

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069041.D
 Acq On : 03 May 2021 13:40
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 5/4/2021 5:35:22 PM

Quant Time: May 03 13:53:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 03 13:21:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	248283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	421019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	414149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	194746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	479062	153.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 307.40%#			
35) Dibromofluoromethane	7.908	113	425316	155.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 310.86%#			
50) Toluene-d8	10.338	98	1680291	170.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 340.90%#			
62) 4-Bromofluorobenzene	12.626	95	568013	170.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 341.48%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	399906	128.85	ug/l	98
3) Chloromethane	2.209	50	473861	120.77	ug/l	99
4) Vinyl Chloride	2.344	62	555184	113.78	ug/l	96
5) Bromomethane	2.726	94	307325	112.74	ug/l	100
7) Trichlorofluoromethane	3.256	101	701649	128.82	ug/l	98
8) Diethyl Ether	3.703	74	197789	154.14	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	379895	126.92	ug/l	95
10) Methyl Iodide	4.291	142	388697	176.40	ug/l	91
11) Tert butyl alcohol	5.238	59	131253	499.67	ug/l #	87
12) 1,1-Dichloroethene	4.056	96	364779	137.07	ug/l	87
13) Acrolein	3.920	56	146552	677.36	ug/l	96
14) Allyl chloride	4.708	41	512868	149.34	ug/l	92
15) Acrylonitrile	5.414	53	442680	768.49	ug/l	96
16) Acetone	4.156	43	323791	612.60	ug/l	94
17) Carbon Disulfide	4.403	76	1192236	133.70	ug/l	99
18) Methyl Acetate	4.714	43	190760	143.98	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	951714	162.37	ug/l	99
20) Methylene Chloride	4.961	84	429314	96.13	ug/l #	90
21) trans-1,2-Dichloroethene	5.461	96	440512	141.19	ug/l	89
22) Diisopropyl ether	6.367	45	1172782	155.46	ug/l	93
23) Vinyl Acetate	6.303	43	3729859	898.81	ug/l	96
24) 1,1-Dichloroethane	6.261	63	738180	136.63	ug/l	99
25) 2-Butanone	7.214	43	540395	775.77	ug/l	90
26) 2,2-Dichloropropane	7.208	77	674309	135.33	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	488212	148.18	ug/l	92
28) Bromochloromethane	7.544	49	311203	137.09	ug/l	85
29) Tetrahydrofuran	7.561	42	350629	799.45	ug/l	90
30) Chloroform	7.708	83	809285	137.08	ug/l	96
31) Cyclohexane	7.979	56	633863	132.14	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	733064	135.16	ug/l	99
36) 1,1-Dichloropropene	8.108	75	615172	146.31	ug/l	99
37) Ethyl Acetate	7.291	43	255039	157.83	ug/l #	93
38) Carbon Tetrachloride	8.097	117	652682	143.95	ug/l	98
39) Methylcyclohexane	9.349	83	750330	161.83	ug/l	96
40) Benzene	8.349	78	1755329	146.29	ug/l	97
41) Methacrylonitrile	7.520	41	128925m	145.46	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.420	62	552537	143.77	ug/l	95
43) Isopropyl Acetate	8.449	43	495680	160.68	ug/l	92
44) Trichloroethene	9.114	130	454278	145.03	ug/l	97
45) 1,2-Dichloropropane	9.385	63	433375	146.50	ug/l	94
46) Dibromomethane	9.473	93	248141	142.92	ug/l	94
47) Bromodichloromethane	9.661	83	658554	143.16	ug/l	99
48) Methyl methacrylate	9.455	41	238020	173.45	ug/l	91
49) 1,4-Dioxane	9.461	88	63357	3187.09	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	1311038	844.08	ug/l	91
52) Toluene	10.402	92	1161198	155.70	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	624575	159.06	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	719481	159.87	ug/l #	89
55) 1,1,2-Trichloroethane	10.796	97	332589	146.04	ug/l	95
56) Ethyl methacrylate	10.661	69	431670	184.96	ug/l #	81
57) 1,3-Dichloropropane	10.943	76	589285	150.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1118825	877.68	ug/l	96
59) 2-Hexanone	10.979	43	913380	874.80	ug/l	91
60) Dibromochloromethane	11.138	129	443237	151.15	ug/l	99
61) 1,2-Dibromoethane	11.243	107	331481	151.68	ug/l	100
64) Tetrachloroethene	10.873	164	367016	141.50	ug/l	97
65) Chlorobenzene	11.667	112	1209890	143.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	456985	141.67	ug/l	99
67) Ethyl Benzene	11.743	91	2302522	157.31	ug/l	99
68) m/p-Xylenes	11.849	106	1713824	312.47	ug/l	95
69) o-Xylene	12.179	106	801631	163.62	ug/l	96
70) Styrene	12.190	104	1396870	161.72	ug/l	97
71) Bromoform	12.355	173	242031	149.52	ug/l #	98
73) Isopropylbenzene	12.473	105	2163668	164.85	ug/l	98
74) N-amyl acetate	12.285	43	513232	185.80	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.726	83	389196	147.55	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	261806m	146.63	ug/l	
77) Bromobenzene	12.755	156	477055	155.54	ug/l	92
78) n-propylbenzene	12.814	91	2600500	161.20	ug/l	99
79) 2-Chlorotoluene	12.902	91	1429168	157.23	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1820978	163.11	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	122315	155.93	ug/l	91
82) 4-Chlorotoluene	13.002	91	1505146	152.17	ug/l	98
83) tert-Butylbenzene	13.220	119	1507761	162.81	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1845832	163.39	ug/l	99
85) sec-Butylbenzene	13.396	105	2118474	158.52	ug/l	99
86) p-Isopropyltoluene	13.508	119	1986433	165.83	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	916452	144.74	ug/l	95
88) 1,4-Dichlorobenzene	13.590	146	899003	142.22	ug/l	99
89) n-Butylbenzene	13.837	91	1902266	165.24	ug/l	98
90) Hexachloroethane	14.102	117	377555	149.82	ug/l	92
91) 1,2-Dichlorobenzene	13.884	146	797890	147.27	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	66314	148.48	ug/l	81
93) 1,2,4-Trichlorobenzene	15.155	180	514815	158.52	ug/l	97
94) Hexachlorobutadiene	15.261	225	270633	144.57	ug/l	99
95) Naphthalene	15.390	128	1070411	183.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	450471	159.76	ug/l	98

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

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

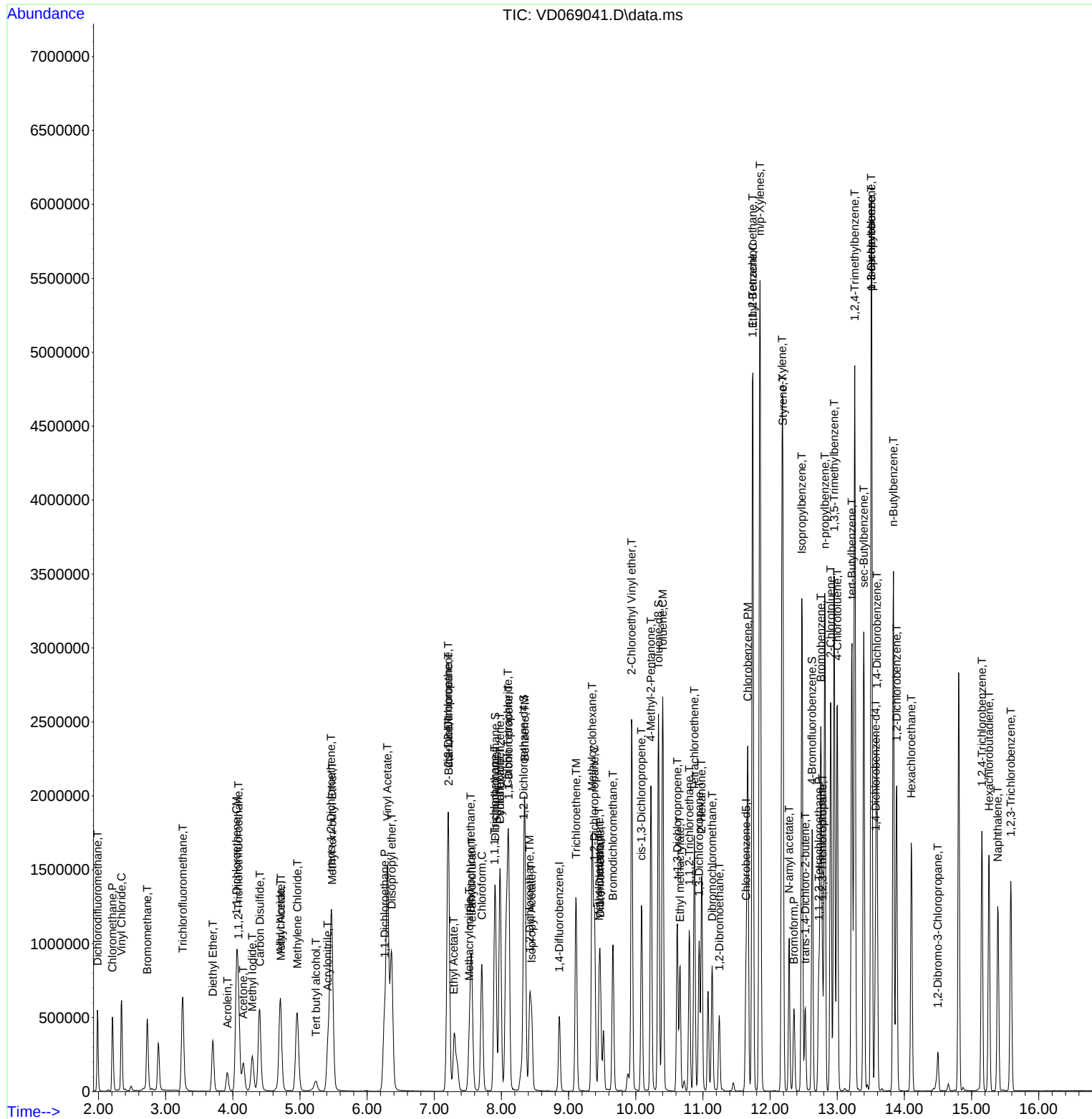
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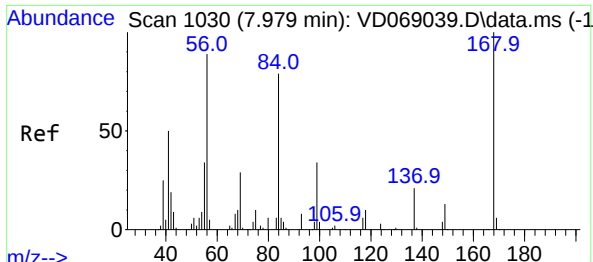
Instrument :
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ClientSampleId :
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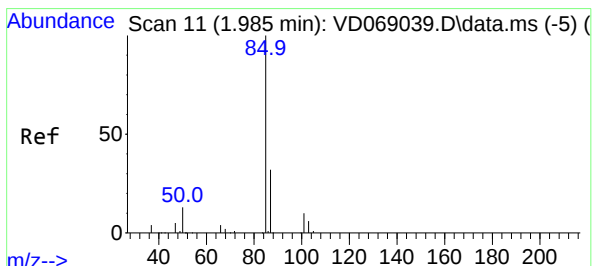
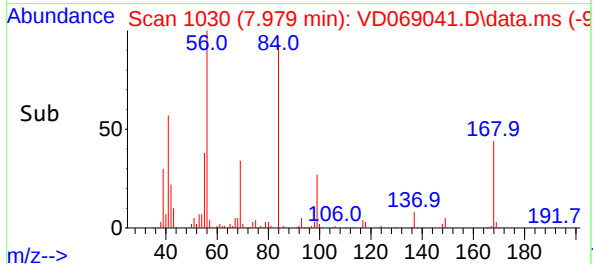
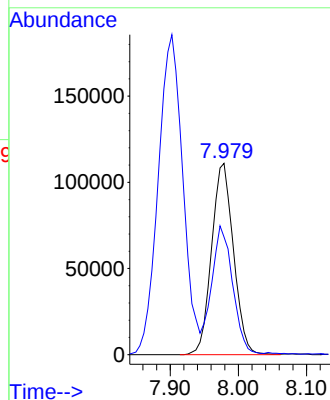
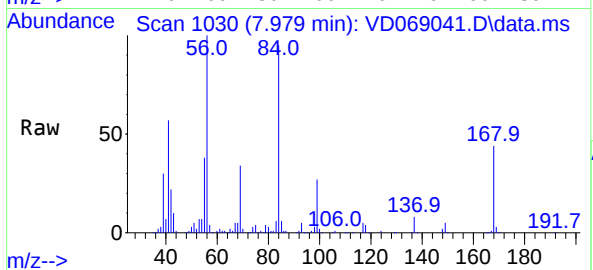
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 168 Resp: 248283
Ion Ratio Lower Upper
168 100
99 60.9 46.2 69.2

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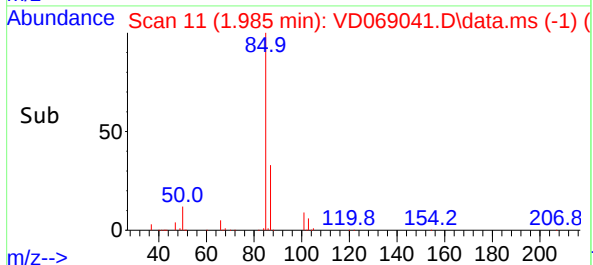
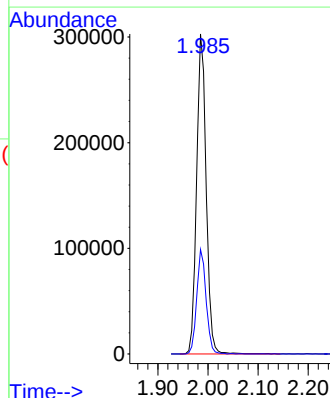
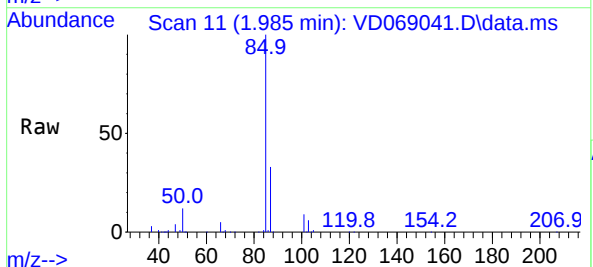
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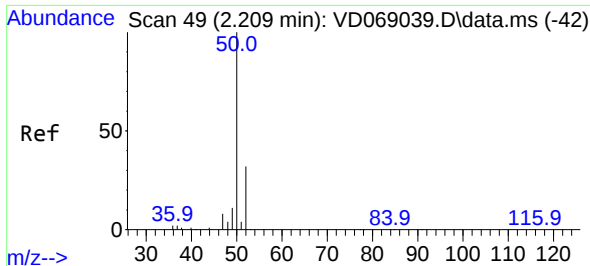
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#2
Dichlorodifluoromethane
Concen: 128.85 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 85 Resp: 399906
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0





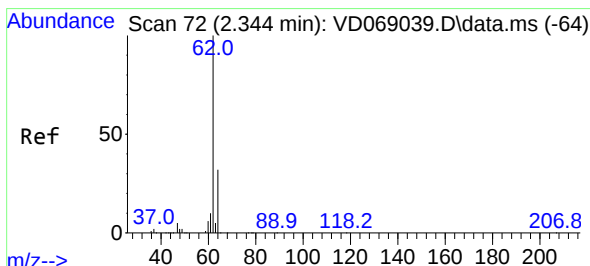
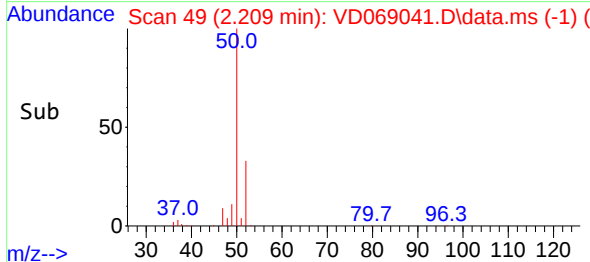
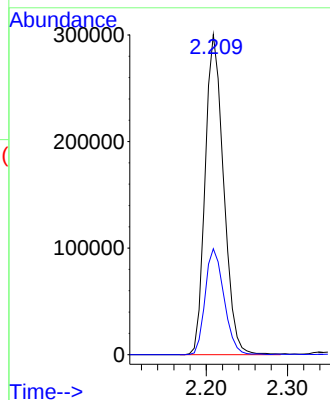
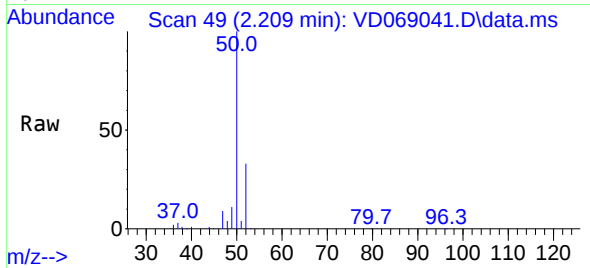
#3
Chloromethane
Concen: 120.77 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 50 Resp: 473861
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1

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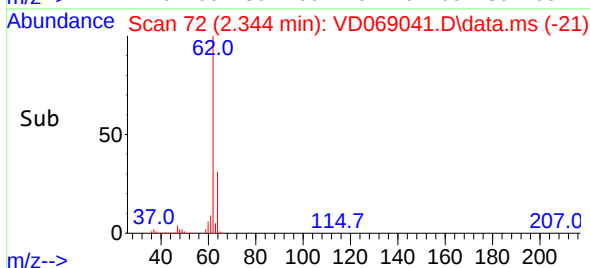
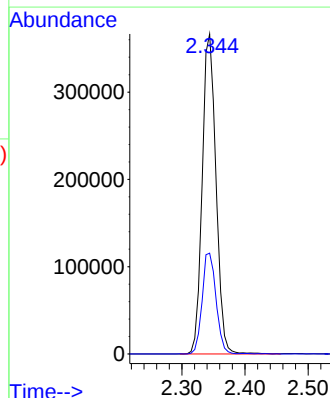
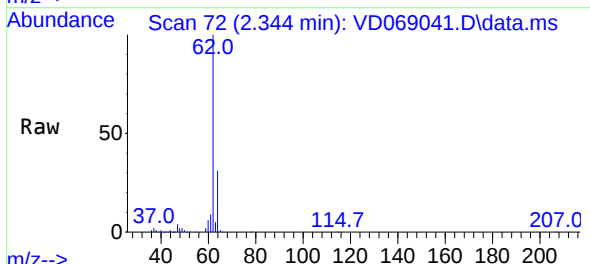
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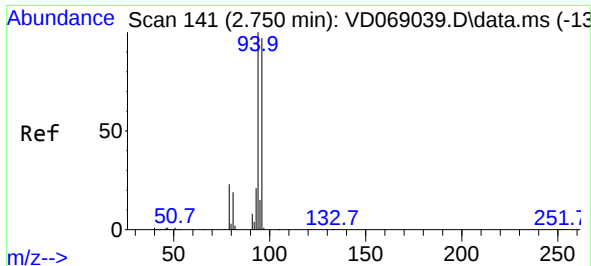
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#4
Vinyl Chloride
Concen: 113.78 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 62 Resp: 555184
Ion Ratio Lower Upper
62 100
64 31.5 27.1 40.7





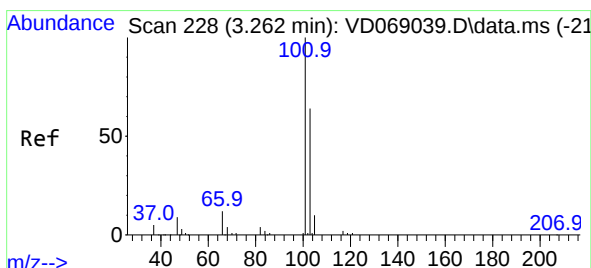
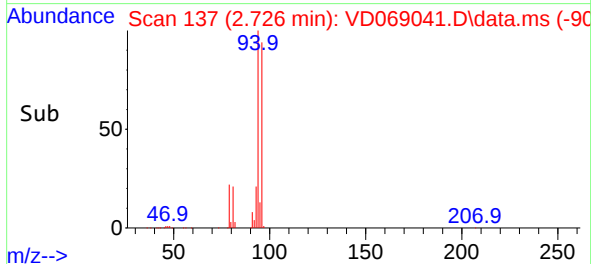
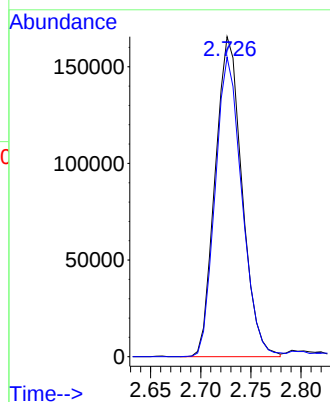
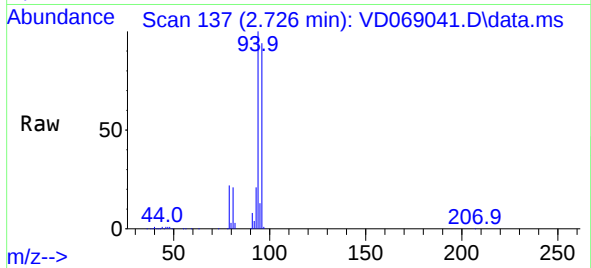
#5
Bromomethane
Concen: 112.74 ug/l
RT: 2.726 min Scan# 137
Delta R.T. -0.024 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 94 Resp: 307325
Ion Ratio Lower Upper
94 100
96 93.6 74.7 112.1

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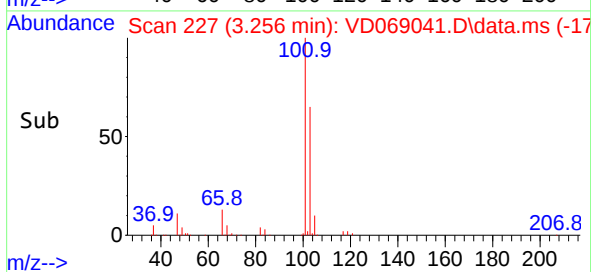
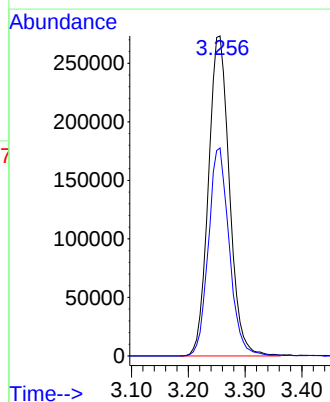
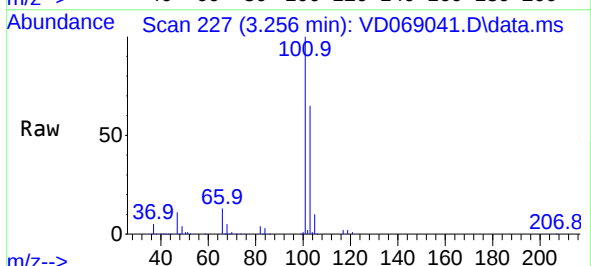
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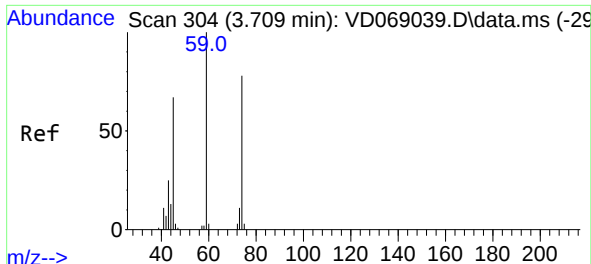
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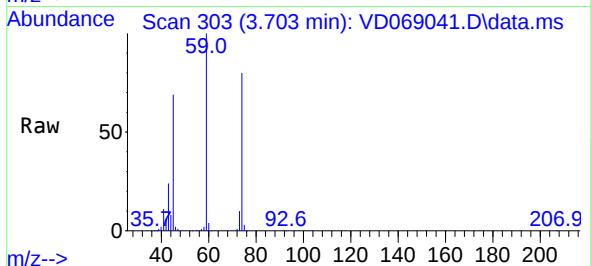
#7
Trichlorofluoromethane
Concen: 128.82 ug/l
RT: 3.256 min Scan# 227
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 101 Resp: 701649
Ion Ratio Lower Upper
101 100
103 65.0 53.4 80.2

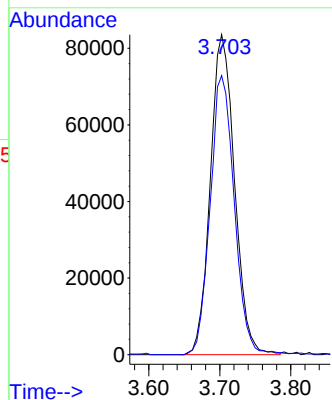




#8
Diethyl Ether
Concen: 154.14 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



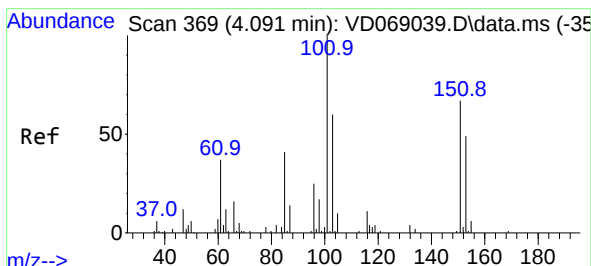
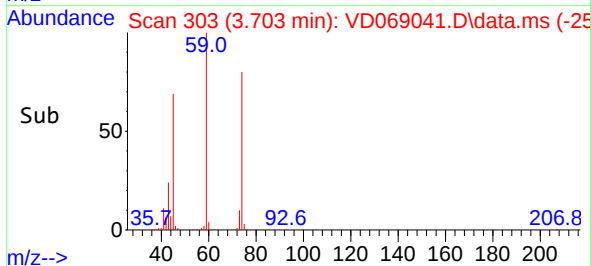
Tgt Ion: 74 Resp: 197789
Ion Ratio Lower Upper
74 100
45 87.2 40.5 121.5



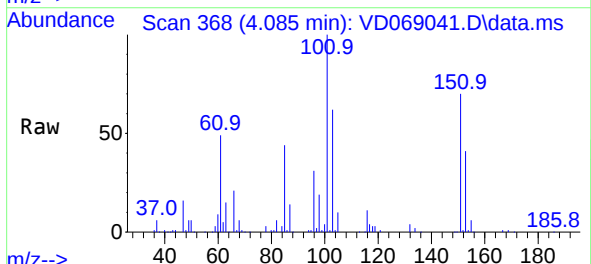
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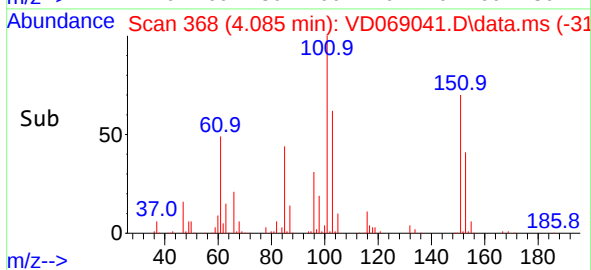
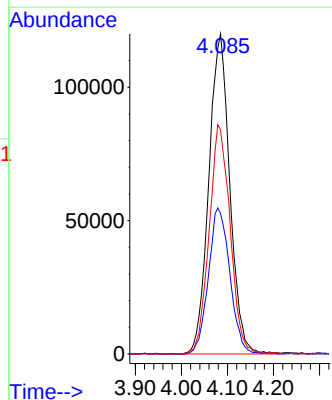
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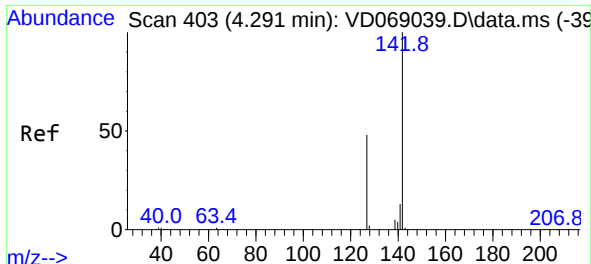


#9
1,1,2-Trichlorotrifluoroethane
Concen: 126.92 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD069041.D
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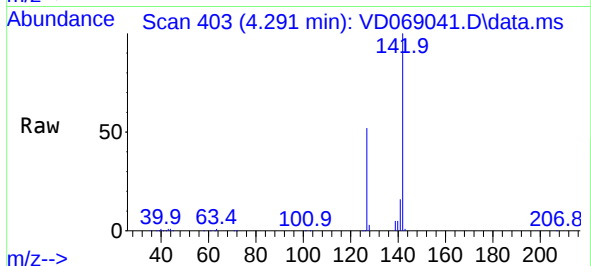
Tgt Ion:101 Resp: 379895
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 71.5 59.4 89.2





#10
Methyl Iodide
Concen: 176.40 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

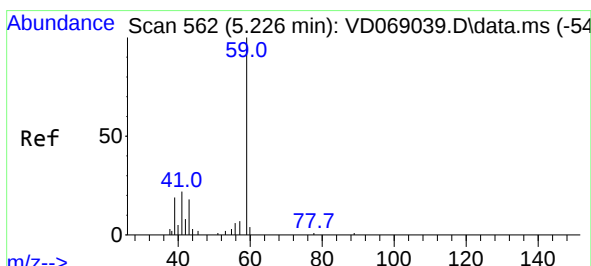
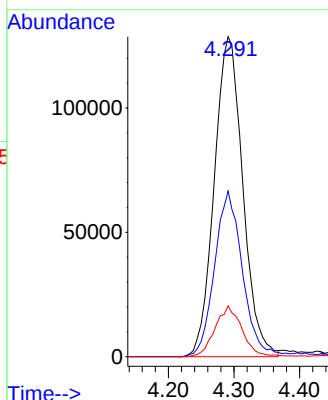
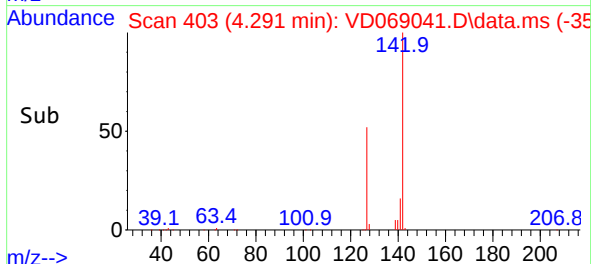
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



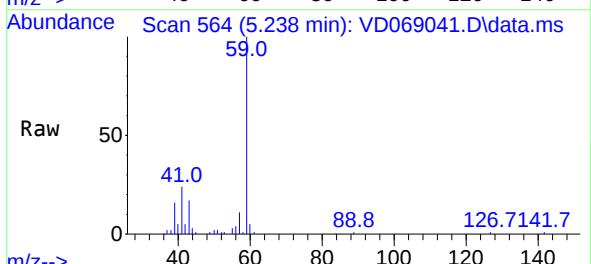
Tgt Ion:142 Resp: 388697
Ion Ratio Lower Upper
142 100
127 50.5 34.7 52.1
141 15.0 11.0 16.4

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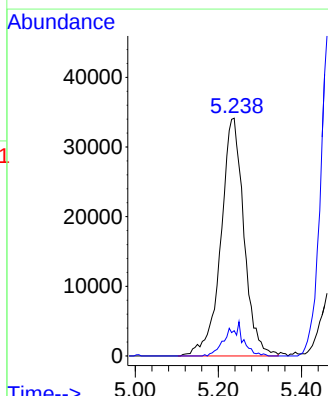
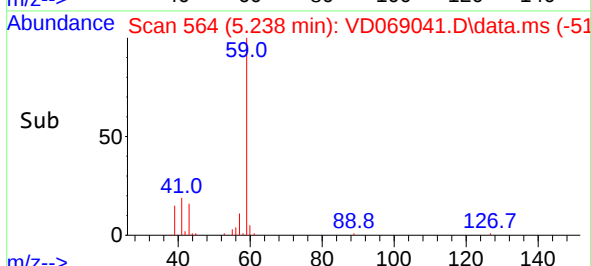
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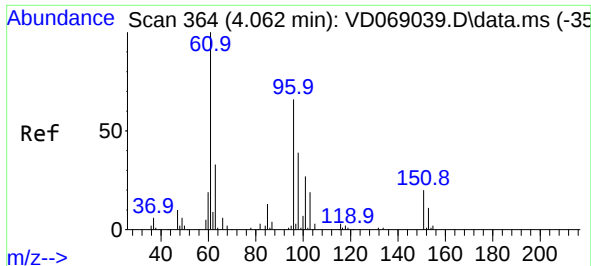


#11
Tert butyl alcohol
Concen: 499.67 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 59 Resp: 131253
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 137.07 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD069041.D

Acq: 03 May 2021 13:40

Tgt Ion: 96 Resp: 364779

Ion Ratio Lower Upper

96 100

61 163.6 112.2 168.2

98 62.3 50.2 75.2

Instrument :

MSVOA_D

ClientSampleId :

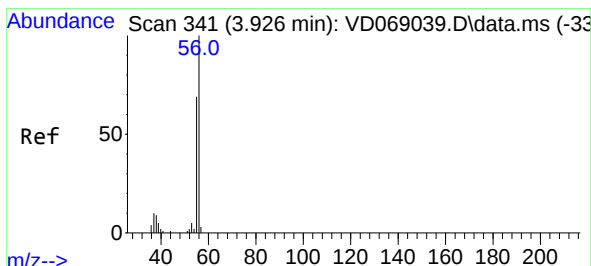
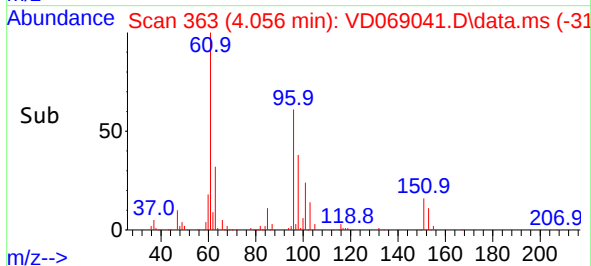
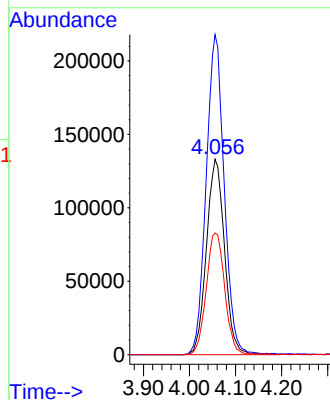
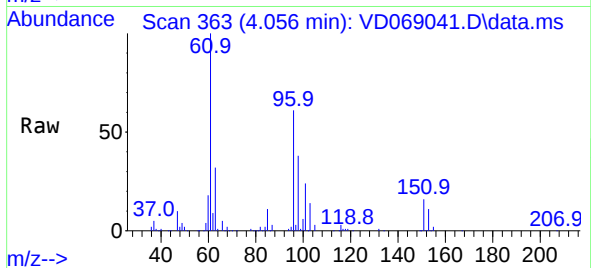
VSTDIC150

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#13

Acrolein

Concen: 677.36 ug/l

RT: 3.920 min Scan# 340

Delta R.T. -0.006 min

Lab File: VD069041.D

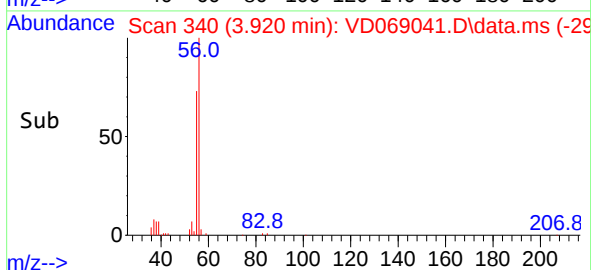
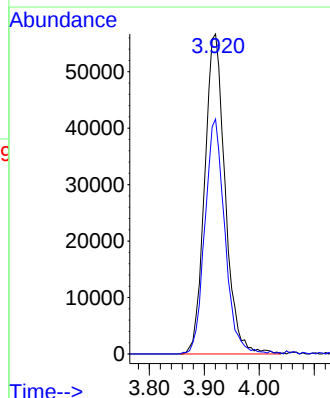
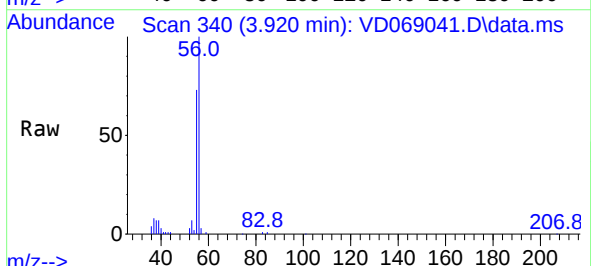
Acq: 03 May 2021 13:40

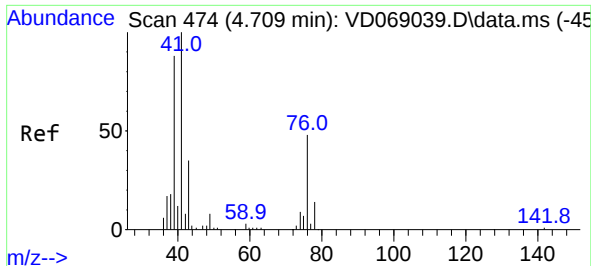
Tgt Ion: 56 Resp: 146552

Ion Ratio Lower Upper

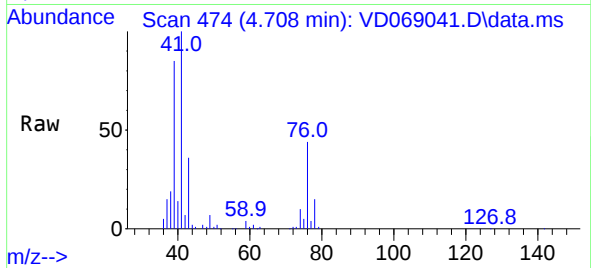
56 100

55 71.4 54.7 82.1

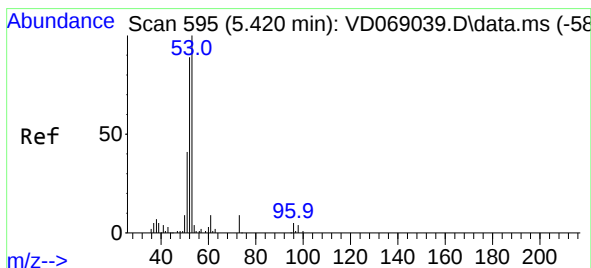
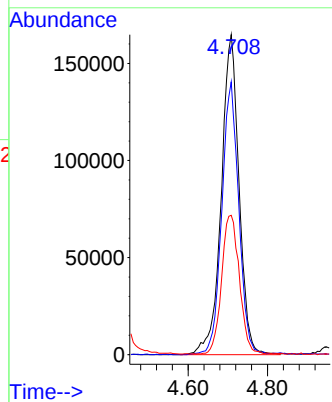
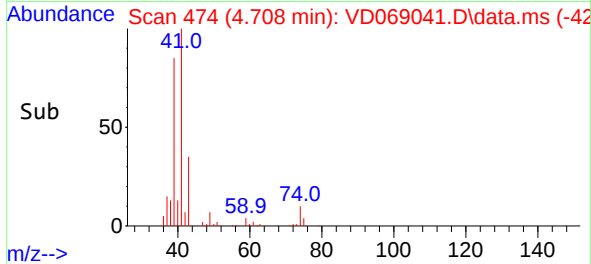




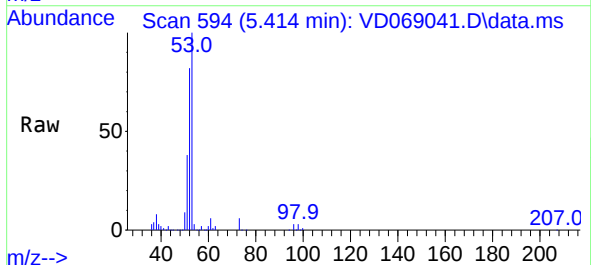
#14
Allyl chloride
Concen: 149.34 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



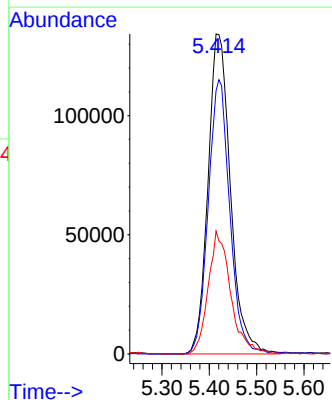
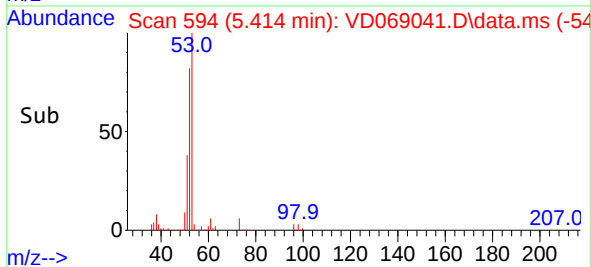
Tgt Ion: 41 Resp: 512868
Ion Ratio Lower Upper
41 100
39 81.5 60.6 91.0
76 43.2 40.4 60.6



#15
Acrylonitrile
Concen: 768.49 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



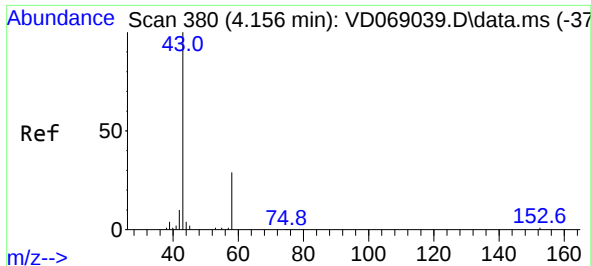
Tgt Ion: 53 Resp: 442680
Ion Ratio Lower Upper
53 100
52 82.0 63.3 94.9
51 38.4 28.3 42.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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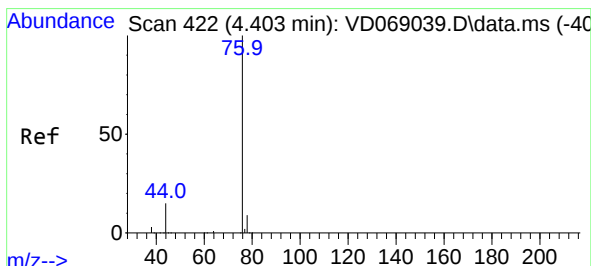
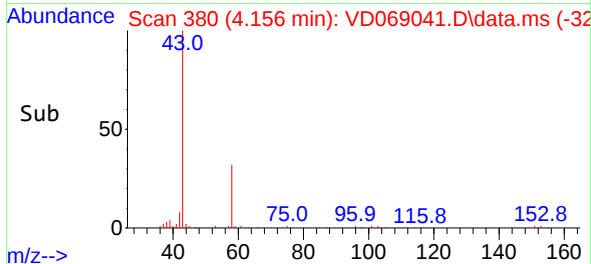
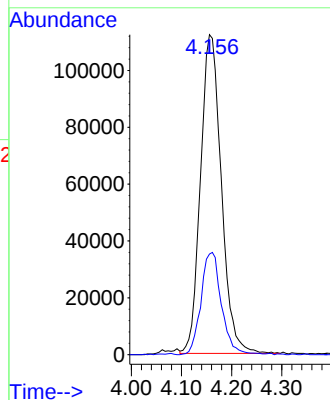
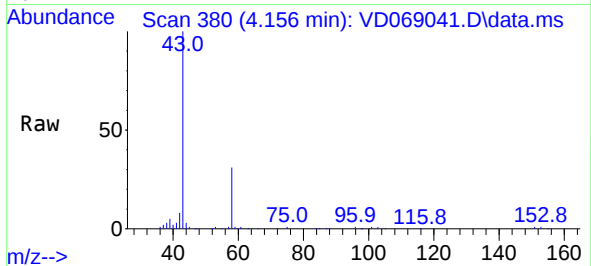
#16
Acetone
Concen: 612.60 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 43 Resp: 323791
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

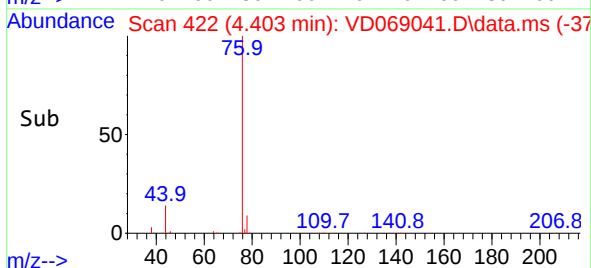
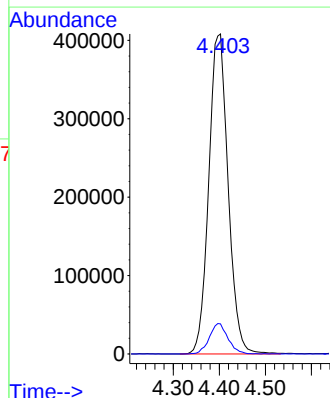
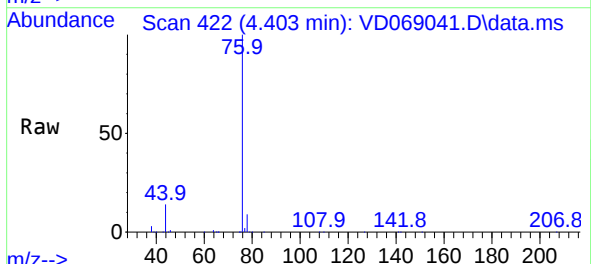
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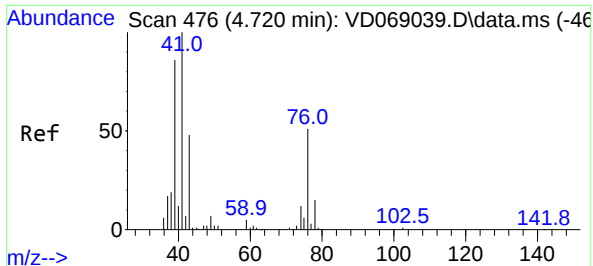
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#17
Carbon Disulfide
Concen: 133.70 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

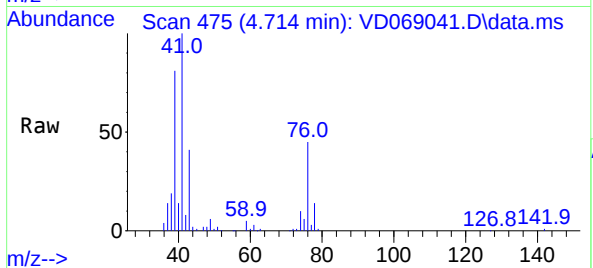
Tgt Ion: 76 Resp: 1192236
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#18
Methyl Acetate
Concen: 143.98 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

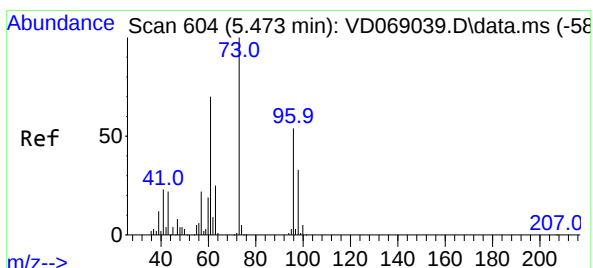
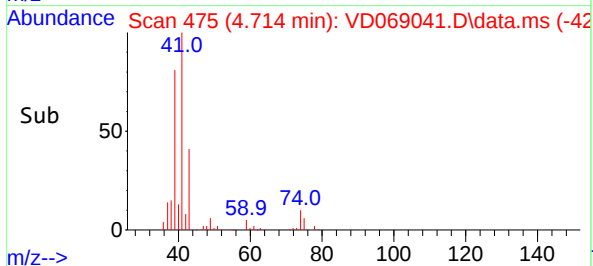
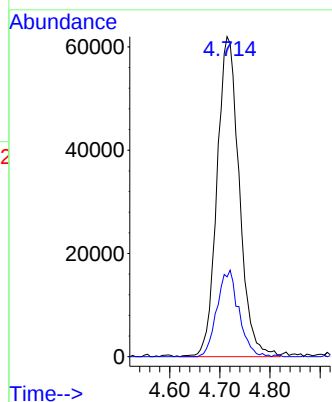
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



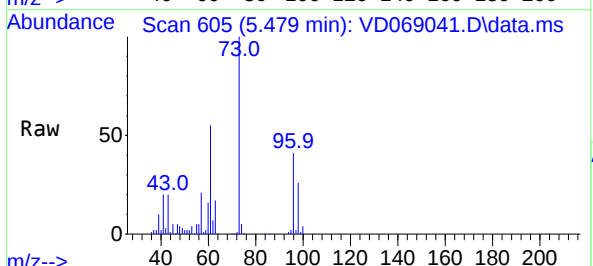
Tgt Ion: 43 Resp: 190760
Ion Ratio Lower Upper
43 100
74 26.5 25.4 38.2

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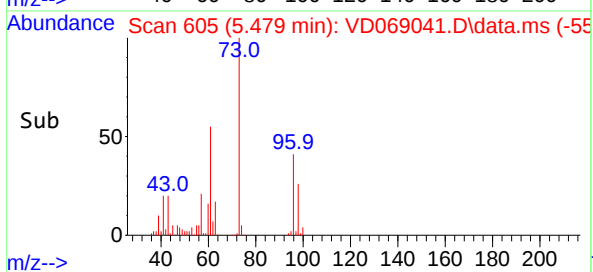
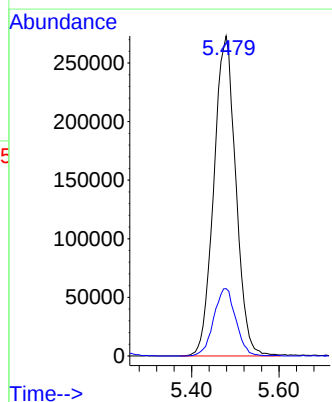
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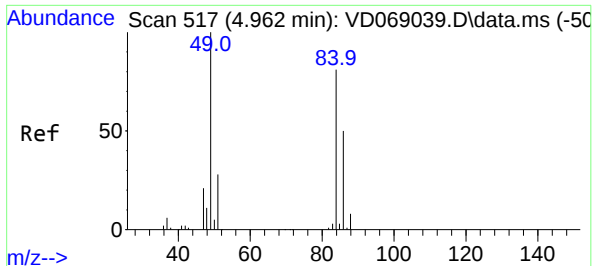


#19
Methyl tert-butyl Ether
Concen: 162.37 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



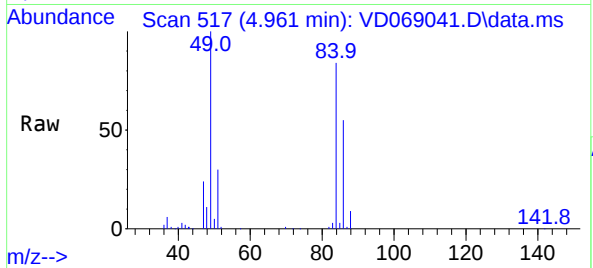
Tgt Ion: 73 Resp: 951714
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9





#20
Methylene Chloride
Concen: 96.13 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

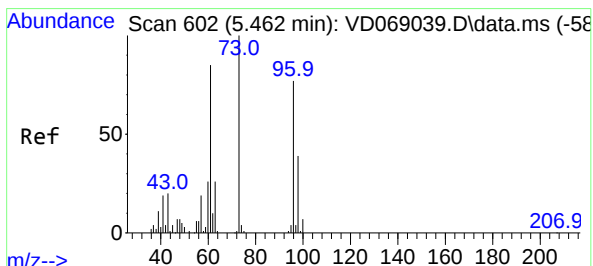
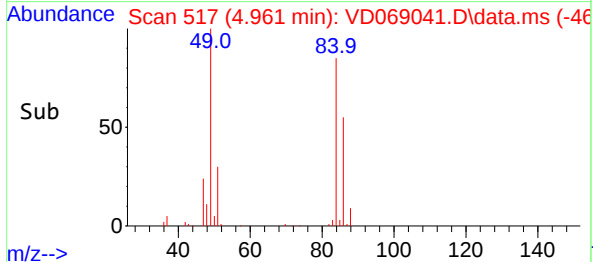
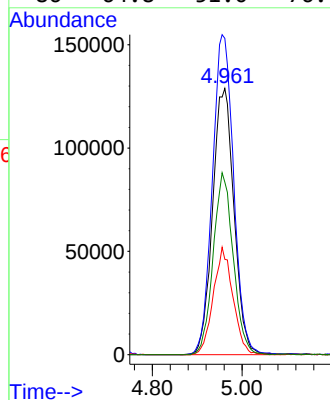


Tgt Ion: 84 Resp: 429314

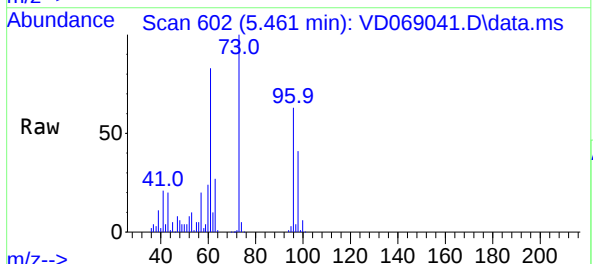
Ion	Ratio	Lower	Upper
84	100		
49	118.8	83.4	125.0
51	35.8	23.4	35.2#
86	64.8	51.0	76.4

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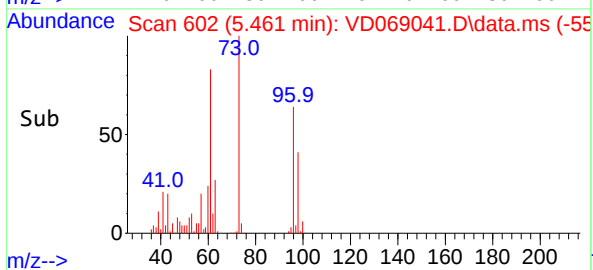
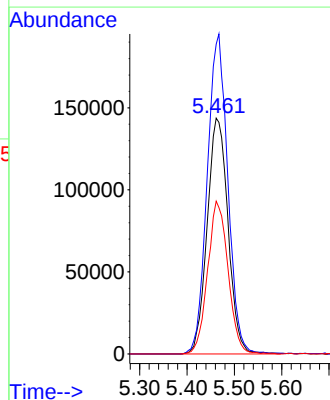


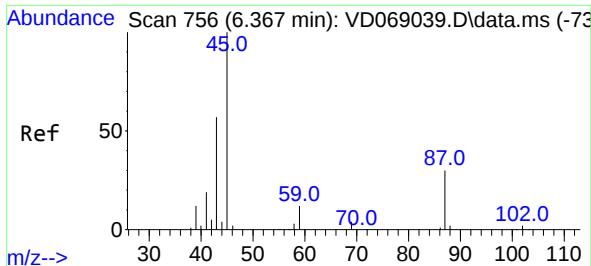
#21
trans-1,2-Dichloroethene
Concen: 141.19 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 96 Resp: 440512

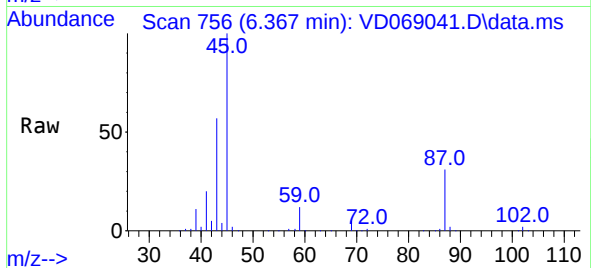
Ion	Ratio	Lower	Upper
96	100		
61	131.3	91.8	137.6
98	64.8	49.3	73.9





#22
Diisopropyl ether
Concen: 155.46 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

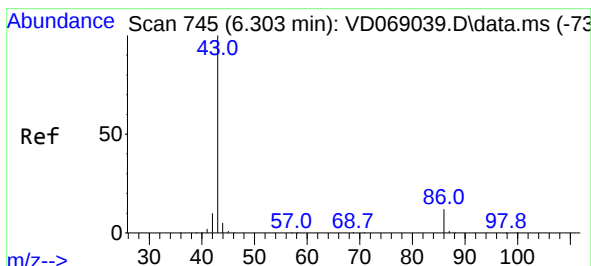
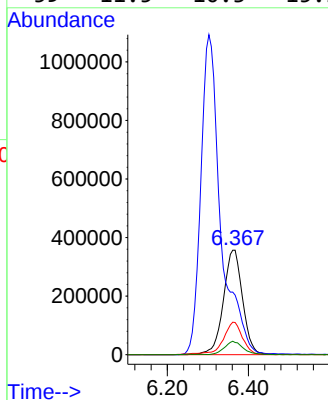
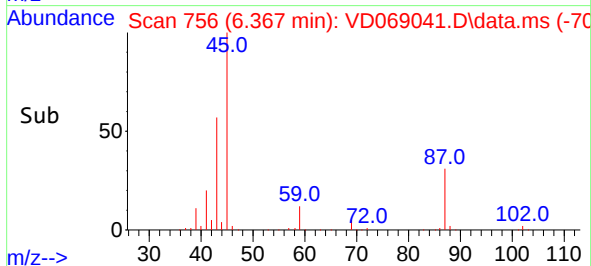


Tgt Ion: 45 Resp: 1172782

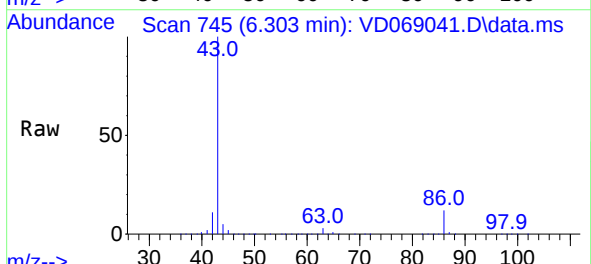
Ion	Ratio	Lower	Upper
45	100		
43	56.9	41.8	62.8
87	30.6	29.2	43.8
59	11.5	10.3	15.5

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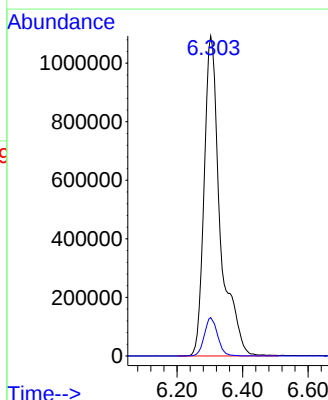
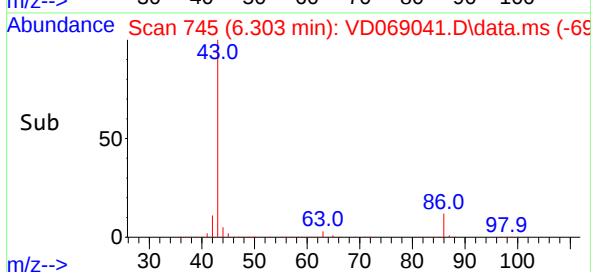


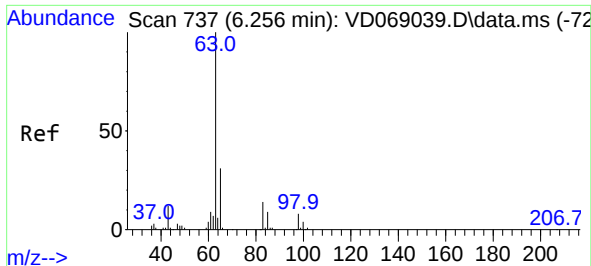
#23
Vinyl Acetate
Concen: 898.81 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 43 Resp: 3729859

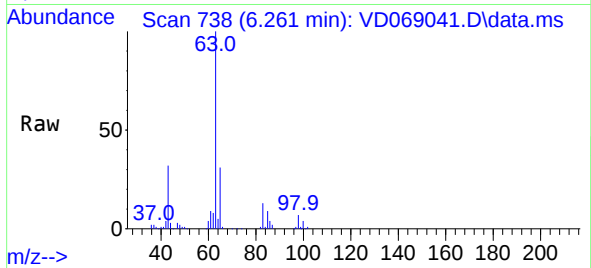
Ion	Ratio	Lower	Upper
43	100		
86	12.0	11.0	16.6





#24
1,1-Dichloroethane
Concen: 136.63 ug/l
RT: 6.261 min Scan# 738
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

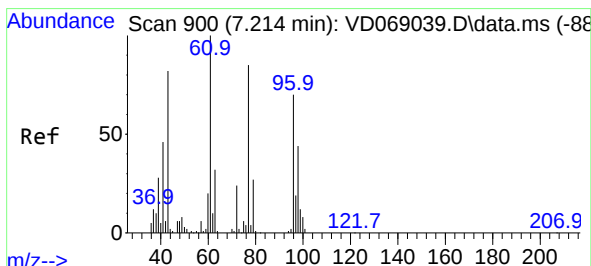
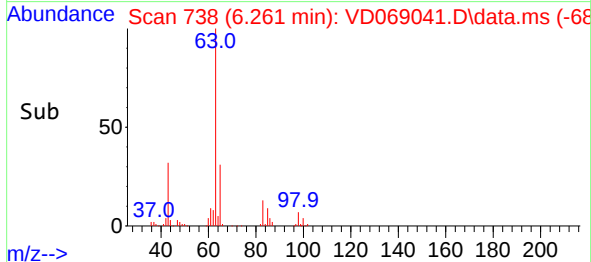
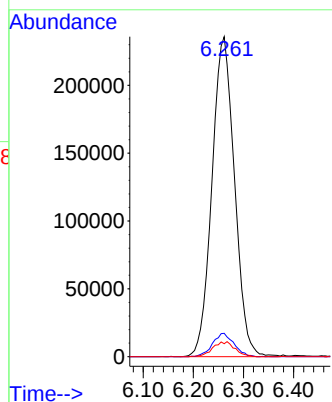
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 738180
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 4.1 2.3 6.9

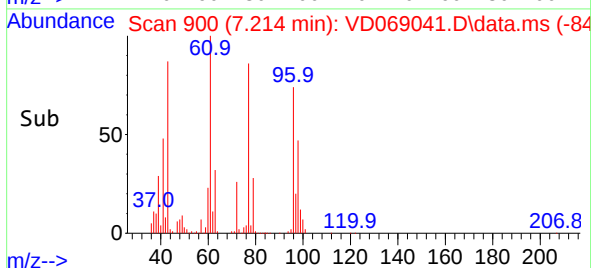
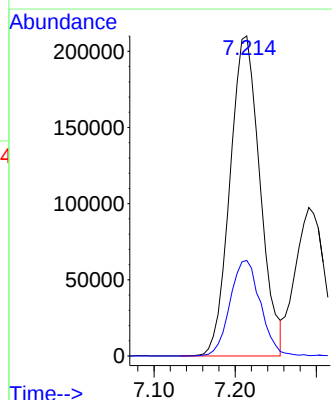
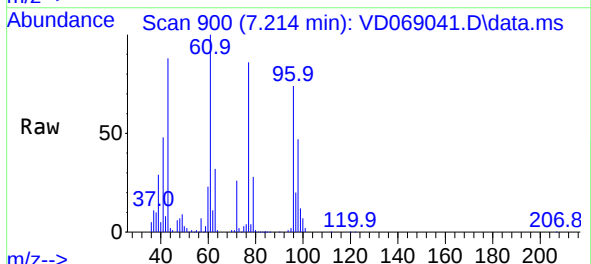
Manual Integrations
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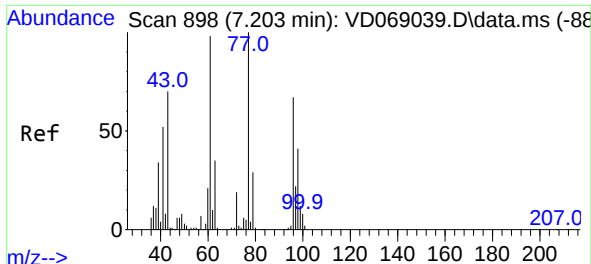
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#25
2-Butanone
Concen: 775.77 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

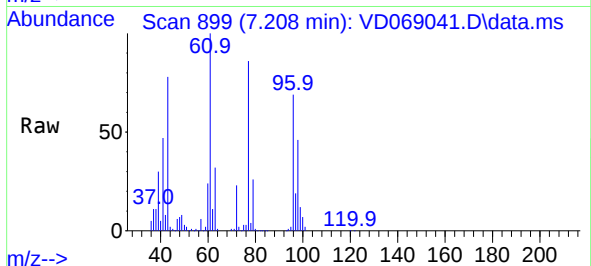
Tgt Ion: 43 Resp: 540395
Ion Ratio Lower Upper
43 100
72 29.9 28.6 43.0





#26
2,2-Dichloropropane
Concen: 135.33 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

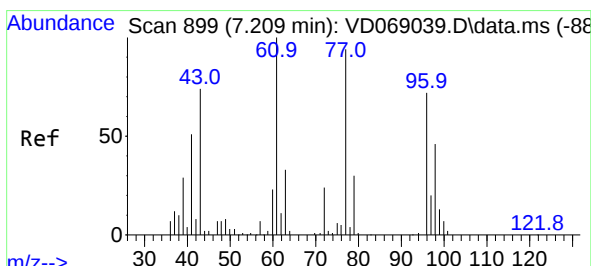
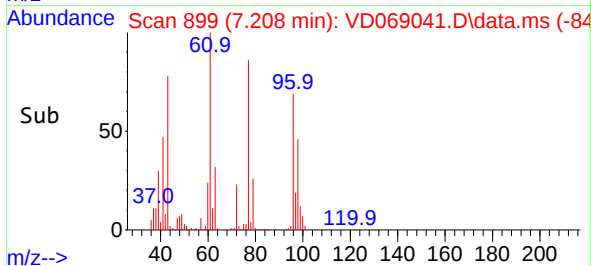
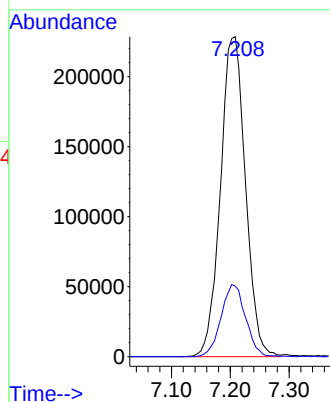
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 77 Resp: 674309
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1

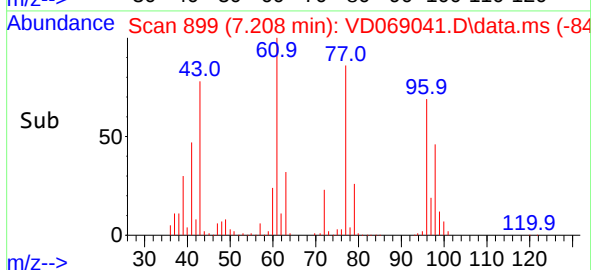
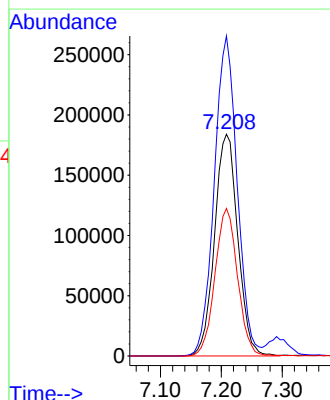
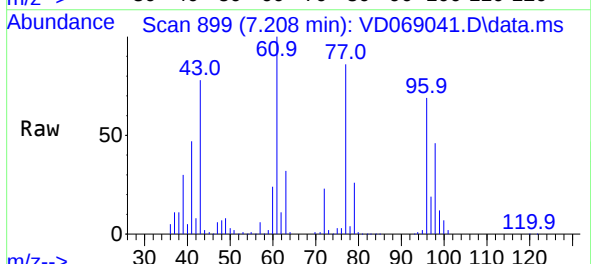
Manual Integrations
APPROVED

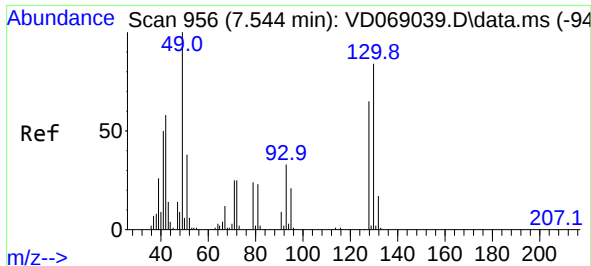
MMDadoda
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#27
cis-1,2-Dichloroethene
Concen: 148.18 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

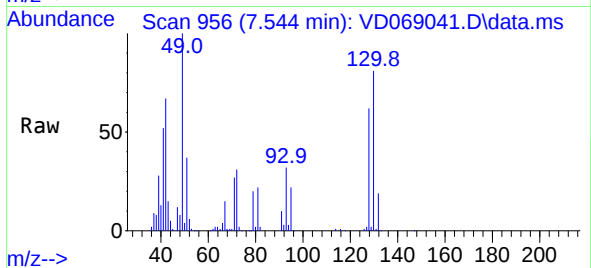
Tgt Ion: 96 Resp: 488212
Ion Ratio Lower Upper
96 100
61 142.5 0.0 258.8
98 64.6 0.0 128.4





#28
Bromochloromethane
Concen: 137.09 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

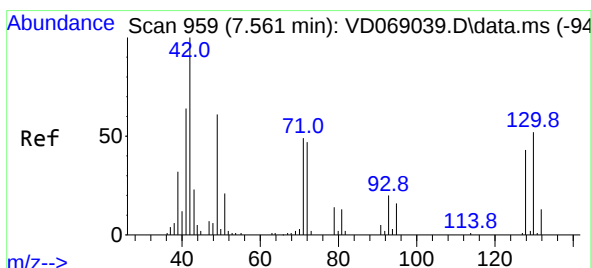
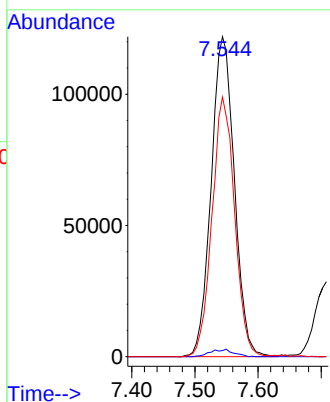
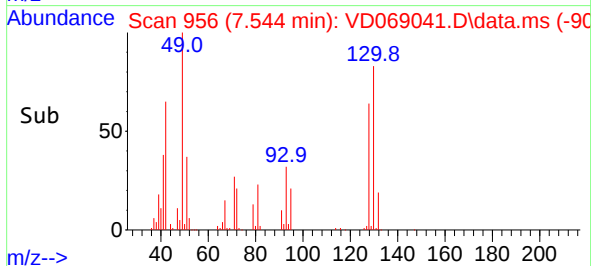
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



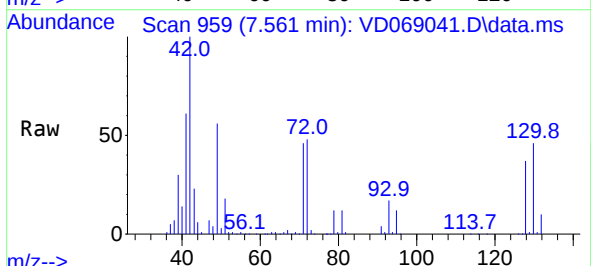
Tgt Ion: 49 Resp: 311203
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 79.0 74.6 112.0

Manual Integrations
APPROVED

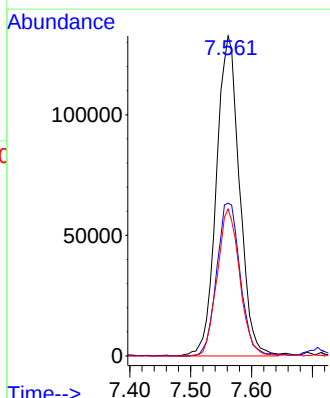
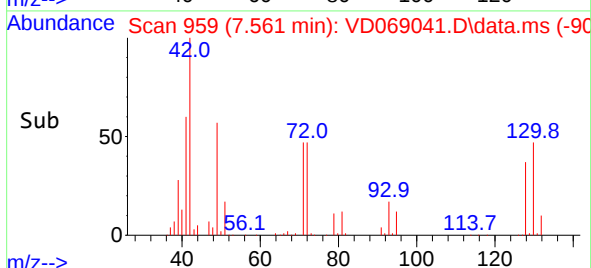
MMDadoda
5/4/2021 5:35:22 PM

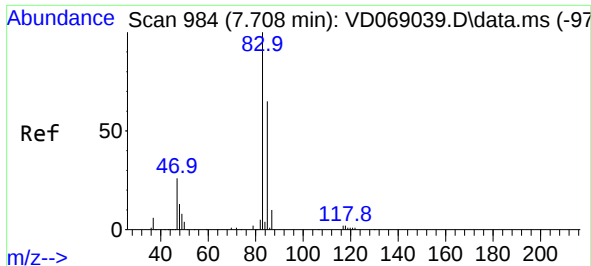


#29
Tetrahydrofuran
Concen: 799.45 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 42 Resp: 350629
Ion Ratio Lower Upper
42 100
72 48.5 45.2 67.8
71 44.9 40.8 61.2





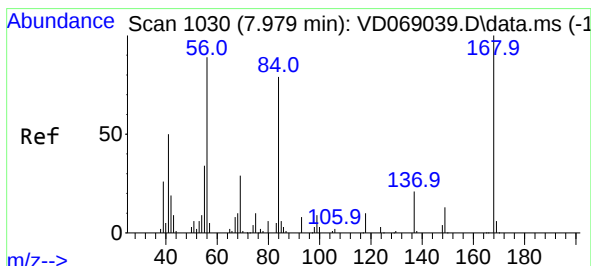
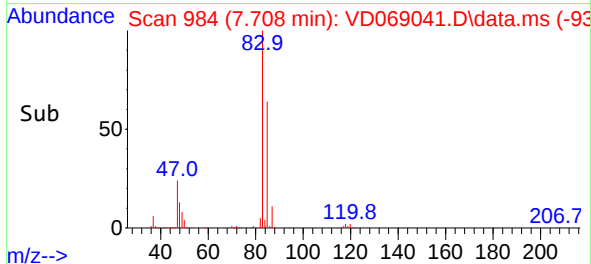
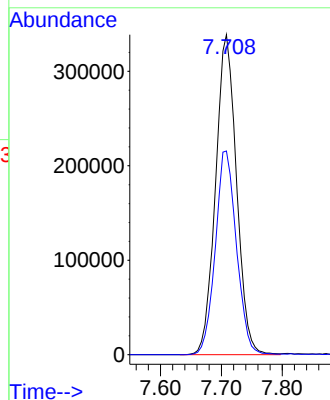
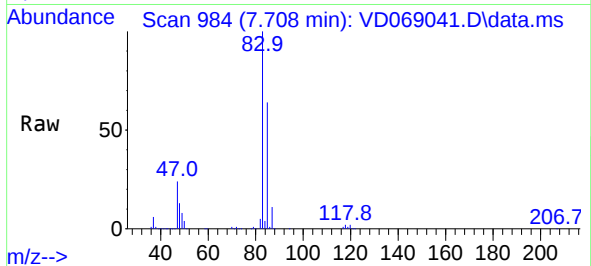
#30
Chloroform
Concen: 137.08 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 83 Resp: 809285
Ion Ratio Lower Upper
83 100
85 63.7 53.3 79.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

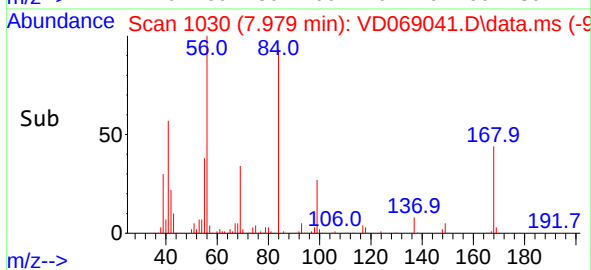
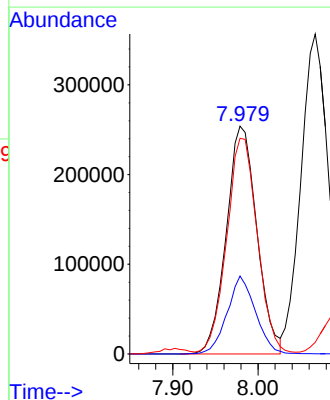
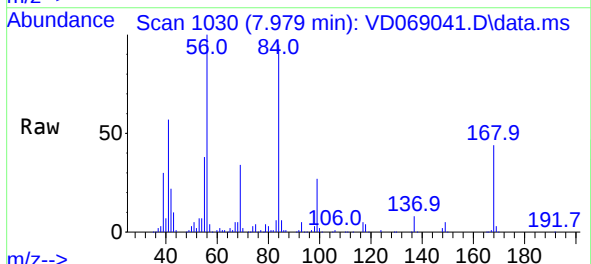
Manual Integrations
APPROVED

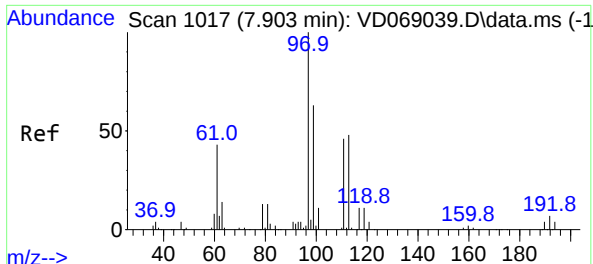
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#31
Cyclohexane
Concen: 132.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 56 Resp: 633863
Ion Ratio Lower Upper
56 100
69 34.2 30.0 45.0
84 92.7 82.0 123.0





#32

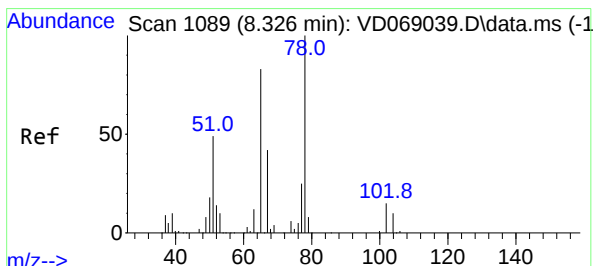
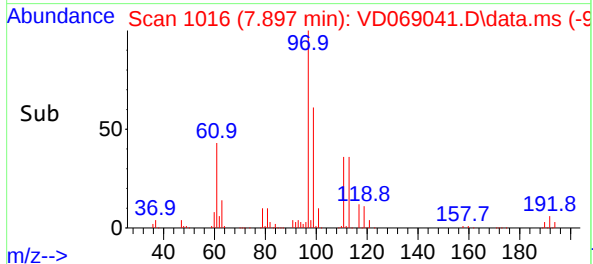
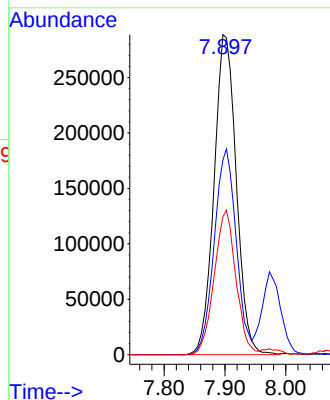
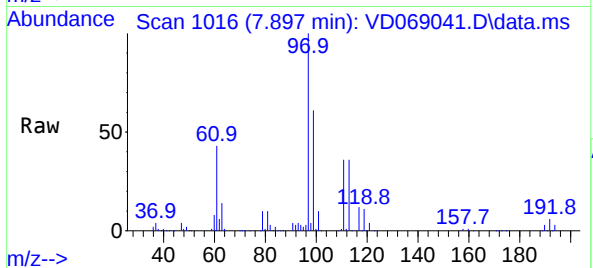
1,1,1-Trichloroethane
Concen: 135.16 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 97 Resp: 733064
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 44.0 33.7 50.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

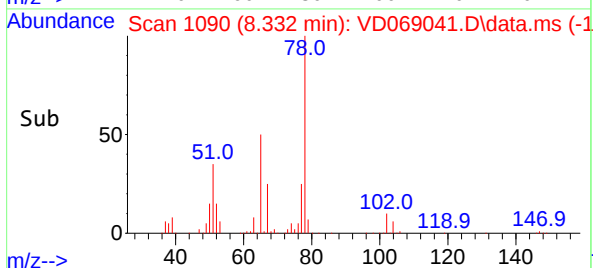
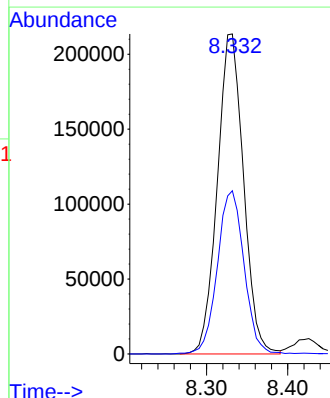
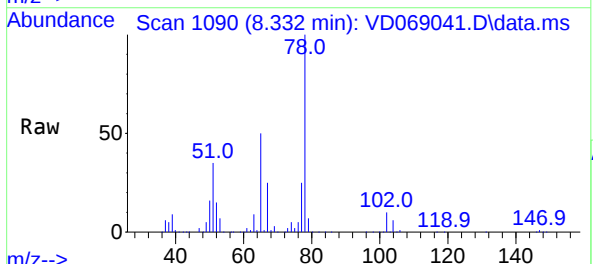
MMDadoda
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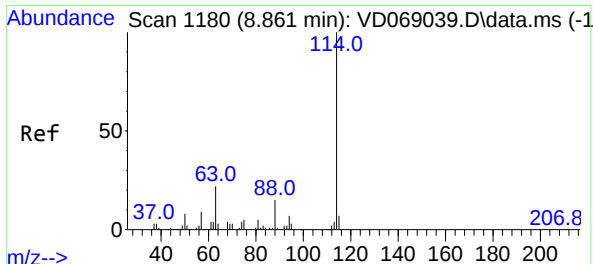


#33

1,2-Dichloroethane-d4
Concen: 153.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

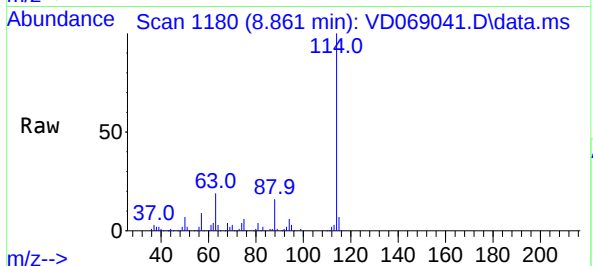
Tgt Ion: 65 Resp: 479062
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

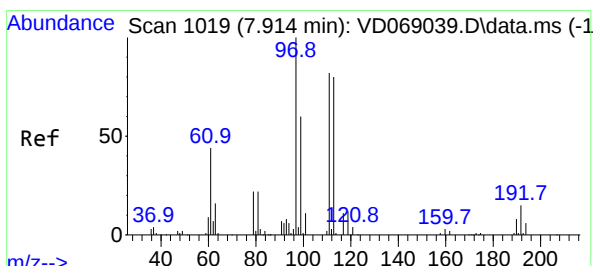
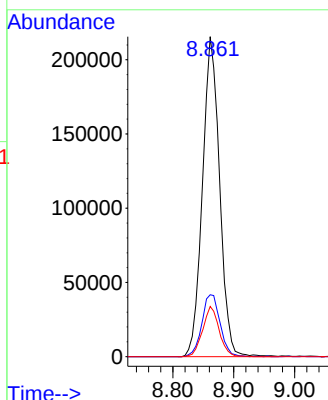
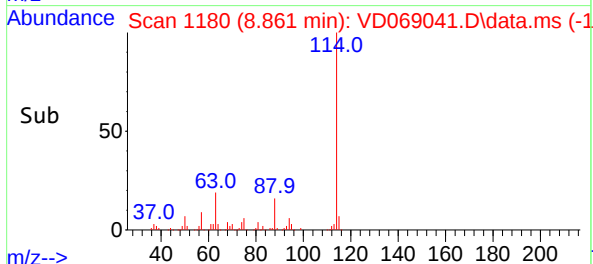
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



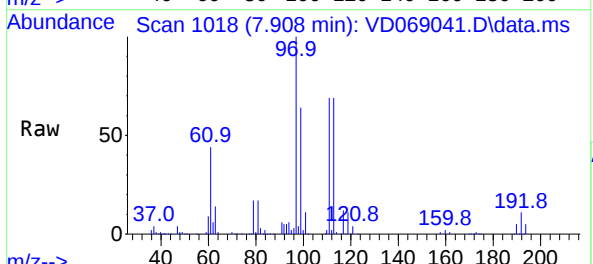
Tgt Ion:114 Resp: 421019
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.2
88 15.7 0.0 29.4

Manual Integrations
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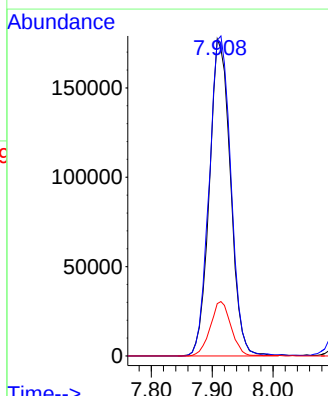
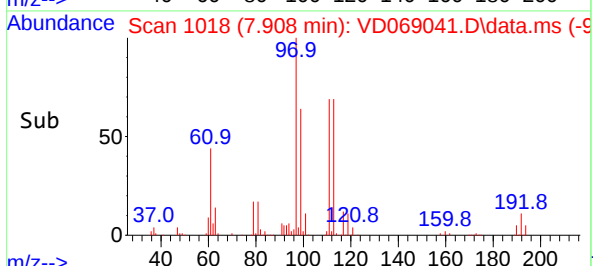
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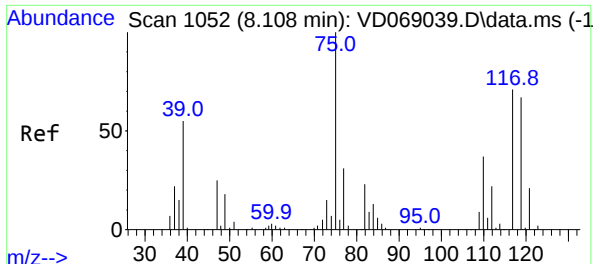


#35
Dibromofluoromethane
Concen: 155.43 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion:113 Resp: 425316
Ion Ratio Lower Upper
113 100
111 104.1 82.5 123.7
192 17.0 15.1 22.7





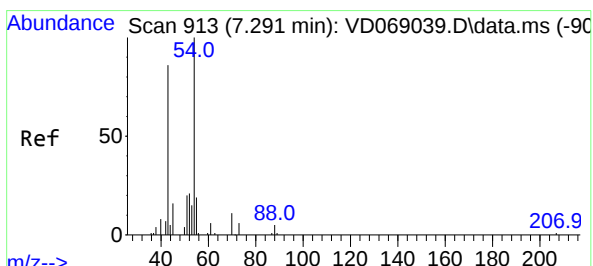
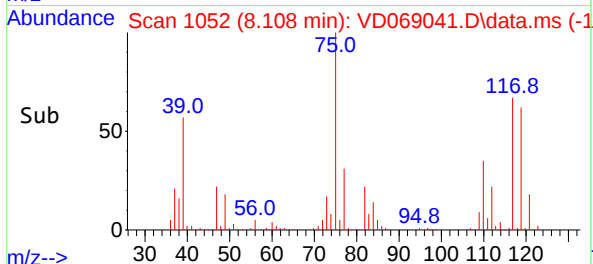
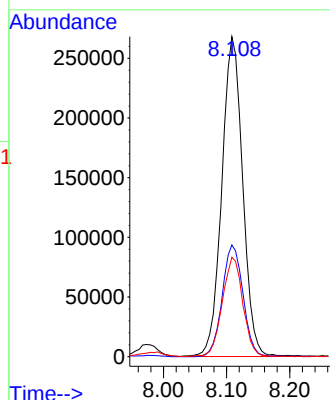
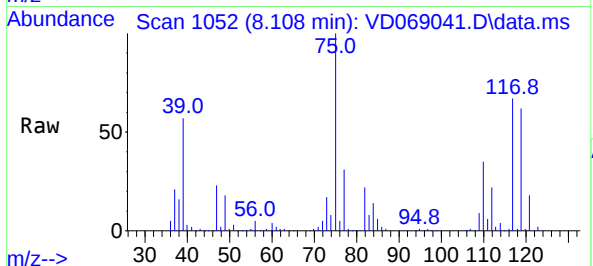
#36
1,1-Dichloropropene
Concen: 146.31 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 75 Resp: 615172
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.4
77 30.8 24.7 37.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

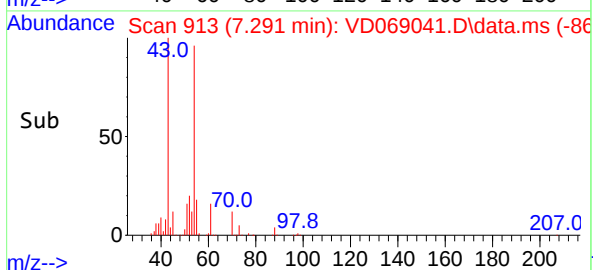
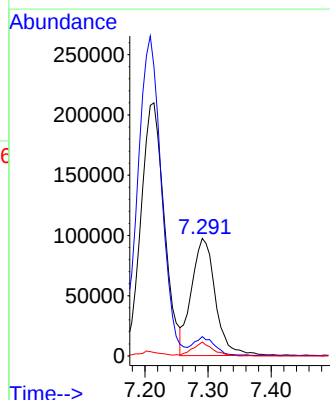
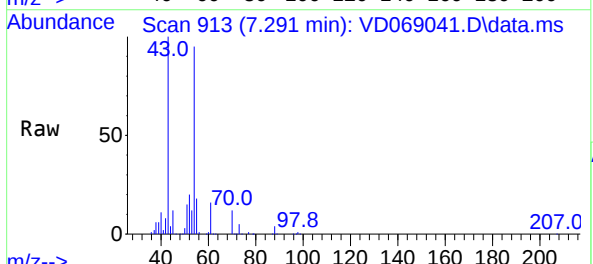
Manual Integrations
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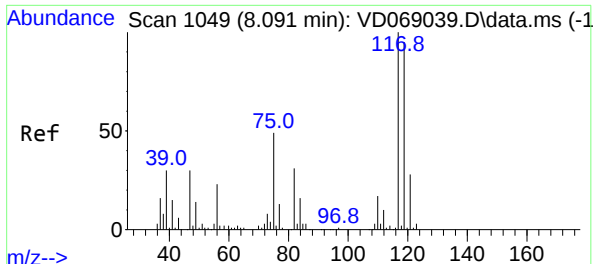
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#37
Ethyl Acetate
Concen: 157.83 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

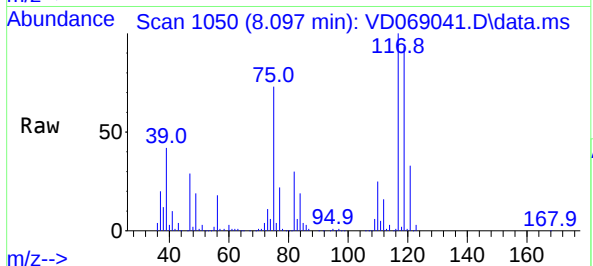
Tgt Ion: 43 Resp: 255039
Ion Ratio Lower Upper
43 100
61 14.1 14.2 21.4#
70 10.0 9.4 14.0





#38
Carbon Tetrachloride
Concen: 143.95 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

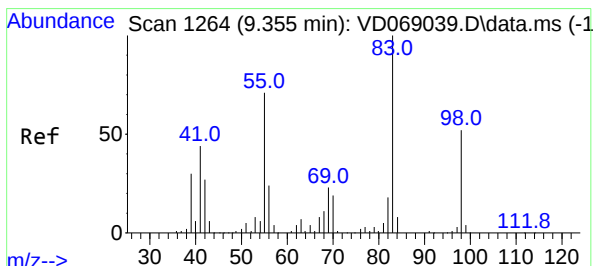
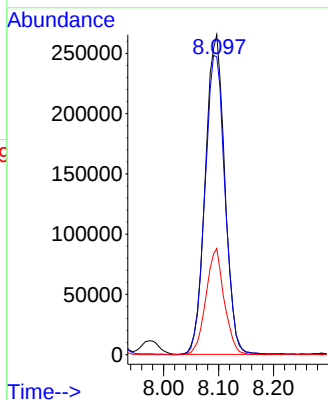
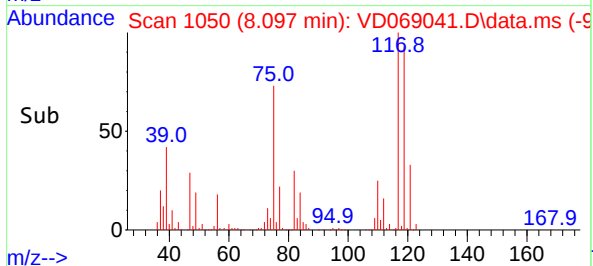
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



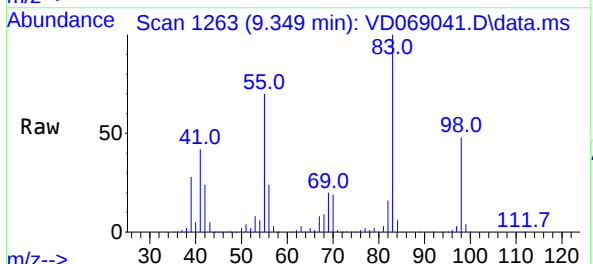
Tgt Ion:117 Resp: 652682
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
121 33.2 26.1 39.1

Manual Integrations
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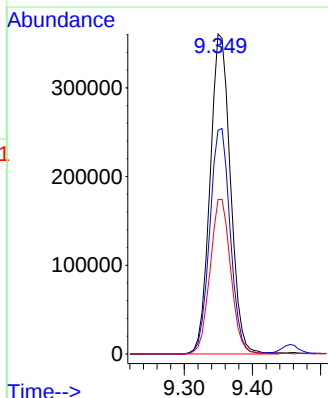
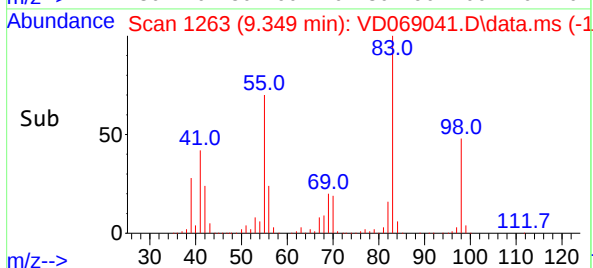
MMDadoda
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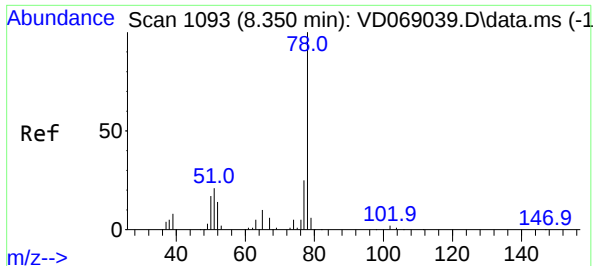


#39
Methylcyclohexane
Concen: 161.83 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 83 Resp: 750330
Ion Ratio Lower Upper
83 100
55 69.9 51.7 77.5
98 48.2 38.8 58.2





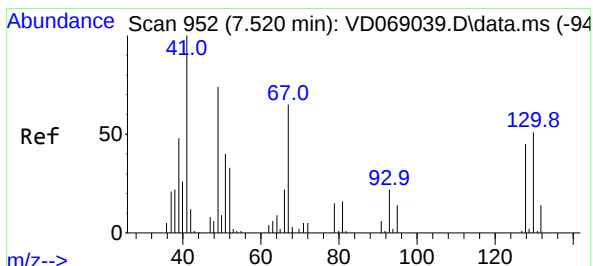
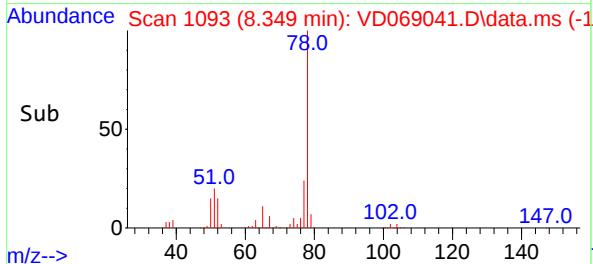
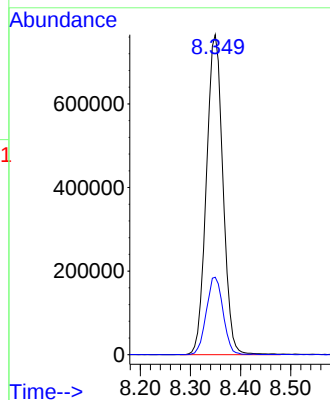
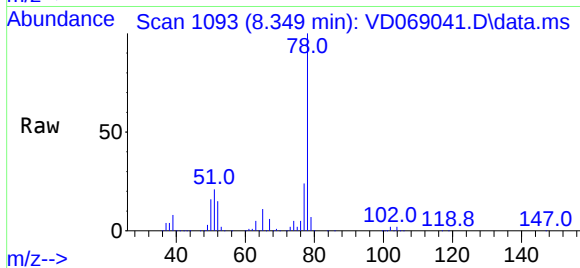
#40
Benzene
Concen: 146.29 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 78 Resp: 1755329
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

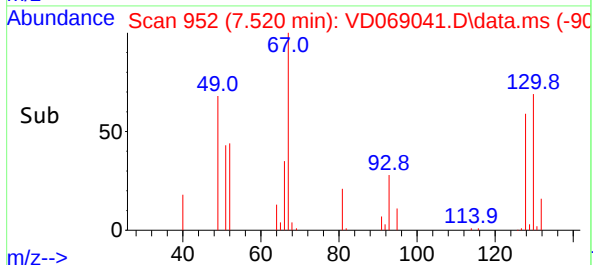
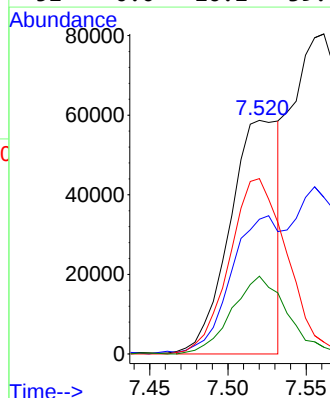
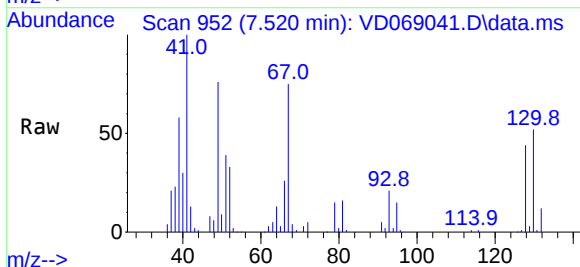
Manual Integrations
APPROVED

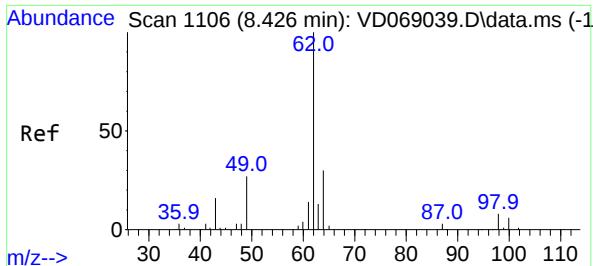
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#41
Methacrylonitrile
Concen: 145.46 ug/l m
RT: 7.520 min Scan# 952
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 41 Resp: 128925
Ion Ratio Lower Upper
41 100
39 78.6 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#





#42

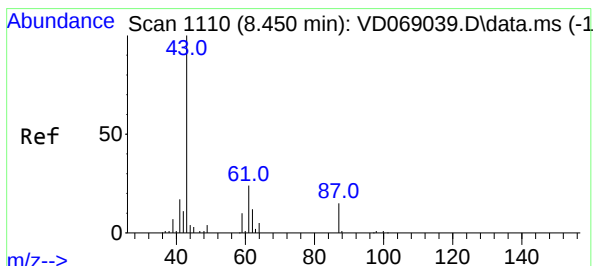
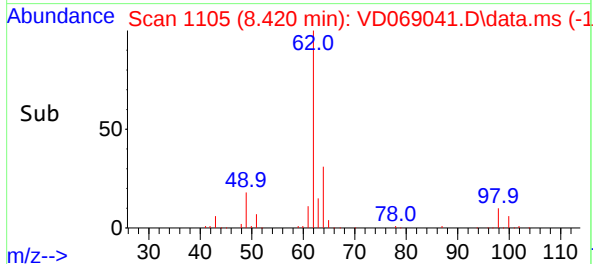
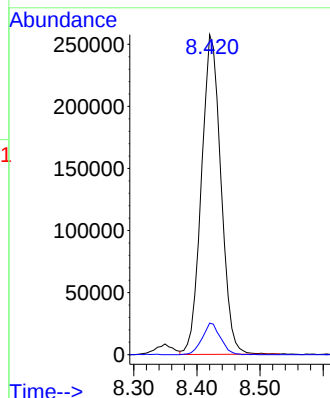
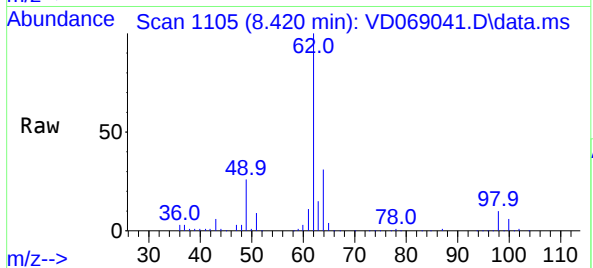
1,2-Dichloroethane
Concen: 143.77 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 62 Resp: 552537
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

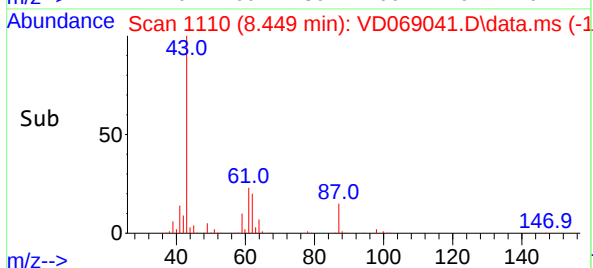
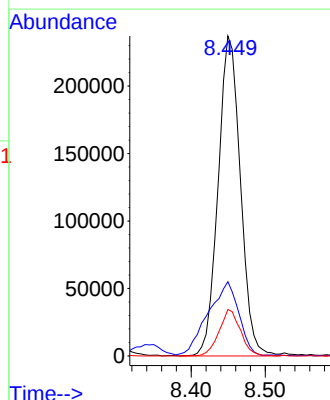
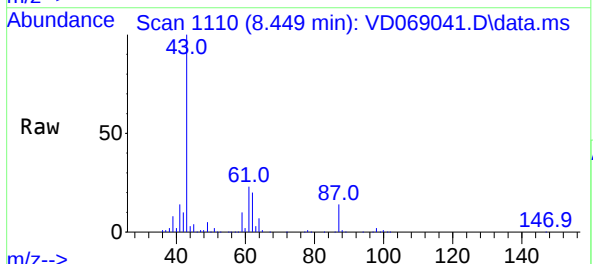
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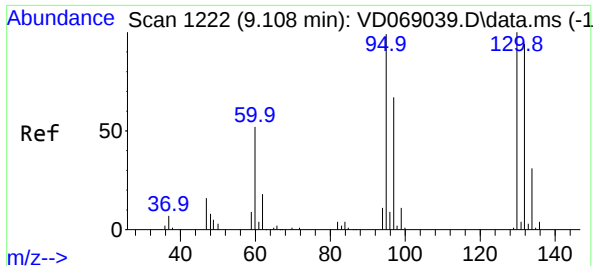


#43

Isopropyl Acetate
Concen: 160.68 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 43 Resp: 495680
Ion Ratio Lower Upper
43 100
61 31.4 29.5 44.3
87 13.9 13.5 20.3





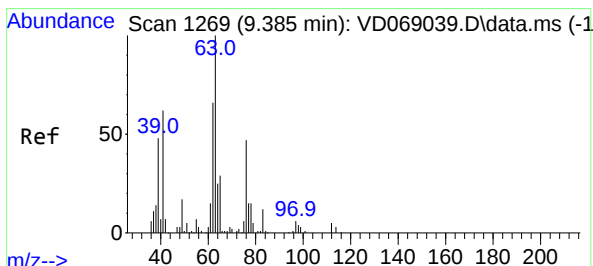
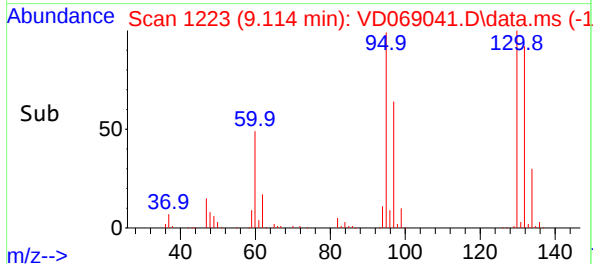
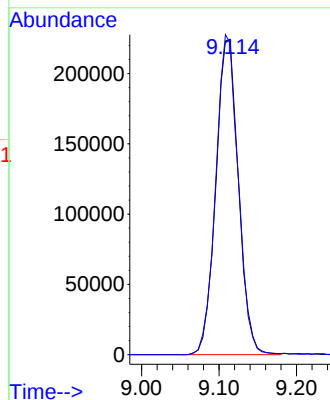
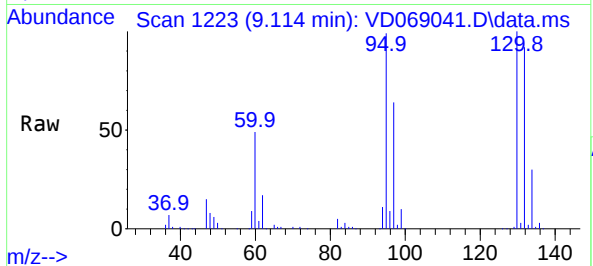
#44
Trichloroethene
Concen: 145.03 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:130 Resp: 454278
Ion Ratio Lower Upper
130 100
95 98.7 0.0 203.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

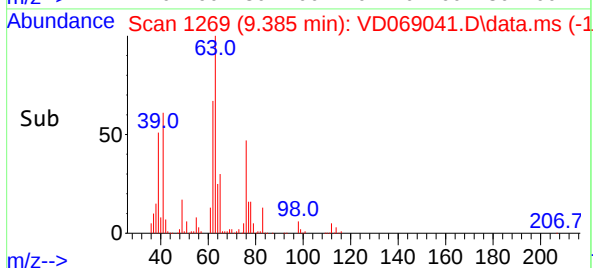
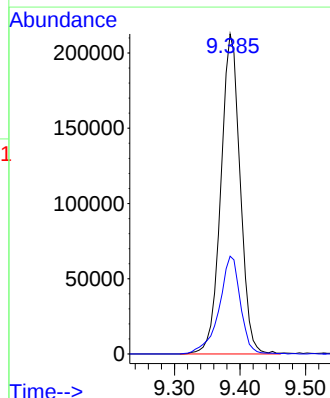
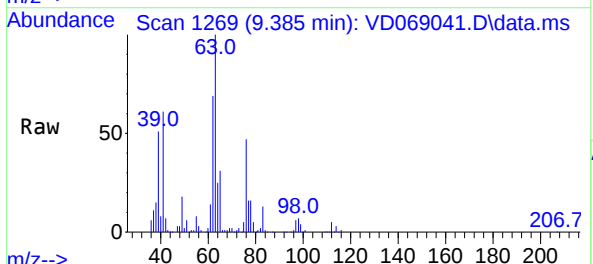
Manual Integrations
APPROVED

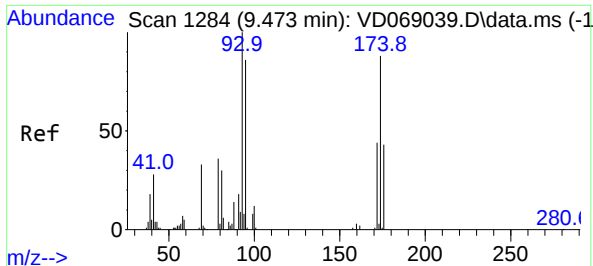
MMDadoda
5/4/2021 5:35:22 PM



#45
1,2-Dichloropropane
Concen: 146.50 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 63 Resp: 433375
Ion Ratio Lower Upper
63 100
65 30.6 27.0 40.4





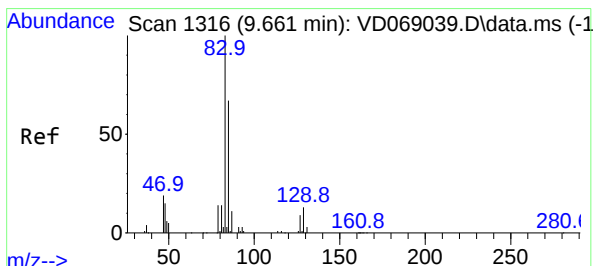
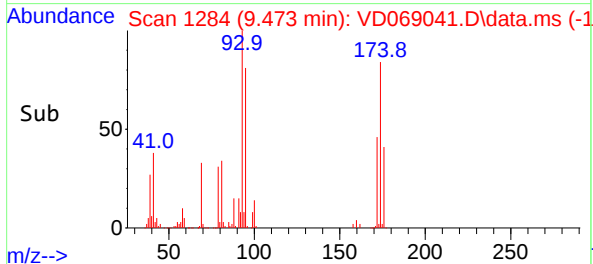
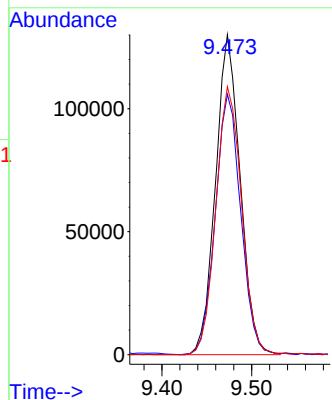
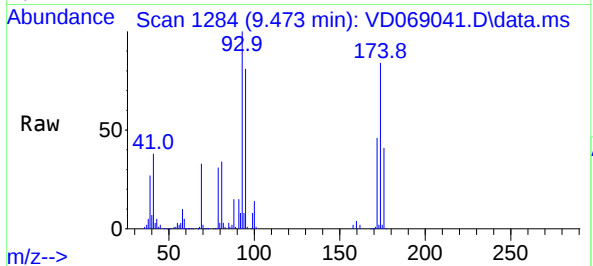
#46
Dibromomethane
Concen: 142.92 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 93 Resp: 248141
Ion Ratio Lower Upper
93 100
95 84.2 64.5 96.7
174 87.3 75.3 112.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

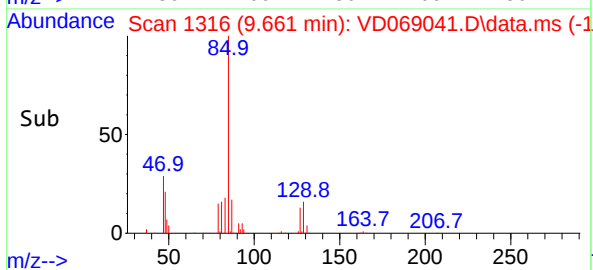
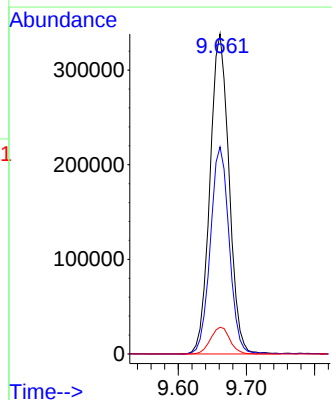
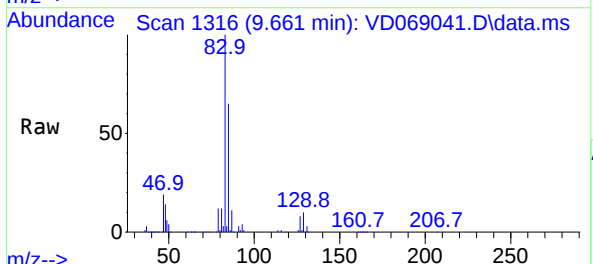
Manual Integrations
APPROVED

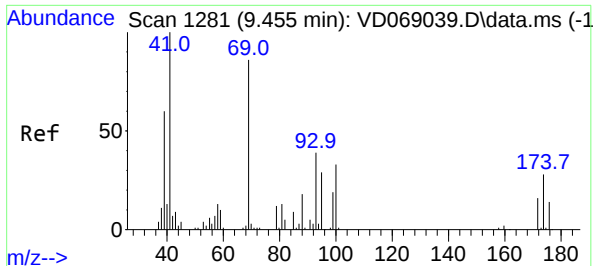
MMDadoda
5/4/2021 5:35:22 PM



#47
Bromodichloromethane
Concen: 143.16 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 83 Resp: 658554
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6
127 8.3 7.1 10.7





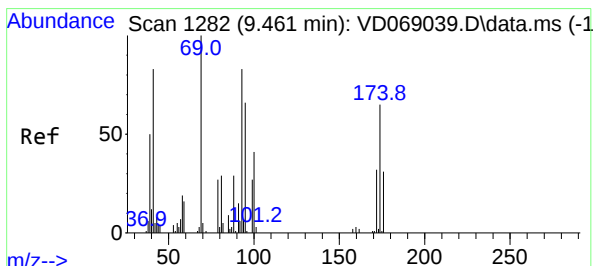
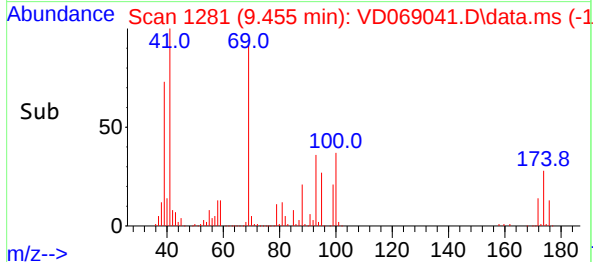
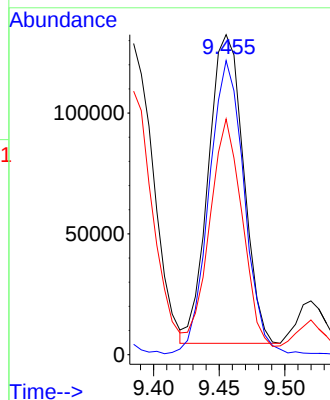
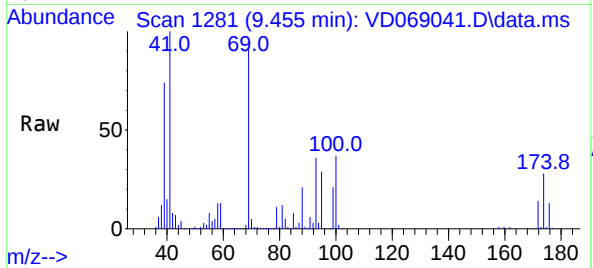
#48
Methyl methacrylate
Concen: 173.45 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 41 Resp: 238020
Ion Ratio Lower Upper
41 100
69 95.6 83.0 124.6
39 67.7 47.0 70.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

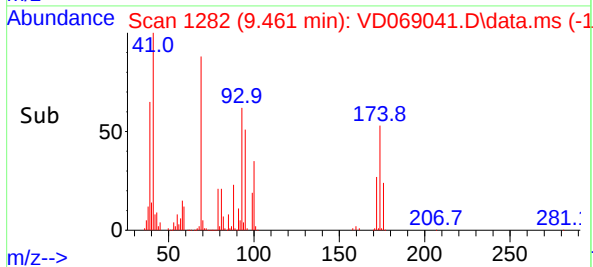
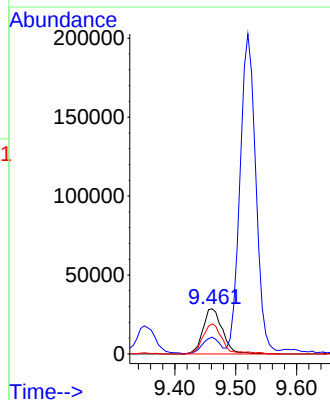
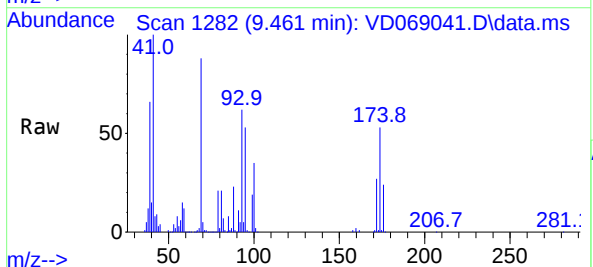
Manual Integrations
APPROVED

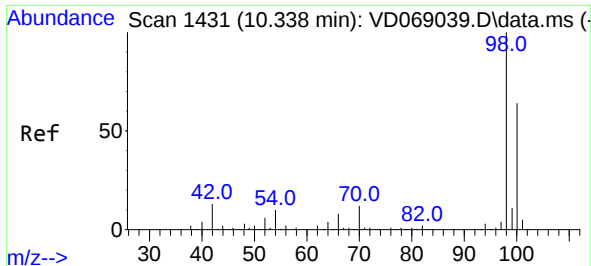
MMDadoda
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#49
1,4-Dioxane
Concen: 3187.09 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 88 Resp: 63357
Ion Ratio Lower Upper
88 100
43 34.6 25.8 38.8
58 63.3 54.0 81.0





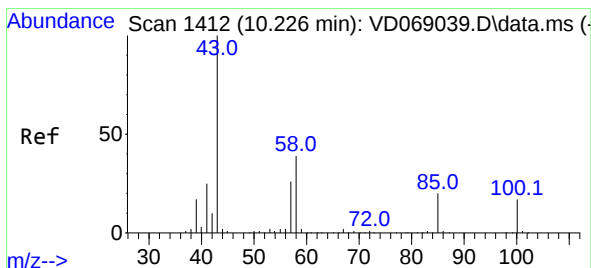
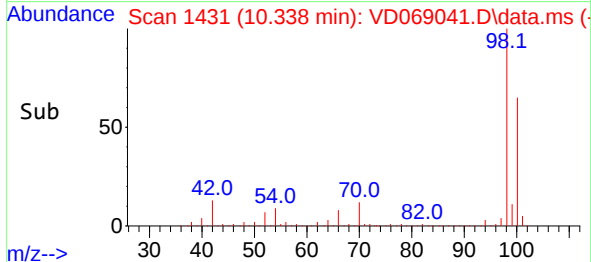
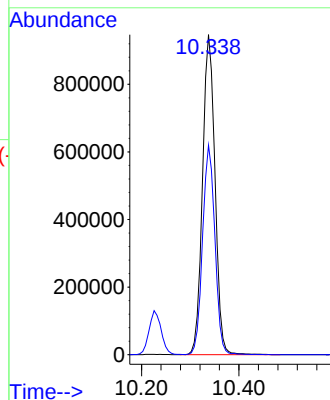
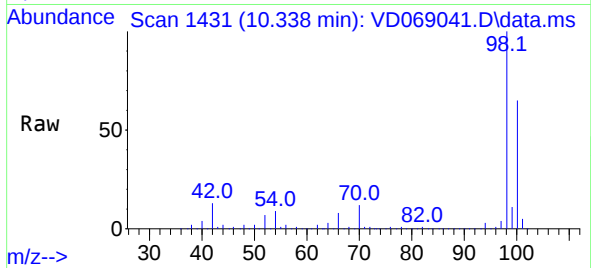
#50
Toluene-d8
Concen: 170.45 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 98 Resp: 1680291
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

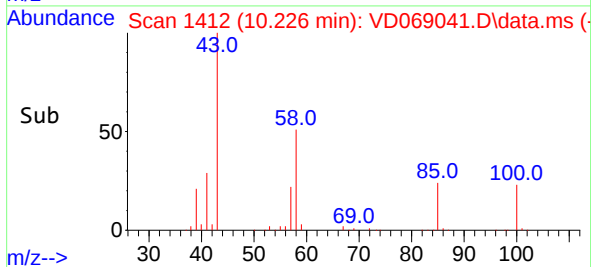
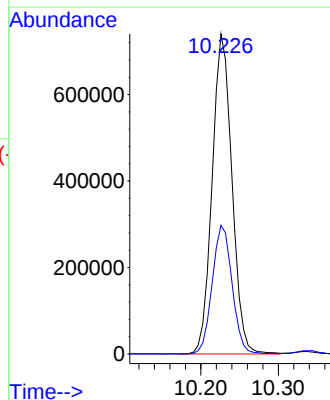
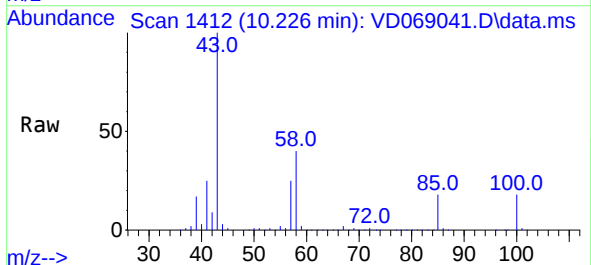
Manual Integrations
APPROVED

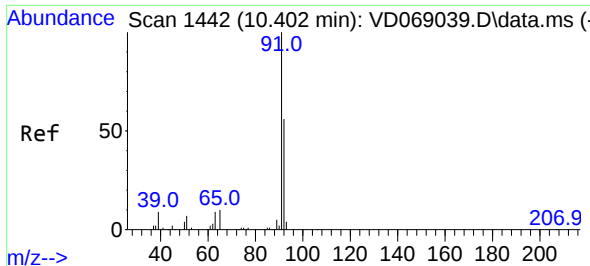
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 844.08 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

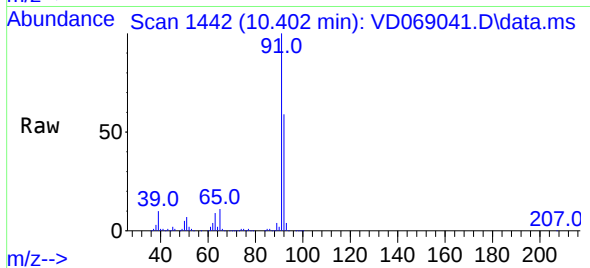
Tgt Ion: 43 Resp: 1311038
Ion Ratio Lower Upper
43 100
58 40.4 37.3 55.9





#52
Toluene
Concen: 155.70 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

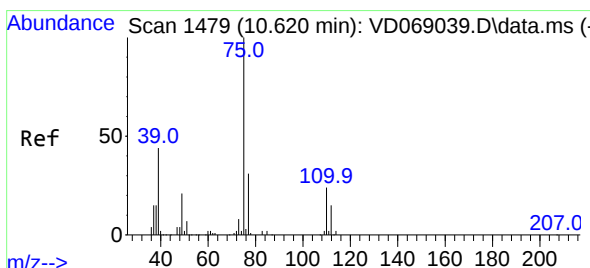
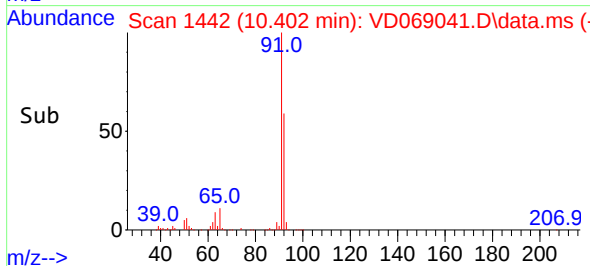
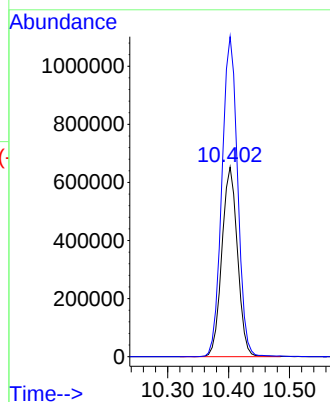
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 92 Resp: 1161198
Ion Ratio Lower Upper
92 100
91 170.6 139.1 208.7

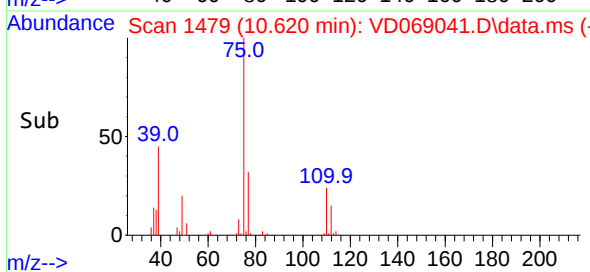
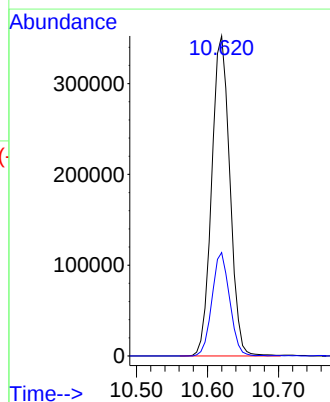
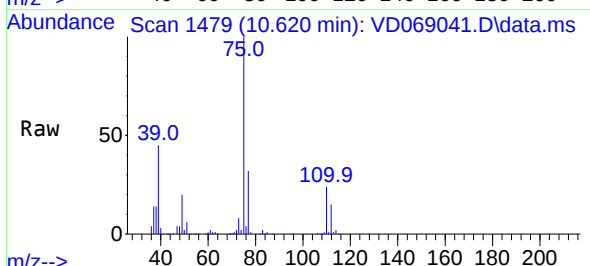
Manual Integrations
APPROVED

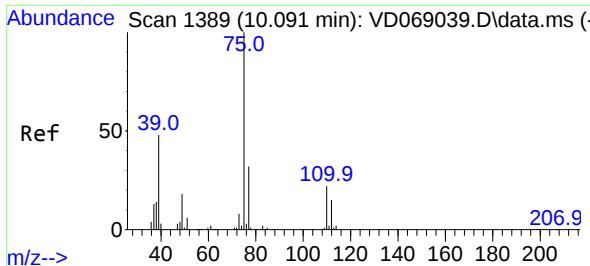
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#53
t-1,3-Dichloropropene
Concen: 159.06 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

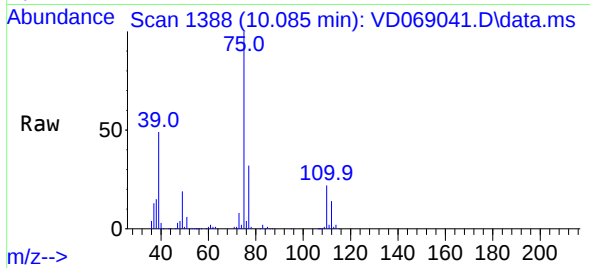
Tgt Ion: 75 Resp: 624575
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7





#54
cis-1,3-Dichloropropene
Concen: 159.87 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

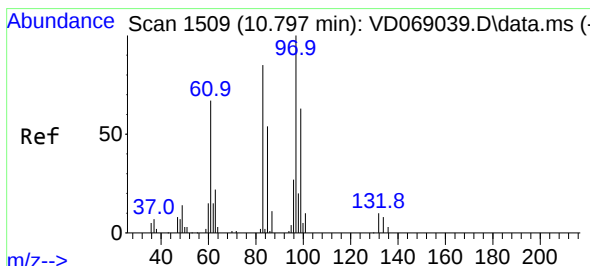
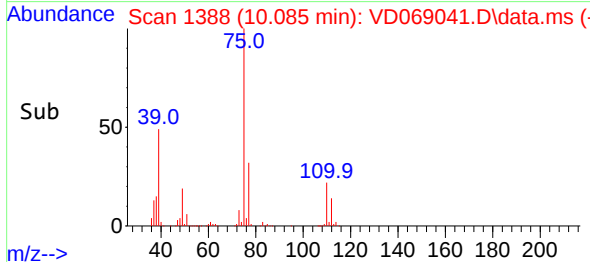
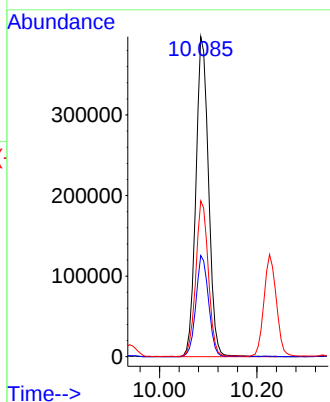
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 719481
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 48.6 30.2 45.2#

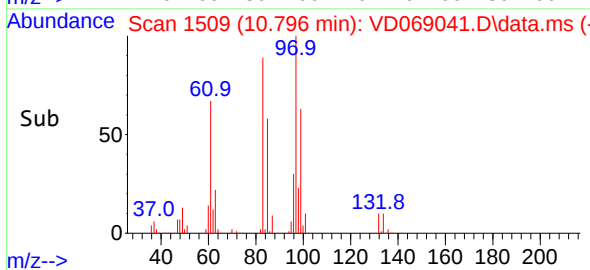
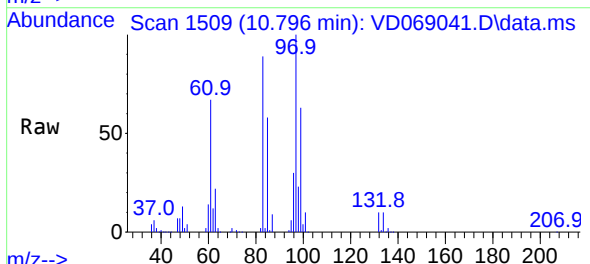
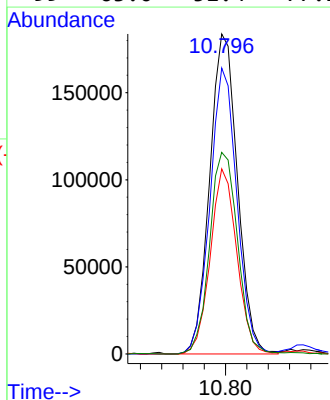
Manual Integrations
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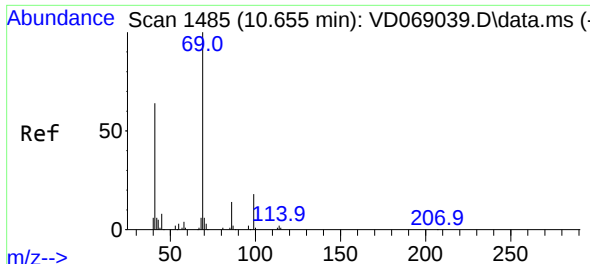
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#55
1,1,2-Trichloroethane
Concen: 146.04 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 97 Resp: 332589
Ion Ratio Lower Upper
97 100
83 89.3 65.7 98.5
85 57.8 44.3 66.5
99 63.0 51.4 77.2





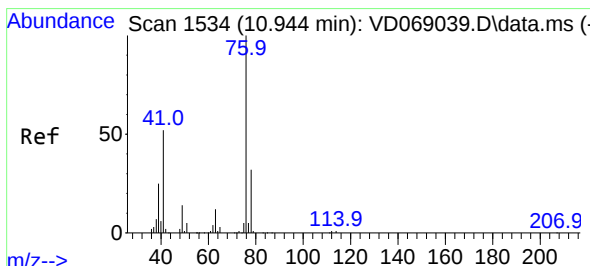
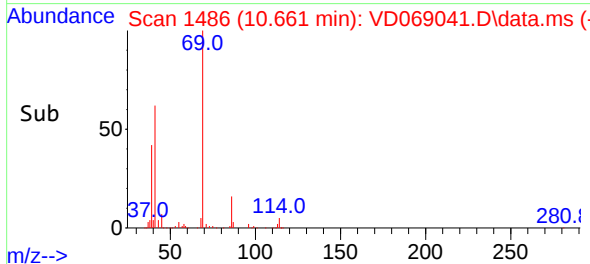
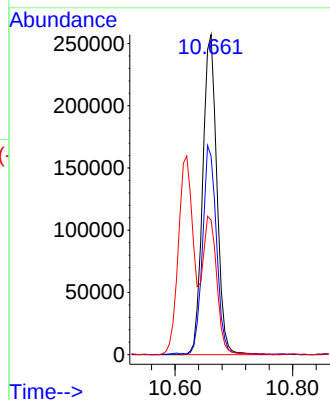
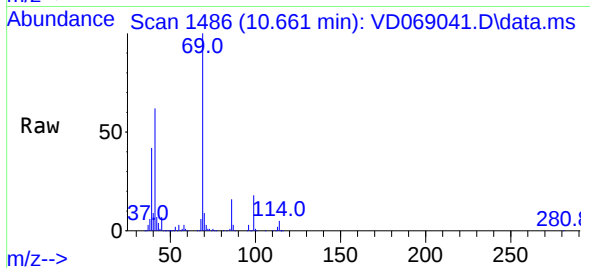
#56
Ethyl methacrylate
Concen: 184.96 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 69 Resp: 431670
Ion Ratio Lower Upper
69 100
41 63.8 42.2 63.4#
39 43.6 24.2 36.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

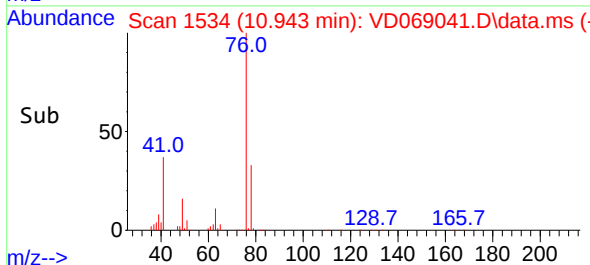
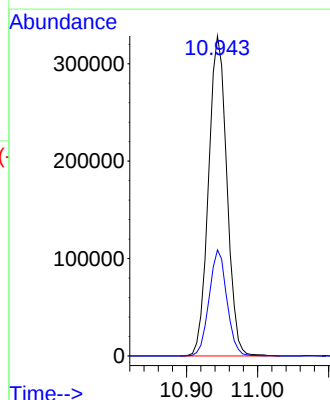
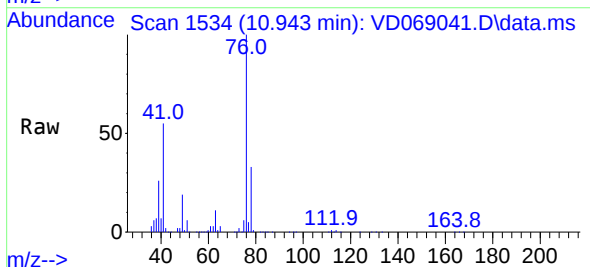
Manual Integrations
APPROVED

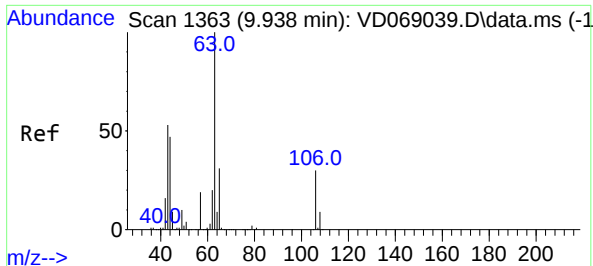
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#57
1,3-Dichloropropane
Concen: 150.94 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 76 Resp: 589285
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6





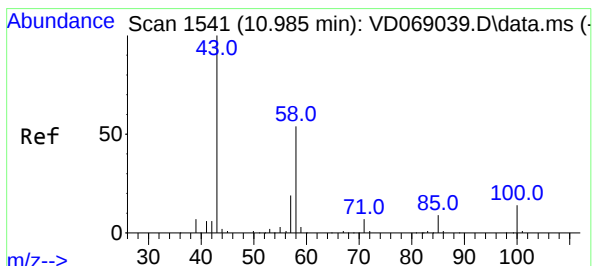
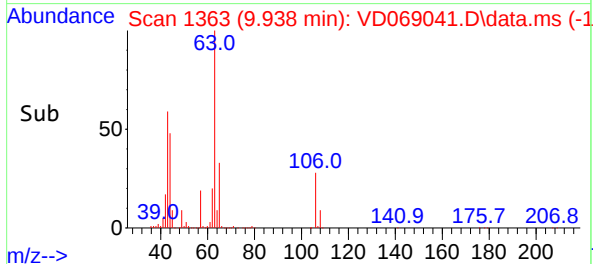
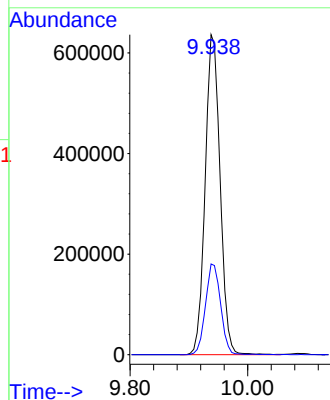
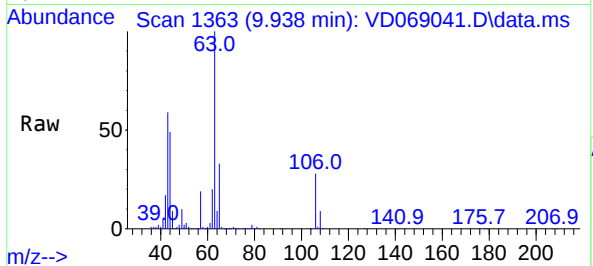
#58
2-Chloroethyl Vinyl ether
Concen: 877.68 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 63 Resp: 1118825
Ion Ratio Lower Upper
63 100
106 28.7 24.6 36.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

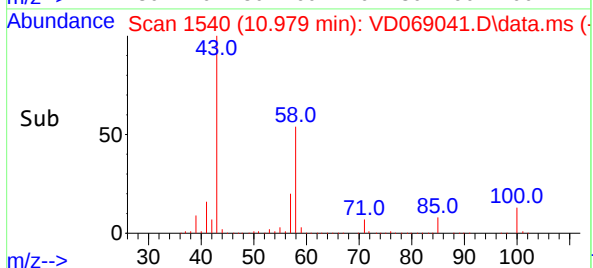
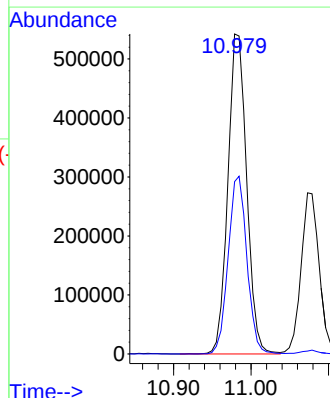
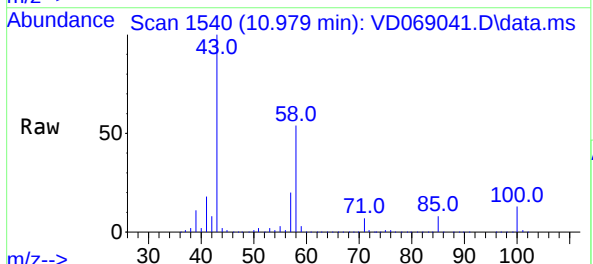
Manual Integrations
APPROVED

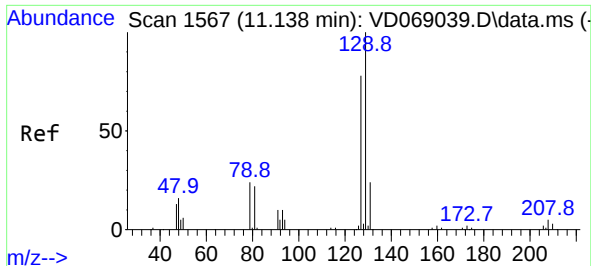
MMDadoda
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#59
2-Hexanone
Concen: 874.80 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 43 Resp: 913380
Ion Ratio Lower Upper
43 100
58 55.5 31.3 93.8





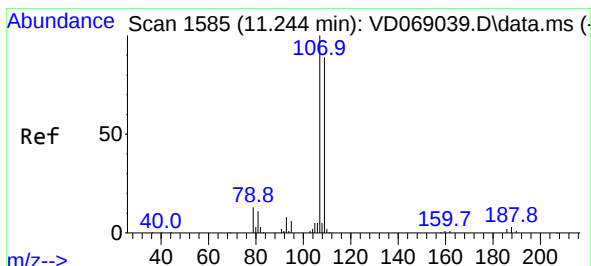
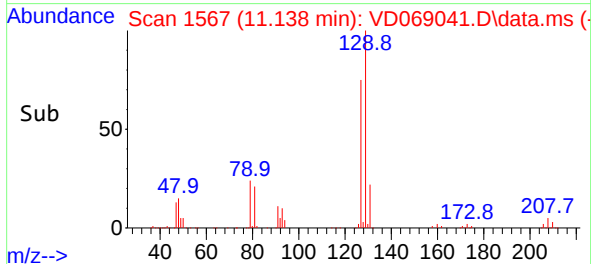
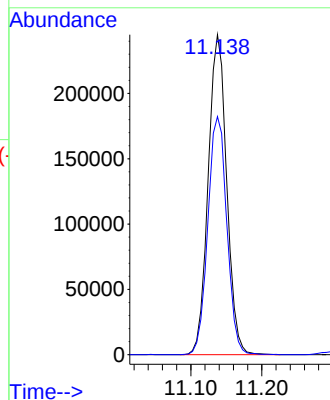
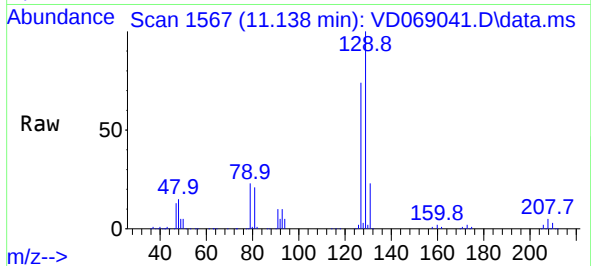
#60
Dibromochloromethane
Concen: 151.15 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:129 Resp: 443237
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

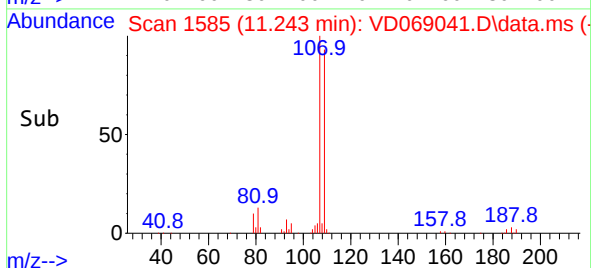
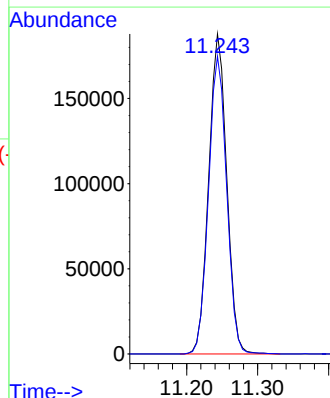
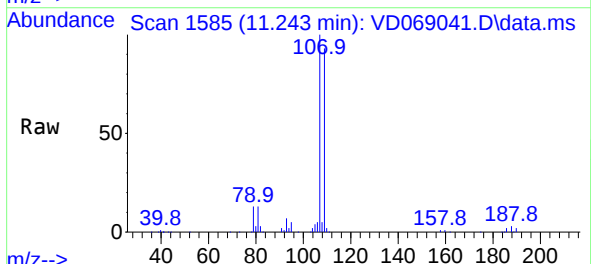
Manual Integrations
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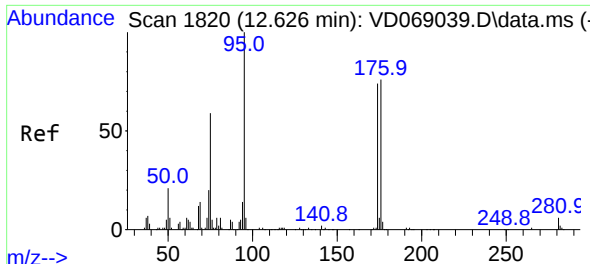
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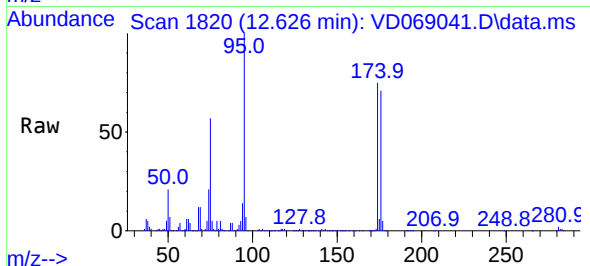
#61
1,2-Dibromoethane
Concen: 151.68 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:107 Resp: 331481
Ion Ratio Lower Upper
107 100
109 93.8 74.9 112.3

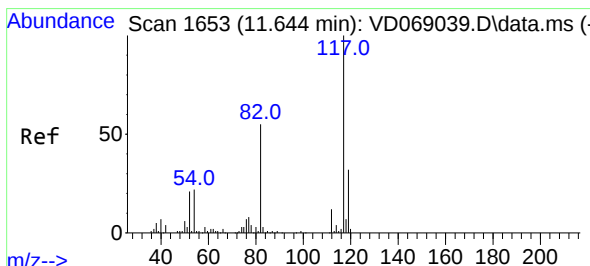
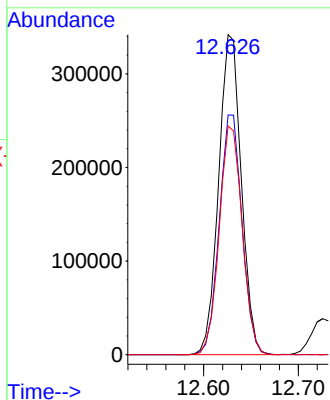
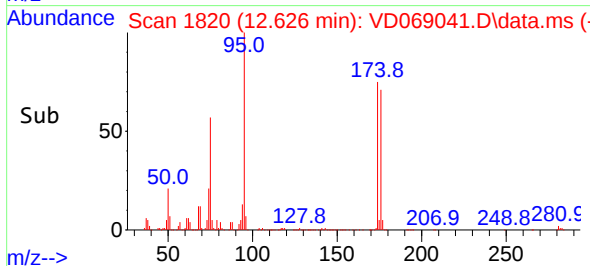




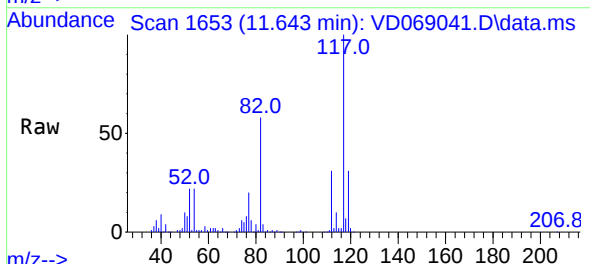
#62
4-Bromofluorobenzene
Concen: 170.74 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



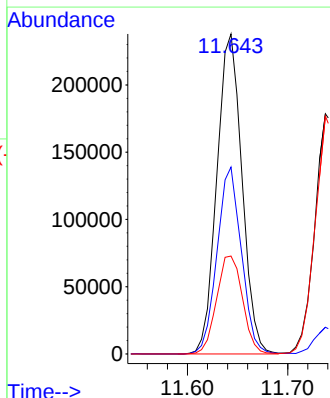
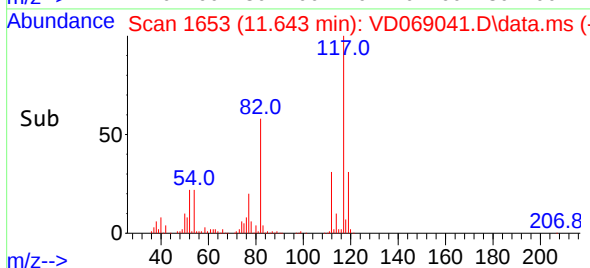
Tgt Ion: 95 Resp: 568013
Ion Ratio Lower Upper
95 100
174 75.5 0.0 168.0
176 72.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



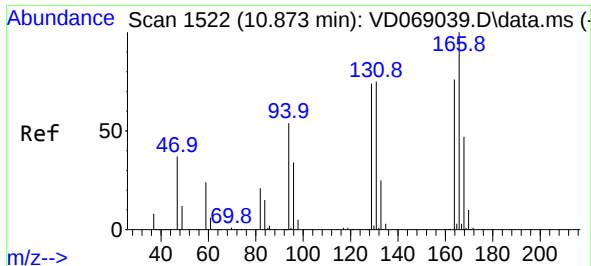
Tgt Ion: 117 Resp: 414149
Ion Ratio Lower Upper
117 100
82 58.4 43.5 65.3
119 30.6 26.7 40.1



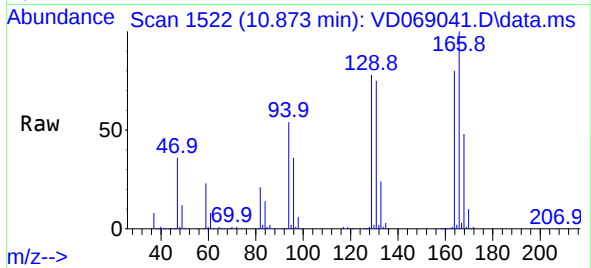
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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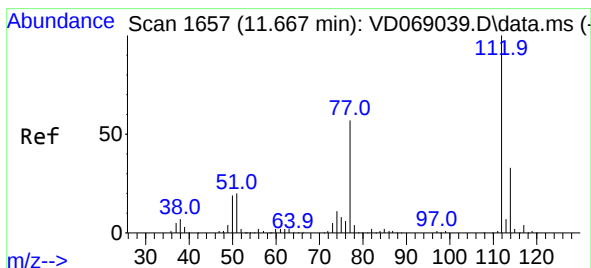
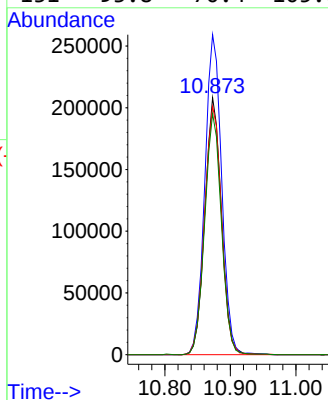
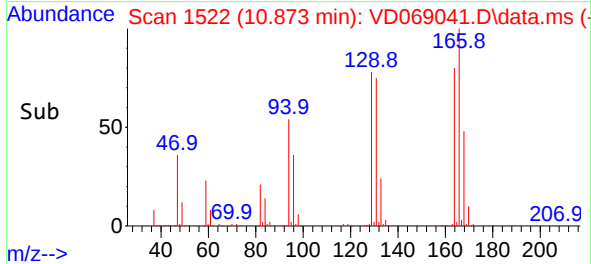
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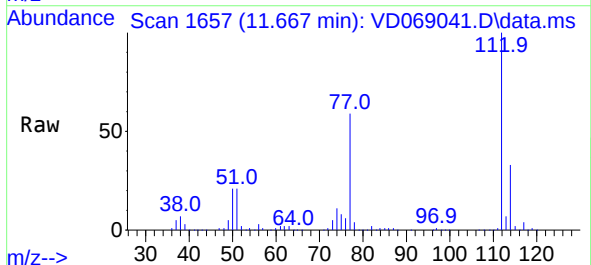
#64
Tetrachloroethene
Concen: 141.50 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



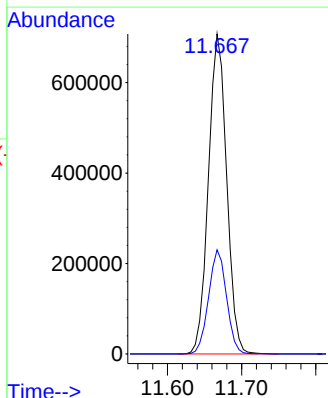
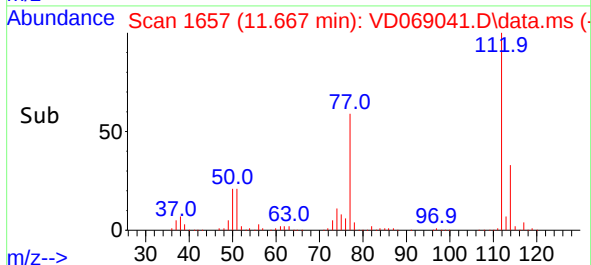
Tgt Ion:164 Resp: 367016
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 96.6 77.4 116.0
131 93.8 70.4 105.6



#65
Chlorobenzene
Concen: 143.36 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



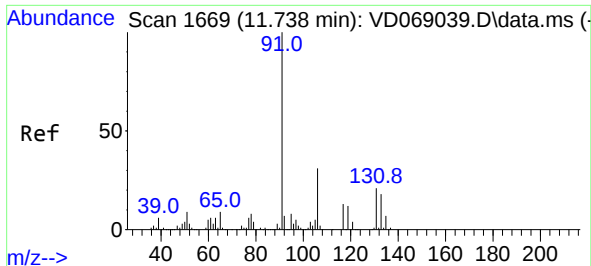
Tgt Ion:112 Resp: 1209890
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

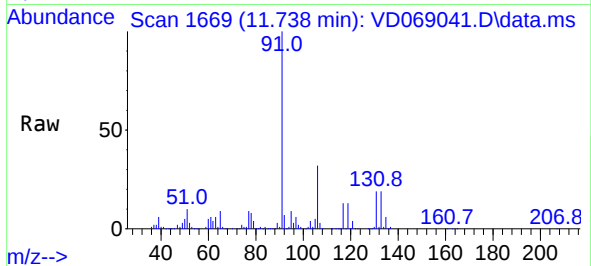
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#66
1,1,1,2-Tetrachloroethane
Concen: 141.67 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

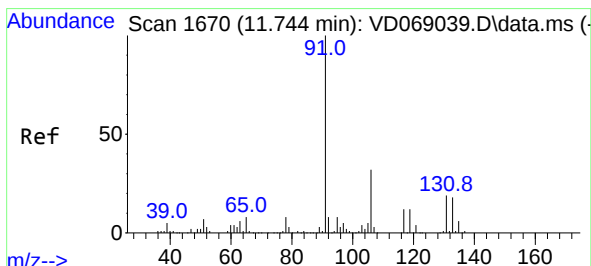
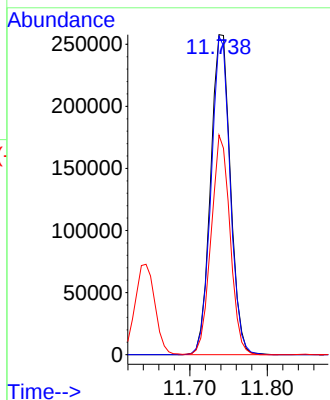
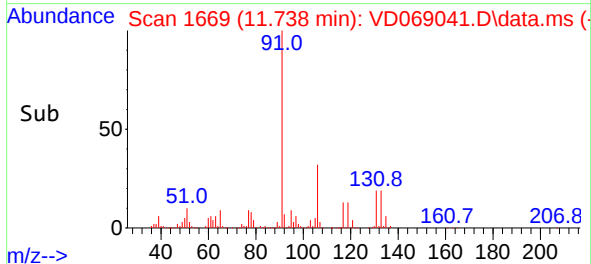
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



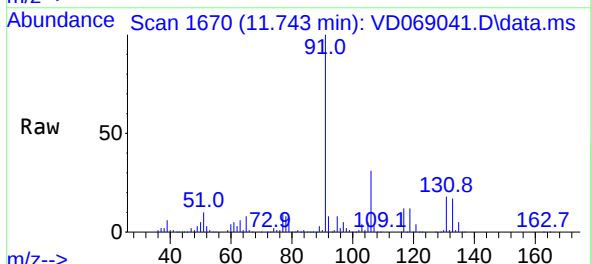
Tgt Ion:131 Resp: 456985
Ion Ratio Lower Upper
131 100
133 95.7 47.0 141.2
119 65.7 32.8 98.3

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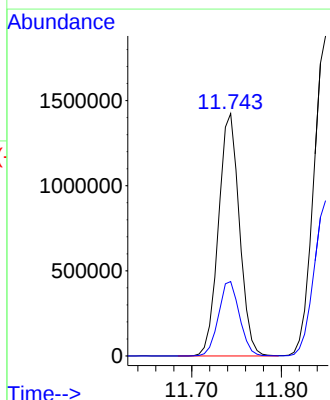
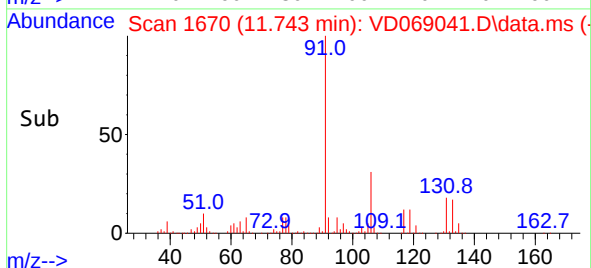
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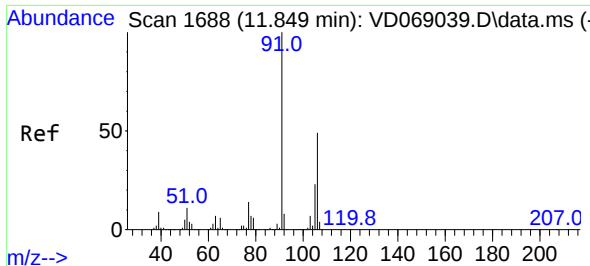


#67
Ethyl Benzene
Concen: 157.31 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



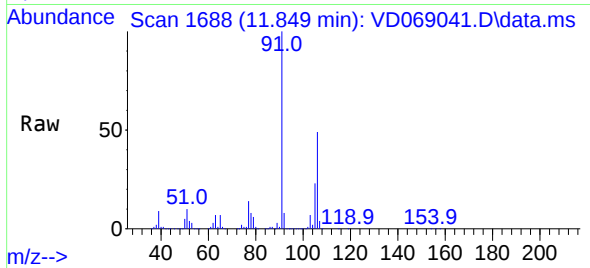
Tgt Ion: 91 Resp: 2302522
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7





#68
m/p-Xylenes
Concen: 312.47 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

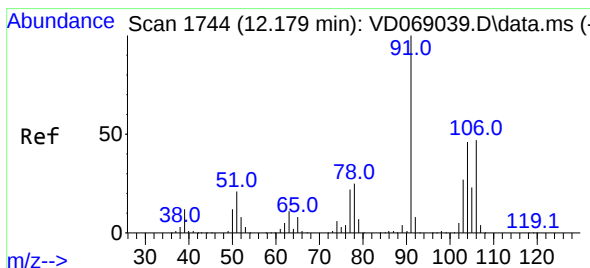
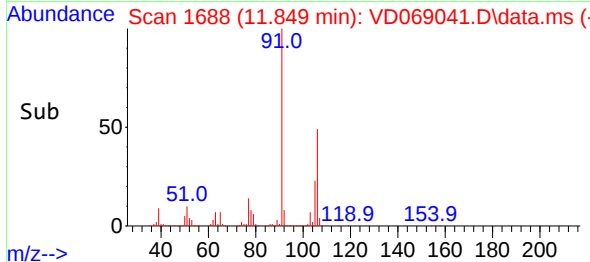
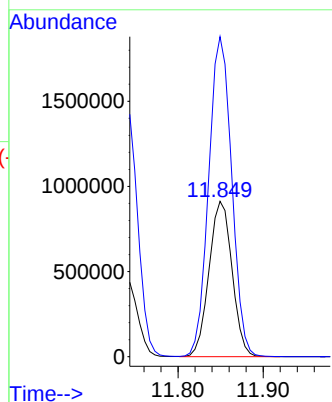
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



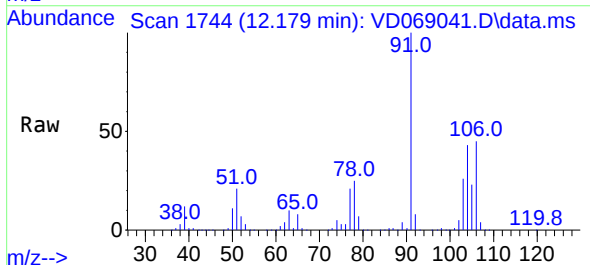
Tgt Ion:106 Resp: 1713824
Ion Ratio Lower Upper
106 100
91 205.9 158.6 238.0

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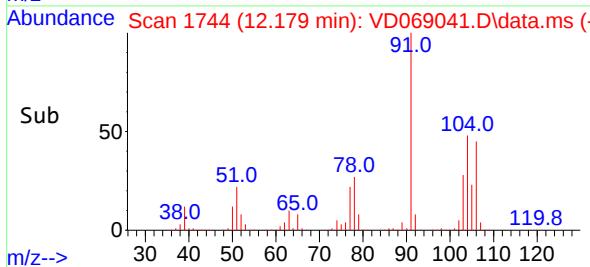
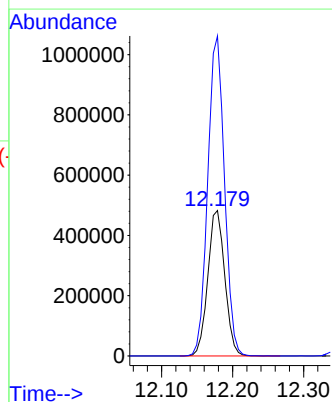
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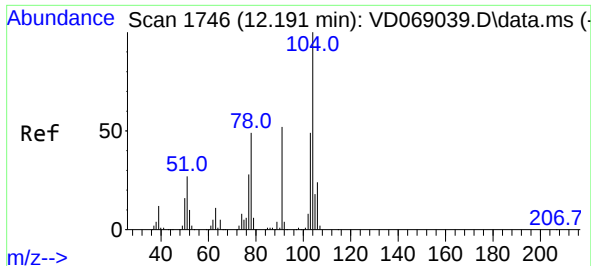


#69
o-Xylene
Concen: 163.62 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



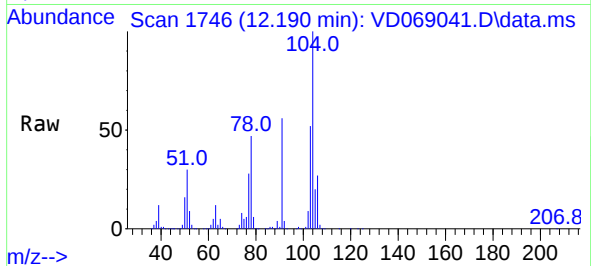
Tgt Ion:106 Resp: 801631
Ion Ratio Lower Upper
106 100
91 216.8 105.0 315.0





#70
Styrene
Concen: 161.72 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

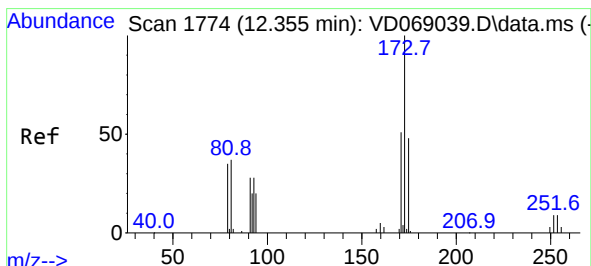
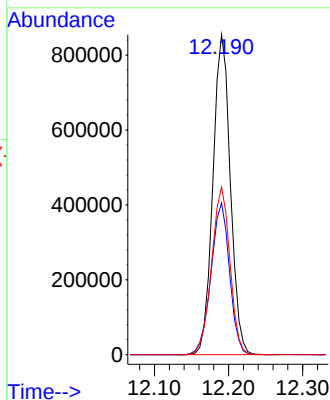
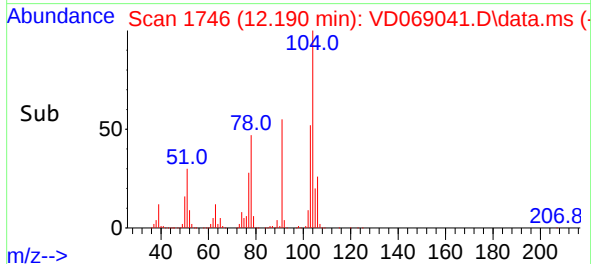
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



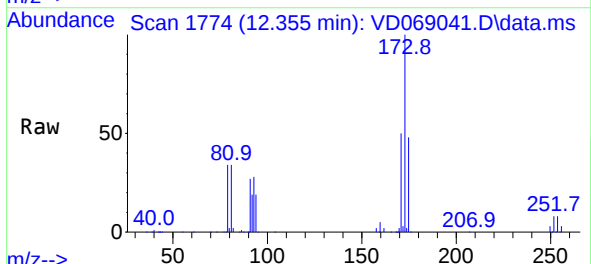
Tgt Ion:104 Resp: 1396870
Ion Ratio Lower Upper
104 100
78 50.4 36.9 55.3
103 55.2 44.3 66.5

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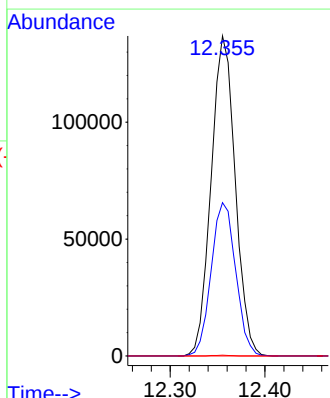
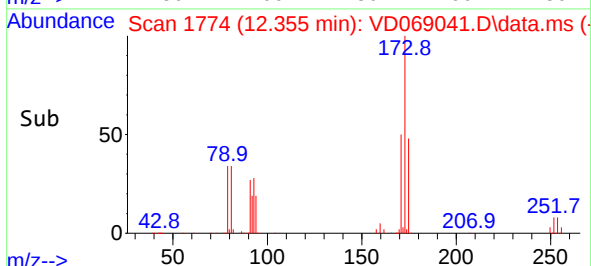
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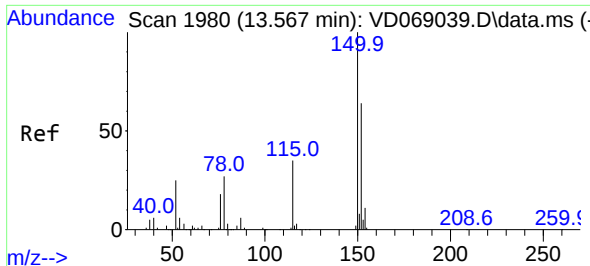


#71
Bromoform
Concen: 149.52 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

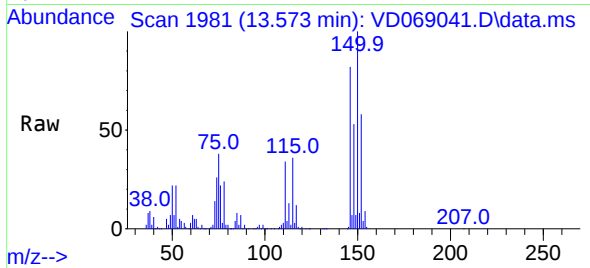


Tgt Ion:173 Resp: 242031
Ion Ratio Lower Upper
173 100
175 48.7 23.6 71.0
254 0.2 0.0 0.0#

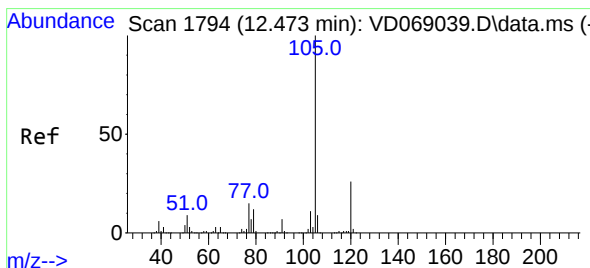
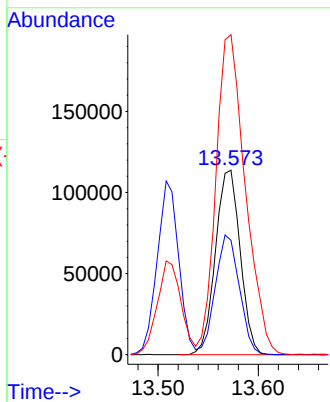
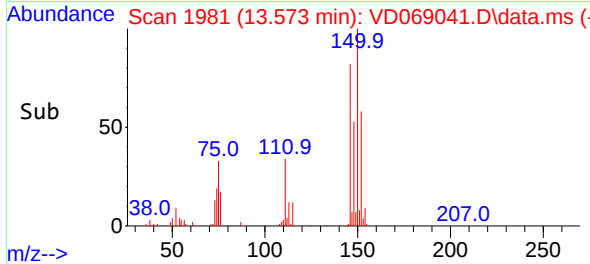




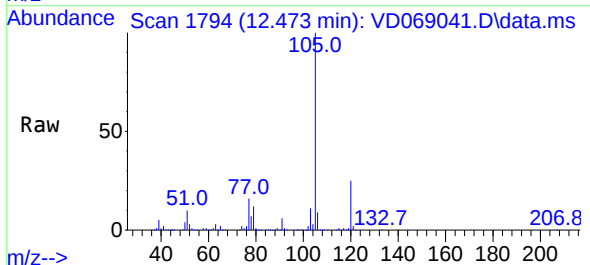
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



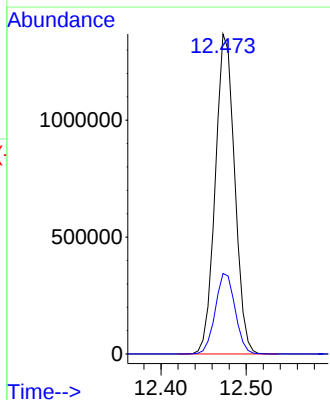
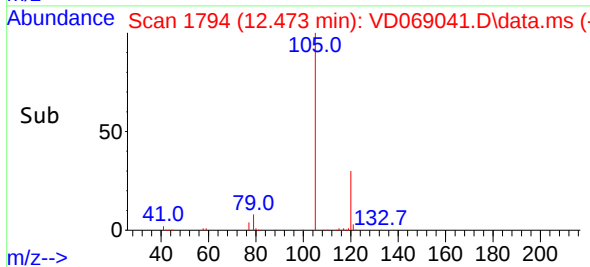
Tgt Ion:152 Resp: 194746
Ion Ratio Lower Upper
152 100
115 63.4 29.3 87.8
150 205.8 0.0 347.6



#73
Isopropylbenzene
Concen: 164.85 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



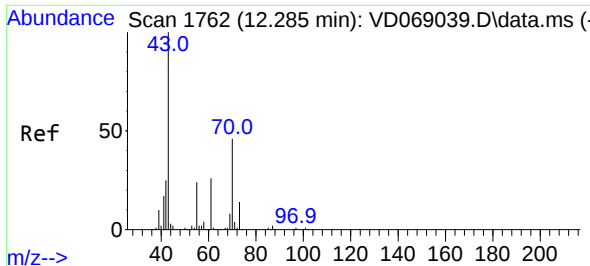
Tgt Ion:105 Resp: 2163668
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
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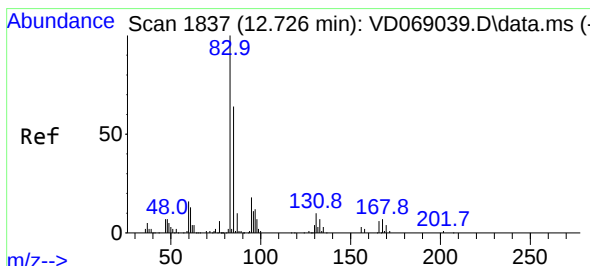
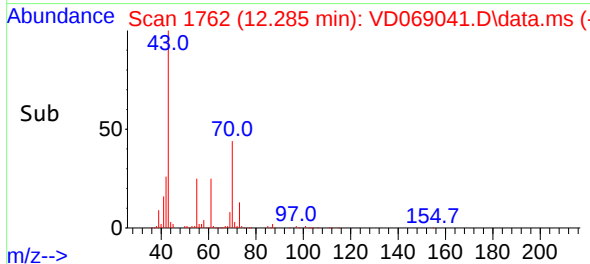
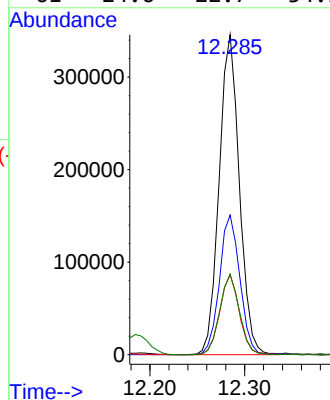
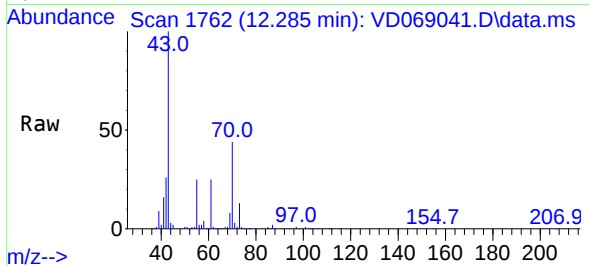
#74
N-amy1 acetate
Concen: 185.80 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:	43	Resp:	513232
Ion	Ratio	Lower	Upper
43	100		
70	44.1	41.9	62.9
55	24.2	22.8	34.2
61	24.6	22.7	34.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

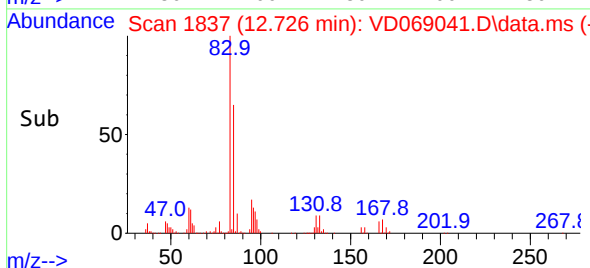
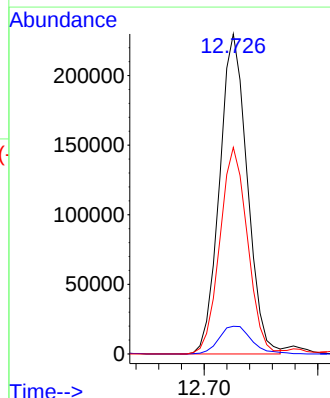
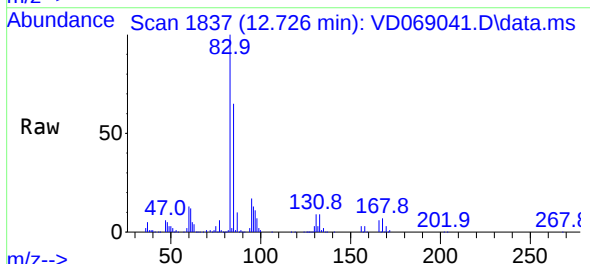
Manual Integrations
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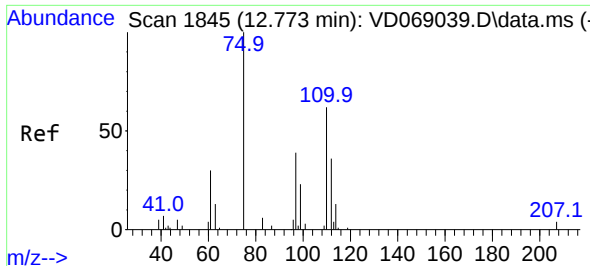
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#75
1,1,2,2-Tetrachloroethane
Concen: 147.55 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:	83	Resp:	389196
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.6	32.0	96.0





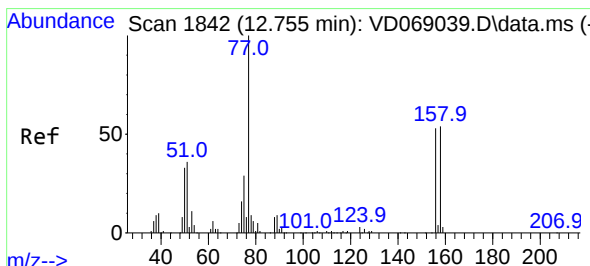
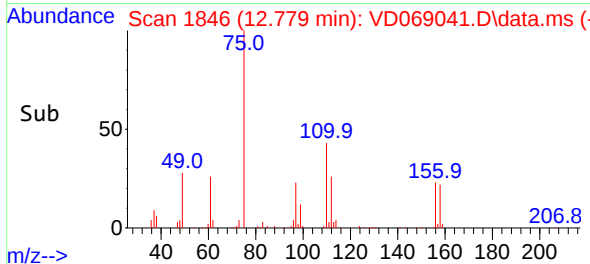
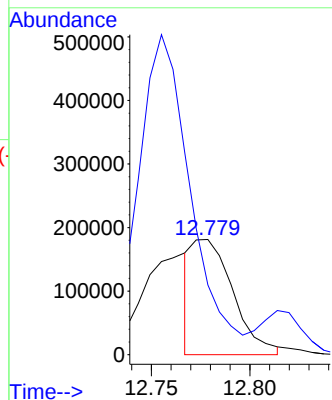
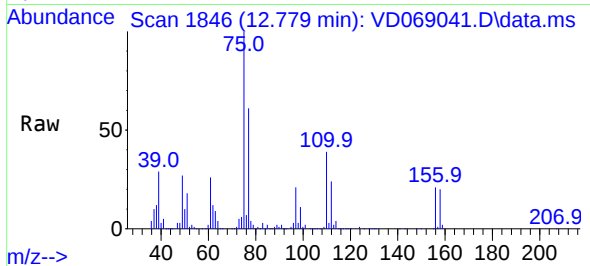
#76
1,2,3-Trichloropropane
Concen: 146.63 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 75 Resp: 261806
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

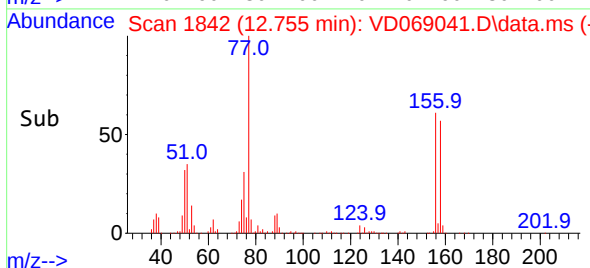
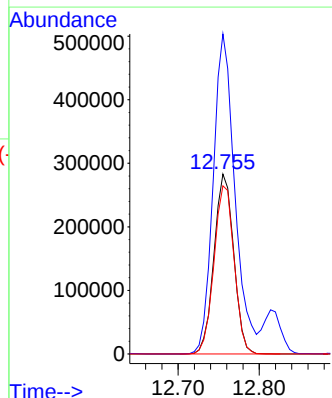
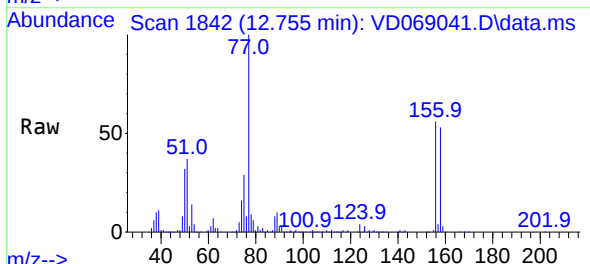
Manual Integrations
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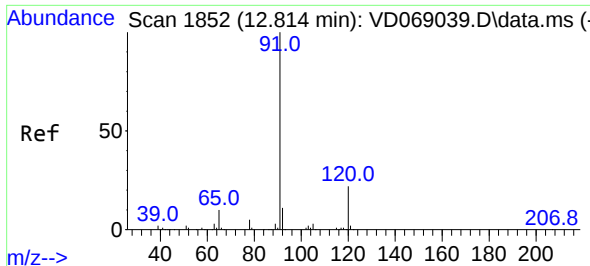
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#77
Bromobenzene
Concen: 155.54 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

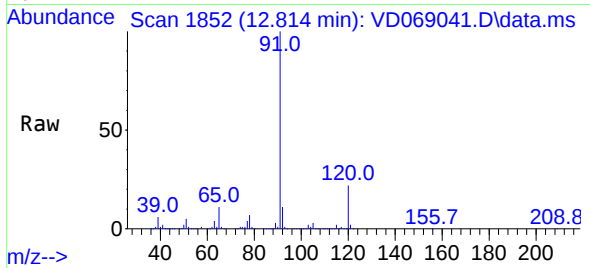
Tgt Ion:156 Resp: 477055
Ion Ratio Lower Upper
156 100
77 195.2 88.9 266.8
158 95.6 47.7 143.1





#78
n-propylbenzene
Concen: 161.20 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

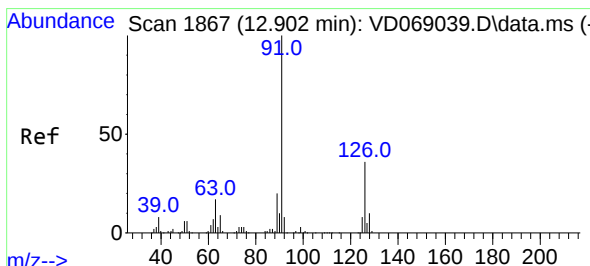
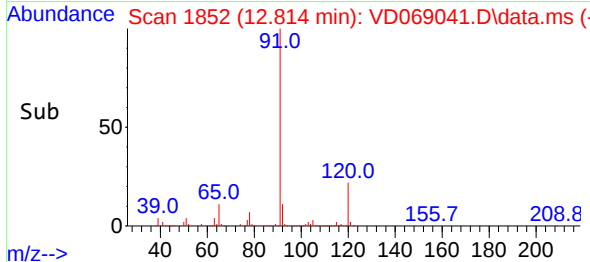
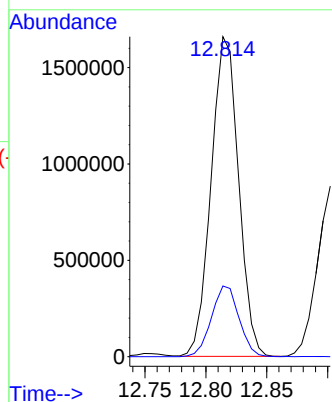
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 2600500
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.2

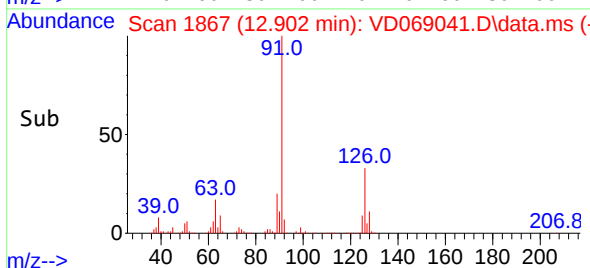
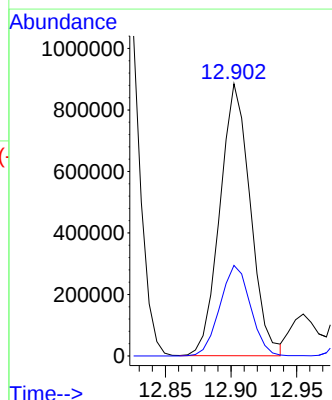
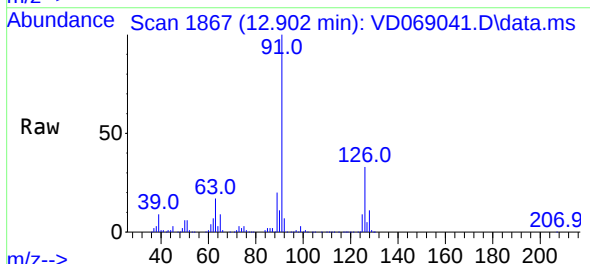
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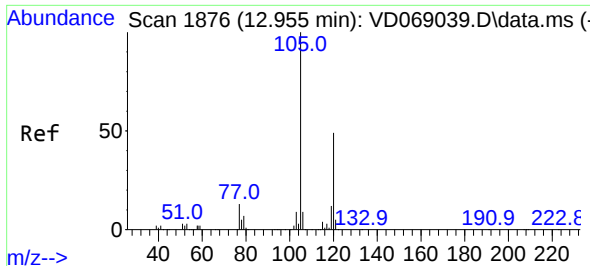
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#79
2-Chlorotoluene
Concen: 157.23 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

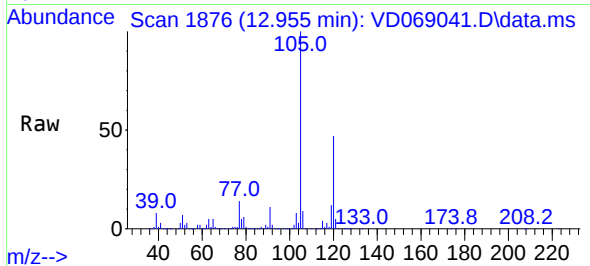
Tgt Ion: 91 Resp: 1429168
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.3





#80
1,3,5-Trimethylbenzene
Concen: 163.11 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

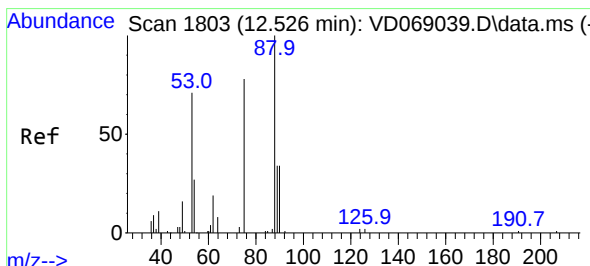
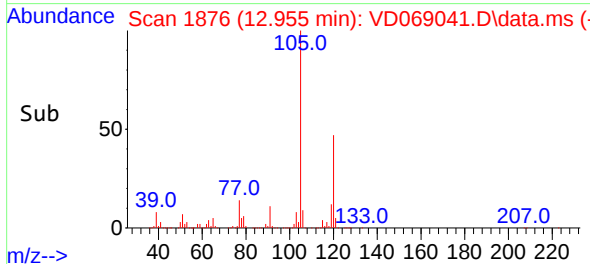
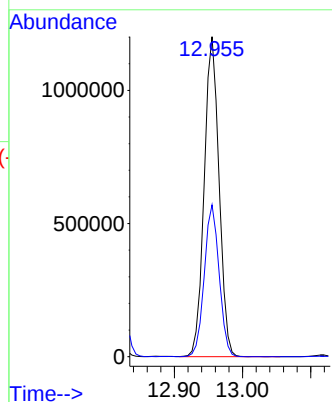
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



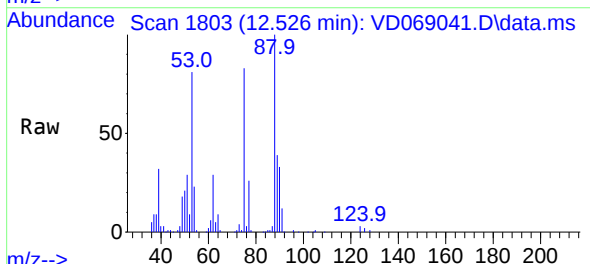
Tgt Ion:105 Resp: 1820978
Ion Ratio Lower Upper
105 100
120 47.4 24.9 74.7

Manual Integrations
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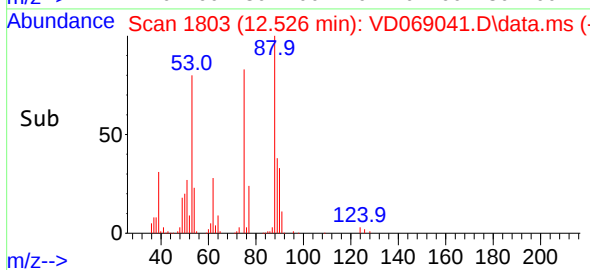
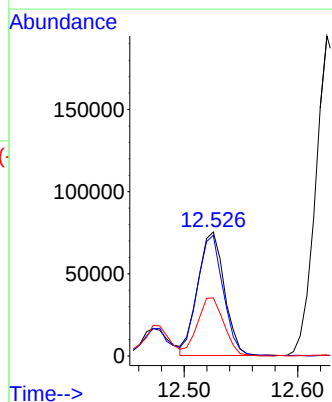
MMDadoda
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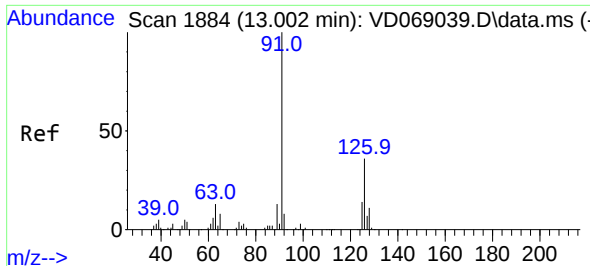


#81
trans-1,4-Dichloro-2-butene
Concen: 155.93 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 75 Resp: 122315
Ion Ratio Lower Upper
75 100
53 94.7 66.8 100.2
89 47.0 36.6 54.8





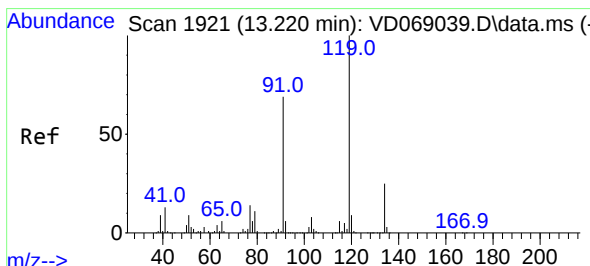
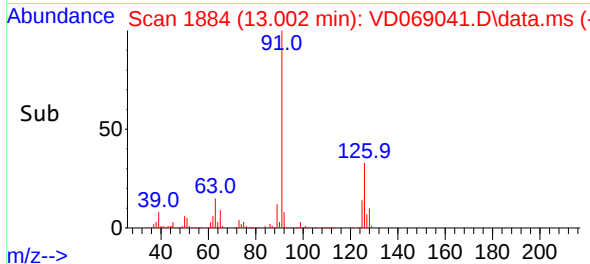
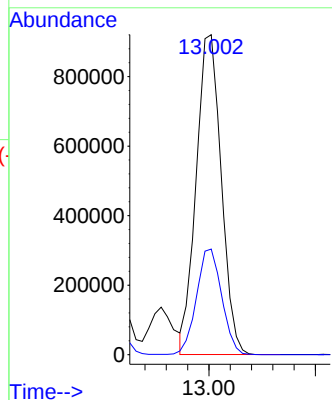
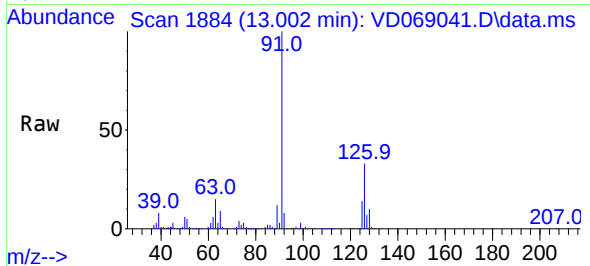
#82
4-Chlorotoluene
Concen: 152.17 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1505146
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.5

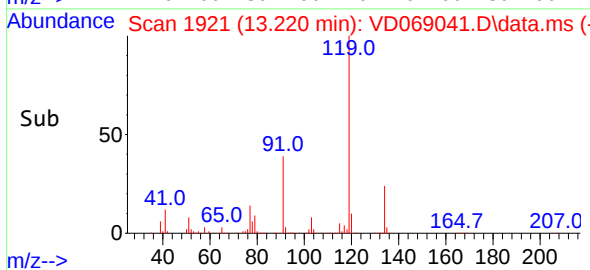
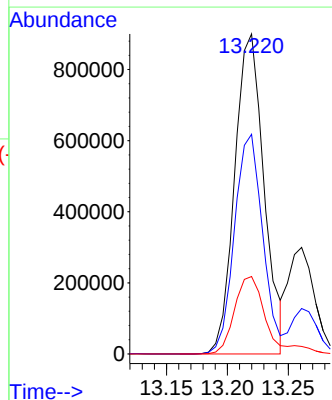
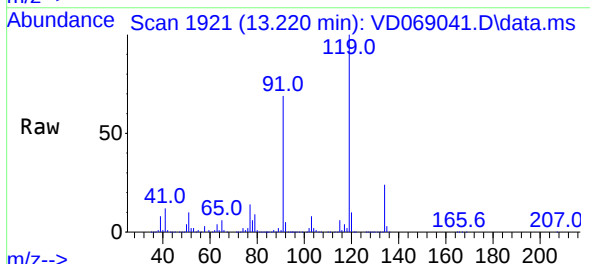
Manual Integrations
APPROVED

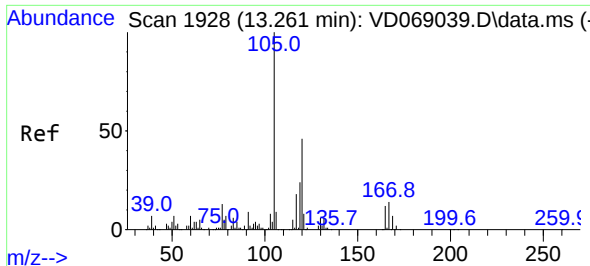
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#83
tert-Butylbenzene
Concen: 162.81 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

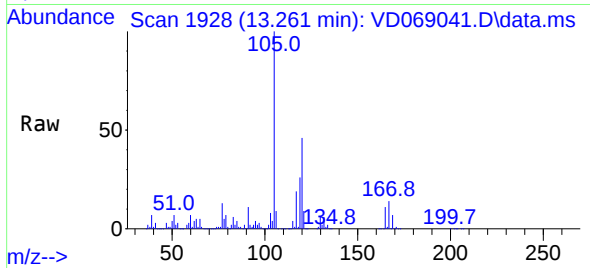
Tgt Ion: 119 Resp: 1507761
Ion Ratio Lower Upper
119 100
91 66.1 31.6 95.0
134 26.2 13.4 40.2





#84
1,2,4-Trimethylbenzene
Concen: 163.39 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

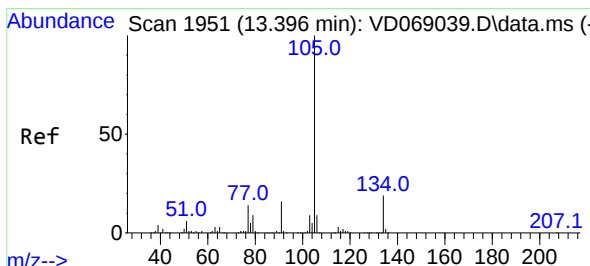
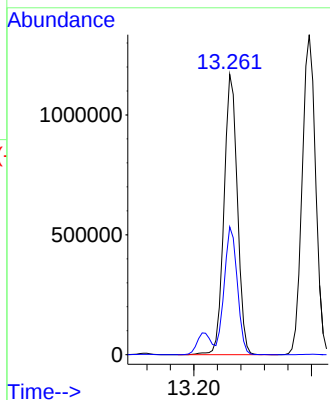
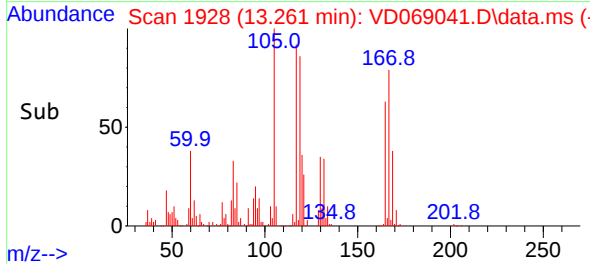
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



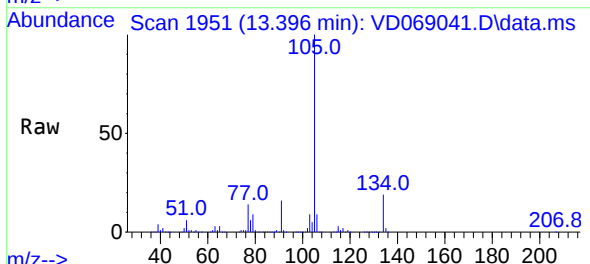
Tgt Ion:105 Resp: 1845832
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7

Manual Integrations
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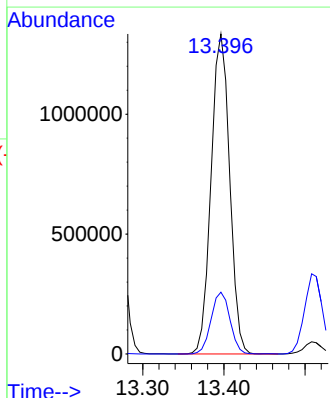
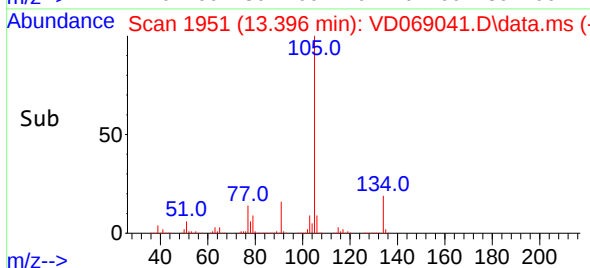
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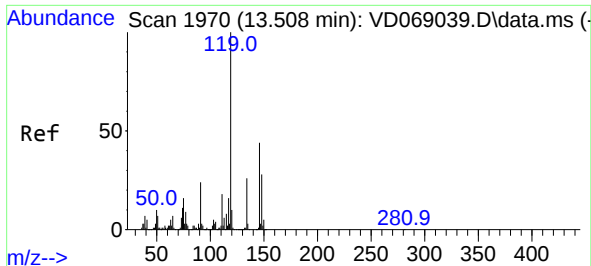


#85
sec-Butylbenzene
Concen: 158.52 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion:105 Resp: 2118474
Ion Ratio Lower Upper
105 100
134 19.6 10.0 29.8





#86
p-Isopropyltoluene
Concen: 165.83 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

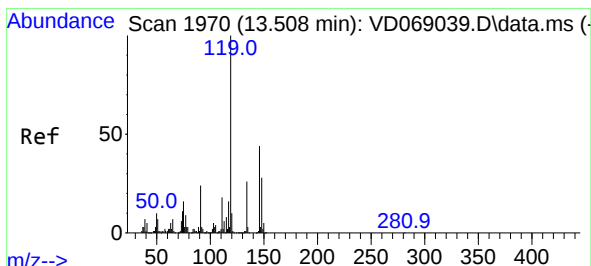
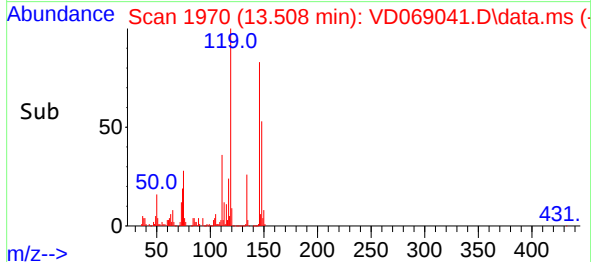
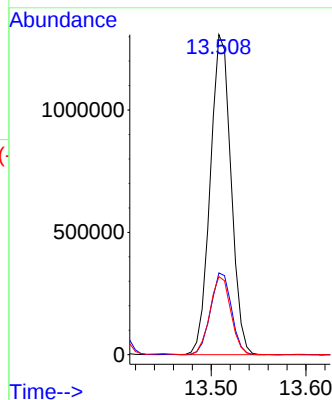
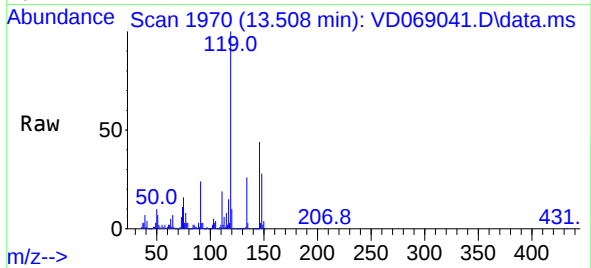
Tgt Ion:119 Resp: 1986433

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.3	39.9
91	24.5	11.1	33.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

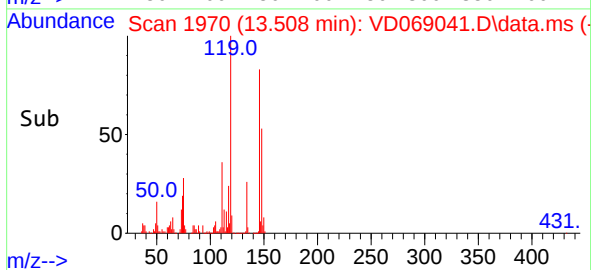
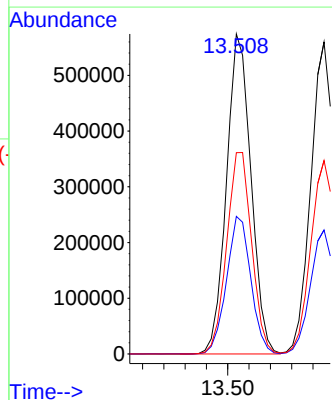
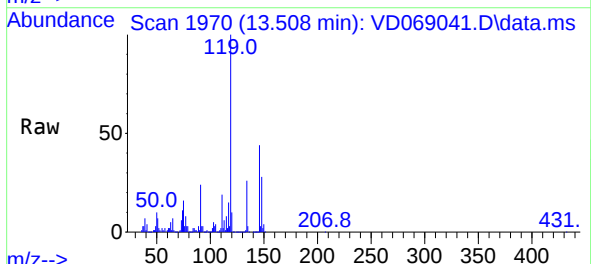
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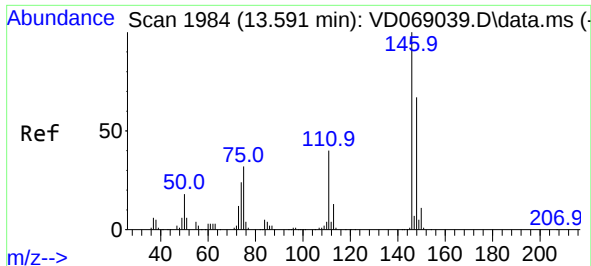


#87
1,3-Dichlorobenzene
Concen: 144.74 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:146 Resp: 916452

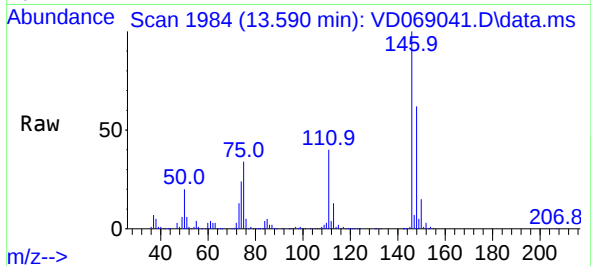
Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.3	57.8
148	64.3	30.9	92.8





#88
1,4-Dichlorobenzene
Concen: 142.22 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

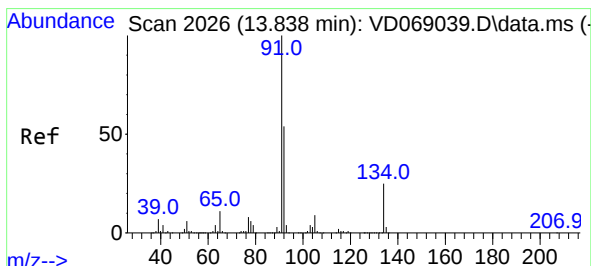
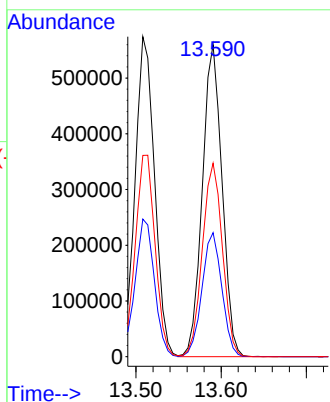
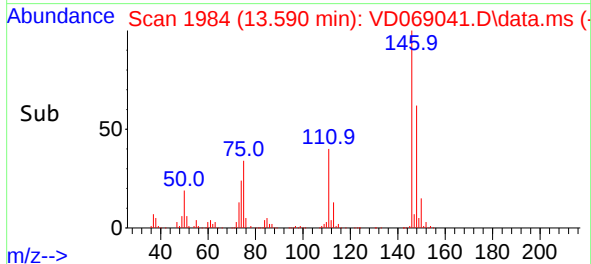
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



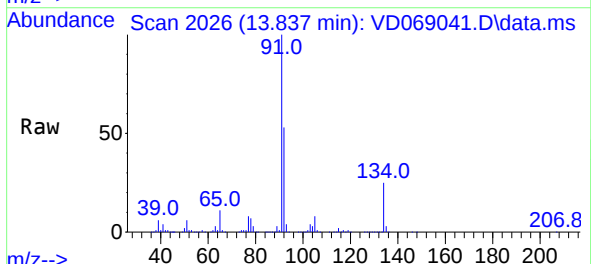
Tgt Ion:146 Resp: 899003
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 63.3 31.6 95.0

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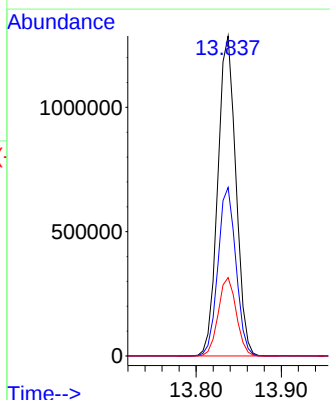
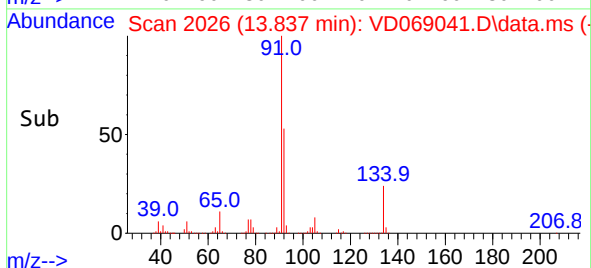
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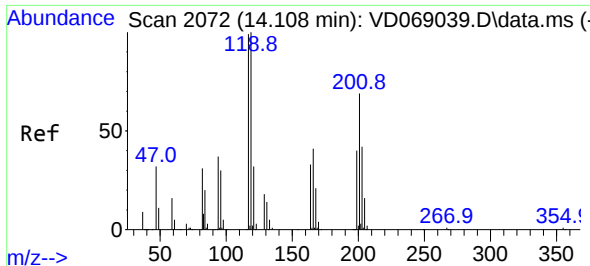


#89
n-Butylbenzene
Concen: 165.24 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



Tgt Ion: 91 Resp: 1902266
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 24.4 12.9 38.6





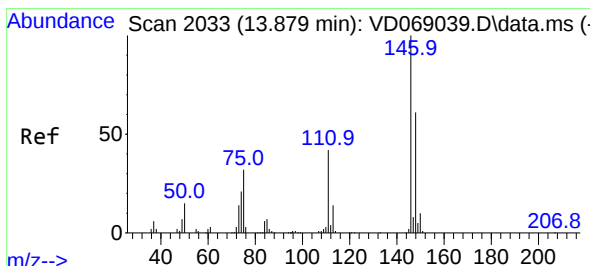
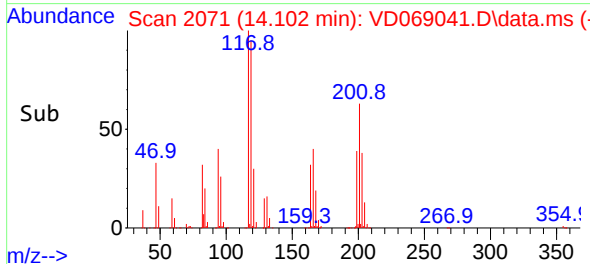
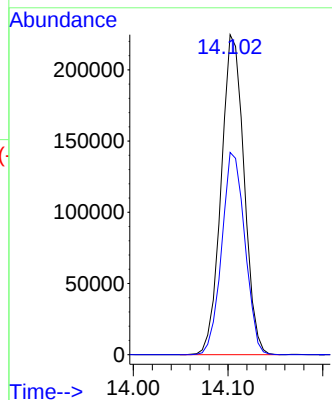
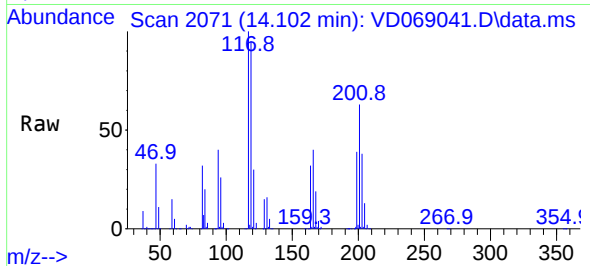
#90
Hexachloroethane
Concen: 149.82 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 377555
Ion Ratio Lower Upper
117 100
201 63.9 35.4 106.2

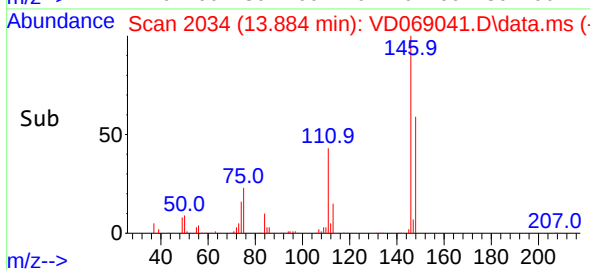
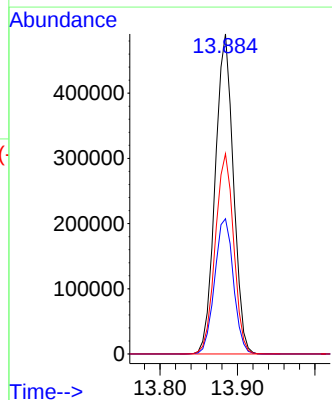
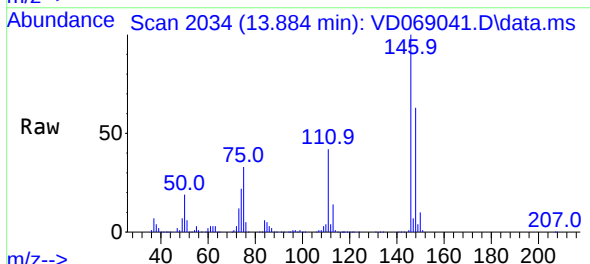
Manual Integrations
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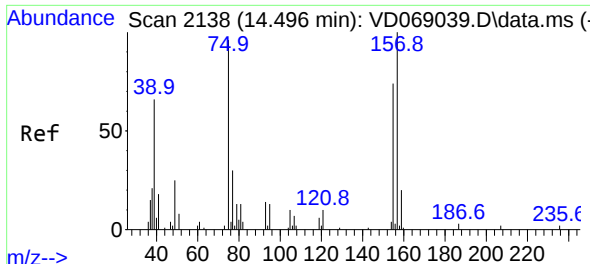
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#91
1,2-Dichlorobenzene
Concen: 147.27 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.006 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:146 Resp: 797890
Ion Ratio Lower Upper
146 100
111 43.7 20.3 60.9
148 63.3 32.2 96.6





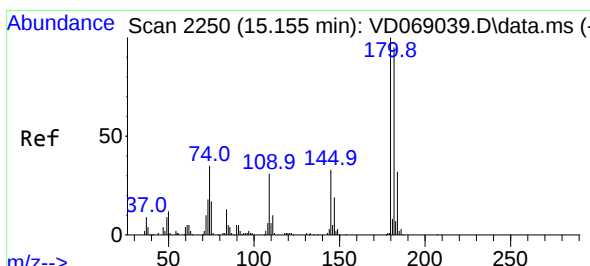
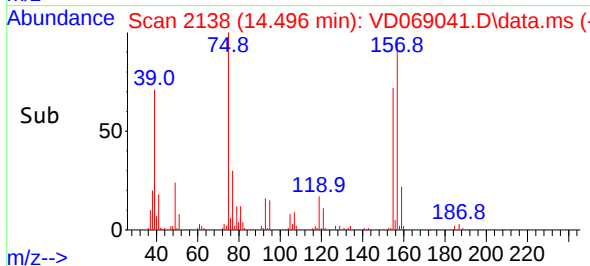
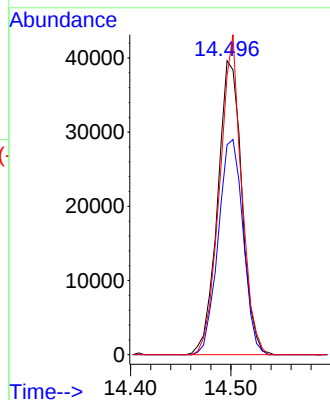
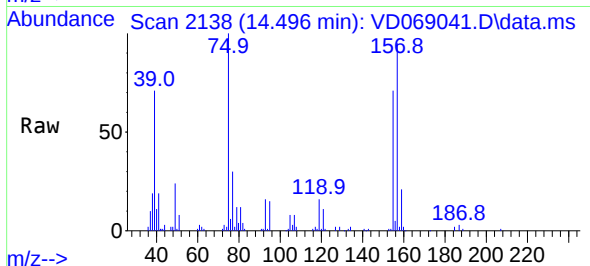
#92
1,2-Dibromo-3-Chloropropane
Concen: 148.48 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion: 75 Resp: 66314
Ion Ratio Lower Upper
75 100
155 75.2 46.8 140.3
157 98.5 59.8 179.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

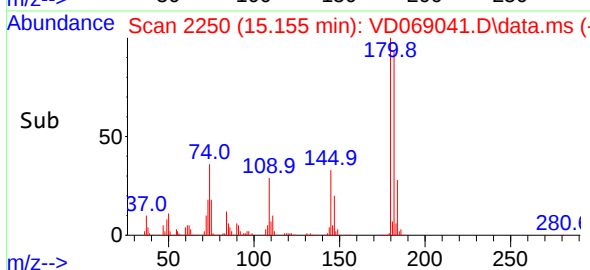
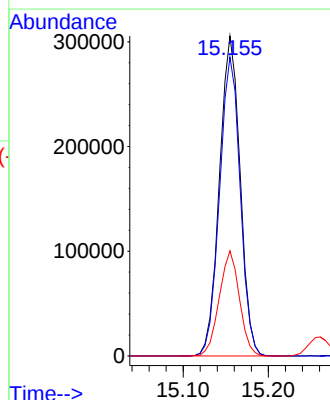
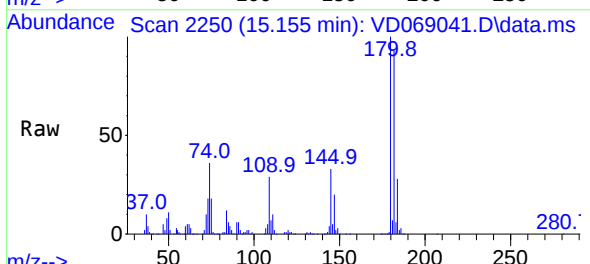
Manual Integrations
APPROVED

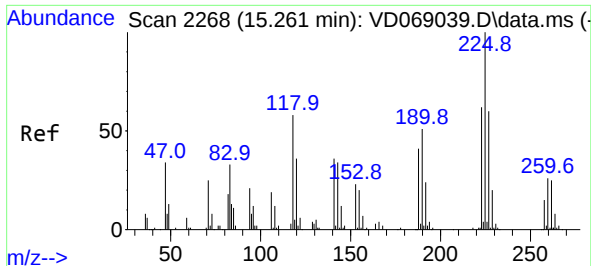
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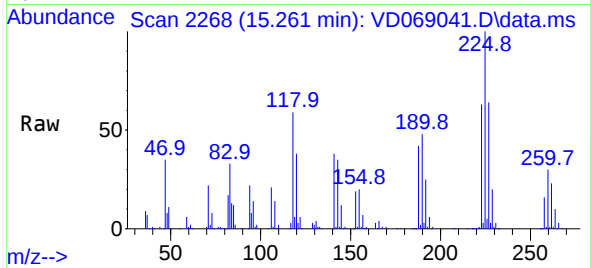
#93
1,2,4-Trichlorobenzene
Concen: 158.52 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40

Tgt Ion:180 Resp: 514815
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 32.2 15.2 45.6

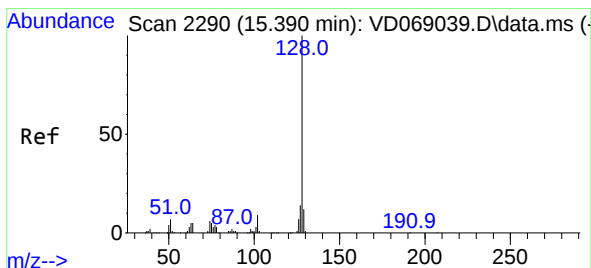
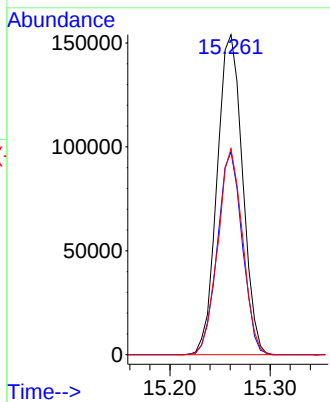
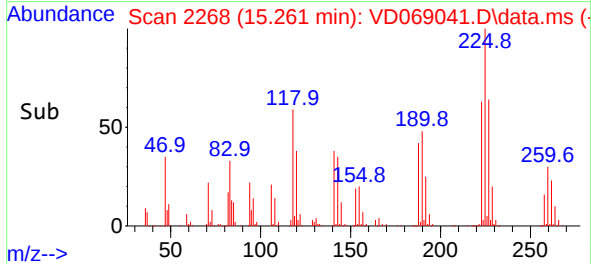




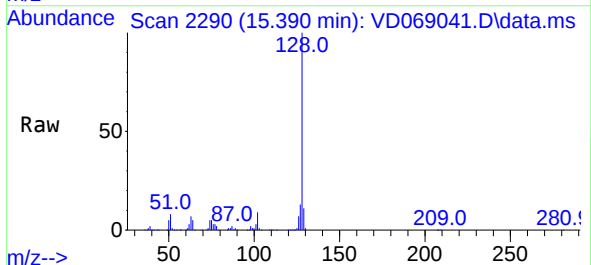
#94
Hexachlorobutadiene
Concen: 144.57 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



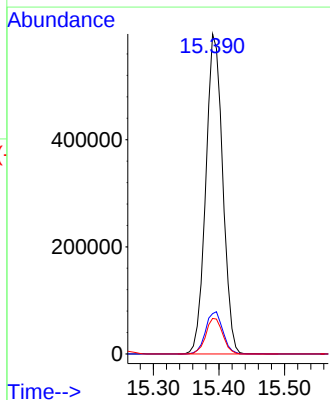
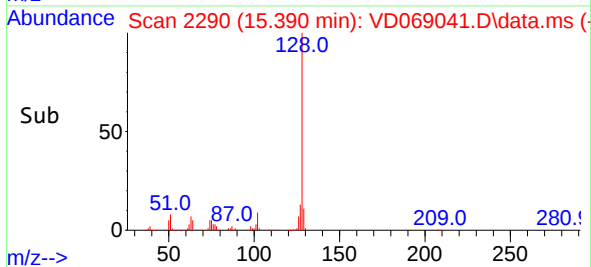
Tgt Ion:225 Resp: 270633
Ion Ratio Lower Upper
225 100
223 62.0 30.6 91.6
227 62.8 31.4 94.0



#95
Naphthalene
Concen: 183.55 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VD069041.D
Acq: 03 May 2021 13:40



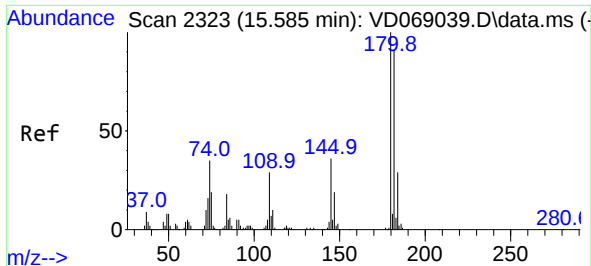
Tgt Ion:128 Resp: 1070411
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.2 8.9 13.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

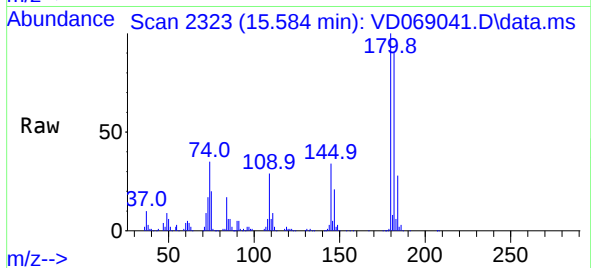
Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:35:22 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 159.76 ug/l
 RT: 15.584 min Scan# 2323
 Delta R.T. -0.000 min
 Lab File: VD069041.D
 Acq: 03 May 2021 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.5	139.3
145	33.8	15.8	47.4

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 5:35:22 PM

