

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054277.D
 Acq On : 26 May 2023 11:53
 Operator : JC/MD
 Sample : VU0526WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

Quant Time: May 29 23:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	223166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	350323	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	339473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	187656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	149606	51.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.280%			
35) Dibromofluoromethane	5.282	113	119324	52.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	7.893	98	454223	52.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.860%			
62) 4-Bromofluorobenzene	10.626	95	169818	51.038	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47991	19.263	ug/l	95
3) Chloromethane	1.520	50	60903	18.670	ug/l	98
4) Vinyl Chloride	1.604	62	58317	18.737	ug/l	99
5) Bromomethane	1.858	94	34728	20.157	ug/l	99
6) Chloroethane	1.932	64	29778	19.839	ug/l	98
7) Trichlorofluoromethane	2.134	101	79157	18.486	ug/l	99
8) Diethyl Ether	2.375	74	29448	18.577	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	44268	19.095	ug/l	98
10) Methyl Iodide	2.719	142	45673	18.011	ug/l	95
11) Tert butyl alcohol	3.243	59	71578m	90.578	ug/l	
12) 1,1-Dichloroethene	2.578	96	42821	17.839	ug/l	93
13) Acrolein	2.485	56	74906	91.117	ug/l	97
14) Allyl chloride	2.922	41	75836	18.220	ug/l	88
15) Acrylonitrile	3.311	53	168481	95.092	ug/l	98
16) Acetone	2.636	43	142458	84.953	ug/l	99
17) Carbon Disulfide	2.790	76	120472	16.982	ug/l	99
18) Methyl Acetate	2.948	43	113366	18.515	ug/l	95
19) Methyl tert-butyl Ether	3.359	73	142564	18.143	ug/l	99
20) Methylene Chloride	3.044	84	54382	17.976	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	47419	18.451	ug/l	96
22) Diisopropyl ether	3.986	45	142467	19.312	ug/l #	83
23) Vinyl Acetate	3.951	43	518498	96.323	ug/l	98
24) 1,1-Dichloroethane	3.864	63	88817	18.803	ug/l	99
25) 2-Butanone	4.703	43	206517	93.016	ug/l	99
26) 2,2-Dichloropropane	4.658	77	73581	17.825	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	53941	18.868	ug/l	96
28) Bromochloromethane	4.967	49	46347	21.203	ug/l	86
29) Tetrahydrofuran	5.050	42	132688	95.077	ug/l	92
30) Chloroform	5.083	83	89073	18.550	ug/l	97
31) Cyclohexane	5.382	56	78221	18.936	ug/l	96
32) 1,1,1-Trichloroethane	5.311	97	75716	18.163	ug/l	99
36) 1,1-Dichloropropene	5.520	75	63298	17.864	ug/l	98
37) Ethyl Acetate	4.800	43	76397	17.691	ug/l #	92
38) Carbon Tetrachloride	5.520	117	67291	18.554	ug/l	95
39) Methylcyclohexane	6.758	83	74909	18.664	ug/l	91
40) Benzene	5.767	78	194469	19.240	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	38283	19.181	ug/l	94
42) 1,2-Dichloroethane	5.790	62	70813	19.286	ug/l	98
43) Isopropyl Acetate	5.906	43	110036	18.473	ug/l	98
44) Trichloroethene	6.539	130	52326	18.520	ug/l	96
45) 1,2-Dichloropropane	6.783	63	50927	19.315	ug/l	97
46) Dibromomethane	6.912	93	36631	18.874	ug/l	94
47) Bromodichloromethane	7.099	83	67692	18.650	ug/l	100
48) Methyl methacrylate	6.957	41	50330	19.053	ug/l	93
49) 1,4-Dioxane	6.999	88	27962m	366.661	ug/l	
51) 4-Methyl-2-Pentanone	7.787	43	376712	94.768	ug/l	99
52) Toluene	7.963	92	121997	18.930	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	77645	18.698	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	80812	18.647	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	50647	18.963	ug/l	98
56) Ethyl methacrylate	8.330	69	73689	18.535	ug/l	98
57) 1,3-Dichloropropane	8.568	76	87989	19.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	13280	52.099	ug/l	100
59) 2-Hexanone	8.681	43	292796	93.243	ug/l	99
60) Dibromochloromethane	8.803	129	50648	18.665	ug/l	100
61) 1,2-Dibromoethane	8.918	107	55257	19.010	ug/l	98
64) Tetrachloroethene	8.549	164	49442	19.351	ug/l	96
65) Chlorobenzene	9.443	112	131393	18.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	49733	19.317	ug/l	95
67) Ethyl Benzene	9.565	91	226900	18.701	ug/l	97
68) m/p-Xylenes	9.687	106	177919	38.686	ug/l	96
69) o-Xylene	10.095	106	83596	18.777	ug/l	92
70) Styrene	10.111	104	141494	19.165	ug/l	98
71) Bromoform	10.285	173	41070	18.357	ug/l #	100
73) Isopropylbenzene	10.478	105	221980	19.100	ug/l	97
74) N-amyl acetate	10.314	43	93141	18.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	89653	19.065	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	99336	18.137	ug/l	99
77) Bromobenzene	10.777	156	60412	18.929	ug/l	93
78) n-propylbenzene	10.899	91	272786	19.161	ug/l	98
79) 2-Chlorotoluene	10.979	91	163808	19.005	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	191431	19.369	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	25997	18.075	ug/l	95
82) 4-Chlorotoluene	11.092	91	191965	18.982	ug/l	96
83) tert-Butylbenzene	11.414	119	184097	18.627	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	186063	18.923	ug/l	98
85) sec-Butylbenzene	11.639	105	237731	18.957	ug/l	99
86) p-Isopropyltoluene	11.787	119	196042	18.586	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	112789	18.252	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	116420	18.034	ug/l	98
89) n-Butylbenzene	12.204	91	177430	17.871	ug/l	97
90) Hexachloroethane	12.468	117	33911	18.173	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	113543	18.678	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	20692	19.294	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	77409	18.988	ug/l	99
94) Hexachlorobutadiene	14.015	225	35336	18.195	ug/l	99
95) Naphthalene	14.082	128	239035	18.527	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	78580	19.168	ug/l	98

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ClientSampleId :
VU0526WBSD01

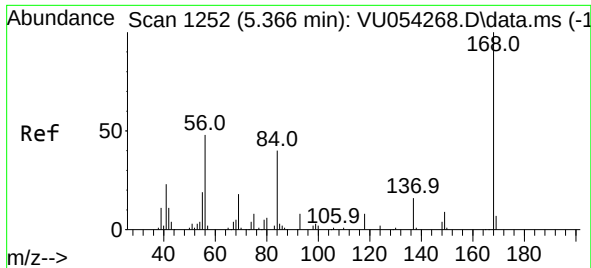
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/31/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



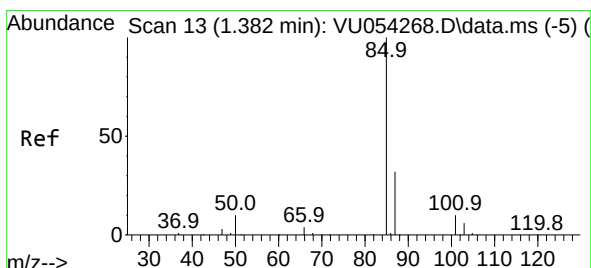
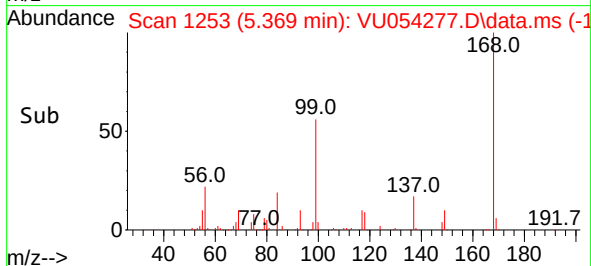
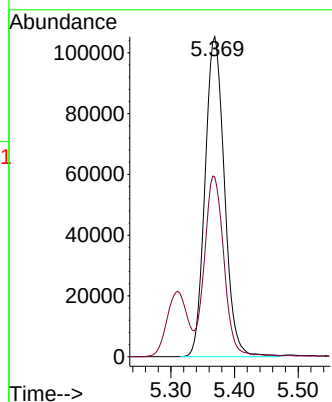
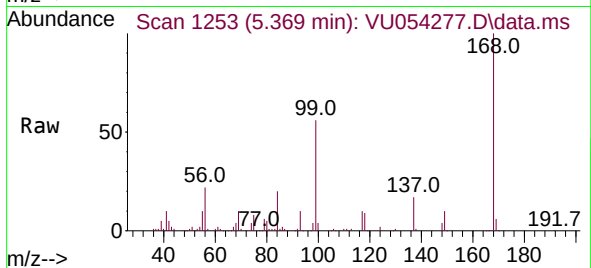
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054277.D
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Instrument :
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ClientSampleId :
VU0526WBSD01

Tgt Ion:168 Resp: 223160
Ion Ratio Lower Upper
168 100
99 55.8 39.3 58.9

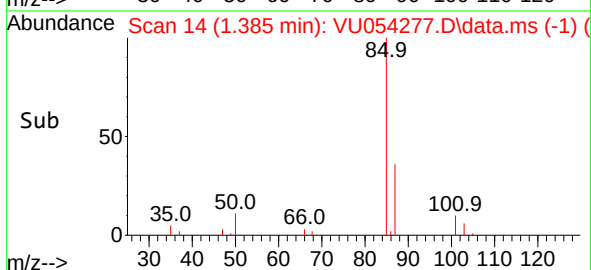
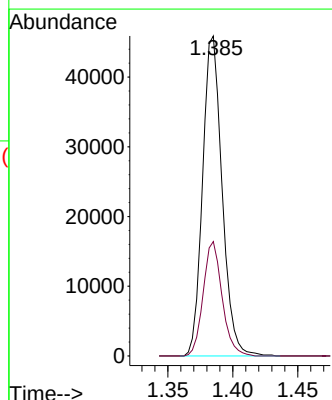
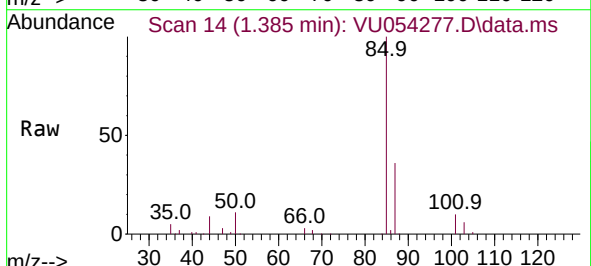
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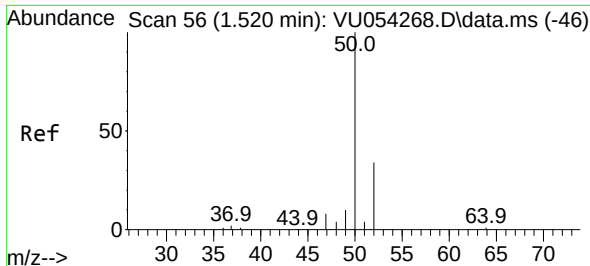
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#2
Dichlorodifluoromethane
Concen: 19.263 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

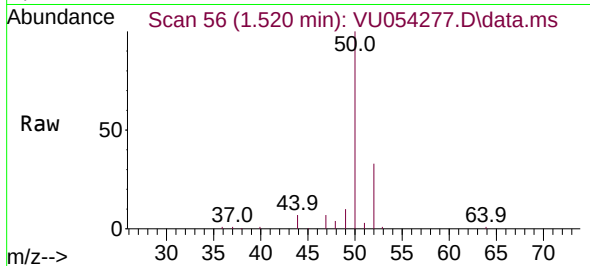
Tgt Ion: 85 Resp: 47991
Ion Ratio Lower Upper
85 100
87 35.8 16.4 49.2





#3
Chloromethane
Concen: 18.670 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

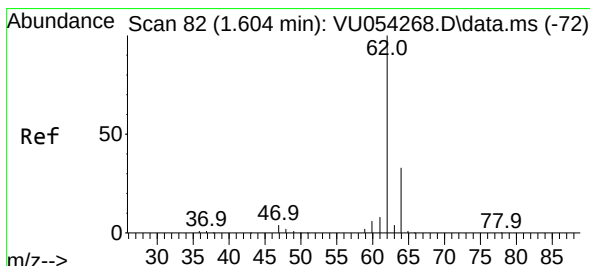
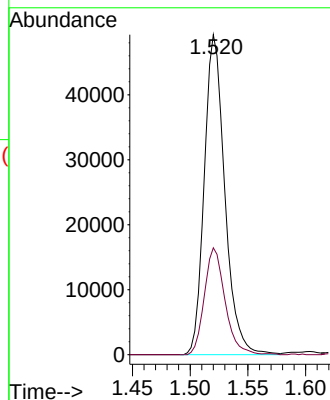
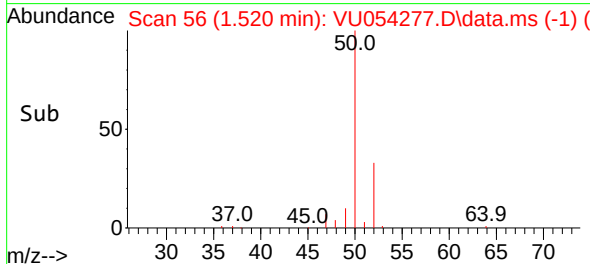
Instrument :
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VU0526WBSD01



Tgt Ion: 50 Resp: 6090
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2

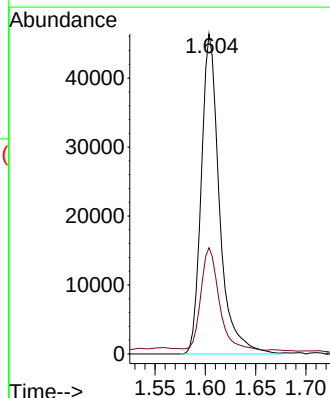
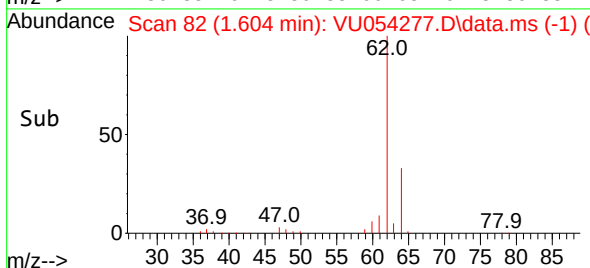
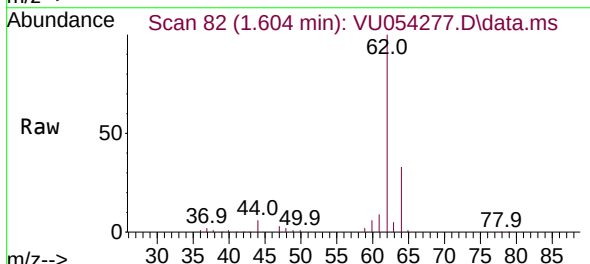
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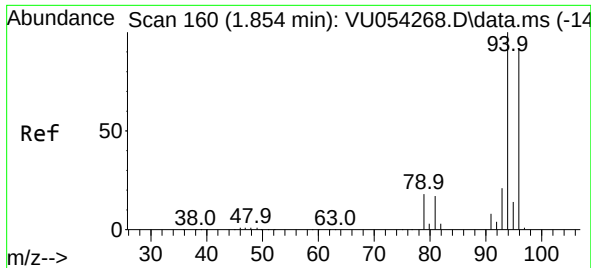
Reviewed By :John Carlone 05/30/2023
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#4
Vinyl Chloride
Concen: 18.737 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054277.D
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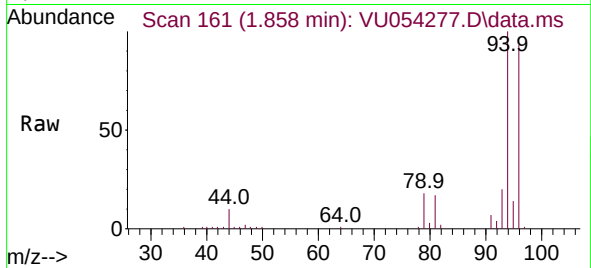
Tgt Ion: 62 Resp: 58317
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9





#5
Bromomethane
Concen: 20.157 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

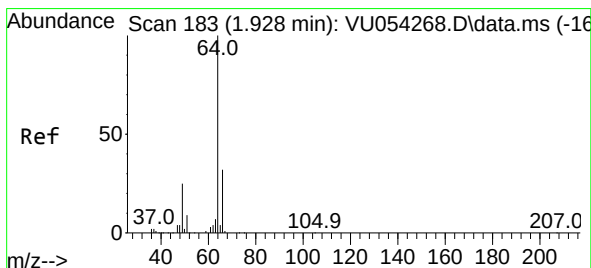
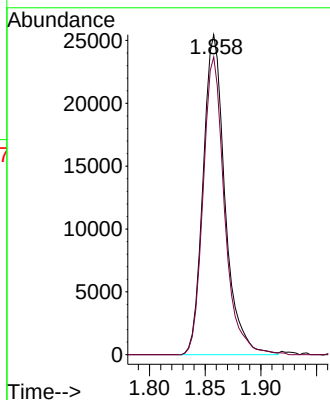
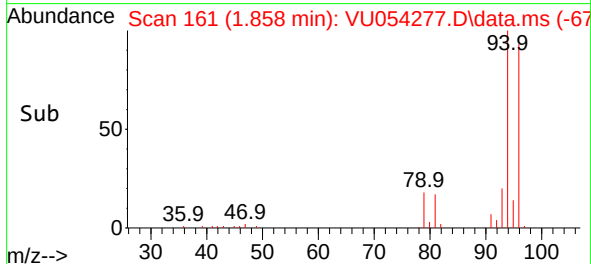
Instrument :
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Tgt Ion: 94 Resp: 34728
Ion Ratio Lower Upper
94 100
96 93.1 73.7 110.5

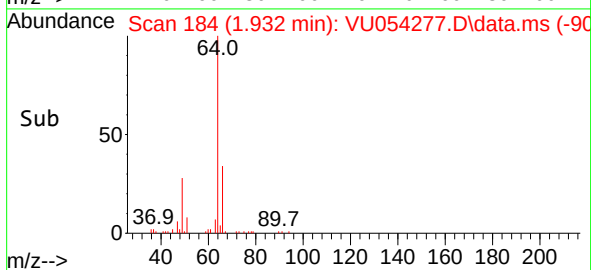
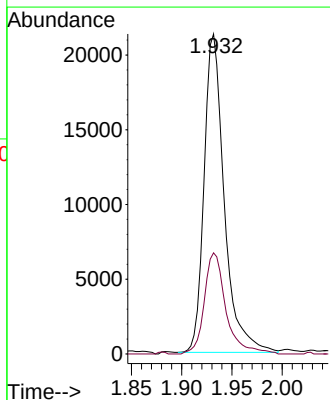
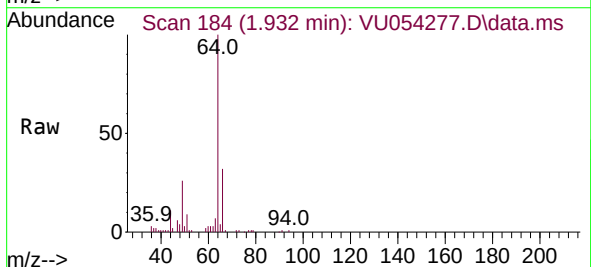
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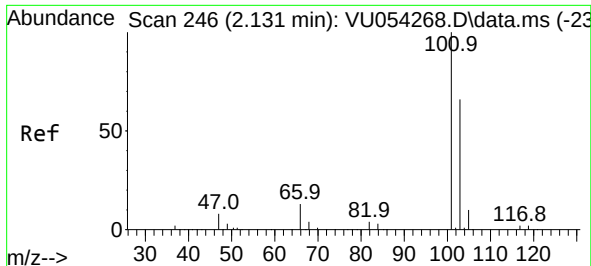
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#6
Chloroethane
Concen: 19.839 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 64 Resp: 29778
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1





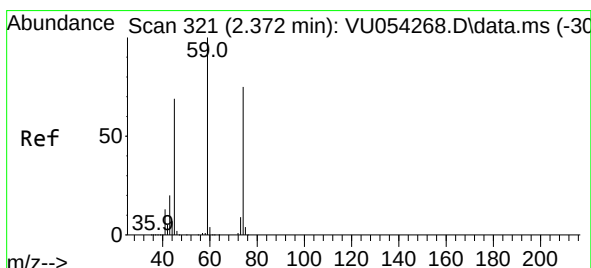
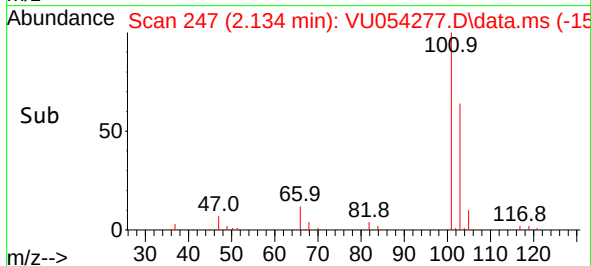
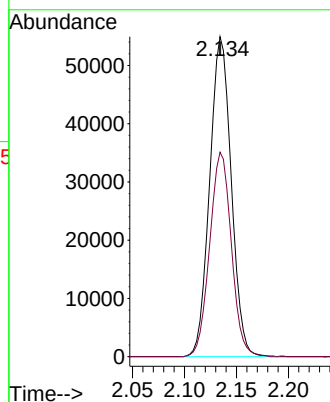
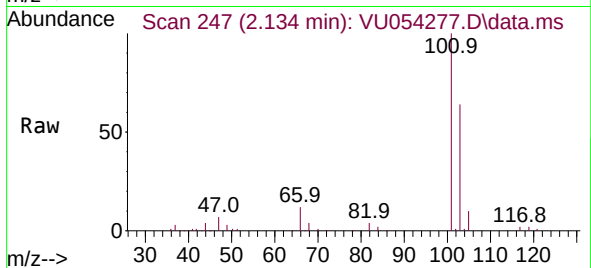
#7
Trichlorofluoromethane
Concen: 18.486 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion:101 Resp: 7915
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

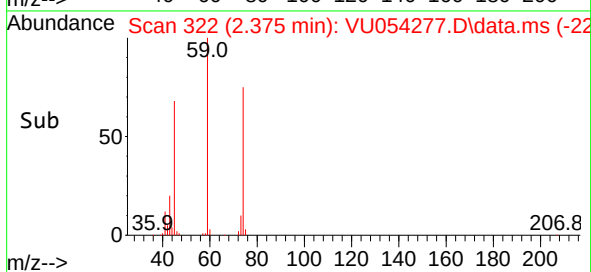
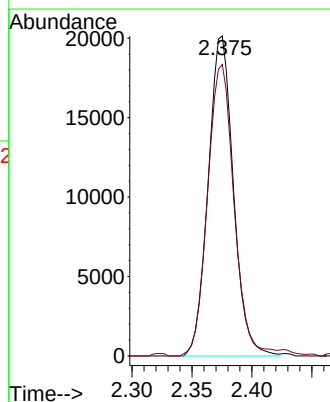
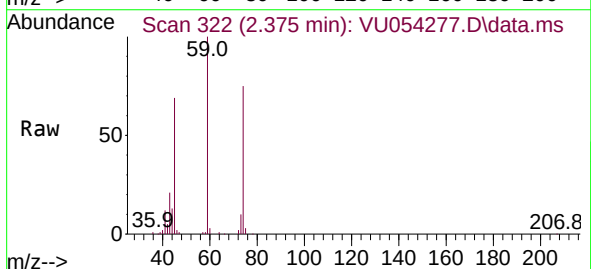
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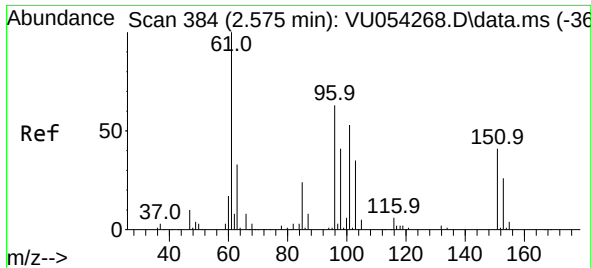
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#8
Diethyl Ether
Concen: 18.577 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 74 Resp: 29448
Ion Ratio Lower Upper
74 100
45 95.3 44.4 133.2





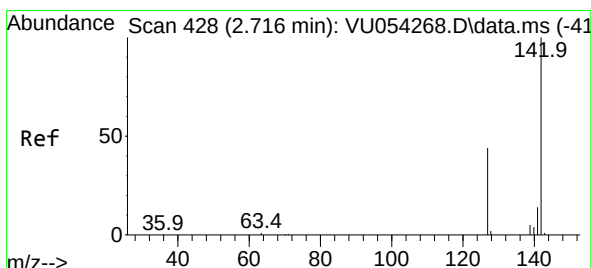
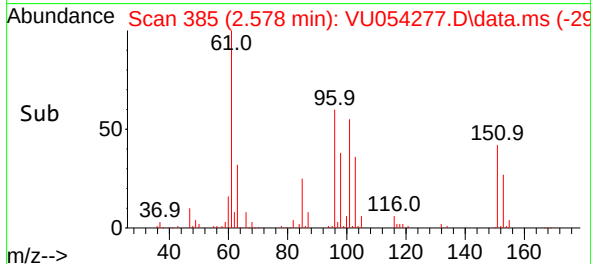
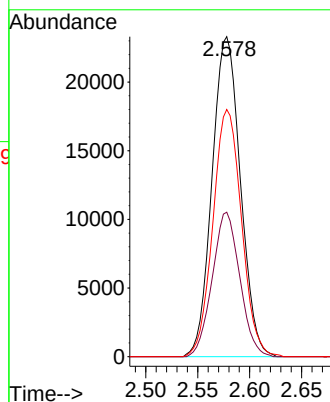
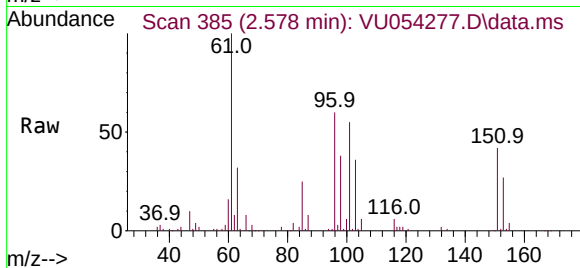
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.095 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

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ClientSampleId :
VU0526WBSD01

Tgt Ion:101 Resp: 44268
Ion Ratio Lower Upper
101 100
85 43.8 33.9 50.9
151 77.8 64.0 96.0

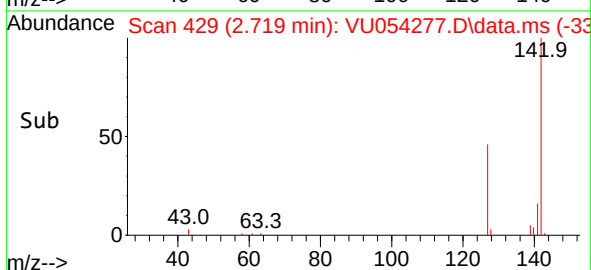
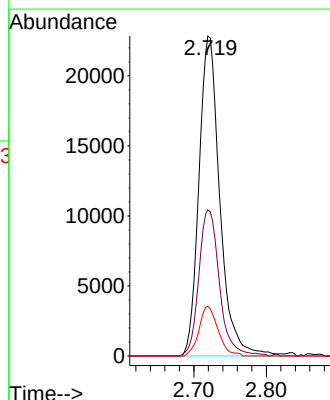
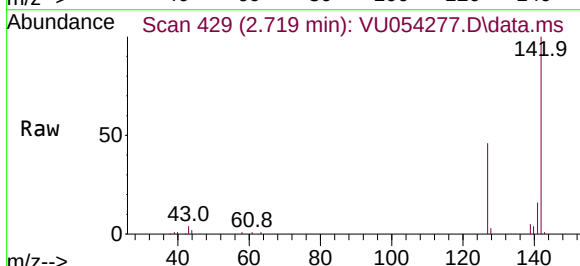
Manual Integrations
APPROVED

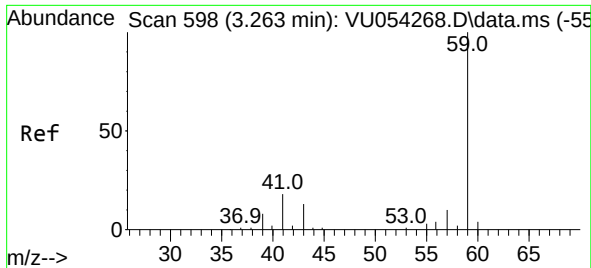
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#10
Methyl Iodide
Concen: 18.011 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

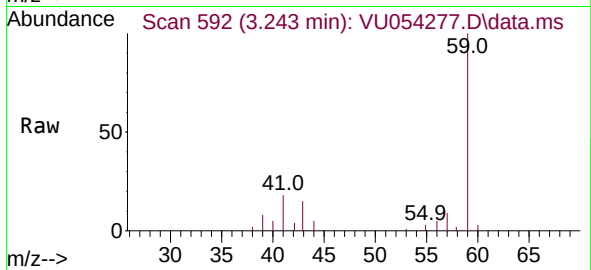
Tgt Ion:142 Resp: 45673
Ion Ratio Lower Upper
142 100
127 45.0 32.5 48.7
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.578 ug/l m
RT: 3.243 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

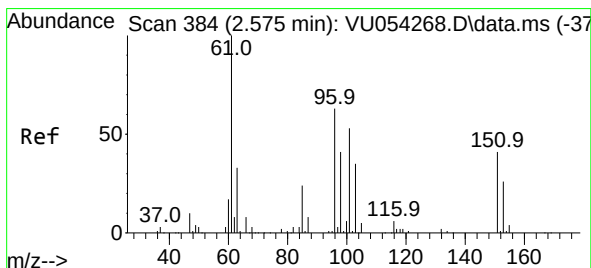
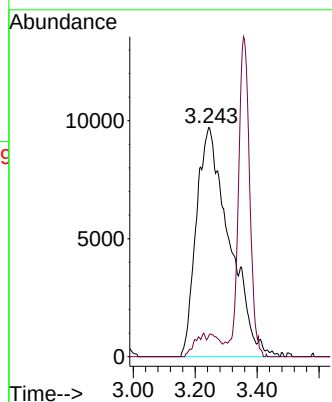
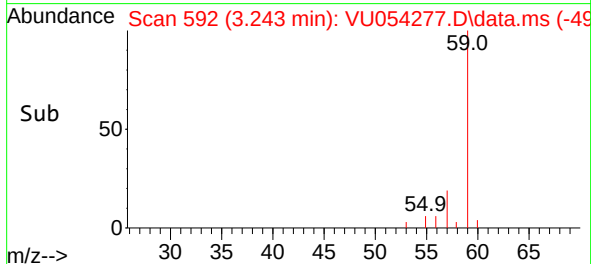
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 59 Resp: 71578
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8

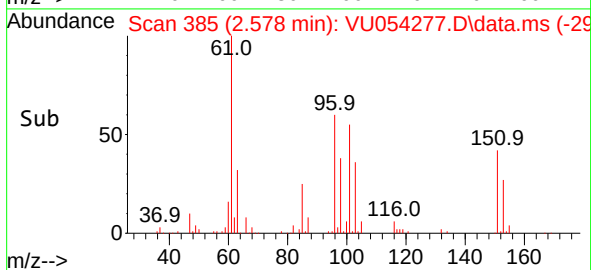
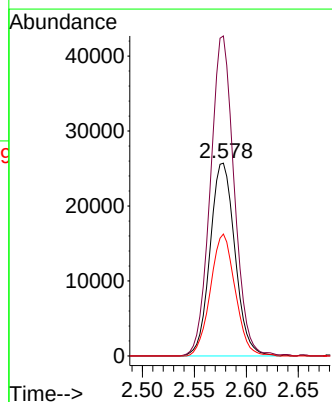
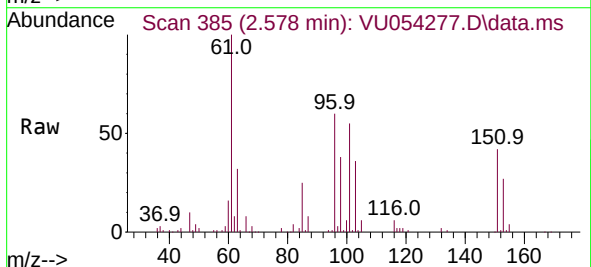
Manual Integrations
APPROVED

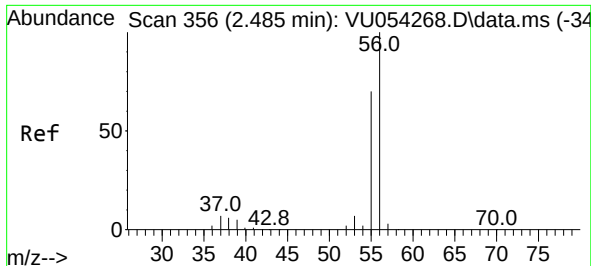
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#12
1,1-Dichloroethene
Concen: 17.839 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

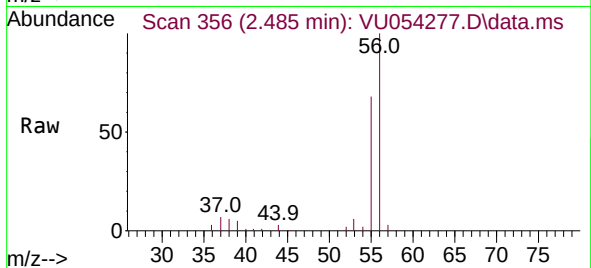
Tgt Ion: 96 Resp: 42821
Ion Ratio Lower Upper
96 100
61 166.0 122.2 183.2
98 63.2 50.7 76.1





#13
Acrolein
Concen: 91.117 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

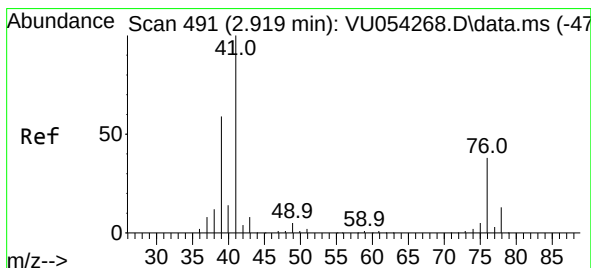
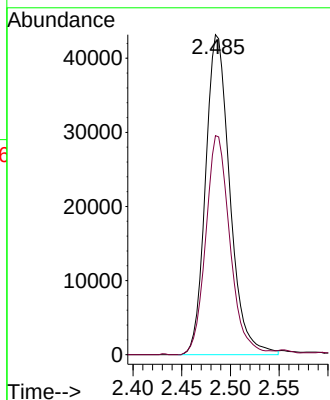
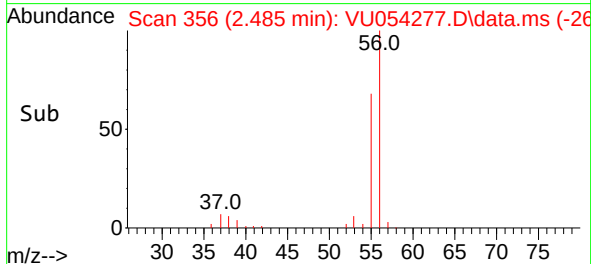
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



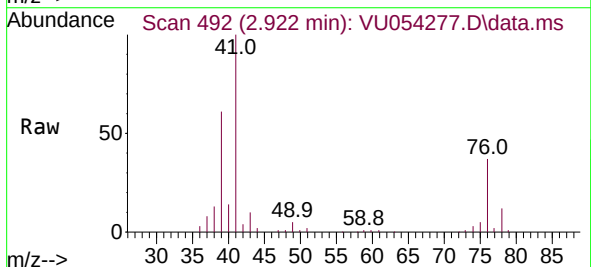
Tgt Ion: 56 Resp: 74900
Ion Ratio Lower Upper
56 100
55 68.5 56.6 85.0

Manual Integrations
APPROVED

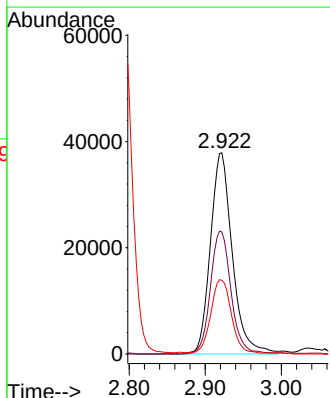
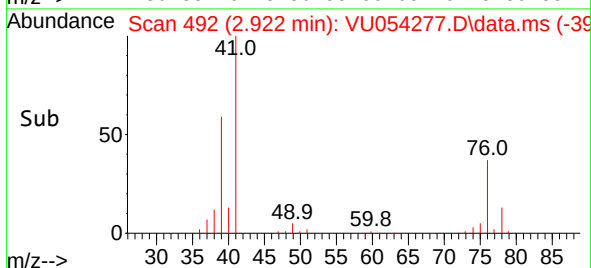
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

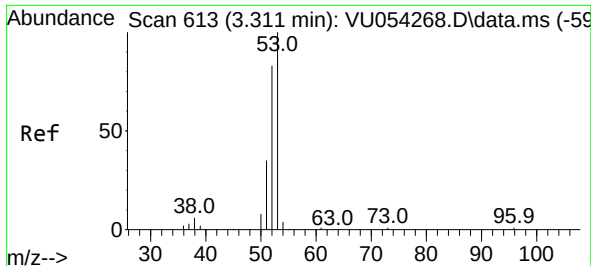


#14
Allyl chloride
Concen: 18.220 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



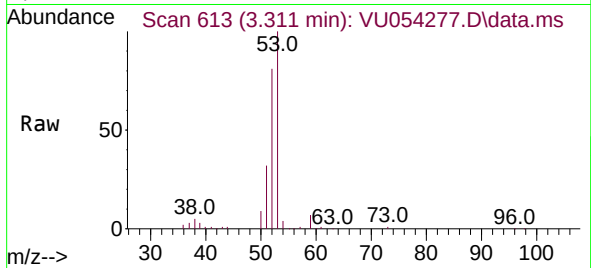
Tgt Ion: 41 Resp: 75836
Ion Ratio Lower Upper
41 100
39 57.3 53.4 80.2
76 33.8 33.8 50.6





#15
Acrylonitrile
Concen: 95.092 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

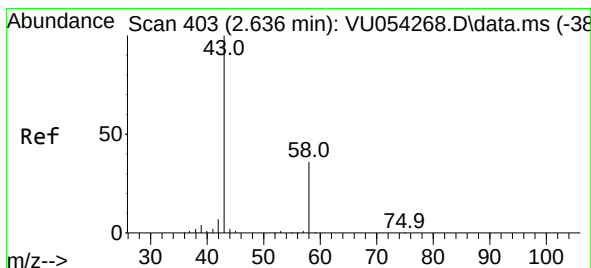
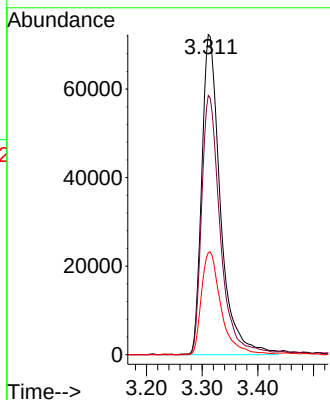
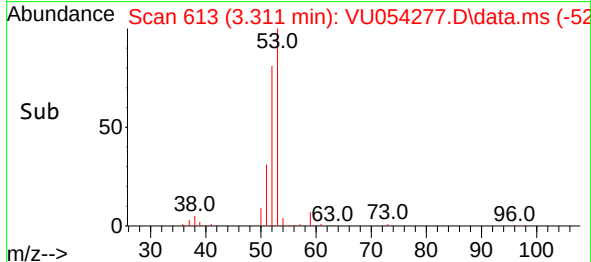
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



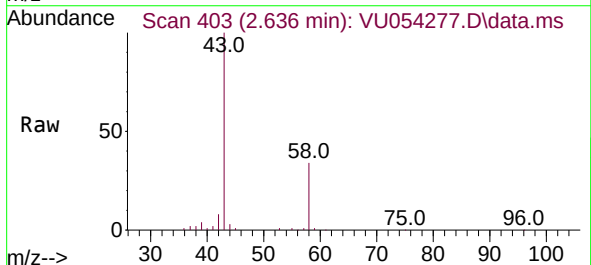
Tgt Ion: 53 Resp: 16848
Ion Ratio Lower Upper
53 100
52 80.9 65.7 98.5
51 33.8 28.2 42.4

Manual Integrations
APPROVED

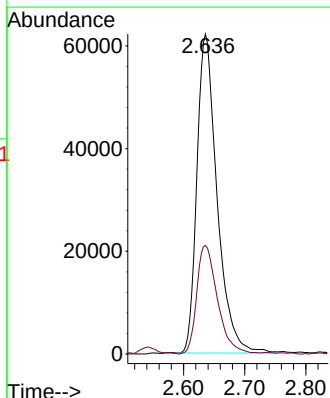
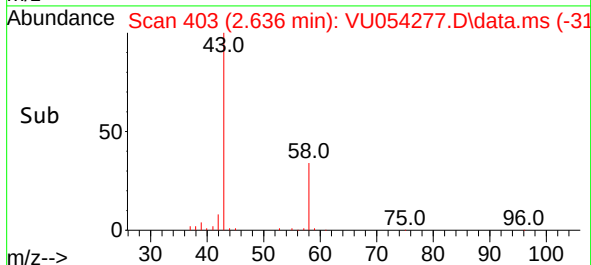
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

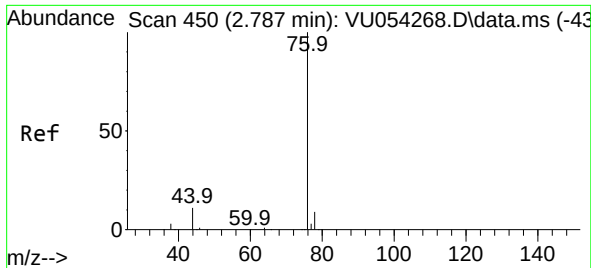


#16
Acetone
Concen: 84.953 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



Tgt Ion: 43 Resp: 142458
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3





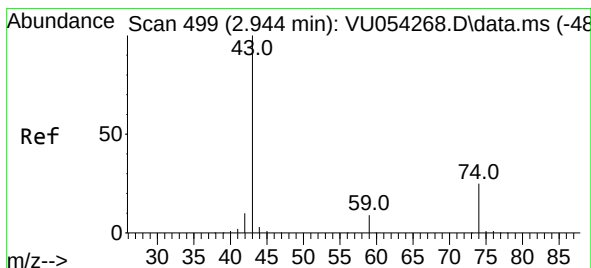
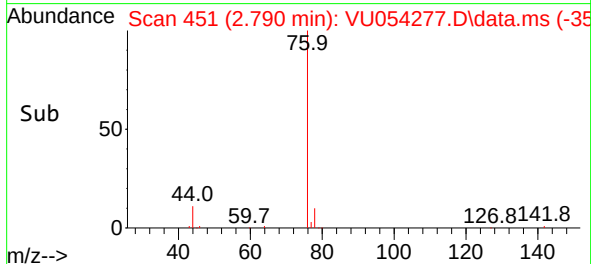
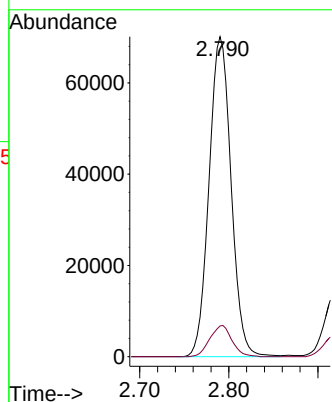
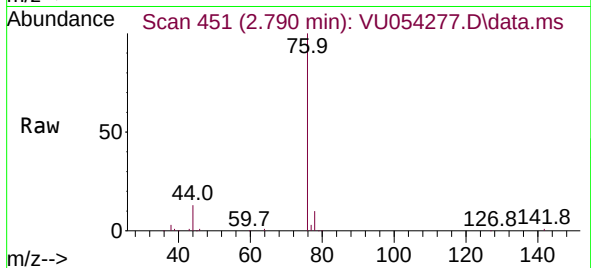
#17
Carbon Disulfide
Concen: 16.982 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 76 Resp: 120472
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

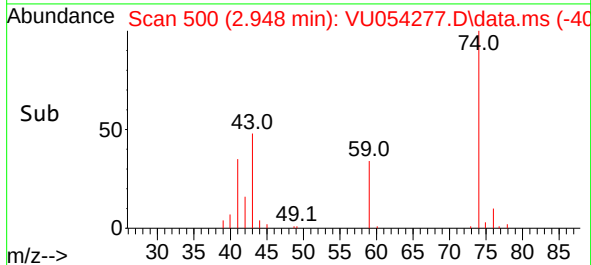
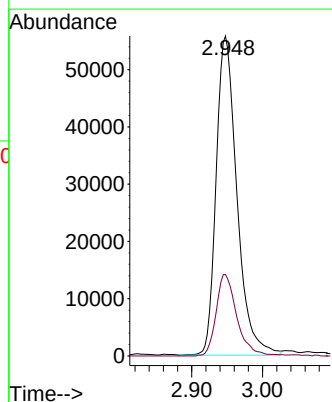
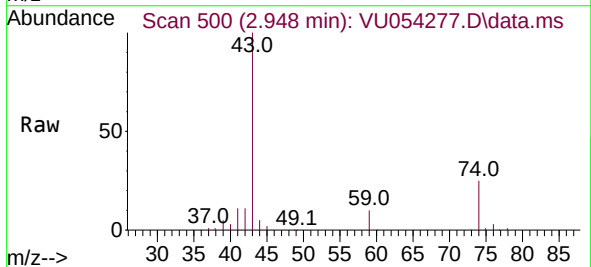
Manual Integrations
APPROVED

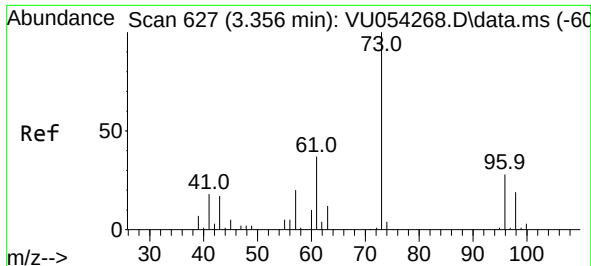
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#18
Methyl Acetate
Concen: 18.515 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.004 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 43 Resp: 113366
Ion Ratio Lower Upper
43 100
74 25.6 22.5 33.7





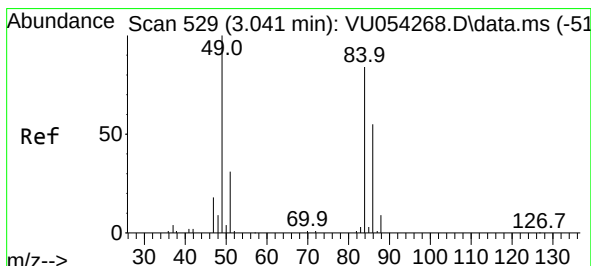
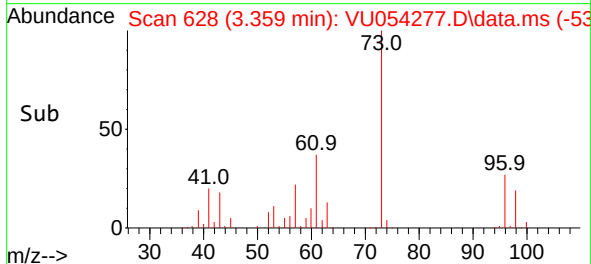
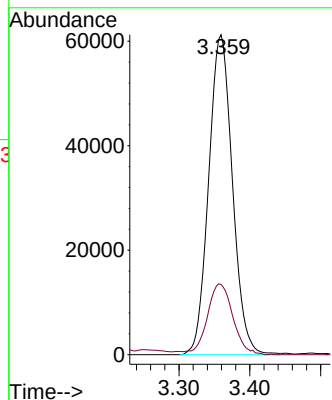
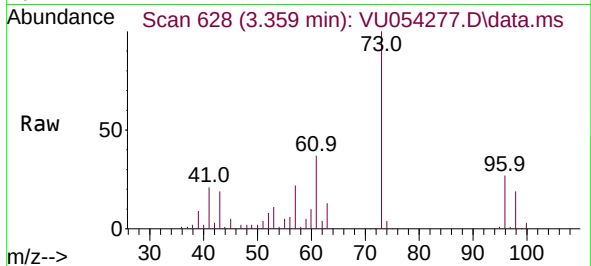
#19
Methyl tert-butyl Ether
Concen: 18.143 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 73 Resp: 142564
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7

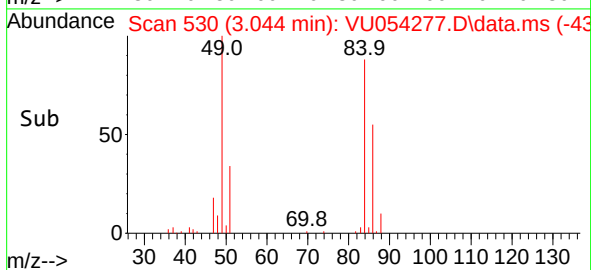
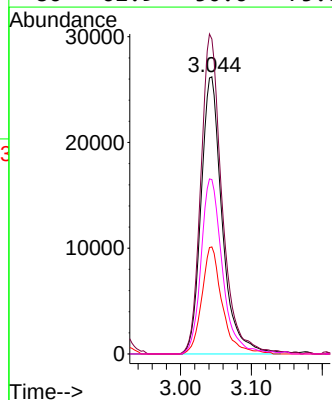
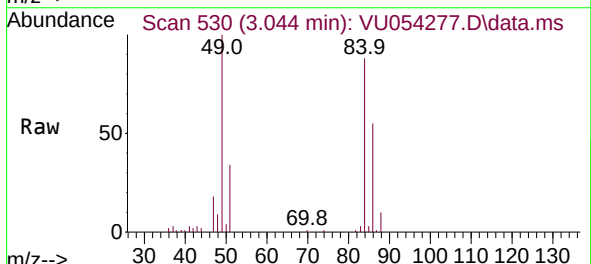
Manual Integrations
APPROVED

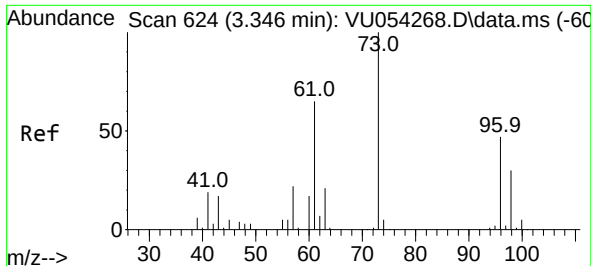
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#20
Methylene Chloride
Concen: 17.976 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

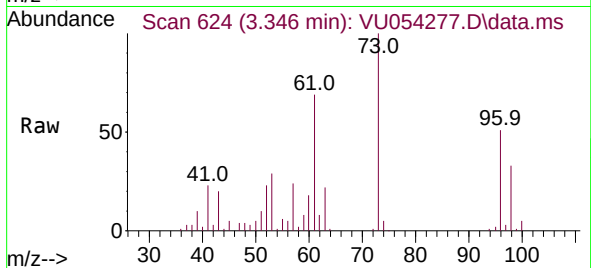
Tgt Ion: 84 Resp: 54382
Ion Ratio Lower Upper
84 100
49 113.6 86.6 129.8
51 38.6 26.6 40.0
86 62.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.451 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

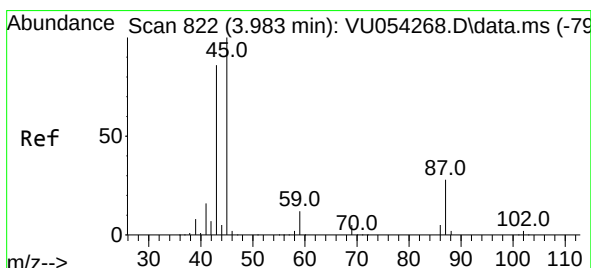
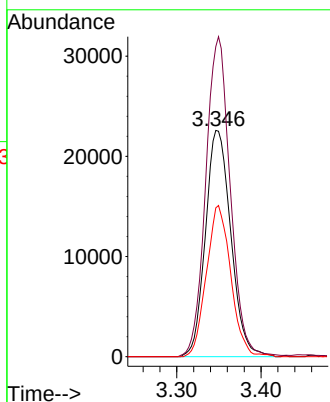
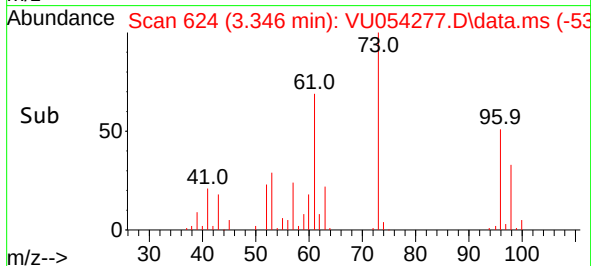
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



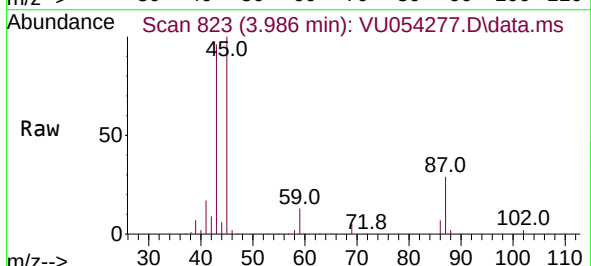
Tgt Ion: 96 Resp: 47419
Ion Ratio Lower Upper
96 100
61 137.1 106.1 159.1
98 65.8 50.8 76.2

Manual Integrations
APPROVED

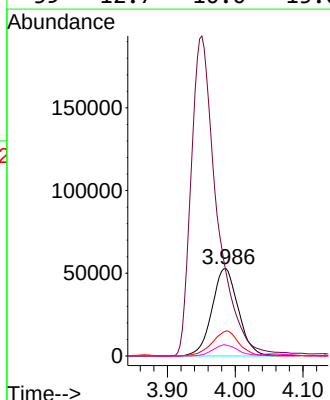
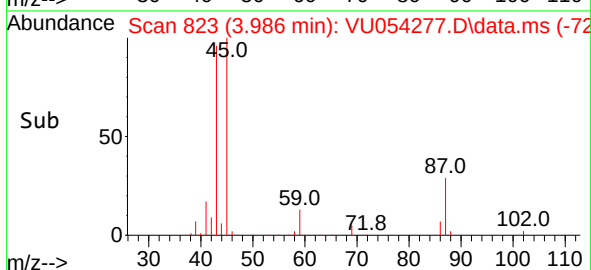
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

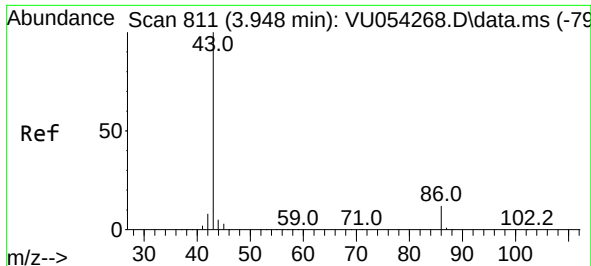


#22
Diisopropyl ether
Concen: 19.312 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



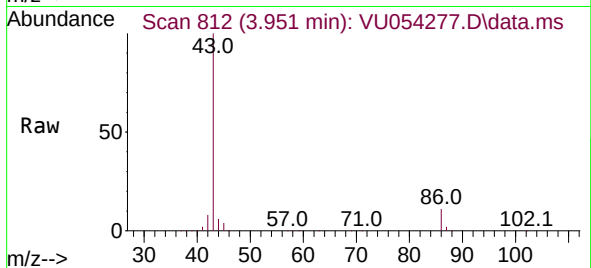
Tgt Ion: 45 Resp: 142467
Ion Ratio Lower Upper
45 100
43 92.3 92.9 139.3#
87 28.6 26.2 39.2
59 12.7 10.0 15.0





#23
 Vinyl Acetate
 Concen: 96.323 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

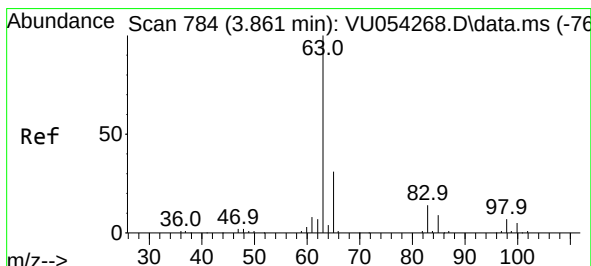
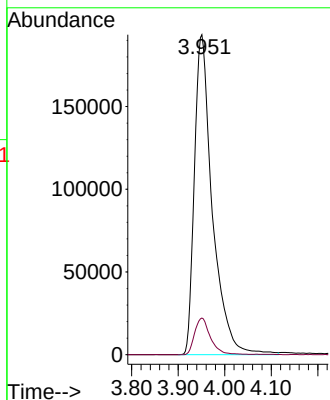
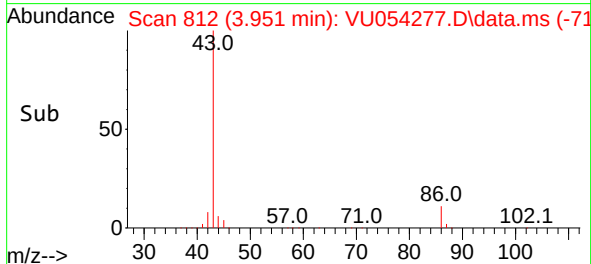
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBSD01



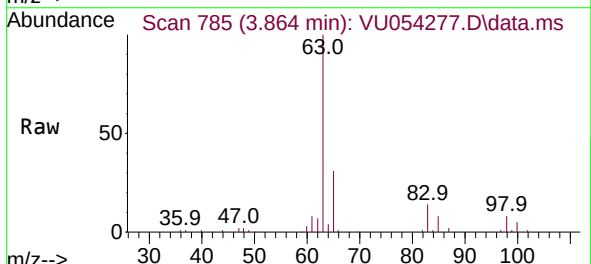
Tgt Ion: 43 Resp: 518498
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.8

Manual Integrations
 APPROVED

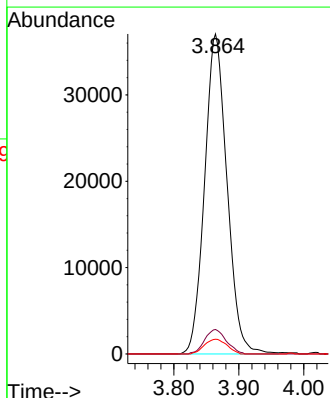
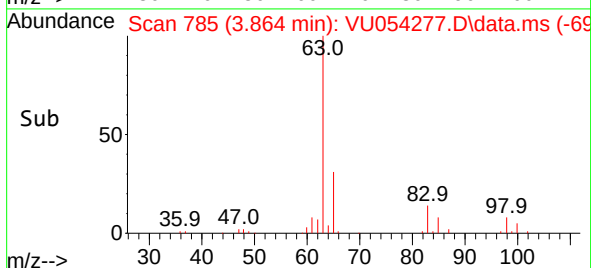
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

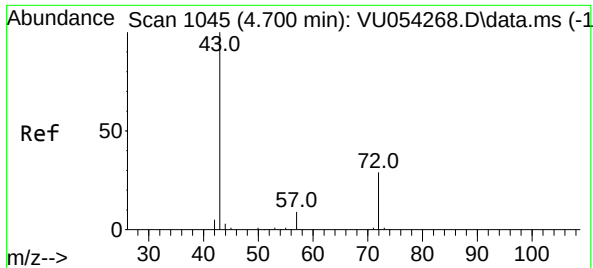


#24
 1,1-Dichloroethane
 Concen: 18.803 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53



Tgt Ion: 63 Resp: 88817
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.6 2.4 7.2





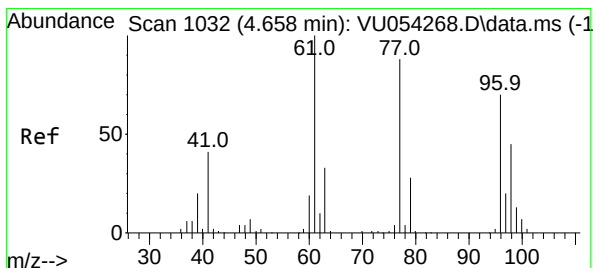
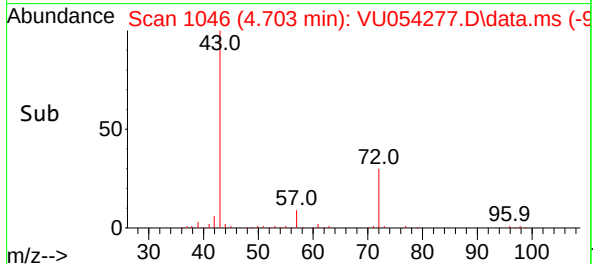
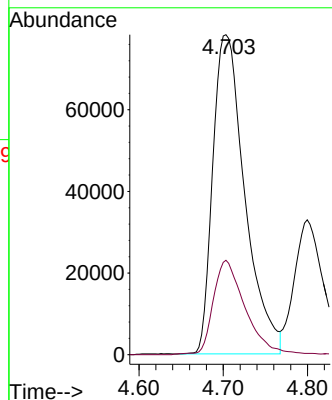
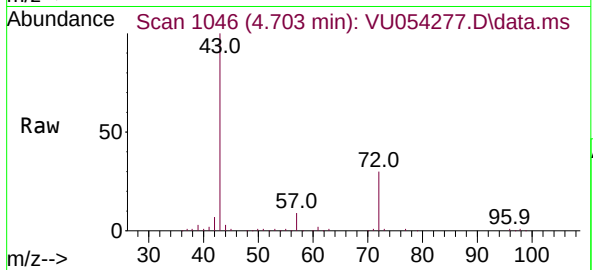
#25
2-Butanone
Concen: 93.016 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 43 Resp: 20651
Ion Ratio Lower Upper
43 100
72 29.3 23.8 35.6

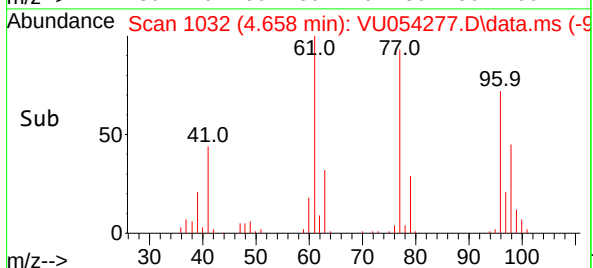
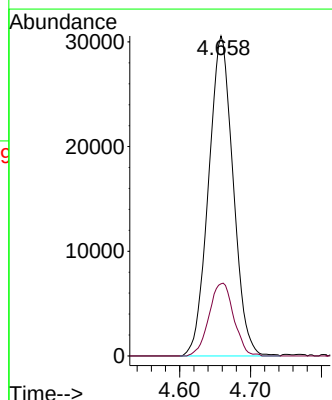
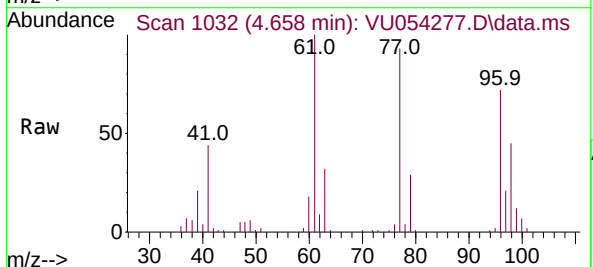
Manual Integrations
APPROVED

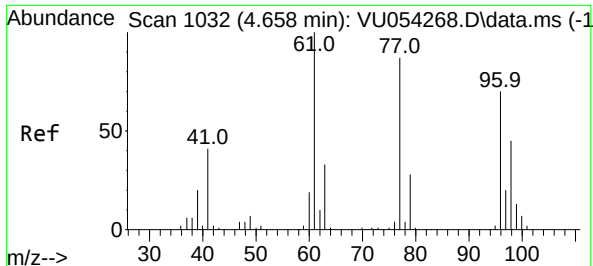
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#26
2,2-Dichloropropane
Concen: 17.825 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 77 Resp: 73581
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.868 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 96 Resp: 5394

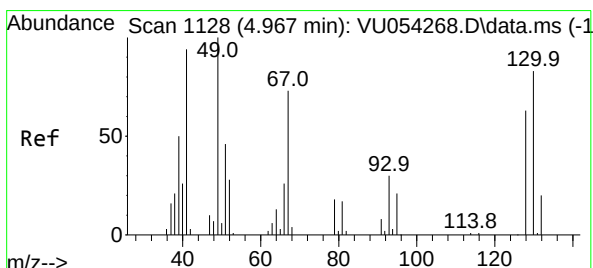
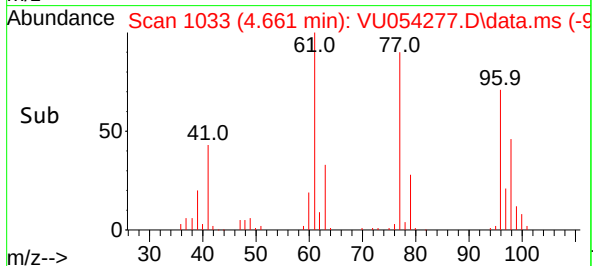
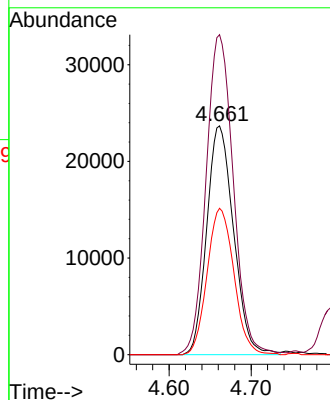
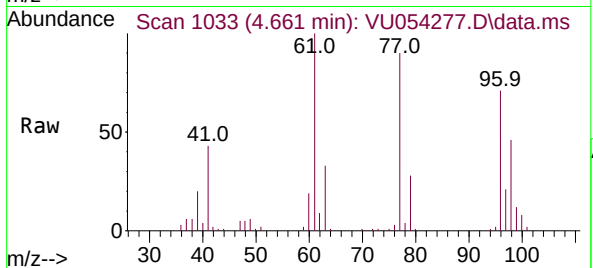
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	271.6
98	63.7	0.0	128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#28

Bromochloromethane

Concen: 21.203 ug/l

RT: 4.967 min Scan# 1128

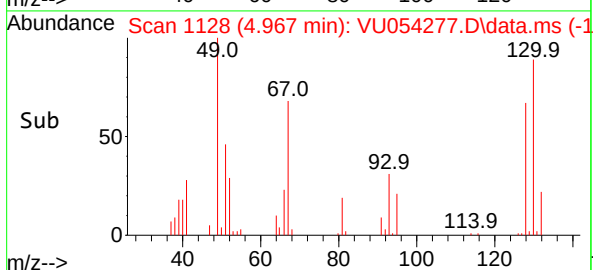
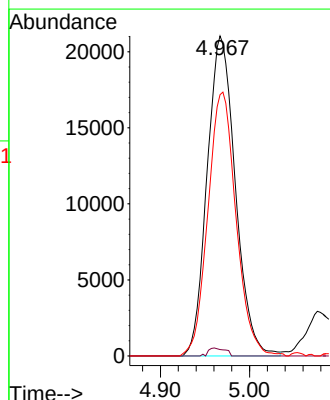
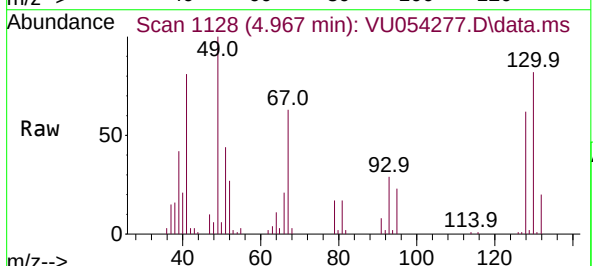
Delta R.T. -0.000 min

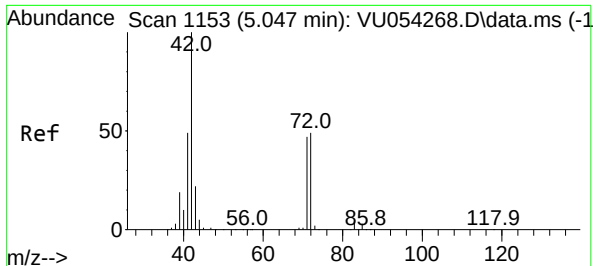
Lab File: VU054277.D

Acq: 26 May 2023 11:53

Tgt Ion: 49 Resp: 46347

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	82.0	76.9	115.3





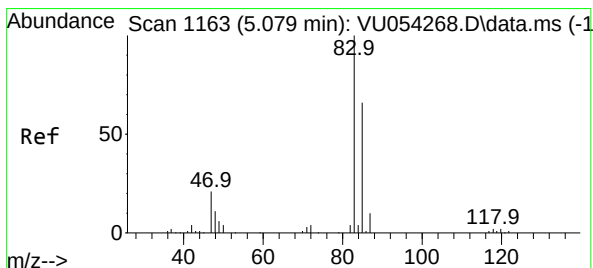
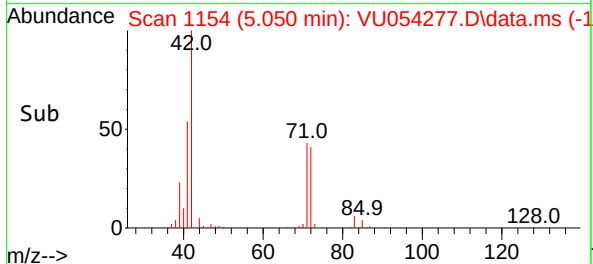
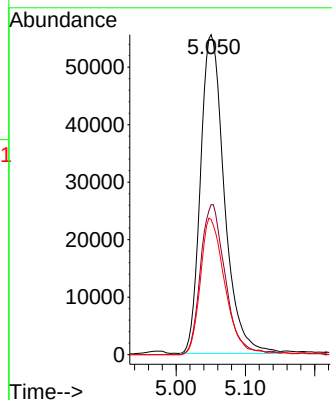
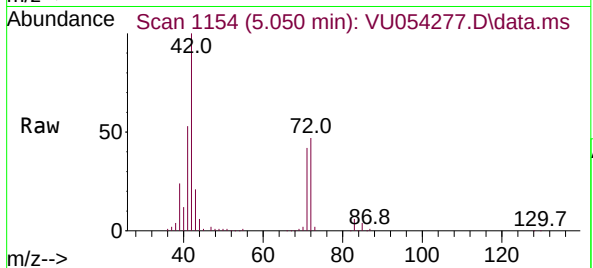
#29
Tetrahydrofuran
Concen: 95.077 ug/l
RT: 5.050 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 42 Resp: 13268
Ion Ratio Lower Upper
42 100
72 48.8 42.6 63.8
71 43.9 40.3 60.5

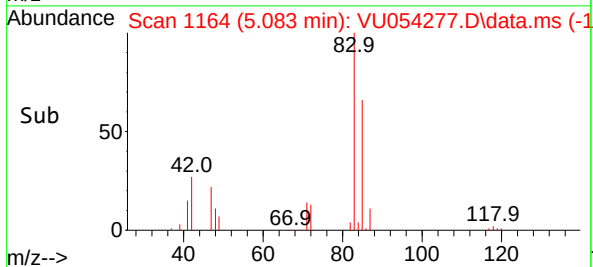
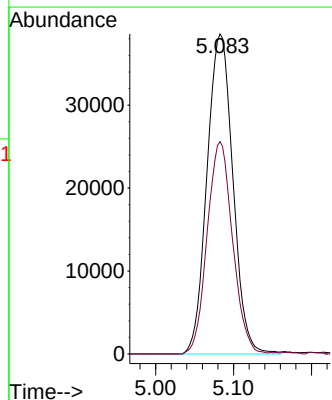
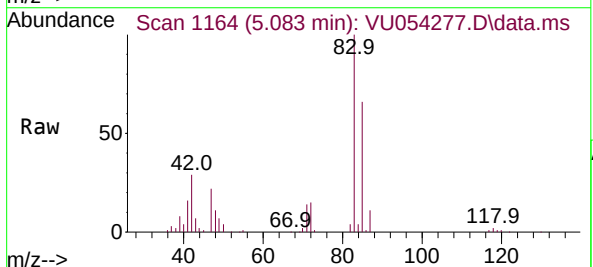
Manual Integrations
APPROVED

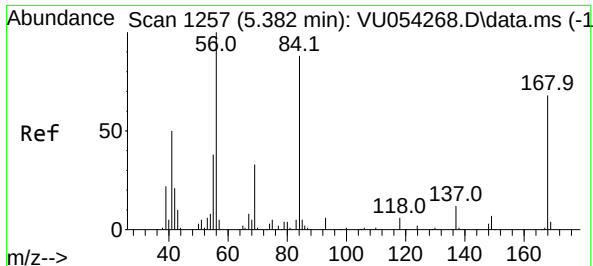
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#30
Chloroform
Concen: 18.550 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.004 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

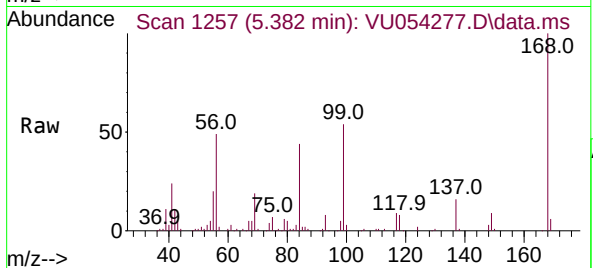
Tgt Ion: 83 Resp: 89073
Ion Ratio Lower Upper
83 100
85 66.4 51.2 76.8





#31
Cyclohexane
Concen: 18.936 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

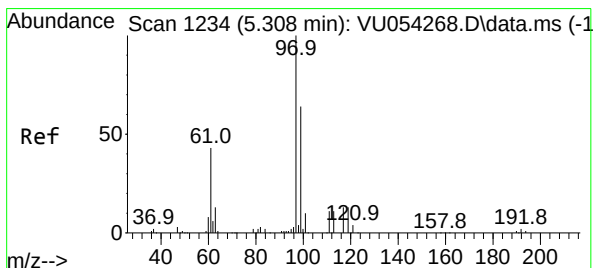
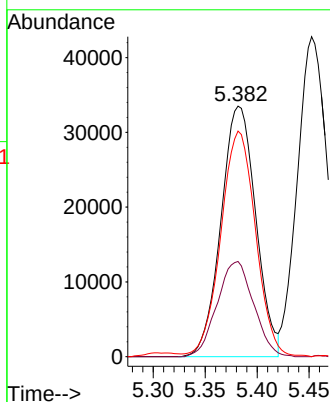
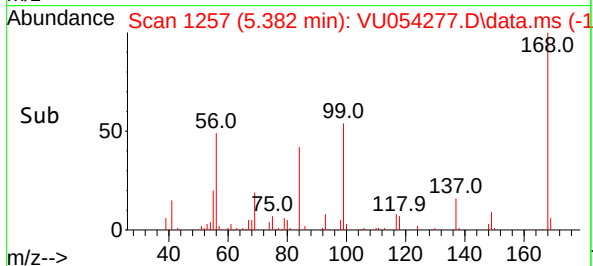
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



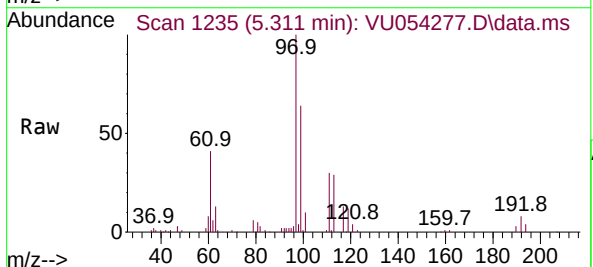
Tgt Ion: 56 Resp: 7822
Ion Ratio Lower Upper
56 100
69 38.0 27.8 41.8
84 88.9 74.2 111.4

Manual Integrations
APPROVED

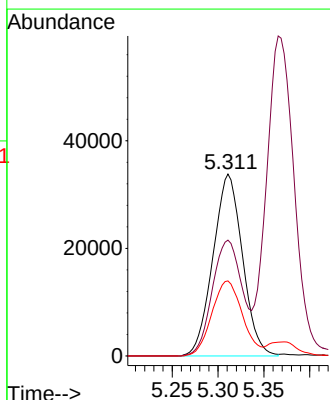
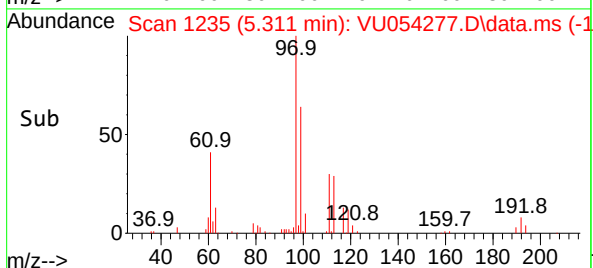
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

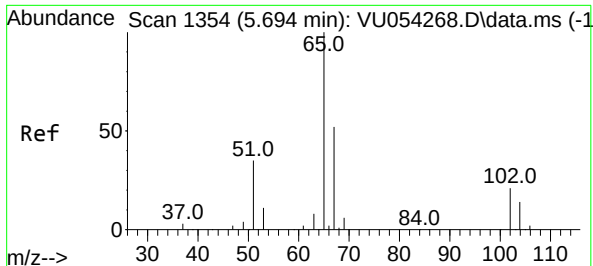


#32
1,1,1-Trichloroethane
Concen: 18.163 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



Tgt Ion: 97 Resp: 75716
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 43.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.139 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 65 Resp: 149600

Ion Ratio Lower Upper

65 100

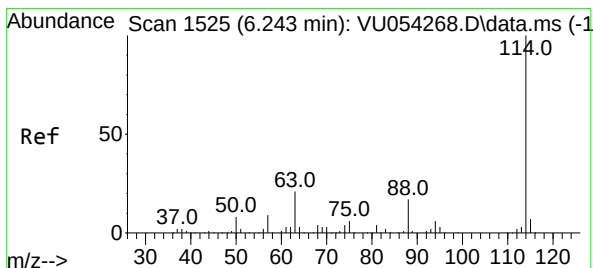
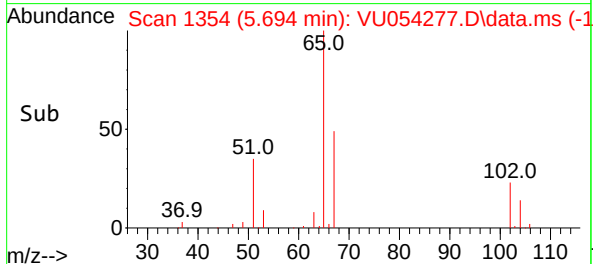
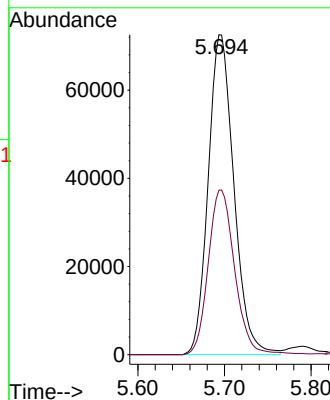
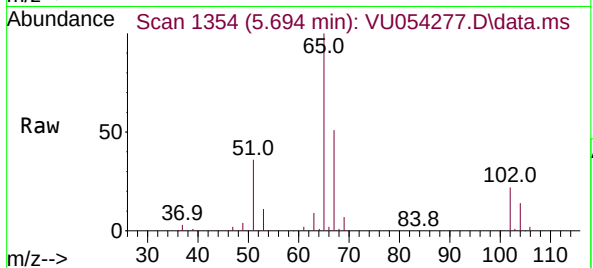
67 53.1 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

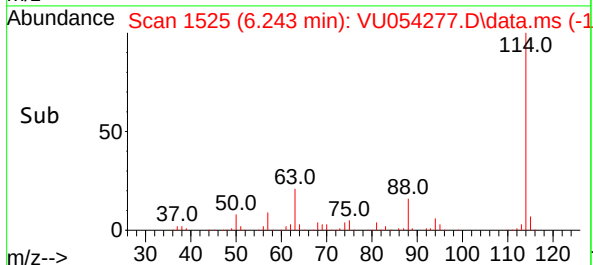
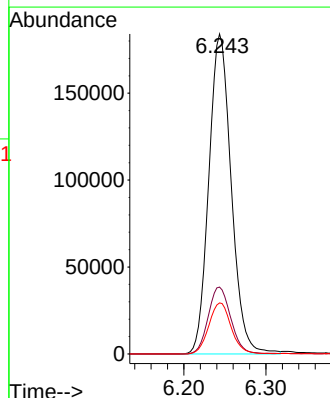
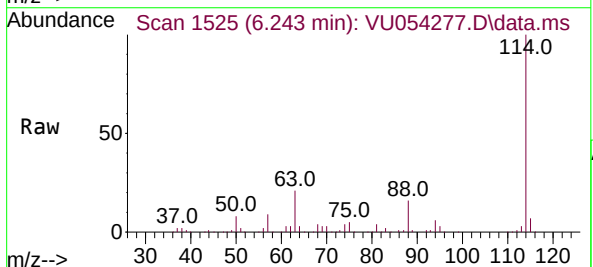
Tgt Ion:114 Resp: 350323

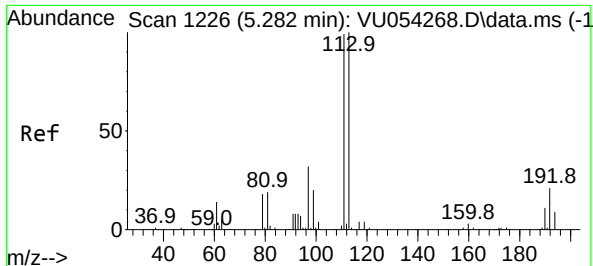
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

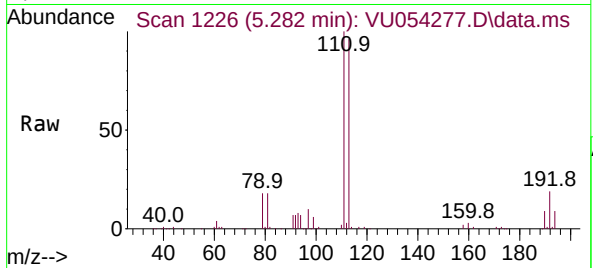
88 16.0 0.0 29.2





#35
Dibromofluoromethane
Concen: 52.892 ug/l
RT: 5.282 min Scan# 119324
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

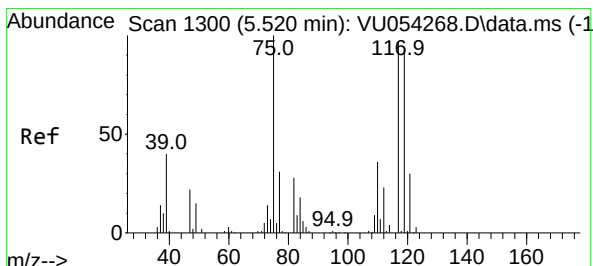
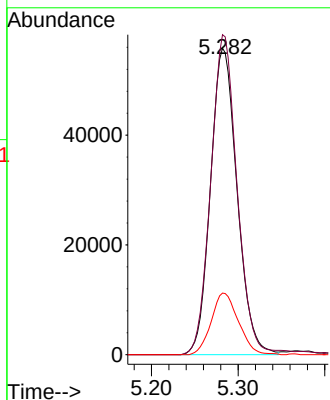
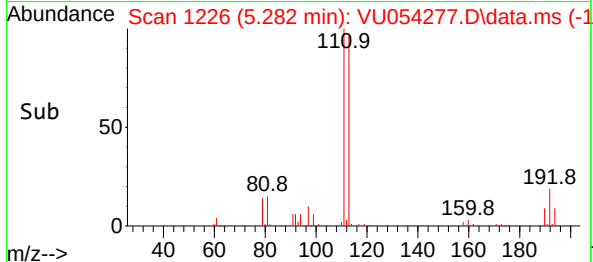
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 113 Resp: 119324
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 20.6 18.0 27.0

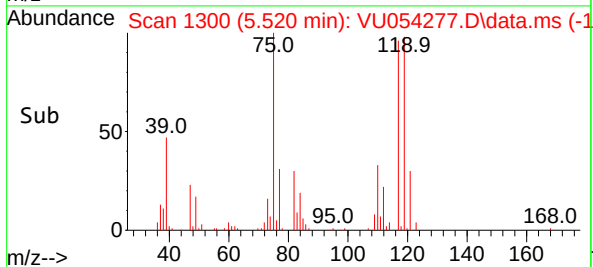
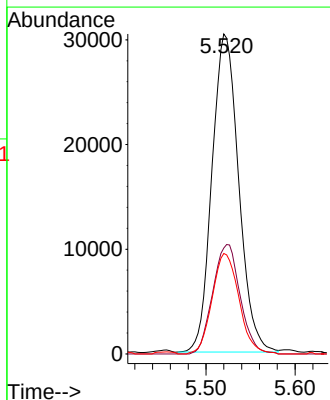
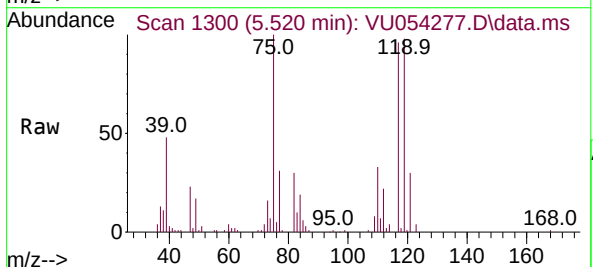
Manual Integrations
APPROVED

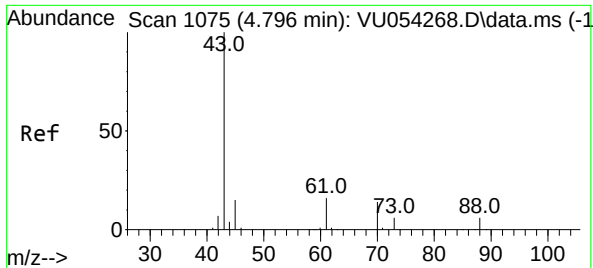
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#36
1,1-Dichloropropene
Concen: 17.864 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 75 Resp: 63298
Ion Ratio Lower Upper
75 100
110 35.2 18.4 55.2
77 31.8 25.1 37.7





#37
Ethyl Acetate
Concen: 17.691 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.004 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

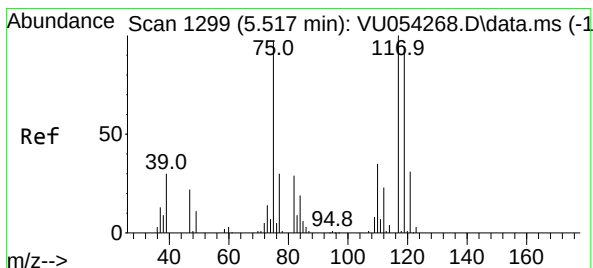
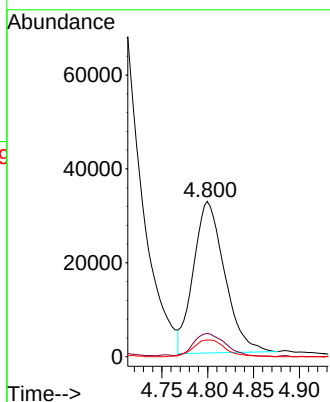
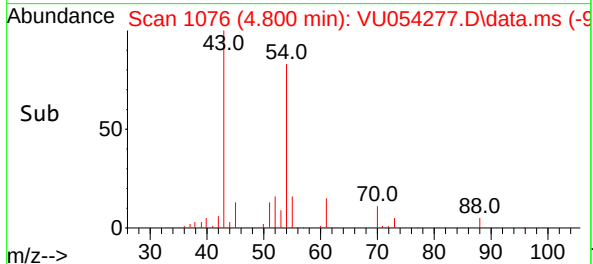
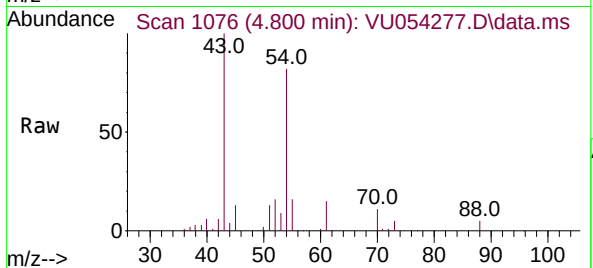
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 43 Resp: 76397

Ion	Ratio	Lower	Upper
43	100		
61	15.9	9.5	14.3
70	11.2	7.5	11.3

Manual Integrations
APPROVED

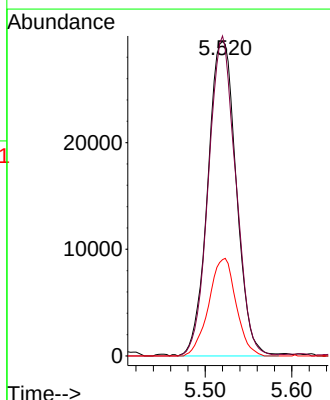
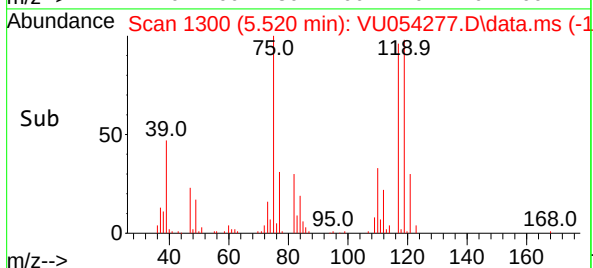
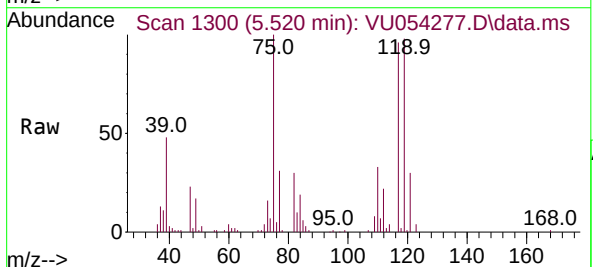
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

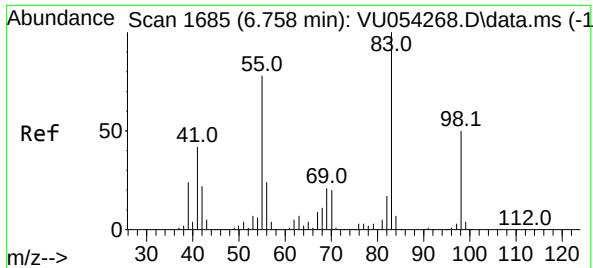


#38
Carbon Tetrachloride
Concen: 18.554 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:117 Resp: 67291

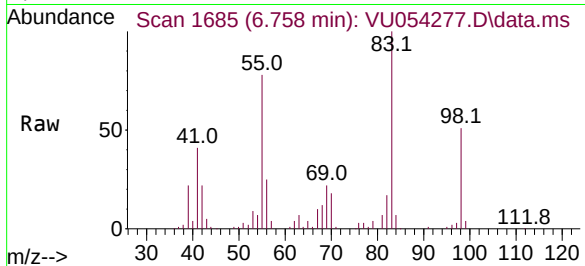
Ion	Ratio	Lower	Upper
117	100		
119	101.8	76.8	115.2
121	30.6	24.7	37.1





#39
Methylcyclohexane
Concen: 18.664 ug/l
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

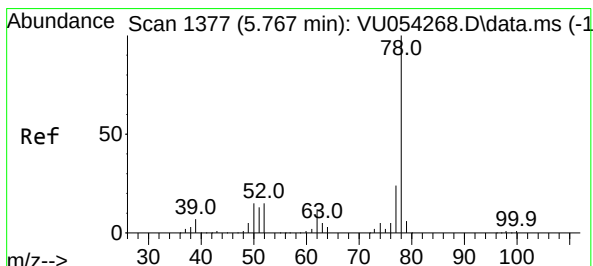
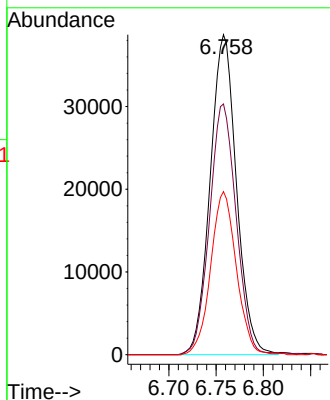
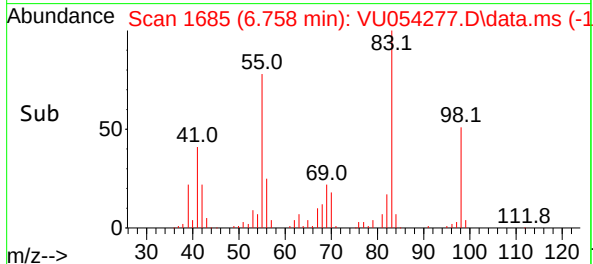
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 83 Resp: 74909
Ion Ratio Lower Upper
83 100
55 78.3 55.3 82.9
98 50.9 37.3 55.9

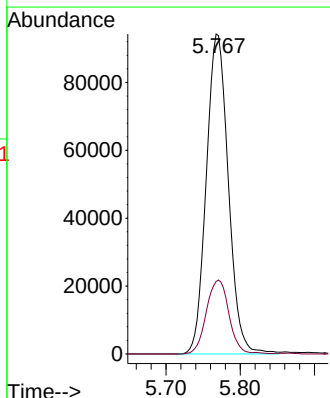
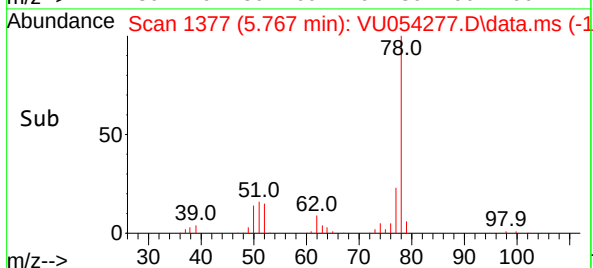
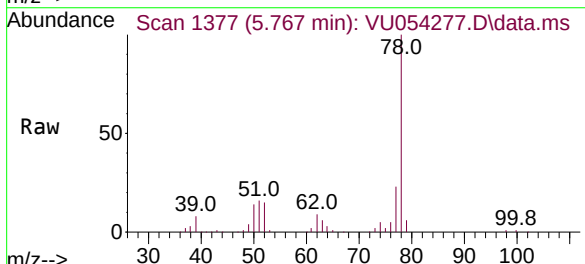
Manual Integrations
APPROVED

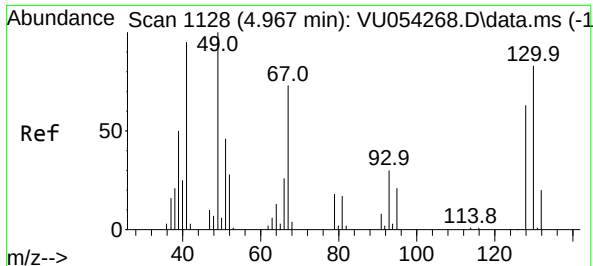
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#40
Benzene
Concen: 19.240 ug/l
RT: 5.767 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

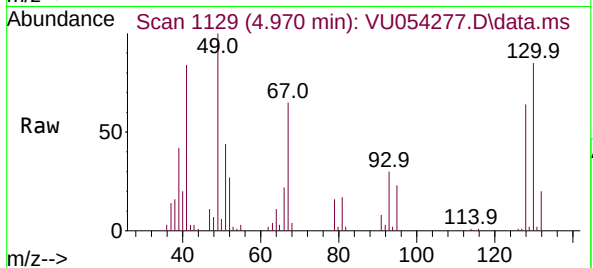
Tgt Ion: 78 Resp: 194469
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#41
Methacrylonitrile
Concen: 19.181 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

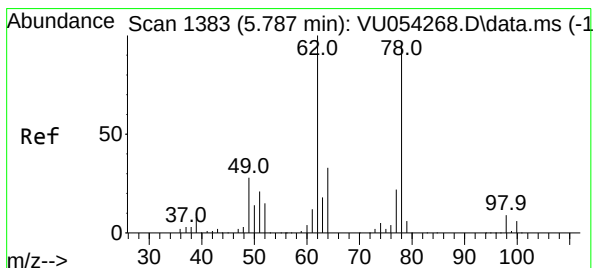
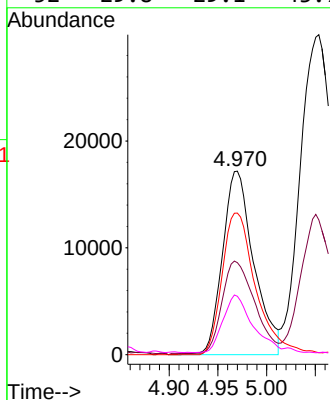
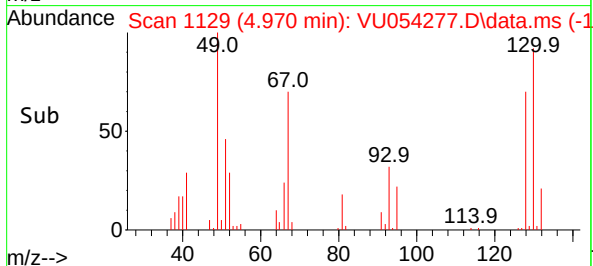
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 41 Resp: 3828
Ion Ratio Lower Upper
41 100
39 52.4 43.1 64.7
67 83.6 72.3 108.5
52 29.8 29.1 43.7

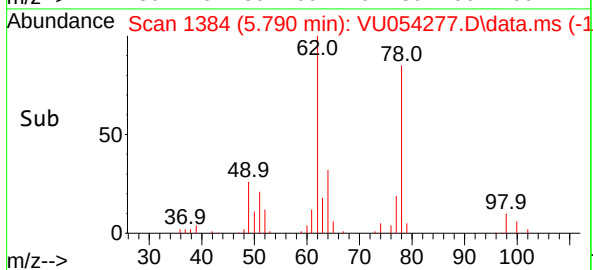
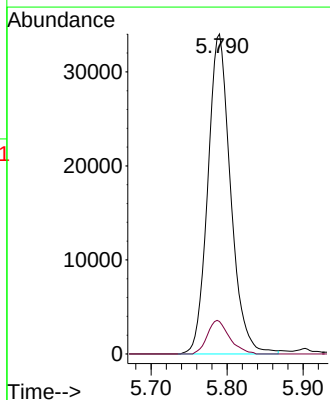
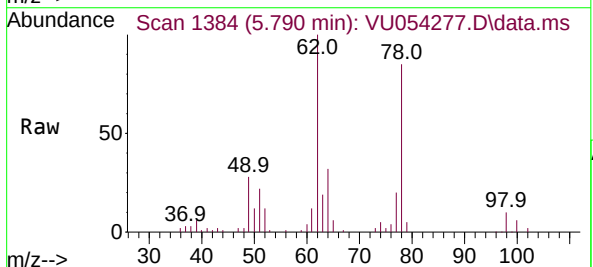
Manual Integrations
APPROVED

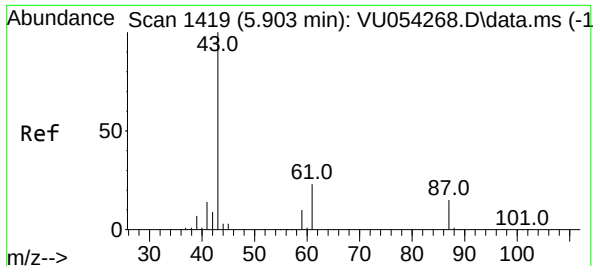
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#42
1,2-Dichloroethane
Concen: 19.286 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 62 Resp: 70813
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.473 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 43 Resp: 110030

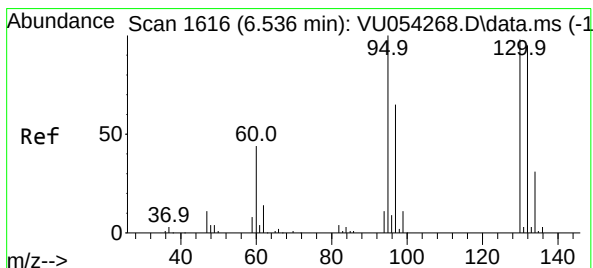
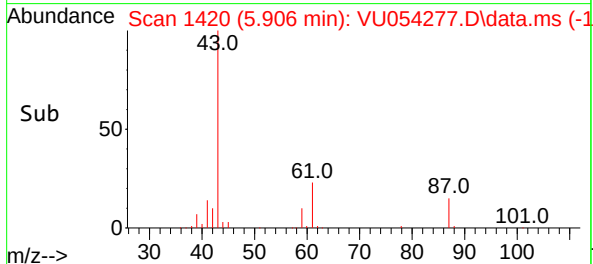
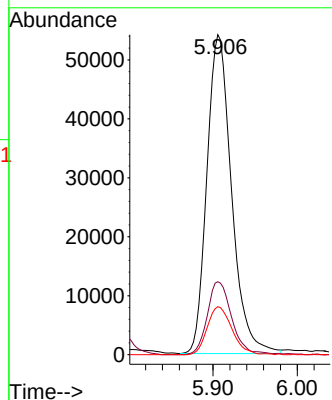
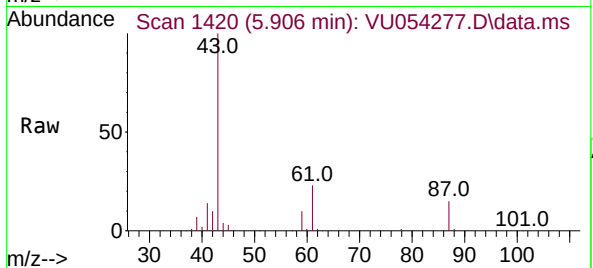
Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.4	26.0
87	15.0	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#44

Trichloroethene

Concen: 18.520 ug/l

RT: 6.539 min Scan# 1617

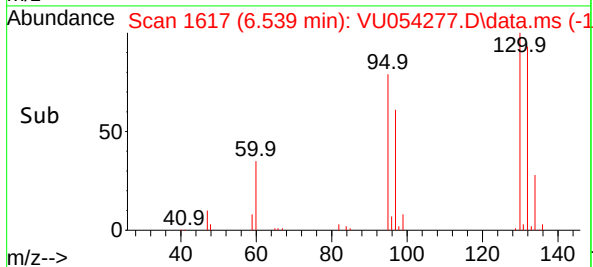
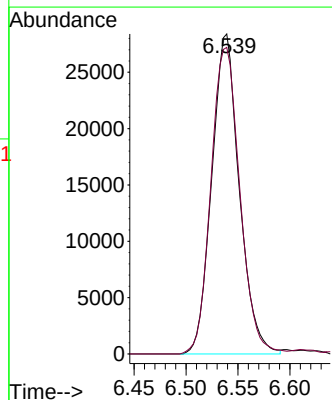
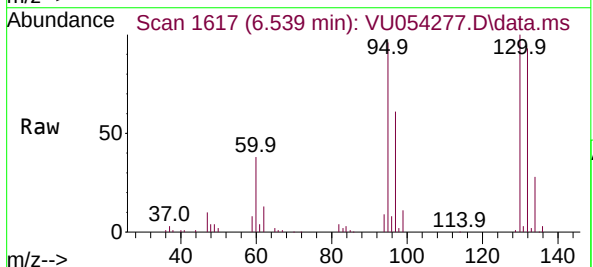
Delta R.T. 0.003 min

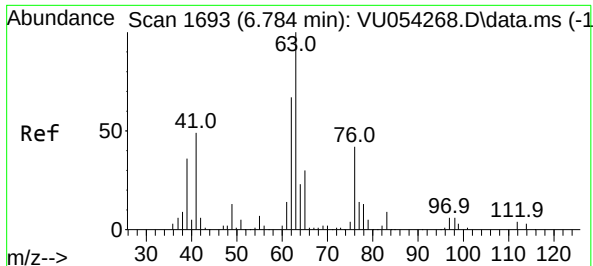
Lab File: VU054277.D

Acq: 26 May 2023 11:53

Tgt Ion:130 Resp: 52326

Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	184.6





#45

1,2-Dichloropropane

Concen: 19.315 ug/l

RT: 6.783 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 63 Resp: 5092

Ion Ratio Lower Upper

63 100

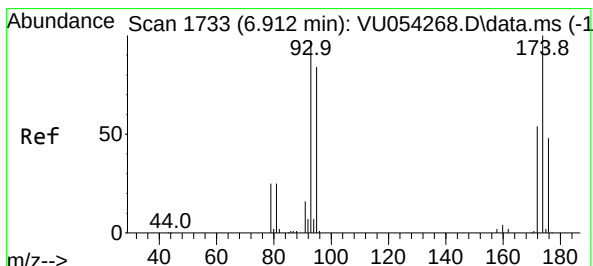
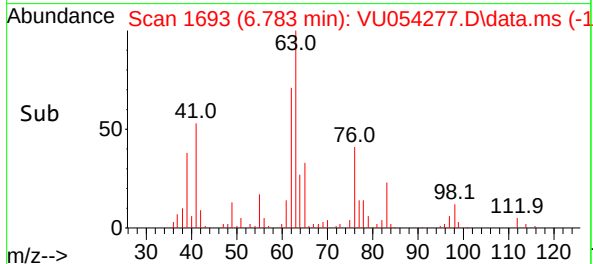
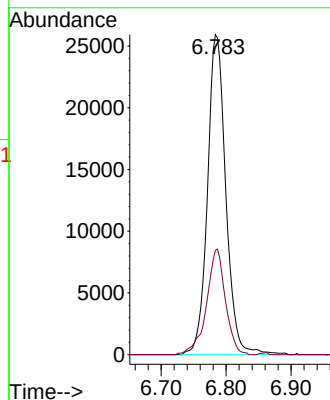
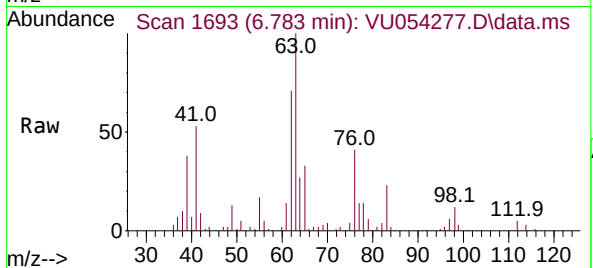
65 32.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#46

Dibromomethane

Concen: 18.874 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

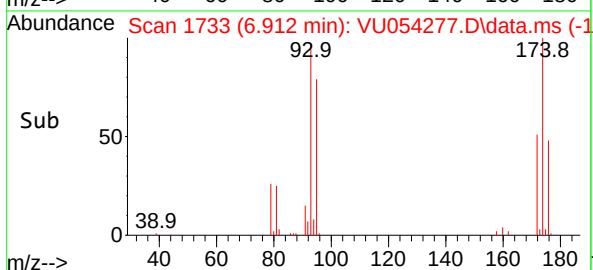
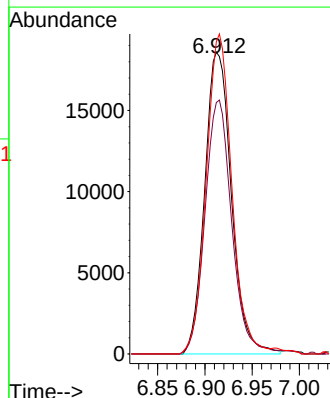
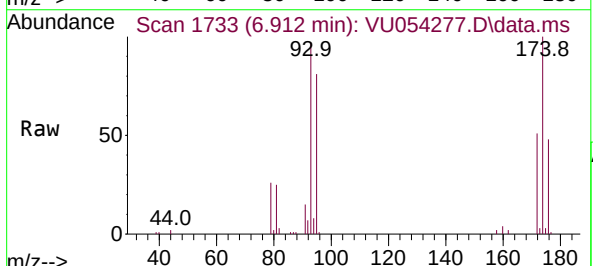
Tgt Ion: 93 Resp: 36631

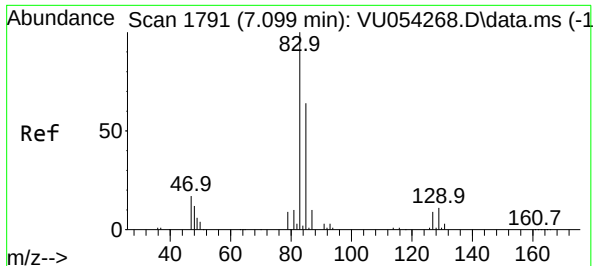
Ion Ratio Lower Upper

93 100

95 84.5 66.3 99.5

174 101.1 88.2 132.4





#47

Bromodichloromethane

Concen: 18.650 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

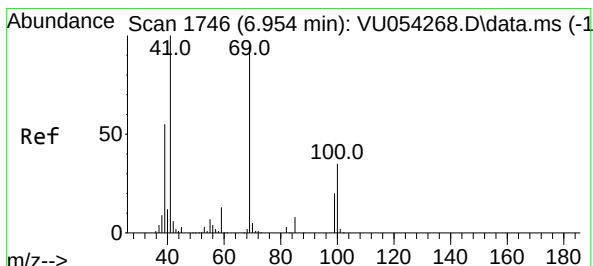
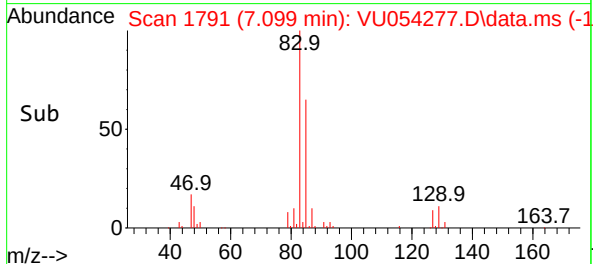
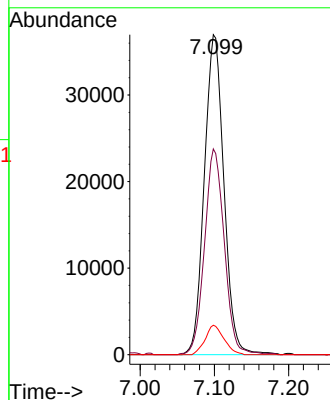
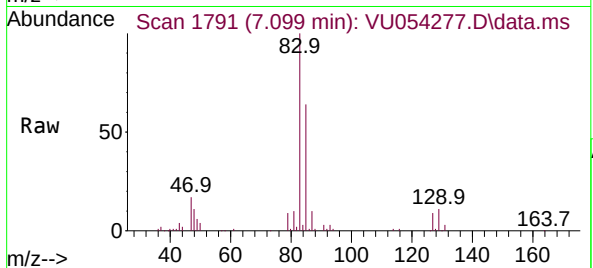
Tgt Ion: 83	Resp: 67692
Ion Ratio	Lower Upper
83 100	
85 64.3	51.4 77.2
127 9.2	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#48

Methyl methacrylate

Concen: 19.053 ug/l

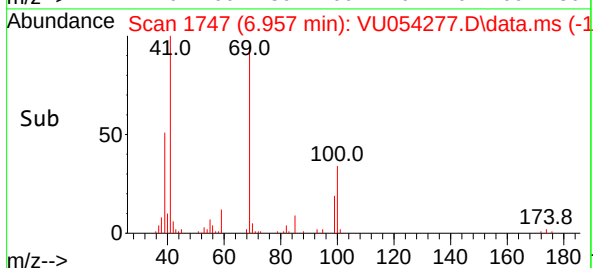
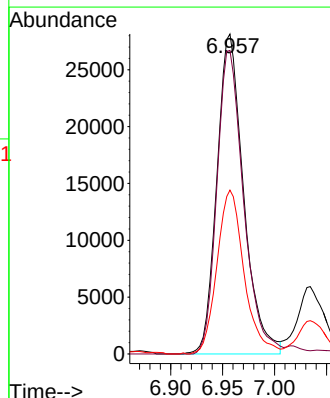
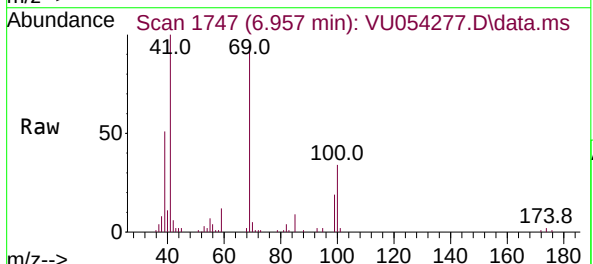
RT: 6.957 min Scan# 1747

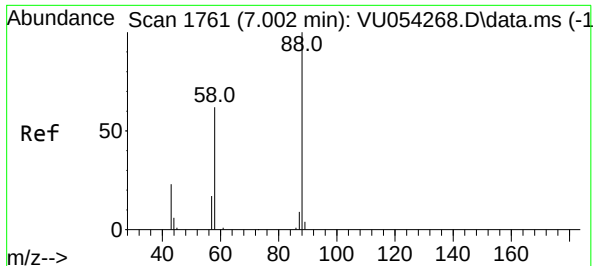
Delta R.T. 0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Tgt Ion: 41	Resp: 50330
Ion Ratio	Lower Upper
41 100	
69 94.7	79.8 119.6
39 51.9	47.9 71.9





#49

1,4-Dioxane

Concen: 366.661 ug/l m

RT: 6.999 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

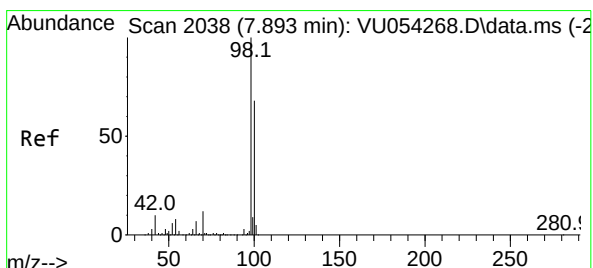
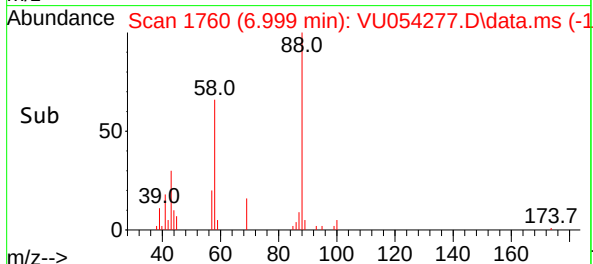
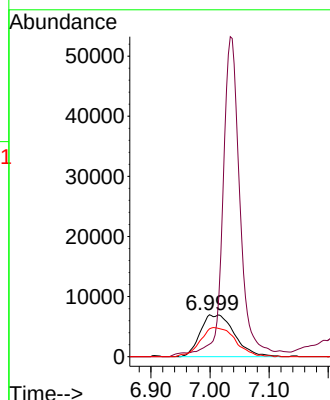
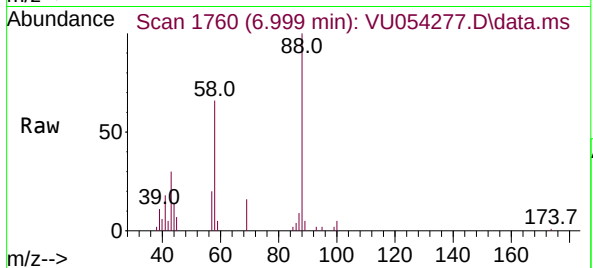
ClientSampleId :

VU0526WBSD01

Tgt Ion: 88 Resp: 27962
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 70.9 15.4 23.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#50

Toluene-d8

Concen: 52.933 ug/l

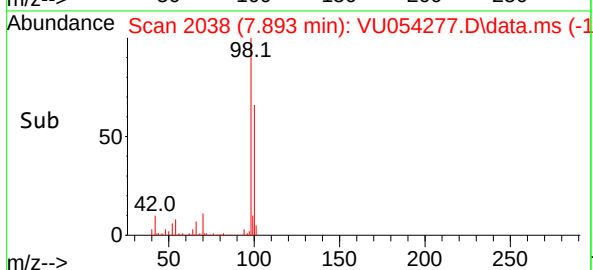
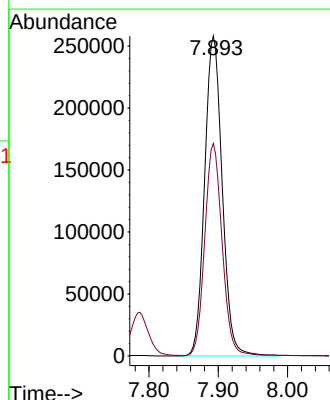
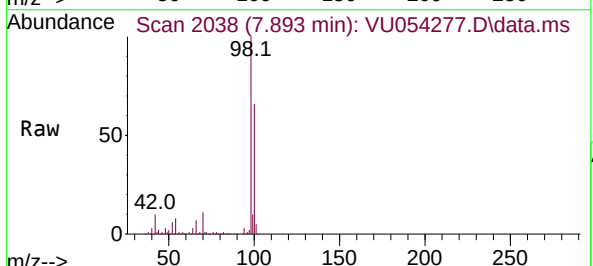
RT: 7.893 min Scan# 2038

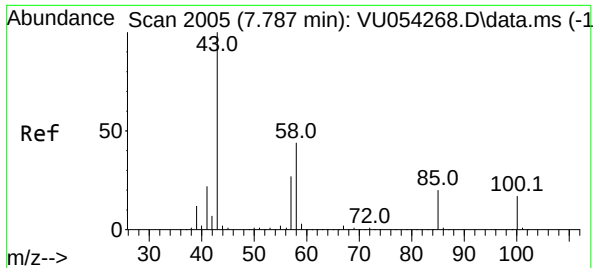
Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Tgt Ion: 98 Resp: 454223
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 94.768 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

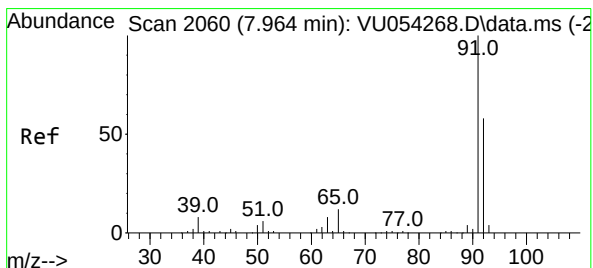
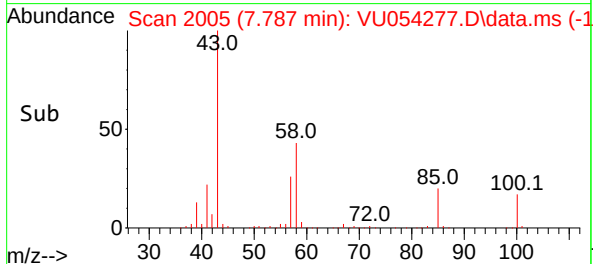
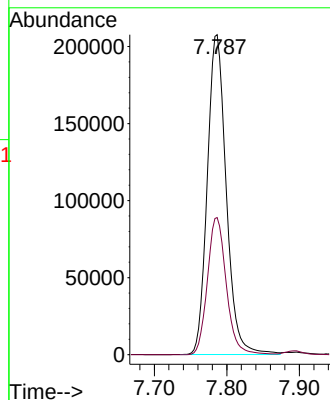
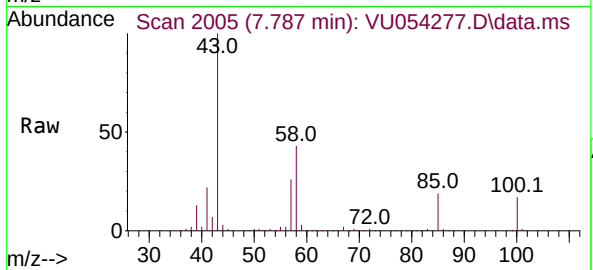
VU0526WBSD01

Tgt Ion: 43 Resp: 376712
Ion Ratio Lower Upper
43 100
58 42.8 34.7 52.1

Manual Integrations

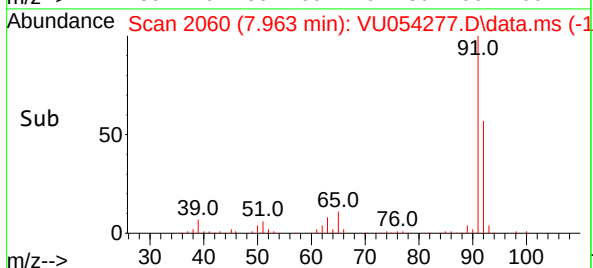
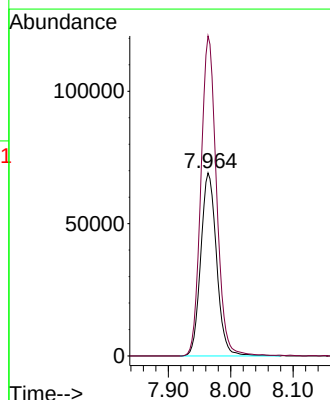
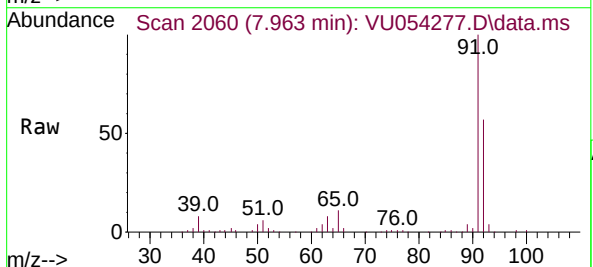
APPROVED

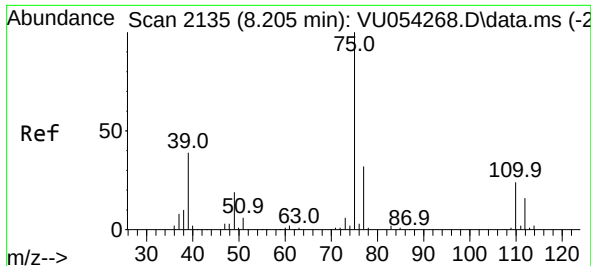
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 18.930 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.001 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 92 Resp: 121997
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.4





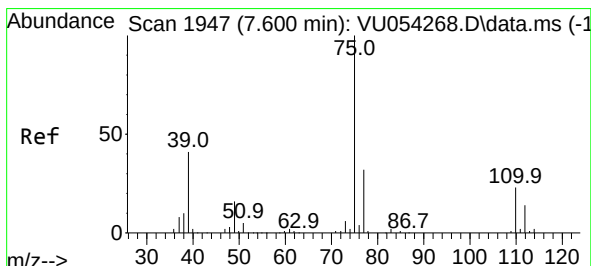
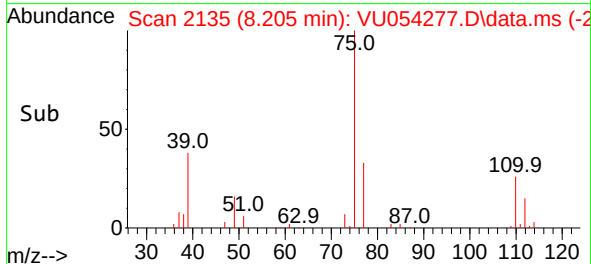
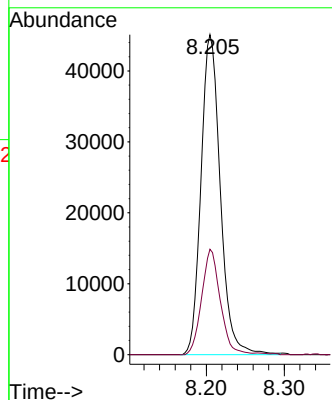
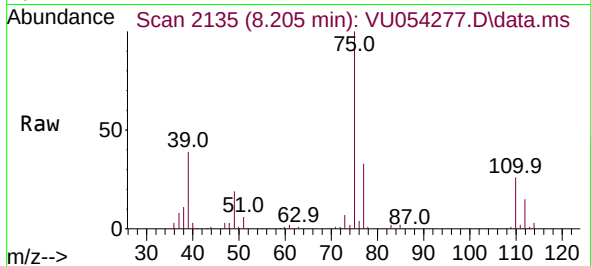
#53
 t-1,3-Dichloropropene
 Concen: 18.698 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBSD01

Tgt Ion: 75 Resp: 7764
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0

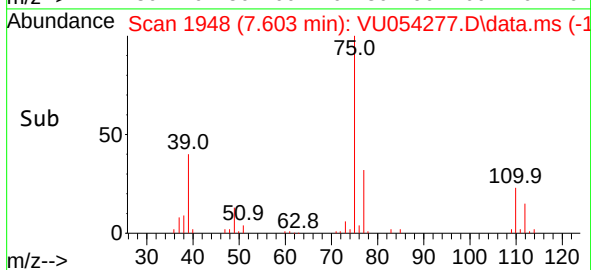
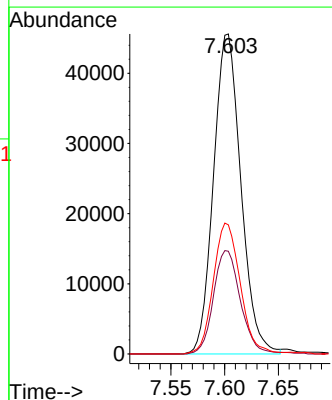
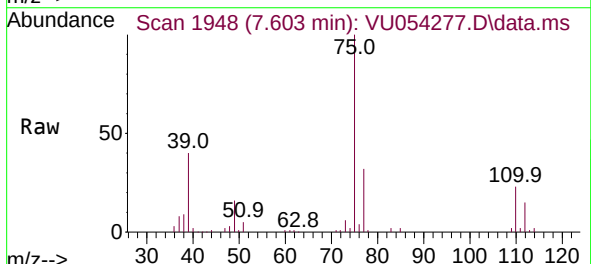
Manual Integrations
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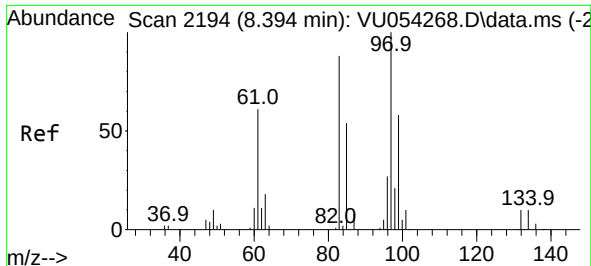
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.647 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.003 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

Tgt Ion: 75 Resp: 80812
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 40.4 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 18.963 ug/l

RT: 8.394 min Scan# 2194

Delta R.T. 0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

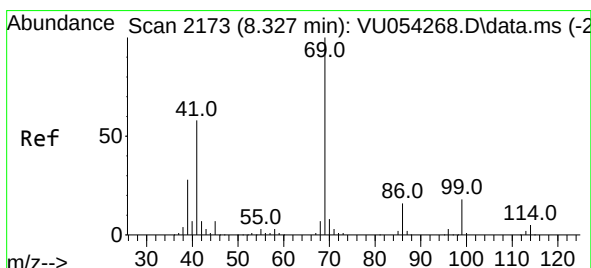
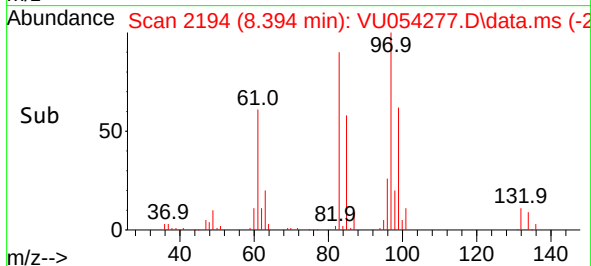
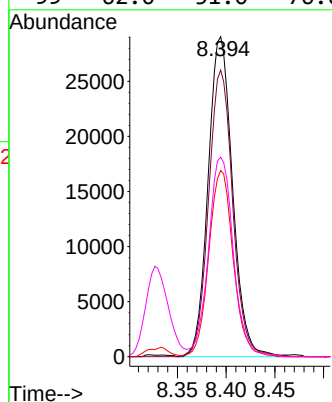
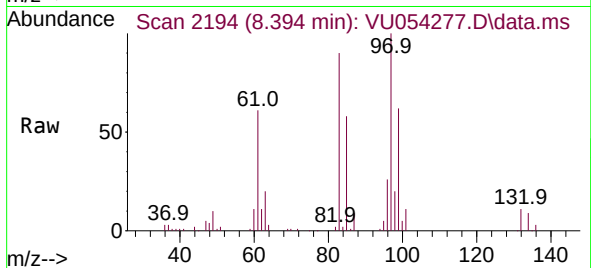
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.2	105.4
85	58.2	44.6	66.8
99	62.0	51.0	76.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#56

Ethyl methacrylate

Concen: 18.535 ug/l

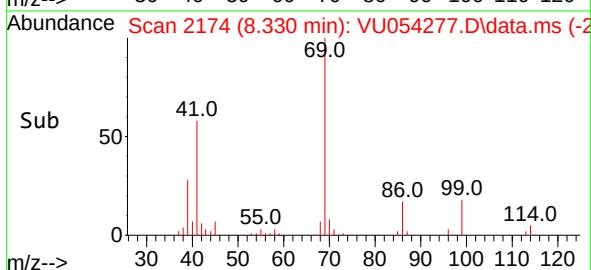
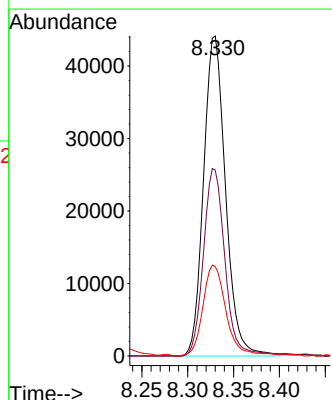
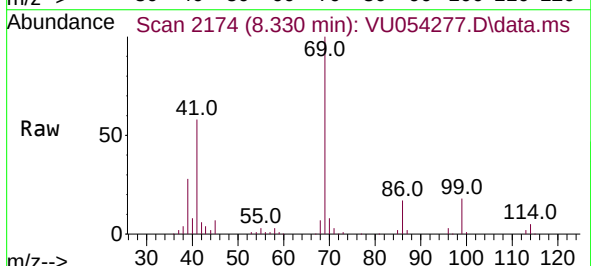
RT: 8.330 min Scan# 2174

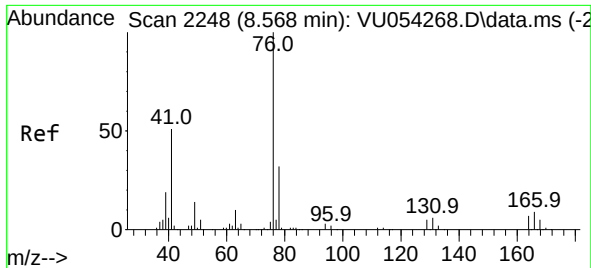
Delta R.T. 0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.2	45.4	68.0
39	30.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 19.130 ug/l

RT: 8.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 76 Resp: 8798

Ion Ratio Lower Upper

76 100

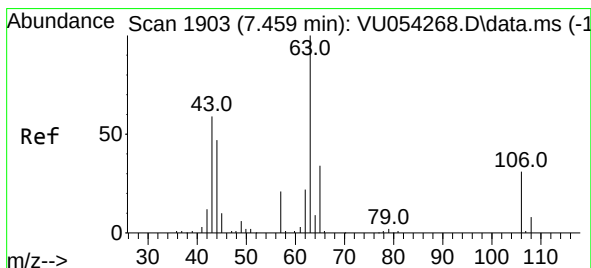
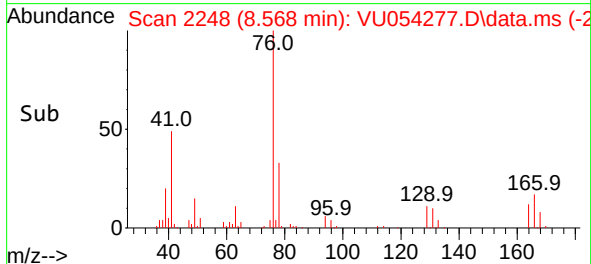
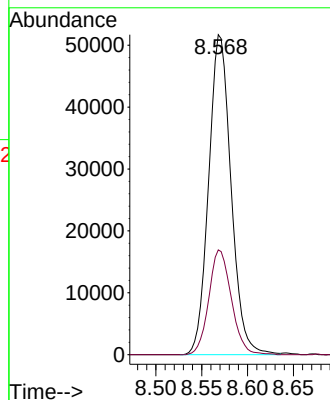
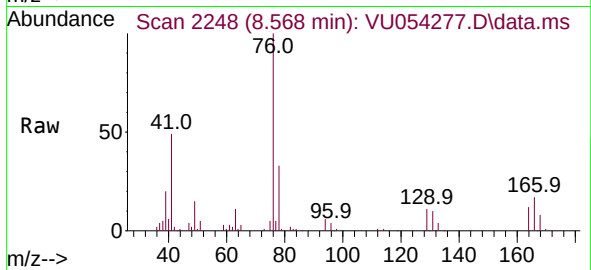
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 52.099 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054277.D

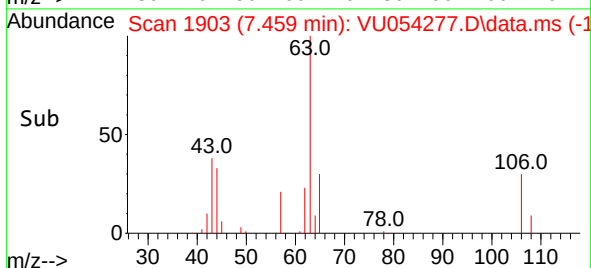
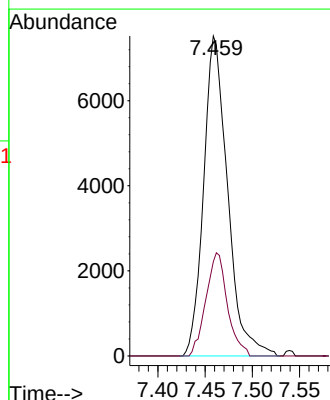
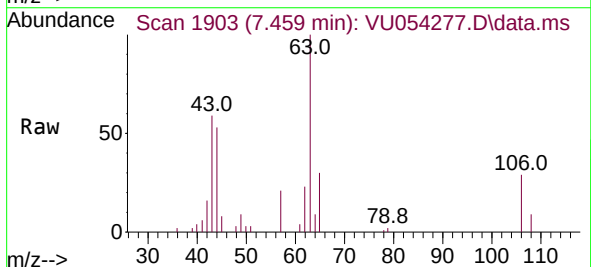
Acq: 26 May 2023 11:53

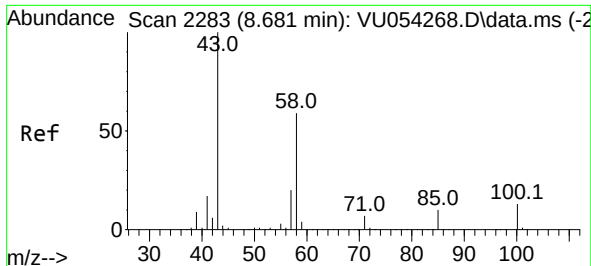
Tgt Ion: 63 Resp: 13280

Ion Ratio Lower Upper

63 100

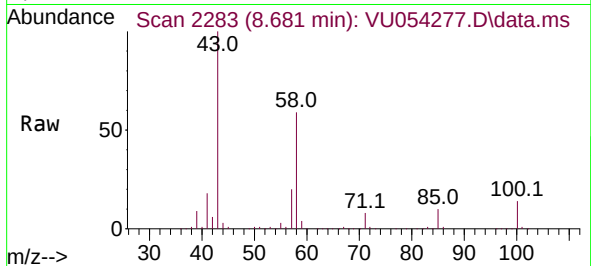
106 28.8 23.1 34.7





#59
2-Hexanone
Concen: 93.243 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

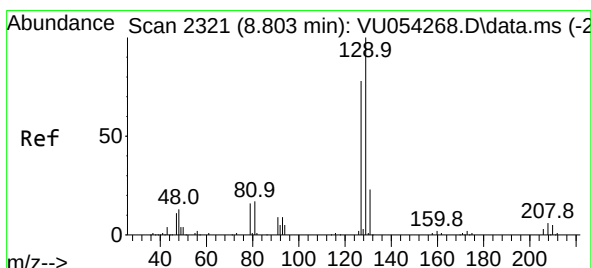
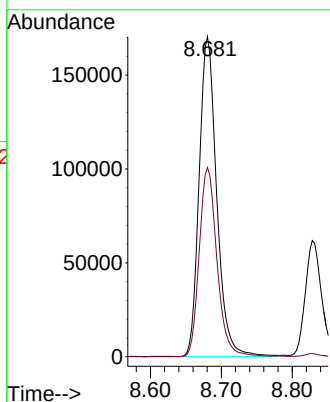
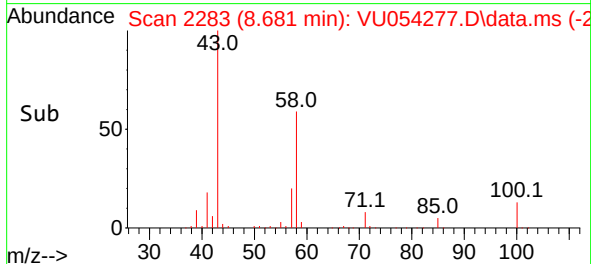
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 43 Resp: 292790
Ion Ratio Lower Upper
43 100
58 59.8 30.3 90.8

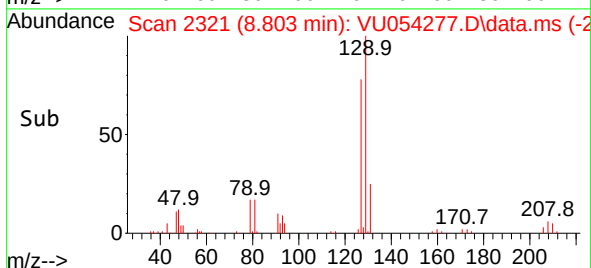
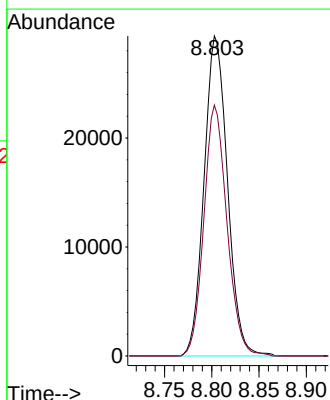
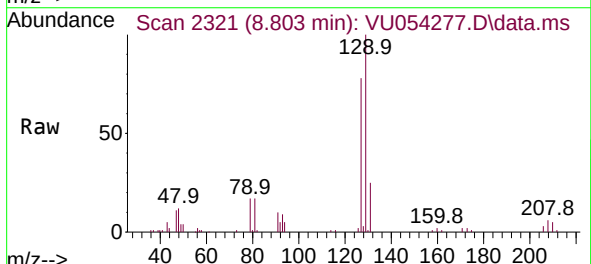
Manual Integrations
APPROVED

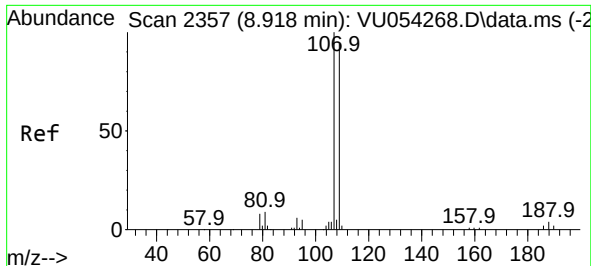
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

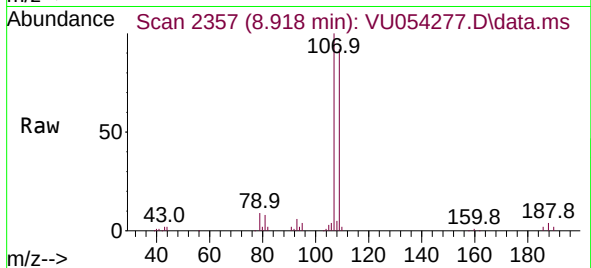
Tgt Ion:129 Resp: 50648
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.010 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

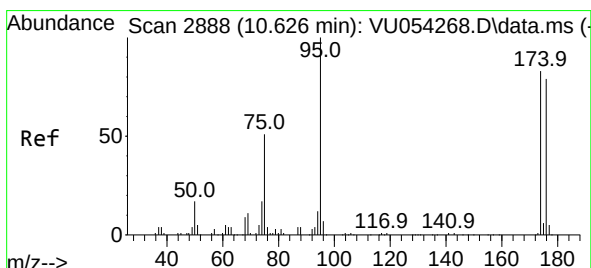
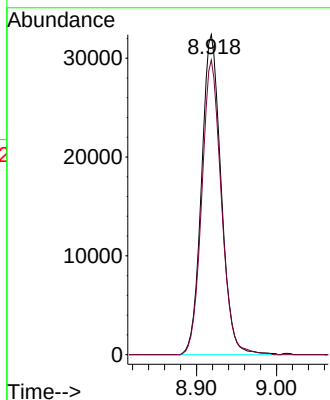
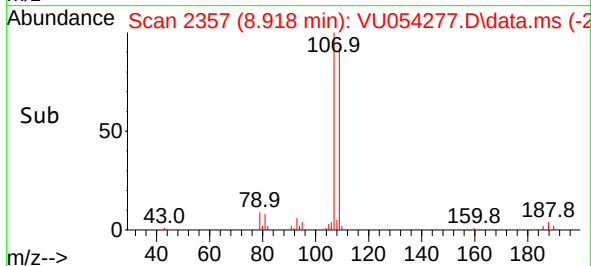
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



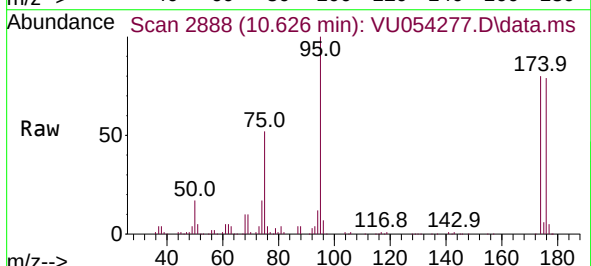
Tgt Ion:107 Resp: 5525
Ion Ratio Lower Upper
107 100
109 92.0 75.1 112.7

Manual Integrations
APPROVED

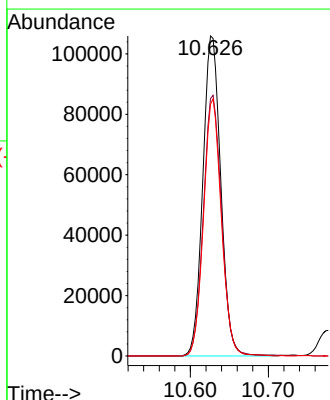
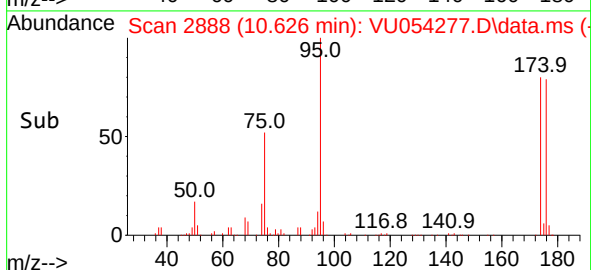
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

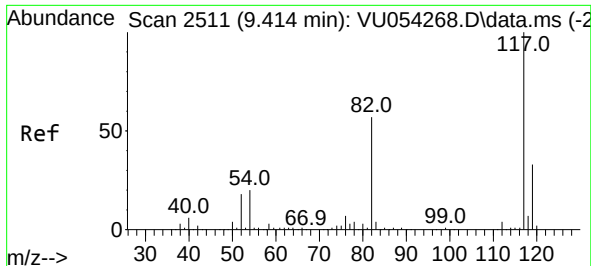


#62
4-Bromofluorobenzene
Concen: 51.038 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



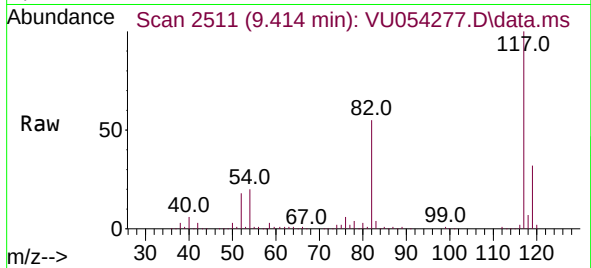
Tgt Ion: 95 Resp: 169818
Ion Ratio Lower Upper
95 100
174 82.3 0.0 182.0
176 79.7 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

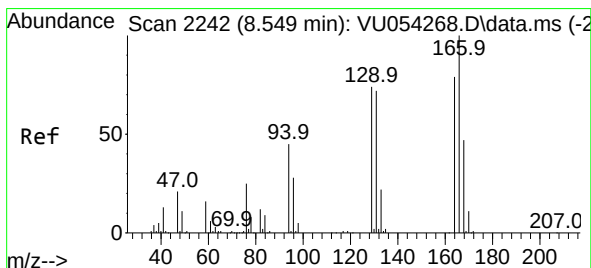
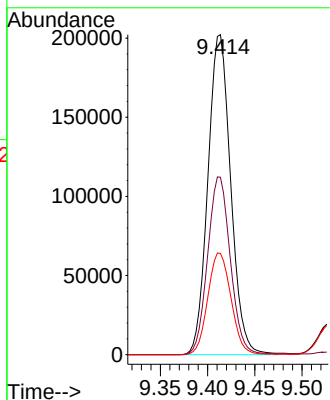
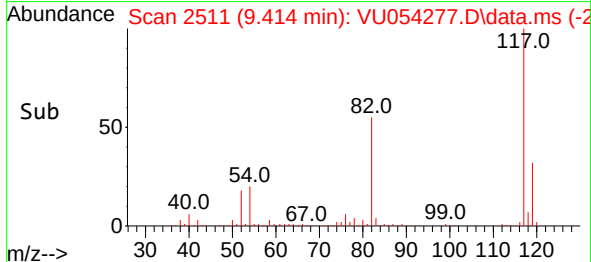
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion:117 Resp: 33947
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 31.6 25.7 38.5

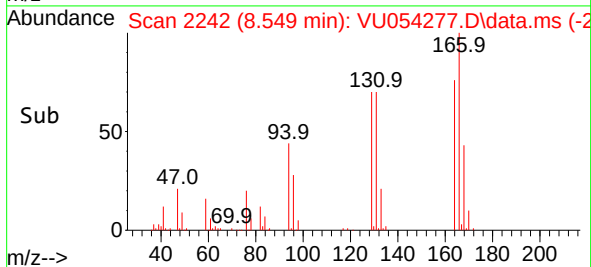
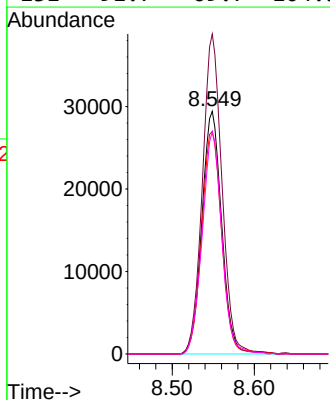
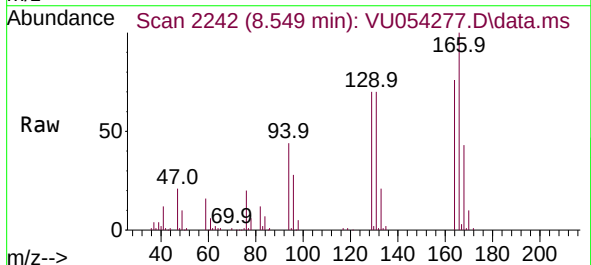
Manual Integrations
APPROVED

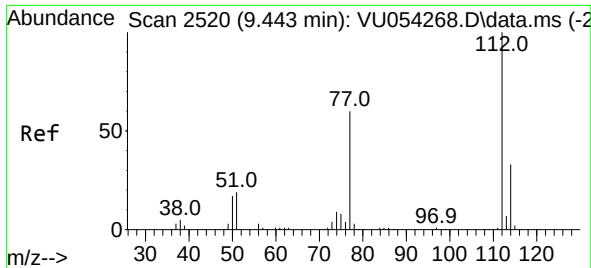
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#64
Tetrachloroethene
Concen: 19.351 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:164 Resp: 49442
Ion Ratio Lower Upper
164 100
166 131.8 100.0 150.0
129 91.6 72.0 108.0
131 91.7 69.7 104.5





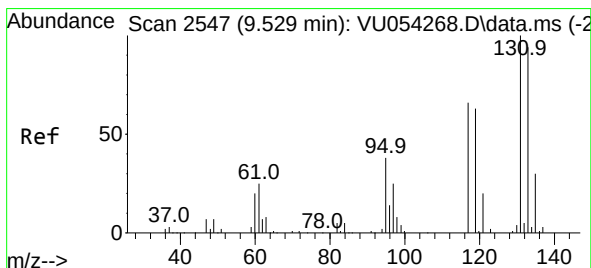
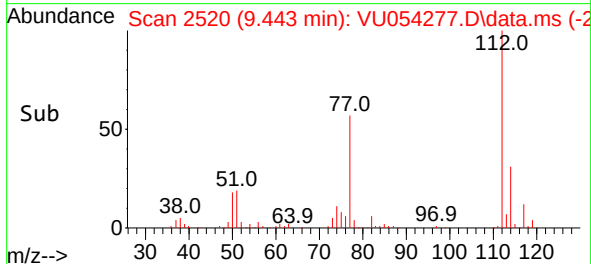
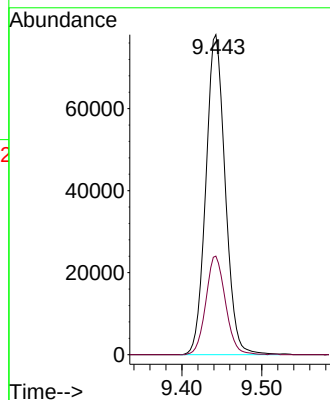
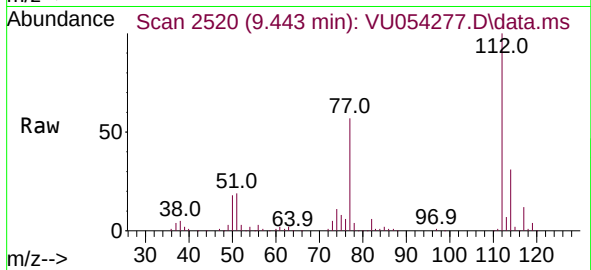
#65
Chlorobenzene
Concen: 18.514 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion:112 Resp: 13139
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3

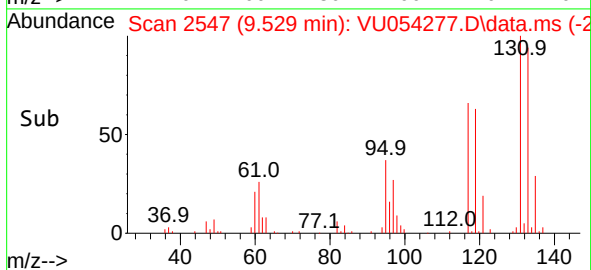
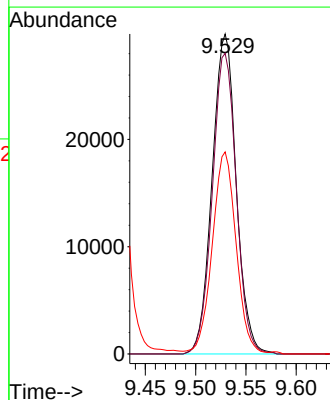
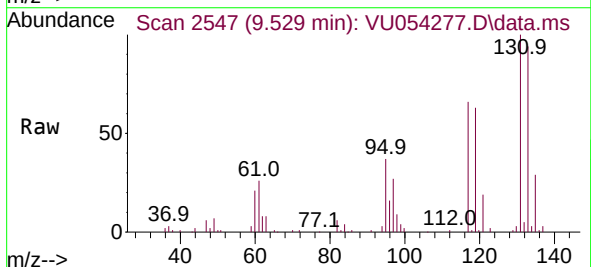
Manual Integrations
APPROVED

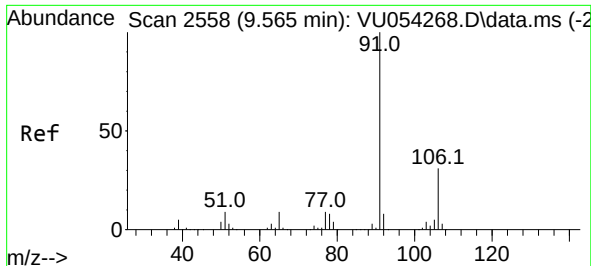
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:131 Resp: 49733
Ion Ratio Lower Upper
131 100
133 93.3 48.4 145.0
119 61.5 33.9 101.6





#67

Ethyl Benzene

Concen: 18.701 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion: 91 Resp: 226900

Ion Ratio Lower Upper

91 100

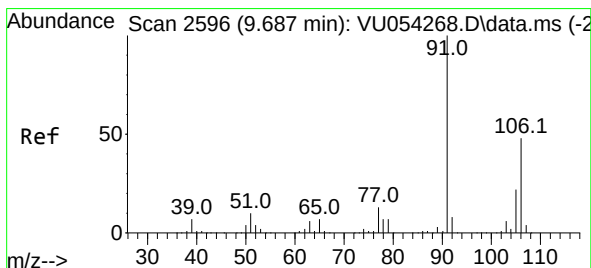
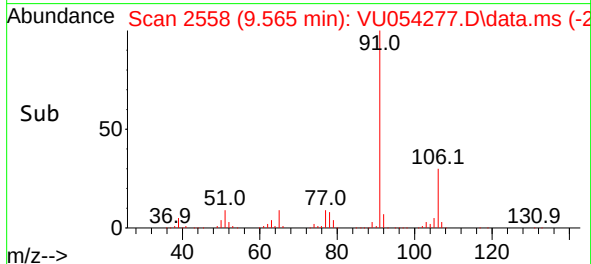
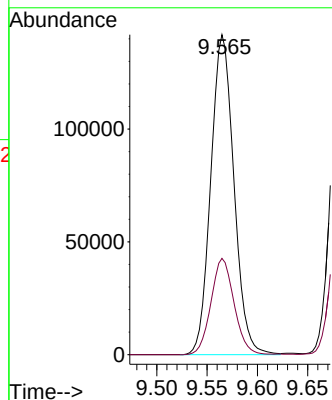
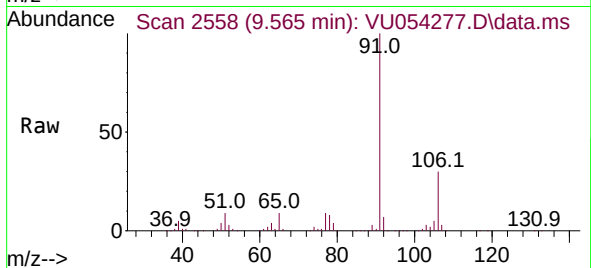
106 30.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#68

m/p-Xylenes

Concen: 38.686 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. -0.000 min

Lab File: VU054277.D

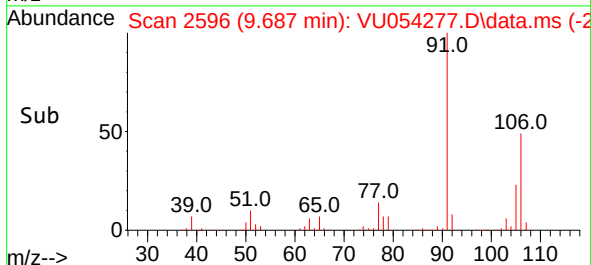
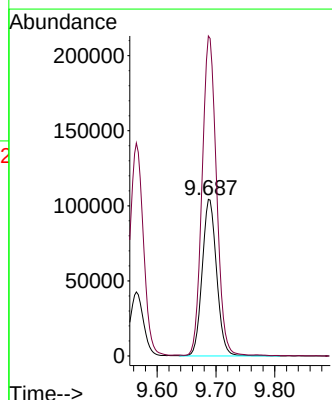
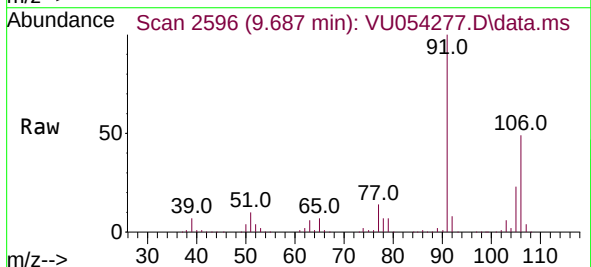
Acq: 26 May 2023 11:53

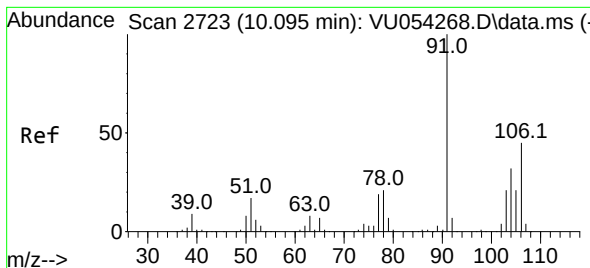
Tgt Ion:106 Resp: 177919

Ion Ratio Lower Upper

106 100

91 202.8 157.2 235.8





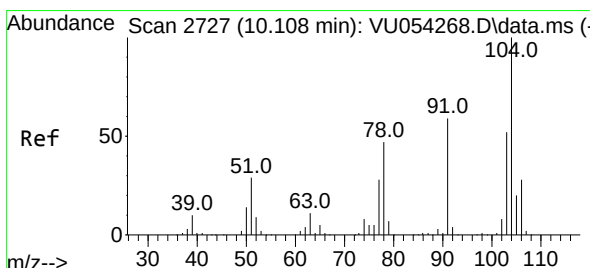
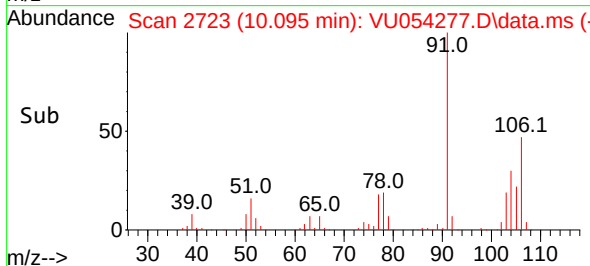
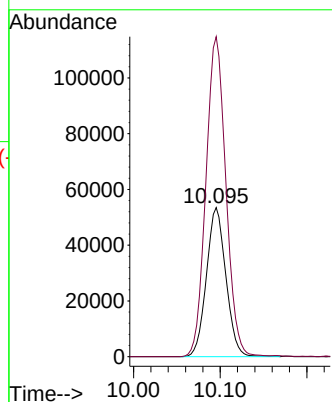
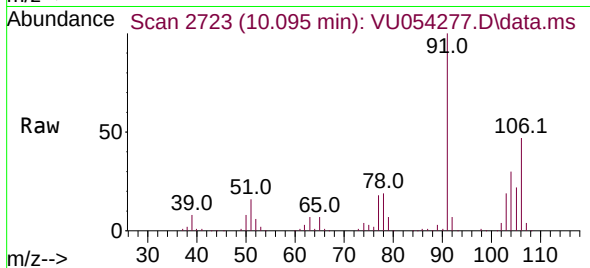
#69
o-Xylene
Concen: 18.777 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion:106 Resp: 83590
Ion Ratio Lower Upper
106 100
91 220.1 103.5 310.5

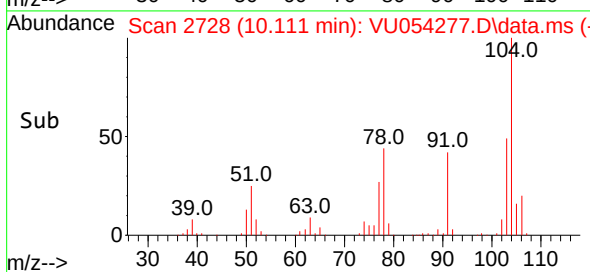
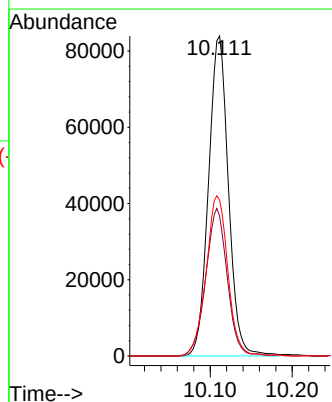
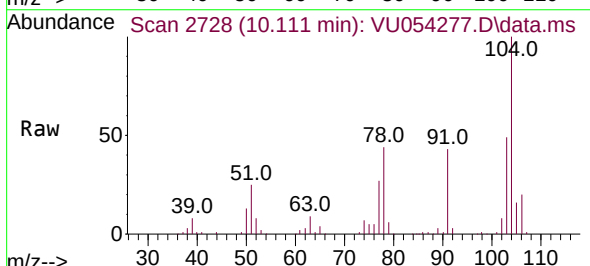
Manual Integrations
APPROVED

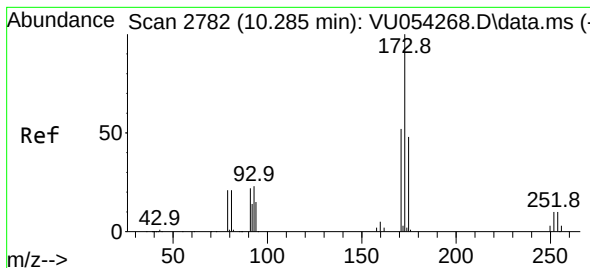
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#70
Styrene
Concen: 19.165 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:104 Resp: 141494
Ion Ratio Lower Upper
104 100
78 49.7 38.0 57.0
103 54.7 43.9 65.9





#71

Bromoform

Concen: 18.357 ug/l

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion:173 Resp: 41070

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.2

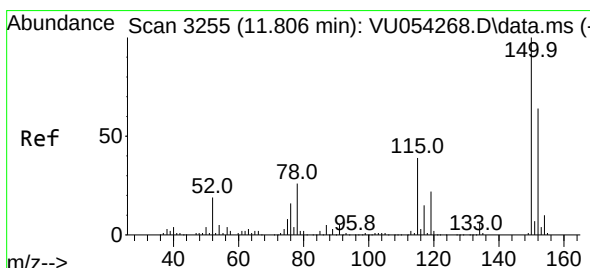
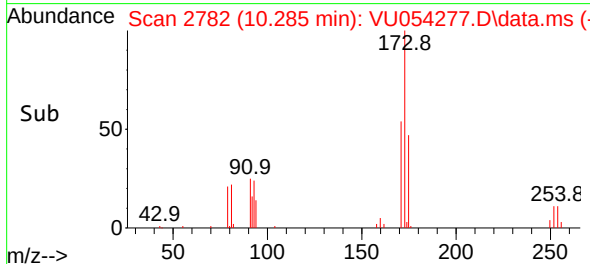
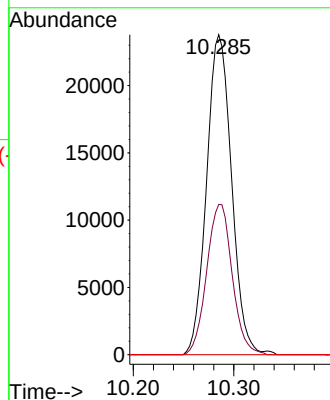
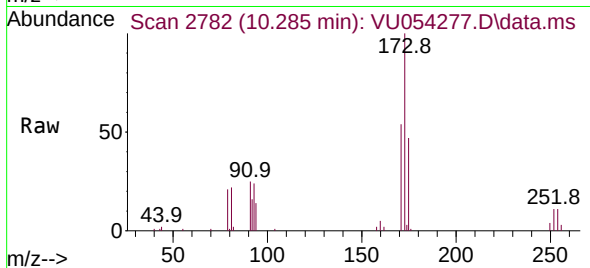
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

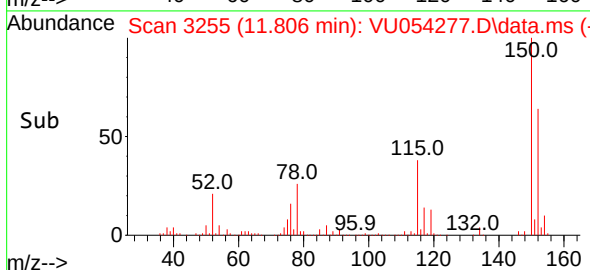
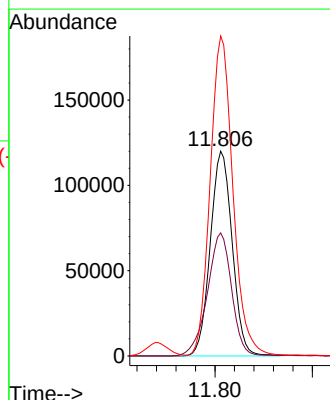
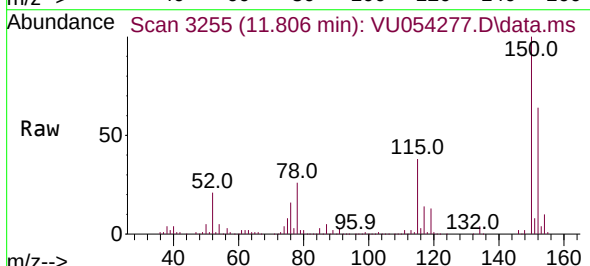
Tgt Ion:152 Resp: 187656

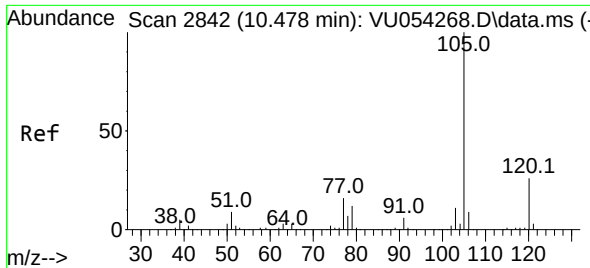
Ion Ratio Lower Upper

152 100

115 66.3 37.0 110.9

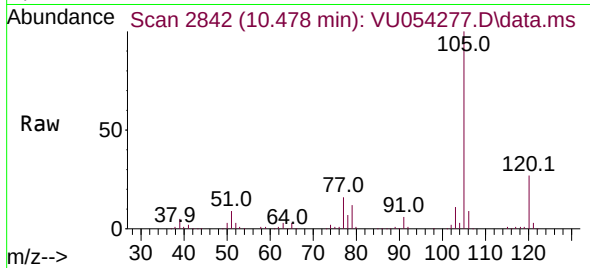
150 161.3 0.0 342.2





#73
Isopropylbenzene
Concen: 19.100 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

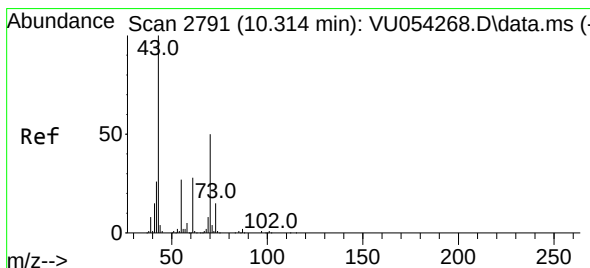
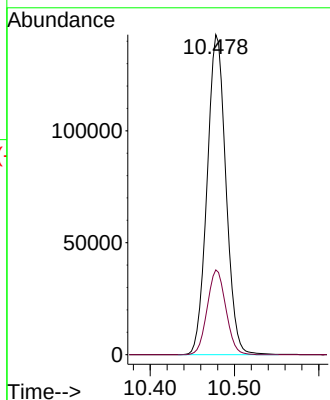
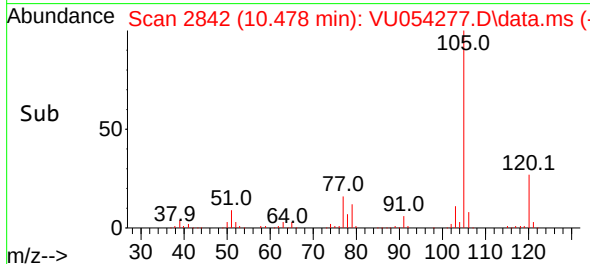
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion:105 Resp: 221980
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4

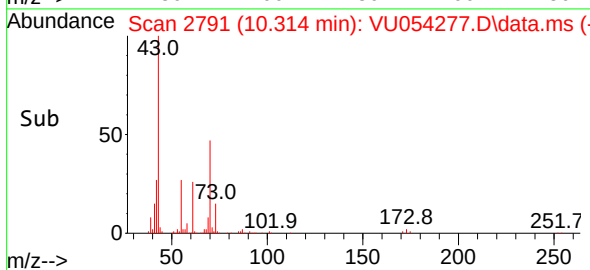
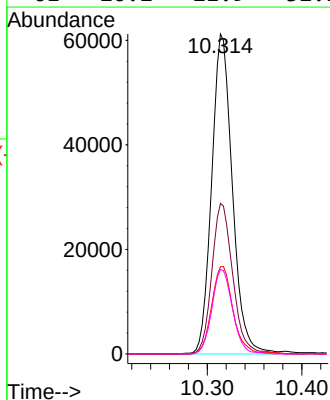
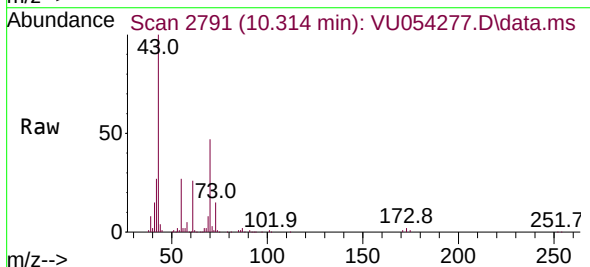
Manual Integrations
APPROVED

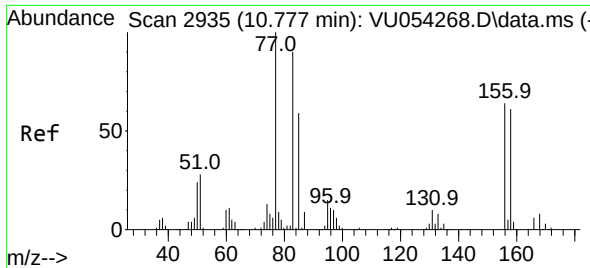
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#74
N-ethyl acetate
Concen: 18.875 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 43 Resp: 93141
Ion Ratio Lower Upper
43 100
70 47.6 38.7 58.1
55 28.3 21.8 32.8
61 26.2 21.9 32.9





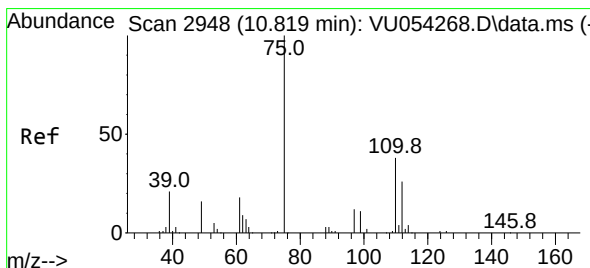
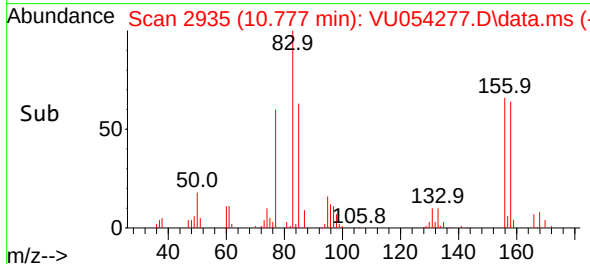
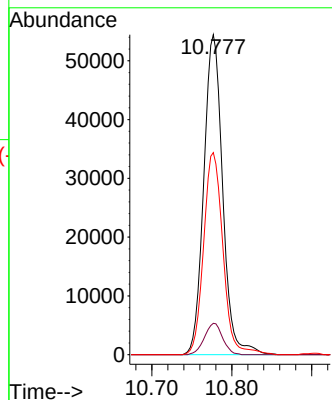
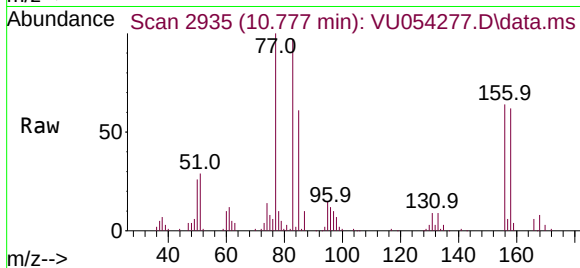
#75
1,1,2,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 83 Resp: 8965
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 64.5 32.2 96.6

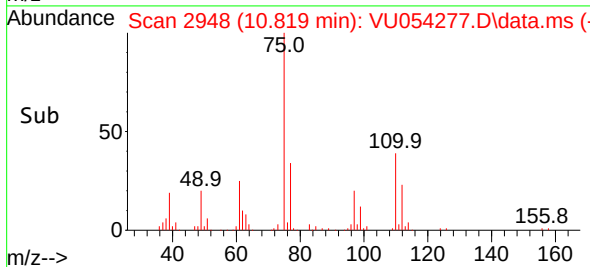
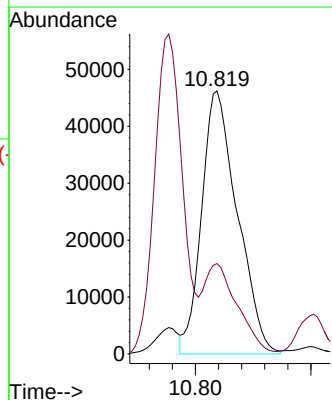
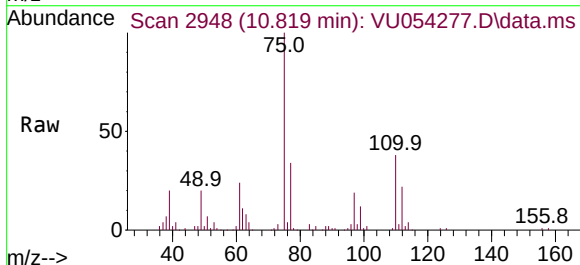
Manual Integrations
APPROVED

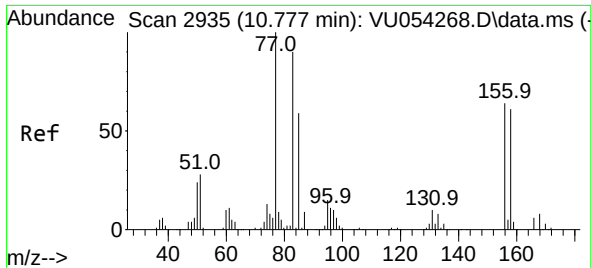
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#76
1,2,3-Trichloropropane
Concen: 18.137 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 75 Resp: 99336
Ion Ratio Lower Upper
75 100
77 32.1 15.8 47.3





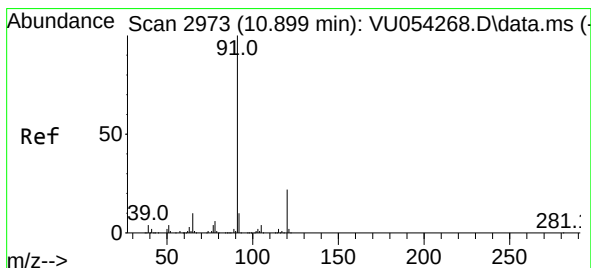
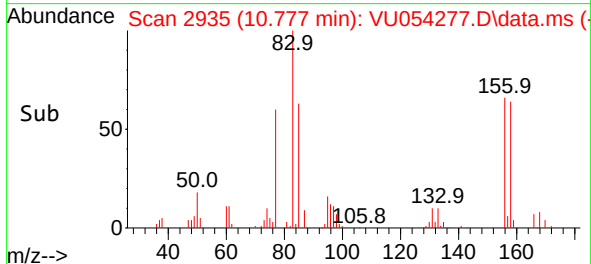
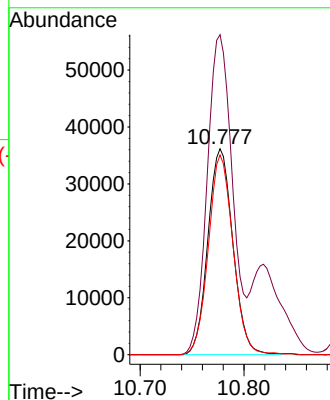
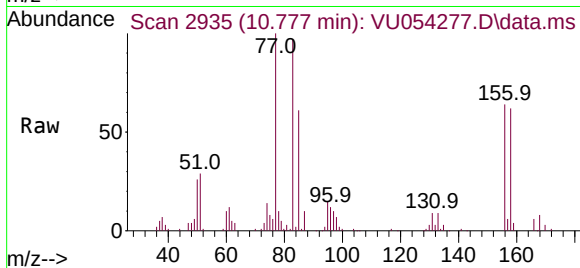
#77
Bromobenzene
Concen: 18.929 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion:156 Resp: 60412
Ion Ratio Lower Upper
156 100
77 157.3 71.9 215.6
158 95.8 48.9 146.8

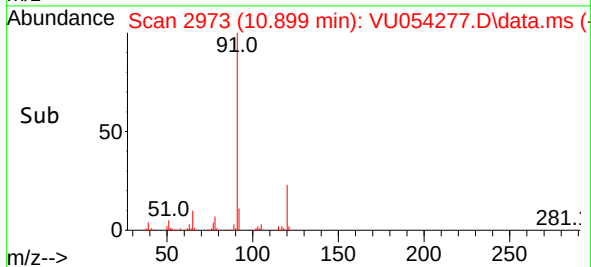
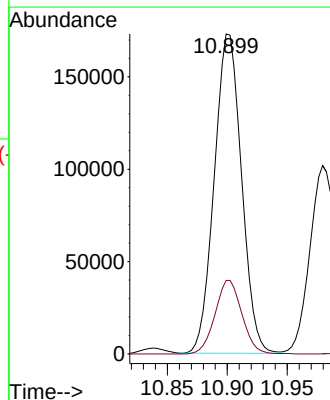
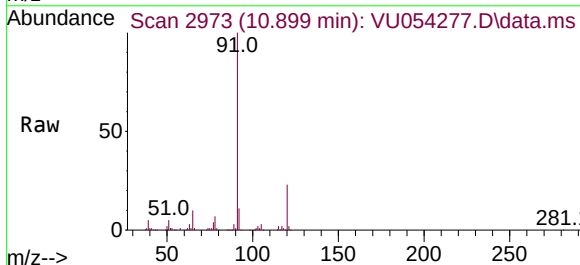
Manual Integrations
APPROVED

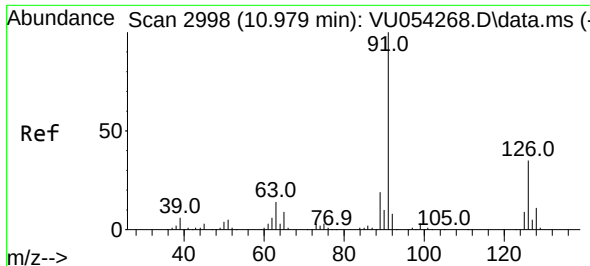
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#78
n-propylbenzene
Concen: 19.161 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion: 91 Resp: 272786
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





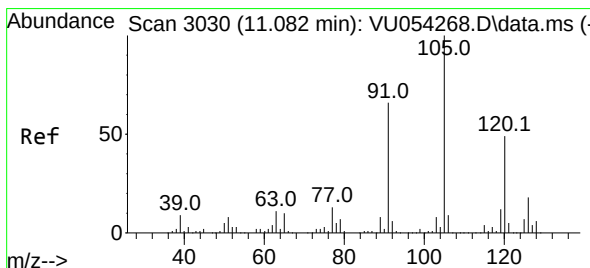
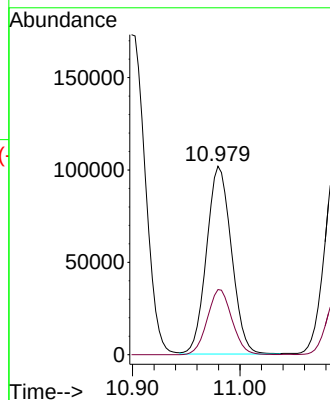
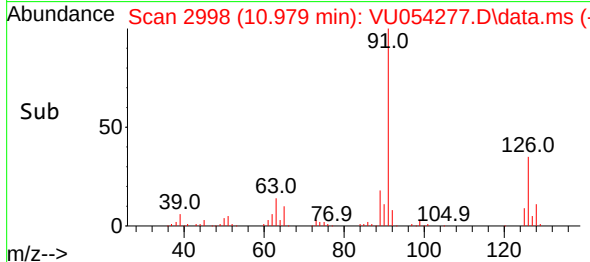
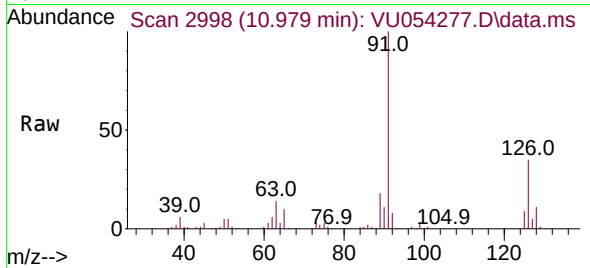
#79
2-Chlorotoluene
Concen: 19.005 ug/l
RT: 10.979 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 91 Resp: 163808
Ion Ratio Lower Upper
91 100
126 34.3 18.4 55.0

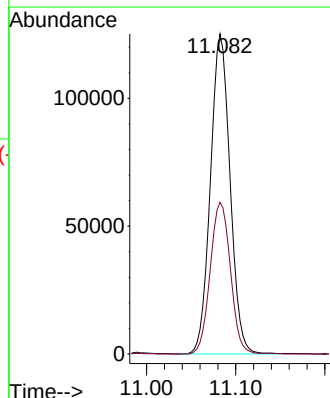
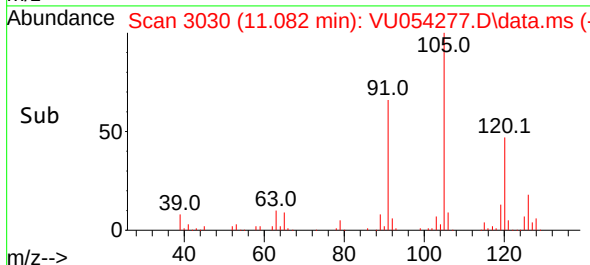
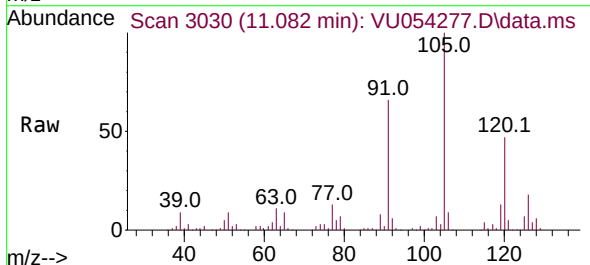
Manual Integrations
APPROVED

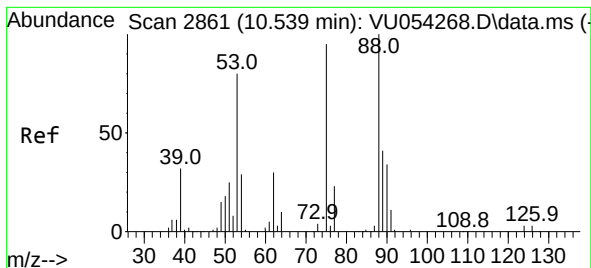
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.369 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:105 Resp: 191431
Ion Ratio Lower Upper
105 100
120 48.9 25.3 75.9





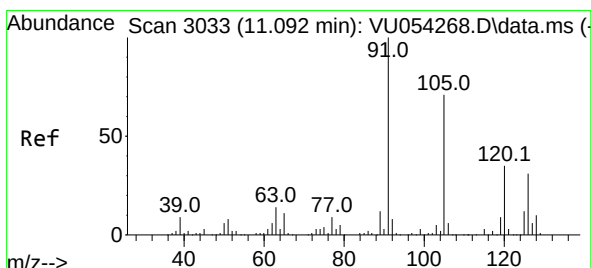
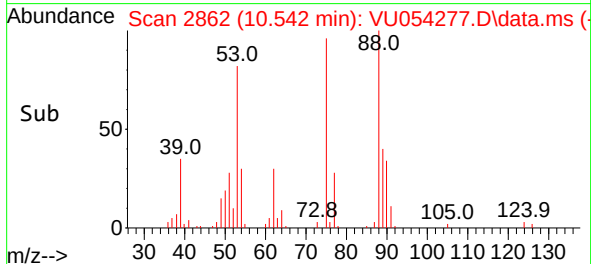
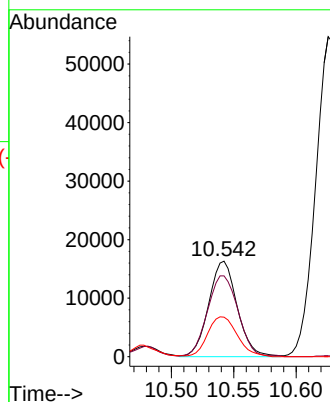
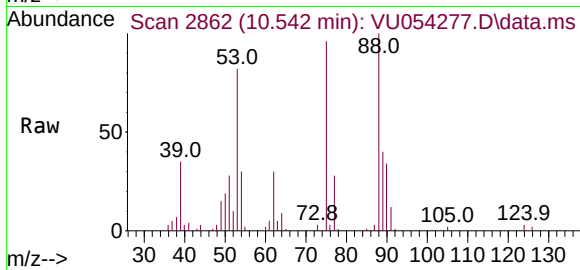
#81
trans-1,4-Dichloro-2-butene
Concen: 18.075 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01

Tgt Ion: 75 Resp: 2599
Ion Ratio Lower Upper
75 100
53 91.2 69.2 103.8
89 43.4 37.0 55.6

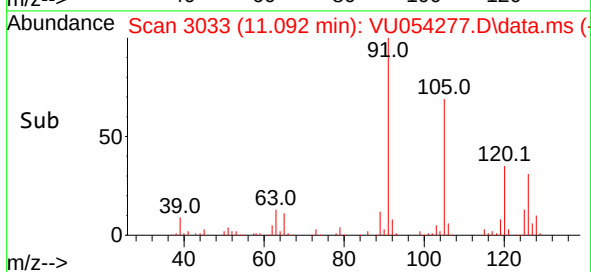
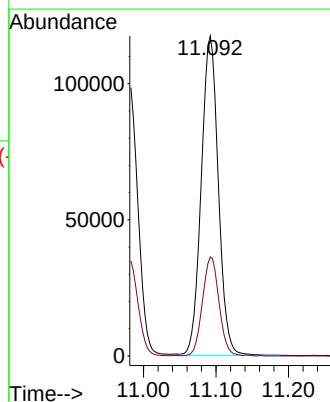
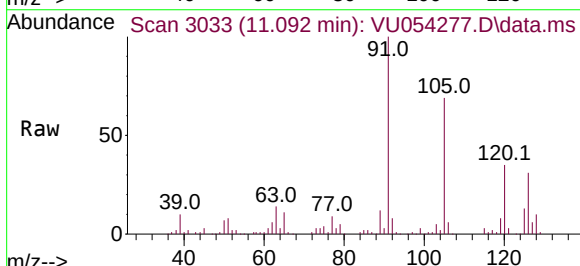
Manual Integrations
APPROVED

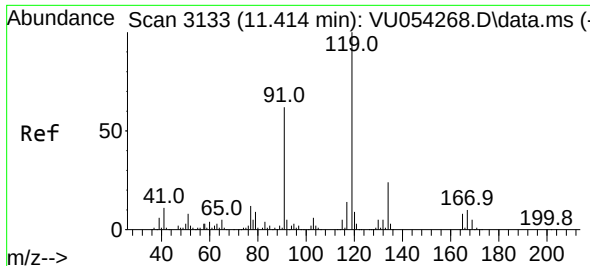
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#82
4-Chlorotoluene
Concen: 18.982 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

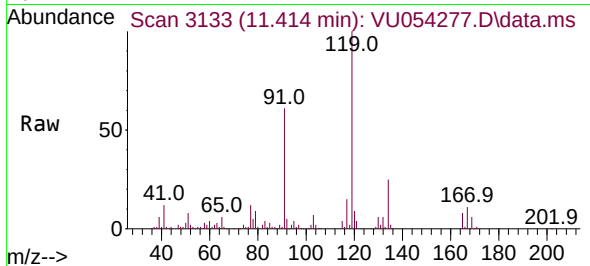
Tgt Ion: 91 Resp: 191965
Ion Ratio Lower Upper
91 100
126 29.7 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.627 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

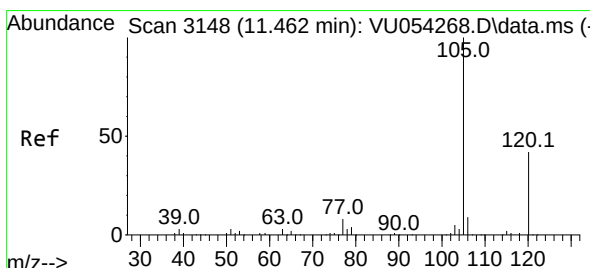
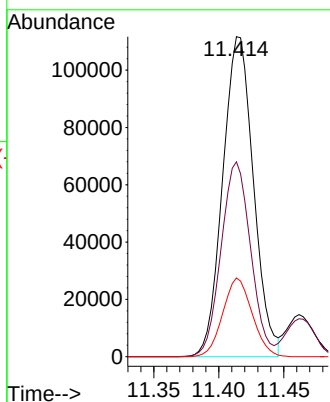
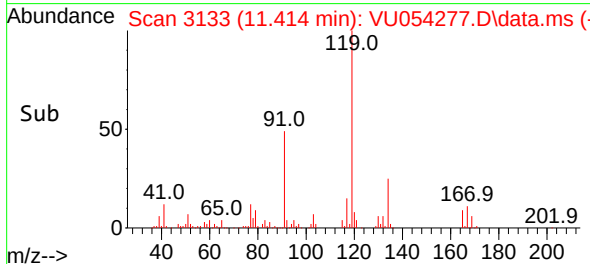
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



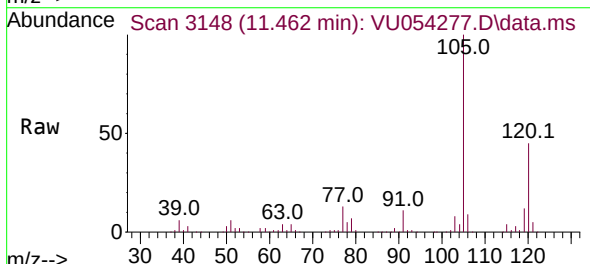
Tgt Ion:119 Resp: 18409
Ion Ratio Lower Upper
119 100
91 58.6 26.8 80.3
134 23.5 11.5 34.5

Manual Integrations
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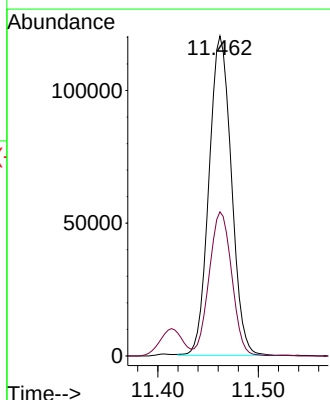
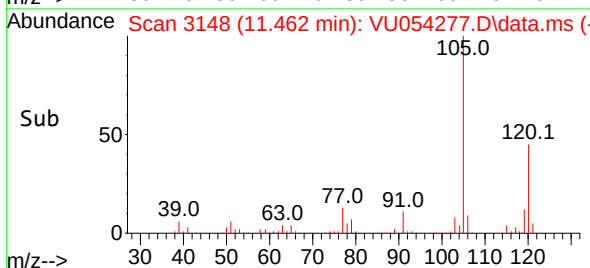
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

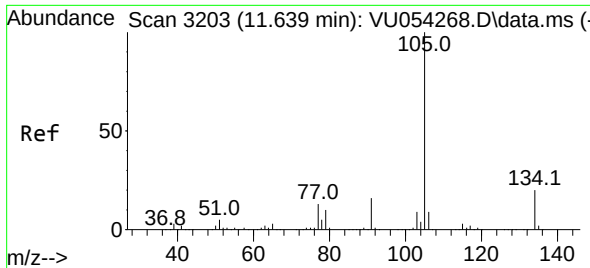


#84
1,2,4-Trimethylbenzene
Concen: 18.923 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53



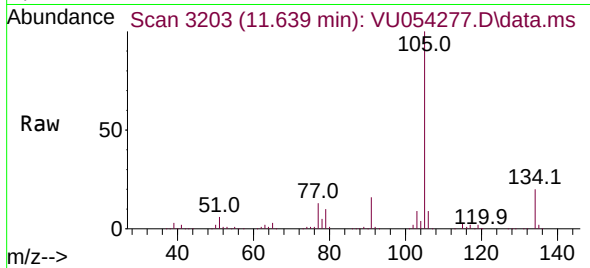
Tgt Ion:105 Resp: 186063
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 18.957 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. -0.000 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

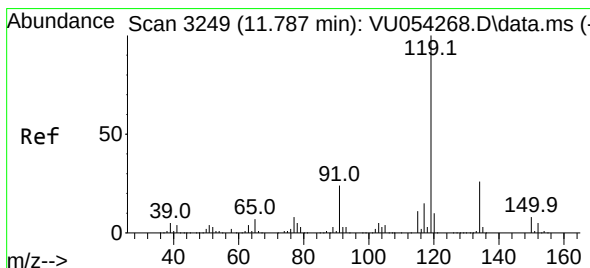
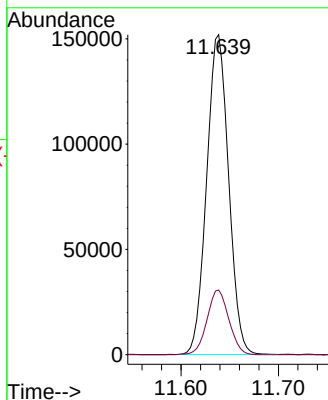
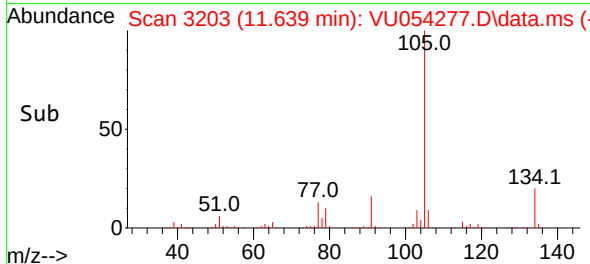
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBSD01



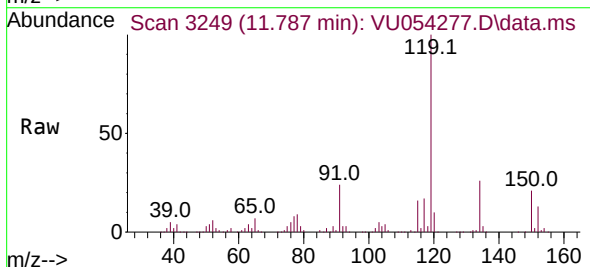
Tgt Ion:105 Resp: 23773
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations
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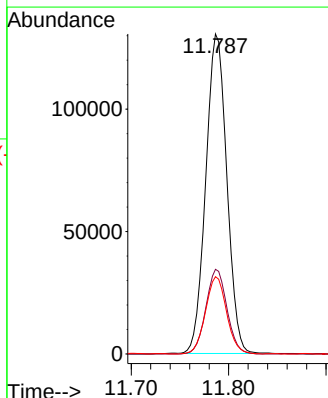
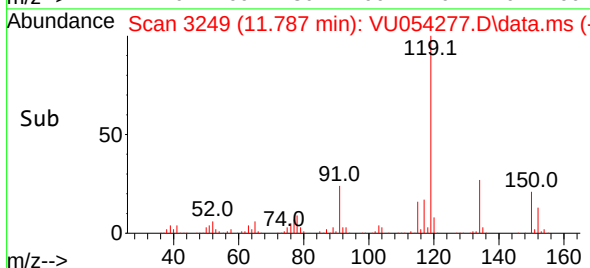
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

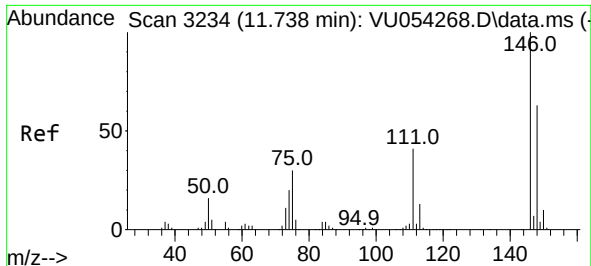


#86
 p-Isopropyltoluene
 Concen: 18.586 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.001 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53



Tgt Ion:119 Resp: 196042
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 24.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.252 ug/l

RT: 11.741 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBSD01

Tgt Ion:146 Resp: 112789

Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.5

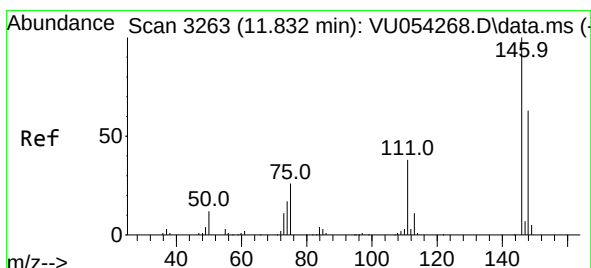
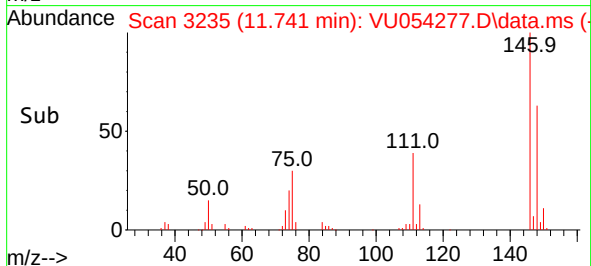
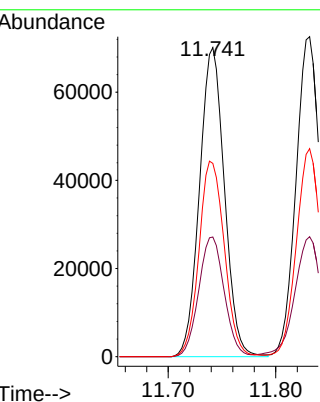
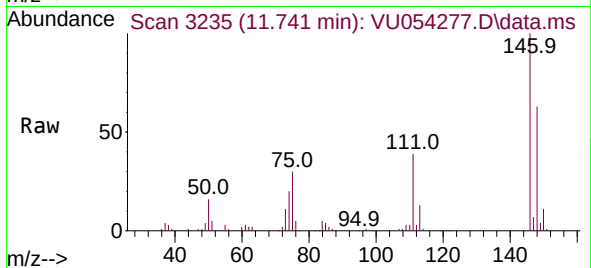
148 64.5 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#88

1,4-Dichlorobenzene

Concen: 18.034 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054277.D

Acq: 26 May 2023 11:53

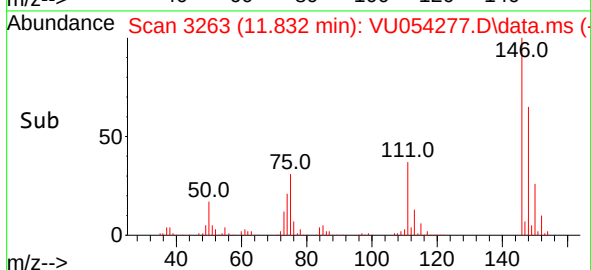
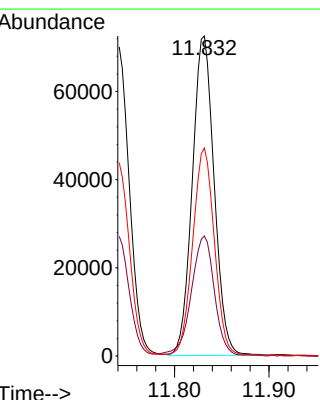
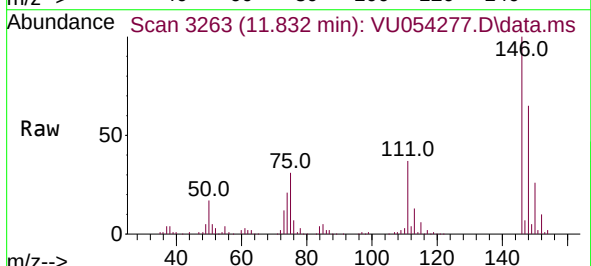
Tgt Ion:146 Resp: 116420

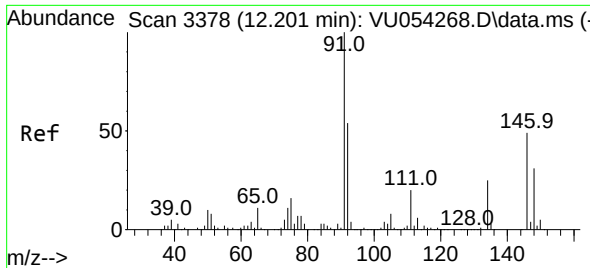
Ion Ratio Lower Upper

146 100

111 39.2 18.5 55.5

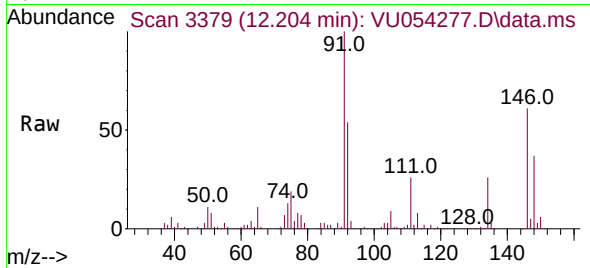
148 65.0 31.9 95.7





#89
n-Butylbenzene
Concen: 17.871 ug/l
RT: 12.204 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

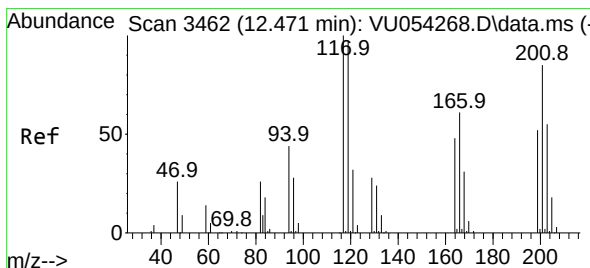
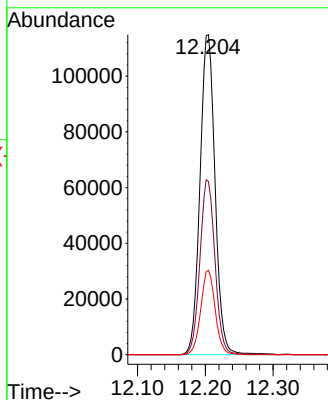
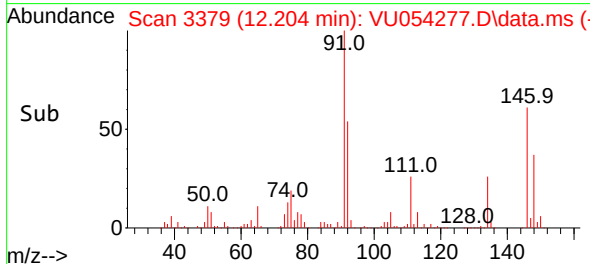
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion: 91 Resp: 177430
Ion Ratio Lower Upper
91 100
92 54.5 26.2 78.6
134 25.3 13.5 40.4

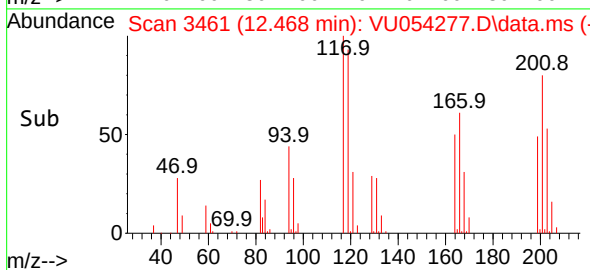
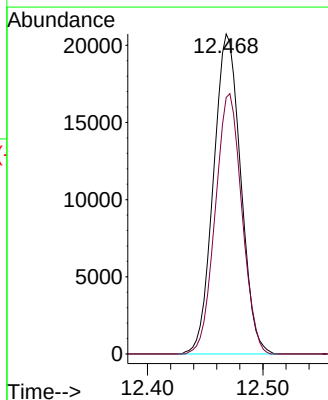
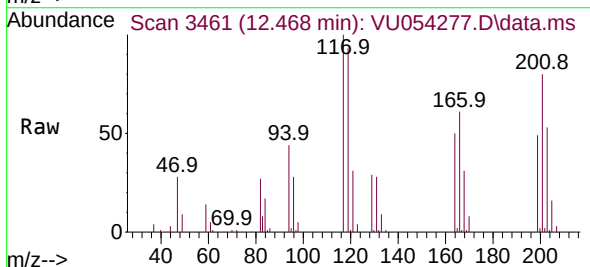
Manual Integrations
APPROVED

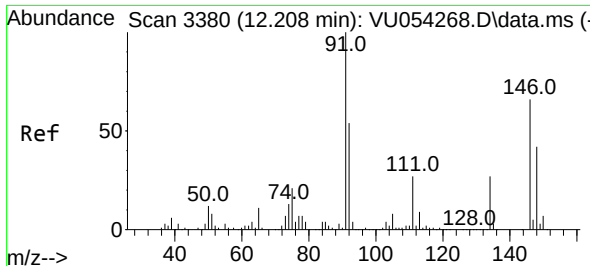
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#90
Hexachloroethane
Concen: 18.173 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

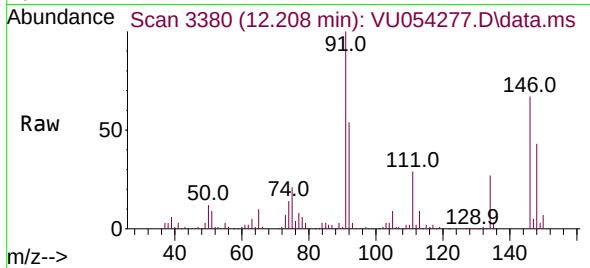
Tgt Ion:117 Resp: 33911
Ion Ratio Lower Upper
117 100
201 79.8 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 18.678 ug/l
RT: 12.208 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

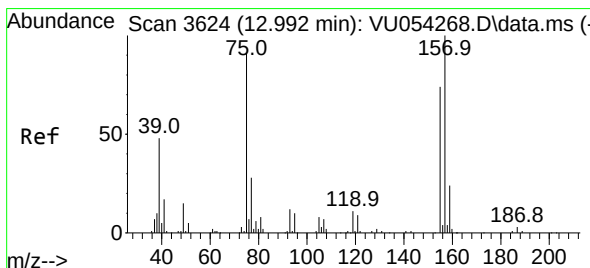
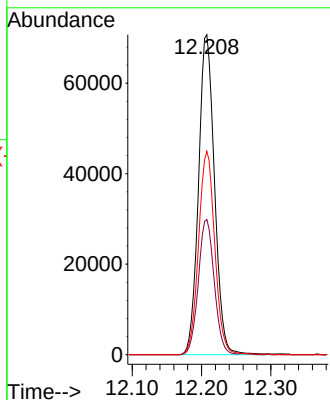
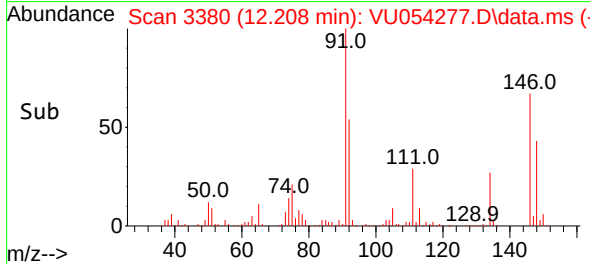
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion:146 Resp: 11354
Ion Ratio Lower Upper
146 100
111 42.0 19.9 59.6
148 64.4 32.1 96.5

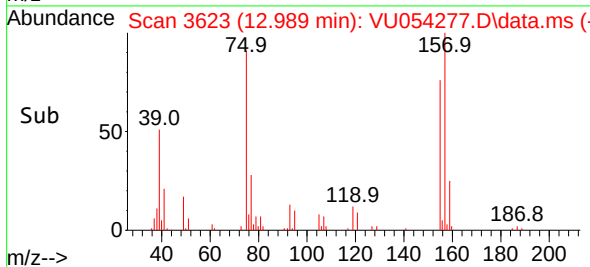
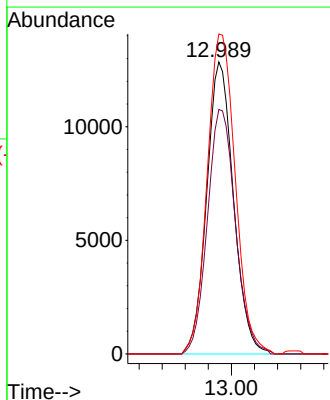
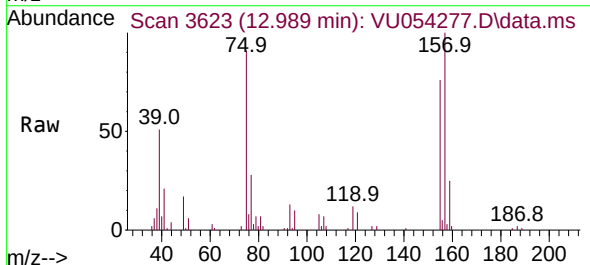
Manual Integrations
APPROVED

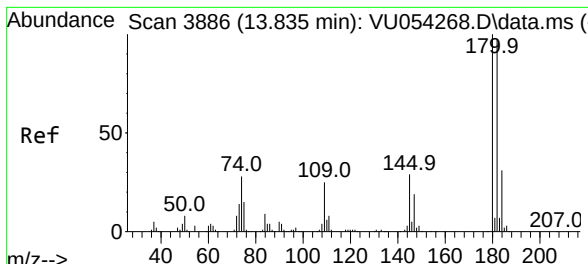
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.294 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

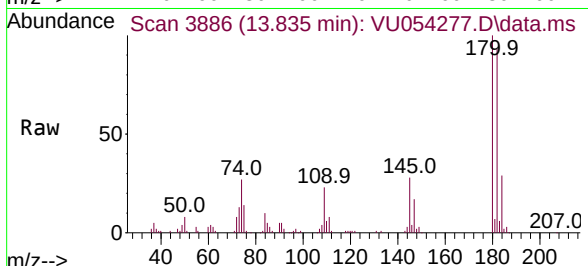
Tgt Ion: 75 Resp: 20692
Ion Ratio Lower Upper
75 100
155 87.4 47.8 143.4
157 115.0 62.2 186.5





#93
 1,2,4-Trichlorobenzene
 Concen: 18.988 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

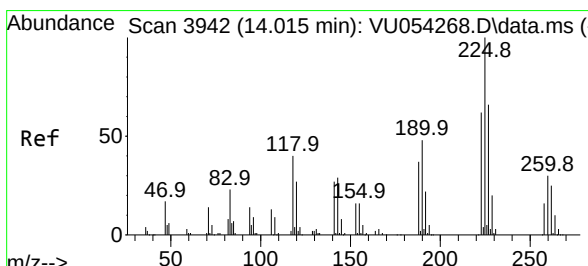
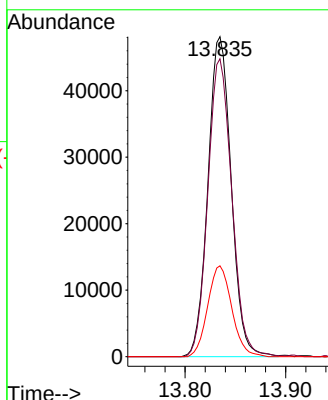
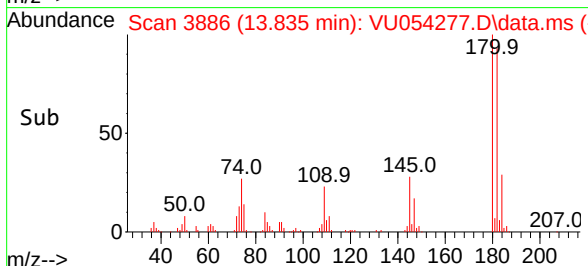
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBSD01



Tgt Ion:180 Resp: 77409
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 29.3 14.0 41.9

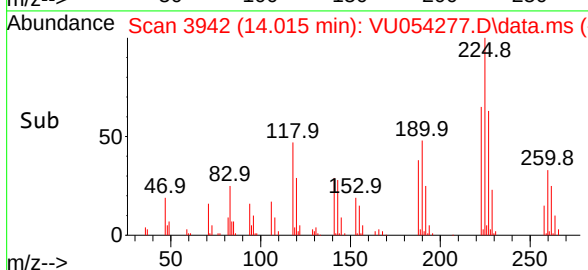
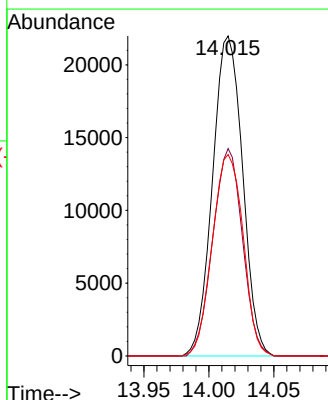
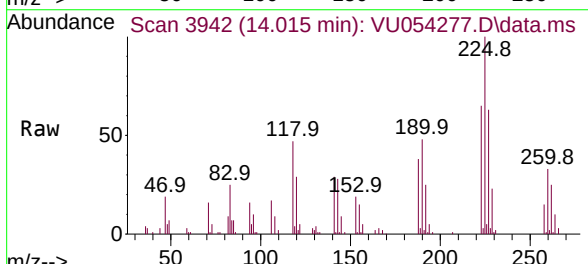
Manual Integrations
 APPROVED

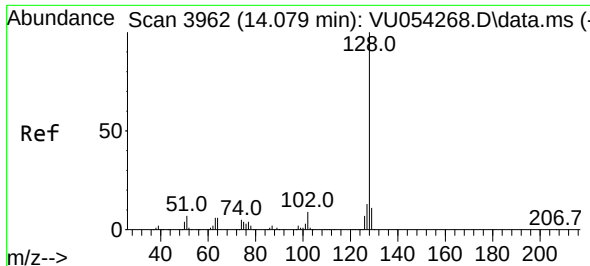
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#94
 Hexachlorobutadiene
 Concen: 18.195 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054277.D
 Acq: 26 May 2023 11:53

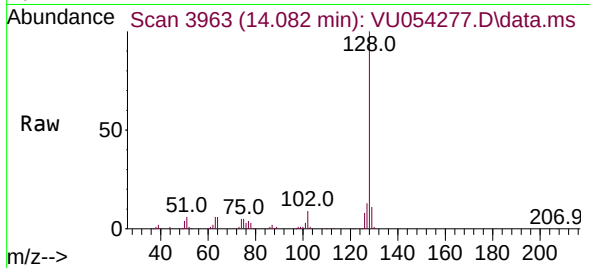
Tgt Ion:225 Resp: 35336
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.9
 227 64.6 32.0 96.2





#95
Naphthalene
Concen: 18.527 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

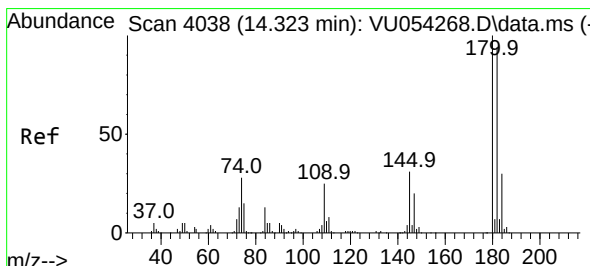
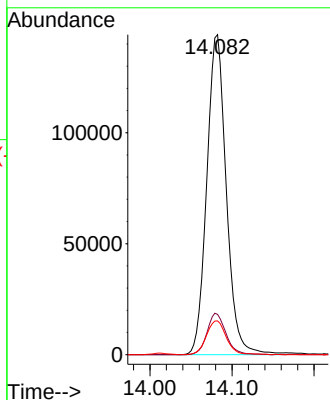
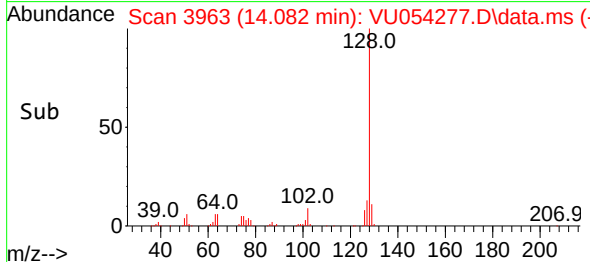
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBSD01



Tgt Ion:128 Resp: 239035
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.168 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054277.D
Acq: 26 May 2023 11:53

Tgt Ion:180 Resp: 78580
Ion Ratio Lower Upper
180 100
182 94.4 48.4 145.0
145 30.6 14.8 44.4

