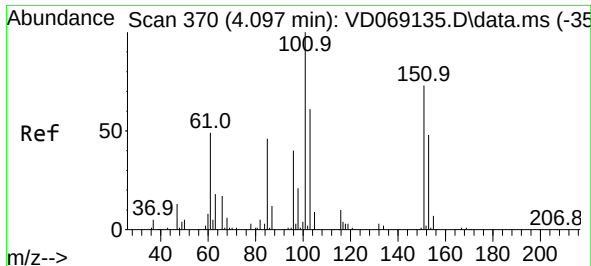
Tgt Ion: 74 Resp: 150056
Ion Ratio Lower Upper
74 100
45 75.4 38.1 114.5



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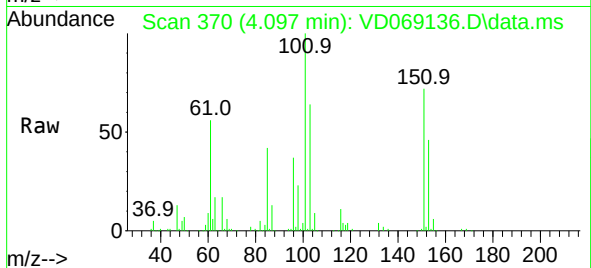
Manual Integrations
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.72 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

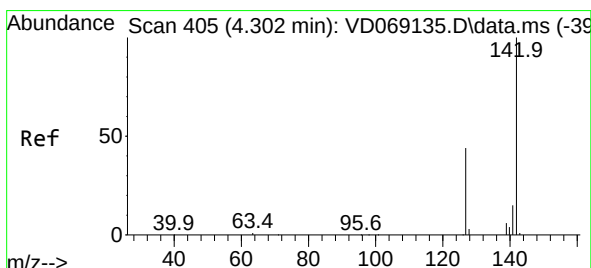
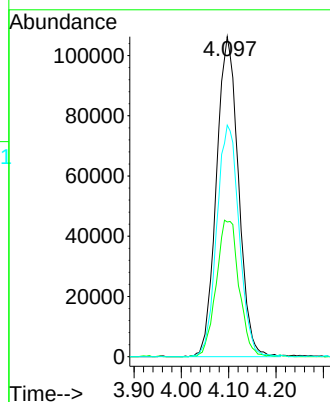
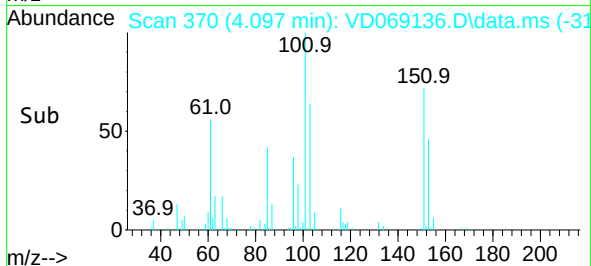
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



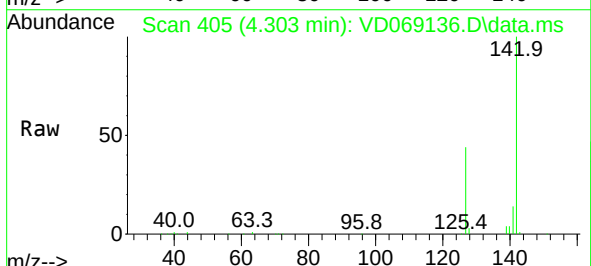
Tgt Ion:101 Resp: 343817
Ion Ratio Lower Upper
101 100
85 44.1 35.2 52.8
151 73.4 60.6 91.0

Manual Integrations
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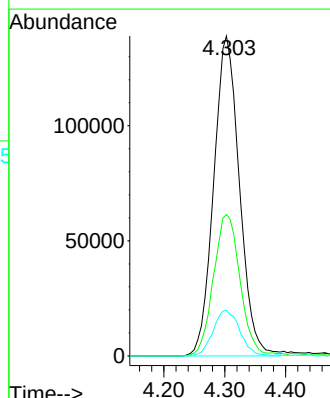
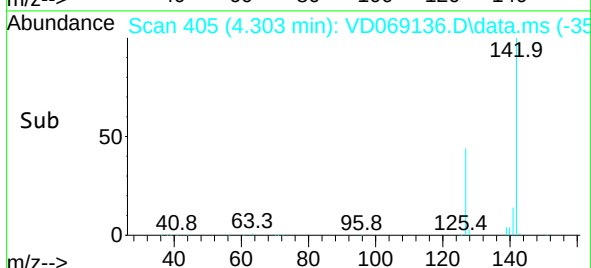
MMDadoda
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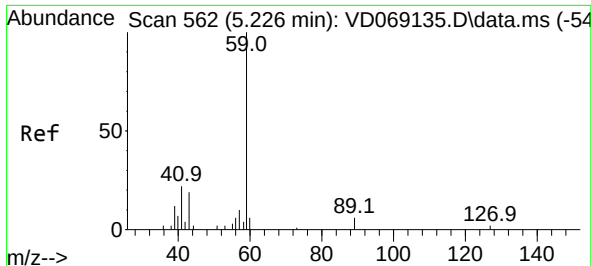


#10
Methyl Iodide
Concen: 114.11 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion:142 Resp: 407707
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 14.8 12.2 18.4





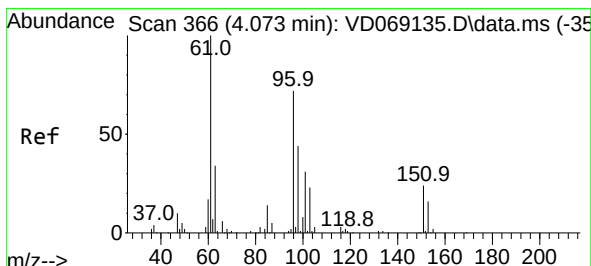
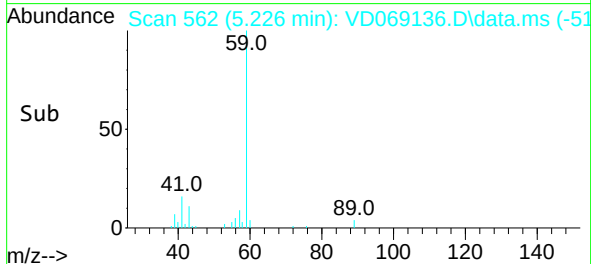
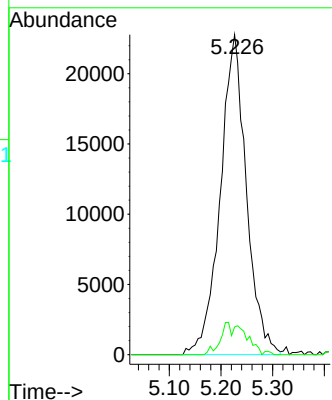
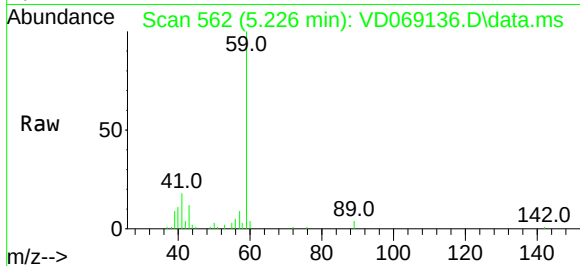
#11
Tert butyl alcohol
Concen: 346.30 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 59 Resp: 79873
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

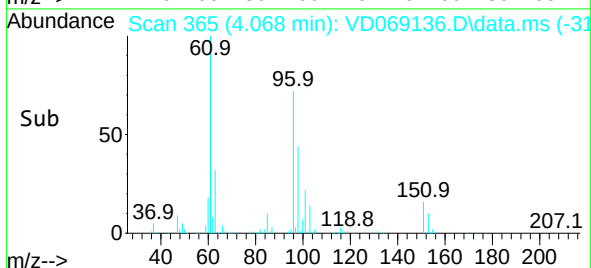
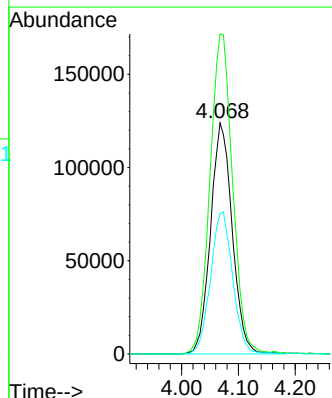
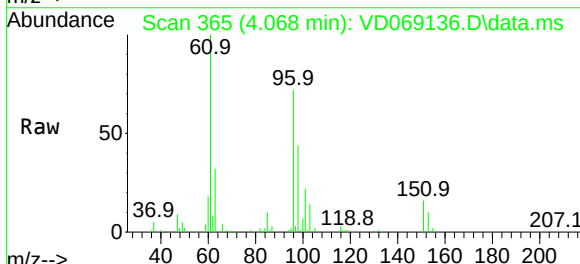
Manual Integrations
APPROVED

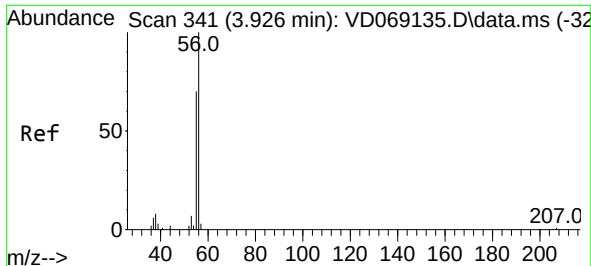
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#12
1,1-Dichloroethene
Concen: 97.50 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

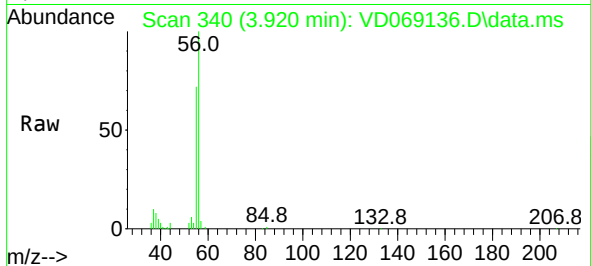
Tgt Ion: 96 Resp: 328375
Ion Ratio Lower Upper
96 100
61 138.5 111.1 166.7
98 60.8 48.4 72.6





#13
Acrolein
Concen: 481.02 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

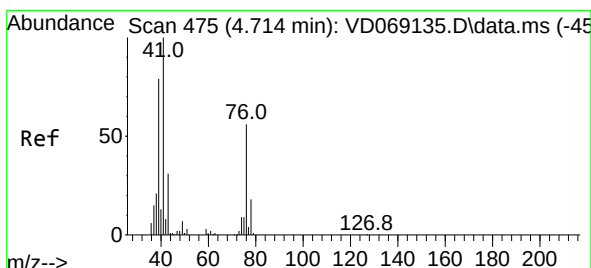
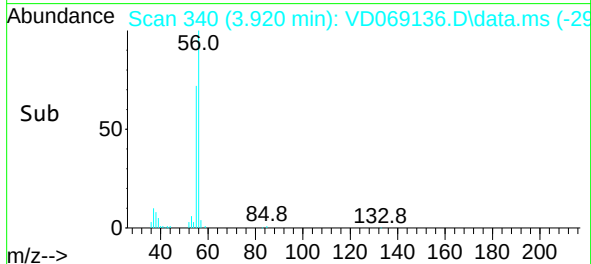
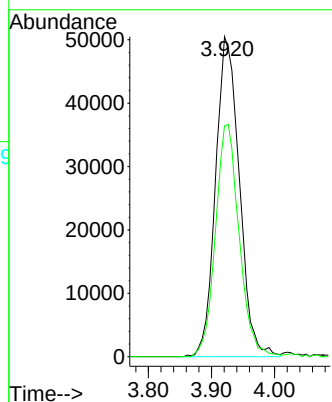
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 132074
Ion Ratio Lower Upper
56 100
55 72.2 56.9 85.3

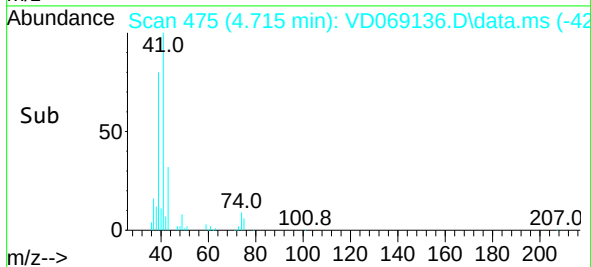
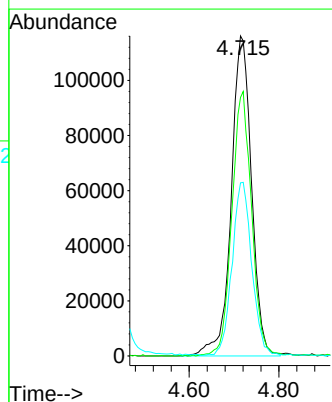
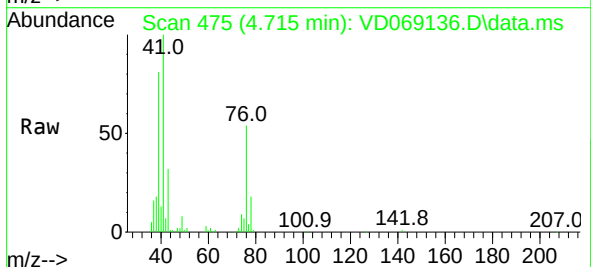
Manual Integrations
APPROVED

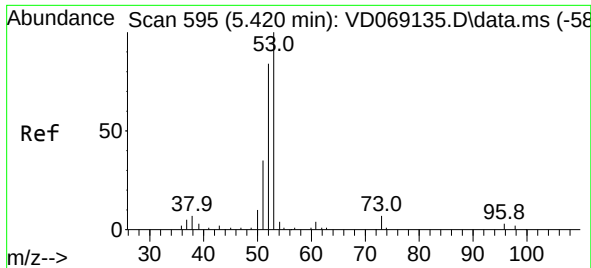
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#14
Allyl chloride
Concen: 98.75 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

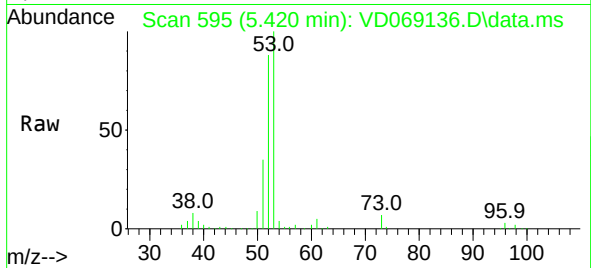
Tgt Ion: 41 Resp: 364820
Ion Ratio Lower Upper
41 100
39 80.7 64.3 96.5
76 52.5 43.6 65.4





#15
Acrylonitrile
Concen: 483.36 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

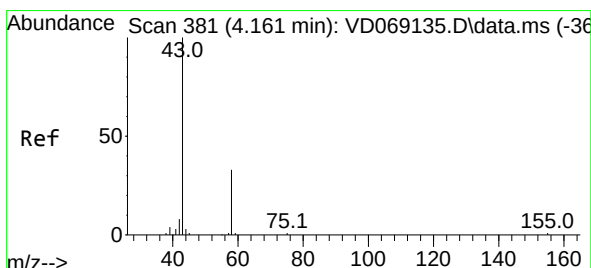
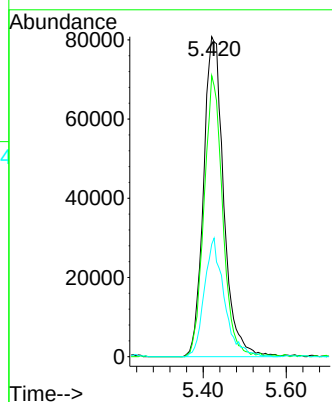
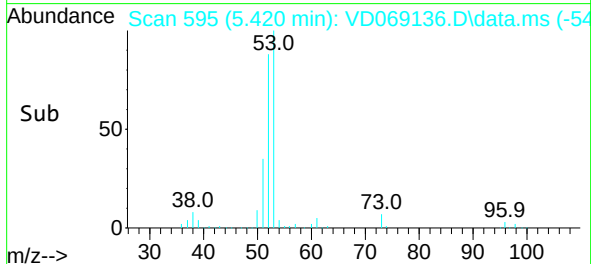
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



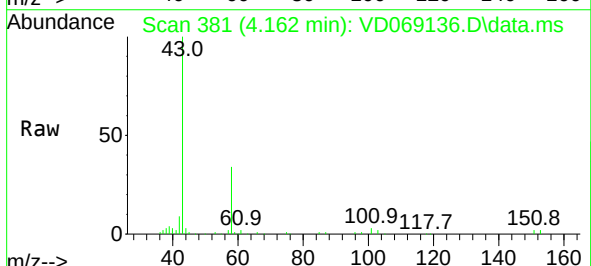
Tgt Ion: 53 Resp: 272411
Ion Ratio Lower Upper
53 100
52 80.9 64.5 96.7
51 36.6 30.4 45.6

Manual Integrations
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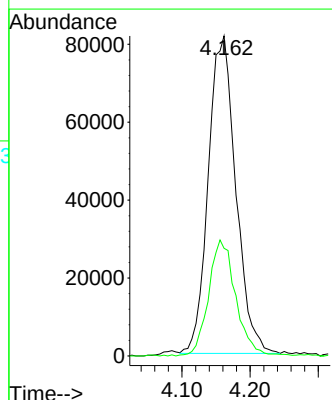
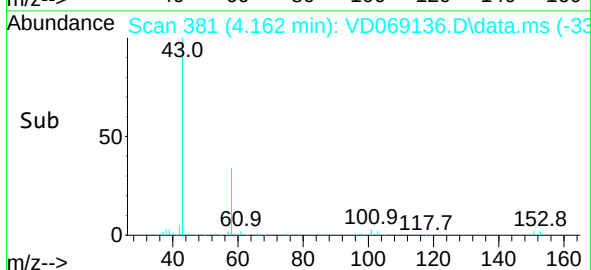
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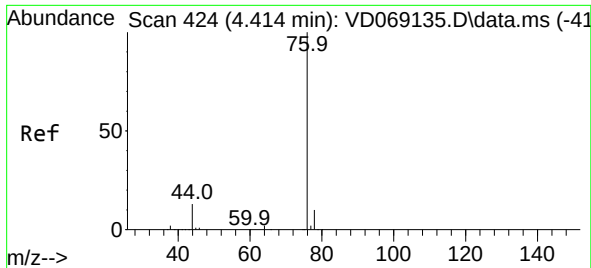


#16
Acetone
Concen: 443.26 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion: 43 Resp: 229099
Ion Ratio Lower Upper
43 100
58 33.6 26.7 40.1





#17
Carbon Disulfide
Concen: 93.32 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

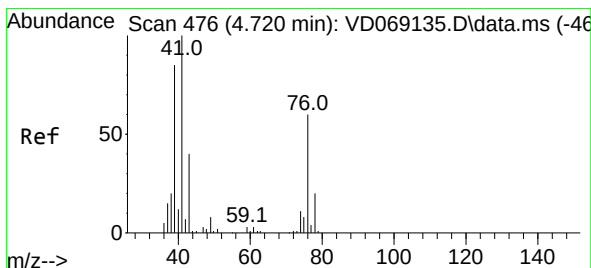
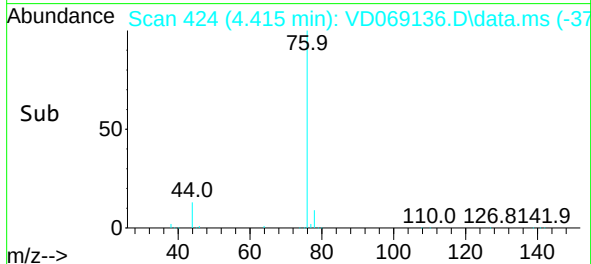
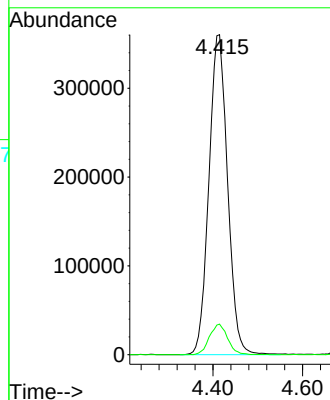
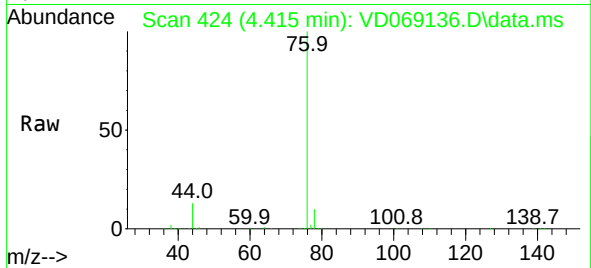
Tgt Ion: 76 Resp: 1041901

Ion	Ratio	Lower	Upper
76	100		
78	9.6	8.1	12.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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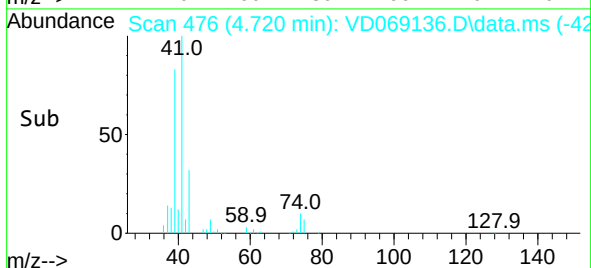
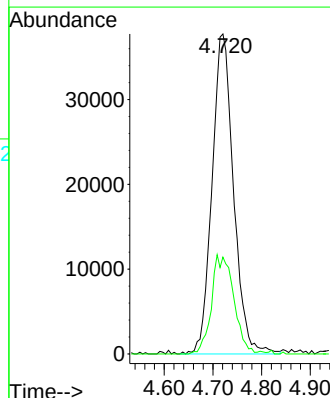
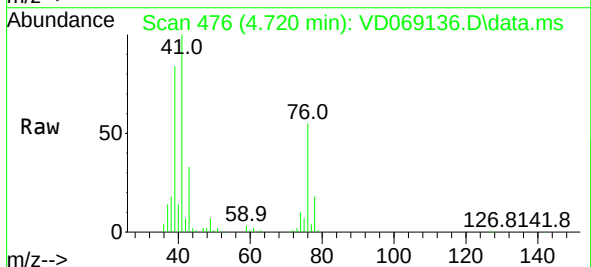
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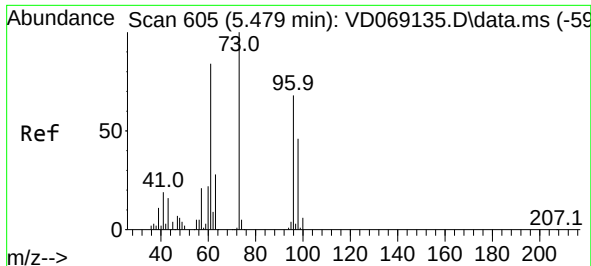


#18
Methyl Acetate
Concen: 92.20 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 43 Resp: 115787

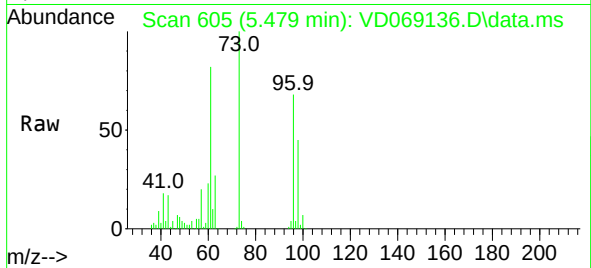
Ion	Ratio	Lower	Upper
43	100		
74	32.0	23.8	35.6



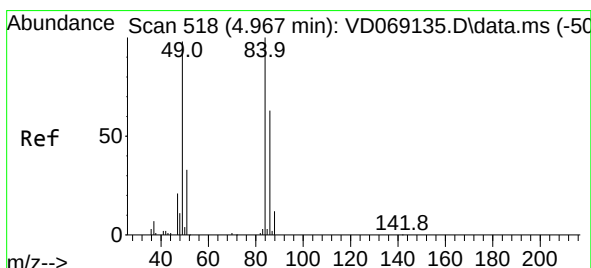
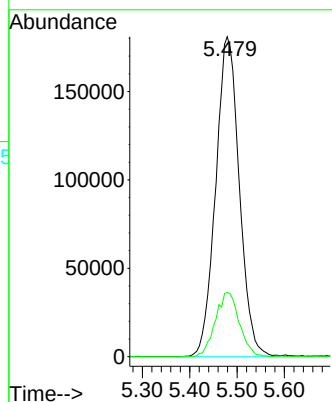
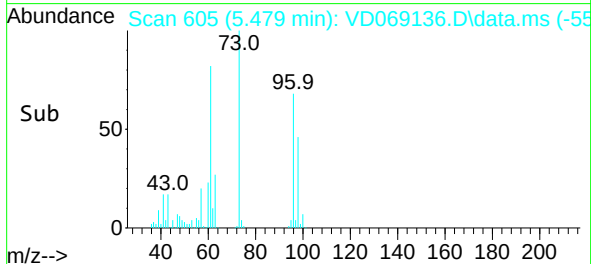


#19
Methyl tert-butyl Ether
Concen: 102.63 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

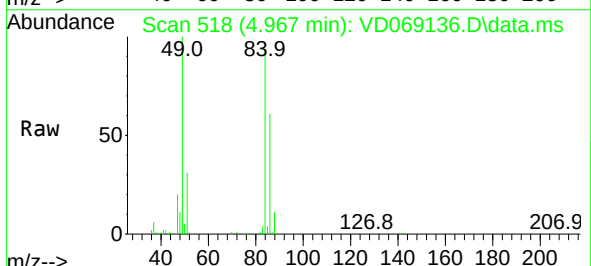
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



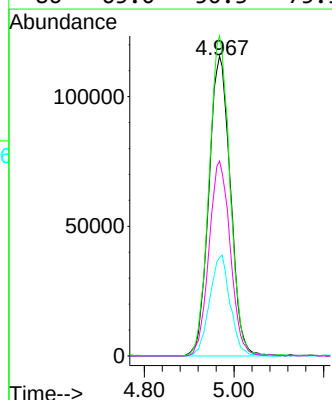
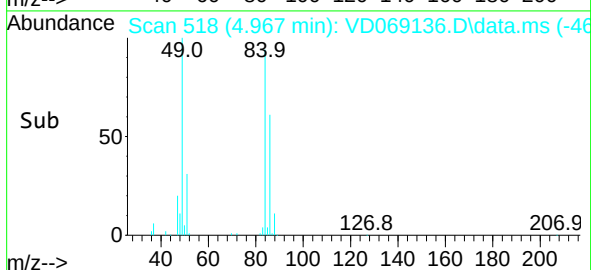
Tgt Ion: 73 Resp: 627244
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

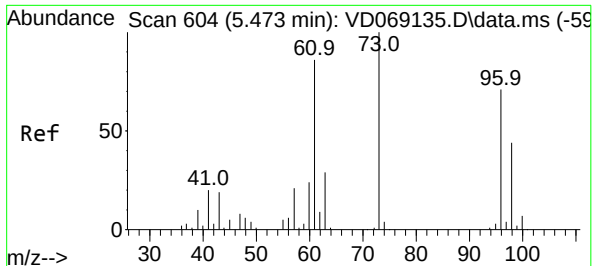


#20
Methylene Chloride
Concen: 70.62 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

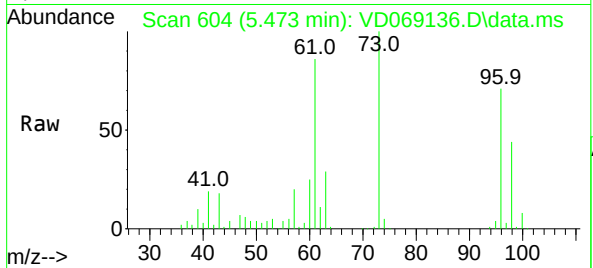


Tgt Ion: 84 Resp: 386413
Ion Ratio Lower Upper
84 100
49 106.7 78.6 117.8
51 32.8 26.7 40.1
86 65.0 50.3 75.5

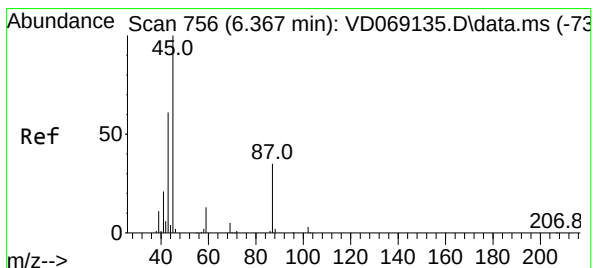
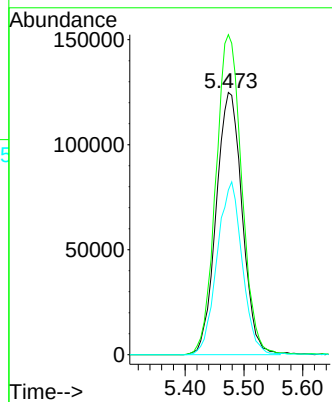
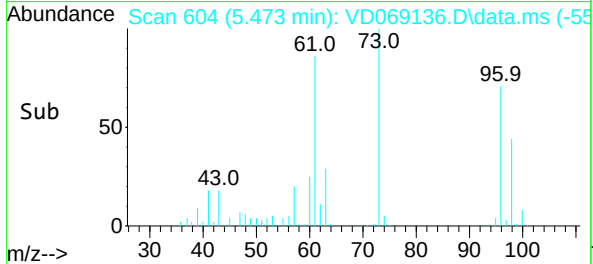




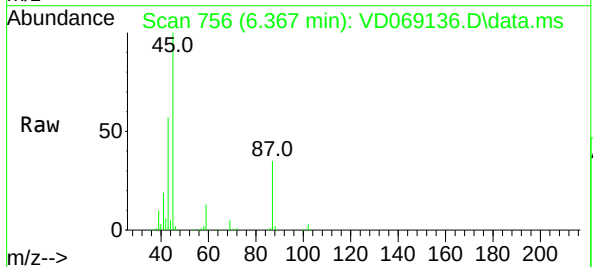
#21
trans-1,2-Dichloroethene
Concen: 96.07 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



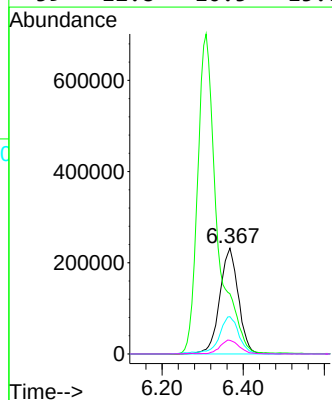
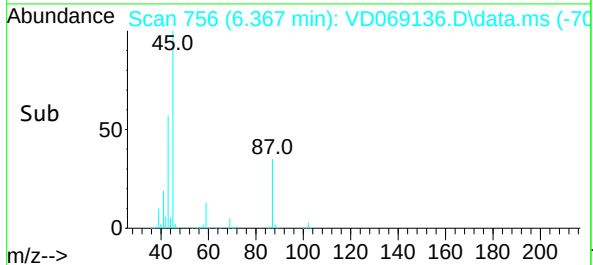
Tgt Ion: 96 Resp: 383630
Ion Ratio Lower Upper
96 100
61 122.0 97.7 146.5
98 62.8 49.4 74.2



#22
Diisopropyl ether
Concen: 100.50 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



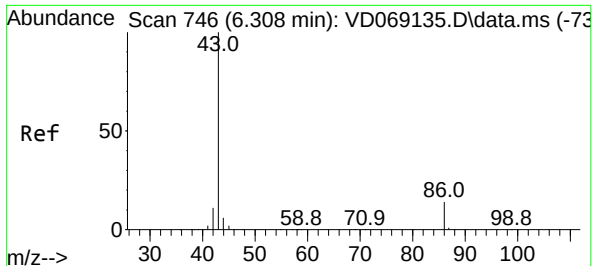
Tgt Ion: 45 Resp: 741559
Ion Ratio Lower Upper
45 100
43 56.3 48.6 73.0
87 35.3 28.5 42.7
59 12.8 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

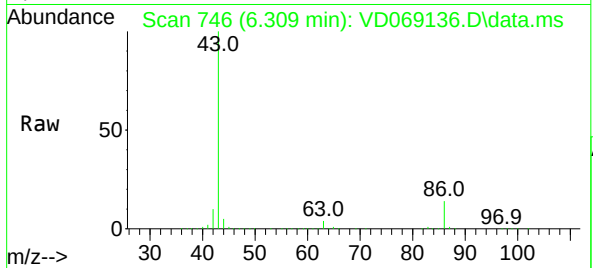
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#23
 Vinyl Acetate
 Concen: 535.49 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069136.D
 Acq: 12 May 2021 13:28

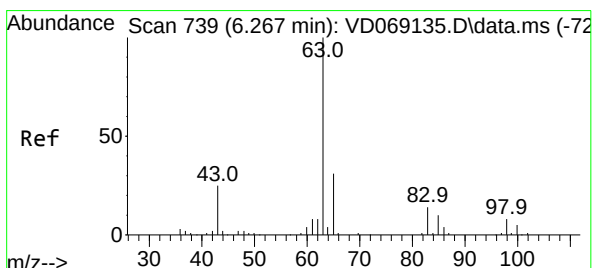
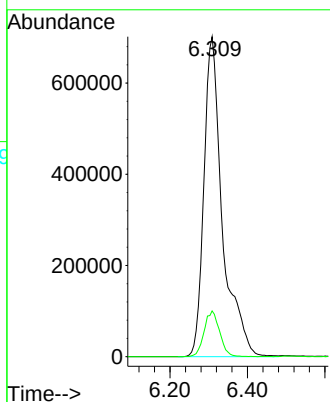
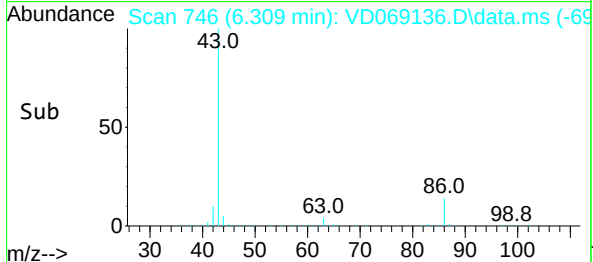
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



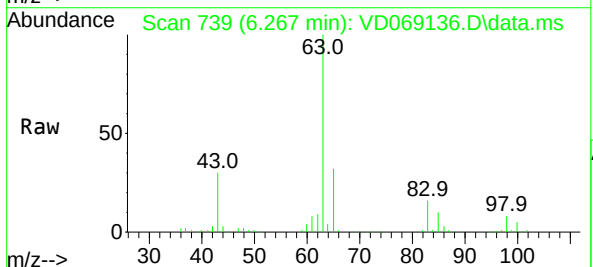
Tgt Ion: 43 Resp: 2331782
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.1 16.7

Manual Integrations
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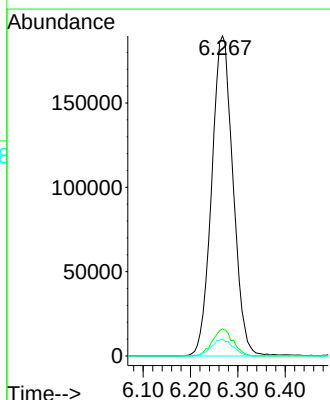
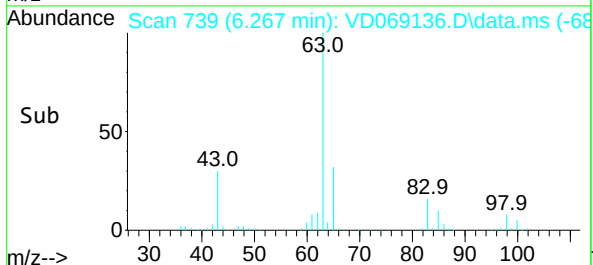
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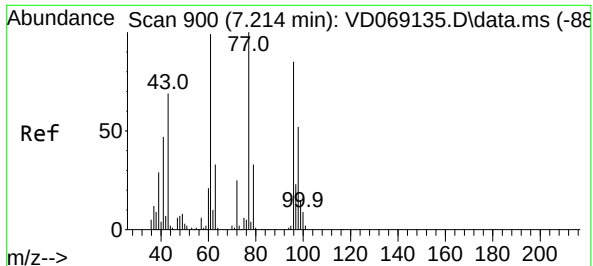


#24
 1,1-Dichloroethane
 Concen: 93.25 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD069136.D
 Acq: 12 May 2021 13:28



Tgt Ion: 63 Resp: 594407
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 5.4 2.5 7.6





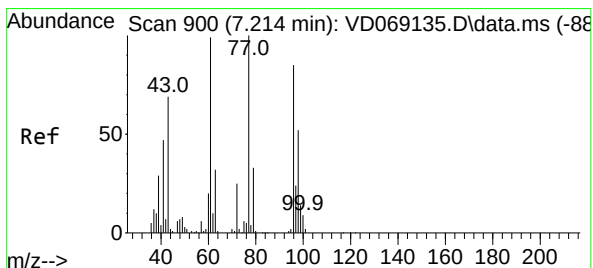
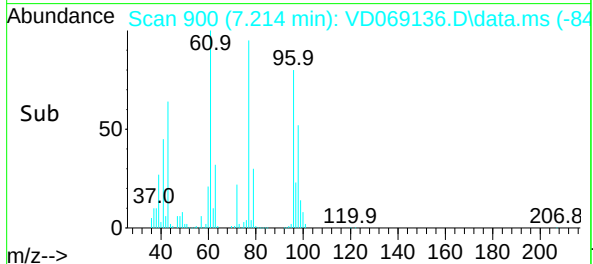
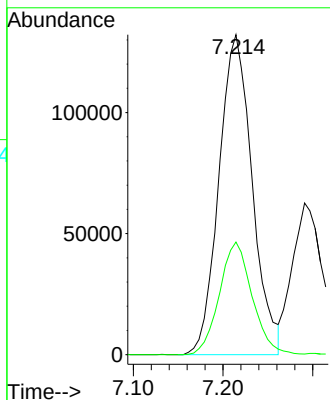
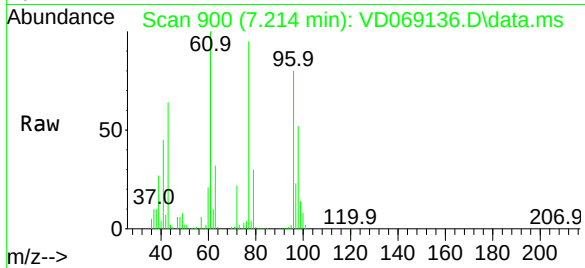
#25
2-Butanone
Concen: 486.66 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 43 Resp: 340843
Ion Ratio Lower Upper
43 100
72 35.2 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

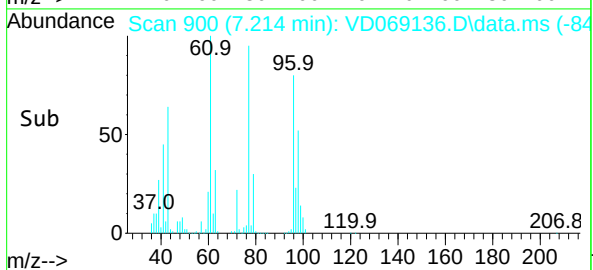
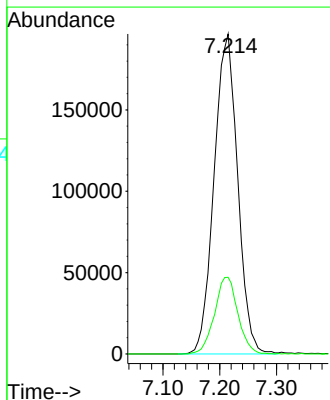
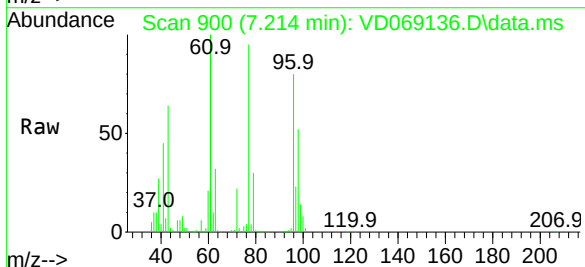
Manual Integrations
APPROVED

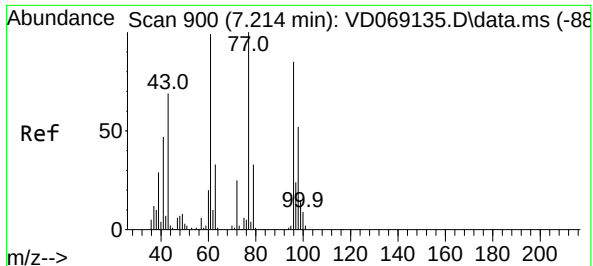
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#26
2,2-Dichloropropane
Concen: 95.04 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 77 Resp: 566550
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 99.25 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

Tgt Ion:	96	Resp:	430325
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	263.8
98	64.5	0.0	132.2

Instrument :

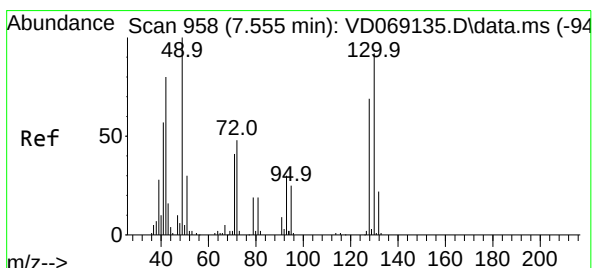
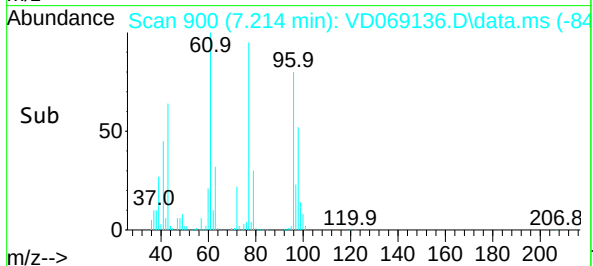
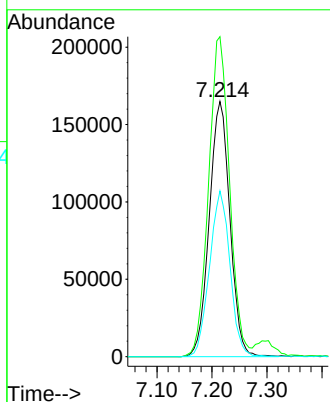
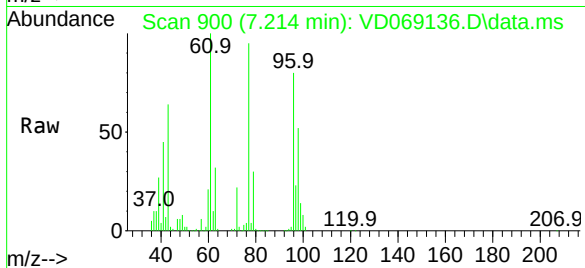
MSVOA_D

ClientSampleId :

VSTDIC100

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#28

Bromochloromethane

Concen: 94.36 ug/l

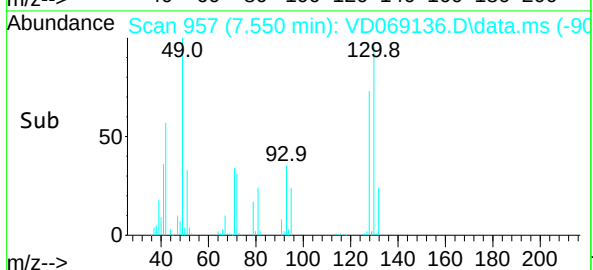
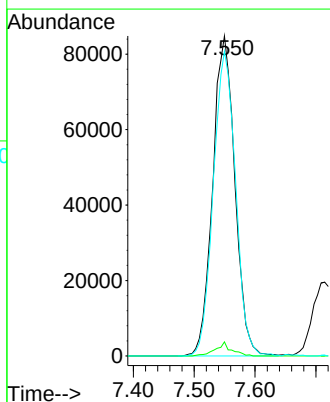
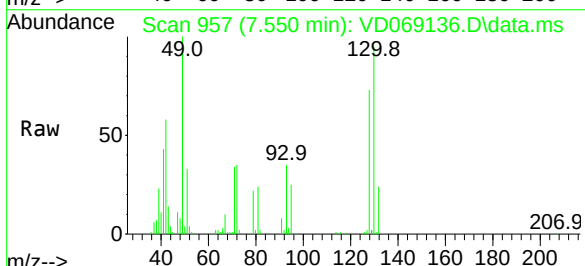
RT: 7.550 min Scan# 957

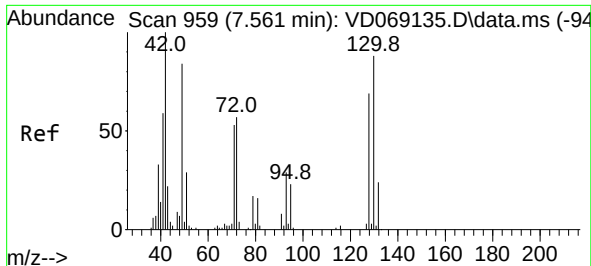
Delta R.T. -0.005 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

Tgt Ion:	49	Resp:	214422
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	6.4
130	95.8	75.8	113.6





#29

Tetrahydrofuran

Concen: 490.09 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069136.D

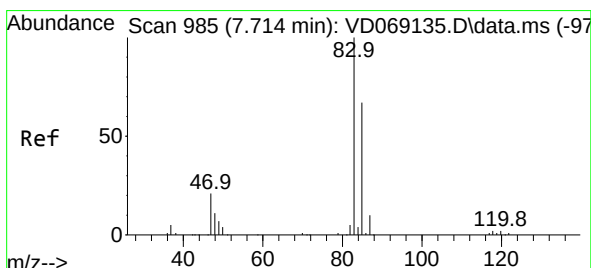
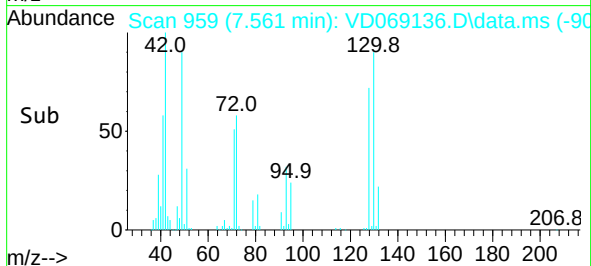
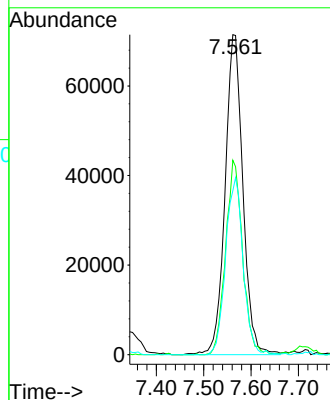
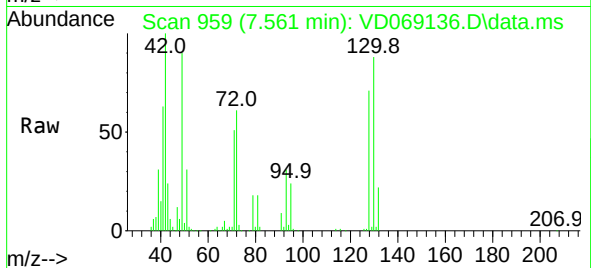
Acq: 12 May 2021 13:28

Tgt Ion:	42	Resp:	186584
Ion	Ratio	Lower	Upper
42	100		
72	57.9	45.9	68.9
71	54.4	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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#30

Chloroform

Concen: 92.82 ug/l

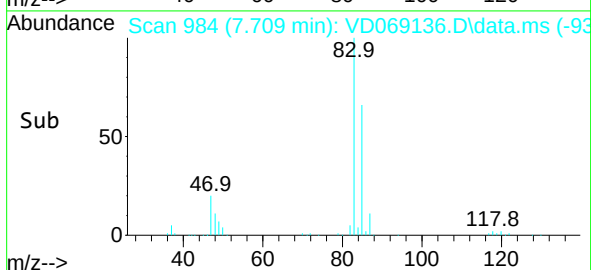
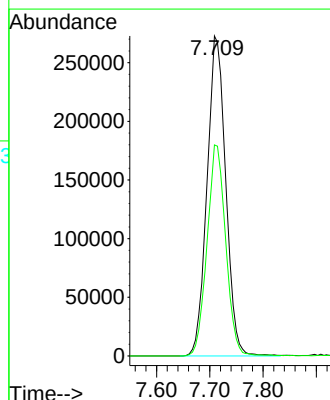
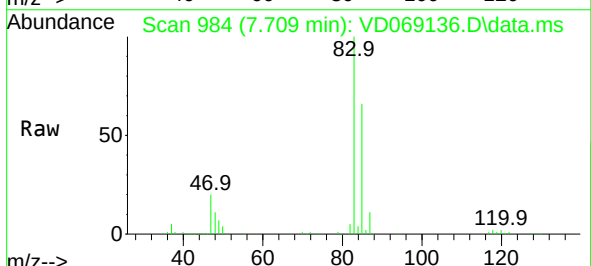
RT: 7.709 min Scan# 984

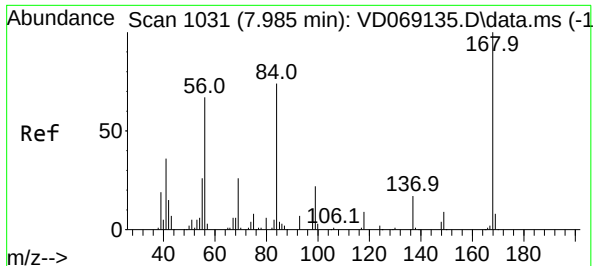
Delta R.T. -0.005 min

Lab File: VD069136.D

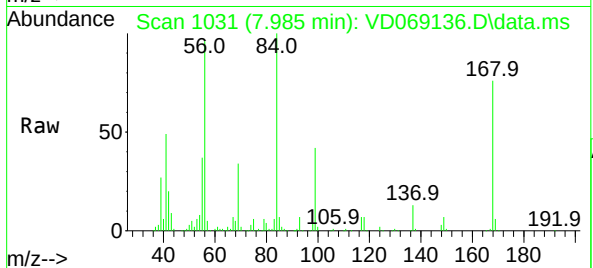
Acq: 12 May 2021 13:28

Tgt Ion:	83	Resp:	666115
Ion	Ratio	Lower	Upper
83	100		
85	66.0	54.0	81.0

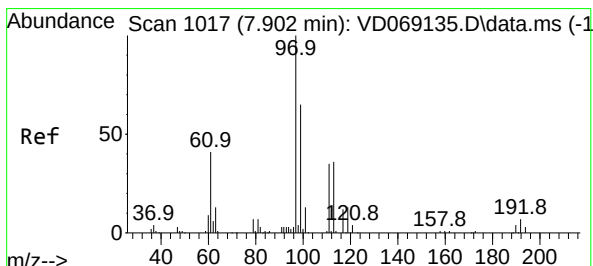
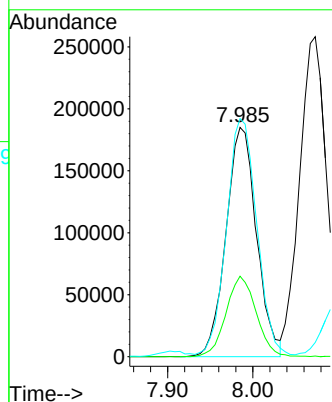
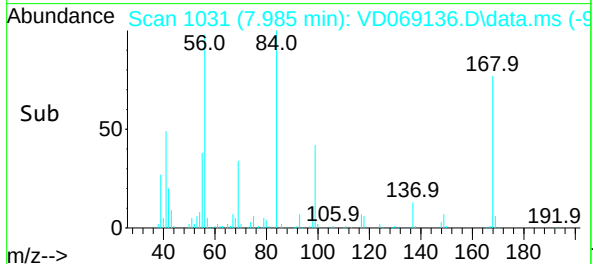




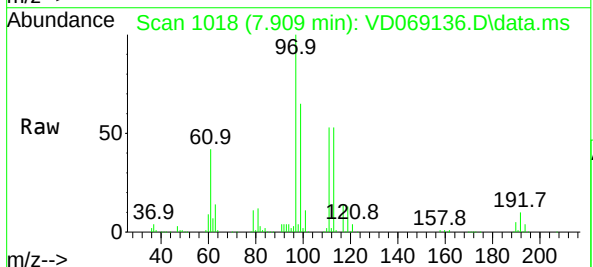
#31
Cyclohexane
Concen: 92.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



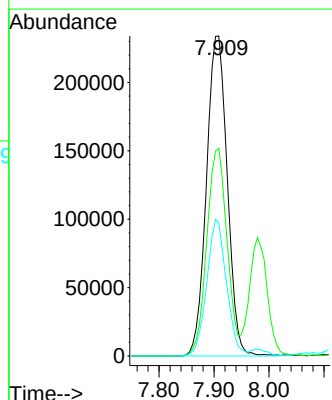
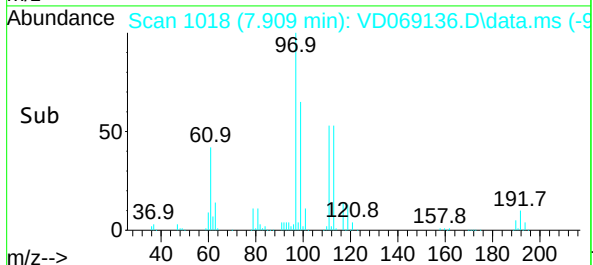
Tgt Ion: 56 Resp: 460769
Ion Ratio Lower Upper
56 100
69 35.1 30.6 46.0
84 101.3 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 94.58 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



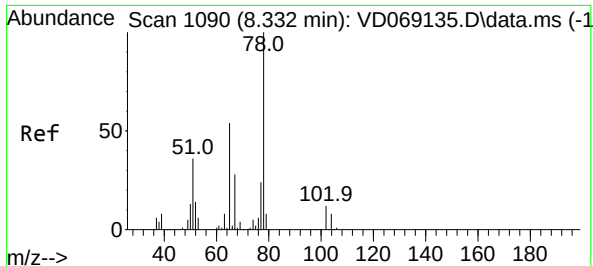
Tgt Ion: 97 Resp: 615860
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 40.4 32.5 48.7



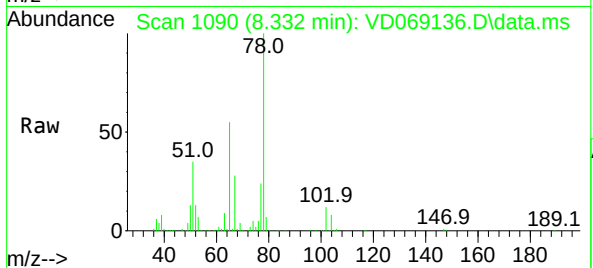
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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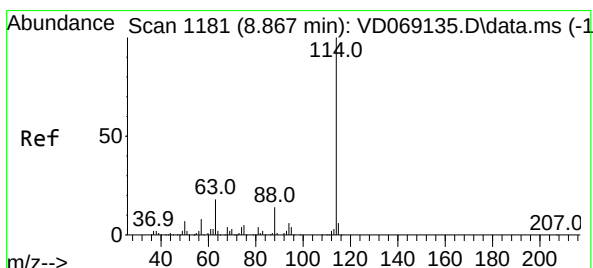
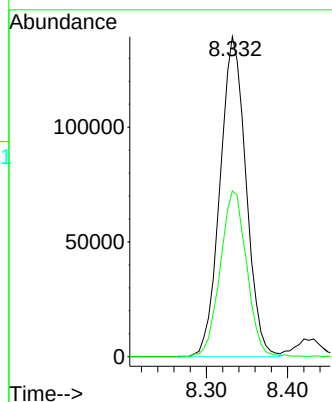
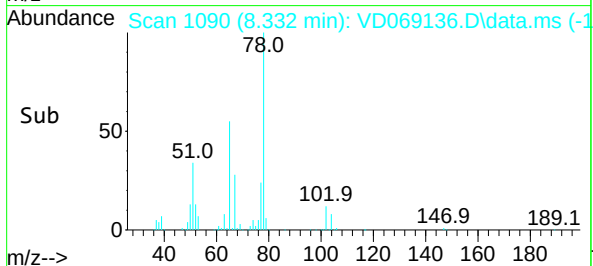
MMDadoda
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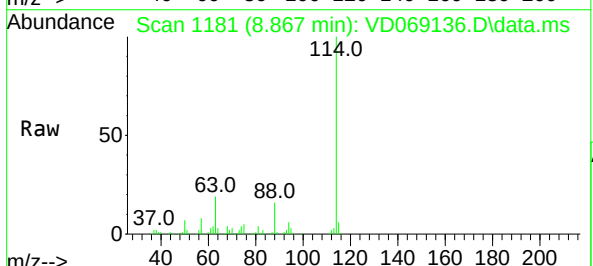
#33
1,2-Dichloroethane-d4
Concen: 91.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



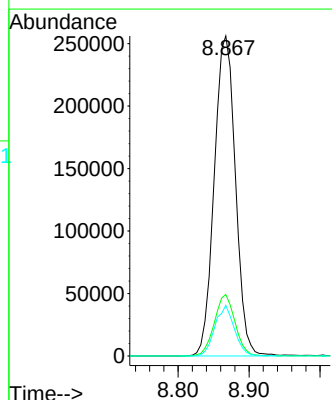
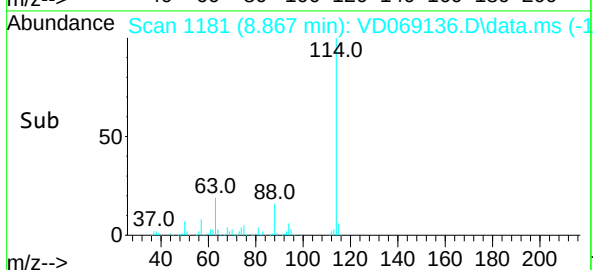
Tgt Ion: 65 Resp: 310079
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



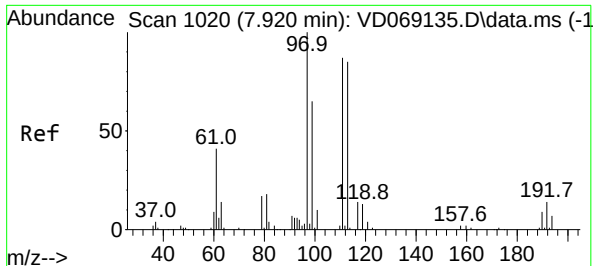
Tgt Ion: 114 Resp: 529912
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.8 0.0 28.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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#35

Dibromofluoromethane

Concen: 96.53 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

Tgt Ion:113 Resp: 332876

Ion Ratio Lower Upper

113 100

111 103.3 80.6 120.8

192 18.8 14.8 22.2

Instrument :

MSVOA_D

ClientSampleId :

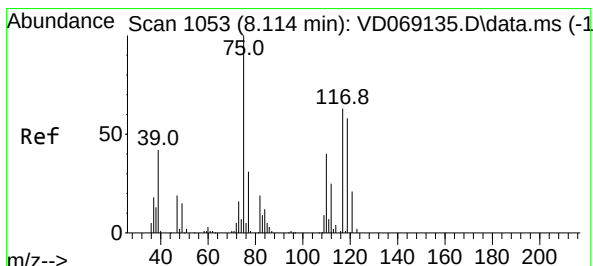
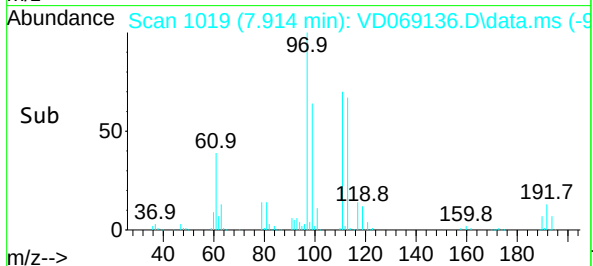
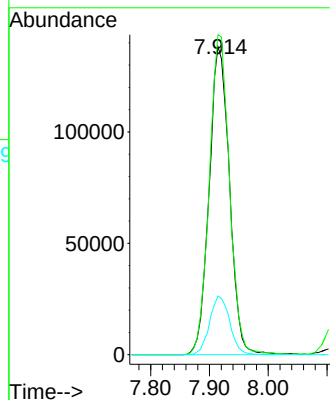
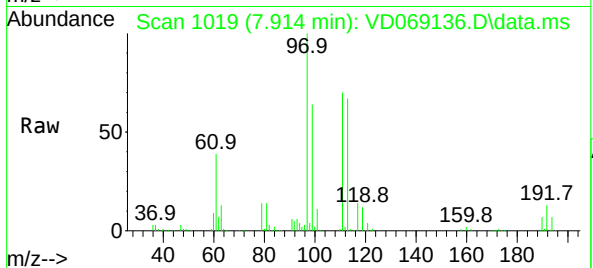
VSTDIC100

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 101.57 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

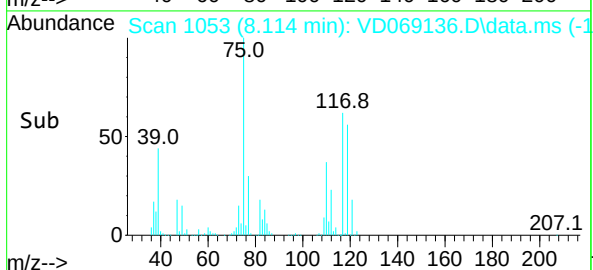
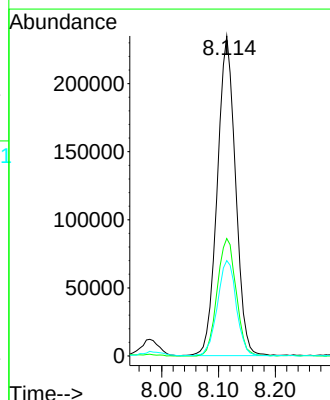
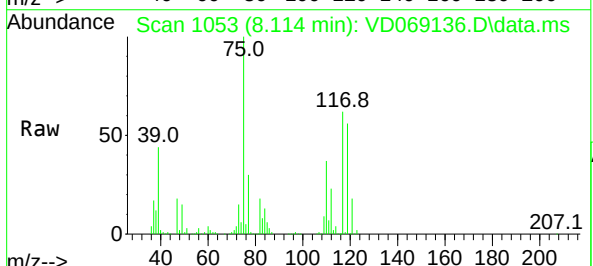
Tgt Ion: 75 Resp: 523246

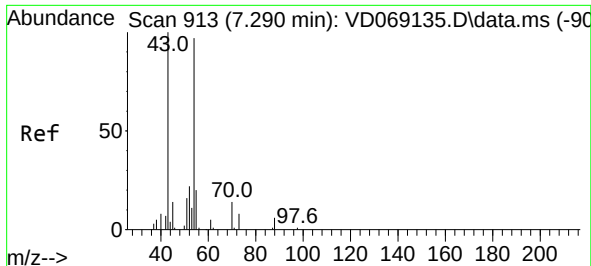
Ion Ratio Lower Upper

75 100

110 38.1 18.8 56.4

77 31.1 25.2 37.8





#37

Ethyl Acetate

Concen: 93.09 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069136.D

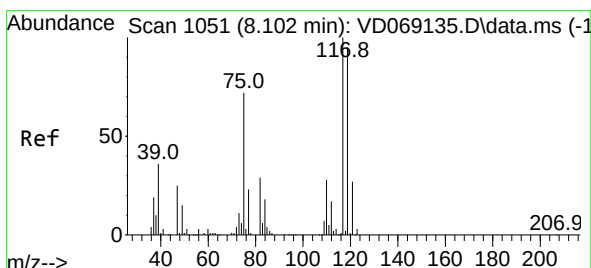
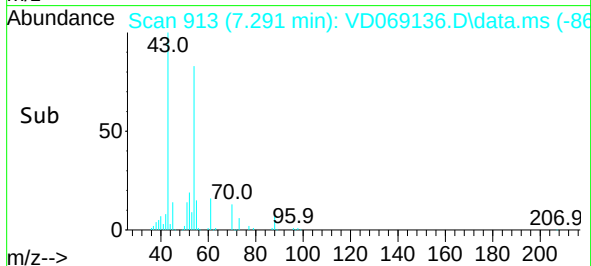
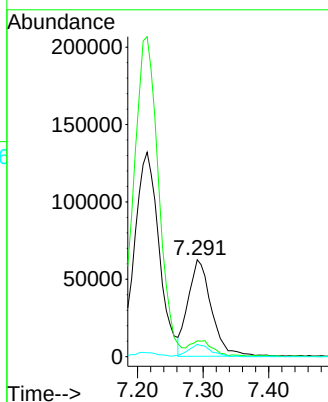
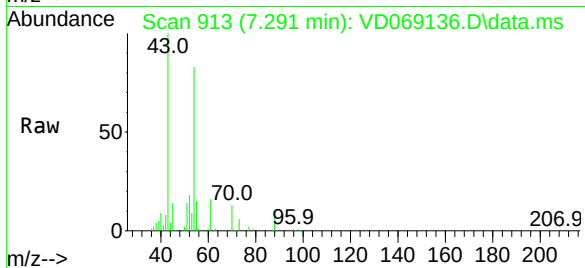
Acq: 12 May 2021 13:28

Tgt Ion:	43	Resp:	154092
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.5	17.3
70	12.1	10.4	15.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 97.62 ug/l

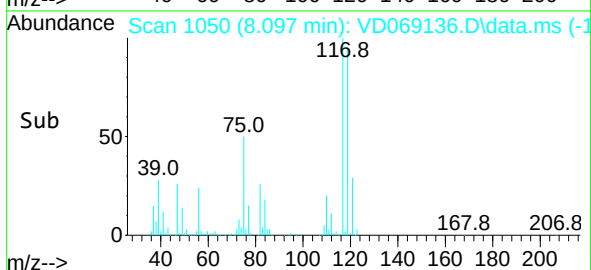
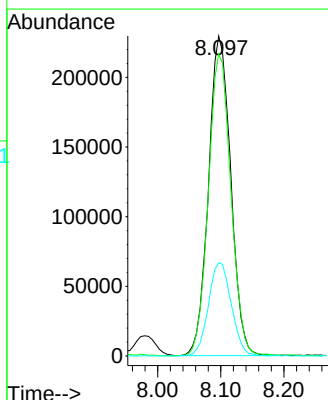
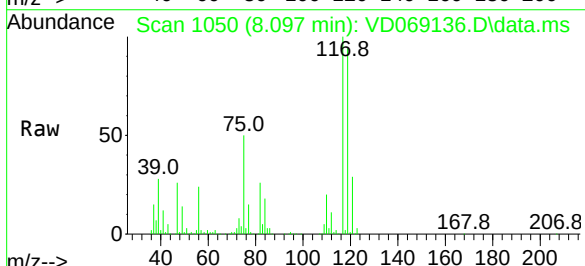
RT: 8.097 min Scan# 1050

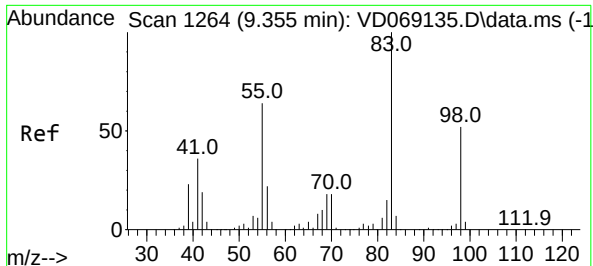
Delta R.T. -0.005 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

Tgt Ion:	117	Resp:	562217
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.2	114.2
121	29.1	21.9	32.9





#39

Methylcyclohexane

Concen: 107.96 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

Tgt Ion:	83	Resp:	586640
Ion	Ratio	Lower	Upper
83	100		
55	66.3	51.2	76.8
98	51.6	41.4	62.2

Instrument :

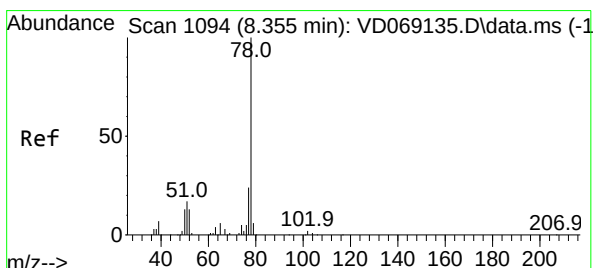
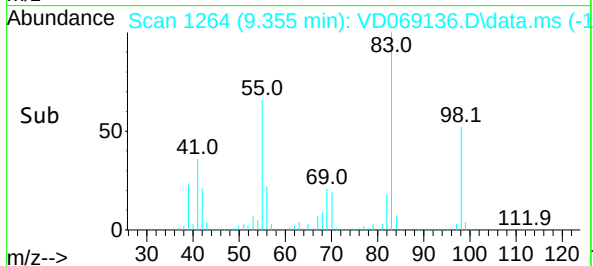
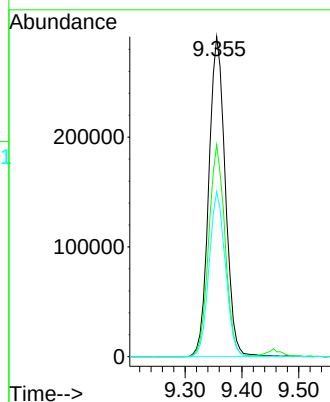
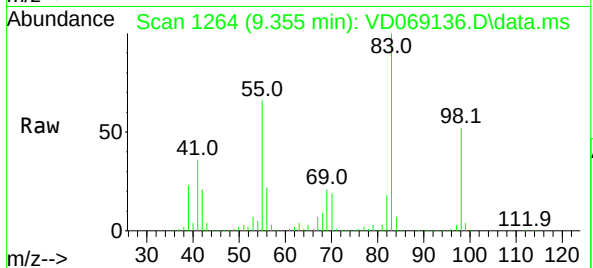
MSVOA_D

ClientSampleId :

VSTDIC100

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#40

Benzene

Concen: 99.76 ug/l

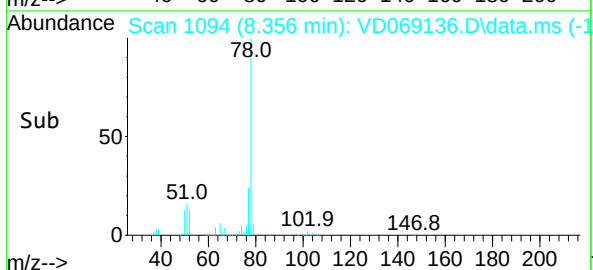
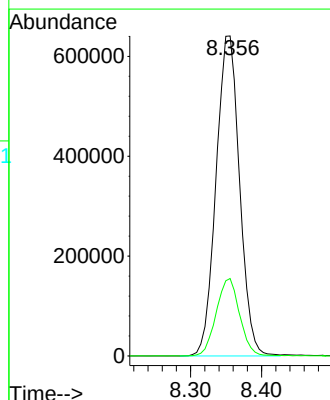
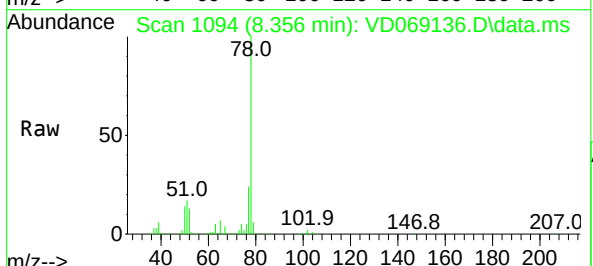
RT: 8.356 min Scan# 1094

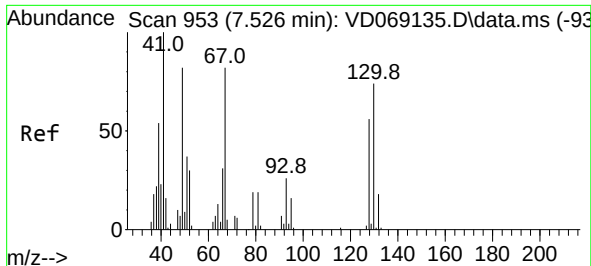
Delta R.T. 0.000 min

Lab File: VD069136.D

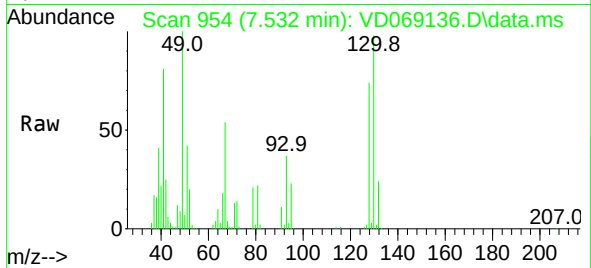
Acq: 12 May 2021 13:28

Tgt Ion:	78	Resp:	1472294
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

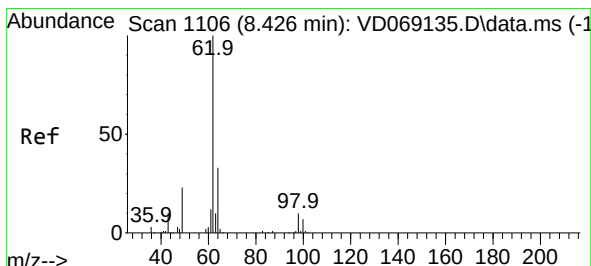
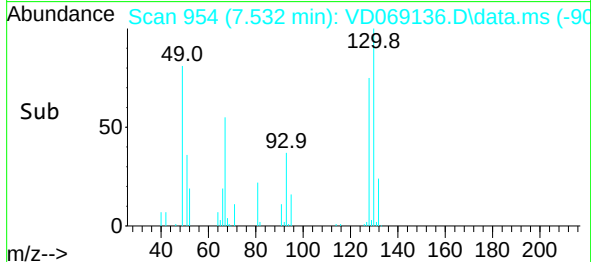
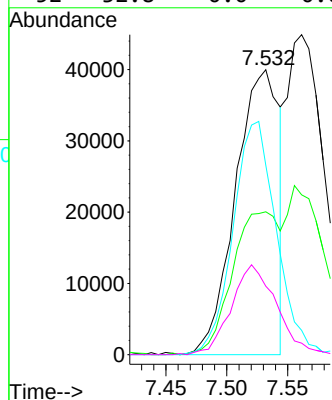




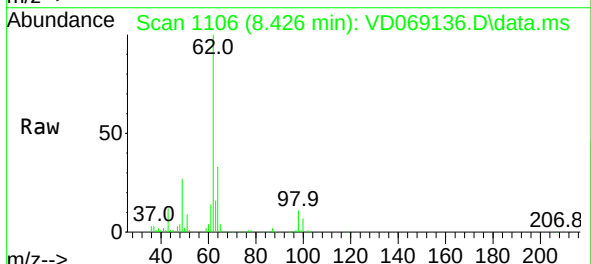
#41
Methacrylonitrile
Concen: 122.39 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



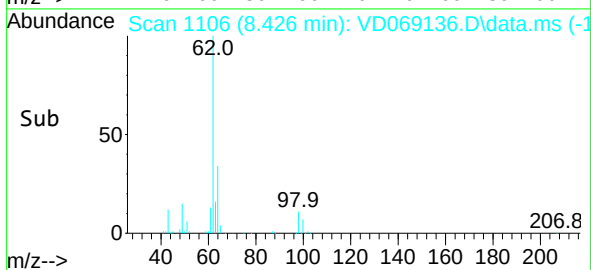
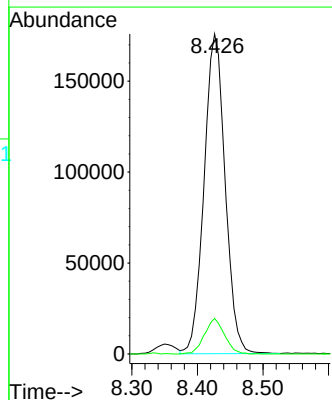
Tgt Ion:	41	Resp:	99705
Ion Ratio	100	Lower	Upper
39	54.1	58.0	87.0#
67	81.4	0.0	0.0#
52	32.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 97.51 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



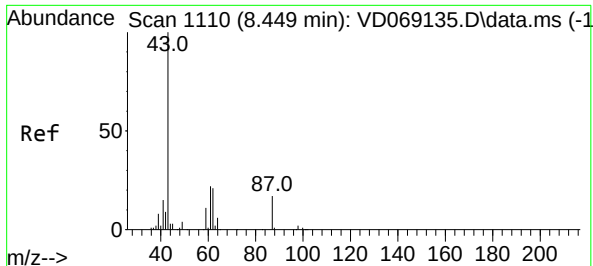
Tgt Ion:	62	Resp:	392911
Ion Ratio	100	Lower	Upper
98	10.5	0.0	20.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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#43

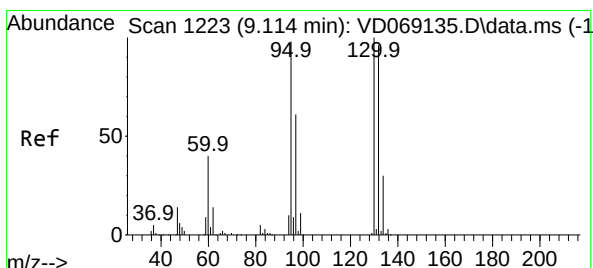
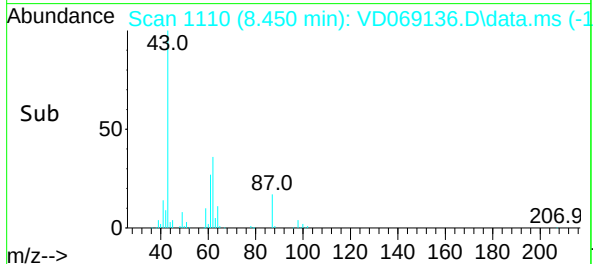
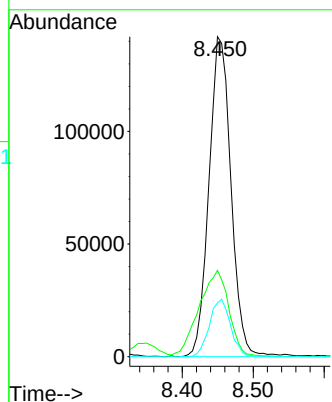
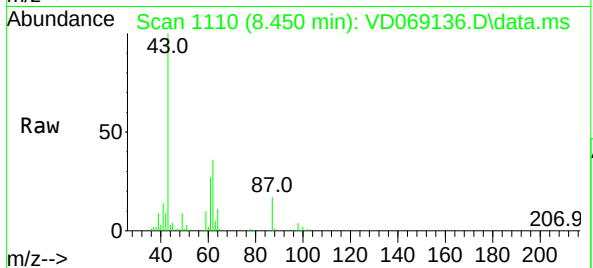
Isopropyl Acetate
Concen: 101.74 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	36.8	28.6	42.8
87	17.3	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

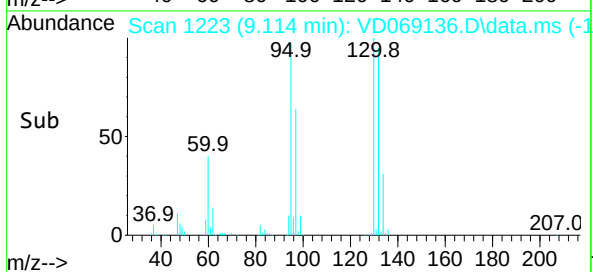
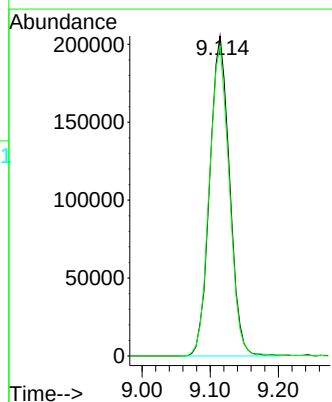
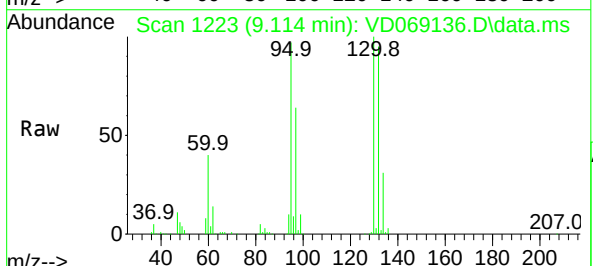
MMDadoda
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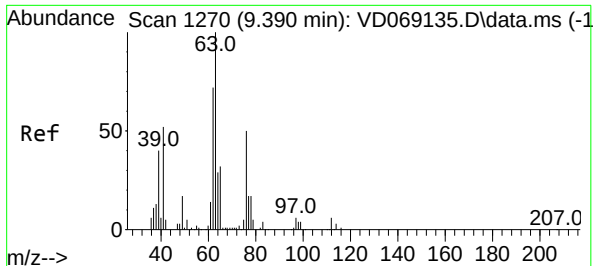


#44

Trichloroethene
Concen: 100.64 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	196.2

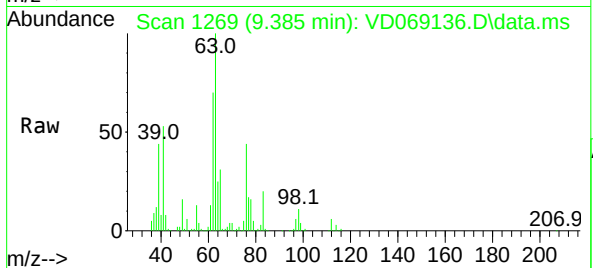




#45

1,2-Dichloropropane
Concen: 97.61 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

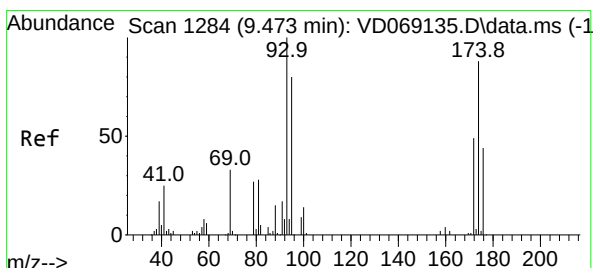
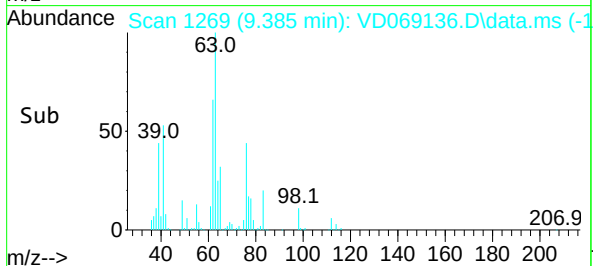
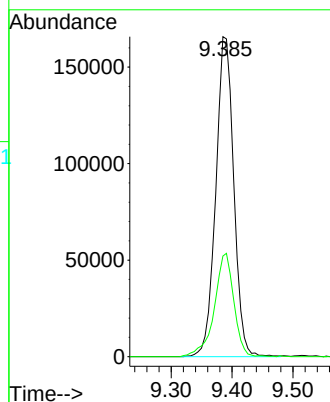
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 339985
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9

Manual Integrations
APPROVED

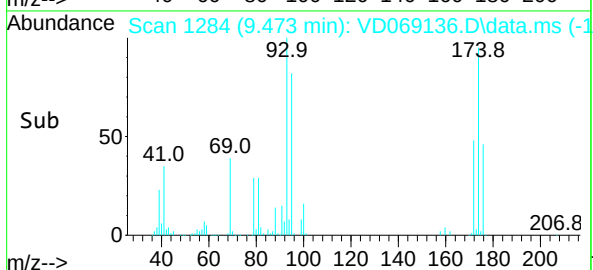
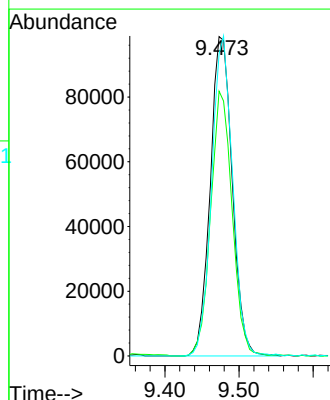
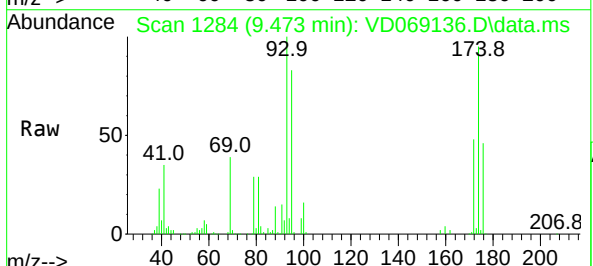
MMDadoda
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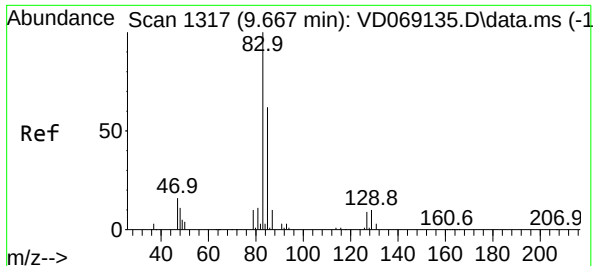


#46

Dibromomethane
Concen: 97.76 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

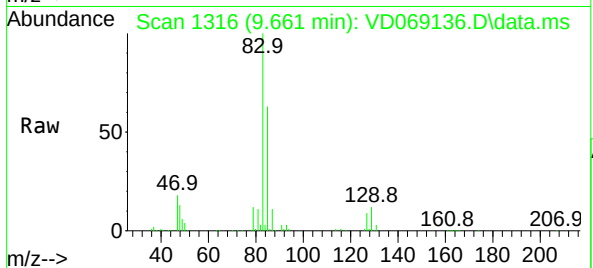
Tgt Ion: 93 Resp: 203563
Ion Ratio Lower Upper
93 100
95 80.8 65.9 98.9
174 95.4 76.6 115.0





#47
Bromodichloromethane
Concen: 97.26 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

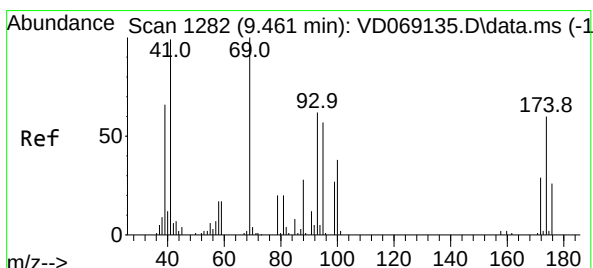
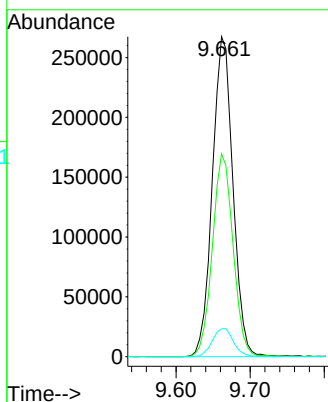
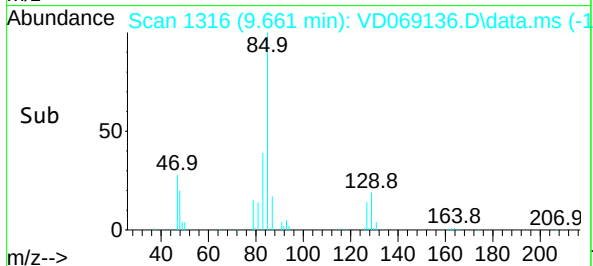
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



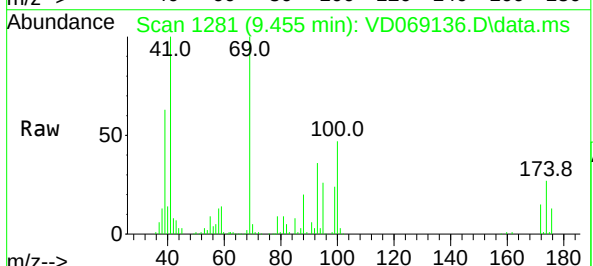
Tgt Ion: 83 Resp: 515345
Ion Ratio Lower Upper
83 100
85 63.4 50.0 75.0
127 8.7 7.1 10.7

Manual Integrations
APPROVED

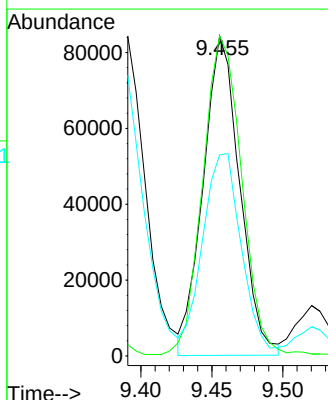
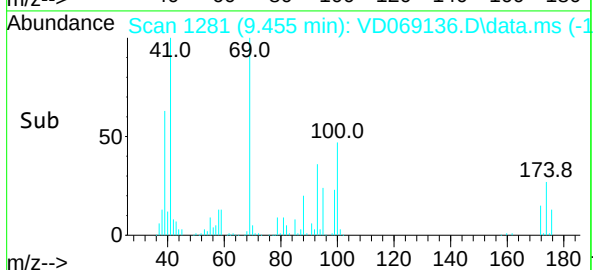
MMDadoda
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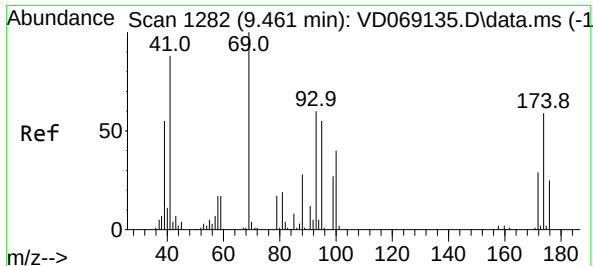


#48
Methyl methacrylate
Concen: 108.02 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion: 41 Resp: 150153
Ion Ratio Lower Upper
41 100
69 106.9 88.0 132.0
39 61.7 51.4 77.0





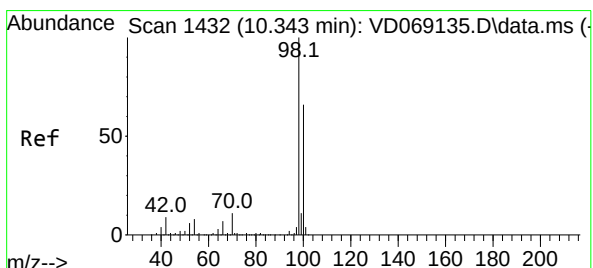
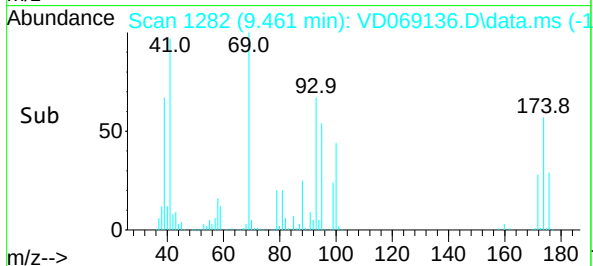
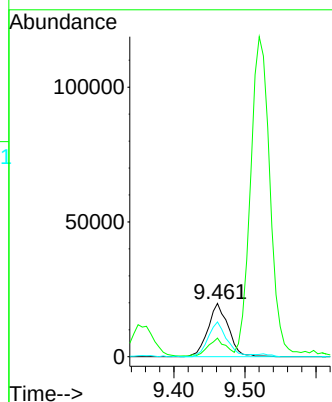
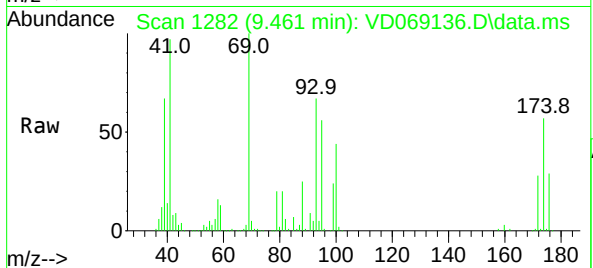
#49
1,4-Dioxane
Concen: 2005.78 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 88 Resp: 39279
Ion Ratio Lower Upper
88 100
43 29.0 26.7 40.1
58 59.8 45.8 68.6

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

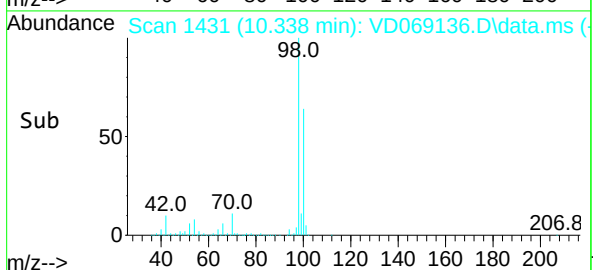
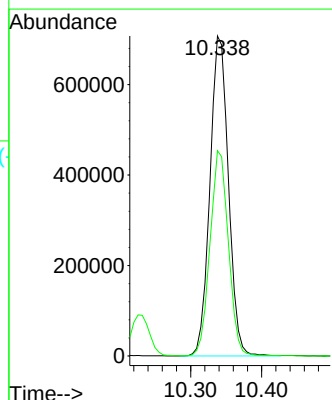
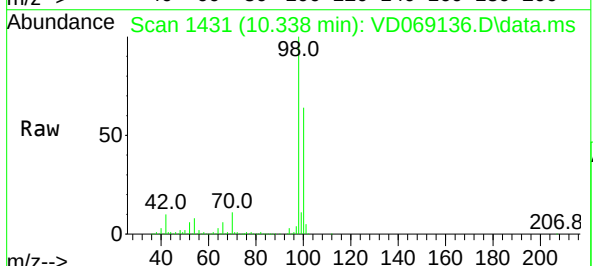
Manual Integrations
APPROVED

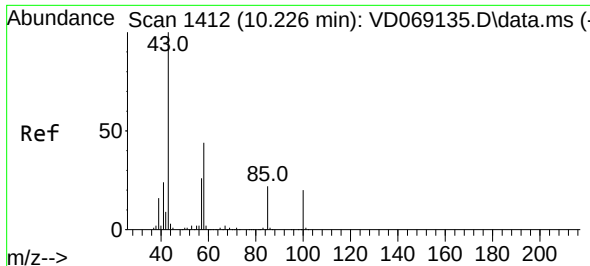
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#50
Toluene-d8
Concen: 100.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 98 Resp: 1278478
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8





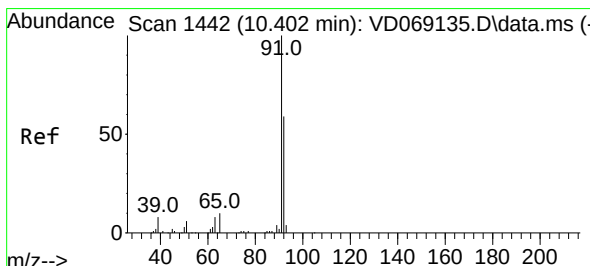
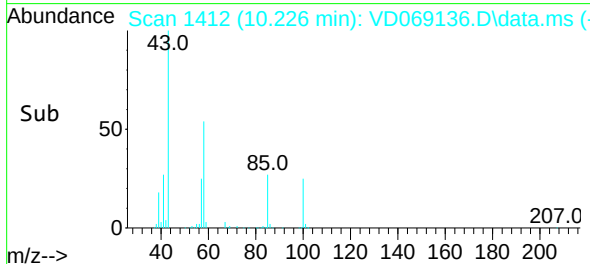
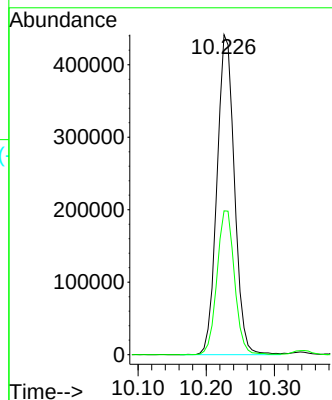
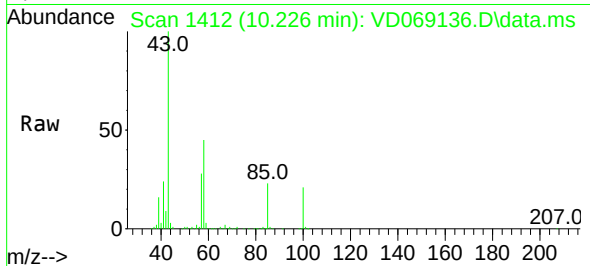
#51
4-Methyl-2-Pentanone
Concen: 508.91 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 43 Resp: 787020
Ion Ratio Lower Upper
43 100
58 45.3 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

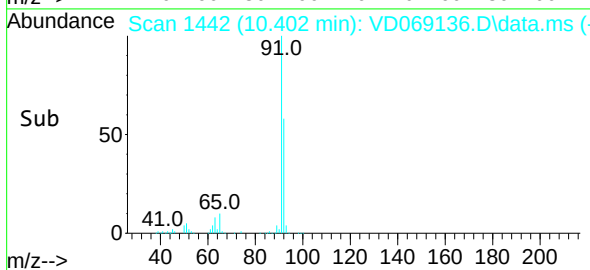
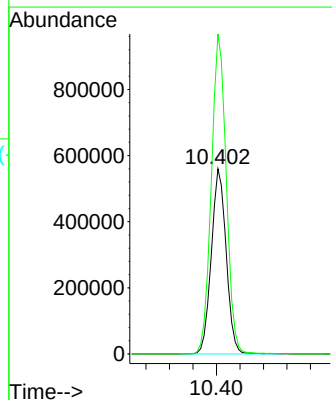
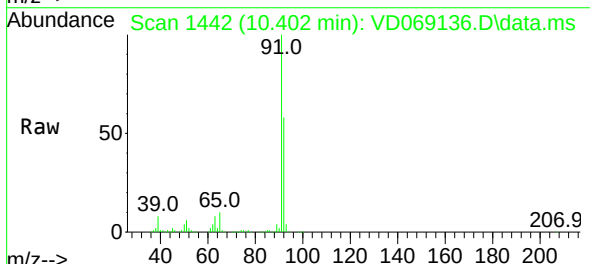
Manual Integrations
APPROVED

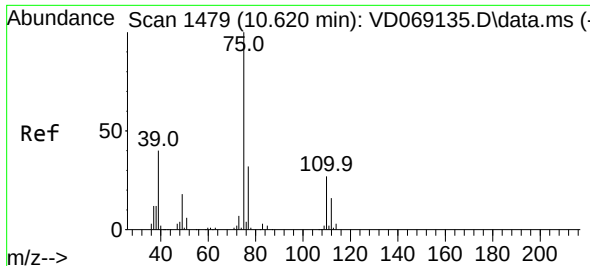
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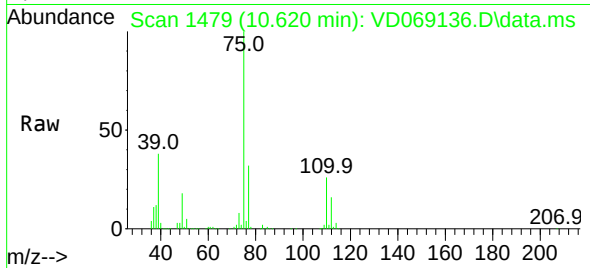
#52
Toluene
Concen: 102.97 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 92 Resp: 980674
Ion Ratio Lower Upper
92 100
91 174.0 136.2 204.2

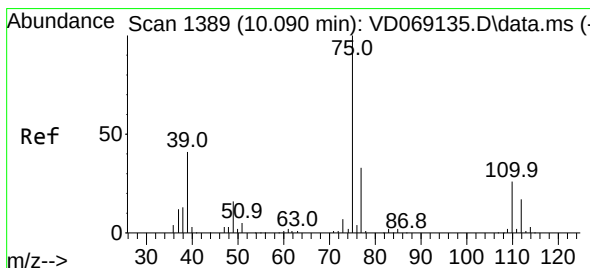
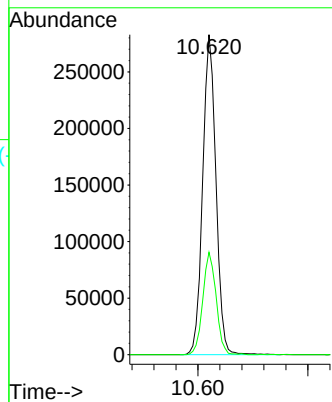
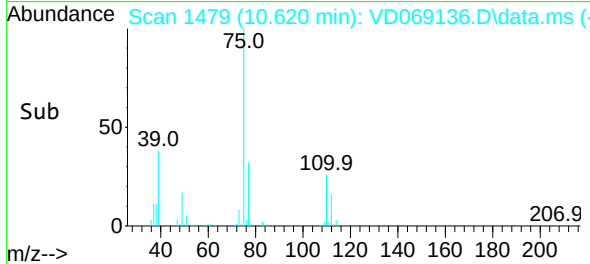




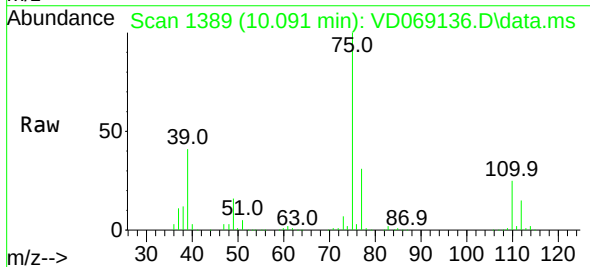
#53
t-1,3-Dichloropropene
Concen: 101.77 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



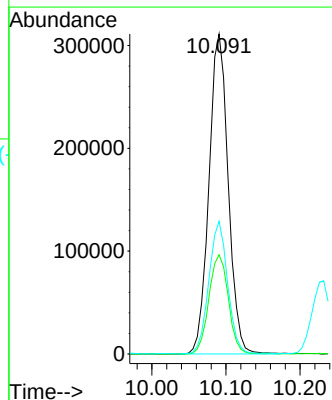
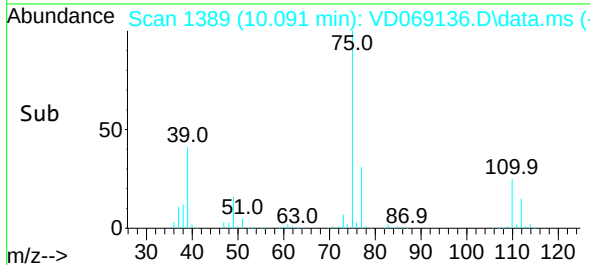
Tgt Ion: 75 Resp: 473843
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 100.93 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



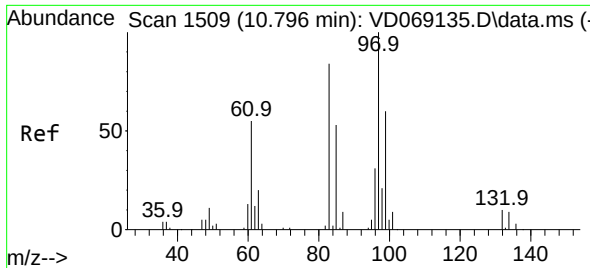
Tgt Ion: 75 Resp: 561743
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4
39 41.4 32.9 49.3



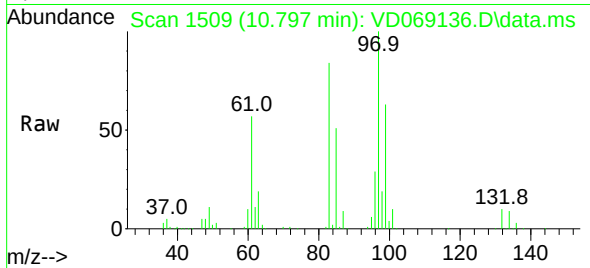
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

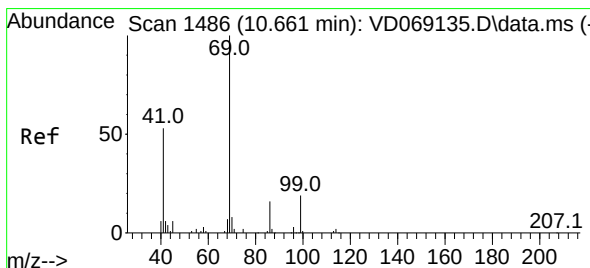
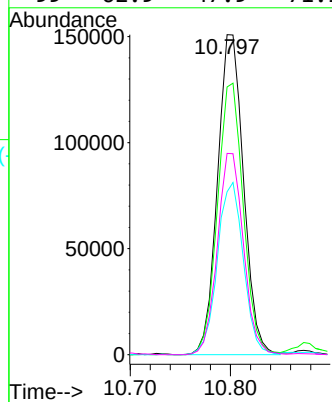
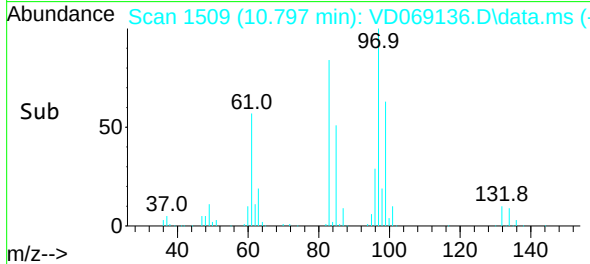
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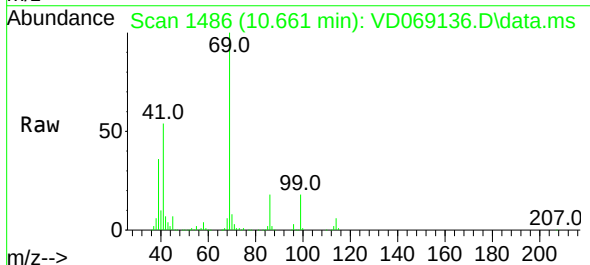
#55
1,1,2-Trichloroethane
Concen: 96.68 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



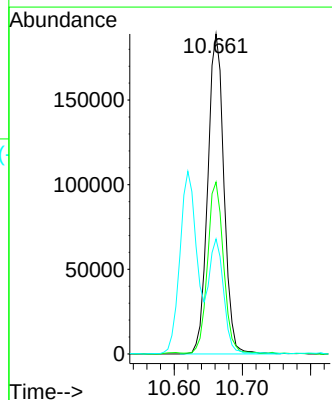
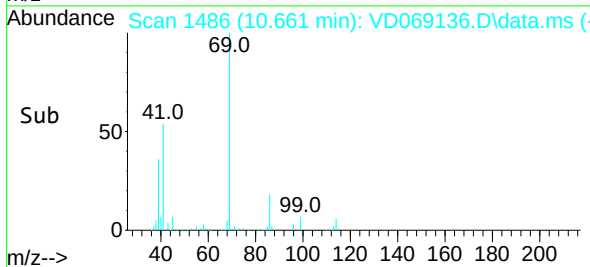
Tgt Ion:	97	Resp:	271327
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.9	100.3
85	50.9	42.2	63.4
99	62.9	47.9	71.9



#56
Ethyl methacrylate
Concen: 111.20 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



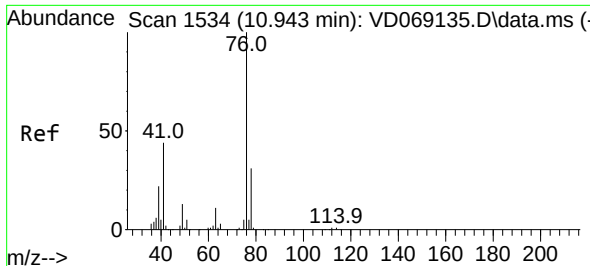
Tgt Ion:	69	Resp:	311588
Ion	Ratio	Lower	Upper
69	100		
41	52.5	42.2	63.2
39	31.9	26.3	39.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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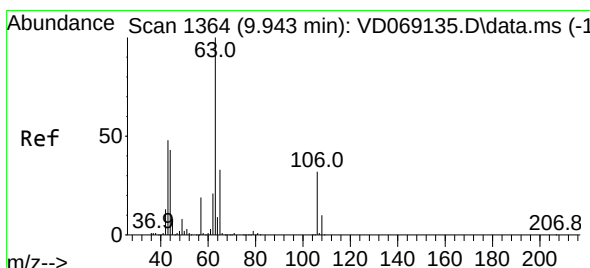
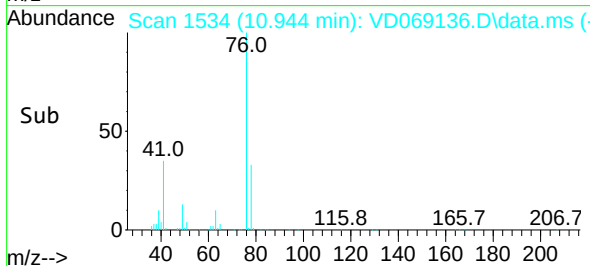
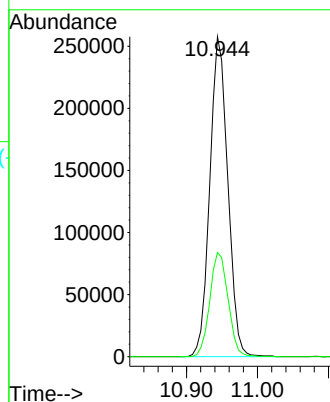
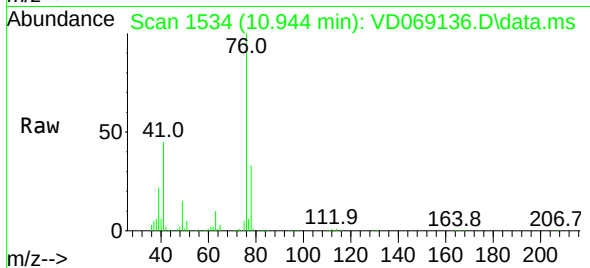
#57
1,3-Dichloropropane
Concen: 99.99 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 76 Resp: 453511
Ion Ratio Lower Upper
76 100
78 33.1 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

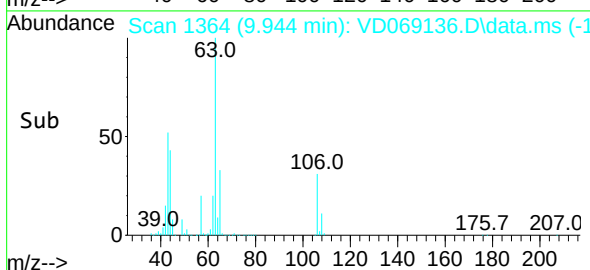
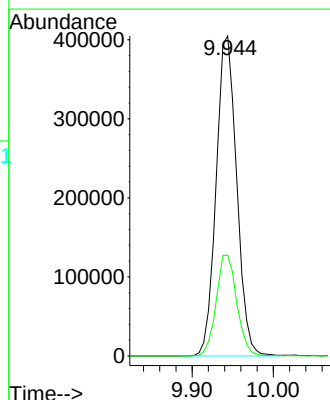
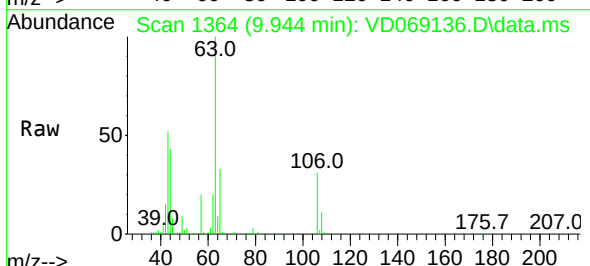
Manual Integrations
APPROVED

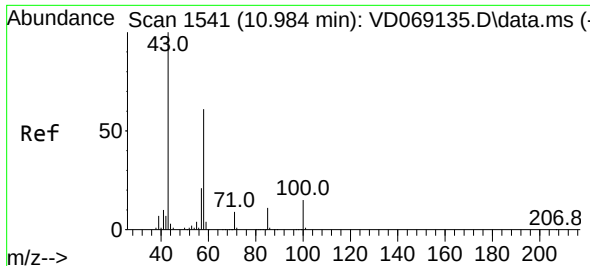
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#58
2-Chloroethyl Vinyl ether
Concen: 512.45 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

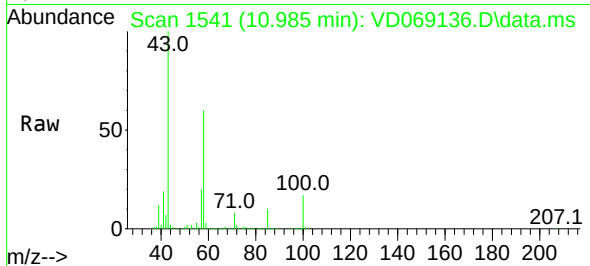
Tgt Ion: 63 Resp: 711953
Ion Ratio Lower Upper
63 100
106 31.8 25.3 37.9





#59
2-Hexanone
Concen: 526.72 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

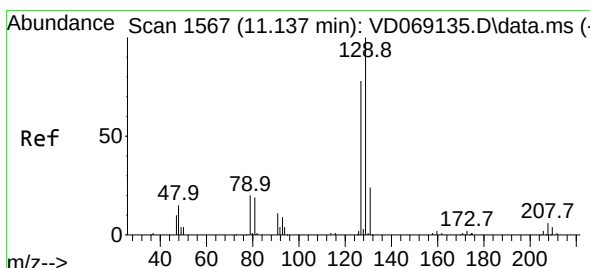
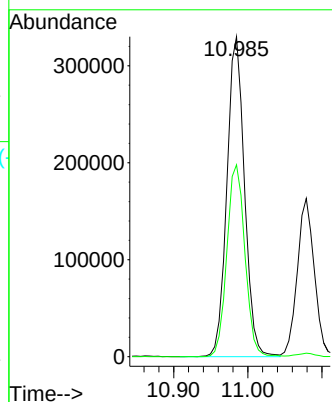
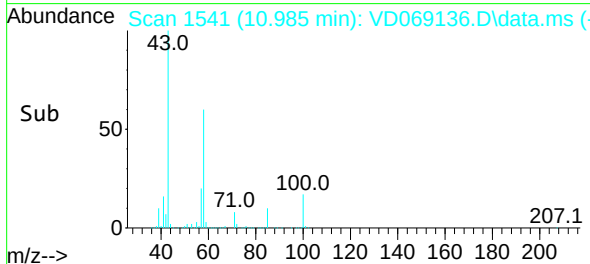
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



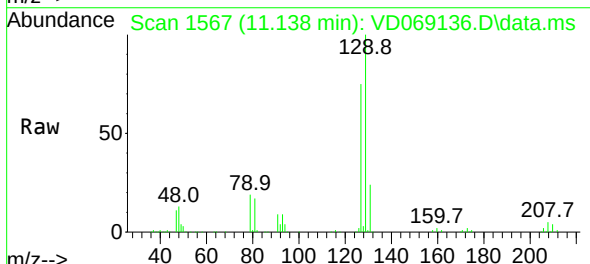
Tgt Ion: 43 Resp: 543564
Ion Ratio Lower Upper
43 100
58 61.5 31.1 93.5

Manual Integrations
APPROVED

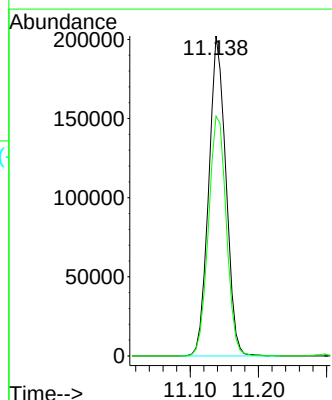
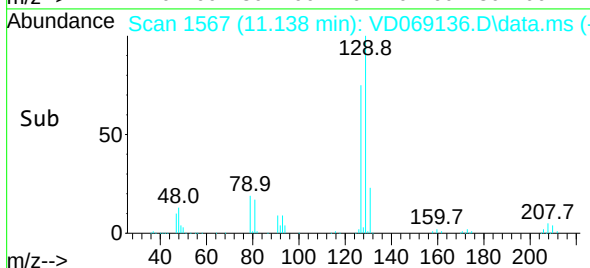
MMDadoda
5/13/2021 4:05:50 PM

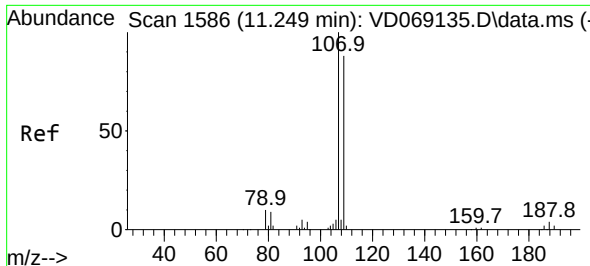


#60
Dibromochloromethane
Concen: 98.21 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



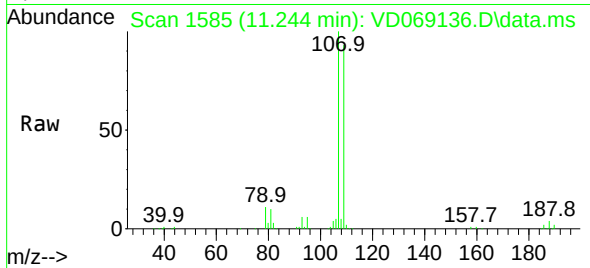
Tgt Ion: 129 Resp: 353975
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 95.50 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

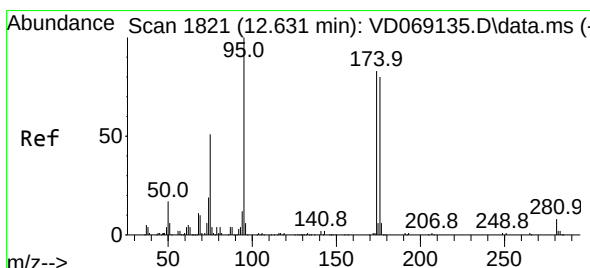
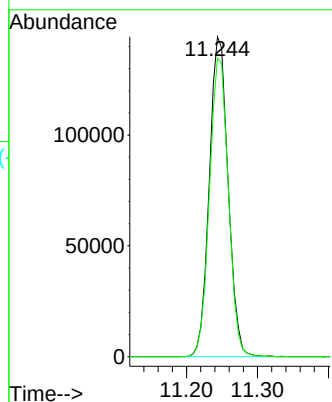
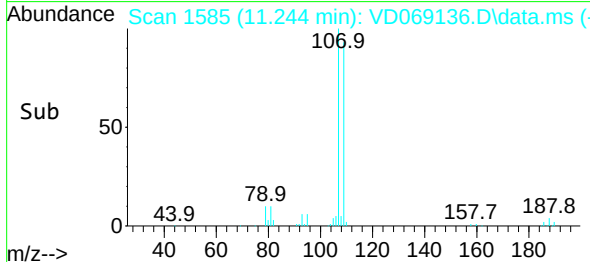
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



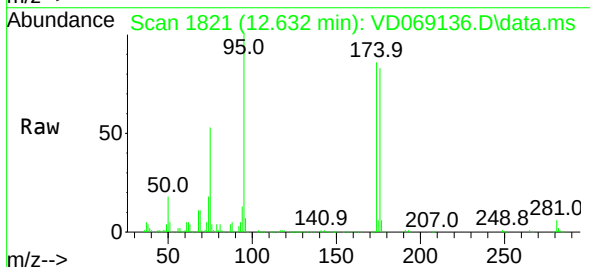
Tgt Ion:107 Resp: 264893
Ion Ratio Lower Upper
107 100
109 94.0 73.6 110.4

Manual Integrations
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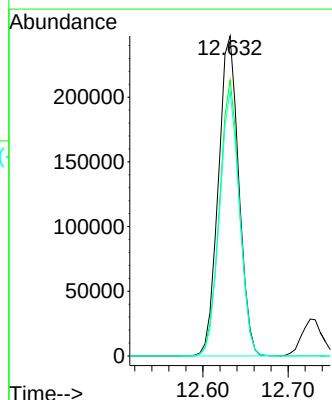
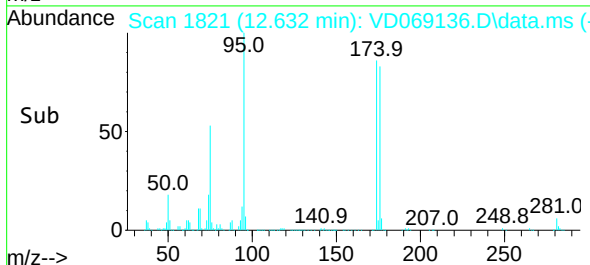
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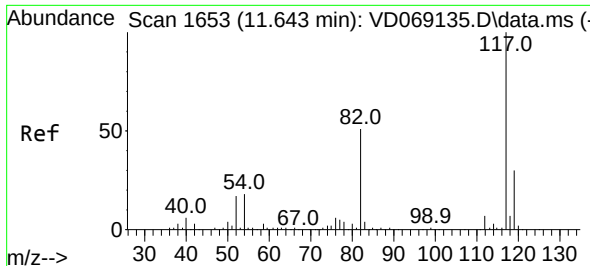


#62
4-Bromofluorobenzene
Concen: 100.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion: 95 Resp: 411718
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.8
176 80.9 0.0 165.4





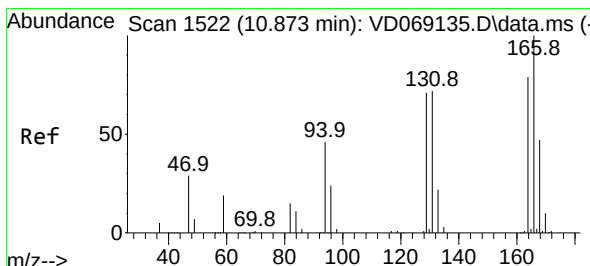
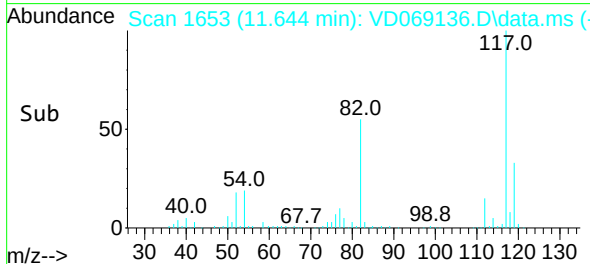
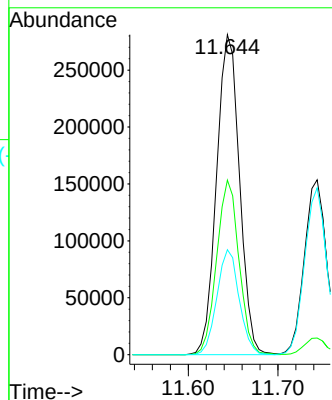
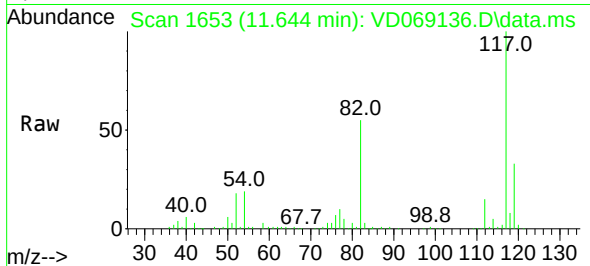
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:117 Resp: 500133
Ion Ratio Lower Upper
117 100
82 54.6 40.5 60.7
119 32.8 24.2 36.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

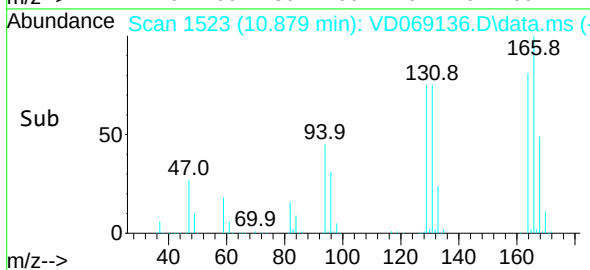
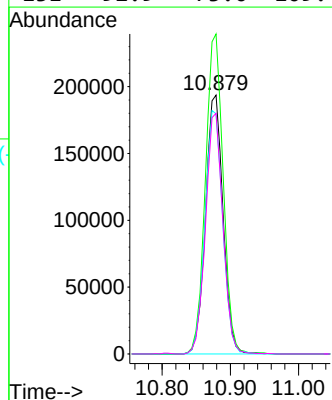
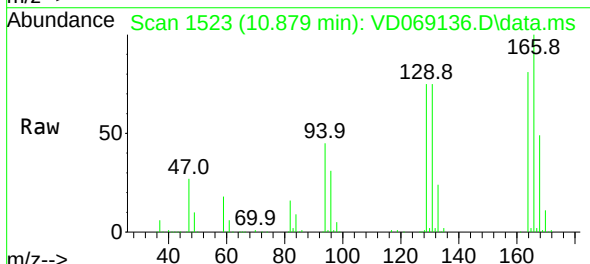
Manual Integrations
APPROVED

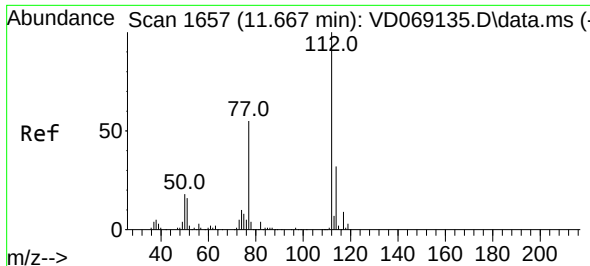
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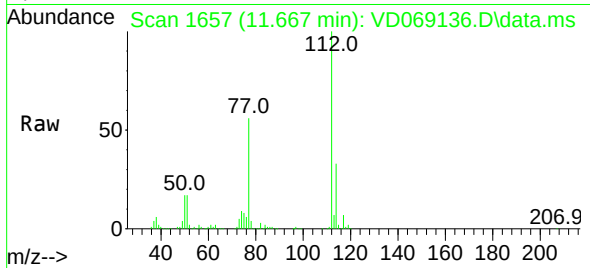
#64
Tetrachloroethene
Concen: 99.75 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:164 Resp: 346732
Ion Ratio Lower Upper
164 100
166 123.6 101.7 152.5
129 92.7 72.6 109.0
131 92.9 73.0 109.4

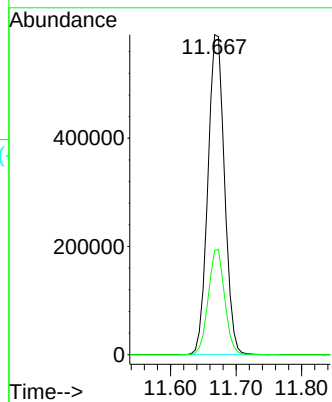
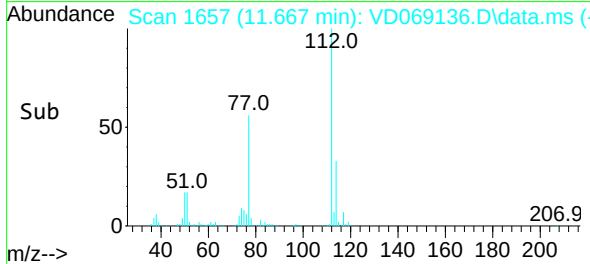




#65
Chlorobenzene
Concen: 100.57 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



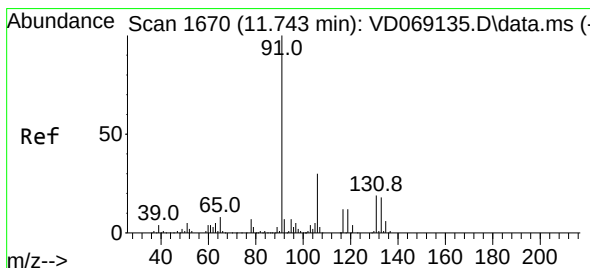
Tgt Ion:112 Resp: 1042449
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



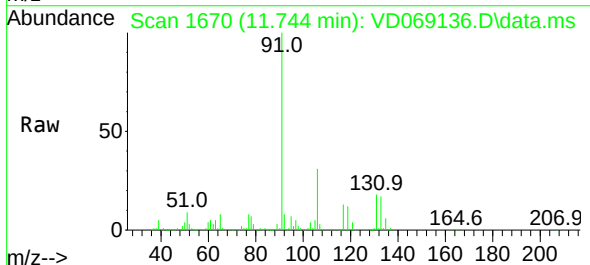
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

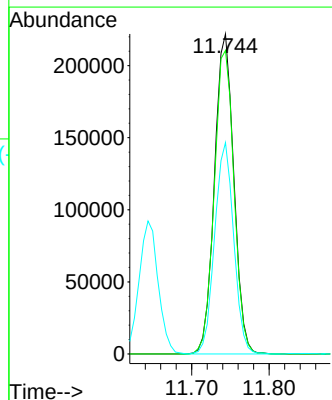
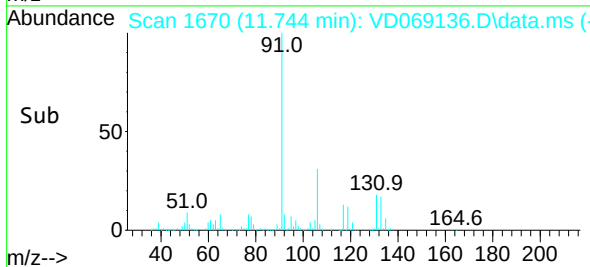
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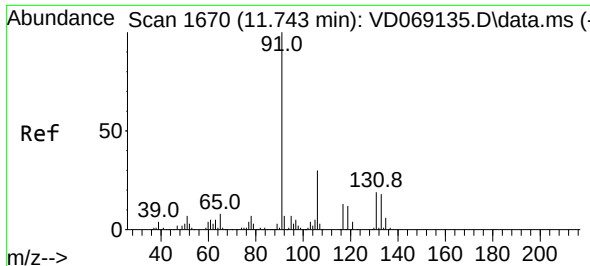


#66
1,1,1,2-Tetrachloroethane
Concen: 98.68 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion:131 Resp: 385749
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.5
119 65.1 32.1 96.5





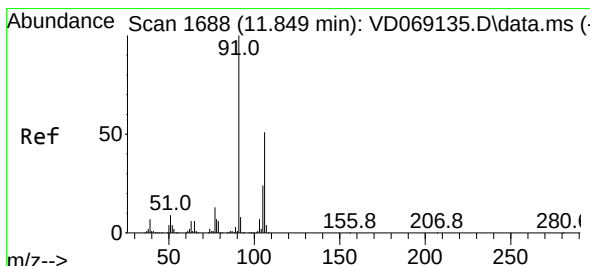
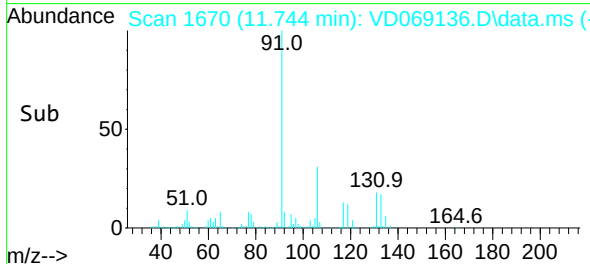
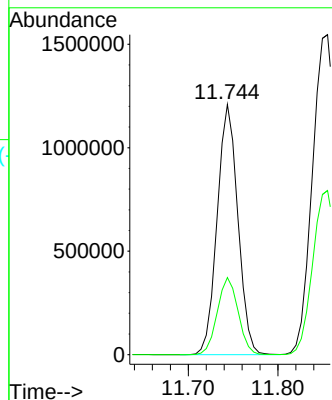
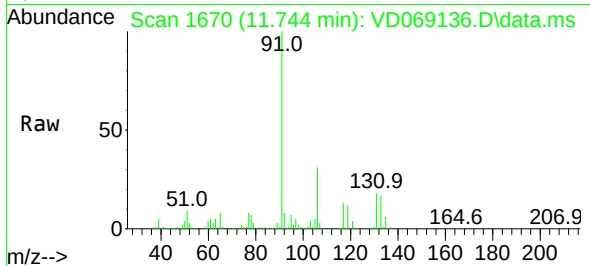
#67
Ethyl Benzene
Concen: 108.50 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 91 Resp: 1935658
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

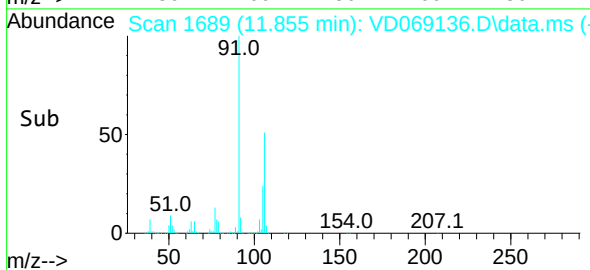
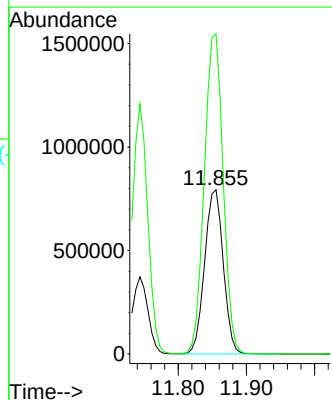
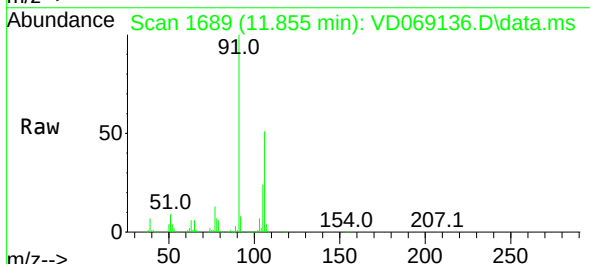
Manual Integrations
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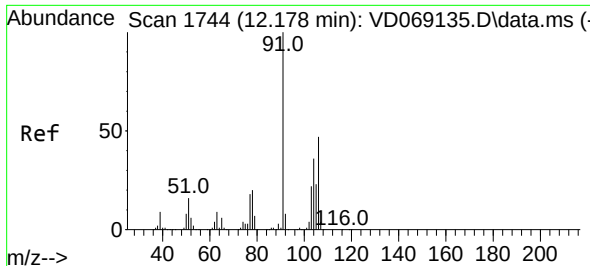
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#68
m/p-Xylenes
Concen: 215.92 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:106 Resp: 1509459
Ion Ratio Lower Upper
106 100
91 197.0 157.3 235.9





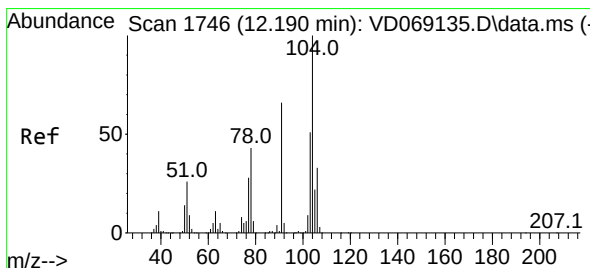
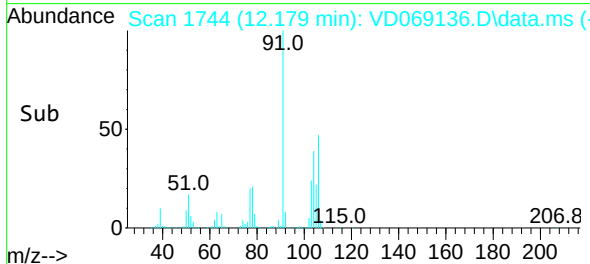
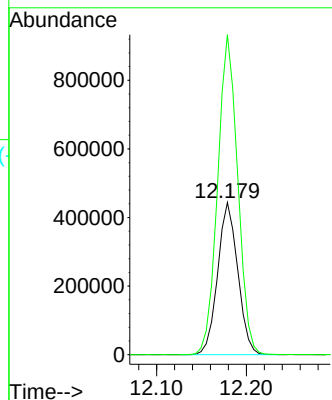
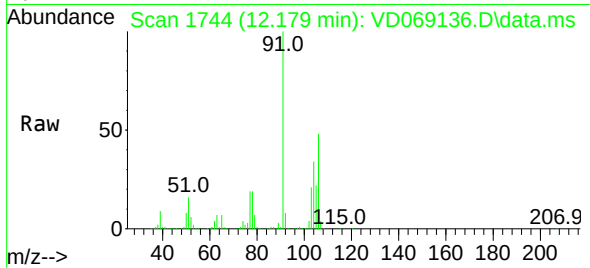
#69
o-Xylene
Concen: 110.95 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:106 Resp: 689785
Ion Ratio Lower Upper
106 100
91 209.8 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

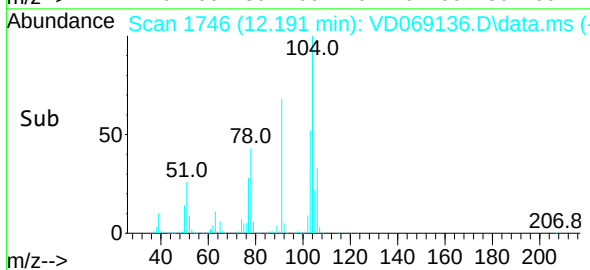
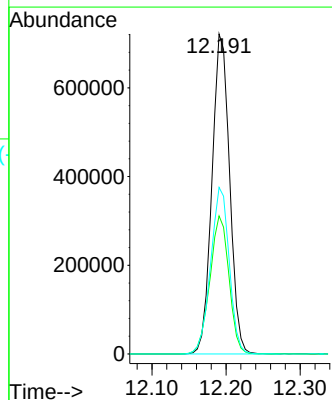
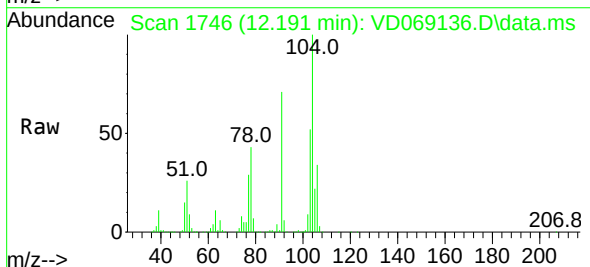
Manual Integrations
APPROVED

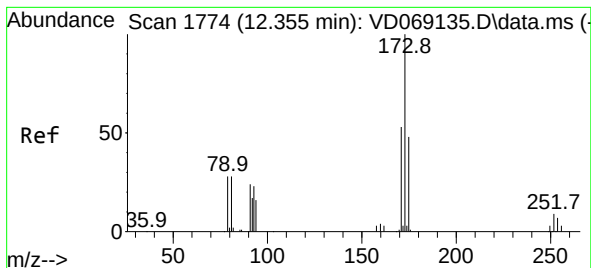
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#70
Styrene
Concen: 109.93 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:104 Resp: 1192994
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 54.8 44.8 67.2





#71

Bromoform

Concen: 98.53 ug/l

RT: 12.361 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VD069136.D

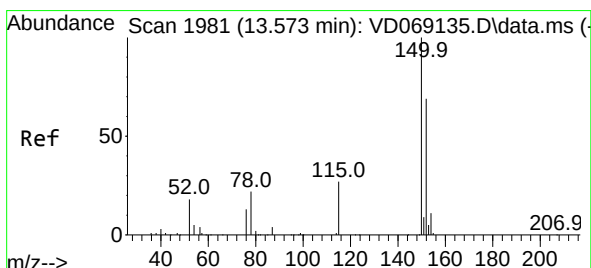
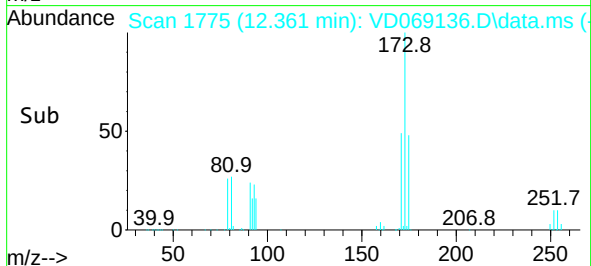
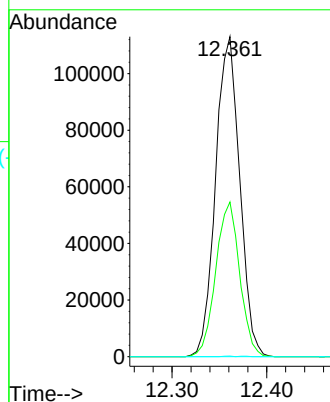
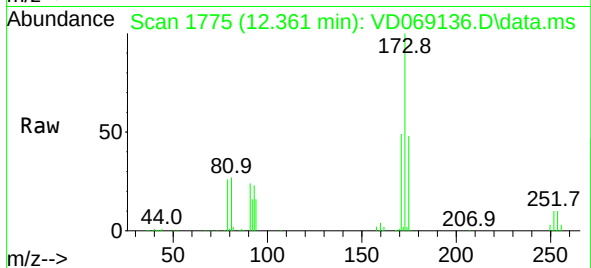
Acq: 12 May 2021 13:28

Tgt Ion:	173	Resp:	200337
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	73.0
254	0.1	0.0	0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

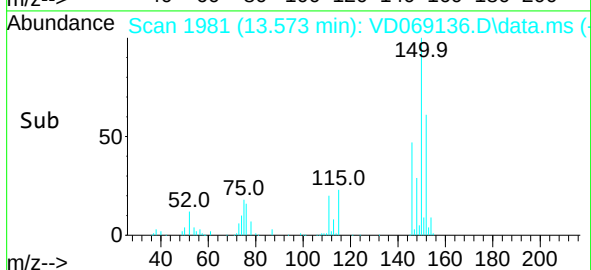
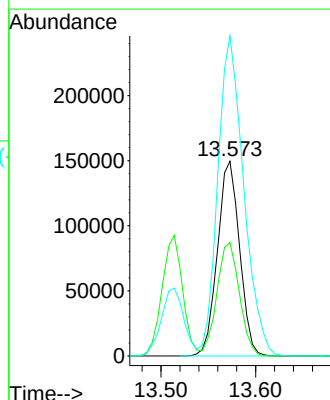
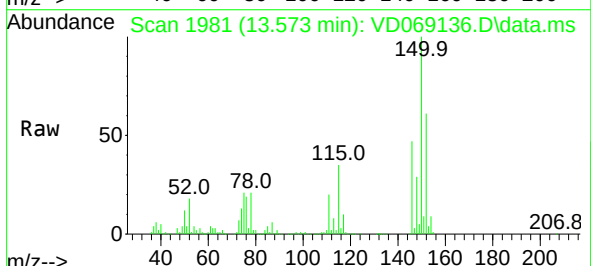
RT: 13.573 min Scan# 1981

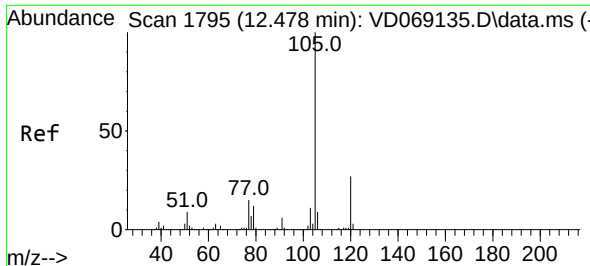
Delta R.T. 0.000 min

Lab File: VD069136.D

Acq: 12 May 2021 13:28

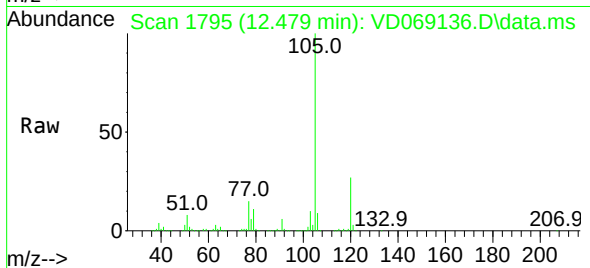
Tgt Ion:	152	Resp:	242882
Ion Ratio	Lower	Upper	
152	100		
115	59.0	29.9	89.8
150	192.2	0.0	350.2





#73
Isopropylbenzene
Concen: 110.02 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

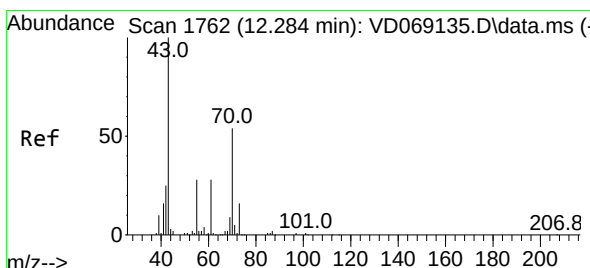
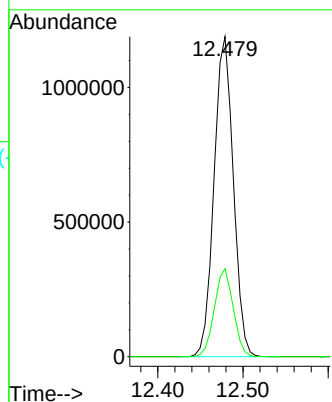
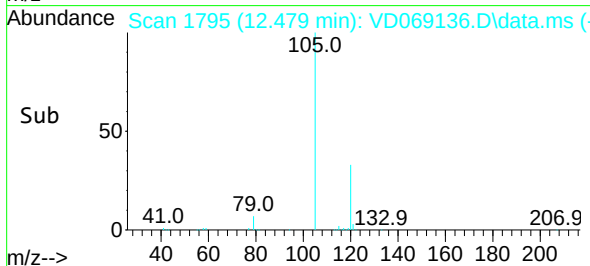
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



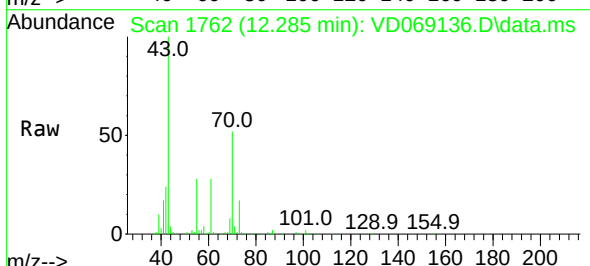
Tgt Ion:105 Resp: 1867740
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

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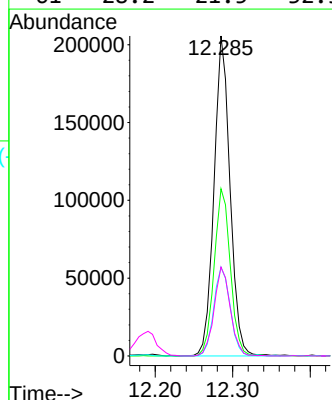
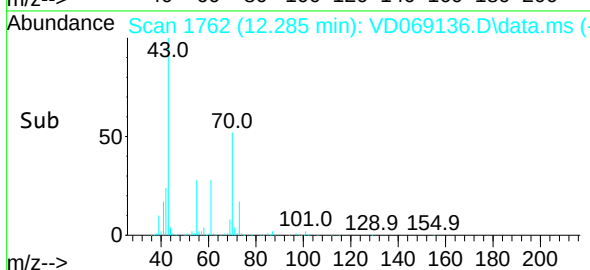
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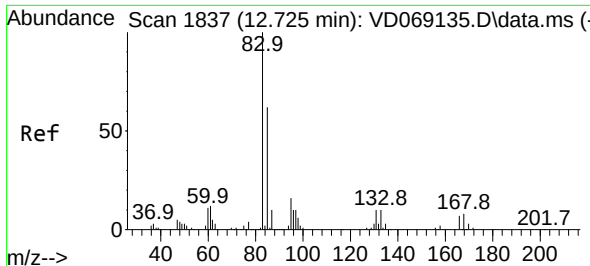


#74
N-ethyl acetate
Concen: 106.31 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



Tgt Ion: 43 Resp: 295151
Ion Ratio Lower Upper
43 100
70 52.9 41.6 62.4
55 28.7 22.6 34.0
61 28.2 21.5 32.3





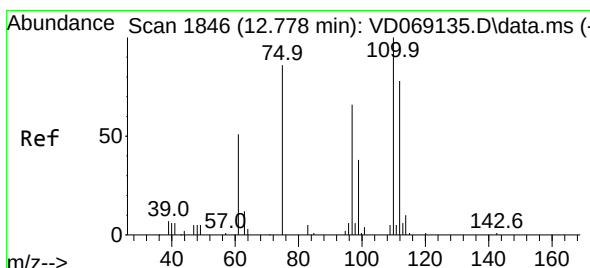
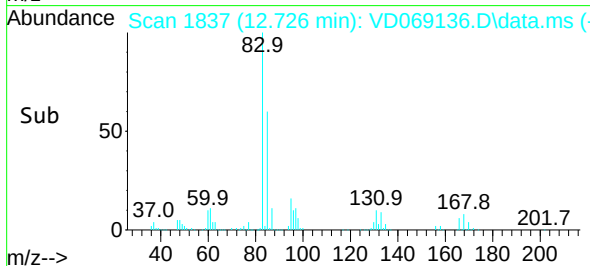
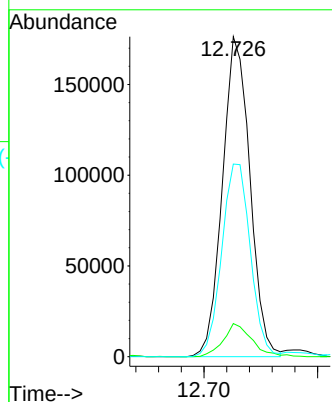
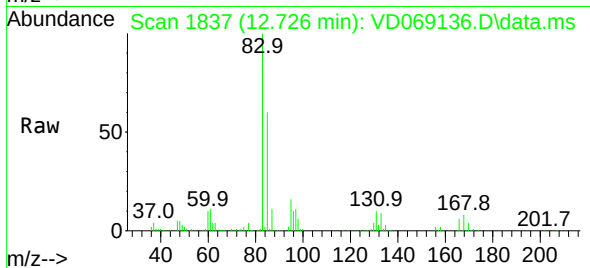
#75
1,1,2,2-Tetrachloroethane
Concen: 96.39 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 83 Resp: 296529
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 62.7 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

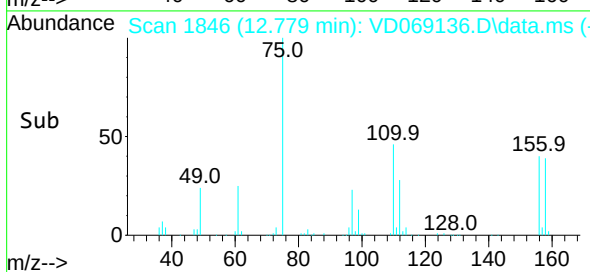
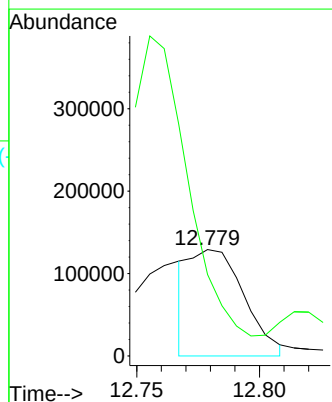
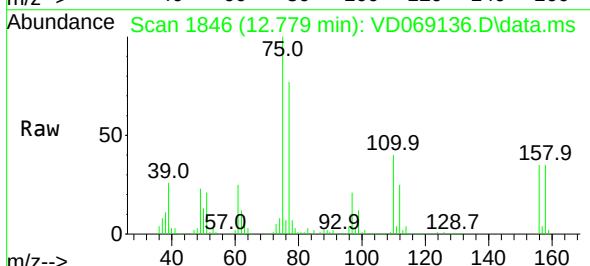
Manual Integrations
APPROVED

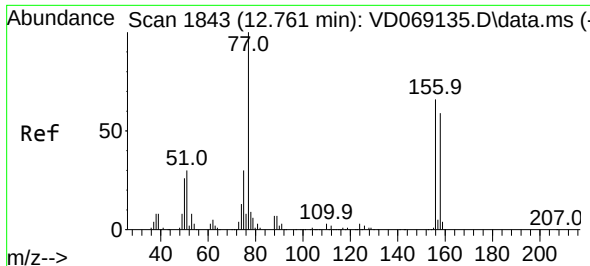
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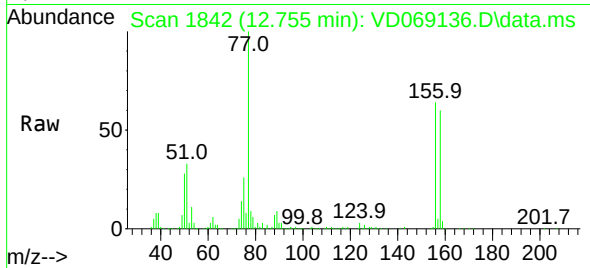
#76
1,2,3-Trichloropropane
Concen: 109.15 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 75 Resp: 198503
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

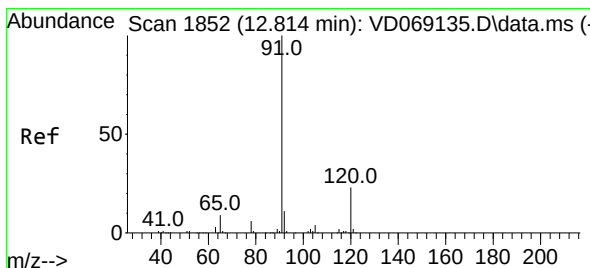
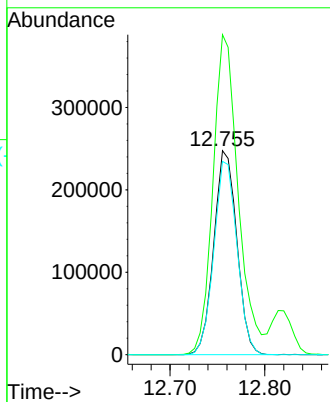
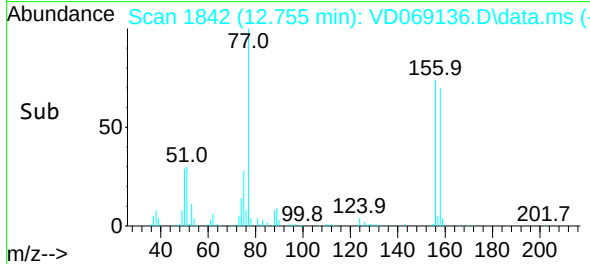




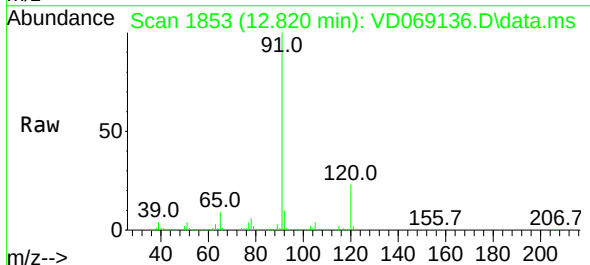
#77
Bromobenzene
Concen: 103.91 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



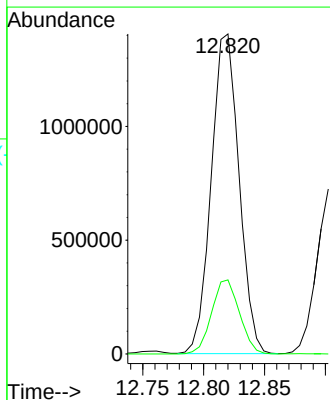
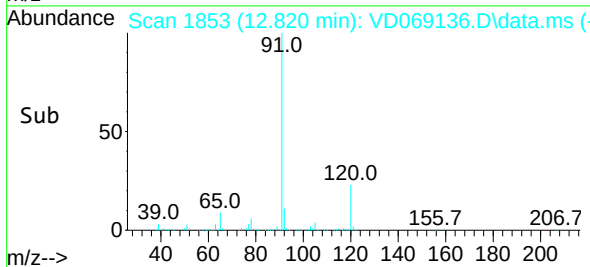
Tgt Ion:156 Resp: 418560
Ion Ratio Lower Upper
156 100
77 170.6 85.8 257.3
158 95.6 47.8 143.4



#78
n-propylbenzene
Concen: 109.04 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



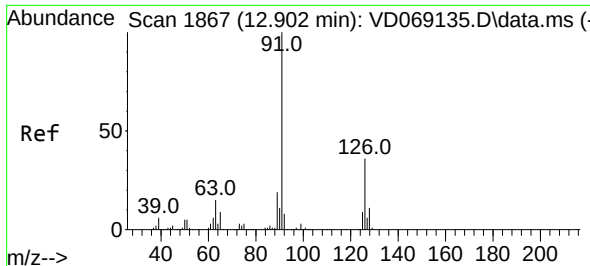
Tgt Ion: 91 Resp: 2233547
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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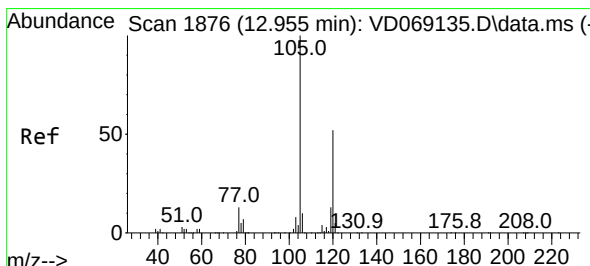
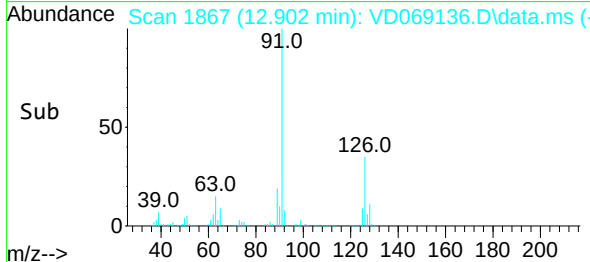
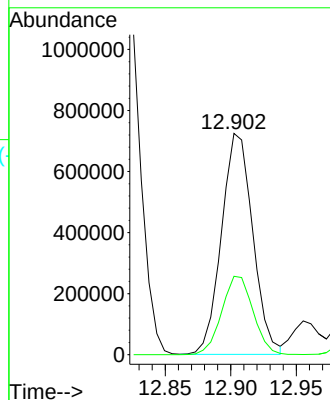
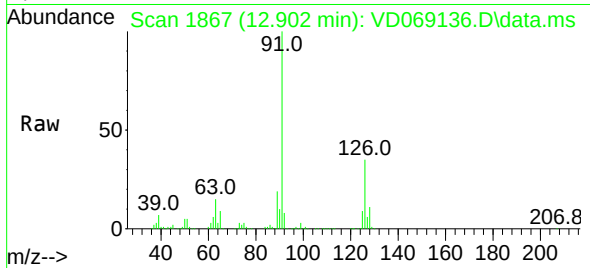
#79
2-Chlorotoluene
Concen: 105.60 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 91 Resp: 1203388
Ion Ratio Lower Upper
91 100
126 35.6 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

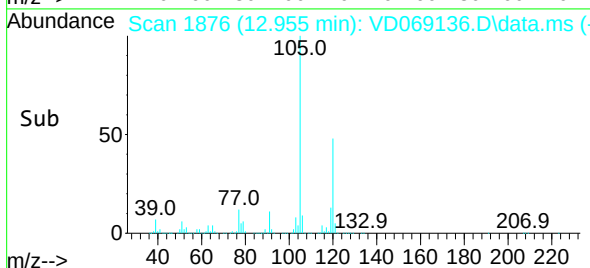
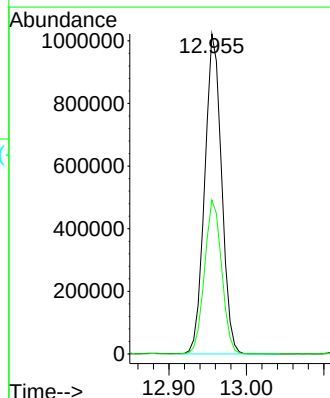
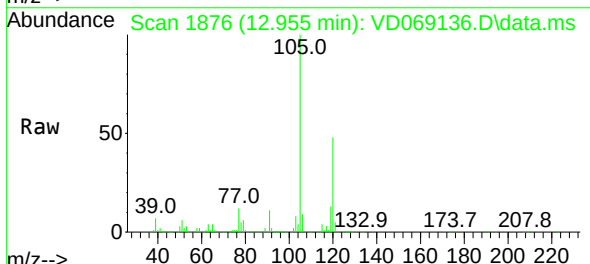
Manual Integrations
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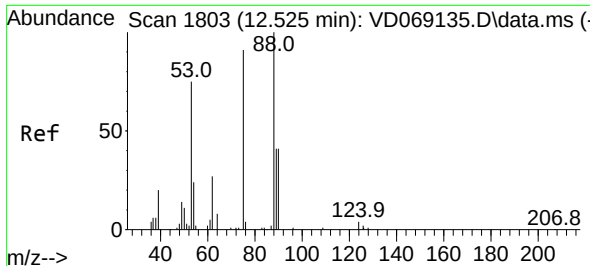
MMDadoda
5/13/2021 4:05:50 PM



#80
1,3,5-Trimethylbenzene
Concen: 110.36 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

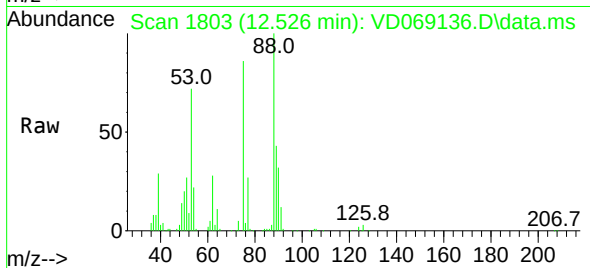
Tgt Ion:105 Resp: 1544682
Ion Ratio Lower Upper
105 100
120 48.7 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 101.69 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

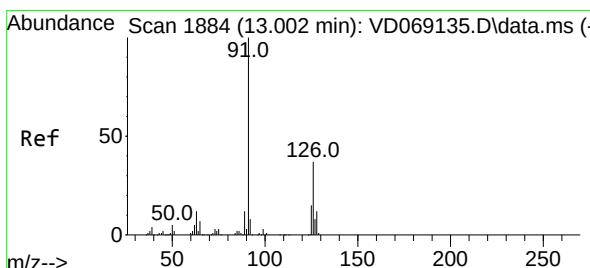
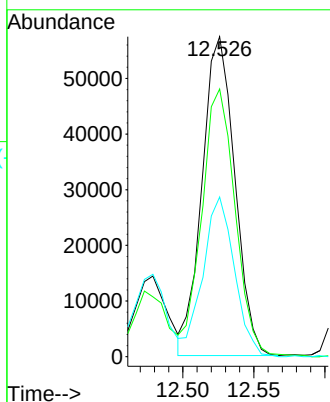
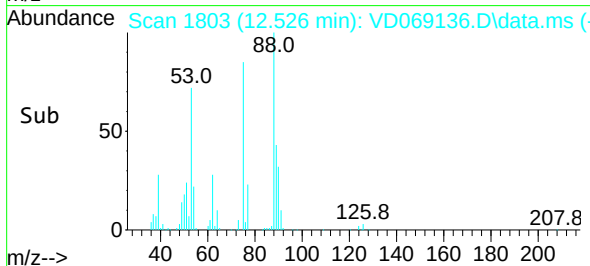
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



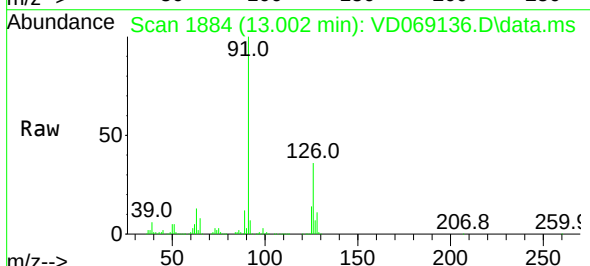
Tgt Ion: 75 Resp: 91918
Ion Ratio Lower Upper
75 100
53 86.0 70.0 105.0
89 48.6 40.2 60.2

Manual Integrations
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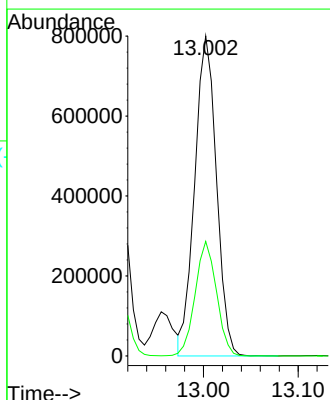
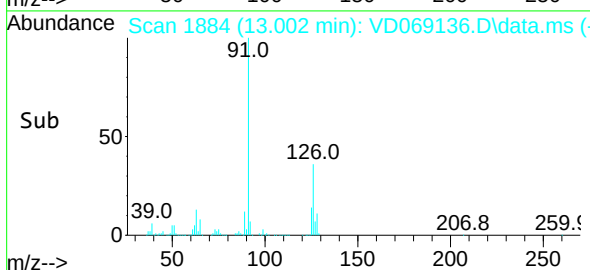
MMDadoda
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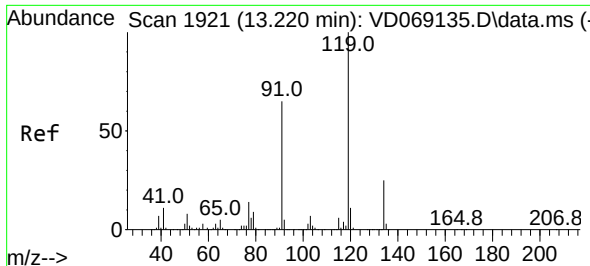


#82
4-Chlorotoluene
Concen: 104.95 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



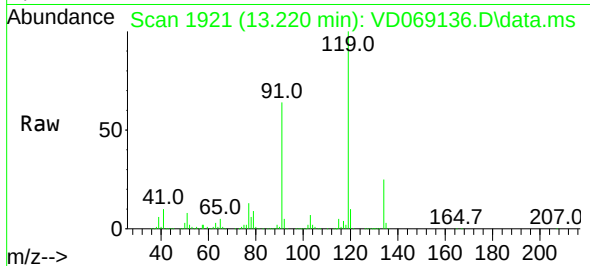
Tgt Ion: 91 Resp: 1274167
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





#83
tert-Butylbenzene
Concen: 111.53 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

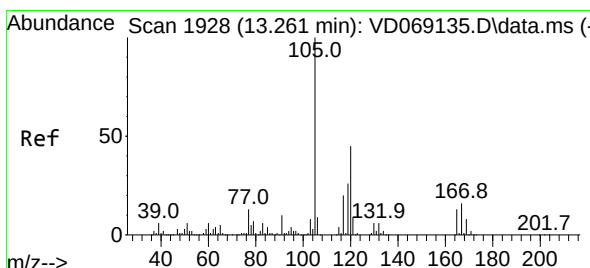
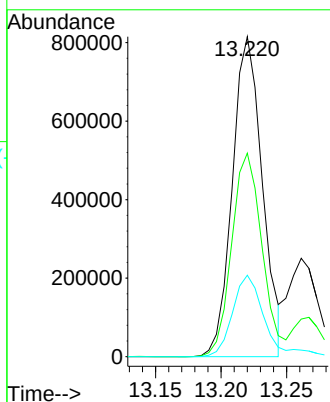
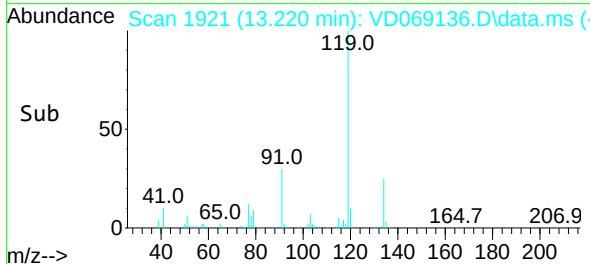
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



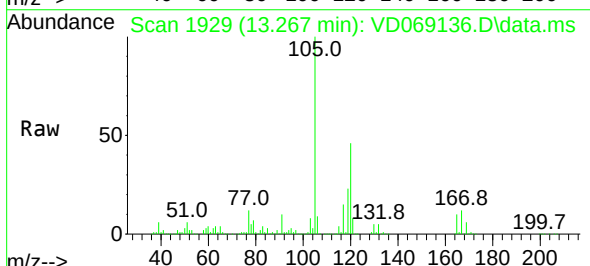
Tgt Ion:119 Resp: 1300846
Ion Ratio Lower Upper
119 100
91 64.4 32.5 97.4
134 27.1 13.8 41.3

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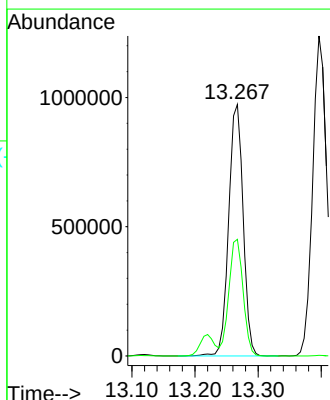
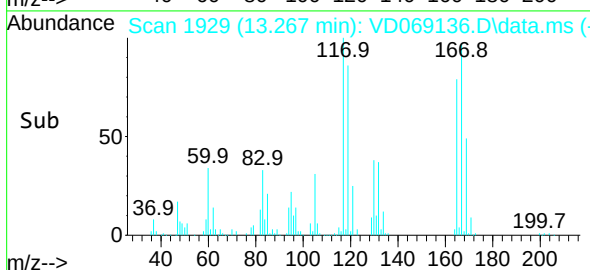
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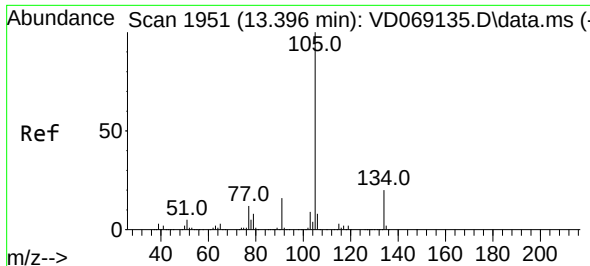


#84
1,2,4-Trimethylbenzene
Concen: 109.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28



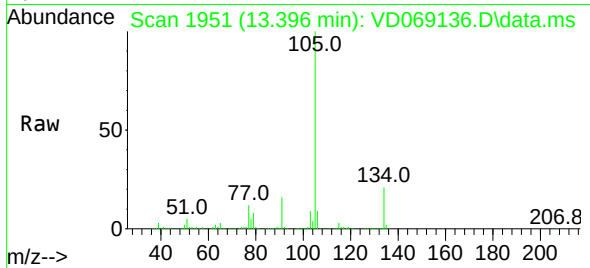
Tgt Ion:105 Resp: 1544061
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 109.89 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069136.D
 Acq: 12 May 2021 13:28

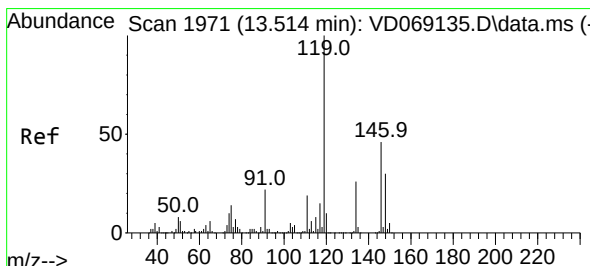
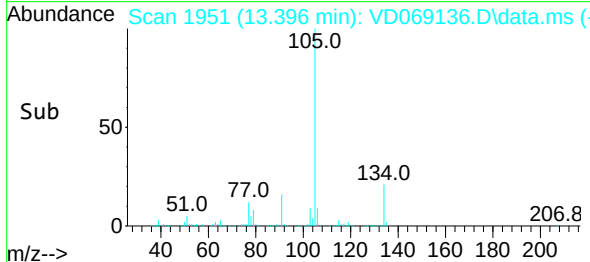
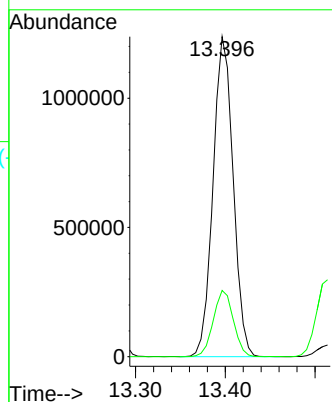
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



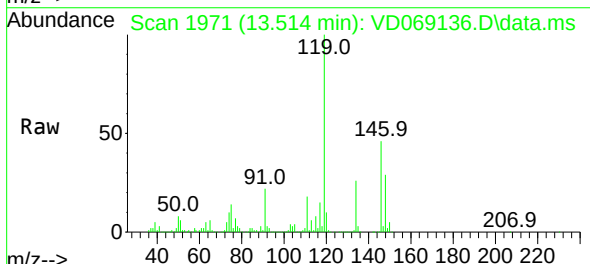
Tgt Ion:105 Resp: 1927274
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8

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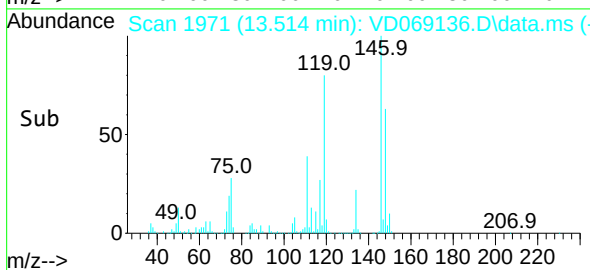
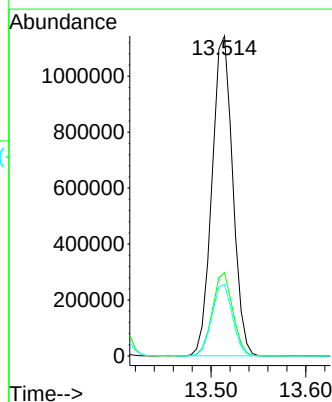
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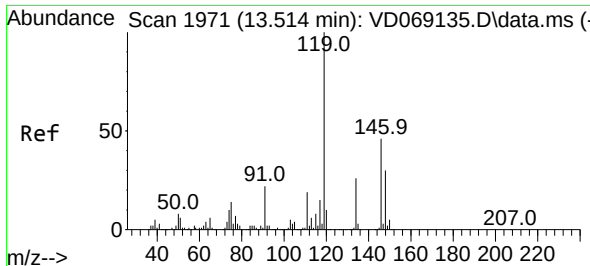


#86
 p-Isopropyltoluene
 Concen: 112.39 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069136.D
 Acq: 12 May 2021 13:28



Tgt Ion:119 Resp: 1731938
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 22.4 11.3 33.9





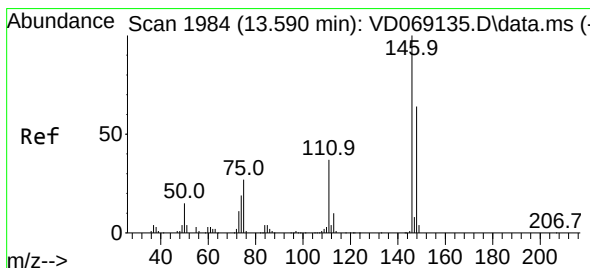
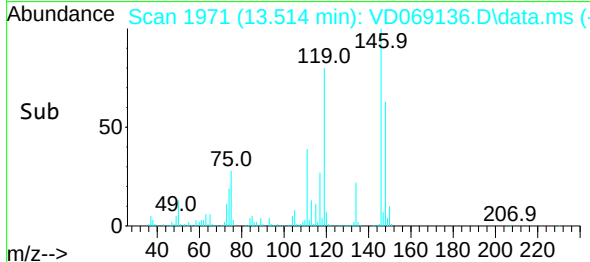
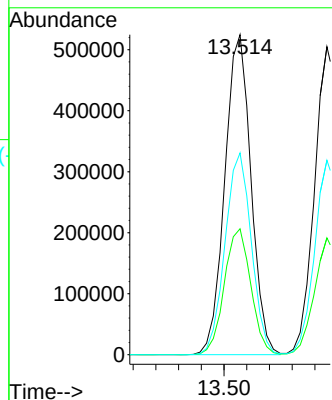
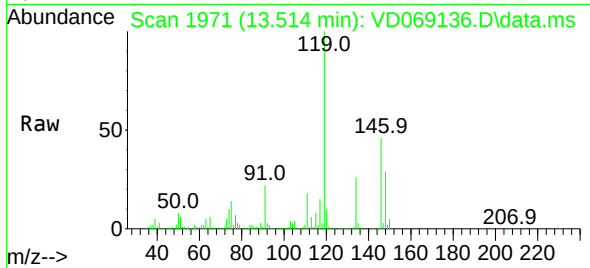
#87
1,3-Dichlorobenzene
Concen: 103.04 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:146 Resp: 840065
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.6
148 63.5 31.6 94.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

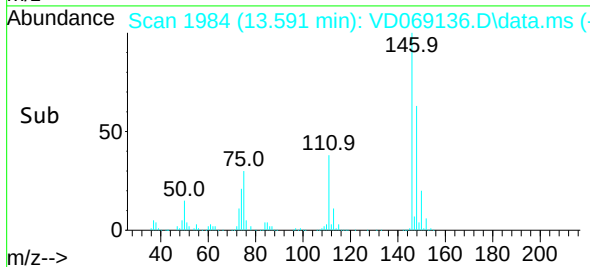
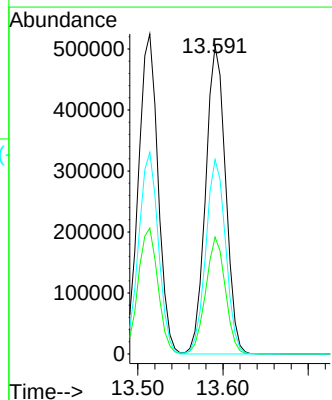
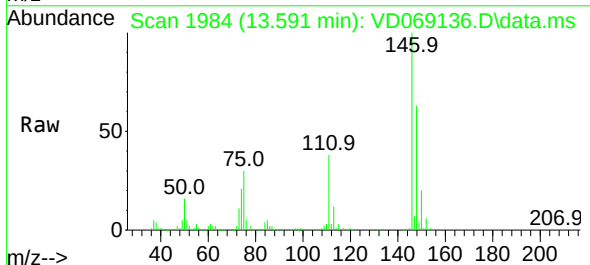
Manual Integrations
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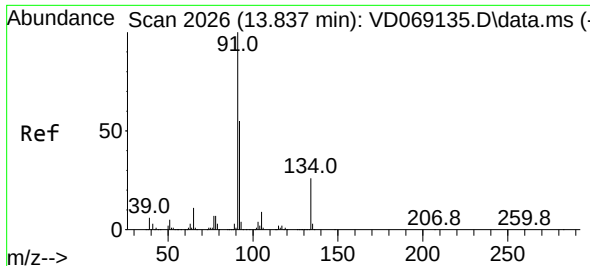
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#88
1,4-Dichlorobenzene
Concen: 101.52 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:146 Resp: 819760
Ion Ratio Lower Upper
146 100
111 37.3 19.4 58.2
148 62.8 32.4 97.0





#89
n-Butylbenzene
Concen: 110.54 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

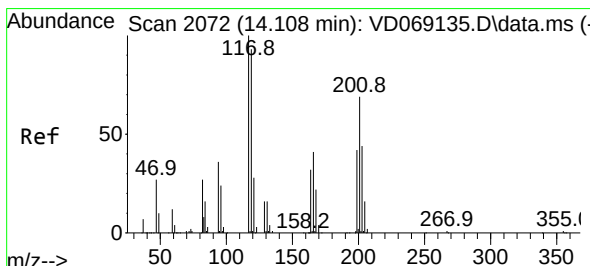
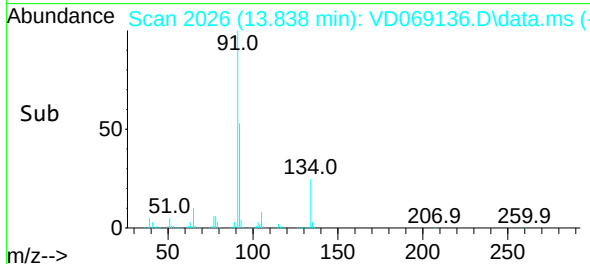
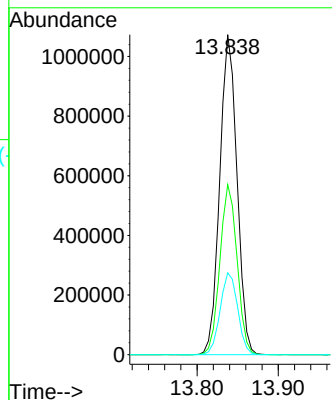
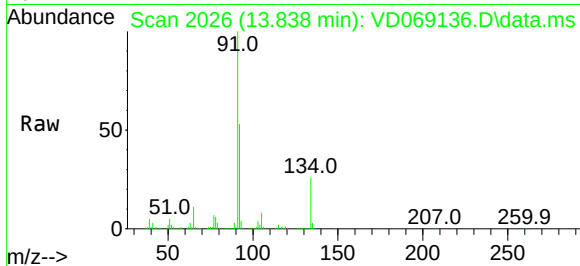
Tgt Ion: 91 Resp: 1587171

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	25.9	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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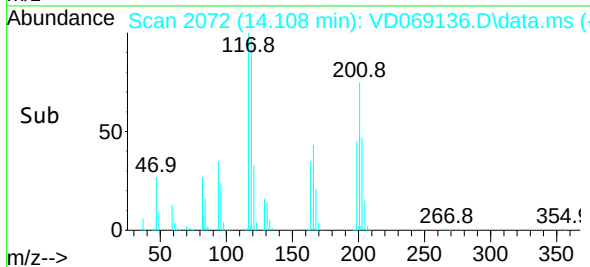
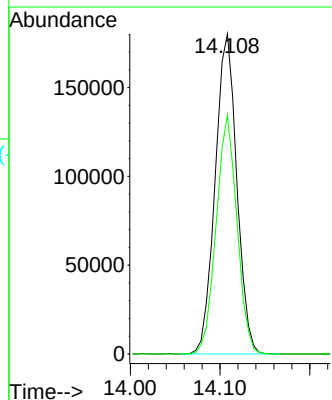
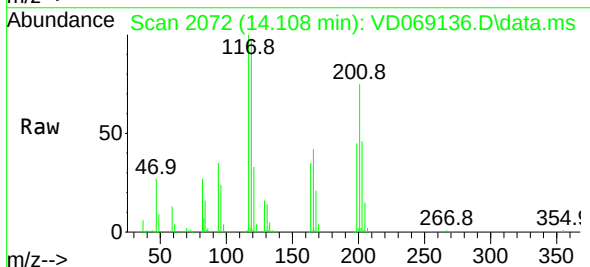
MMDadoda
5/13/2021 4:05:50 PM

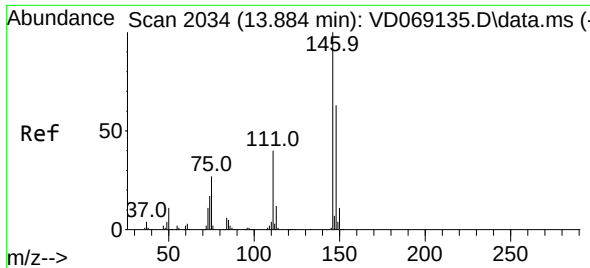


#90
Hexachloroethane
Concen: 104.54 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 117 Resp: 301896

Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.4	106.1





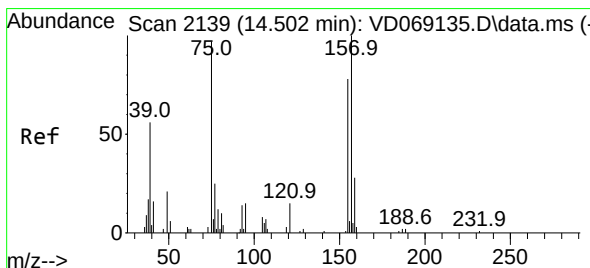
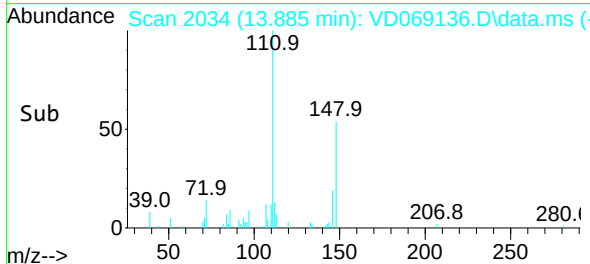
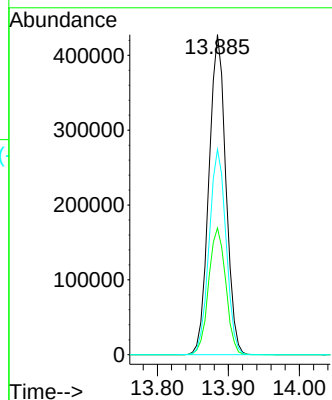
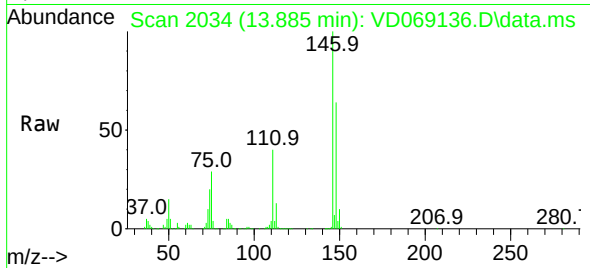
#91
1,2-Dichlorobenzene
Concen: 101.21 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:146 Resp: 708643
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 64.1 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

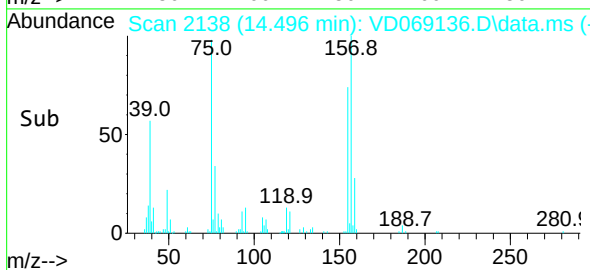
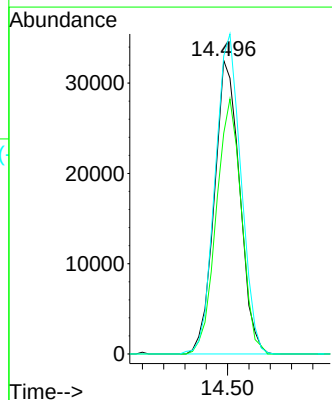
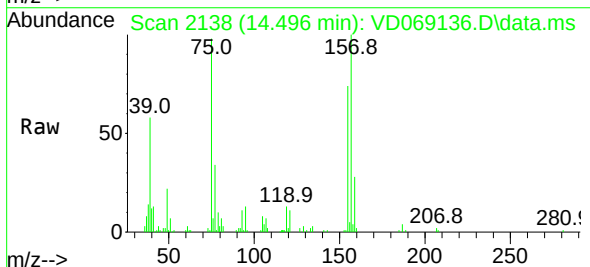
Manual Integrations
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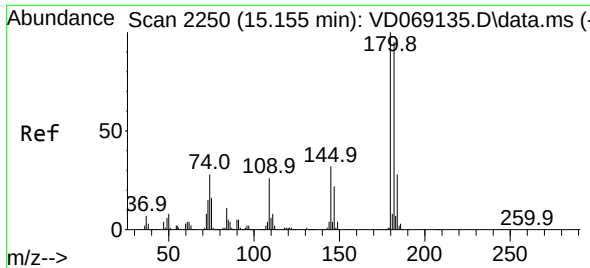
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#92
1,2-Dibromo-3-Chloropropane
Concen: 112.39 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.005 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion: 75 Resp: 53663
Ion Ratio Lower Upper
75 100
155 85.8 43.9 131.7
157 111.0 54.9 164.7





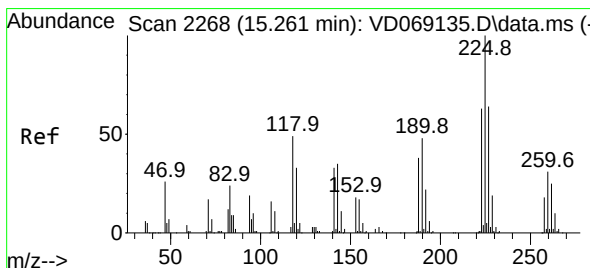
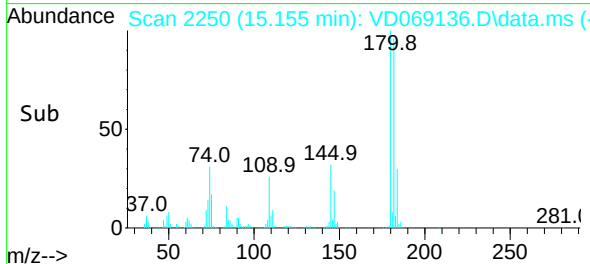
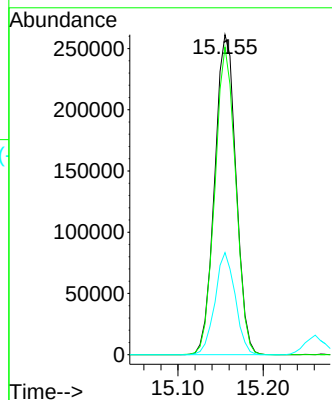
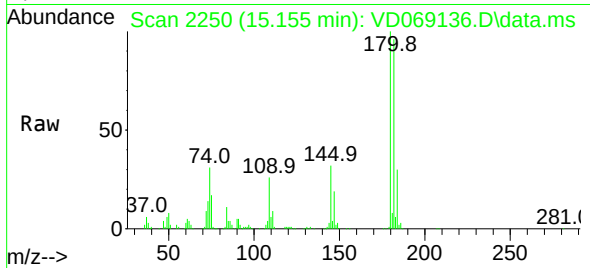
#93
1,2,4-Trichlorobenzene
Concen: 105.75 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:180 Resp: 453760
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 30.4 15.6 46.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

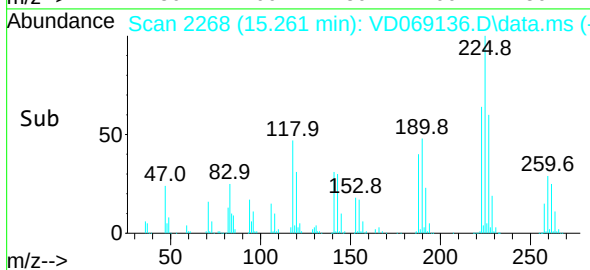
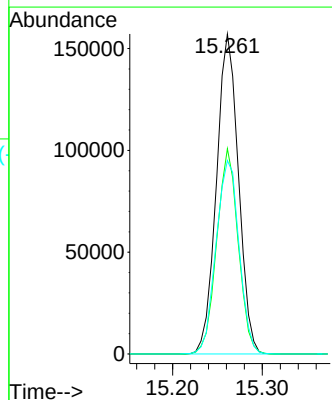
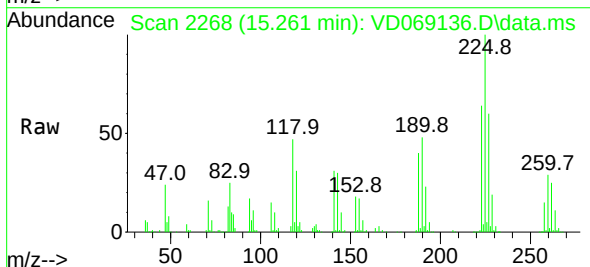
Manual Integrations
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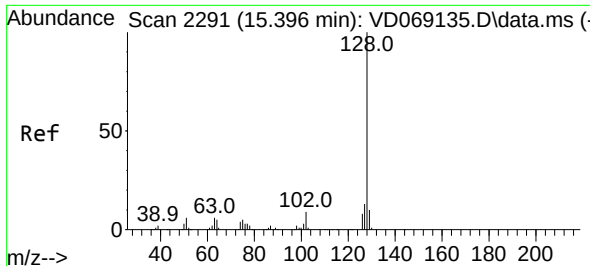
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#94
Hexachlorobutadiene
Concen: 103.82 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:225 Resp: 267341
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.5
227 63.4 31.6 95.0





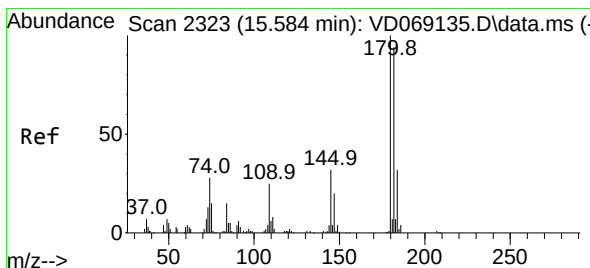
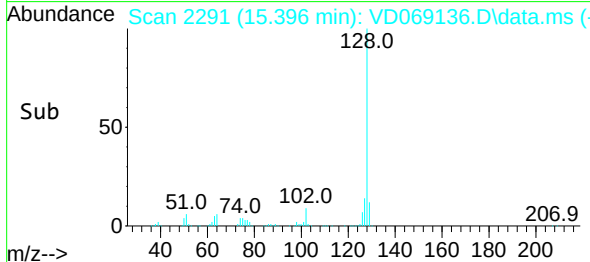
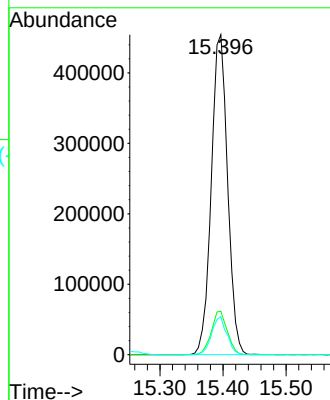
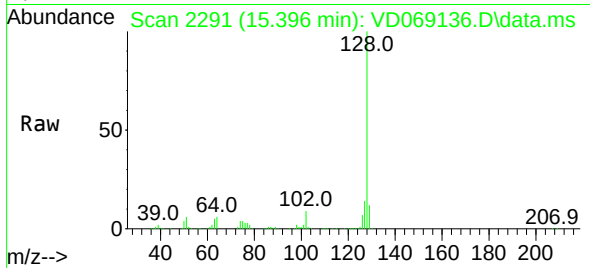
#95
Naphthalene
Concen: 113.18 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:128 Resp: 813583
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.9 13.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 105.81 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069136.D
Acq: 12 May 2021 13:28

Tgt Ion:180 Resp: 388425
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.4
145 33.1 16.1 48.3

