

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020320.D
 Acq On : 06 Oct 2021 16:36
 Operator : SY/VA
 Sample : M4001-05MSD
 Misc : 7.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW918MSD

Manual Integrations
 APPROVED

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 10/11/2021 2:06:25 PM

Quant Time: Oct 07 01:53:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	208311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	119652	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29391	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	115705	40.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.200%#	
7) Chloroethane-d5	2.879	69	50837	40.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 163.480%#	
11) 1,1-Dichloroethene-d2	4.019	63	185608	31.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 125.560%#	
21) 2-Butanone-d5	7.086	46	66619	91.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 182.680%#	
24) Chloroform-d	7.653	84	188297	31.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 125.920%	
26) 1,2-Dichloroethane-d4	8.311	65	117563	35.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 143.640%#	
32) Benzene-d6	8.275	84	339251	46.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 187.320%#	
36) 1,2-Dichloropropane-d6	9.281	67	99769	43.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 173.680%#	
41) Toluene-d8	10.323	98	201245	30.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 122.680%	
43) trans-1,3-Dichloroprop...	10.579	79	33507	35.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 143.360%#	
47) 2-Hexanone-d5	10.927	63	32445	102.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 204.320%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	50617	31.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.240%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	24845	24.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	43679	38.277	ug/L	98
3) Chloromethane	2.209	50	85188	30.528	ug/L	97
5) Vinyl chloride	2.355	62	140075	36.904	ug/L	98
6) Bromomethane	2.776	94	33284	22.657	ug/L	95
8) Chloroethane	2.916	64	34242	30.176	ug/L	97
9) Trichlorofluoromethane	3.251	101	39387	20.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85446	27.872	ug/L	98
12) 1,1-Dichloroethene	4.038	96	96422	33.265	ug/L	94
13) Acetone	4.135	43	51288	68.405	ug/L	97
14) Carbon disulfide	4.385	76	221679	23.263	ug/L	99
15) Methyl Acetate	4.678	43	51017	37.231	ug/L	100
16) Methylene chloride	4.915	84	102003	27.421	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	136938	45.128	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	153474	39.117	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180175	29.855	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	2389785	770.122	ug/L	98
22) 2-Butanone	7.177	43	68357	74.155	ug/L #	33
23) Bromochloromethane	7.519	128	42327	32.207	ug/L	98
25) Chloroform	7.677	83	177273	30.714	ug/L	98

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	121177	31.430	ug/L	97
29) Cyclohexane	7.958	56	115305	32.413	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	100432	34.993	ug/L	98
31) Carbon tetrachloride	8.073	117	53260	21.258	ug/L	99
33) Benzene	8.329	78	329834	39.639	ug/L	100
34) Trichloroethene	9.098	95	23132143m	11300.770	ug/L	
35) Methylcyclohexane	9.341	83	79689	22.318	ug/L	98
37) 1,2-Dichloropropane	9.372	63	77702	37.483	ug/L	100
38) Bromodichloromethane	9.646	83	85389	33.806	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	94275	32.154	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	119415	105.453	ug/L	99
42) Toluene	10.390	91	226241	27.034	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	78974	31.101	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52426	39.976	ug/L	98
46) Tetrachloroethene	10.866	164	27817	18.464	ug/L	93
48) 2-Hexanone	10.969	43	68577	83.013	ug/L	97
49) Dibromochloromethane	11.128	129	45313	30.790	ug/L	98
50) 1,2-Dibromoethane	11.237	107	45149	37.439	ug/L	98
51) Chlorobenzene	11.658	112	109255	21.524	ug/L	96
52) Ethylbenzene	11.731	91	156744	17.156	ug/L	98
53) m,p-Xylene	11.841	106	56077	16.615	ug/L	98
54) o-Xylene	12.164	106	57356	18.147	ug/L	96
55) Styrene	12.182	104	93878	17.258	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	42450	27.226	ug/L	99
59) Bromoform	12.353	173	21000	53.477	ug/L	99
60) Isopropylbenzene	12.463	105	110304	25.280	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	36608	62.839	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	77286	21.892	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	75766	21.475	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	40321	21.969	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	38056	20.541	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	37185	22.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5355	43.309	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	14051	10.777	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	8659	8.515	ug/L	96
71) Naphthalene	15.365	128	31300	17.670	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	7627	8.587	ug/L #	91

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

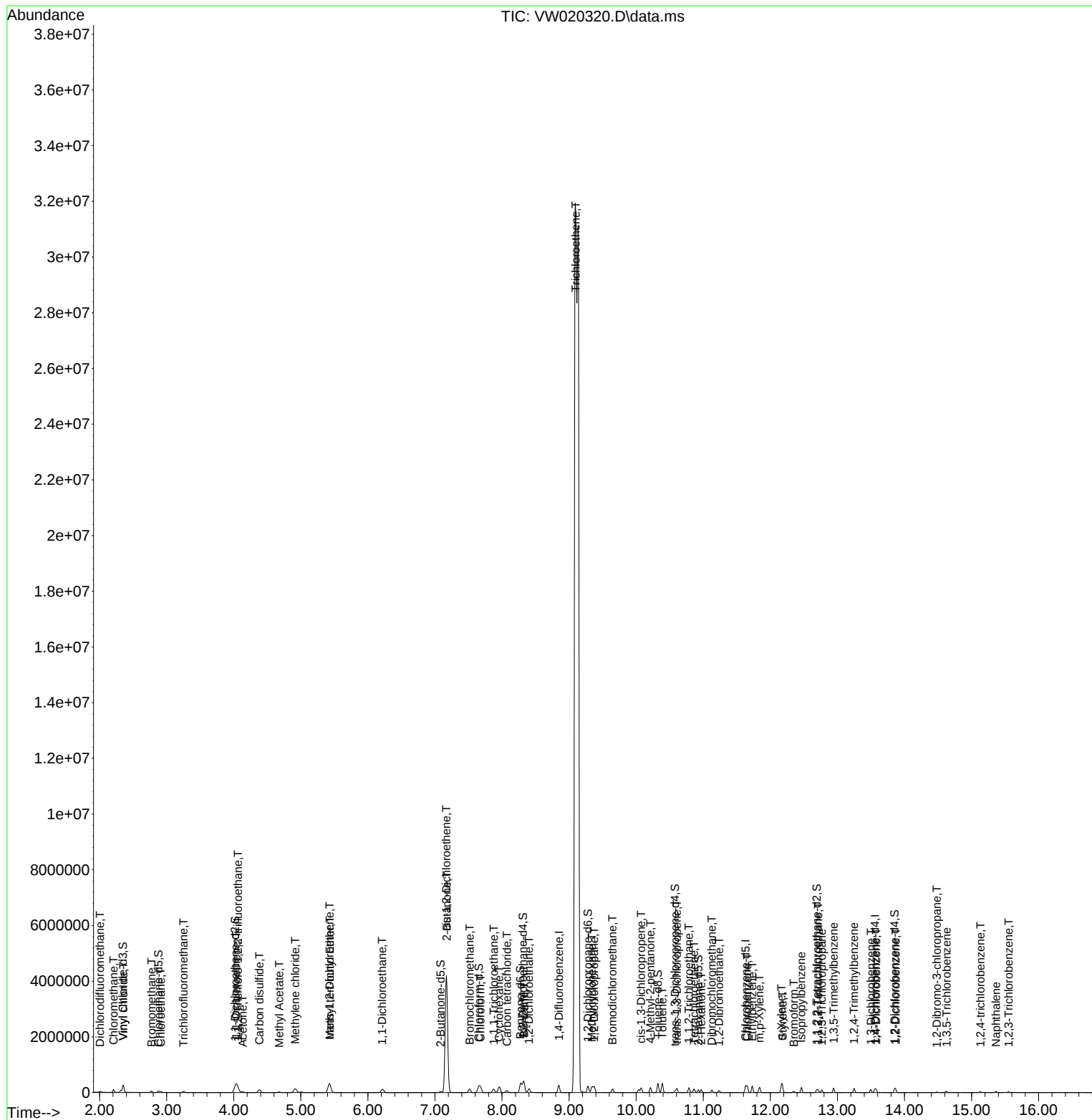
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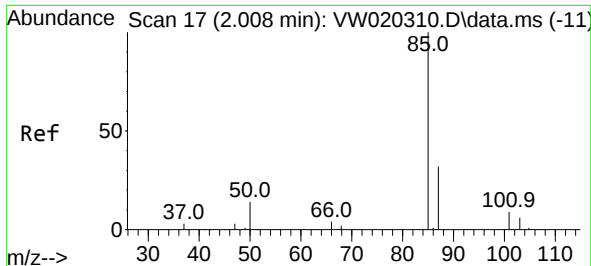
Instrument :
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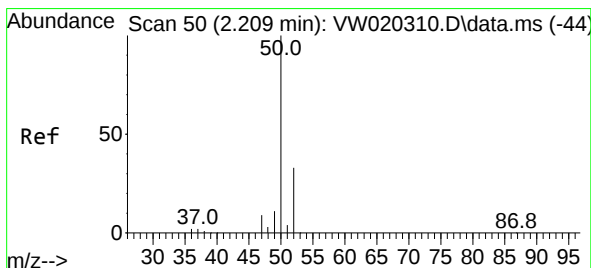
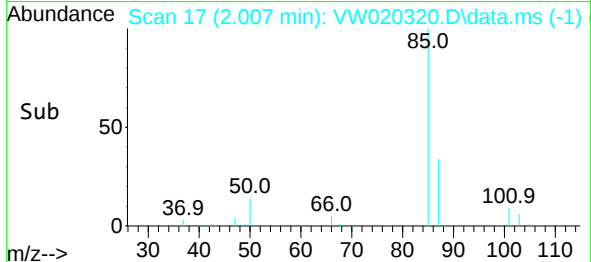
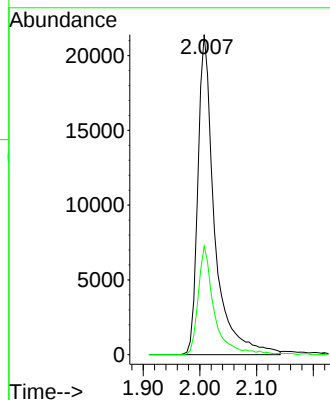
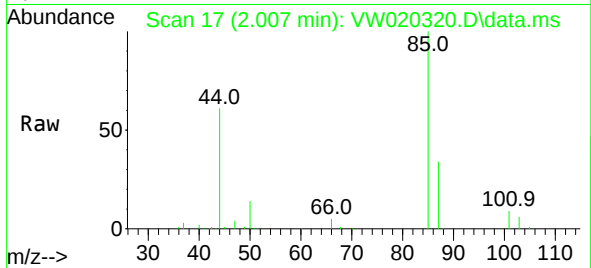
#2
Dichlorodifluoromethane
Concen: 38.277 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 85 Resp: 43679
Ion Ratio Lower Upper
85 100
87 32.0 24.9 37.3

Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

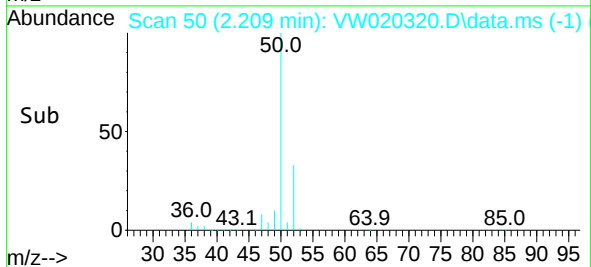
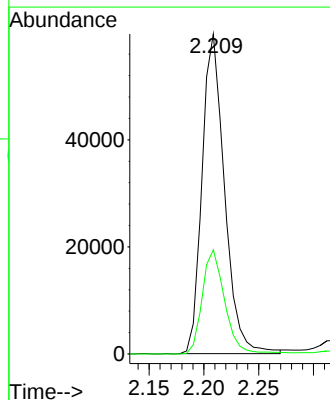
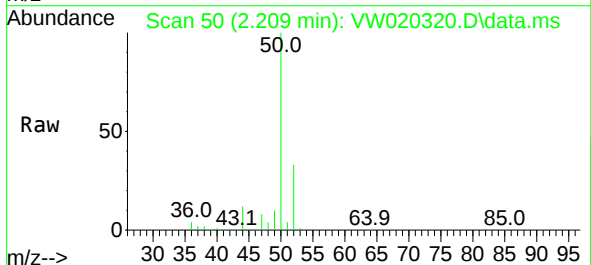
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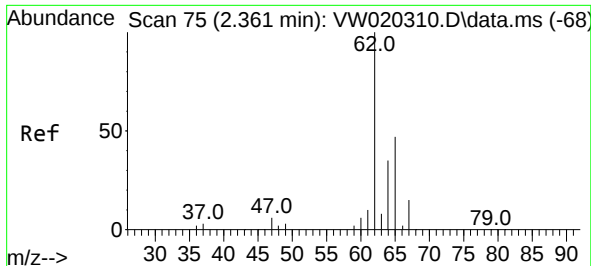
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#3
Chloromethane
Concen: 30.528 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 50 Resp: 85188
Ion Ratio Lower Upper
50 100
52 32.6 21.5 39.9





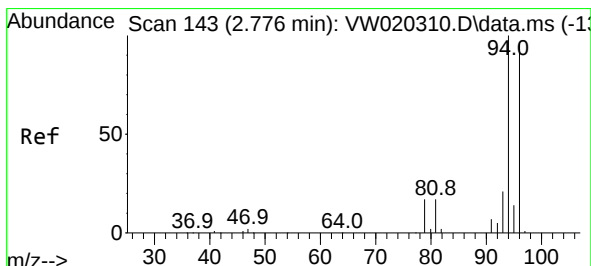
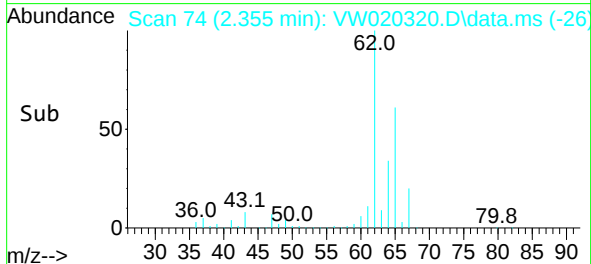
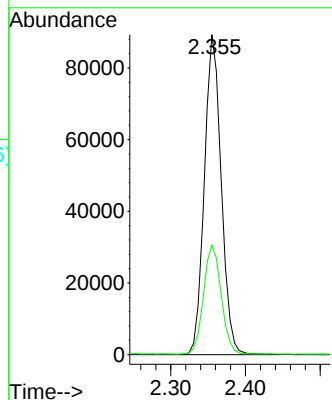
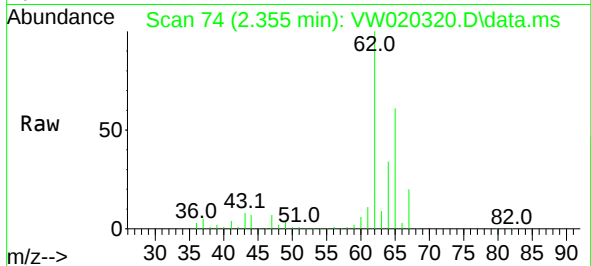
#5
 Vinyl chloride
 Concen: 36.904 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020320.D
 Acq: 06 Oct 2021 16:36

Tgt Ion: 62 Resp: 140075
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.6 45.6

Instrument :
 MSVOA_W
 ClientSampled :
 EW918MSD

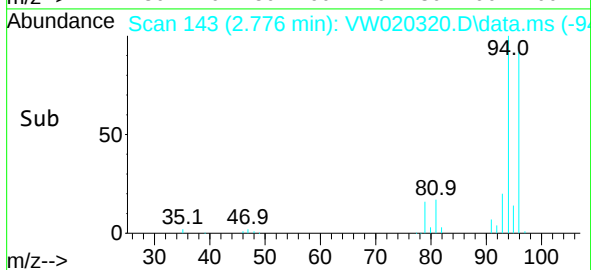
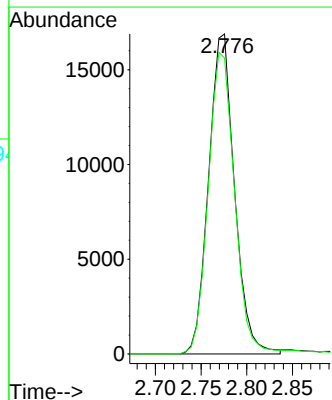
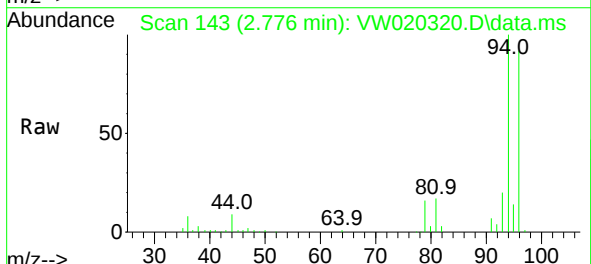
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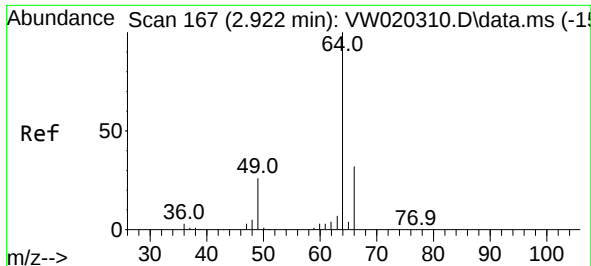
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#6
 Bromomethane
 Concen: 22.657 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020320.D
 Acq: 06 Oct 2021 16:36

Tgt Ion: 94 Resp: 33284
 Ion Ratio Lower Upper
 94 100
 96 92.4 67.8 126.0





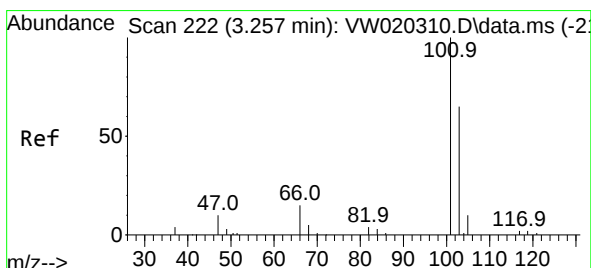
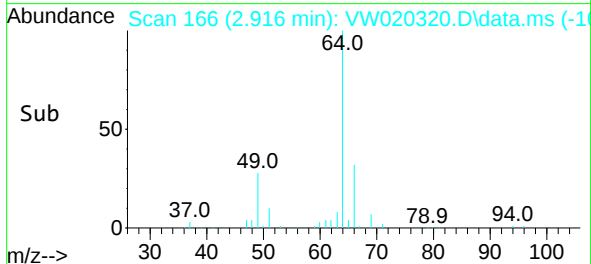
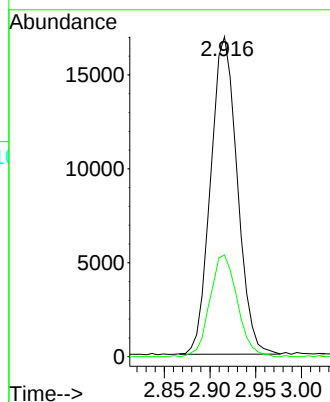
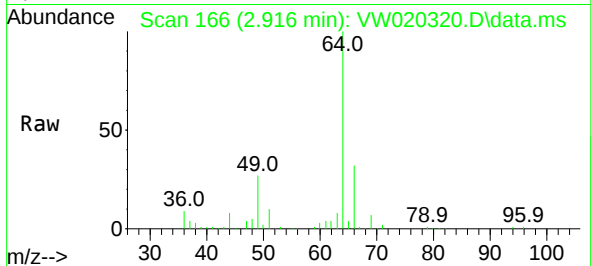
#8
Chloroethane
Concen: 30.176 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 64 Resp: 34242
Ion Ratio Lower Upper
64 100
66 31.8 21.2 39.4

Instrument :
MSVOA_W
ClientSampleId :
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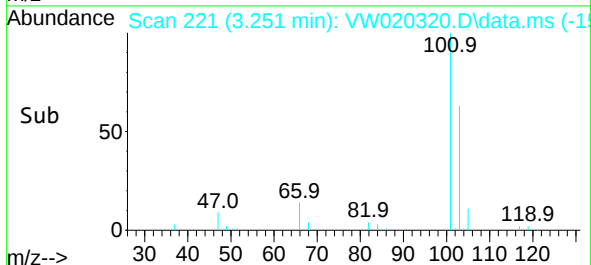
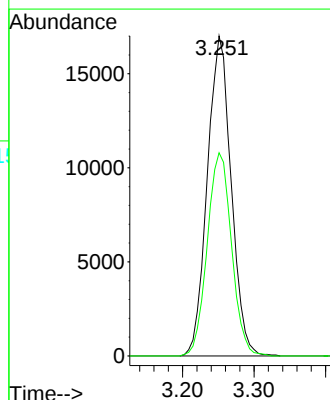
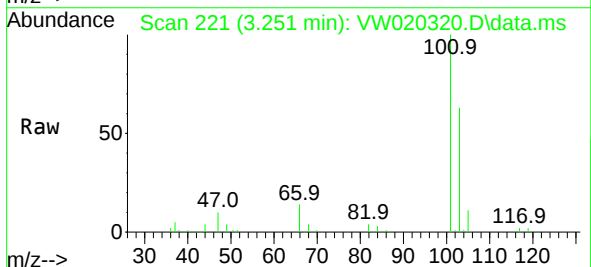
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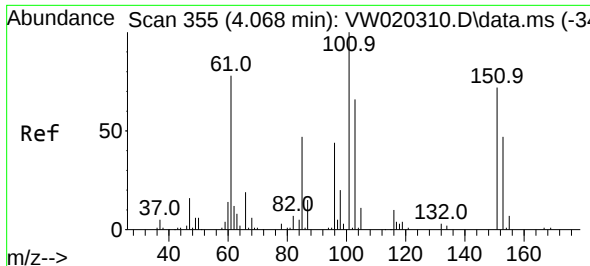
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#9
Trichlorofluoromethane
Concen: 20.029 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 101 Resp: 39387
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4





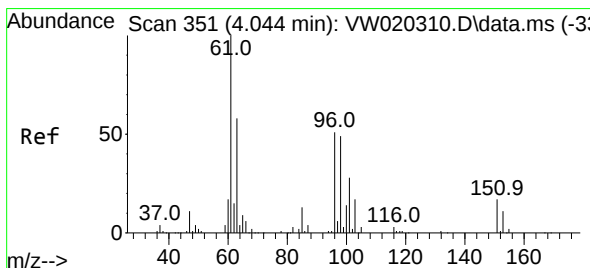
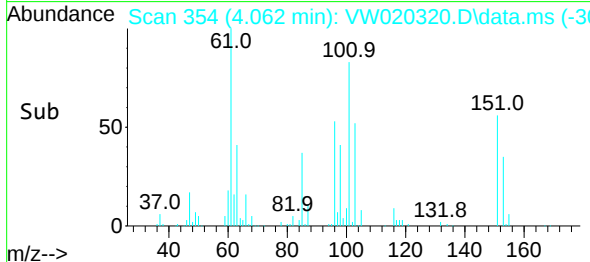
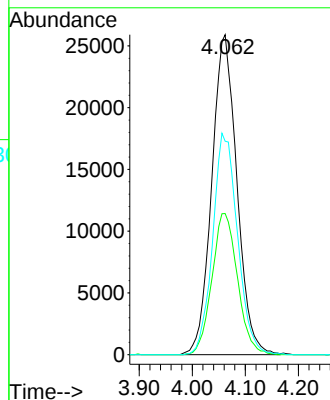
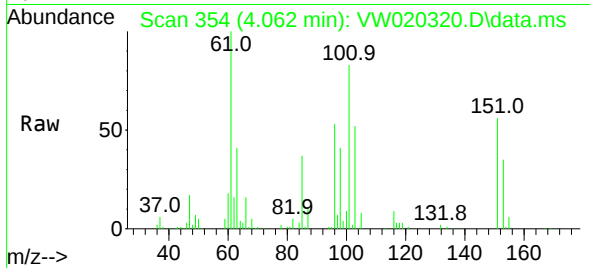
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.872 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW020320.D
 Acq: 06 Oct 2021 16:36

Tgt Ion:	101	Resp:	85446
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.3	54.5
151	68.4	56.5	84.7

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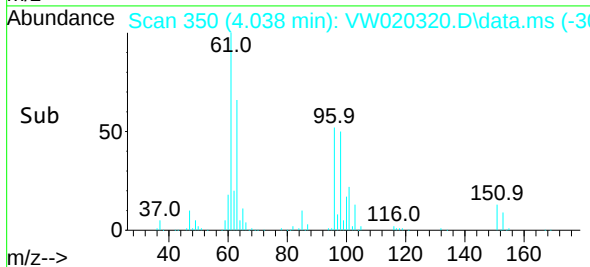
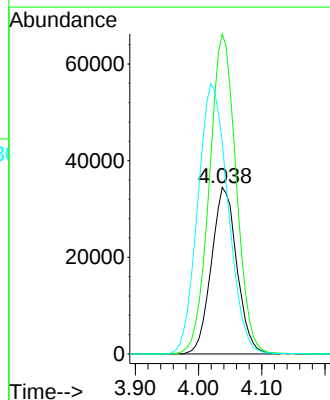
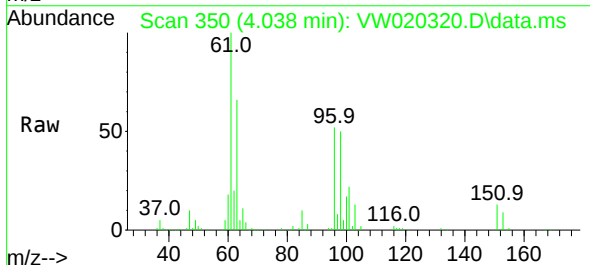
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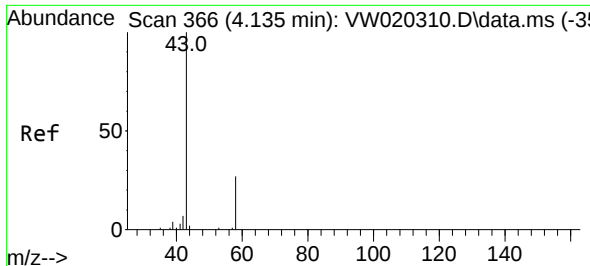
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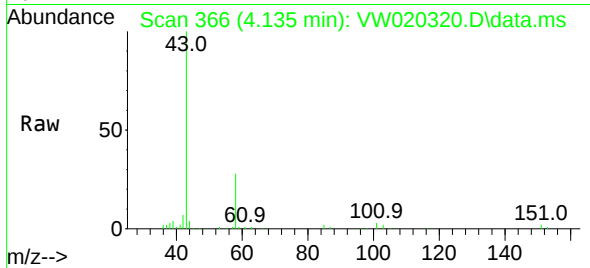
#12
 1,1-Dichloroethene
 Concen: 33.265 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020320.D
 Acq: 06 Oct 2021 16:36

Tgt Ion:	96	Resp:	96422
Ion	Ratio	Lower	Upper
96	100		
61	192.2	133.9	248.7
63	127.1	77.3	143.7

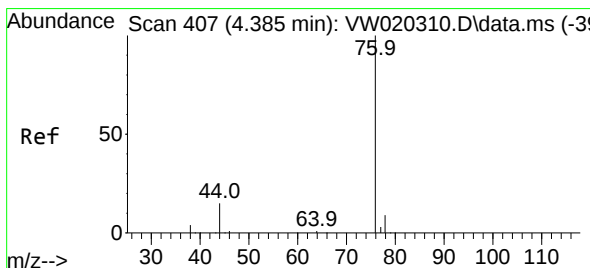
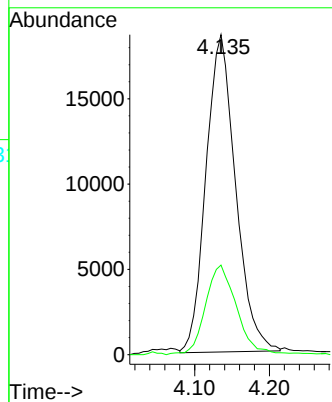
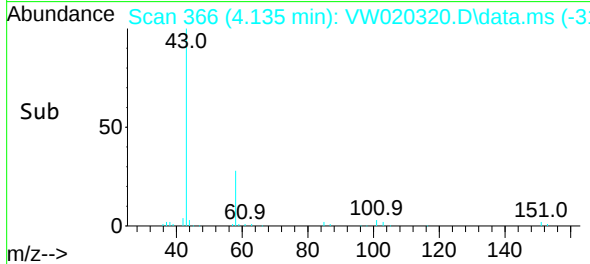




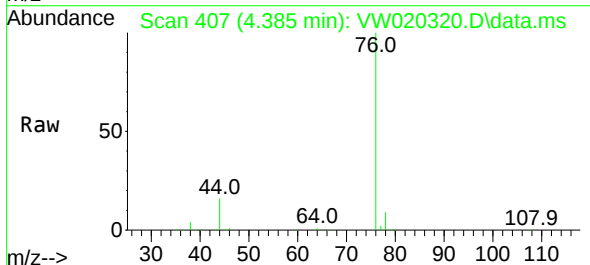
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Acetone
Concen: 68.405 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
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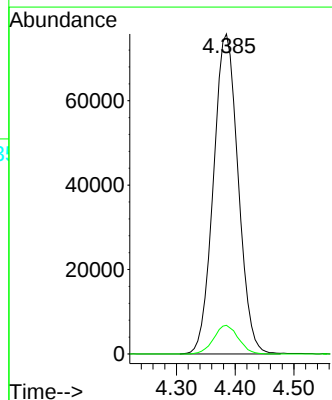
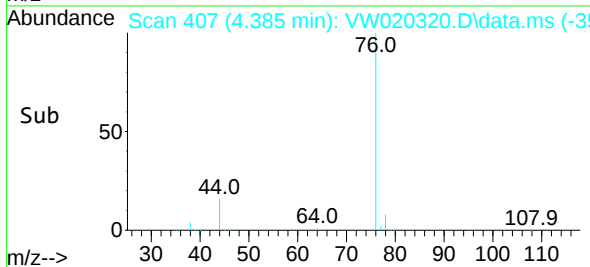
Tgt Ion: 43 Resp: 51288
Ion Ratio Lower Upper
43 100
58 27.4 0.0 58.4



#14
Carbon disulfide
Concen: 23.263 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



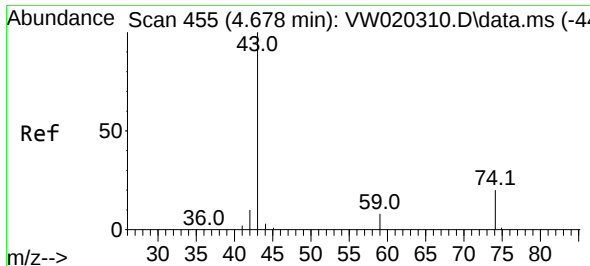
Tgt Ion: 76 Resp: 221679
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

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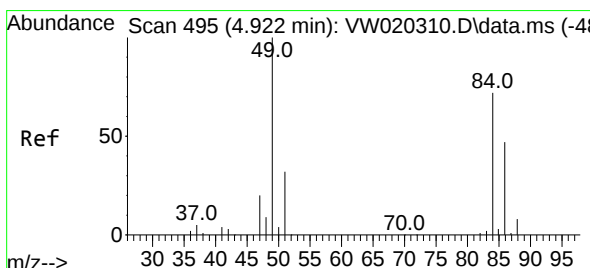
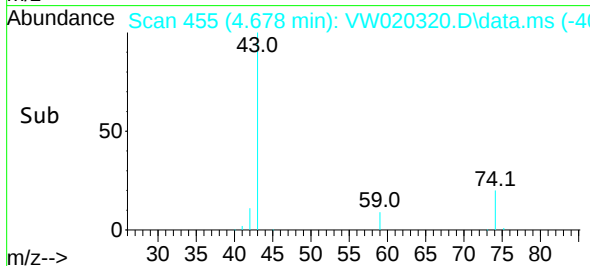
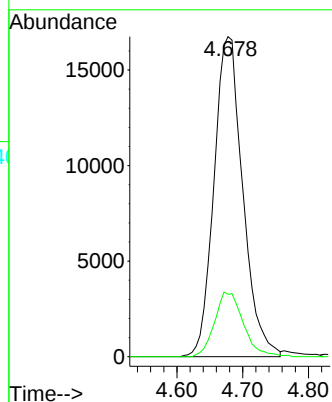
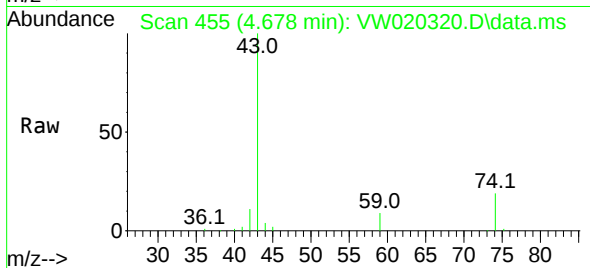
#15
Methyl Acetate
Concen: 37.231 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 43 Resp: 51017
Ion Ratio Lower Upper
43 100
74 20.1 16.1 24.1

Instrument :
MSVOA_W
ClientSampled :
EW918MSD

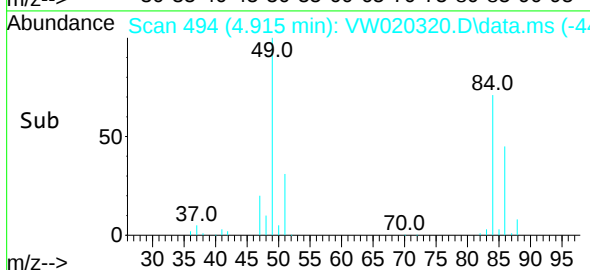
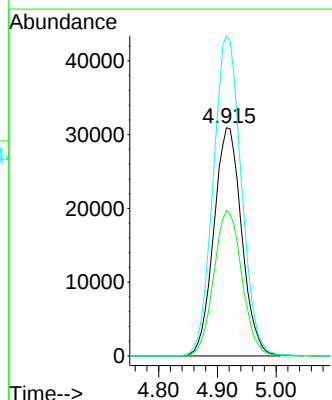
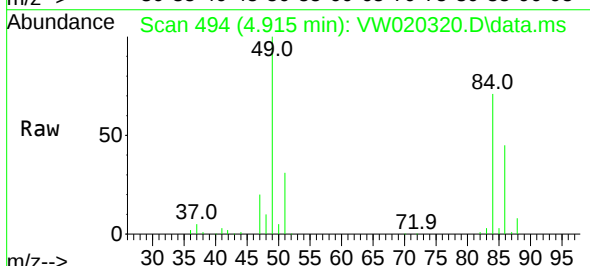
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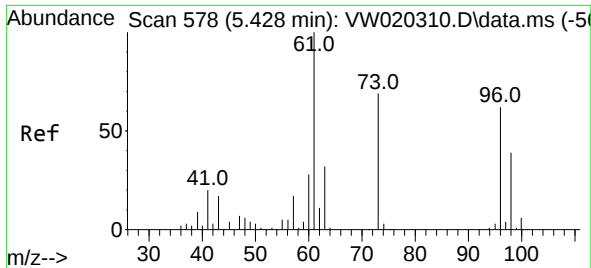
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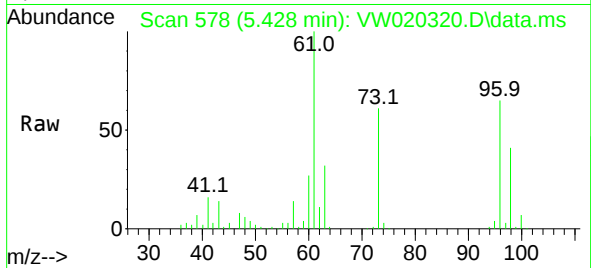
#16
Methylene chloride
Concen: 27.421 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 84 Resp: 102003
Ion Ratio Lower Upper
84 100
86 63.7 44.7 83.1
49 140.2 101.7 188.9



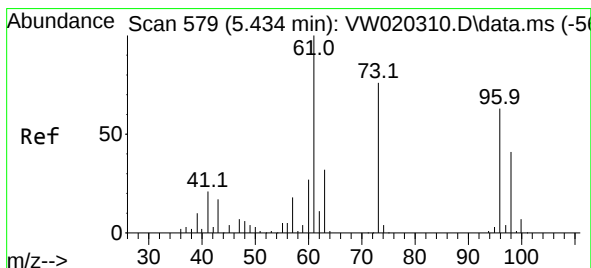
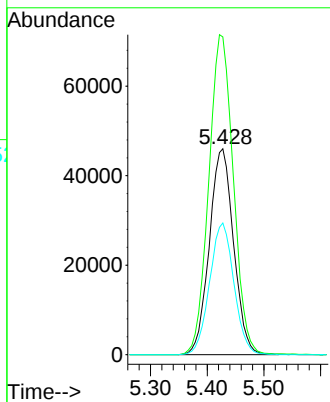
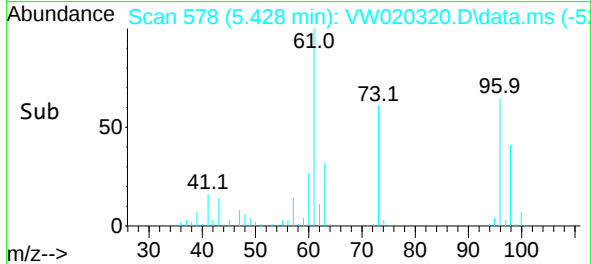


#17
trans-1,2-Dichloroethene
Concen: 45.128 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

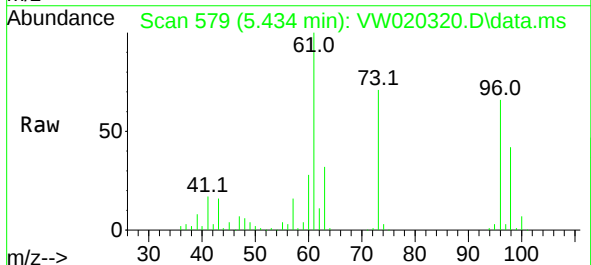


Tgt Ion: 96 Resp: 136938

Ion	Ratio	Lower	Upper
96	100		
61	154.4	110.7	205.5
98	64.0	43.9	81.5

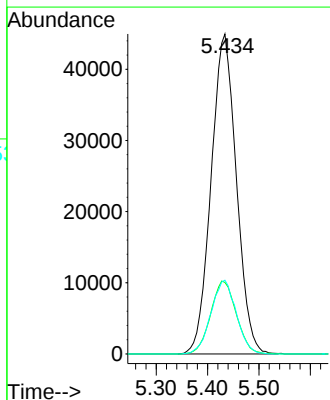
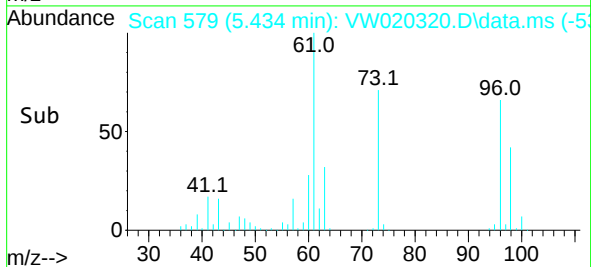


#18
Methyl tert-butyl Ether
Concen: 39.117 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



Tgt Ion: 73 Resp: 153474

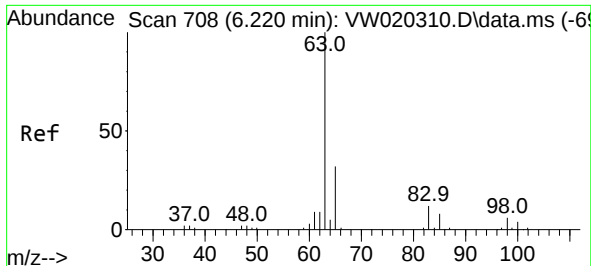
Ion	Ratio	Lower	Upper
73	100		
43	23.1	18.9	28.3
57	23.1	18.9	28.3



Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

Manual Integrations
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#19

1,1-Dichloroethane

Concen: 29.855 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW020320.D

Acq: 06 Oct 2021 16:36

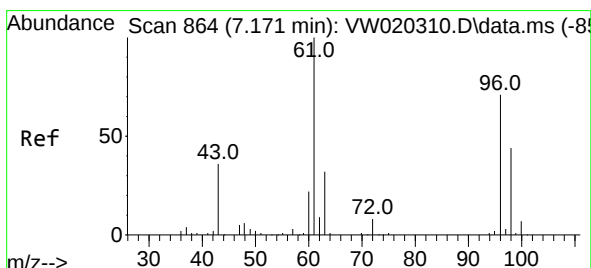
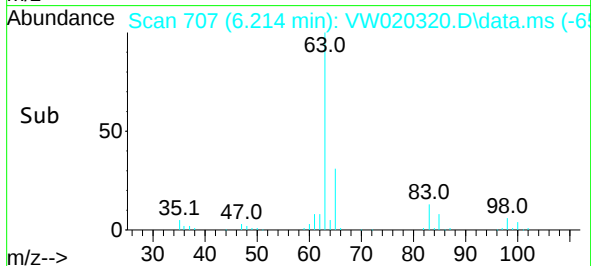
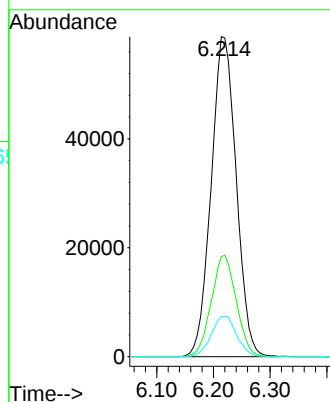
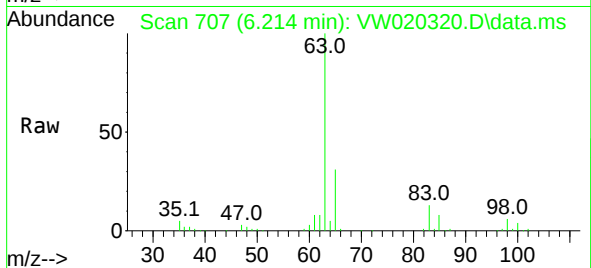
Tgt Ion: 63 Resp: 180175

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

83 12.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 770.122 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020320.D

Acq: 06 Oct 2021 16:36

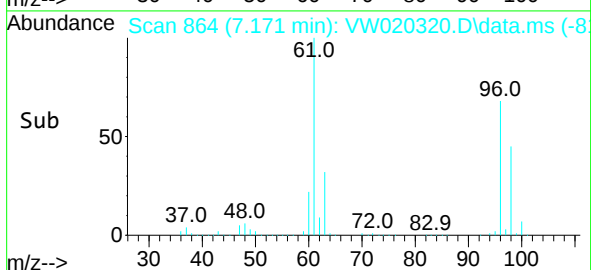
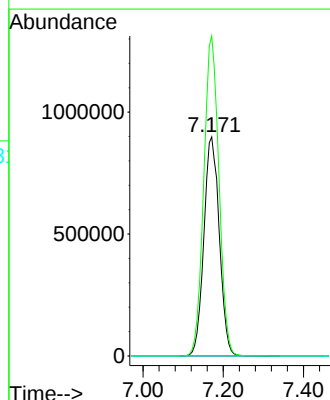
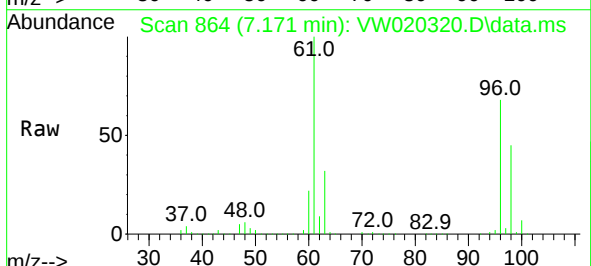
Tgt Ion: 96 Resp: 2389785

Ion Ratio Lower Upper

96 100

61 146.0 100.3 186.3

68 0.0 0.0 0.0



Instrument :

MSVOA_W

ClientSampleId :

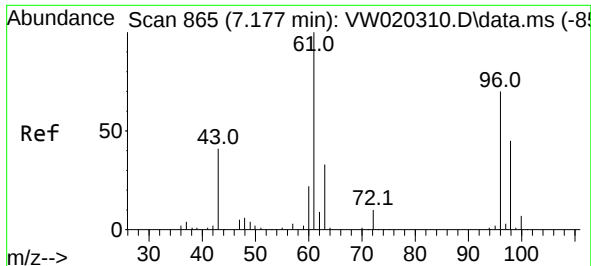
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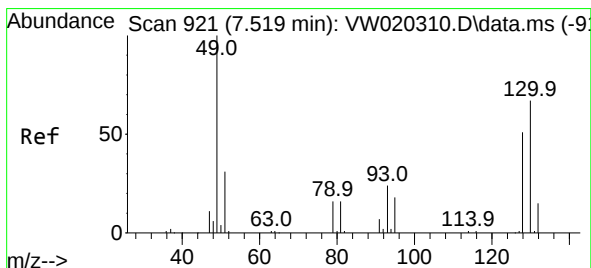
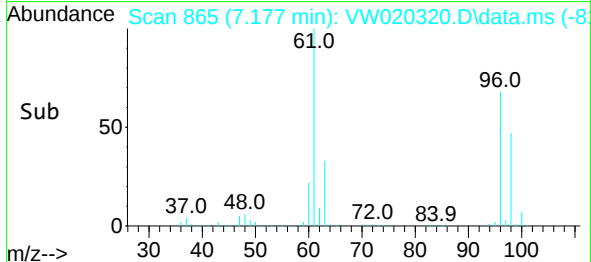
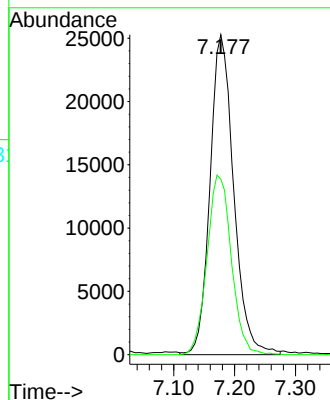
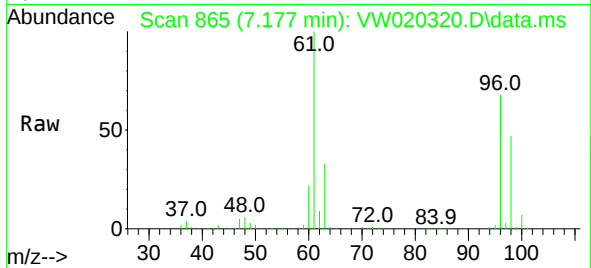
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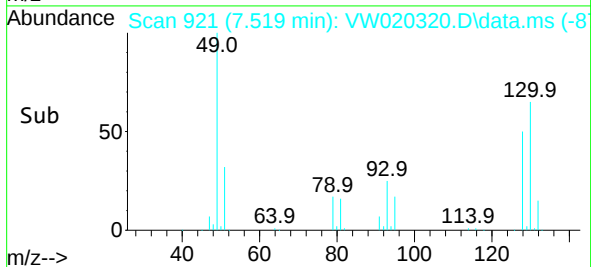
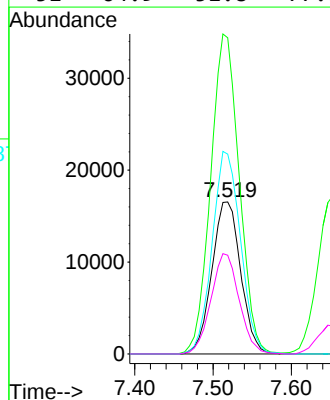
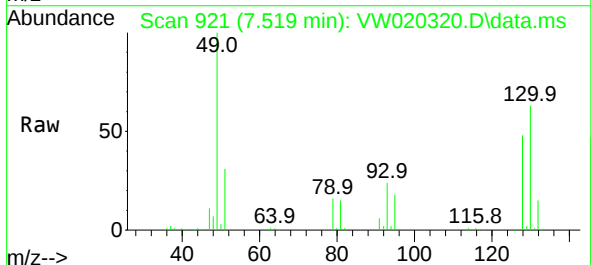
#22
2-Butanone
Concen: 74.155 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 43 Resp: 68357
Ion Ratio Lower Upper
43 100
72 57.6 12.2 36.6#



#23
Bromochloromethane
Concen: 32.207 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

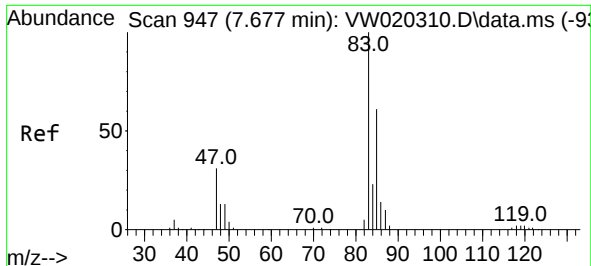
Tgt Ion: 128 Resp: 42327
Ion Ratio Lower Upper
128 100
49 208.0 144.1 267.7
130 131.5 89.2 165.6
51 64.9 51.8 77.8



Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

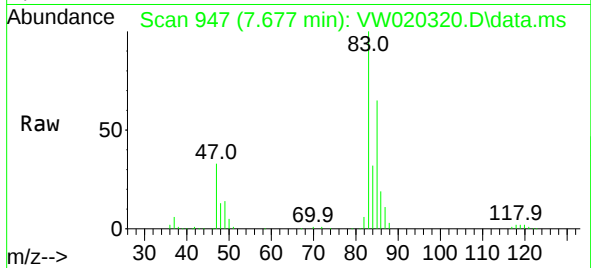
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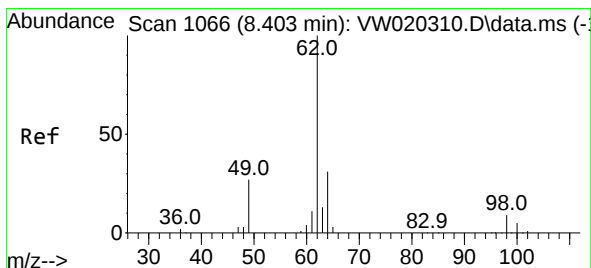
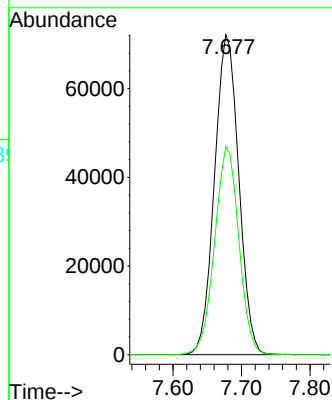
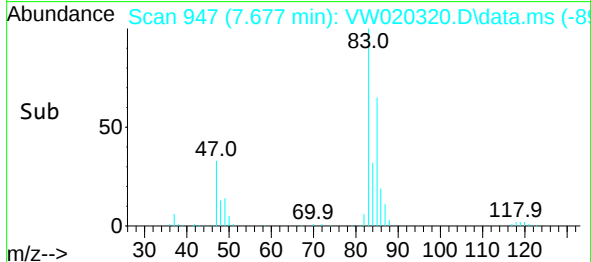


#25
Chloroform
Concen: 30.714 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

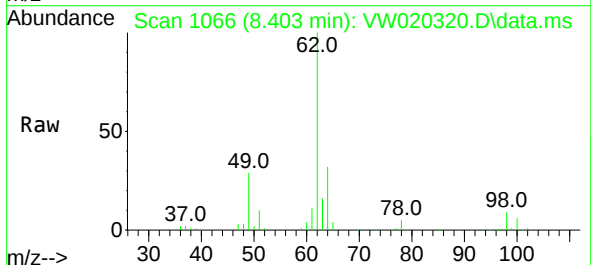
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



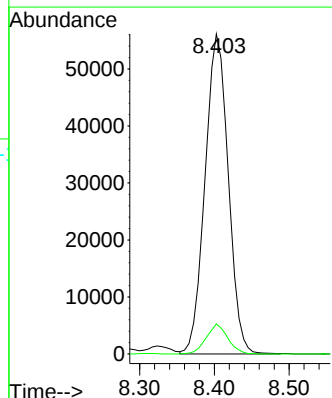
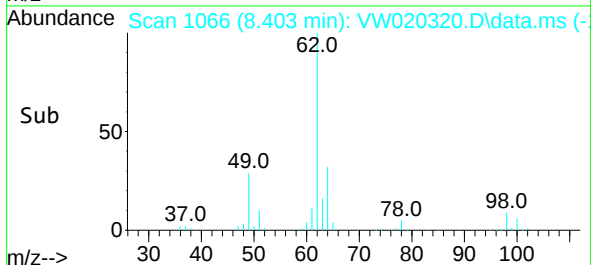
Tgt Ion: 83 Resp: 177273
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8

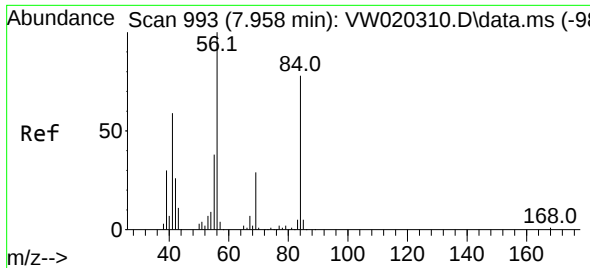


#27
1,2-Dichloroethane
Concen: 31.430 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



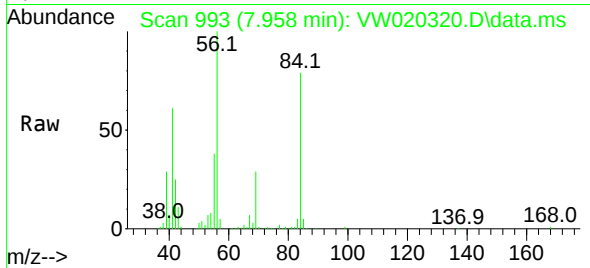
Tgt Ion: 62 Resp: 121177
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0





#29
Cyclohexane
Concen: 32.413 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

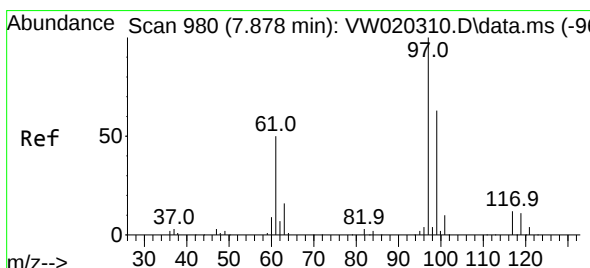
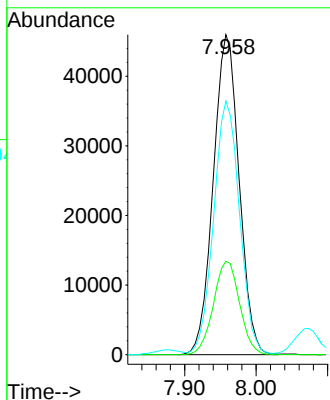
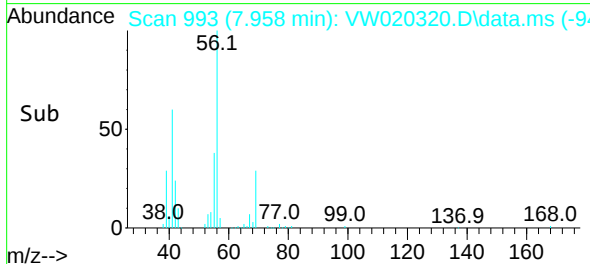
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



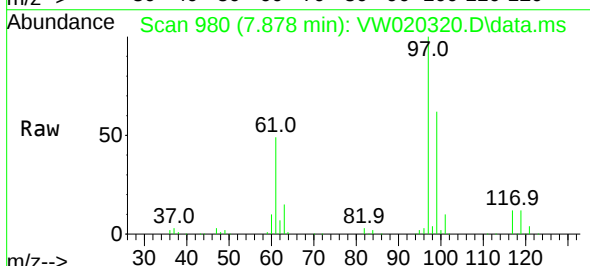
Tgt Ion: 56 Resp: 115305
Ion Ratio Lower Upper
56 100
69 29.6 23.2 34.8
84 79.8 63.7 95.5

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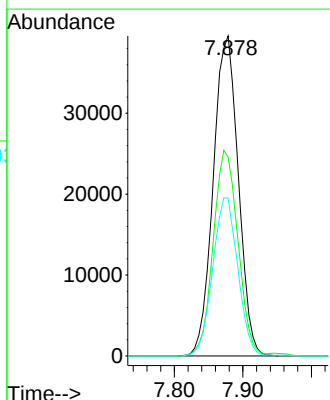
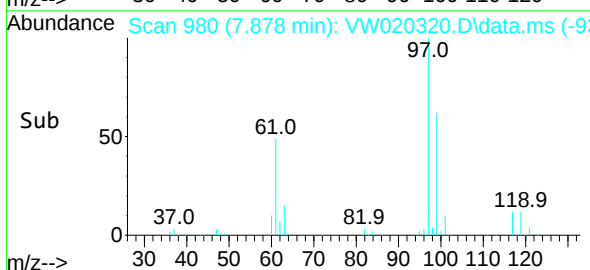
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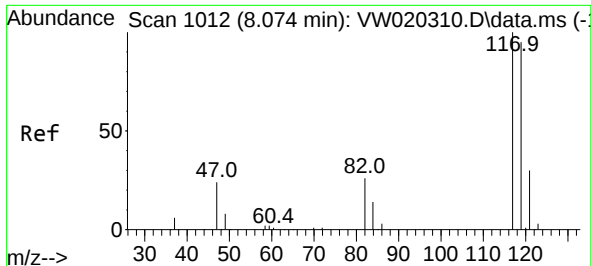


#30
1,1,1-Trichloroethane
Concen: 34.993 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



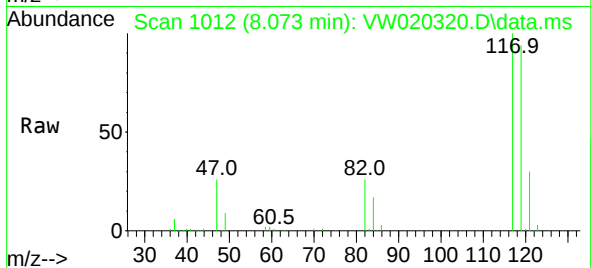
Tgt Ion: 97 Resp: 100432
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 49.6 41.0 61.6





#31
Carbon tetrachloride
Concen: 21.258 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

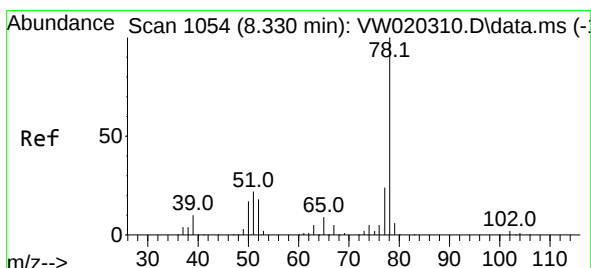
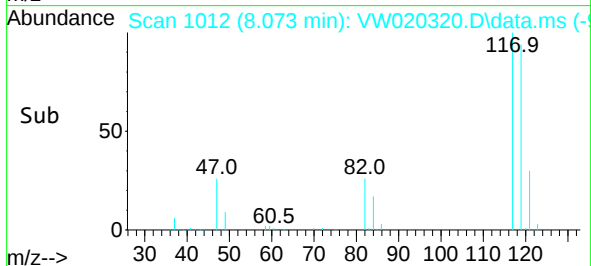
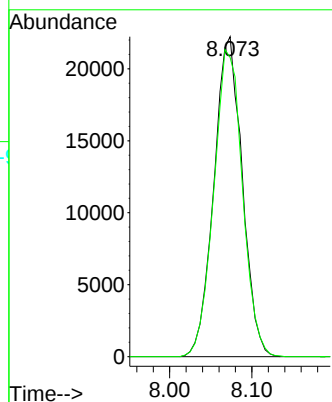
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



Tgt Ion:117 Resp: 53260
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4

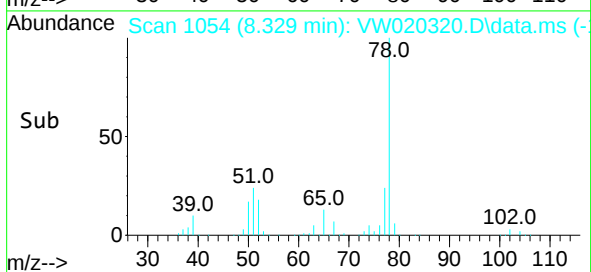
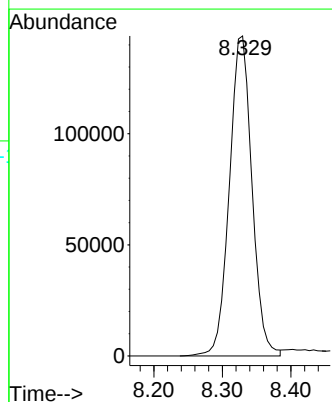
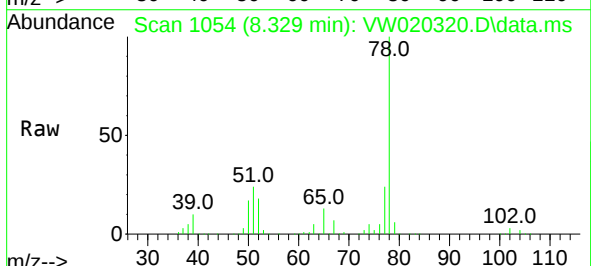
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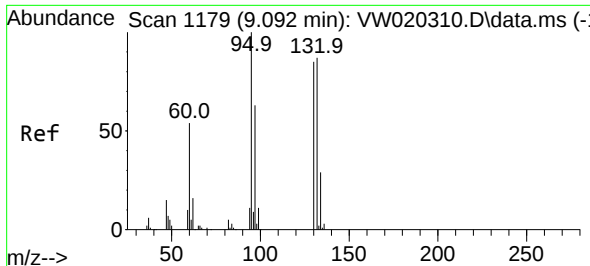
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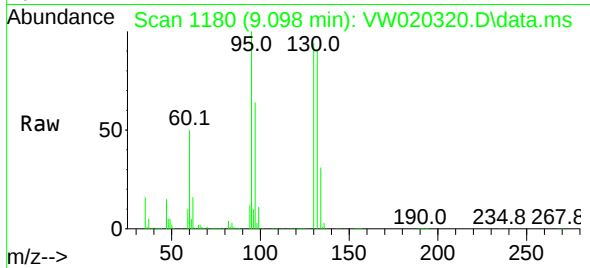
#33
Benzene
Concen: 39.639 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 78 Resp: 329834



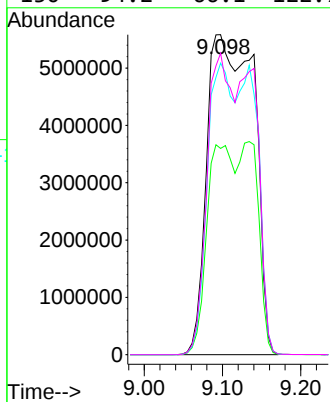
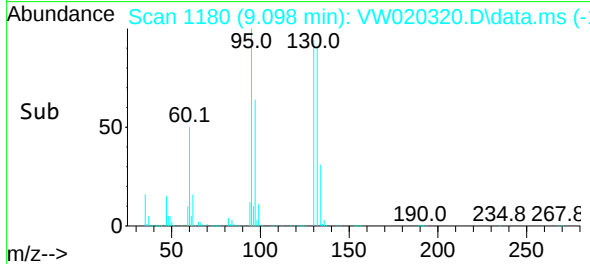


#34
Trichloroethene
Concen: 11300.770 ug/L m
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



Tgt Ion: 95 Resp: 23132143

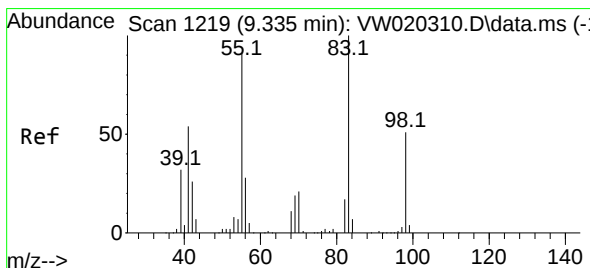
Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.2	80.2
132	91.1	62.3	115.7
130	94.2	66.1	122.7



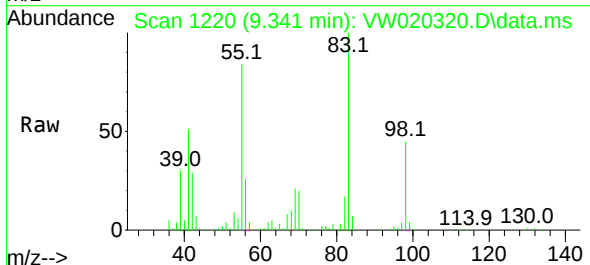
Instrument :
MSVOA_W
ClientSampled :
EW918MSD

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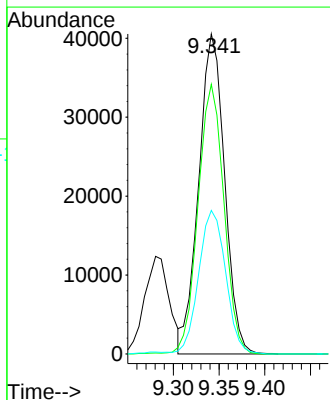
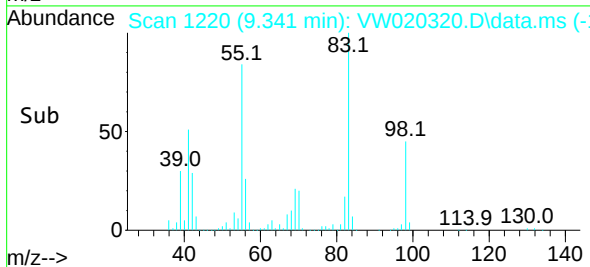


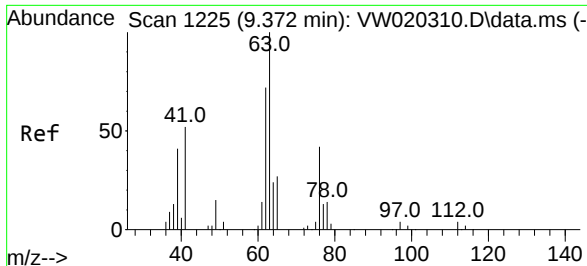
#35
Methylcyclohexane
Concen: 22.318 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



Tgt Ion: 83 Resp: 79689

Ion	Ratio	Lower	Upper
83	100		
55	84.2	69.7	104.5
98	46.8	38.2	57.2





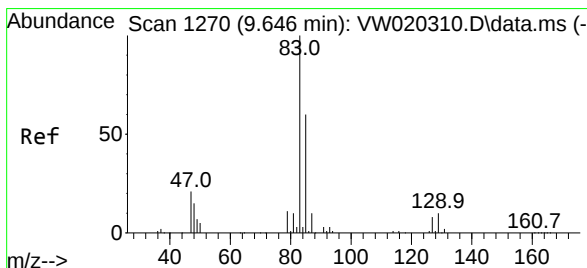
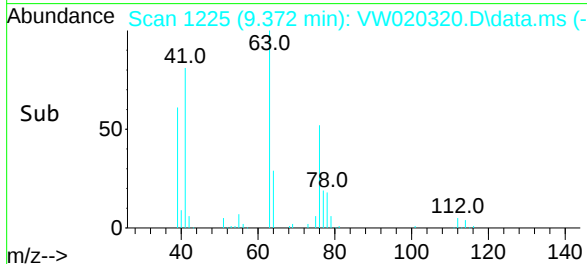
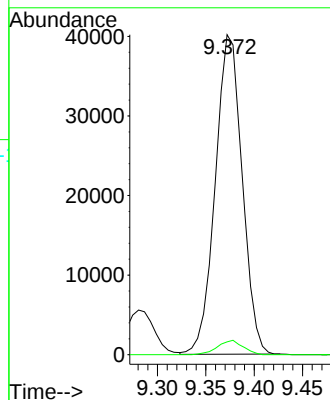
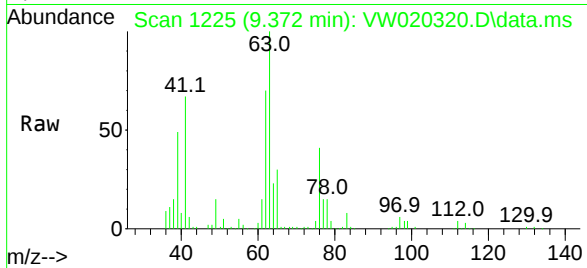
#37
1,2-Dichloropropane
Concen: 37.483 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 63 Resp: 77702
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3

Instrument :
MSVOA_W
ClientSampled :
EW918MSD

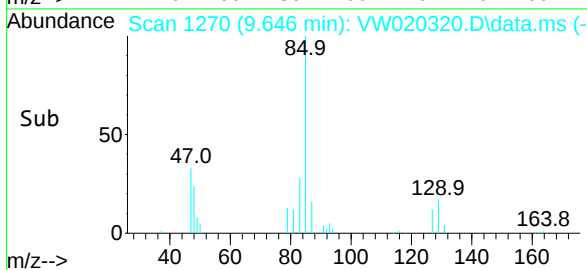
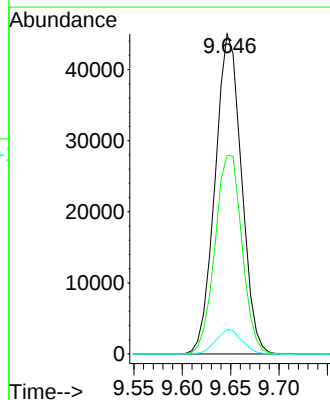
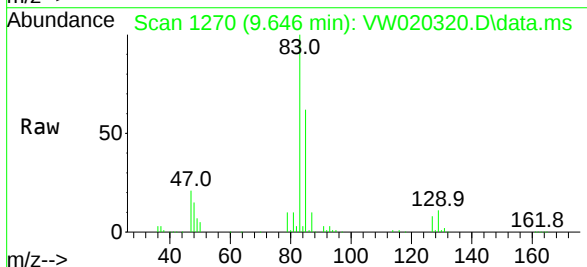
Manual Integrations
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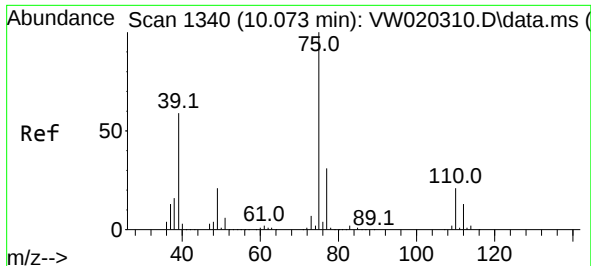
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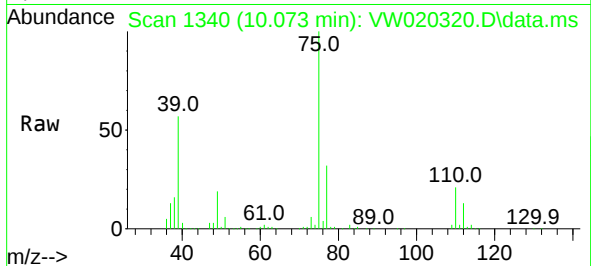
#38
Bromodichloromethane
Concen: 33.806 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 83 Resp: 85389
Ion Ratio Lower Upper
83 100
85 62.0 43.4 80.6
127 7.6 6.2 9.2

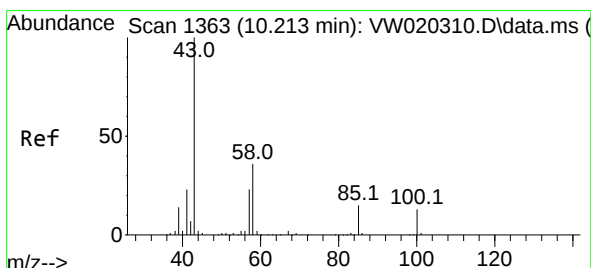
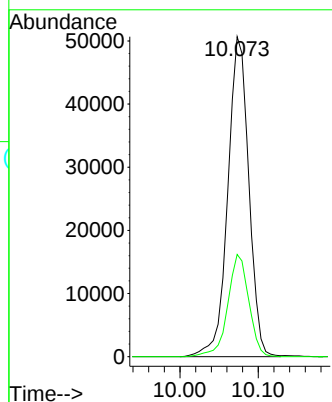
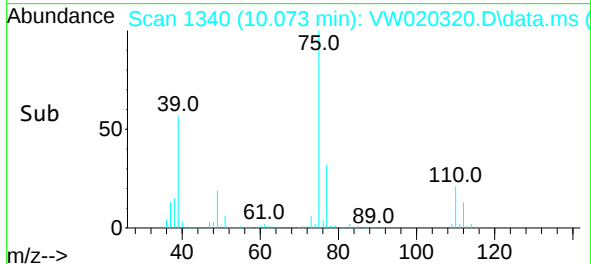




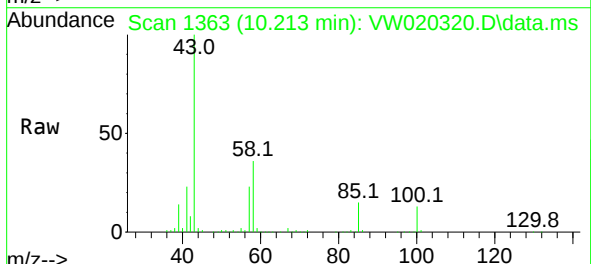
#39
cis-1,3-Dichloropropene
Concen: 32.154 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



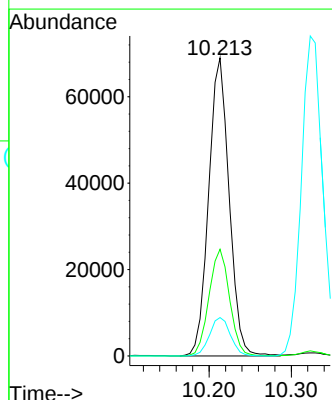
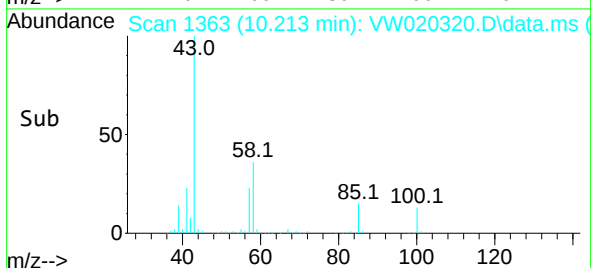
Tgt Ion: 75 Resp: 94275
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 105.453 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



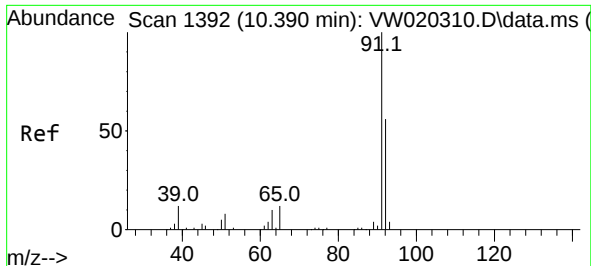
Tgt Ion: 43 Resp: 119415
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.4
100 13.2 10.2 15.4



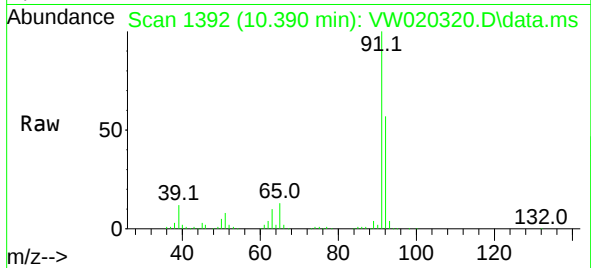
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

Manual Integrations
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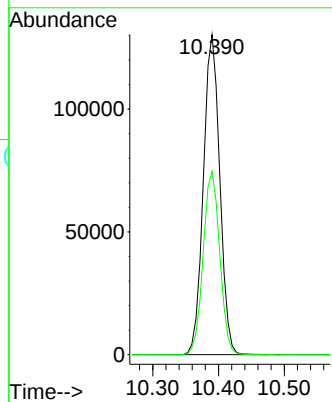
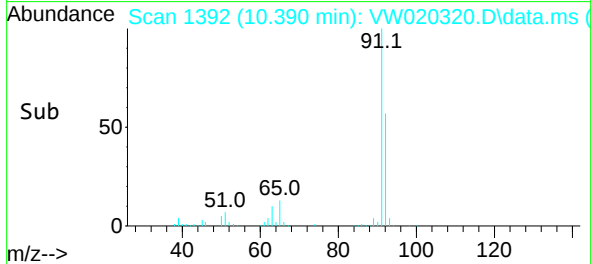
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#42
Toluene
Concen: 27.034 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



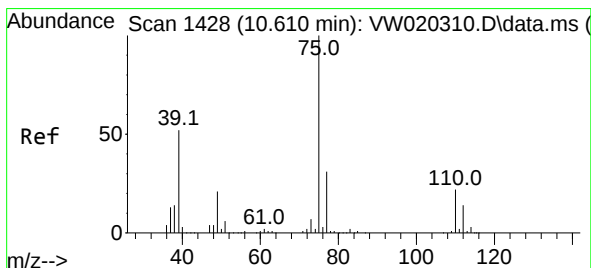
Tgt Ion: 91 Resp: 226241
Ion Ratio Lower Upper
91 100
92 57.2 41.5 77.1



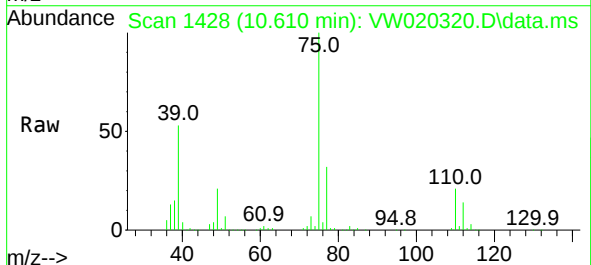
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

Manual Integrations
APPROVED

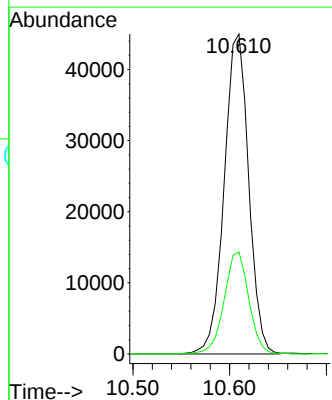
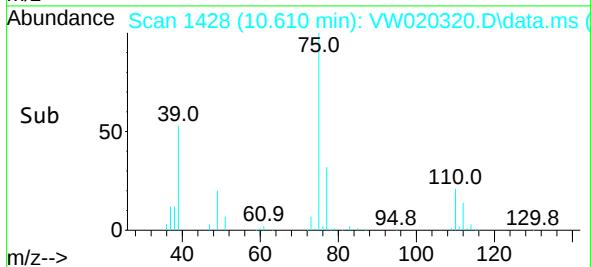
MMDadoda
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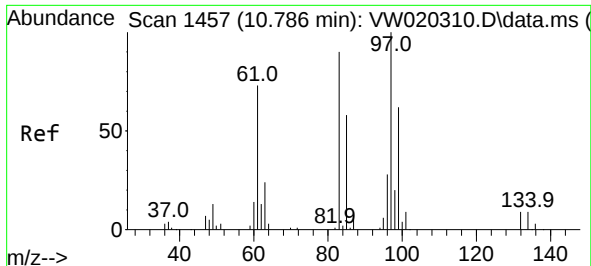


#44
trans-1,3-Dichloropropene
Concen: 31.101 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

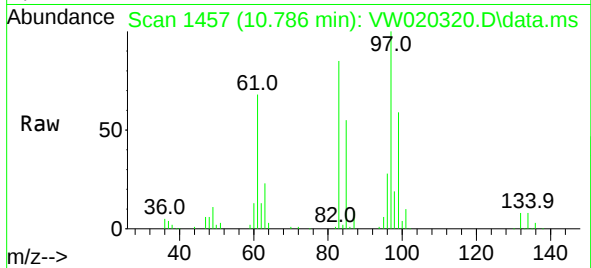


Tgt Ion: 75 Resp: 78974
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4

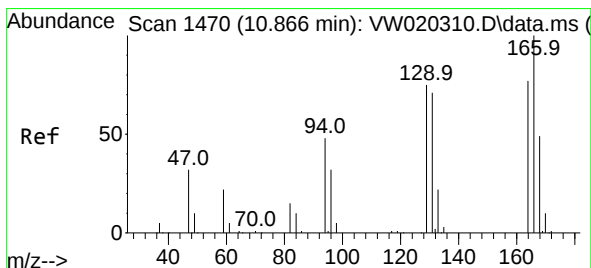
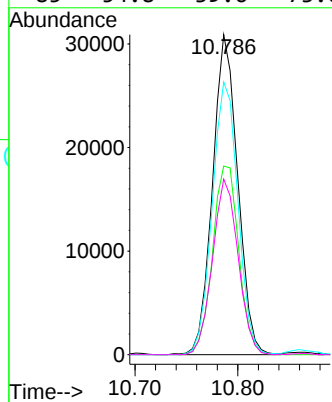
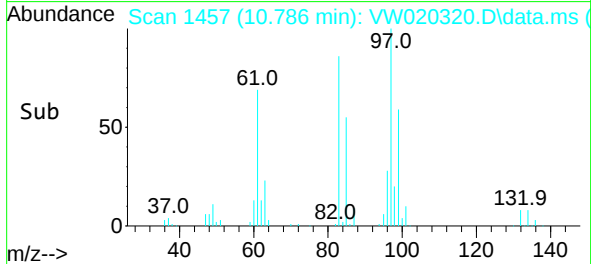




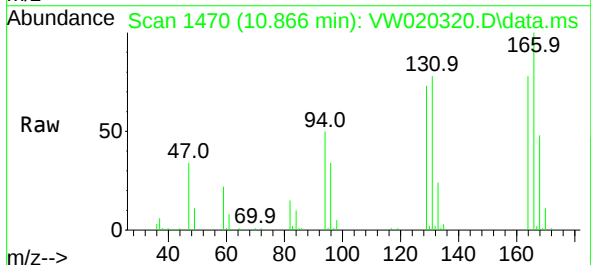
#45
1,1,2-Trichloroethane
Concen: 39.976 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



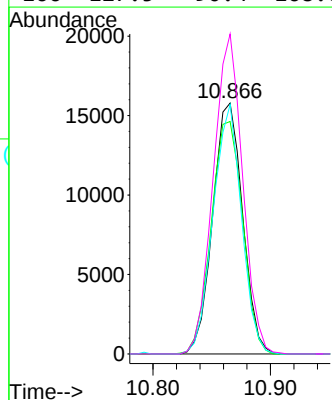
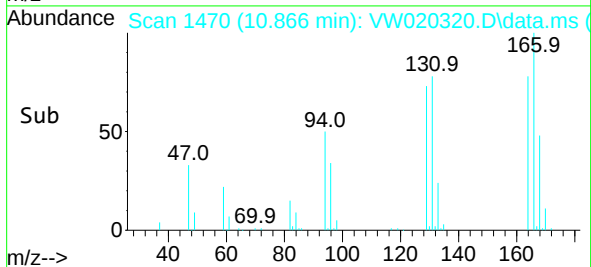
Tgt Ion:	97	Resp:	52426
Ion	Ratio	Lower	Upper
97	100		
99	59.0	42.8	79.4
83	85.2	60.9	113.1
85	54.8	39.6	73.6



#46
Tetrachloroethene
Concen: 18.464 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



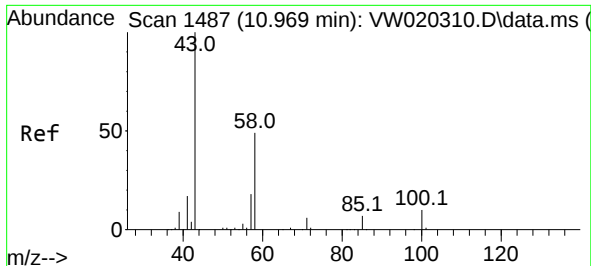
Tgt Ion:	164	Resp:	27817
Ion	Ratio	Lower	Upper
164	100		
129	92.7	69.1	128.3
131	99.4	58.3	108.3
166	127.5	90.4	168.0



Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

Manual Integrations
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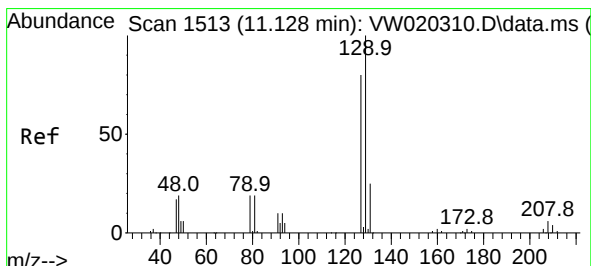
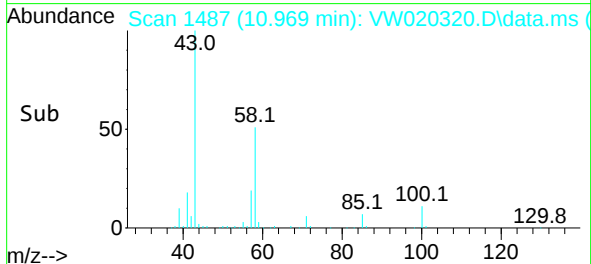
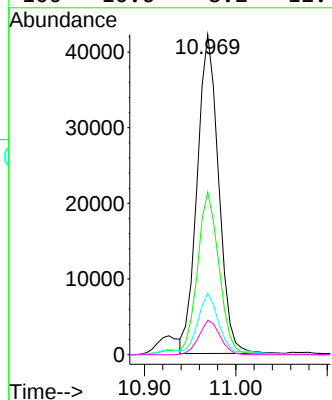
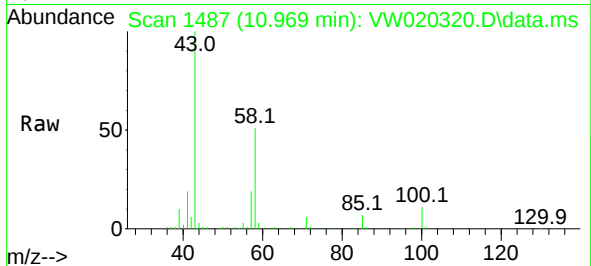
#48
2-Hexanone
Concen: 83.013 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 43 Resp: 68577
Ion Ratio Lower Upper
43 100
58 51.7 39.5 59.3
57 18.9 14.2 21.4
100 10.6 8.2 12.4

Instrument :
MSVOA_W
ClientSampled :
EW918MSD

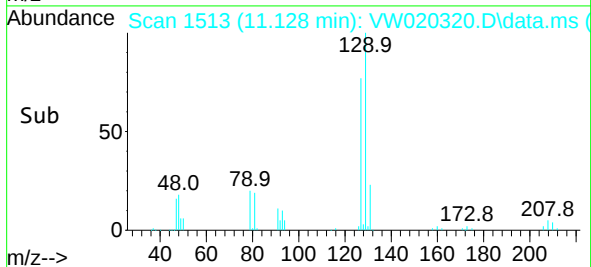
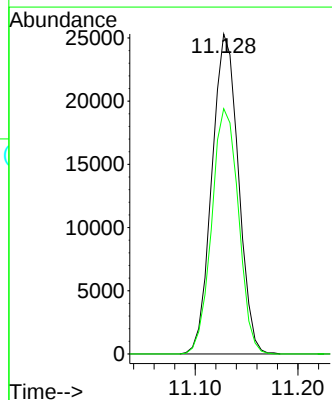
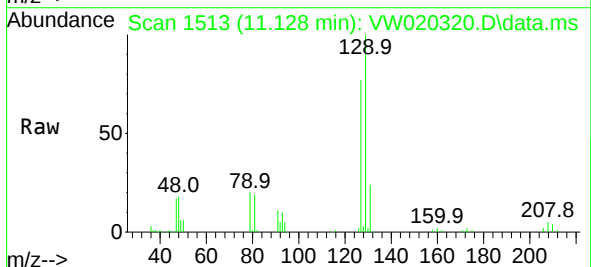
Manual Integrations
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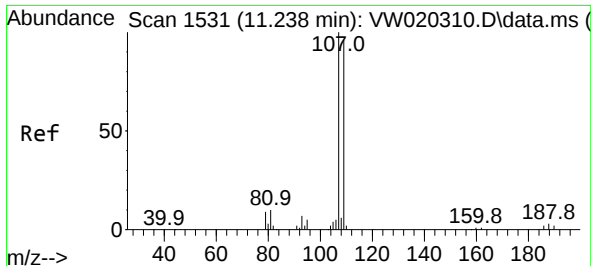
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10/11/2021 2:06:25 PM



#49
Dibromochloromethane
Concen: 30.790 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

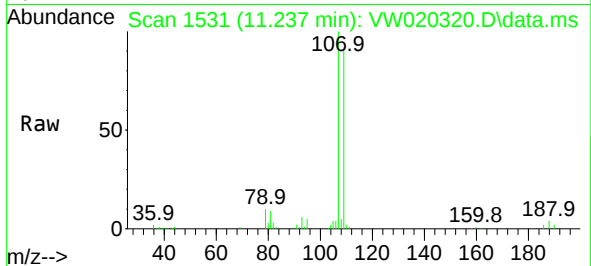
Tgt Ion: 129 Resp: 45313
Ion Ratio Lower Upper
129 100
127 76.7 55.1 102.3





#50
1,2-Dibromoethane
Concen: 37.439 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

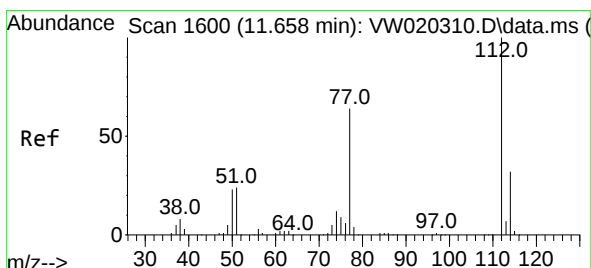
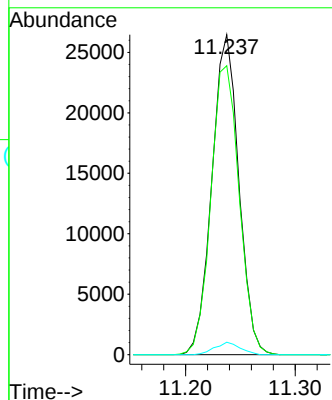
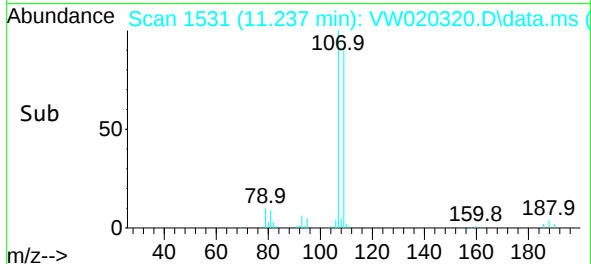
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



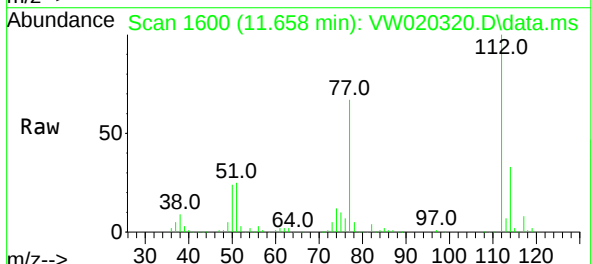
Tgt Ion:107 Resp: 45149
Ion Ratio Lower Upper
107 100
109 90.3 64.5 119.9
188 3.9 3.2 4.8

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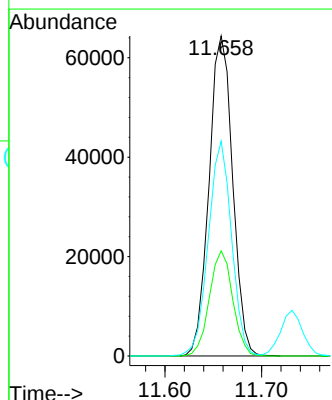
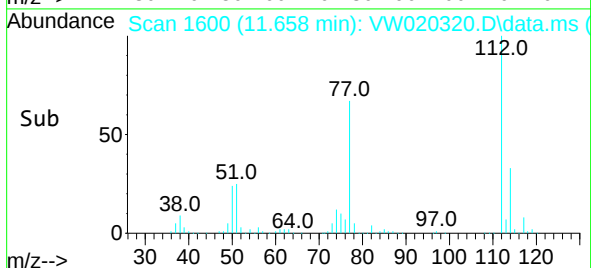
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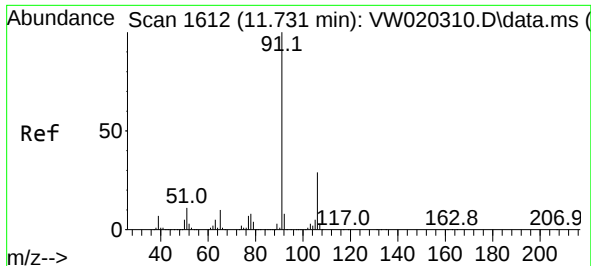


#51
Chlorobenzene
Concen: 21.524 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



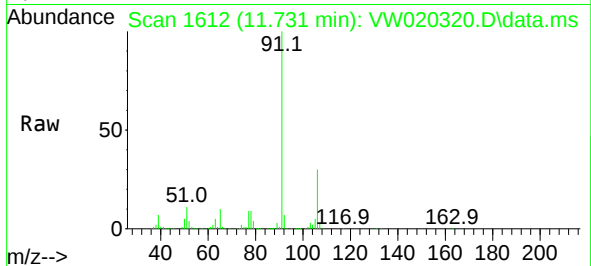
Tgt Ion:112 Resp: 109255
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 67.1 50.7 76.1





#52
Ethylbenzene
Concen: 17.156 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

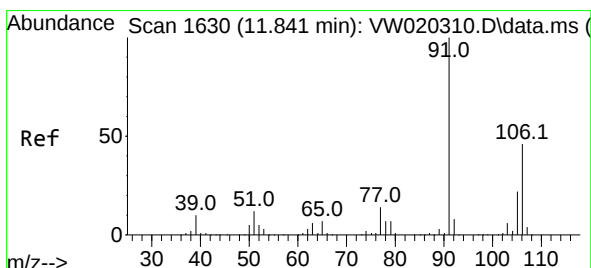
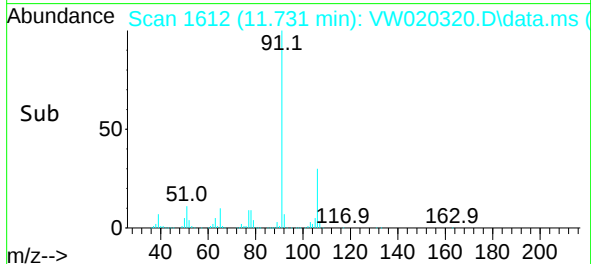
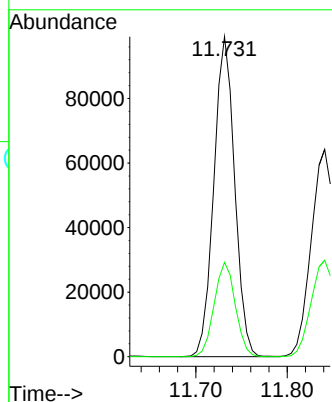
Instrument :
MSVOA_W
ClientSampled :
EW918MSD



Tgt Ion: 91 Resp: 156744
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5

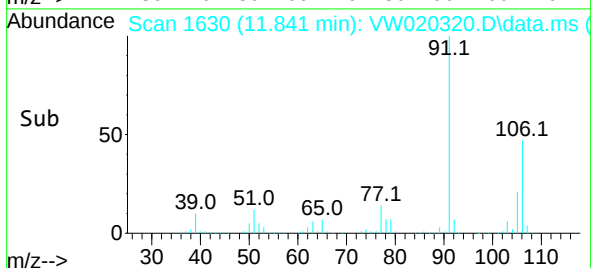
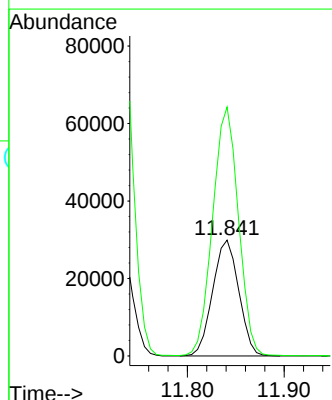
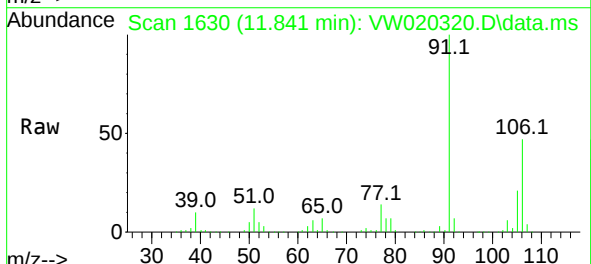
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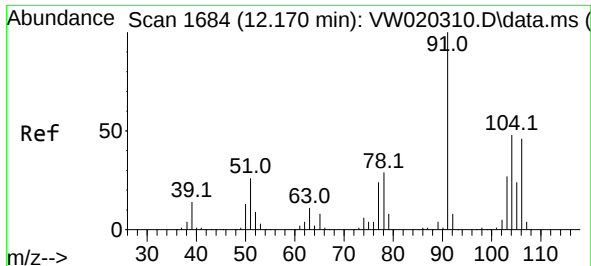
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#53
m,p-Xylene
Concen: 16.615 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:106 Resp: 56077
Ion Ratio Lower Upper
106 100
91 215.0 148.2 275.2





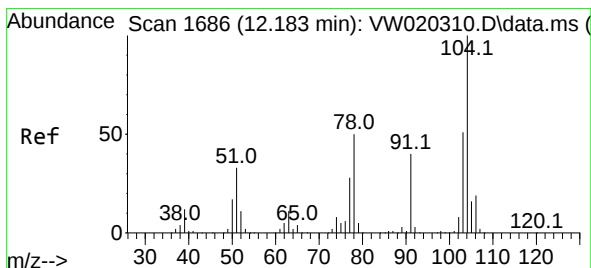
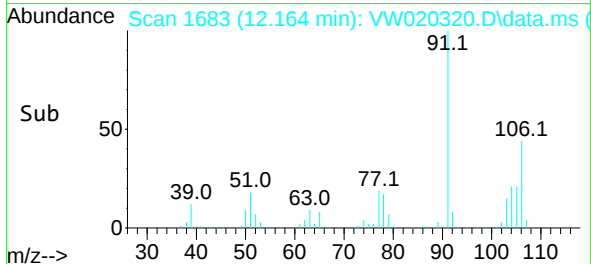
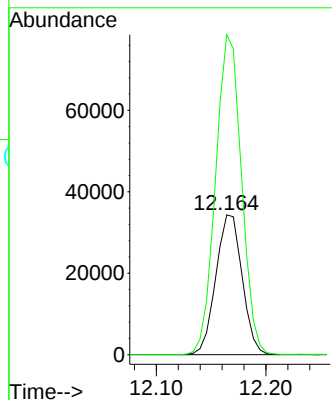
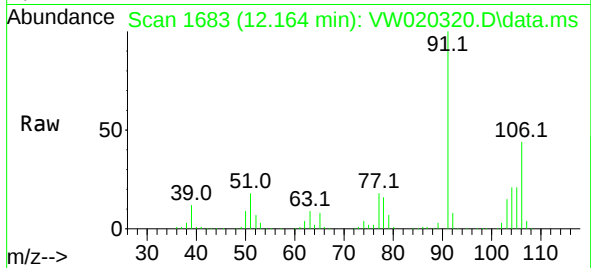
#54
o-Xylene
Concen: 18.147 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:106 Resp: 57356
Ion Ratio Lower Upper
106 100
91 228.9 156.1 289.9

Instrument :
MSVOA_W
ClientSampled :
EW918MSD

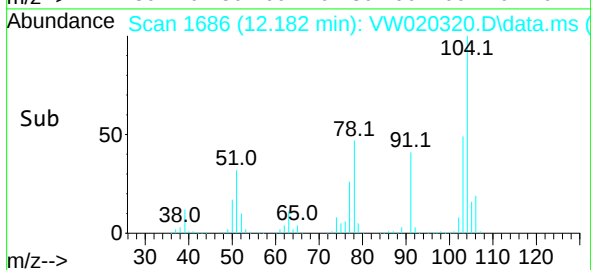
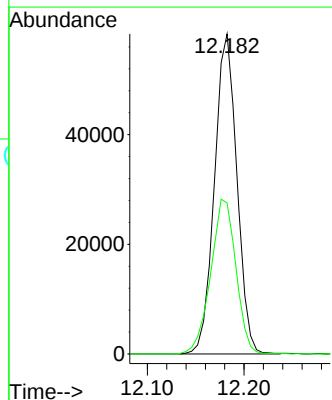
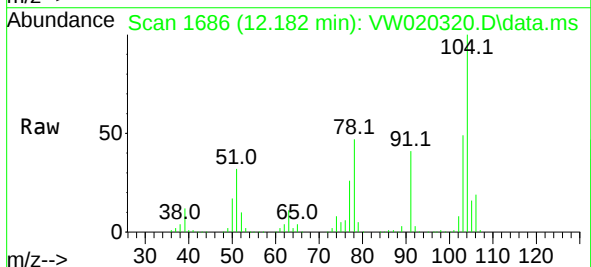
Manual Integrations
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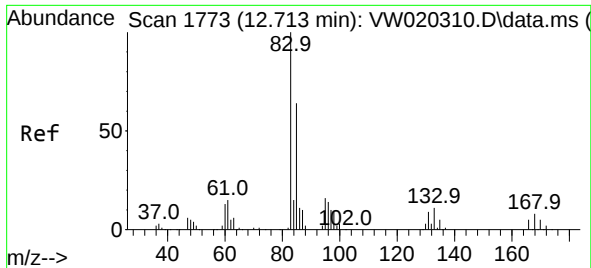
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#55
Styrene
Concen: 17.258 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:104 Resp: 93878
Ion Ratio Lower Upper
104 100
78 47.2 33.2 61.7





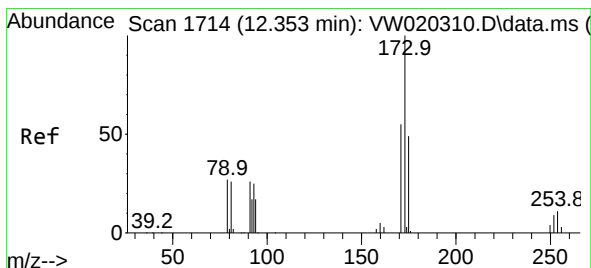
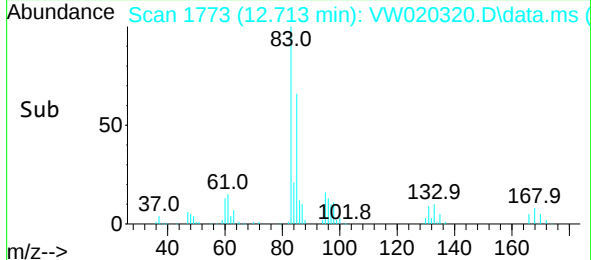
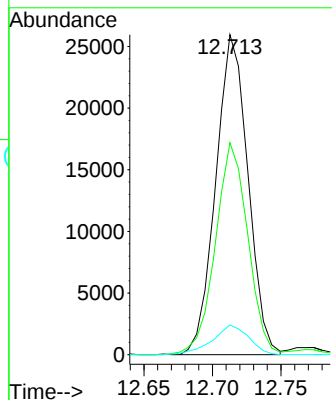
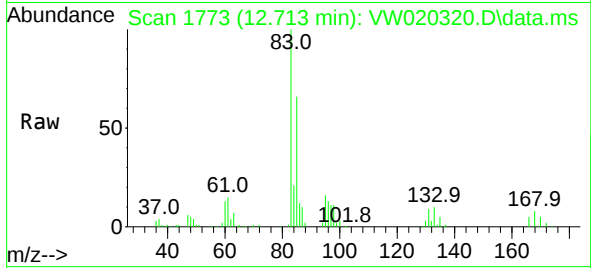
#57
1,1,2,2-Tetrachloroethane
Concen: 27.226 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:	83	Resp:	42450
Ion Ratio	Lower	Upper	
83	100		
85	66.3	45.9	85.3
131	9.3	7.4	11.2

Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

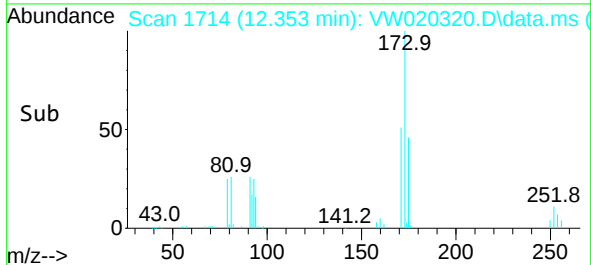
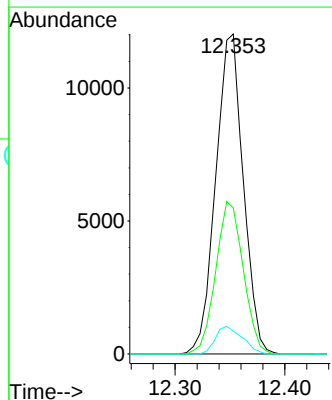
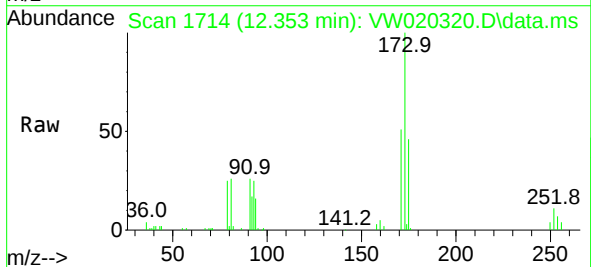
Manual Integrations
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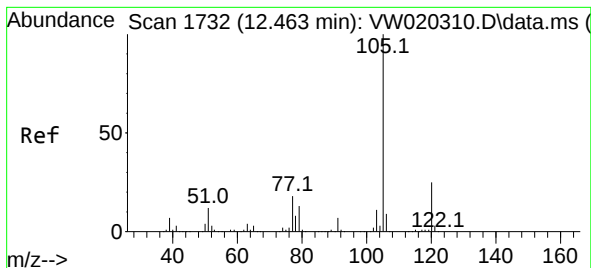
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#59
Bromoform
Concen: 53.477 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:	173	Resp:	21000
Ion Ratio	Lower	Upper	
173	100		
175	47.5	38.6	57.8
254	8.4	7.3	10.9





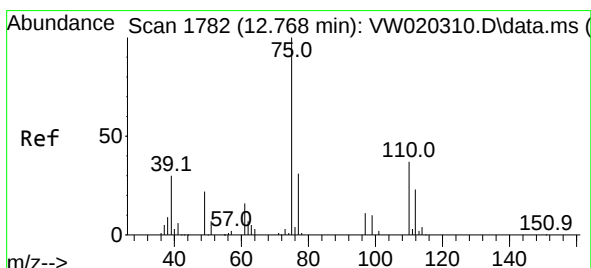
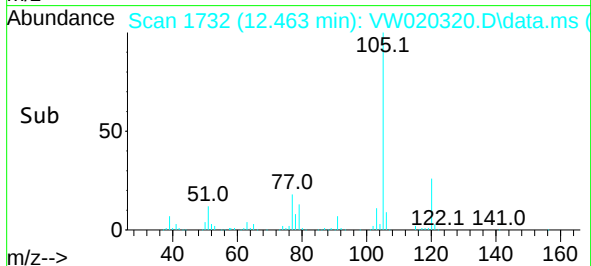
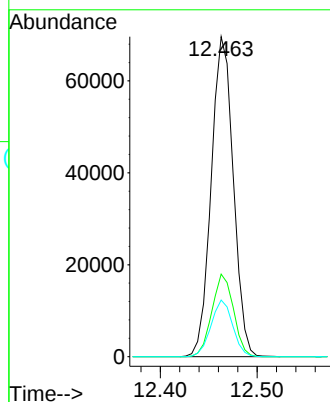
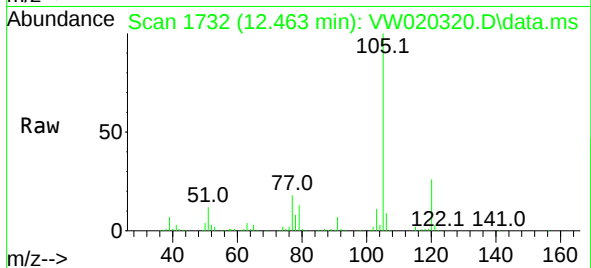
#60
Isopropylbenzene
Concen: 25.280 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion: 105 Resp: 110304
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.4 13.8 20.6

Instrument :
MSVOA_W
ClientSampleId :
EW918MSD

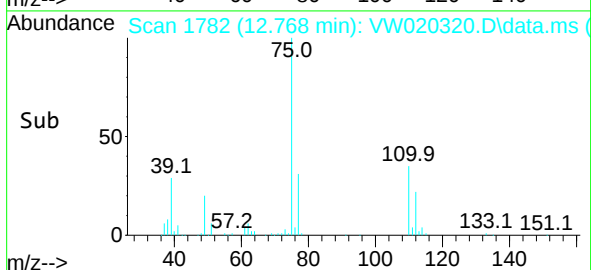
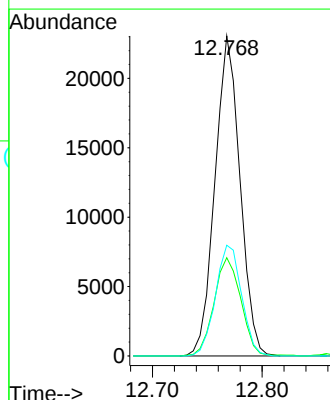
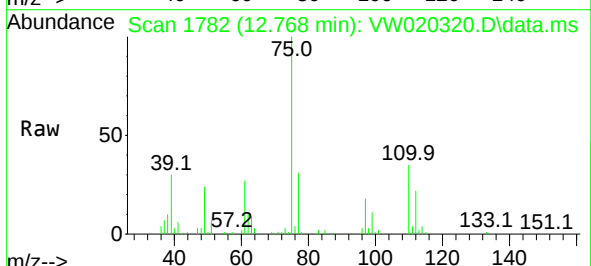
Manual Integrations
APPROVED

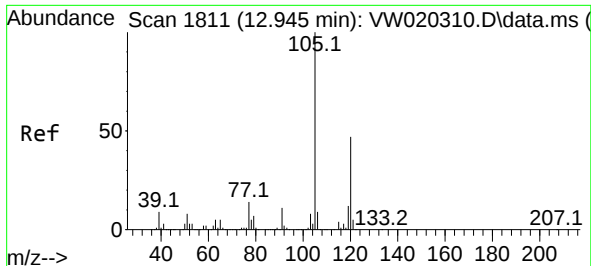
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#61
1,2,3-Trichloropropane
Concen: 62.839 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

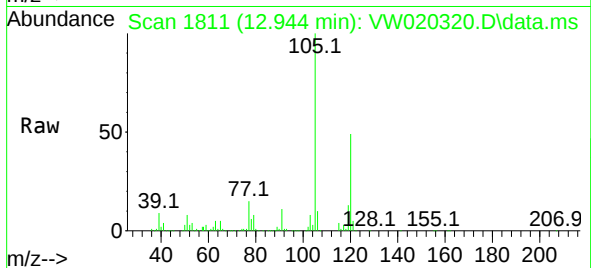
Tgt Ion: 75 Resp: 36608
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7
110 36.1 29.4 44.0





#62
1,3,5-Trimethylbenzene
Concen: 21.892 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

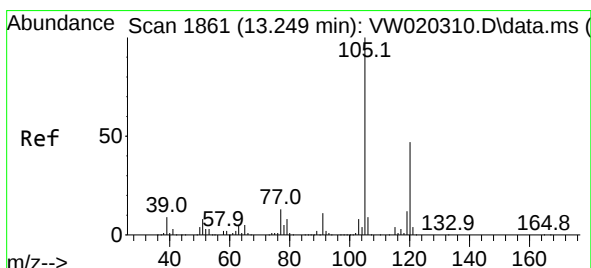
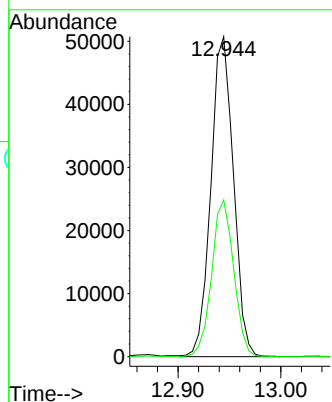
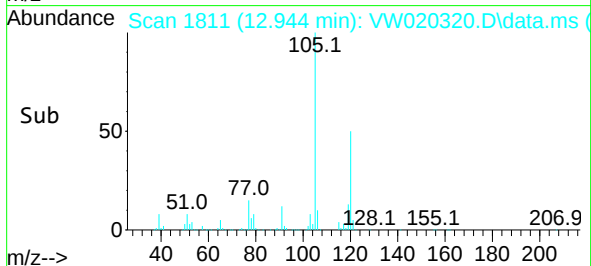
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



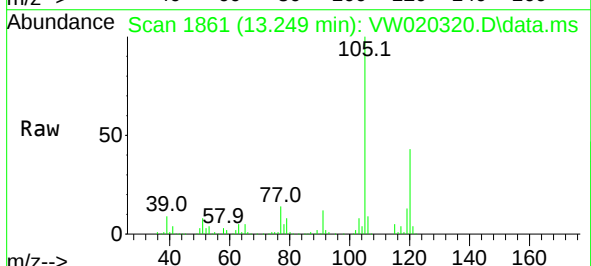
Tgt Ion:105 Resp: 77286
Ion Ratio Lower Upper
105 100
120 47.9 37.9 56.9

Manual Integrations
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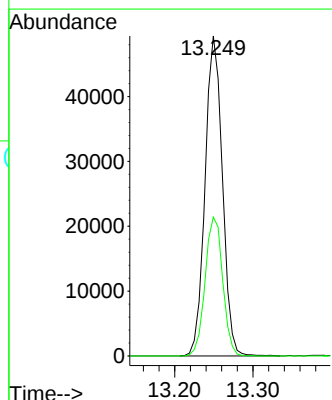
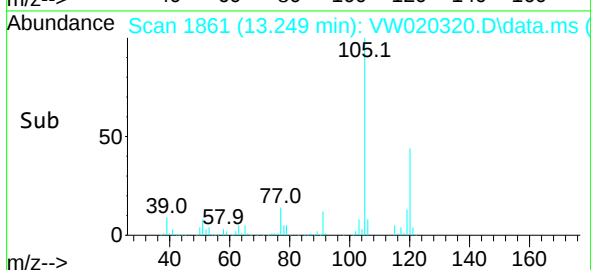
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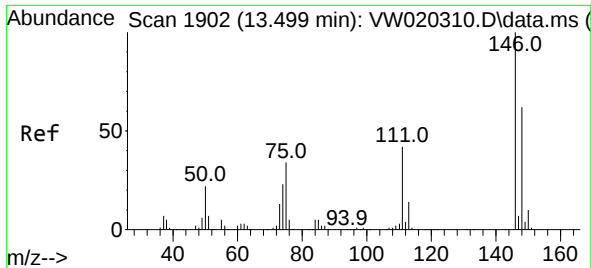


#63
1,2,4-Trimethylbenzene
Concen: 21.475 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



Tgt Ion:105 Resp: 75766
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2





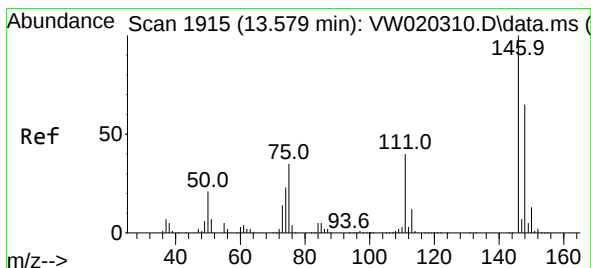
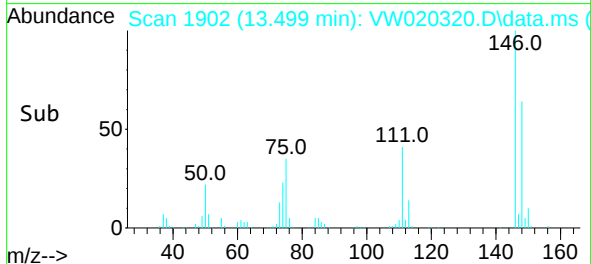
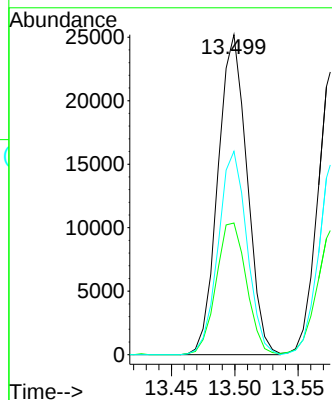
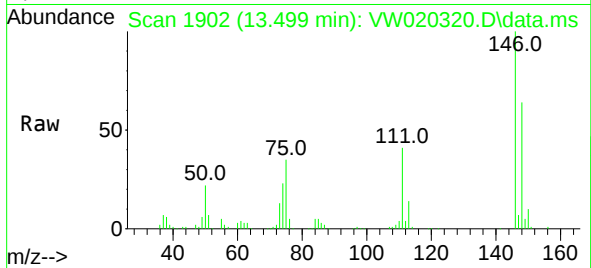
#64
1,3-Dichlorobenzene
Concen: 21.969 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:146 Resp: 40321
Ion Ratio Lower Upper
146 100
111 41.1 29.0 53.8
148 63.5 42.4 78.6

Instrument :
MSVOA_W
ClientSampled :
EW918MSD

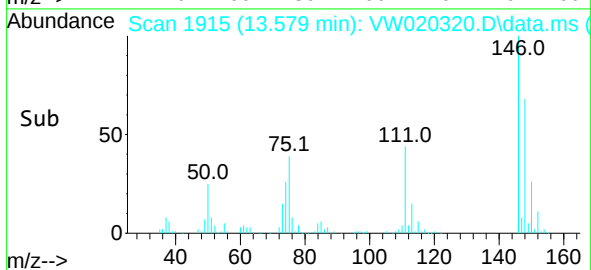
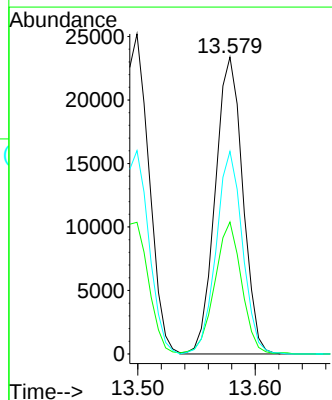
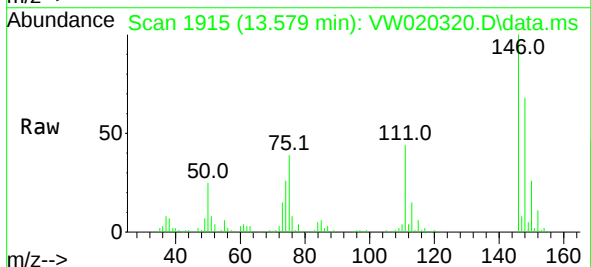
Manual Integrations
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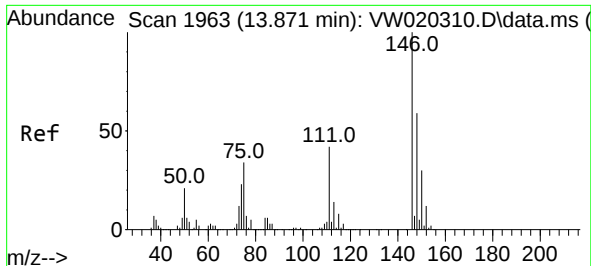
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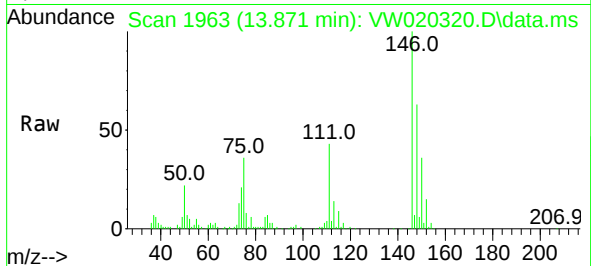
#65
1,4-Dichlorobenzene
Concen: 20.541 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

Tgt Ion:146 Resp: 38056
Ion Ratio Lower Upper
146 100
111 44.4 30.9 57.5
148 68.2 46.1 85.7

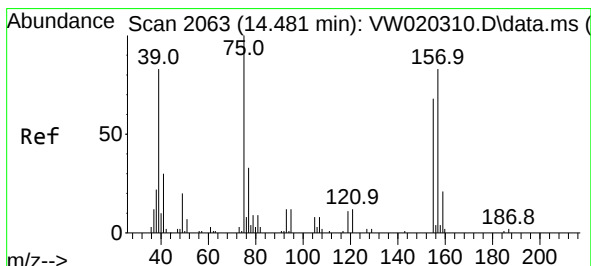
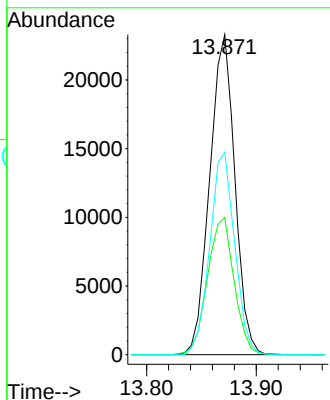
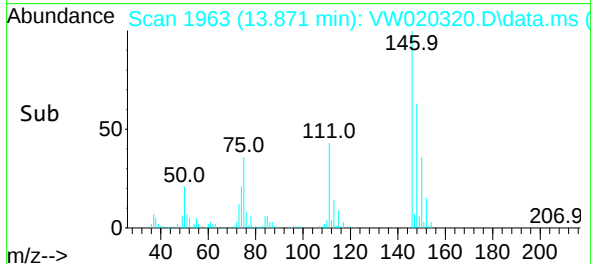




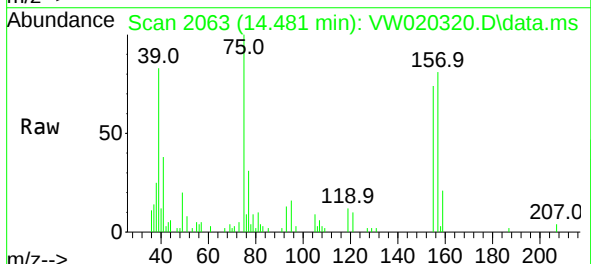
#67
1,2-Dichlorobenzene
Concen: 22.724 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



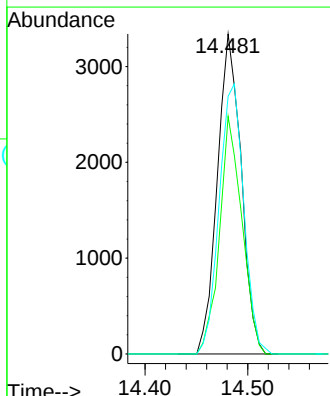
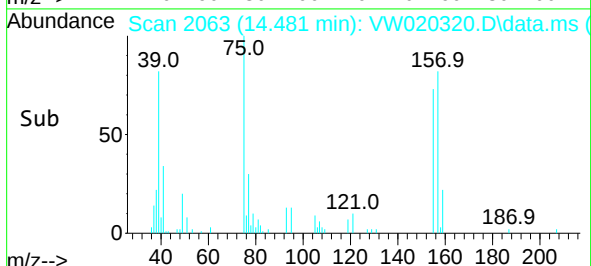
Tgt Ion:146 Resp: 37185
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 43.309 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



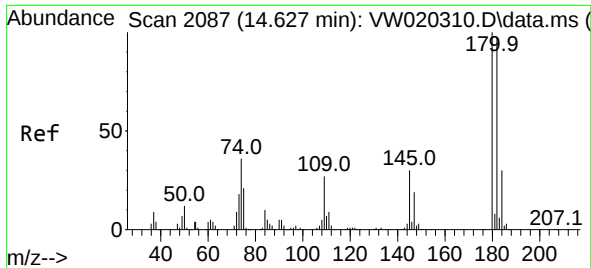
Tgt Ion: 75 Resp: 5355
Ion Ratio Lower Upper
75 100
155 74.3 51.4 77.0
157 80.5 70.8 106.2



Instrument :
MSVOA_W
ClientSampled :
EW918MSD

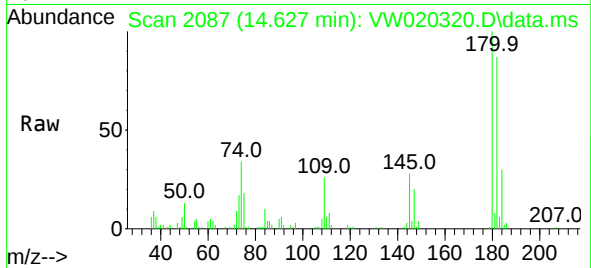
Manual Integrations
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#69
1,3,5-Trichlorobenzene
Concen: 10.777 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

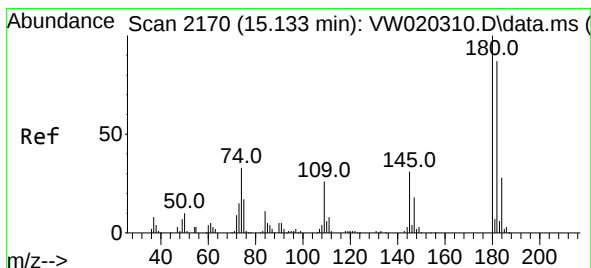
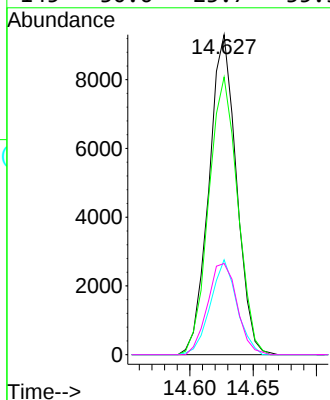
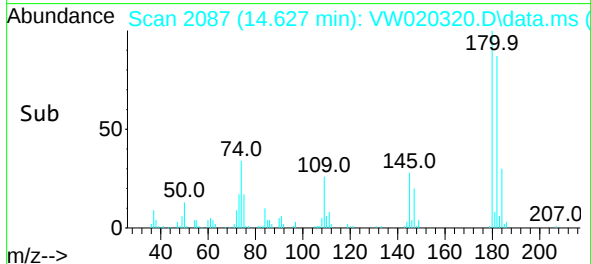
Instrument :
MSVOA_W
ClientSampled :
EW918MSD



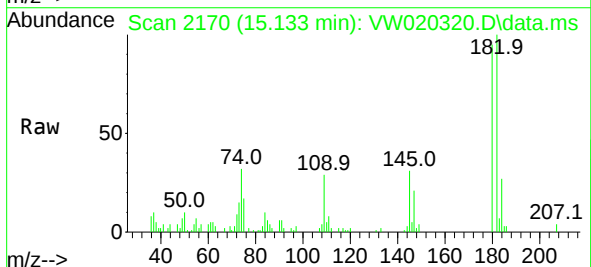
Tgt Ion:180	Resp:	14051
Ion Ratio	Lower	Upper
180	100	
182	91.0	73.4 110.0
184	28.5	24.2 36.4
145	30.6	23.7 35.5

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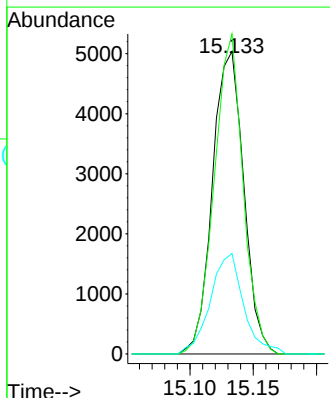
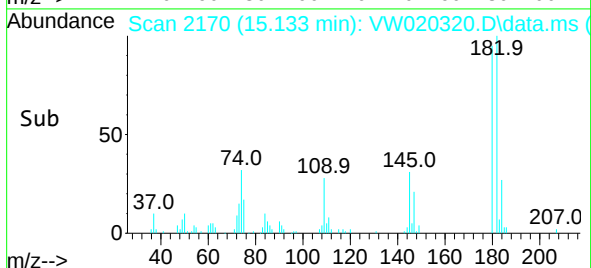
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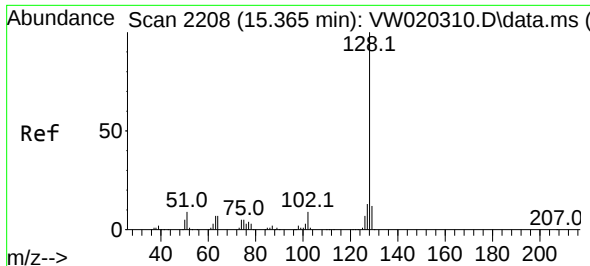


#70
1,2,4-trichlorobenzene
Concen: 8.515 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



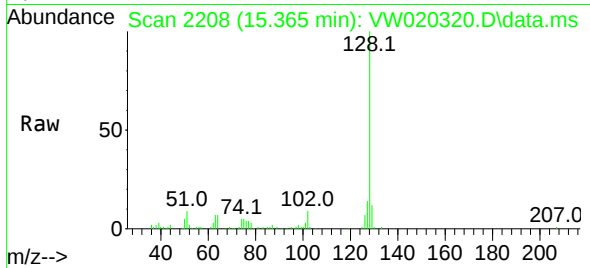
Tgt Ion:180	Resp:	8659
Ion Ratio	Lower	Upper
180	100	
182	97.4	75.8 113.8
145	35.4	24.8 37.2





#71
Naphthalene
Concen: 17.670 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36

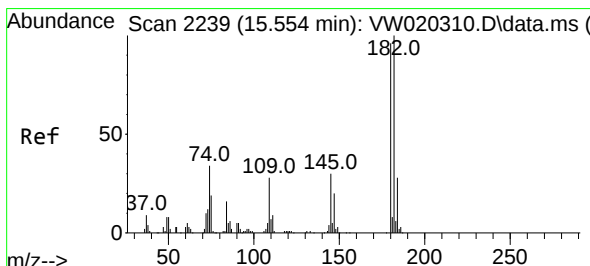
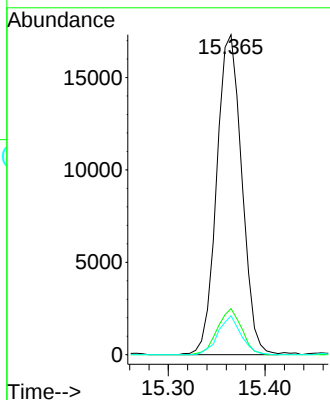
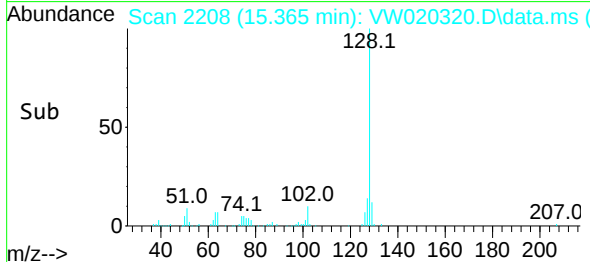
Instrument :
MSVOA_W
ClientSampleId :
EW918MSD



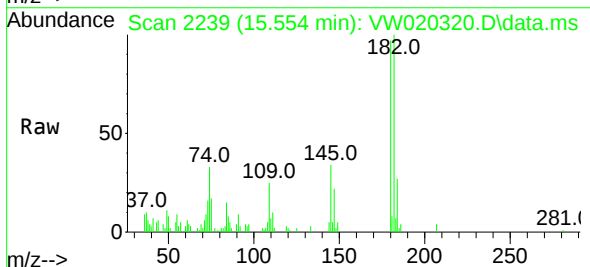
Tgt Ion:128 Resp: 31300
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 8.587 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020320.D
Acq: 06 Oct 2021 16:36



Tgt Ion:180 Resp: 7627
Ion Ratio Lower Upper
180 100
182 101.8 74.8 112.2
145 39.5 26.2 39.4#

