

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.829	114	415972	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.622	117	294912	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	101525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	120171	14.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.320%
7) Chloroethane-d5	2.782	69	43855	7.899	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.600%
11) 1,1-Dichloroethene-d2	3.696	63	142869m	12.956	ug/L	-0.32
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.840%
21) 2-Butanone-d5	7.183	46	41675m	25.683	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.360%
24) Chloroform-d	7.671	84	208832m	17.136	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.560%
26) 1,2-Dichloroethane-d4	8.299	65	131922m	19.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.960%
32) Benzene-d6	8.250	84	486171	28.601	ug/L	-0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.400%
36) 1,2-Dichloropropane-d6	9.262	67	146731	30.729	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.920%#
41) Toluene-d8	10.311	98	491979	29.961	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.840%
43) trans-1,3-Dichloroprop...	10.567	79	36689	16.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.760%
47) 2-Hexanone-d5	10.945	63	26759m	29.356	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	46080	10.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	41.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	72405	20.402	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.989	85	82874	36.547	ug/L	96
3) Chloromethane	2.215	50	148965	33.996	ug/L	100
5) Vinyl chloride	2.355	62	117586	13.371	ug/L	99
6) Bromomethane	2.696	94	67460m	11.948	ug/L	
8) Chloroethane	2.806	64	29903m	7.050	ug/L	
9) Trichlorofluoromethane	3.062	101	4774m	1.188	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.714	101	26853m	4.468	ug/L	
12) 1,1-Dichloroethene	3.708	96	31439m	5.901	ug/L	
14) Carbon disulfide	3.964	76	41195m	2.820	ug/L	
15) Methyl Acetate	4.806	43	184893m	75.756	ug/L	
16) Methylene chloride	4.531	84	33494m	5.503	ug/L	
17) trans-1,2-Dichloroethene	4.995	96	120199m	20.048	ug/L	
18) Methyl tert-butyl Ether	5.495	73	61240m	6.691	ug/L	
19) 1,1-Dichloroethane	6.055	63	116188m	11.434	ug/L	
20) cis-1,2-Dichloroethene	7.141	96	112203m	17.424	ug/L	
22) 2-Butanone	7.269	43	46506m	27.373	ug/L	
23) Bromochloromethane	7.494	128	48716m	16.153	ug/L	
25) Chloroform	7.695	83	168358	14.984	ug/L	96
27) 1,2-Dichloroethane	8.390	62	122576m	16.366	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.891	56	117093m	18.359	ug/L	
30) 1,1,1-Trichloroethane	7.848	97	94165	13.511	ug/L #	85
31) Carbon tetrachloride	8.037	117	81350	12.478	ug/L	96
33) Benzene	8.305	78	443045	25.501	ug/L	100
34) Trichloroethene	9.079	95	119426	24.995	ug/L	88
35) Methylcyclohexane	9.311	83	130526m	16.629	ug/L	
37) 1,2-Dichloropropane	9.360	63	91436	21.748	ug/L #	95
38) Bromodichloromethane	9.646	83	93845	15.715	ug/L	94
39) cis-1,3-Dichloropropene	10.067	75	114249	17.525	ug/L	99
40) 4-Methyl-2-pentanone	10.219	43	67964m	25.647	ug/L	
42) Toluene	10.378	91	499373	25.648	ug/L	95
44) trans-1,3-Dichloropropene	10.597	75	79232	13.617	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	63208	17.984	ug/L	97
46) Tetrachloroethene	10.853	164	136514	38.020	ug/L	90
48) 2-Hexanone	10.969	43	49457m	27.933	ug/L	
49) Dibromochloromethane	11.122	129	48411	11.444	ug/L	100
50) 1,2-Dibromoethane	11.231	107	56537	16.020	ug/L	89
51) Chlorobenzene	11.646	112	258014	20.101	ug/L	95
52) Ethylbenzene	11.725	91	496635	22.928	ug/L	100
53) m,p-Xylene	11.835	106	194774	22.821	ug/L	97
54) o-Xylene	12.158	106	169130	20.650	ug/L	92
55) Styrene	12.176	104	239067	17.178	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.719	83	36892	8.404	ug/L	98
59) Bromoform	12.347	173	17221	11.969	ug/L #	75
60) Isopropylbenzene	12.457	105	513204	36.899	ug/L #	88
61) 1,2,3-Trichloropropane	12.774	75	36594	18.039	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	229366	29.642	ug/L	97
63) 1,2,4-Trimethylbenzene	13.243	105	320615	27.595	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	142179	22.896	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	126253	19.684	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	92804	16.332	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4048	9.131	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	71231	17.281	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	36722	11.075	ug/L	98
71) Naphthalene	15.359	128	52215	7.245	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22711	7.728	ug/L	98

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

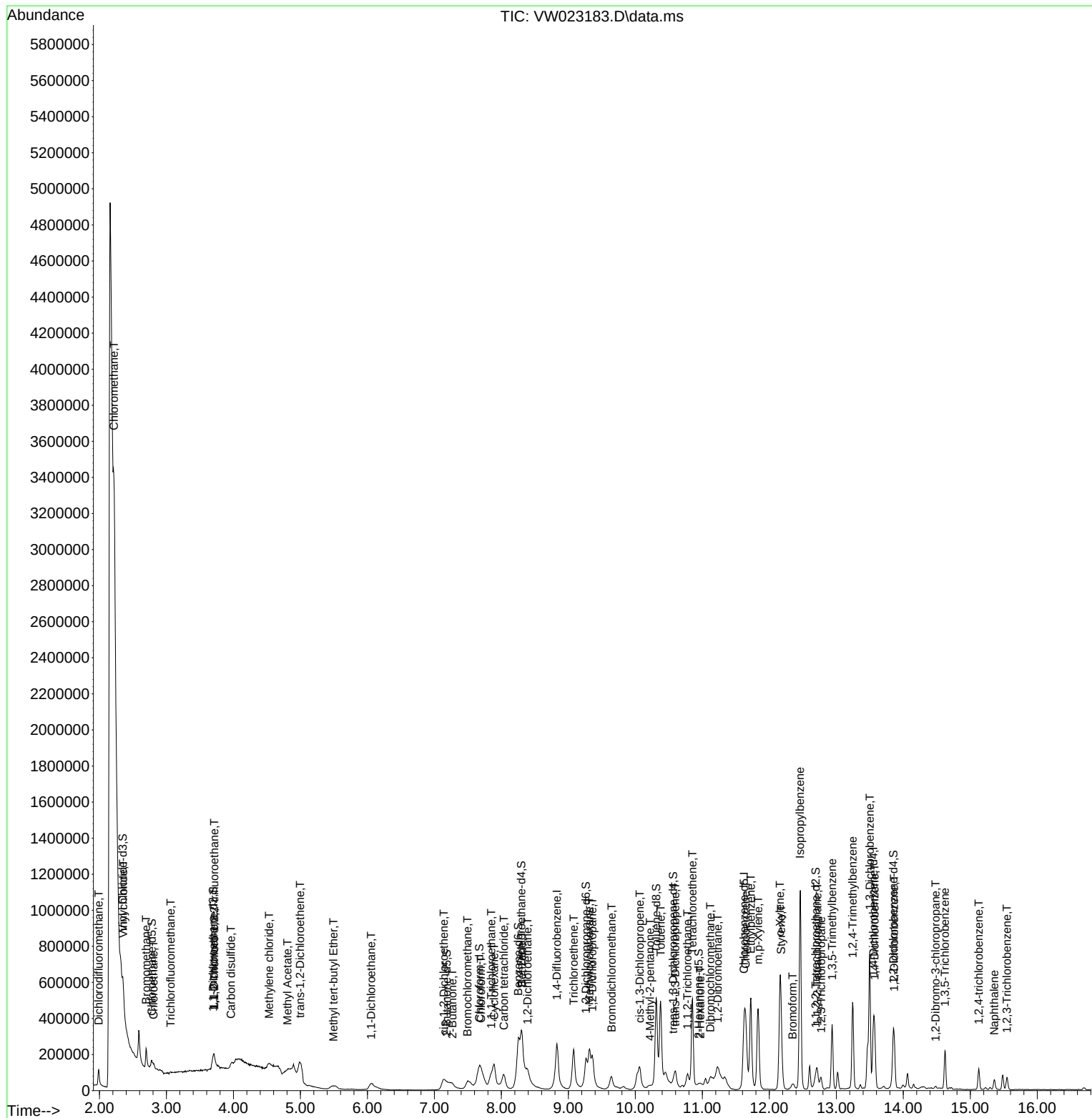
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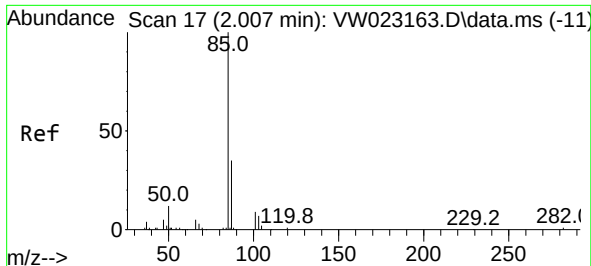
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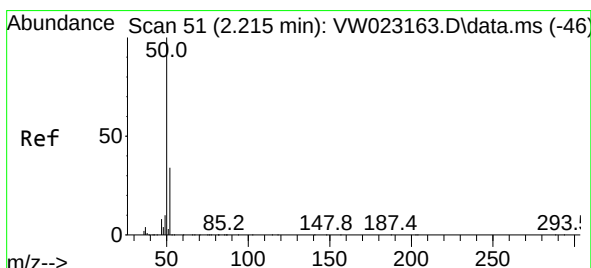
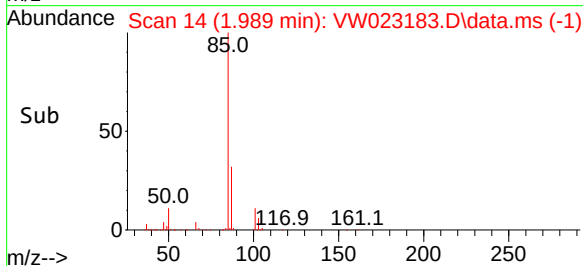
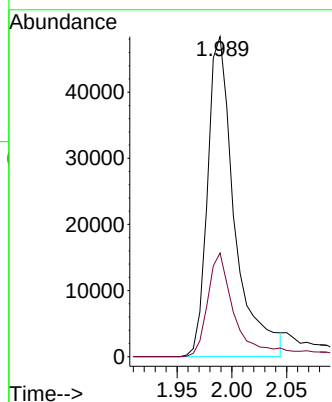
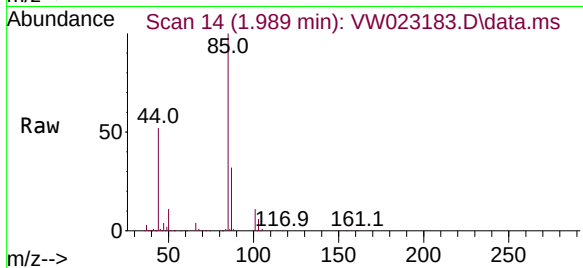
#2
Dichlorodifluoromethane
Concen: 36.547 ug/L
RT: 1.989 min Scan# 14
Delta R.T. -0.018 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Tgt Ion: 85 Resp: 82874
Ion Ratio Lower Upper
85 100
87 32.7 27.8 41.8

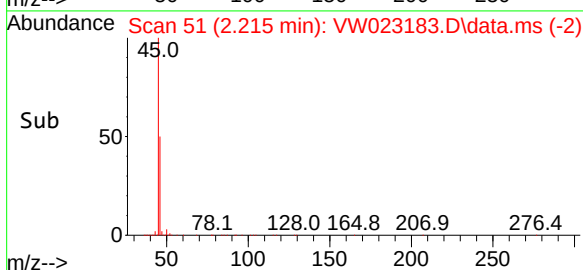
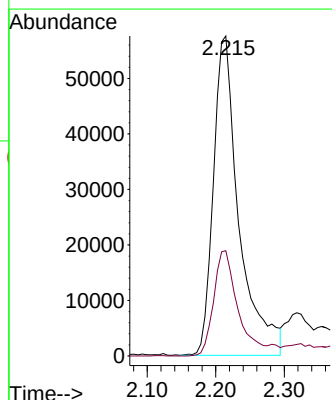
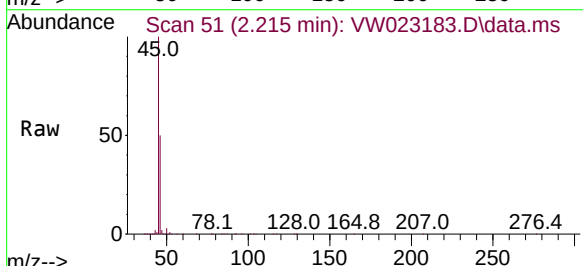
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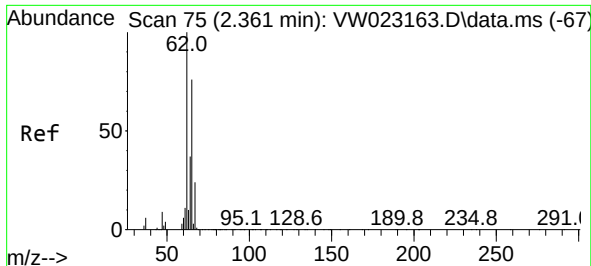
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#3
Chloromethane
Concen: 33.996 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

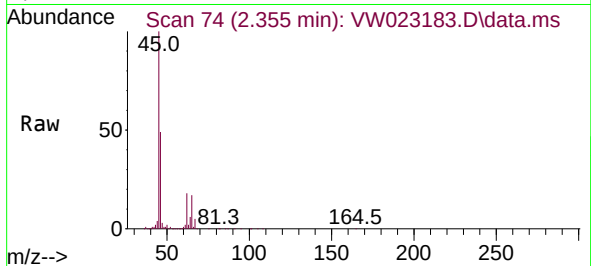
Tgt Ion: 50 Resp: 148965
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9





#5
 Vinyl chloride
 Concen: 13.371 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023183.D
 Acq: 19 May 2022 19:21

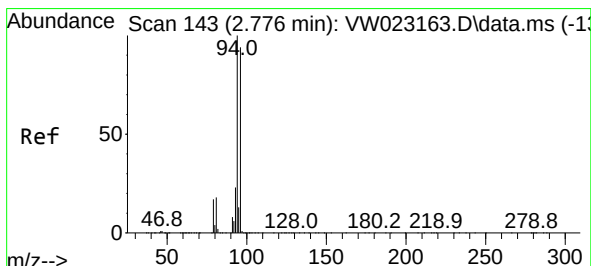
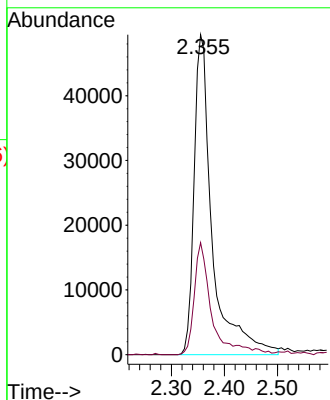
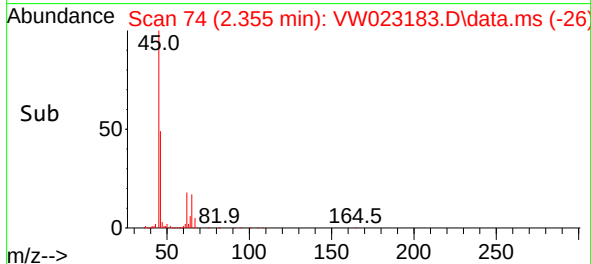
Instrument :
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 DBTF7MSD



Tgt Ion: 62 Resp: 117580
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.9 46.3

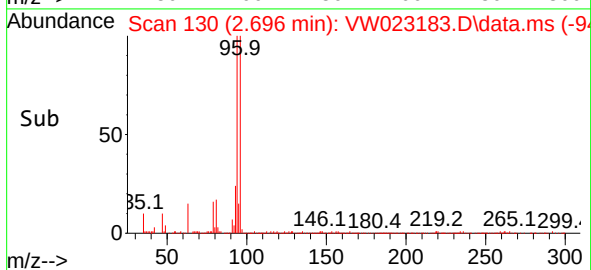
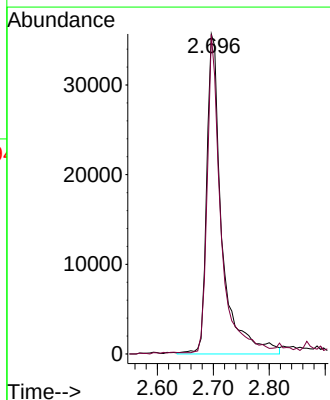
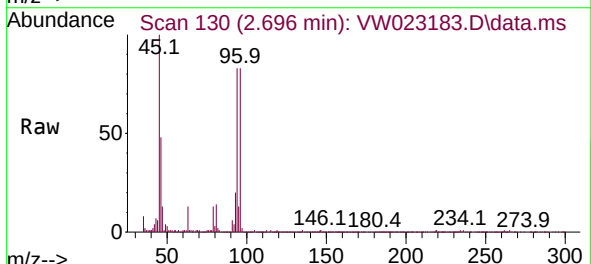
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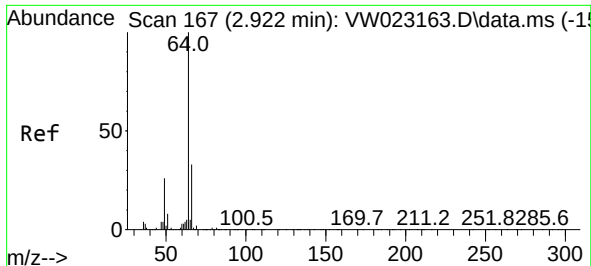
Reviewed By :John Carlone 06/07/2022
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#6
 Bromomethane
 Concen: 11.948 ug/L m
 RT: 2.696 min Scan# 130
 Delta R.T. -0.079 min
 Lab File: VW023183.D
 Acq: 19 May 2022 19:21

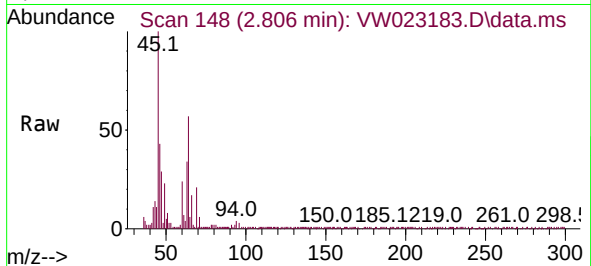
Tgt Ion: 94 Resp: 67460
 Ion Ratio Lower Upper
 94 100
 96 99.8 61.7 114.5





#8
Chloroethane
Concen: 7.050 ug/L m
RT: 2.806 min Scan# 14
Delta R.T. -0.116 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

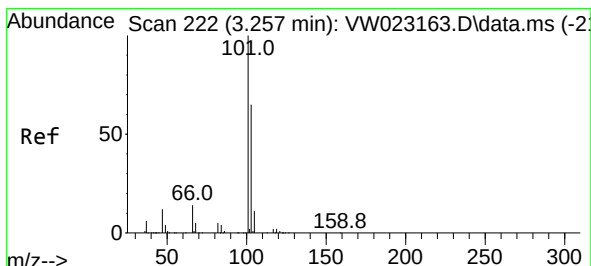
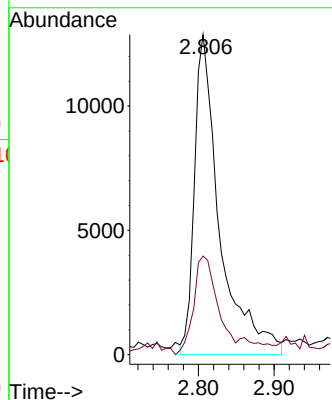
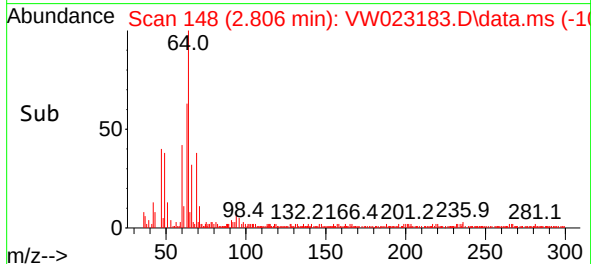
Instrument :
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DBTF7MSD



Tgt Ion: 64 Resp: 2990
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6

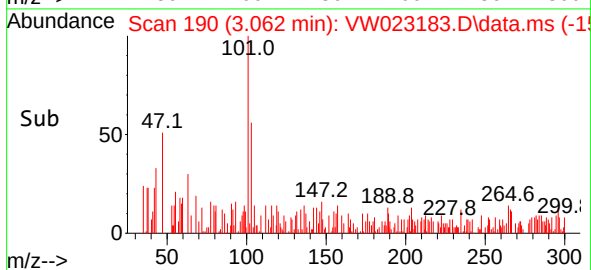
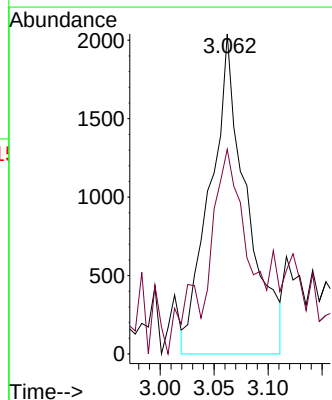
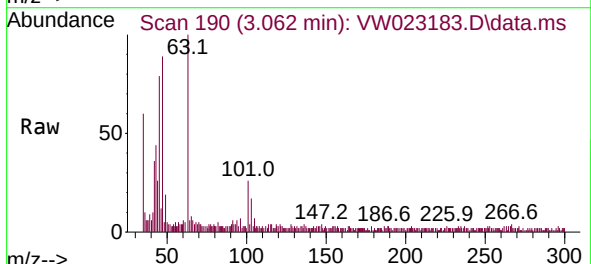
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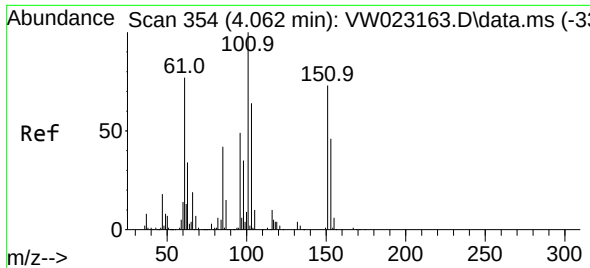
Reviewed By :John Carlone 06/07/2022
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#9
Trichlorofluoromethane
Concen: 1.188 ug/L m
RT: 3.062 min Scan# 190
Delta R.T. -0.195 min
Lab File: VW023183.D
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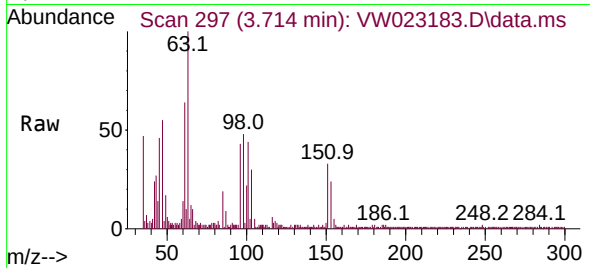
Tgt Ion:101 Resp: 4774
Ion Ratio Lower Upper
101 100
103 8.9 53.9 80.9#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.468 ug/L m
RT: 3.714 min Scan# 295
Delta R.T. -0.347 min
Lab File: VW023183.D
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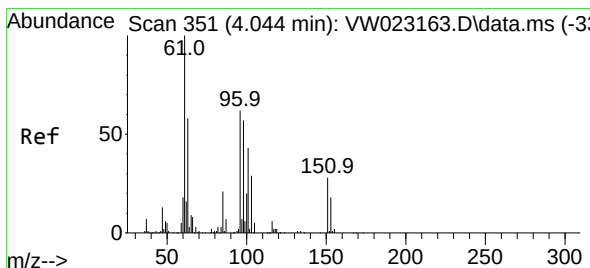
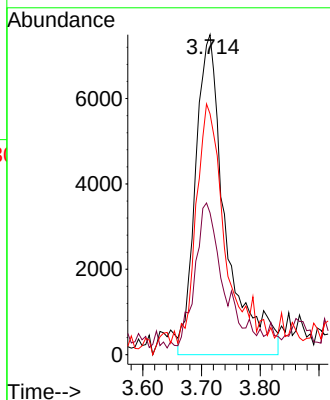
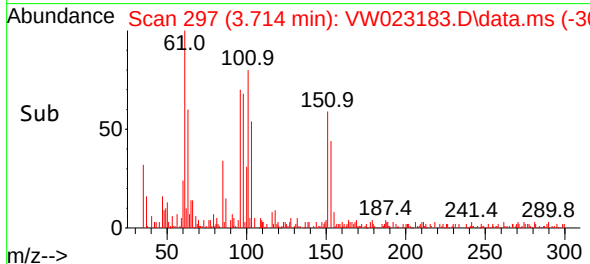
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Tgt Ion:101 Resp: 2685
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5
151 0.4 54.2 81.2

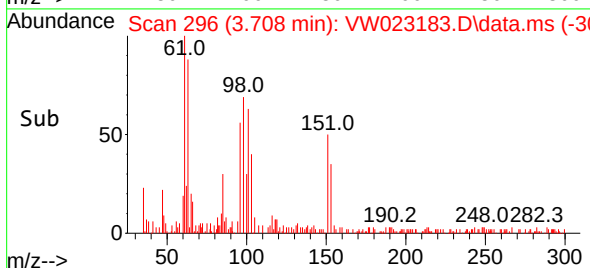
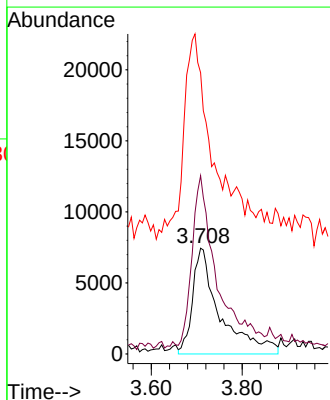
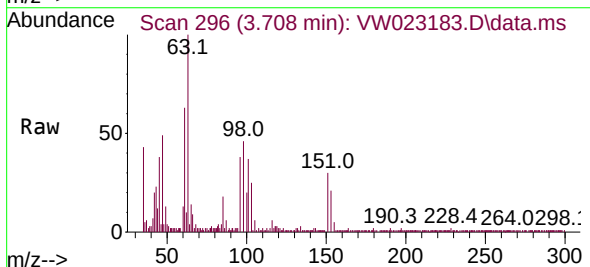
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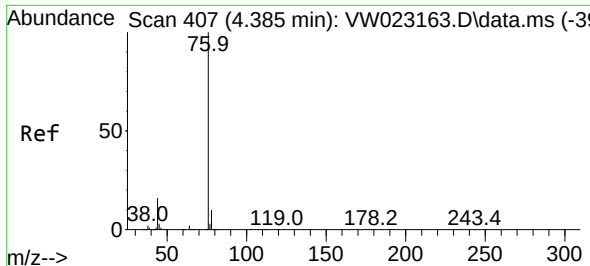
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
1,1-Dichloroethene
Concen: 5.901 ug/L m
RT: 3.708 min Scan# 296
Delta R.T. -0.335 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

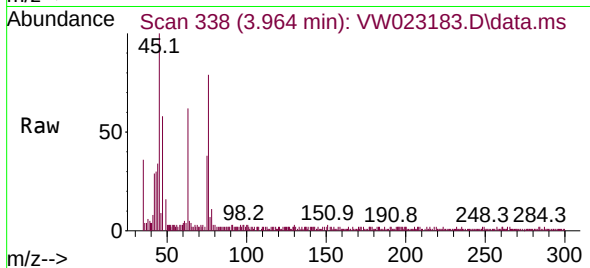
Tgt Ion: 96 Resp: 31439
Ion Ratio Lower Upper
96 100
61 168.7 125.7 233.5
63 266.1 83.4 155.0#





#14
Carbon disulfide
Concen: 2.820 ug/L m
RT: 3.964 min Scan# 311
Delta R.T. -0.421 min
Lab File: VW023183.D
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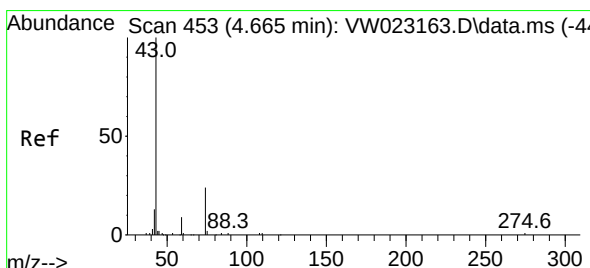
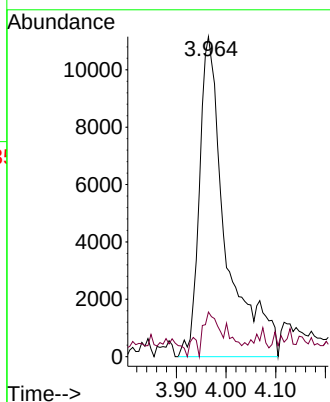
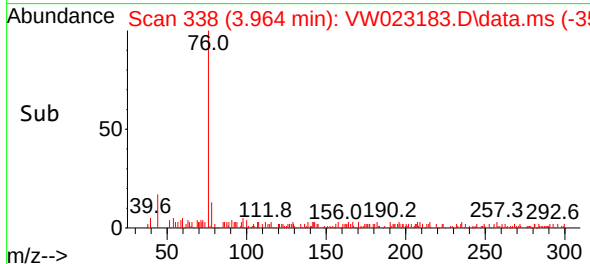
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Tgt Ion: 76 Resp: 4119
Ion Ratio Lower Upper
76 100
78 14.0 7.7 11.5

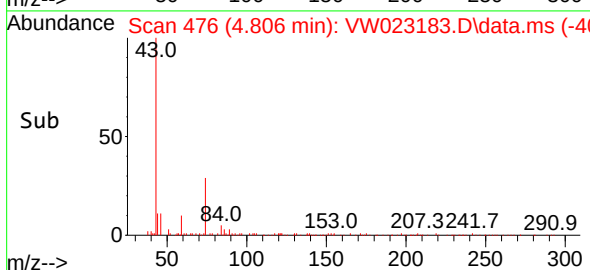
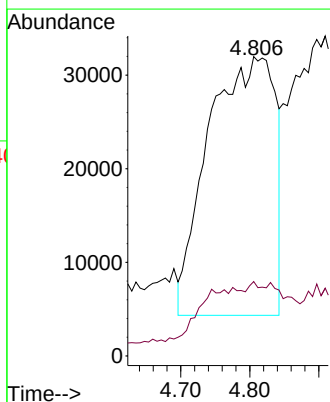
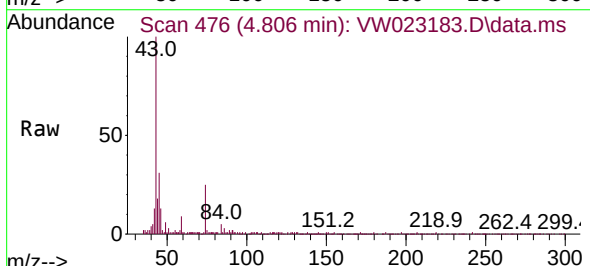
Manual Integrations
APPROVED

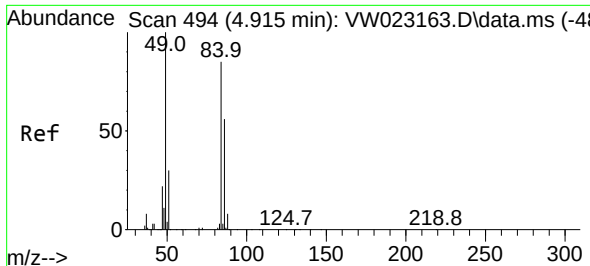
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#15
Methyl Acetate
Concen: 75.756 ug/L m
RT: 4.806 min Scan# 476
Delta R.T. 0.140 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

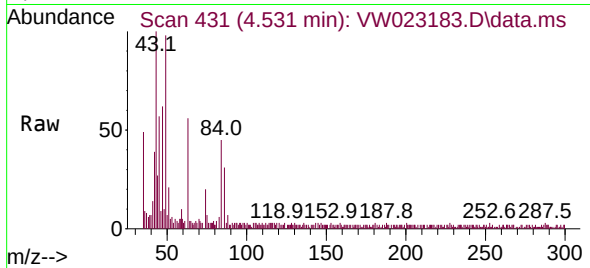
Tgt Ion: 43 Resp: 184893
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9





#16
Methylene chloride
Concen: 5.503 ug/L m
RT: 4.531 min Scan# 41
Delta R.T. -0.384 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

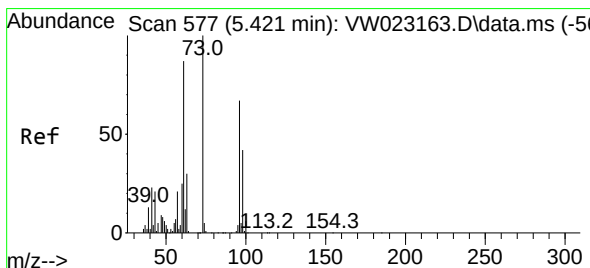
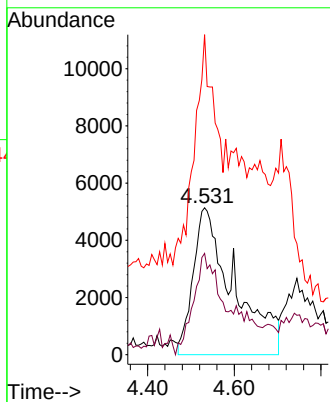
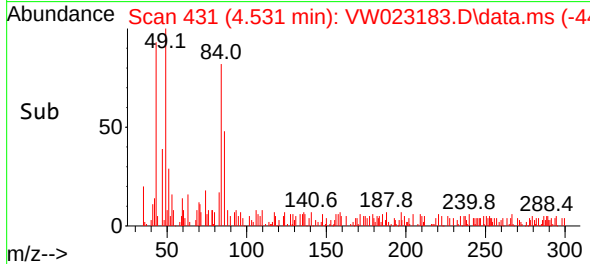
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 84 Resp: 33494
Ion Ratio Lower Upper
84 100
86 69.0 45.4 84.4
49 217.9 82.5 153.1

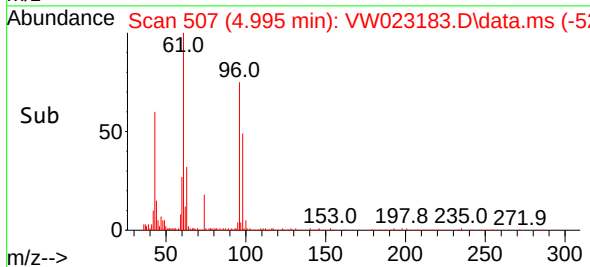
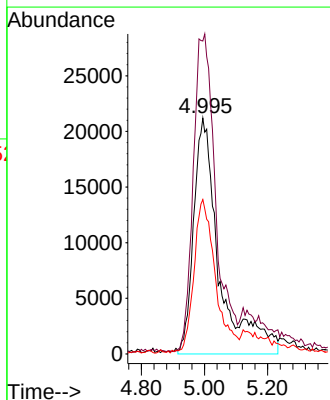
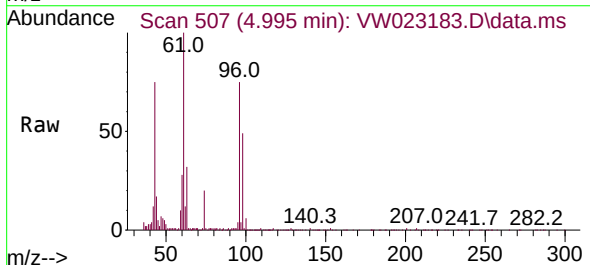
Manual Integrations
APPROVED

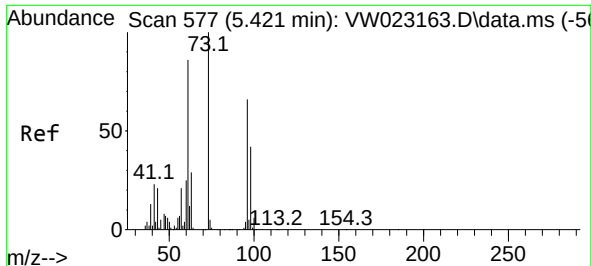
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#17
trans-1,2-Dichloroethene
Concen: 20.048 ug/L m
RT: 4.995 min Scan# 507
Delta R.T. -0.427 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

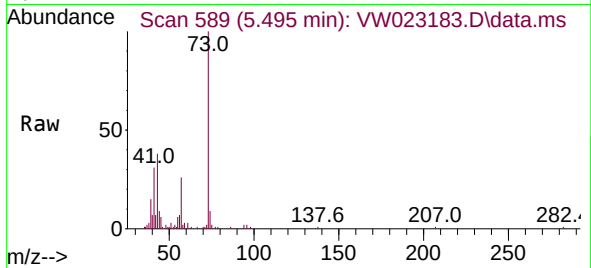
Tgt Ion: 96 Resp: 120199
Ion Ratio Lower Upper
96 100
61 132.7 92.2 171.2
98 65.5 42.9 79.7





#18
Methyl tert-butyl Ether
Concen: 6.691 ug/L m
RT: 5.495 min Scan# 51
Delta R.T. 0.073 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

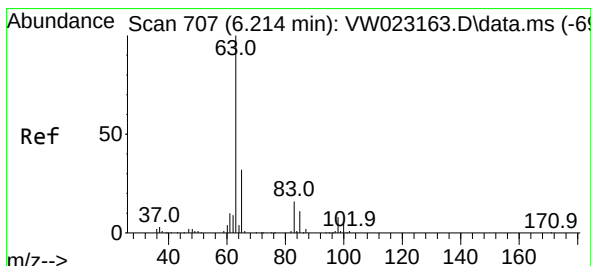
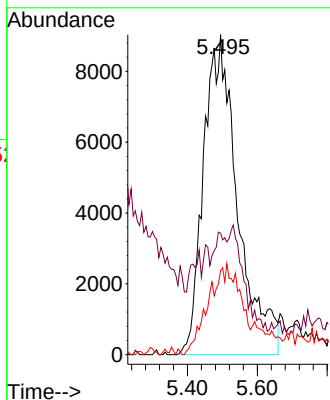
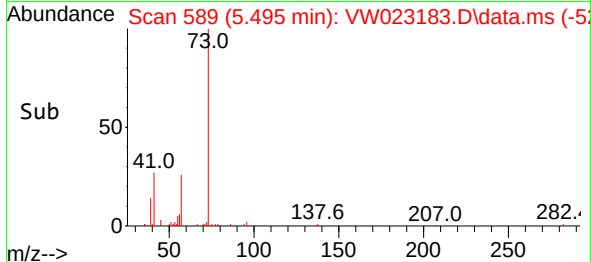
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 73 Resp: 61240
Ion Ratio Lower Upper
73 100
43 0.0 15.9 23.9
57 1.4 16.5 24.7

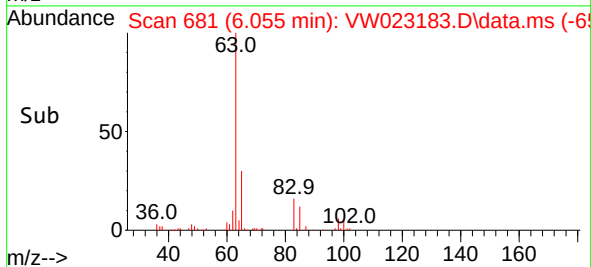
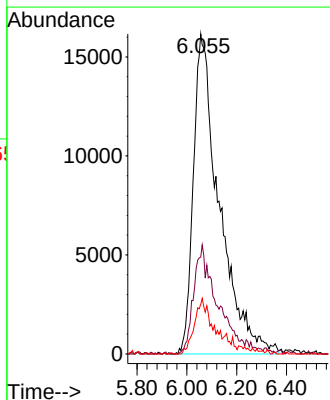
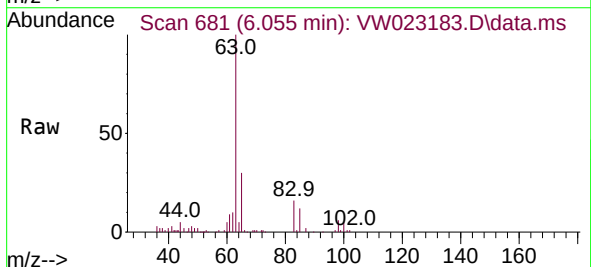
Manual Integrations
APPROVED

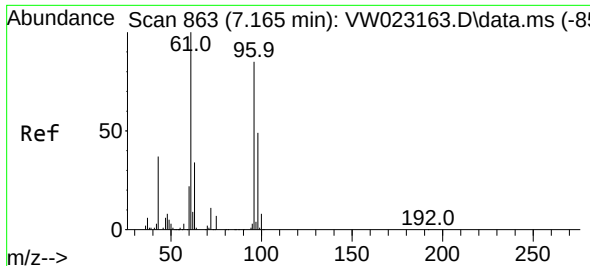
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#19
1,1-Dichloroethane
Concen: 11.434 ug/L m
RT: 6.055 min Scan# 681
Delta R.T. -0.159 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

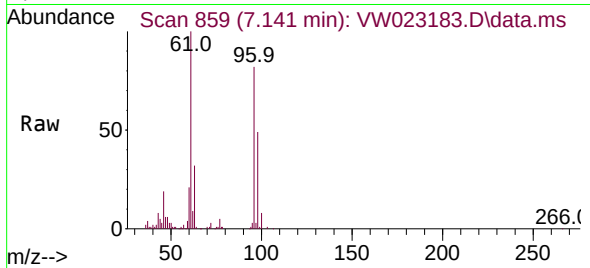
Tgt Ion: 63 Resp: 116188
Ion Ratio Lower Upper
63 100
65 30.3 23.3 43.3
83 15.5 11.1 20.5





#20
cis-1,2-Dichloroethene
Concen: 17.424 ug/L m
RT: 7.141 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

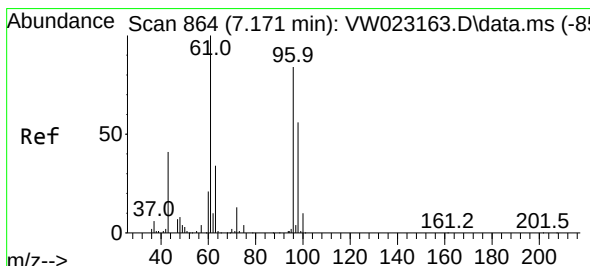
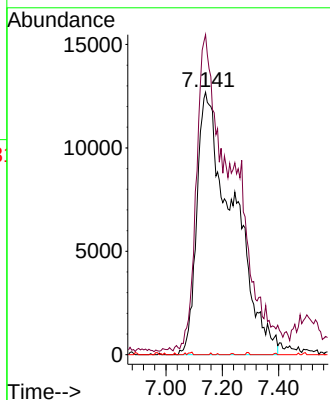
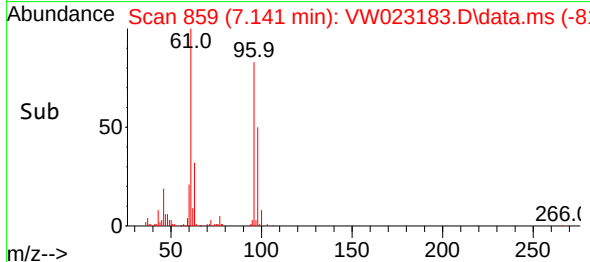
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 96 Resp: 11220
Ion Ratio Lower Upper
96 100
61 122.0 84.2 156.4
68 0.0 0.1 0.1

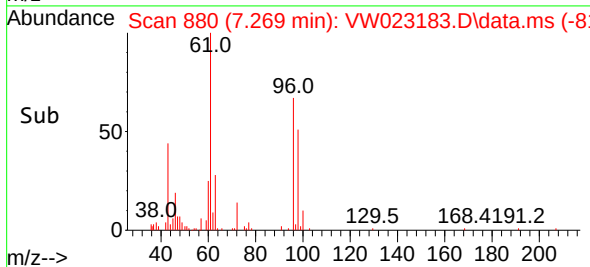
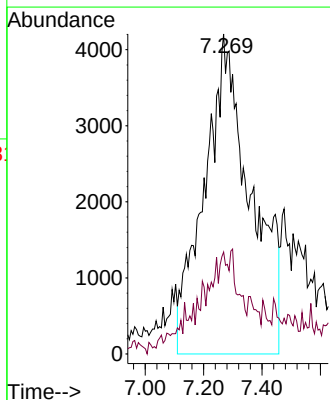
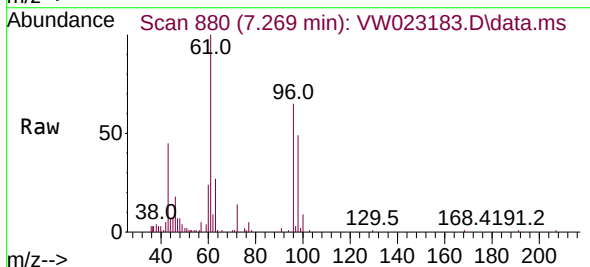
Manual Integrations
APPROVED

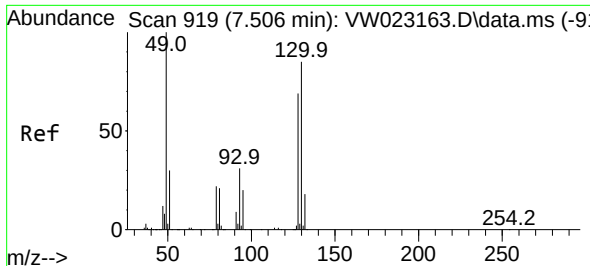
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#22
2-Butanone
Concen: 27.373 ug/L m
RT: 7.269 min Scan# 880
Delta R.T. 0.098 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

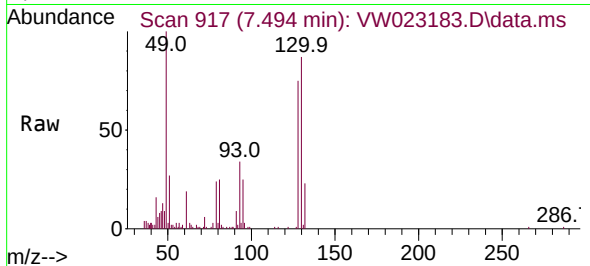
Tgt Ion: 43 Resp: 46506
Ion Ratio Lower Upper
43 100
72 0.2 15.1 45.3#





#23
Bromochloromethane
Concen: 16.153 ug/L m
RT: 7.494 min Scan# 917
Delta R.T. -0.012 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

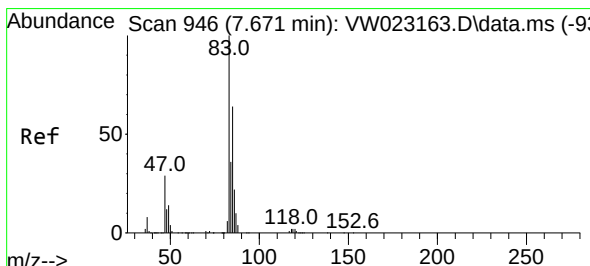
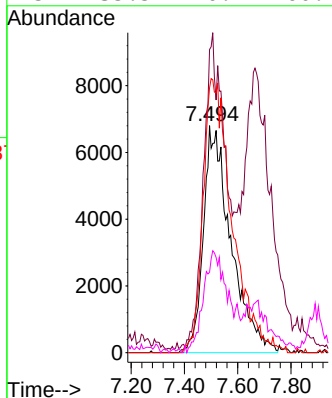
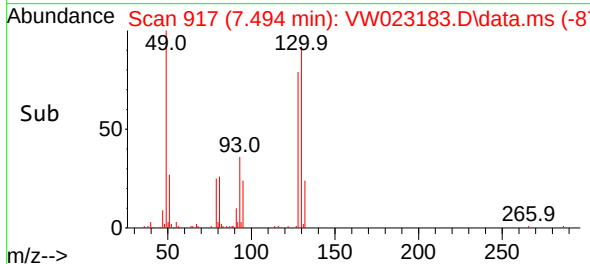
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion:128 Resp: 48710
Ion Ratio Lower Upper
128 100
49 133.5 110.0 204.4
130 116.7 94.8 176.0
51 35.5 40.2 60.2#

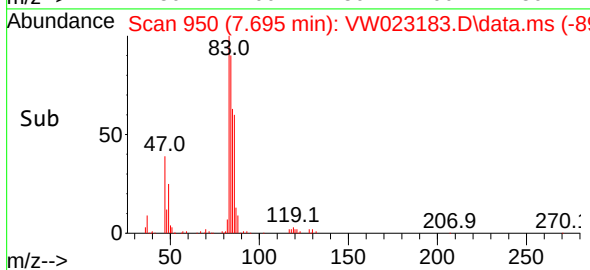
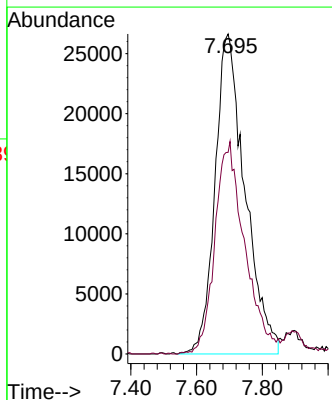
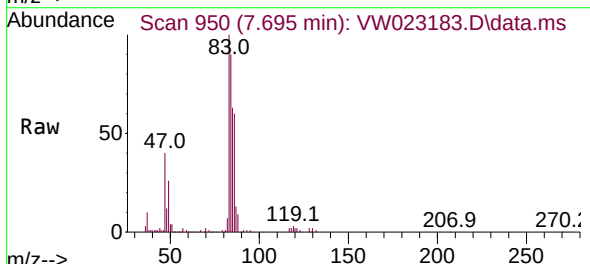
Manual Integrations
APPROVED

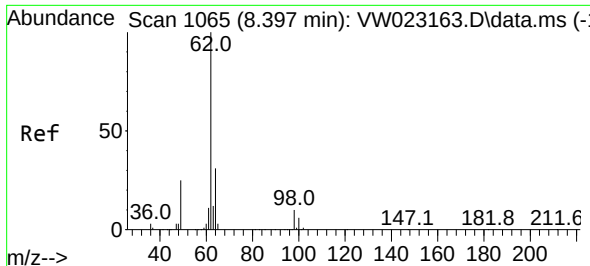
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#25
Chloroform
Concen: 14.984 ug/L
RT: 7.695 min Scan# 950
Delta R.T. 0.024 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

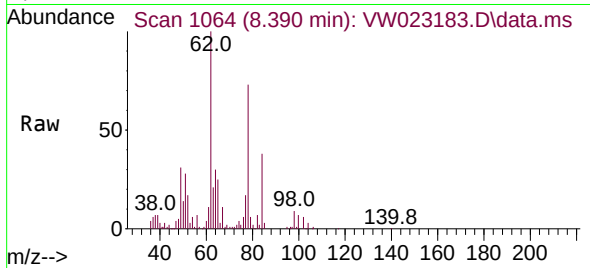
Tgt Ion: 83 Resp: 168358
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6





#27
1,2-Dichloroethane
Concen: 16.366 ug/L m
RT: 8.390 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

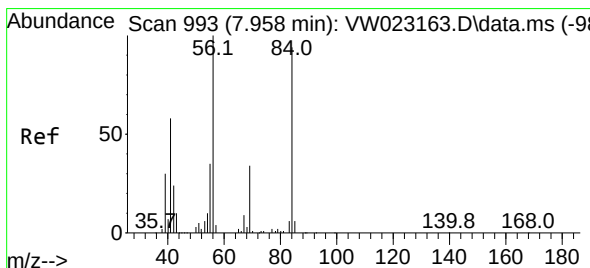
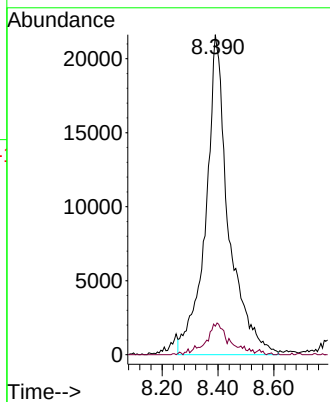
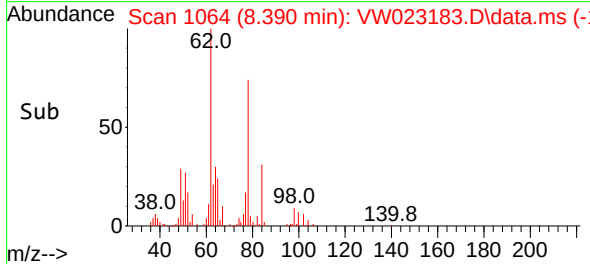
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 62 Resp: 122570
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

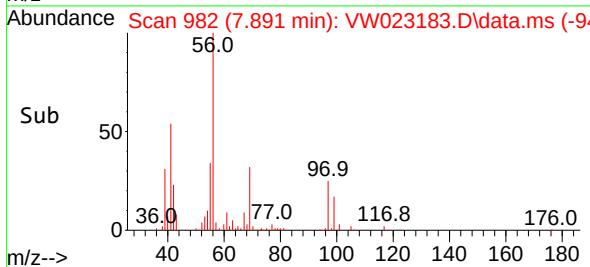
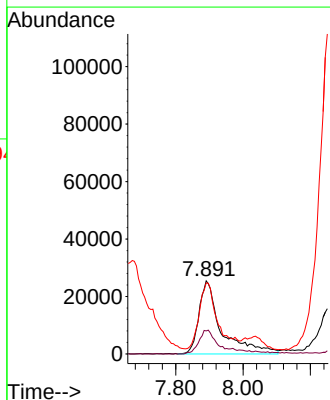
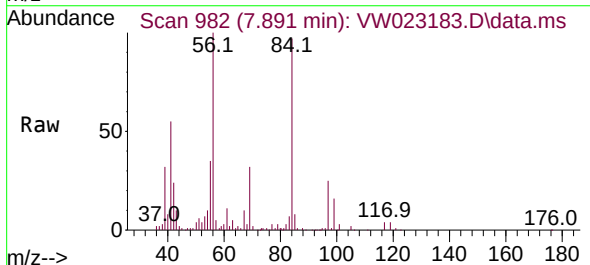
Manual Integrations
APPROVED

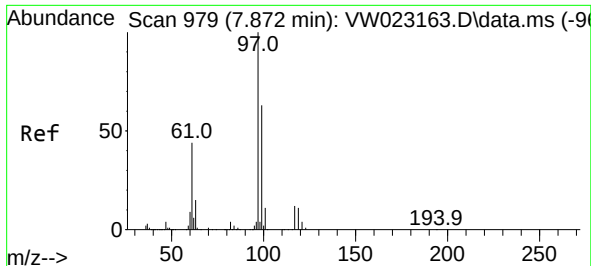
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#29
Cyclohexane
Concen: 18.359 ug/L m
RT: 7.891 min Scan# 982
Delta R.T. -0.067 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Tgt Ion: 56 Resp: 117093
Ion Ratio Lower Upper
56 100
69 24.5 25.6 38.4#
84 65.0 78.2 117.4#





#30

1,1,1-Trichloroethane

Concen: 13.511 ug/L

RT: 7.848 min Scan# 91

Delta R.T. -0.024 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSD

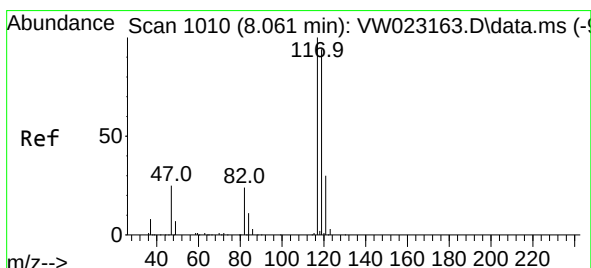
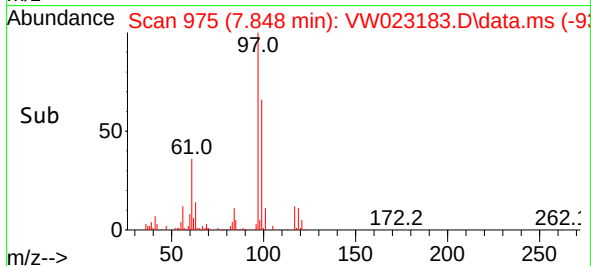
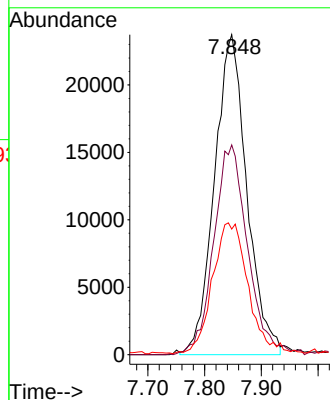
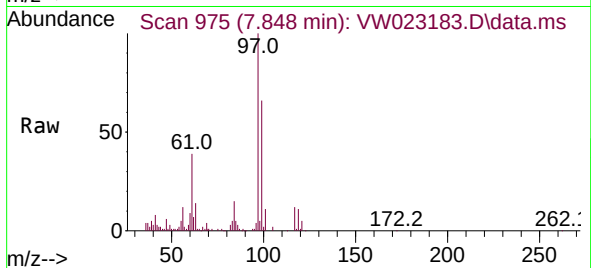
Tgt Ion:	97	Resp:	9416
Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.0	76.4
61	24.8	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#31

Carbon tetrachloride

Concen: 12.478 ug/L

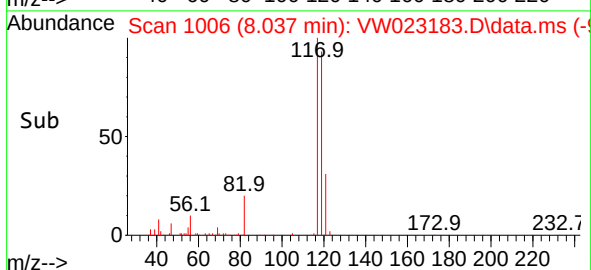
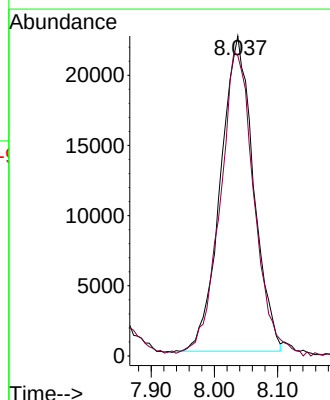
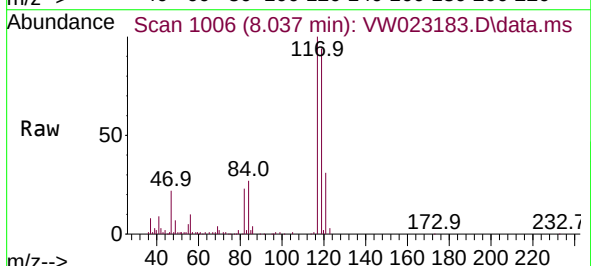
RT: 8.037 min Scan# 1006

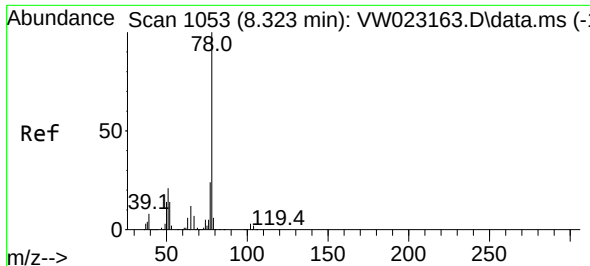
Delta R.T. -0.024 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Tgt Ion:	117	Resp:	81350
Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.6	115.0





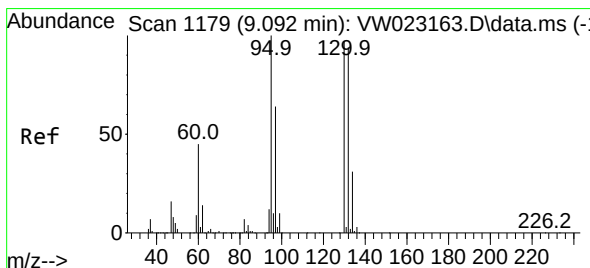
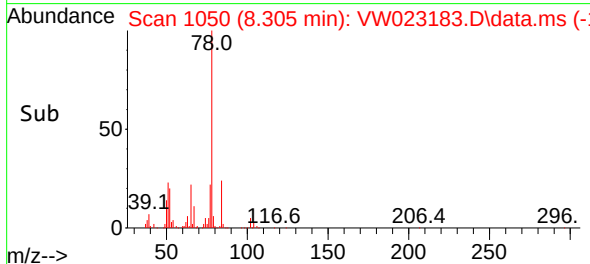
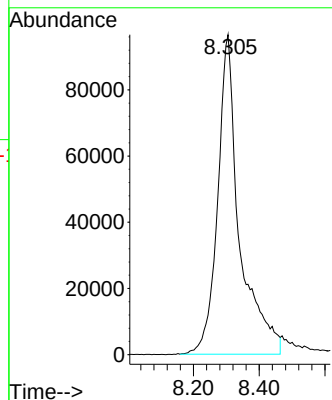
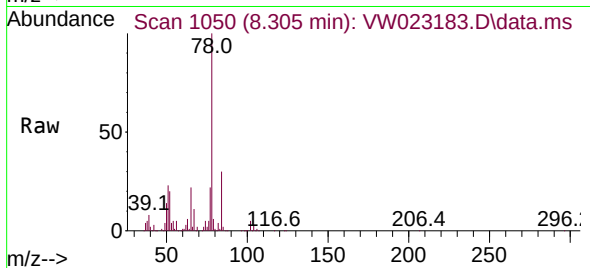
#33
Benzene
Concen: 25.501 ug/L
RT: 8.305 min Scan# 1050
Delta R.T. -0.018 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Tgt Ion: 78 Resp: 44304

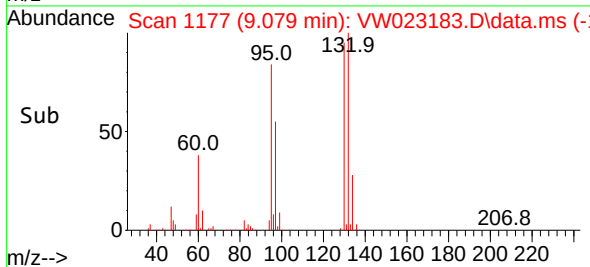
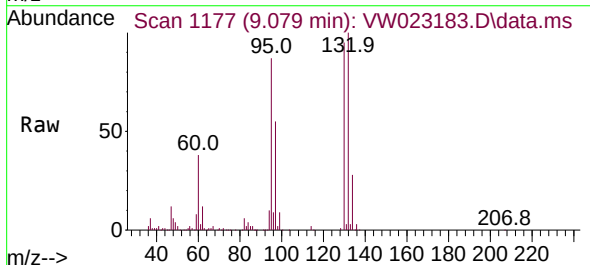
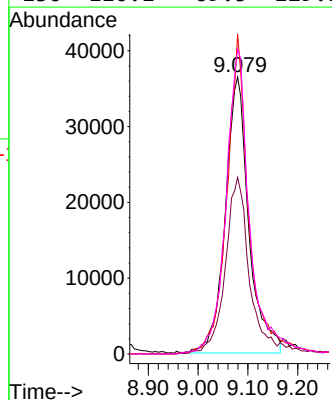
Manual Integrations
APPROVED

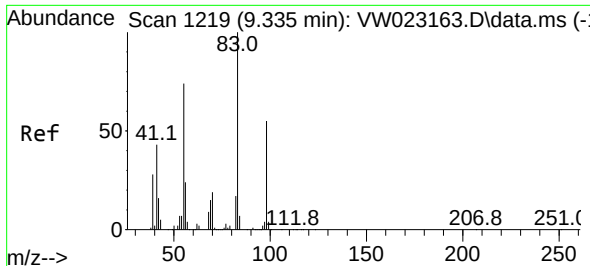
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Trichloroethene
Concen: 24.995 ug/L
RT: 9.079 min Scan# 1177
Delta R.T. -0.012 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

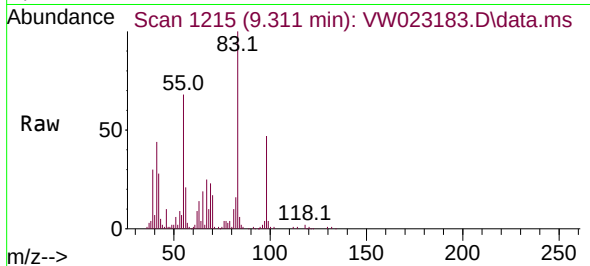
Tgt Ion: 95 Resp: 119426
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.7
132 115.6 66.9 124.3
130 110.1 69.5 129.1





#35
Methylcyclohexane
Concen: 16.629 ug/L m
RT: 9.311 min Scan# 1215
Delta R.T. -0.024 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

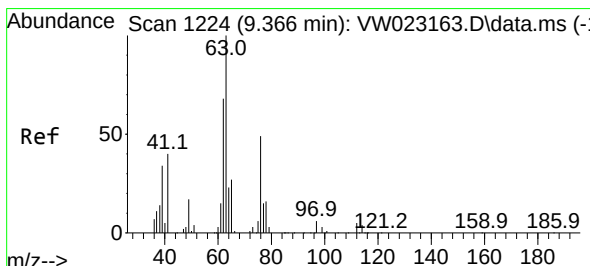
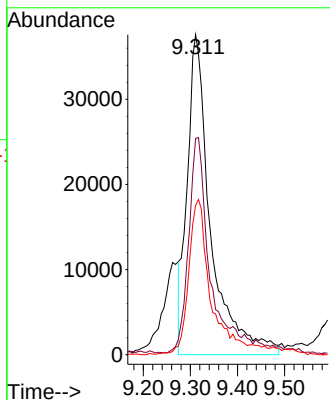
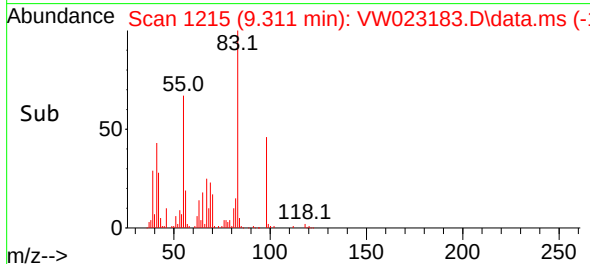
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 83 Resp: 130520
Ion Ratio Lower Upper
83 100
55 55.9 55.1 82.7
98 43.0 40.4 60.6

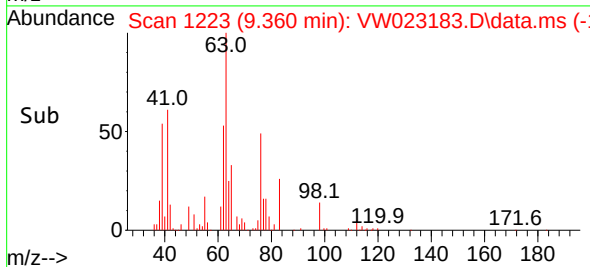
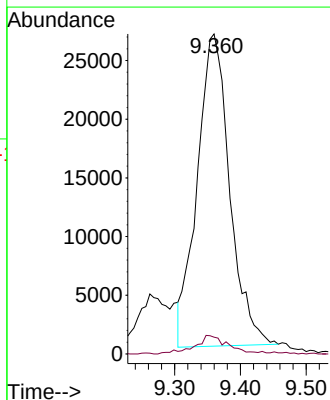
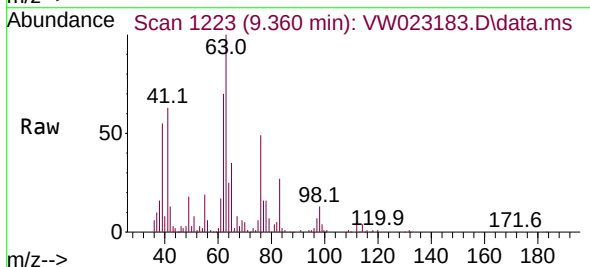
Manual Integrations
APPROVED

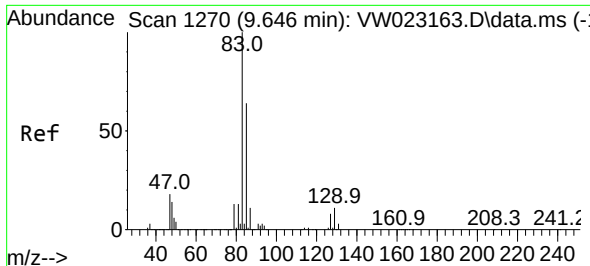
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#37
1,2-Dichloropropane
Concen: 21.748 ug/L
RT: 9.360 min Scan# 1223
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

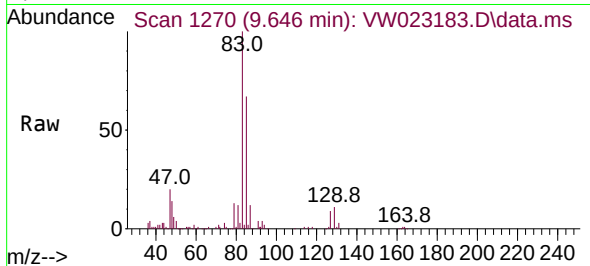
Tgt Ion: 63 Resp: 91436
Ion Ratio Lower Upper
63 100
112 3.1 3.8 5.8#





#38
Bromodichloromethane
Concen: 15.715 ug/L
RT: 9.646 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

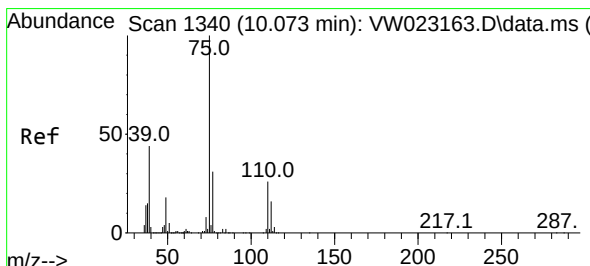
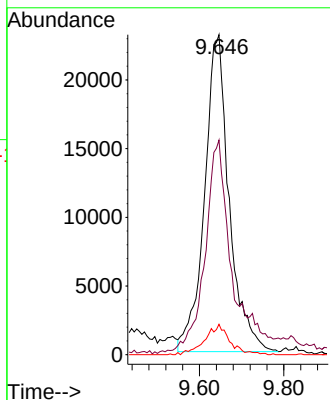
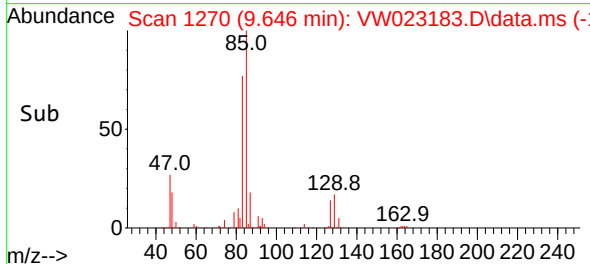
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 83 Resp: 9384
Ion Ratio Lower Upper
83 100
85 67.0 43.5 80.7
127 9.5 7.1 10.7

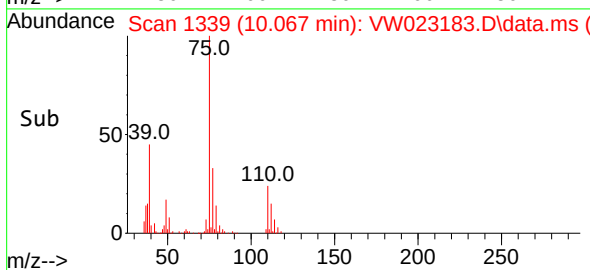
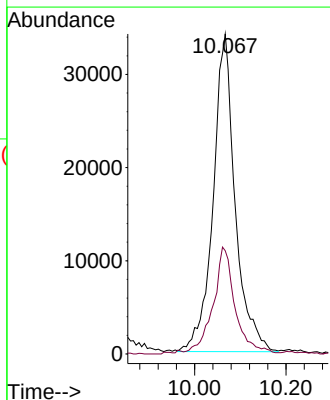
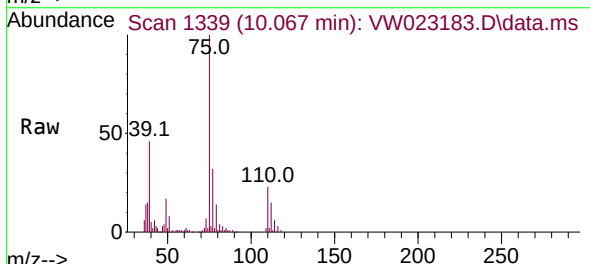
Manual Integrations
APPROVED

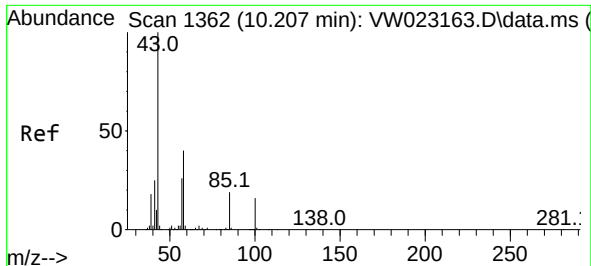
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#39
cis-1,3-Dichloropropene
Concen: 17.525 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

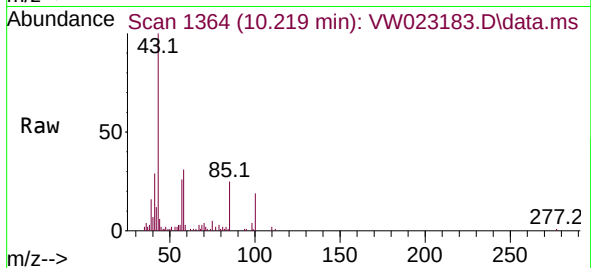
Tgt Ion: 75 Resp: 114249
Ion Ratio Lower Upper
75 100
77 32.3 22.1 41.1





#40
4-Methyl-2-pentanone
Concen: 25.647 ug/L m
RT: 10.219 min Scan# 1364
Delta R.T. 0.012 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

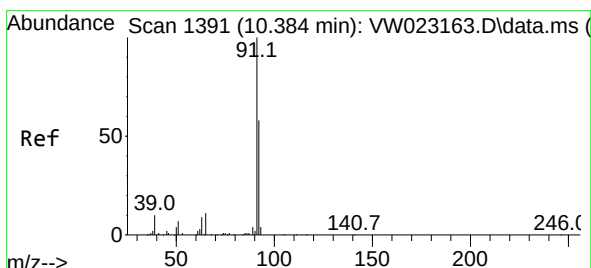
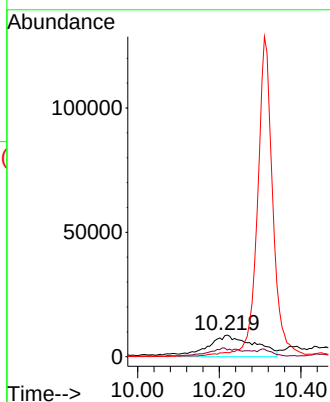
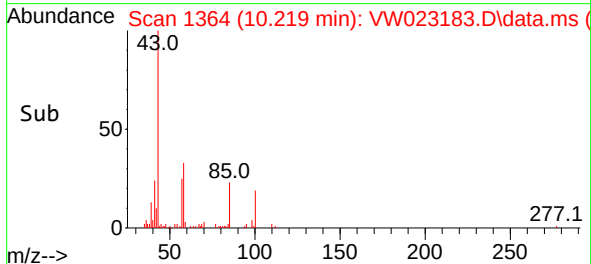
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 43 Resp: 67964
Ion Ratio Lower Upper
43 100
58 9.6 31.4 47.2
100 3.7 14.2 21.4

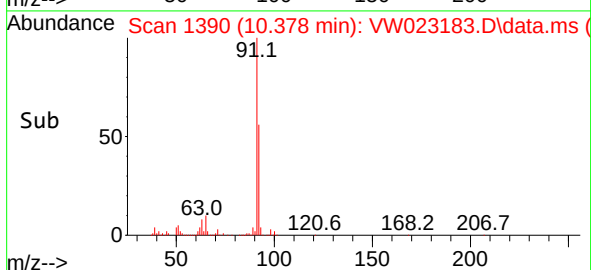
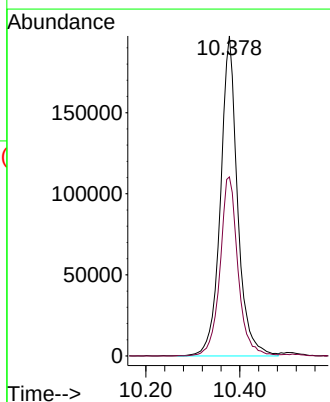
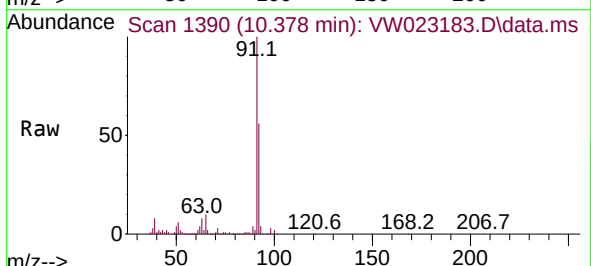
Manual Integrations
APPROVED

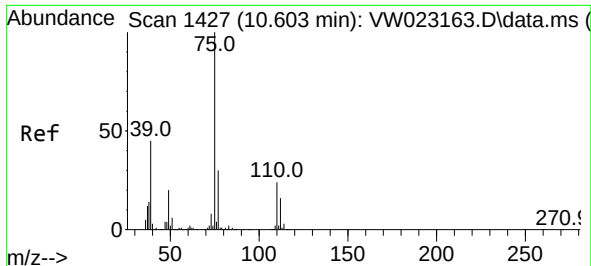
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#42
Toluene
Concen: 25.648 ug/L
RT: 10.378 min Scan# 1390
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

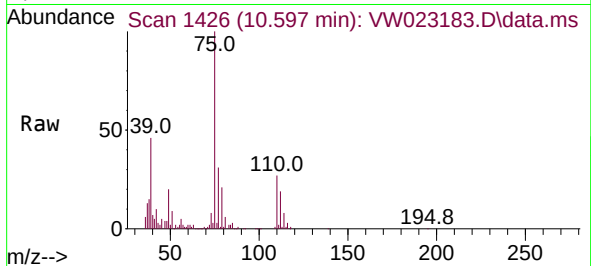
Tgt Ion: 91 Resp: 499373
Ion Ratio Lower Upper
91 100
92 55.9 41.6 77.2





#44
trans-1,3-Dichloropropene
Concen: 13.617 ug/L
RT: 10.597 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

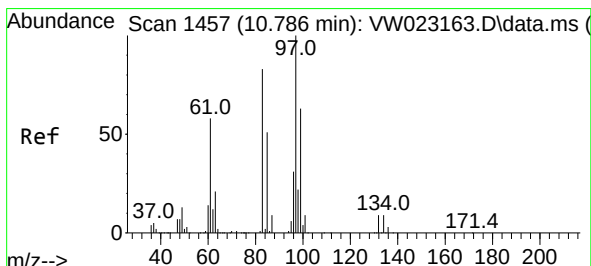
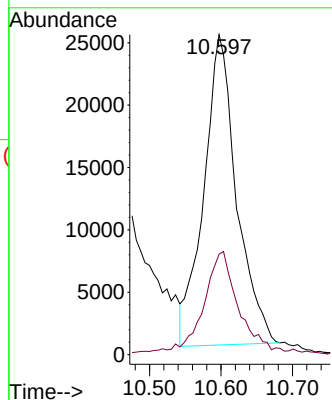
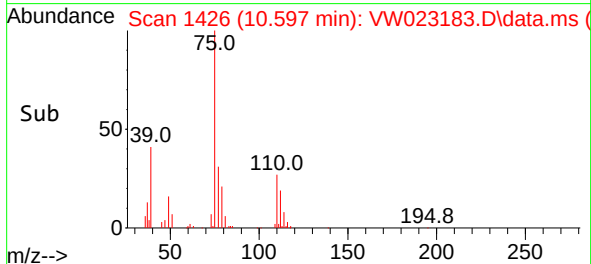
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion: 75 Resp: 7923
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

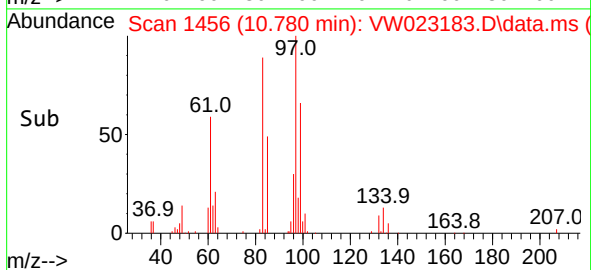
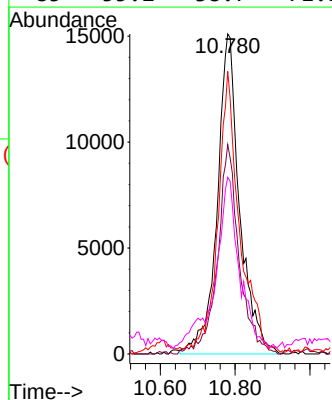
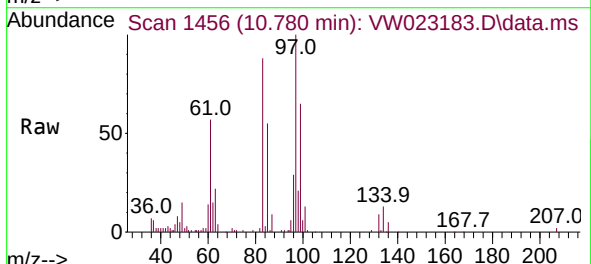
Manual Integrations
APPROVED

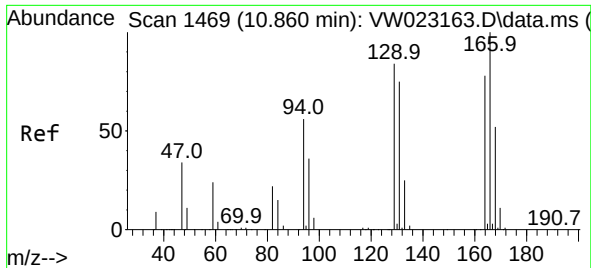
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#45
1,1,2-Trichloroethane
Concen: 17.984 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

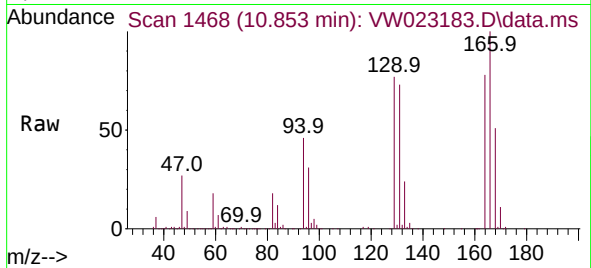
Tgt Ion: 97 Resp: 63208
Ion Ratio Lower Upper
97 100
99 65.4 44.7 82.9
83 88.3 58.4 108.4
85 55.2 38.7 71.9





#46
Tetrachloroethene
Concen: 38.020 ug/L
RT: 10.853 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

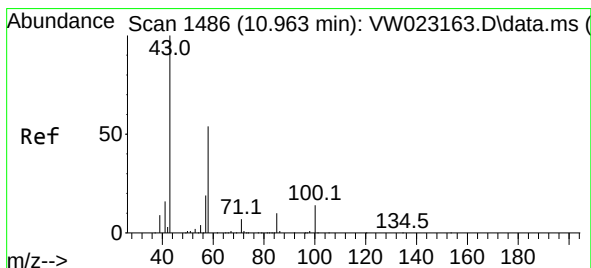
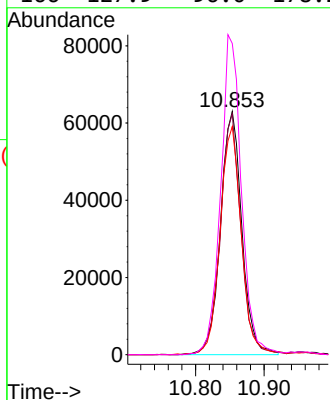
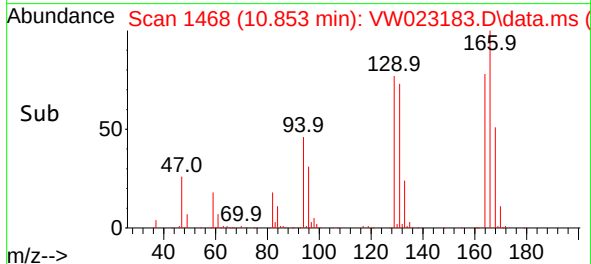
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion:164 Resp: 136514
Ion Ratio Lower Upper
164 100
129 99.0 76.9 142.7
131 93.8 75.1 139.5
166 127.9 96.0 178.2

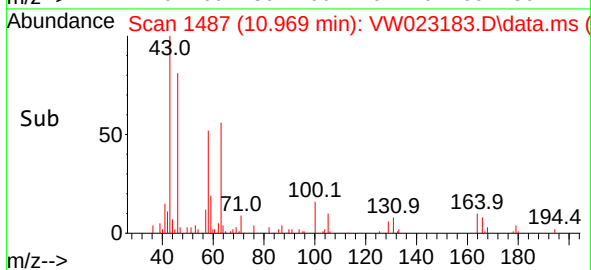
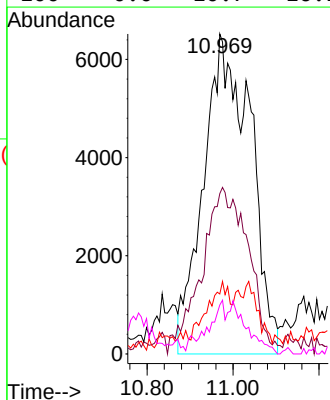
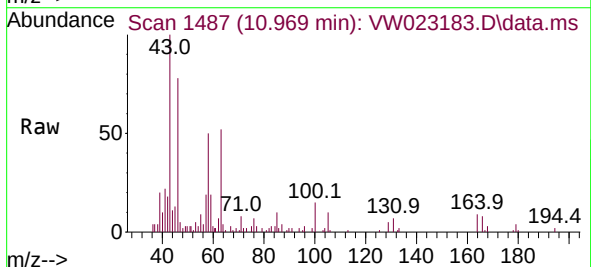
Manual Integrations
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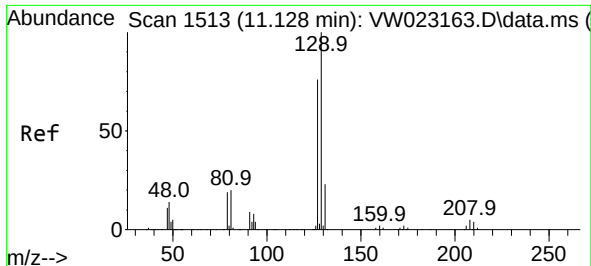
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#48
2-Hexanone
Concen: 27.933 ug/L m
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Tgt Ion: 43 Resp: 49457
Ion Ratio Lower Upper
43 100
58 0.0 45.9 68.9#
57 4.6 16.2 24.2#
100 0.0 10.7 16.1#





#49

Dibromochloromethane

Concen: 11.444 ug/L

RT: 11.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSD

Tgt Ion:129 Resp: 4841

Ion Ratio Lower Upper

129 100

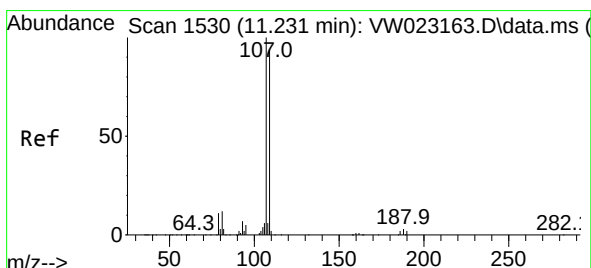
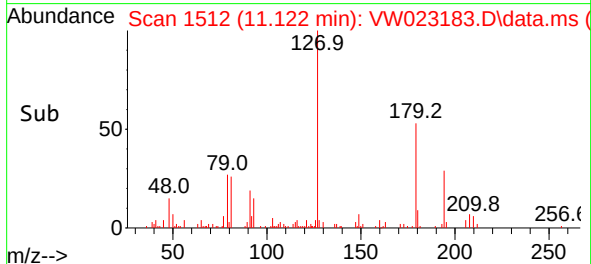
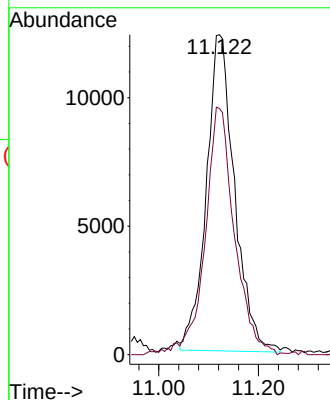
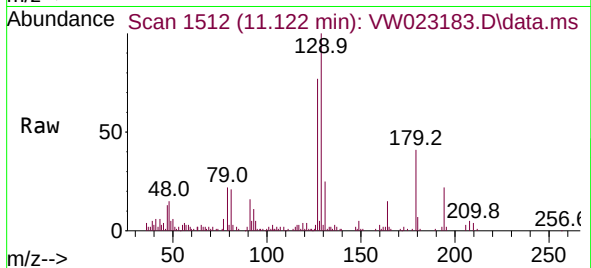
127 76.9 53.8 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#50

1,2-Dibromoethane

Concen: 16.020 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

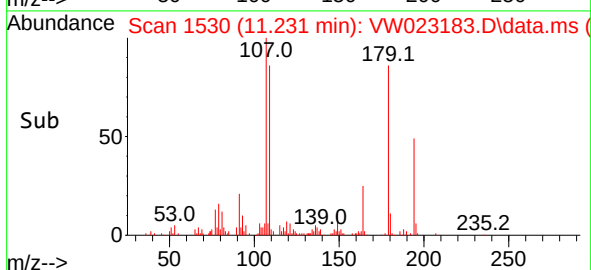
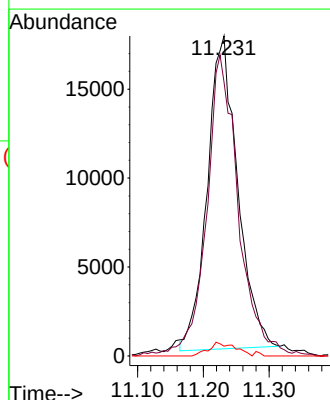
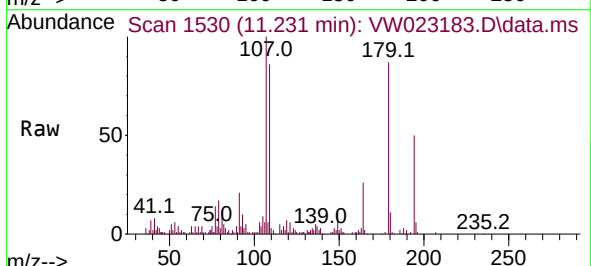
Tgt Ion:107 Resp: 56537

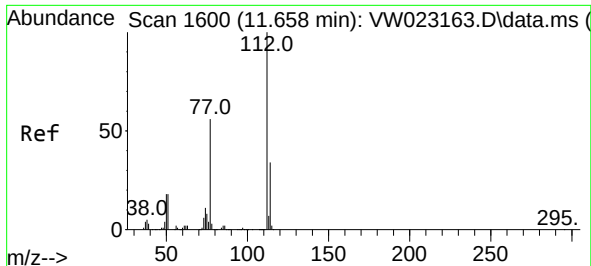
Ion Ratio Lower Upper

107 100

109 85.5 67.5 125.4

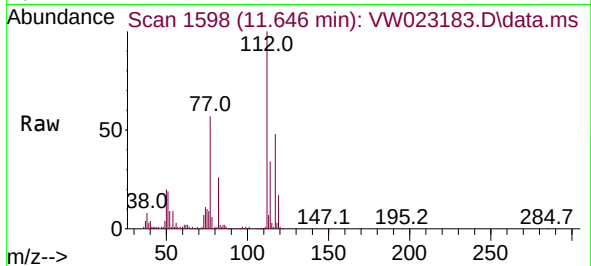
188 3.0 2.9 4.3





#51
Chlorobenzene
Concen: 20.101 ug/L
RT: 11.646 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

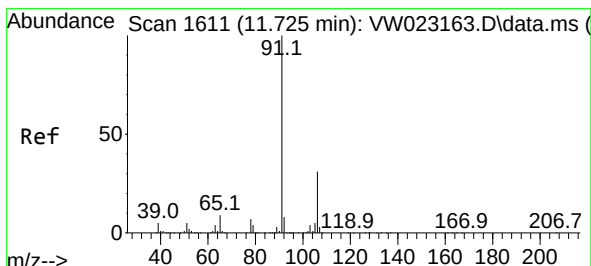
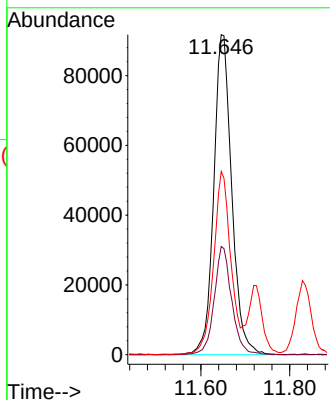
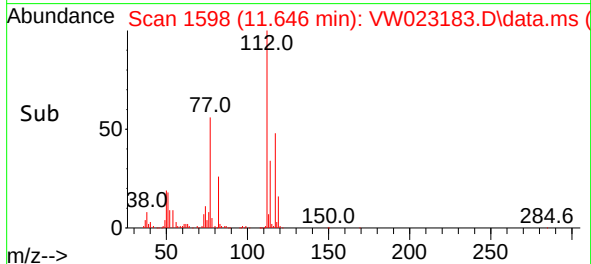
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion:112 Resp: 258014
Ion Ratio Lower Upper
112 100
114 33.8 22.0 41.0
77 57.2 42.6 63.8

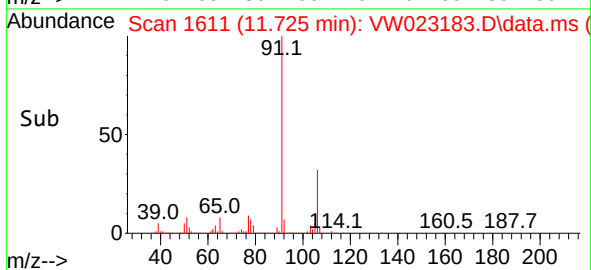
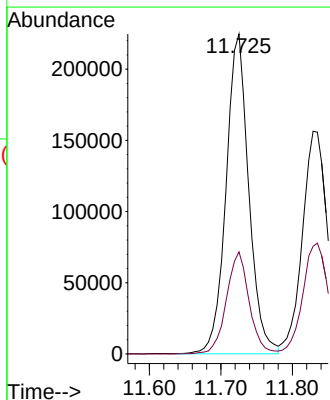
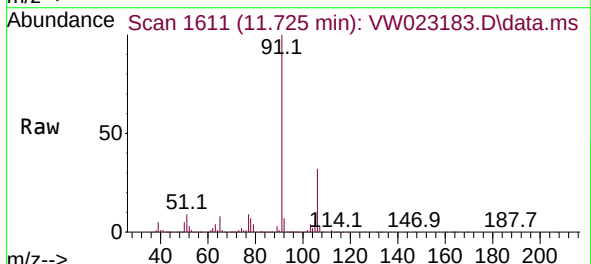
Manual Integrations
APPROVED

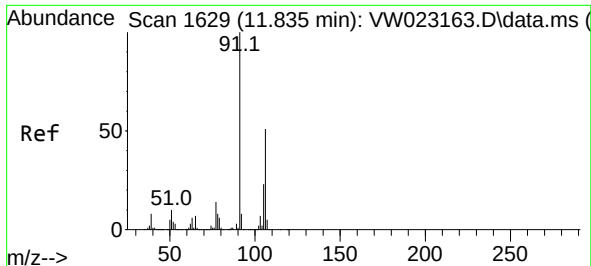
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
Ethylbenzene
Concen: 22.928 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

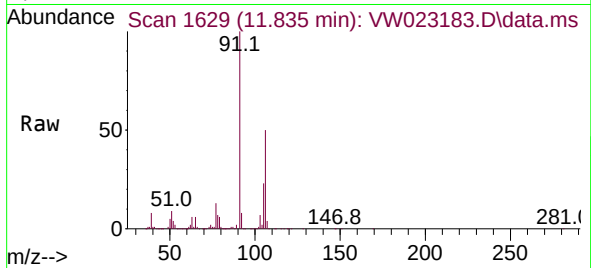
Tgt Ion: 91 Resp: 496635
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3





#53
m,p-Xylene
Concen: 22.821 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

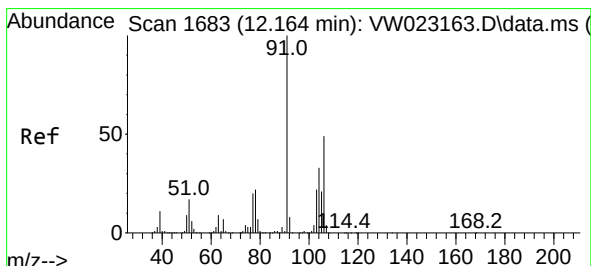
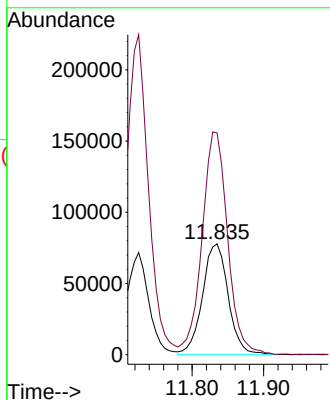
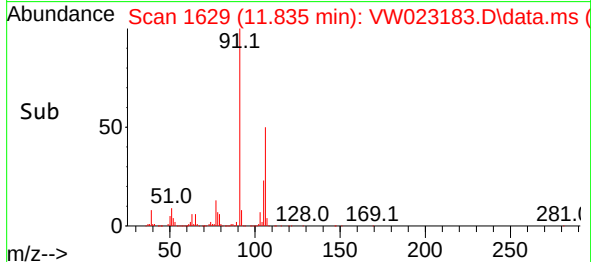
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion:106 Resp: 194774
Ion Ratio Lower Upper
106 100
91 200.0 136.8 254.0

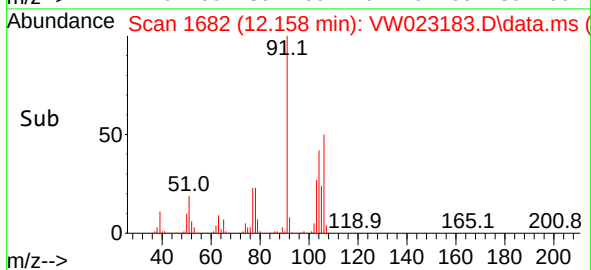
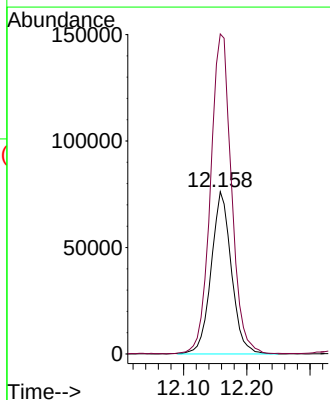
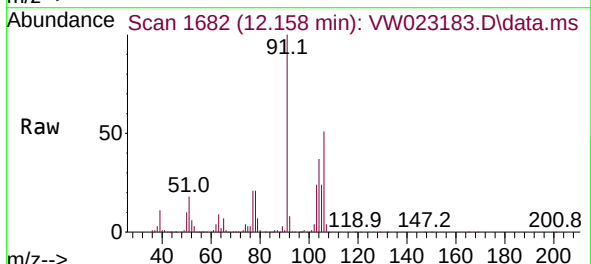
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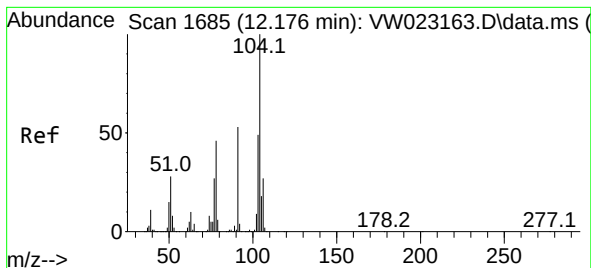
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#54
o-Xylene
Concen: 20.650 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Tgt Ion:106 Resp: 169130
Ion Ratio Lower Upper
106 100
91 197.3 147.2 273.4





#55

Styrene

Concen: 17.178 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSD

Tgt Ion:104 Resp: 23906

Ion Ratio Lower Upper

104 100

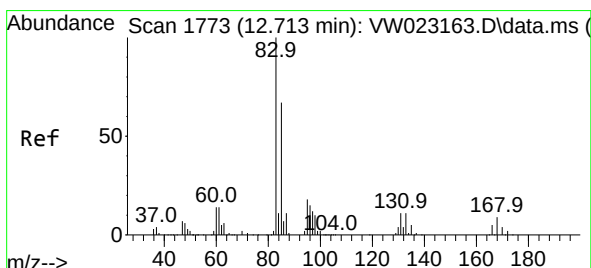
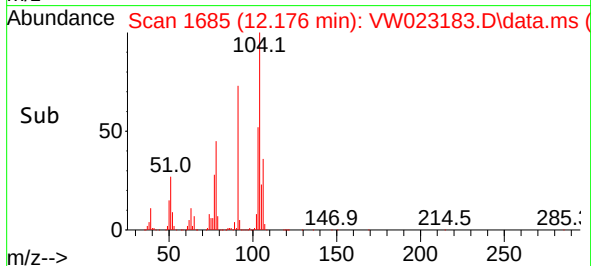
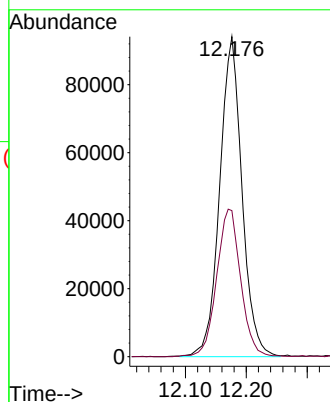
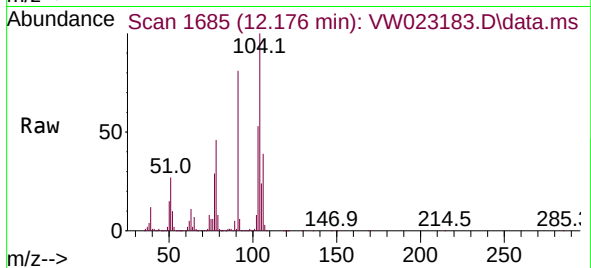
78 45.7 32.3 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 8.404 ug/L

RT: 12.719 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

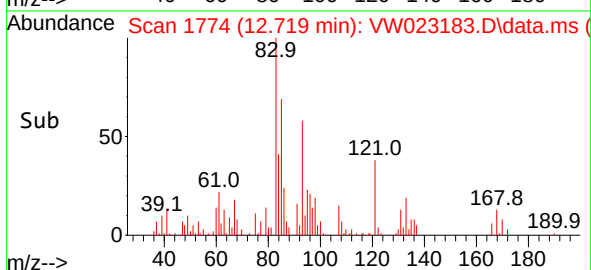
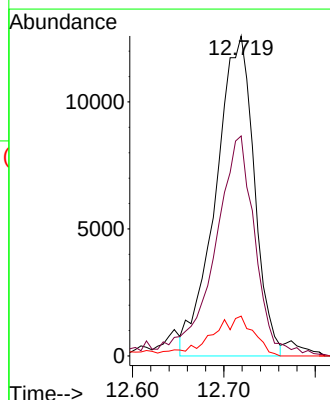
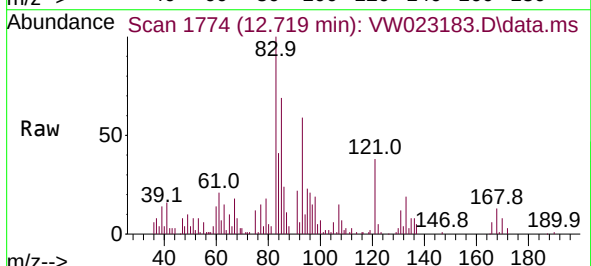
Tgt Ion: 83 Resp: 36892

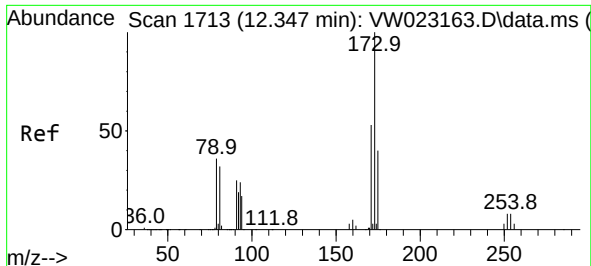
Ion Ratio Lower Upper

83 100

85 68.7 47.5 88.1

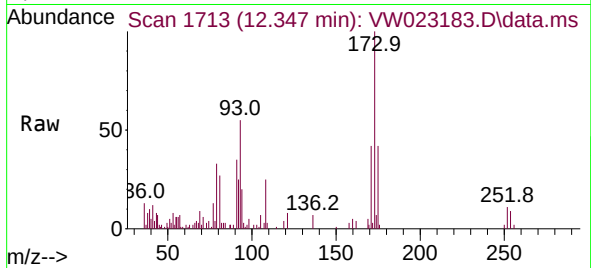
131 12.5 8.7 13.1





#59
Bromoform
Concen: 11.969 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

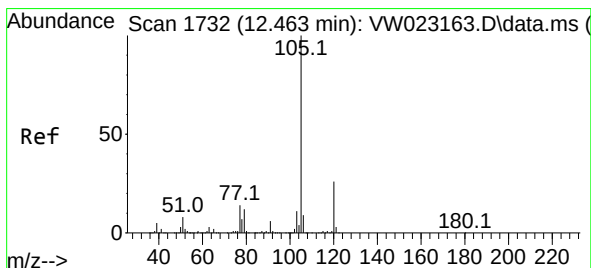
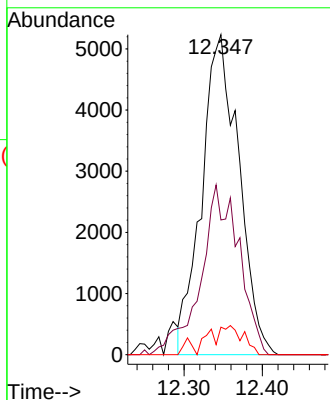
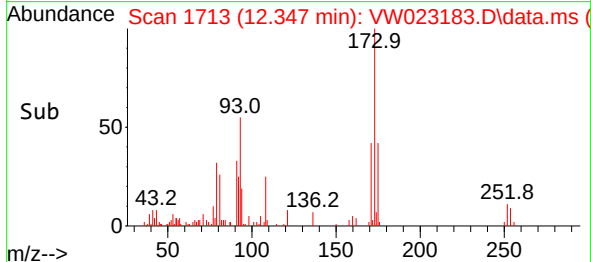
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



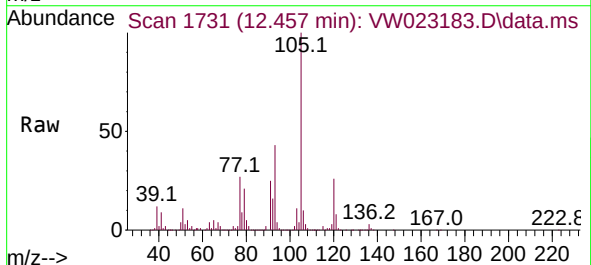
Tgt Ion:173 Resp: 1722
Ion Ratio Lower Upper
173 100
175 30.5 38.1 57.1
254 1.1 6.5 9.7

Manual Integrations
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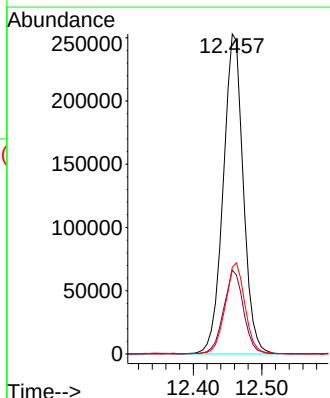
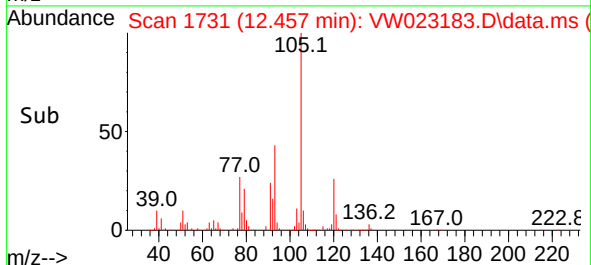
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

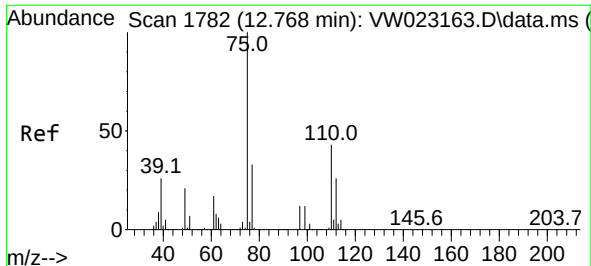


#60
Isopropylbenzene
Concen: 36.899 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21



Tgt Ion:105 Resp: 513204
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 28.1 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 18.039 ug/L

RT: 12.774 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSD

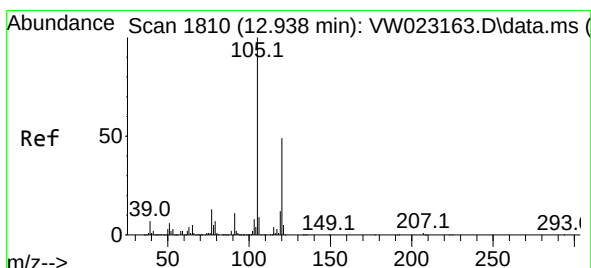
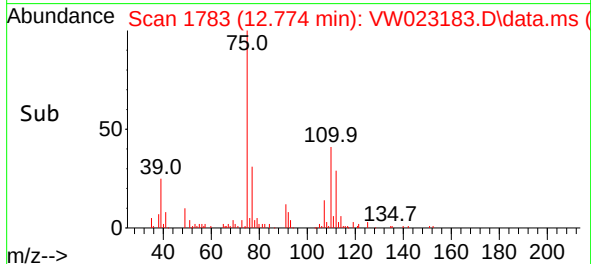
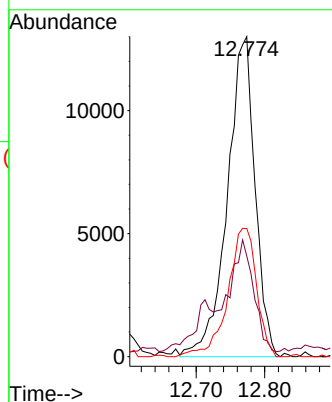
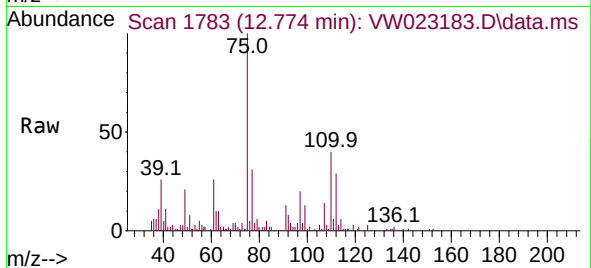
Tgt Ion: 75	Resp: 36594
Ion Ratio	Lower Upper
75 100	
77 30.5	26.2 39.2
110 41.7	34.1 51.1

Manual Integrations

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Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#62

1,3,5-Trimethylbenzene

Concen: 29.642 ug/L

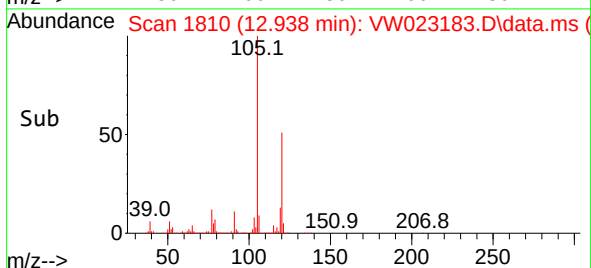
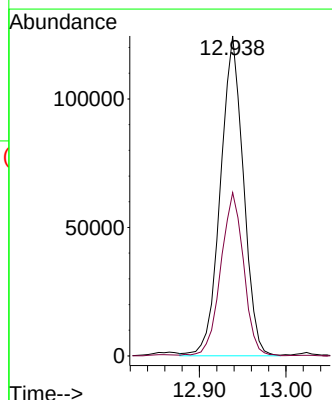
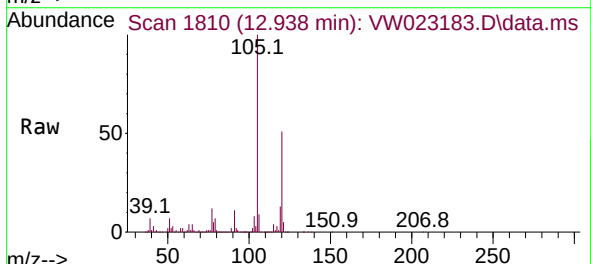
RT: 12.938 min Scan# 1810

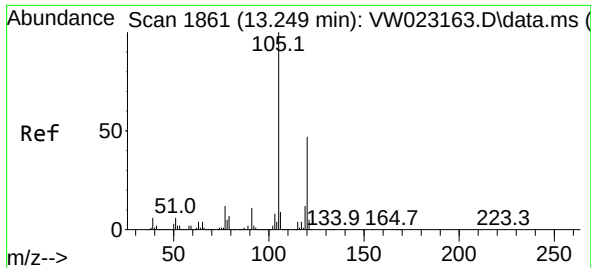
Delta R.T. 0.000 min

Lab File: VW023183.D

Acq: 19 May 2022 19:21

Tgt Ion:105	Resp: 229366
Ion Ratio	Lower Upper
105 100	
120 50.6	38.9 58.3





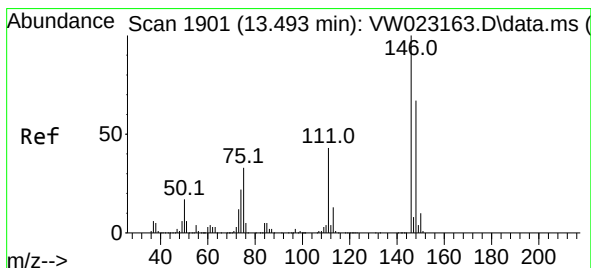
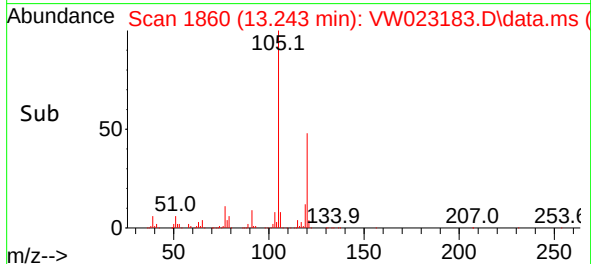
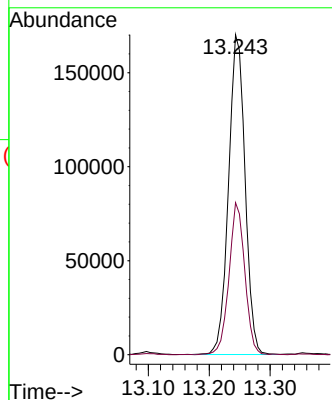
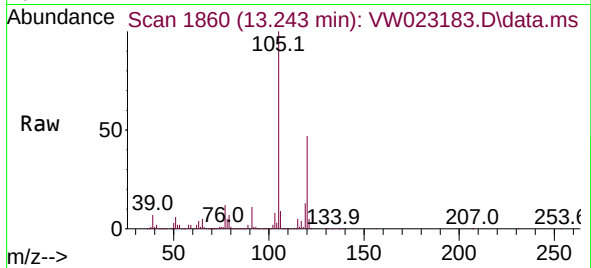
#63
1,2,4-Trimethylbenzene
Concen: 27.595 ug/L
RT: 13.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Tgt Ion:105 Resp: 32061
Ion Ratio Lower Upper
105 100
120 45.4 37.4 56.2

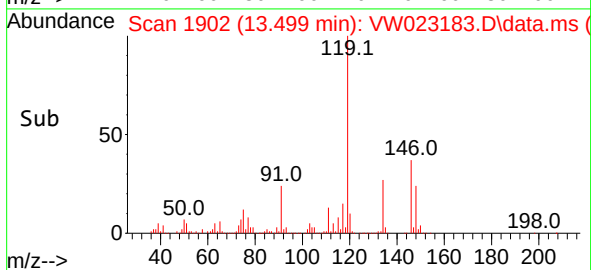
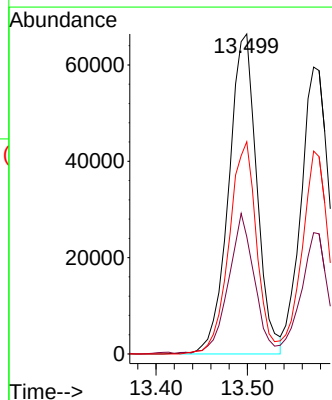
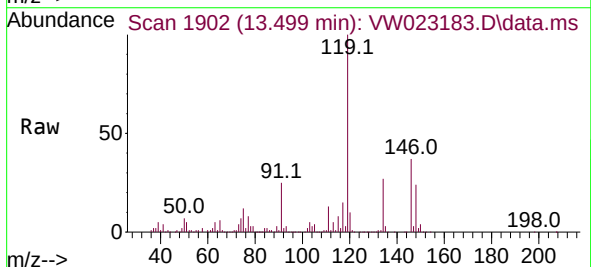
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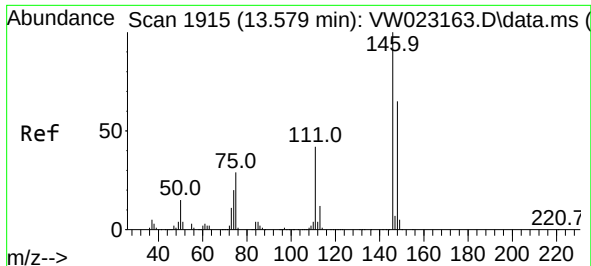
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#64
1,3-Dichlorobenzene
Concen: 22.896 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

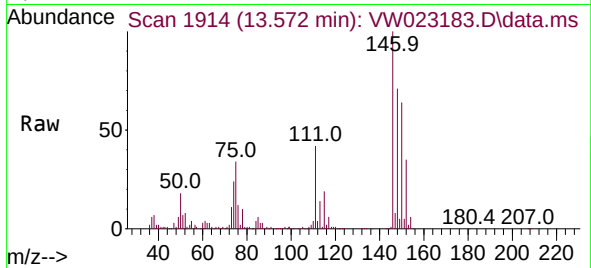
Tgt Ion:146 Resp: 142179
Ion Ratio Lower Upper
146 100
111 36.7 29.5 54.9
148 66.3 48.6 90.2





#65
1,4-Dichlorobenzene
Concen: 19.684 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

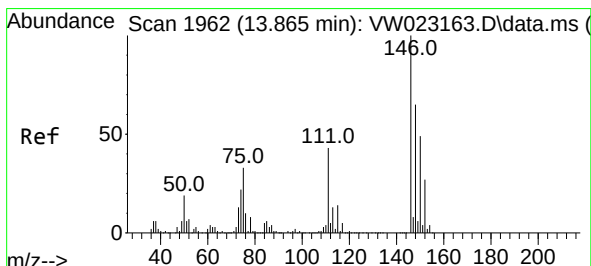
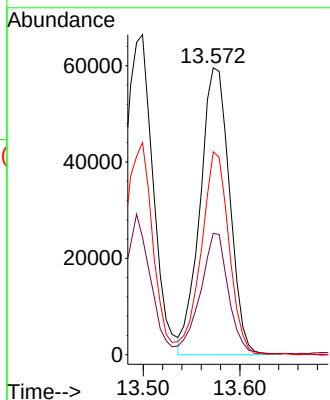
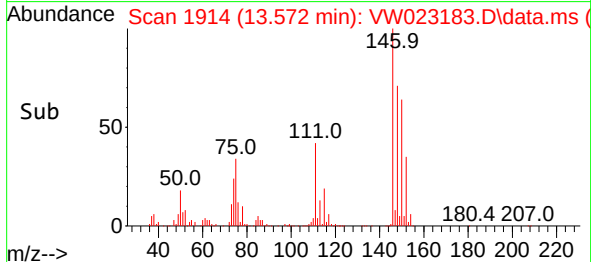
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD



Tgt Ion:146 Resp: 12625
Ion Ratio Lower Upper
146 100
111 42.3 27.2 50.4
148 70.7 44.0 81.6

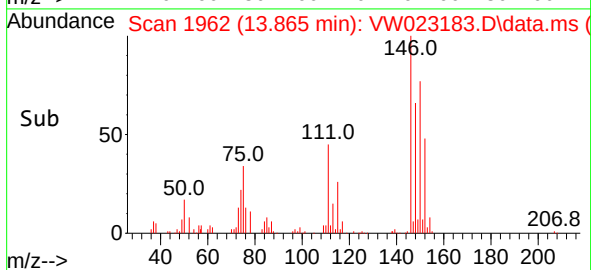
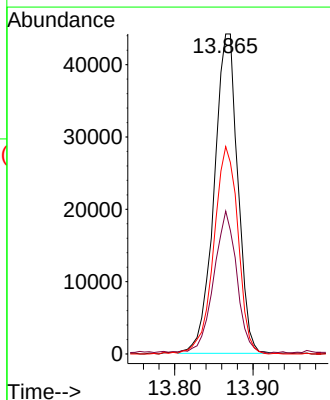
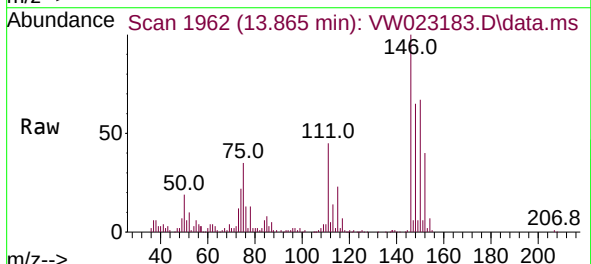
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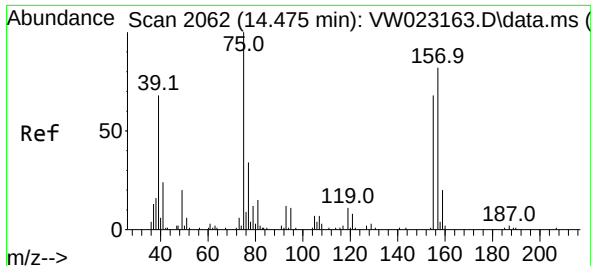
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#67
1,2-Dichlorobenzene
Concen: 16.332 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Tgt Ion:146 Resp: 92804
Ion Ratio Lower Upper
146 100
111 44.7 35.7 53.5
148 64.8 52.6 79.0





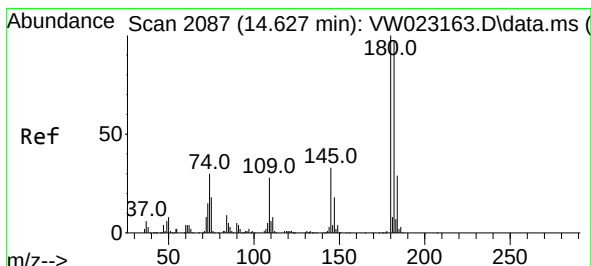
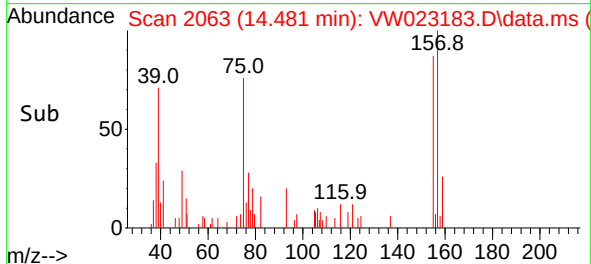
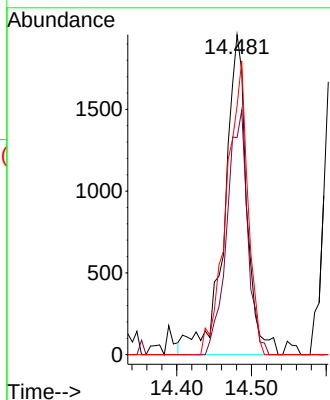
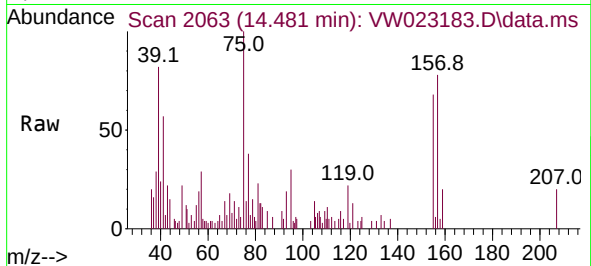
#68
1,2-Dibromo-3-chloropropane
Concen: 9.131 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Tgt Ion: 75 Resp: 4048
Ion Ratio Lower Upper
75 100
155 67.9 59.3 88.9
157 77.8 89.8 134.8

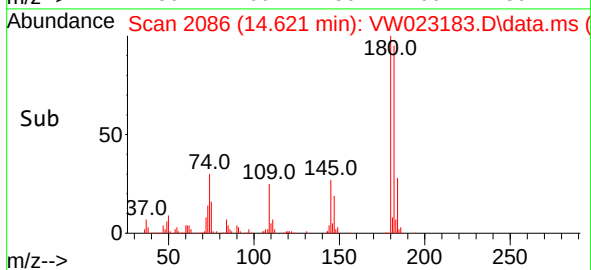
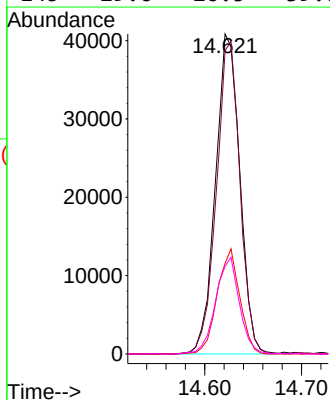
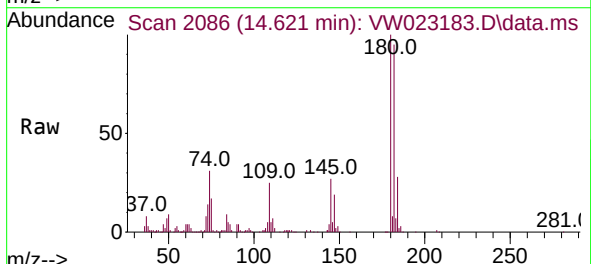
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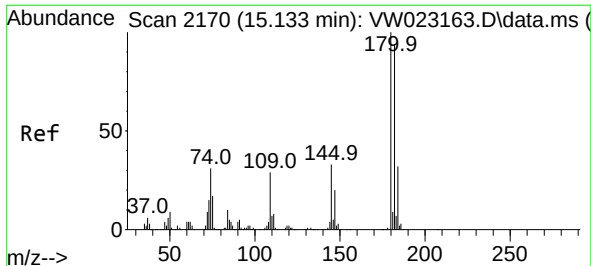
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#69
1,3,5-Trichlorobenzene
Concen: 17.281 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Tgt Ion:180 Resp: 71231
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
184 30.6 23.4 35.2
145 29.6 26.5 39.7





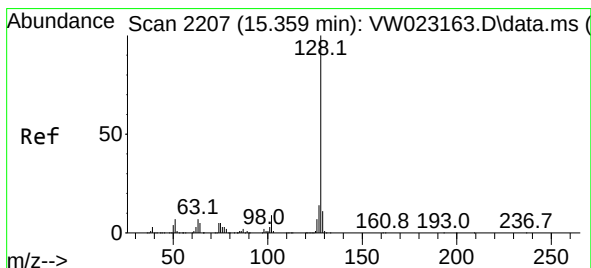
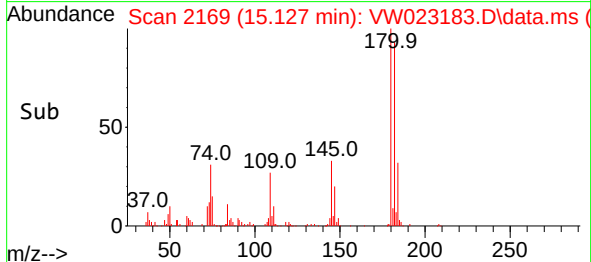
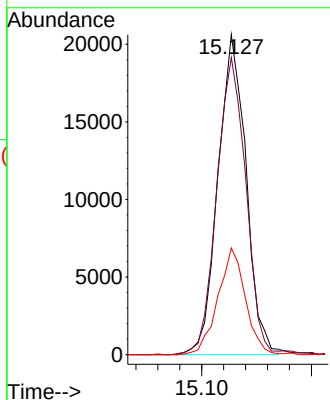
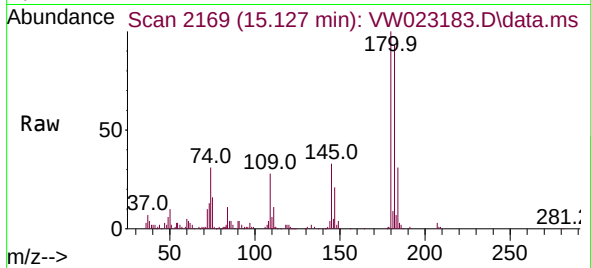
#70
1,2,4-trichlorobenzene
Concen: 11.075 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Tgt Ion:180 Resp: 3672
Ion Ratio Lower Upper
180 100
182 95.7 74.9 112.3
145 32.5 26.6 39.8

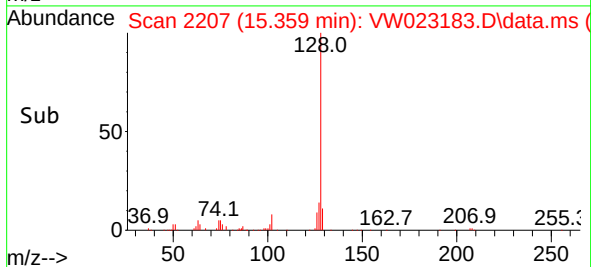
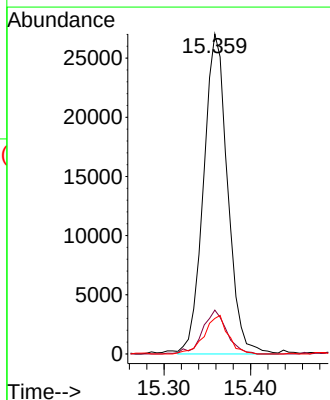
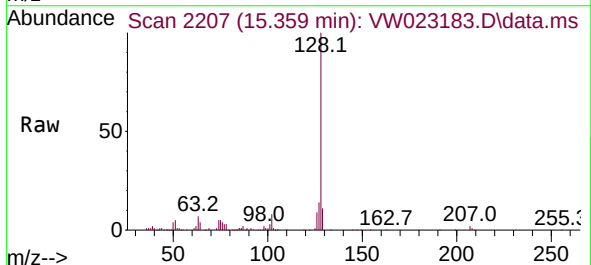
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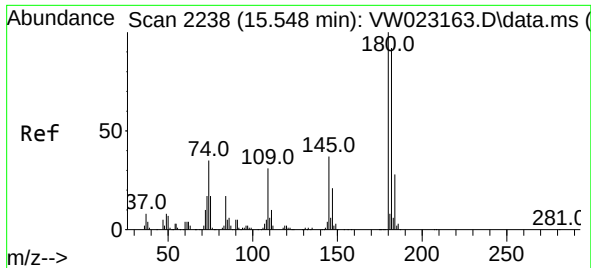
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#71
Naphthalene
Concen: 7.245 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023183.D
Acq: 19 May 2022 19:21

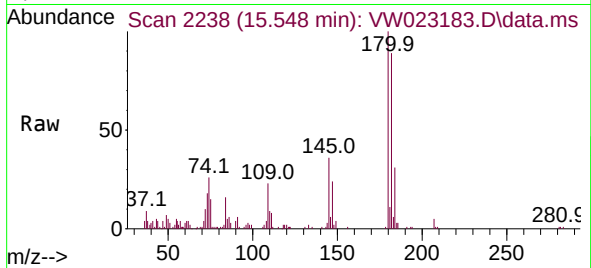
Tgt Ion:128 Resp: 52215
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 7.728 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW023183.D
 Acq: 19 May 2022 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD



Tgt Ion:180	Resp:	2271
Ion Ratio	Lower	Upper
180	100	
182	94.7	73.5 110.3
145	34.4	27.9 41.9

Manual Integrations
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Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

