

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
 Data File : VW020031.D
 Acq On : 15 Sep 2021 11:37
 Operator : SY/VA
 Sample : MDL04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:30:20 PM

Quant Time: Sep 16 01:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	291509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	133181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135407	28.202	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.800%			
7) Chloroethane-d5	2.898	69	108610	26.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.120%			
11) 1,1-Dichloroethene-d2	4.031	63	150779	19.212	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.840%			
21) 2-Butanone-d5	7.080	46	47996	36.541	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.080%			
24) Chloroform-d	7.653	84	206931	25.763	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.040%			
26) 1,2-Dichloroethane-d4	8.311	65	122229	25.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.320%			
32) Benzene-d6	8.281	84	414801	27.136	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.560%			
36) 1,2-Dichloropropane-d6	9.274	67	121261	26.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.960%			
41) Toluene-d8	10.329	98	379883	26.512	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.040%			
43) trans-1,3-Dichloroprop...	10.579	79	52169	25.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.040%			
47) 2-Hexanone-d5	10.927	63	34571	37.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.640%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98681	22.123	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	128071	28.217	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	2716	0.899	ug/L	90
3) Chloromethane	2.221	50	4609	1.132	ug/L	90
5) Vinyl chloride	2.373	62	6939	1.090	ug/L #	60
6) Bromomethane	2.788	94	4227	0.947	ug/L	97
8) Chloroethane	2.940	64	3812	0.981	ug/L	86
9) Trichlorofluoromethane	3.263	101	2943	0.792	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	5367	1.284	ug/L #	30
12) 1,1-Dichloroethene	4.050	96	4866m	1.230	ug/L	
13) Acetone	4.135	43	4181	3.352	ug/L	93
14) Carbon disulfide	4.391	76	12177	0.943	ug/L #	92
15) Methyl Acetate	4.684	43	1926m	0.885	ug/L	
16) Methylene chloride	4.922	84	10645	2.072	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	3840	0.921	ug/L #	82
18) Methyl tert-butyl Ether	5.434	73	4339m	0.834	ug/L	
19) 1,1-Dichloroethane	6.226	63	7361	0.987	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	4033	0.937	ug/L	99
22) 2-Butanone	7.177	43	3811m	2.438	ug/L	
23) Bromochloromethane	7.525	128	1910	0.958	ug/L	85
25) Chloroform	7.683	83	8848	1.130	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
 Data File : VW020031.D
 Acq On : 15 Sep 2021 11:37
 Operator : SY/VA
 Sample : MDL04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:30:20 PM

Quant Time: Sep 16 01:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	8.403	62	5428	0.991	ug/L	99
29) Cyclohexane	7.964	56	4643	0.736	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	6229	0.949	ug/L	99
31) Carbon tetrachloride	8.073	117	5695	0.930	ug/L	100
33) Benzene	8.329	78	17479	1.036	ug/L	100
34) Trichloroethene	9.098	95	3999	0.895	ug/L	87
35) Methylcyclohexane	9.341	83	6082	0.808	ug/L	93
37) 1,2-Dichloropropane	9.366	63	3984	0.976	ug/L	99
38) Bromodichloromethane	9.652	83	5592	1.015	ug/L #	83
39) cis-1,3-Dichloropropene	10.073	75	5675	0.921	ug/L	99
42) Toluene	10.390	91	23090	1.283	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	3195	0.978	ug/L	94
46) Tetrachloroethene	10.866	164	3119	0.903	ug/L	89
48) 2-Hexanone	10.969	43	3114	1.492	ug/L #	94
49) Dibromochloromethane	11.128	129	3343	0.891	ug/L	95
50) 1,2-Dibromoethane	11.238	107	2866	0.892	ug/L #	90
51) Chlorobenzene	11.658	112	11386	0.976	ug/L	96
52) Ethylbenzene	11.731	91	16182	0.823	ug/L	92
53) m,p-Xylene	11.841	106	6041	0.808	ug/L	93
54) o-Xylene	12.170	106	5055	0.716	ug/L	85
55) Styrene	12.182	104	7697	0.634	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	4489	1.049	ug/L #	95
59) Bromoform	12.347	173	1790	0.888	ug/L #	90
60) Isopropylbenzene	12.463	105	12863	0.728	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3020	0.970	ug/L	92
62) 1,3,5-Trimethylbenzene	12.945	105	10339	0.719	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	10498	0.744	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	7551	0.930	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	8609	1.040	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	7814	1.056	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	5020	0.893	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	3982	0.905	ug/L	95
71) Naphthalene	15.365	128	6290	0.669	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	3760	0.910	ug/L	94

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

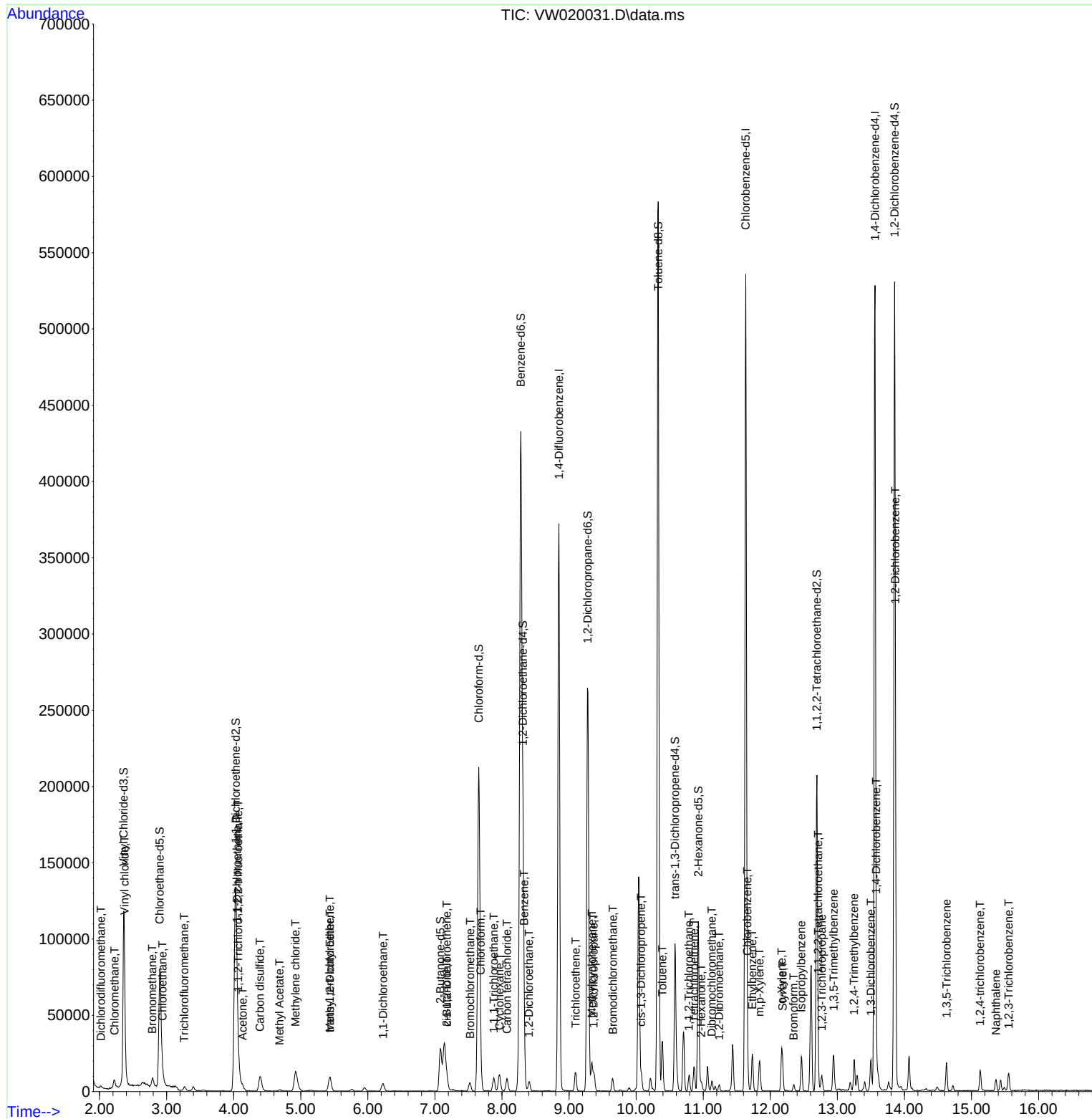
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020031.D
Acq On : 15 Sep 2021 11:37
Operator : SY/VA
Sample : MDL04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

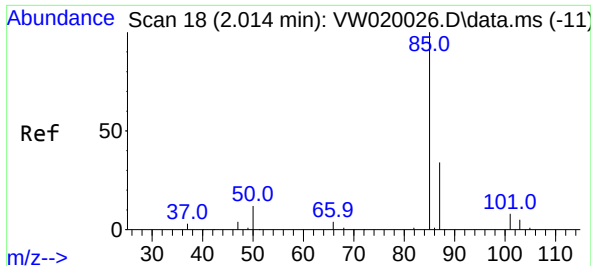
Instrument :
MSVOA_W
ClientSampleId :
MDL04

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM

Quant Time: Sep 16 01:01:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration





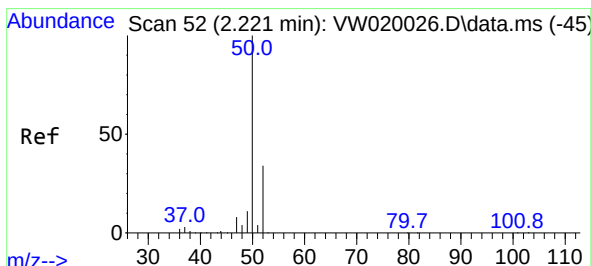
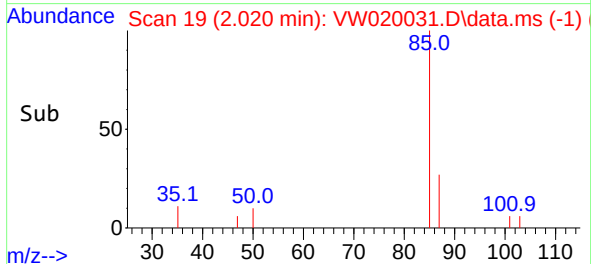
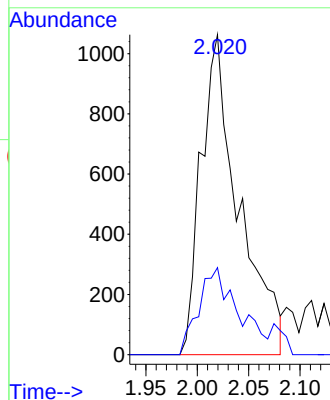
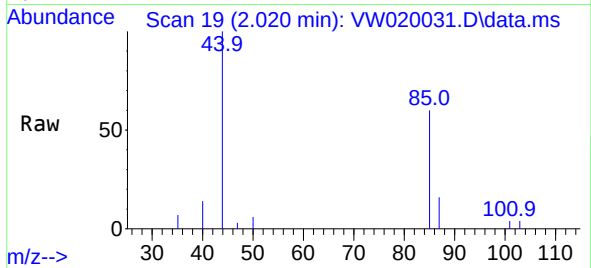
#2
Dichlorodifluoromethane
Concen: 0.899 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 85 Resp: 2716
Ion Ratio Lower Upper
85 100
87 23.7 23.3 34.9

Instrument :
MSVOA_W
ClientSampleId :
MDL04

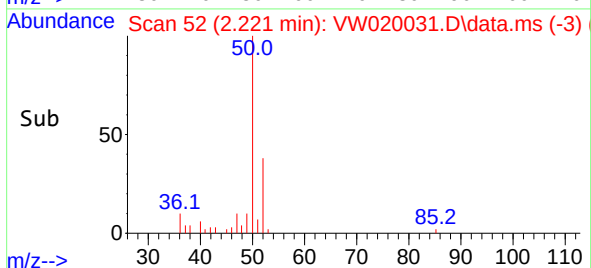
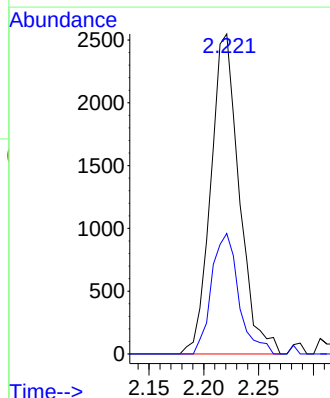
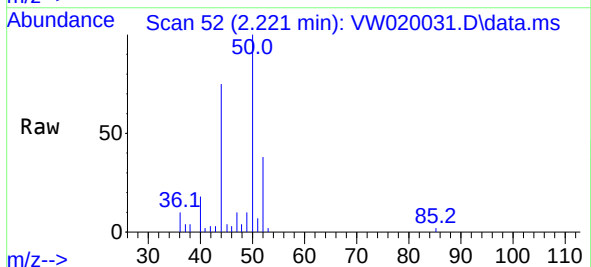
Manual Integrations
APPROVED

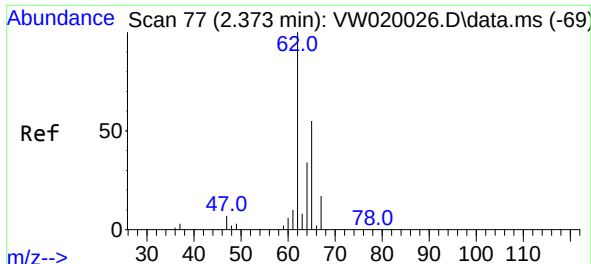
MMDadoda
9/17/2021 2:30:20 PM



#3
Chloromethane
Concen: 1.132 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 50 Resp: 4609
Ion Ratio Lower Upper
50 100
52 37.7 22.5 41.9





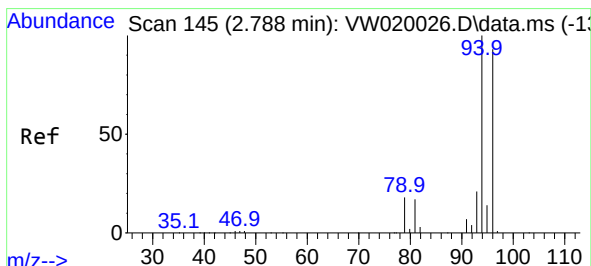
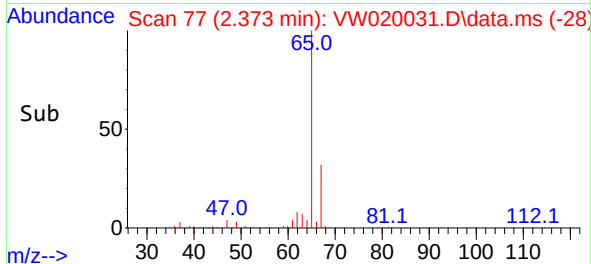
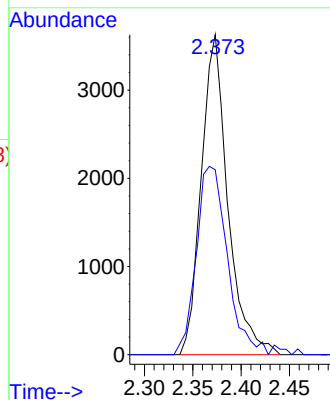
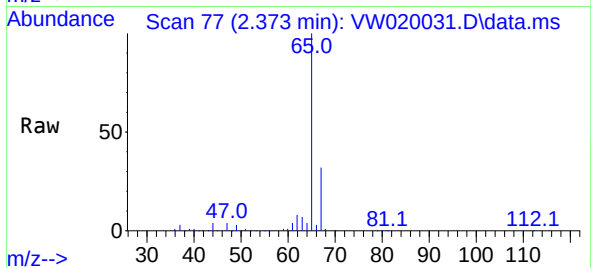
#5
 Vinyl chloride
 Concen: 1.090 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VW020031.D
 Acq: 15 Sep 2021 11:37

Tgt Ion: 62 Resp: 6939
 Ion Ratio Lower Upper
 62 100
 64 57.8 24.2 45.0#

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

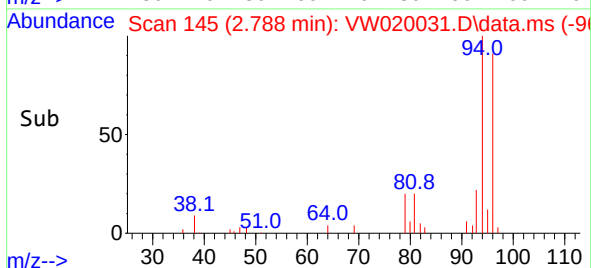
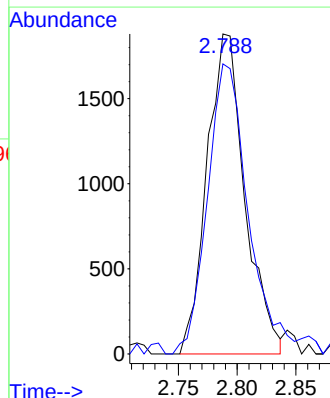
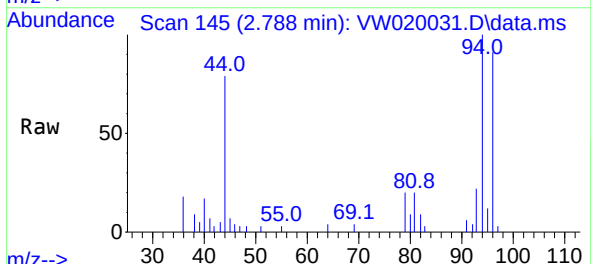
Manual Integrations
 APPROVED

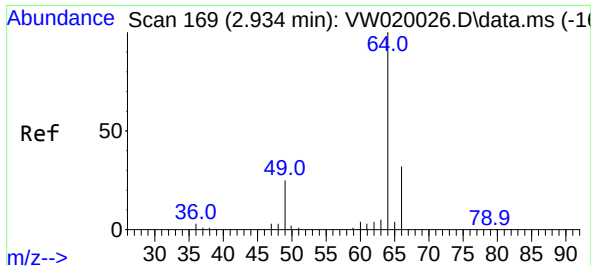
MMDadoda
 9/17/2021 2:30:20 PM



#6
 Bromomethane
 Concen: 0.947 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW020031.D
 Acq: 15 Sep 2021 11:37

Tgt Ion: 94 Resp: 4227
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.3 121.3





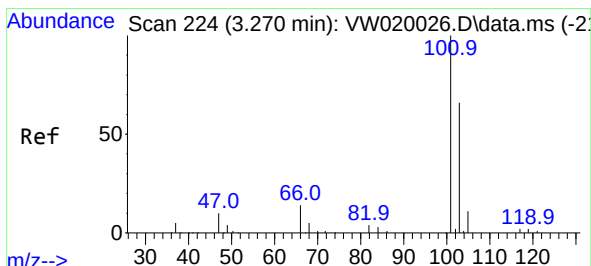
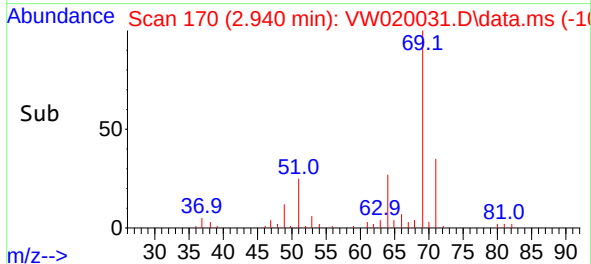
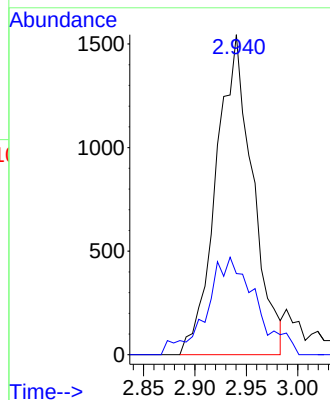
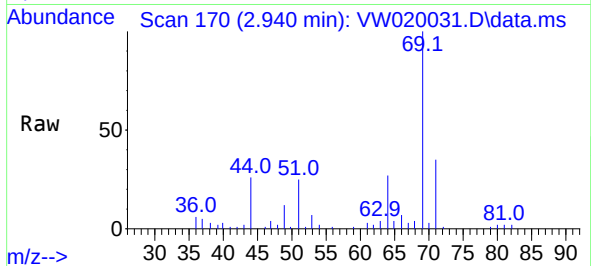
#8
Chloroethane
Concen: 0.981 ug/L
RT: 2.940 min Scan# 170
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion: 64 Resp: 3812
Ion Ratio Lower Upper
64 100
66 25.4 23.4 43.6

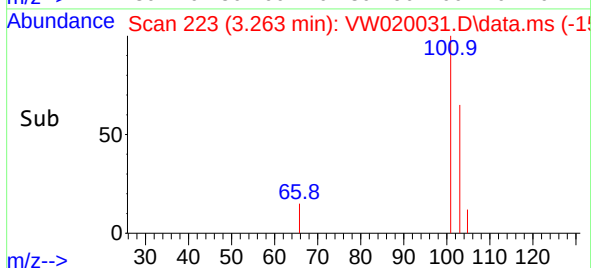
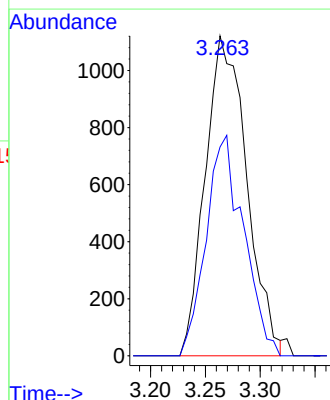
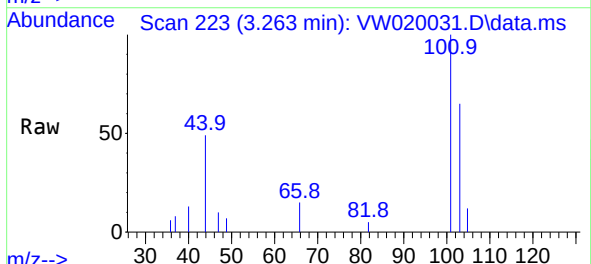
Manual Integrations
APPROVED

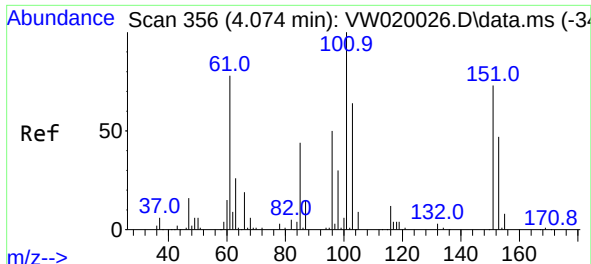
MMDadoda
9/17/2021 2:30:20 PM



#9
Trichlorofluoromethane
Concen: 0.792 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 101 Resp: 2943
Ion Ratio Lower Upper
101 100
103 62.5 51.0 76.4





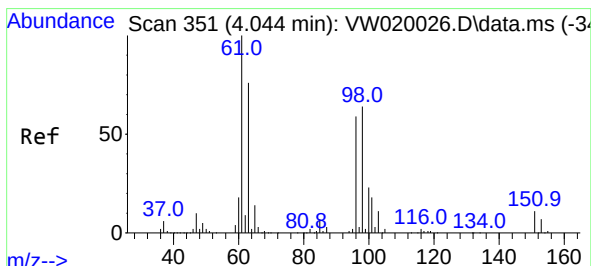
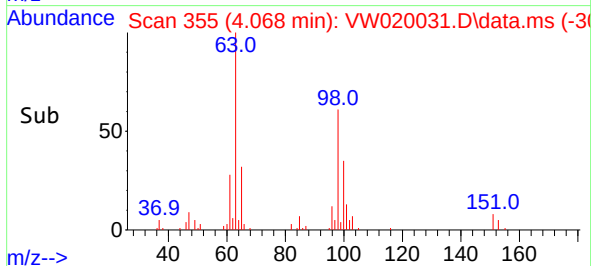
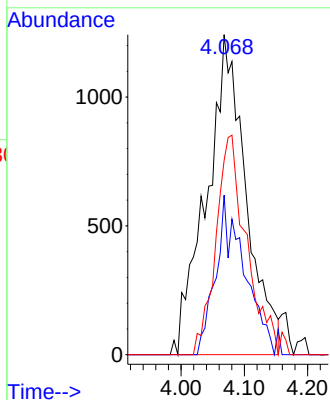
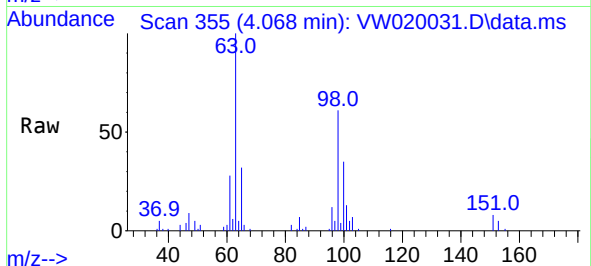
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.284 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion:101 Resp: 5367
Ion Ratio Lower Upper
101 100
85 16.0 38.2 57.2#
151 0.0 56.6 85.0#

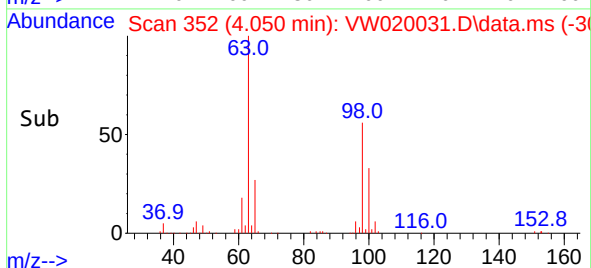
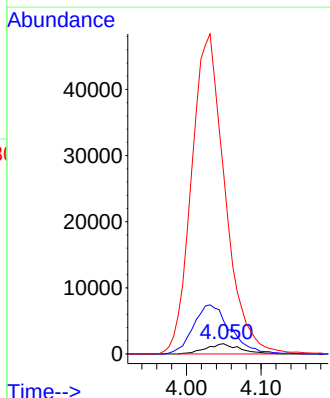
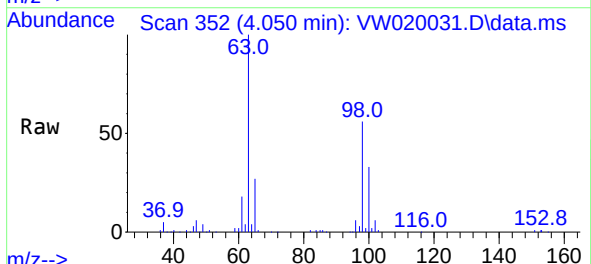
Manual Integrations
APPROVED

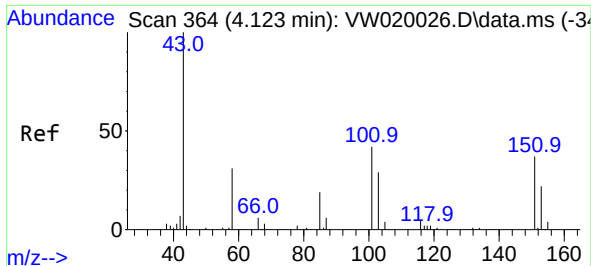
MMDadoda
9/17/2021 2:30:20 PM



#12
1,1-Dichloroethene
Concen: 1.230 ug/L m
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 96 Resp: 4866
Ion Ratio Lower Upper
96 100
61 320.3 118.1 219.3#
63 1756.4 83.7 155.5#





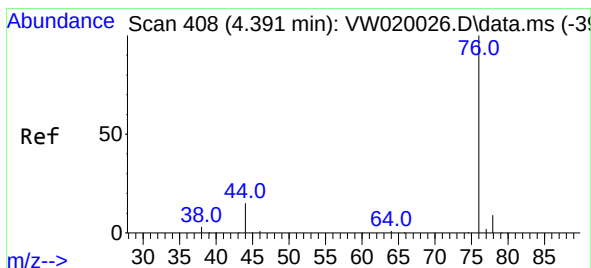
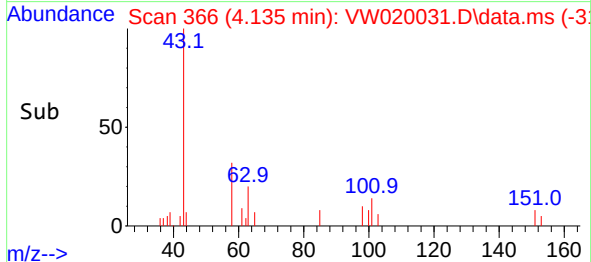
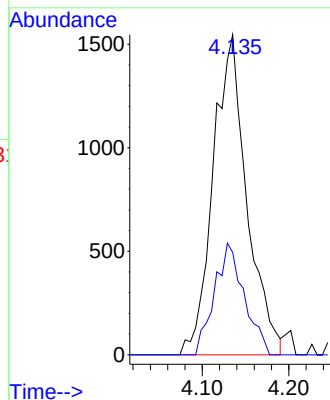
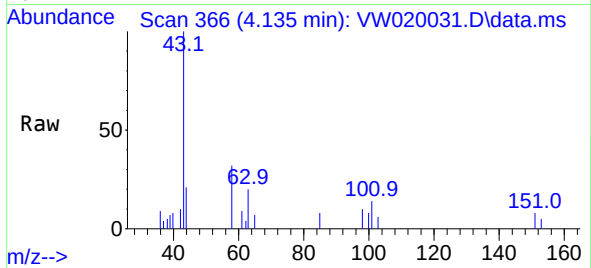
#13
Acetone
Concen: 3.352 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 43 Resp: 4181
Ion Ratio Lower Upper
43 100
58 30.7 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
MDL04

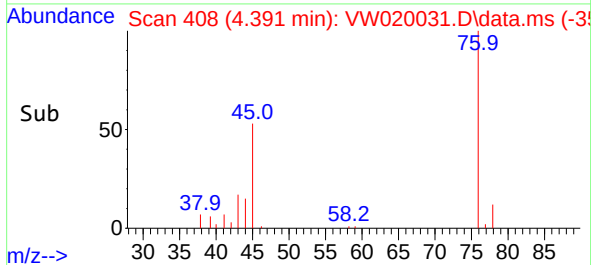
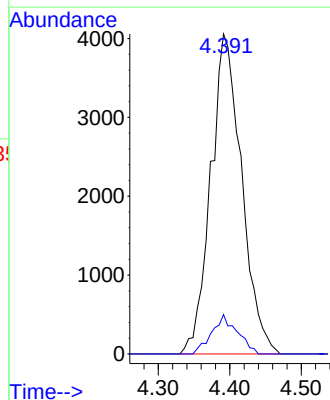
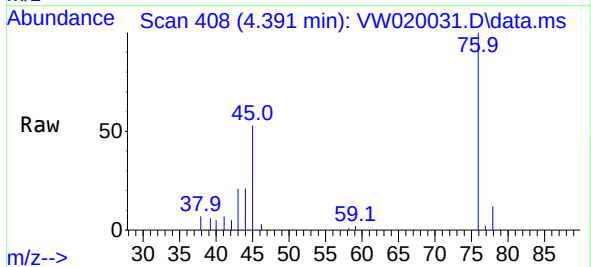
Manual Integrations
APPROVED

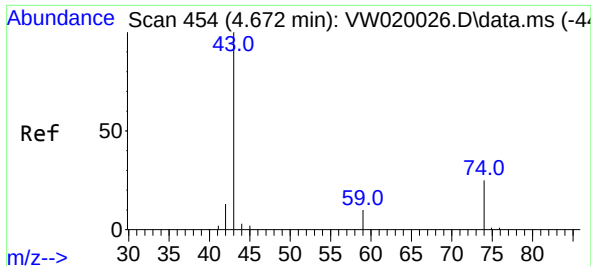
MMDadoda
9/17/2021 2:30:20 PM



#14
Carbon disulfide
Concen: 0.943 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 76 Resp: 12177
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.0#





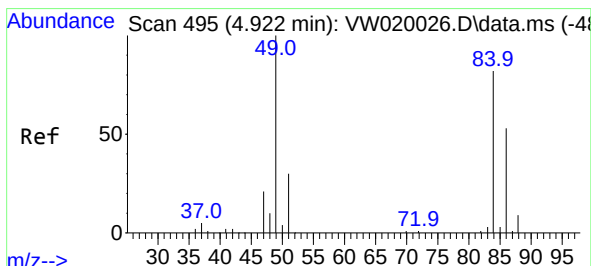
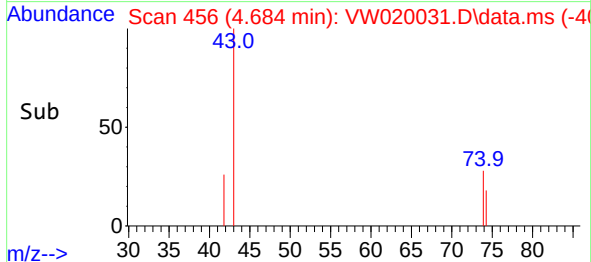
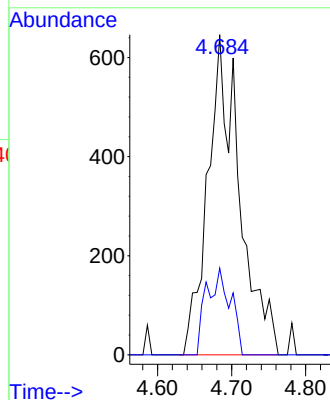
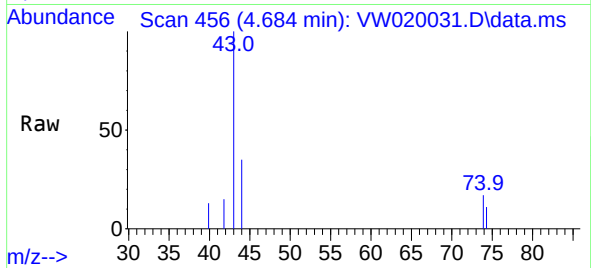
#15
Methyl Acetate
Concen: 0.885 ug/L m
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
74 4.7 20.0 30.0#

Instrument :
MSVOA_W
ClientSampleId :
MDL04

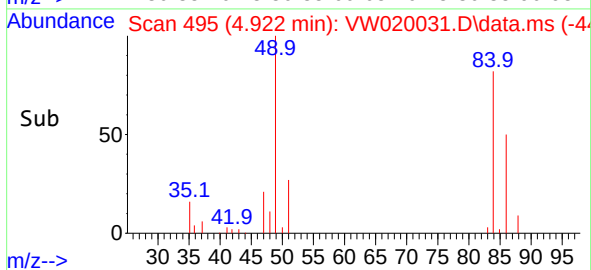
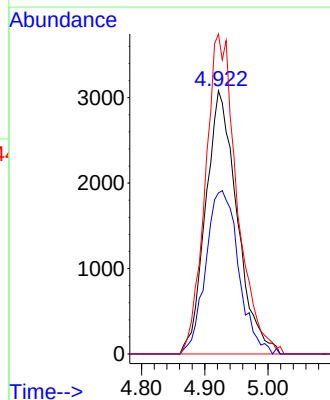
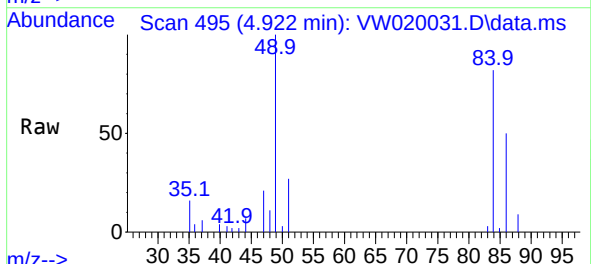
Manual Integrations
APPROVED

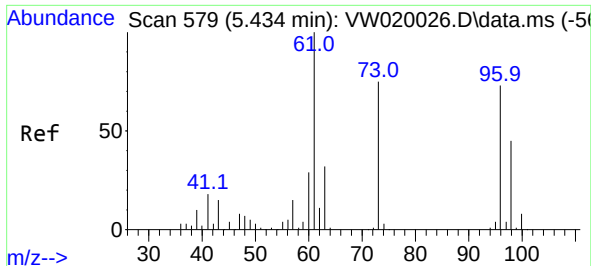
MMDadoda
9/17/2021 2:30:20 PM



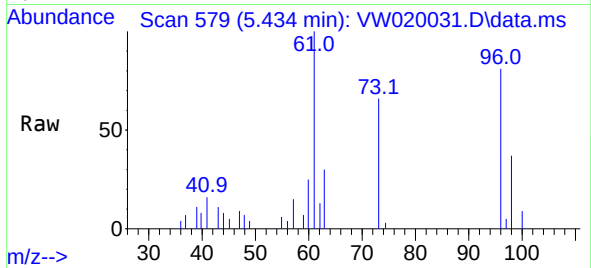
#16
Methylene chloride
Concen: 2.072 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 84 Resp: 10645
Ion Ratio Lower Upper
84 100
86 61.1 45.3 84.1
49 121.5 86.6 160.8

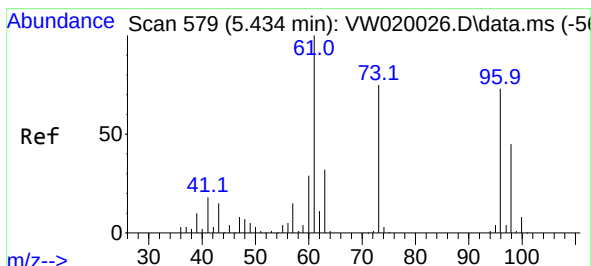
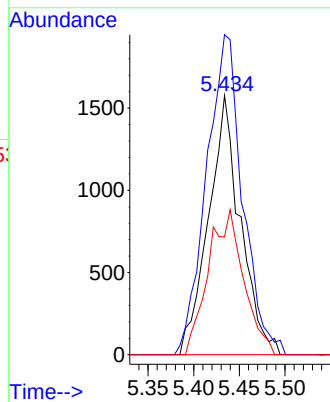
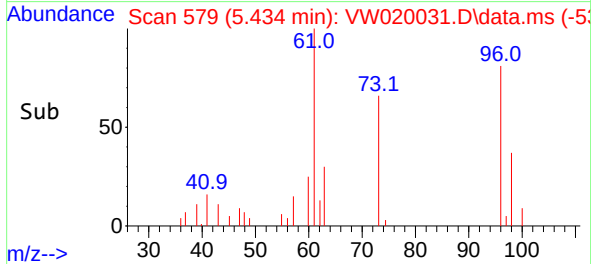




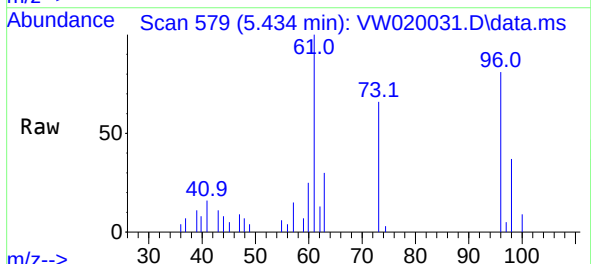
#17
trans-1,2-Dichloroethene
Concen: 0.921 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



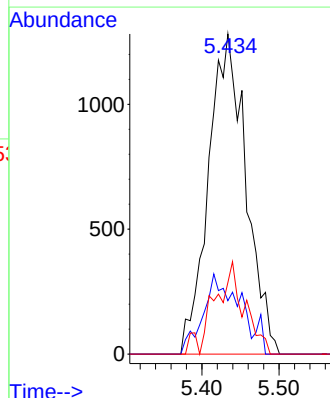
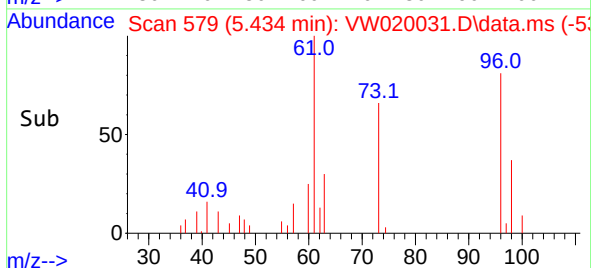
Tgt Ion: 96 Resp: 3840
Ion Ratio Lower Upper
96 100
61 123.5 98.3 182.7
98 45.5 46.1 85.7#



#18
Methyl tert-butyl Ether
Concen: 0.834 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



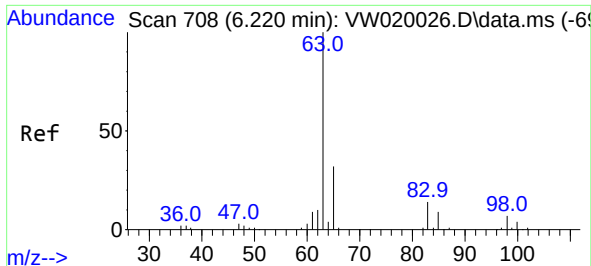
Tgt Ion: 73 Resp: 4339
Ion Ratio Lower Upper
73 100
43 2.1 17.7 26.5#
57 4.5 17.0 25.4#



Instrument :
MSVOA_W
ClientSampled :
MDL04

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM



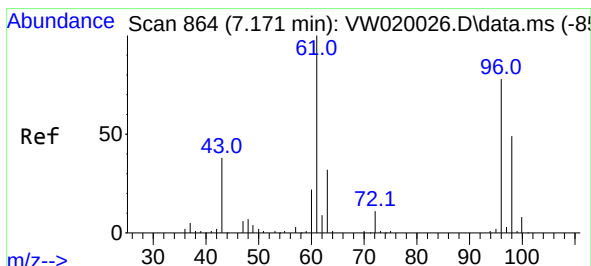
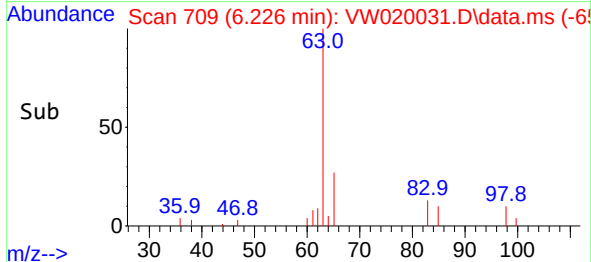
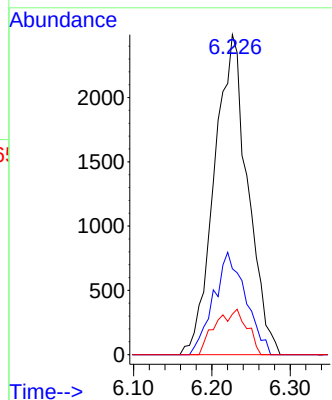
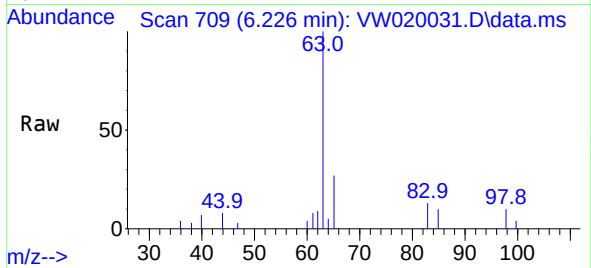
#19
1,1-Dichloroethane
Concen: 0.987 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	63	Resp:	7361
Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.9	42.5
83	12.7	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :
MDL04

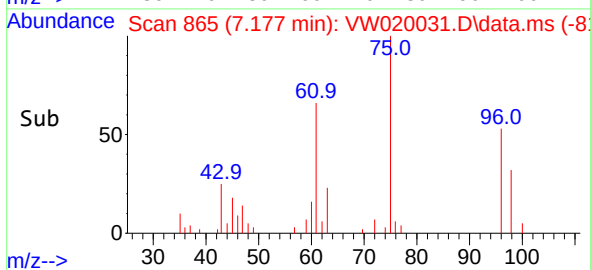
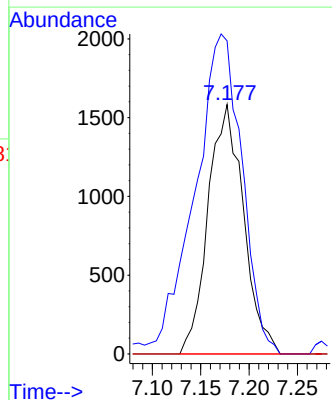
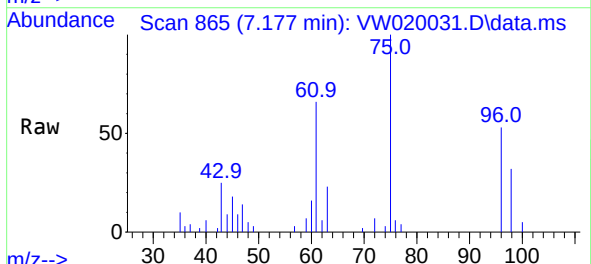
Manual Integrations
APPROVED

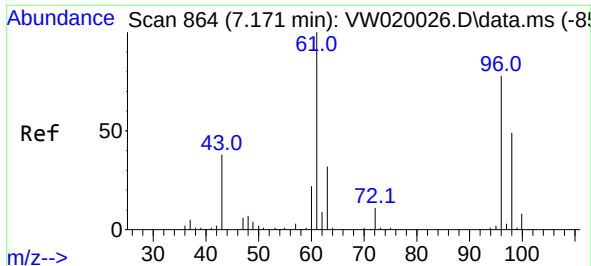
MMDadoda
9/17/2021 2:30:20 PM



#20
cis-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	96	Resp:	4033
Ion	Ratio	Lower	Upper
96	100		
61	125.5	88.5	164.3
68	0.0	0.0	0.0





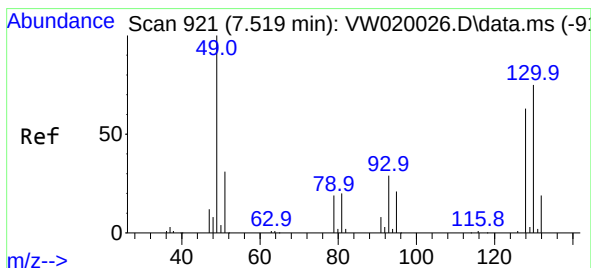
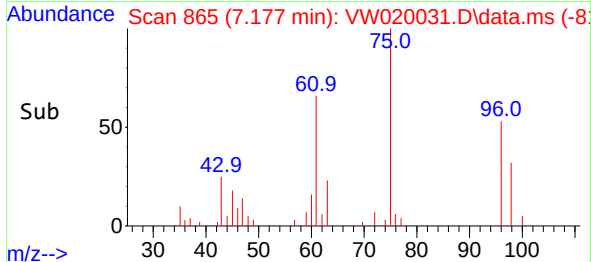
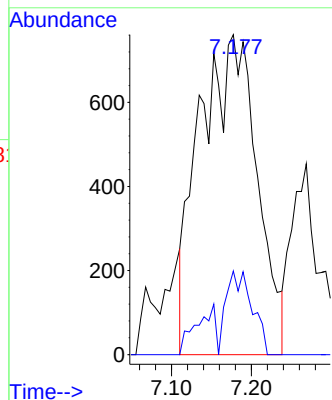
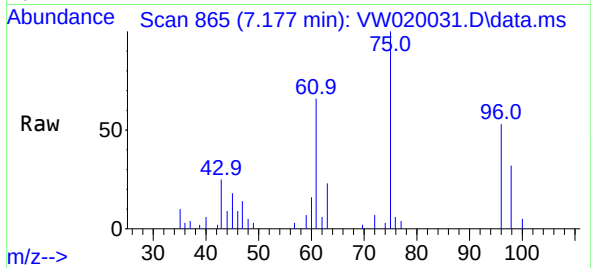
#22
2-Butanone
Concen: 2.438 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
72 5.9 14.9 44.7#

Instrument :
MSVOA_W
ClientSampled :
MDL04

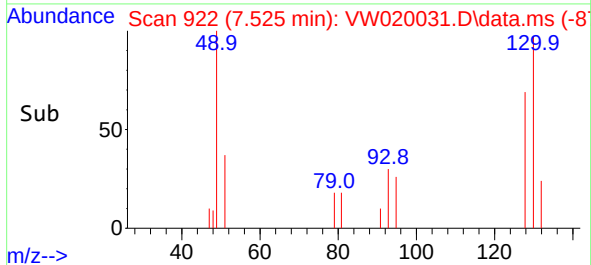
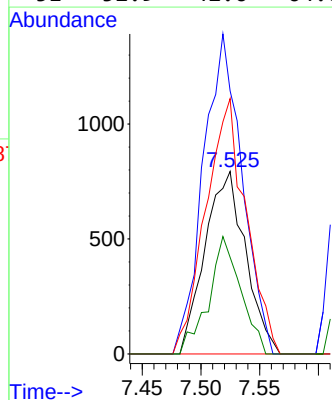
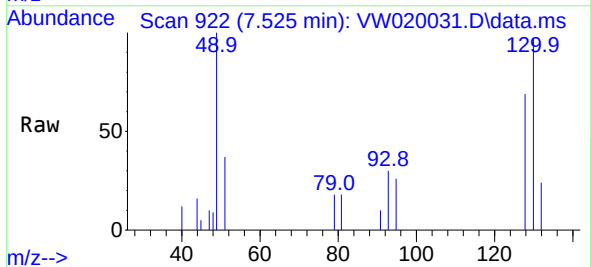
Manual Integrations
APPROVED

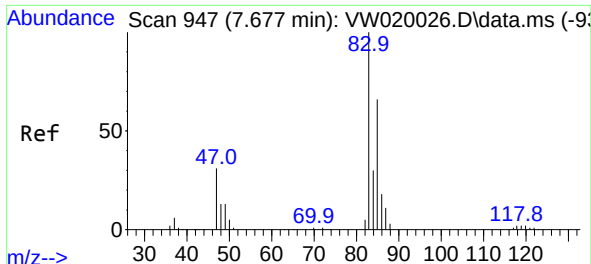
MMDadoda
9/17/2021 2:30:20 PM



#23
Bromochloromethane
Concen: 0.958 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

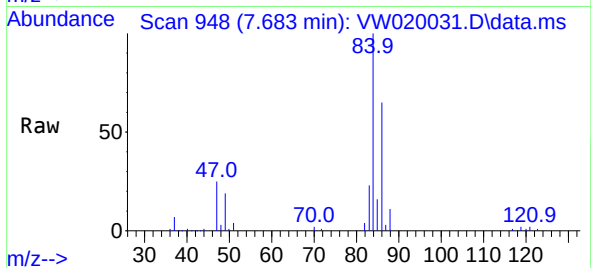
Tgt Ion: 128 Resp: 1910
Ion Ratio Lower Upper
128 100
49 144.1 116.3 215.9
130 139.9 82.4 153.0
51 52.9 42.6 64.0





#25
Chloroform
Concen: 1.130 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

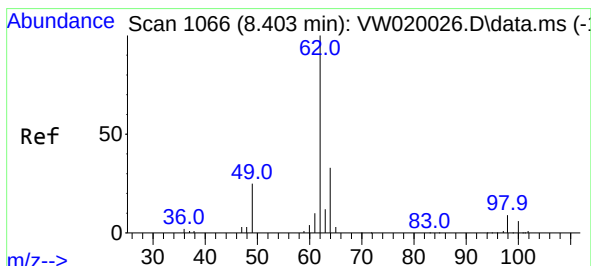
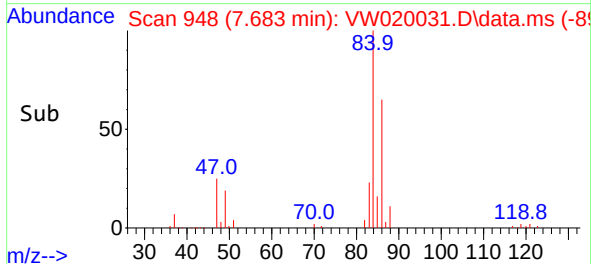
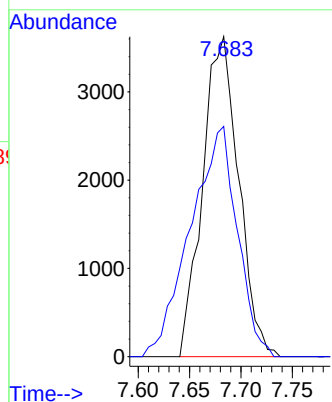
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion: 83 Resp: 8848
Ion Ratio Lower Upper
83 100
85 71.9 44.6 82.8

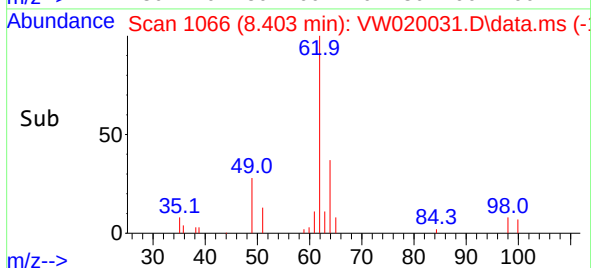
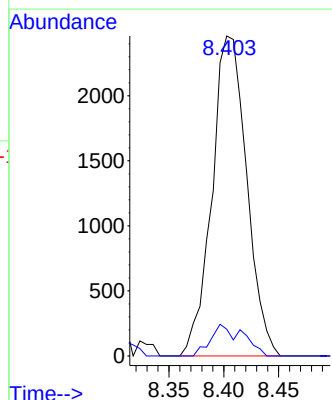
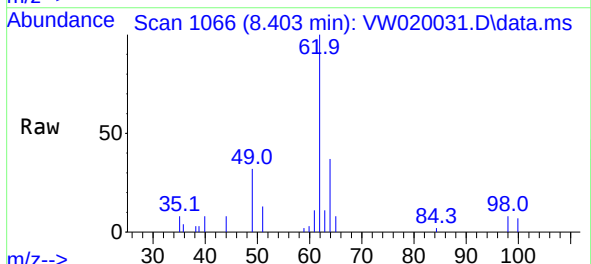
Manual Integrations
APPROVED

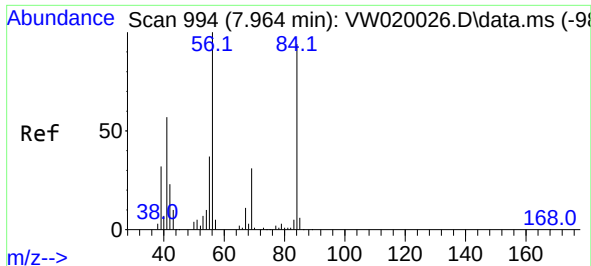
MMDadoda
9/17/2021 2:30:20 PM



#27
1,2-Dichloroethane
Concen: 0.991 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

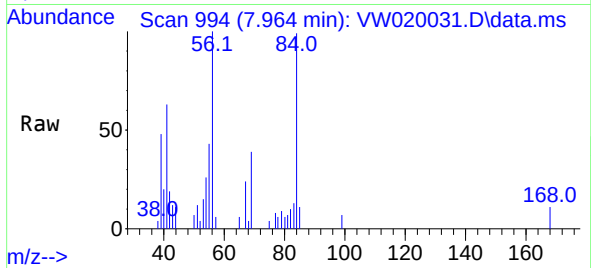
Tgt Ion: 62 Resp: 5428
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29
Cyclohexane
Concen: 0.736 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

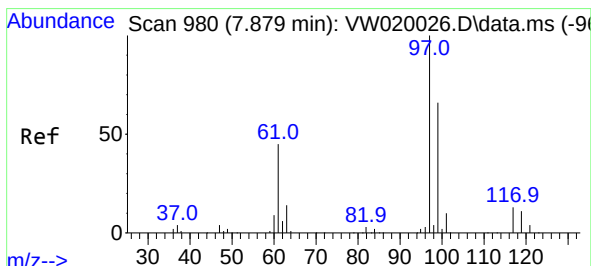
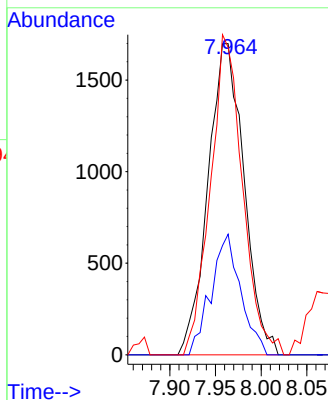
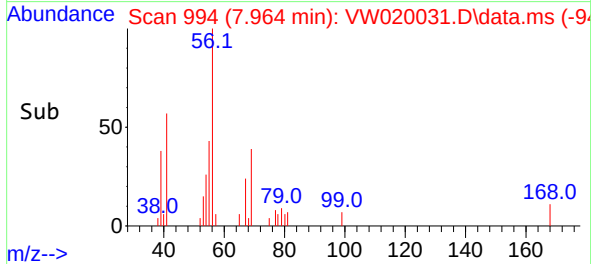
Instrument :
MSVOA_W
ClientSampleId :
MDL04



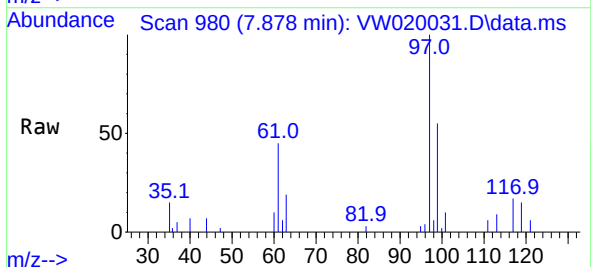
Tgt Ion: 56 Resp: 4643
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 92.0 75.0 112.4

Manual Integrations
APPROVED

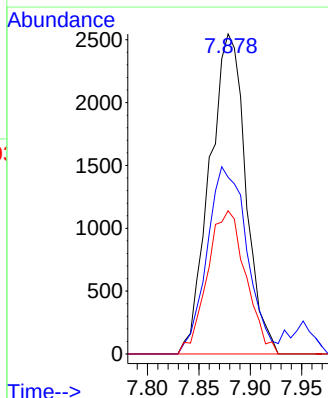
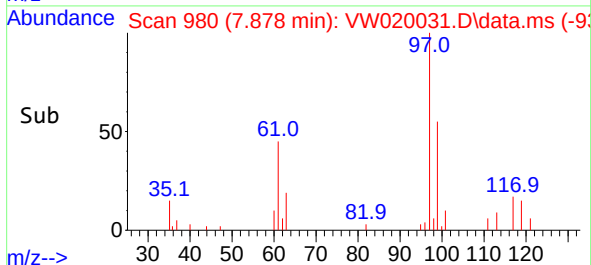
MMDadoda
9/17/2021 2:30:20 PM

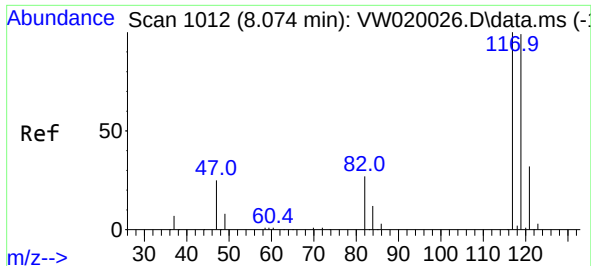


#30
1,1,1-Trichloroethane
Concen: 0.949 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion: 97 Resp: 6229
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 47.7 37.8 56.6





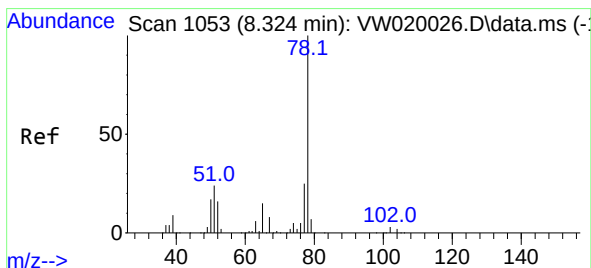
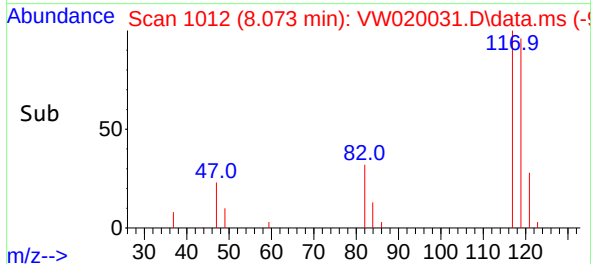
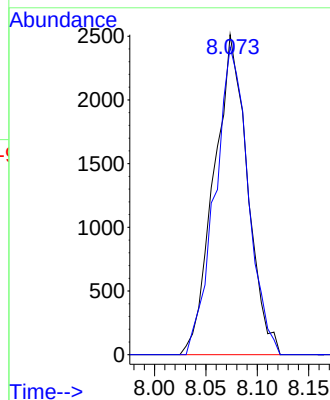
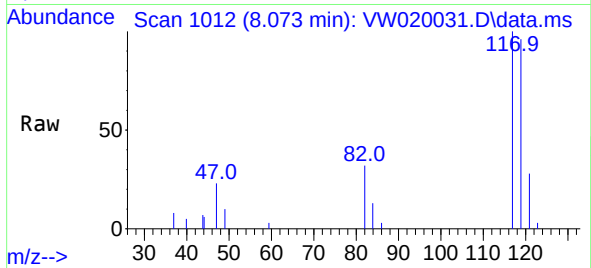
#31
Carbon tetrachloride
Concen: 0.930 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion:117 Resp: 5695
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7

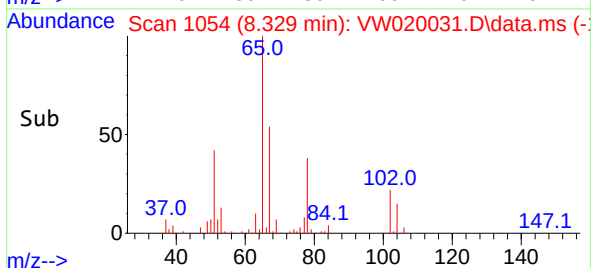
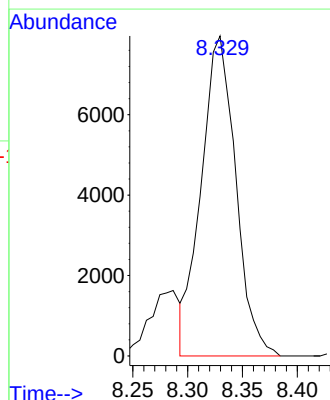
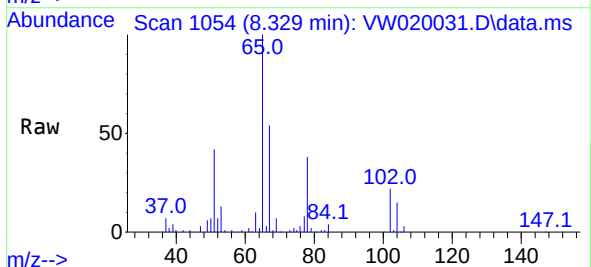
Manual Integrations
APPROVED

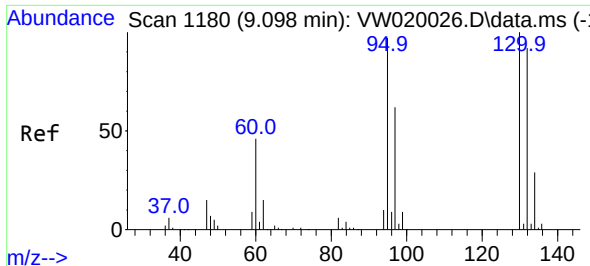
MMDadoda
9/17/2021 2:30:20 PM



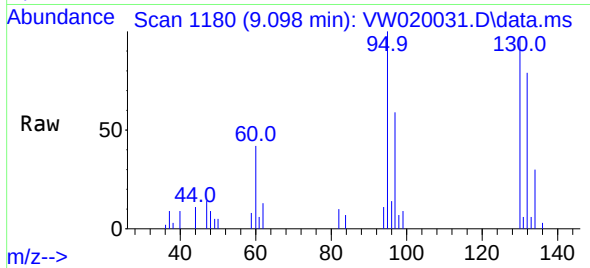
#33
Benzene
Concen: 1.036 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 78 Resp: 17479



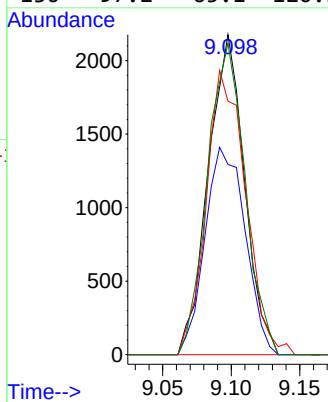
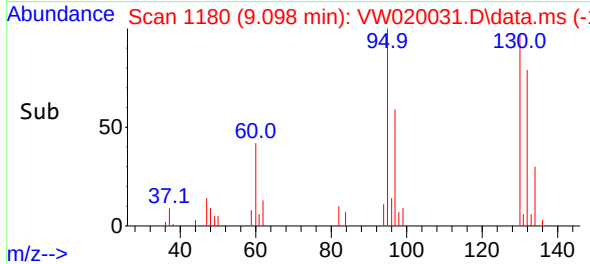


#34
Trichloroethene
Concen: 0.895 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion: 95 Resp: 3999

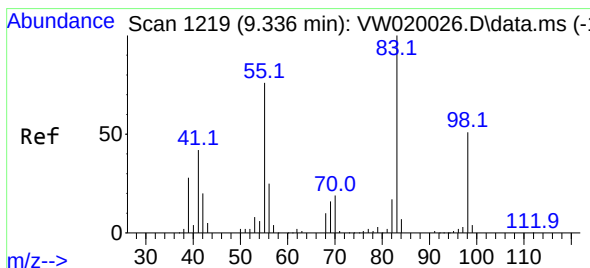
Ion	Ratio	Lower	Upper
95	100		
97	59.5	47.3	87.8
132	79.2	71.0	131.8
130	97.2	65.1	120.9



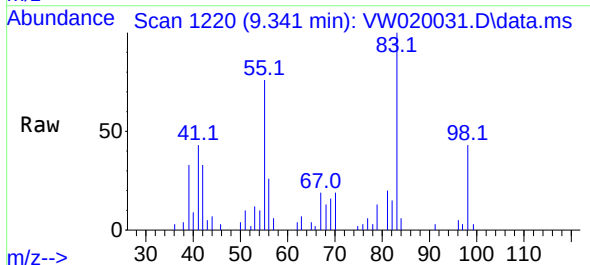
Instrument :
MSVOA_W
ClientSampled :
MDL04

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM

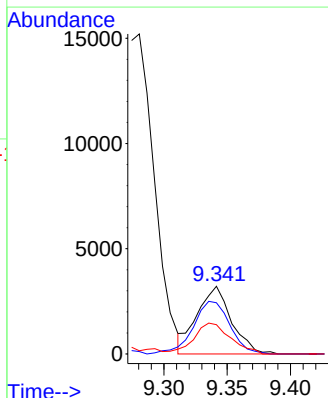
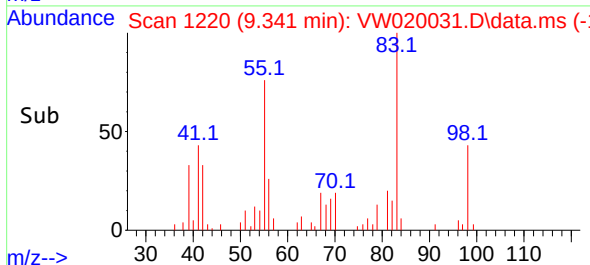


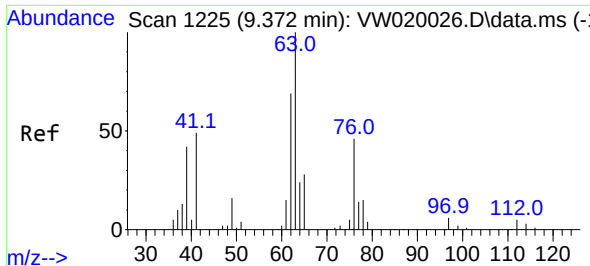
#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion: 83 Resp: 6082

Ion	Ratio	Lower	Upper
83	100		
55	83.1	58.9	88.3
98	48.9	40.1	60.1





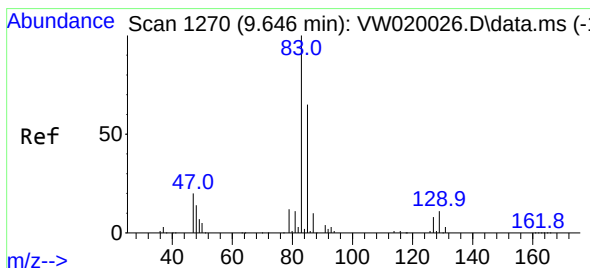
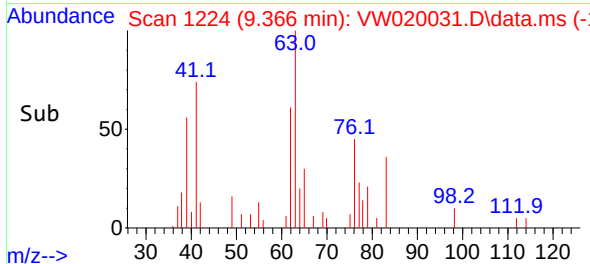
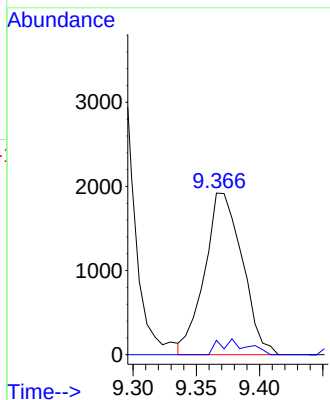
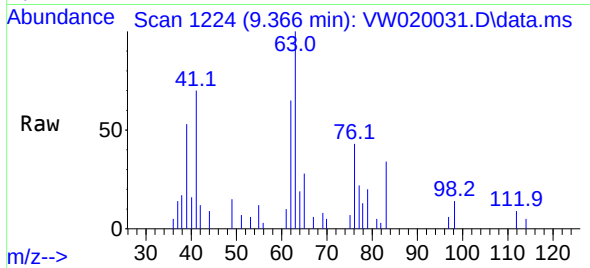
#37
1,2-Dichloropropane
Concen: 0.976 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion: 63 Resp: 3984
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9

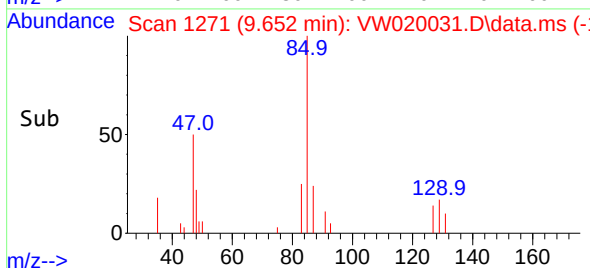
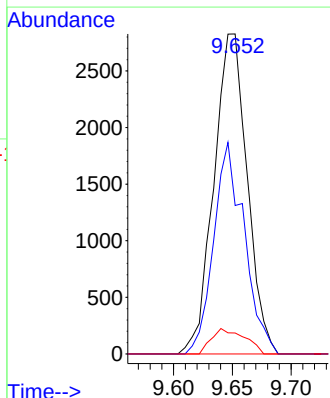
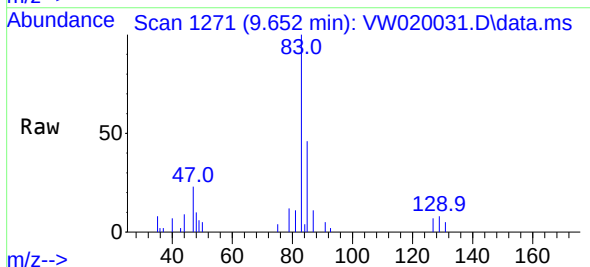
Manual Integrations
APPROVED

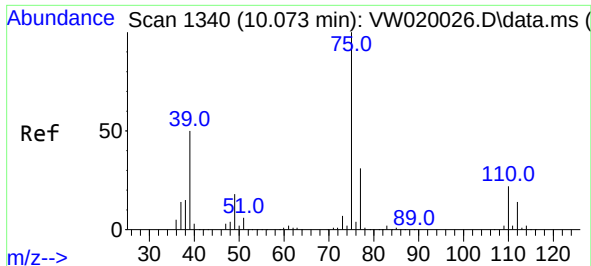
MMDadoda
9/17/2021 2:30:20 PM



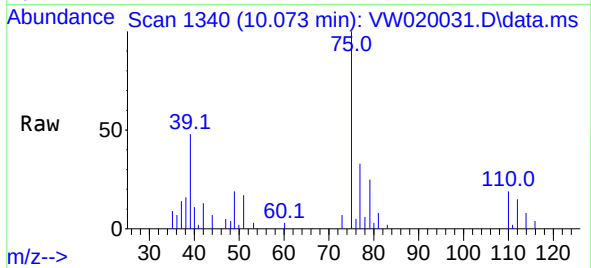
#38
Bromodichloromethane
Concen: 1.015 ug/L
RT: 9.652 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 83 Resp: 5592
Ion Ratio Lower Upper
83 100
85 46.4 42.3 78.5
127 6.5 6.6 9.8#

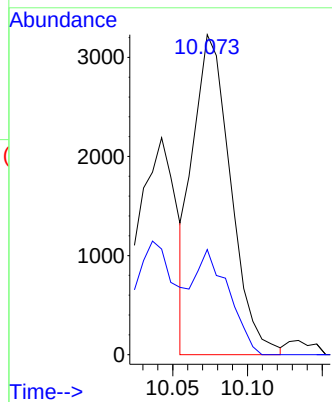
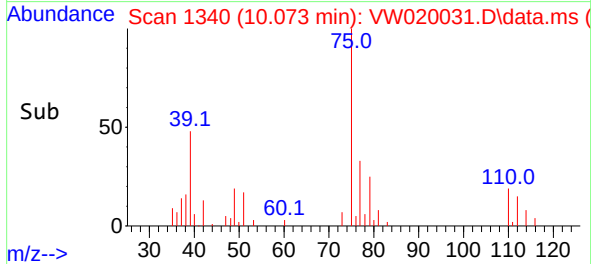




#39
cis-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



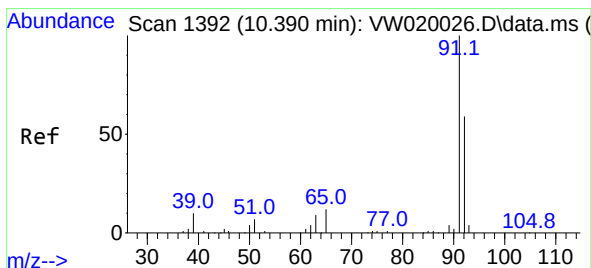
Tgt Ion: 75 Resp: 5675
Ion Ratio Lower Upper
75 100
77 32.8 22.6 42.0



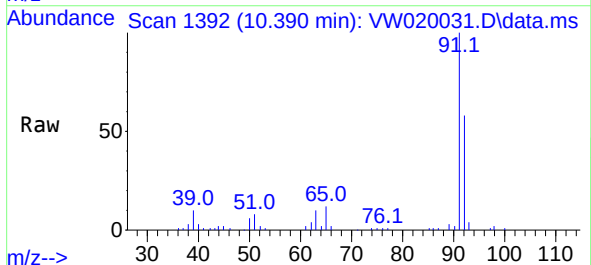
Instrument :
MSVOA_W
ClientSampled :
MDL04

Manual Integrations
APPROVED

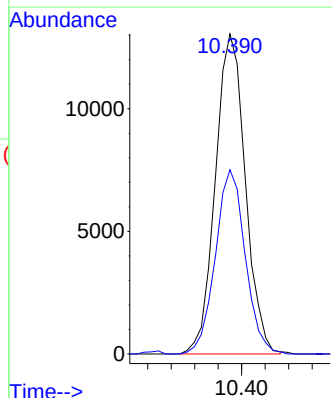
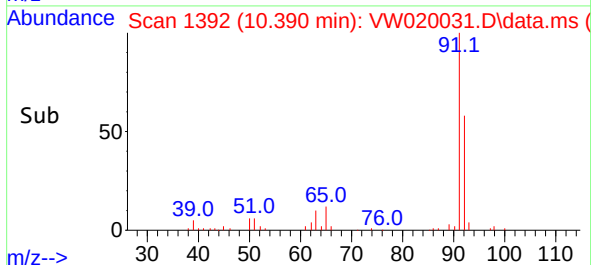
MMDadoda
9/17/2021 2:30:20 PM

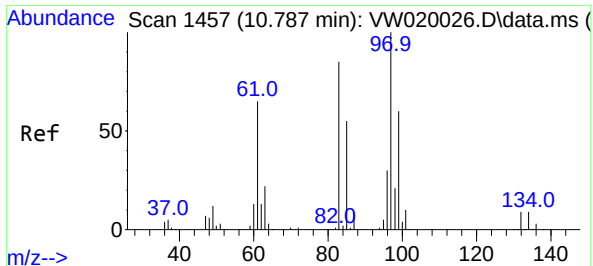


#42
Toluene
Concen: 1.283 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion: 91 Resp: 23090
Ion Ratio Lower Upper
91 100
92 57.6 39.5 73.3





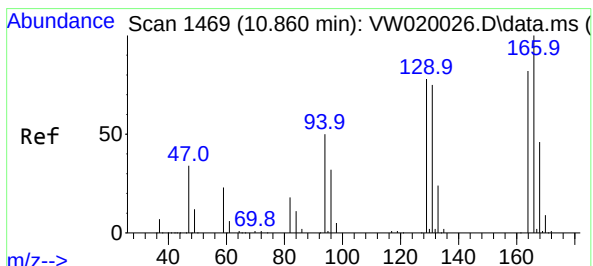
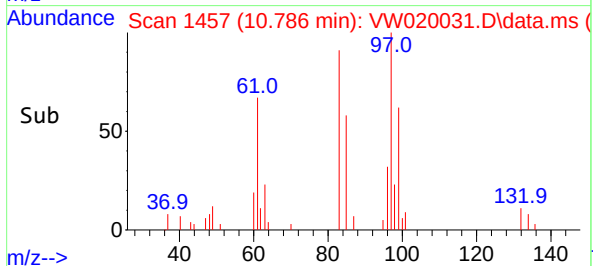
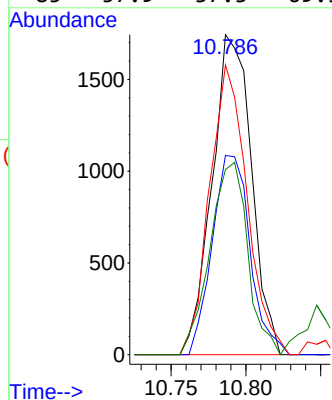
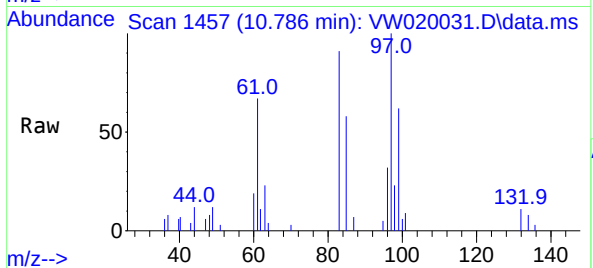
#45
1,1,2-Trichloroethane
Concen: 0.978 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	97	Resp:	3195
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.1	83.7
83	90.5	58.1	107.9
85	57.9	37.3	69.3

Instrument :
MSVOA_W
ClientSampleId :
MDL04

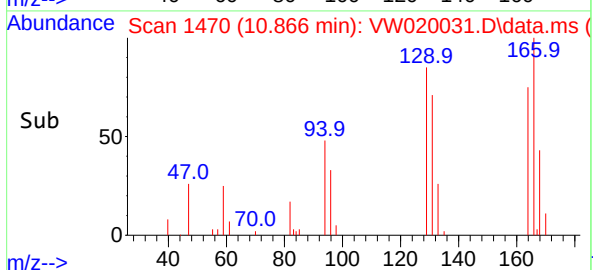
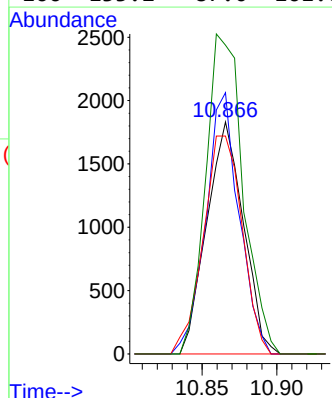
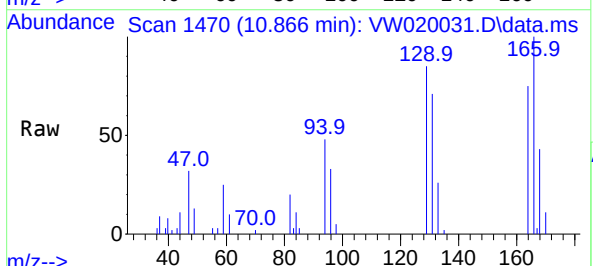
Manual Integrations
APPROVED

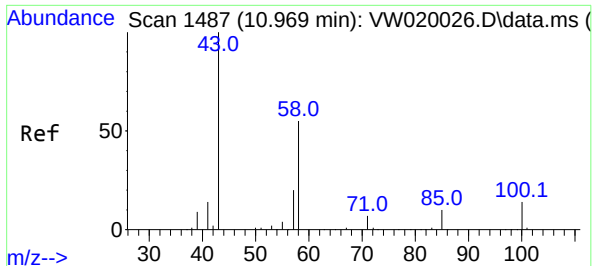
MMDadoda
9/17/2021 2:30:20 PM



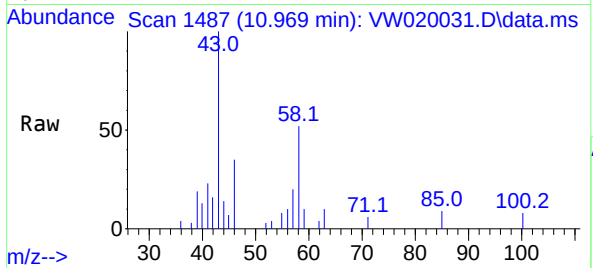
#46
Tetrachloroethene
Concen: 0.903 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	164	Resp:	3119
Ion	Ratio	Lower	Upper
164	100		
129	112.6	66.7	123.9
131	93.9	61.1	113.5
166	133.2	87.0	161.6

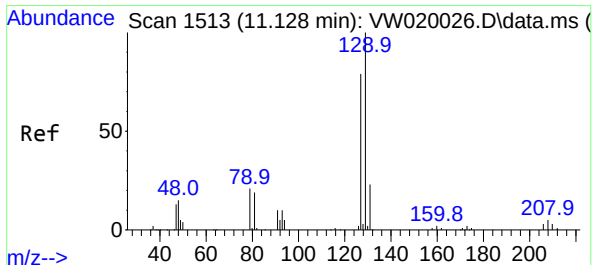
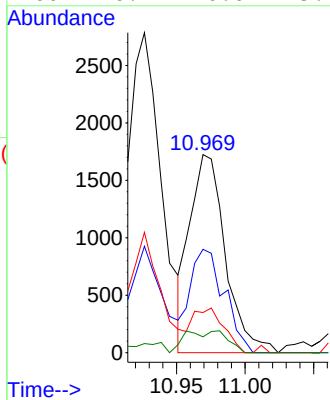
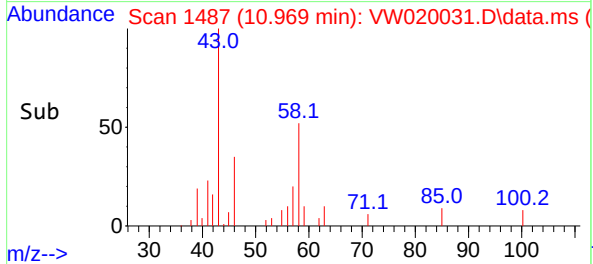




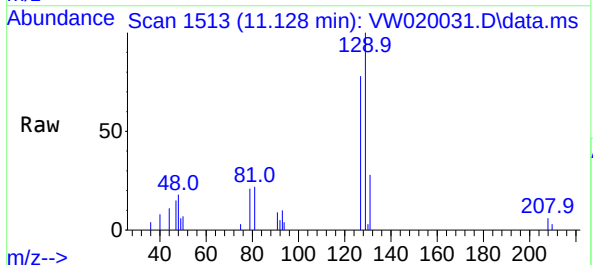
#48
2-Hexanone
Concen: 1.492 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



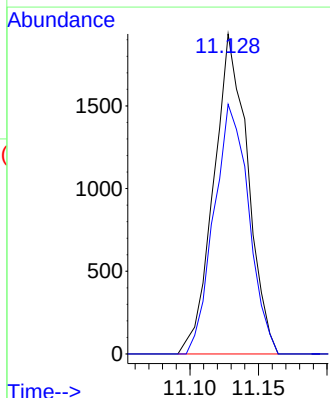
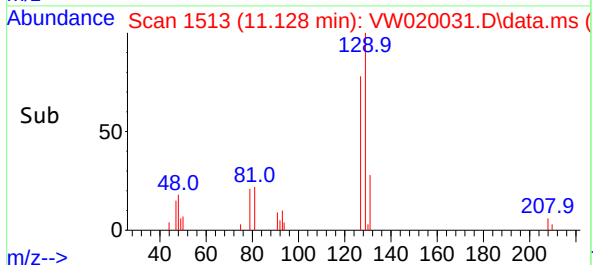
Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
58 50.1 42.7 64.1
57 19.0 15.8 23.8
100 6.4 10.0 15.0#



#49
Dibromochloromethane
Concen: 0.891 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



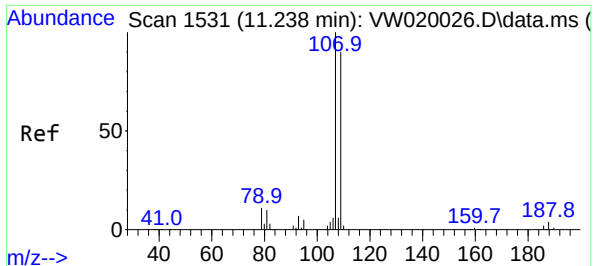
Tgt Ion: 129 Resp: 3343
Ion Ratio Lower Upper
129 100
127 78.0 51.7 95.9



Instrument :
MSVOA_W
ClientSampled :
MDL04

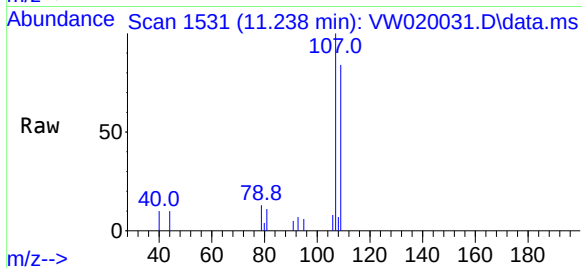
Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM



#50
1,2-Dibromoethane
Concen: 0.892 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

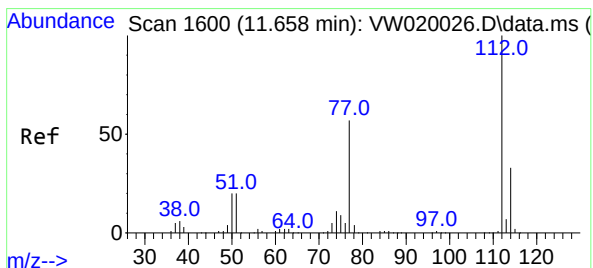
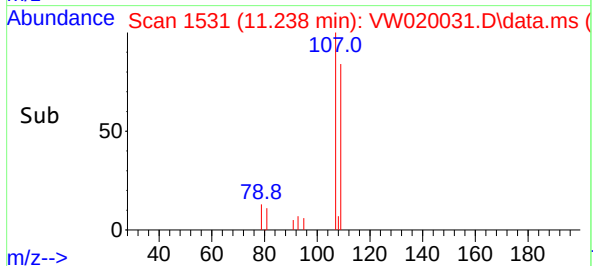
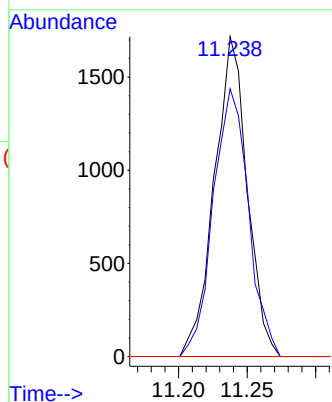
Instrument :
MSVOA_W
ClientSampleId :
MDL04



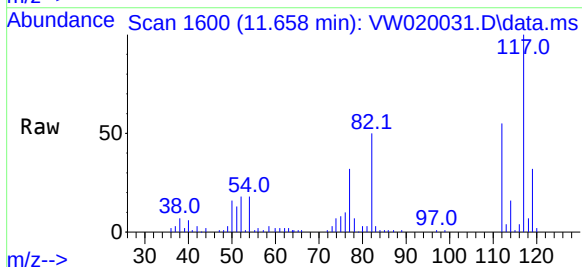
Tgt Ion:107 Resp: 2866
Ion Ratio Lower Upper
107 100
109 83.7 65.4 121.4
188 0.0 2.6 4.0#

Manual Integrations
APPROVED

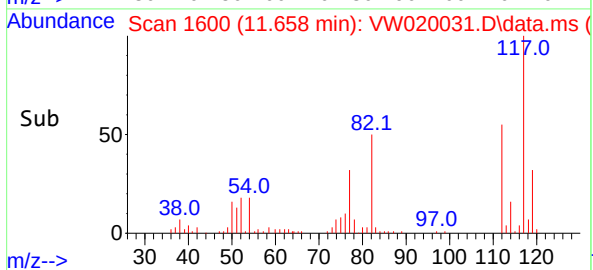
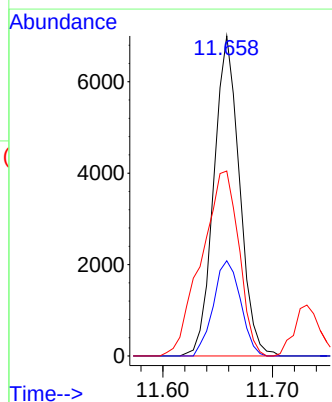
MMDadoda
9/17/2021 2:30:20 PM

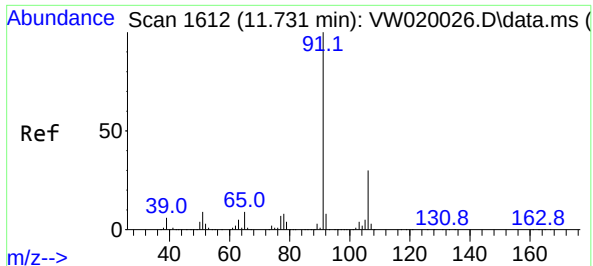


#51
Chlorobenzene
Concen: 0.976 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion:112 Resp: 11386
Ion Ratio Lower Upper
112 100
114 29.7 23.4 43.6
77 57.8 47.6 71.4





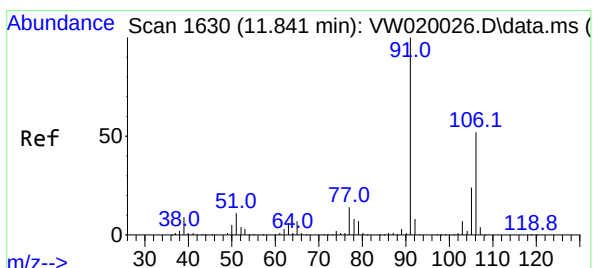
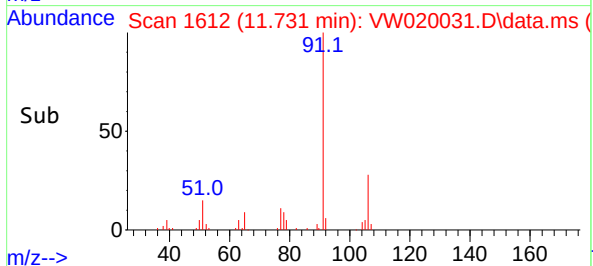
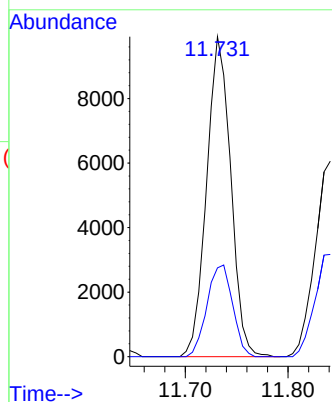
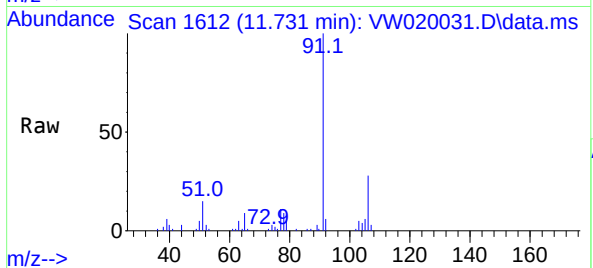
#52
Ethylbenzene
Concen: 0.823 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion: 91 Resp: 16182
Ion Ratio Lower Upper
91 100
106 27.7 22.5 41.7

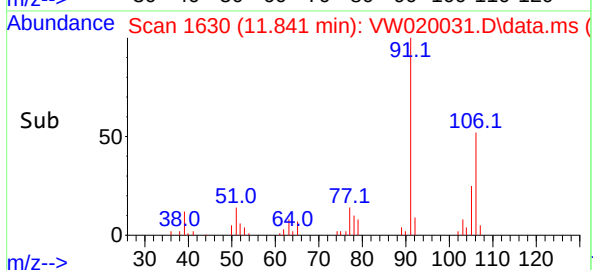
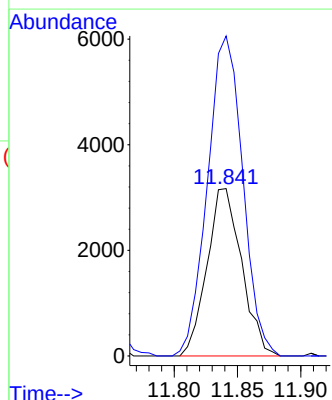
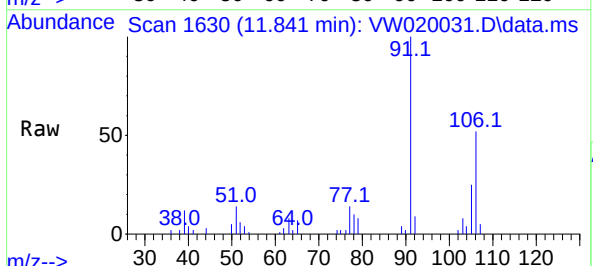
Manual Integrations
APPROVED

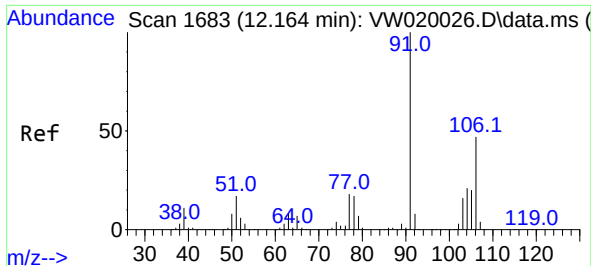
MMDadoda
9/17/2021 2:30:20 PM



#53
m,p-Xylene
Concen: 0.808 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion: 106 Resp: 6041
Ion Ratio Lower Upper
106 100
91 191.2 141.3 262.3





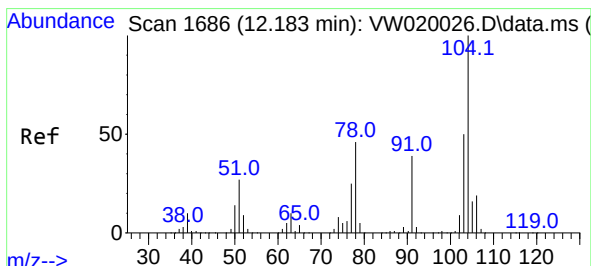
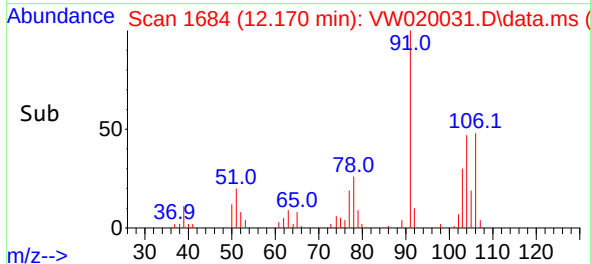
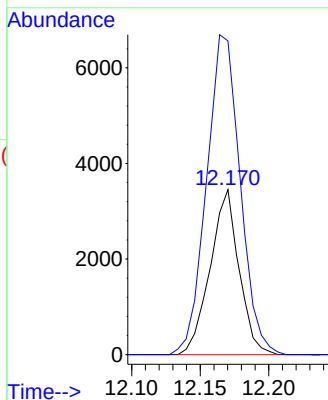
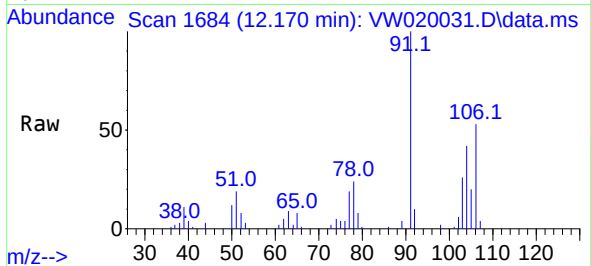
#54
o-Xylene
Concen: 0.716 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 5055
Ion Ratio Lower Upper
106 100
91 190.0 150.0 278.6

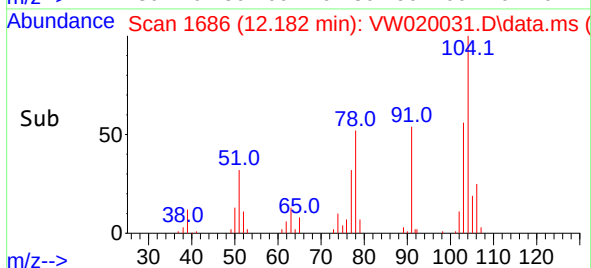
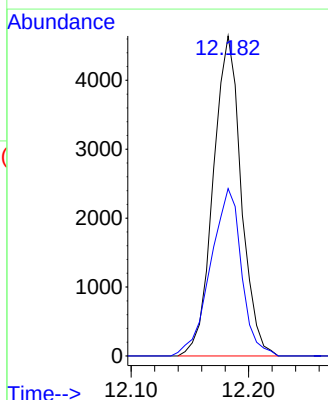
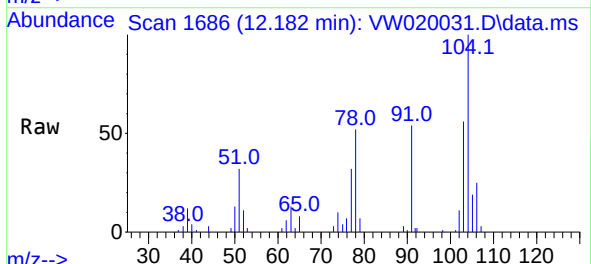
Manual Integrations
APPROVED

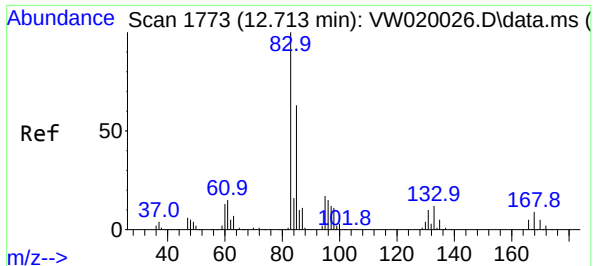
MMDadoda
9/17/2021 2:30:20 PM



#55
Styrene
Concen: 0.634 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:104 Resp: 7697
Ion Ratio Lower Upper
104 100
78 52.3 32.5 60.3





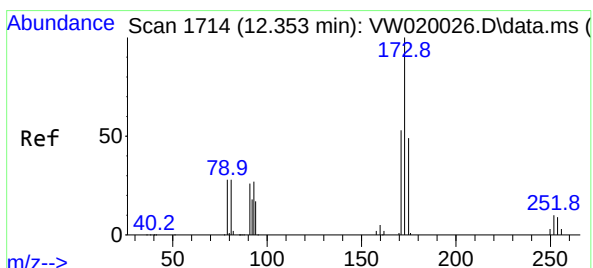
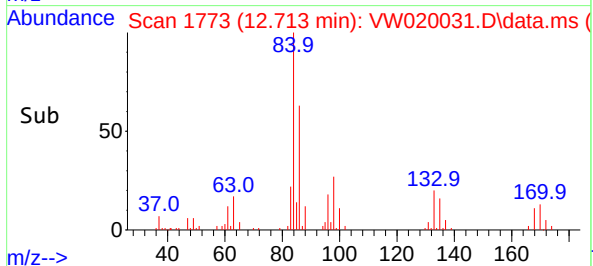
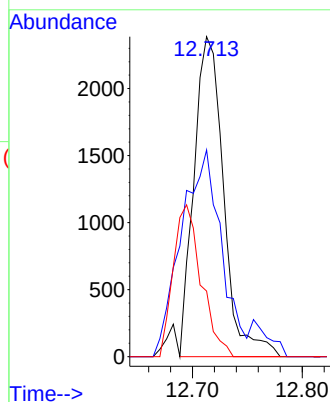
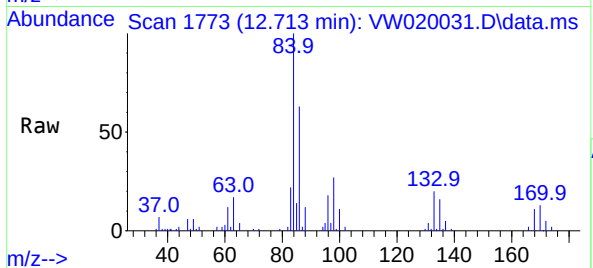
#57
1,1,2,2-Tetrachloroethane
Concen: 1.049 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion:	83	Resp:	4489
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.4	82.4
131	20.5	8.2	12.4#

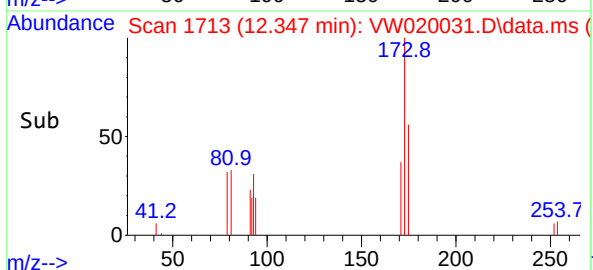
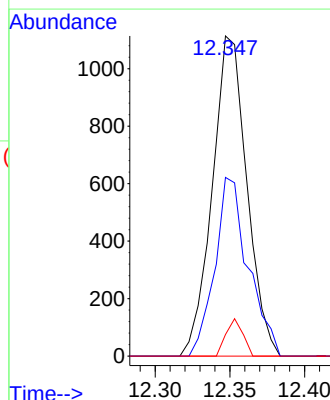
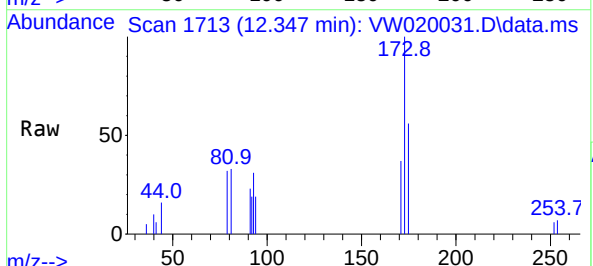
Manual Integrations
APPROVED

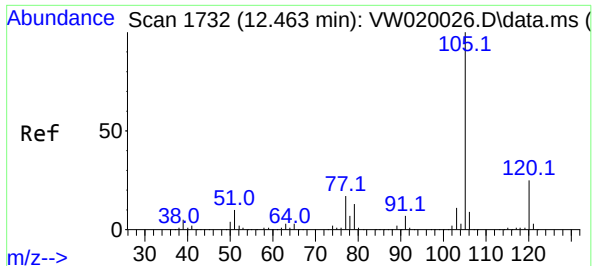
MMDadoda
9/17/2021 2:30:20 PM



#59
Bromoform
Concen: 0.888 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	173	Resp:	1790
Ion	Ratio	Lower	Upper
173	100		
175	53.9	37.5	56.3
254	5.7	7.0	10.4#





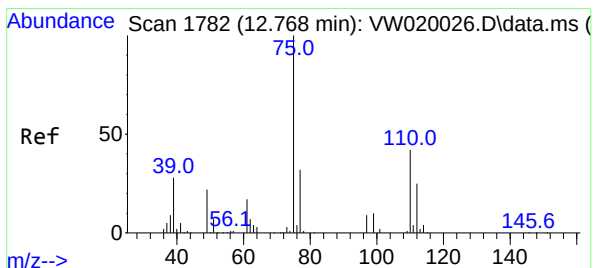
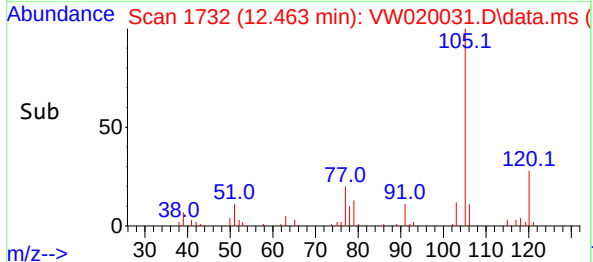
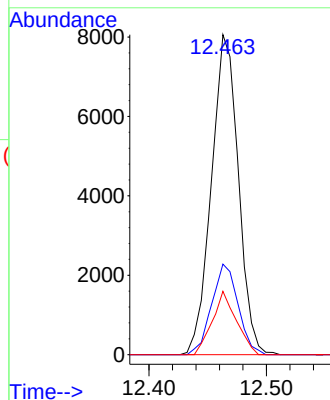
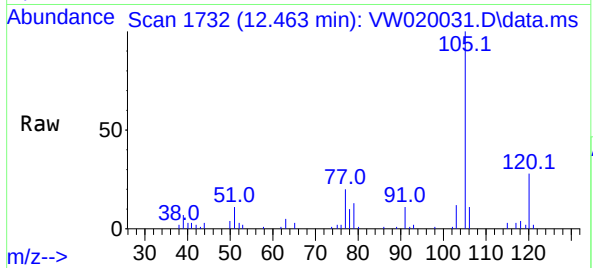
#60
Isopropylbenzene
Concen: 0.728 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	105	Resp:	12863
Ion Ratio	Lower	Upper	
105	100		
120	27.8	21.1	31.7
77	17.7	13.2	19.8

Instrument :
MSVOA_W
ClientSampled :
MDL04

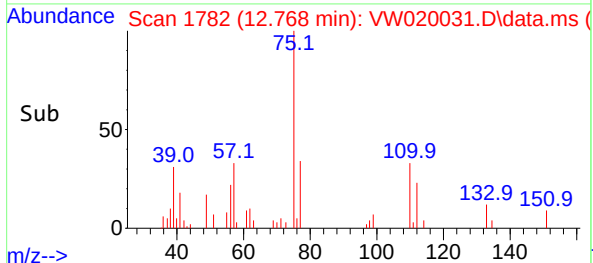
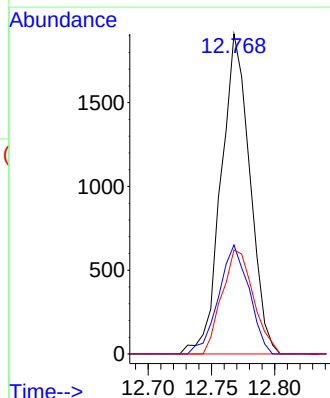
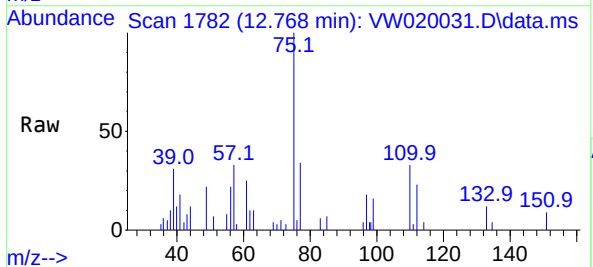
Manual Integrations
APPROVED

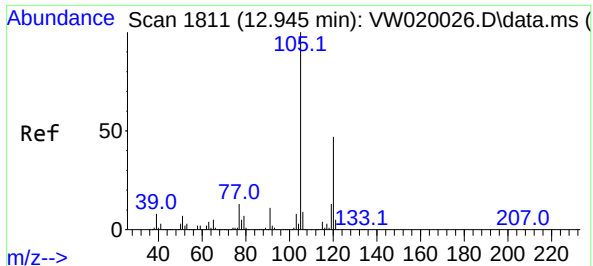
MMDadoda
9/17/2021 2:30:20 PM



#61
1,2,3-Trichloropropane
Concen: 0.970 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

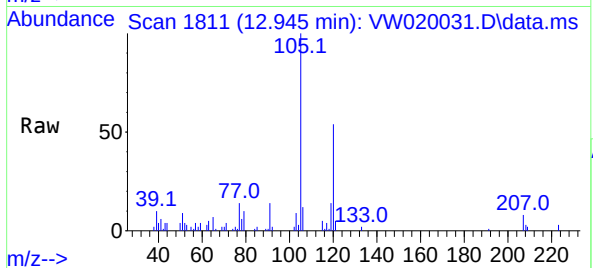
Tgt Ion:	75	Resp:	3020
Ion Ratio	Lower	Upper	
75	100		
77	36.0	25.3	37.9
110	35.5	32.6	48.8





#62
1,3,5-Trimethylbenzene
Concen: 0.719 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

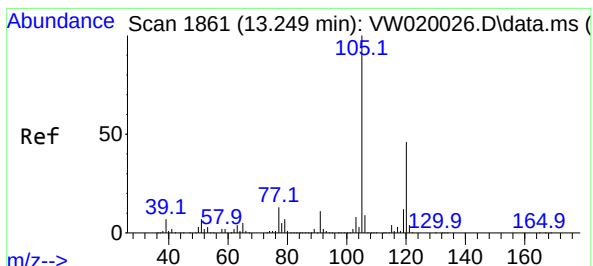
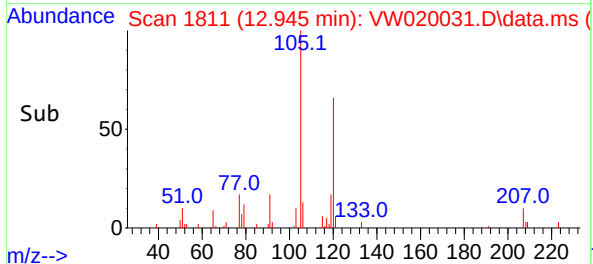
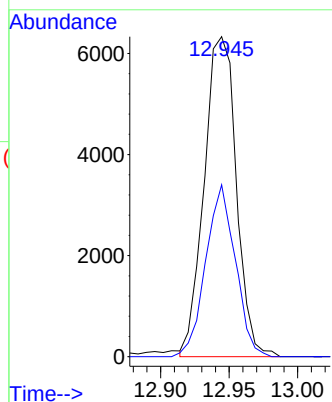
Instrument :
MSVOA_W
ClientSampleId :
MDL04



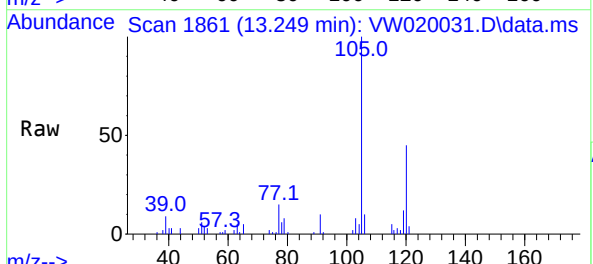
Tgt Ion:105 Resp: 10339
Ion Ratio Lower Upper
105 100
120 49.5 39.0 58.6

Manual Integrations
APPROVED

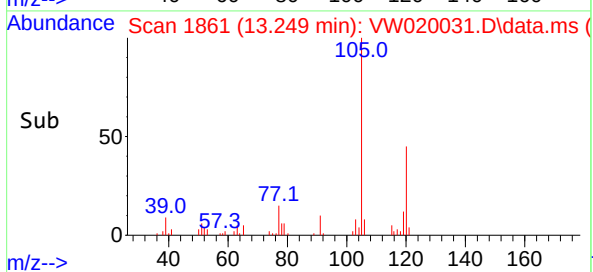
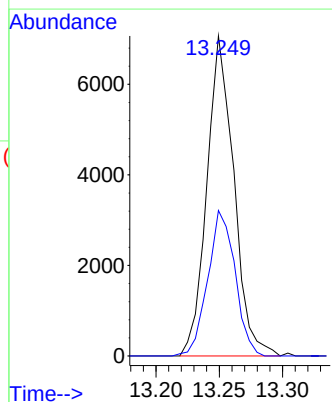
MMDadoda
9/17/2021 2:30:20 PM

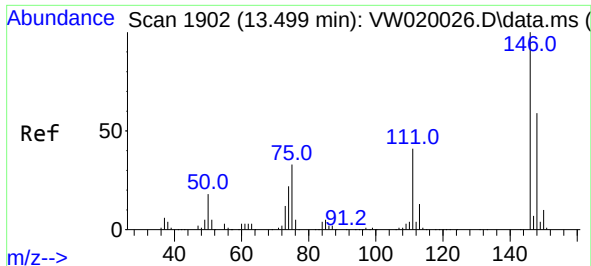


#63
1,2,4-Trimethylbenzene
Concen: 0.744 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

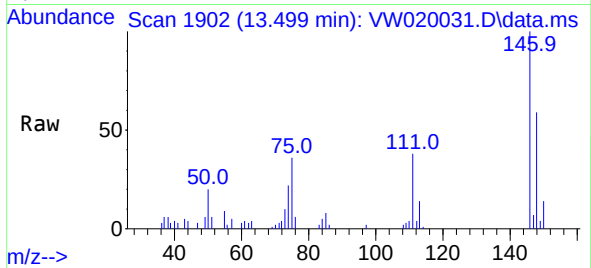


Tgt Ion:105 Resp: 10498
Ion Ratio Lower Upper
105 100
120 46.0 35.6 53.4

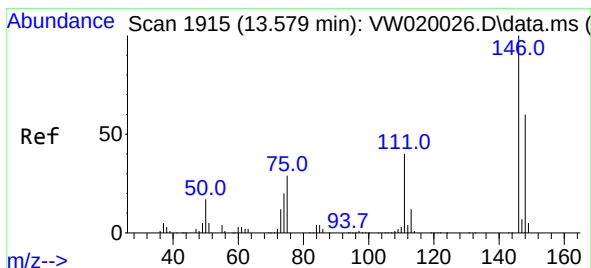
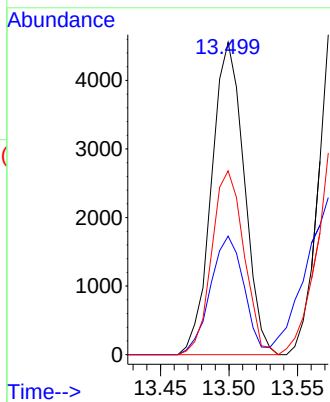
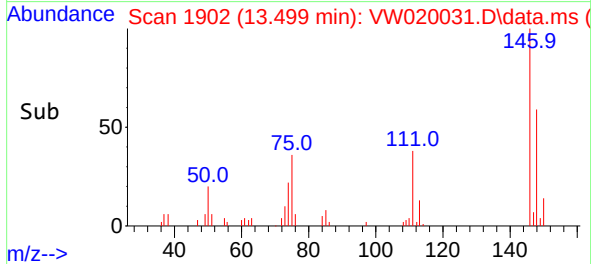




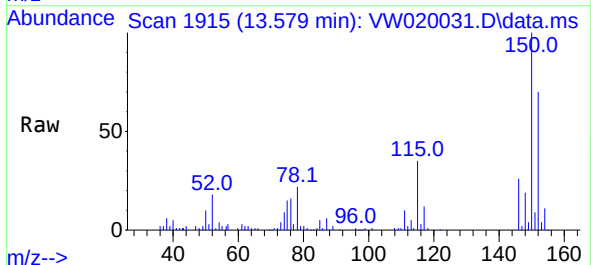
#64
1,3-Dichlorobenzene
Concen: 0.930 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



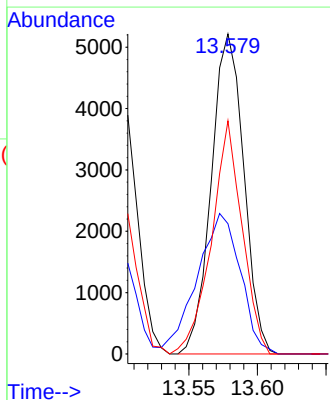
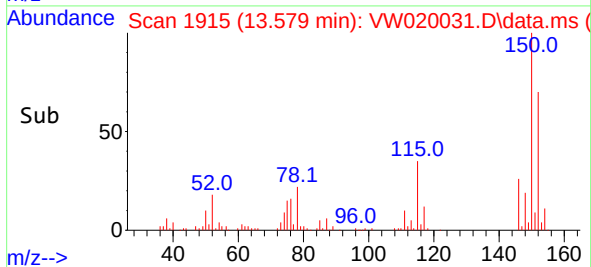
Tgt Ion:146 Resp: 7551
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 58.9 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 1.040 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



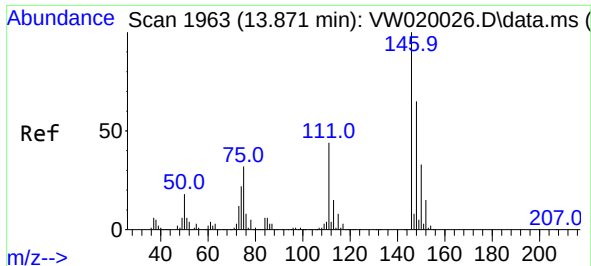
Tgt Ion:146 Resp: 8609
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 72.8 46.8 87.0



Instrument :
MSVOA_W
ClientSampled :
MDL04

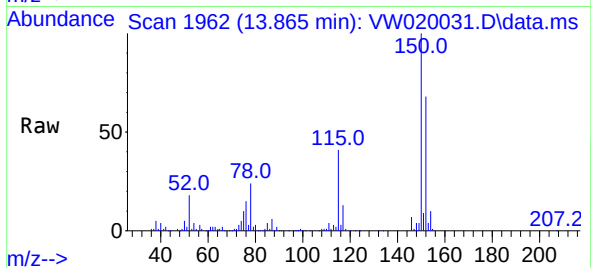
Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM



#67
1,2-Dichlorobenzene
Concen: 1.056 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

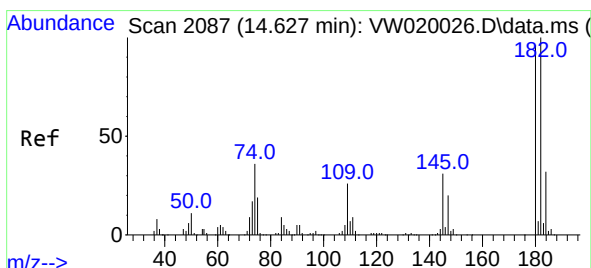
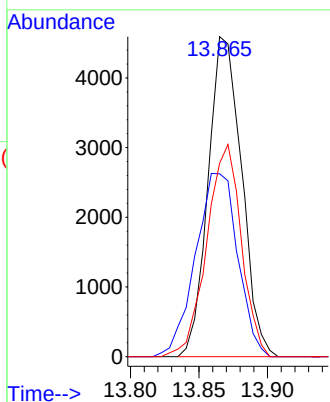
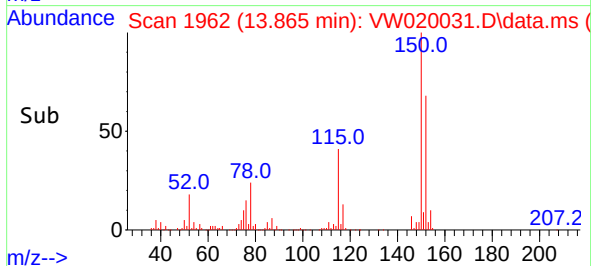
Instrument :
MSVOA_W
ClientSampled :
MDL04



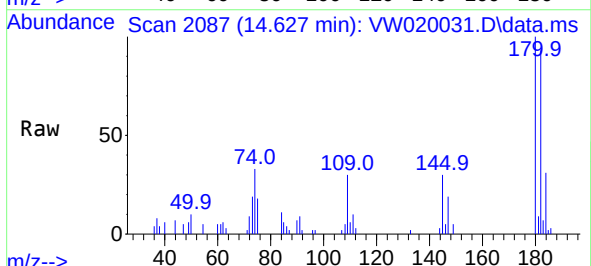
Tgt Ion:146 Resp: 7814
Ion Ratio Lower Upper
146 100
111 57.2 33.2 49.8#
148 60.5 50.4 75.6

Manual Integrations
APPROVED

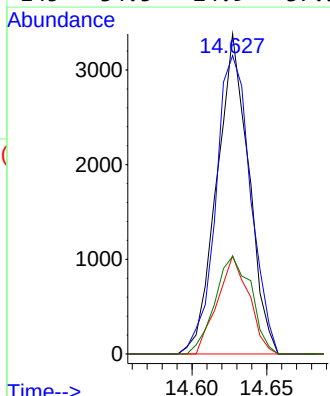
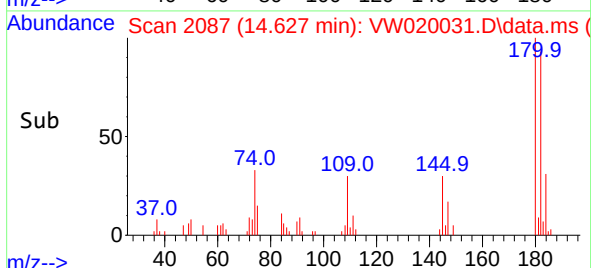
MMDadoda
9/17/2021 2:30:20 PM

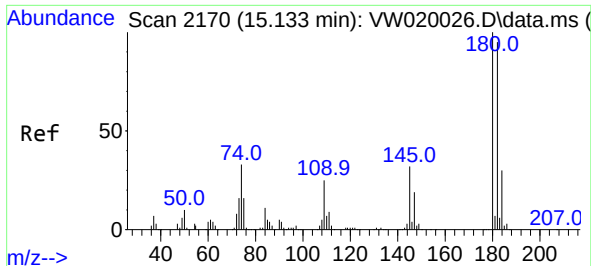


#69
1,3,5-Trichlorobenzene
Concen: 0.893 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37



Tgt Ion:180 Resp: 5020
Ion Ratio Lower Upper
180 100
182 101.6 73.4 110.2
184 30.1 23.6 35.4
145 34.5 24.9 37.3





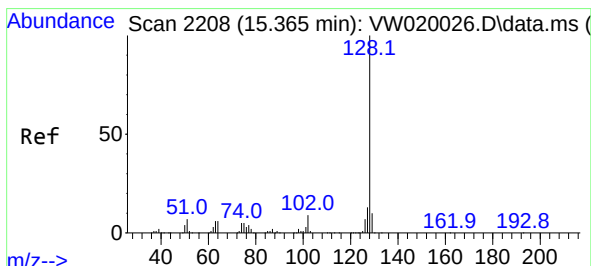
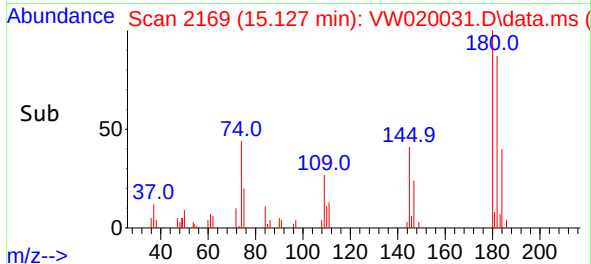
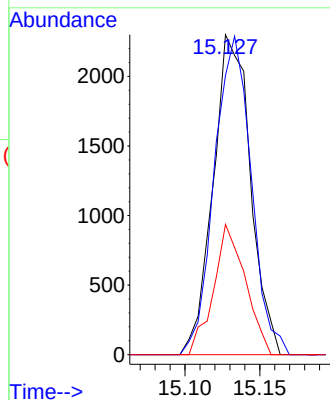
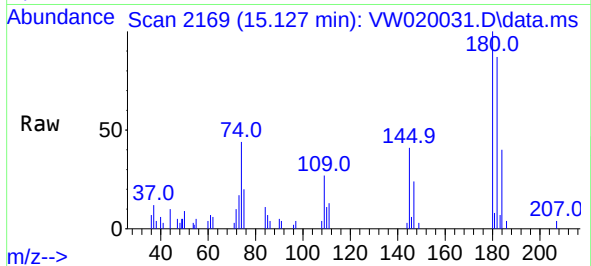
#70
1,2,4-trichlorobenzene
Concen: 0.905 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Instrument :
MSVOA_W
ClientSampled :
MDL04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	74.7	112.1
145	34.8	25.0	37.4

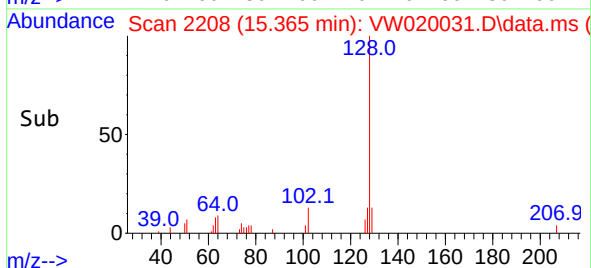
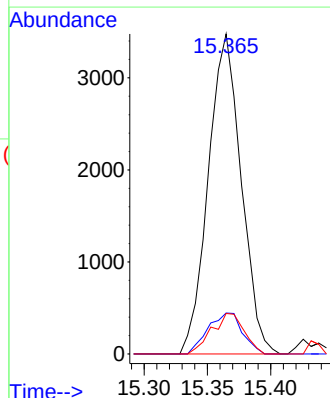
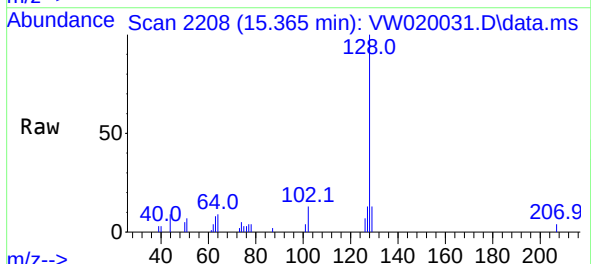
Manual Integrations
APPROVED

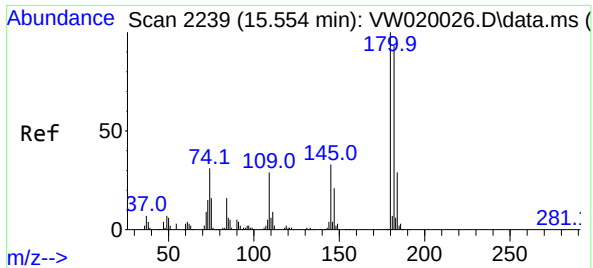
MMDadoda
9/17/2021 2:30:20 PM



#71
Naphthalene
Concen: 0.669 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	12.5	9.0	13.6





#72
1,2,3-Trichlorobenzene
Concen: 0.910 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020031.D
Acq: 15 Sep 2021 11:37

Tgt Ion:	180	Resp:	3760
Ion Ratio	Lower	Upper	
180	100		
182	89.2	76.7	115.1
145	33.0	28.9	43.3

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:30:20 PM

