

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019021.D
 Acq On : 18 May 2021 15:30
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
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Quant Time: May 19 06:22:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	401716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	657878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	609121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	312034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	471151	124.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	248.02%	
35) Dibromofluoromethane	7.884	113	430006	128.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	257.80%	
50) Toluene-d8	10.323	98	1705651	130.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	261.18%	
62) 4-Bromofluorobenzene	12.615	95	637637	138.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	276.18%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	285602	107.83	ug/l	99
3) Chloromethane	2.215	50	313761	107.81	ug/l	100
4) Vinyl Chloride	2.367	62	453755	103.50	ug/l	98
5) Bromomethane	2.775	94	389405	106.07	ug/l	100
6) Chloroethane	2.922	64	309935	103.72	ug/l	98
7) Trichlorofluoromethane	3.257	101	248254	104.47	ug/l	97
8) Diethyl Ether	3.684	74	213562	101.88	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	384381	96.64	ug/l	100
10) Methyl Iodide	4.275	142	585890	102.50	ug/l	100
11) Tert butyl alcohol	5.190	59	108286	435.23	ug/l	98
12) 1,1-Dichloroethene	4.044	96	408323	102.99	ug/l	91
13) Acrolein	3.897	56	128447	464.88	ug/l	99
14) Allyl chloride	4.671	41	530400	102.81	ug/l	100
15) Acrylonitrile	5.366	53	396011	502.97	ug/l	100
16) Acetone	4.129	43	306236	463.03	ug/l	99
17) Carbon Disulfide	4.391	76	1147671	107.20	ug/l	99
18) Methyl Acetate	4.671	43	185627	97.13	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	505267	100.71	ug/l	99
20) Methylene Chloride	4.921	84	445004	68.75	ug/l	97
21) trans-1,2-Dichloroethene	5.427	96	462273	101.36	ug/l	98
22) Diisopropyl ether	6.311	45	1076424	102.66	ug/l	98
23) Vinyl Acetate	6.257	43	3767417	547.53	ug/l	100
24) 1,1-Dichloroethane	6.220	63	815034	99.12	ug/l	99
25) 2-Butanone	7.171	43	531845	504.92	ug/l	99
26) 2,2-Dichloropropane	7.171	77	429055	95.12	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	511176	101.41	ug/l	98
28) Bromochloromethane	7.512	49	322744	96.10	ug/l	96
29) Tetrahydrofuran	7.531	42	315931	516.98	ug/l	99
30) Chloroform	7.677	83	839503	100.78	ug/l	98
31) Cyclohexane	7.957	56	637560	89.26	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	622441	100.37	ug/l	99
36) 1,1-Dichloropropene	8.086	75	654528	100.05	ug/l	100
37) Ethyl Acetate	7.250	43	251889	99.85	ug/l	100
38) Carbon Tetrachloride	8.067	117	590194	103.98	ug/l	95
39) Methylcyclohexane	9.335	83	747632	104.79	ug/l	98
40) Benzene	8.323	78	1839986	100.50	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	153198	118.77	ug/l	91
42) 1,2-Dichloroethane	8.403	62	547792	101.96	ug/l	99
43) Isopropyl Acetate	8.427	43	503259	111.16	ug/l	99
44) Trichloroethene	9.091	130	489801	105.58	ug/l	98
45) 1,2-Dichloropropane	9.372	63	448282	101.90	ug/l	97
46) Dibromomethane	9.457	93	245953	103.56	ug/l	98
47) Bromodichloromethane	9.646	83	627843	108.26	ug/l	96
48) Methyl methacrylate	9.439	41	234904	114.10	ug/l	97
49) 1,4-Dioxane	9.457	88	57176	2140.49	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	1268906	530.96	ug/l	100
52) Toluene	10.390	92	1188977	103.72	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	649366	117.19	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	753989	111.91	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	343272	104.96	ug/l	97
56) Ethyl methacrylate	10.646	69	461345	117.99	ug/l	99
57) 1,3-Dichloropropane	10.933	76	607258	103.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	1161223	559.28	ug/l	98
59) 2-Hexanone	10.969	43	866157	552.91	ug/l	99
60) Dibromochloromethane	11.128	129	412073	116.99	ug/l	99
61) 1,2-Dibromoethane	11.237	107	336381	108.58	ug/l	99
64) Tetrachloroethene	10.866	164	407002	103.51	ug/l	92
65) Chlorobenzene	11.658	112	1255325	101.97	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	449244	109.45	ug/l	99
67) Ethyl Benzene	11.731	91	2350358	103.24	ug/l	100
68) m/p-Xylenes	11.841	106	1776365	207.63	ug/l	100
69) o-Xylene	12.164	106	847346	108.38	ug/l	99
70) Styrene	12.182	104	1442990	109.11	ug/l	99
71) Bromoform	12.353	173	238234	120.29	ug/l	97
73) Isopropylbenzene	12.463	105	2347092	104.39	ug/l	99
74) N-amyl acetate	12.274	43	509082	113.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	404993	98.95	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	324673m	113.18	ug/l	
77) Bromobenzene	12.749	156	509940	102.66	ug/l	97
78) n-propylbenzene	12.804	91	2790504	99.48	ug/l	98
79) 2-Chlorotoluene	12.890	91	1608710	101.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	1971981	102.11	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	135740	121.37	ug/l	96
82) 4-Chlorotoluene	12.987	91	1715917	101.87	ug/l	99
83) tert-Butylbenzene	13.207	119	1685239	104.47	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	1944352	101.28	ug/l	99
85) sec-Butylbenzene	13.383	105	2439884	100.58	ug/l	98
86) p-Isopropyltoluene	13.499	119	2164604	103.68	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	1055122	102.65	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	1000859	98.61	ug/l	99
89) n-Butylbenzene	13.822	91	2075807	100.49	ug/l	99
90) Hexachloroethane	14.091	117	351185	110.17	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	917429	100.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	67805	106.32	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	619173	102.35	ug/l	98
94) Hexachlorobutadiene	15.231	225	354635	99.90	ug/l	97
95) Naphthalene	15.365	128	1151796	106.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	533833	101.83	ug/l	99

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

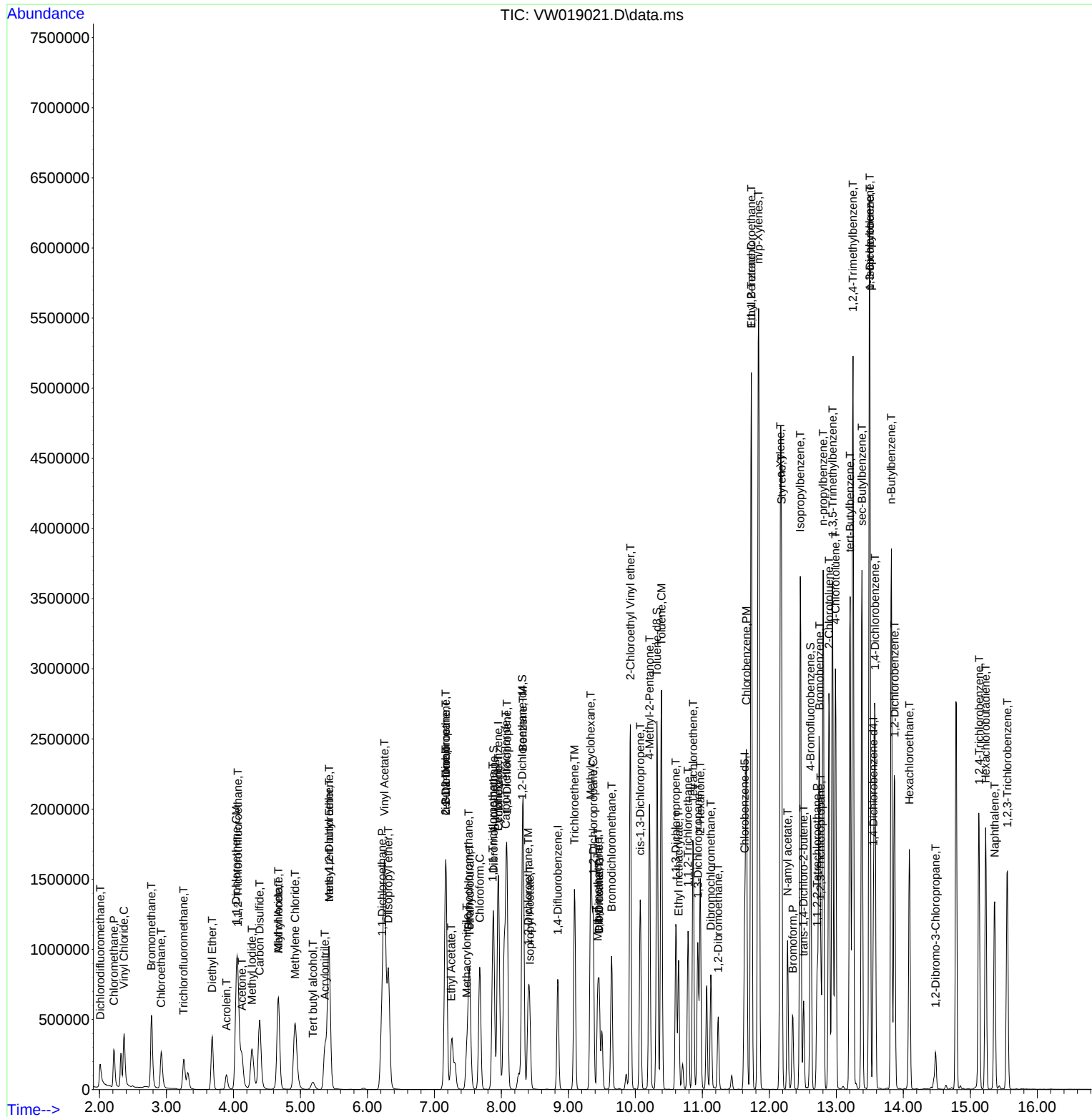
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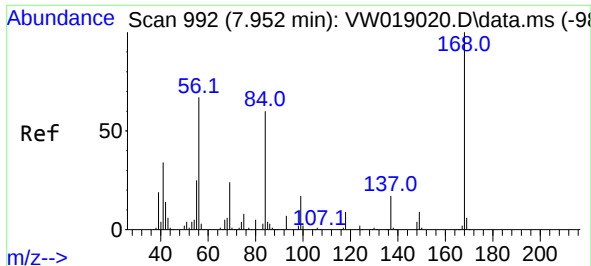
Instrument :
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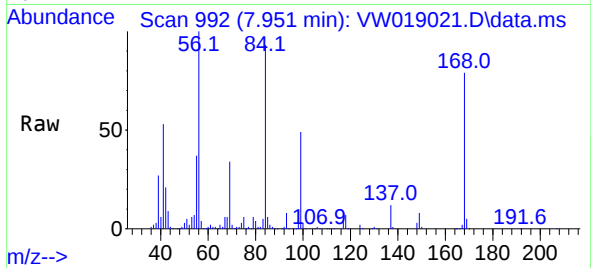
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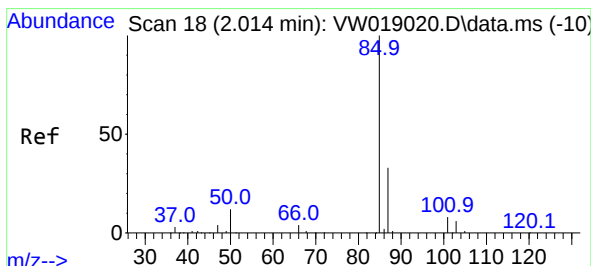
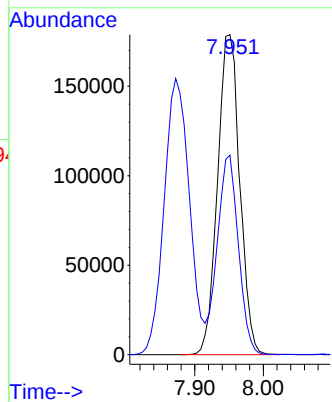
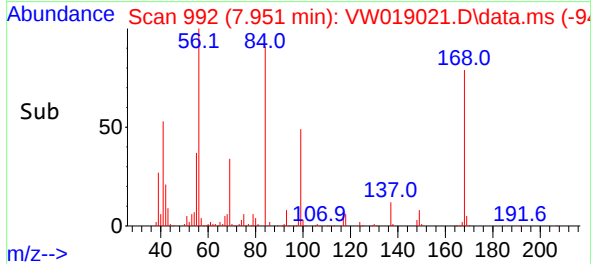




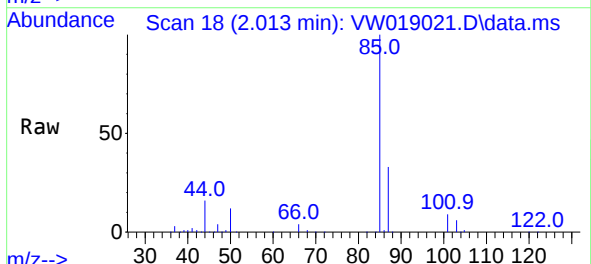
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
Lab File: VW019021.D
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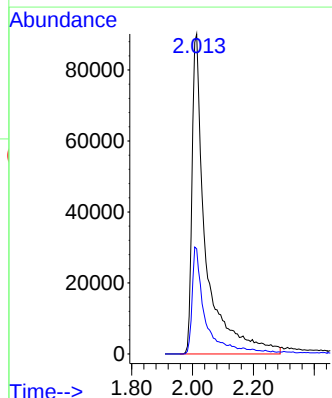
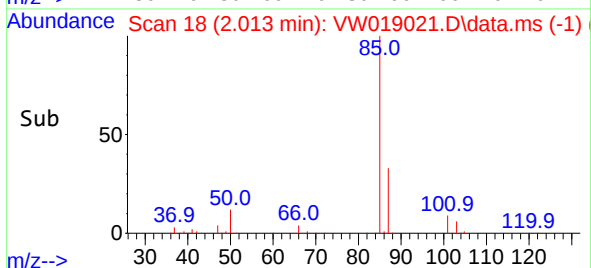
Tgt Ion:168 Resp: 401716
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 107.83 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



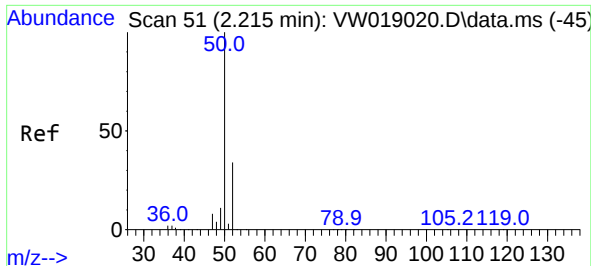
Tgt Ion: 85 Resp: 285602
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0



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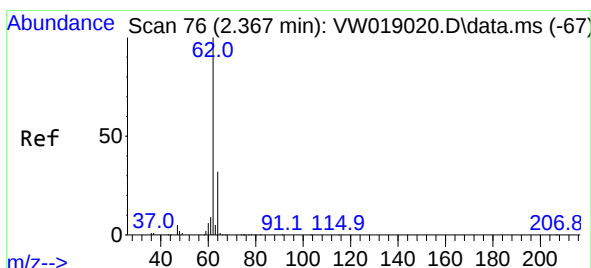
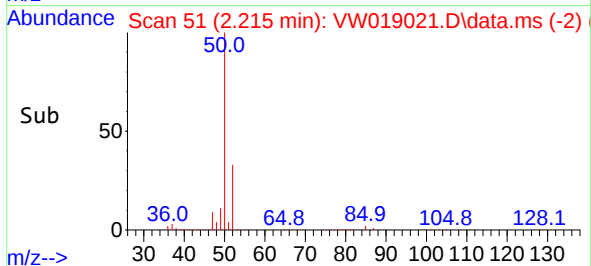
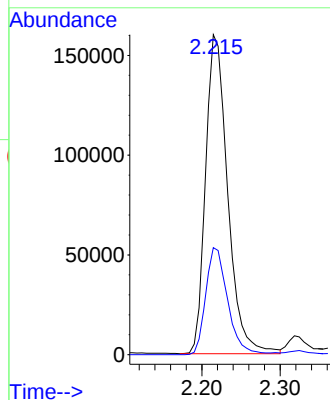
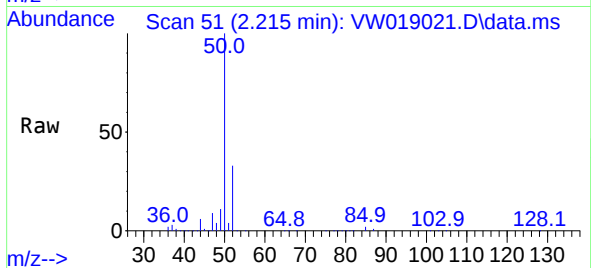
#3
Chloromethane
Concen: 107.81 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 50 Resp: 313761
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

Instrument :
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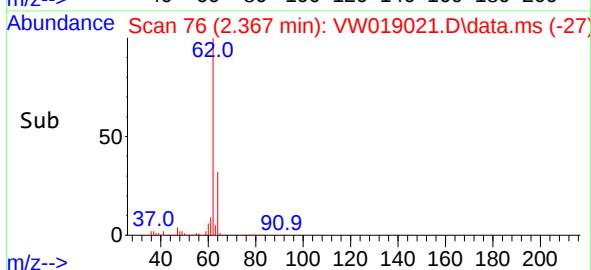
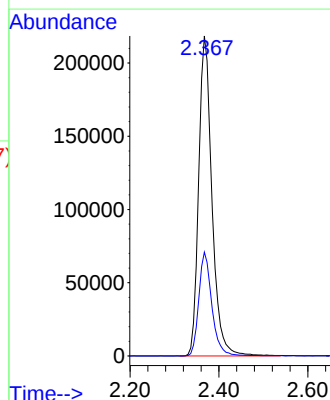
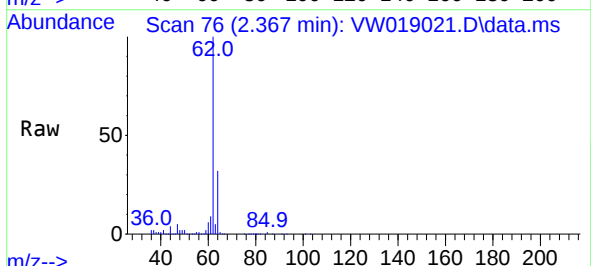
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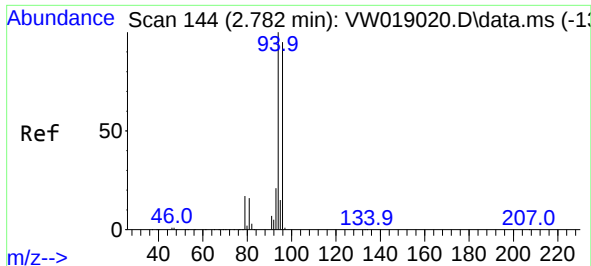
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#4
Vinyl Chloride
Concen: 103.50 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 62 Resp: 453755
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9





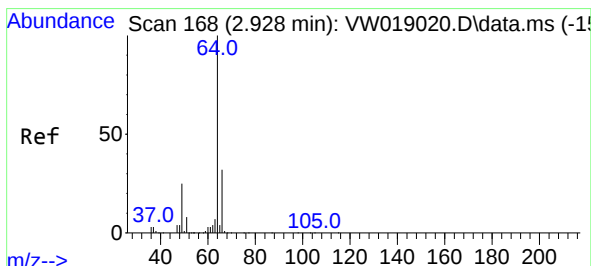
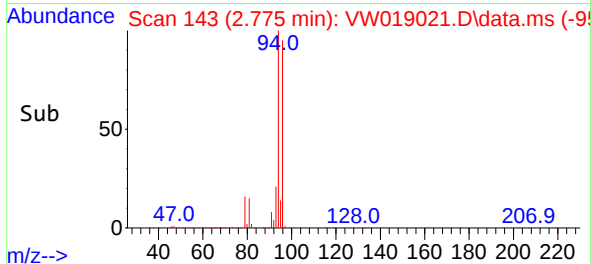
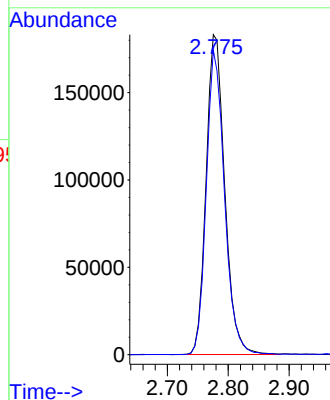
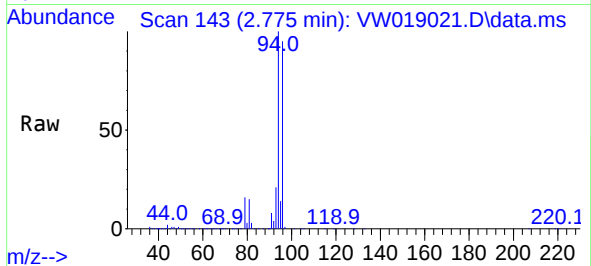
#5
Bromomethane
Concen: 106.07 ug/l
RT: 2.775 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019021.D
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Tgt Ion: 94 Resp: 389405
Ion Ratio Lower Upper
94 100
96 95.1 76.4 114.6

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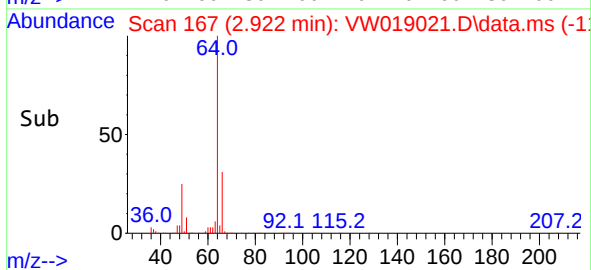
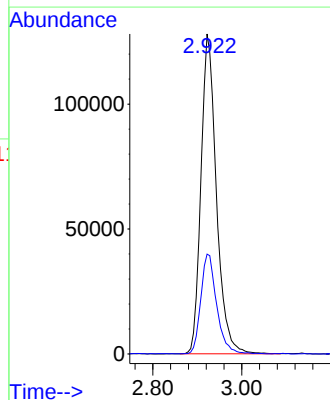
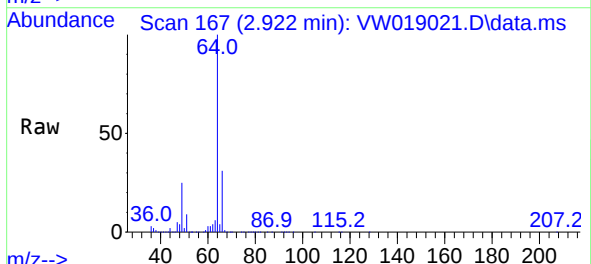
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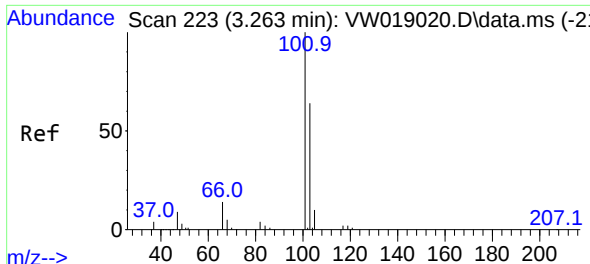
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#6
Chloroethane
Concen: 103.72 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019021.D
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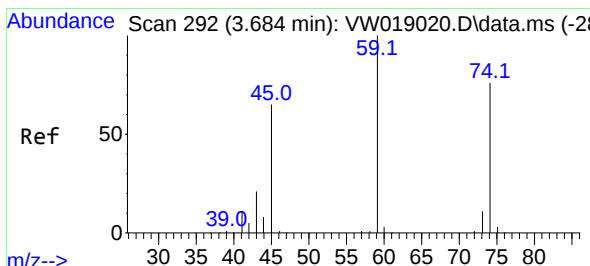
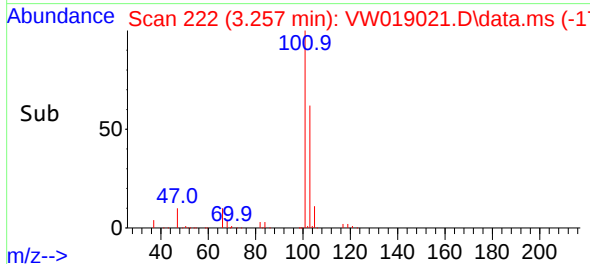
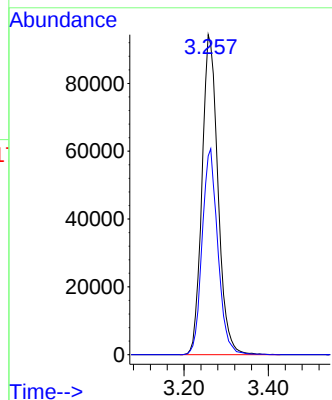
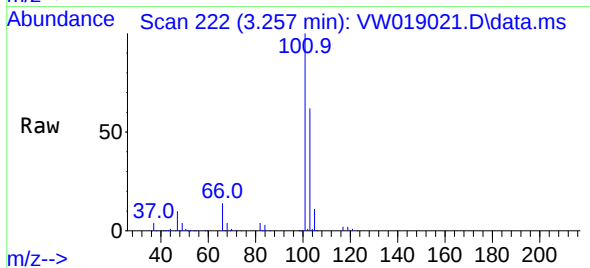
Tgt Ion: 64 Resp: 309935
Ion Ratio Lower Upper
64 100
66 31.1 25.9 38.9





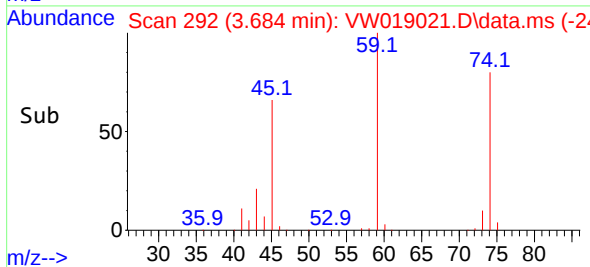
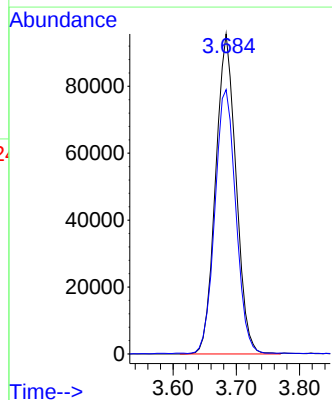
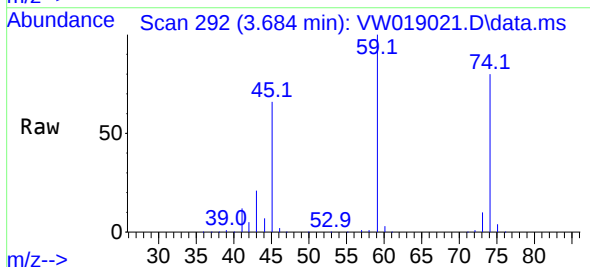
#7
Trichlorofluoromethane
Concen: 104.47 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
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Tgt Ion: 101 Resp: 248254
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.2



#8
Diethyl Ether
Concen: 101.88 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW019021.D
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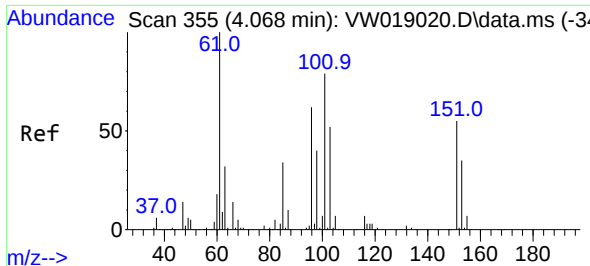
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Ion Ratio Lower Upper
74 100
45 84.5 43.3 129.8



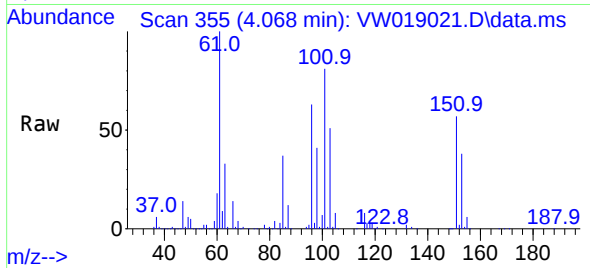
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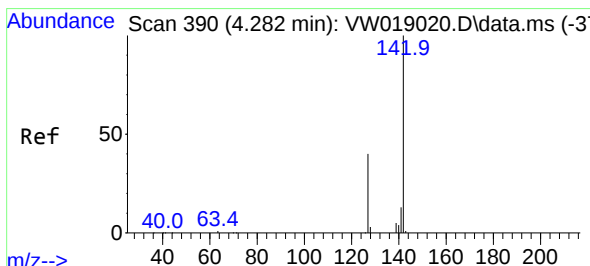
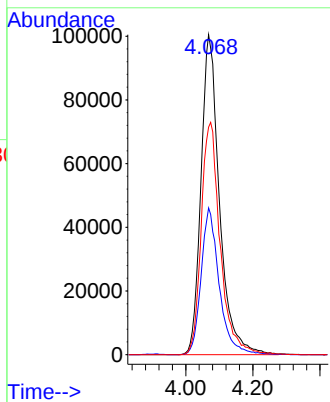
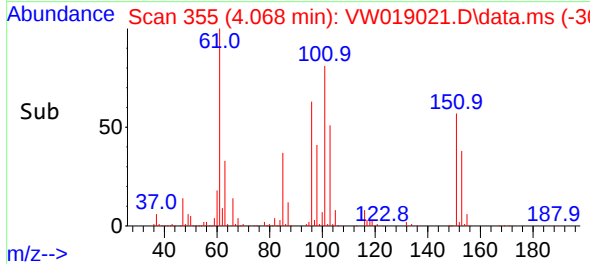
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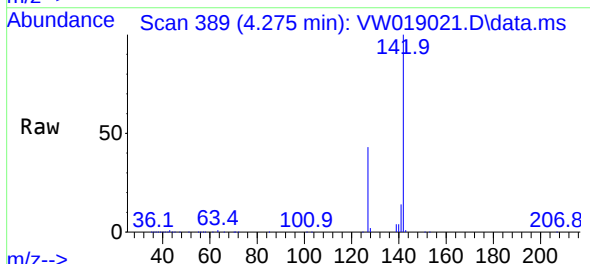
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.64 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



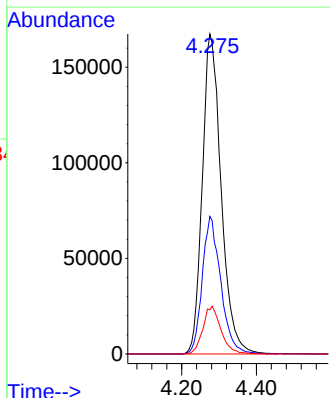
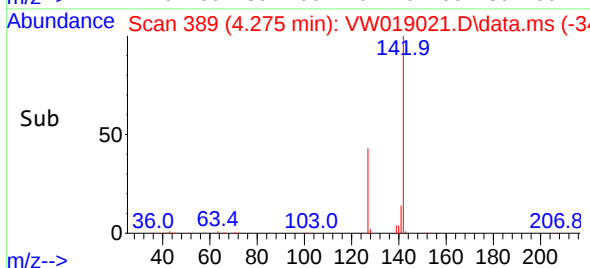
Tgt Ion:101 Resp: 384381
Ion Ratio Lower Upper
101 100
85 45.0 35.9 53.9
151 74.6 59.8 89.6



#10
Methyl Iodide
Concen: 102.50 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



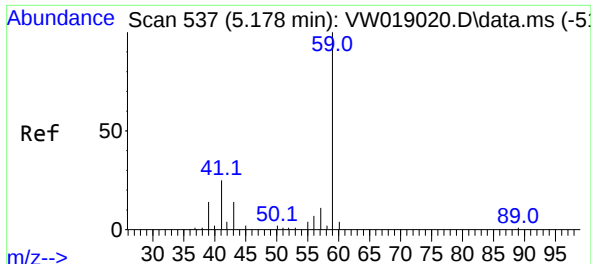
Tgt Ion:142 Resp: 585890
Ion Ratio Lower Upper
142 100
127 42.1 33.7 50.5
141 14.4 11.2 16.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

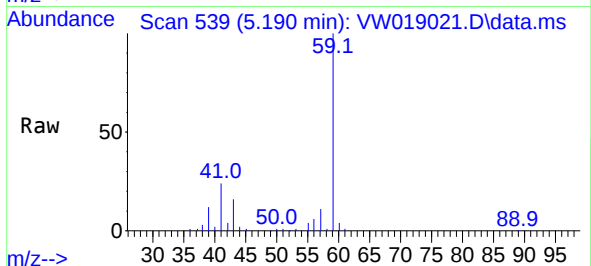
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#11
Tert butyl alcohol
Concen: 435.23 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

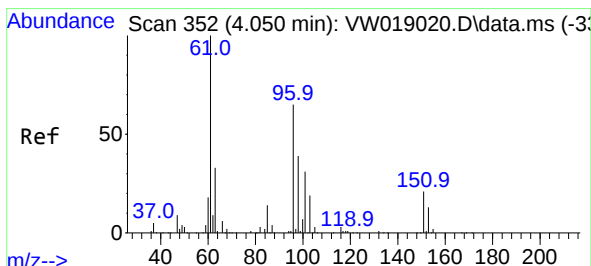
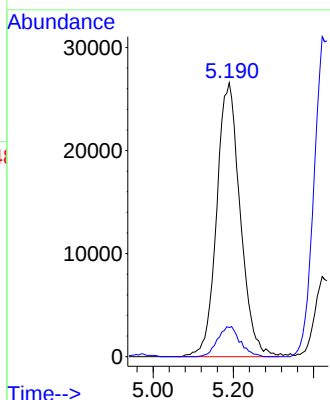
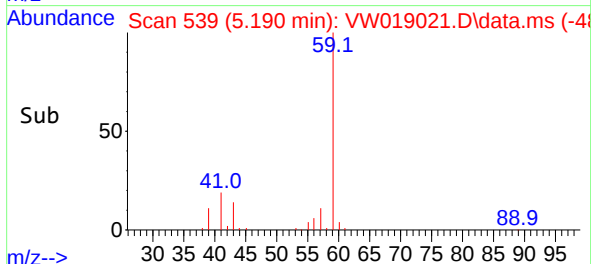
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



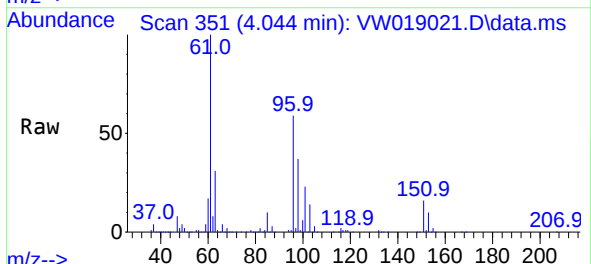
Tgt Ion: 59 Resp: 108286
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

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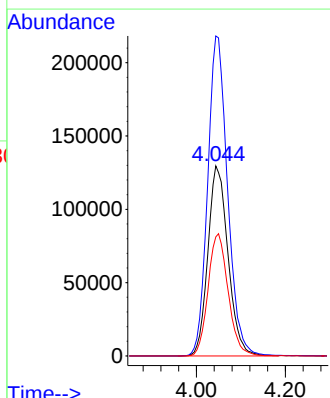
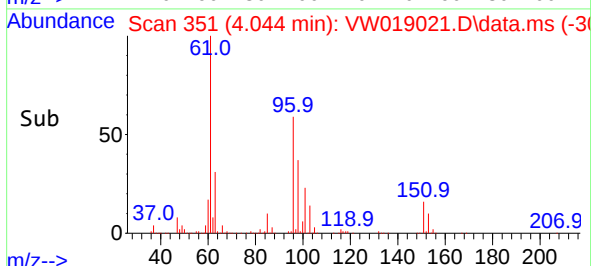
MMDadoda
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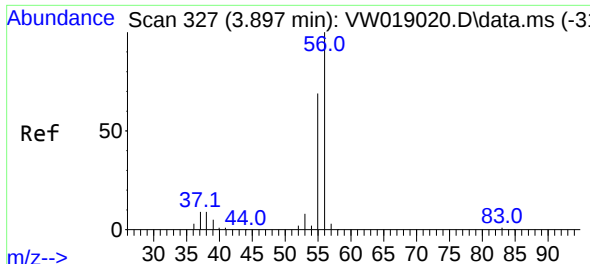


#12
1,1-Dichloroethene
Concen: 102.99 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



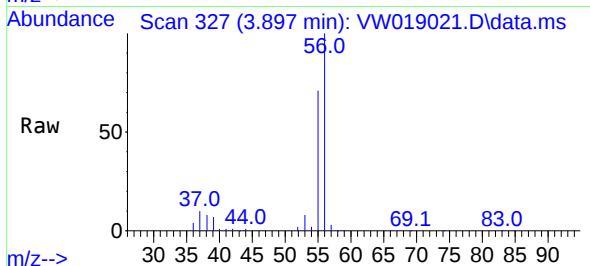
Tgt Ion: 96 Resp: 408323
Ion Ratio Lower Upper
96 100
61 168.3 123.0 184.4
98 62.6 47.5 71.3



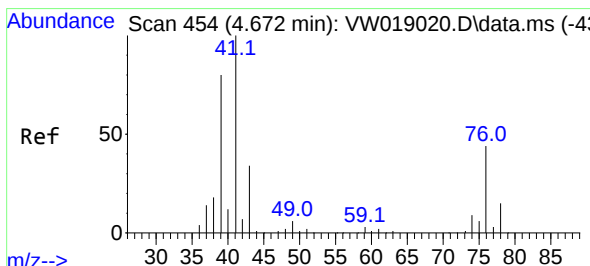
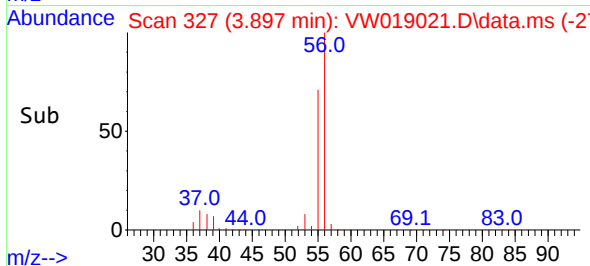
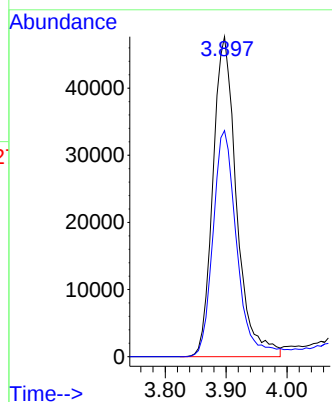


#13
Acrolein
Concen: 464.88 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

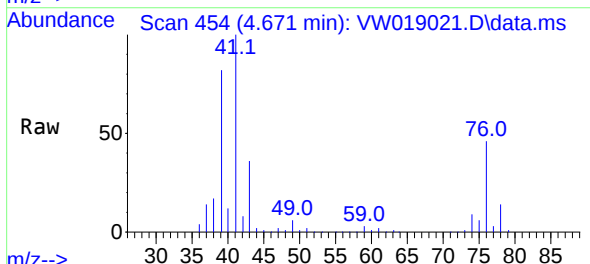
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



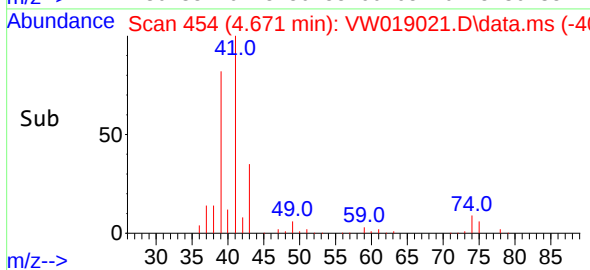
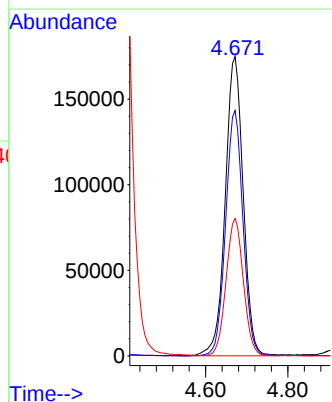
Tgt Ion: 56 Resp: 128447
Ion Ratio Lower Upper
56 100
55 71.9 56.7 85.1

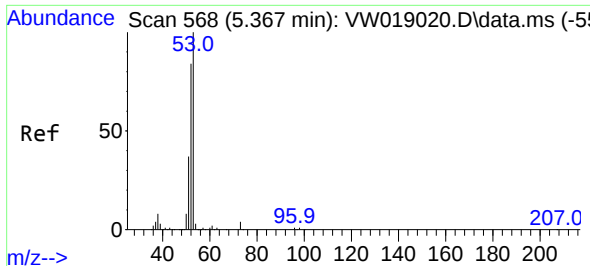


#14
Allyl chloride
Concen: 102.81 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



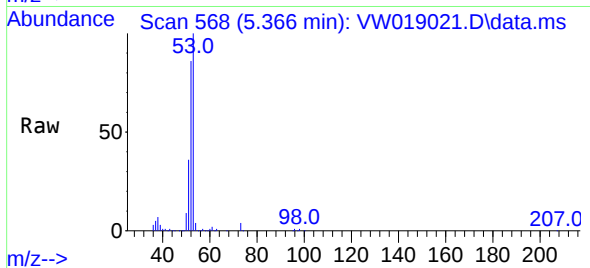
Tgt Ion: 41 Resp: 530400
Ion Ratio Lower Upper
41 100
39 79.6 63.9 95.9
76 44.1 35.1 52.7





#15
Acrylonitrile
Concen: 502.97 ug/l
RT: 5.366 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

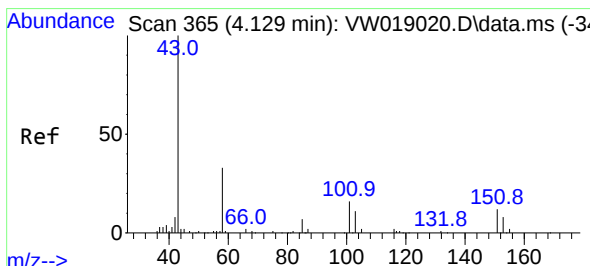
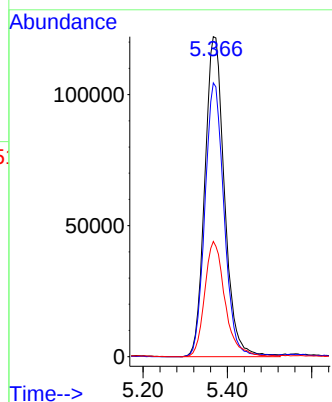


Tgt Ion: 53 Resp: 396011

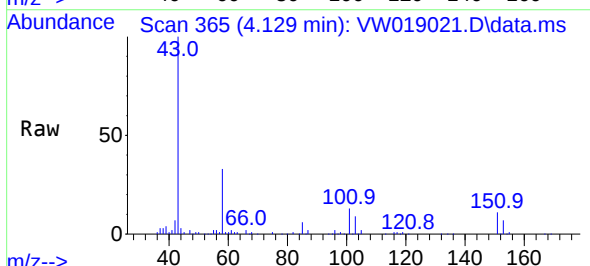
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.1	29.8	44.8

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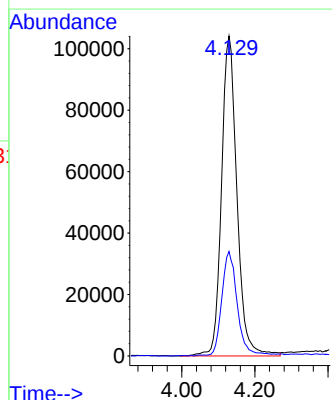
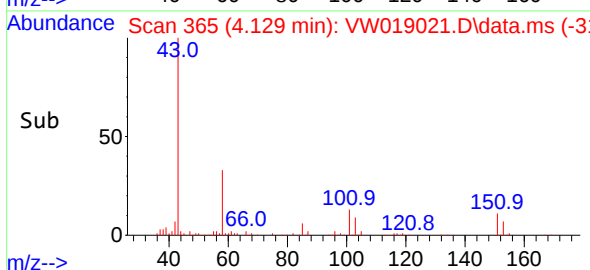


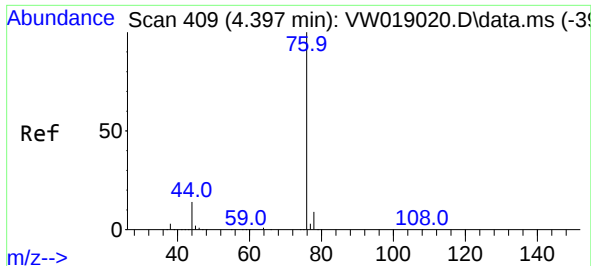
#16
Acetone
Concen: 463.03 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 43 Resp: 306236

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.4	39.6





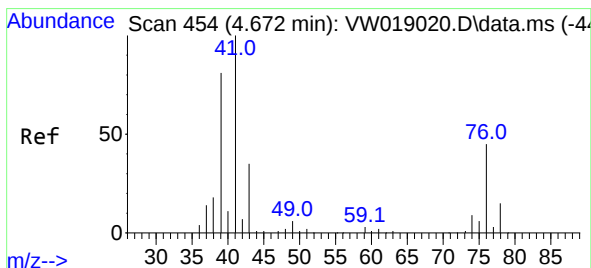
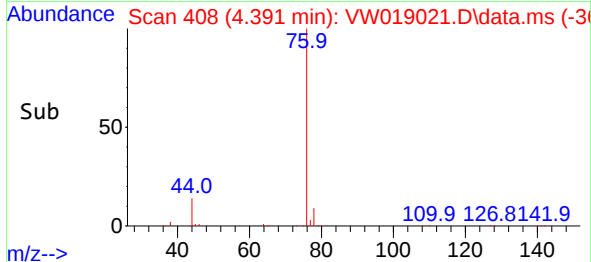
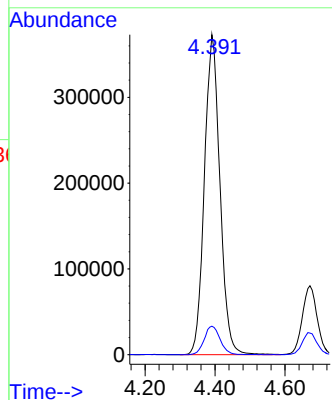
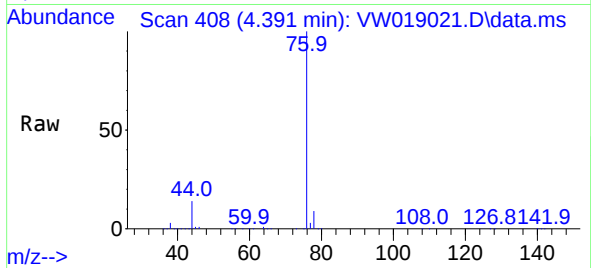
#17
Carbon Disulfide
Concen: 107.20 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 76 Resp: 1147671
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

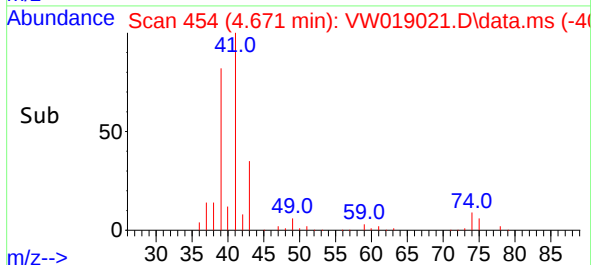
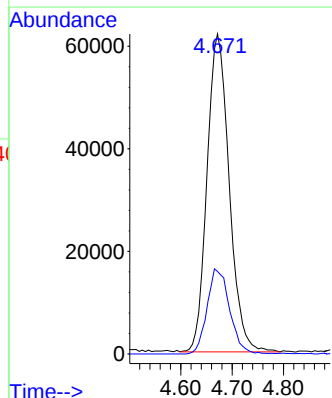
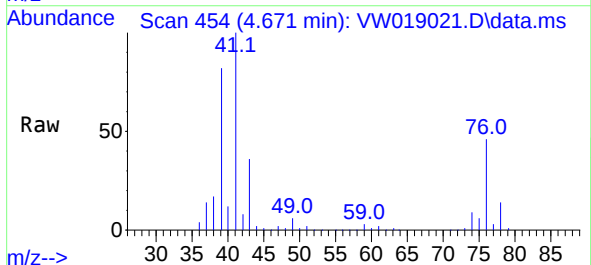
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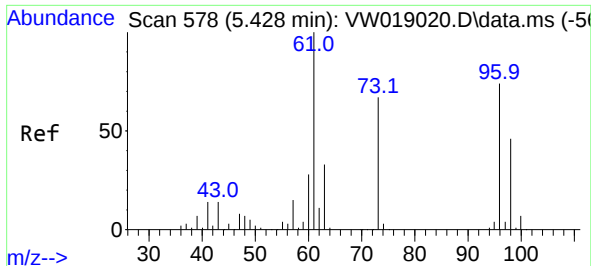
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#18
Methyl Acetate
Concen: 97.13 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 43 Resp: 185627
Ion Ratio Lower Upper
43 100
74 27.1 21.8 32.8





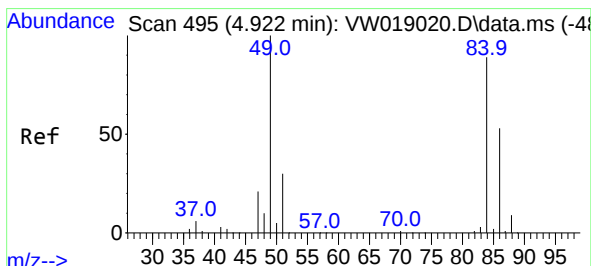
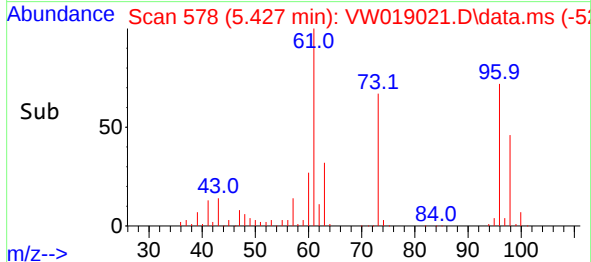
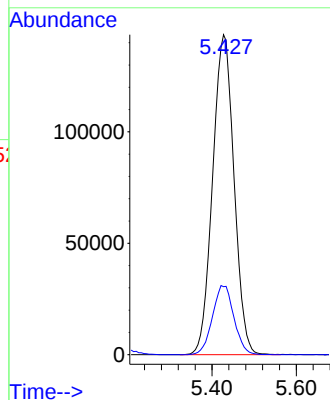
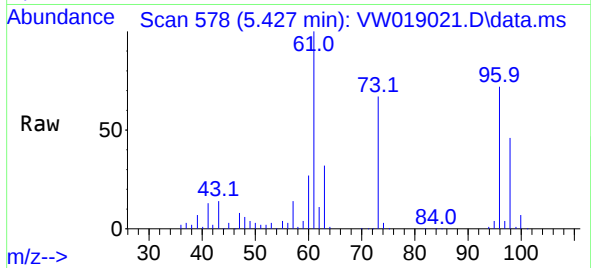
#19
Methyl tert-butyl Ether
Concen: 100.71 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 73 Resp: 505267
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

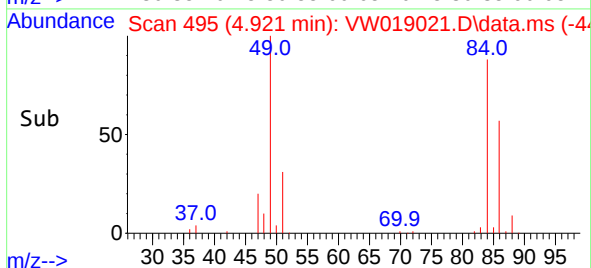
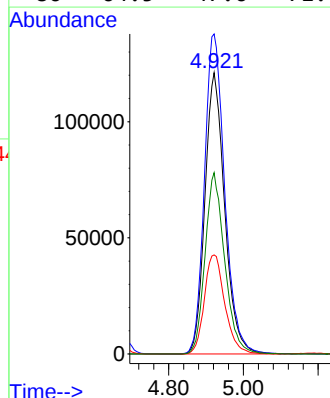
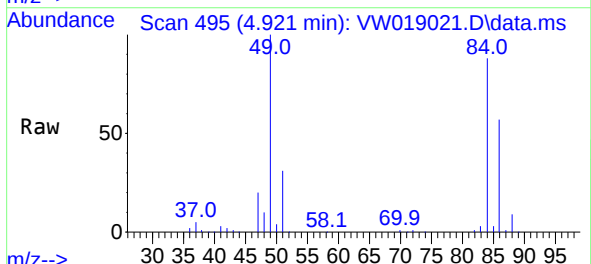
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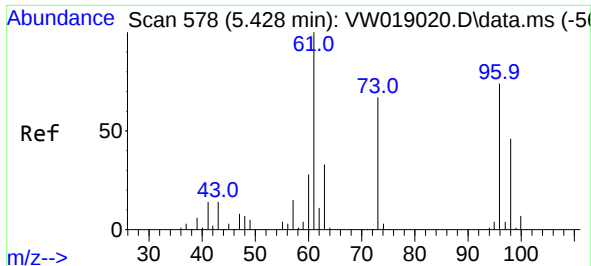
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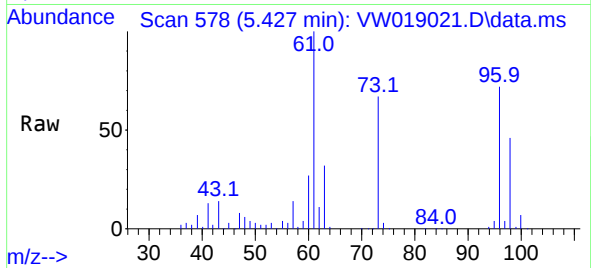
#20
Methylene Chloride
Concen: 68.75 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 84 Resp: 445004
Ion Ratio Lower Upper
84 100
49 113.8 90.4 135.6
51 35.2 27.1 40.7
86 64.5 47.6 71.4



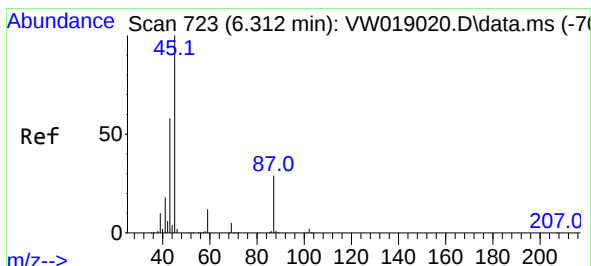
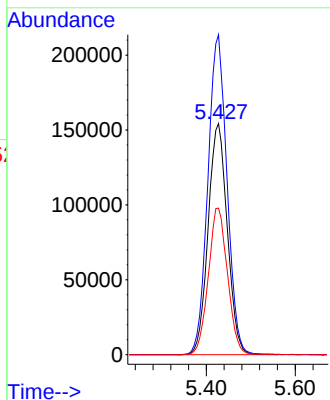
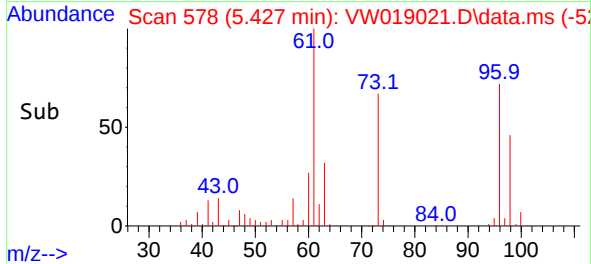


#21
trans-1,2-Dichloroethene
Concen: 101.36 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

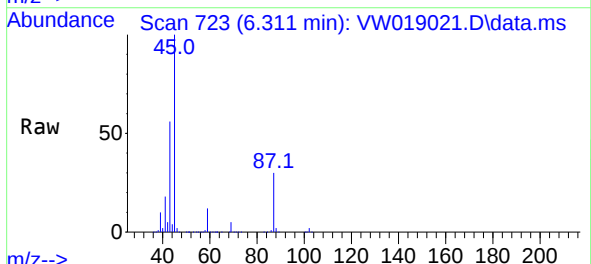


Tgt Ion: 96 Resp: 462273

Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.5	162.7
98	63.4	49.4	74.0

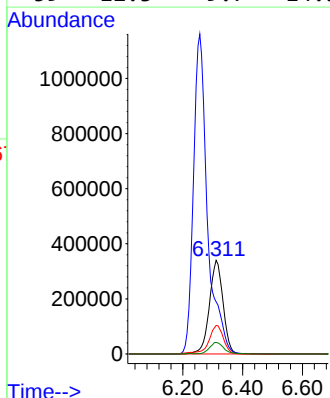
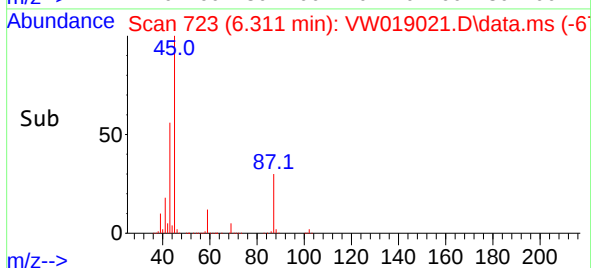


#22
Diisopropyl ether
Concen: 102.66 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 45 Resp: 1076424

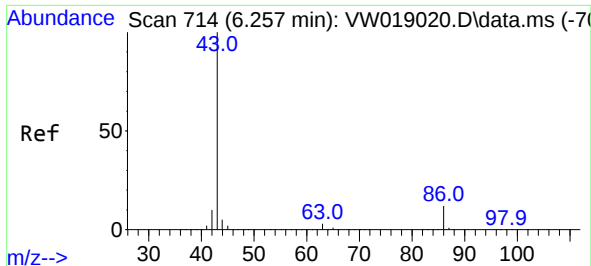
Ion	Ratio	Lower	Upper
45	100		
43	55.8	46.1	69.1
87	30.4	23.4	35.2
59	12.3	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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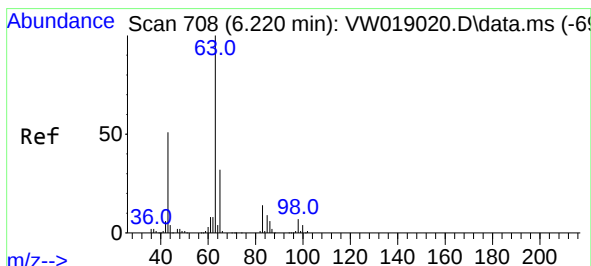
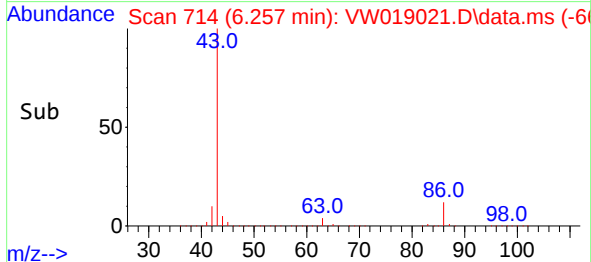
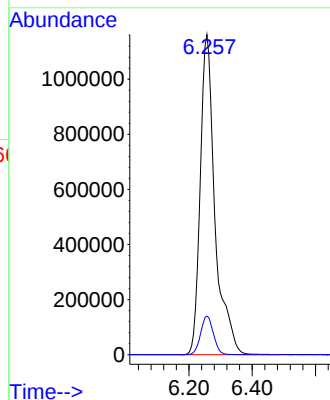
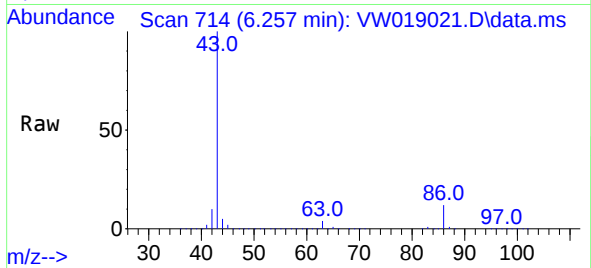
#23
 Vinyl Acetate
 Concen: 547.53 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019021.D
 Acq: 18 May 2021 15:30

Tgt Ion: 43 Resp: 3767417
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

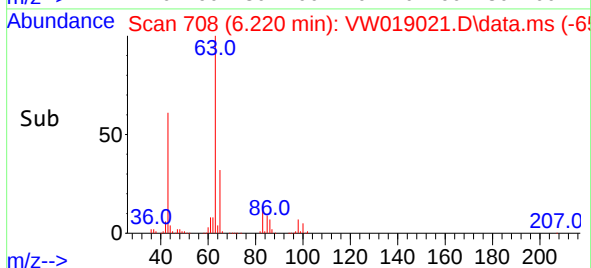
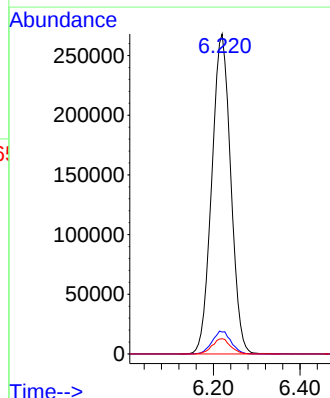
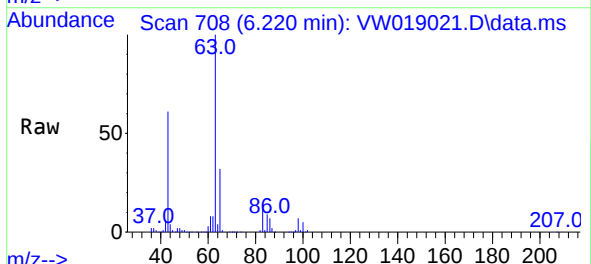
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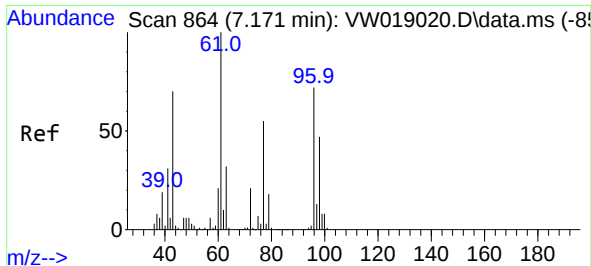
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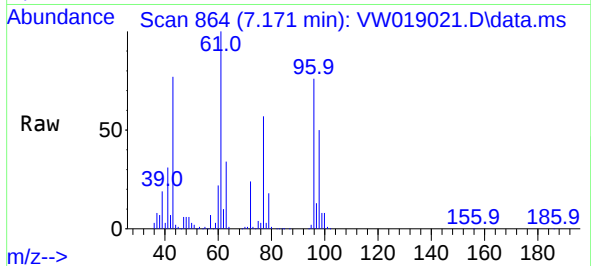
#24
 1,1-Dichloroethane
 Concen: 99.12 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019021.D
 Acq: 18 May 2021 15:30

Tgt Ion: 63 Resp: 815034
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.8 2.3 6.8

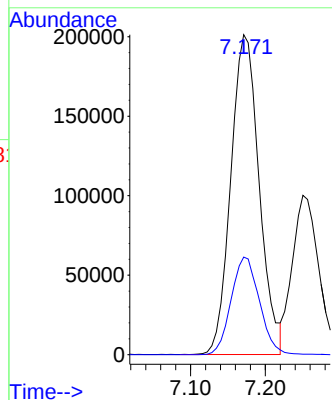
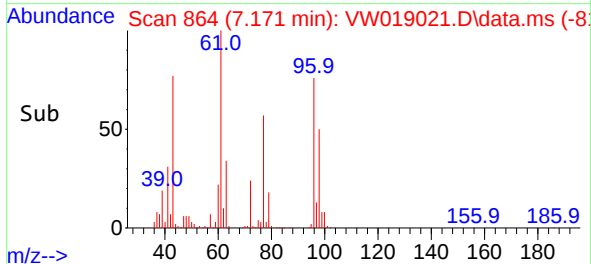




#25
2-Butanone
Concen: 504.92 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



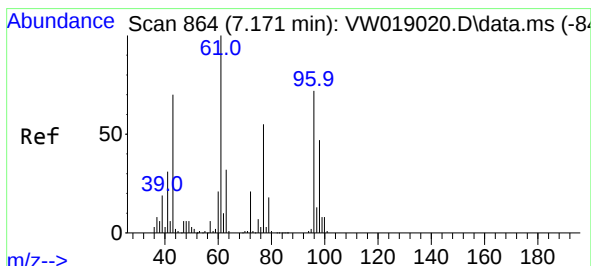
Tgt Ion: 43 Resp: 531845
Ion Ratio Lower Upper
43 100
72 30.5 24.0 36.0



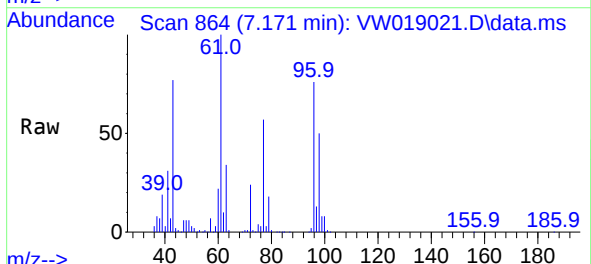
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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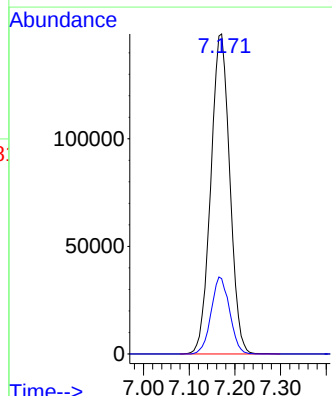
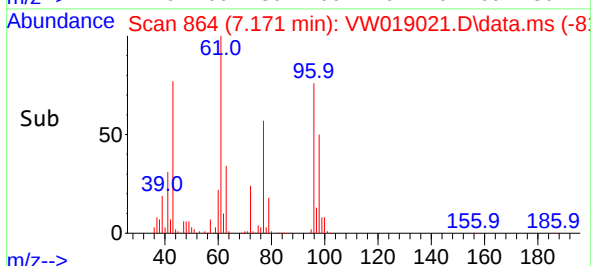
MMDadoda
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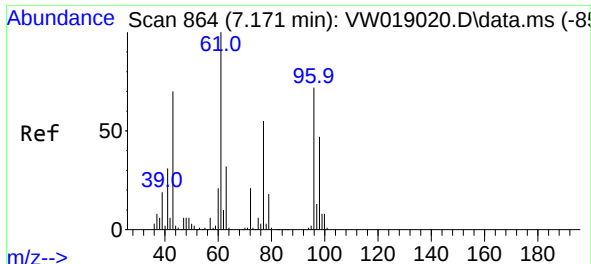


#26
2,2-Dichloropropane
Concen: 95.12 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 77 Resp: 429055
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 101.41 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW019021.D

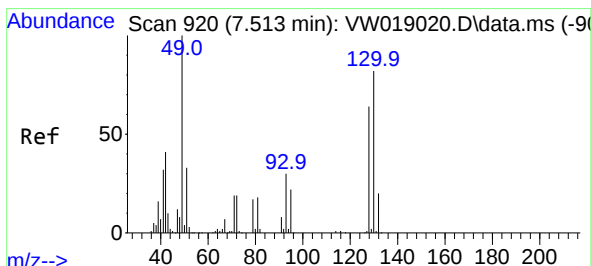
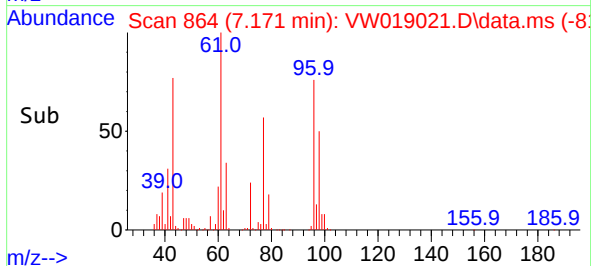
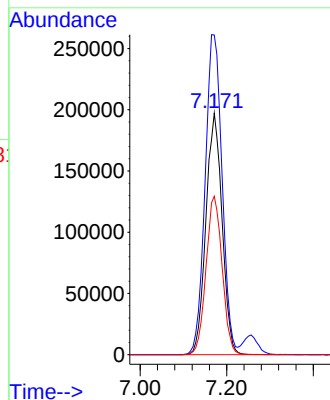
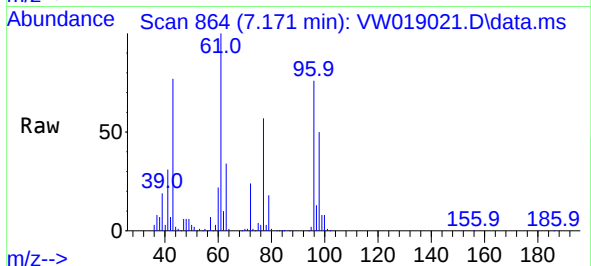
Acq: 18 May 2021 15:30

Tgt Ion:	96	Resp:	511176
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	281.2
98	65.3	0.0	127.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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#28

Bromochloromethane

Concen: 96.10 ug/l

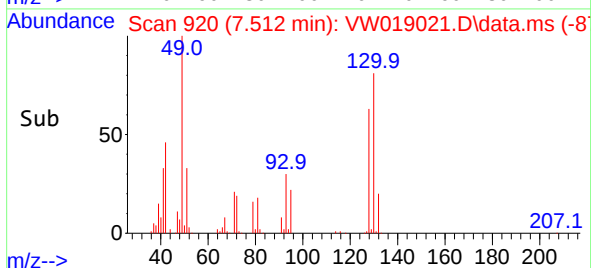
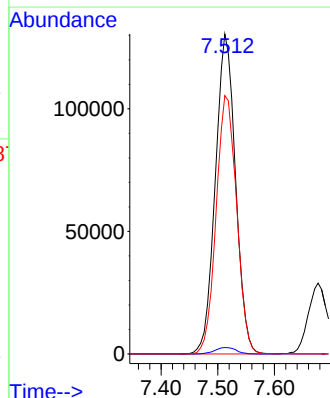
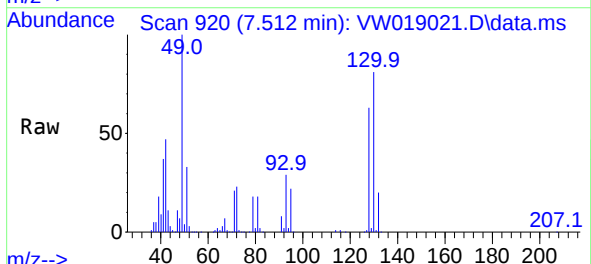
RT: 7.512 min Scan# 920

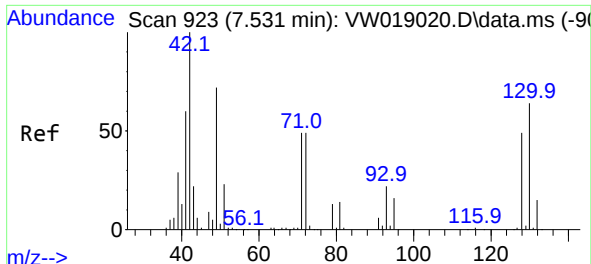
Delta R.T. -0.000 min

Lab File: VW019021.D

Acq: 18 May 2021 15:30

Tgt Ion:	49	Resp:	322744
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	82.0	63.0	94.4





#29
Tetrahydrofuran
Concen: 516.98 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

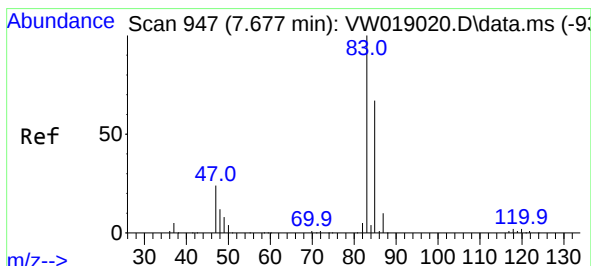
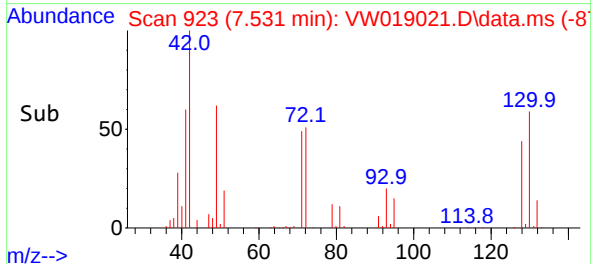
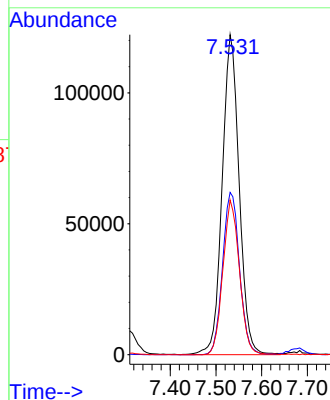
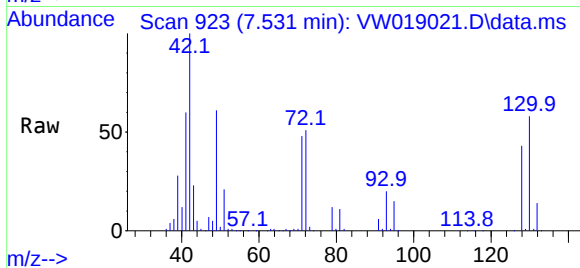
Tgt Ion: 42 Resp: 315931

Ion	Ratio	Lower	Upper
42	100		
72	50.7	40.1	60.1
71	47.0	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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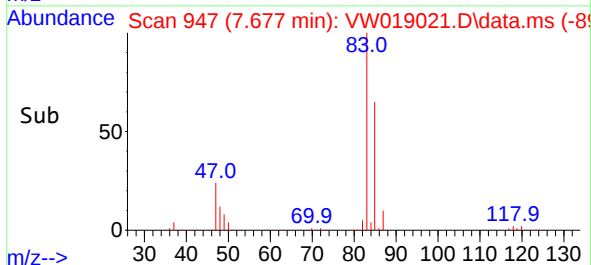
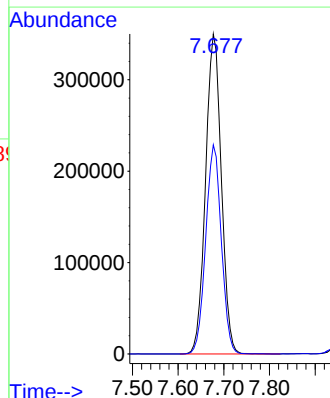
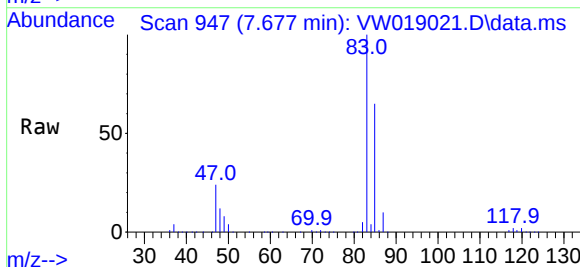
MMDadoda
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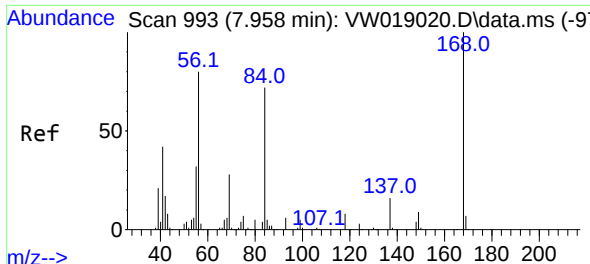


#30
Chloroform
Concen: 100.78 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

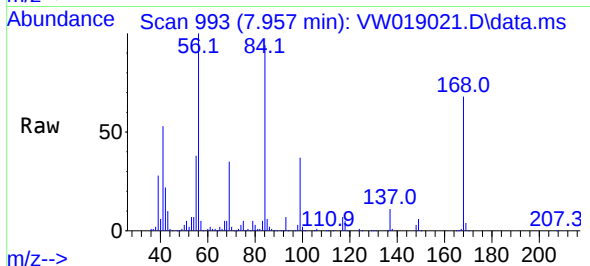
Tgt Ion: 83 Resp: 839503

Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.4	80.0

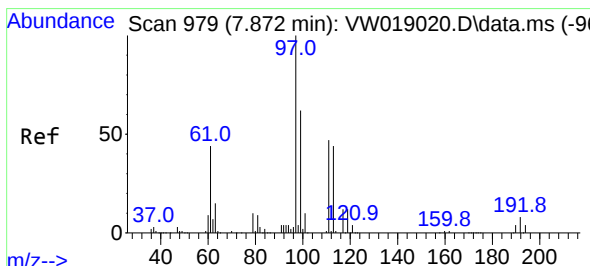
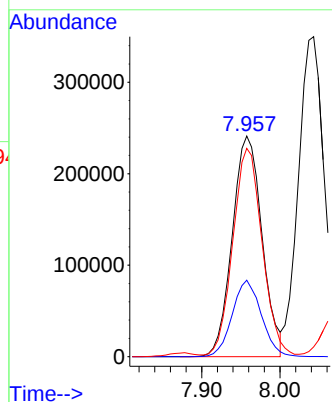
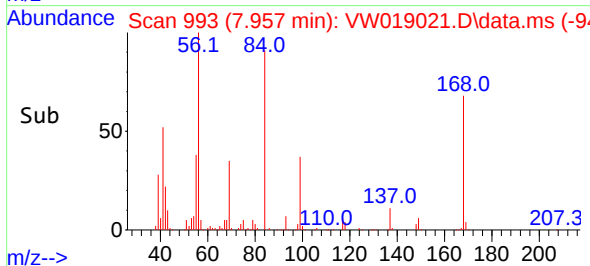




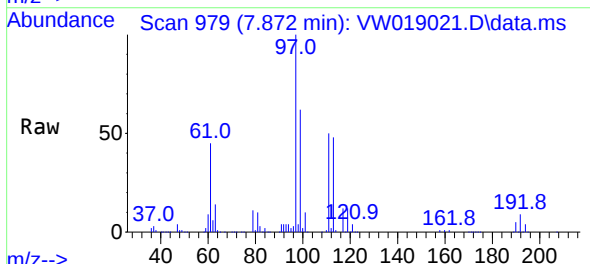
#31
Cyclohexane
Concen: 89.26 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



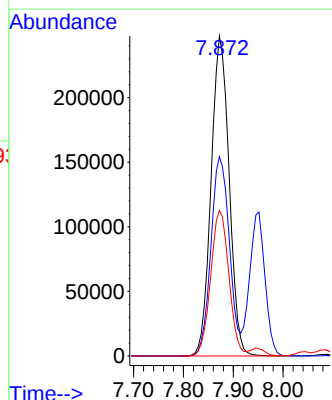
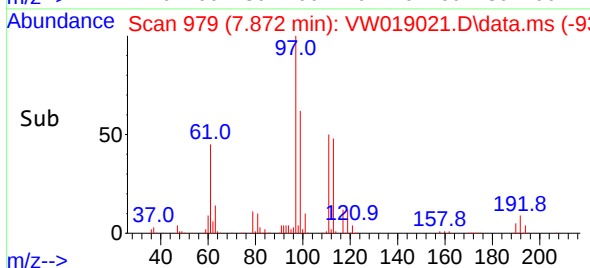
Tgt Ion: 56 Resp: 637560
Ion Ratio Lower Upper
56 100
69 34.7 28.4 42.6
84 92.8 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 100.37 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



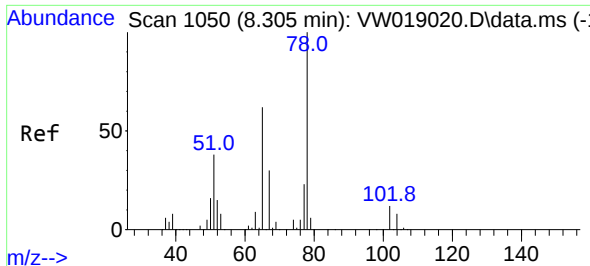
Tgt Ion: 97 Resp: 622441
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.4
61 46.0 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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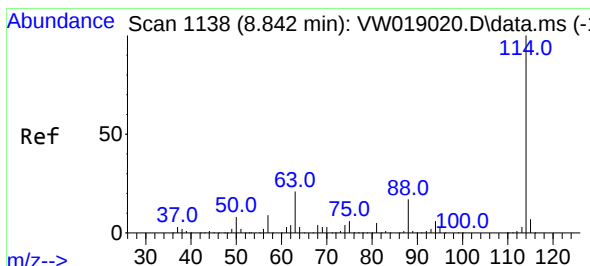
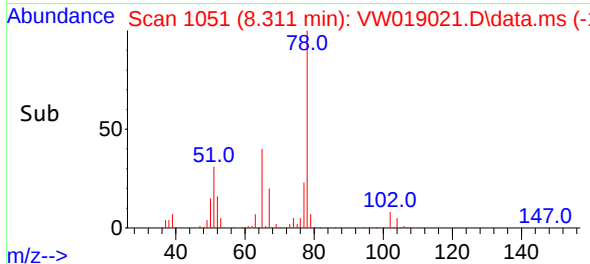
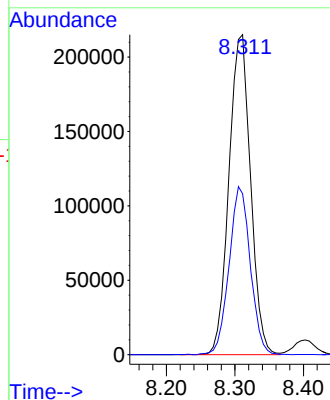
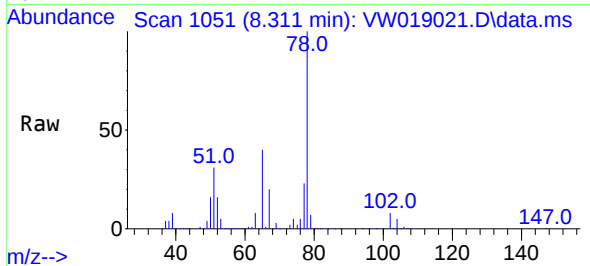
#33
1,2-Dichloroethane-d4
Concen: 124.01 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 65 Resp: 471151
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

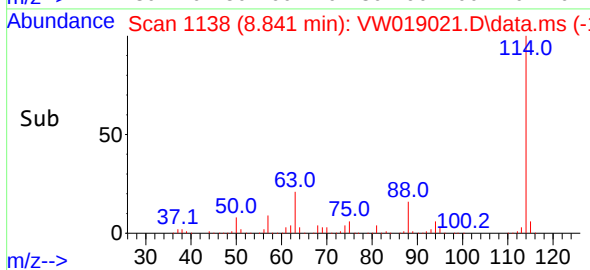
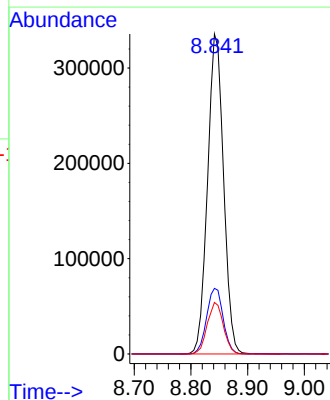
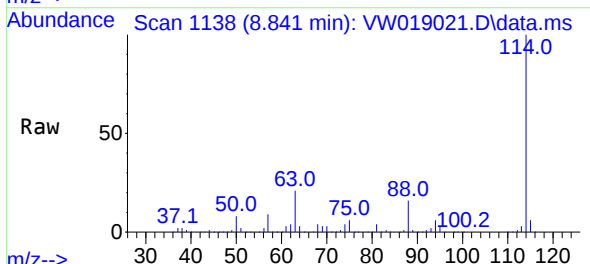
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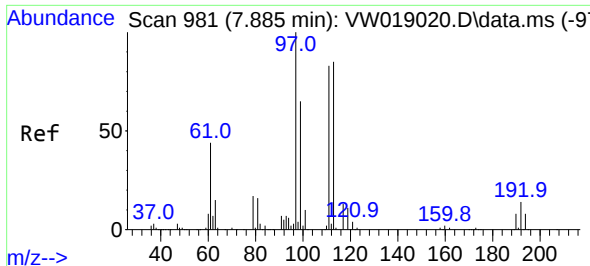
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

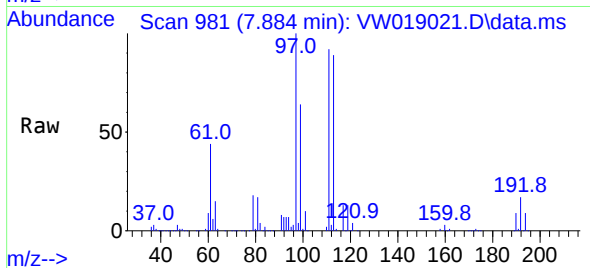
Tgt Ion: 114 Resp: 657878
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 128.90 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

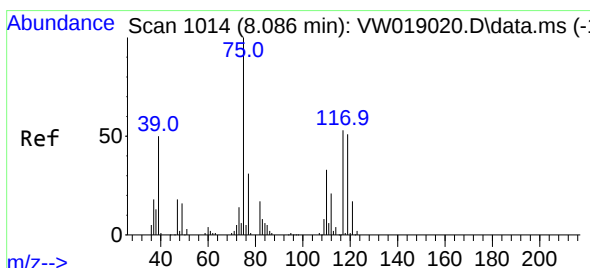
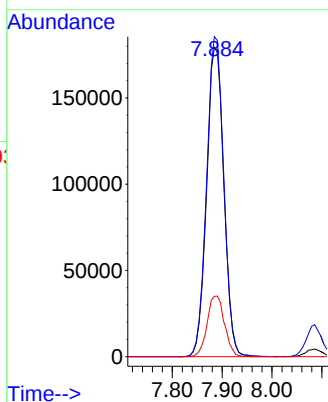
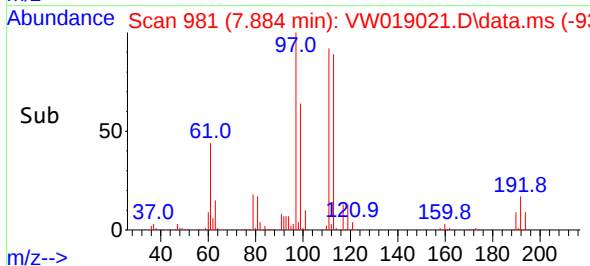
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



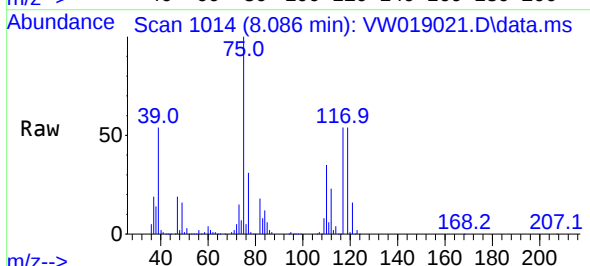
Tgt Ion:113 Resp: 430006
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 19.8 15.3 22.9

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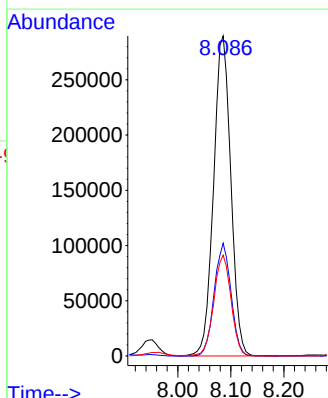
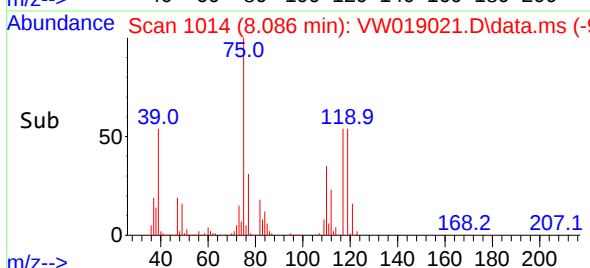
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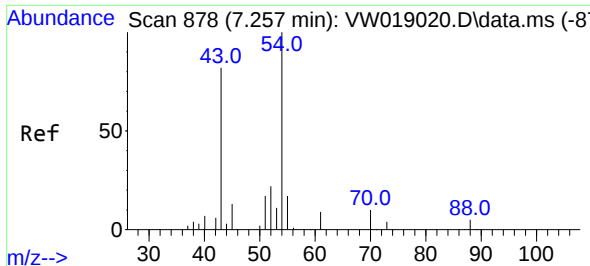


#36
1,1-Dichloropropene
Concen: 100.05 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 75 Resp: 654528
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 99.85 ug/l

RT: 7.250 min Scan# 877

Delta R.T. -0.006 min

Lab File: VW019021.D

Acq: 18 May 2021 15:30

Tgt Ion: 43 Resp: 251889

Ion Ratio Lower Upper

43 100

61 15.1 12.2 18.4

70 12.0 9.5 14.3

Instrument :

MSVOA_W

ClientSampleId :

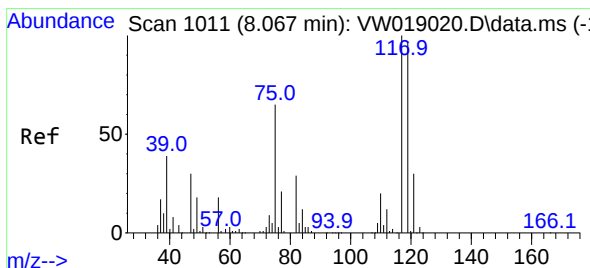
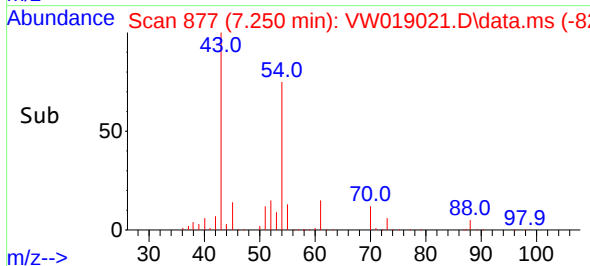
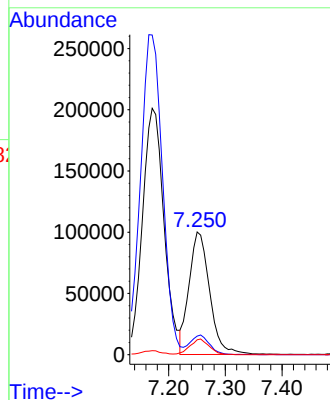
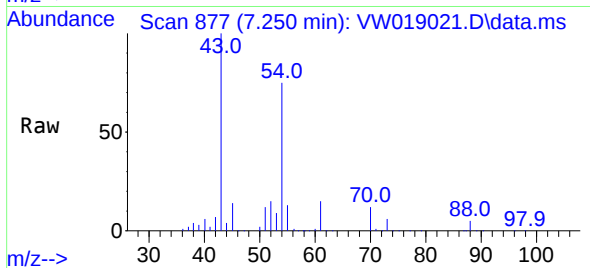
VSTDIC100

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#38

Carbon Tetrachloride

Concen: 103.98 ug/l

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW019021.D

Acq: 18 May 2021 15:30

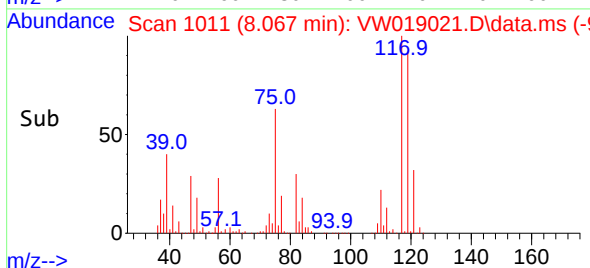
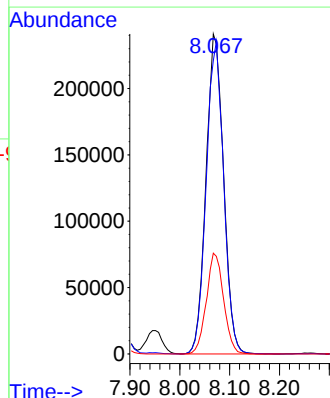
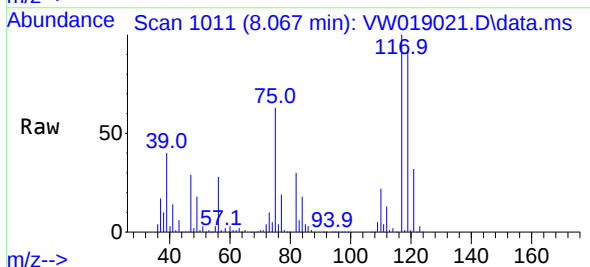
Tgt Ion: 117 Resp: 590194

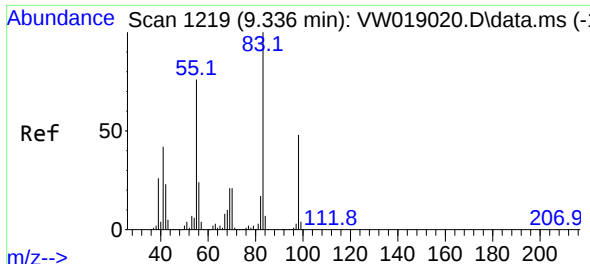
Ion Ratio Lower Upper

117 100

119 91.6 77.4 116.0

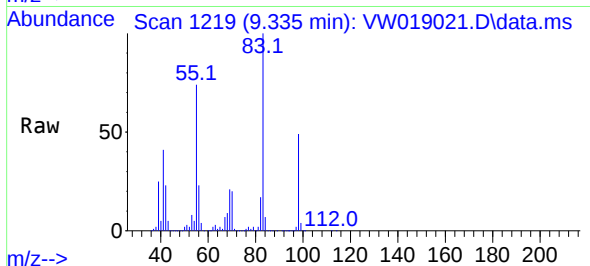
121 31.5 23.6 35.4





#39
Methylcyclohexane
Concen: 104.79 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

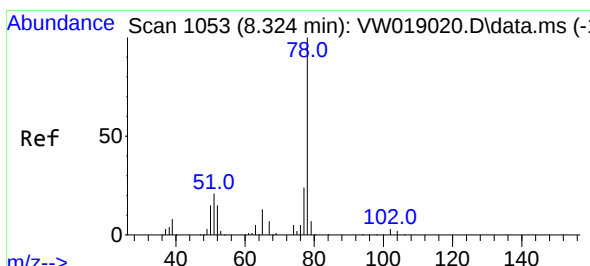
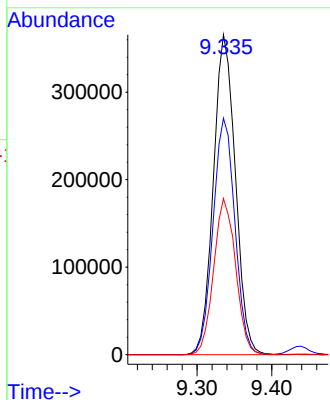
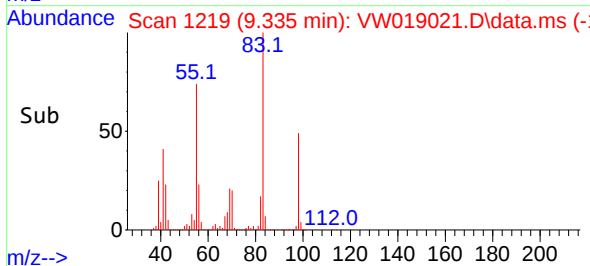
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



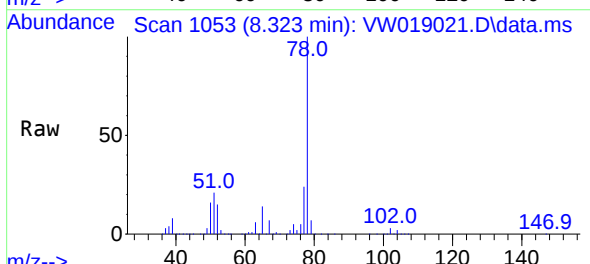
Tgt Ion: 83 Resp: 747632
Ion Ratio Lower Upper
83 100
55 73.9 60.9 91.3
98 48.8 38.4 57.6

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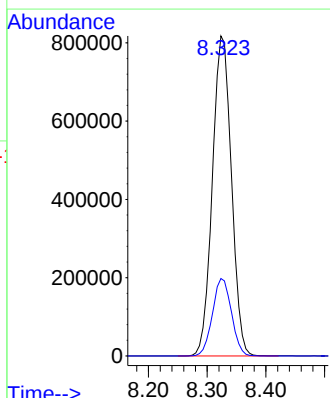
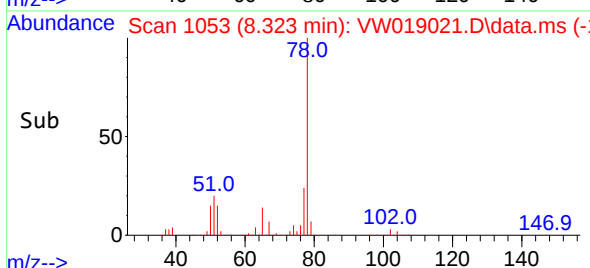
MMDadoda
5/20/2021 5:58:38 PM

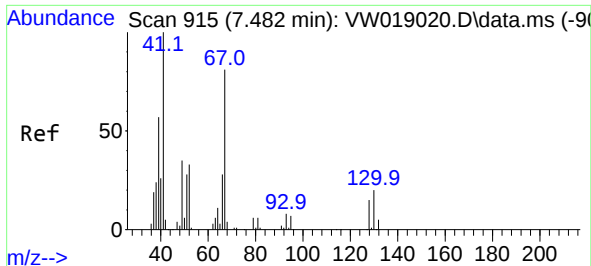


#40
Benzene
Concen: 100.50 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

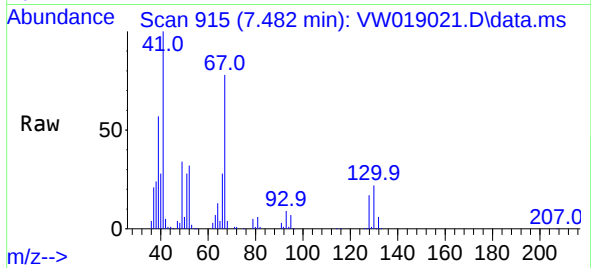


Tgt Ion: 78 Resp: 1839986
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



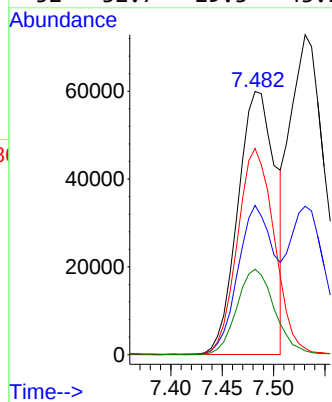


#41
Methacrylonitrile
Concen: 118.77 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 41 Resp: 153198

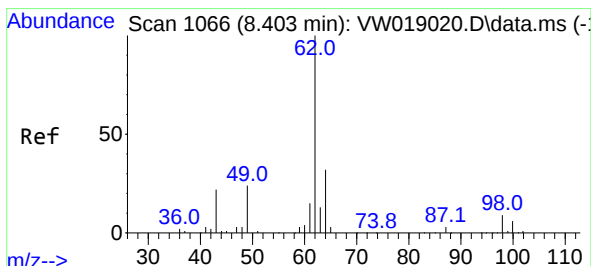
Ion	Ratio	Lower	Upper
41	100		
39	54.7	50.1	75.1
67	77.5	69.0	103.4
52	32.7	29.3	43.9



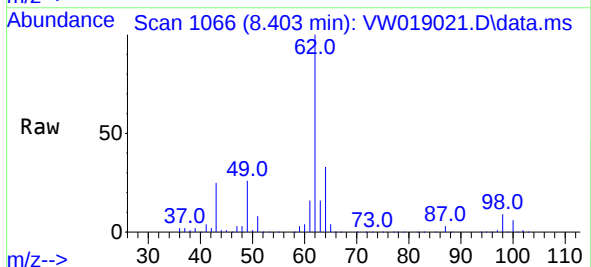
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
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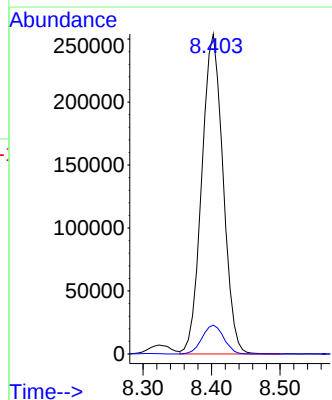
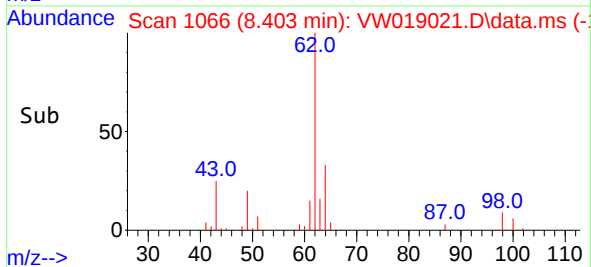


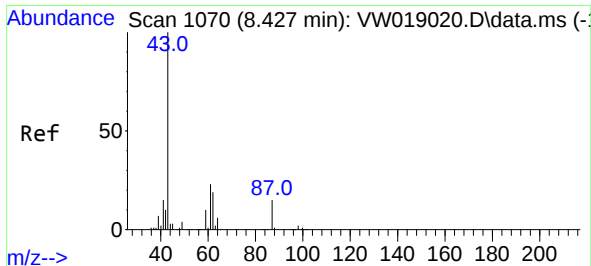
#42
1,2-Dichloroethane
Concen: 101.96 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



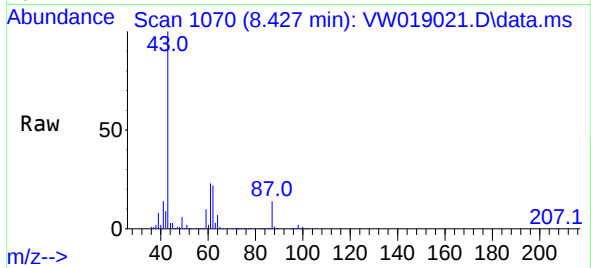
Tgt Ion: 62 Resp: 547792

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

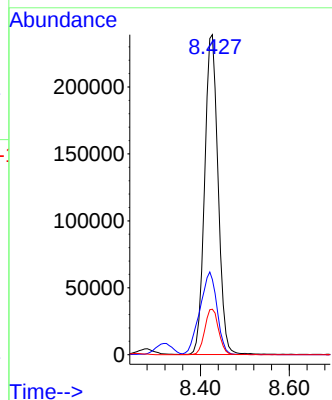
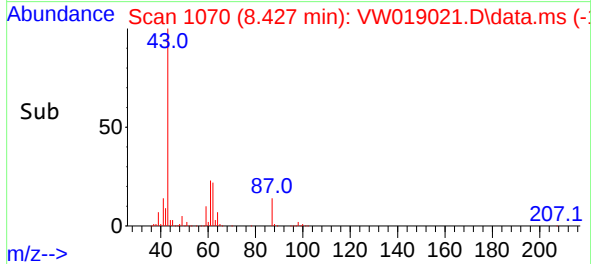




#43
Isopropyl Acetate
Concen: 111.16 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



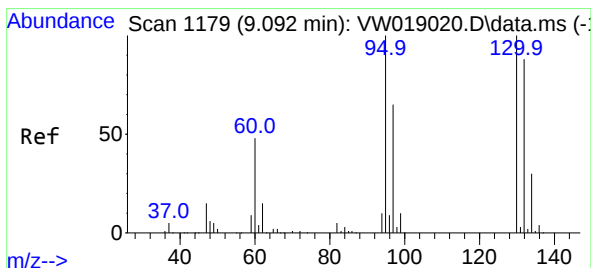
Tgt Ion: 43 Resp: 503259
Ion Ratio Lower Upper
43 100
61 32.9 27.0 40.6
87 14.7 11.6 17.4



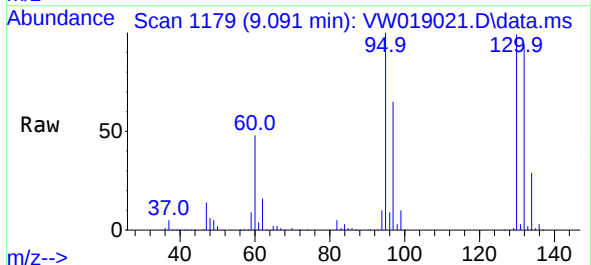
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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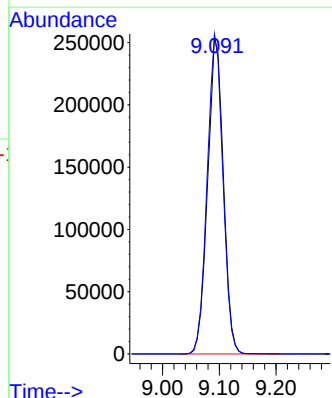
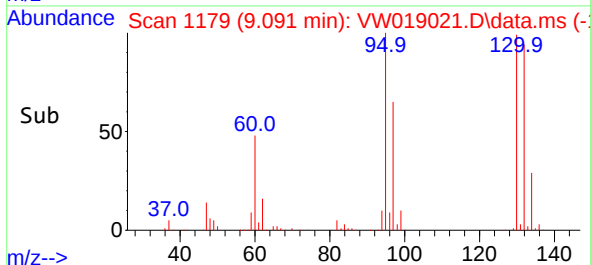
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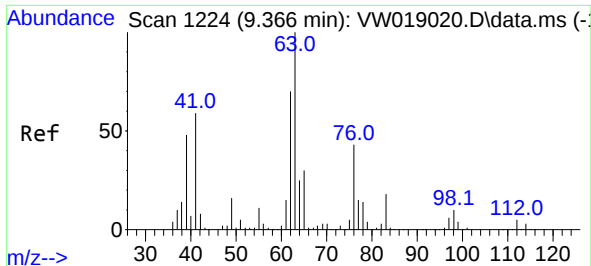


#44
Trichloroethene
Concen: 105.58 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



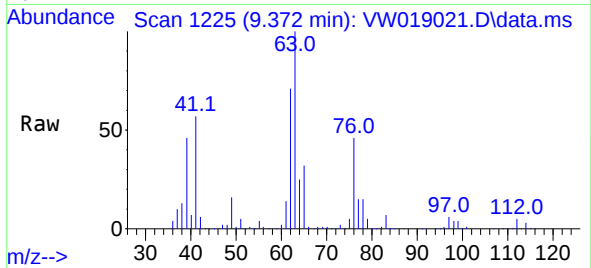
Tgt Ion: 130 Resp: 489801
Ion Ratio Lower Upper
130 100
95 101.2 0.0 199.0





#45
1,2-Dichloropropane
Concen: 101.90 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

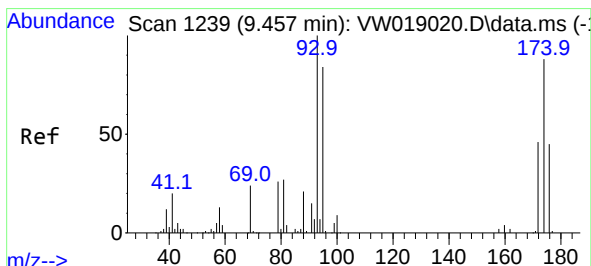
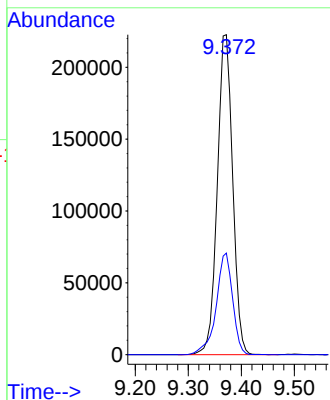
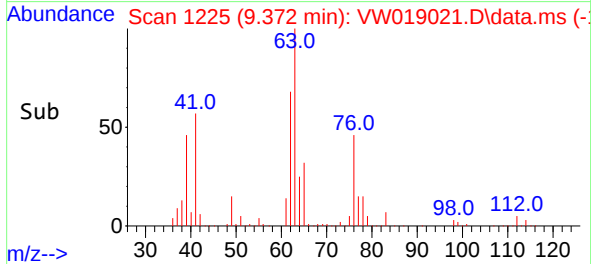
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



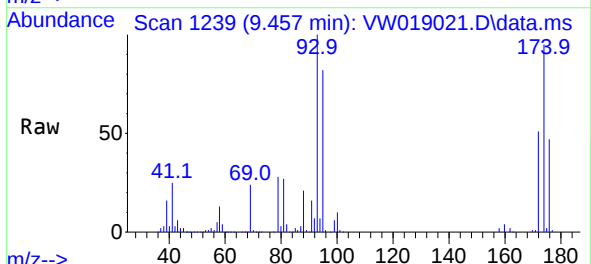
Tgt Ion: 63 Resp: 448282
Ion Ratio Lower Upper
63 100
65 31.8 24.1 36.1

Manual Integrations
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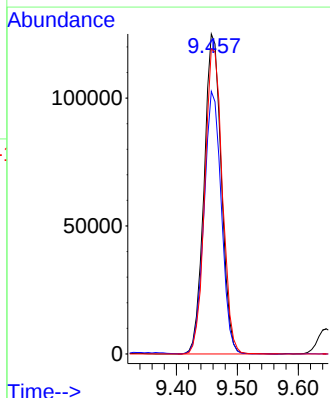
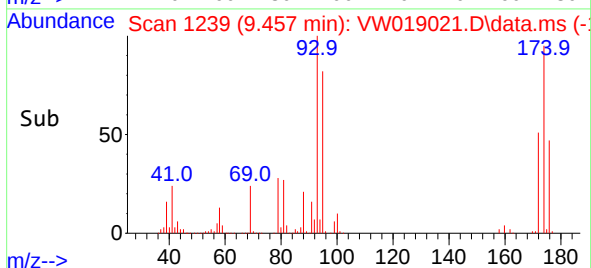
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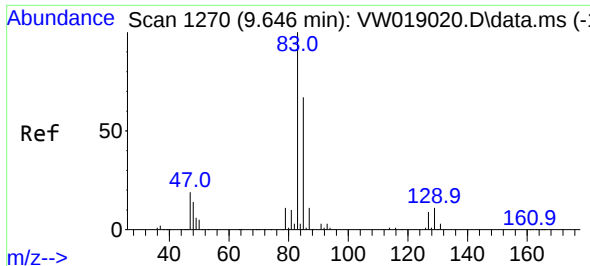


#46
Dibromomethane
Concen: 103.56 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

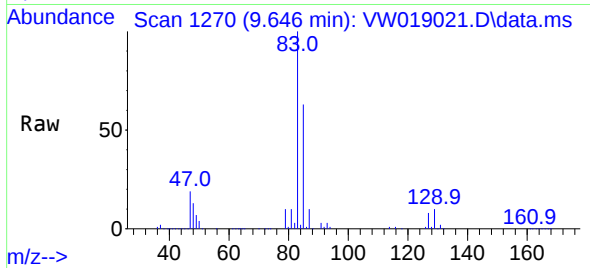


Tgt Ion: 93 Resp: 245953
Ion Ratio Lower Upper
93 100
95 82.2 66.7 100.1
174 96.8 75.3 112.9

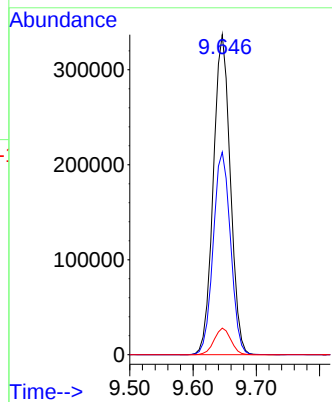
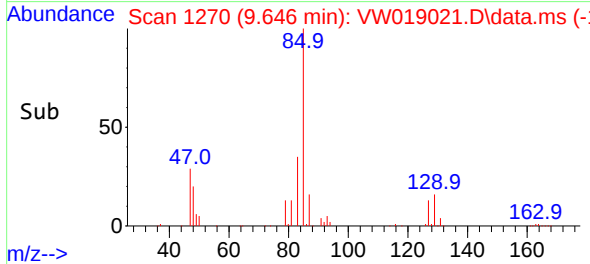




#47
Bromodichloromethane
Concen: 108.26 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



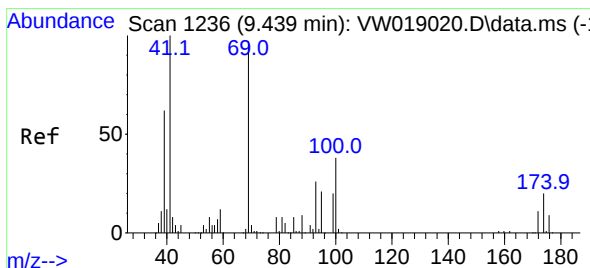
Tgt Ion: 83 Resp: 627843
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.2
127 8.3 7.0 10.6



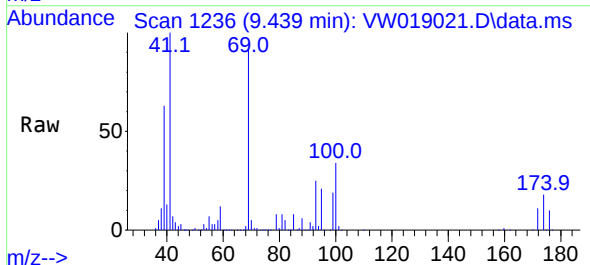
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
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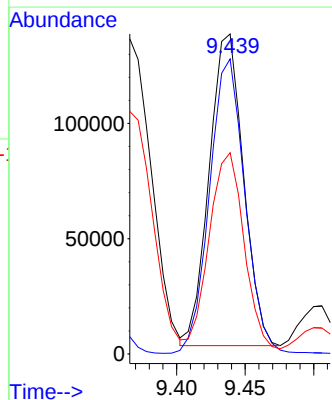
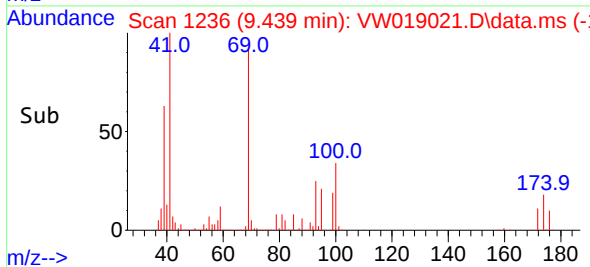
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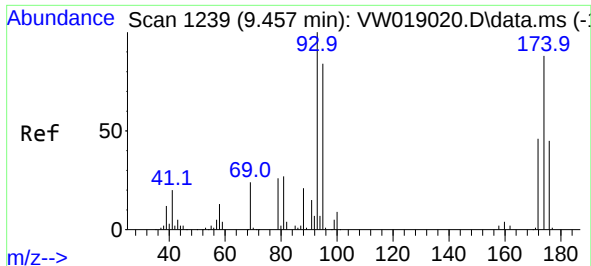


#48
Methyl methacrylate
Concen: 114.10 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



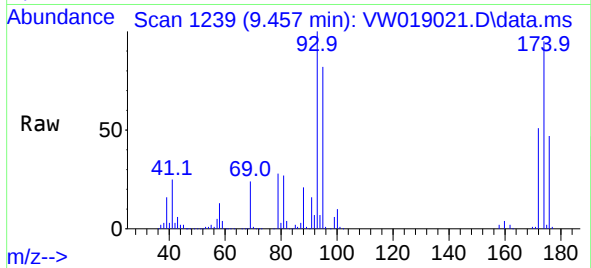
Tgt Ion: 41 Resp: 234904
Ion Ratio Lower Upper
41 100
69 98.2 80.2 120.2
39 67.6 51.5 77.3





#49
1,4-Dioxane
Concen: 2140.49 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

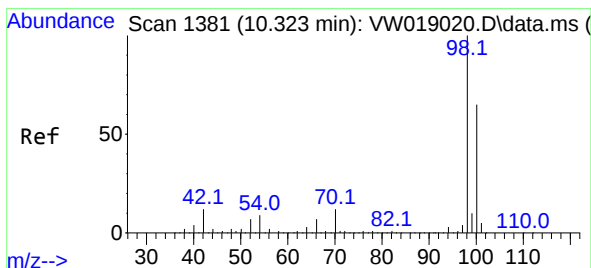
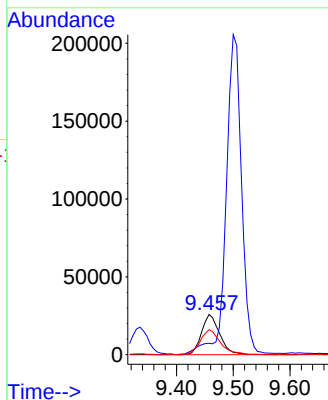
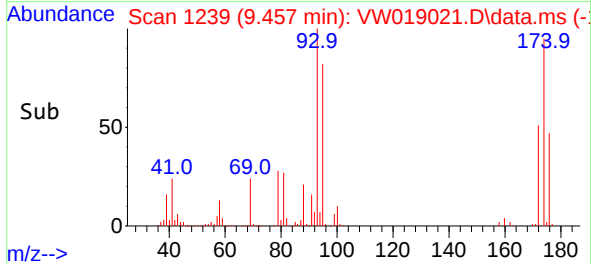
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



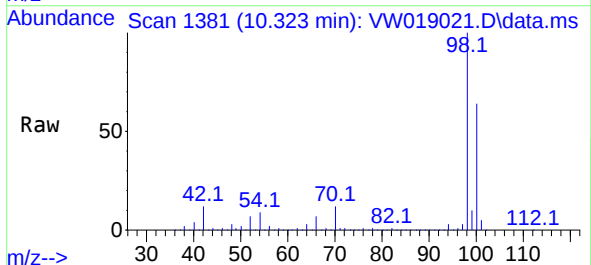
Tgt Ion: 88 Resp: 57176
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 70.1 55.4 83.2

Manual Integrations
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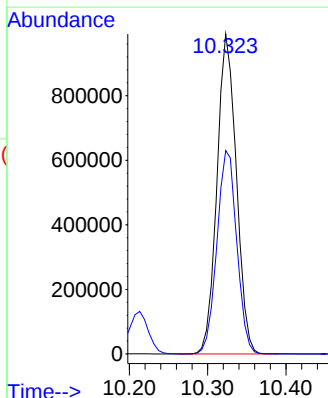
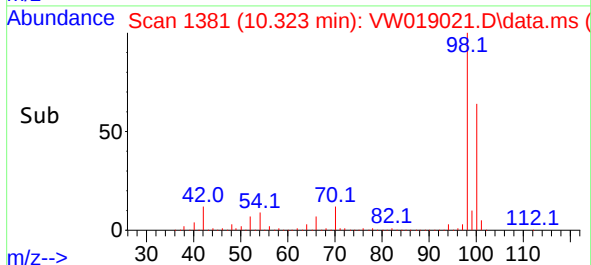
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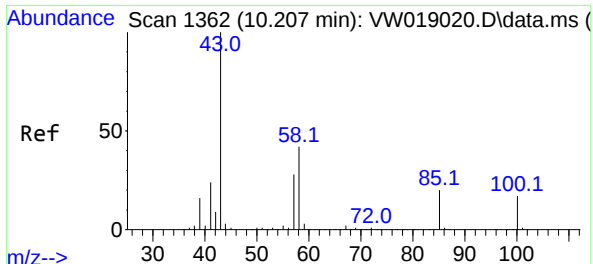


#50
Toluene-d8
Concen: 130.59 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 98 Resp: 1705651
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





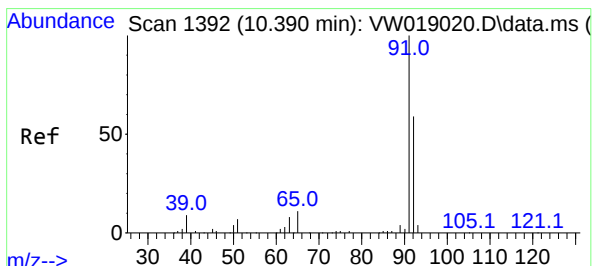
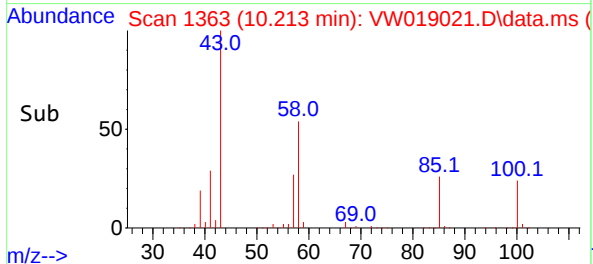
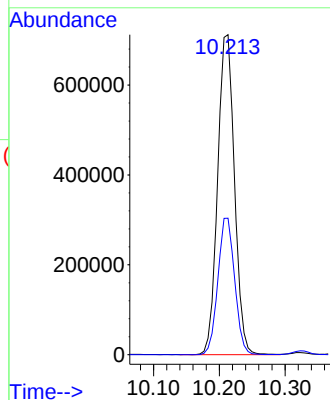
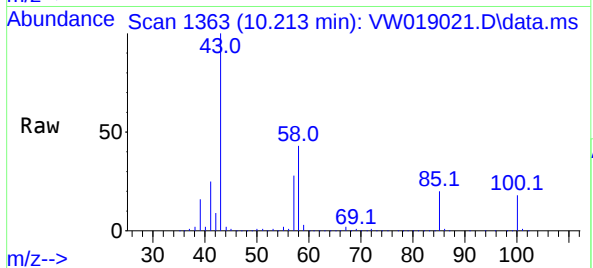
#51
4-Methyl-2-Pentanone
Concen: 530.96 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 43 Resp: 1268906
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.4

Instrument :
MSVOA_W
ClientSampleId :
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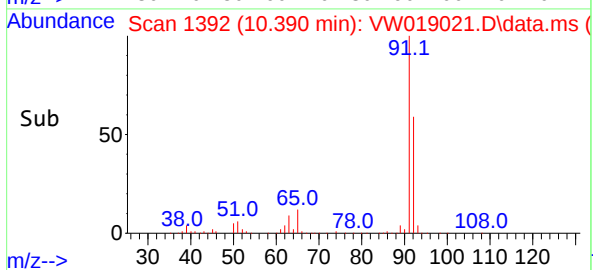
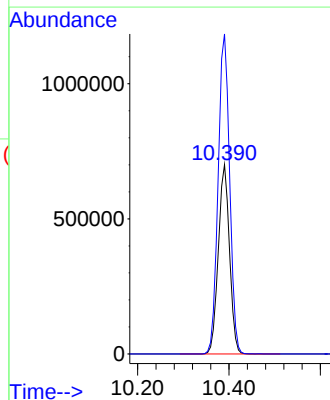
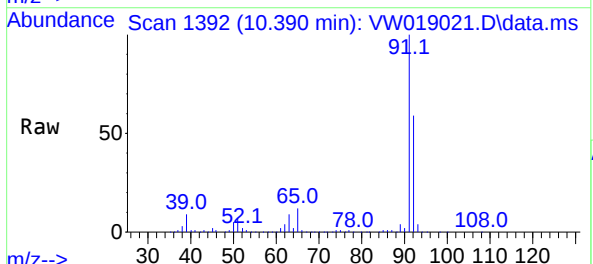
Manual Integrations
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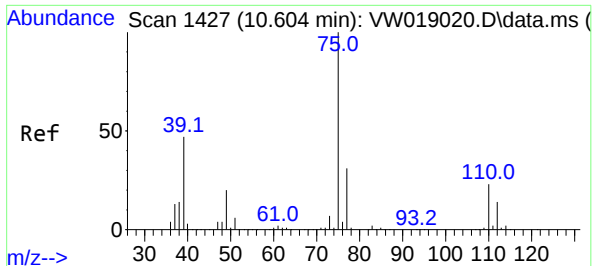
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#52
Toluene
Concen: 103.72 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 92 Resp: 1188977
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0





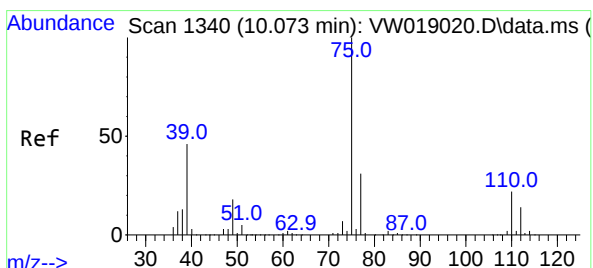
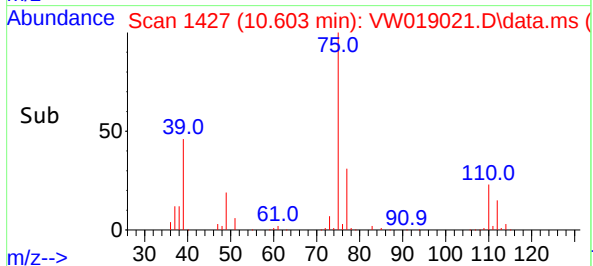
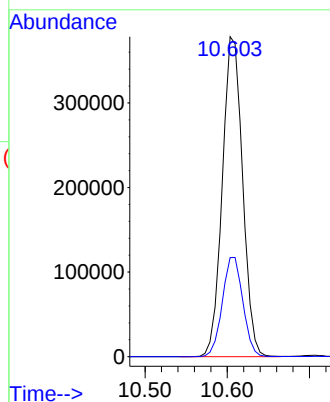
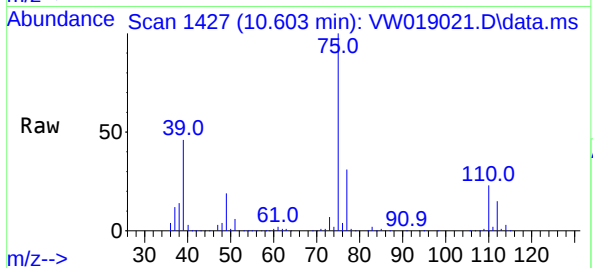
#53
t-1,3-Dichloropropene
Concen: 117.19 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 75 Resp: 649366
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

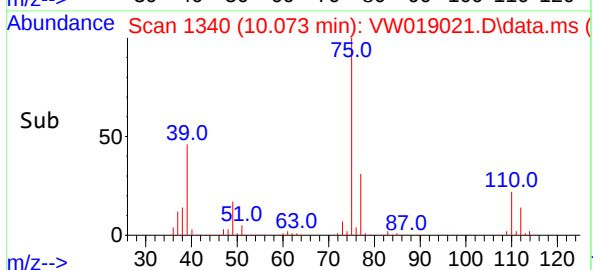
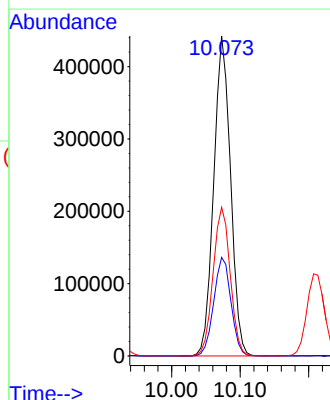
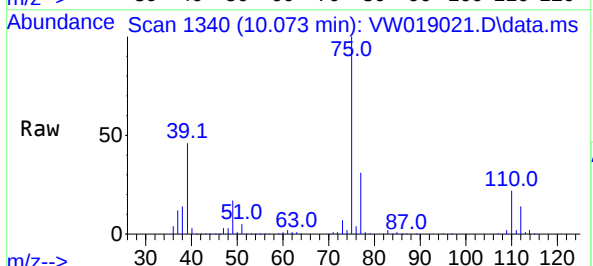
Manual Integrations
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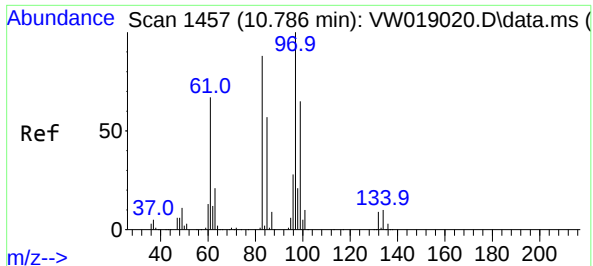
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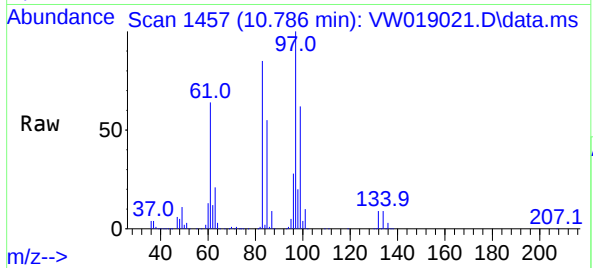
#54
cis-1,3-Dichloropropene
Concen: 111.91 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 75 Resp: 753989
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 46.4 36.9 55.3

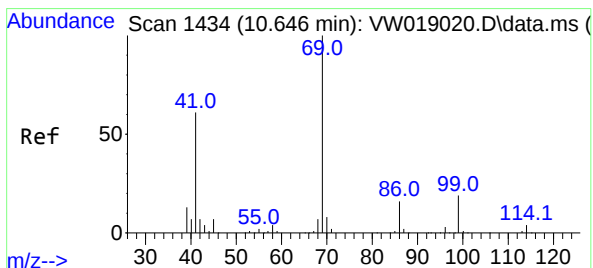
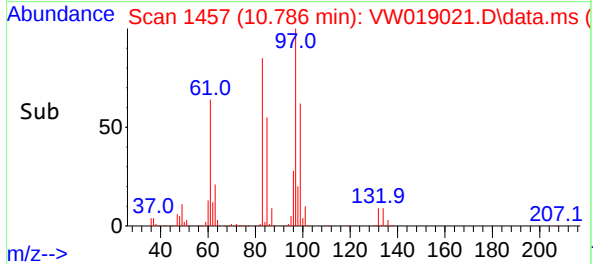
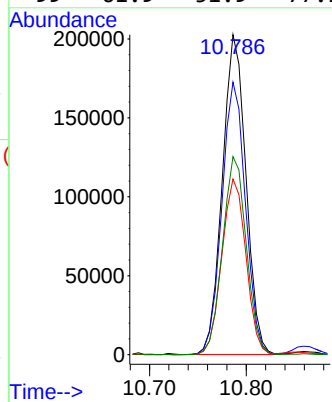




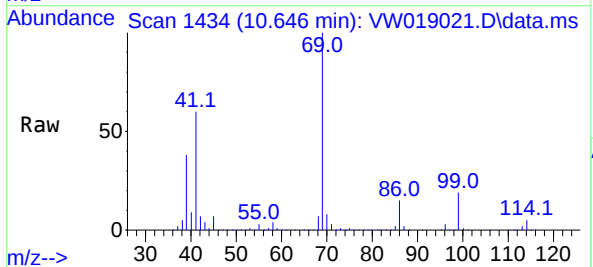
#55
1,1,2-Trichloroethane
Concen: 104.96 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



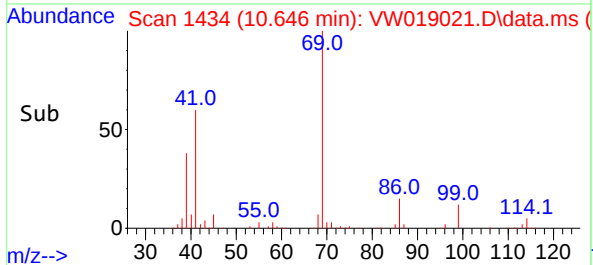
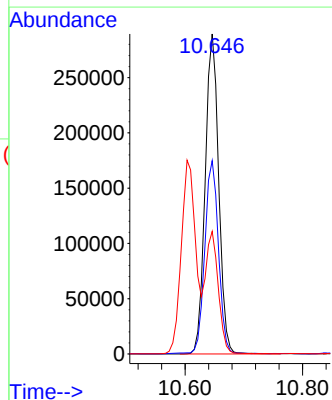
Tgt Ion:	97	Resp:	343272
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.6	106.0
85	54.9	45.8	68.6
99	61.9	51.9	77.9



#56
Ethyl methacrylate
Concen: 117.99 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



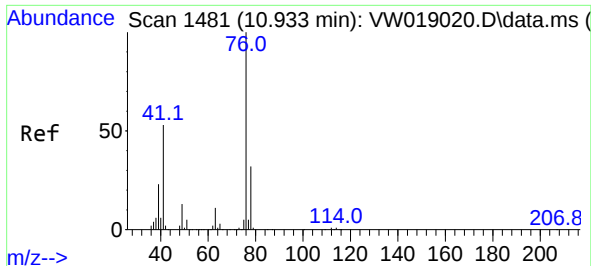
Tgt Ion:	69	Resp:	461345
Ion	Ratio	Lower	Upper
69	100		
41	61.4	48.7	73.1
39	35.5	29.0	43.4



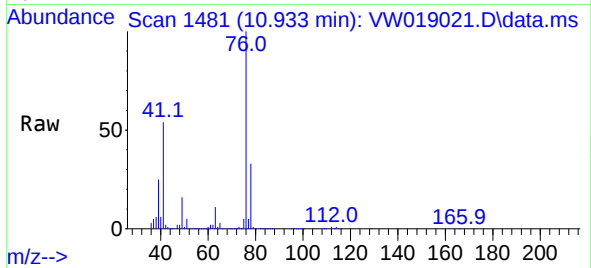
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
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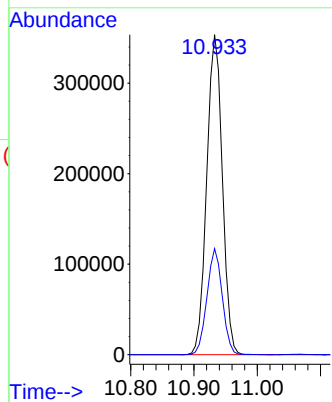
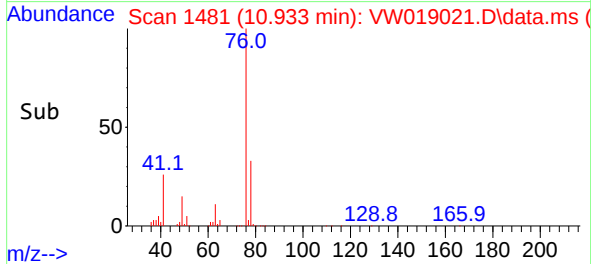
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#57
1,3-Dichloropropane
Concen: 103.48 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



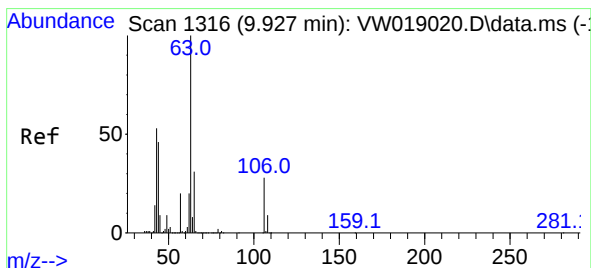
Tgt Ion: 76 Resp: 607258
Ion Ratio Lower Upper
76 100
78 32.4 25.5 38.3



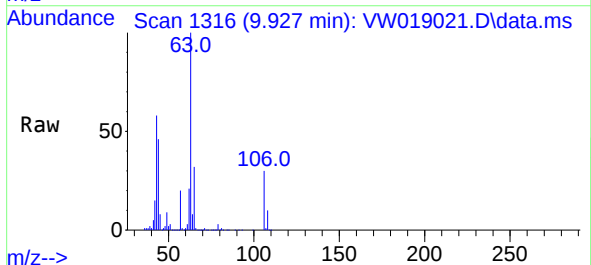
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

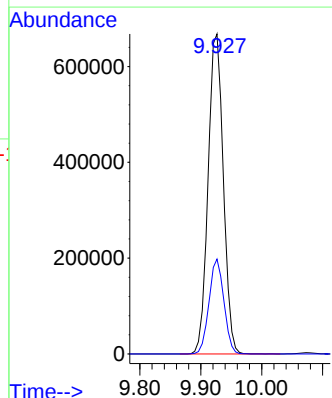
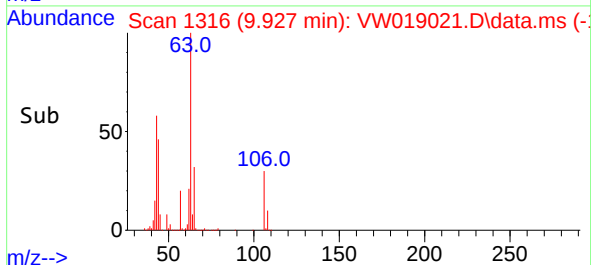
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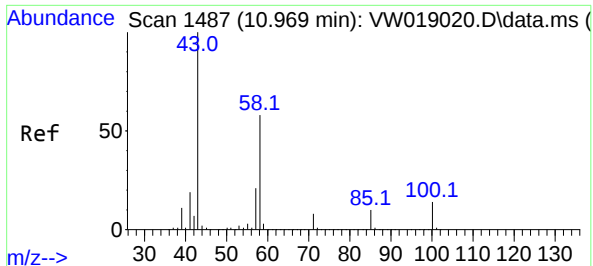


#58
2-Chloroethyl Vinyl ether
Concen: 559.28 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 63 Resp: 1161223
Ion Ratio Lower Upper
63 100
106 28.9 22.3 33.5





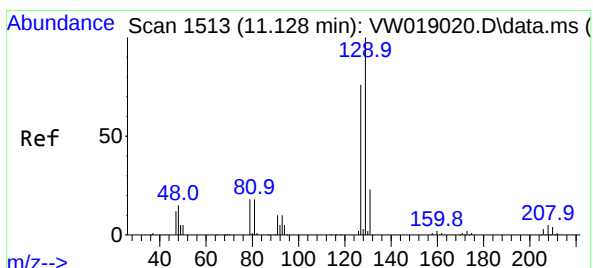
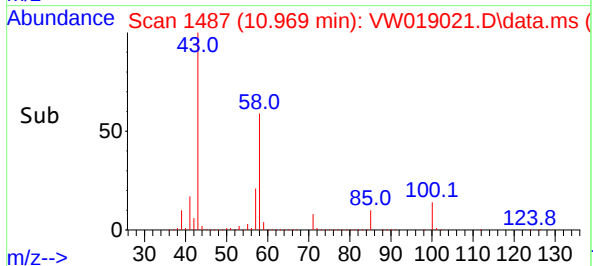
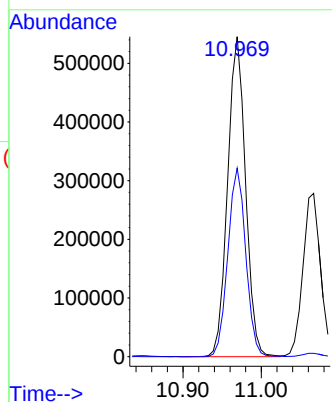
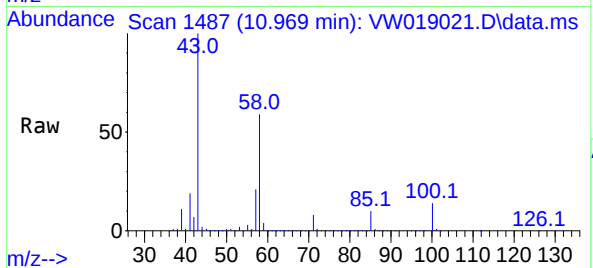
#59
2-Hexanone
Concen: 552.91 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 43 Resp: 866157
Ion Ratio Lower Upper
43 100
58 59.0 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

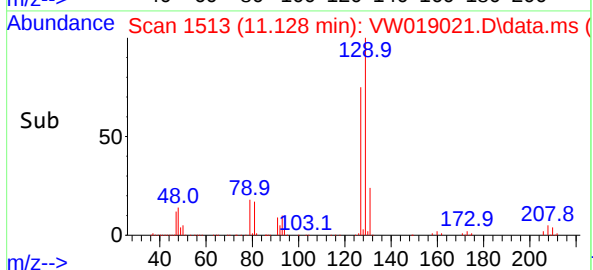
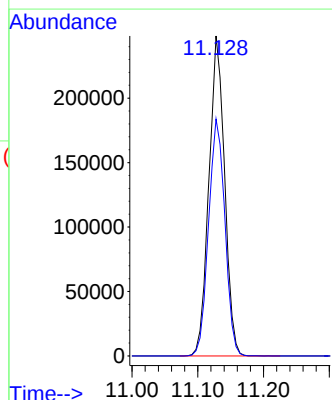
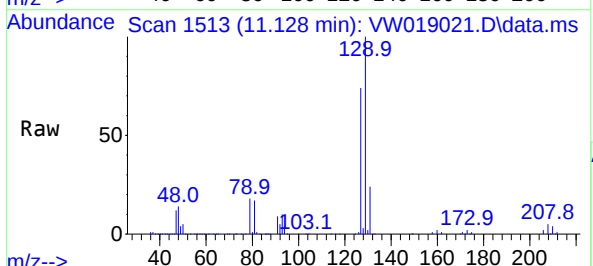
Manual Integrations
APPROVED

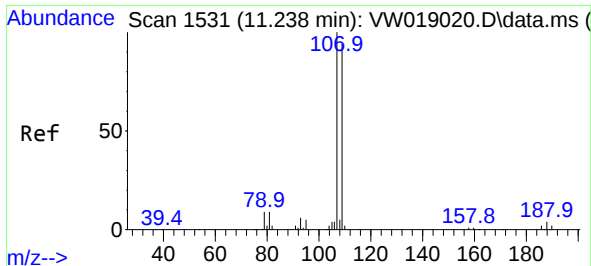
MMDadoda
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#60
Dibromochloromethane
Concen: 116.99 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 129 Resp: 412073
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





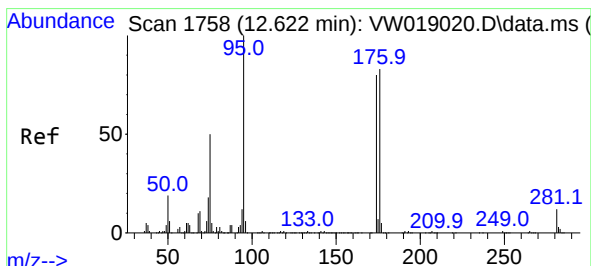
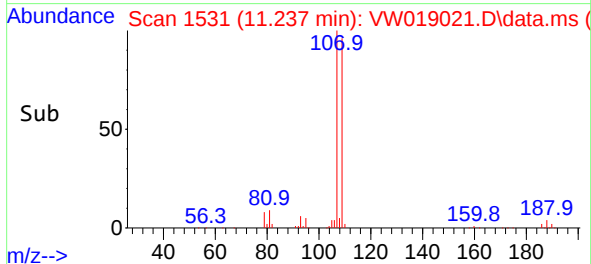
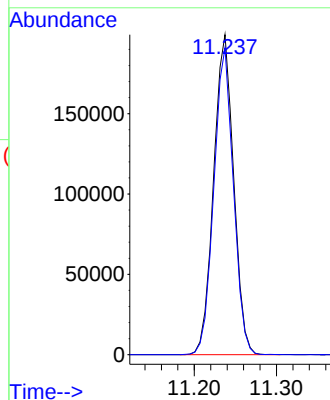
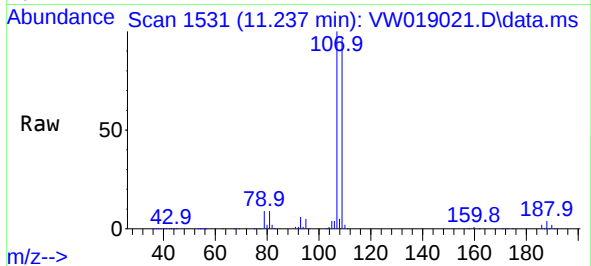
#61
1,2-Dibromoethane
Concen: 108.58 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:107 Resp: 336381
Ion Ratio Lower Upper
107 100
109 93.7 73.9 110.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

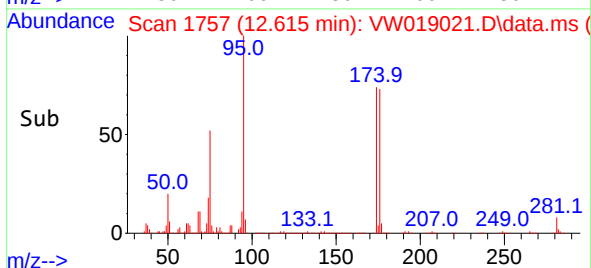
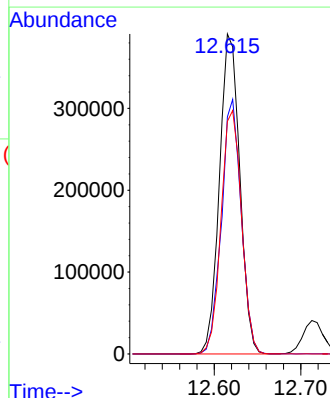
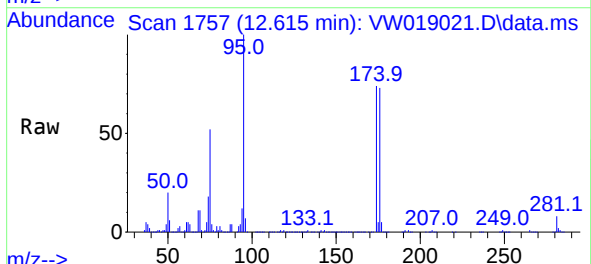
Manual Integrations
APPROVED

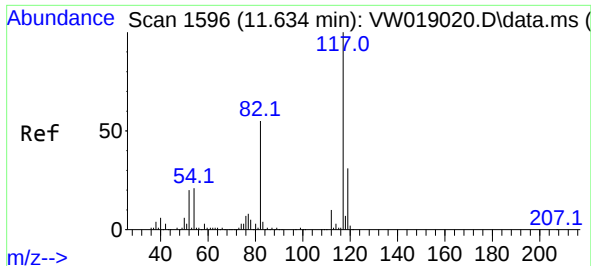
MMDadoda
5/20/2021 5:58:38 PM



#62
4-Bromofluorobenzene
Concen: 138.09 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

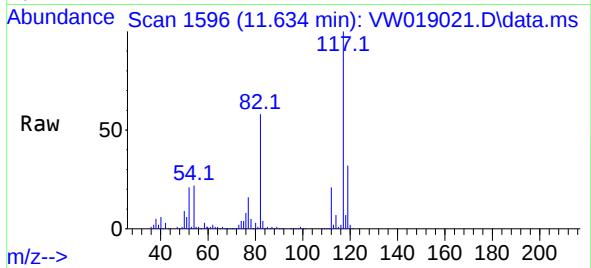
Tgt Ion: 95 Resp: 637637
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.2
176 76.6 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

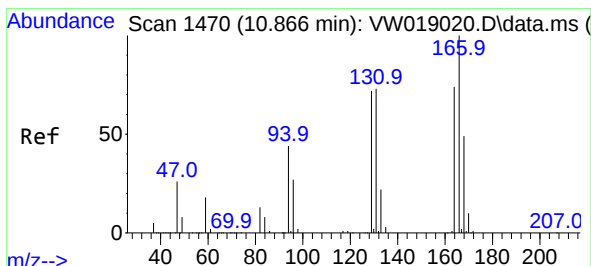
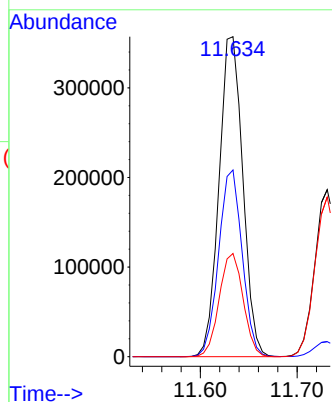
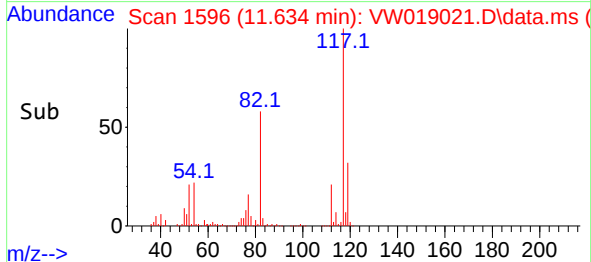
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



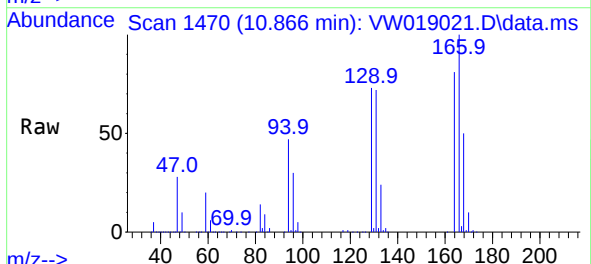
Tgt Ion:117 Resp: 609121
Ion Ratio Lower Upper
117 100
82 58.3 44.4 66.6
119 32.3 24.6 36.8

Manual Integrations
APPROVED

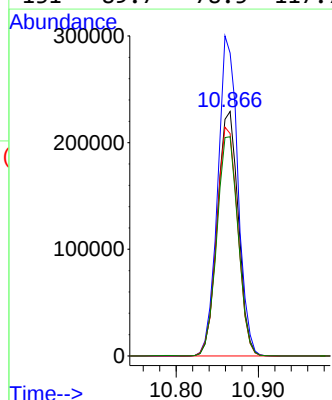
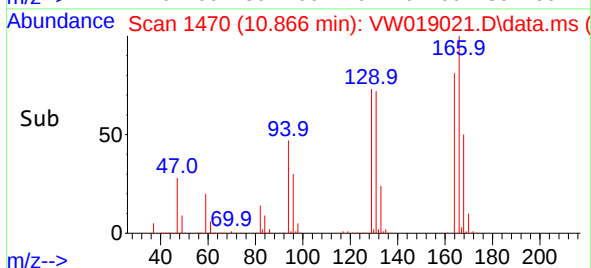
MMDadoda
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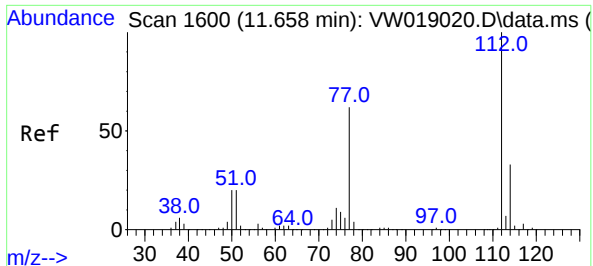


#64
Tetrachloroethene
Concen: 103.51 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion:164 Resp: 407002
Ion Ratio Lower Upper
164 100
166 123.9 107.8 161.8
129 91.0 77.3 115.9
131 89.7 78.5 117.7





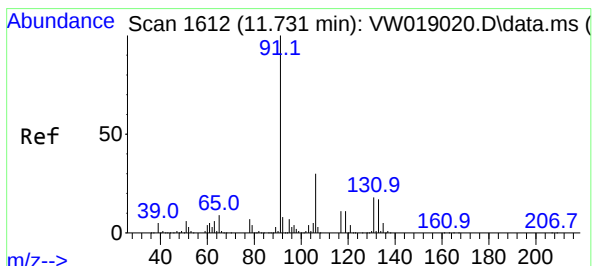
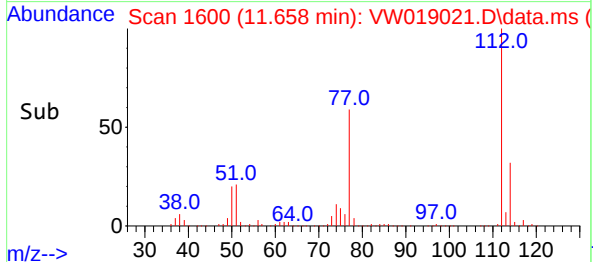
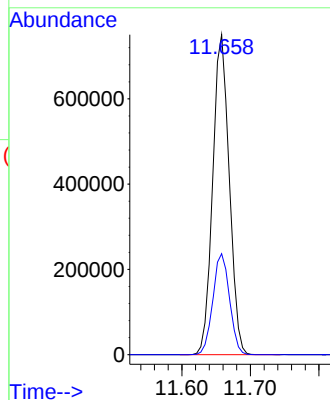
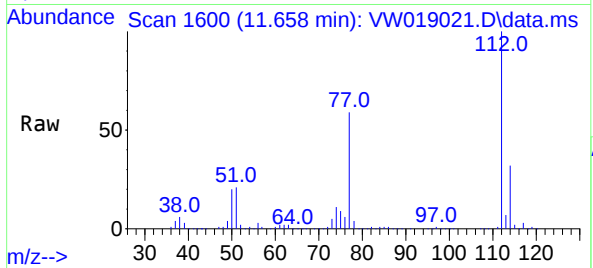
#65
Chlorobenzene
Concen: 101.97 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 1255325
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6

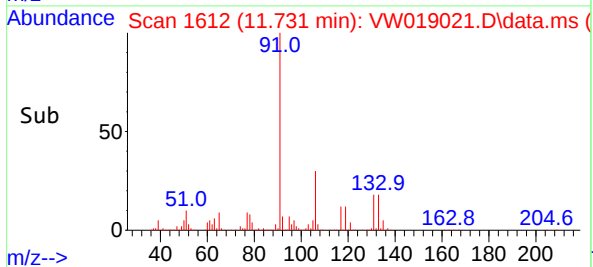
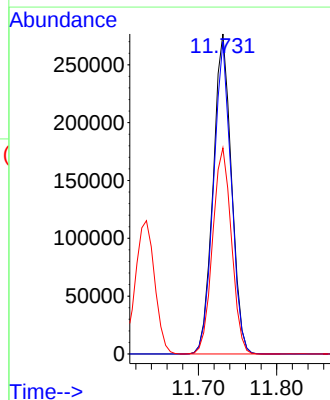
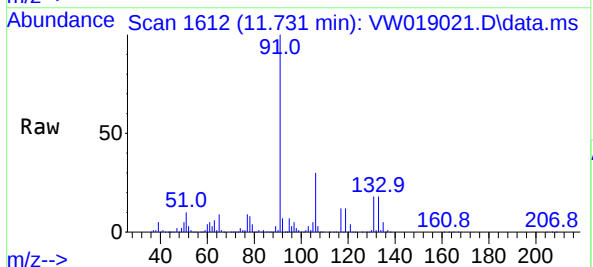
Manual Integrations
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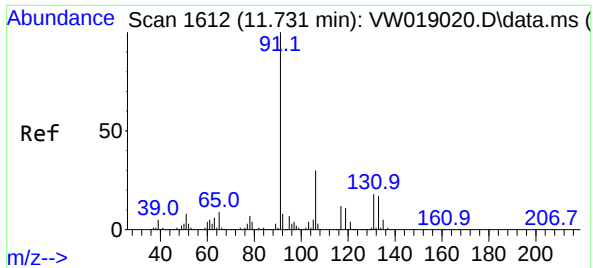
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#66
1,1,1,2-Tetrachloroethane
Concen: 109.45 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

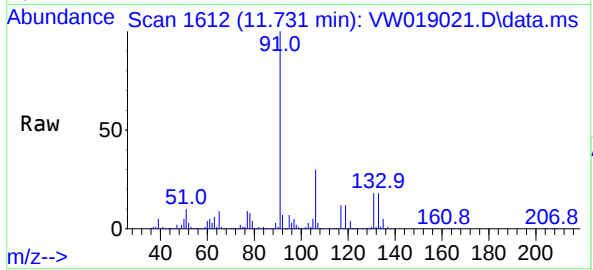
Tgt Ion:131 Resp: 449244
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 66.0 33.1 99.2





#67
Ethyl Benzene
Concen: 103.24 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

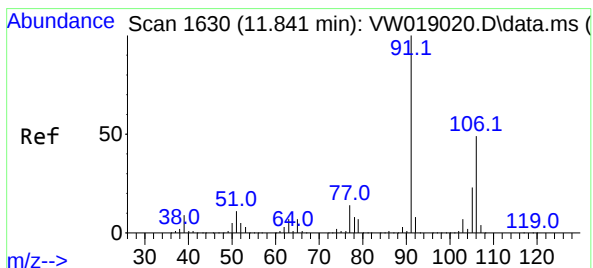
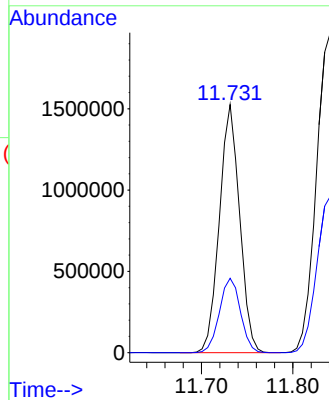
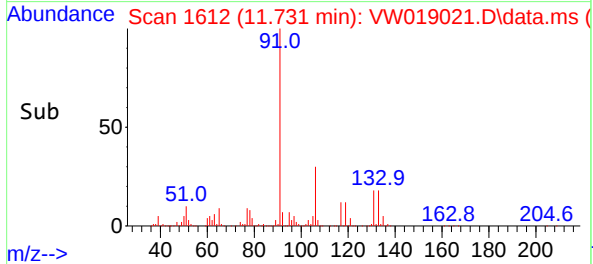
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



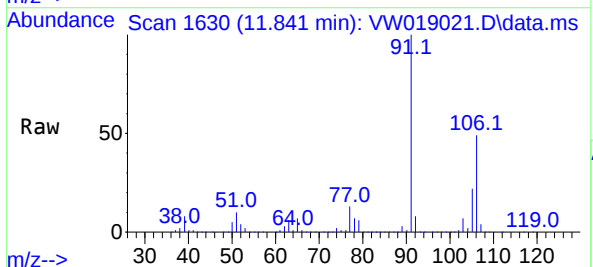
Tgt Ion: 91 Resp: 2350358
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

Manual Integrations
APPROVED

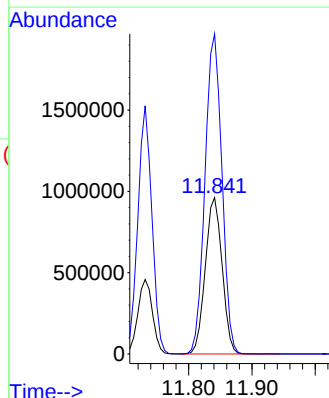
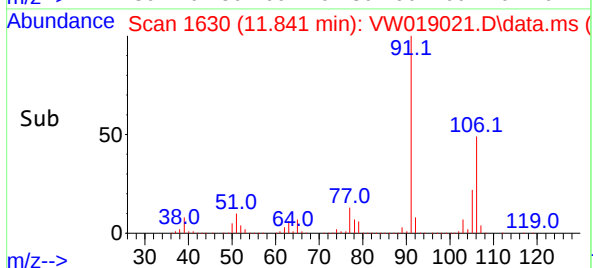
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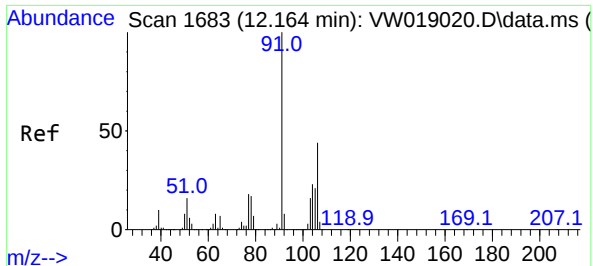


#68
m/p-Xylenes
Concen: 207.63 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion:106 Resp: 1776365
Ion Ratio Lower Upper
106 100
91 205.9 164.2 246.2





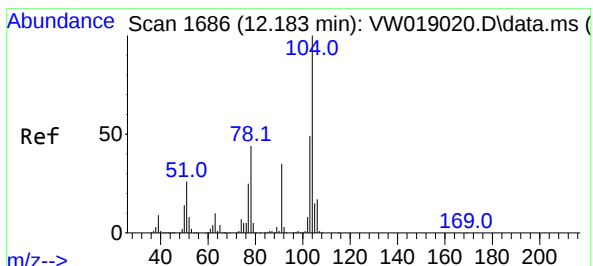
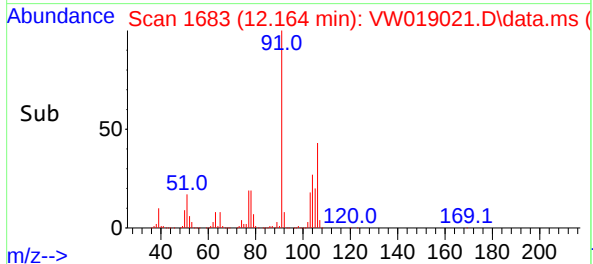
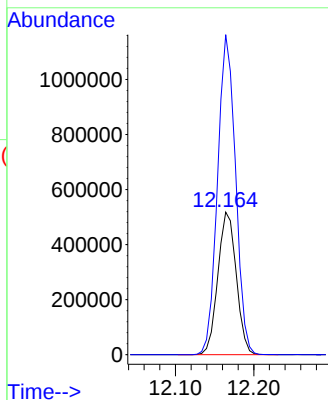
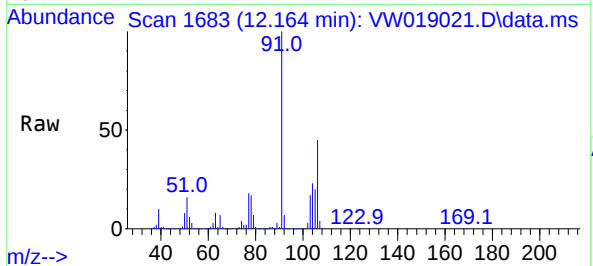
#69
o-Xylene
Concen: 108.38 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 847346
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.2

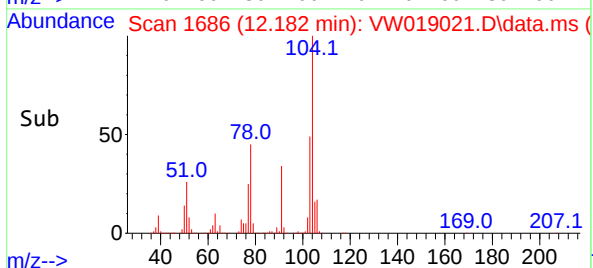
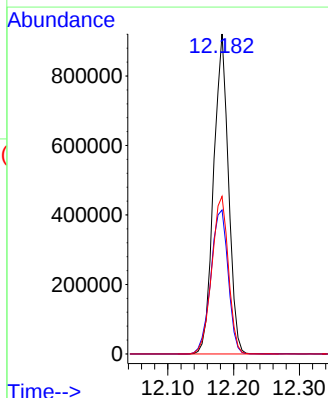
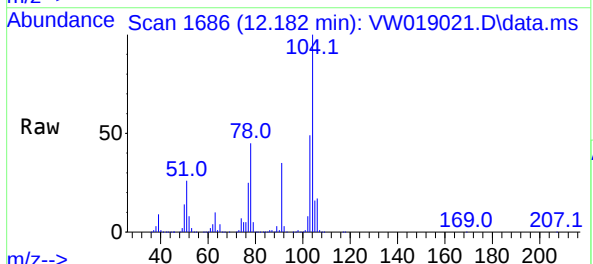
Manual Integrations
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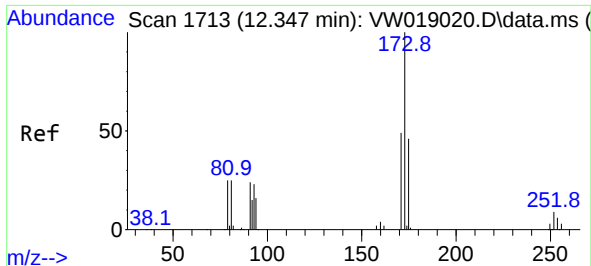
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#70
Styrene
Concen: 109.11 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:104 Resp: 1442990
Ion Ratio Lower Upper
104 100
78 52.6 41.3 61.9
103 55.3 44.1 66.1





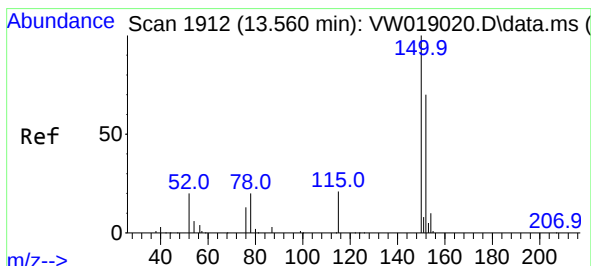
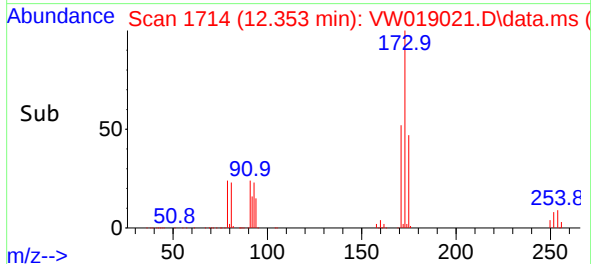
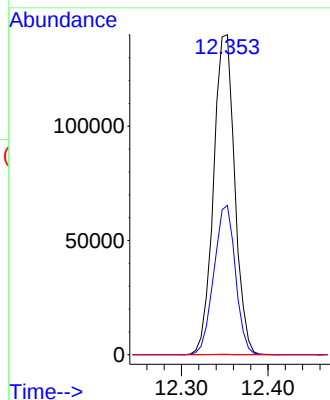
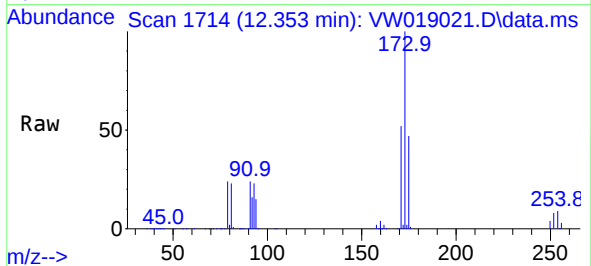
#71
Bromoform
Concen: 120.29 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:173 Resp: 238234
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.1 0.1 0.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

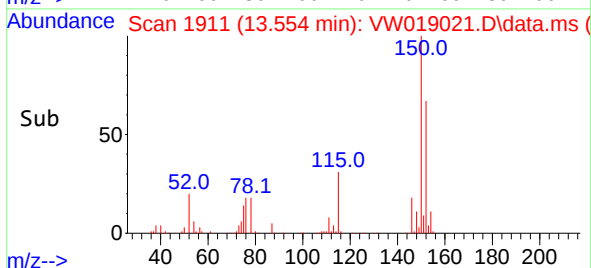
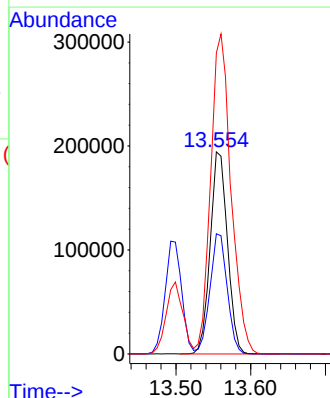
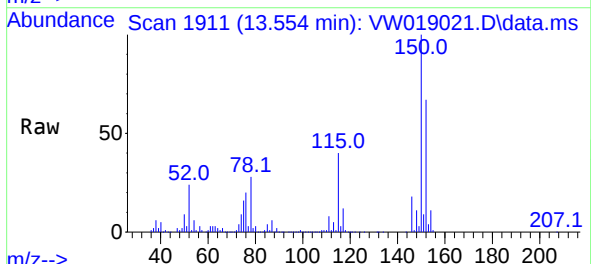
Manual Integrations
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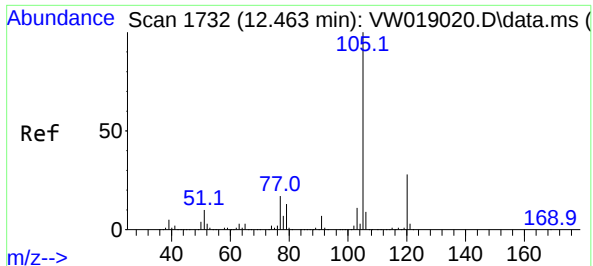
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

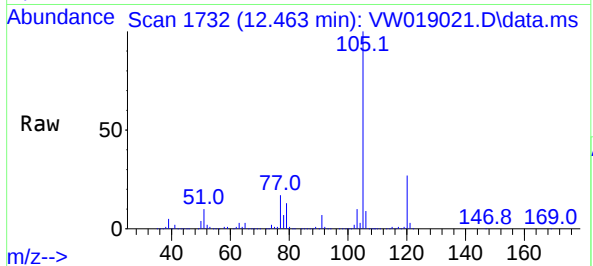
Tgt Ion:152 Resp: 312034
Ion Ratio Lower Upper
152 100
115 59.4 30.3 90.8
150 186.9 0.0 356.0





#73
Isopropylbenzene
Concen: 104.39 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

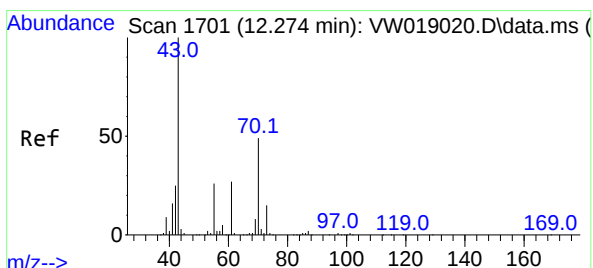
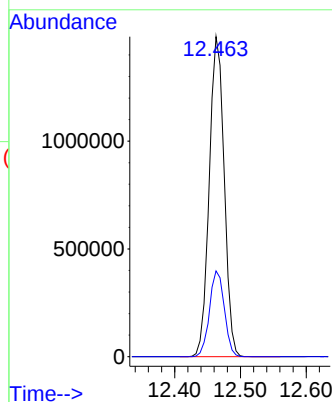
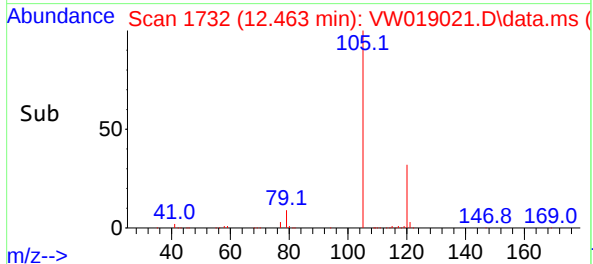
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



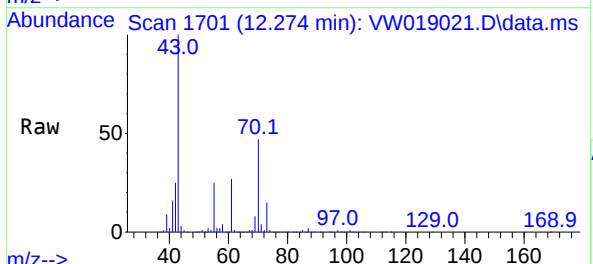
Tgt Ion:105 Resp: 2347092
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

Manual Integrations
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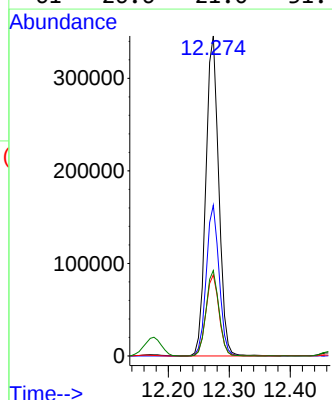
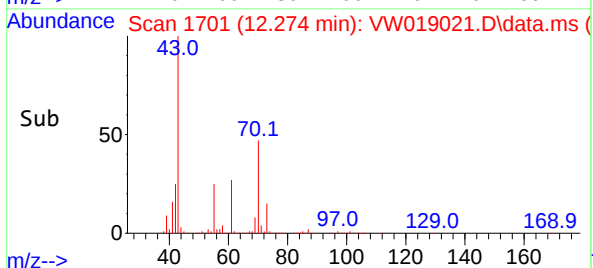
MMDadoda
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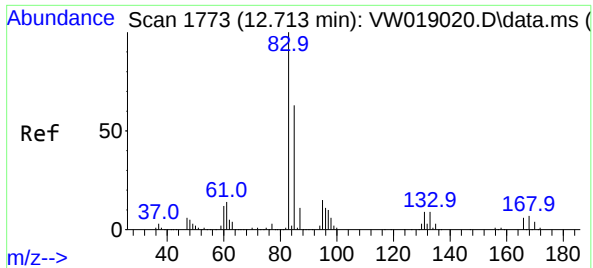


#74
N-ethyl acetate
Concen: 113.66 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion: 43 Resp: 509082
Ion Ratio Lower Upper
43 100
70 46.9 38.4 57.6
55 25.8 21.6 32.4
61 26.6 21.0 31.4





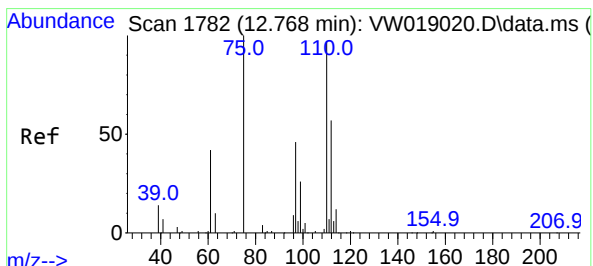
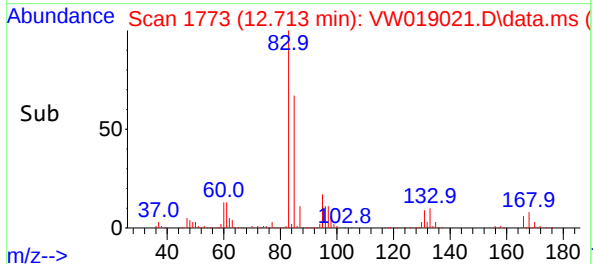
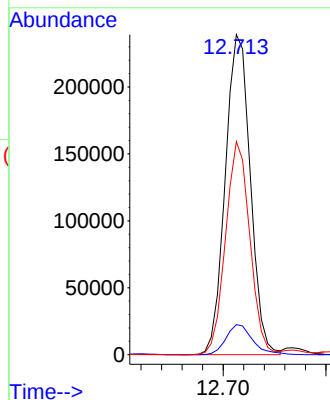
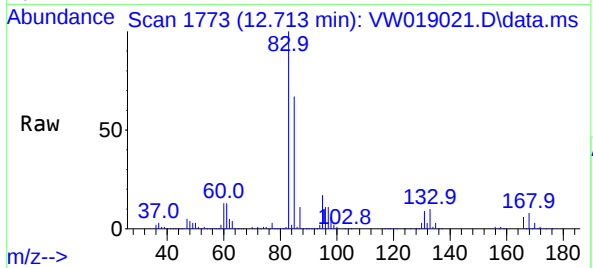
#75
1,1,2,2-Tetrachloroethane
Concen: 98.95 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 83 Resp: 404993
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.6 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

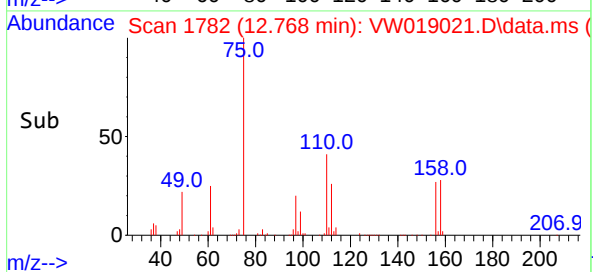
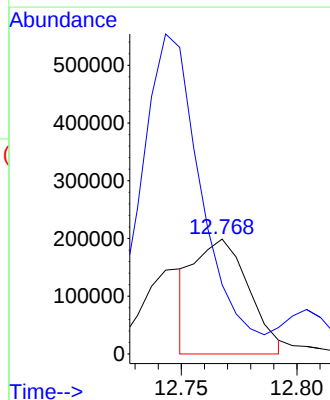
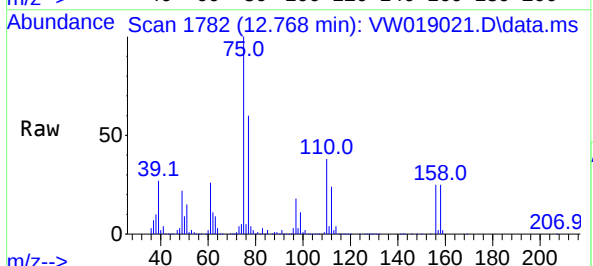
Manual Integrations
APPROVED

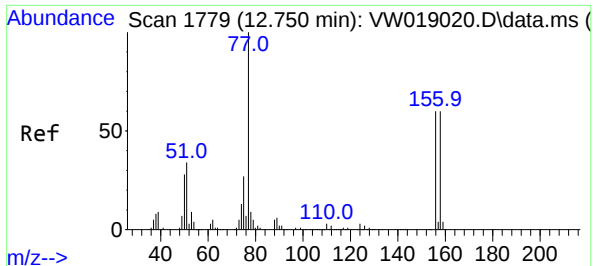
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5/20/2021 5:58:38 PM



#76
1,2,3-Trichloropropane
Concen: 113.18 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 75 Resp: 324673
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





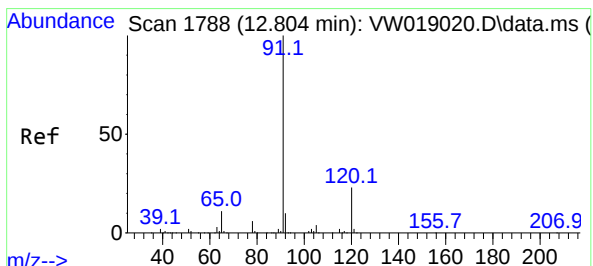
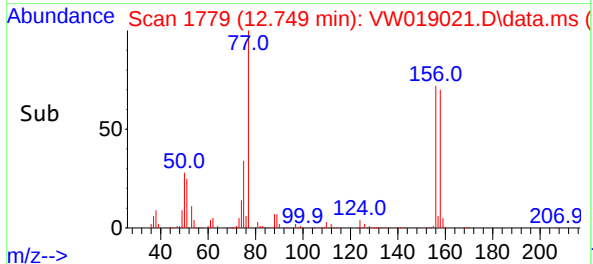
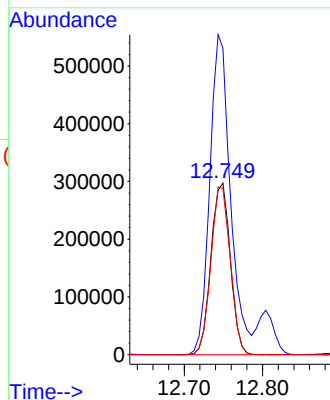
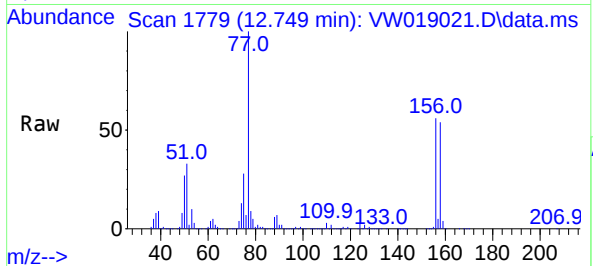
#77
Bromobenzene
Concen: 102.66 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:156 Resp: 509940
Ion Ratio Lower Upper
156 100
77 198.3 96.7 290.0
158 98.2 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

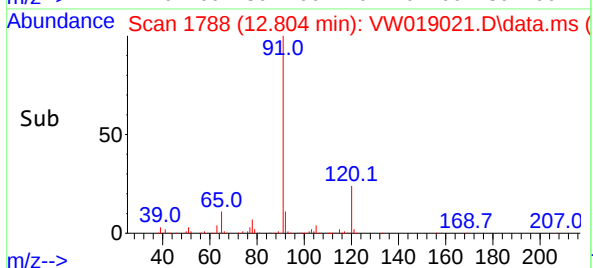
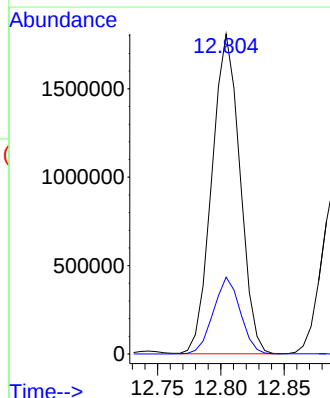
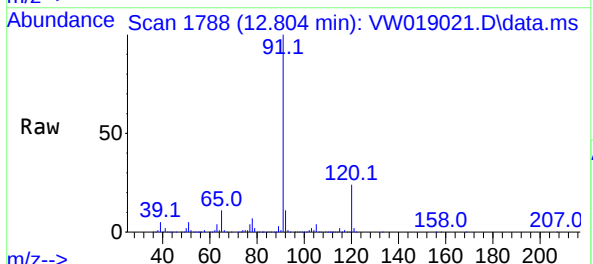
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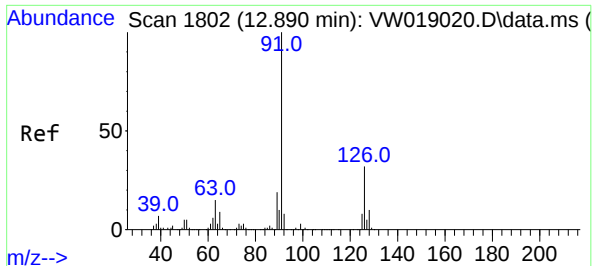
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#78
n-propylbenzene
Concen: 99.48 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 91 Resp: 2790504
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3





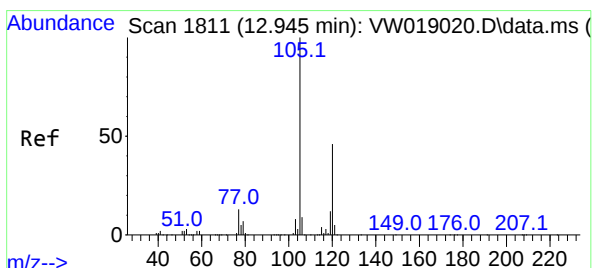
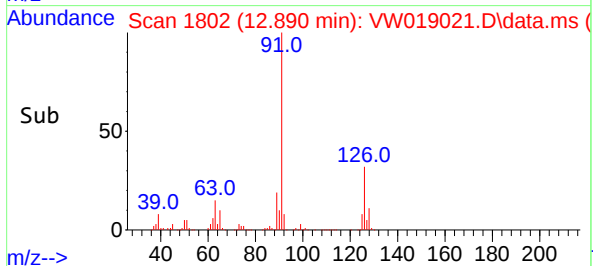
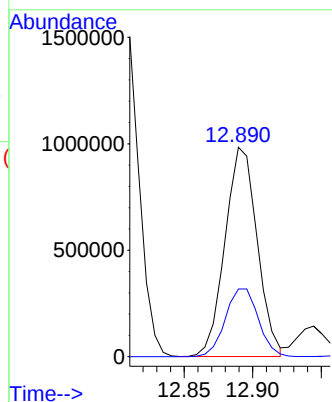
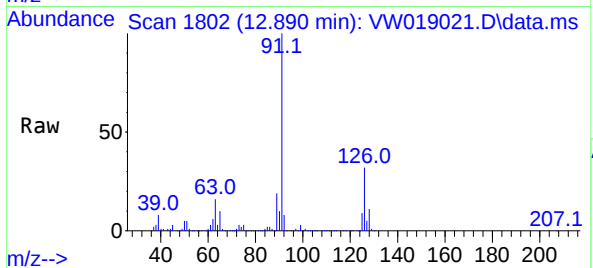
#79
2-Chlorotoluene
Concen: 101.57 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1608710
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

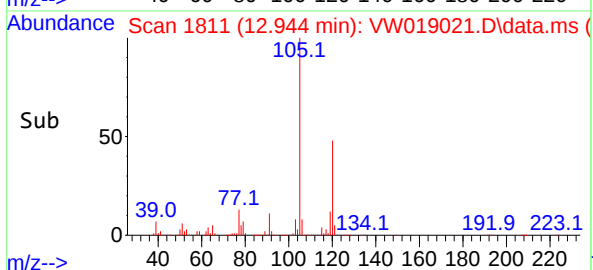
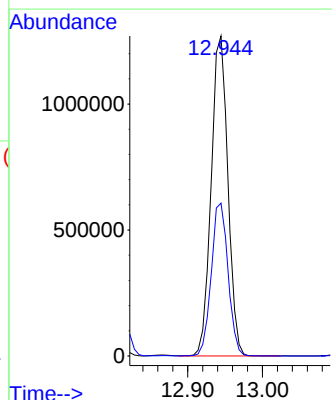
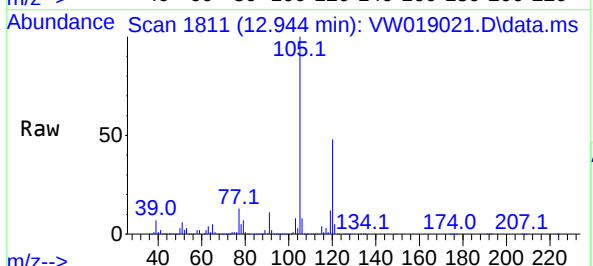
Manual Integrations
APPROVED

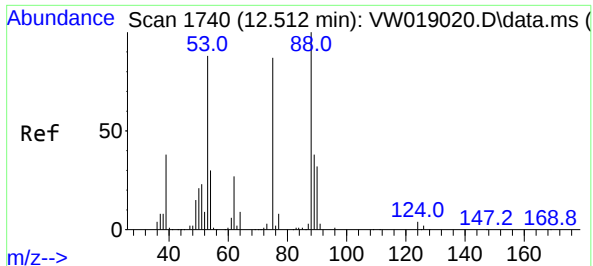
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#80
1,3,5-Trimethylbenzene
Concen: 102.11 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

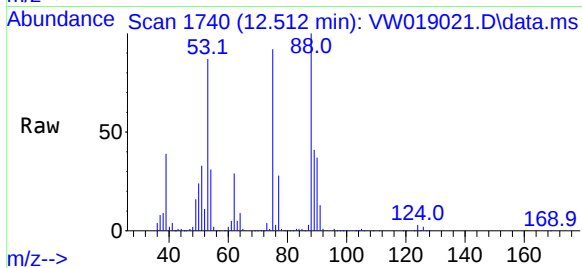
Tgt Ion: 105 Resp: 1971981
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 121.37 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

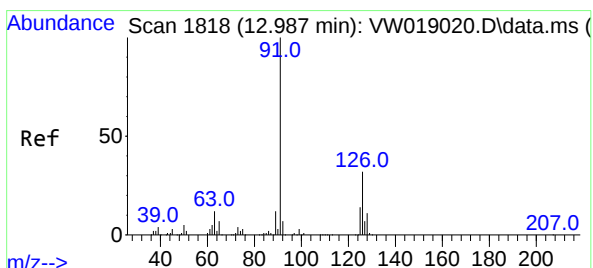
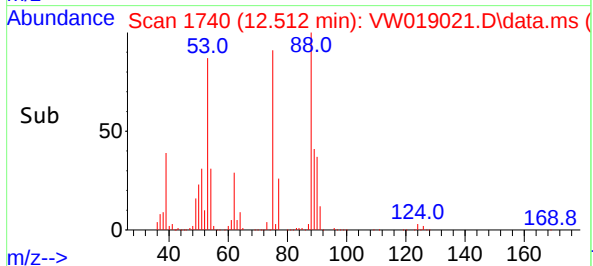
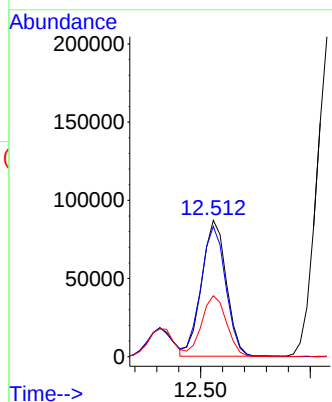
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



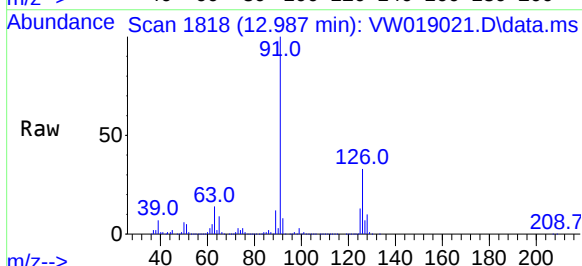
Tgt Ion: 75 Resp: 135740
Ion Ratio Lower Upper
75 100
53 97.0 81.5 122.3
89 44.9 36.3 54.5

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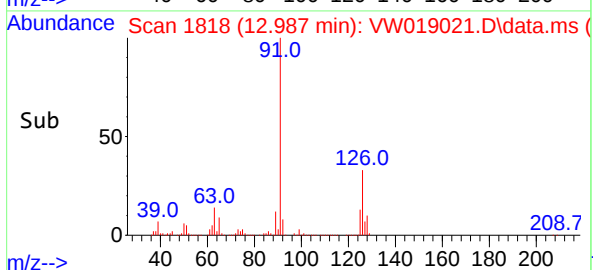
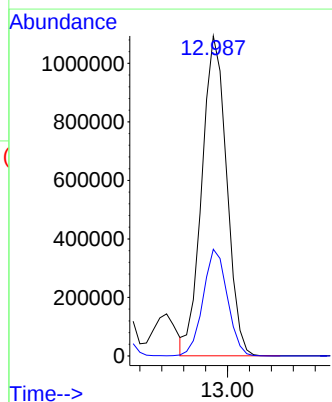
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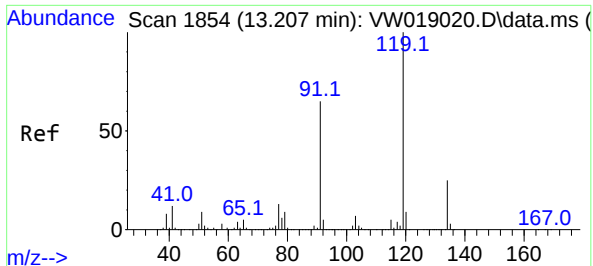


#82
4-Chlorotoluene
Concen: 101.87 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

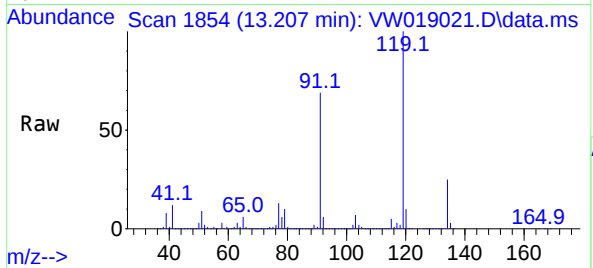


Tgt Ion: 91 Resp: 1715917
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

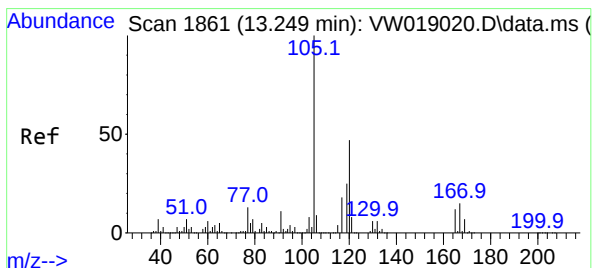
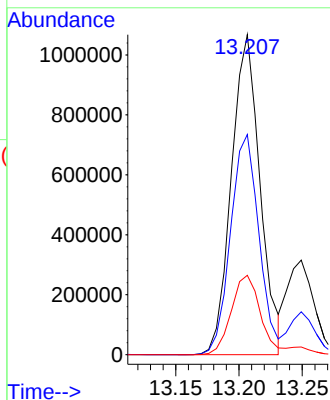
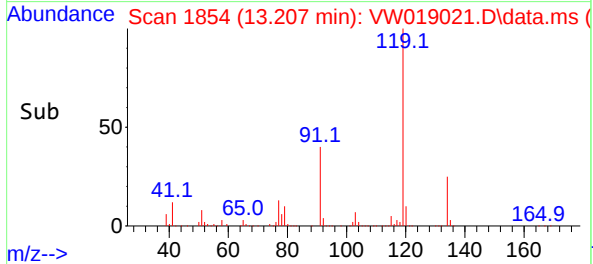




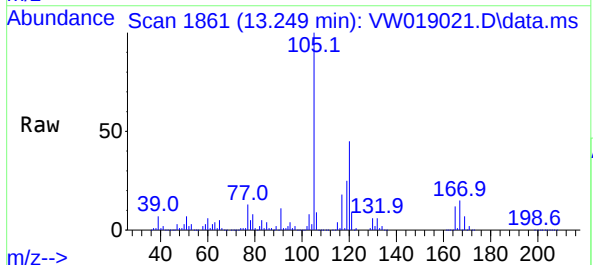
#83
tert-Butylbenzene
Concen: 104.47 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



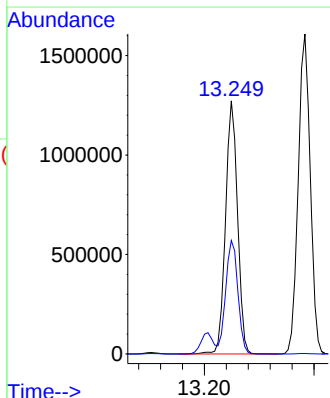
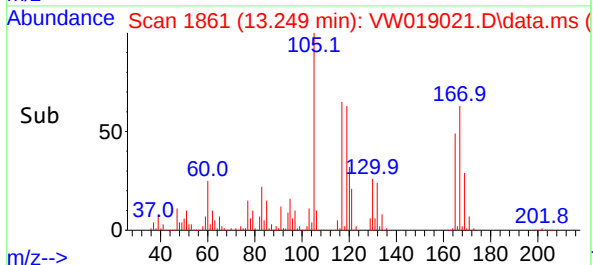
Tgt Ion:119 Resp: 1685239
Ion Ratio Lower Upper
119 100
91 68.1 34.0 102.0
134 25.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 101.28 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



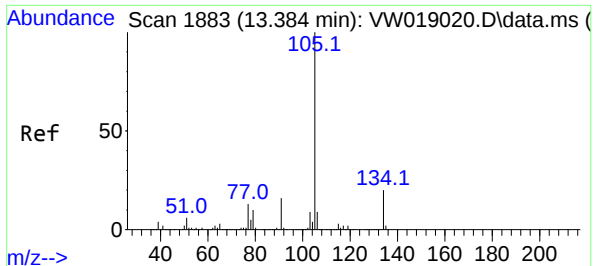
Tgt Ion:105 Resp: 1944352
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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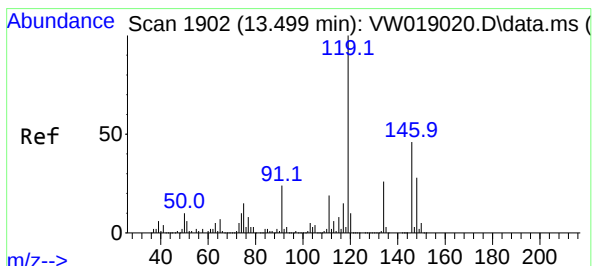
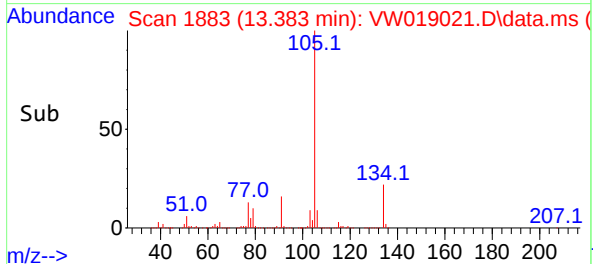
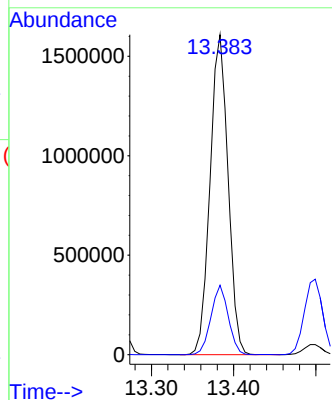
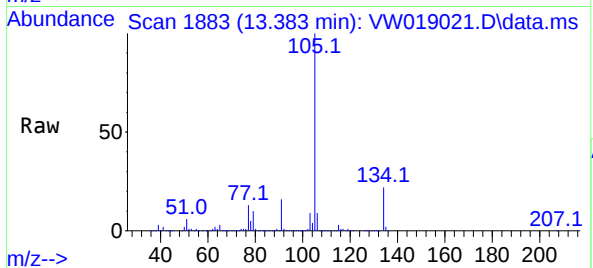
#85
sec-Butylbenzene
Concen: 100.58 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 2439884
Ion Ratio Lower Upper
105 100
134 20.9 10.1 30.1

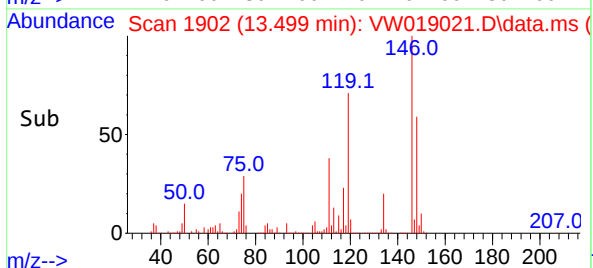
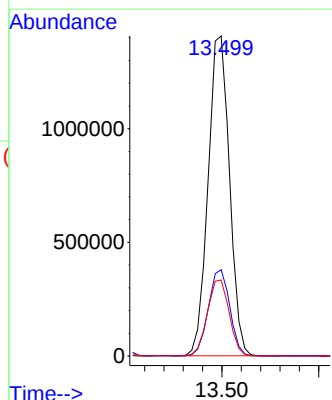
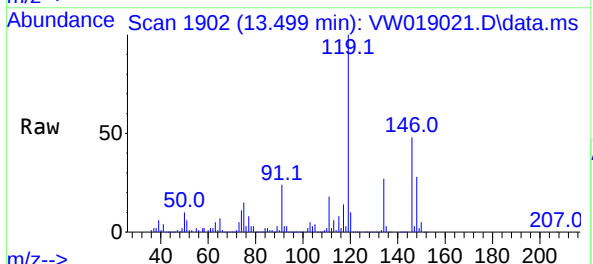
Manual Integrations
APPROVED

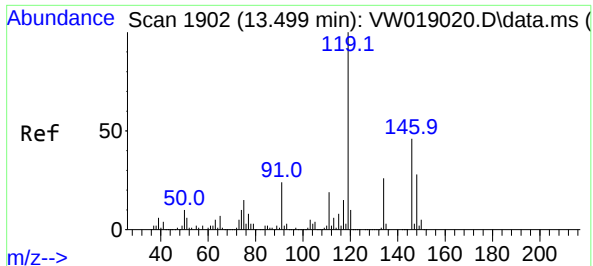
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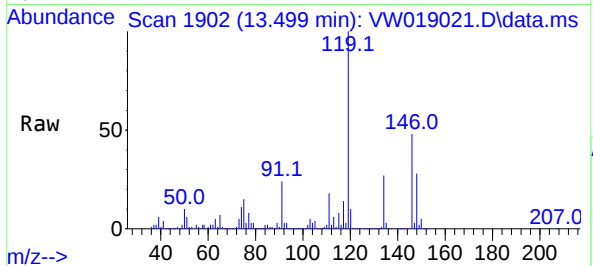
#86
p-Isopropyltoluene
Concen: 103.68 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:119 Resp: 2164604
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 24.2 12.1 36.3

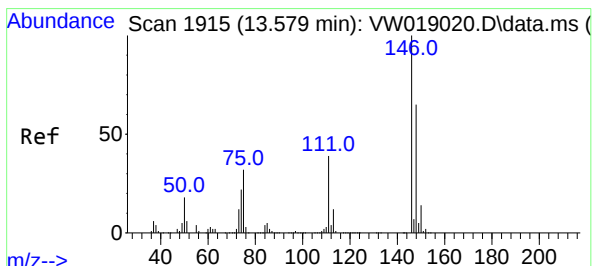
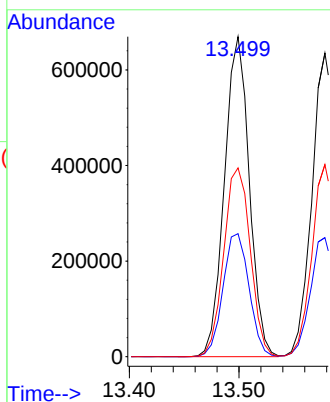
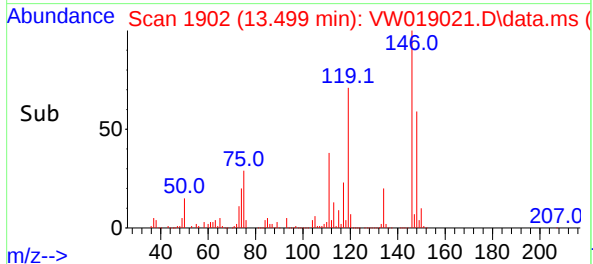




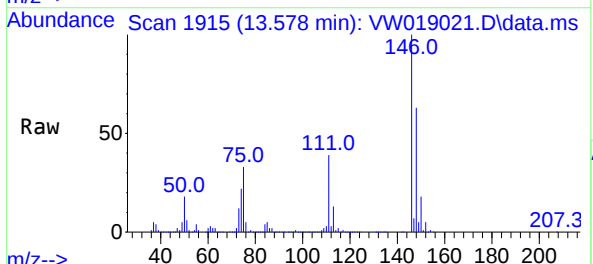
#87
1,3-Dichlorobenzene
Concen: 102.65 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



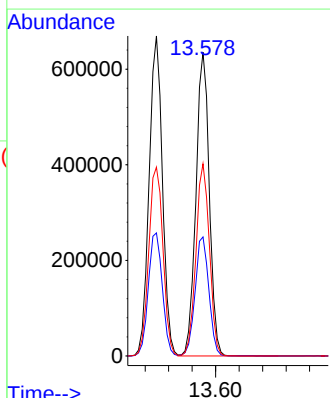
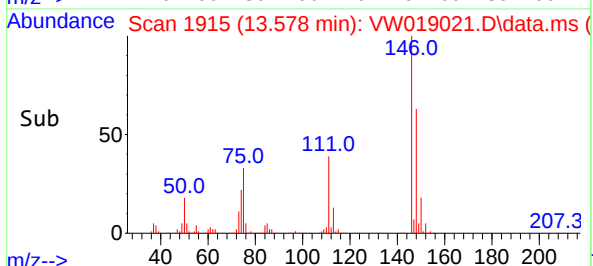
Tgt Ion:146 Resp: 1055122
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 62.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 98.61 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



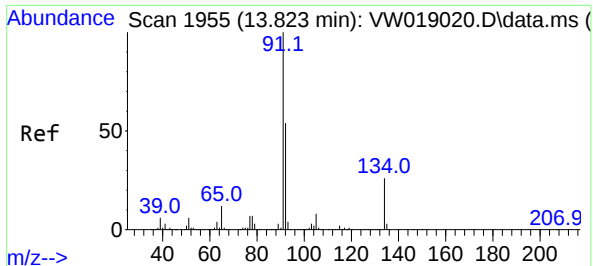
Tgt Ion:146 Resp: 1000859
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 63.9 32.4 97.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

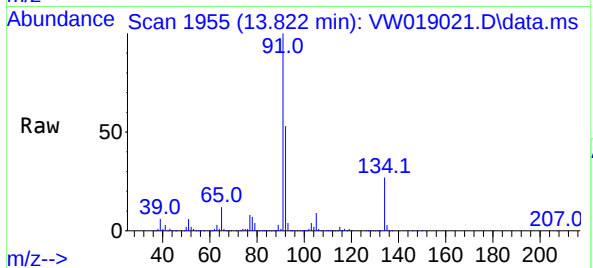
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#89
n-Butylbenzene
Concen: 100.49 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

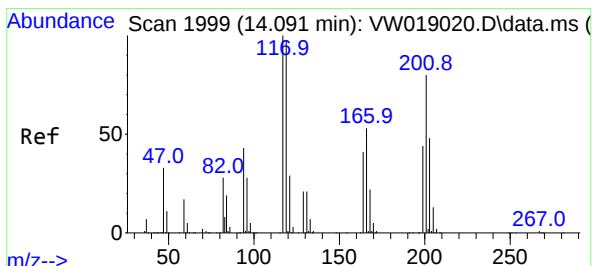
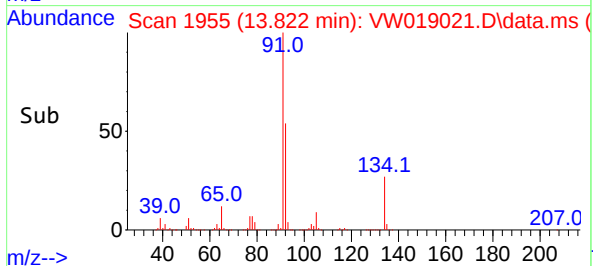
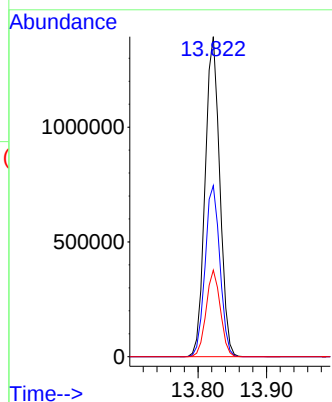
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2075807
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.8
134 26.3 12.7 38.0

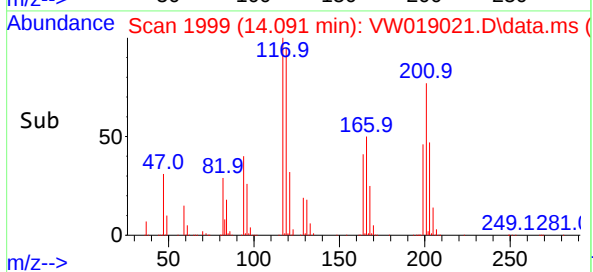
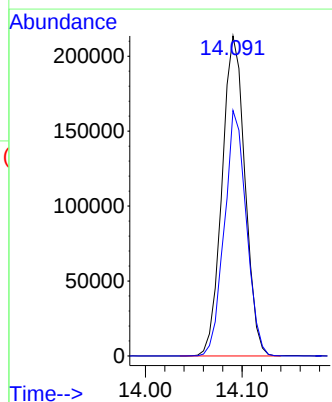
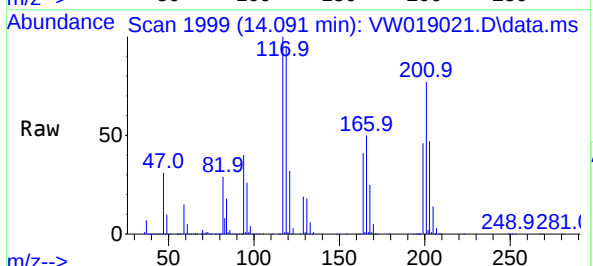
Manual Integrations
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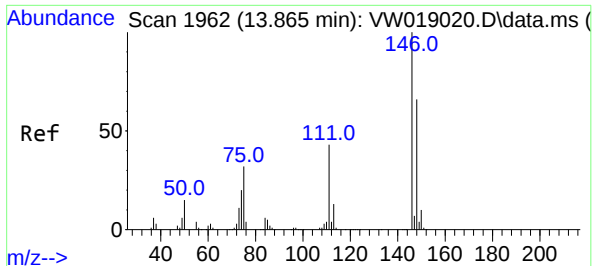
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#90
Hexachloroethane
Concen: 110.17 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 117 Resp: 351185
Ion Ratio Lower Upper
117 100
201 73.6 38.4 115.2





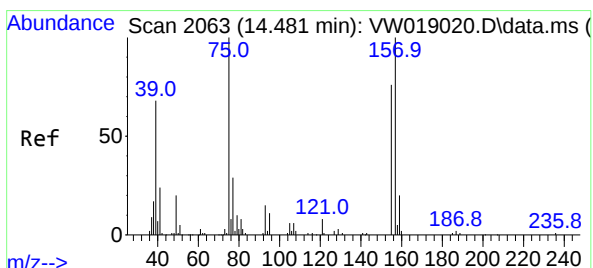
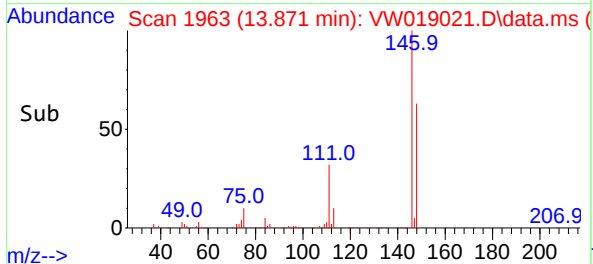
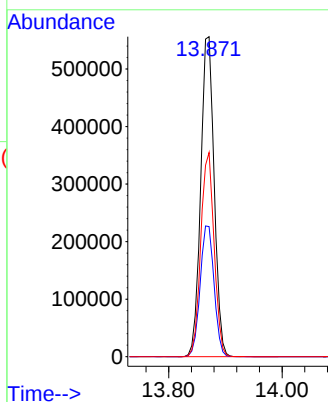
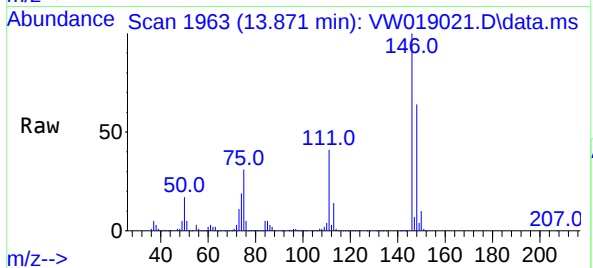
#91
1,2-Dichlorobenzene
Concen: 100.45 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:146 Resp: 917429
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.1
148 63.2 32.6 97.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

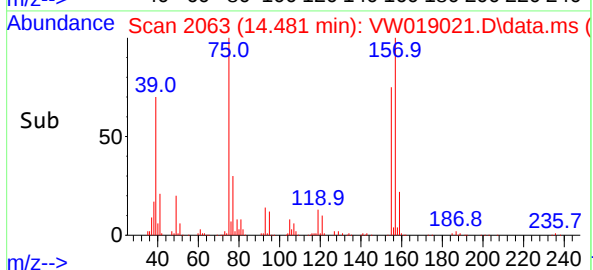
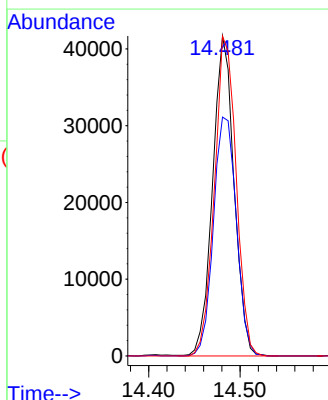
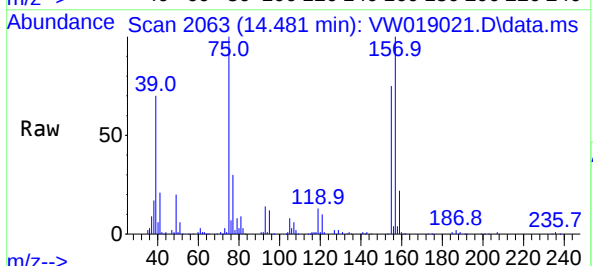
Manual Integrations
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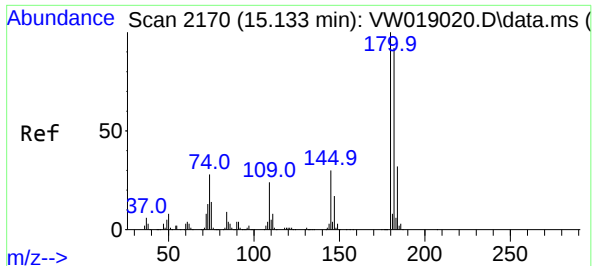
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#92
1,2-Dibromo-3-Chloropropane
Concen: 106.32 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion: 75 Resp: 67805
Ion Ratio Lower Upper
75 100
155 79.8 41.3 124.1
157 101.2 51.2 153.6





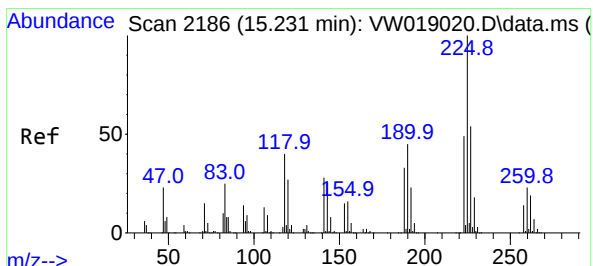
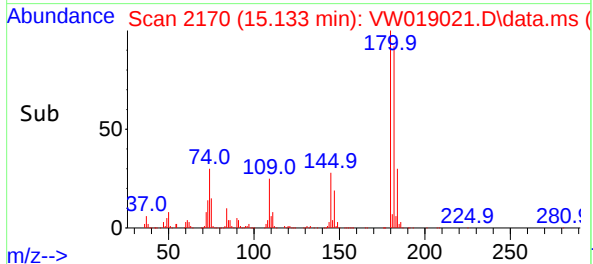
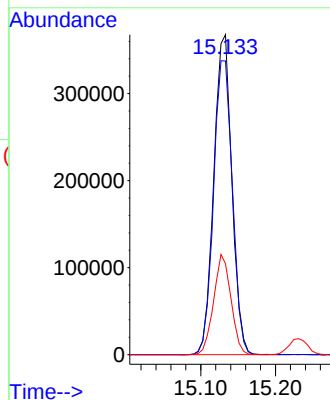
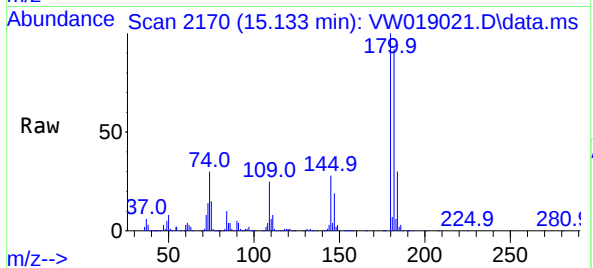
#93
1,2,4-Trichlorobenzene
Concen: 102.35 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:	180	Resp:	619173
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.9	146.7
145	30.1	15.4	46.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

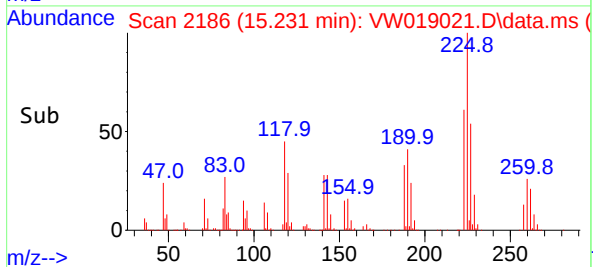
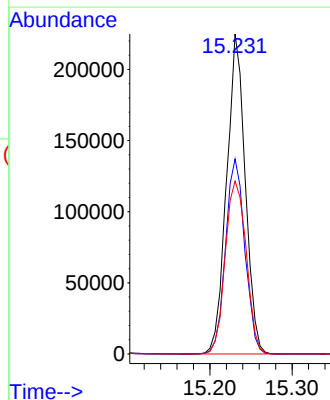
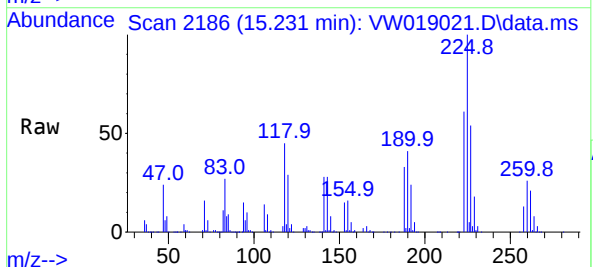
Manual Integrations
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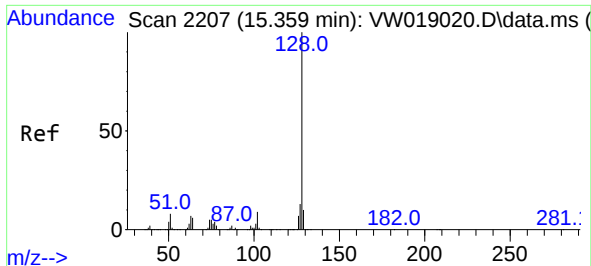
MMDadoda
5/20/2021 5:58:38 PM



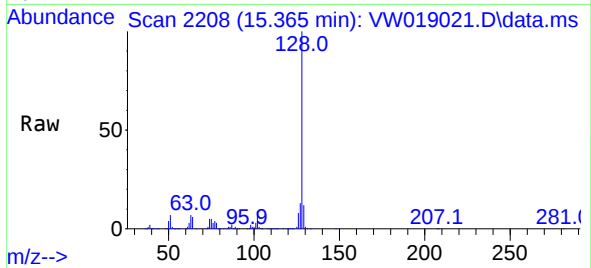
#94
Hexachlorobutadiene
Concen: 99.90 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30

Tgt Ion:	225	Resp:	354635
Ion Ratio	Lower	Upper	
225	100		
223	63.0	29.6	88.8
227	60.6	30.4	91.3

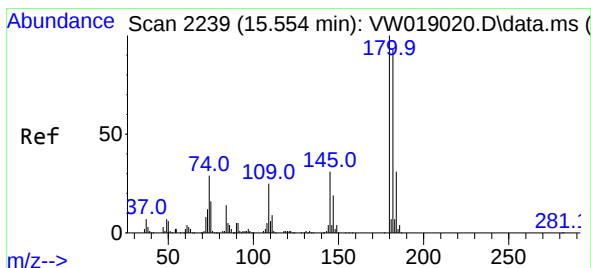
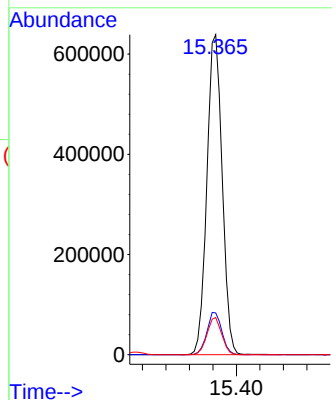
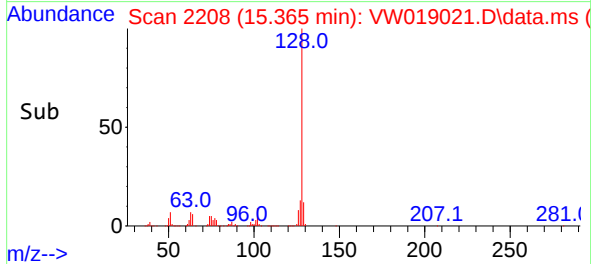




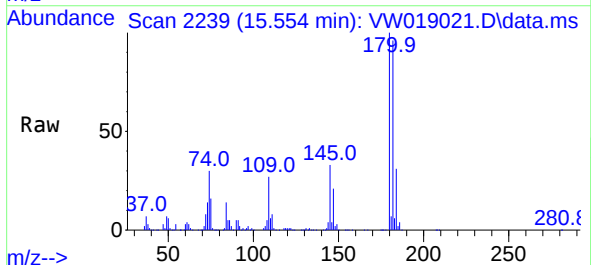
#95
Naphthalene
Concen: 106.18 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



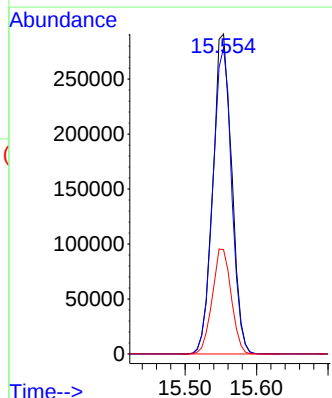
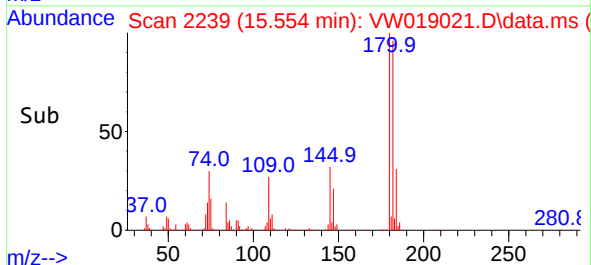
Tgt Ion:128 Resp: 1151796
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 101.83 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019021.D
Acq: 18 May 2021 15:30



Tgt Ion:180 Resp: 533833
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 32.9 16.1 48.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:58:38 PM