

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
 Data File : VW020071.D
 Acq On : 20 Sep 2021 09:50
 Operator : SY/VA
 Sample : MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:00:01 PM

Quant Time: Sep 21 02:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 21 01:31:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	315979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	144893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	125910	24.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
7) Chloroethane-d5	2.897	69	101081	22.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.480%
11) 1,1-Dichloroethene-d2	4.025	63	158636	18.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.760%
21) 2-Butanone-d5	7.086	46	50733	35.723	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.440%
24) Chloroform-d	7.659	84	229404	26.414	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.311	65	131986	25.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	8.281	84	430325	24.961	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.280	67	131276	25.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.680%
41) Toluene-d8	10.329	98	390583	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.579	79	54040	22.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.880%
47) 2-Hexanone-d5	10.926	63	36554	34.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.980%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	107011	21.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	131970	26.726	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	2963	0.907	ug/L	96
3) Chloromethane	2.221	50	4945	1.124	ug/L	87
5) Vinyl chloride	2.373	62	7622	1.107	ug/L #	62
6) Bromomethane	2.788	94	4576	0.948	ug/L	95
8) Chloroethane	2.940	64	4491	1.069	ug/L	95
9) Trichlorofluoromethane	3.275	101	4166	1.037	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	6659m	1.474	ug/L	
12) 1,1-Dichloroethene	4.050	96	5803	1.357	ug/L #	1
14) Carbon disulfide	4.397	76	13937	0.998	ug/L	95
15) Methyl Acetate	4.690	43	2091m	0.889	ug/L	
16) Methylene chloride	4.921	84	12276	2.210	ug/L	88
17) trans-1,2-Dichloroethene	5.440	96	4786	1.062	ug/L	82
18) Methyl tert-butyl Ether	5.446	73	5617	0.998	ug/L #	80
19) 1,1-Dichloroethane	6.226	63	9527	1.182	ug/L #	86
20) cis-1,2-Dichloroethene	7.171	96	5005m	1.076	ug/L	
23) Bromochloromethane	7.525	128	2488	1.155	ug/L	91
25) Chloroform	7.683	83	11235	1.327	ug/L	99
27) 1,2-Dichloroethane	8.409	62	6872	1.160	ug/L #	93
29) Cyclohexane	7.957	56	5531	0.777	ug/L	99

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) 1,1,1-Trichloroethane	7.878	97	8482	1.145	ug/L	100
31) Carbon tetrachloride	8.073	117	7772	1.125	ug/L	95
33) Benzene	8.329	78	20559	1.081	ug/L	100
34) Trichloroethene	9.098	95	5261	1.045	ug/L	92
35) Methylcyclohexane	9.341	83	7640	0.900	ug/L	93
37) 1,2-Dichloropropane	9.372	63	5012	1.088	ug/L	99
38) Bromodichloromethane	9.646	83	6903	1.111	ug/L	96
39) cis-1,3-Dichloropropene	10.079	75	7014	1.009	ug/L	94
42) Toluene	10.390	91	27323	1.346	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	3843	1.044	ug/L	94
46) Tetrachloroethene	10.866	164	4310	1.106	ug/L	94
48) 2-Hexanone	10.969	43	3892	1.653	ug/L	94
49) Dibromochloromethane	11.134	129	4312	1.019	ug/L	98
50) 1,2-Dibromoethane	11.237	107	3525	0.973	ug/L	92
51) Chlorobenzene	11.658	112	14352	1.091	ug/L	93
52) Ethylbenzene	11.731	91	20748	0.936	ug/L	99
53) m,p-Xylene	11.841	106	7232	0.858	ug/L	99
54) o-Xylene	12.170	106	6359	0.799	ug/L	93
55) Styrene	12.182	104	10234	0.748	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	5288	1.096	ug/L #	89
59) Bromoform	12.353	173	2223	1.014	ug/L	98
60) Isopropylbenzene	12.463	105	16290	0.848	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	3341	0.986	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	13166	0.842	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	13058	0.851	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	9480	1.073	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	10439	1.159	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	9705	1.205	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	6603	1.080	ug/L	92
70) 1,2,4-trichlorobenzene	15.133	180	4881	1.020	ug/L	95
71) Naphthalene	15.359	128	7556	0.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	4367	0.972	ug/L	99

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

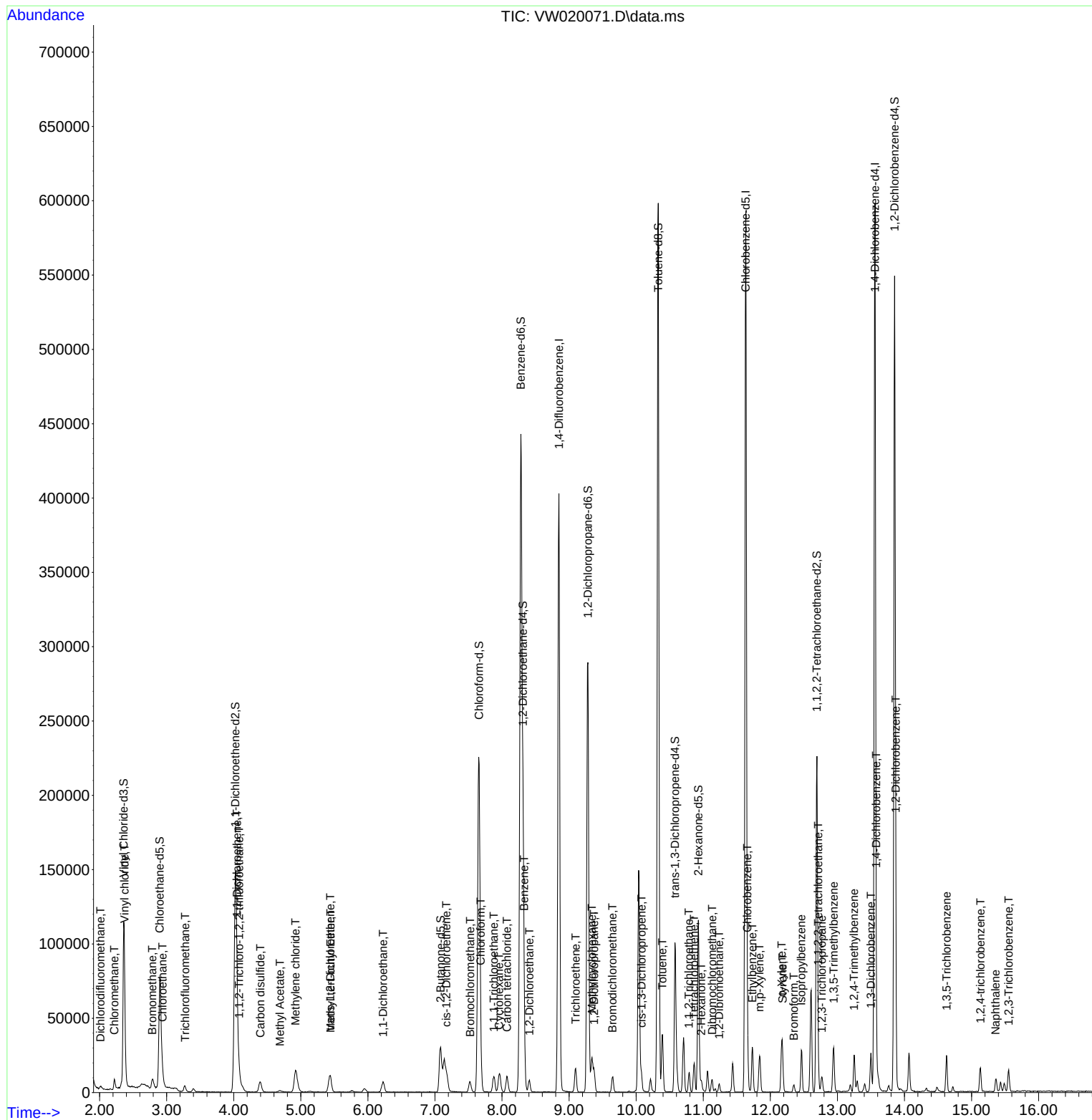
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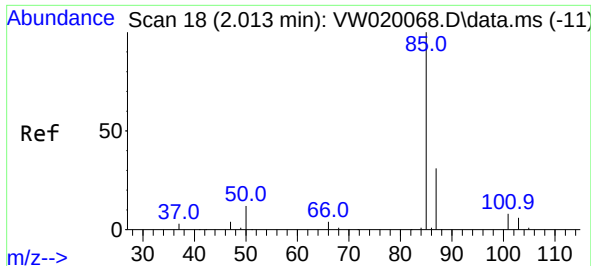
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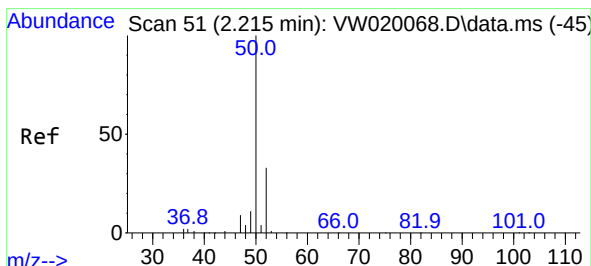
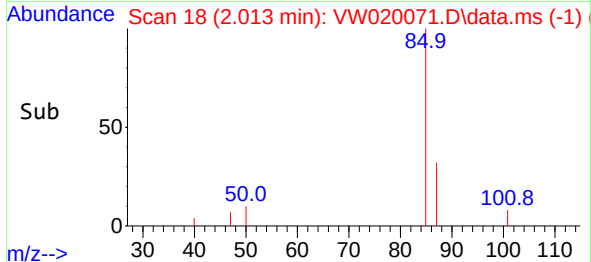
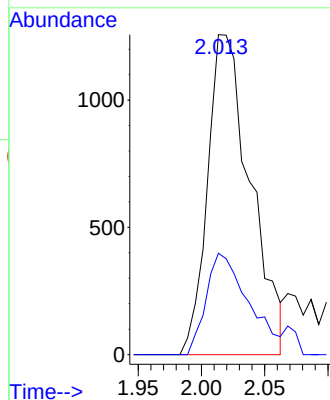
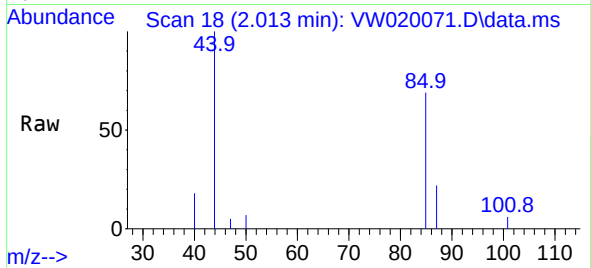
#2
Dichlorodifluoromethane
Concen: 0.907 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 85 Resp: 2963
Ion Ratio Lower Upper
85 100
87 31.4 23.3 34.9

Instrument :
MSVOA_W
ClientSampled :
MDL

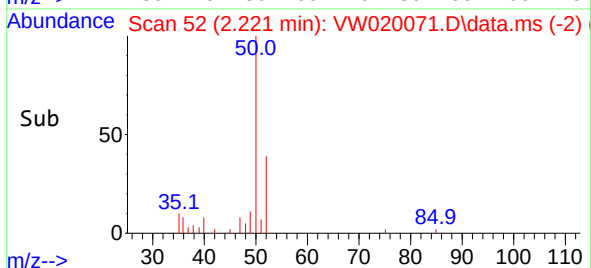
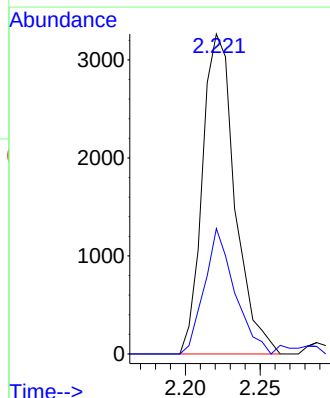
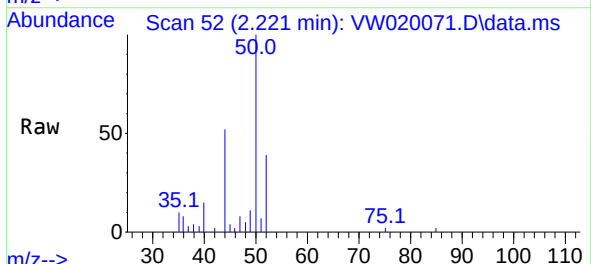
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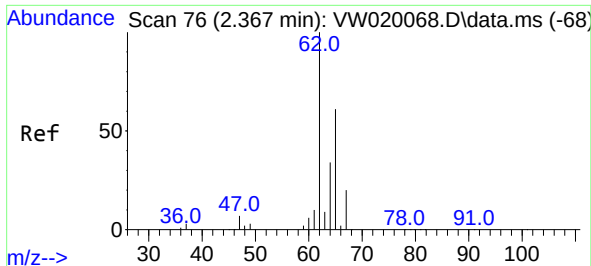
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#3
Chloromethane
Concen: 1.124 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 50 Resp: 4945
Ion Ratio Lower Upper
50 100
52 39.2 22.5 41.9





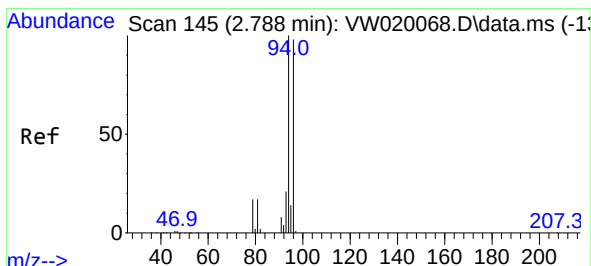
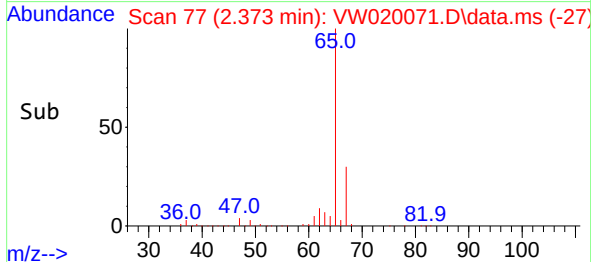
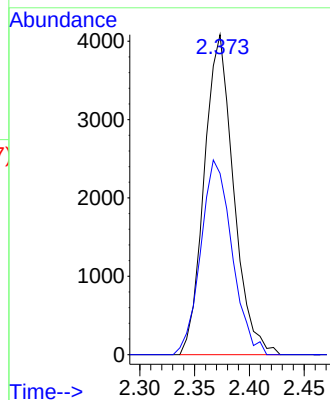
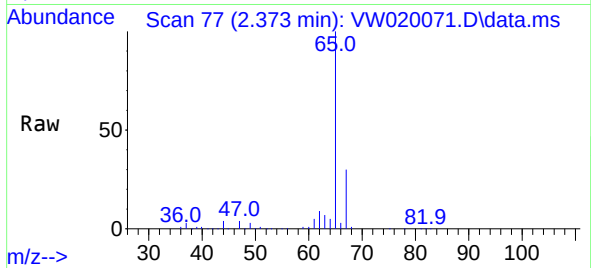
#5
Vinyl chloride
Concen: 1.107 ug/L
RT: 2.373 min Scan# 77
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 62 Resp: 7622
Ion Ratio Lower Upper
62 100
64 56.6 24.2 45.0#

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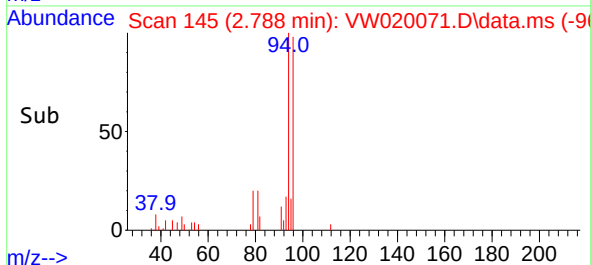
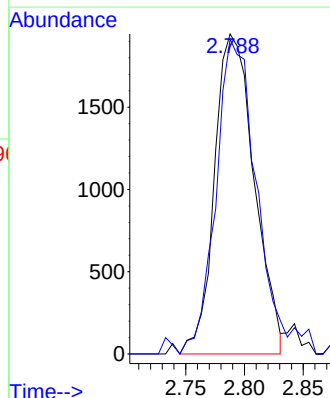
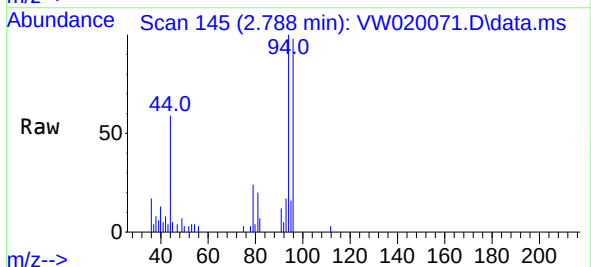
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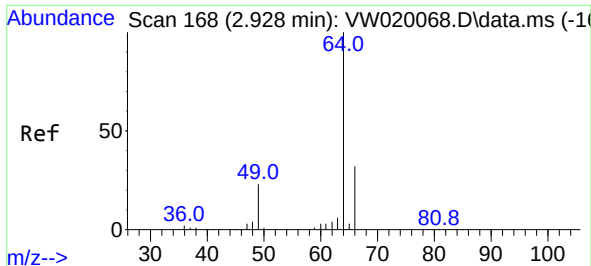
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#6
Bromomethane
Concen: 0.948 ug/L
RT: 2.788 min Scan# 145
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 94 Resp: 4576
Ion Ratio Lower Upper
94 100
96 98.4 65.3 121.3





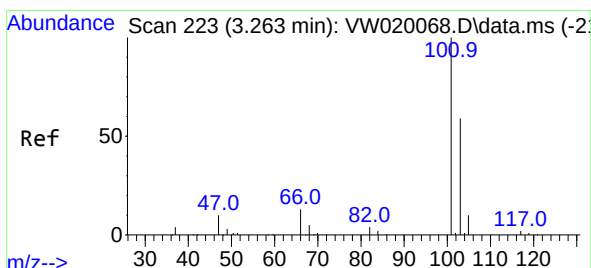
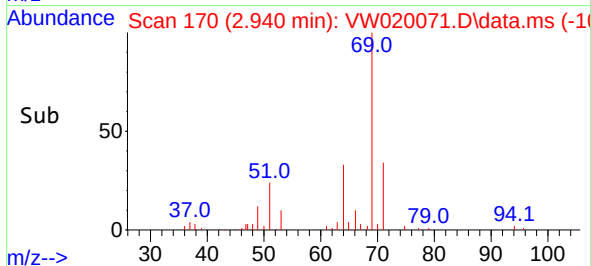
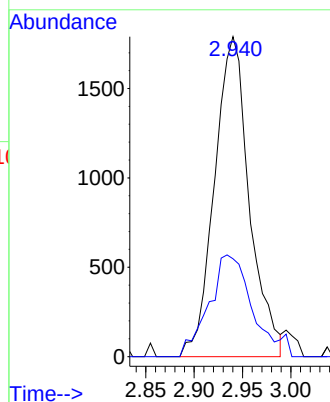
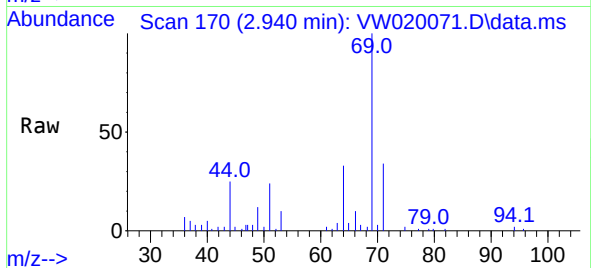
#8
Chloroethane
Concen: 1.069 ug/L
RT: 2.940 min Scan# 170
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 64 Resp: 4491
Ion Ratio Lower Upper
64 100
66 30.6 23.4 43.6

Instrument :
MSVOA_W
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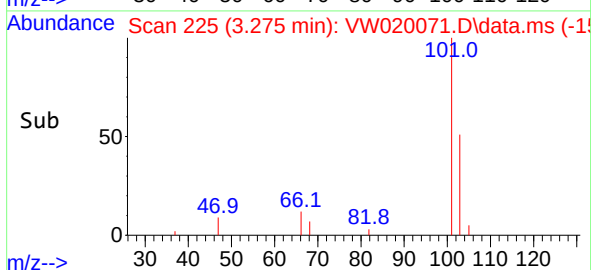
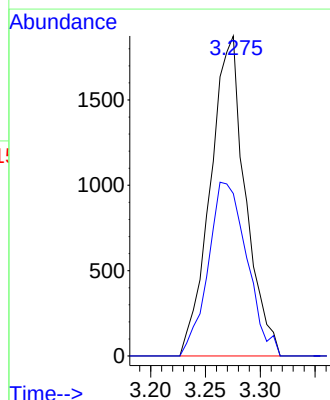
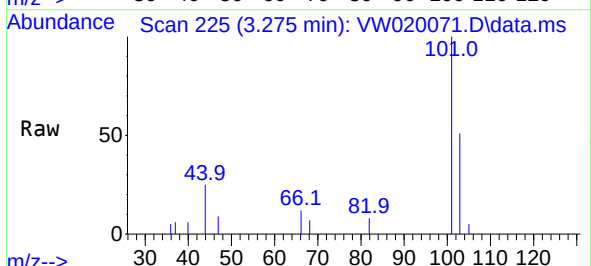
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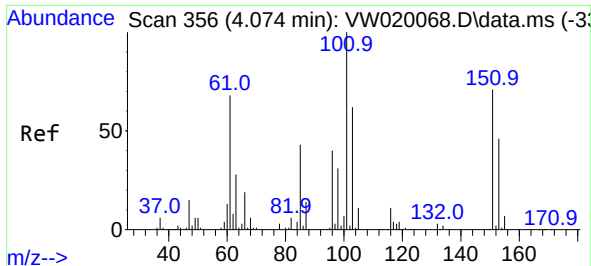
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#9
Trichlorofluoromethane
Concen: 1.037 ug/L
RT: 3.275 min Scan# 225
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 101 Resp: 4166
Ion Ratio Lower Upper
101 100
103 60.1 51.0 76.4





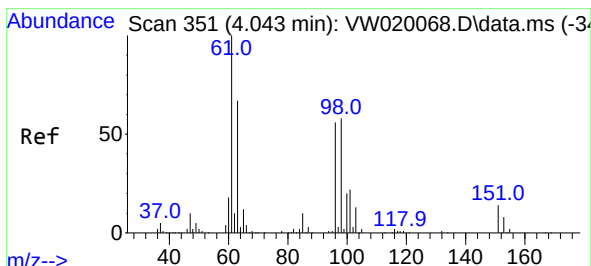
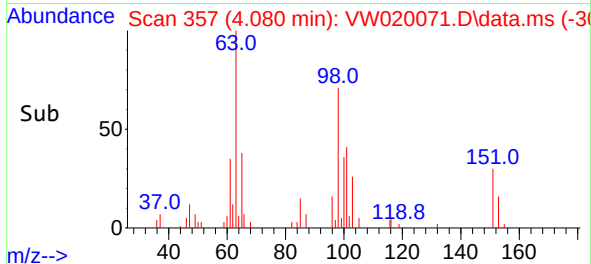
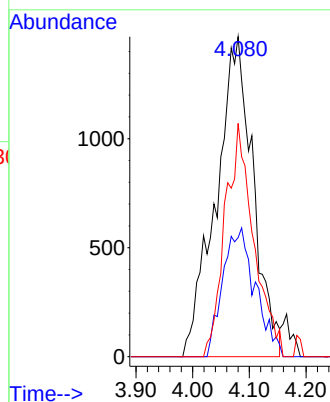
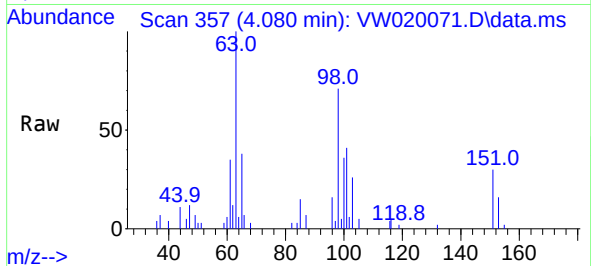
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.474 ug/L m
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion:101 Resp: 6659
Ion Ratio Lower Upper
101 100
85 3.0 38.2 57.2#
151 38.4 56.6 85.0#

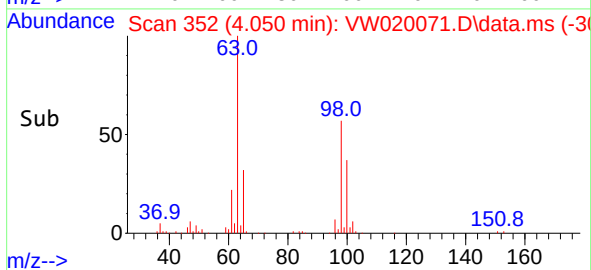
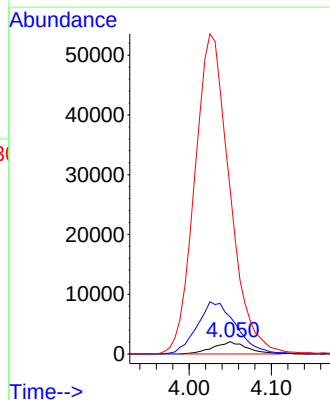
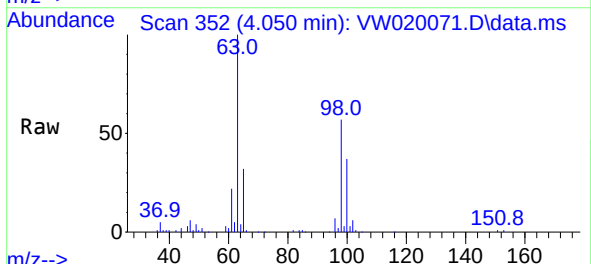
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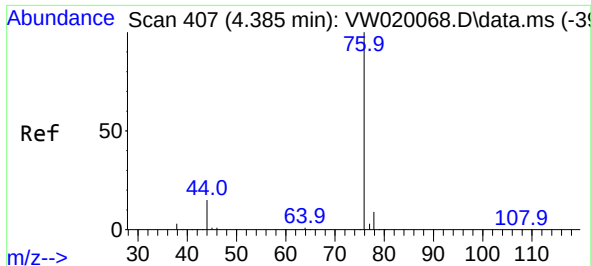
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#12
1,1-Dichloroethene
Concen: 1.357 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 96 Resp: 5803
Ion Ratio Lower Upper
96 100
61 300.8 118.1 219.3#
63 1338.9 83.7 155.5#





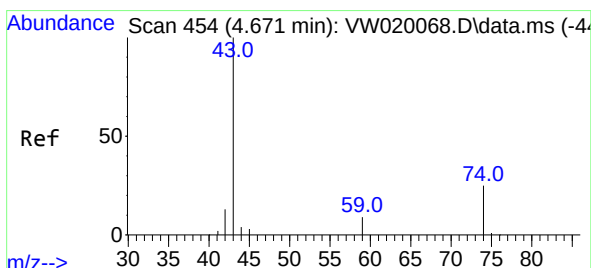
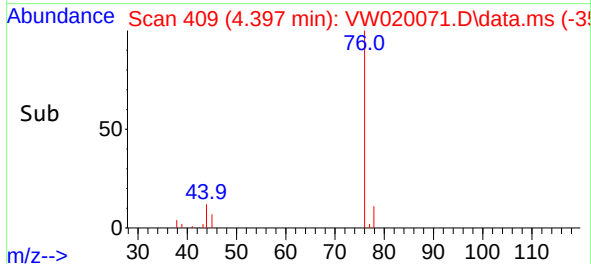
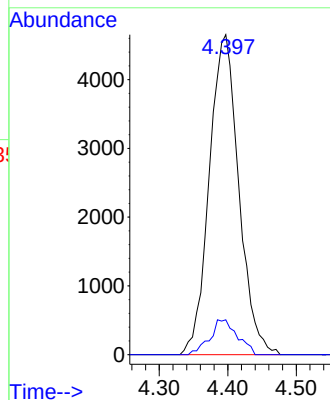
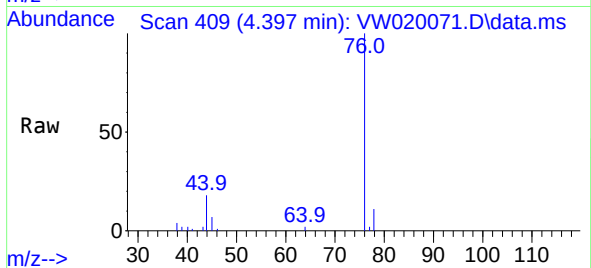
#14
Carbon disulfide
Concen: 0.998 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 76 Resp: 13937
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

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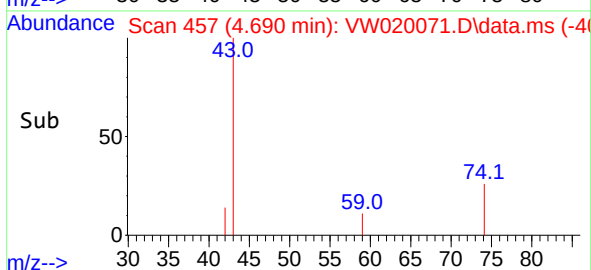
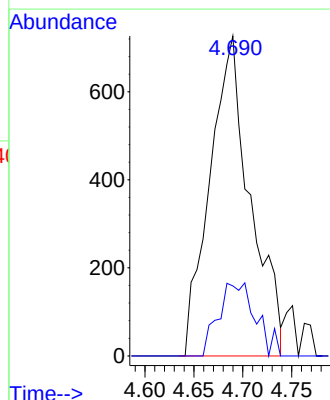
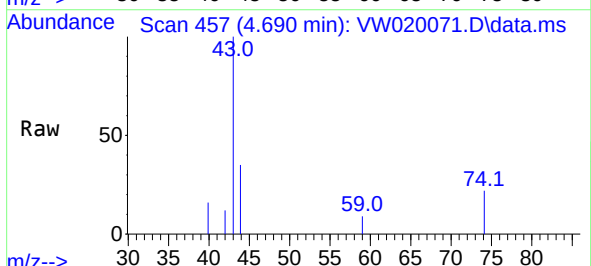
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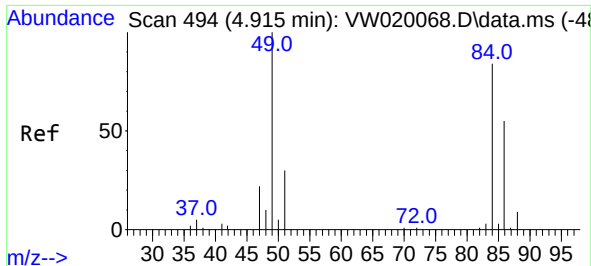
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#15
Methyl Acetate
Concen: 0.889 ug/L m
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
74 1.1 20.0 30.0#





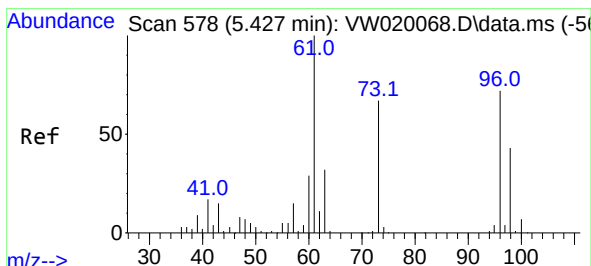
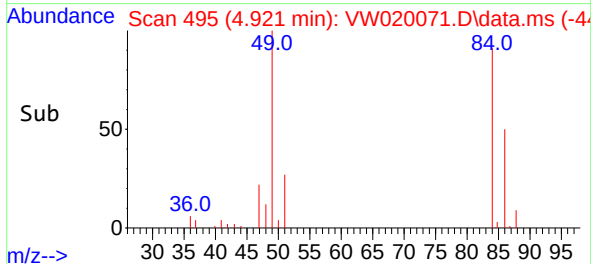
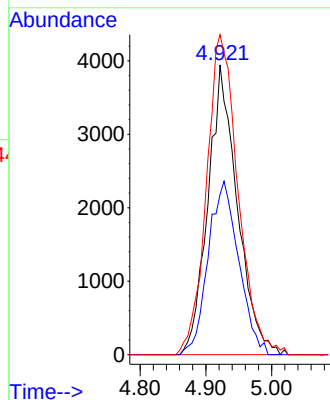
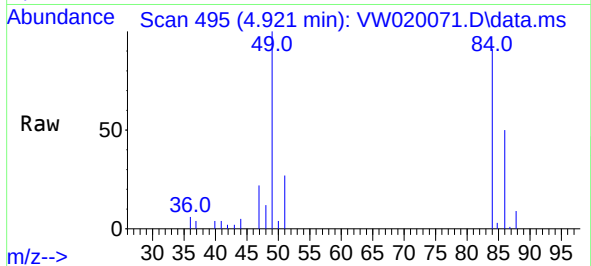
#16
Methylene chloride
Concen: 2.210 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion: 84 Resp: 12276
Ion Ratio Lower Upper
84 100
86 55.3 45.3 84.1
49 110.4 86.6 160.8

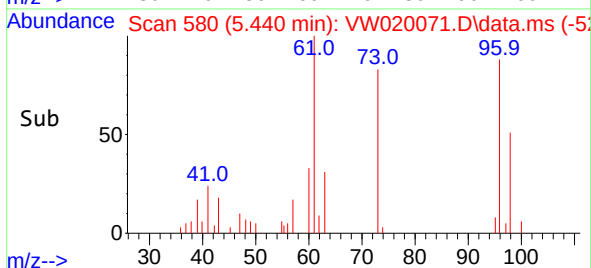
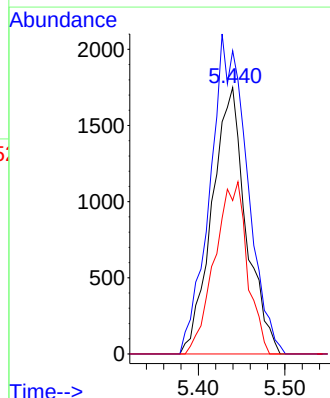
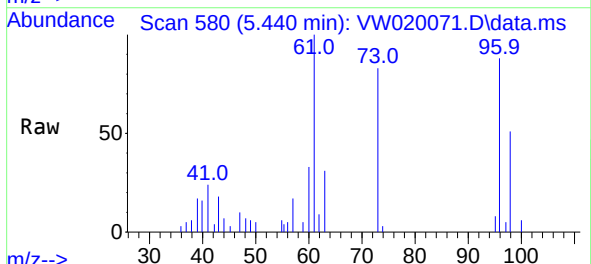
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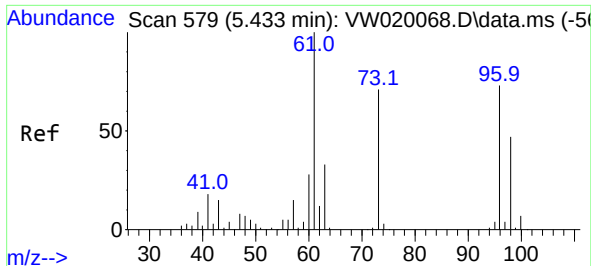
MMDadoda
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#17
trans-1,2-Dichloroethene
Concen: 1.062 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

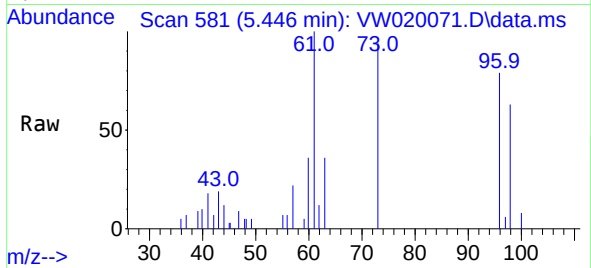
Tgt Ion: 96 Resp: 4786
Ion Ratio Lower Upper
96 100
61 113.8 98.3 182.7
98 57.6 46.1 85.7





#18
Methyl tert-butyl Ether
Concen: 0.998 ug/L
RT: 5.446 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
MDL

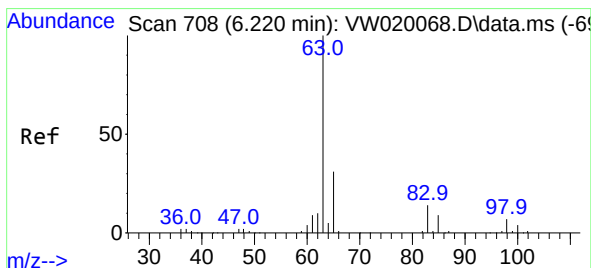
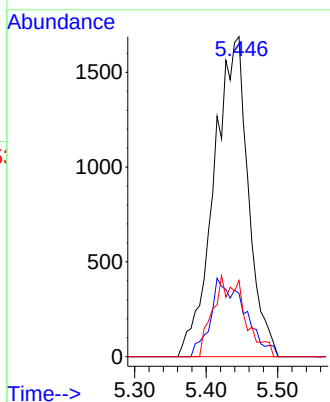


Tgt Ion: 73 Resp: 5617

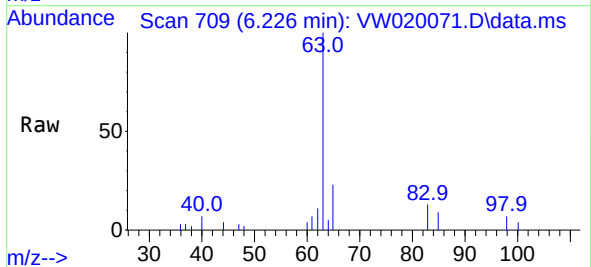
Ion	Ratio	Lower	Upper
73	100		
43	13.6	17.7	26.5#
57	10.4	17.0	25.4#

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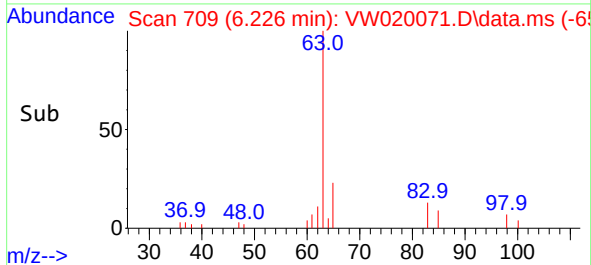
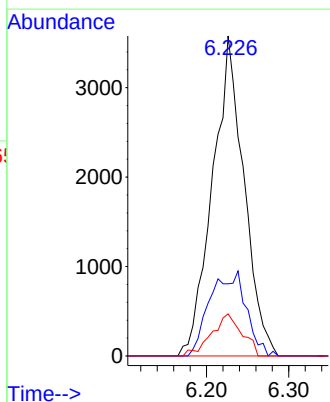


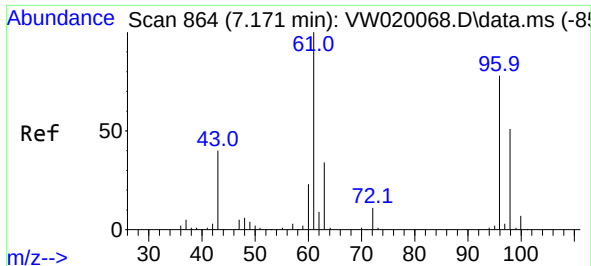
#19
1,1-Dichloroethane
Concen: 1.182 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion: 63 Resp: 9527

Ion	Ratio	Lower	Upper
63	100		
65	22.6	22.9	42.5#
83	13.2	10.2	19.0





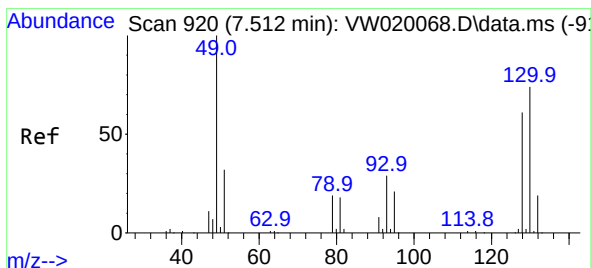
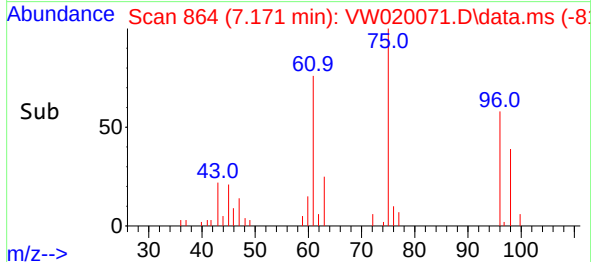
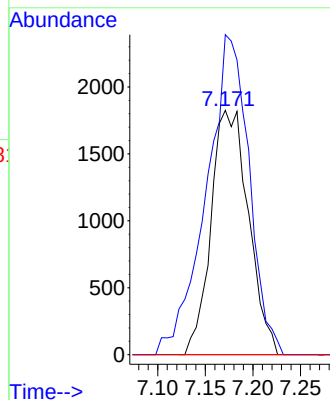
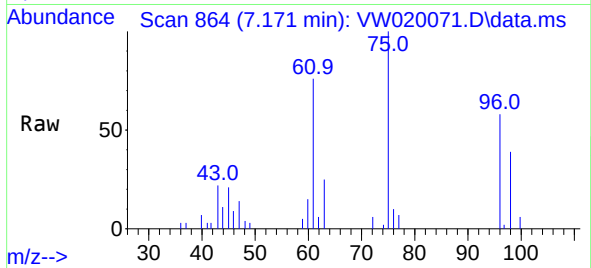
#20
cis-1,2-Dichloroethene
Concen: 1.076 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 96 Resp: 5005
Ion Ratio Lower Upper
96 100
61 131.0 88.5 164.3
68 0.0 0.0 0.0

Instrument :
MSVOA_W
ClientSampled :
MDL

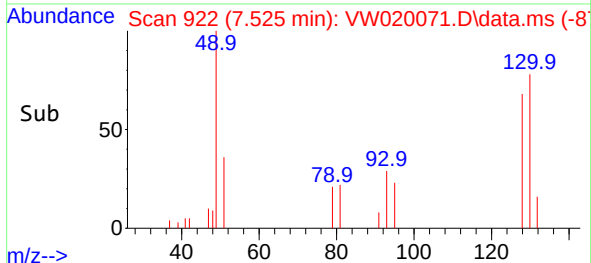
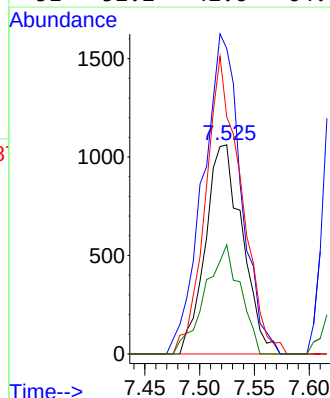
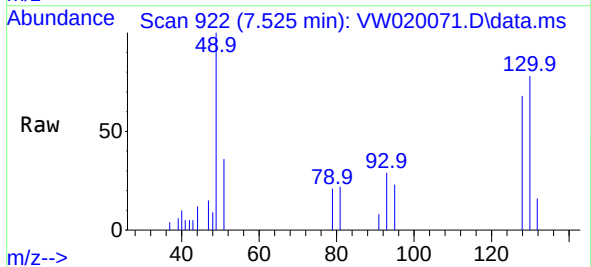
Manual Integrations
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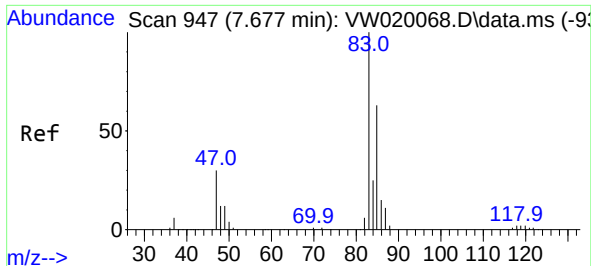
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#23
Bromochloromethane
Concen: 1.155 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.012 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 128 Resp: 2488
Ion Ratio Lower Upper
128 100
49 146.0 116.3 215.9
130 113.4 82.4 153.0
51 52.2 42.6 64.0





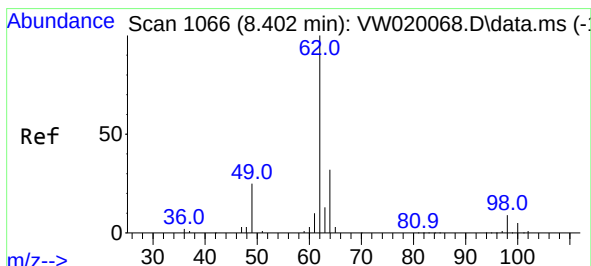
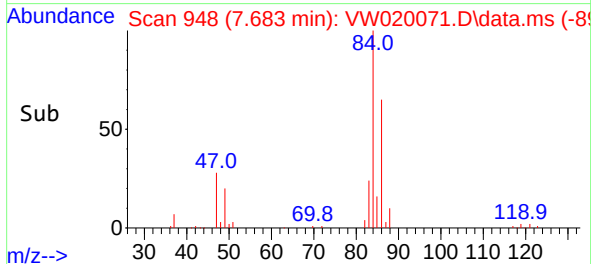
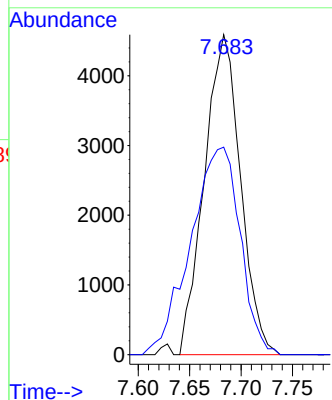
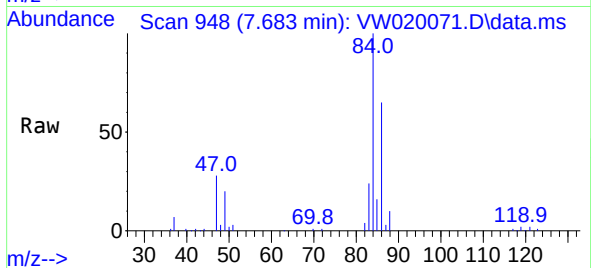
#25
Chloroform
Concen: 1.327 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 83 Resp: 11235
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8

Instrument :
MSVOA_W
ClientSampled :
MDL

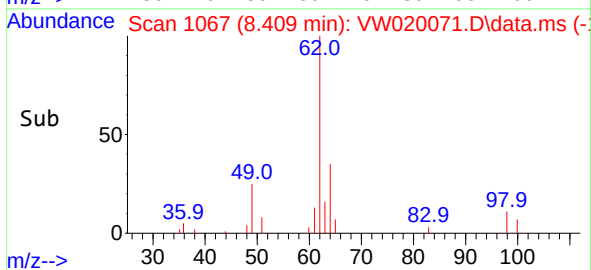
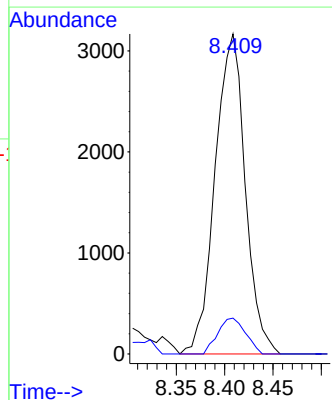
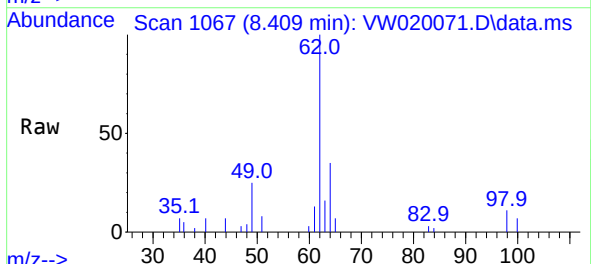
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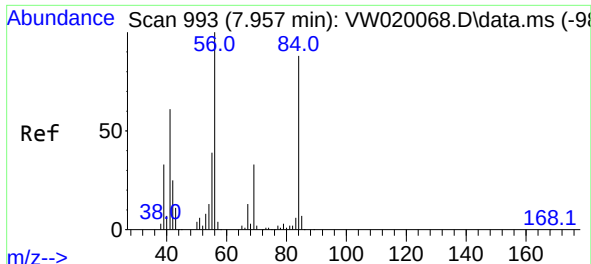
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#27
1,2-Dichloroethane
Concen: 1.160 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 62 Resp: 6872
Ion Ratio Lower Upper
62 100
98 11.2 6.9 10.3#





#29

Cyclohexane

Concen: 0.777 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW020071.D

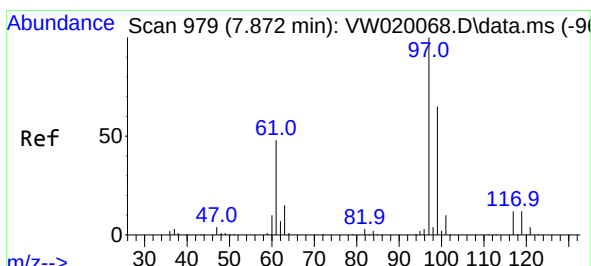
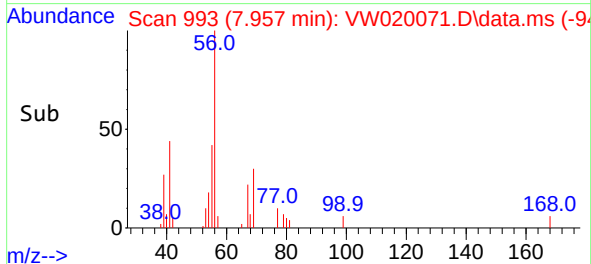
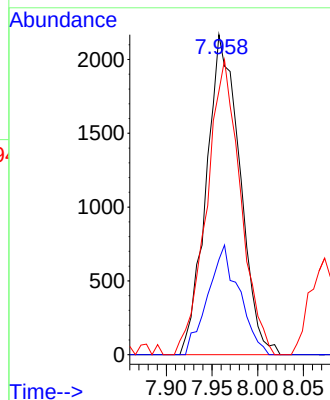
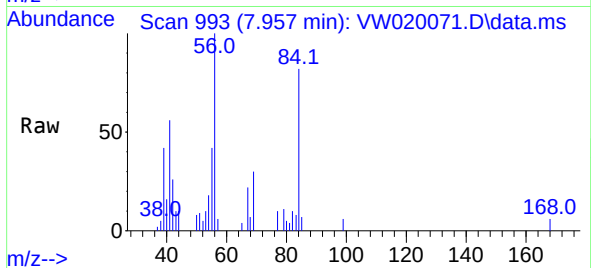
Acq: 20 Sep 2021 09:50

Tgt Ion:	56	Resp:	5531
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.5	36.7
84	92.9	75.0	112.4

Instrument :
MSVOA_W
ClientSampleId :
MDL

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#30

1,1,1-Trichloroethane

Concen: 1.145 ug/L

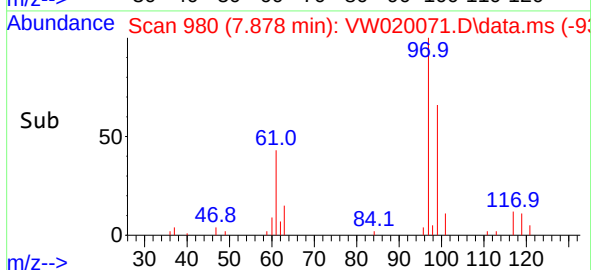
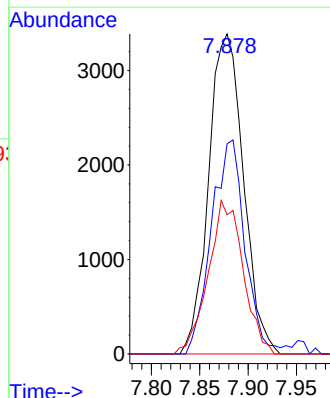
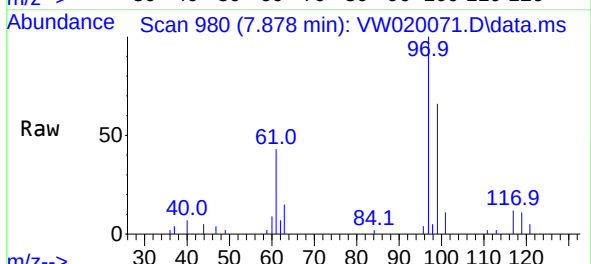
RT: 7.878 min Scan# 980

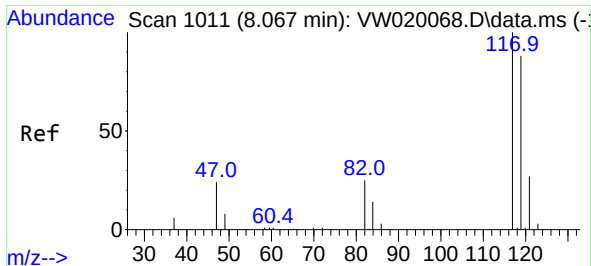
Delta R.T. 0.006 min

Lab File: VW020071.D

Acq: 20 Sep 2021 09:50

Tgt Ion:	97	Resp:	8482
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	47.9	37.8	56.6





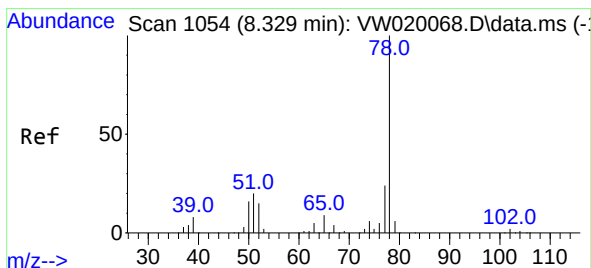
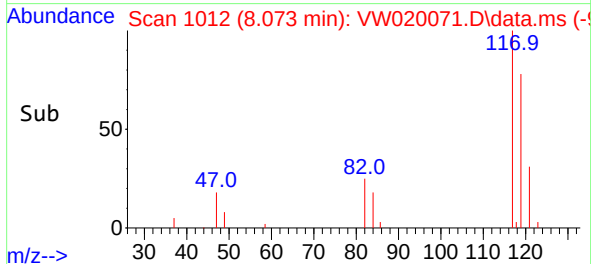
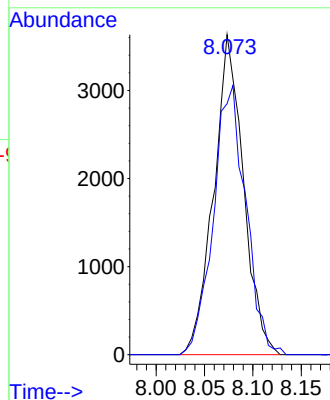
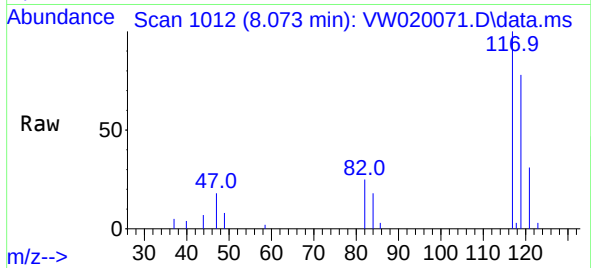
#31
Carbon tetrachloride
Concen: 1.125 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Instrument :
MSVOA_W
ClientSampled :
MDL

Tgt Ion:117 Resp: 7772
Ion Ratio Lower Upper
117 100
119 91.0 76.5 114.7

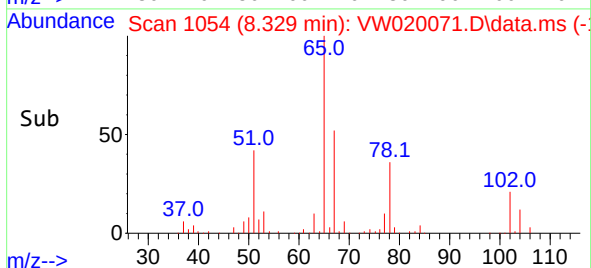
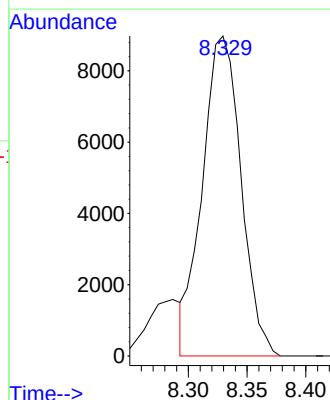
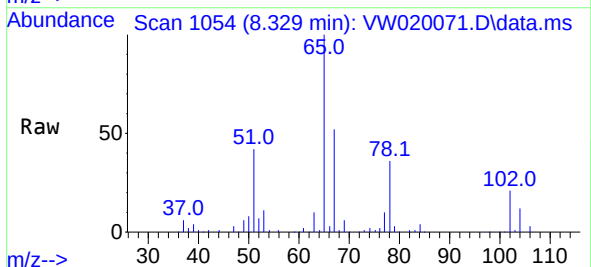
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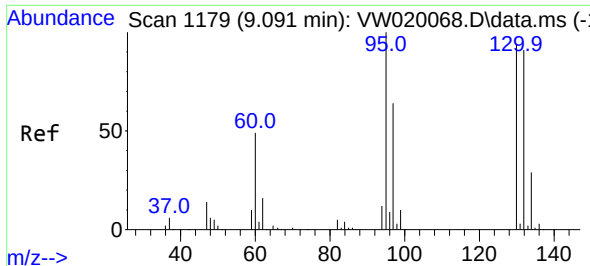
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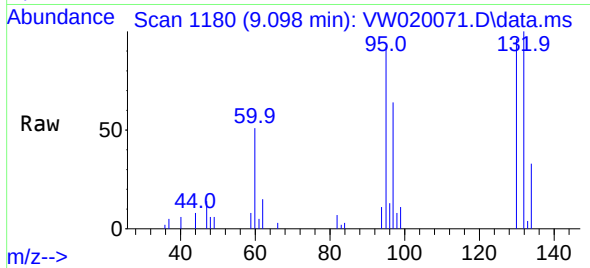
#33
Benzene
Concen: 1.081 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 78 Resp: 20559



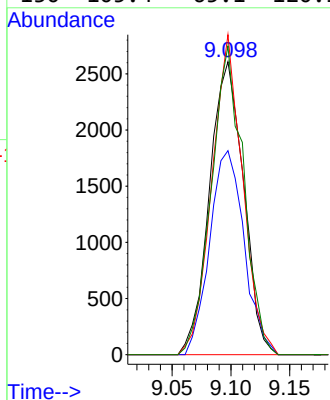


#34
Trichloroethene
Concen: 1.045 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion: 95 Resp: 5261

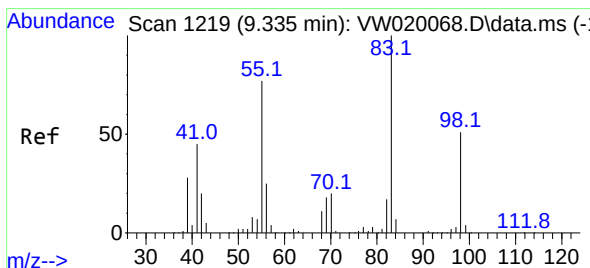
Ion	Ratio	Lower	Upper
95	100		
97	69.6	47.3	87.8
132	109.2	71.0	131.8
130	105.4	65.1	120.9



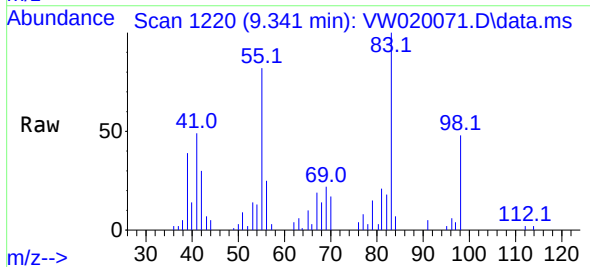
Instrument :
MSVOA_W
ClientSampled :
MDL

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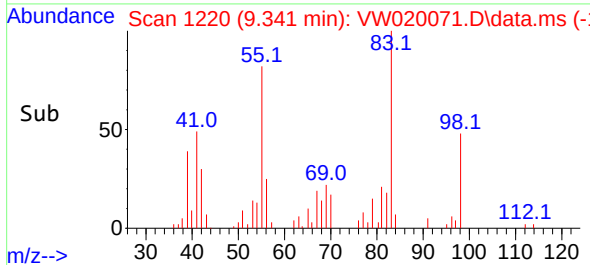
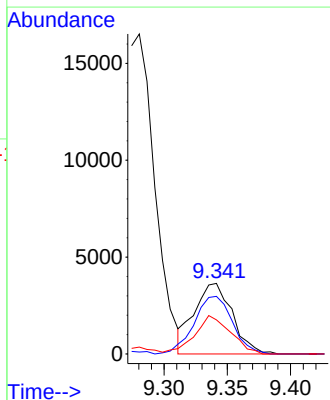


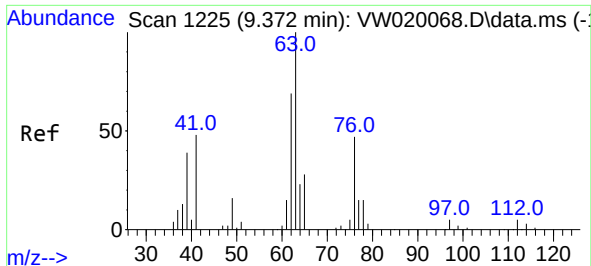
#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion: 83 Resp: 7640

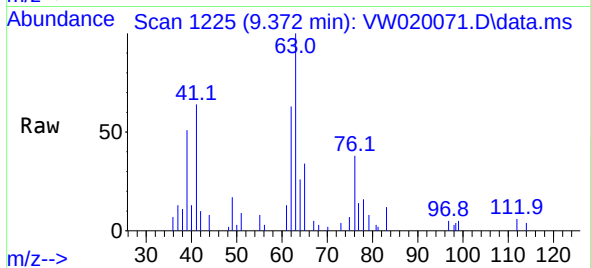
Ion	Ratio	Lower	Upper
83	100		
55	82.1	58.9	88.3
98	51.1	40.1	60.1





#37
1,2-Dichloropropane
Concen: 1.088 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

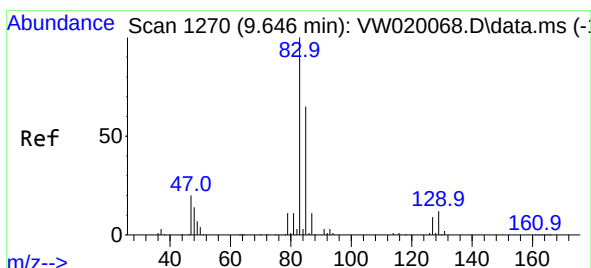
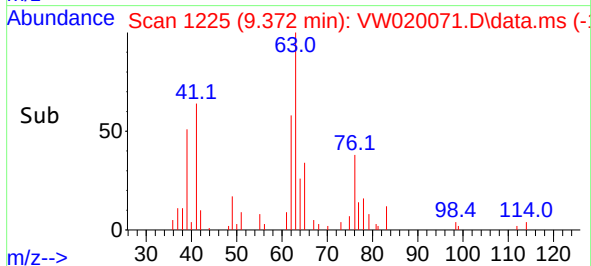
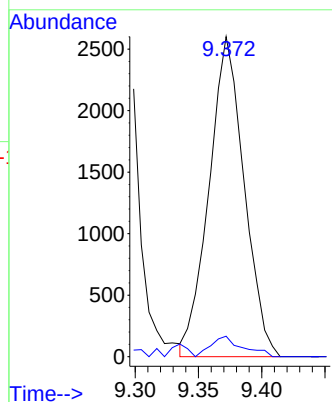
Instrument :
MSVOA_W
ClientSampled :
MDL



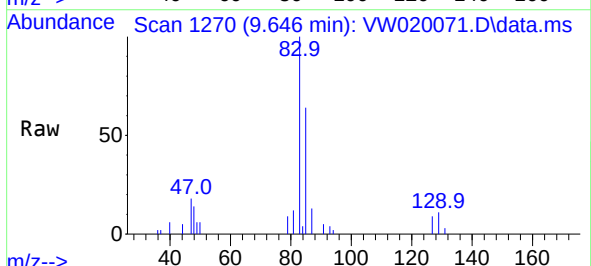
Tgt Ion: 63 Resp: 5012
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9

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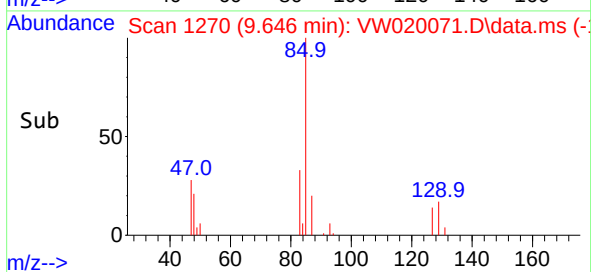
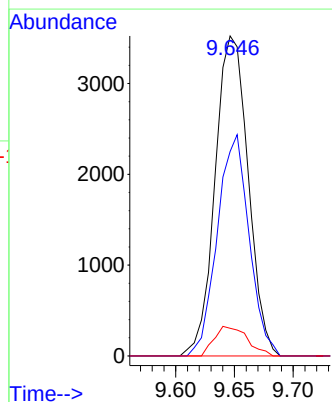
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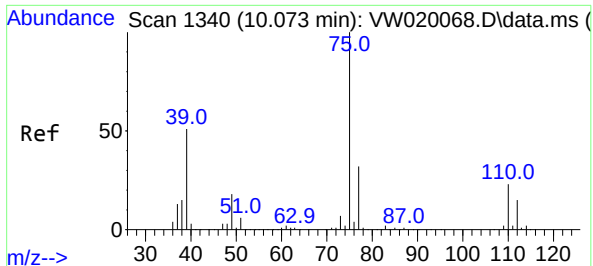


#38
Bromodichloromethane
Concen: 1.111 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

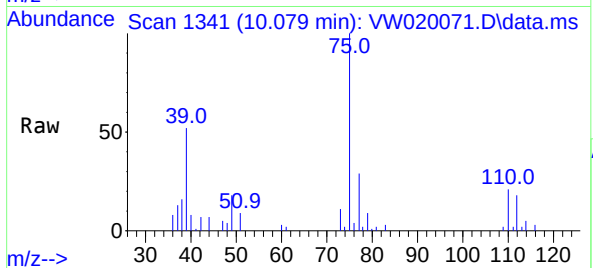


Tgt Ion: 83 Resp: 6903
Ion Ratio Lower Upper
83 100
85 63.9 42.3 78.5
127 8.7 6.6 9.8

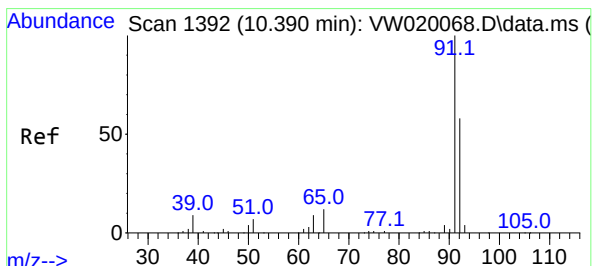
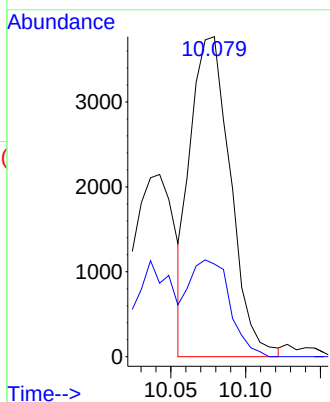
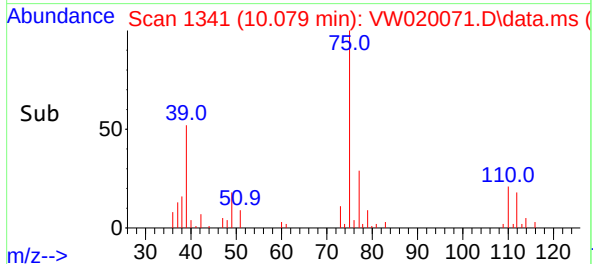




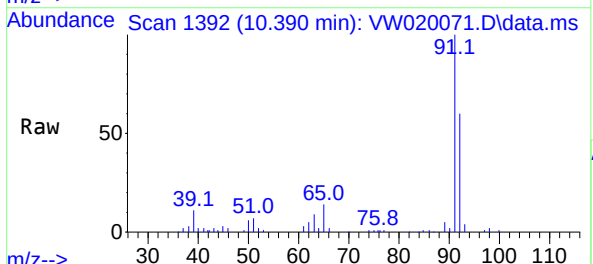
#39
cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



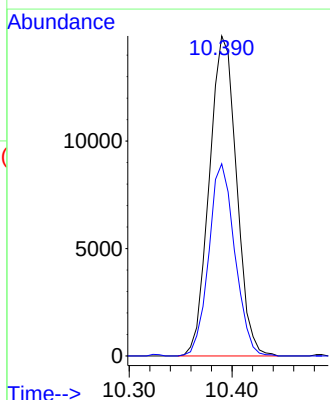
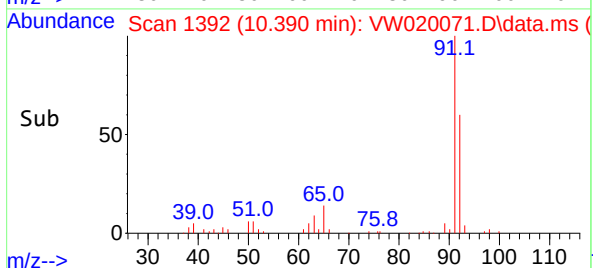
Tgt Ion: 75 Resp: 7014
Ion Ratio Lower Upper
75 100
77 29.0 22.6 42.0



#42
Toluene
Concen: 1.346 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



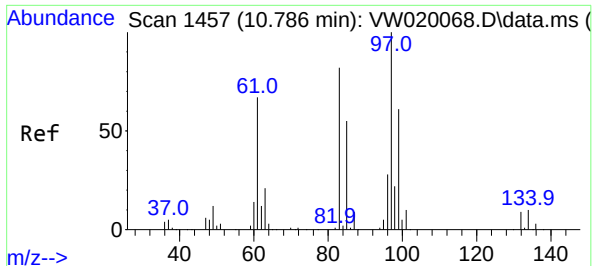
Tgt Ion: 91 Resp: 27323
Ion Ratio Lower Upper
91 100
92 60.1 39.5 73.3



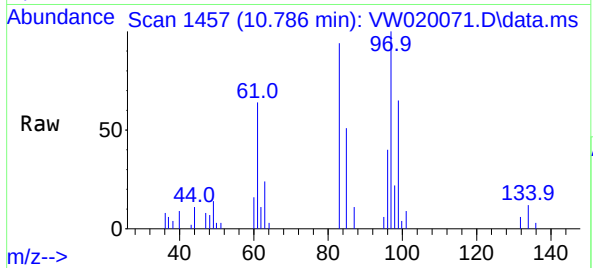
Instrument :
MSVOA_W
ClientSampled :
MDL

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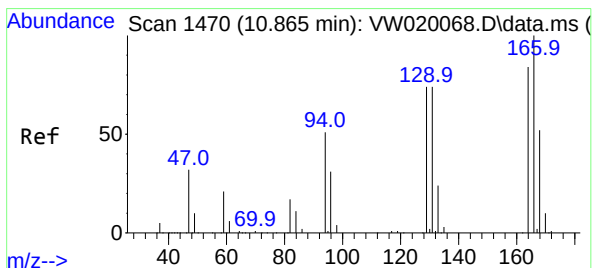
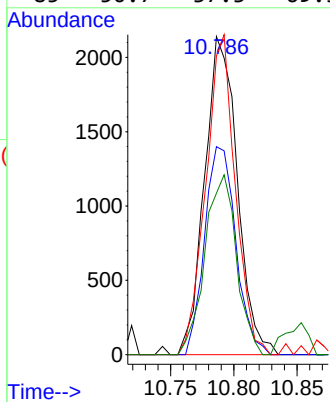
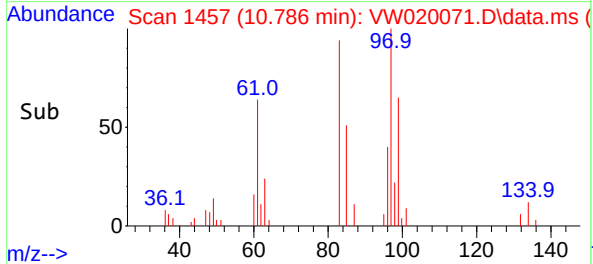
MMDadoda
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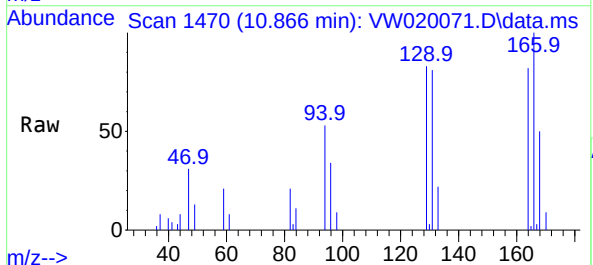
#45
1,1,2-Trichloroethane
Concen: 1.044 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



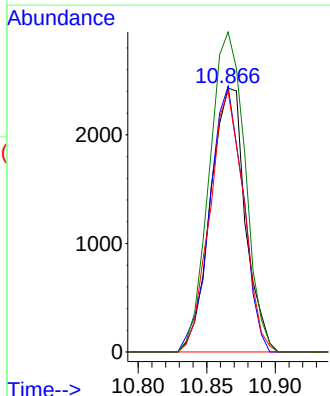
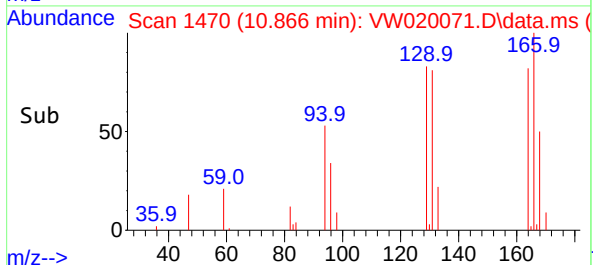
Tgt Ion:	97	Resp:	3843
Ion	Ratio	Lower	Upper
97	100		
99	65.4	45.1	83.7
83	93.9	58.1	107.9
85	50.7	37.3	69.3



#46
Tetrachloroethene
Concen: 1.106 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



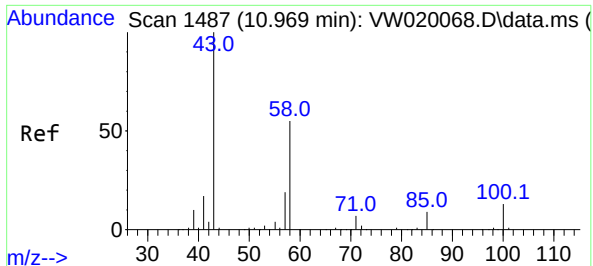
Tgt Ion:	164	Resp:	4310
Ion	Ratio	Lower	Upper
164	100		
129	100.7	66.7	123.9
131	98.8	61.1	113.5
166	121.3	87.0	161.6



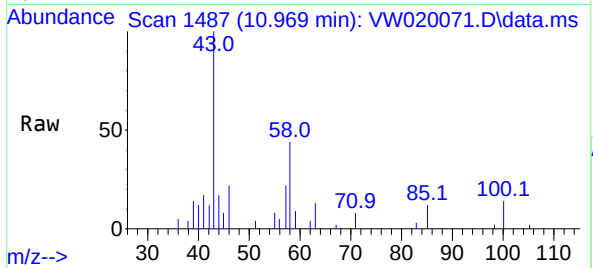
Instrument :
MSVOA_W
ClientSampled :
MDL

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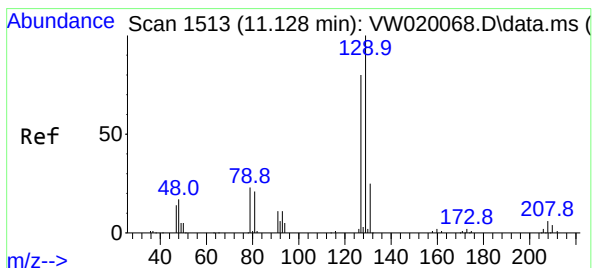
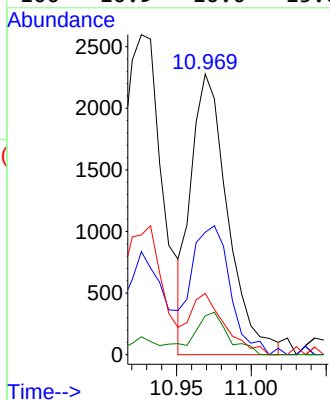
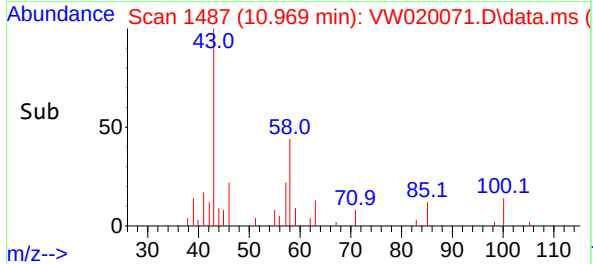
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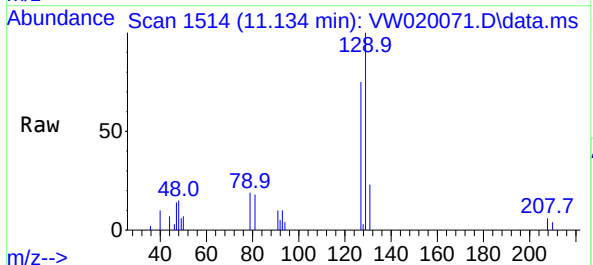
#48
2-Hexanone
Concen: 1.653 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



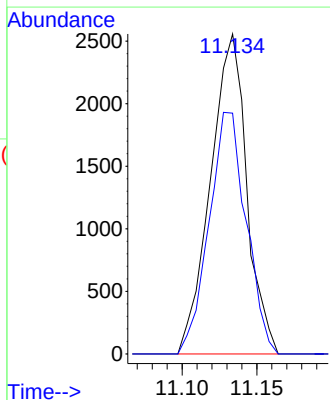
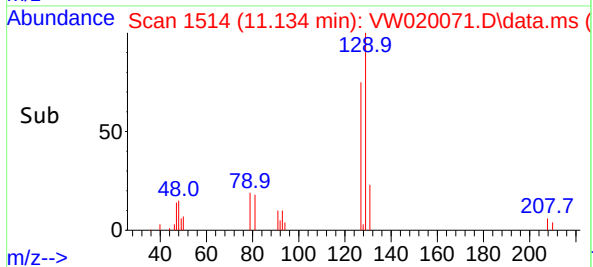
Tgt Ion:	43	Resp:	3892
Ion	Ratio	Lower	Upper
43	100		
58	47.7	42.7	64.1
57	20.8	15.8	23.8
100	10.9	10.0	15.0



#49
Dibromochloromethane
Concen: 1.019 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



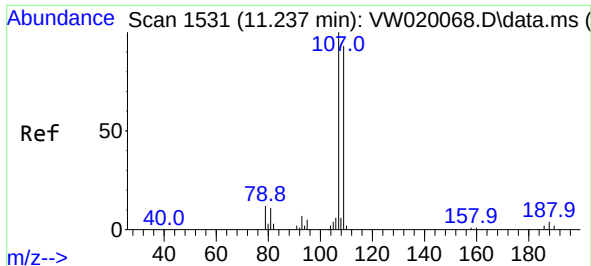
Tgt Ion:	129	Resp:	4312
Ion	Ratio	Lower	Upper
129	100		
127	75.2	51.7	95.9



Instrument :
MSVOA_W
ClientSampleId :
MDL

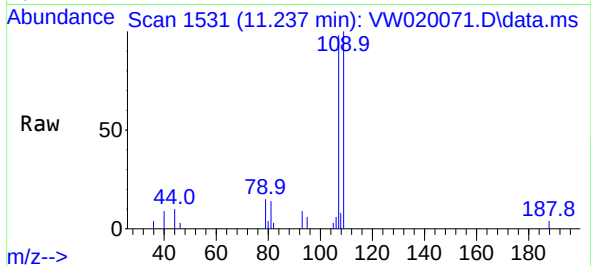
Manual Integrations
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#50
1,2-Dibromoethane
Concen: 0.973 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

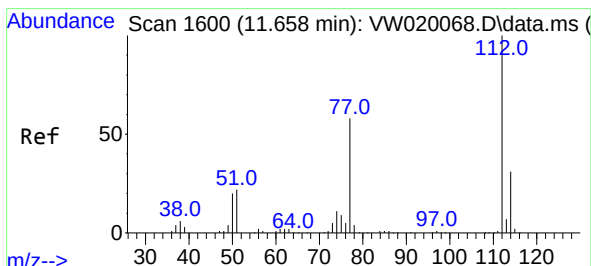
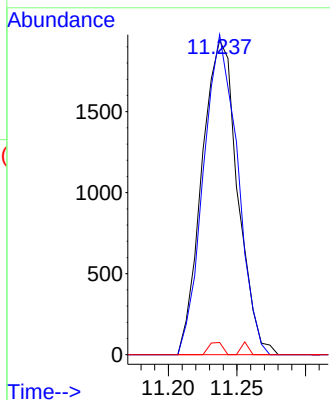
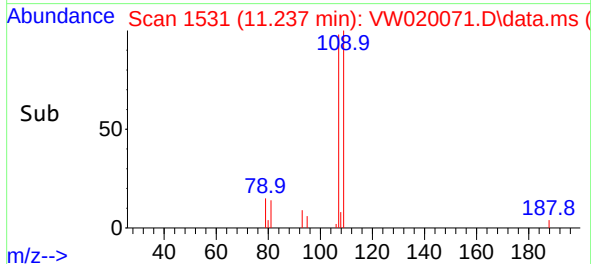
Instrument :
MSVOA_W
ClientSampleId :
MDL



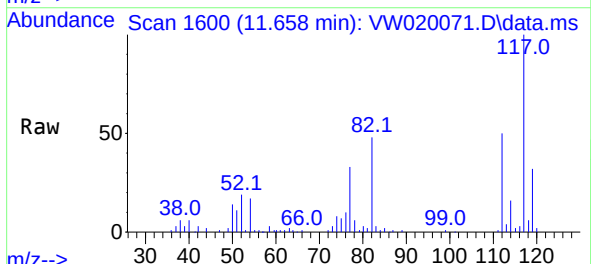
Tgt Ion:	107	Resp:	3525
Ion	Ratio	Lower	Upper
107	100		
109	101.8	65.4	121.4
188	3.9	2.6	4.0

Manual Integrations
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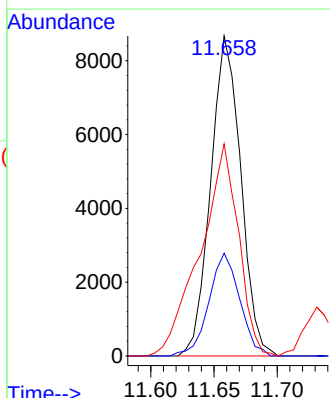
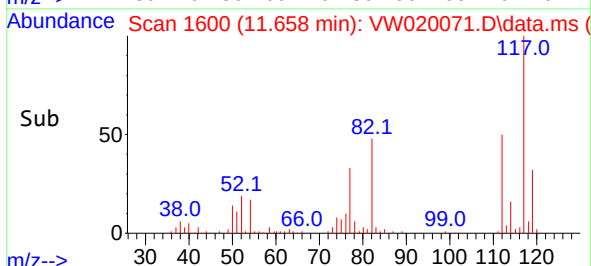
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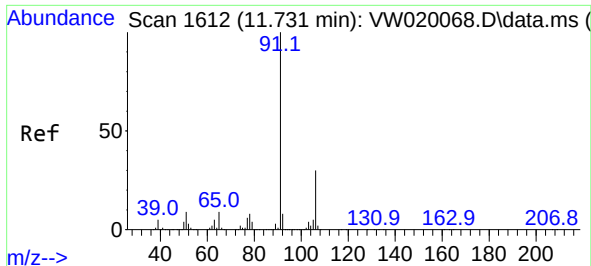


#51
Chlorobenzene
Concen: 1.091 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion:	112	Resp:	14352
Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.4	43.6
77	66.3	47.6	71.4





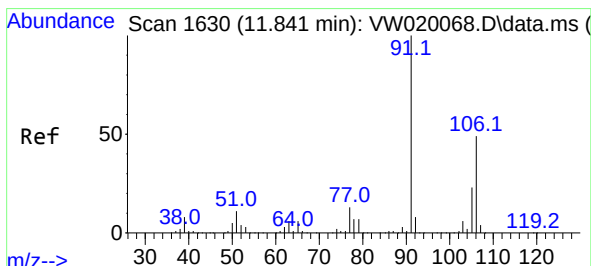
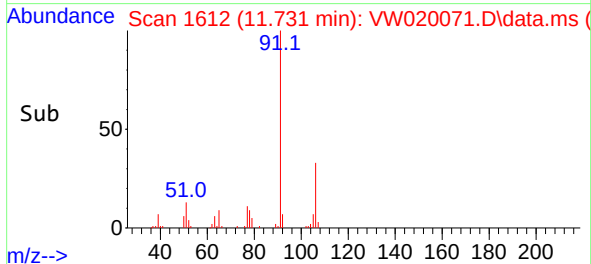
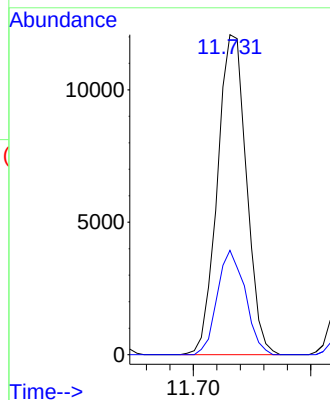
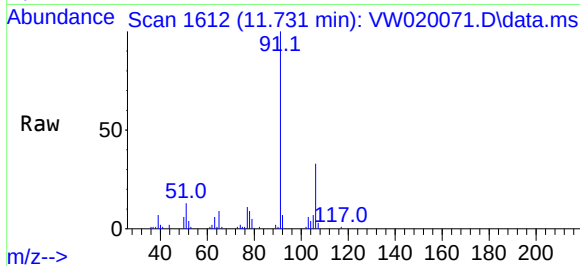
#52
Ethylbenzene
Concen: 0.936 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 91 Resp: 20748
Ion Ratio Lower Upper
91 100
106 32.6 22.5 41.7

Instrument :
MSVOA_W
ClientSampled :
MDL

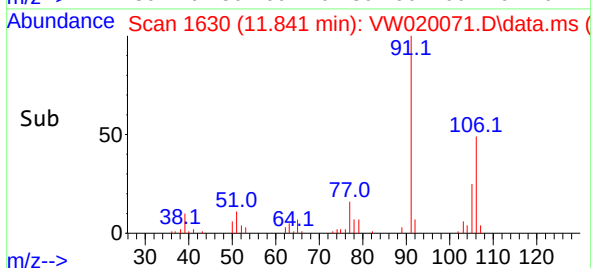
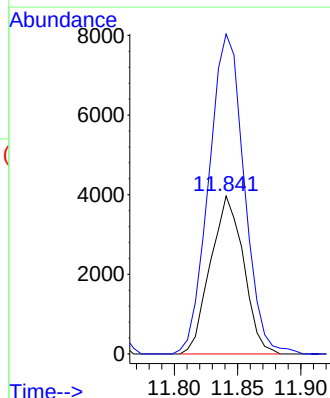
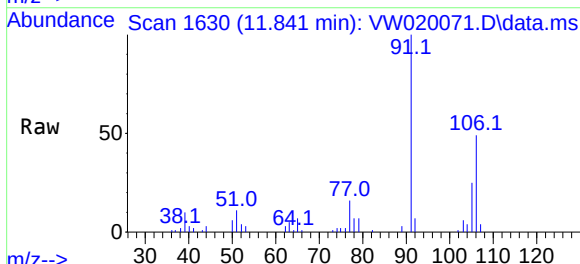
Manual Integrations
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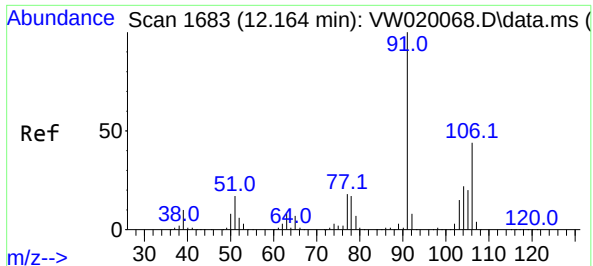
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#53
m,p-Xylene
Concen: 0.858 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion: 106 Resp: 7232
Ion Ratio Lower Upper
106 100
91 202.6 141.3 262.3





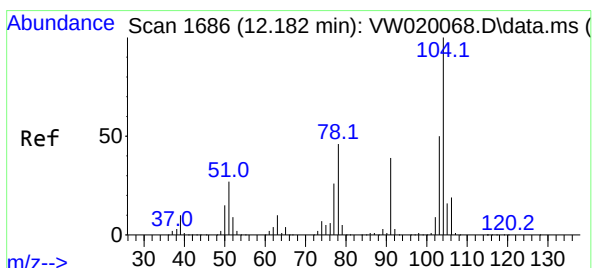
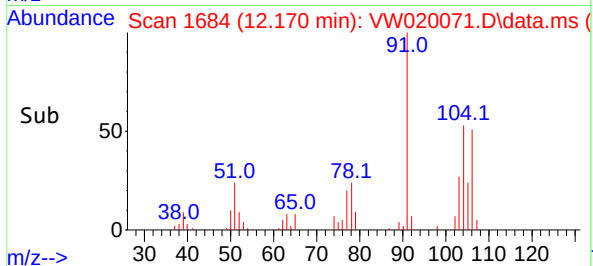
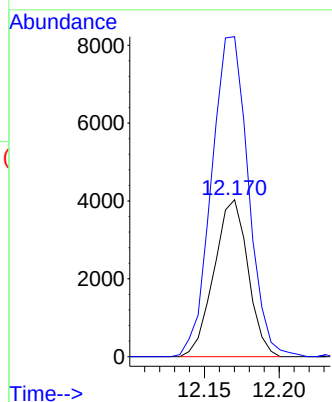
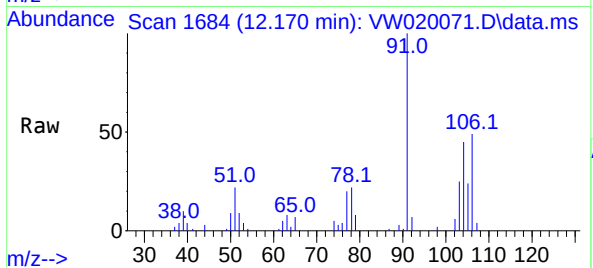
#54
o-Xylene
Concen: 0.799 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:106 Resp: 6359
Ion Ratio Lower Upper
106 100
91 203.8 150.0 278.6

Instrument :
MSVOA_W
ClientSampled :
MDL

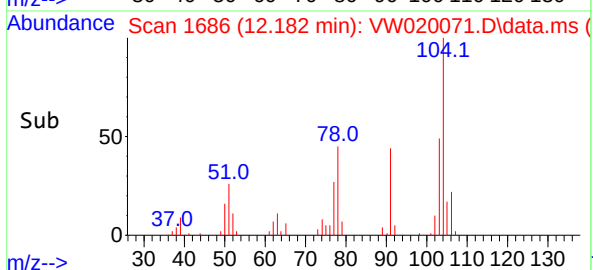
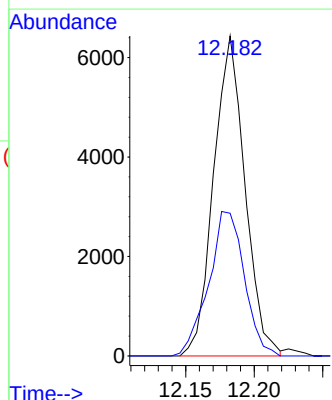
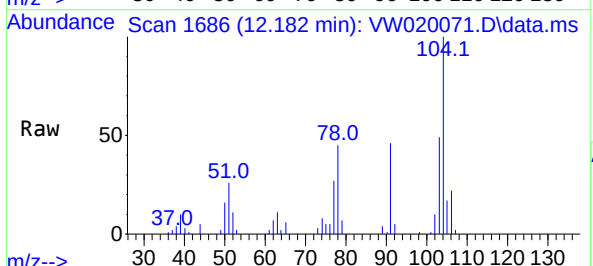
Manual Integrations
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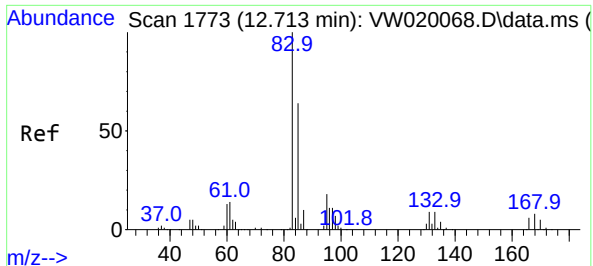
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#55
Styrene
Concen: 0.748 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:104 Resp: 10234
Ion Ratio Lower Upper
104 100
78 44.6 32.5 60.3





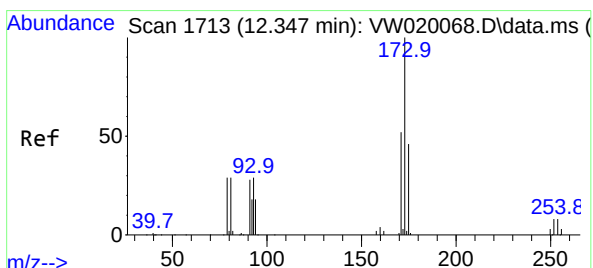
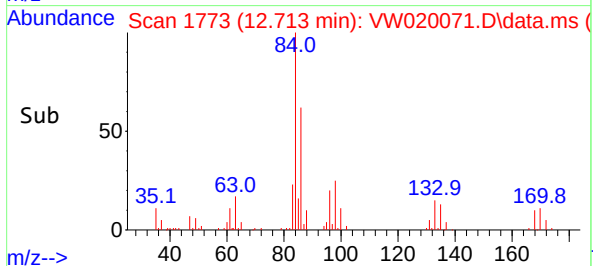
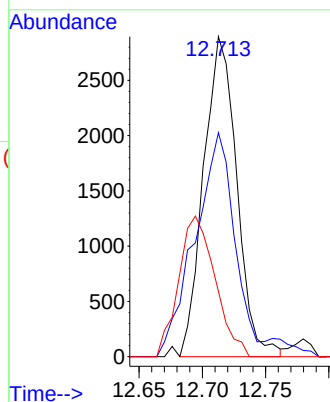
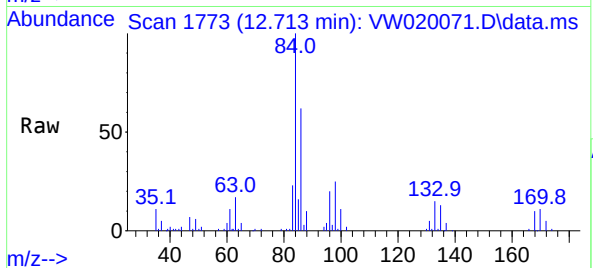
#57
1,1,2,2-Tetrachloroethane
Concen: 1.096 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	83	Resp:	5288
Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.4	82.4
131	20.4	8.2	12.4#

Instrument :
MSVOA_W
ClientSampled :
MDL

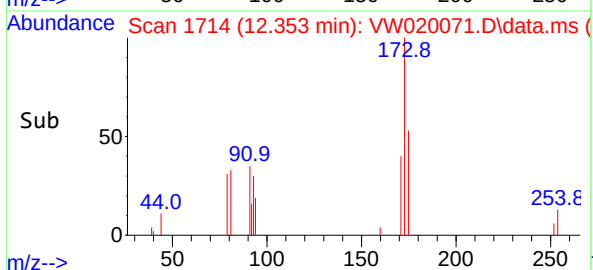
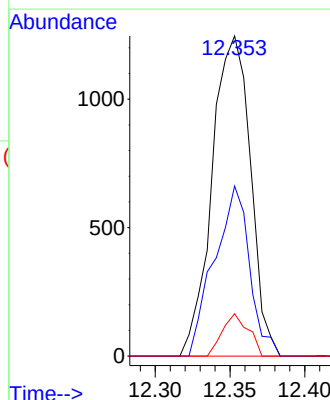
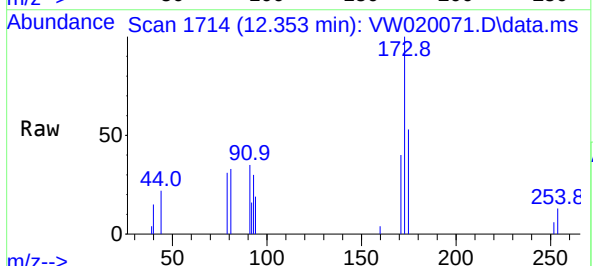
Manual Integrations
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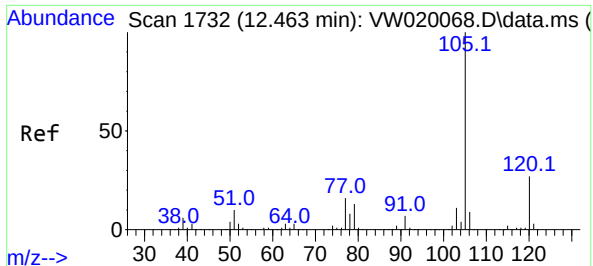
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#59
Bromoform
Concen: 1.014 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	173	Resp:	2223
Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.5	56.3
254	9.0	7.0	10.4





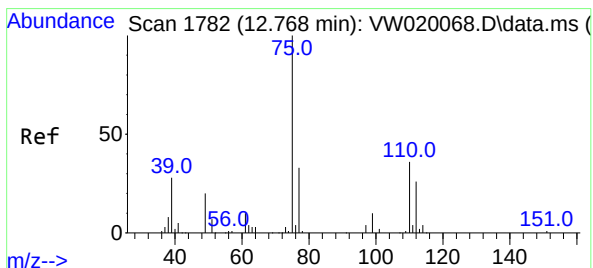
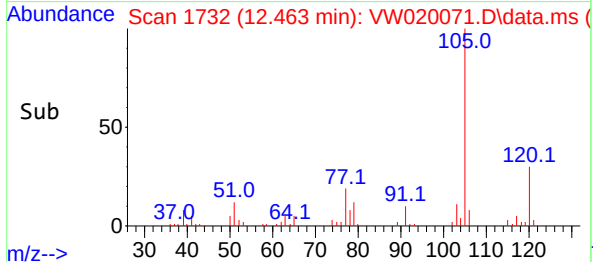
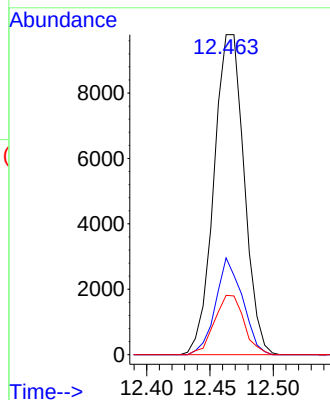
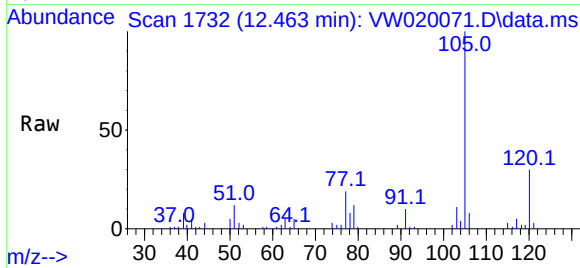
#60
Isopropylbenzene
Concen: 0.848 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	105	Resp:	16290
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.1	31.7
77	18.1	13.2	19.8

Instrument :
MSVOA_W
ClientSampled :
MDL

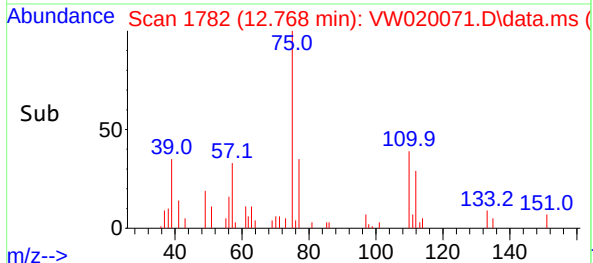
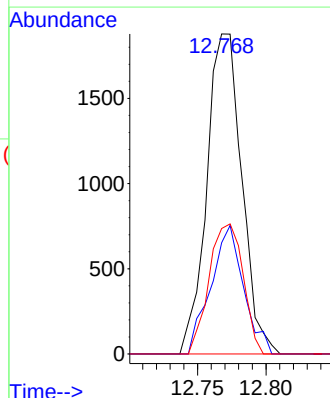
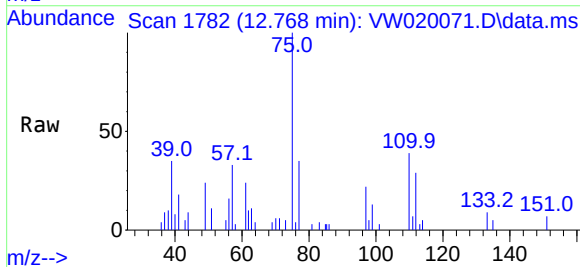
Manual Integrations
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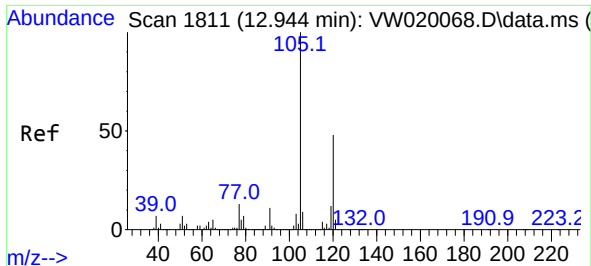
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#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	75	Resp:	3341
Ion Ratio	Lower	Upper	
75	100		
77	37.5	25.3	37.9
110	39.4	32.6	48.8





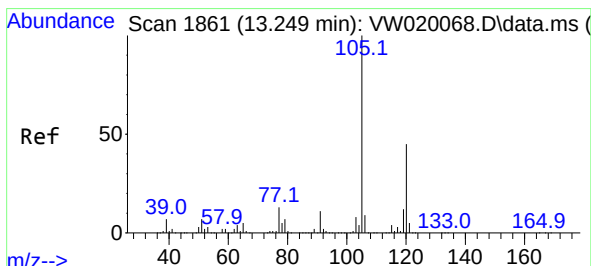
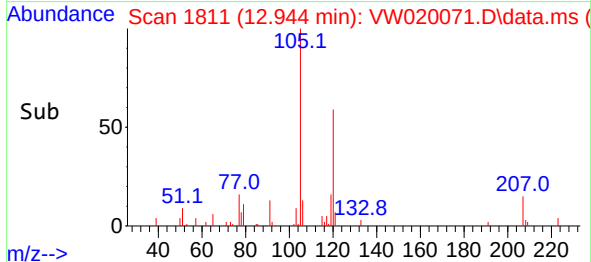
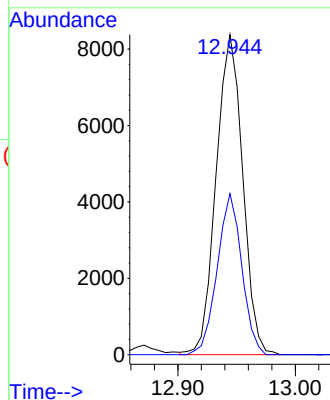
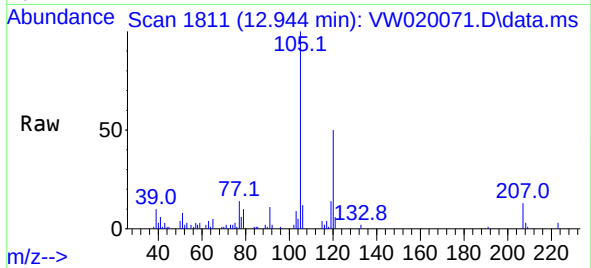
#62
1,3,5-Trimethylbenzene
Concen: 0.842 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:105 Resp: 13166
Ion Ratio Lower Upper
105 100
120 46.6 39.0 58.6

Instrument :
MSVOA_W
ClientSampleId :
MDL

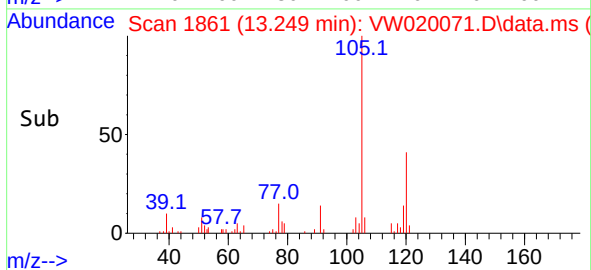
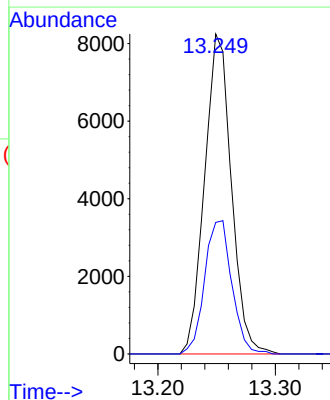
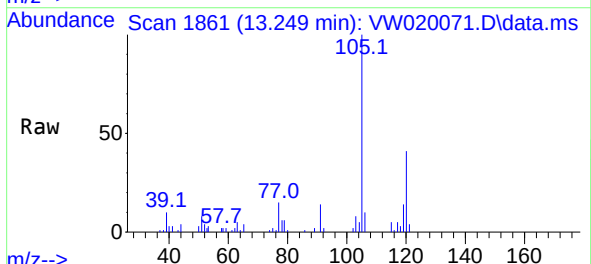
Manual Integrations
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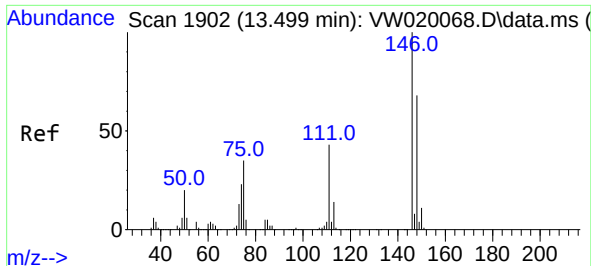
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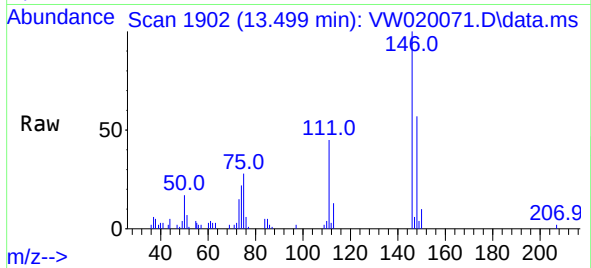
#63
1,2,4-Trimethylbenzene
Concen: 0.851 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:105 Resp: 13058
Ion Ratio Lower Upper
105 100
120 42.4 35.6 53.4

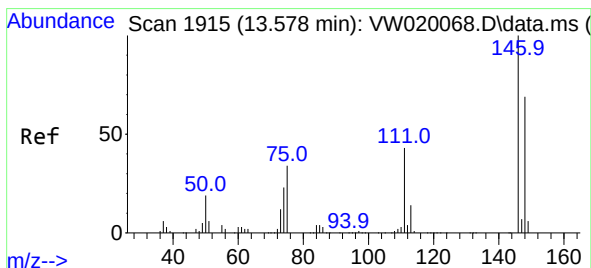
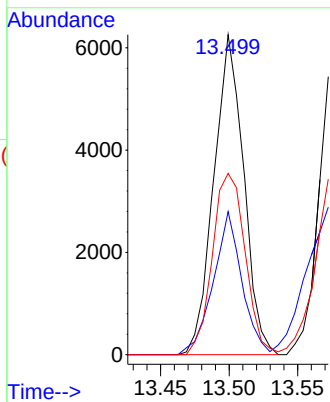
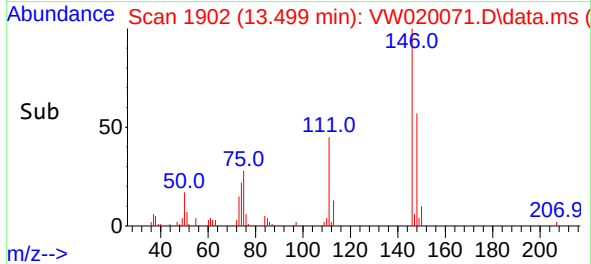




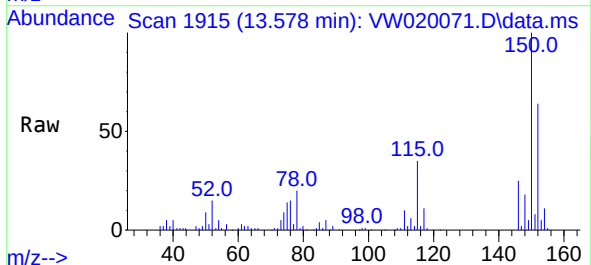
#64
1,3-Dichlorobenzene
Concen: 1.073 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



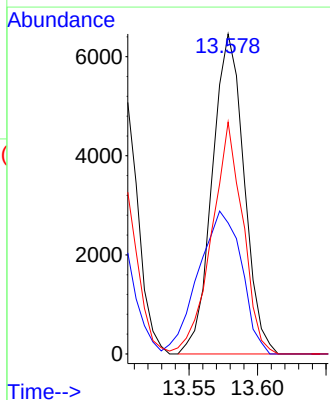
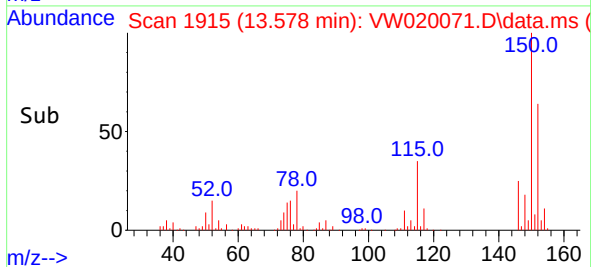
Tgt Ion:146 Resp: 9480
Ion Ratio Lower Upper
146 100
111 44.7 26.7 49.7
148 56.6 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 1.159 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion:146 Resp: 10439
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.4
148 72.4 46.8 87.0

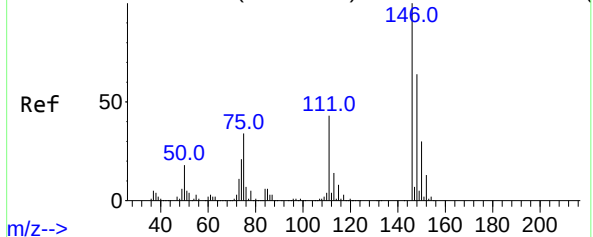


Instrument :
MSVOA_W
ClientSampled :
MDL

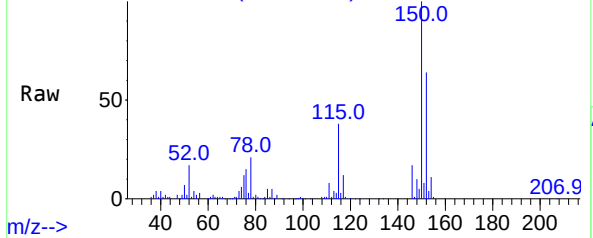
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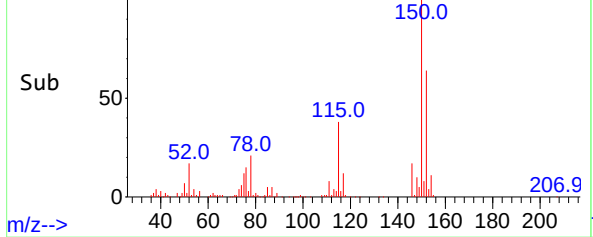
Abundance Scan 1963 (13.871 min): VW020068.D\data.ms (



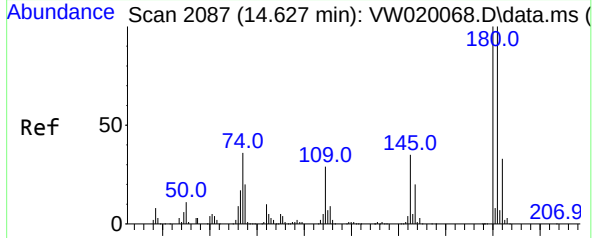
m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (



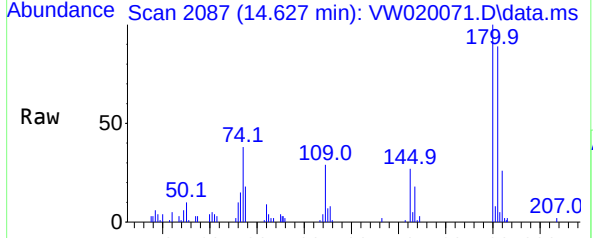
m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (



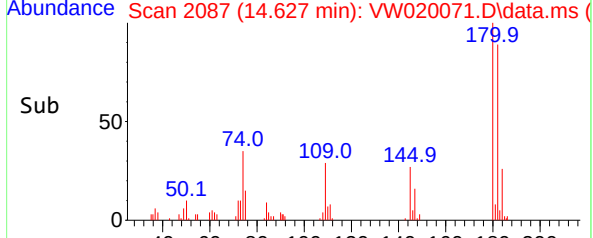
m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (



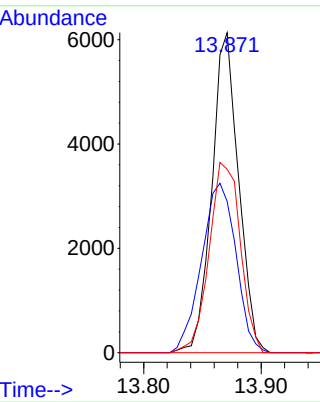
m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW020071.D\data.ms (

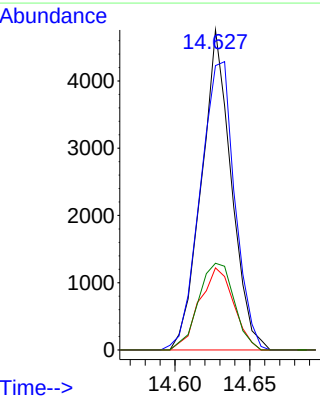
#67
1,2-Dichlorobenzene
Concen: 1.205 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	146	Resp:	9705
Ion	Ratio	Lower	Upper
146	100		
111	47.3	33.2	49.8
148	57.3	50.4	75.6



#69
1,3,5-Trichlorobenzene
Concen: 1.080 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

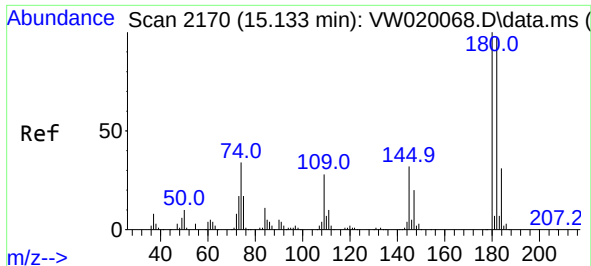
Tgt Ion:	180	Resp:	6603
Ion	Ratio	Lower	Upper
180	100		
182	104.0	73.4	110.2
184	29.5	23.6	35.4
145	32.4	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
MDL

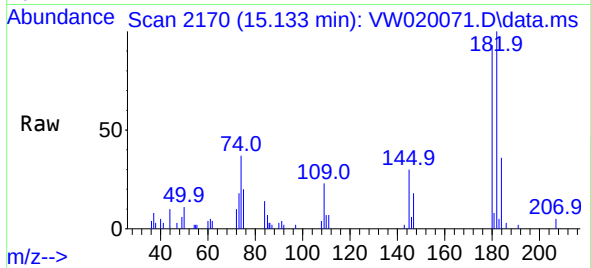
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#70
1,2,4-trichlorobenzene
Concen: 1.020 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

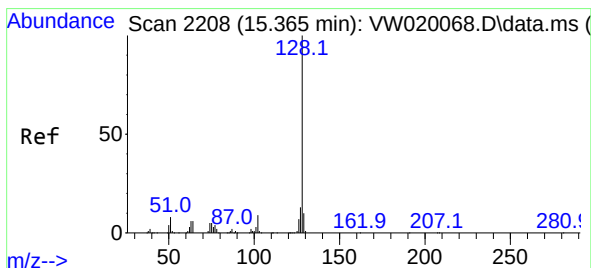
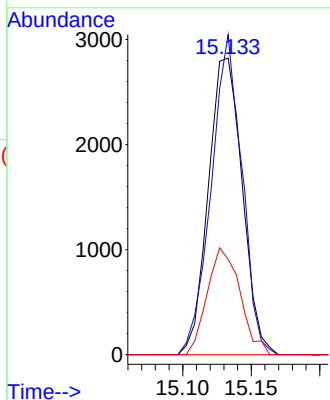
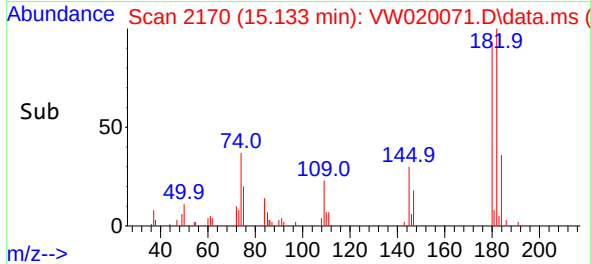
Instrument :
MSVOA_W
ClientSampleId :
MDL



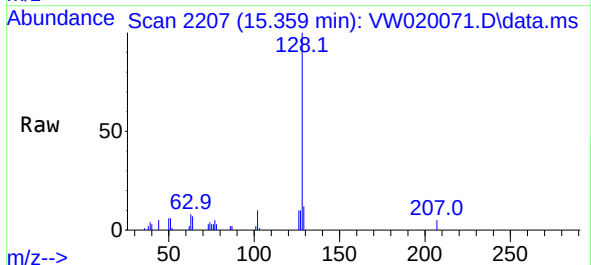
Tgt Ion:180 Resp: 4881
Ion Ratio Lower Upper
180 100
182 97.1 74.7 112.1
145 34.8 25.0 37.4

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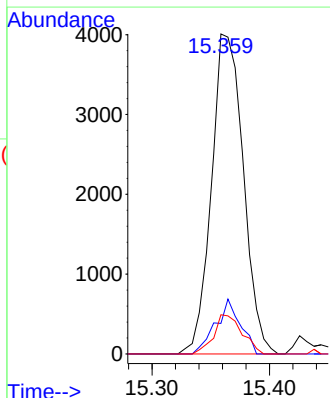
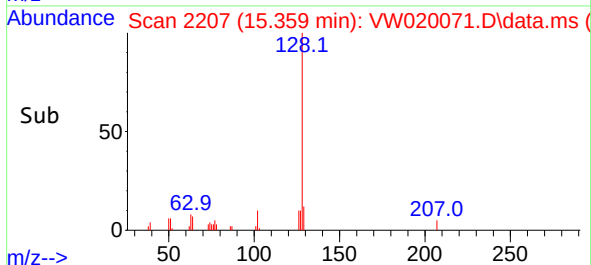
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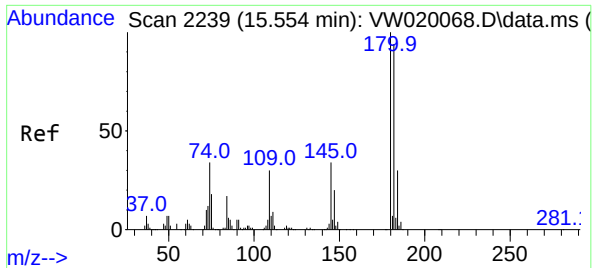


#71
Naphthalene
Concen: 0.739 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50



Tgt Ion:128 Resp: 7556
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 9.0 13.6





#72
1,2,3-Trichlorobenzene
Concen: 0.972 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020071.D
Acq: 20 Sep 2021 09:50

Tgt Ion:	180	Resp:	4367
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.7	115.1
145	33.6	28.9	43.3

Instrument :
MSVOA_W
ClientSampleId :
MDL

Manual Integrations
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