

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054298.D
 Acq On : 26 May 2023 20:10
 Operator : JC/MD
 Sample : 02936-09MS 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS

Quant Time: May 30 00:06:41 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	203529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	331651	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	316267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	178738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	141049	52.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.740%			
35) Dibromofluoromethane	5.282	113	114521	53.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.240%			
50) Toluene-d8	7.893	98	423363	52.114	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.220%			
62) 4-Bromofluorobenzene	10.626	95	156849	49.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	117936	51.907	ug/l	100
3) Chloromethane	1.517	50	147227	49.488	ug/l	99
4) Vinyl Chloride	1.604	62	150601	53.055	ug/l	98
5) Bromomethane	1.845	94	68645	43.687	ug/l	97
6) Chloroethane	1.925	64	88122	64.374	ug/l	97
7) Trichlorofluoromethane	2.131	101	193438	49.534	ug/l	96
8) Diethyl Ether	2.372	74	74599	51.601	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.575	101	107729	50.951	ug/l	97
10) Methyl Iodide	2.720	142	123137	48.682	ug/l	96
11) Tert butyl alcohol	3.186	59	148160m	205.579	ug/l	
12) 1,1-Dichloroethene	2.575	96	105712	48.287	ug/l	92
13) Acrolein	2.482	56	157606	210.212	ug/l	99
14) Allyl chloride	2.919	41	182254	48.013	ug/l	90
15) Acrylonitrile	3.305	53	361580	223.769	ug/l	99
16) Acetone	2.623	43	271793	177.718	ug/l	98
17) Carbon Disulfide	2.787	76	304664	47.089	ug/l	100
18) Methyl Acetate	2.941	43	251372	45.016	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	357179	49.842	ug/l	97
20) Methylene Chloride	3.041	84	129245	46.844	ug/l	91
21) trans-1,2-Dichloroethene	3.347	96	116589	49.743	ug/l	98
22) Diisopropyl ether	3.986	45	359757	53.473	ug/l #	70
23) Vinyl Acetate	3.948	43	1285456	261.842	ug/l	98
24) 1,1-Dichloroethane	3.861	63	222201	51.579	ug/l	99
25) 2-Butanone	4.694	43	436038	215.342	ug/l	97
26) 2,2-Dichloropropane	4.655	77	170249	45.221	ug/l	99
27) cis-1,2-Dichloroethene	4.658	96	180158	69.096	ug/l	98
28) Bromochloromethane	4.964	49	110330	55.344	ug/l	85
29) Tetrahydrofuran	5.044	42	288278	226.493	ug/l	93
30) Chloroform	5.080	83	222380	50.781	ug/l	99
31) Cyclohexane	5.382	56	181357	48.139	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	194071	51.046	ug/l	99
36) 1,1-Dichloropropene	5.520	75	157865	47.060	ug/l	98
37) Ethyl Acetate	4.797	43	169491	41.458	ug/l #	93
38) Carbon Tetrachloride	5.517	117	169018	49.226	ug/l	97
39) Methylcyclohexane	6.758	83	184129	48.460	ug/l	93
40) Benzene	5.768	78	480999	50.269	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	91407	48.377	ug/l	92
42) 1,2-Dichloroethane	5.787	62	168760	48.551	ug/l	98
43) Isopropyl Acetate	5.903	43	264323	46.873	ug/l	98
44) Trichloroethene	6.536	130	353786	132.268	ug/l	95
45) 1,2-Dichloropropane	6.784	63	127189	50.954	ug/l	99
46) Dibromomethane	6.912	93	90153	49.065	ug/l	96
47) Bromodichloromethane	7.099	83	172334	50.153	ug/l	99
48) Methyl methacrylate	6.954	41	119181	47.657	ug/l	95
49) 1,4-Dioxane	6.973	88	64519	893.659	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	848274	225.411	ug/l	100
52) Toluene	7.964	92	294461	48.263	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	190257	48.396	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	199677	48.670	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	123790	48.958	ug/l	99
56) Ethyl methacrylate	8.327	69	183668	48.799	ug/l	96
57) 1,3-Dichloropropane	8.568	76	214371	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	34823	144.307	ug/l	98
59) 2-Hexanone	8.678	43	645615	217.176	ug/l	99
60) Dibromochloromethane	8.803	129	128966	50.202	ug/l	99
61) 1,2-Dibromoethane	8.919	107	133346	48.457	ug/l	99
64) Tetrachloroethene	8.549	164	122216	51.345	ug/l	98
65) Chlorobenzene	9.443	112	314930	47.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.526	131	121555	50.678	ug/l	96
67) Ethyl Benzene	9.565	91	555280	49.124	ug/l	97
68) m/p-Xylenes	9.687	106	430839	100.554	ug/l	93
69) o-Xylene	10.095	106	207565	50.044	ug/l	92
70) Styrene	10.108	104	354237	51.500	ug/l	99
71) Bromoform	10.285	173	99940	47.948	ug/l #	100
73) Isopropylbenzene	10.478	105	543980	49.142	ug/l	97
74) N-amyl acetate	10.314	43	216262	46.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	204148	45.578	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	227437	43.598	ug/l	97
77) Bromobenzene	10.777	156	142066	46.736	ug/l	92
78) n-propylbenzene	10.899	91	656747	48.432	ug/l	97
79) 2-Chlorotoluene	10.980	91	391729	47.716	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	466382	49.543	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	57380	41.885	ug/l	95
82) 4-Chlorotoluene	11.092	91	449359	46.650	ug/l	97
83) tert-Butylbenzene	11.414	119	446442	47.426	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	458194	48.924	ug/l	97
85) sec-Butylbenzene	11.639	105	572304	47.913	ug/l	99
86) p-Isopropyltoluene	11.787	119	481083	47.886	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	263096	44.701	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	267227	43.460	ug/l	98
89) n-Butylbenzene	12.201	91	413893	43.767	ug/l	98
90) Hexachloroethane	12.468	117	82270	46.289	ug/l	93
91) 1,2-Dichlorobenzene	12.205	146	264980	45.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	44955	44.008	ug/l	93
93) 1,2,4-Trichlorobenzene	13.835	180	178041	43.527	ug/l	99
94) Hexachlorobutadiene	14.015	225	83713	44.036	ug/l	98
95) Naphthalene	14.079	128	550940	42.006	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	181568	44.711	ug/l	99

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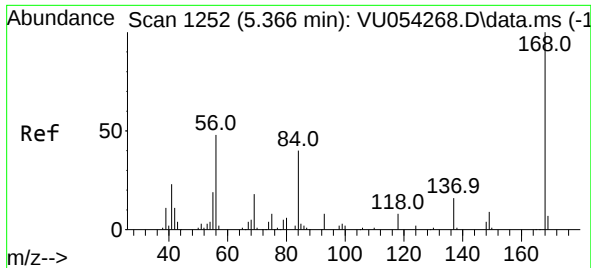
Manual Integrations
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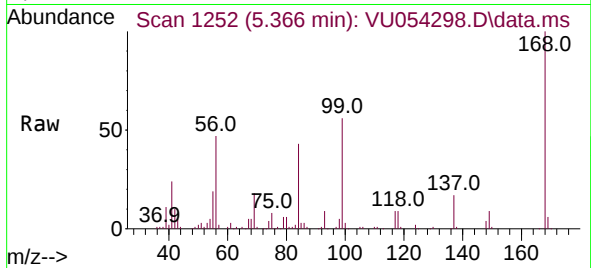
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054298.D
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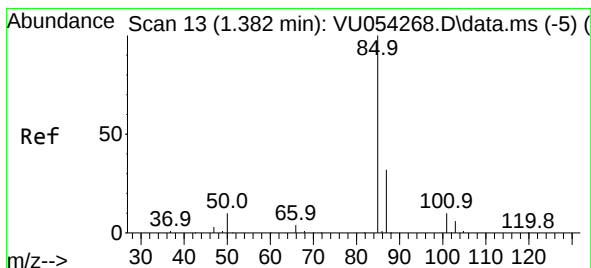
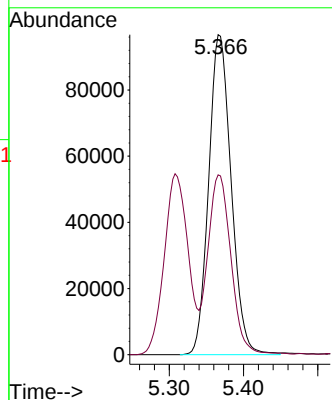
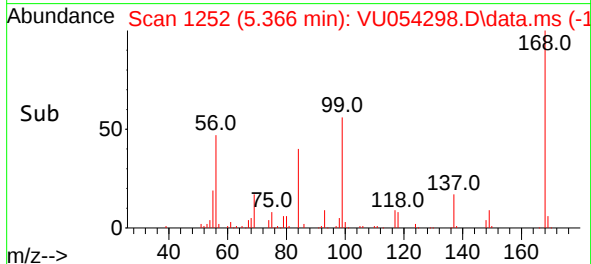
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:168 Resp: 203529
Ion Ratio Lower Upper
168 100
99 55.7 39.3 58.9

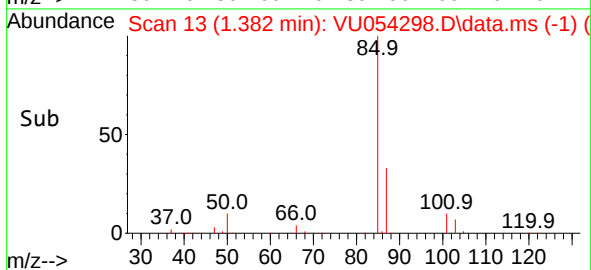
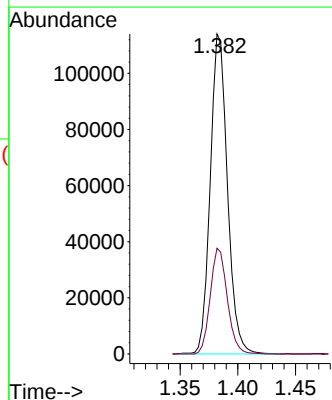
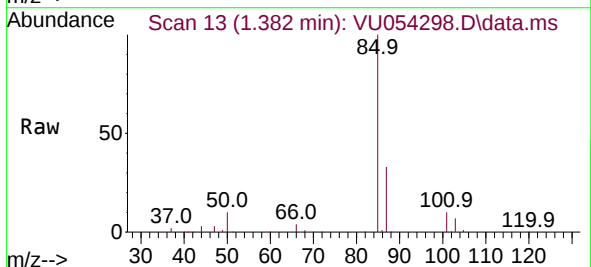
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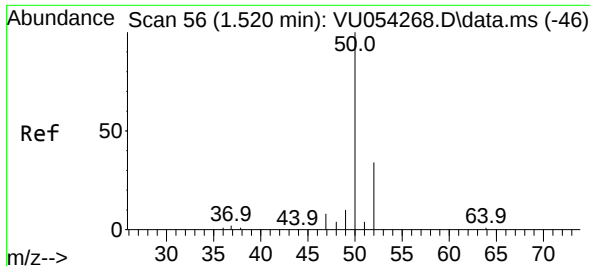
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#2
Dichlorodifluoromethane
Concen: 51.907 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 85 Resp: 117936
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2





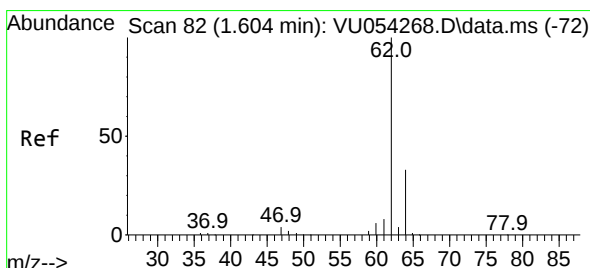
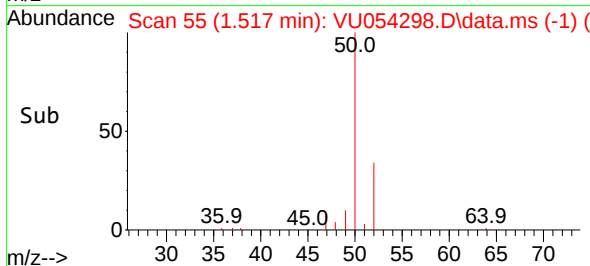
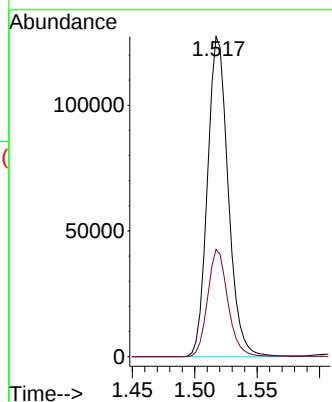
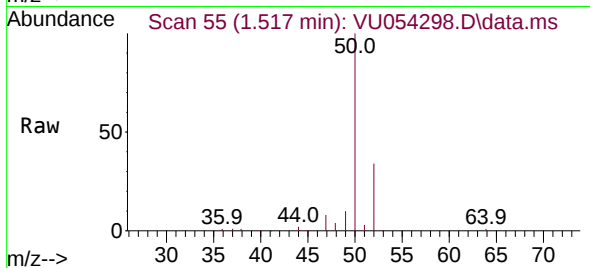
#3
Chloromethane
Concen: 49.488 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

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Tgt Ion: 50 Resp: 14722
Ion Ratio Lower Upper
50 100
52 33.5 27.4 41.2

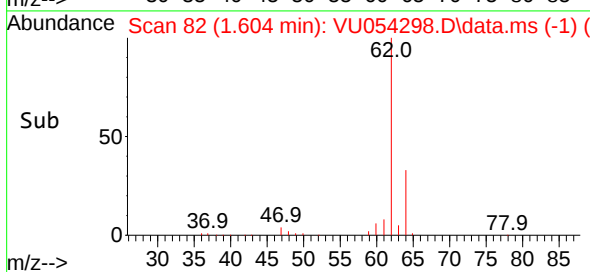
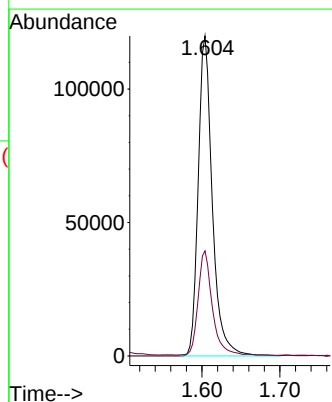
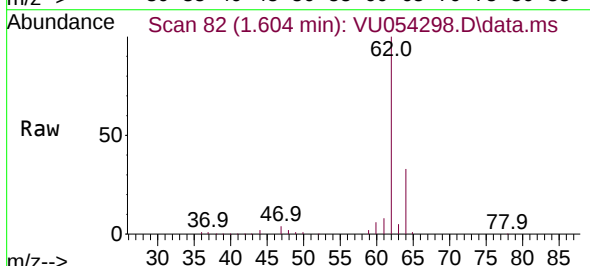
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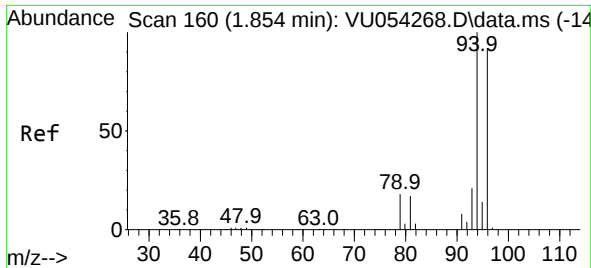
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#4
Vinyl Chloride
Concen: 53.055 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

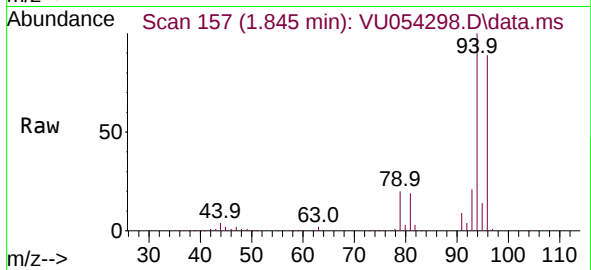
Tgt Ion: 62 Resp: 150601
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5
Bromomethane
Concen: 43.687 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU054298.D
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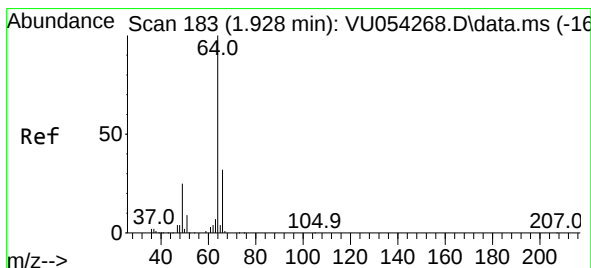
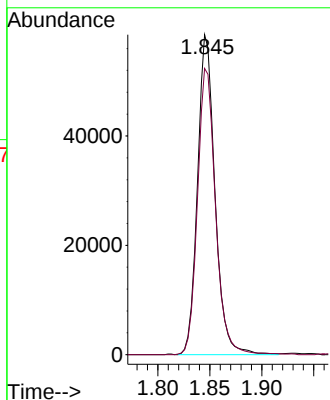
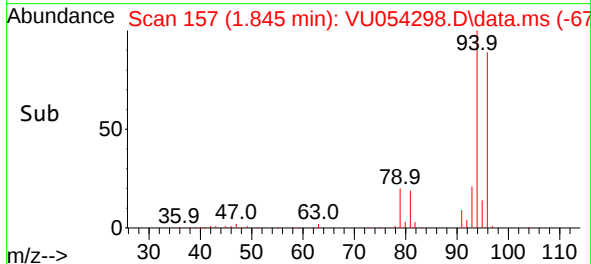
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Tgt Ion: 94 Resp: 6864
Ion Ratio Lower Upper
94 100
96 89.2 73.7 110.5

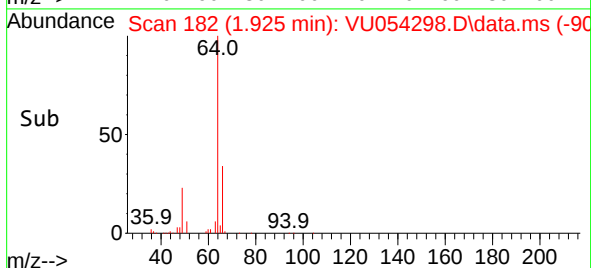
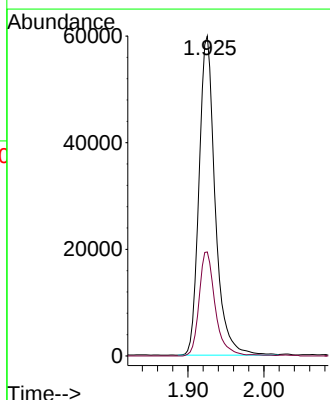
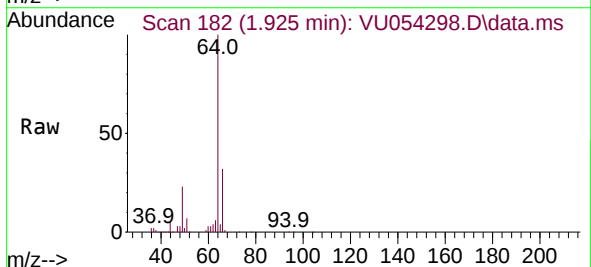
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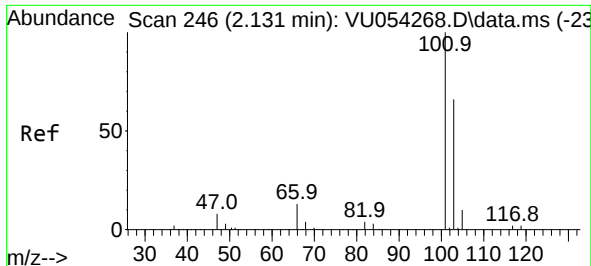
Reviewed By :John Carlone 05/30/2023
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#6
Chloroethane
Concen: 64.374 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

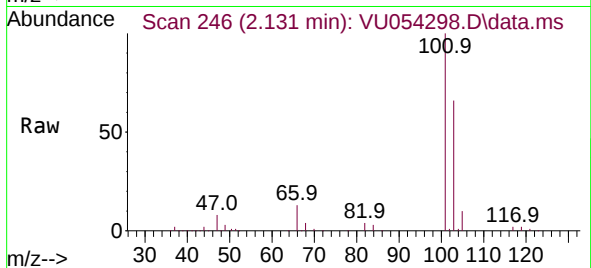
Tgt Ion: 64 Resp: 88122
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1





#7
Trichlorofluoromethane
Concen: 49.534 ug/l
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

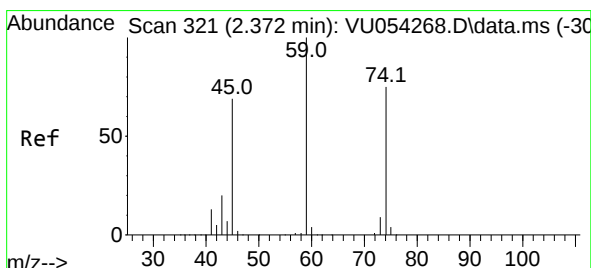
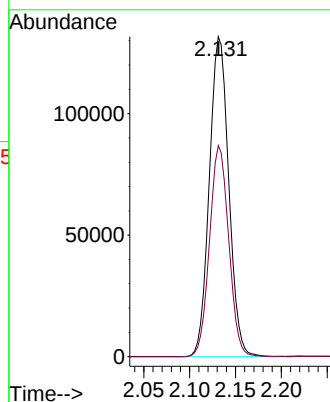
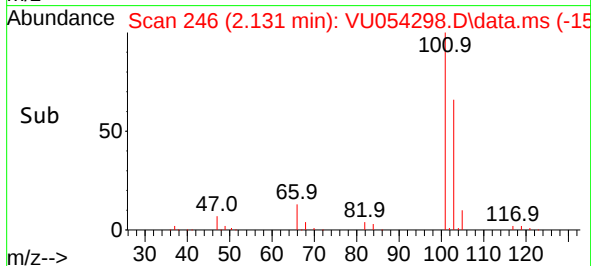
Instrument :
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ClientSampleId :
56BR-20230524MS



Tgt Ion:101 Resp: 193438
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8

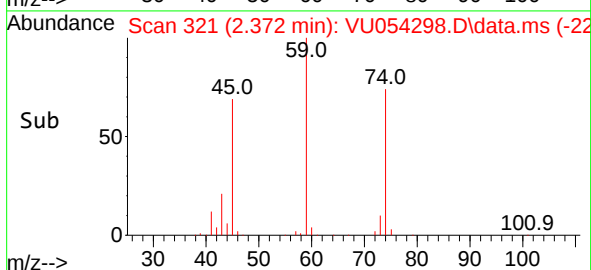
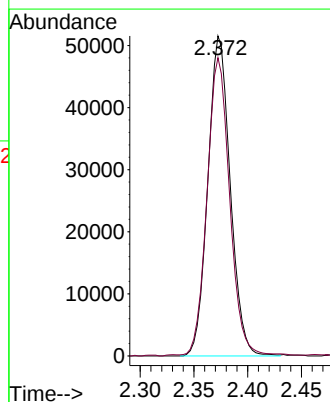
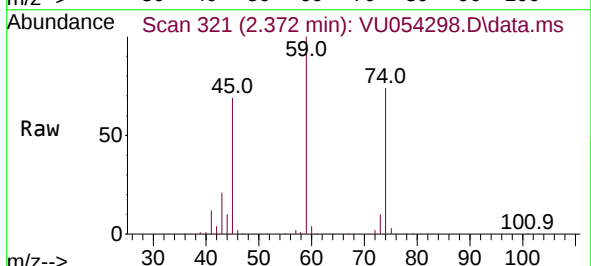
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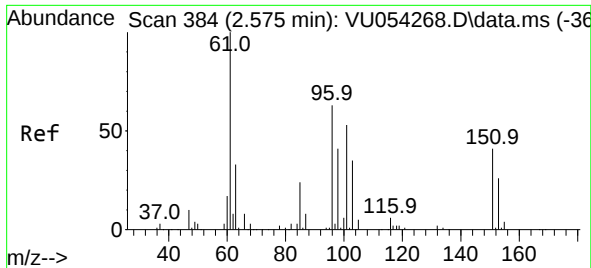
Reviewed By :John Carlone 05/30/2023
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#8
Diethyl Ether
Concen: 51.601 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 74 Resp: 74599
Ion Ratio Lower Upper
74 100
45 93.6 44.4 133.2





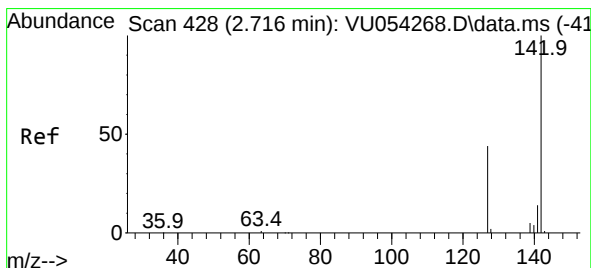
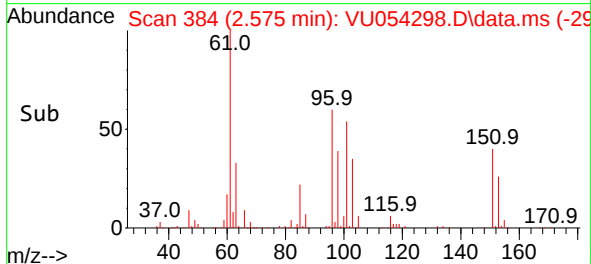
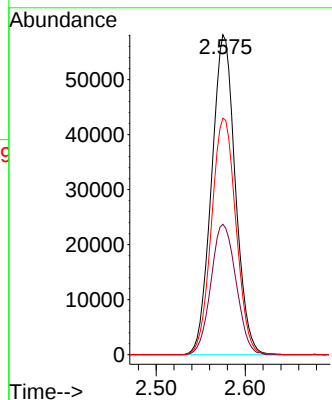
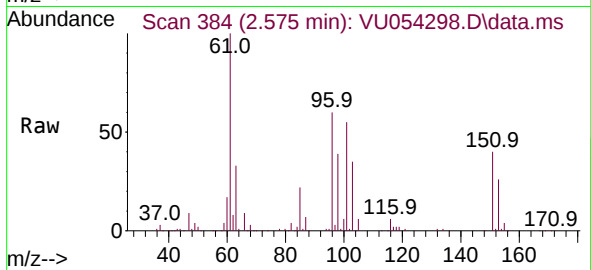
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.951 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion:101 Resp: 107729
Ion Ratio Lower Upper
101 100
85 43.0 33.9 50.9
151 76.1 64.0 96.0

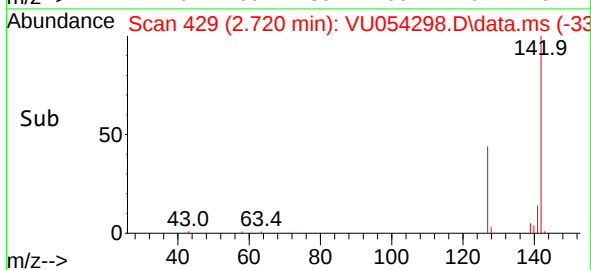
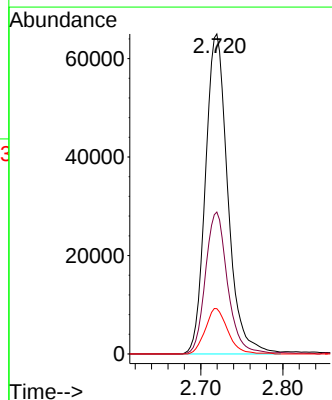
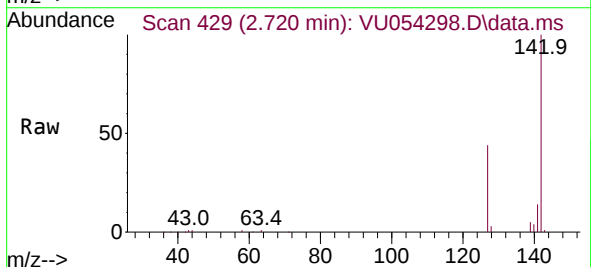
Manual Integrations
APPROVED

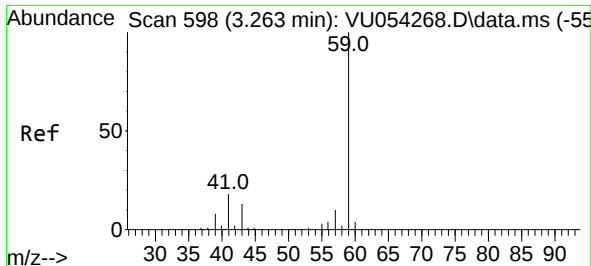
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#10
Methyl Iodide
Concen: 48.682 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.004 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

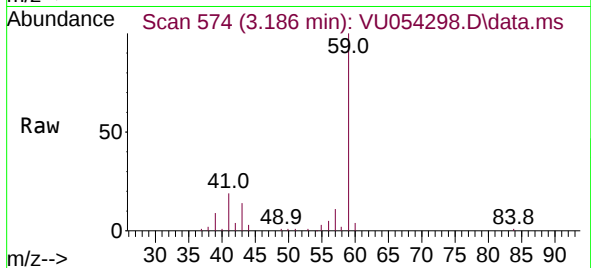
Tgt Ion:142 Resp: 123137
Ion Ratio Lower Upper
142 100
127 44.0 32.5 48.7
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 205.579 ug/l m
RT: 3.186 min Scan# 51
Delta R.T. -0.057 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

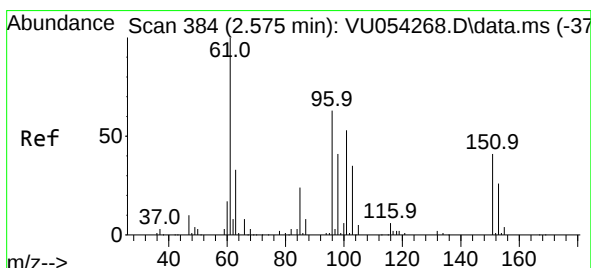
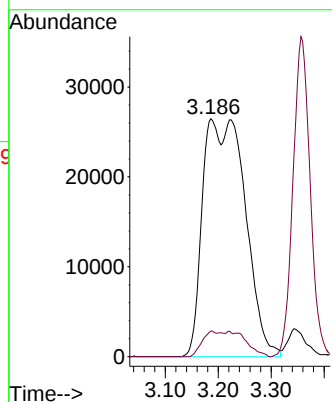
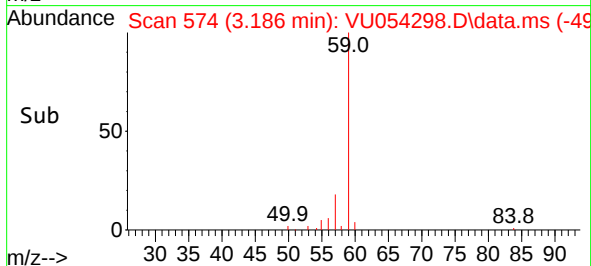
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 59 Resp: 148160
Ion Ratio Lower Upper
59 100
57 3.8 30.6 45.8

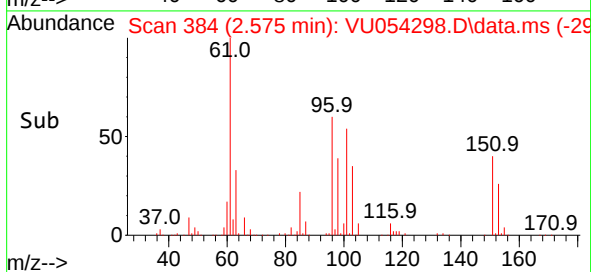
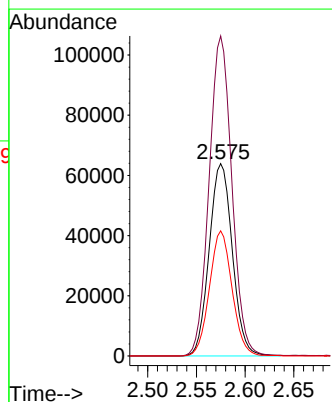
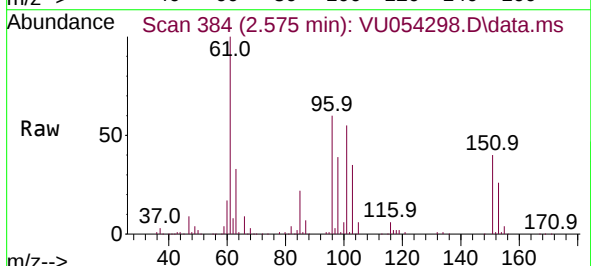
Manual Integrations
APPROVED

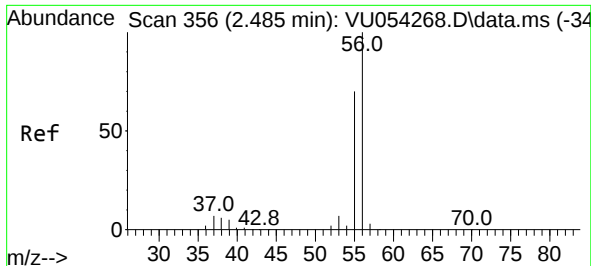
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#12
1,1-Dichloroethene
Concen: 48.287 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 96 Resp: 105712
Ion Ratio Lower Upper
96 100
61 166.3 122.2 183.2
98 65.0 50.7 76.1





#13

Acrolein

Concen: 210.212 ug/l

RT: 2.482 min Scan# 356

Delta R.T. -0.003 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 56 Resp: 157600

Ion Ratio Lower Upper

56 100

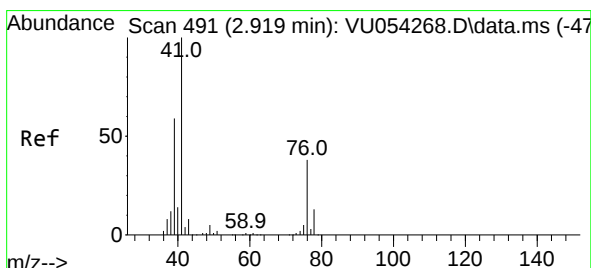
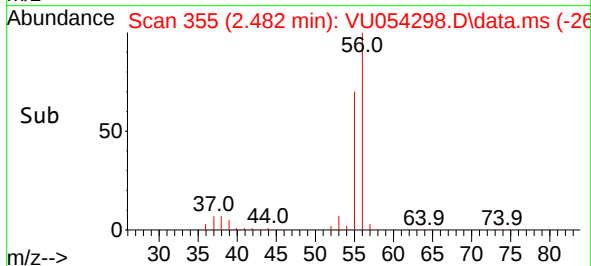
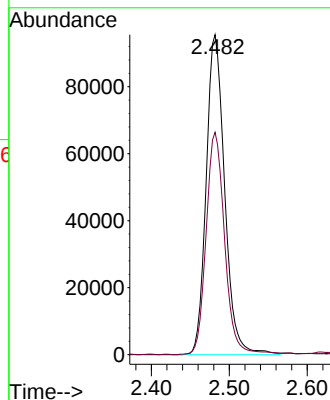
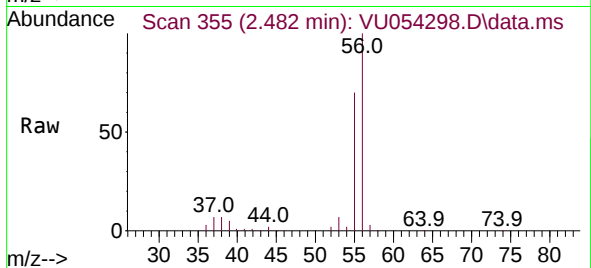
55 69.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#14

Allyl chloride

Concen: 48.013 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

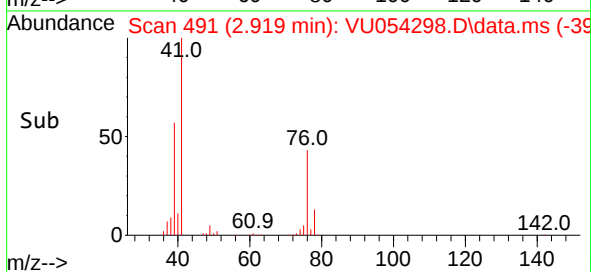
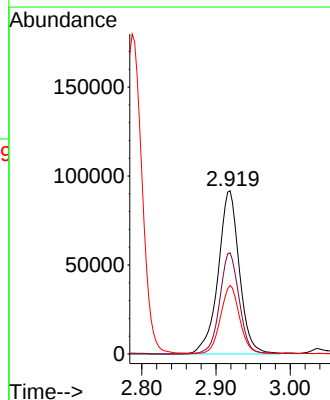
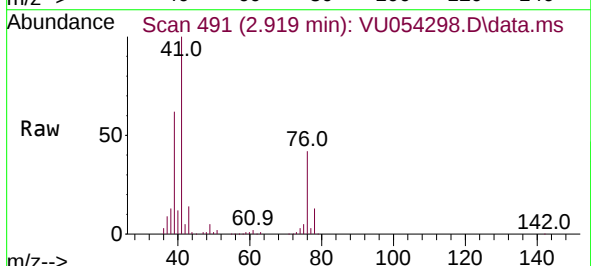
Tgt Ion: 41 Resp: 182254

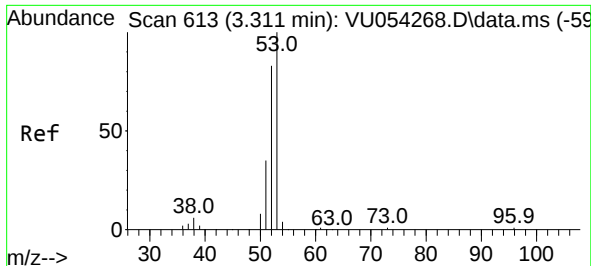
Ion Ratio Lower Upper

41 100

39 57.0 53.4 80.2

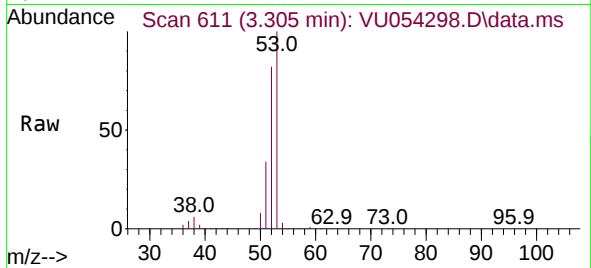
76 37.5 33.8 50.6





#15
Acrylonitrile
Concen: 223.769 ug/l
RT: 3.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

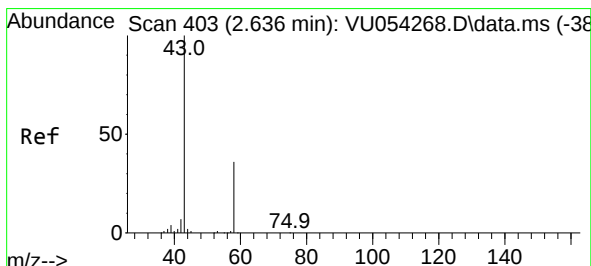
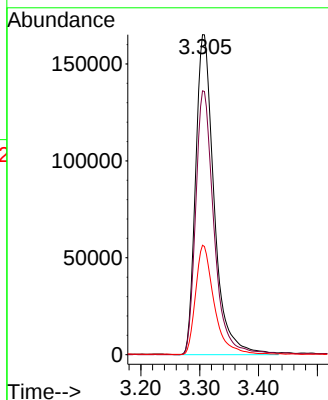
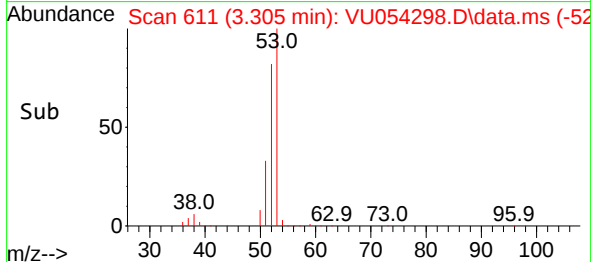
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 53 Resp: 361580
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.0 28.2 42.4

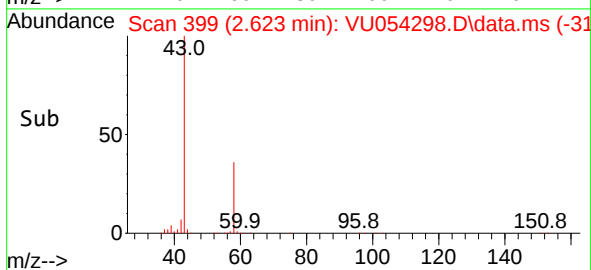
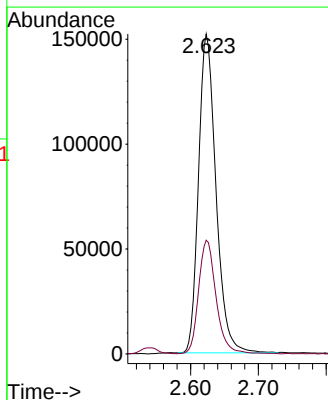
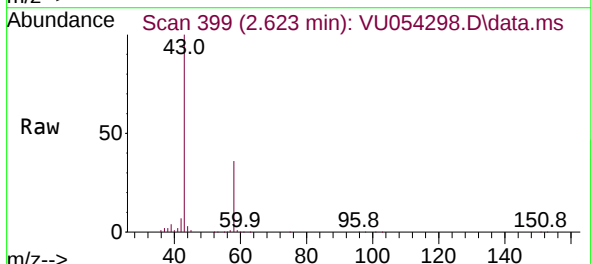
Manual Integrations
APPROVED

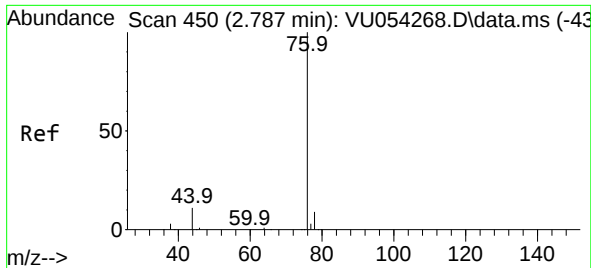
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#16
Acetone
Concen: 177.718 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

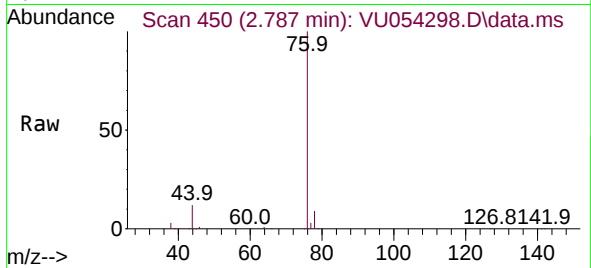
Tgt Ion: 43 Resp: 271793
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





#17
Carbon Disulfide
Concen: 47.089 ug/l
RT: 2.787 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

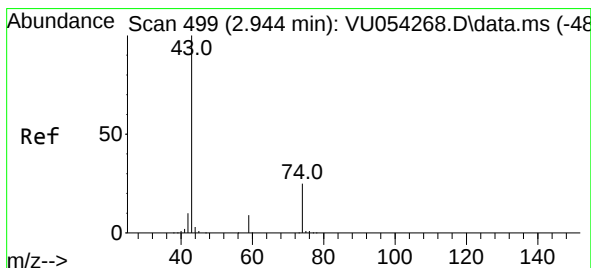
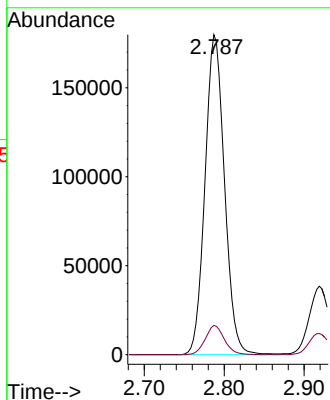
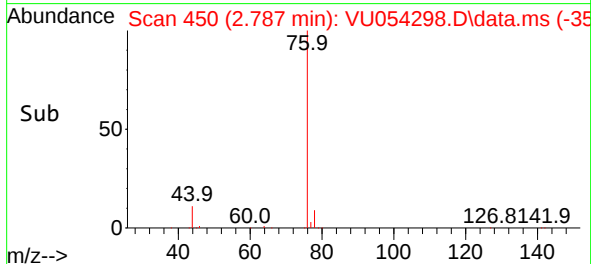
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 76 Resp: 304664
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

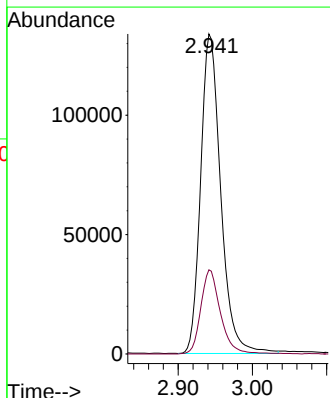
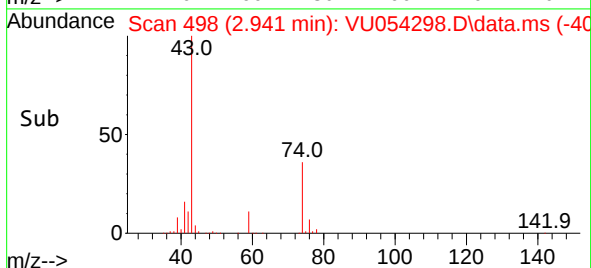
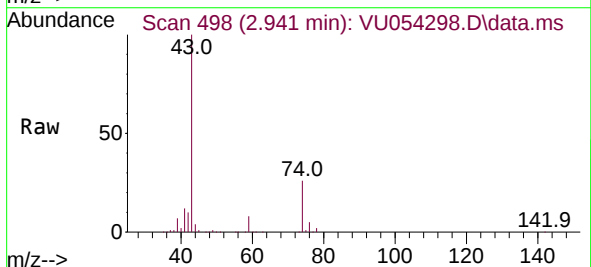
Manual Integrations
APPROVED

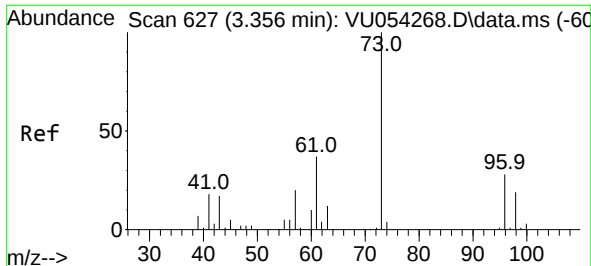
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#18
Methyl Acetate
Concen: 45.016 ug/l
RT: 2.941 min Scan# 498
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 43 Resp: 251372
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 49.842 ug/l

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 73 Resp: 357179

Ion Ratio Lower Upper

73 100

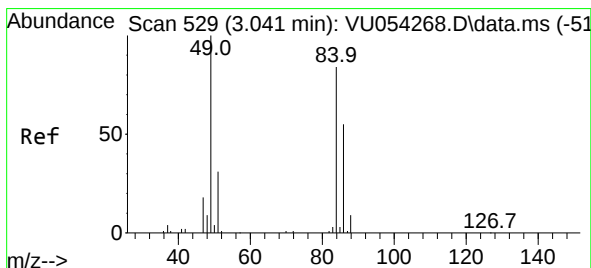
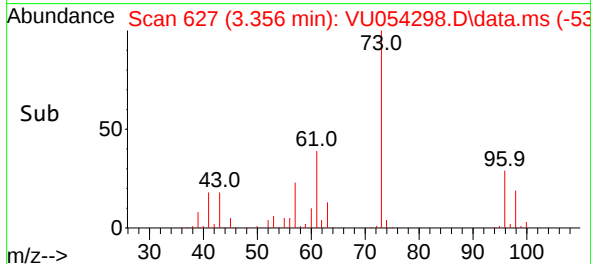
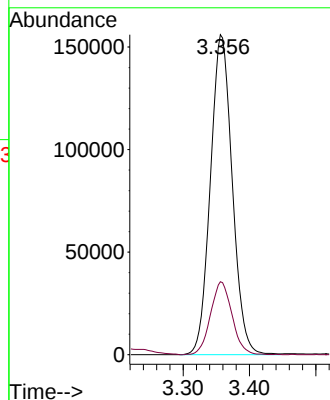
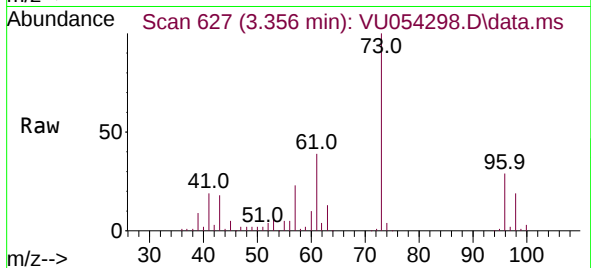
57 22.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#20

Methylene Chloride

Concen: 46.844 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Tgt Ion: 84 Resp: 129245

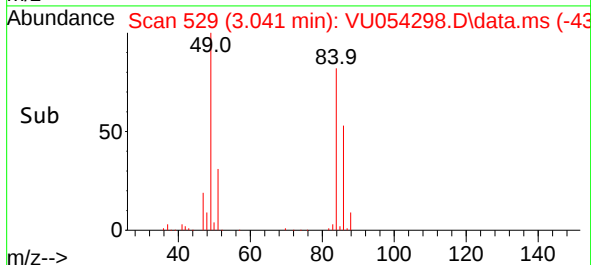
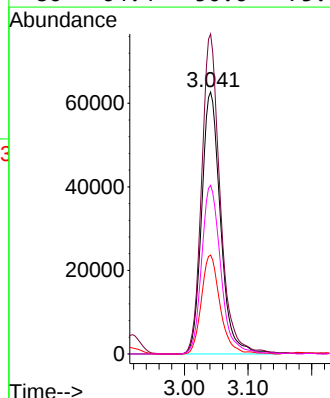
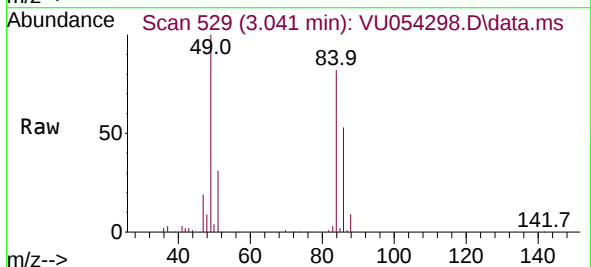
Ion Ratio Lower Upper

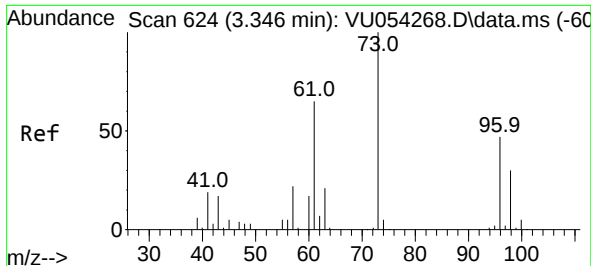
84 100

49 122.2 86.6 129.8

51 37.8 26.6 40.0

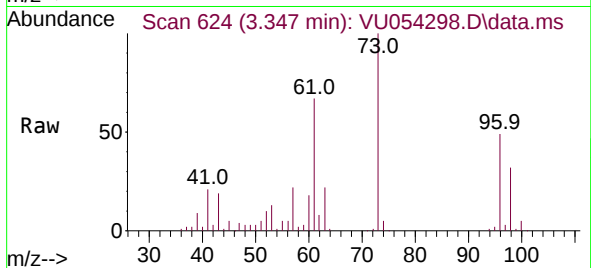
86 64.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 49.743 ug/l
RT: 3.347 min Scan# 61
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

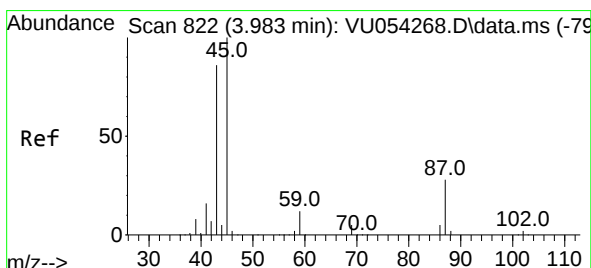
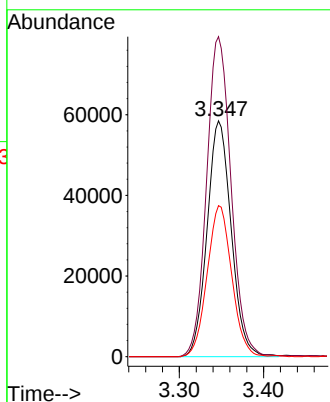
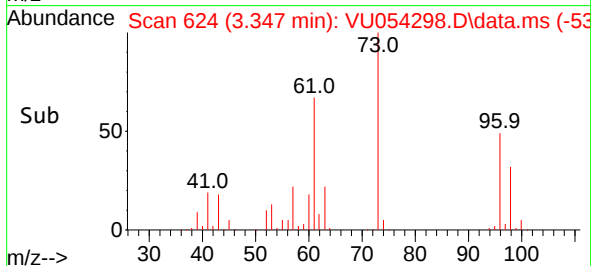
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



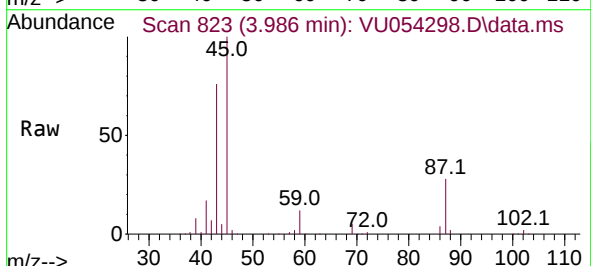
Tgt Ion: 96 Resp: 116589
Ion Ratio Lower Upper
96 100
61 135.7 106.1 159.1
98 64.1 50.8 76.2

Manual Integrations
APPROVED

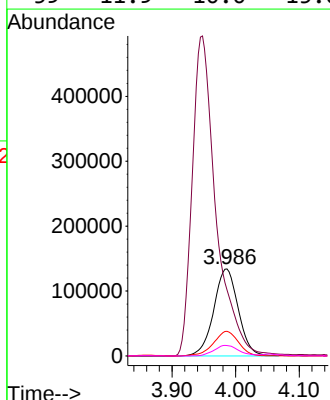
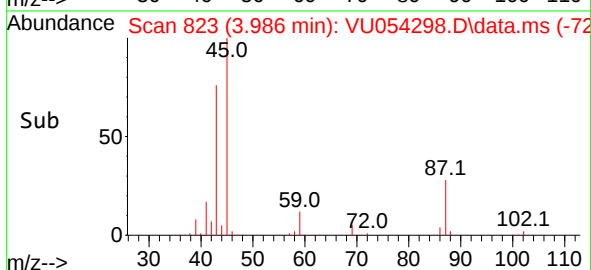
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

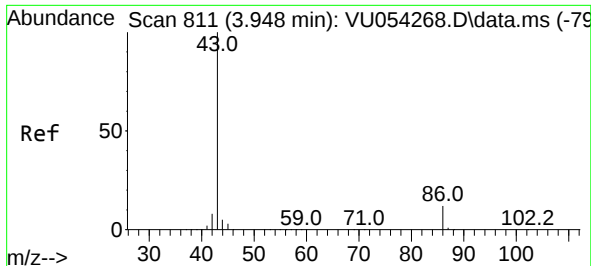


#22
Diisopropyl ether
Concen: 53.473 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



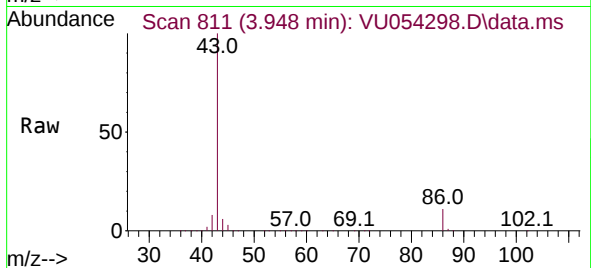
Tgt Ion: 45 Resp: 359757
Ion Ratio Lower Upper
45 100
43 74.0 92.9 139.3#
87 28.3 26.2 39.2
59 11.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 261.842 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

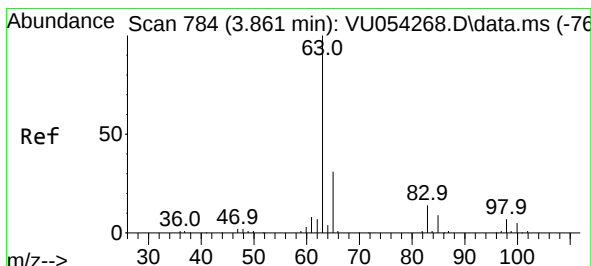
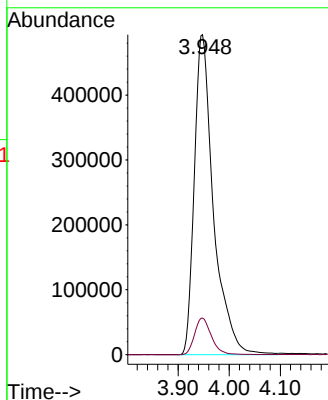
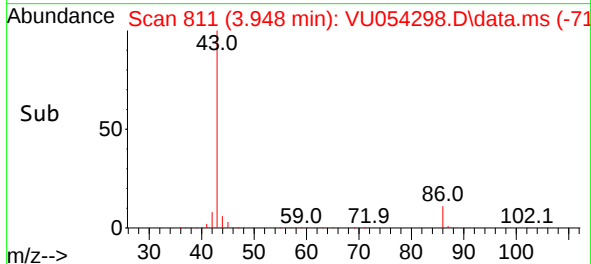
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS



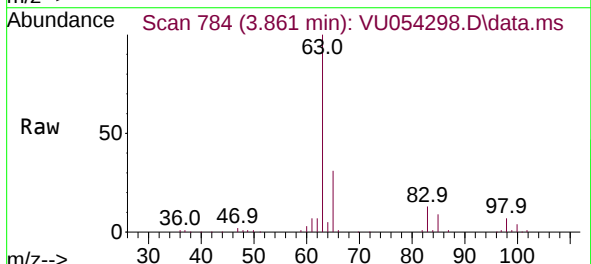
Tgt Ion: 43 Resp: 1285456
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.8

Manual Integrations
 APPROVED

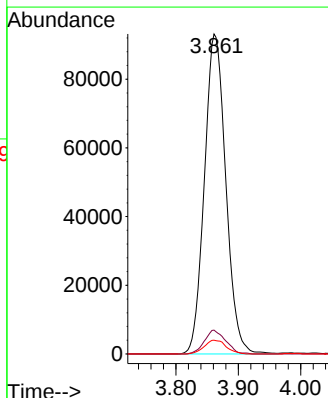
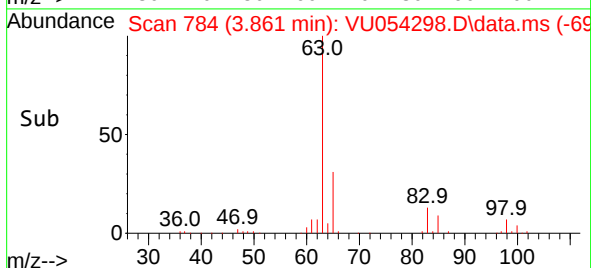
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

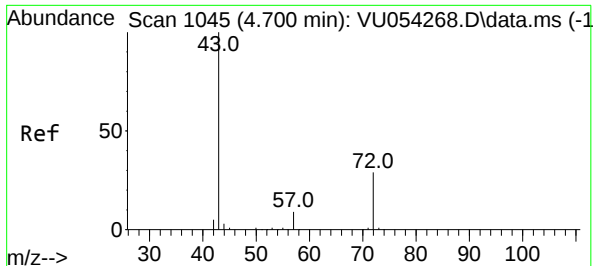


#24
 1,1-Dichloroethane
 Concen: 51.579 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10



Tgt Ion: 63 Resp: 222201
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.3 2.4 7.2





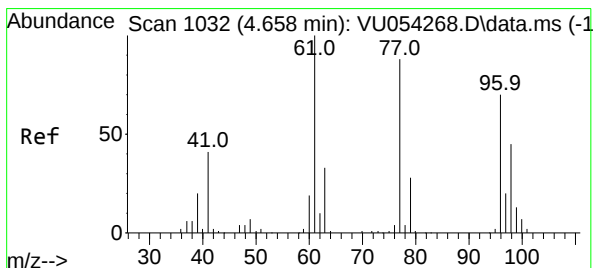
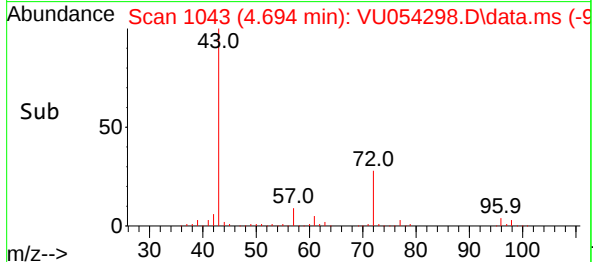
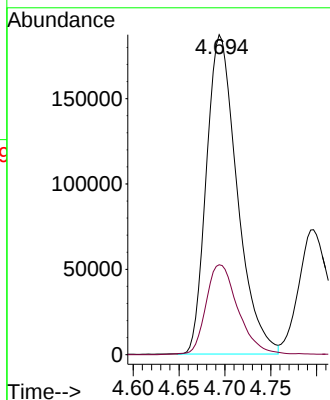
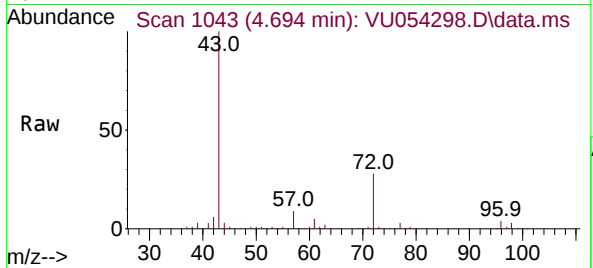
#25
2-Butanone
Concen: 215.342 ug/l
RT: 4.694 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion: 43 Resp: 436038
Ion Ratio Lower Upper
43 100
72 27.8 23.8 35.6

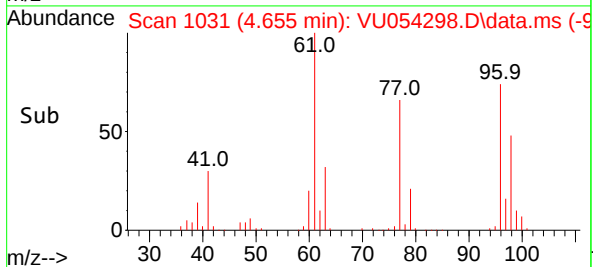
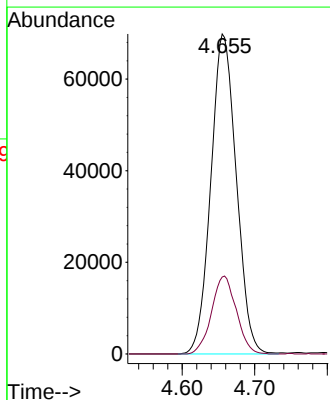
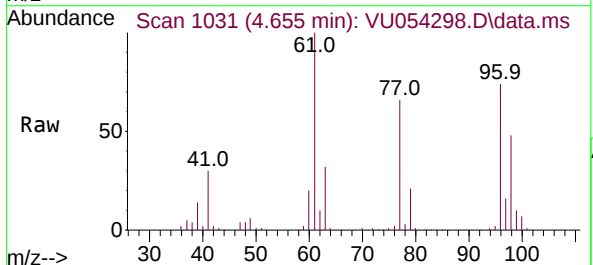
Manual Integrations
APPROVED

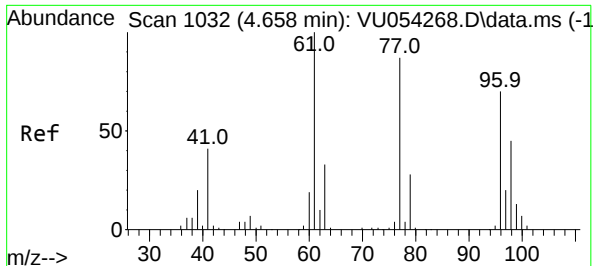
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#26
2,2-Dichloropropane
Concen: 45.221 ug/l
RT: 4.655 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 77 Resp: 170249
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.8





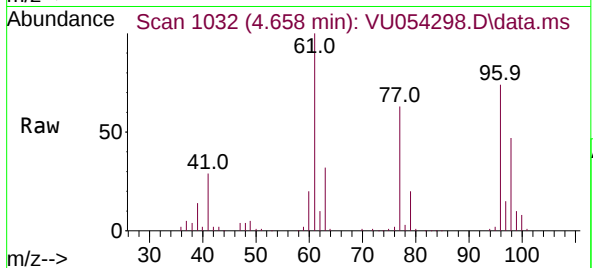
#27
 cis-1,2-Dichloroethene
 Concen: 69.096 ug/l
 RT: 4.658 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS



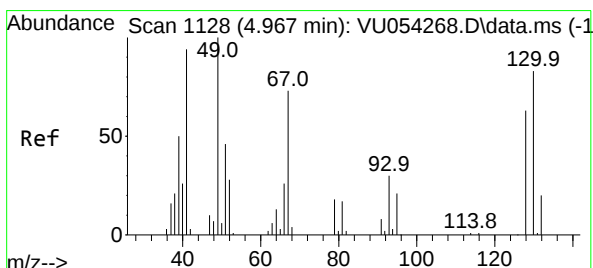
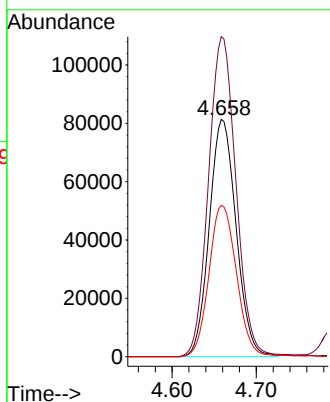
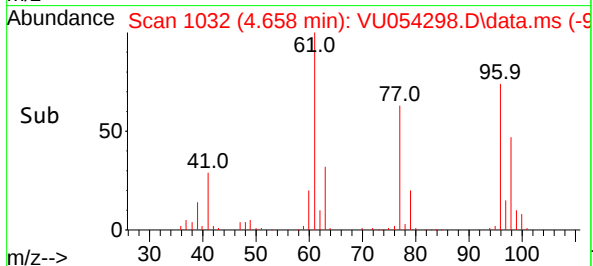
Tgt Ion: 96 Resp: 180158
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 271.6
 98 65.5 0.0 128.2

Manual Integrations

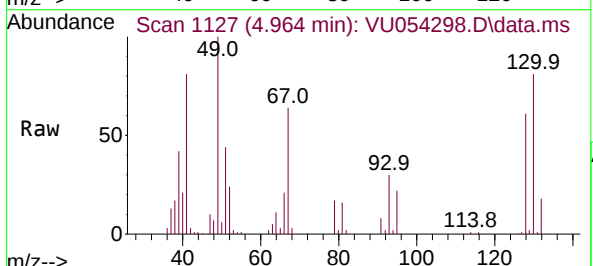
APPROVED

Reviewed By :John Carlone 05/30/2023

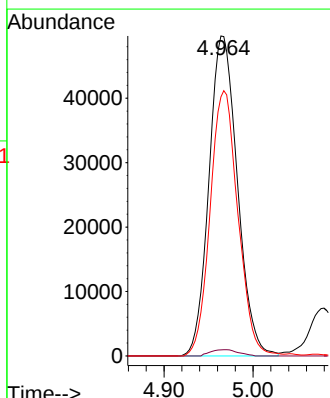
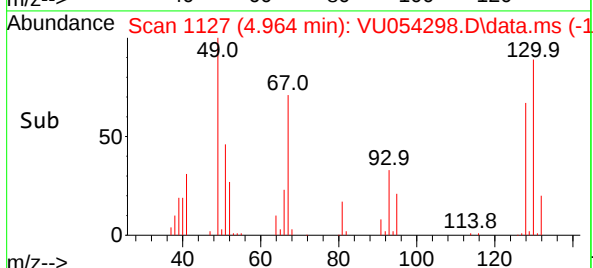
Supervised By :Mahesh Dadoda 05/31/2023

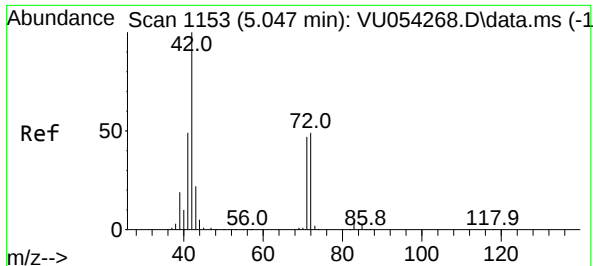


#28
 Bromochloromethane
 Concen: 55.344 ug/l
 RT: 4.964 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10



Tgt Ion: 49 Resp: 110330
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 80.9 76.9 115.3





#29

Tetrahydrofuran

Concen: 226.493 ug/l

RT: 5.044 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 42 Resp: 288278

Ion Ratio Lower Upper

42 100

72 49.2 42.6 63.8

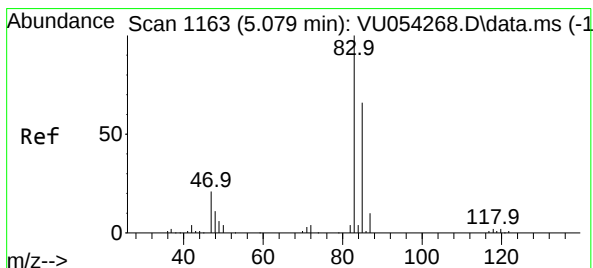
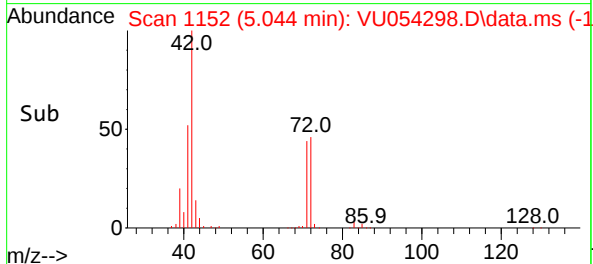
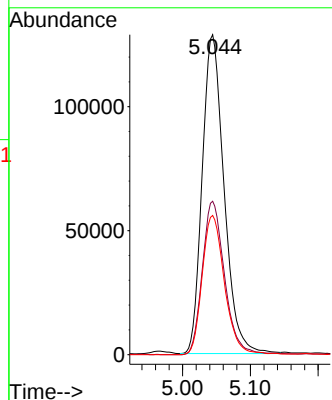
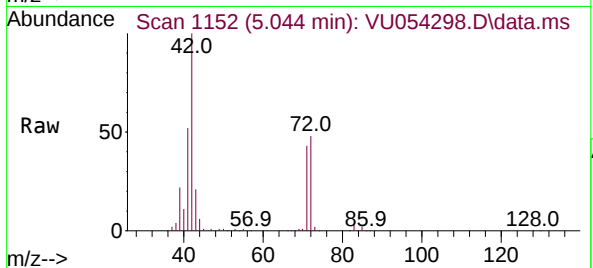
71 44.5 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#30

Chloroform

Concen: 50.781 ug/l

RT: 5.080 min Scan# 1163

Delta R.T. 0.001 min

Lab File: VU054298.D

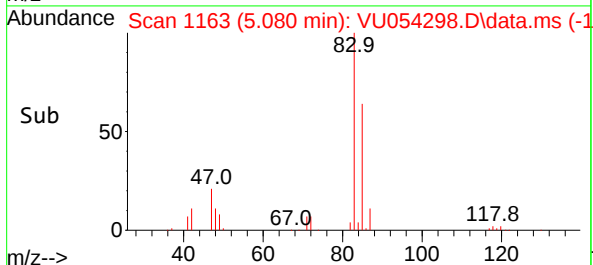
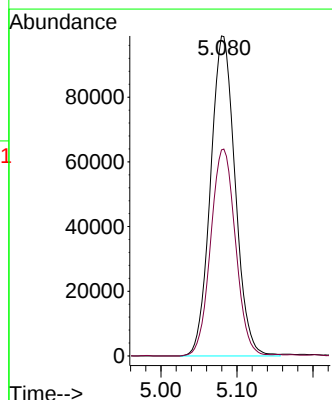
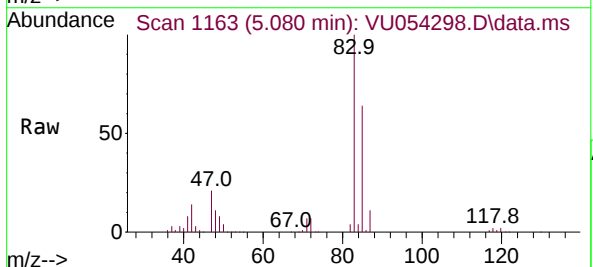
Acq: 26 May 2023 20:10

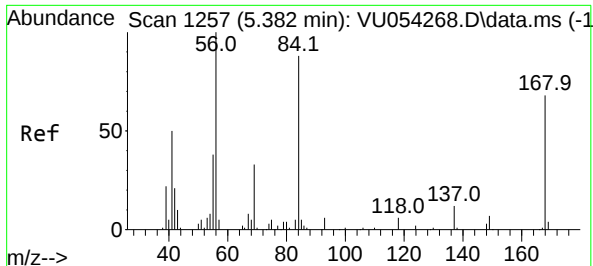
Tgt Ion: 83 Resp: 222380

Ion Ratio Lower Upper

83 100

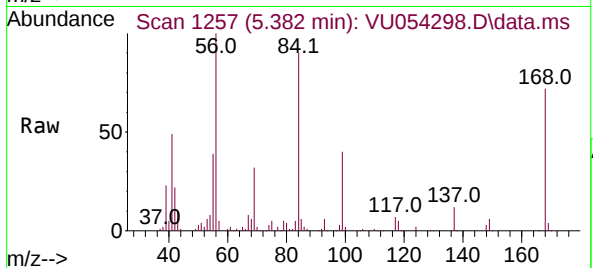
85 64.4 51.2 76.8





#31
Cyclohexane
Concen: 48.139 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

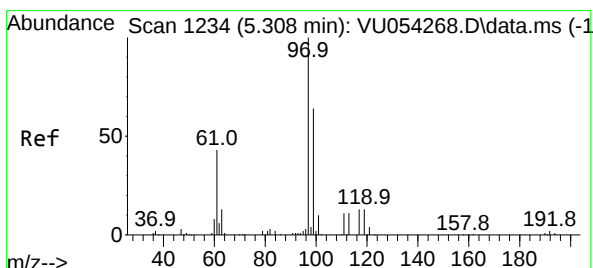
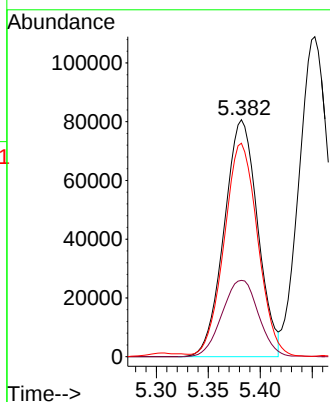
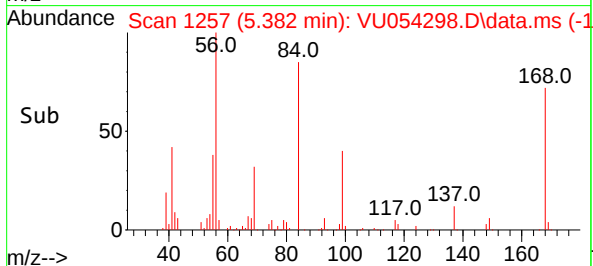
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



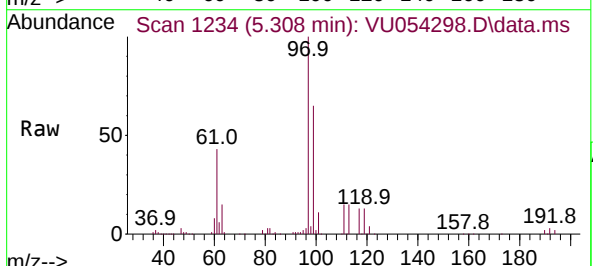
Tgt Ion: 56 Resp: 18135
Ion Ratio Lower Upper
56 100
69 32.2 27.8 41.8
84 88.8 74.2 111.4

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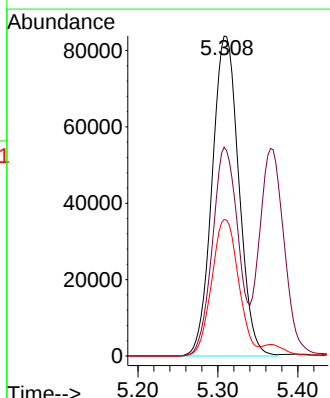
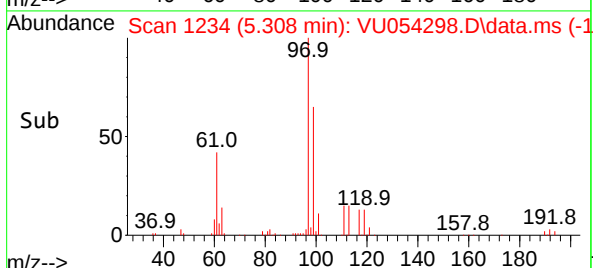
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

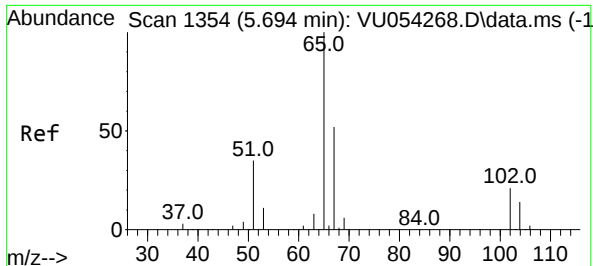


#32
1,1,1-Trichloroethane
Concen: 51.046 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



Tgt Ion: 97 Resp: 194071
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.866 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 65 Resp: 141049

Ion Ratio Lower Upper

65 100

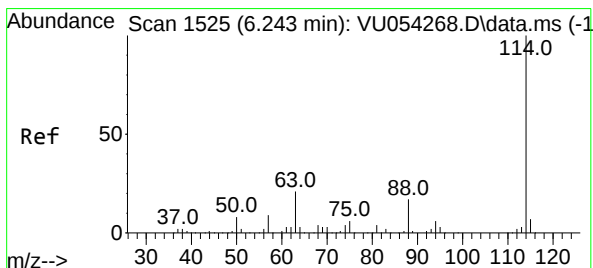
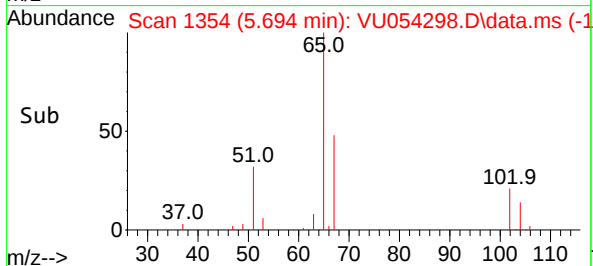
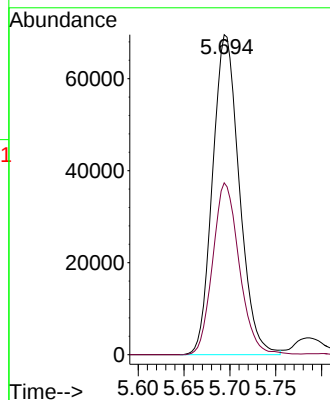
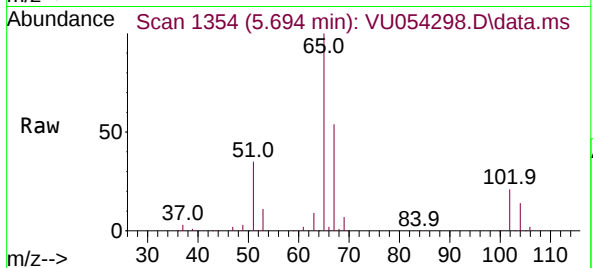
67 53.4 0.0 108.0

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: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

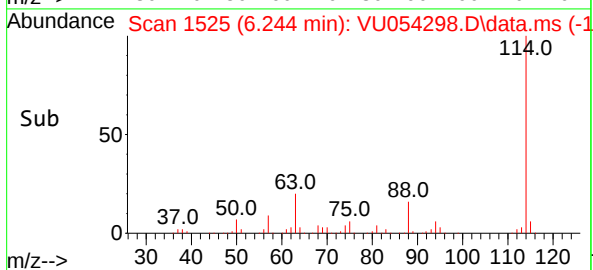
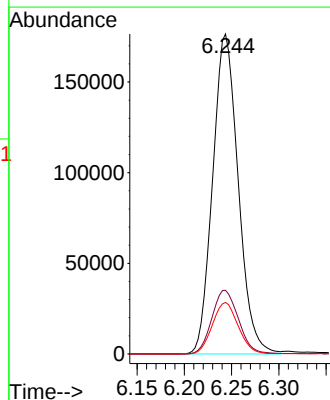
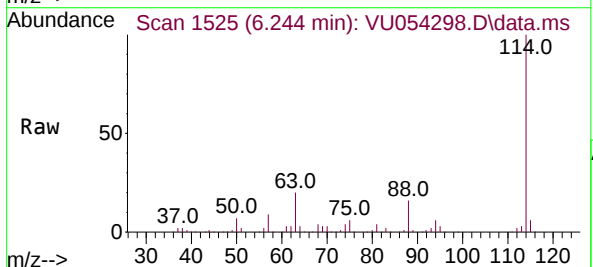
Tgt Ion:114 Resp: 331651

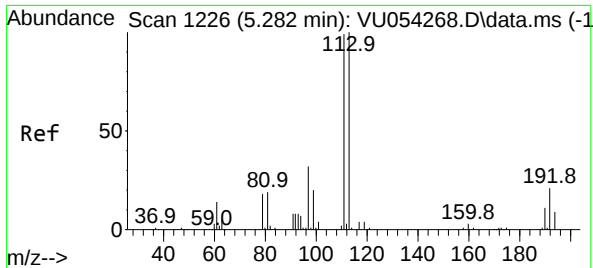
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.8

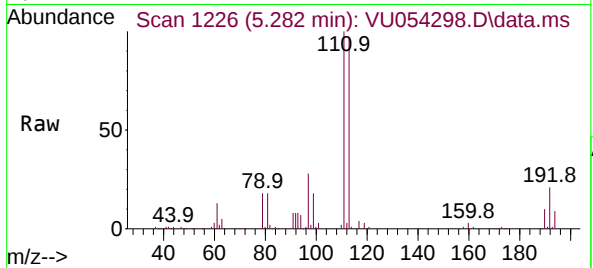
88 16.1 0.0 29.2





#35
Dibromofluoromethane
Concen: 53.621 ug/l
RT: 5.282 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

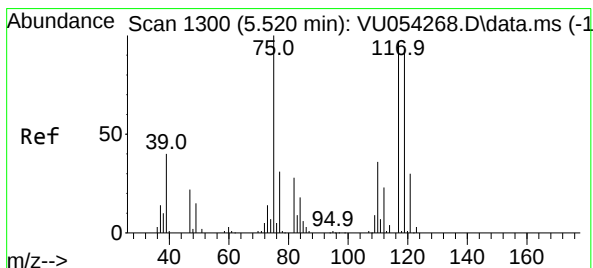
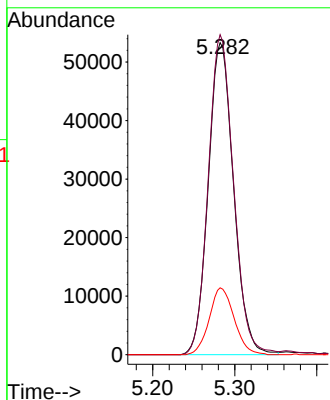
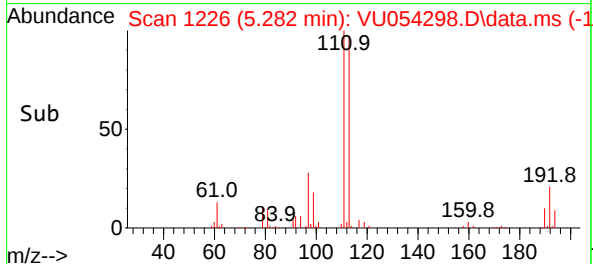
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 113 Resp: 11452
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 21.1 18.0 27.0

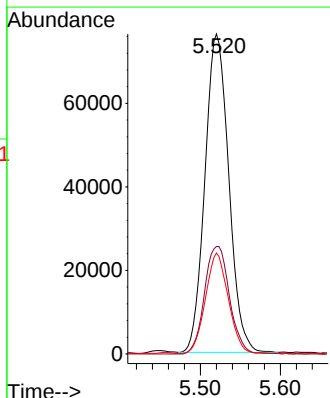
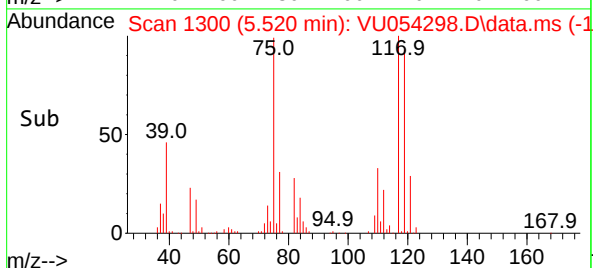
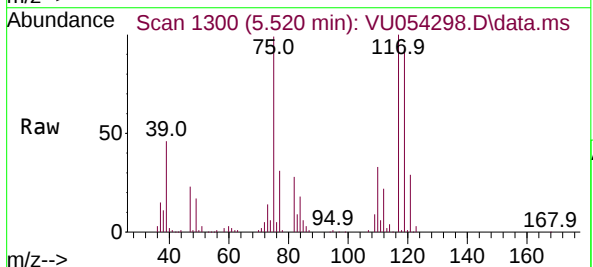
Manual Integrations
APPROVED

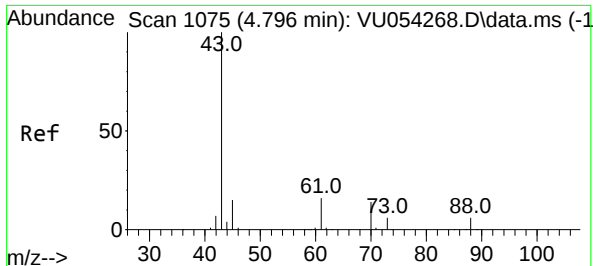
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#36
1,1-Dichloropropene
Concen: 47.060 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 75 Resp: 157865
Ion Ratio Lower Upper
75 100
110 35.4 18.4 55.2
77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 41.458 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. 0.001 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 43 Resp: 16949

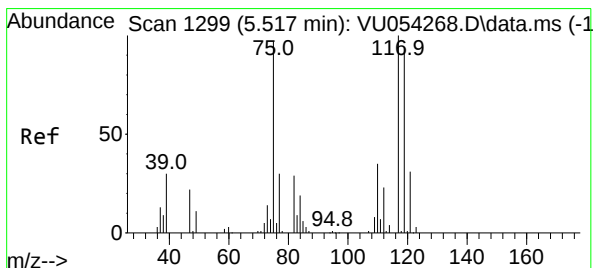
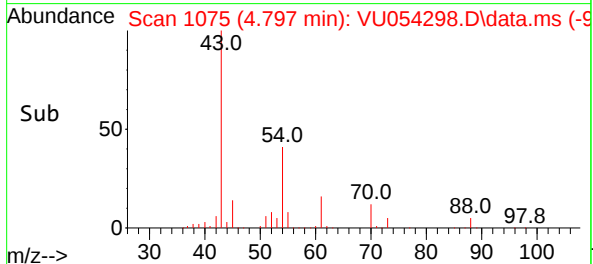
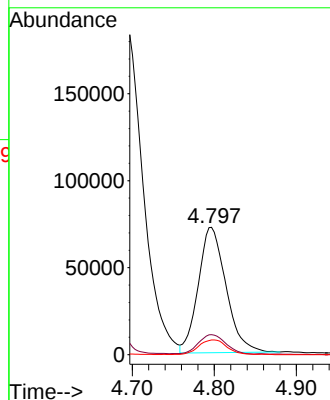
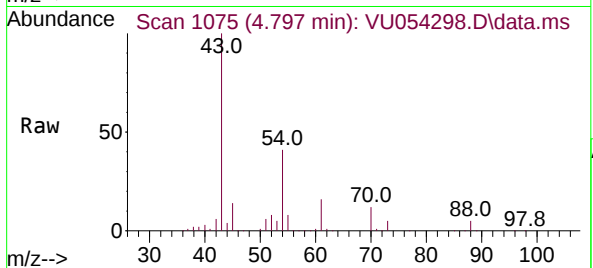
Ion	Ratio	Lower	Upper
43	100		
61	15.2	9.5	14.3
70	11.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#38

Carbon Tetrachloride

Concen: 49.226 ug/l

RT: 5.517 min Scan# 1299

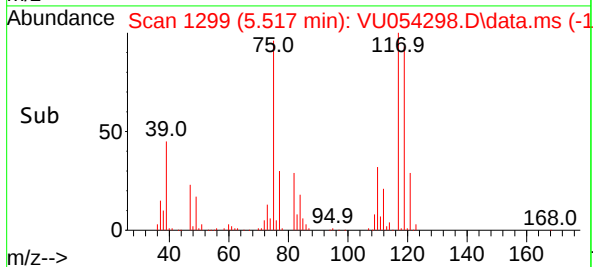
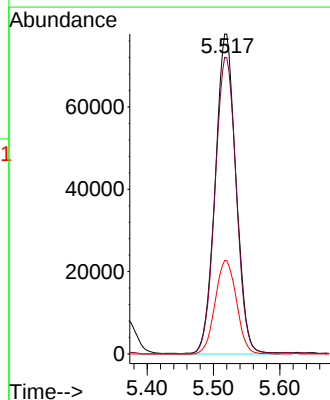
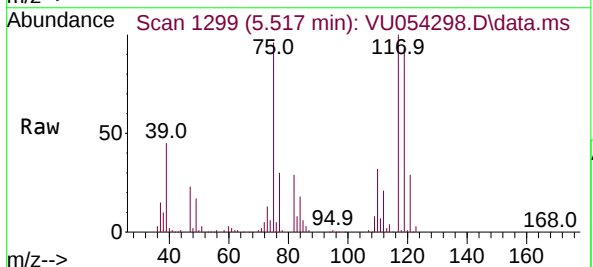
Delta R.T. -0.000 min

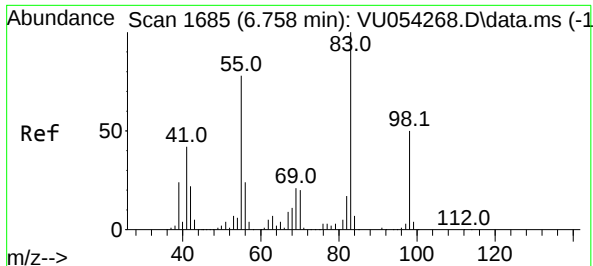
Lab File: VU054298.D

Acq: 26 May 2023 20:10

Tgt Ion:117 Resp: 169018

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.8	115.2
121	29.2	24.7	37.1





#39

Methylcyclohexane

Concen: 48.460 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 83 Resp: 184129

Ion Ratio Lower Upper

83 100

55 76.9 55.3 82.9

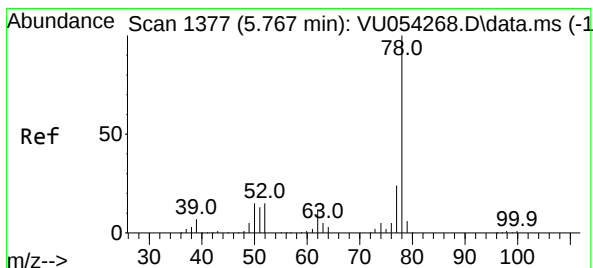
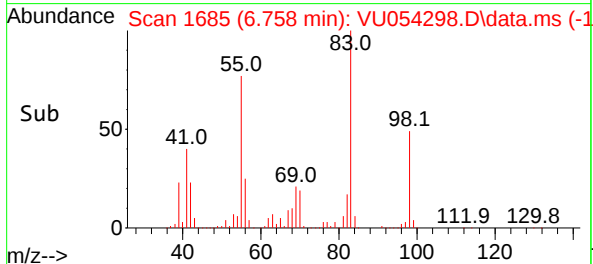
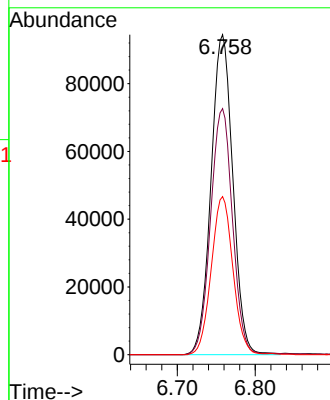
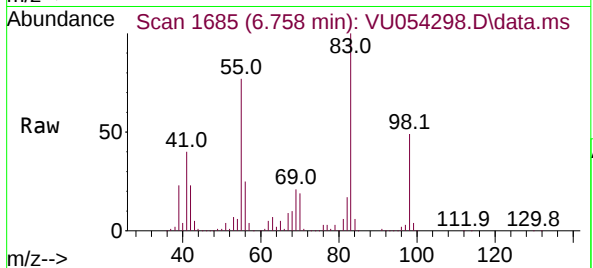
98 49.4 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#40

Benzene

Concen: 50.269 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054298.D

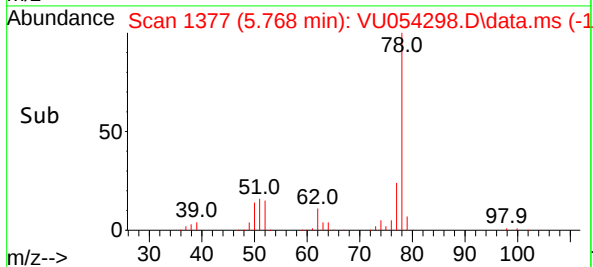
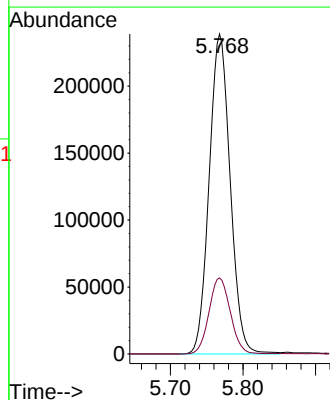
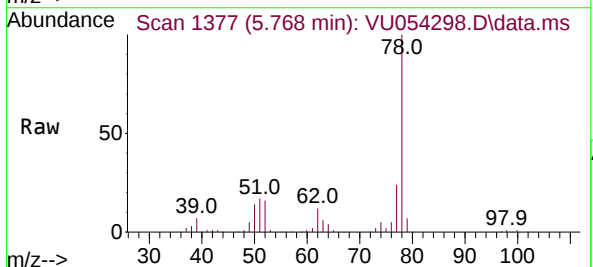
Acq: 26 May 2023 20:10

Tgt Ion: 78 Resp: 480999

Ion Ratio Lower Upper

78 100

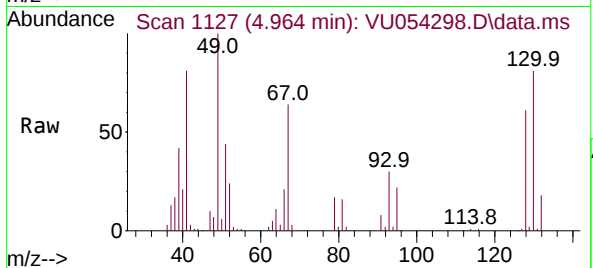
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 48.377 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

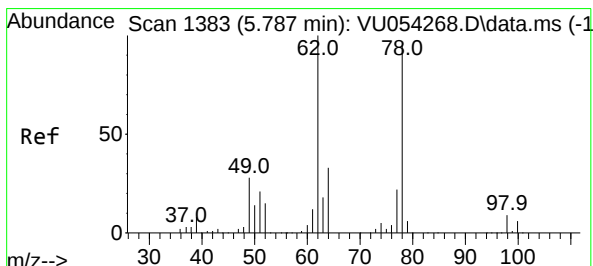
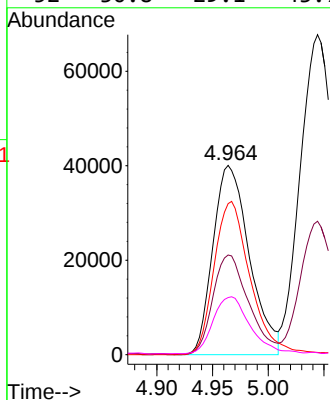
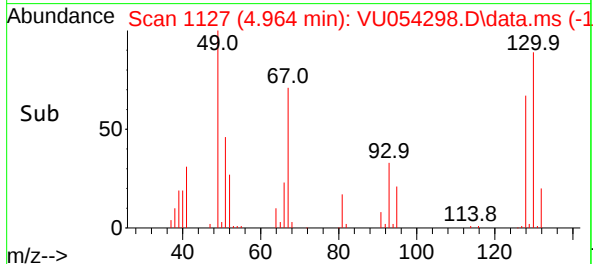
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



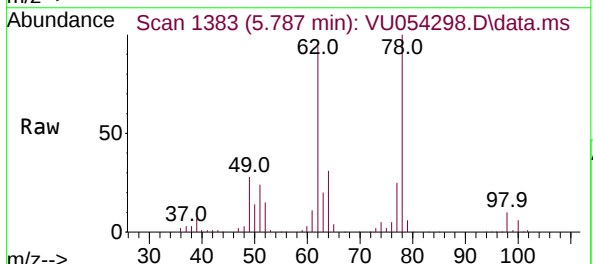
Tgt Ion: 41 Resp: 9140
Ion Ratio Lower Upper
41 100
39 51.7 43.1 64.7
67 80.9 72.3 108.5
52 30.8 29.1 43.7

Manual Integrations
APPROVED

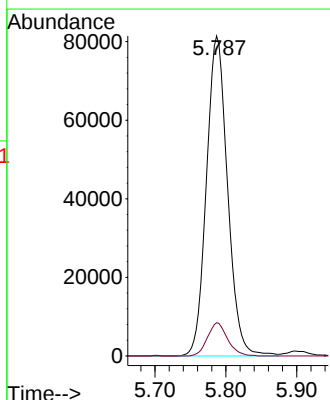
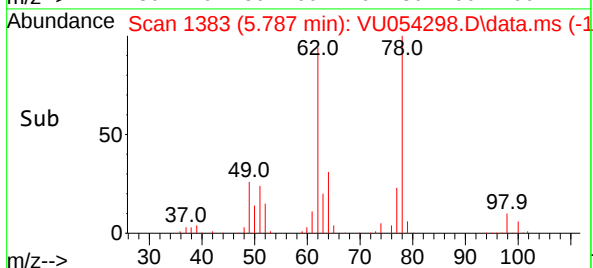
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#42
1,2-Dichloroethane
Concen: 48.551 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



Tgt Ion: 62 Resp: 168760
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.6





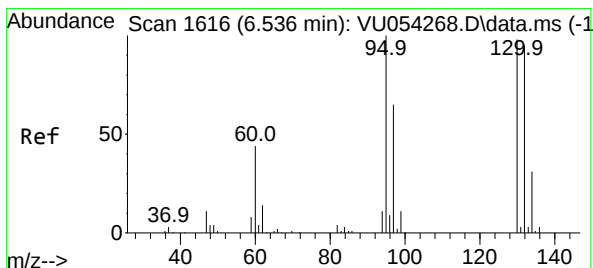
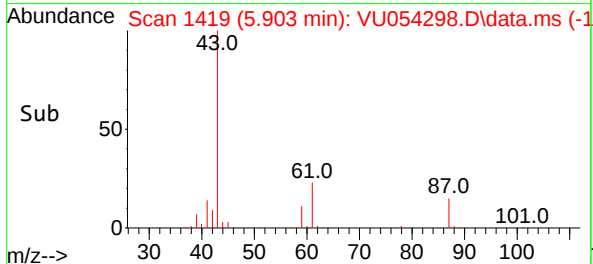
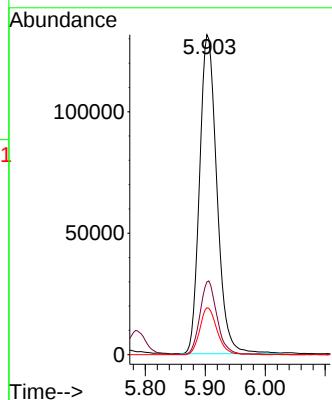
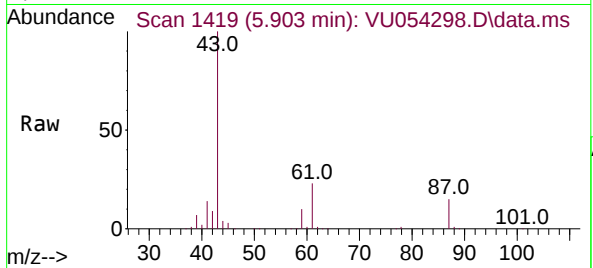
#43
Isopropyl Acetate
Concen: 46.873 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion: 43 Resp: 26432
Ion Ratio Lower Upper
43 100
61 22.5 17.4 26.0
87 14.8 12.6 18.8

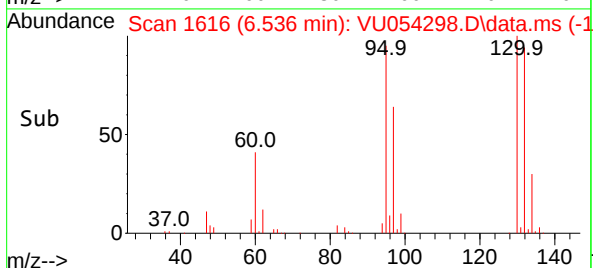
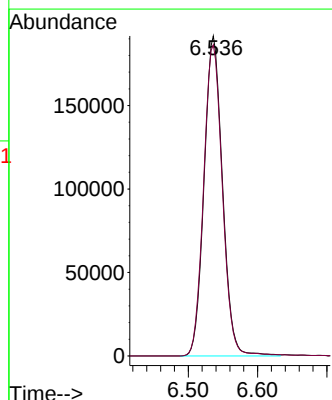
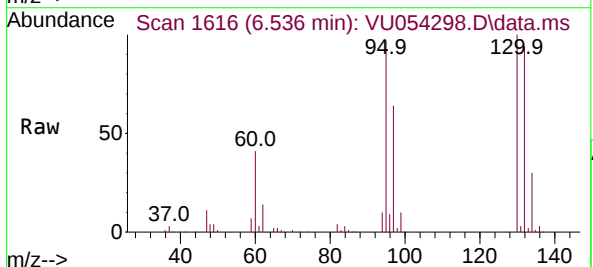
Manual Integrations
APPROVED

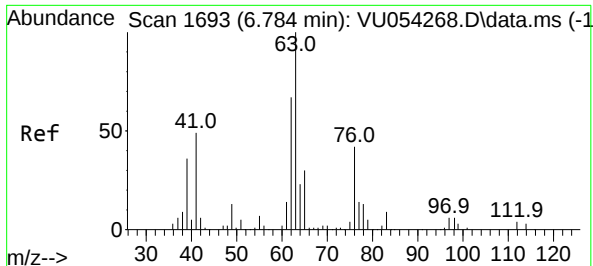
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#44
Trichloroethene
Concen: 132.268 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion:130 Resp: 353786
Ion Ratio Lower Upper
130 100
95 97.2 0.0 184.6





#45

1,2-Dichloropropane

Concen: 50.954 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 63 Resp: 127189

Ion Ratio Lower Upper

63 100

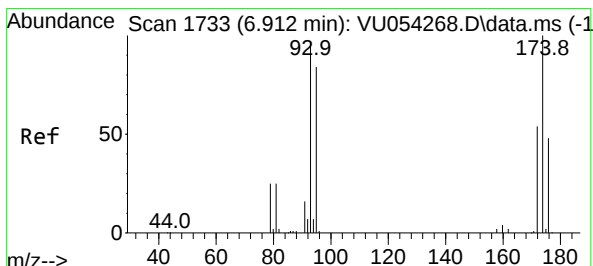
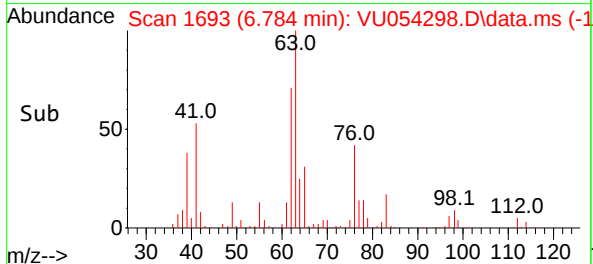
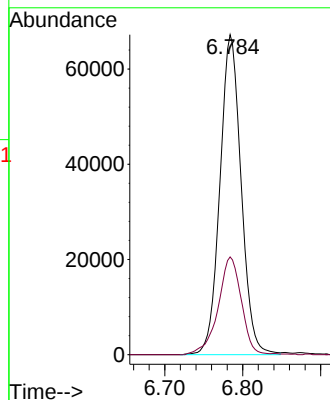
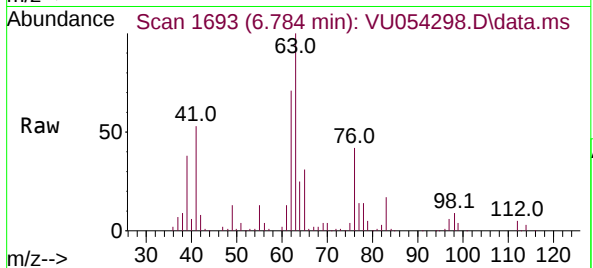
65 30.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#46

Dibromomethane

Concen: 49.065 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

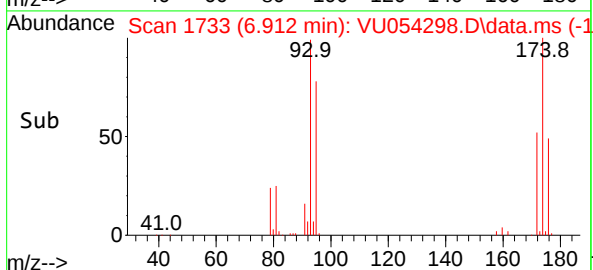
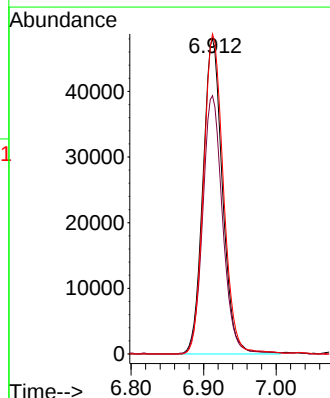
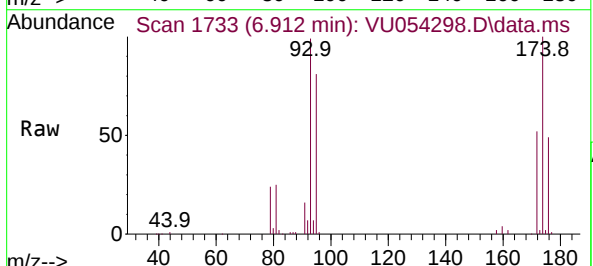
Tgt Ion: 93 Resp: 90153

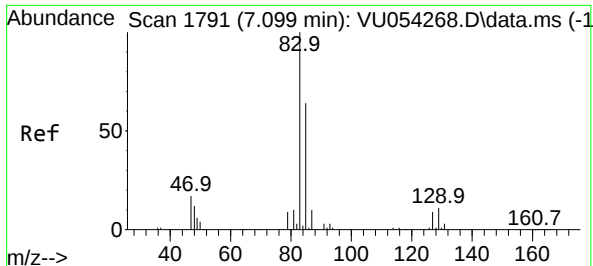
Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

174 102.5 88.2 132.4





#47

Bromodichloromethane

Concen: 50.153 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 83 Resp: 172334

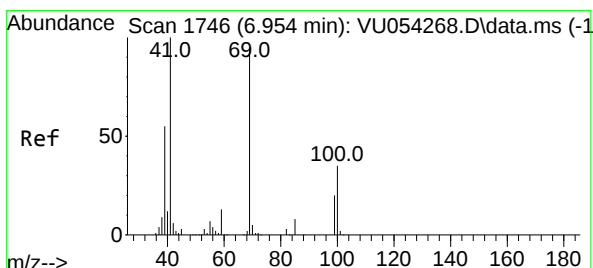
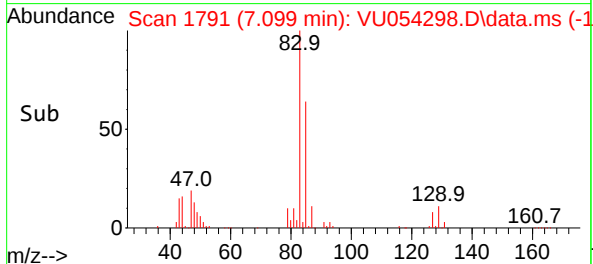
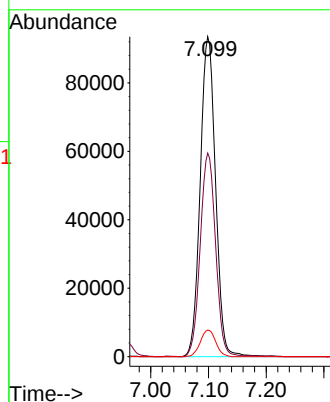
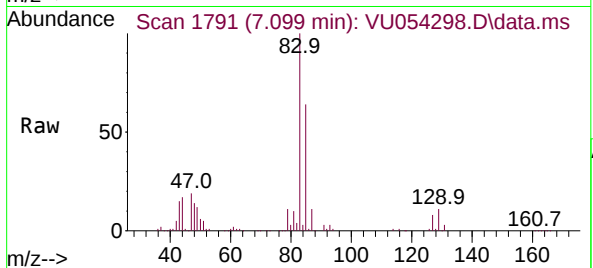
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.2
127	8.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#48

Methyl methacrylate

Concen: 47.657 ug/l

RT: 6.954 min Scan# 1746

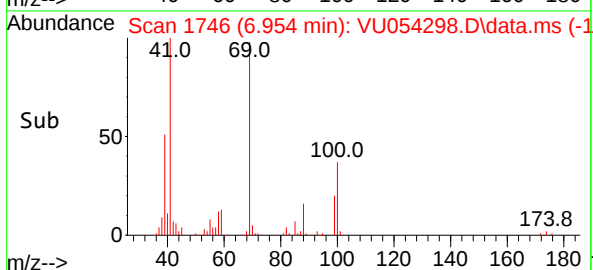
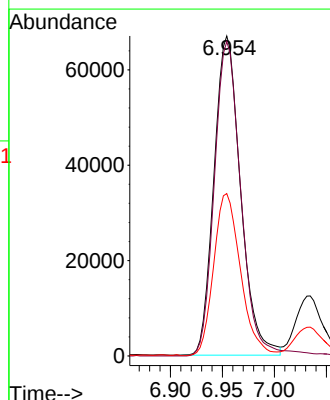
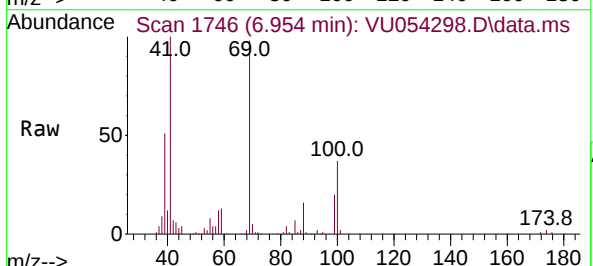
Delta R.T. 0.000 min

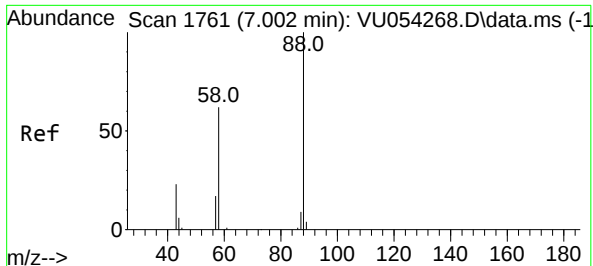
Lab File: VU054298.D

Acq: 26 May 2023 20:10

Tgt Ion: 41 Resp: 119181

Ion	Ratio	Lower	Upper
41	100		
69	98.9	79.8	119.6
39	51.0	47.9	71.9





#49

1,4-Dioxane

Concen: 893.659 ug/l

RT: 6.973 min Scan# 1761

Delta R.T. -0.029 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 88 Resp: 64519

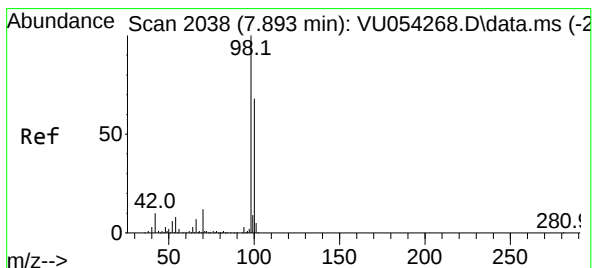
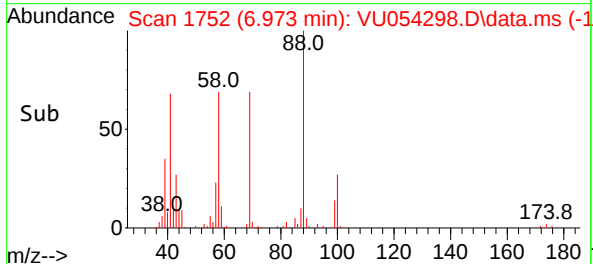
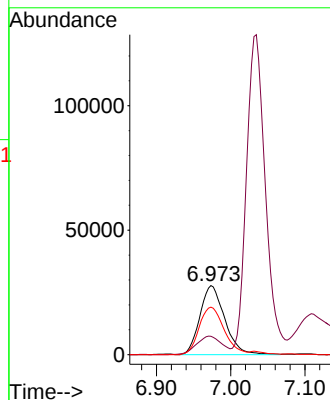
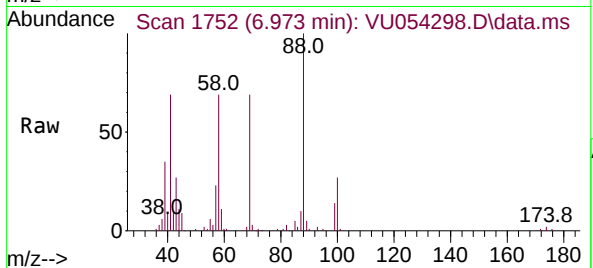
Ion	Ratio	Lower	Upper
88	100		
43	27.3	0.0	0.0
58	69.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#50

Toluene-d8

Concen: 52.114 ug/l

RT: 7.893 min Scan# 2038

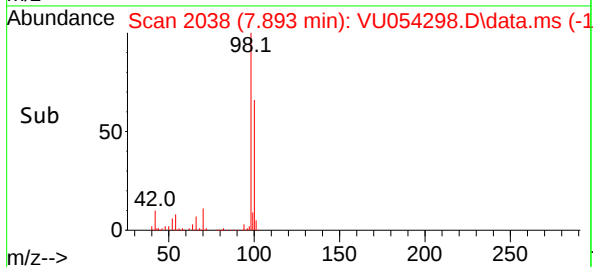
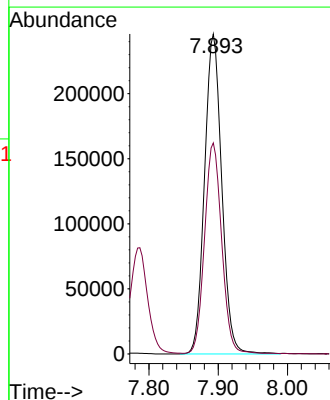
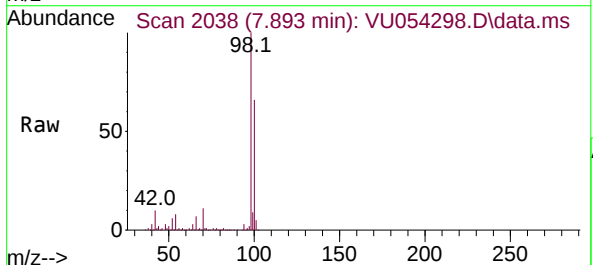
Delta R.T. -0.000 min

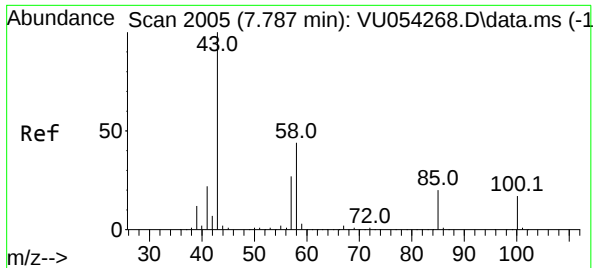
Lab File: VU054298.D

Acq: 26 May 2023 20:10

Tgt Ion: 98 Resp: 423363

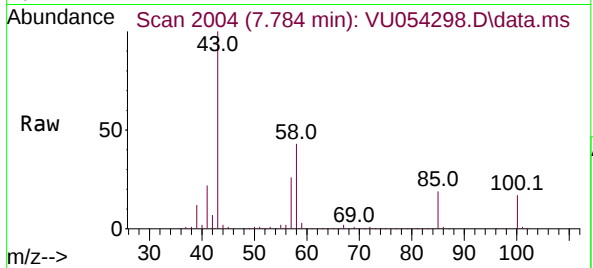
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 225.411 ug/l
RT: 7.784 min Scan# 2004
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

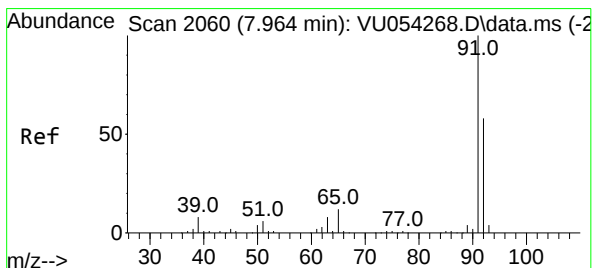
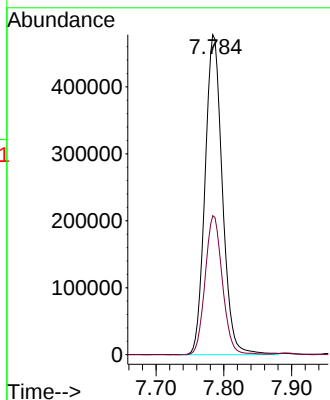
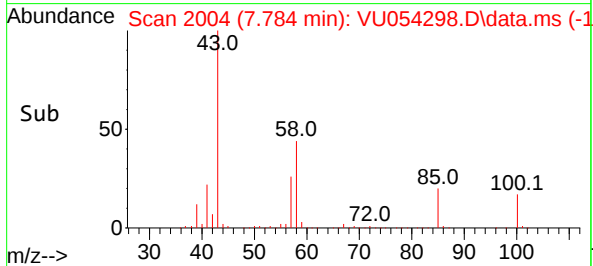
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 43 Resp: 848274
Ion Ratio Lower Upper
43 100
58 43.3 34.7 52.1

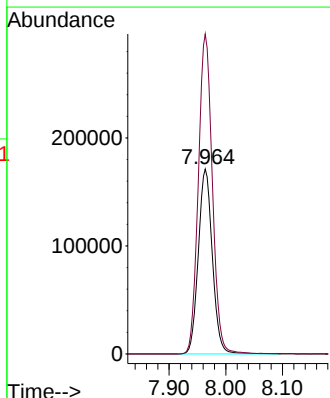
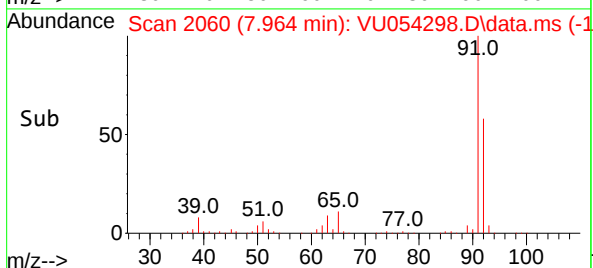
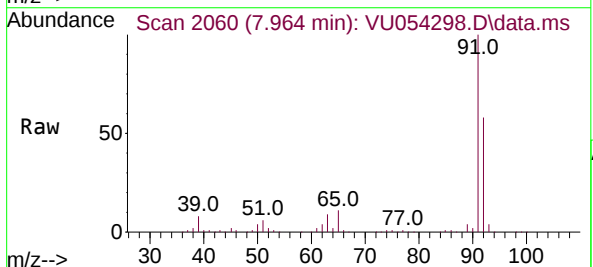
Manual Integrations
APPROVED

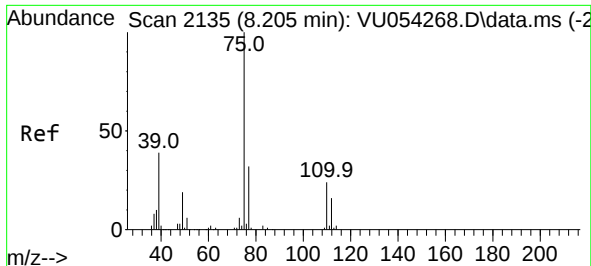
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 48.263 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

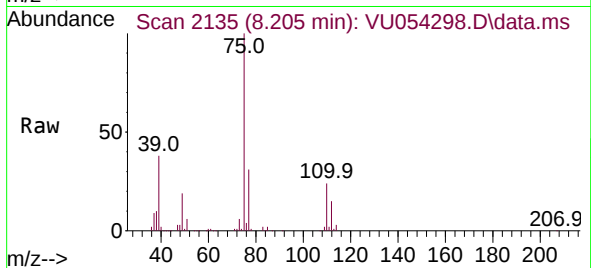
Tgt Ion: 92 Resp: 294461
Ion Ratio Lower Upper
92 100
91 172.9 138.2 207.4





#53
 t-1,3-Dichloropropene
 Concen: 48.396 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

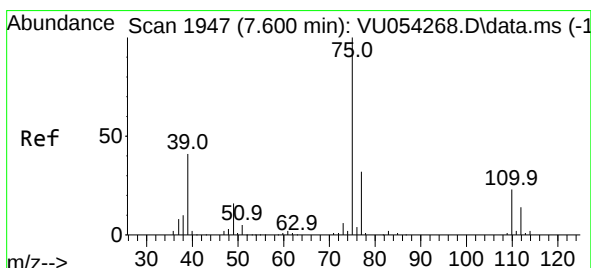
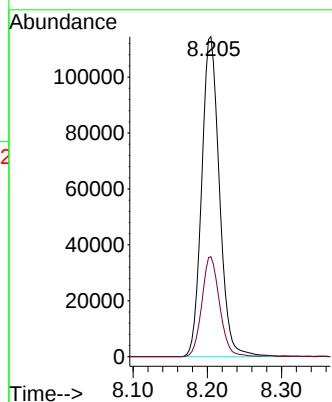
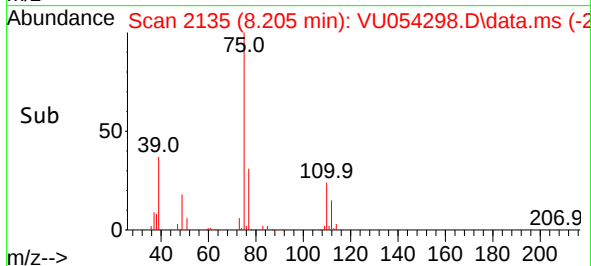
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS



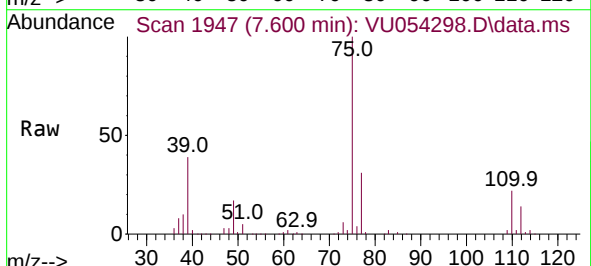
Tgt Ion: 75 Resp: 19025
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

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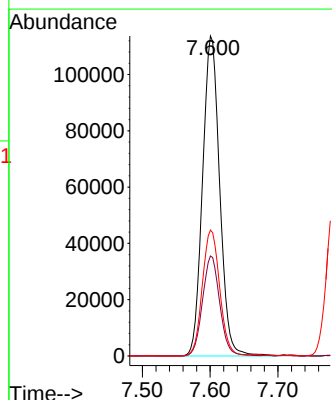
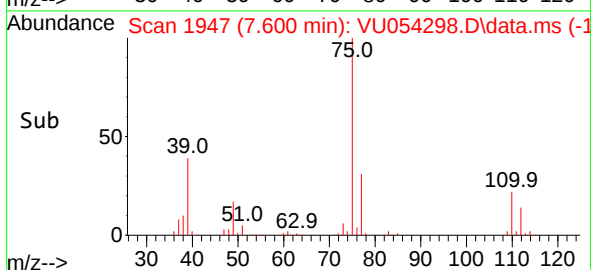
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

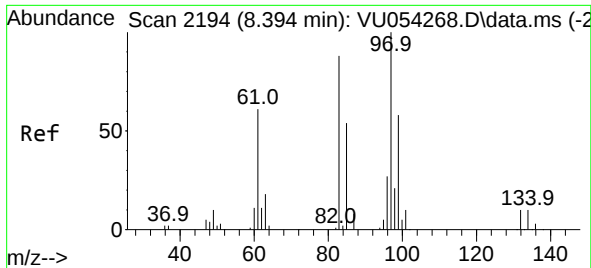


#54
 cis-1,3-Dichloropropene
 Concen: 48.670 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10



Tgt Ion: 75 Resp: 199677
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 39.4 33.0 49.6





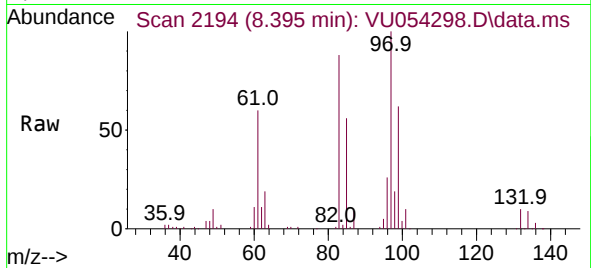
#55
1,1,2-Trichloroethane
Concen: 48.958 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS



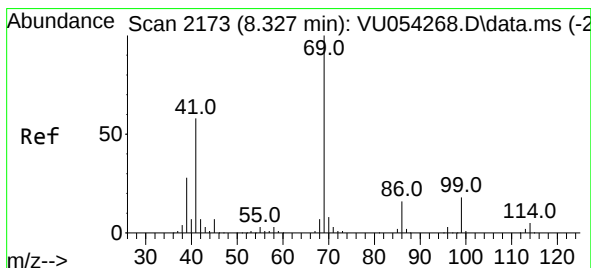
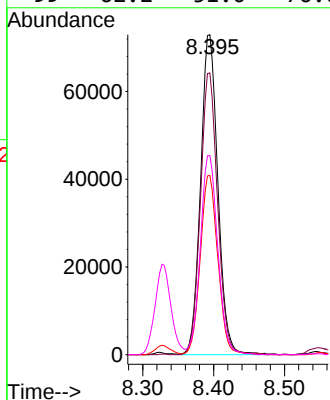
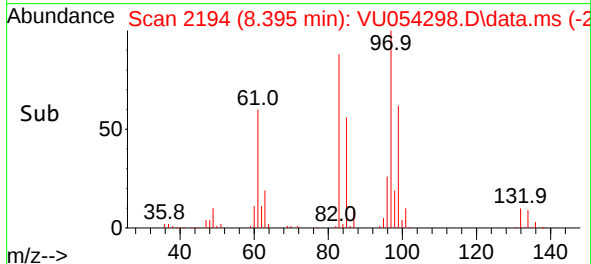
Tgt Ion: 97 Resp: 123790
Ion Ratio Lower Upper
97 100
83 88.0 70.2 105.4
85 56.0 44.6 66.8
99 62.2 51.0 76.6

Manual Integrations

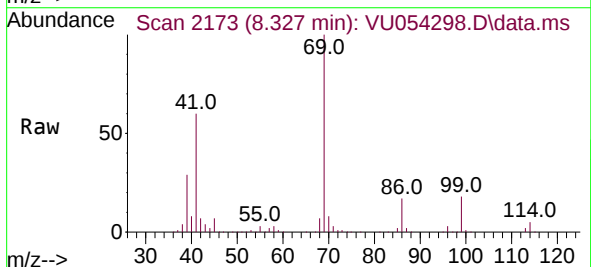
APPROVED

Reviewed By :John Carlone 05/30/2023

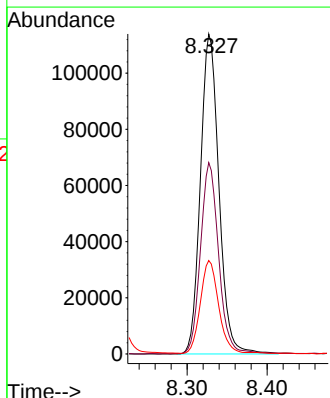
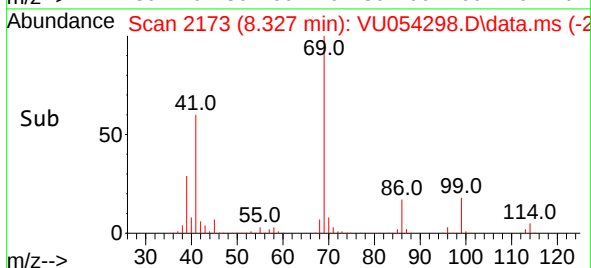
Supervised By :Mahesh Dadoda 05/31/2023

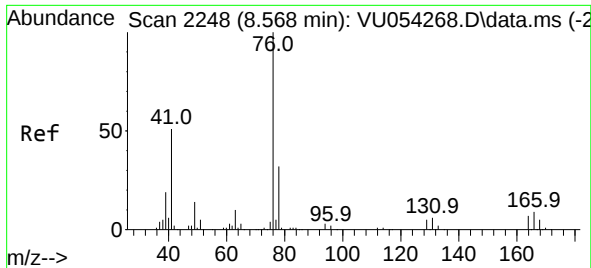


#56
Ethyl methacrylate
Concen: 48.799 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



Tgt Ion: 69 Resp: 183668
Ion Ratio Lower Upper
69 100
41 58.9 45.4 68.0
39 28.4 25.7 38.5





#57

1,3-Dichloropropane

Concen: 49.231 ug/l

RT: 8.568 min Scan# 21437

Delta R.T. 0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 76 Resp: 21437

Ion Ratio Lower Upper

76 100

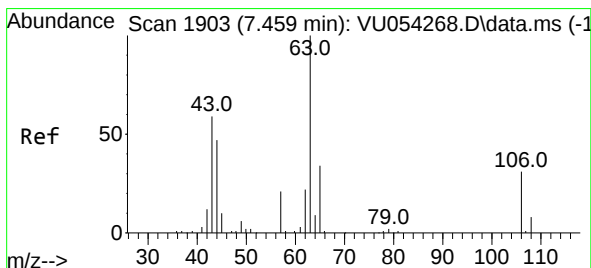
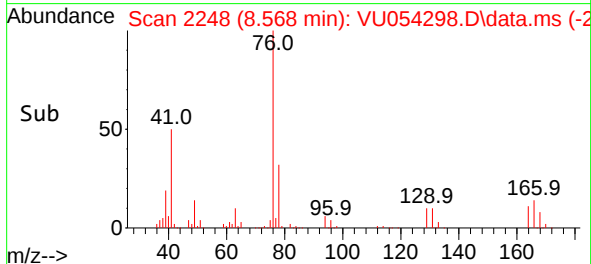
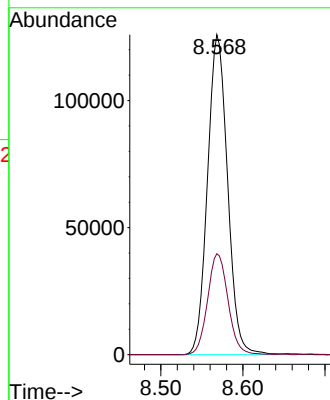
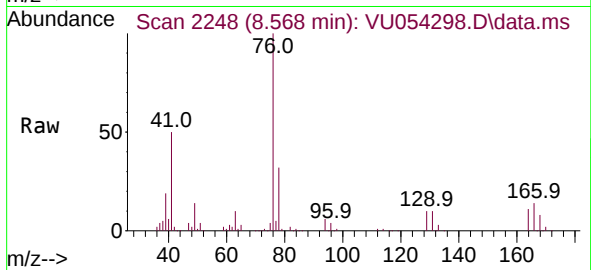
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 144.307 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054298.D

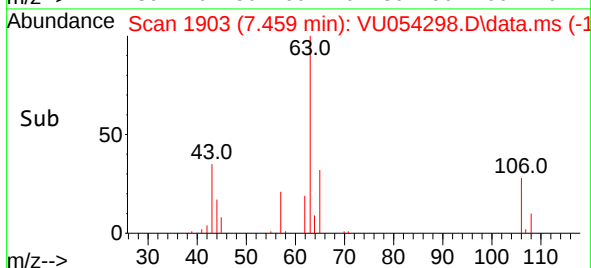
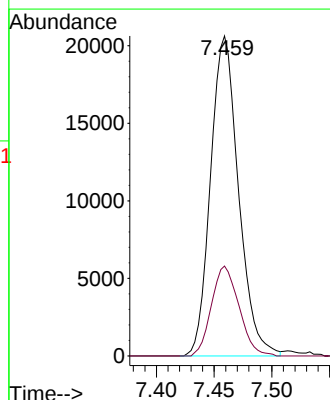
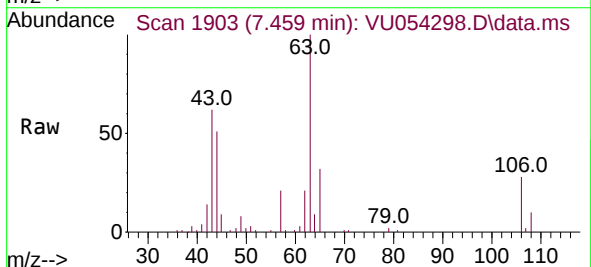
Acq: 26 May 2023 20:10

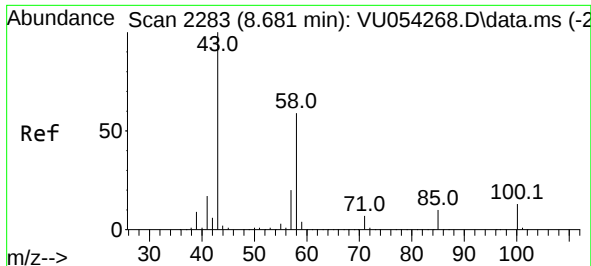
Tgt Ion: 63 Resp: 34823

Ion Ratio Lower Upper

63 100

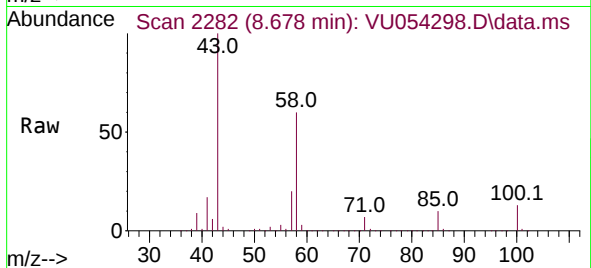
106 27.6 23.1 34.7





#59
2-Hexanone
Concen: 217.176 ug/l
RT: 8.678 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

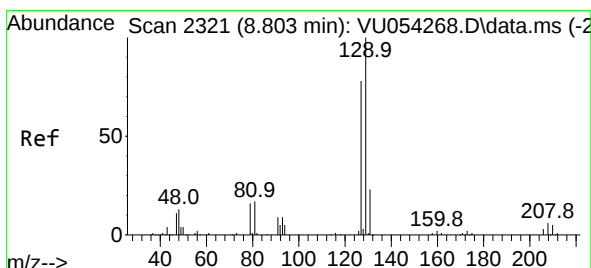
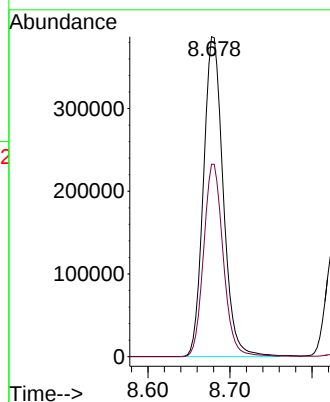
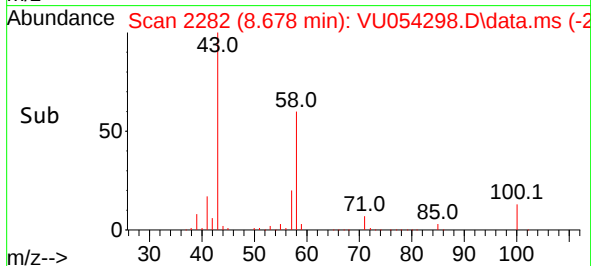
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



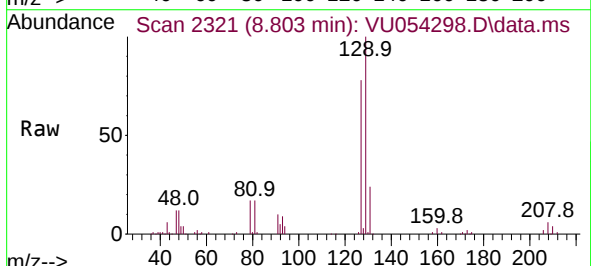
Tgt Ion: 43 Resp: 64561
Ion Ratio Lower Upper
43 100
58 59.8 30.3 90.8

Manual Integrations
APPROVED

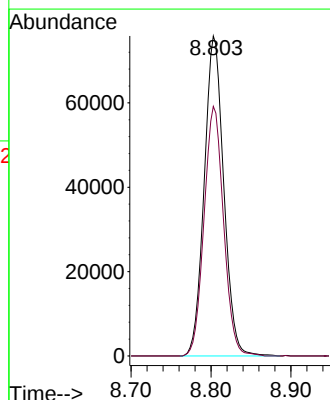
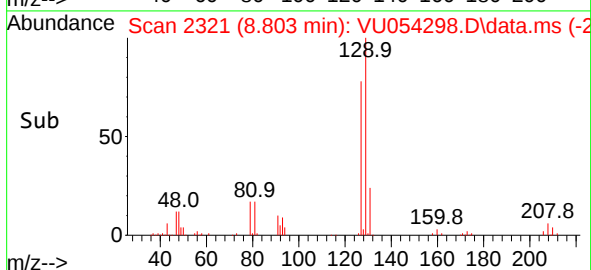
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

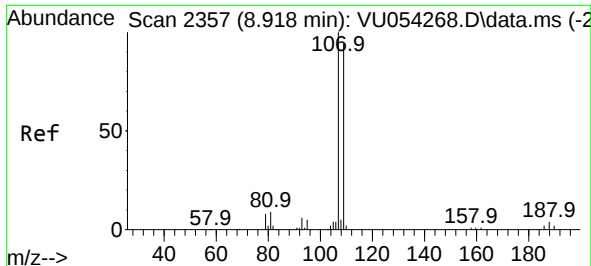


#60
Dibromochloromethane
Concen: 50.202 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



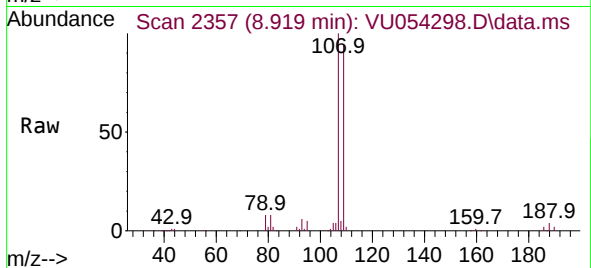
Tgt Ion:129 Resp: 128966
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.457 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

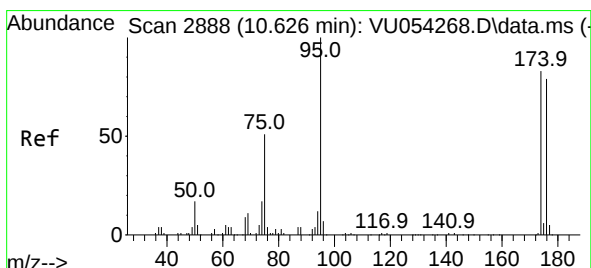
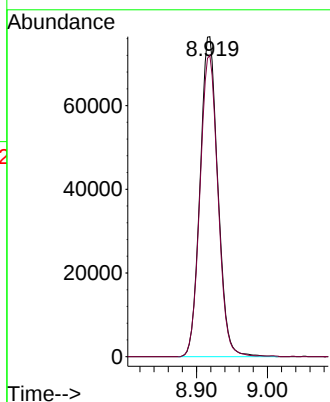
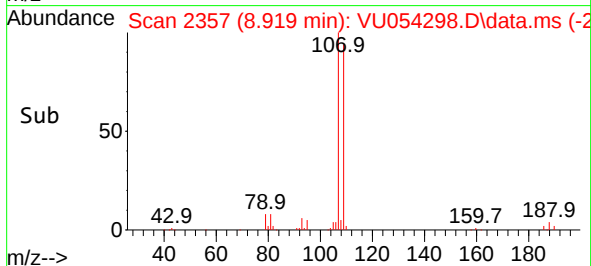
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion:107 Resp: 133340
Ion Ratio Lower Upper
107 100
109 95.1 75.1 112.7

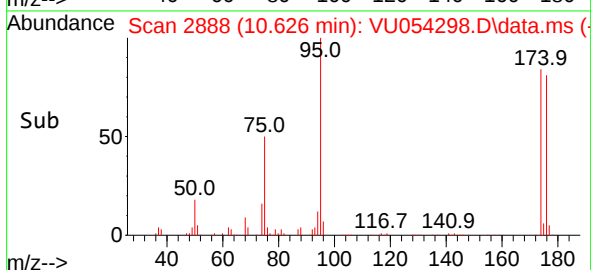
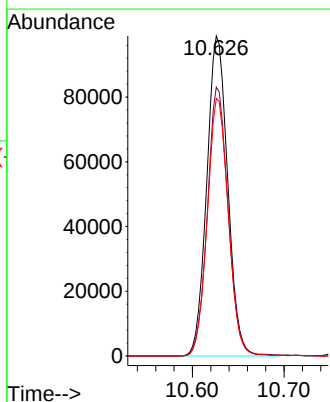
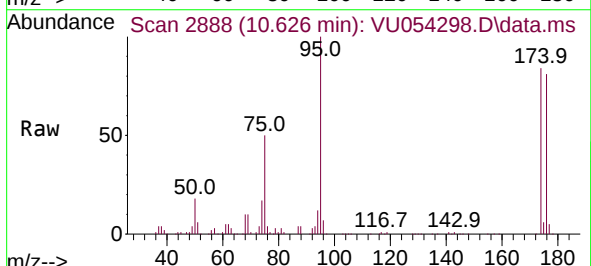
Manual Integrations
APPROVED

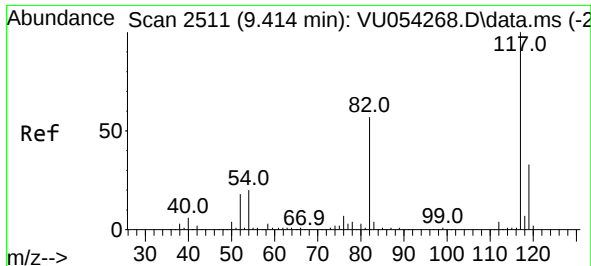
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#62
4-Bromofluorobenzene
Concen: 49.794 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

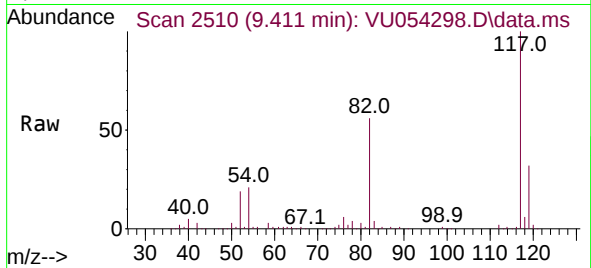
Tgt Ion: 95 Resp: 156849
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.0
176 80.5 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

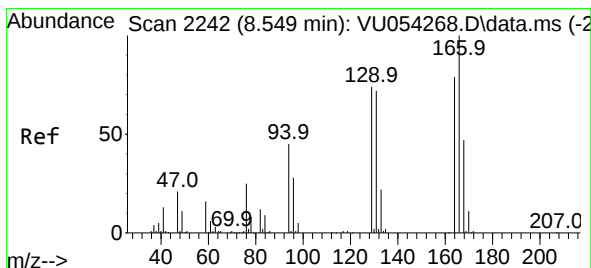
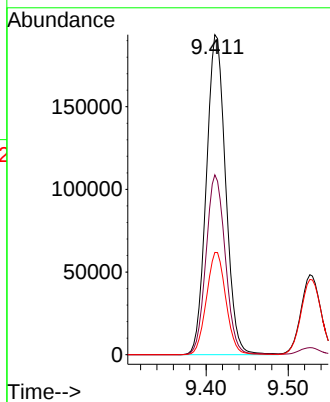
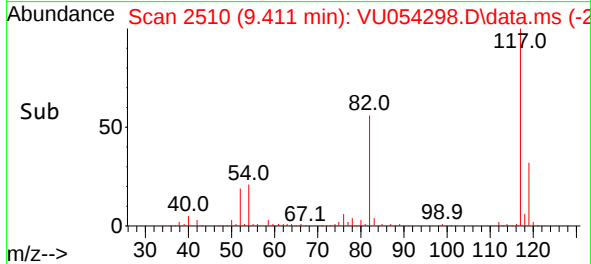
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion:117 Resp: 31626
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 32.0 25.7 38.5

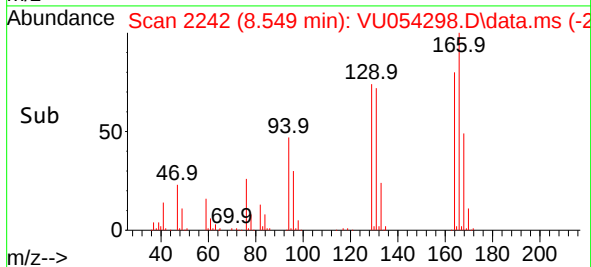
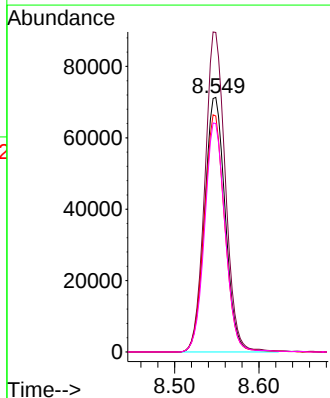
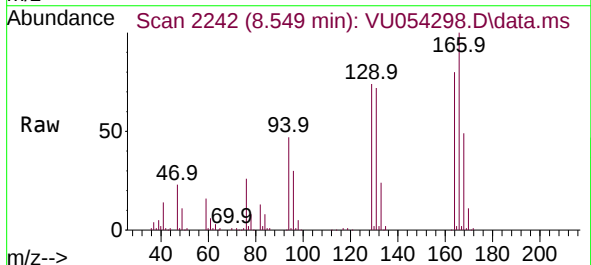
Manual Integrations
APPROVED

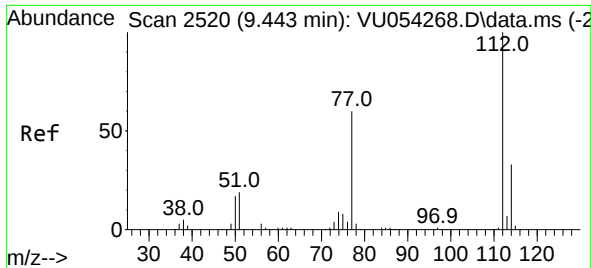
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#64
Tetrachloroethene
Concen: 51.345 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

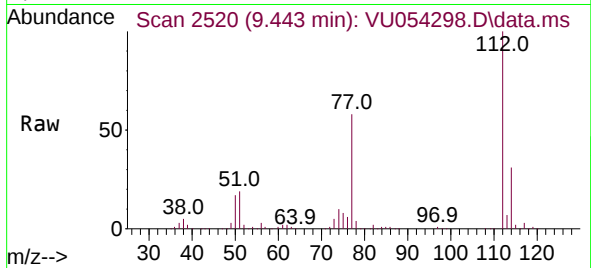
Tgt Ion:164 Resp: 122216
Ion Ratio Lower Upper
164 100
166 125.5 100.0 150.0
129 92.7 72.0 108.0
131 89.8 69.7 104.5





#65
Chlorobenzene
Concen: 47.632 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

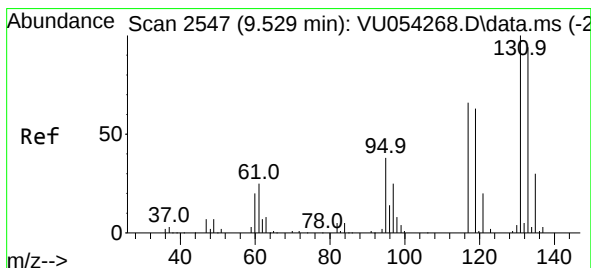
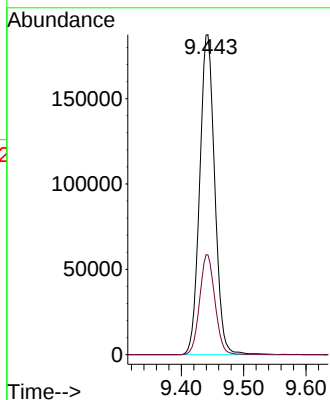
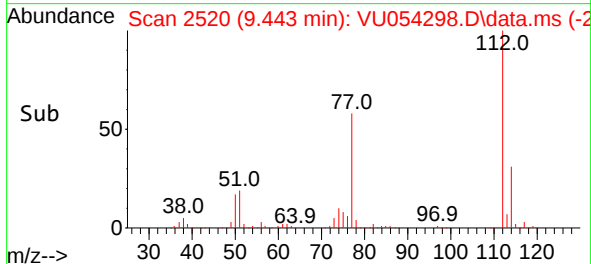
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



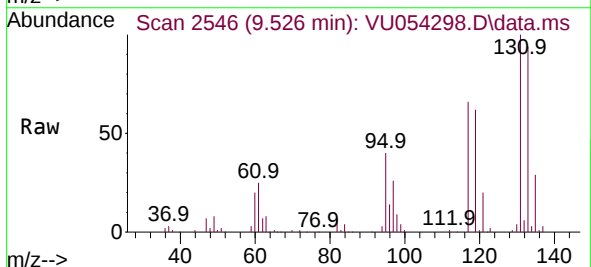
Tgt Ion:112 Resp: 314930
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3

Manual Integrations
APPROVED

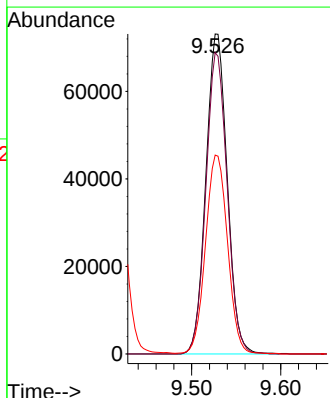
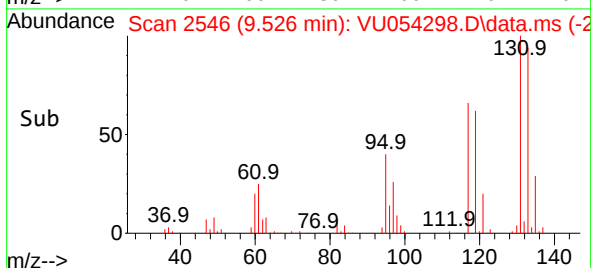
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

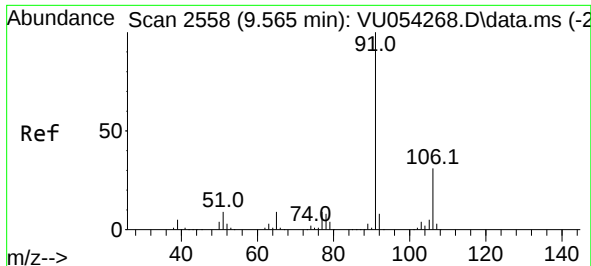


#66
1,1,1,2-Tetrachloroethane
Concen: 50.678 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



Tgt Ion:131 Resp: 121555
Ion Ratio Lower Upper
131 100
133 94.0 48.4 145.0
119 64.0 33.9 101.6





#67

Ethyl Benzene

Concen: 49.124 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS

Tgt Ion: 91 Resp: 555280

Ion Ratio Lower Upper

91 100

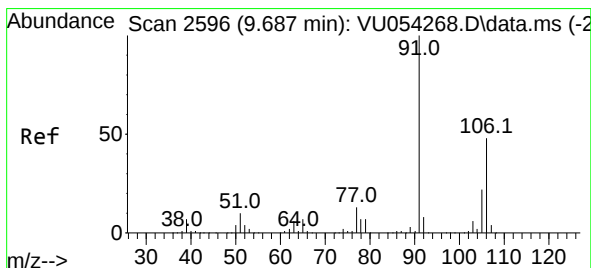
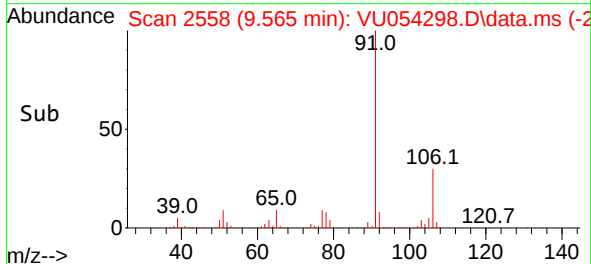
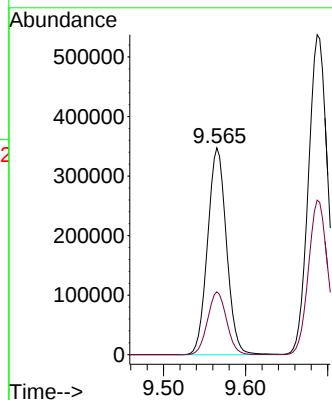
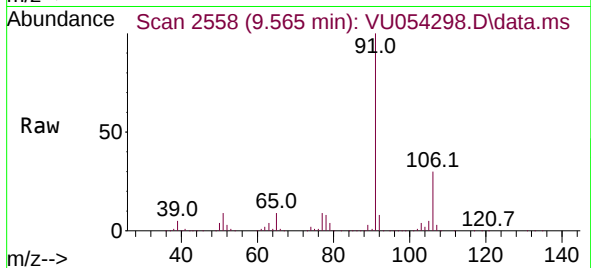
106 30.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#68

m/p-Xylenes

Concen: 100.554 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054298.D

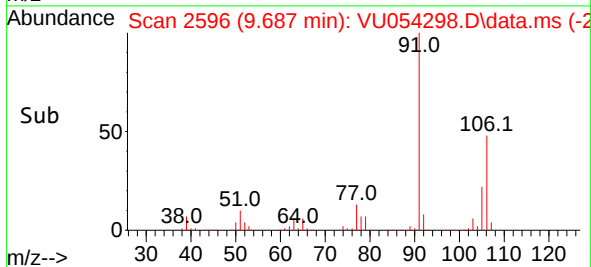
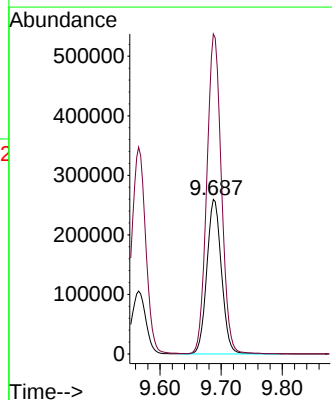
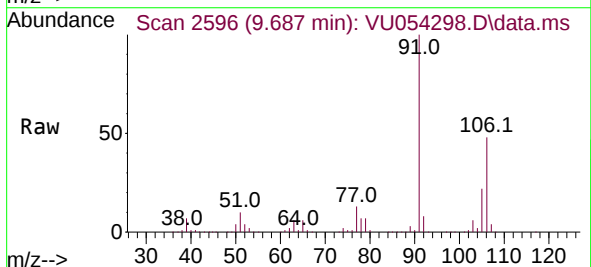
Acq: 26 May 2023 20:10

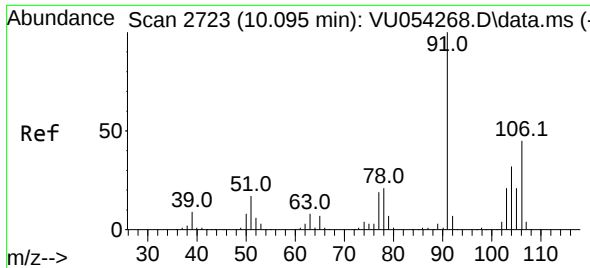
Tgt Ion:106 Resp: 430839

Ion Ratio Lower Upper

106 100

91 207.0 157.2 235.8





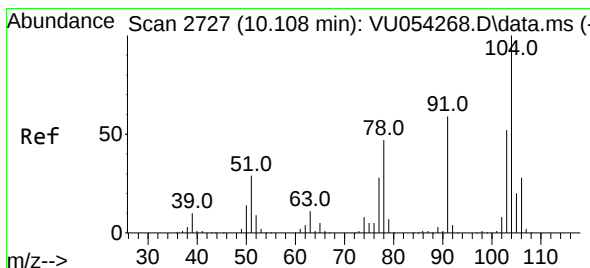
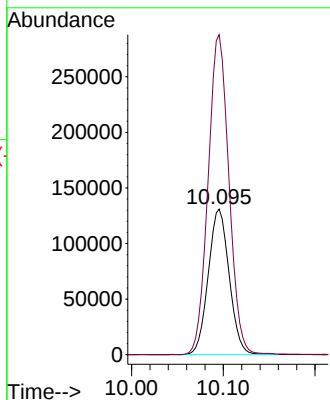
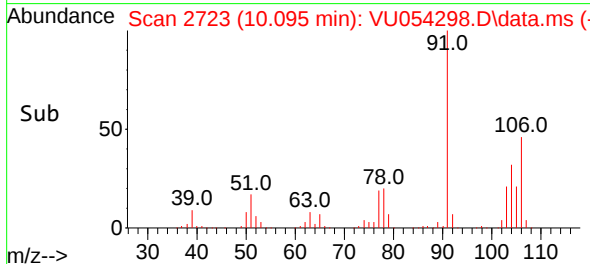
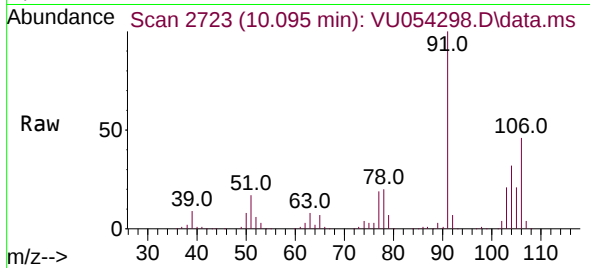
#69
o-Xylene
Concen: 50.044 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion:106 Resp: 20756
Ion Ratio Lower Upper
106 100
91 219.7 103.5 310.5

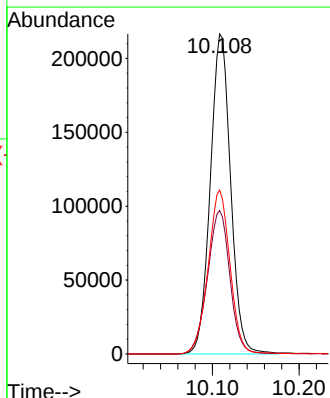
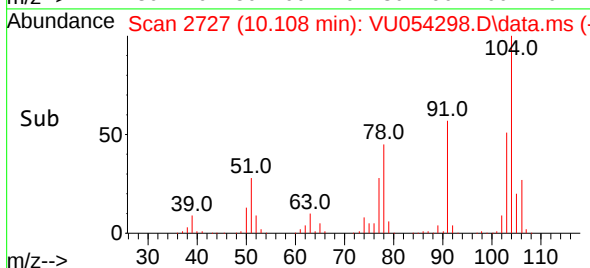
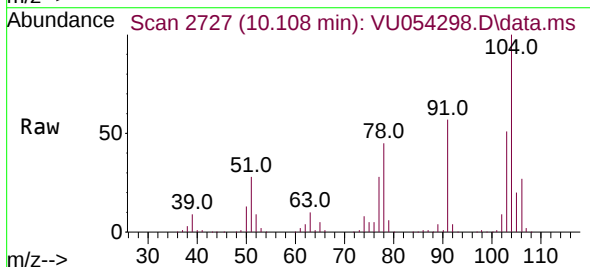
Manual Integrations
APPROVED

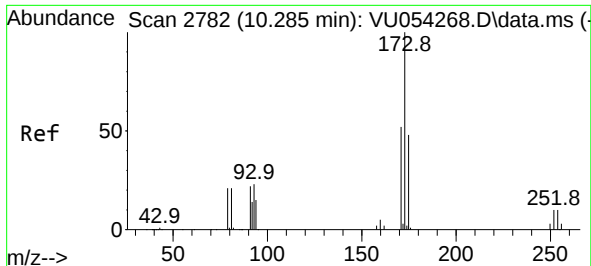
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#70
Styrene
Concen: 51.500 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

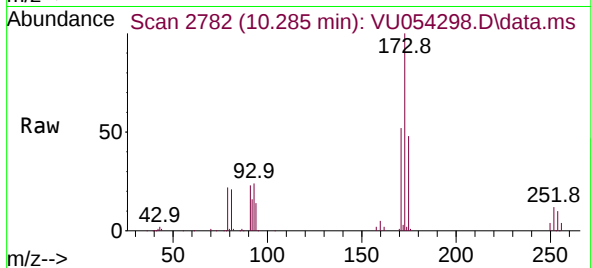
Tgt Ion:104 Resp: 354237
Ion Ratio Lower Upper
104 100
78 49.4 38.0 57.0
103 55.0 43.9 65.9





#71
Bromoform
Concen: 47.948 ug/l
RT: 10.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

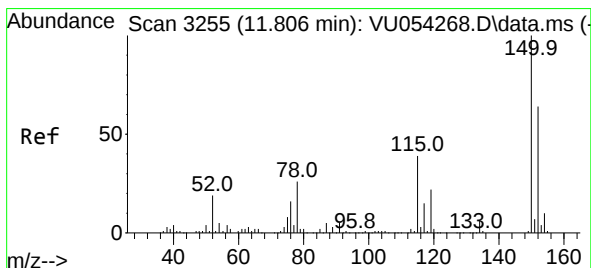
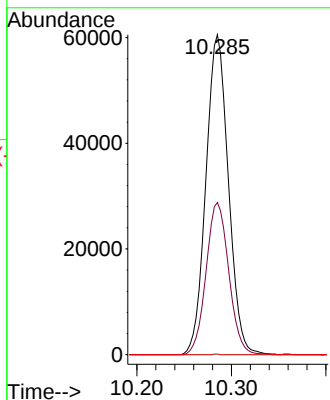
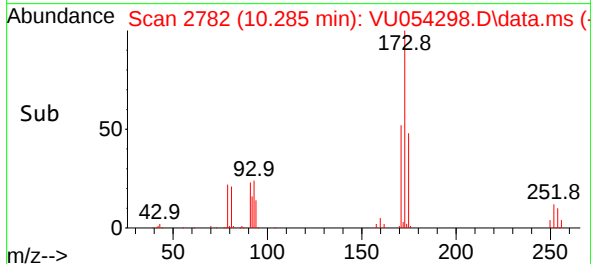
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion:173 Resp: 99940
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.1 0.1

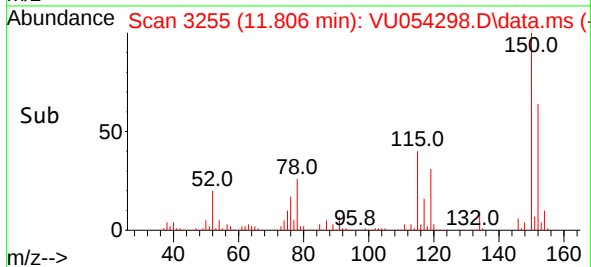
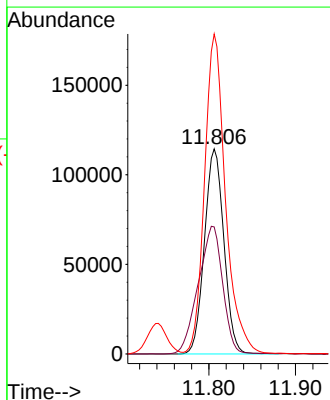
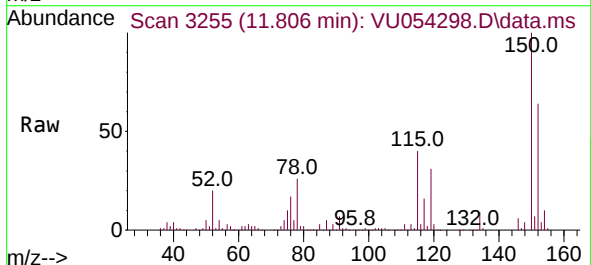
Manual Integrations
APPROVED

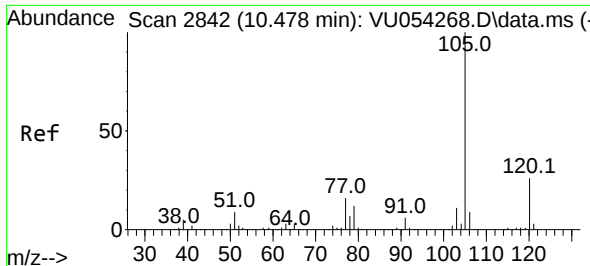
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion:152 Resp: 178738
Ion Ratio Lower Upper
152 100
115 78.1 37.0 110.9
150 167.8 0.0 342.2





#73
Isopropylbenzene
Concen: 49.142 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

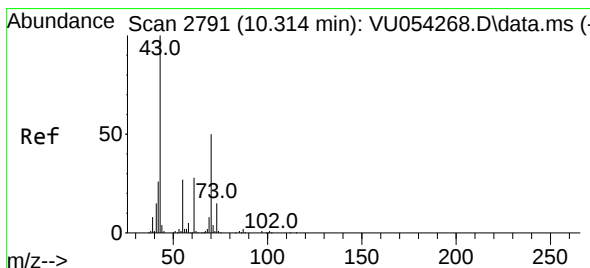
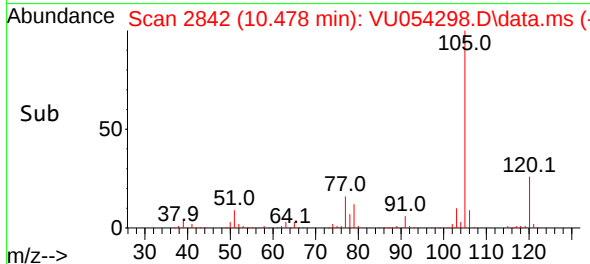
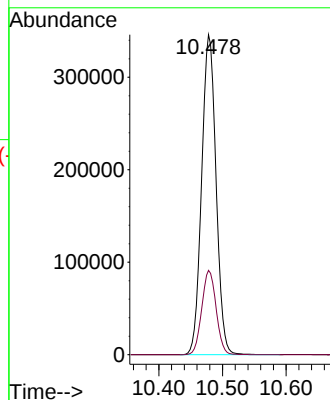
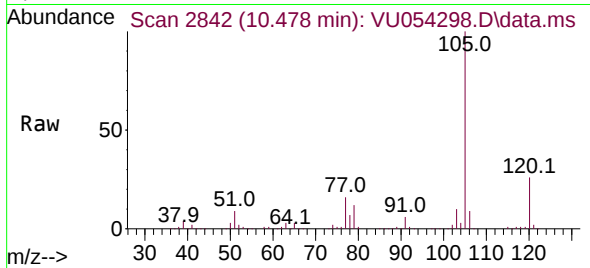
56BR-20230524MS

Tgt Ion:105 Resp: 543980
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4

Manual Integrations

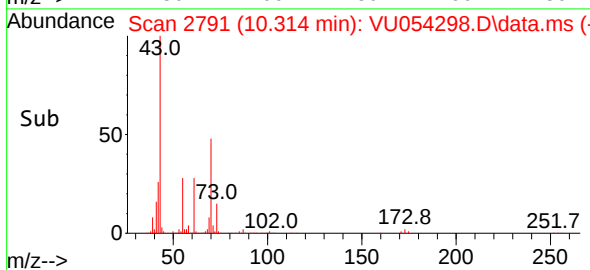
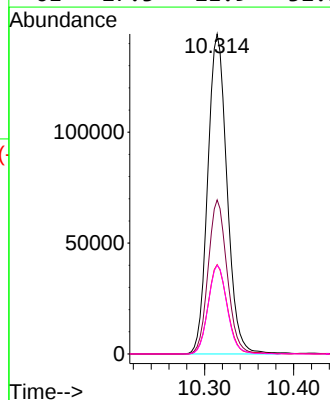
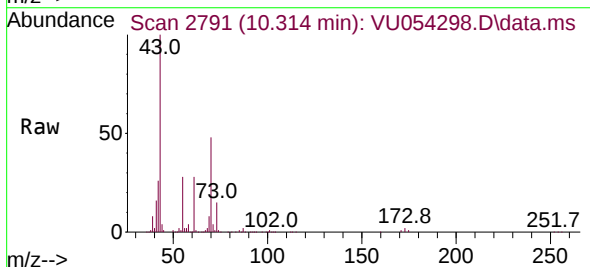
APPROVED

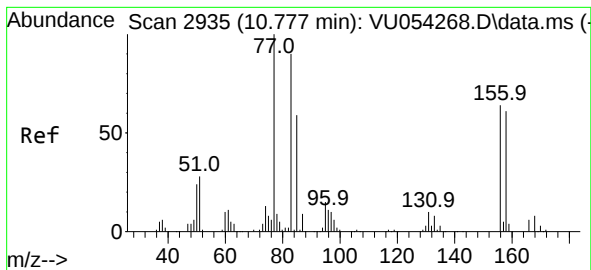
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#74
N-ethyl acetate
Concen: 46.011 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 43 Resp: 216262
Ion Ratio Lower Upper
43 100
70 47.6 38.7 58.1
55 27.9 21.8 32.8
61 27.3 21.9 32.9





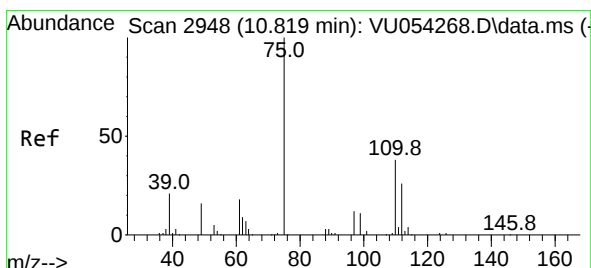
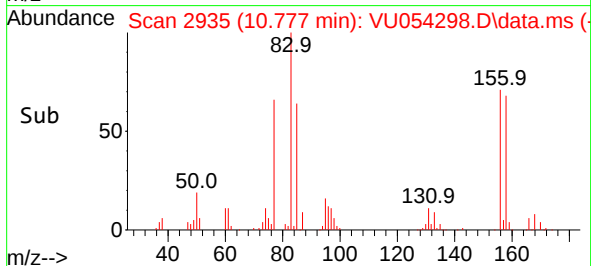
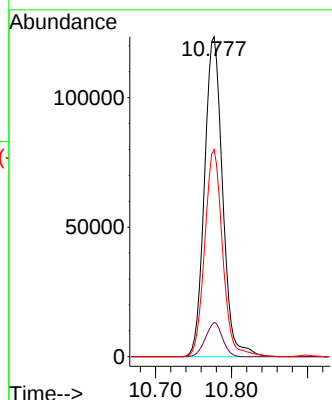
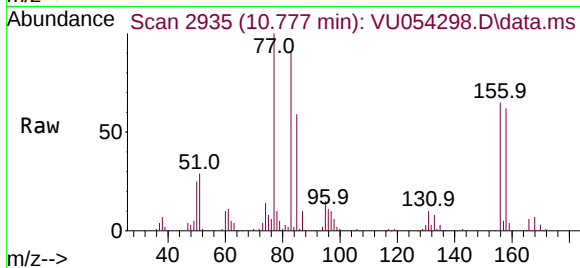
#75
1,1,2,2-Tetrachloroethane
Concen: 45.578 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion: 83 Resp: 204148
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 64.0 32.2 96.6

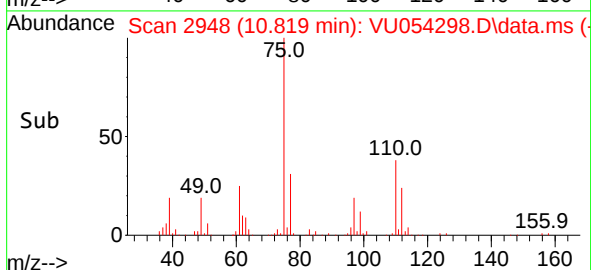
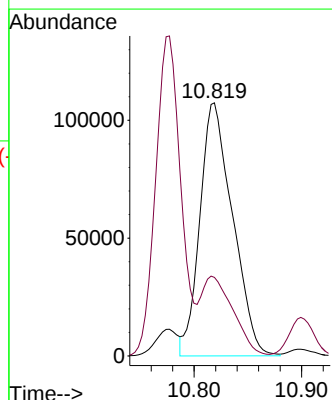
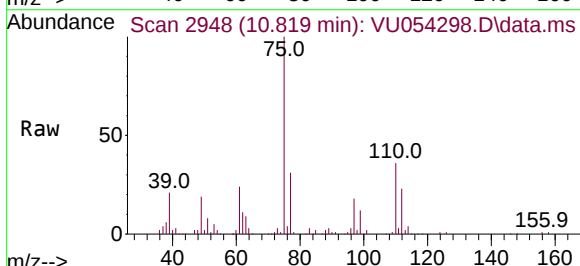
Manual Integrations
APPROVED

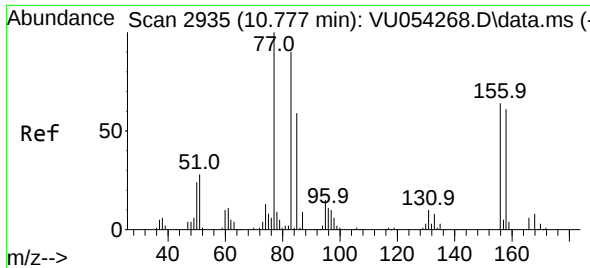
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#76
1,2,3-Trichloropropane
Concen: 43.598 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 75 Resp: 227437
Ion Ratio Lower Upper
75 100
77 29.8 15.8 47.3





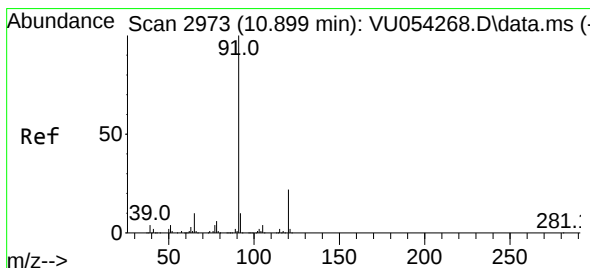
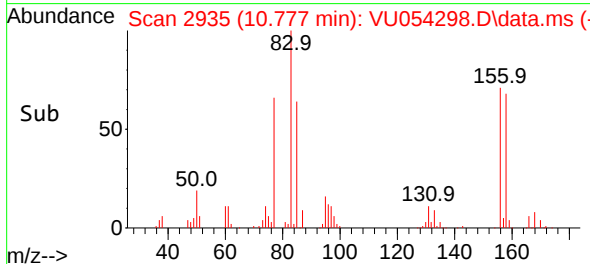
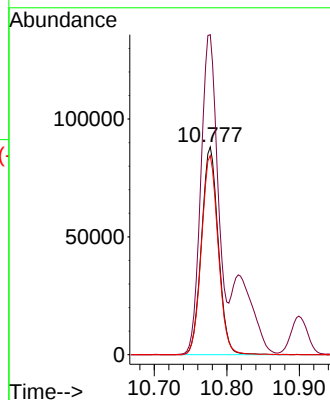
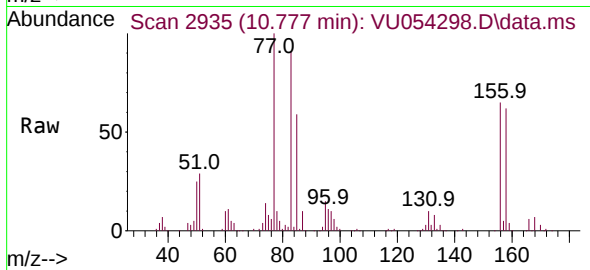
#77
Bromobenzene
Concen: 46.736 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion:156 Resp: 142060
Ion Ratio Lower Upper
156 100
77 157.6 71.9 215.6
158 95.4 48.9 146.8

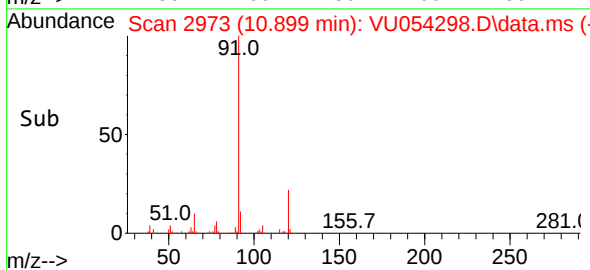
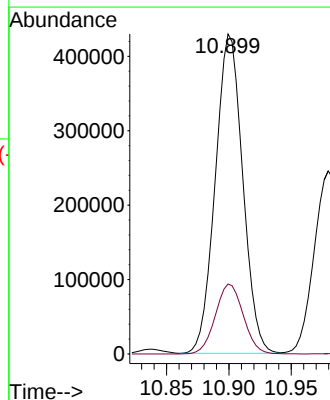
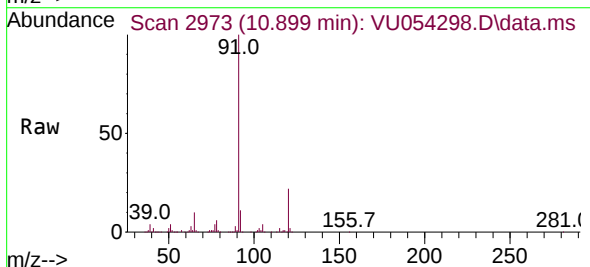
Manual Integrations
APPROVED

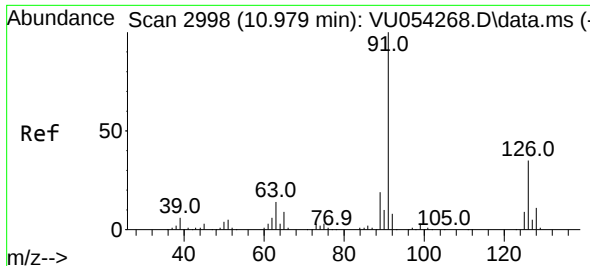
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#78
n-propylbenzene
Concen: 48.432 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion: 91 Resp: 656747
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





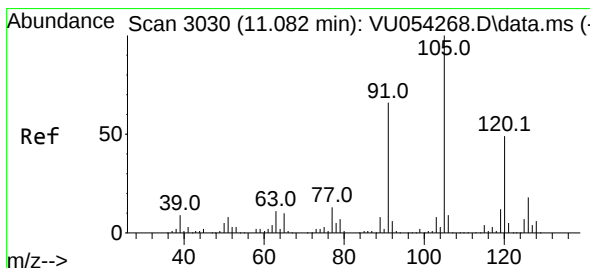
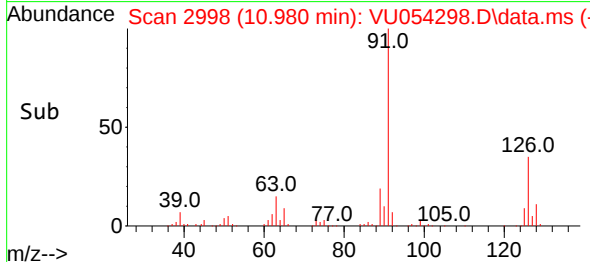
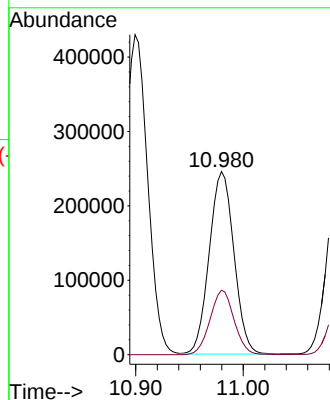
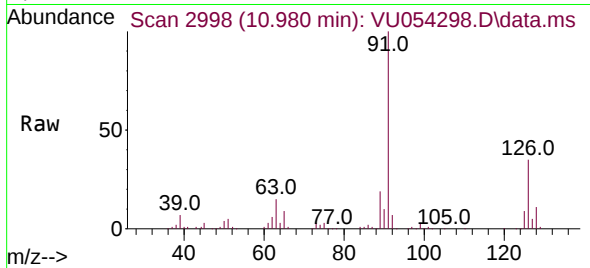
#79
2-Chlorotoluene
Concen: 47.716 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS

Tgt Ion: 91 Resp: 391729
Ion Ratio Lower Upper
91 100
126 34.3 18.4 55.0

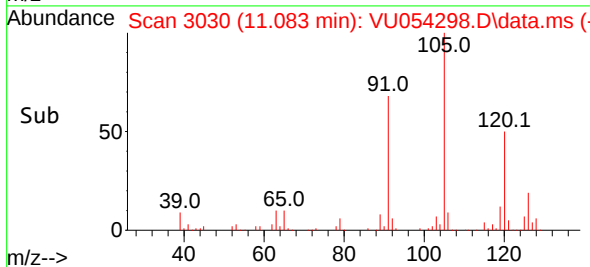
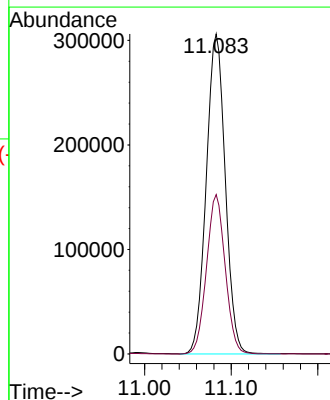
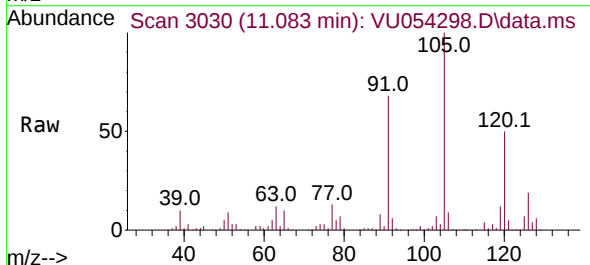
Manual Integrations
APPROVED

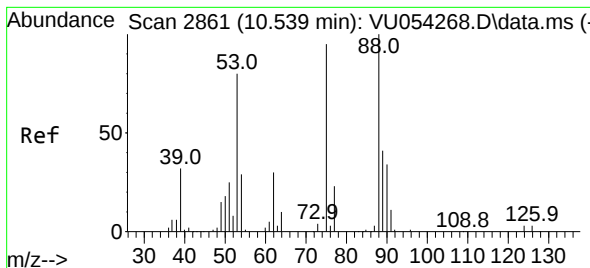
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.543 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

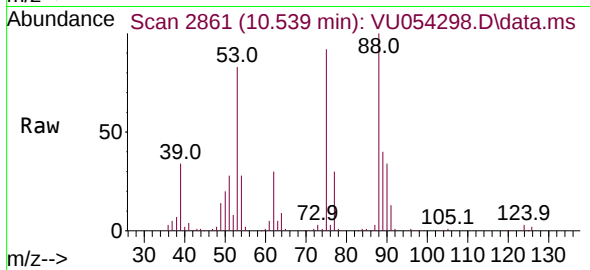
Tgt Ion:105 Resp: 466382
Ion Ratio Lower Upper
105 100
120 49.0 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 41.885 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

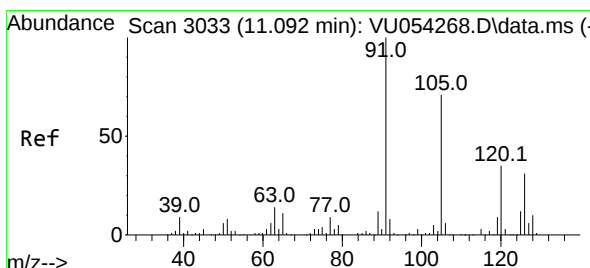
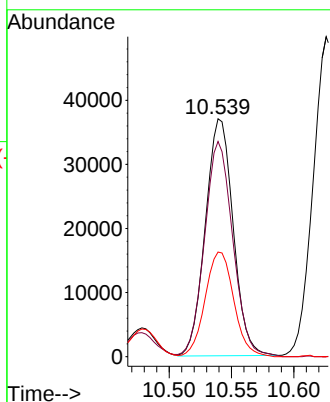
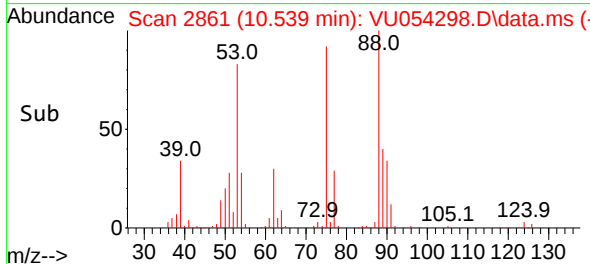
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 75 Resp: 57380
Ion Ratio Lower Upper
75 100
53 92.8 69.2 103.8
89 45.6 37.0 55.6

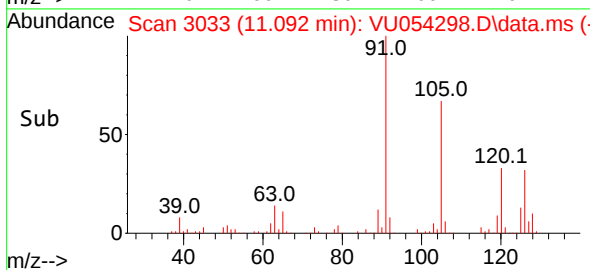
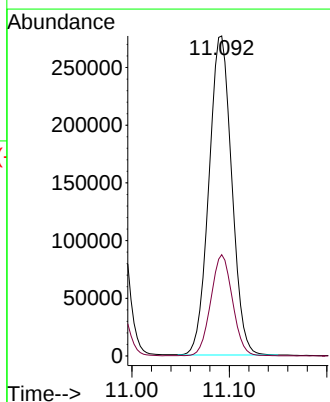
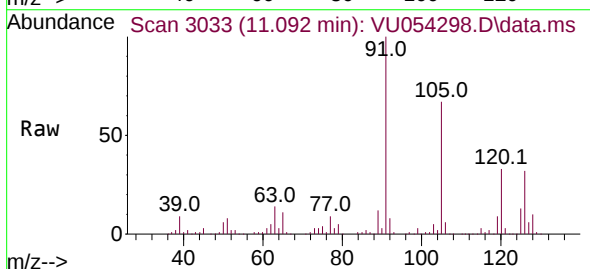
Manual Integrations
APPROVED

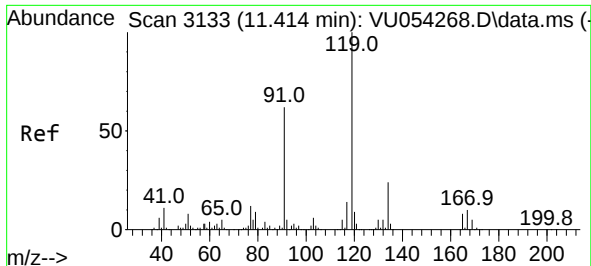
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#82
4-Chlorotoluene
Concen: 46.650 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

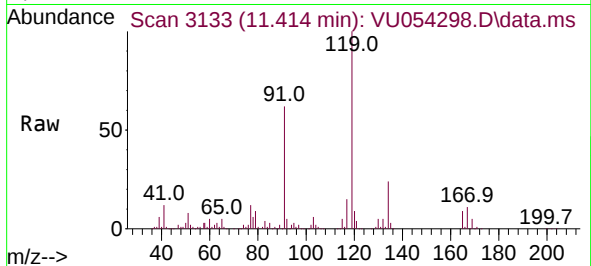
Tgt Ion: 91 Resp: 449359
Ion Ratio Lower Upper
91 100
126 30.2 16.1 48.2





#83
tert-Butylbenzene
Concen: 47.426 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

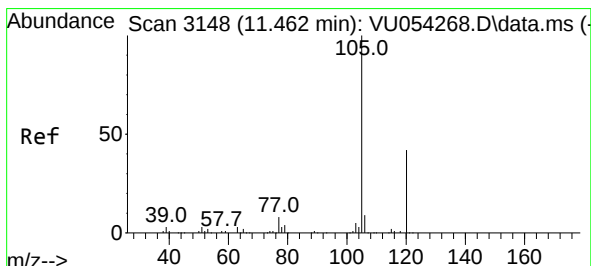
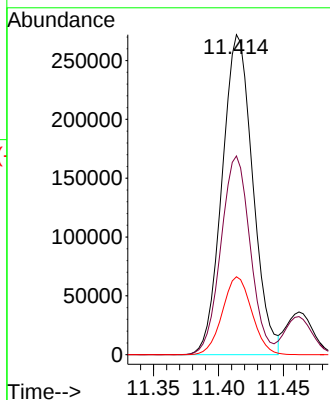
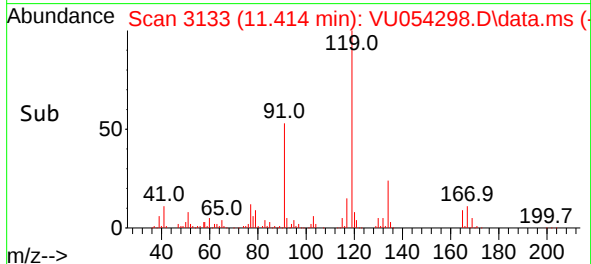
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion:119 Resp: 446442
Ion Ratio Lower Upper
119 100
91 59.5 26.8 80.3
134 23.4 11.5 34.5

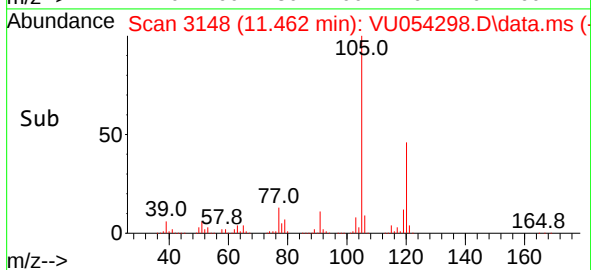
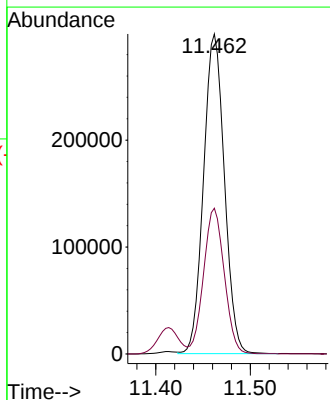
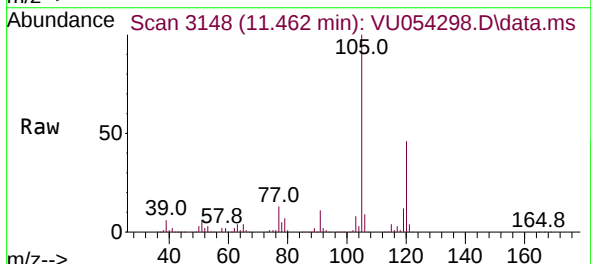
Manual Integrations
APPROVED

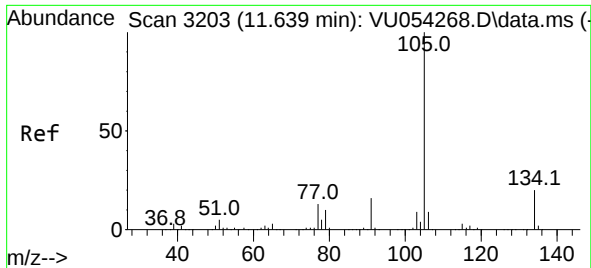
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.924 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

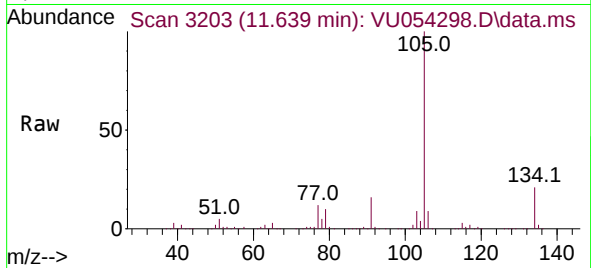
Tgt Ion:105 Resp: 458194
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 47.913 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

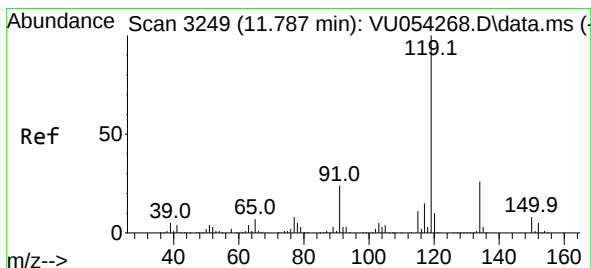
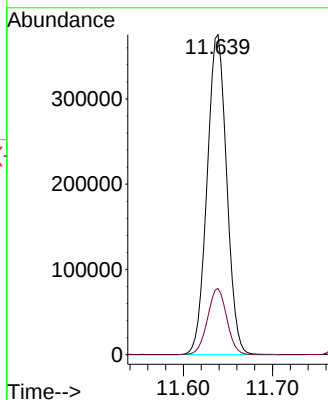
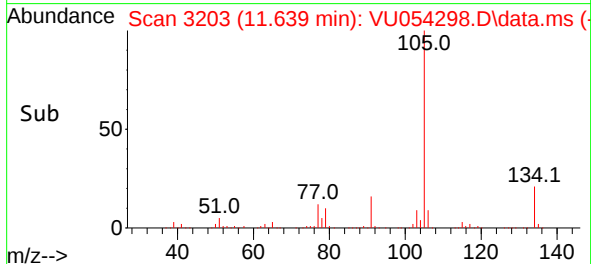
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS



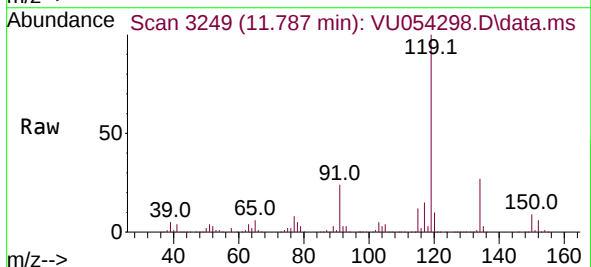
Tgt Ion:105 Resp: 572304
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations
 APPROVED

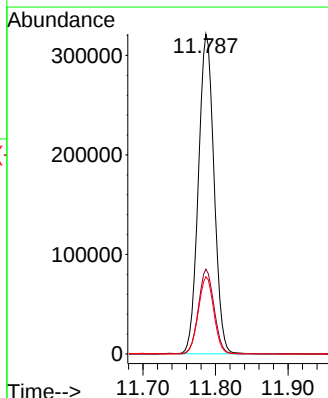
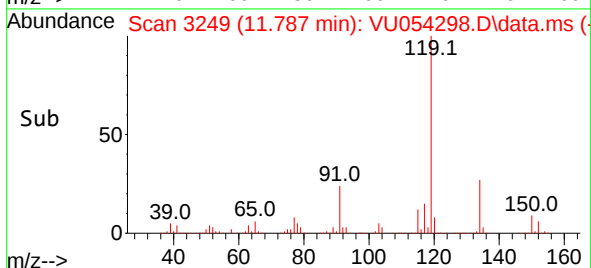
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

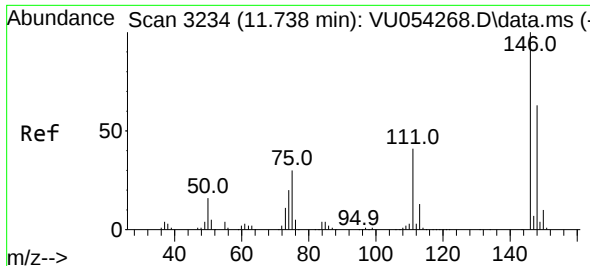


#86
 p-Isopropyltoluene
 Concen: 47.886 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10



Tgt Ion:119 Resp: 481083
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 44.701 ug/l

RT: 11.738 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054298.D

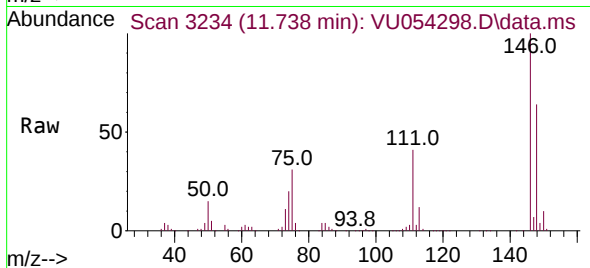
Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS



Tgt Ion:146 Resp: 263090

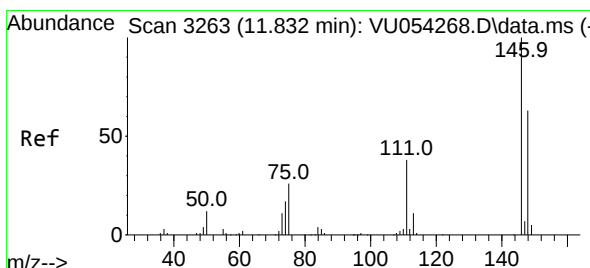
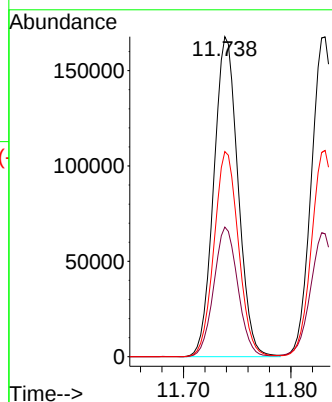
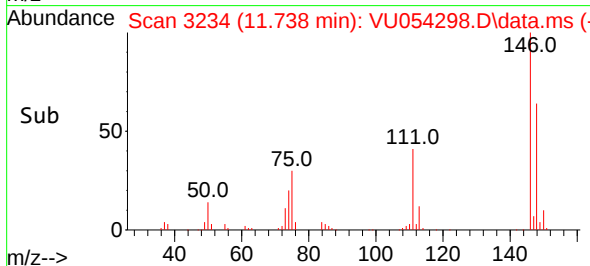
Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.5
148	64.6	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#88

1,4-Dichlorobenzene

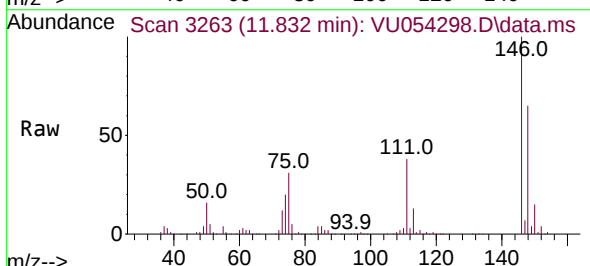
Concen: 43.460 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

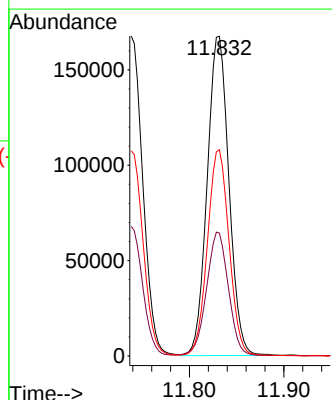
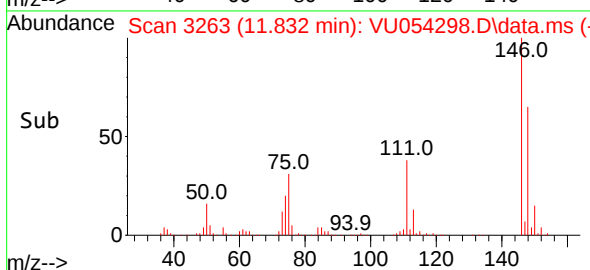
Lab File: VU054298.D

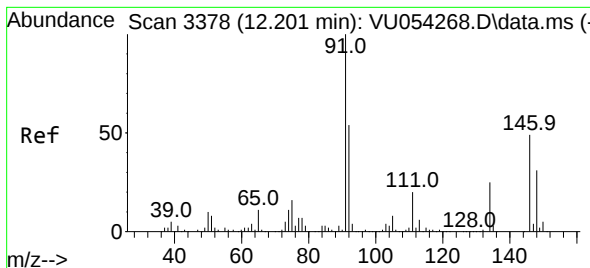
Acq: 26 May 2023 20:10



Tgt Ion:146 Resp: 267227

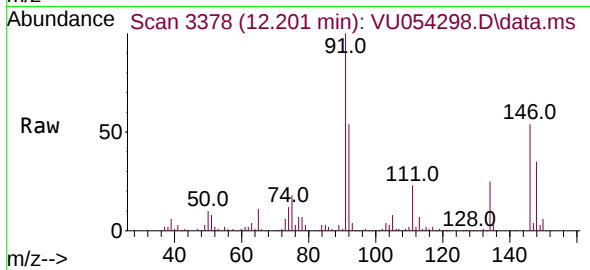
Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.5	55.5
148	64.8	31.9	95.7





#89
n-Butylbenzene
Concen: 43.767 ug/l
RT: 12.201 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

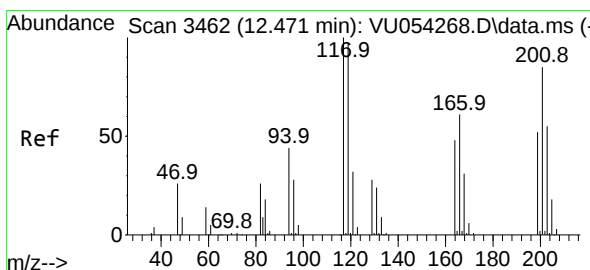
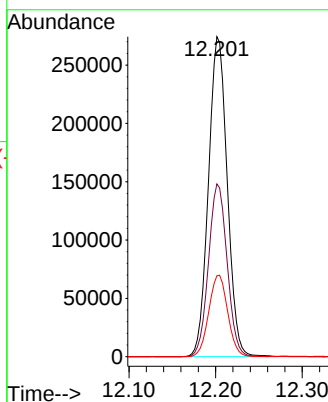
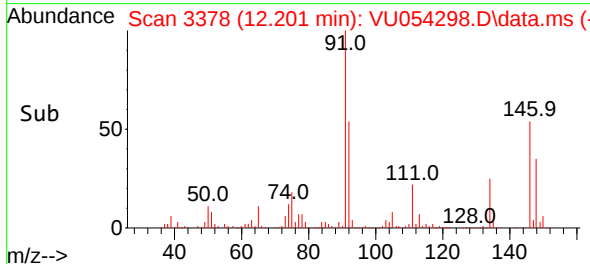
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



Tgt Ion: 91 Resp: 41389
Ion Ratio Lower Upper
91 100
92 53.7 26.2 78.6
134 25.6 13.5 40.4

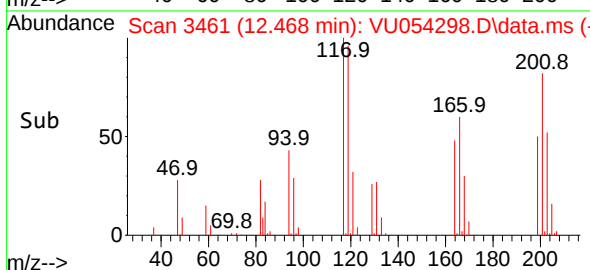
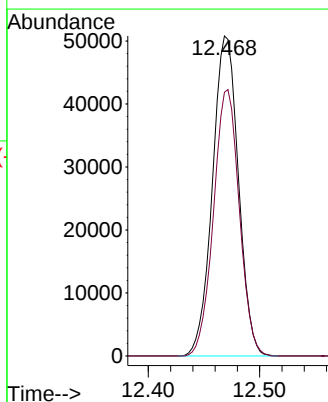
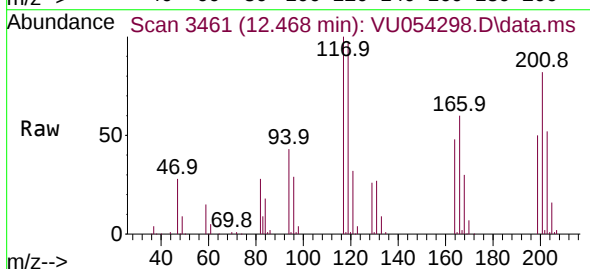
Manual Integrations
APPROVED

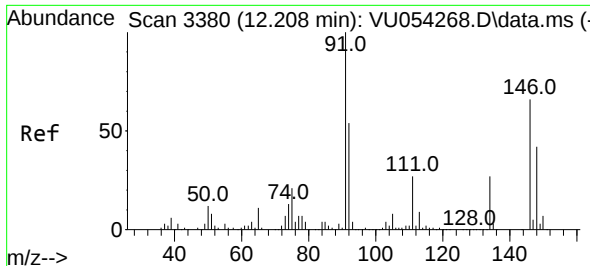
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#90
Hexachloroethane
Concen: 46.289 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

Tgt Ion:117 Resp: 82270
Ion Ratio Lower Upper
117 100
201 82.6 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 45.764 ug/l

RT: 12.205 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054298.D

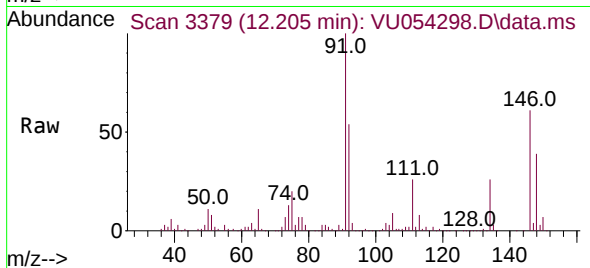
Acq: 26 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

56BR-20230524MS



Tgt Ion:146 Resp: 264980

Ion Ratio Lower Upper

146 100

111 41.9 19.9 59.6

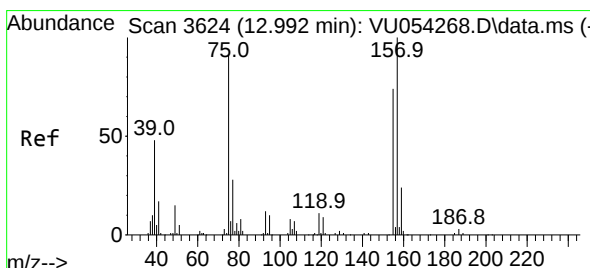
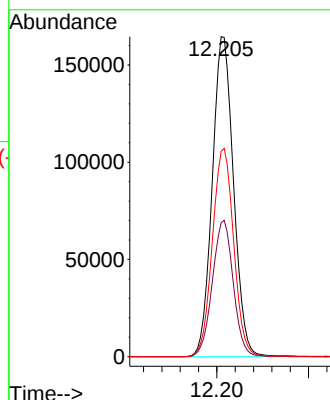
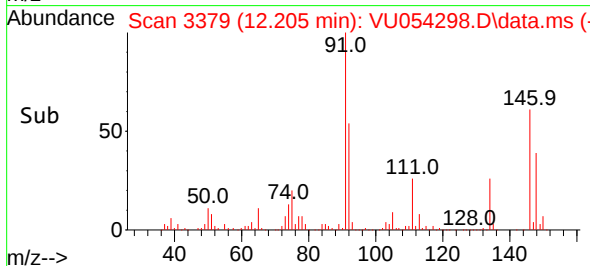
148 65.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.008 ug/l

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU054298.D

Acq: 26 May 2023 20:10

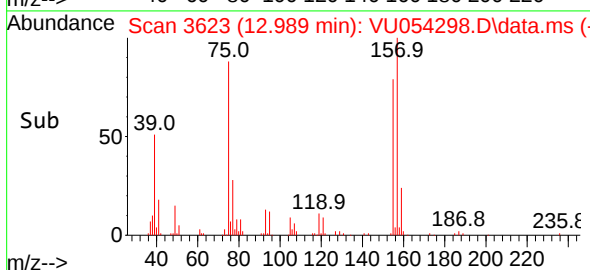
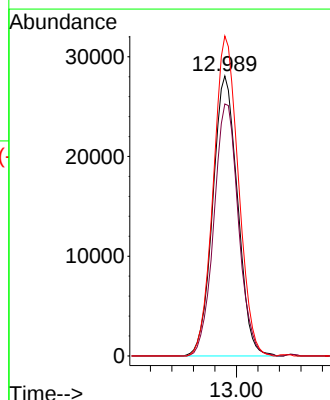
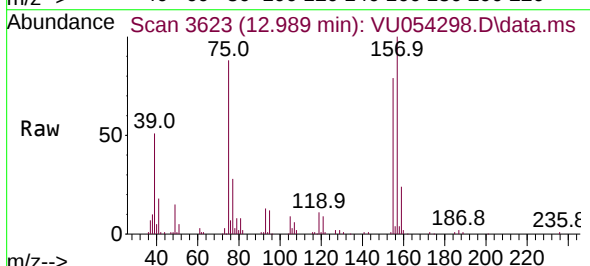
Tgt Ion: 75 Resp: 44955

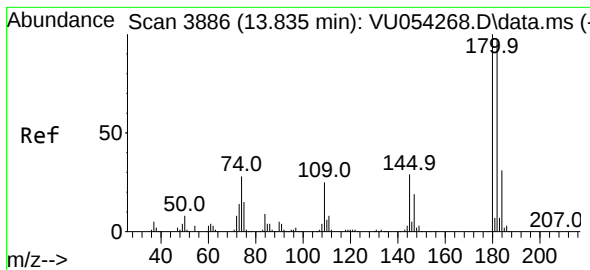
Ion Ratio Lower Upper

75 100

155 89.1 47.8 143.4

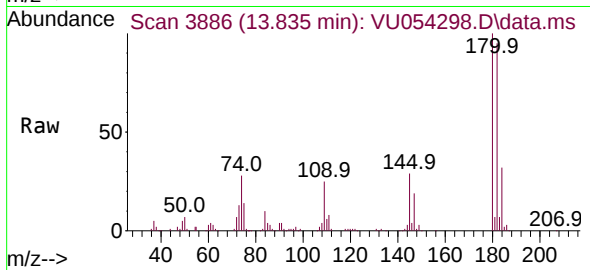
157 115.1 62.2 186.5





#93
 1,2,4-Trichlorobenzene
 Concen: 43.527 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

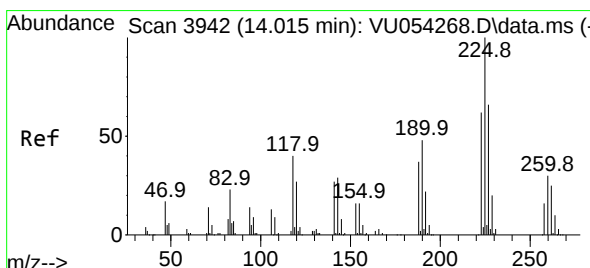
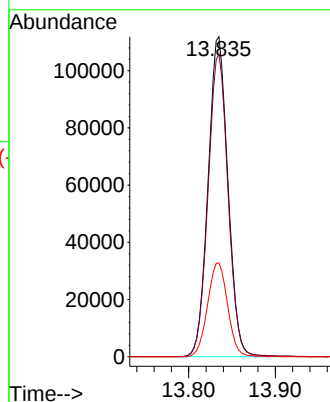
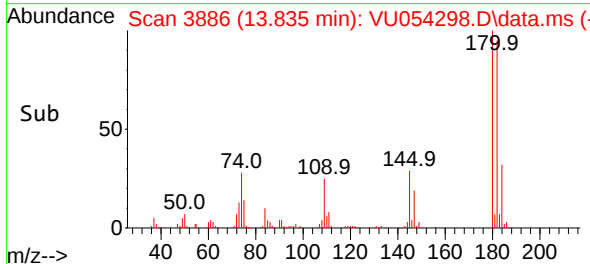
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS



Tgt Ion:180 Resp: 17804
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 29.6 14.0 41.9

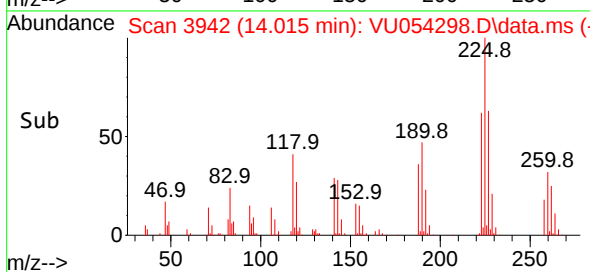
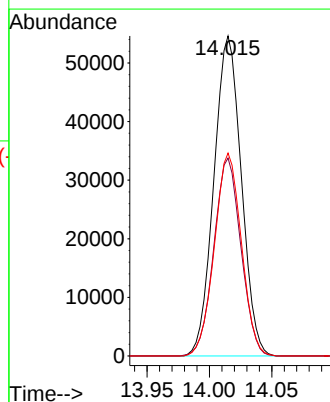
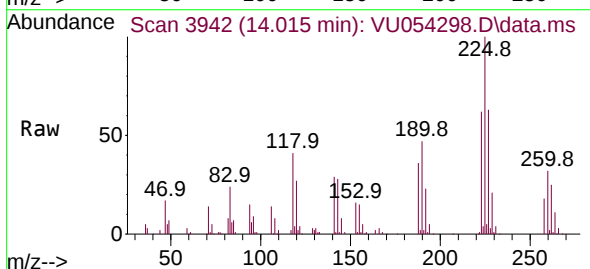
Manual Integrations
 APPROVED

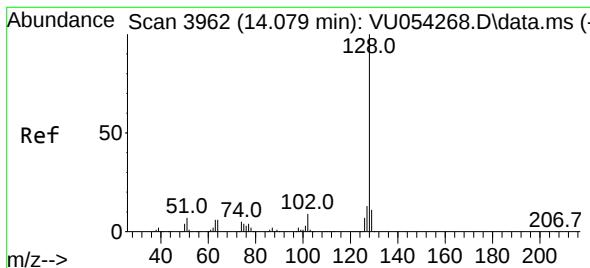
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#94
 Hexachlorobutadiene
 Concen: 44.036 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054298.D
 Acq: 26 May 2023 20:10

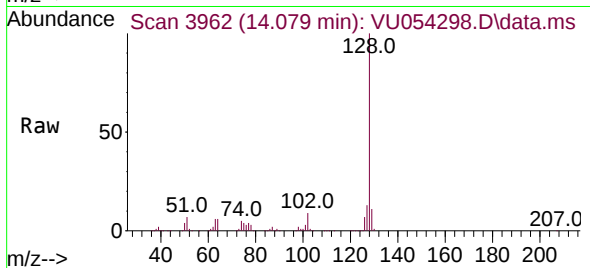
Tgt Ion:225 Resp: 83713
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.3 93.9
 227 62.3 32.0 96.2





#95
Naphthalene
Concen: 42.006 ug/l
RT: 14.079 min Scan# 3962
Delta R.T. 0.000 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10

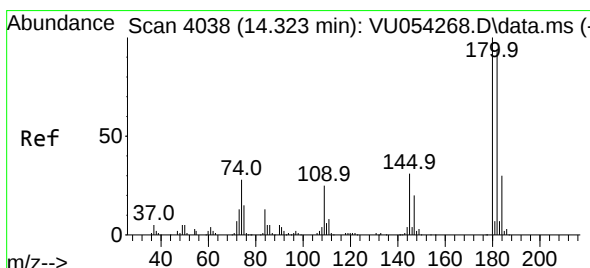
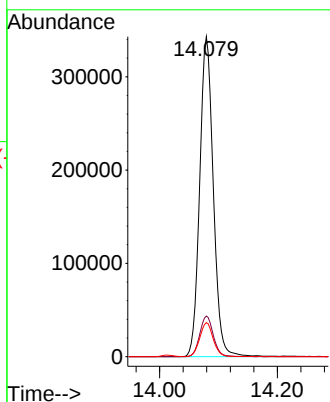
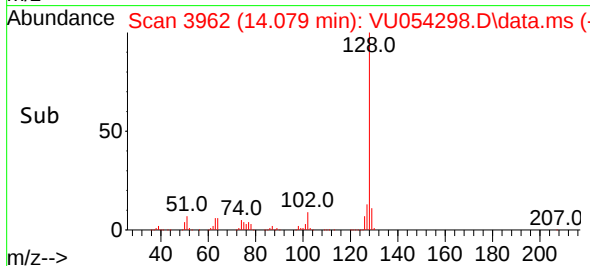
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524MS



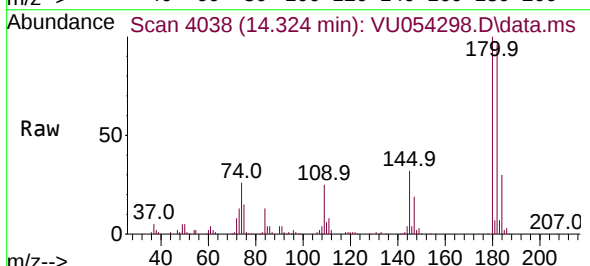
Tgt Ion:128 Resp: 550940
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.711 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.001 min
Lab File: VU054298.D
Acq: 26 May 2023 20:10



Tgt Ion:180 Resp: 181568
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 31.0 14.8 44.4

