

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018585.D
 Acq On : 07 Apr 2021 16:54
 Operator : SY/VA
 Sample : M1881-23RE
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:27:49 AM

Quant Time: Apr 08 05:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	411280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	97341	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124617	21.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.08%		
7) Chloroethane-d5	2.891	69	100584	20.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.32%		
10) 1,1-Dichloroethene-d2	4.019	63	147881	14.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.84%		
20) 2-Butanone-d5	7.086	46	53916	42.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.62%		
24) Chloroform-d	7.653	84	218523	20.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.44%		
26) 1,2-Dichloroethane-d4	8.305	65	141168	23.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.36%		
29) Benzene-d6	8.274	84	406795	24.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.40%		
33) 1,2-Dichloropropane-d6	9.274	67	122787	25.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.88%		
37) Toluene-d8	10.323	98	352651	21.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.80%		
38) trans-1,3-Dichloroprop...	10.579	79	49119	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.24%		
39) 2-Hexanone-d5	10.926	63	43607	45.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.52%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109184	25.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	63421	18.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.32%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	6602	1.40	ug/L	94
3) Chloromethane	2.215	50	9770	1.64	ug/L	94
5) Vinyl chloride	2.367	62	14999	1.92	ug/L #	81
6) Bromomethane	2.788	94	9577	1.70	ug/L	100
8) Chloroethane	2.928	64	9164	1.88	ug/L	98
9) Trichlorofluoromethane	3.269	101	5507	1.40	ug/L	96
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	9569m	1.89	ug/L	
12) 1,1-Dichloroethene	4.050	96	10403	2.02	ug/L #	1
13) Acetone	4.135	43	6103m	6.67	ug/L	
14) Carbon disulfide	4.397	76	22206m	1.43	ug/L	
15) Methyl Acetate	4.684	43	4647m	2.22	ug/L	
16) Methylene chloride	4.915	84	17798	2.64	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	15883	2.11	ug/L #	92
18) trans-1,2-Dichloroethene	5.434	96	10369m	1.82	ug/L	
19) 1,1-Dichloroethane	6.214	63	17740	1.82	ug/L	96
21) 2-Butanone	7.165	43	16578m	11.40	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	10987	1.83	ug/L	87
23) Bromochloromethane	7.519	128	5435	2.05	ug/L	95
25) Chloroform	7.671	83	20142	1.95	ug/L	78

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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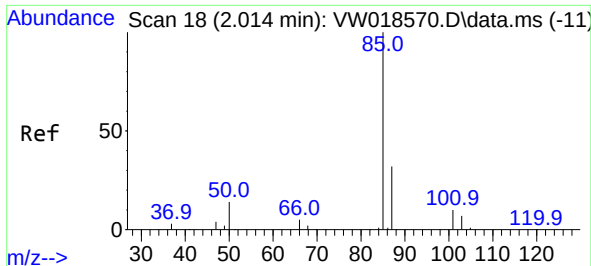
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Quant Time: Apr 08 05:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	8.403	62	14368	1.96	ug/L	99
30) Cyclohexane	7.964	56	9848m	1.31	ug/L	
31) 1,1,1-Trichloroethane	7.872	97	14319	2.02	ug/L	96
32) Carbon tetrachloride	8.073	117	11897	1.80	ug/L	98
34) Benzene	8.323	78	40219	2.19	ug/L	100
35) Trichloroethene	9.091	95	10356	2.04	ug/L	97
36) Methylcyclohexane	9.335	83	7404	0.83	ug/L	92
40) 1,2-Dichloropropane	9.366	63	10016	2.23	ug/L	98
41) Bromodichloromethane	9.646	83	12875	2.02	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	14133	1.86	ug/L	98
43) 4-Methyl-2-pentanone	10.213	43	13488	4.99	ug/L	93
44) Toluene	10.390	91	45828	2.19	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	14747	2.16	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	9247	2.58	ug/L	91
47) Tetrachloroethene	10.859	164	5818	1.51	ug/L	95
49) 2-Hexanone	10.963	43	15410	8.05	ug/L #	76
50) Dibromochloromethane	11.128	129	8520	2.01	ug/L	96
51) 1,2-Dibromoethane	11.237	107	8040	2.26	ug/L	99
52) Chlorobenzene	11.658	112	23496	1.77	ug/L	94
53) Ethylbenzene	11.731	91	37746	1.60	ug/L	100
54) m,p-Xylene	11.835	106	12840	1.43	ug/L	99
55) o-xylene	12.164	106	13055	1.52	ug/L	86
56) Styrene	12.182	104	18403	1.26	ug/L	95
57) Isopropylbenzene	12.463	105	28286	1.21	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.713	83	10984	2.53	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	8300	2.53	ug/L	97
62) Bromoform	12.347	173	4109	2.75	ug/L #	86
63) 1,3-Dichlorobenzene	13.499	146	9469	1.52	ug/L	96
64) 1,4-Dichlorobenzene	13.572	146	10300	1.64	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	9484	1.70	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	1455	2.89	ug/L #	68
67) 1,3,5-Trichlorobenzene	14.627	180	4698	1.05	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	3552	0.93	ug/L #	94
69) Naphthalene	15.365	128	9528	1.20	ug/L	98
70) 1,2,3-Trichlorobenzene	15.548	180	2518	0.75	ug/L	94

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



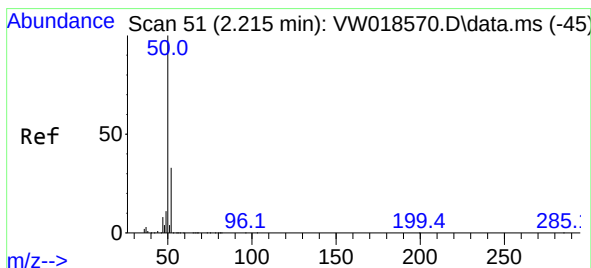
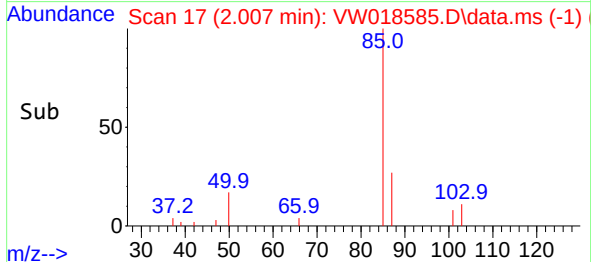
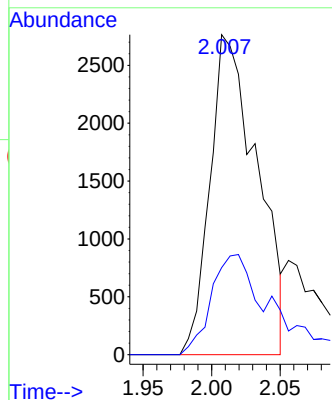
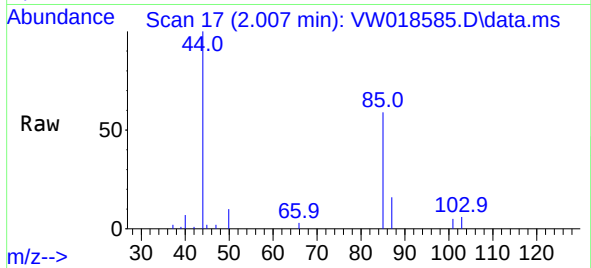
#2
Dichlorodifluoromethane
Concen: 1.40 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 85 Resp: 6602
Ion Ratio Lower Upper
85 100
87 28.3 22.2 41.2

Instrument :
MSVOA_W
ClientSampled :
VIBLK22

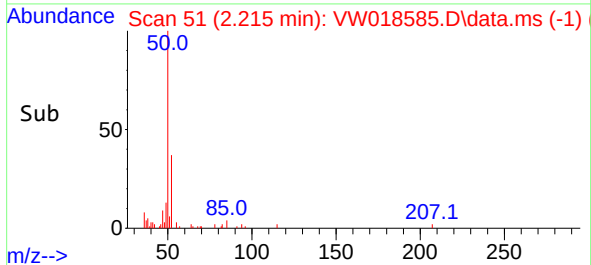
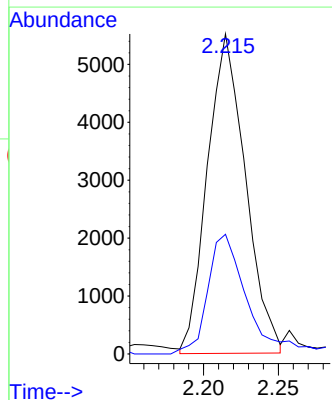
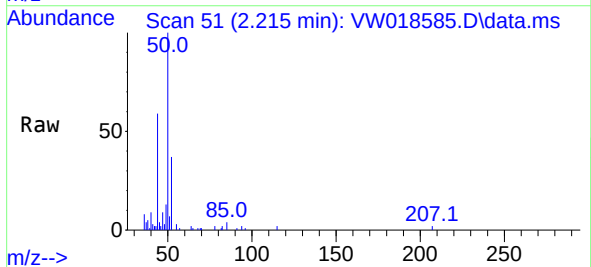
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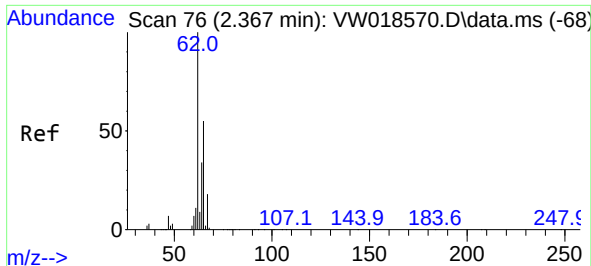
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#3
Chloromethane
Concen: 1.64 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 50 Resp: 9770
Ion Ratio Lower Upper
50 100
52 37.4 23.7 43.9





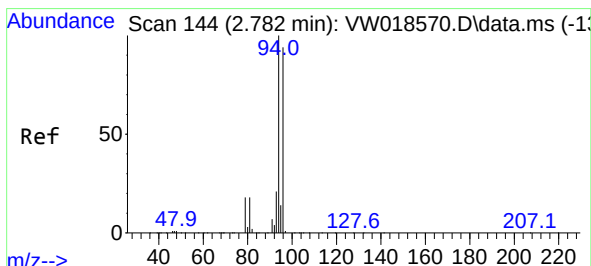
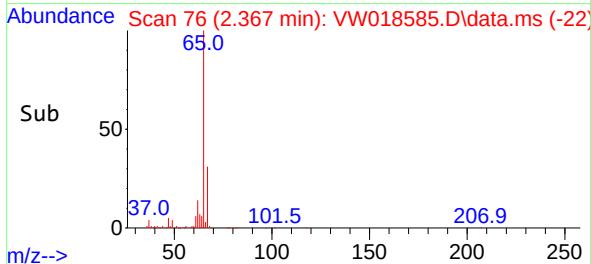
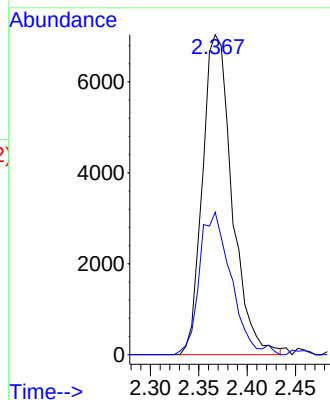
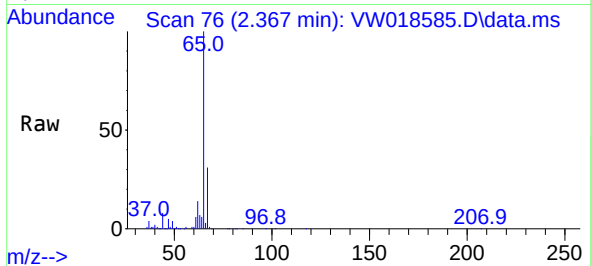
#5
 Vinyl chloride
 Concen: 1.92 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018585.D
 Acq: 07 Apr 2021 16:54

Tgt Ion: 62 Resp: 14999
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.5 43.7#

Instrument :
 MSVOA_W
 ClientSampleId :
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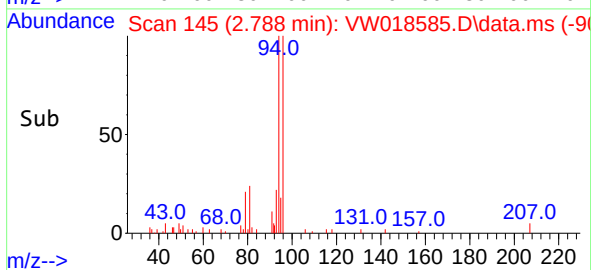
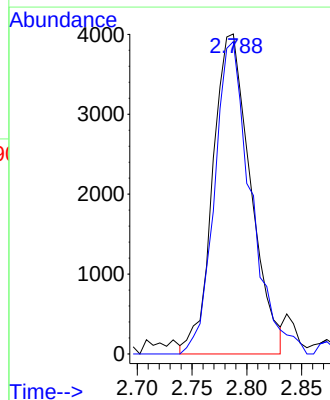
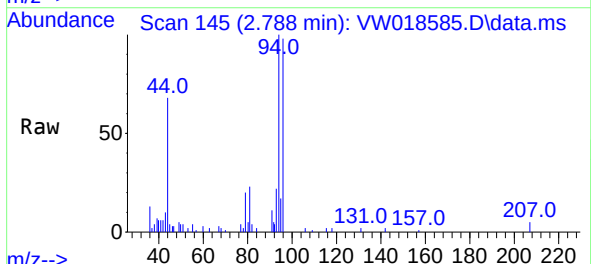
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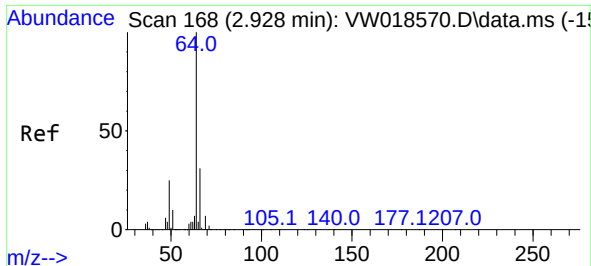
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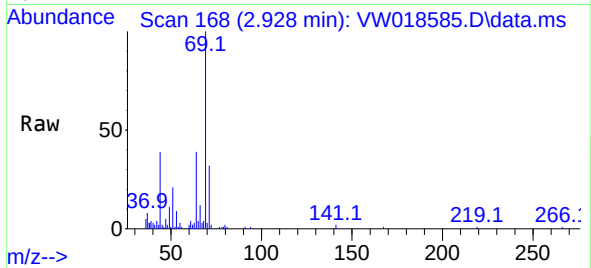
#6
 Bromomethane
 Concen: 1.70 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018585.D
 Acq: 07 Apr 2021 16:54

Tgt Ion: 94 Resp: 9577
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.4 179.4

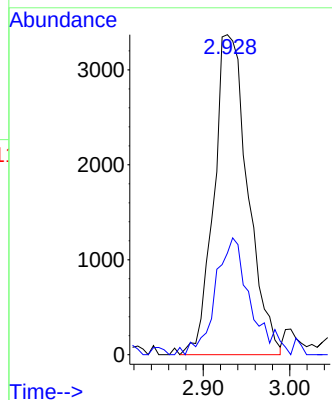




#8
Chloroethane
Concen: 1.88 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



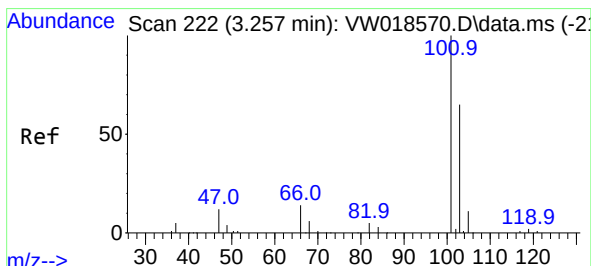
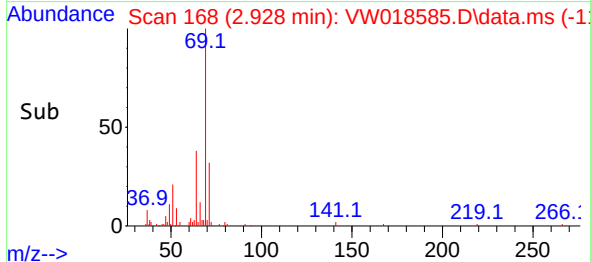
Tgt Ion: 64 Resp: 9164
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.0



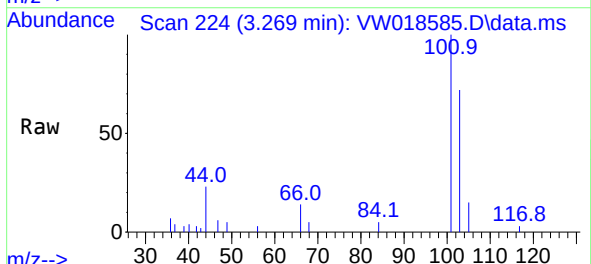
Instrument :
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ClientSampleId :
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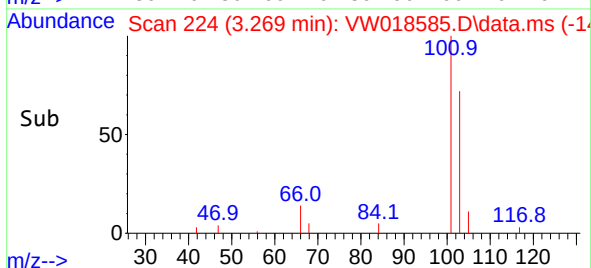
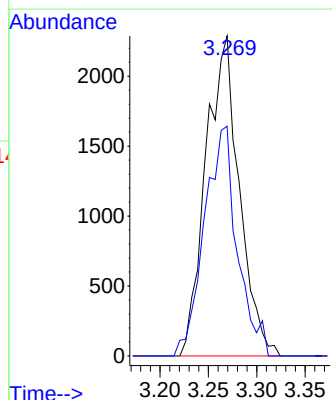
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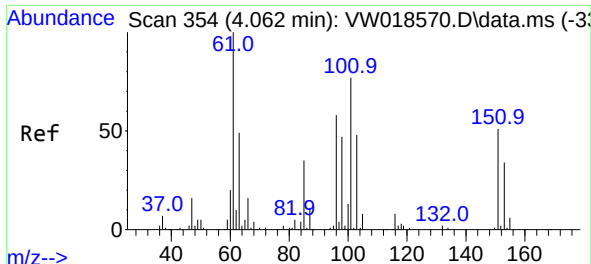


#9
Trichlorofluoromethane
Concen: 1.40 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion: 101 Resp: 5507
Ion Ratio Lower Upper
101 100
103 68.7 45.6 84.8





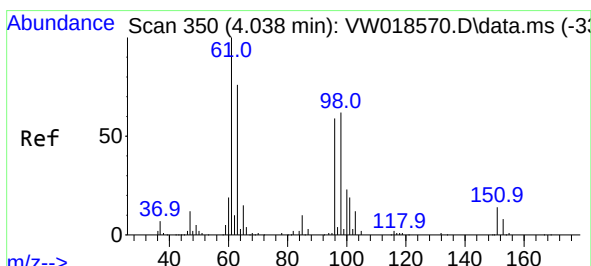
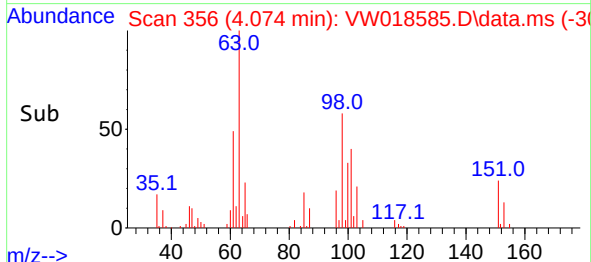
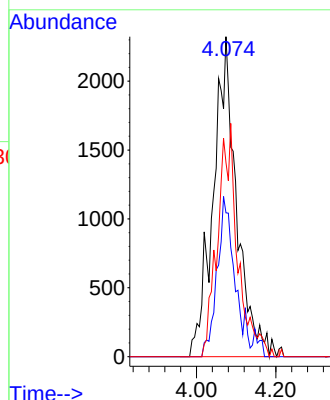
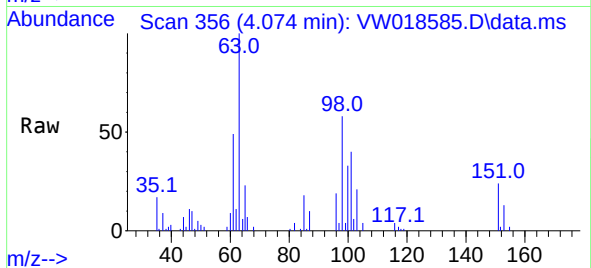
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.89 ug/L m
RT: 4.074 min Scan# 356
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion:101 Resp: 9569
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 58.1 87.1#

Instrument :
MSVOA_W
ClientSampled :
VIBLK22

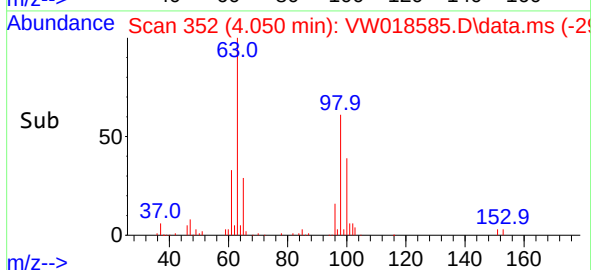
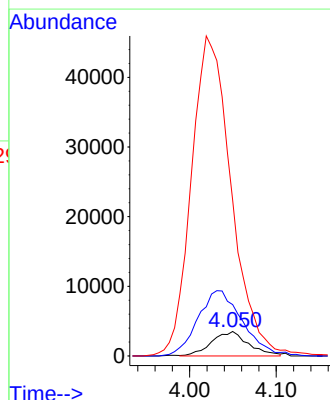
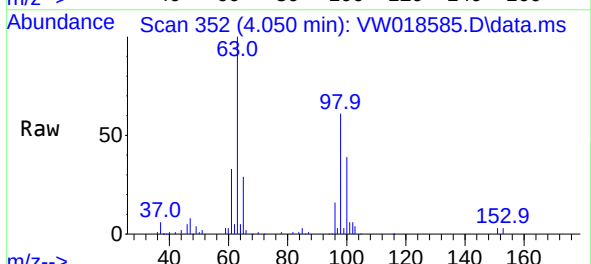
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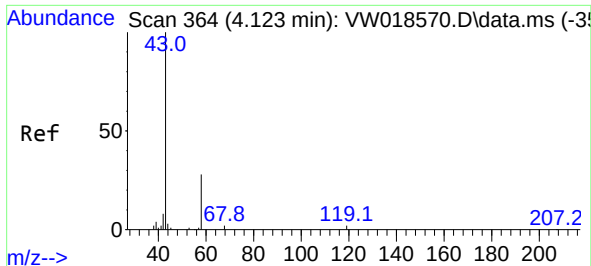
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#12
1,1-Dichloroethene
Concen: 2.02 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 96 Resp: 10403
Ion Ratio Lower Upper
96 100
61 209.8 118.6 220.2
63 635.2 82.4 153.0#



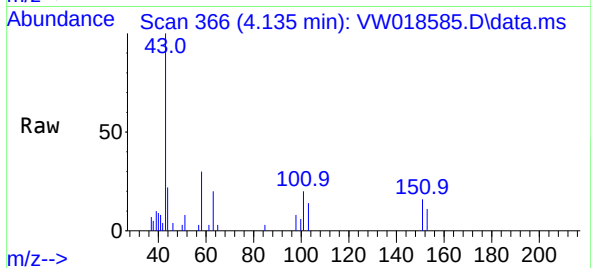


#13
Acetone
Concen: 6.67 ug/L m
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

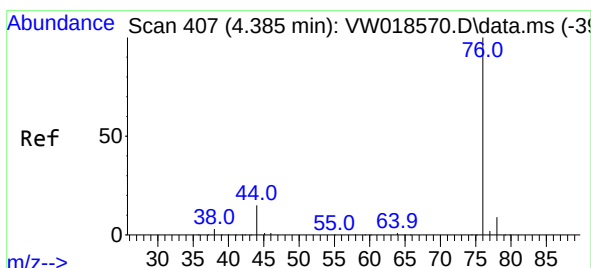
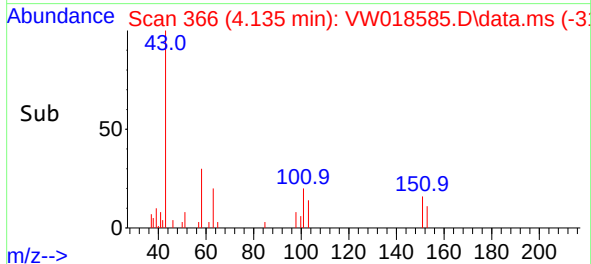
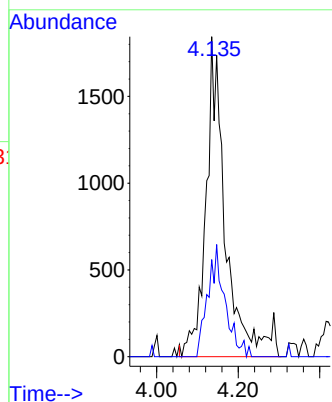
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ClientSampleId :
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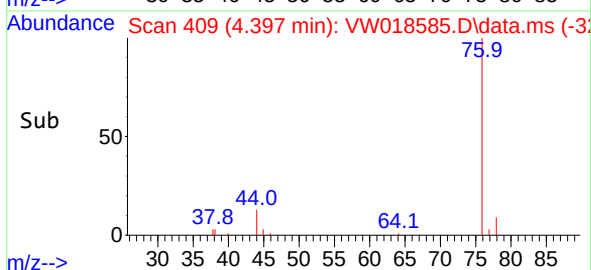
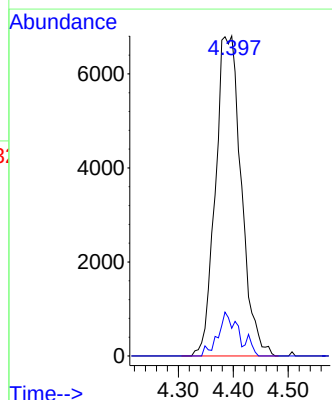
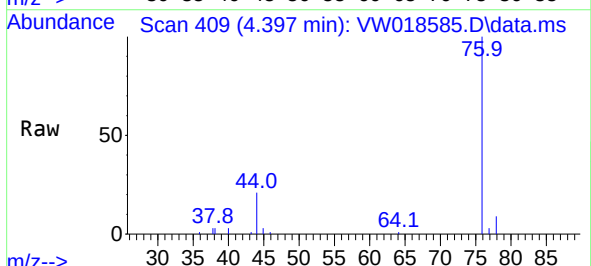


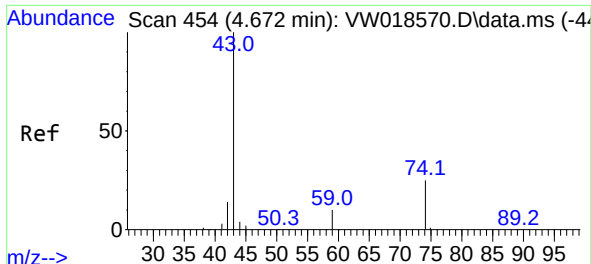
Tgt Ion: 43 Resp: 6103
Ion Ratio Lower Upper
43 100
58 0.3 0.0 62.2



#14
Carbon disulfide
Concen: 1.43 ug/L m
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 76 Resp: 22206
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2





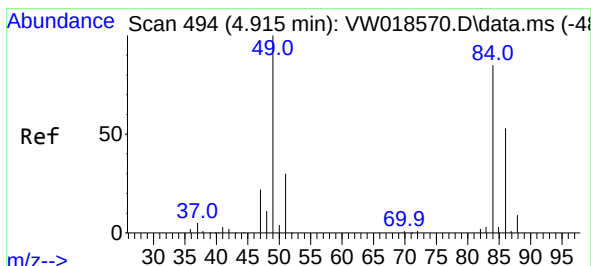
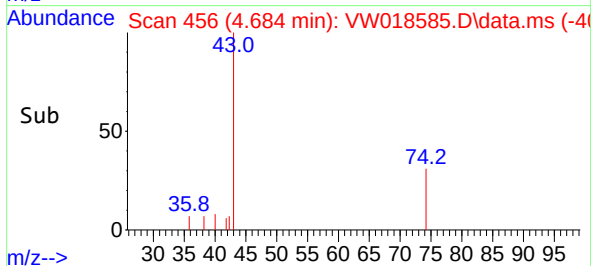
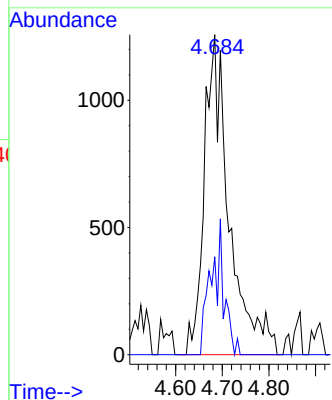
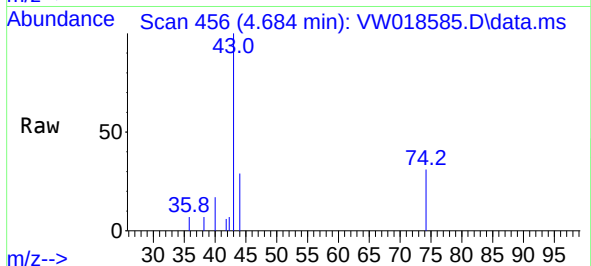
#15
Methyl Acetate
Concen: 2.22 ug/L m
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#

Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

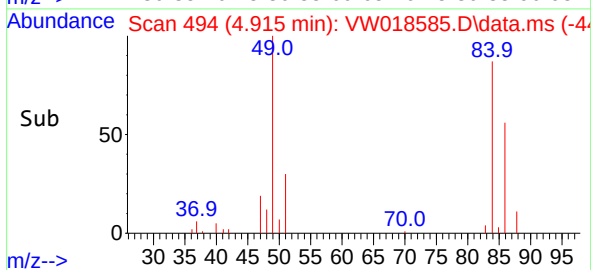
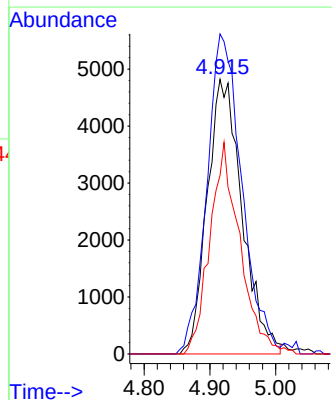
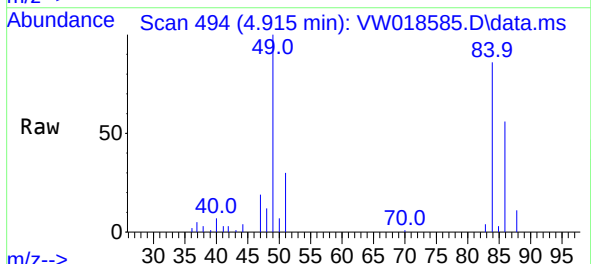
Manual Integrations
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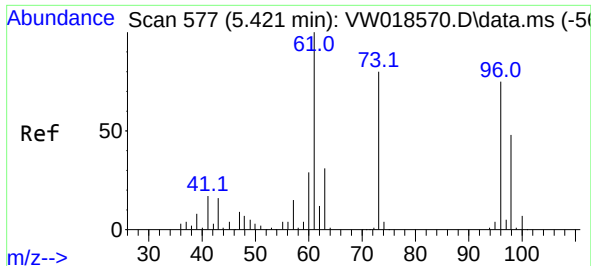
MMDadoda
4/9/2021 9:27:49 AM



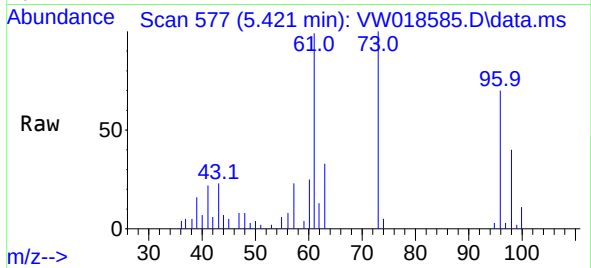
#16
Methylene chloride
Concen: 2.64 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 84 Resp: 17798
Ion Ratio Lower Upper
84 100
49 116.5 74.4 138.2
86 65.0 46.1 85.7



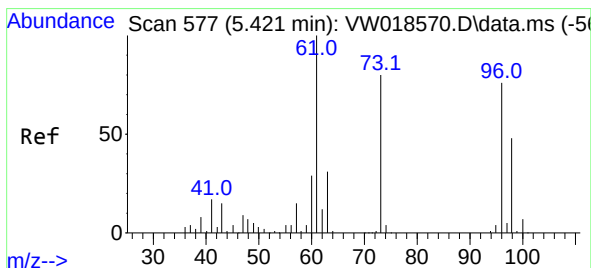
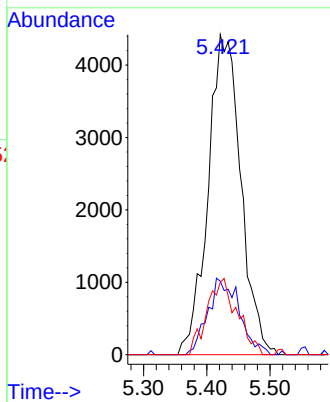
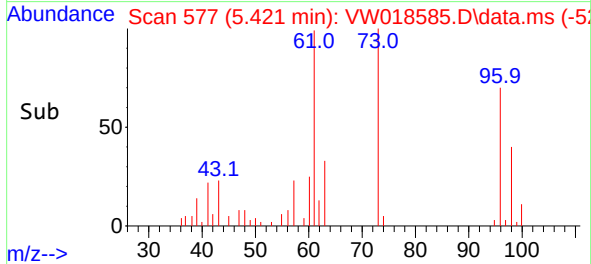


#17
Methyl tert-butyl Ether
Concen: 2.11 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

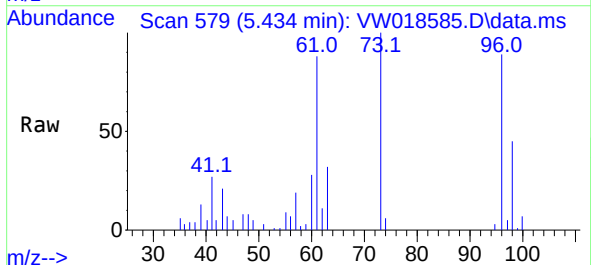


Tgt Ion: 73 Resp: 15883

Ion	Ratio	Lower	Upper
73	100		
43	16.5	16.6	24.8#
57	16.7	15.9	23.9

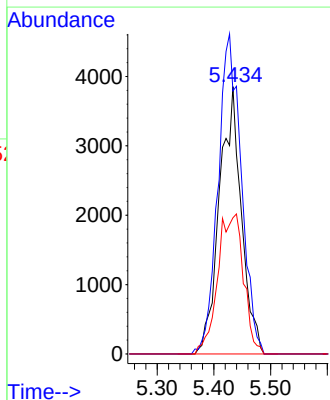
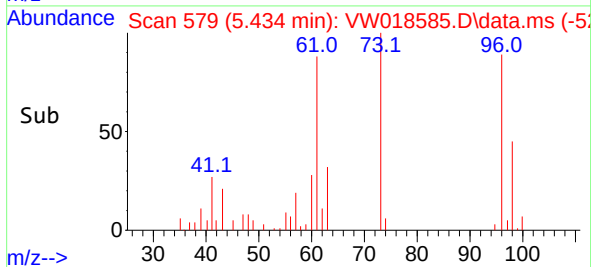


#18
trans-1,2-Dichloroethene
Concen: 1.82 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion: 96 Resp: 10369

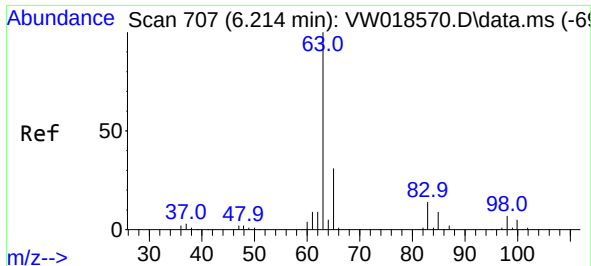
Ion	Ratio	Lower	Upper
96	100		
61	98.4	93.3	173.3
98	50.9	45.2	84.0



Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

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#19

1,1-Dichloroethane

Concen: 1.82 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW018585.D

Acq: 07 Apr 2021 16:54

Tgt Ion:	63	Resp:	17740
Ion	Ratio	Lower	Upper
63	100		
65	34.5	23.5	43.7
83	10.6	10.3	19.1

Instrument :

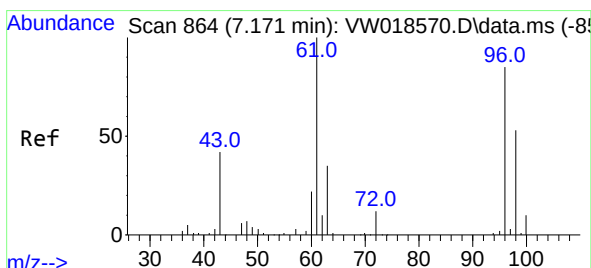
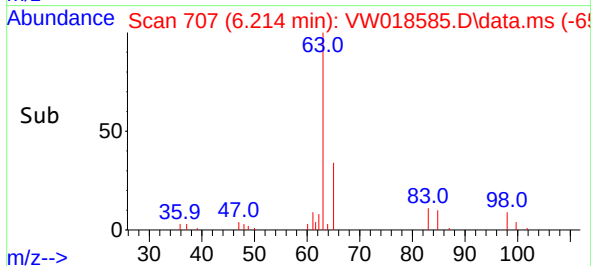
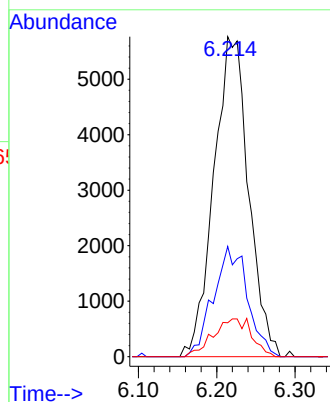
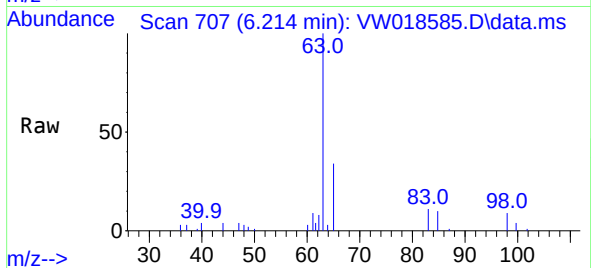
MSVOA_W

ClientSampleId :

VIBLK22

Manual Integrations
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#21

2-Butanone

Concen: 11.40 ug/L m

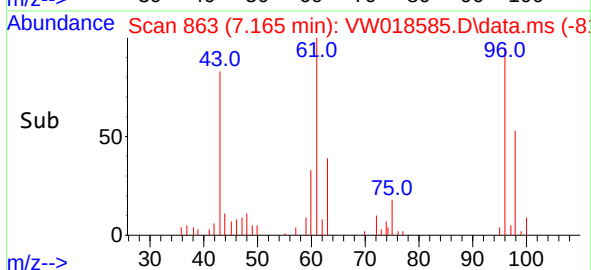
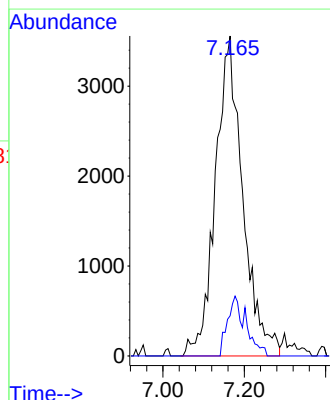
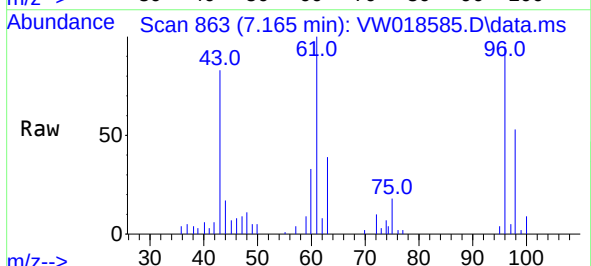
RT: 7.165 min Scan# 863

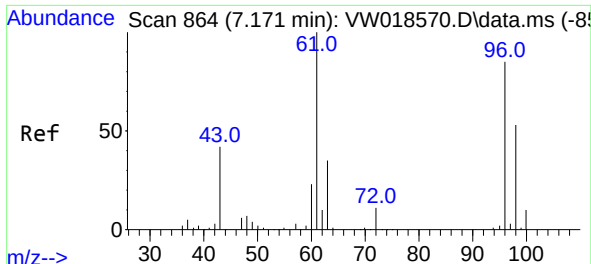
Delta R.T. -0.006 min

Lab File: VW018585.D

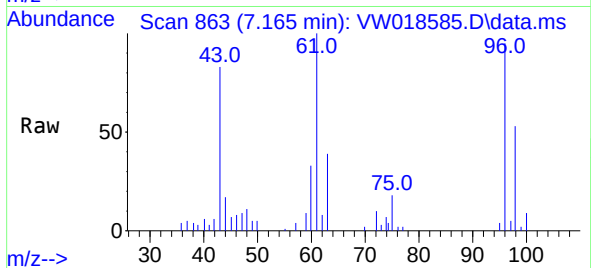
Acq: 07 Apr 2021 16:54

Tgt Ion:	43	Resp:	16578
Ion	Ratio	Lower	Upper
43	100		
72	8.7	16.5	49.5#

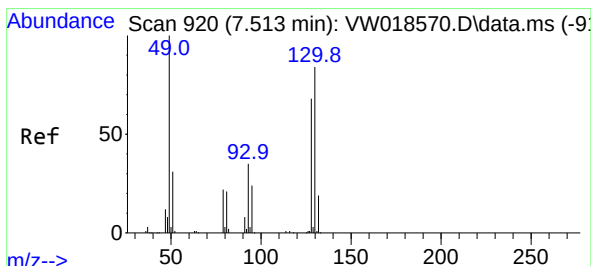
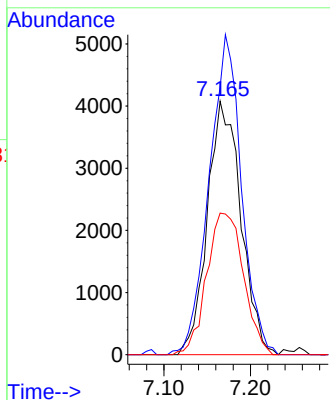
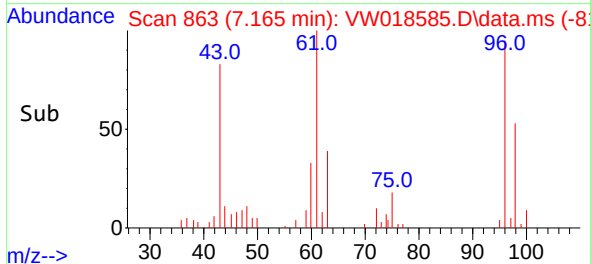




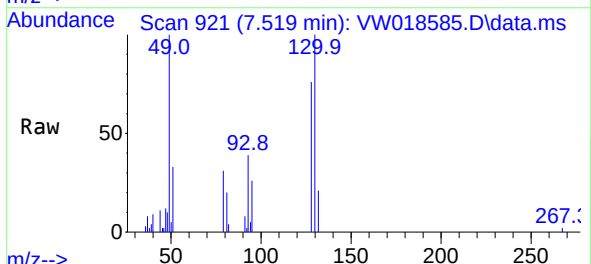
#22
cis-1,2-Dichloroethene
Concen: 1.83 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



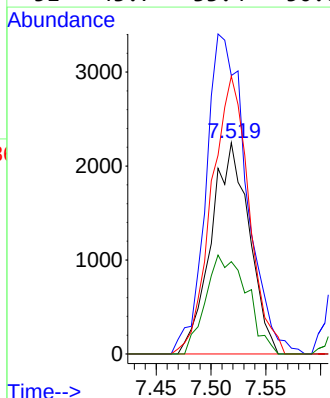
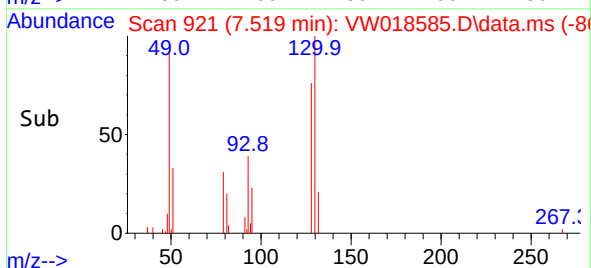
Tgt Ion: 96 Resp: 10987
Ion Ratio Lower Upper
96 100
61 105.5 84.8 157.6
98 55.9 45.1 83.9



#23
Bromochloromethane
Concen: 2.05 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



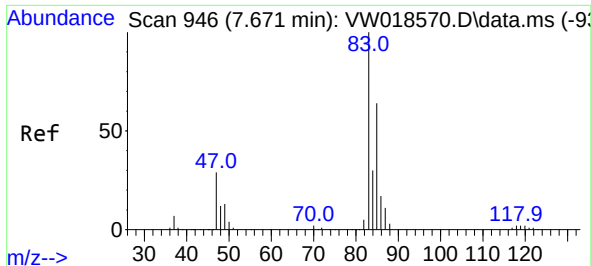
Tgt Ion: 128 Resp: 5435
Ion Ratio Lower Upper
128 100
49 131.8 92.4 171.6
130 131.5 83.9 155.7
51 43.7 33.4 50.0



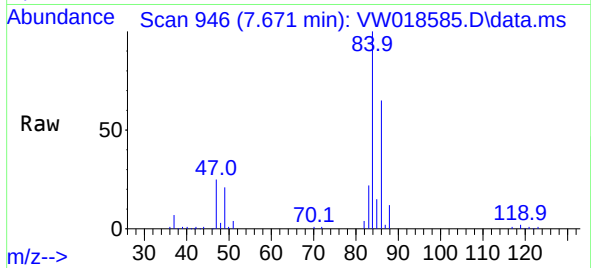
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

Manual Integrations
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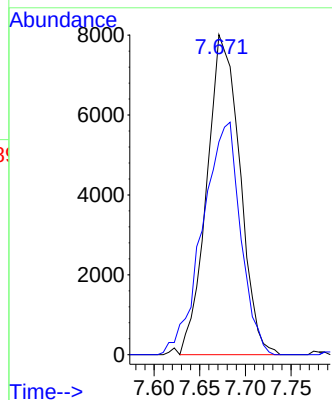
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#25
Chloroform
Concen: 1.95 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



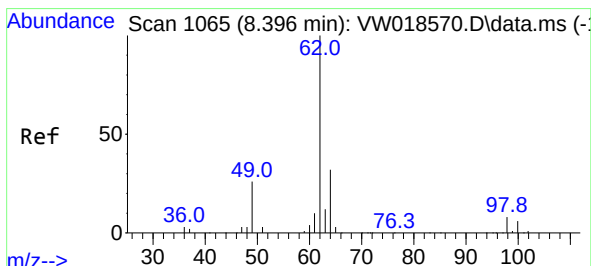
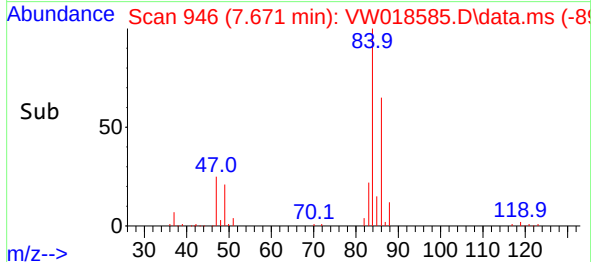
Tgt Ion: 83 Resp: 20142
Ion Ratio Lower Upper
83 100
85 83.5 46.4 86.2



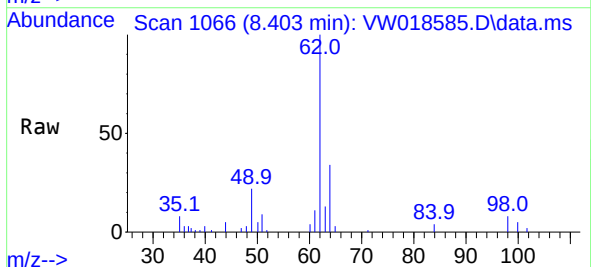
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

Manual Integrations
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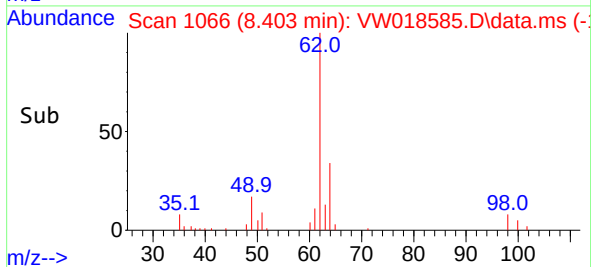
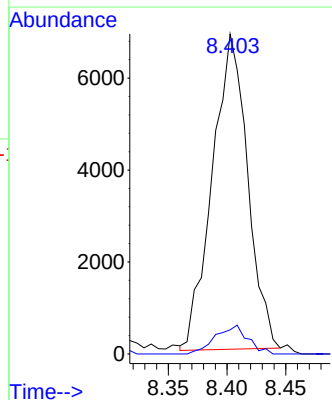
MMDadoda
4/9/2021 9:27:49 AM

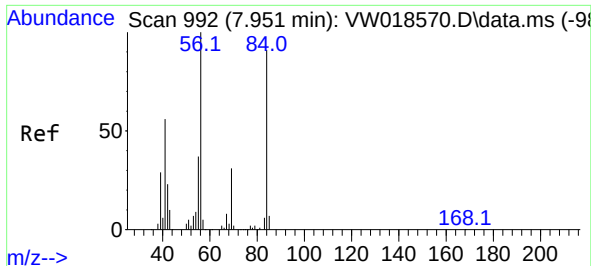


#27
1,2-Dichloroethane
Concen: 1.96 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

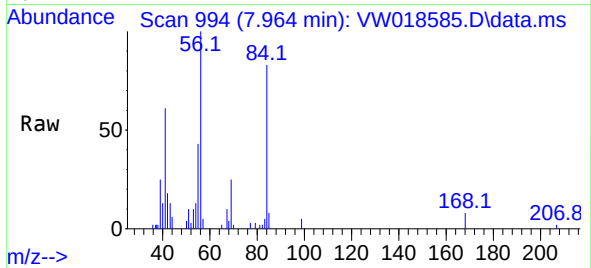


Tgt Ion: 62 Resp: 14368
Ion Ratio Lower Upper
62 100
98 7.5 6.4 9.6

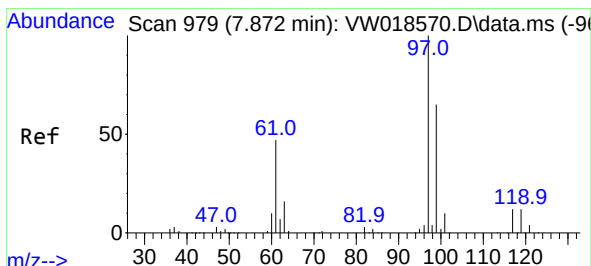
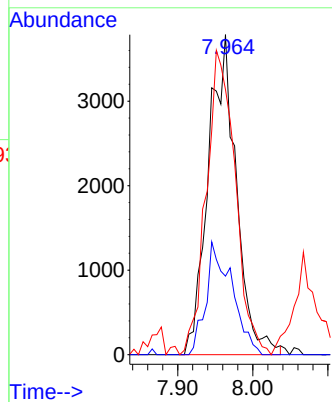
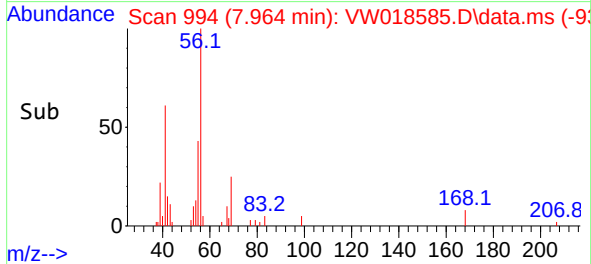




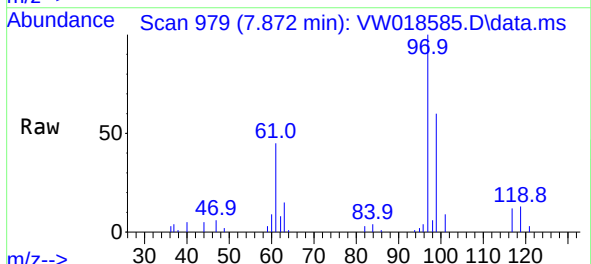
#30
Cyclohexane
Concen: 1.31 ug/L m
RT: 7.964 min Scan# 994
Delta R.T. 0.012 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



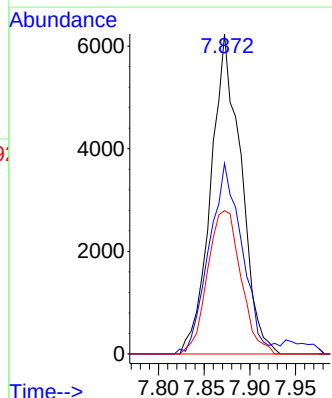
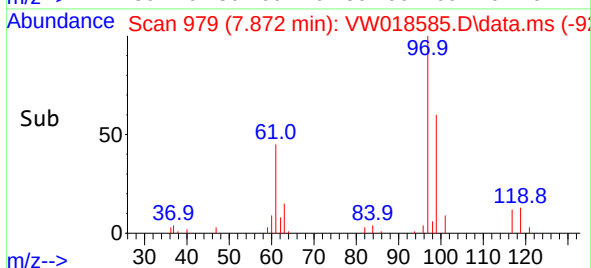
Tgt Ion: 56 Resp: 9848
Ion Ratio Lower Upper
56 100
69 21.9 27.0 40.6#
84 97.6 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 2.02 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



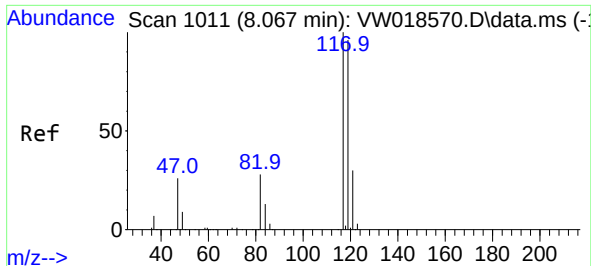
Tgt Ion: 97 Resp: 14319
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 49.6 34.8 52.2



Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

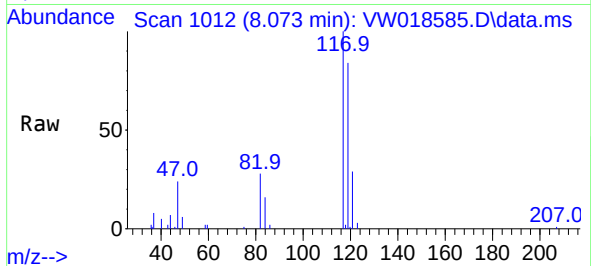
Manual Integrations
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#32
Carbon tetrachloride
Concen: 1.80 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

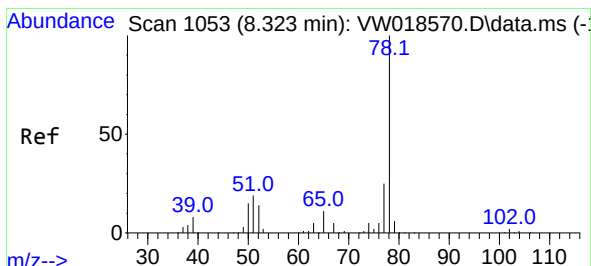
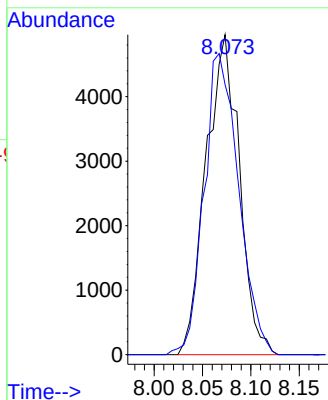
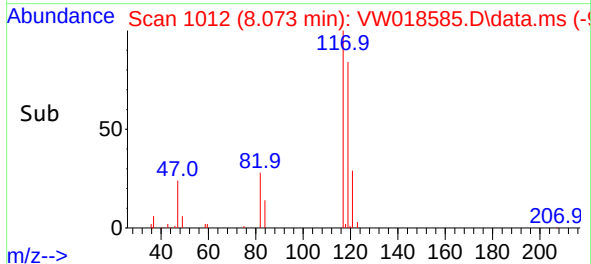
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22



Tgt Ion:117 Resp: 11897
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1

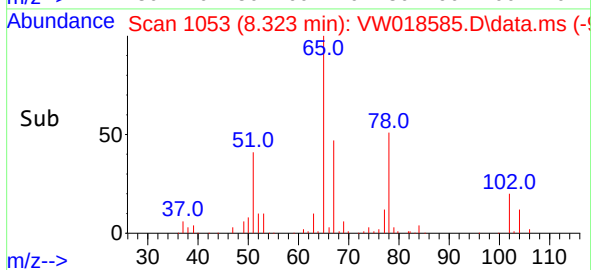
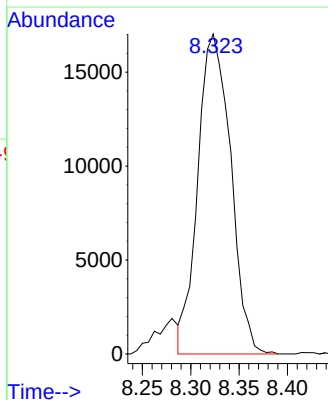
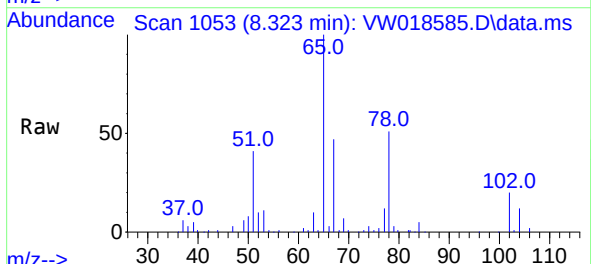
Manual Integrations
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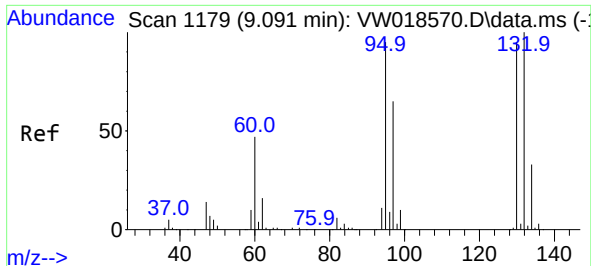
MMDadoda
4/9/2021 9:27:49 AM



#34
Benzene
Concen: 2.19 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 78 Resp: 40219





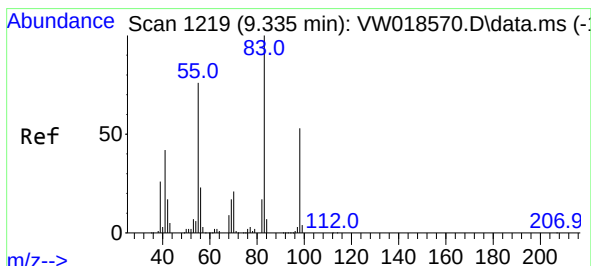
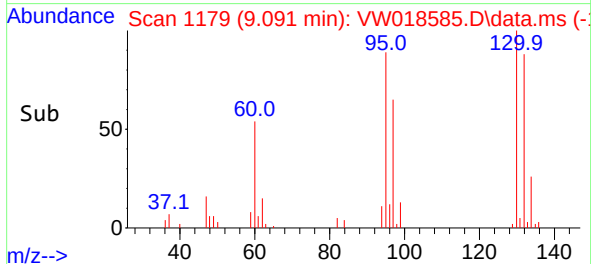
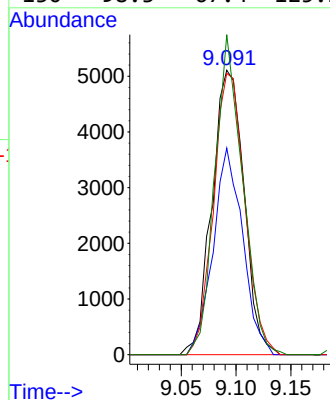
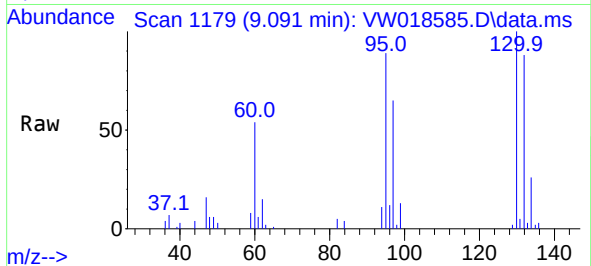
#35
Trichloroethene
Concen: 2.04 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion:	95	Resp:	10356
Ion	Ratio	Lower	Upper
95	100		
97	67.4	44.4	82.4
132	96.8	65.9	122.5
130	98.3	67.4	125.2

Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

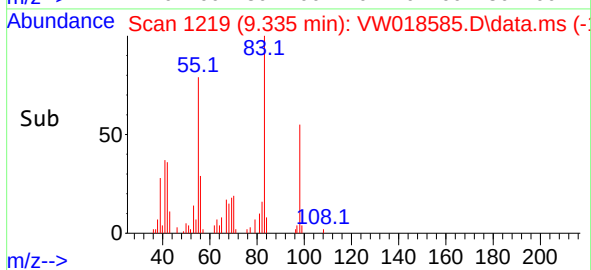
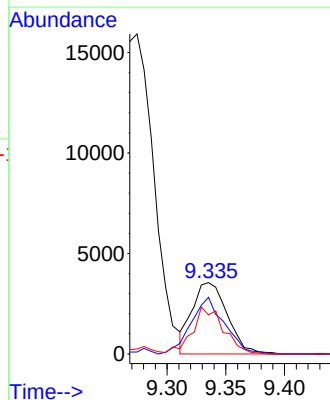
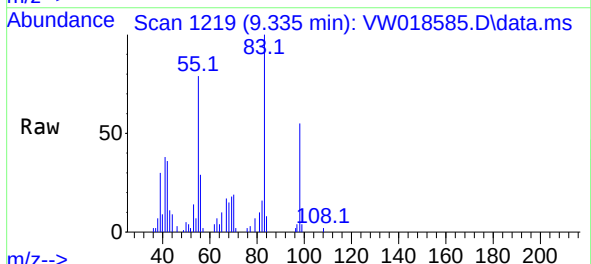
Manual Integrations
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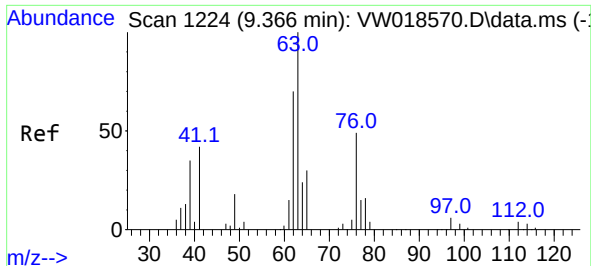
MMDadoda
4/9/2021 9:27:49 AM



#36
Methylcyclohexane
Concen: 0.83 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

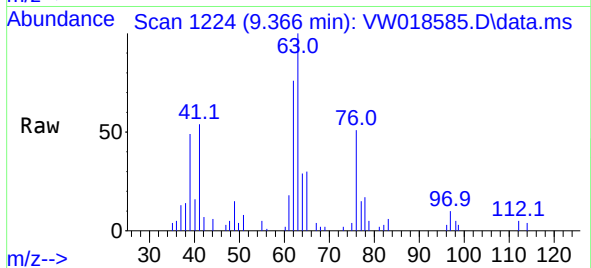
Tgt Ion:	83	Resp:	7404
Ion	Ratio	Lower	Upper
83	100		
55	75.2	56.8	85.2
98	58.4	40.6	61.0





#40
1,2-Dichloropropane
Concen: 2.23 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

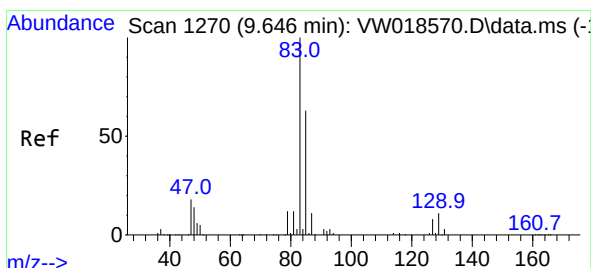
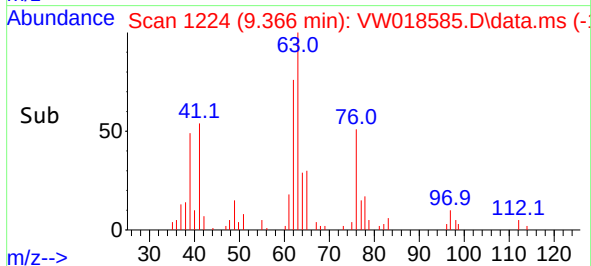
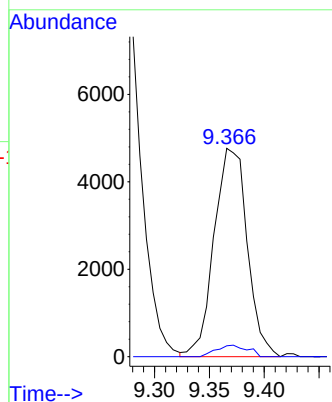
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



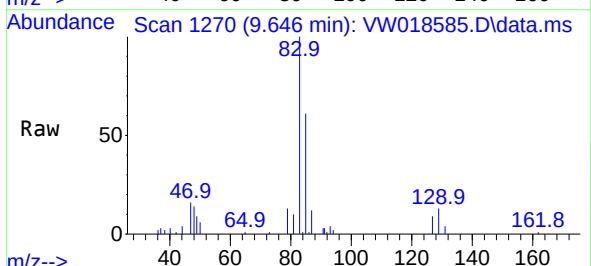
Tgt Ion: 63 Resp: 10016
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4

Manual Integrations
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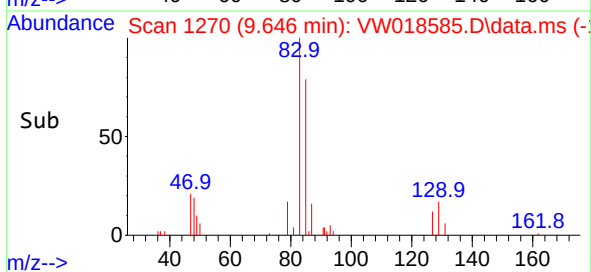
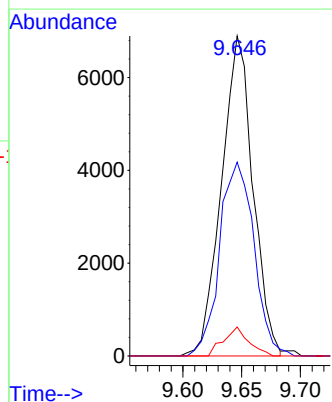
MMDadoda
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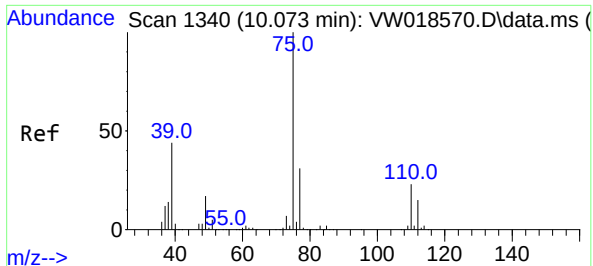


#41
Bromodichloromethane
Concen: 2.02 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion: 83 Resp: 12875
Ion Ratio Lower Upper
83 100
85 60.6 43.8 81.4
127 9.0 6.9 10.3





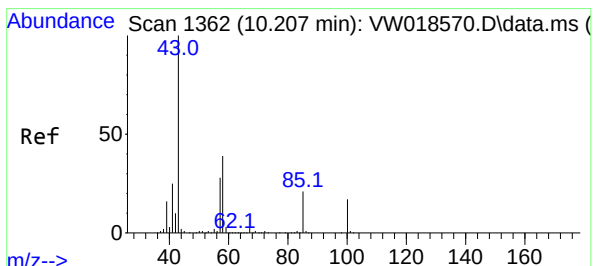
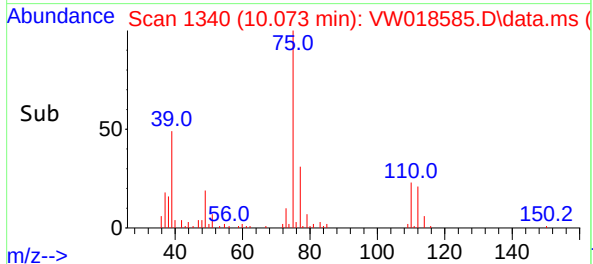
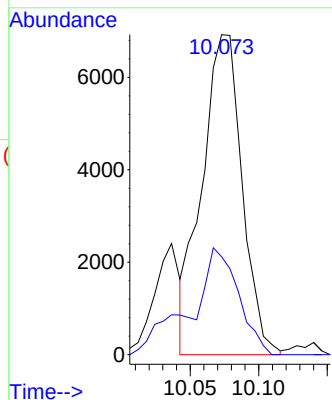
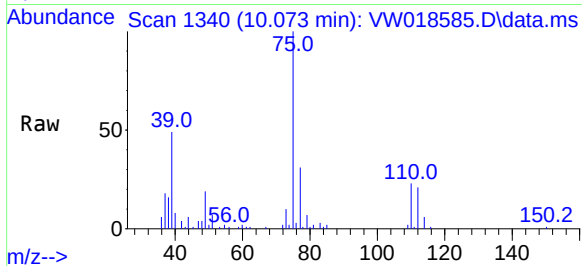
#42
cis-1,3-Dichloropropene
Concen: 1.86 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 75 Resp: 14133
Ion Ratio Lower Upper
75 100
77 30.6 22.4 41.6

Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

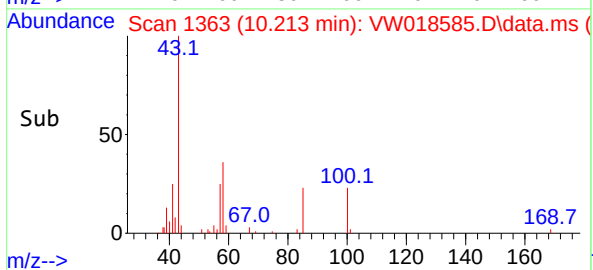
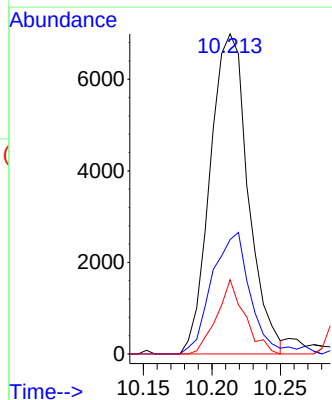
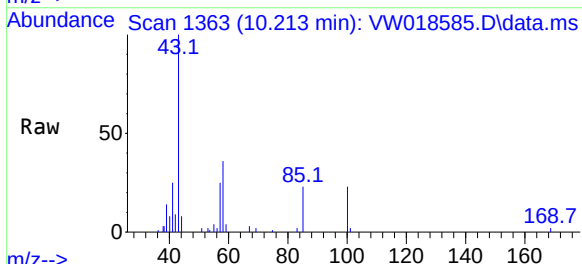
Manual Integrations
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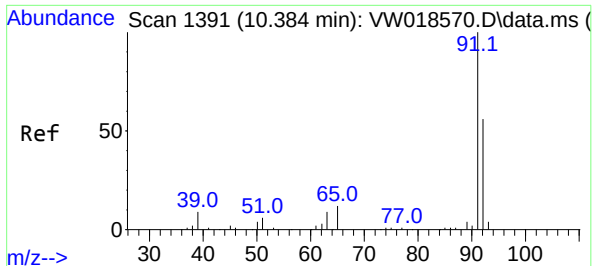
MMDadoda
4/9/2021 9:27:49 AM



#43
4-Methyl-2-pentanone
Concen: 4.99 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 43 Resp: 13488
Ion Ratio Lower Upper
43 100
58 38.4 34.8 52.2
100 17.1 15.9 23.9





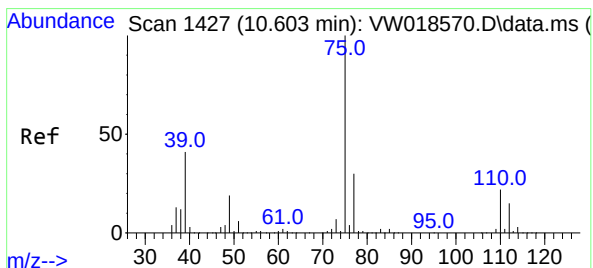
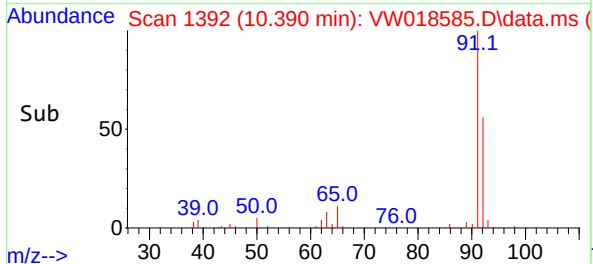
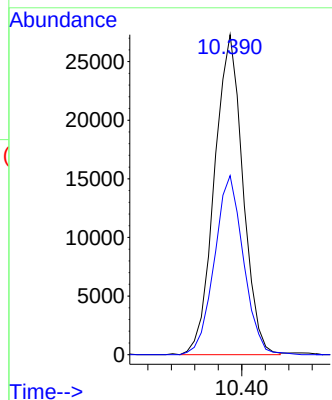
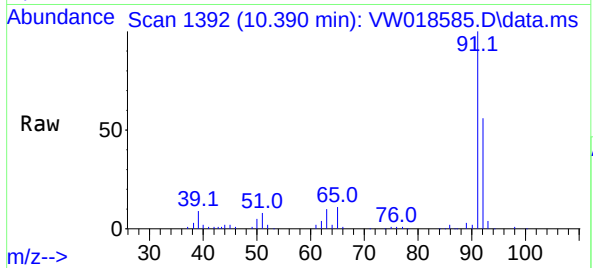
#44
Toluene
Concen: 2.19 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 91 Resp: 45828
Ion Ratio Lower Upper
91 100
92 55.9 42.3 78.5

Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

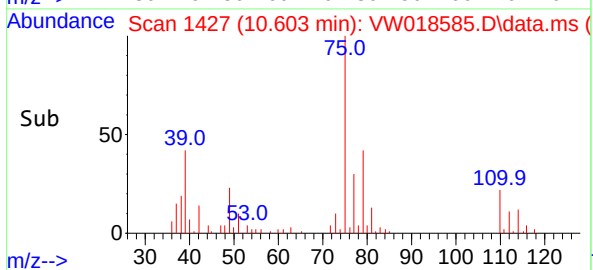
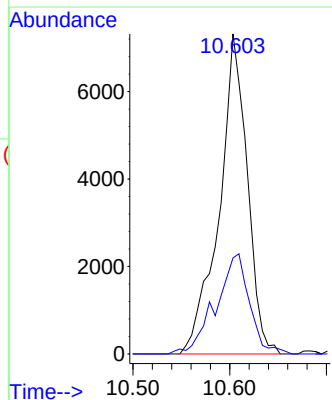
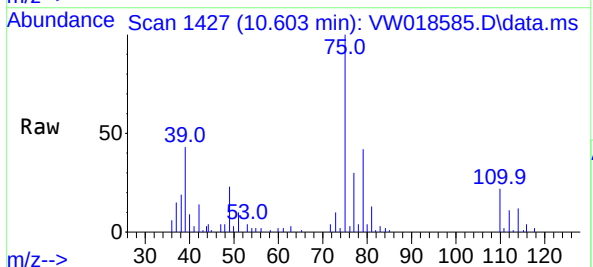
Manual Integrations
APPROVED

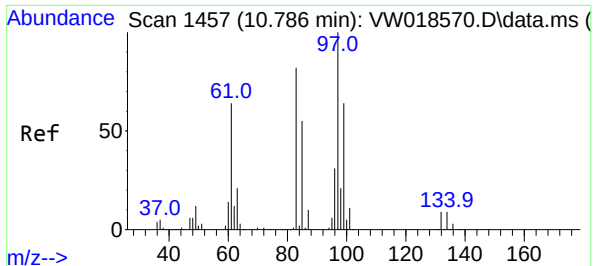
MMDadoda
4/9/2021 9:27:49 AM



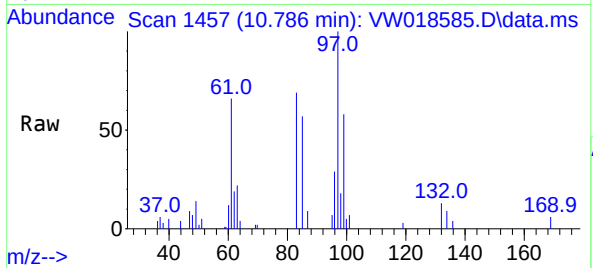
#45
trans-1,3-Dichloropropene
Concen: 2.16 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 75 Resp: 14747
Ion Ratio Lower Upper
75 100
77 30.0 22.6 42.0

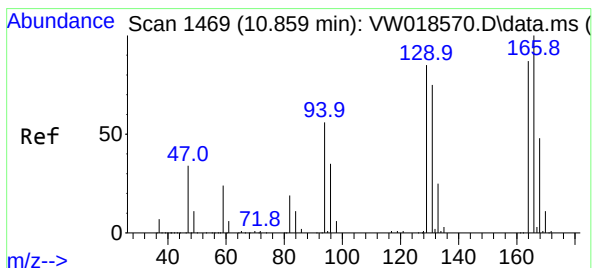
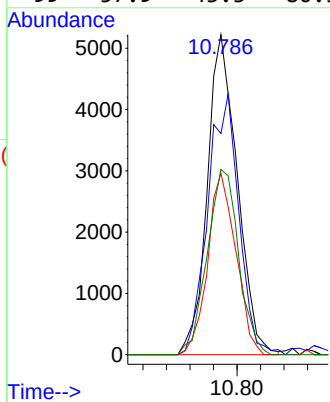
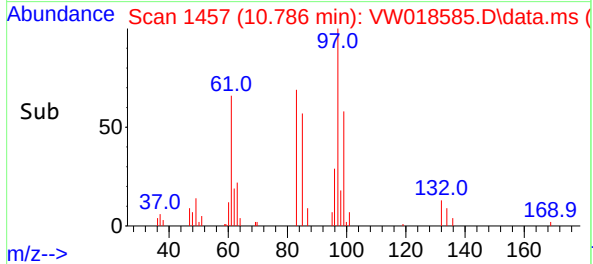




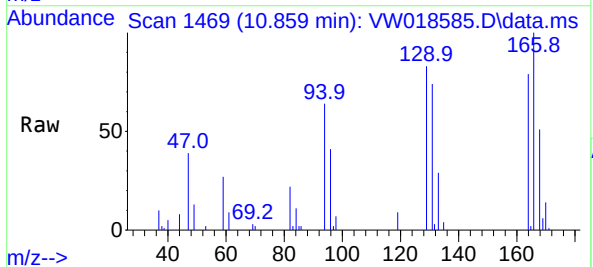
#46
1,1,2-Trichloroethane
Concen: 2.58 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



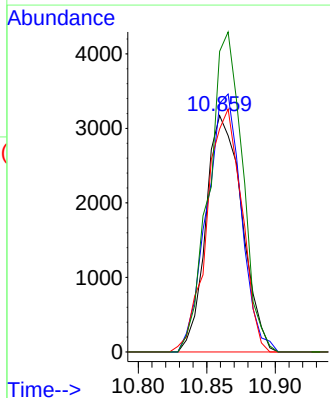
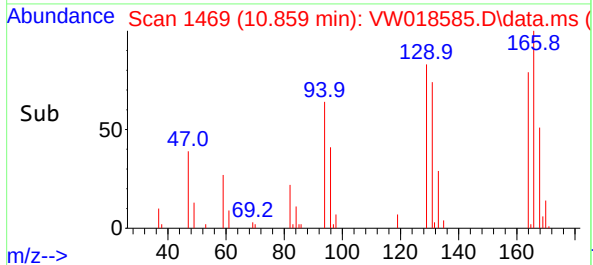
Tgt Ion:	97	Resp:	9247
Ion	Ratio	Lower	Upper
97	100		
83	69.1	58.9	109.5
85	56.7	38.4	71.4
99	57.9	43.3	80.3



#47
Tetrachloroethene
Concen: 1.51 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



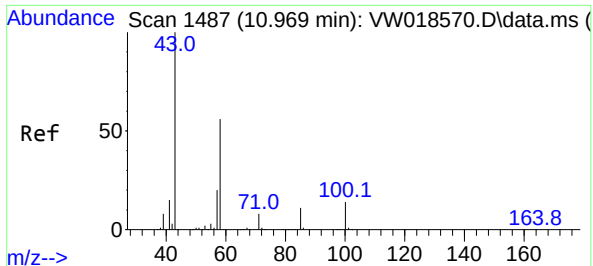
Tgt Ion:	164	Resp:	5818
Ion	Ratio	Lower	Upper
164	100		
129	105.2	68.8	127.8
131	97.8	68.3	126.8
166	127.2	95.4	177.2



Instrument :
MSVOA_W
ClientSampled :
VIBLK22

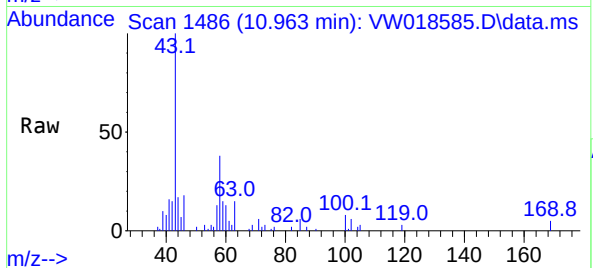
Manual Integrations
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4/9/2021 9:27:49 AM



#49
2-Hexanone
Concen: 8.05 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

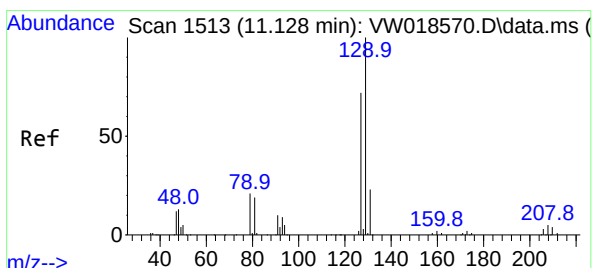
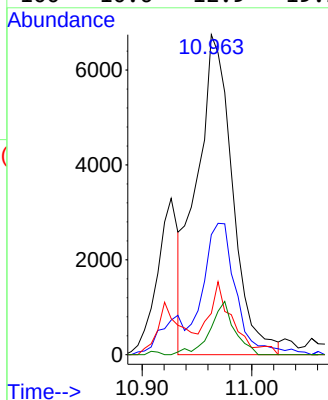
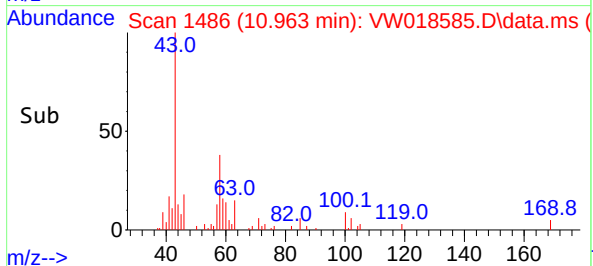
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



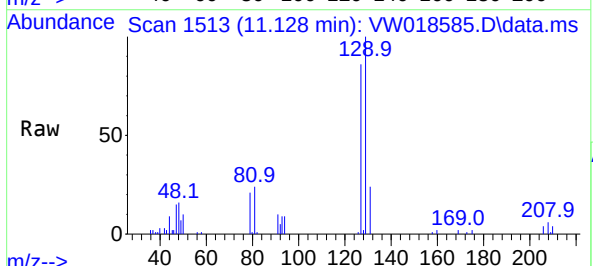
Tgt Ion: 43 Resp: 15410
Ion Ratio Lower Upper
43 100
58 37.1 47.3 70.9#
57 14.0 17.3 25.9#
100 10.6 12.9 19.3#

Manual Integrations
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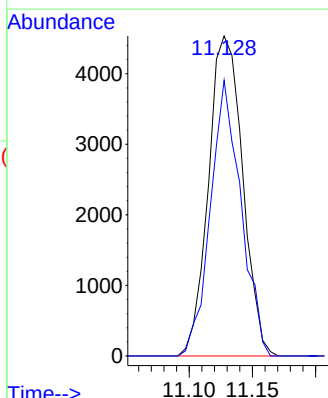
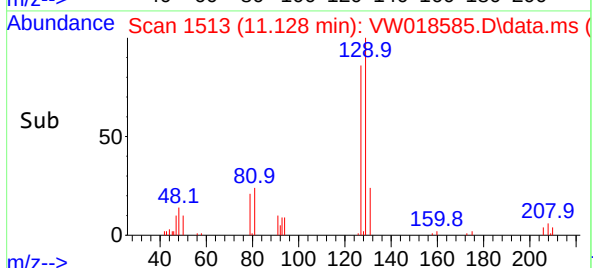
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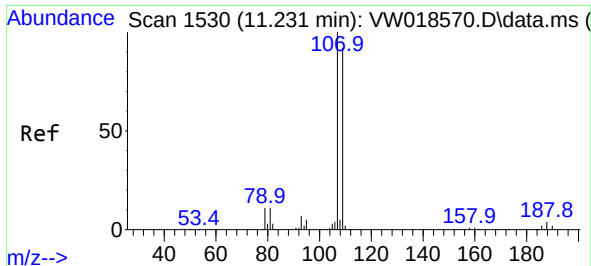


#50
Dibromochloromethane
Concen: 2.01 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion: 129 Resp: 8520
Ion Ratio Lower Upper
129 100
127 86.1 58.0 107.6





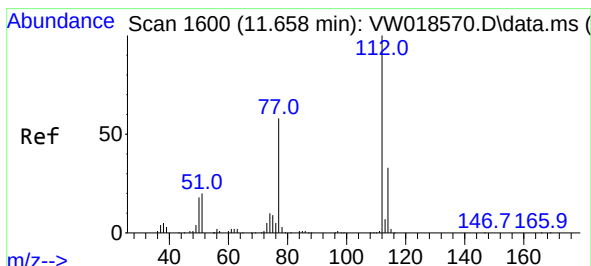
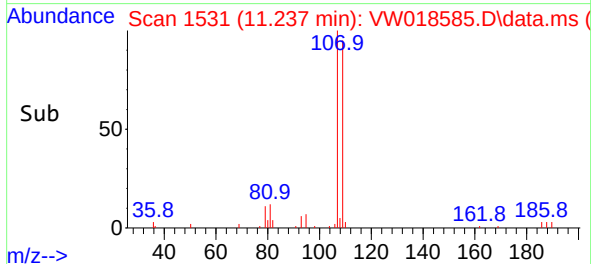
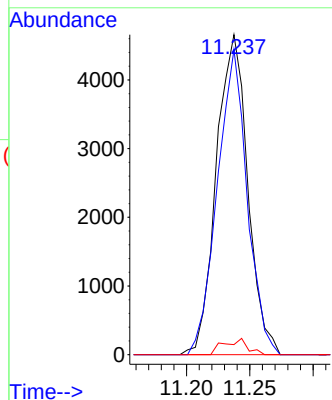
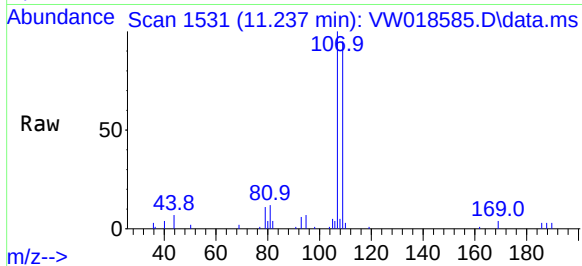
#51
1,2-Dibromoethane
Concen: 2.26 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion:107 Resp: 8040
Ion Ratio Lower Upper
107 100
109 95.3 65.9 122.5
188 3.1 3.0 4.4

Instrument :
MSVOA_W
ClientSampled :
VIBLK22

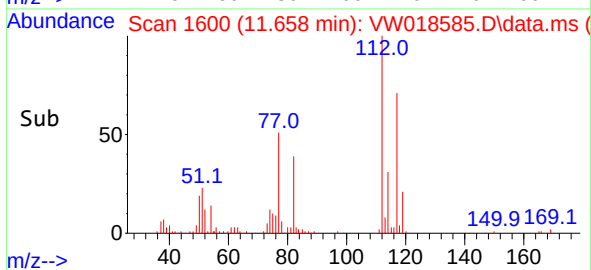
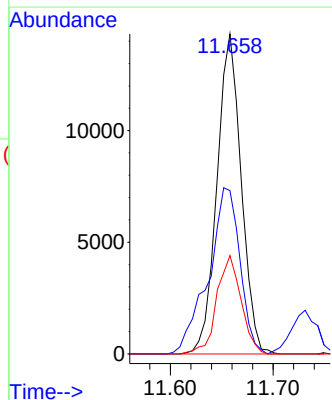
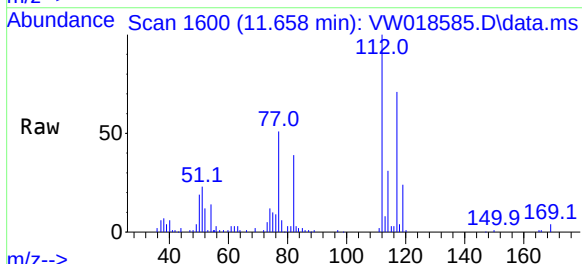
Manual Integrations
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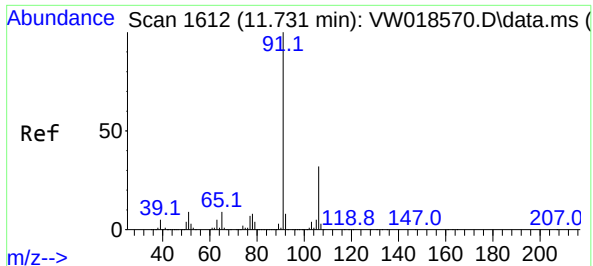
MMDadoda
4/9/2021 9:27:49 AM



#52
Chlorobenzene
Concen: 1.77 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

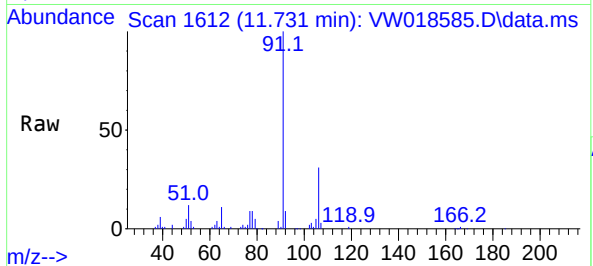
Tgt Ion:112 Resp: 23496
Ion Ratio Lower Upper
112 100
77 51.0 45.4 68.2
114 30.8 22.5 41.9





#53
Ethylbenzene
Concen: 1.60 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

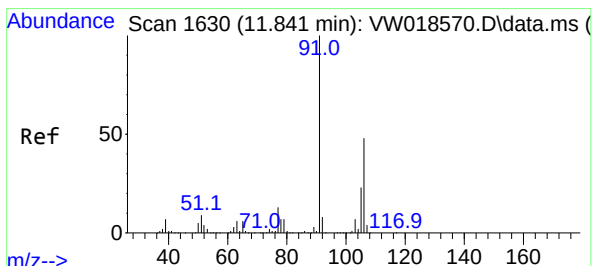
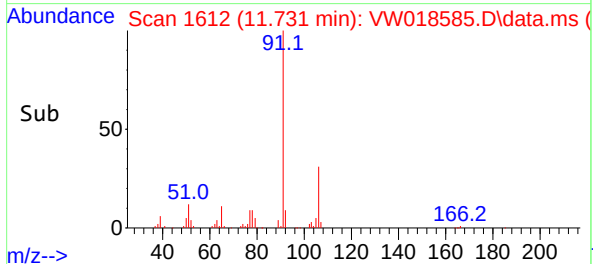
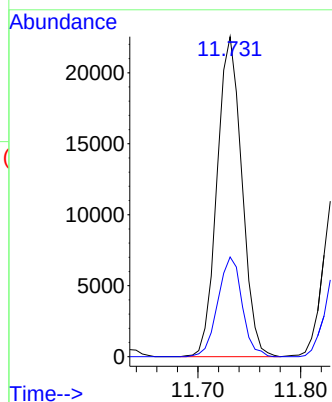
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



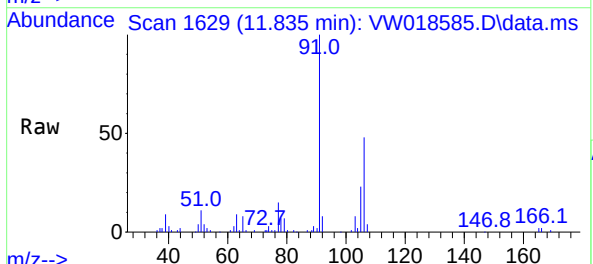
Tgt Ion: 91 Resp: 37746
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3

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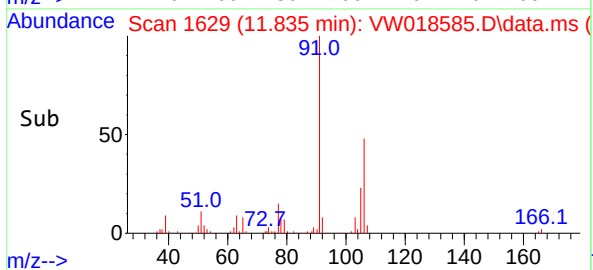
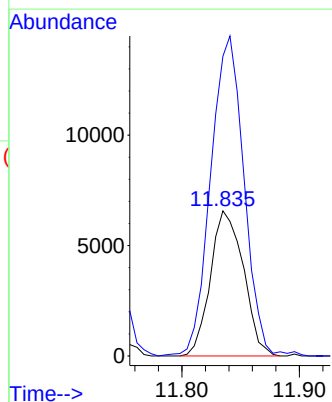
MMDadoda
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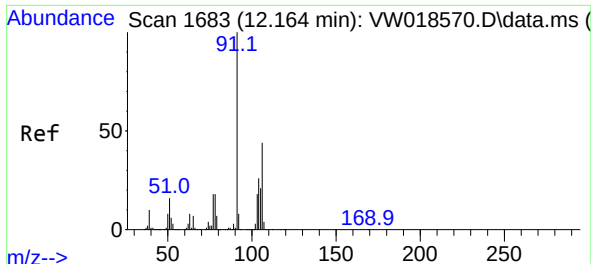


#54
m,p-Xylene
Concen: 1.43 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion:106 Resp: 12840
Ion Ratio Lower Upper
106 100
91 206.5 145.3 269.8





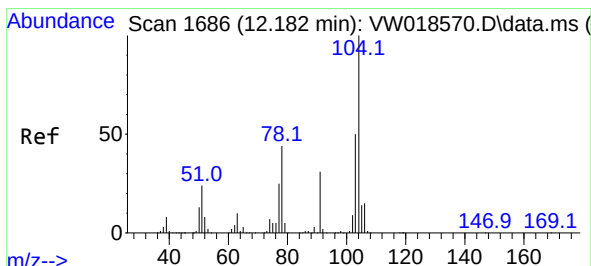
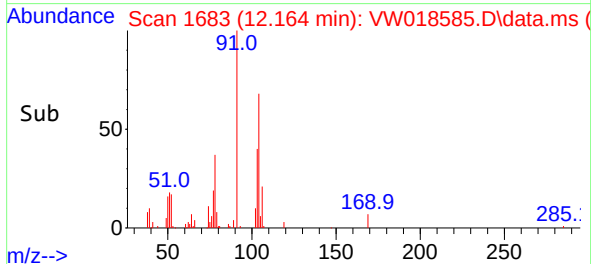
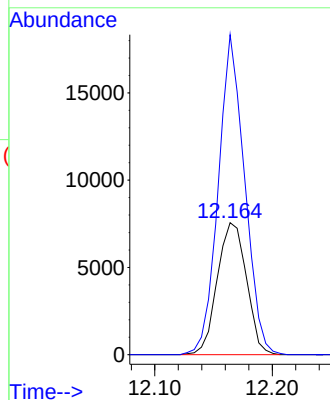
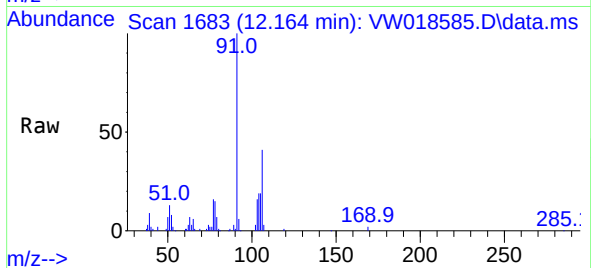
#55
o-xylene
Concen: 1.52 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion:106 Resp: 13055
Ion Ratio Lower Upper
106 100
91 242.4 154.3 286.5

Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

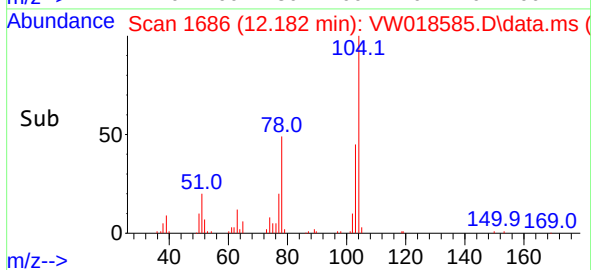
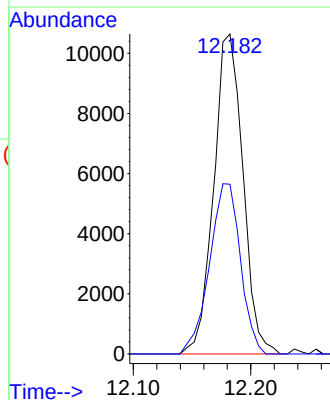
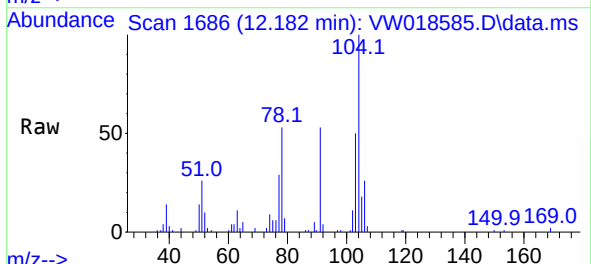
Manual Integrations
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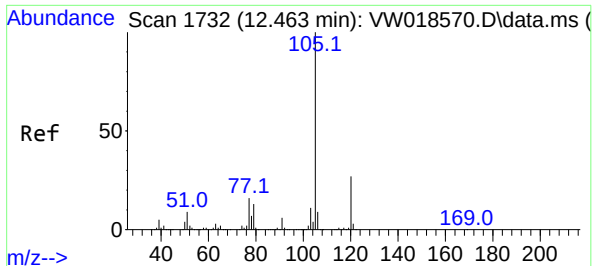
MMDadoda
4/9/2021 9:27:49 AM



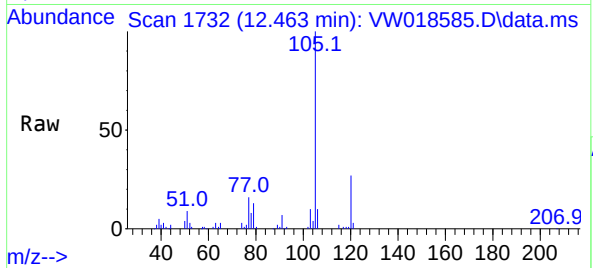
#56
Styrene
Concen: 1.26 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion:104 Resp: 18403
Ion Ratio Lower Upper
104 100
78 53.0 34.7 64.5

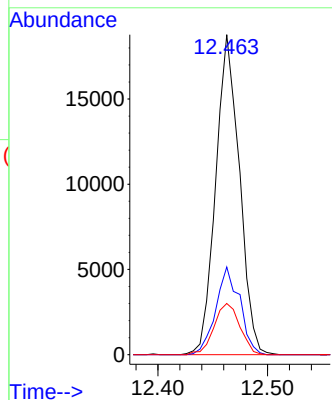




#57
Isopropylbenzene
Concen: 1.21 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



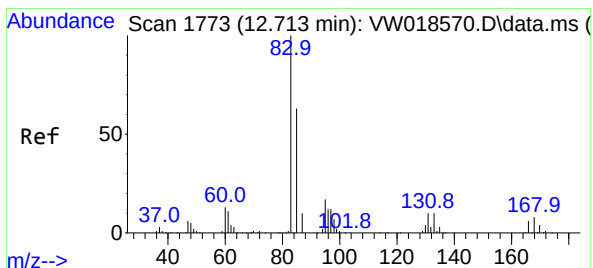
Tgt Ion:	105	Resp:	28286
Ion Ratio	Lower	Upper	
105	100		
120	27.7	20.9	31.3
77	17.4	13.2	19.8



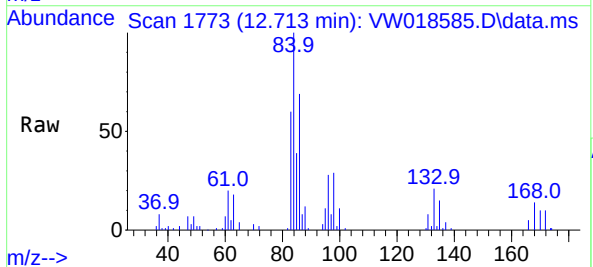
Instrument :
MSVOA_W
ClientSampled :
VIBLK22

Manual Integrations
APPROVED

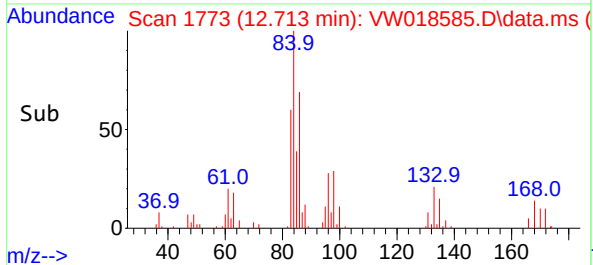
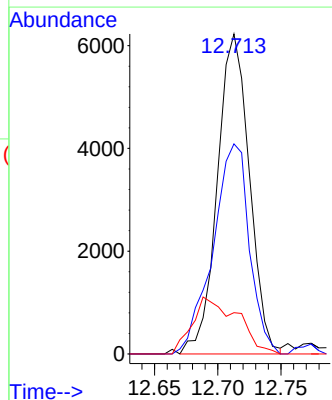
MMDadoda
4/9/2021 9:27:49 AM

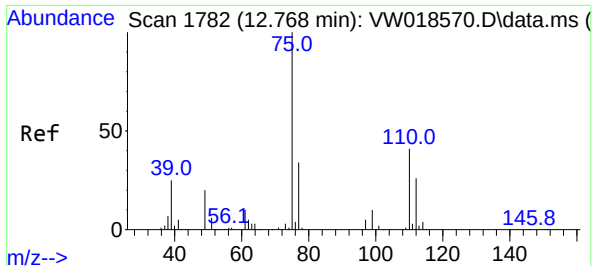


#58
1,1,2,2-Tetrachloroethane
Concen: 2.53 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion:	83	Resp:	10984
Ion Ratio	Lower	Upper	
83	100		
85	65.7	49.0	91.0
131	12.9	8.7	13.1





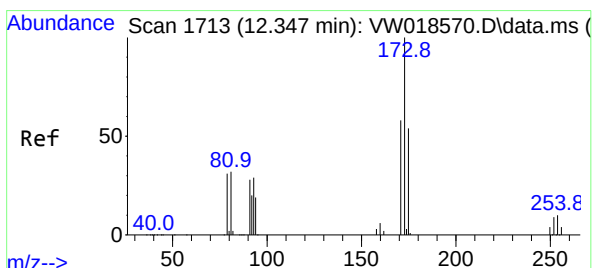
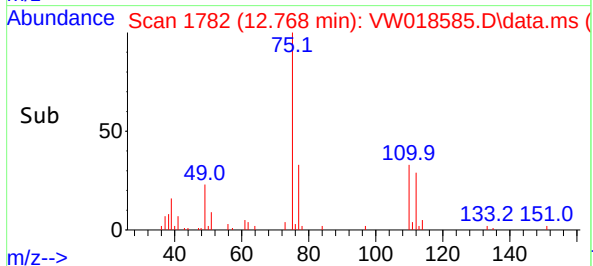
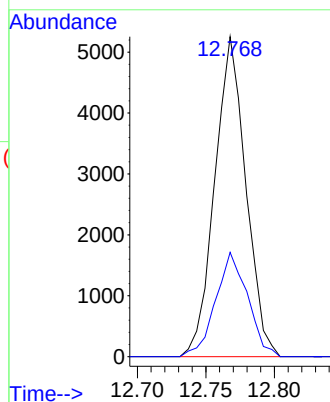
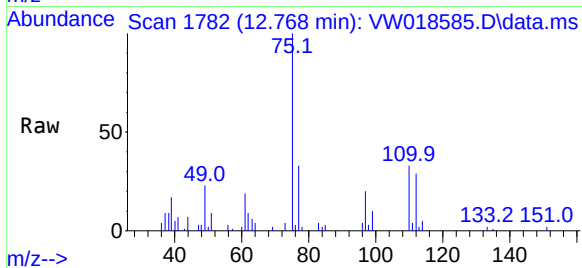
#59
1,2,3-Trichloropropane
Concen: 2.53 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

Tgt Ion: 75 Resp: 8300
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4

Instrument :
MSVOA_W
ClientSampled :
VIBLK22

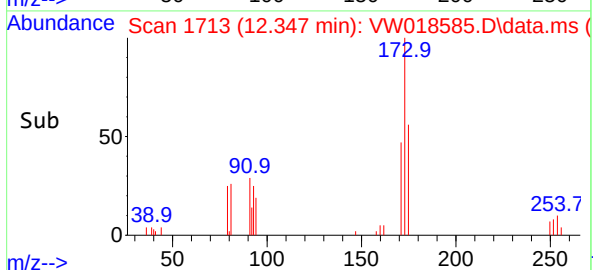
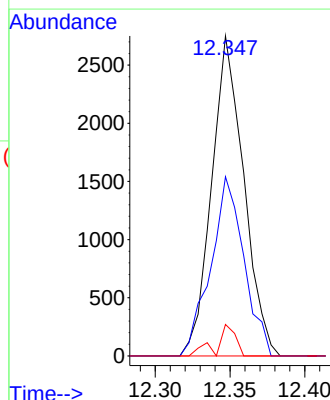
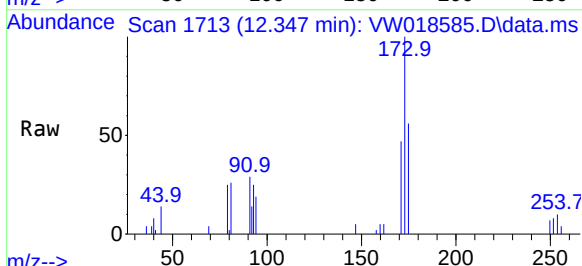
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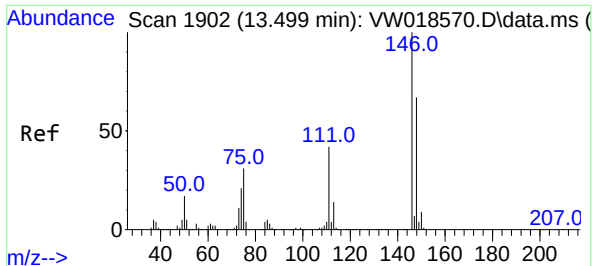
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#62
Bromoform
Concen: 2.75 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

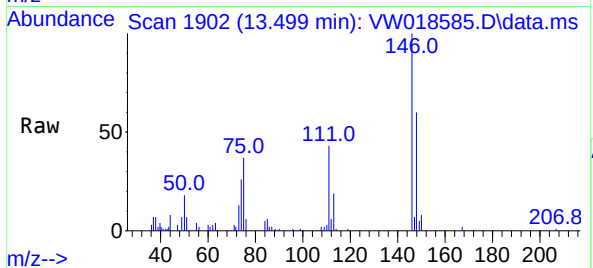
Tgt Ion:173 Resp: 4109
Ion Ratio Lower Upper
173 100
175 57.8 38.2 57.2#
254 4.1 6.0 9.0#





#63
1,3-Dichlorobenzene
Concen: 1.52 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

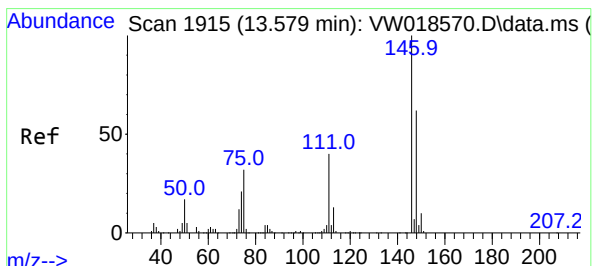
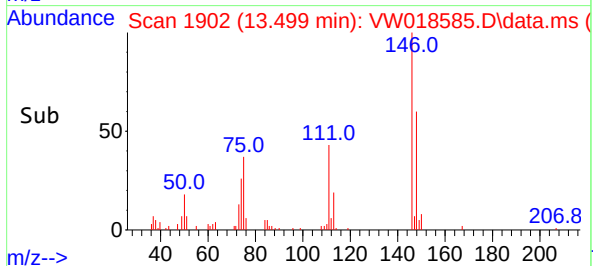
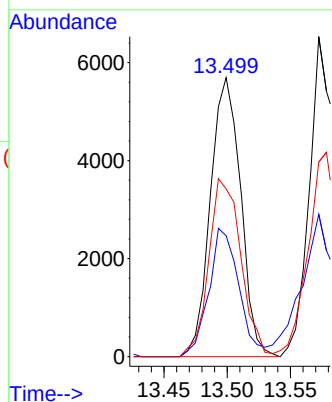
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



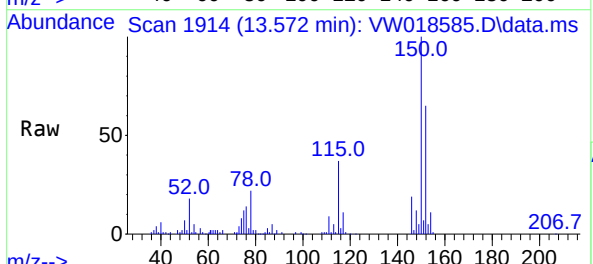
Tgt Ion:146 Resp: 9469
Ion Ratio Lower Upper
146 100
111 43.3 27.5 51.1
148 60.1 43.0 80.0

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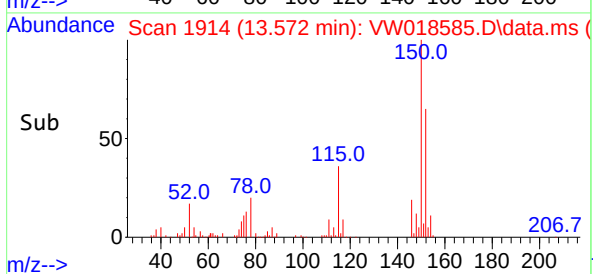
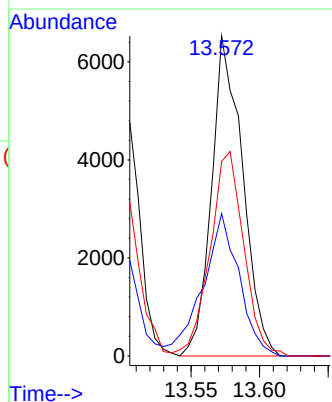
MMDadoda
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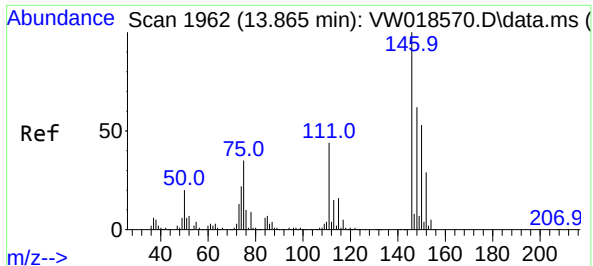


#64
1,4-Dichlorobenzene
Concen: 1.64 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



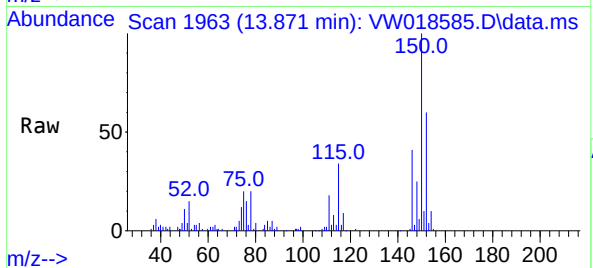
Tgt Ion:146 Resp: 10300
Ion Ratio Lower Upper
146 100
111 44.5 28.3 52.5
148 60.8 47.3 87.9





#65
1,2-Dichlorobenzene
Concen: 1.70 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

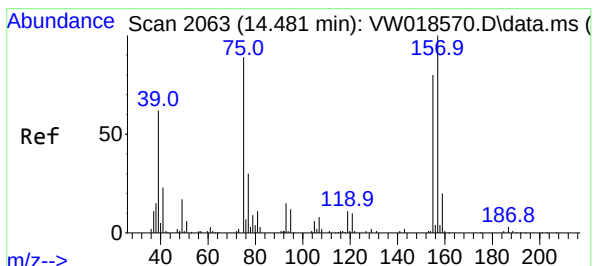
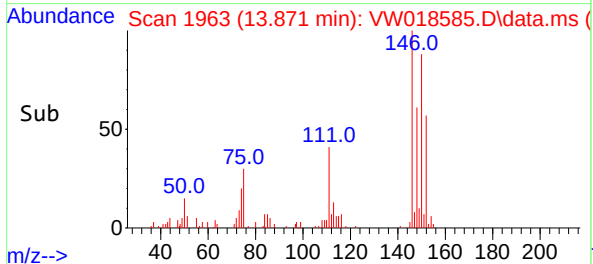
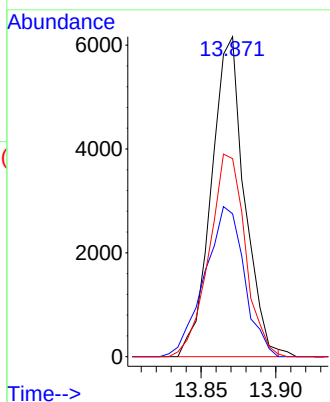
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



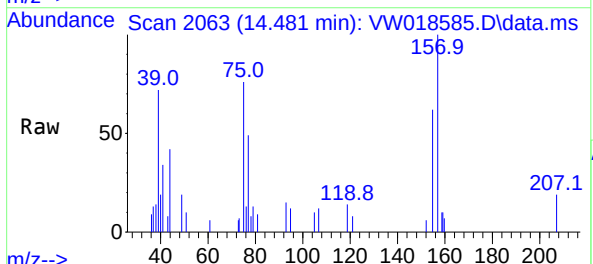
Tgt Ion:146 Resp: 9484
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 61.9 50.2 75.4

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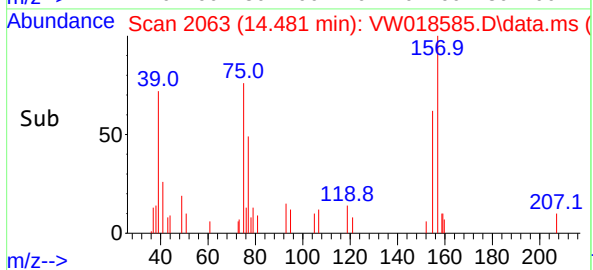
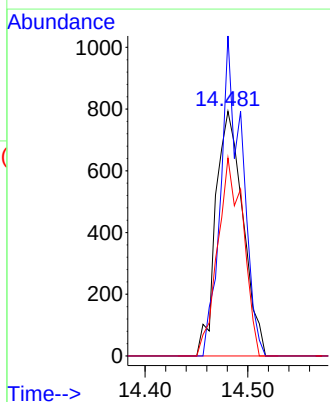
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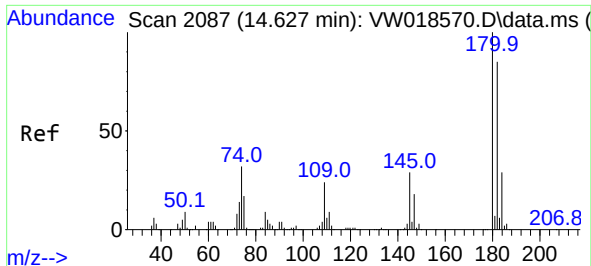


#66
1,2-Dibromo-3-chloropropane
Concen: 2.89 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



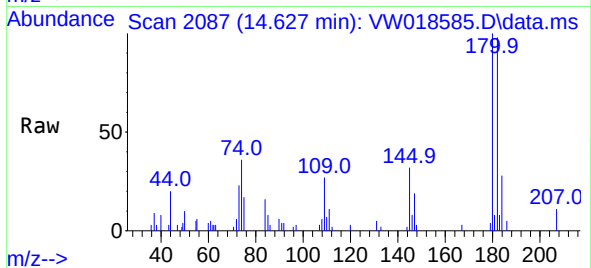
Tgt Ion: 75 Resp: 1455
Ion Ratio Lower Upper
75 100
157 130.8 65.2 97.8#
155 81.0 60.1 90.1





#67
1,3,5-Trichlorobenzene
Concen: 1.05 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

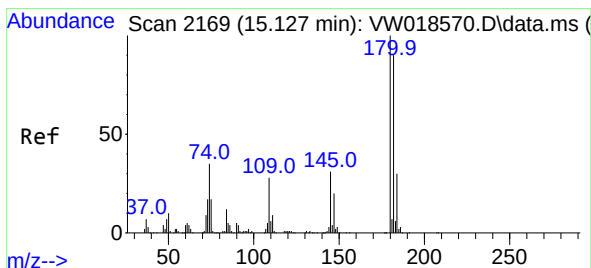
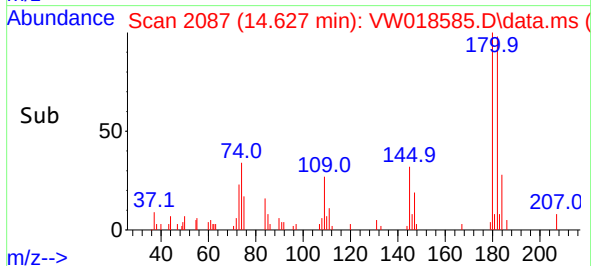
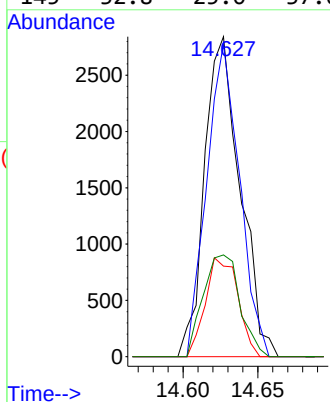
Instrument :
MSVOA_W
ClientSampled :
VIBLK22



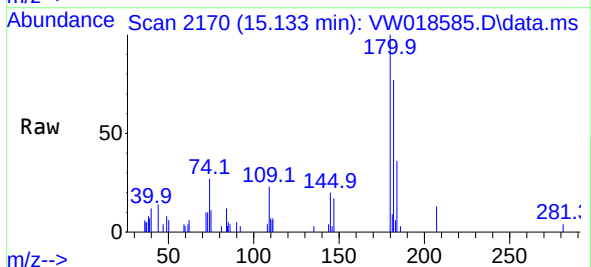
Tgt Ion:	180	Resp:	4698
Ion Ratio	Lower	Upper	
180	100		
182	90.2	71.8	107.8
184	28.2	23.5	35.3
145	32.8	25.0	37.6

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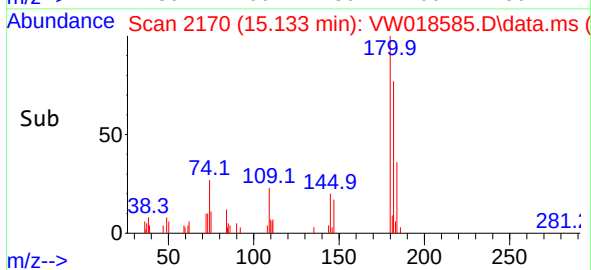
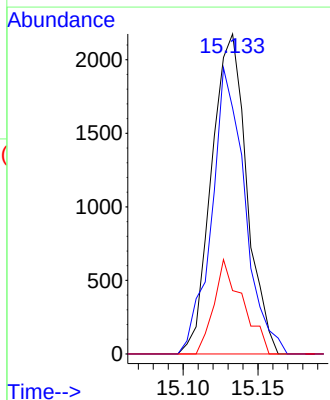
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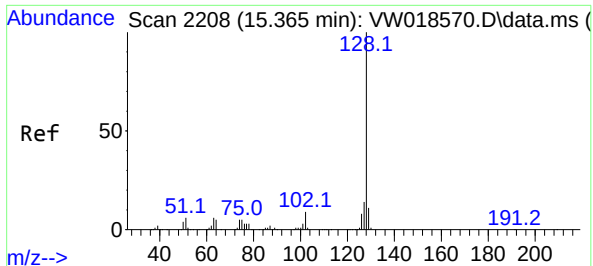


#68
1,2,4-trichlorobenzene
Concen: 0.93 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



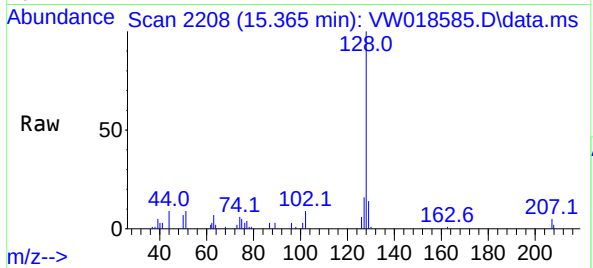
Tgt Ion:	180	Resp:	3552
Ion Ratio	Lower	Upper	
180	100		
182	84.5	70.2	105.4
145	24.1	24.9	37.3#





#69
Naphthalene
Concen: 1.20 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54

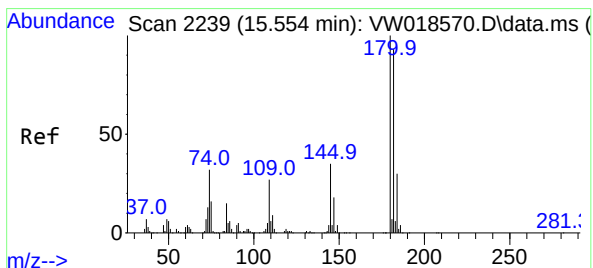
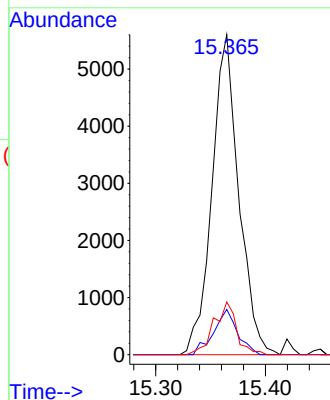
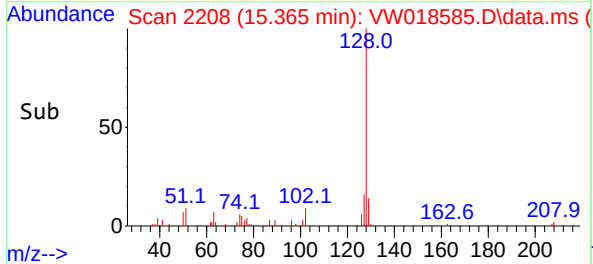
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22



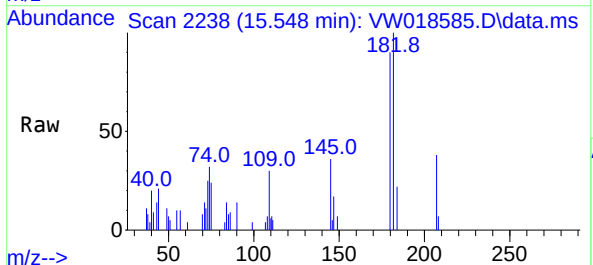
Tgt Ion:	128	Resp:	9528
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	13.9	10.7	16.1

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#70
1,2,3-Trichlorobenzene
Concen: 0.75 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018585.D
Acq: 07 Apr 2021 16:54



Tgt Ion:	180	Resp:	2518
Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.5	114.7
145	29.4	27.7	41.5

