

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054892.D
 Acq On : 27 Jul 2023 11:44
 Operator : MD/SY
 Sample : VU0727WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 05:43:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.116	96	26474	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8747	1.090	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9978	1.100	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	9343	1.853	ug/l	87
3) Chloromethane	1.518	50	11391	2.011	ug/l	96
4) Vinyl Chloride	1.599	62	15404	2.037	ug/l	98
5) Bromomethane	1.856	94	12695	2.116	ug/l	93
6) Chloroethane	1.930	64	12843	1.643	ug/l	95
7) Trichlorofluoromethane	2.136	101	31872	1.794	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	11676	2.028	ug/l	94
9) 1,1-Dichloroethene	2.576	96	8958	1.960	ug/l	90
10) Iodomethane	2.717	142	11440	1.603	ug/l	93
11) Allyl Chloride	2.923	41	10942	2.003	ug/l	97
12) Acrylonitrile	3.338	53	5256m	4.582	ug/l	
13) Acetone	2.644	43	11199	9.341	ug/l	97
14) Carbon Disulfide	2.788	76	14653	1.850	ug/l	96
15) Methylene Chloride	3.042	84	13975	2.356	ug/l	96
16) trans-1,2-Dichloroethene	3.351	96	10322	2.074	ug/l	99
17) 1,1-Dichloroethane	3.869	63	21671	1.947	ug/l	99
18) 2-Butanone	4.717	43	16299	10.777	ug/l	92
19) Cyclohexane	5.383	56	14059m	2.245	ug/l	
20) Methylcyclohexane	6.759	83	16455	1.965	ug/l	98
21) 2,2-Dichloropropane	4.656	77	20146	1.953	ug/l	99
22) cis-1,2-Dichloroethene	4.666	96	14019	2.120	ug/l	100
23) Diethyl Ether	2.377	59	13862	2.056	ug/l	97
24) tert-Butyl Alcohol	3.238	59	13779m	21.965	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	30716	2.172	ug/l	100
26) Bromochloromethane	4.971	128	5818	2.145	ug/l	96
27) Chloroform	5.084	83	25565	2.139	ug/l	97
28) 1,1,1-Trichloroethane	5.315	97	21001	2.035	ug/l	99
29) 1,1-Dichloropropene	5.524	75	15178	1.993	ug/l	96
30) Carbon Tetrachloride	5.521	117	17021	1.975	ug/l	97
31) Isopropyl Ether	3.988	45	32689	1.990	ug/l	92
32) Ethyl-t-butyl ether	4.499	59	33921	2.006	ug/l	94
33) Tert-Amyl methyl ether	5.936	73	33358	2.086	ug/l	99
34) Propionitrile	4.807	54	5303m	12.718	ug/l	
35) Benzene	5.775	78	48169	2.020	ug/l	97
36) 1,2-Dichloroethane	5.791	62	15056	2.220	ug/l	98
37) Trichloroethene	6.544	130	13204	2.059	ug/l	97
38) 1,2-Dichloropropane	6.788	63	14218	2.109	ug/l	90
39) Methacrylonitrile	4.981	41	3312	1.981	ug/l	# 79
40) Methyl acrylate	4.859	55	5890m	2.216	ug/l	
41) Tetrahydrofuran	5.071	42	4414m	4.618	ug/l	
42) 1-Chlorobutane	5.454	56	19232	1.929	ug/l	93
43) Dibromomethane	6.920	93	6866	2.169	ug/l	89
44) Bromodichloromethane	7.103	83	18014	2.042	ug/l	89

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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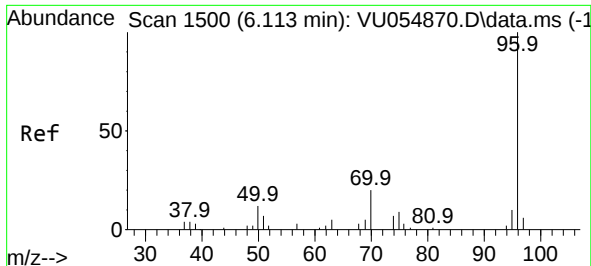
Manual Integrations
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Quant Time: Jul 28 05:43:22 2023
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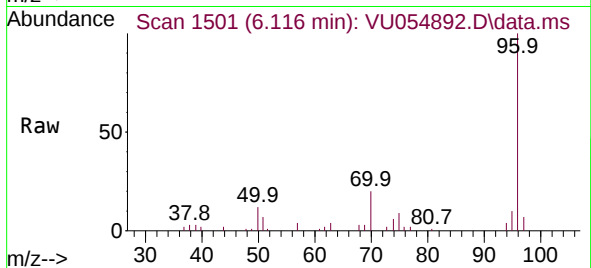
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	42017	11.374	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	7192m	4.838	ug/l	
47) Methyl methacrylate	6.962	69	13849	4.785	ug/l	99
48) Ethyl methacrylate	8.335	69	12389	2.116	ug/l	94
49) Toluene	7.968	92	30517	2.009	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	16407	2.095	ug/l	99
51) cis-1,3-Dichloropropene	7.608	75	18953	1.969	ug/l	98
52) 1,1,2-Trichloroethane	8.402	97	11200	2.231	ug/l	86
53) 1,3-Dichloropropane	8.573	76	17820	2.195	ug/l	97
54) 2-Hexanone	8.685	43	29717	11.321	ug/l	97
55) Dibromochloromethane	8.807	129	12802	2.226	ug/l	92
56) 1,2-Dibromoethane	8.923	107	9082	2.135	ug/l	97
58) Tetrachloroethene	8.553	164	12545	2.241	ug/l	96
59) Chlorobenzene	9.447	112	38247	2.075	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	13503	2.075	ug/l	97
61) Pentachloroethane	11.425	117	9726	1.913	ug/l	98
62) Hexachloroethane	12.473	117	9826	1.879	ug/l	96
63) Ethyl Benzene	9.569	91	64162	2.074	ug/l	98
64) m/p-Xylenes	9.691	106	48503	4.191	ug/l	99
65) o-Xylene	10.100	106	24130	2.030	ug/l	98
66) Styrene	10.113	104	38592	2.031	ug/l	98
67) Bromoform	10.290	173	6428	2.156	ug/l	98
69) Isopropylbenzene	10.482	105	65133	2.041	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	13487	2.171	ug/l #	97
71) 1,2,3-Trichloropropane	10.820	75	9477m	2.142	ug/l	
72) Bromobenzene	10.781	156	15871	2.234	ug/l	99
73) n-propylbenzene	10.904	120	17759	2.079	ug/l	92
74) 2-Chlorotoluene	10.984	126	15303	2.070	ug/l	96
75) 1,3,5-Trimethylbenzene	11.087	105	51997	2.012	ug/l	100
76) 4-Chlorotoluene	11.097	126	17391	2.264	ug/l	93
77) tert-Butylbenzene	11.415	119	55035	2.048	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	52494	1.984	ug/l	98
79) sec-Butylbenzene	11.640	105	70461	2.017	ug/l	97
80) Nitrobenzene	13.212	77	1717	10.519	ug/l #	89
81) p-Isopropyltoluene	11.791	119	52967	1.921	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	31982	2.114	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	32335	2.145	ug/l	98
84) n-Butylbenzene	12.206	91	45187	1.825	ug/l	98
85) 1,2-Dichlorobenzene	12.212	146	30168	2.081	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1962	2.375	ug/l	84
87) 1,2,4-Trichlorobenzene	13.839	180	18171	1.965	ug/l	99
88) Hexachlorobutadiene	14.016	225	10256	2.079	ug/l	97
89) Naphthalene	14.087	128	28858	2.015	ug/l	100
90) 1,2,3-Trichlorobenzene	14.328	180	16180	1.972	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.116 min Scan# 1501
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

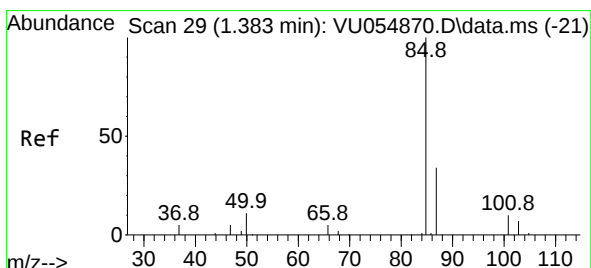
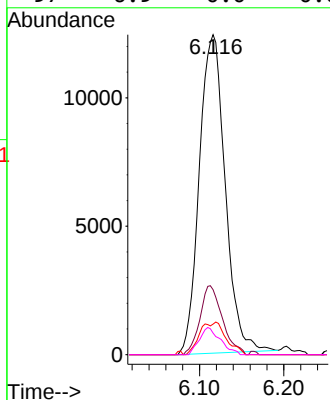
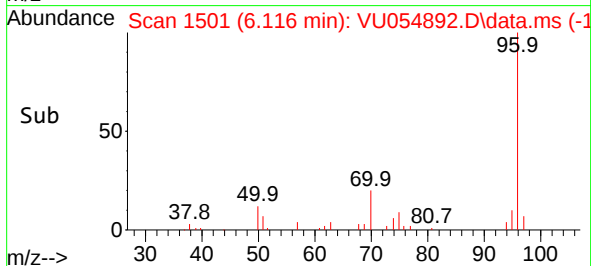
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 96 Resp: 26474
Ion Ratio Lower Upper
96 100
70 18.8 14.0 21.0
95 10.5 8.7 13.1
97 6.9 0.0 0.0#

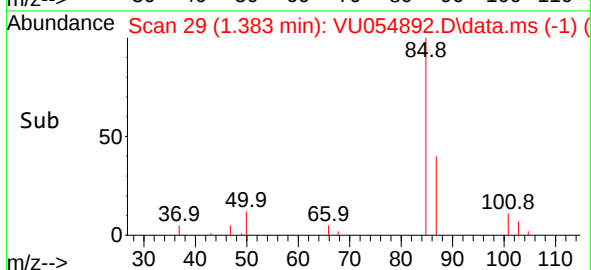
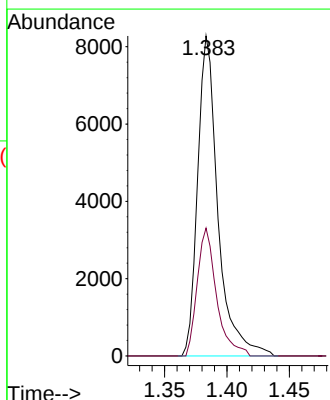
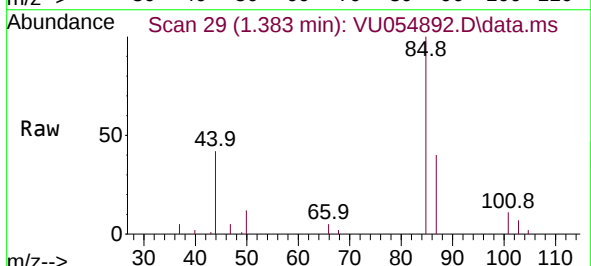
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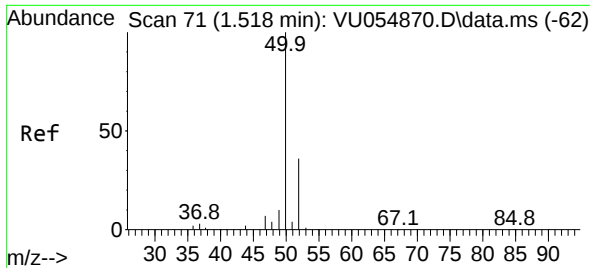
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 1.853 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

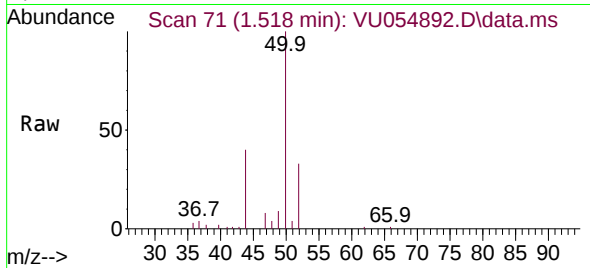
Tgt Ion: 85 Resp: 9343
Ion Ratio Lower Upper
85 100
87 40.0 16.2 48.6





#3
Chloromethane
Concen: 2.011 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

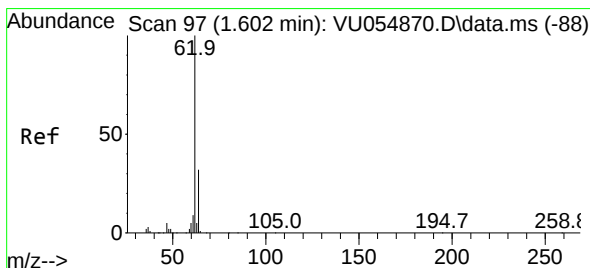
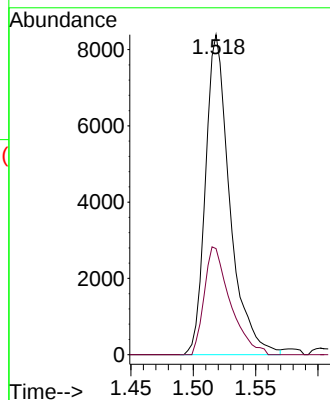
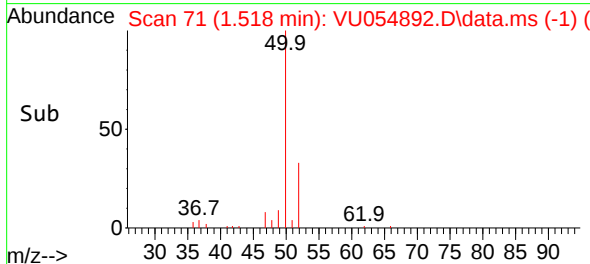
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



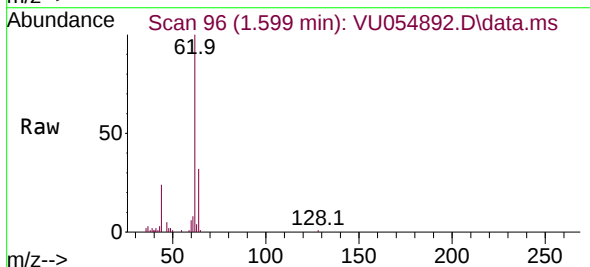
Tgt Ion: 50 Resp: 1139
Ion Ratio Lower Upper
50 100
52 33.1 28.2 42.2

Manual Integrations
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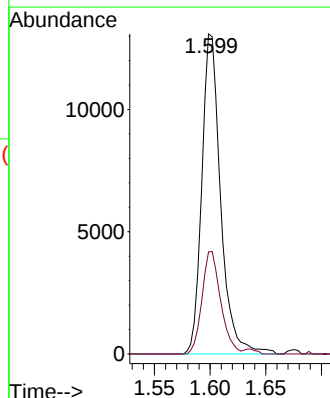
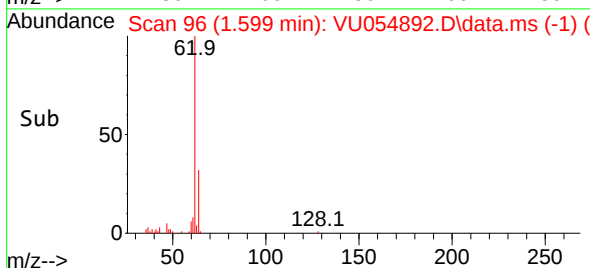
Reviewed By :John Carlone 07/28/2023
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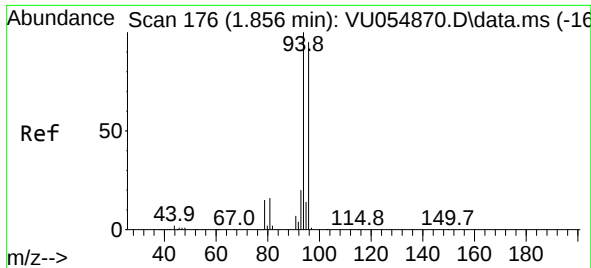


#4
Vinyl Chloride
Concen: 2.037 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



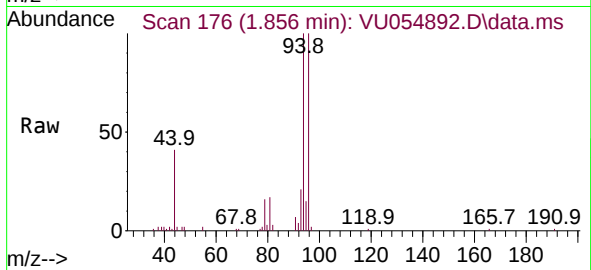
Tgt Ion: 62 Resp: 15404
Ion Ratio Lower Upper
62 100
64 31.9 26.4 39.6





#5
Bromomethane
Concen: 2.116 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

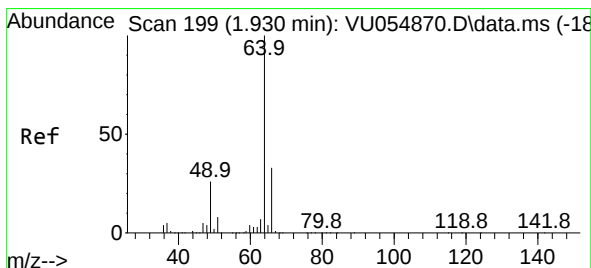
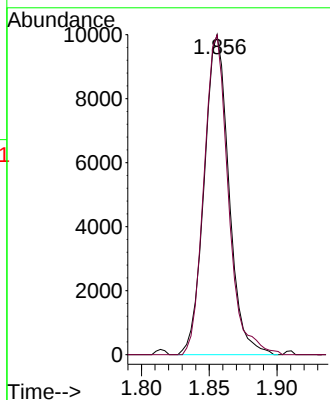
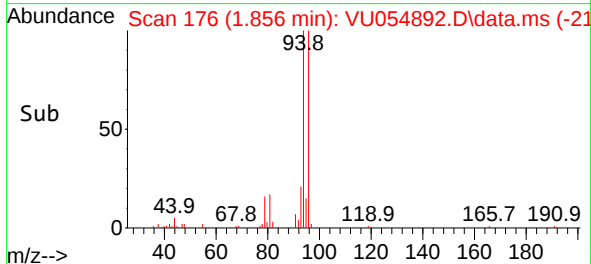
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 94 Resp: 1269
Ion Ratio Lower Upper
94 100
96 99.9 74.6 111.8

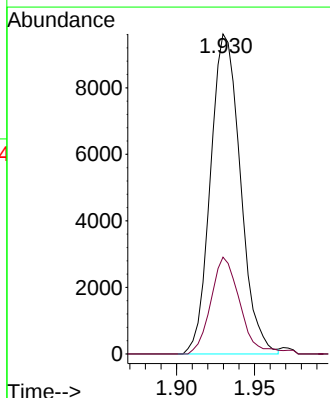
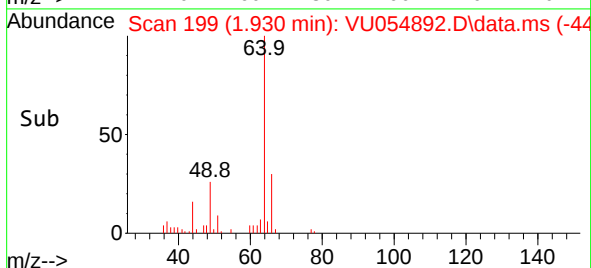
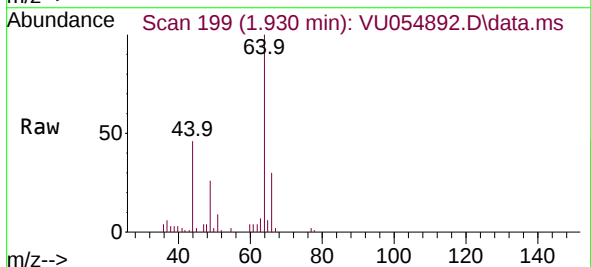
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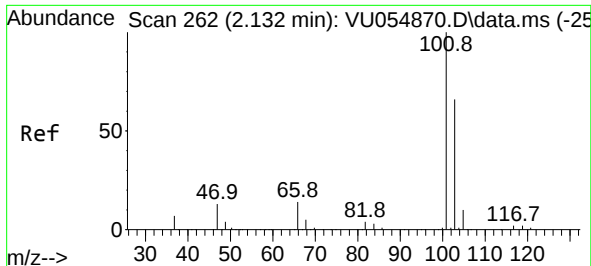
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 1.643 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

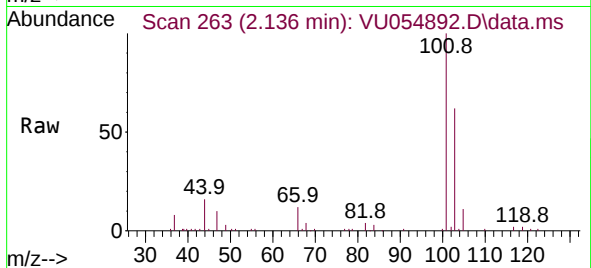
Tgt Ion: 64 Resp: 12843
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 1.794 ug/l
 RT: 2.136 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44

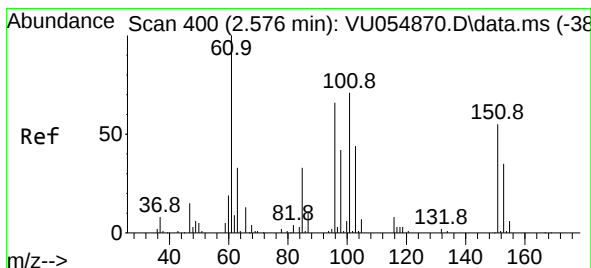
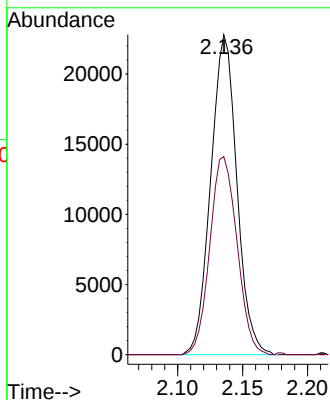
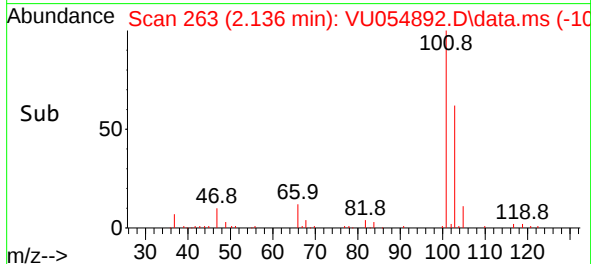
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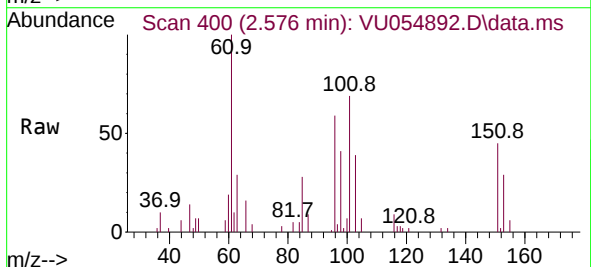
Tgt Ion:101 Resp: 31872
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.9 79.3

Manual Integrations
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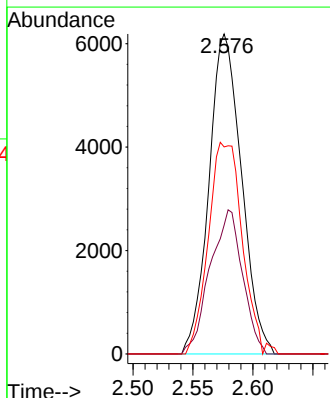
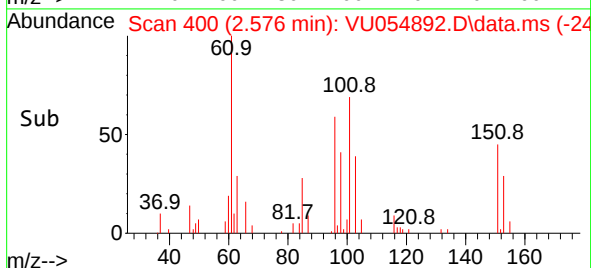
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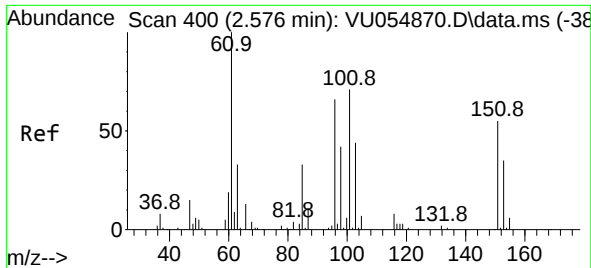


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.028 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44



Tgt Ion:101 Resp: 11676
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.8 52.2
 151 69.0 60.5 90.7





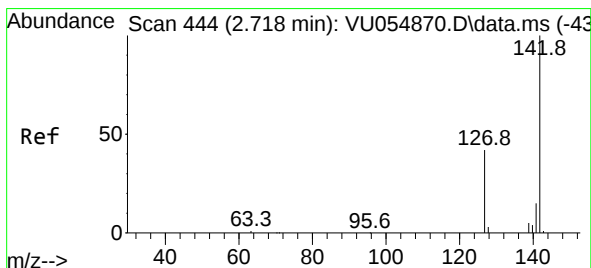
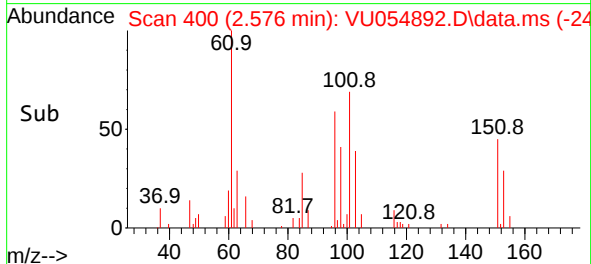
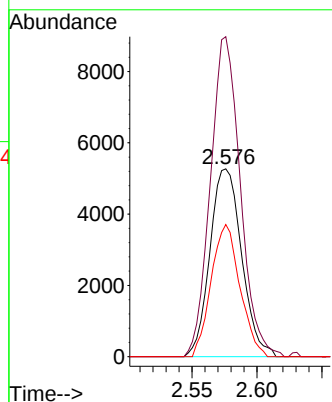
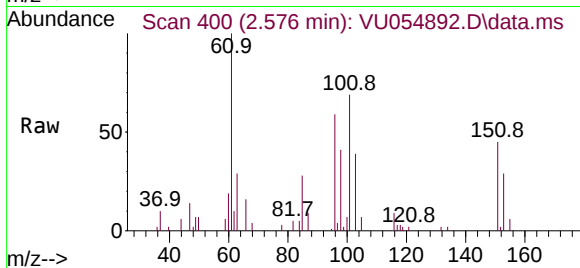
#9
1,1-Dichloroethene
Concen: 1.960 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
Client Sample Id :
VU0727WBS01

Tgt Ion: 96 Resp: 895
Ion Ratio Lower Upper
96 100
61 160.5 0.0 440.1
98 66.3 0.0 121.8

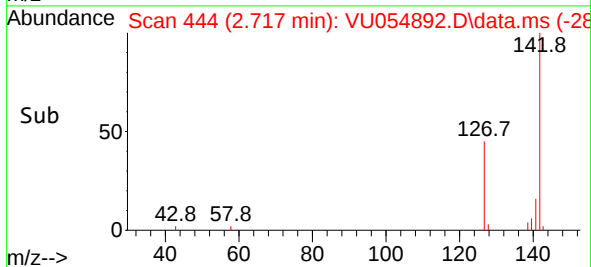
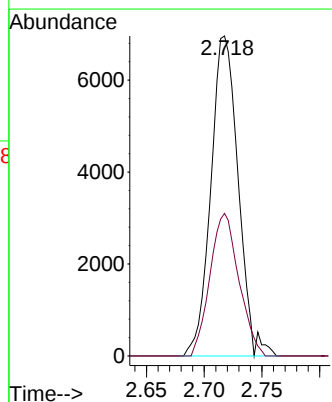
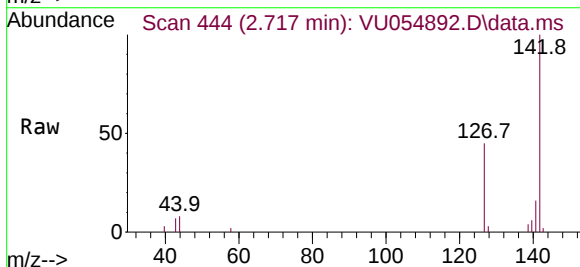
Manual Integrations
APPROVED

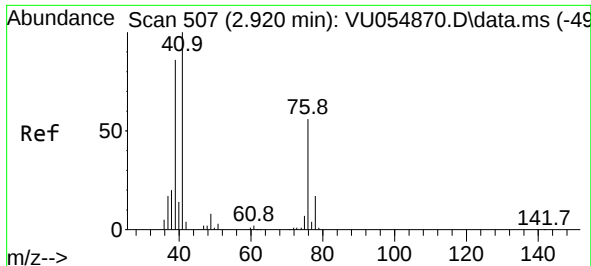
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.603 ug/l
RT: 2.717 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

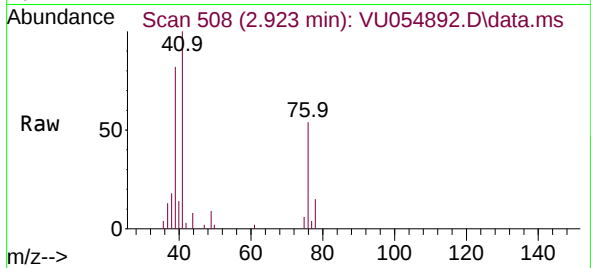
Tgt Ion:142 Resp: 11440
Ion Ratio Lower Upper
142 100
127 47.1 34.3 51.5





#11
 Allyl Chloride
 Concen: 2.003 ug/l
 RT: 2.923 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44

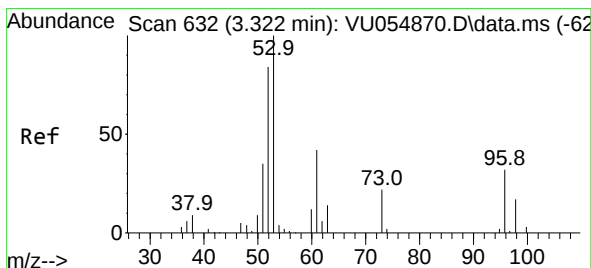
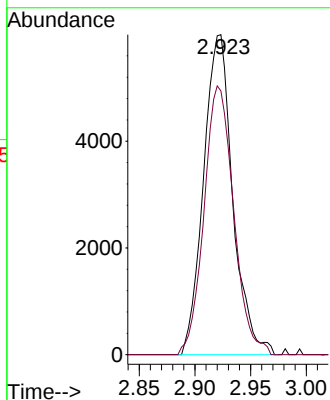
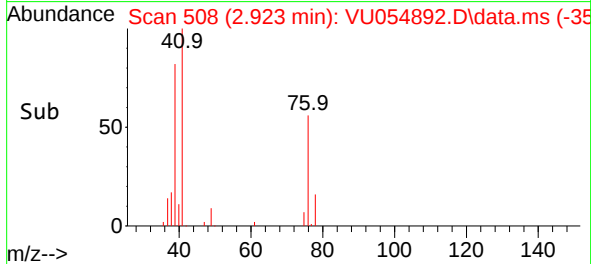
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBS01



Tgt Ion: 41 Resp: 1094
 Ion Ratio Lower Upper
 41 100
 39 85.2 70.2 105.2

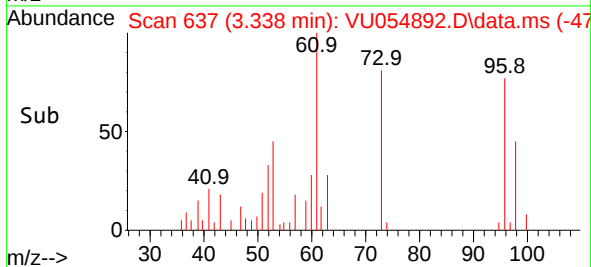
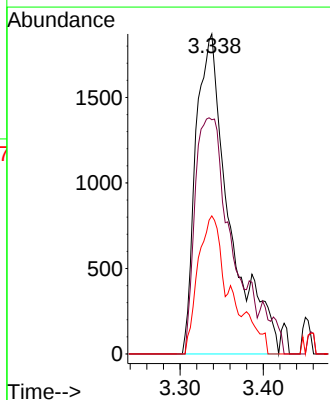
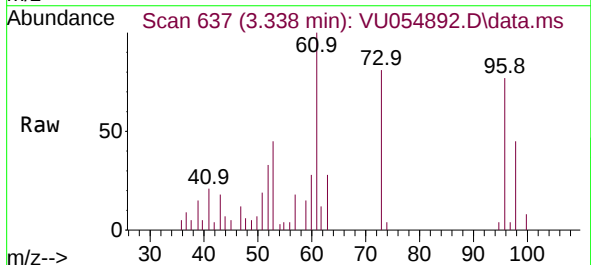
Manual Integrations
 APPROVED

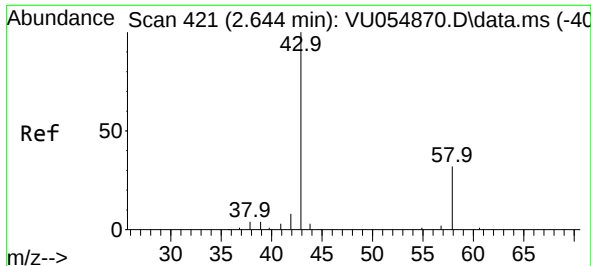
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 4.582 ug/l m
 RT: 3.338 min Scan# 637
 Delta R.T. 0.016 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44

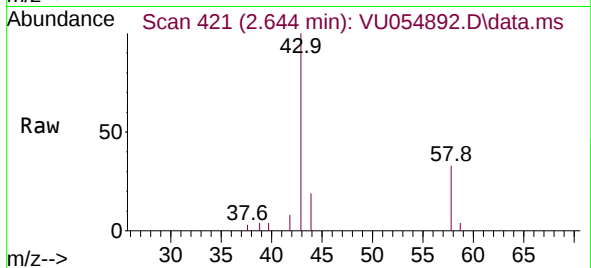
Tgt Ion: 53 Resp: 5256
 Ion Ratio Lower Upper
 53 100
 52 73.0 64.2 96.4
 51 30.9 33.6 50.4#





#13
Acetone
Concen: 9.341 ug/l
RT: 2.644 min Scan# 421
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

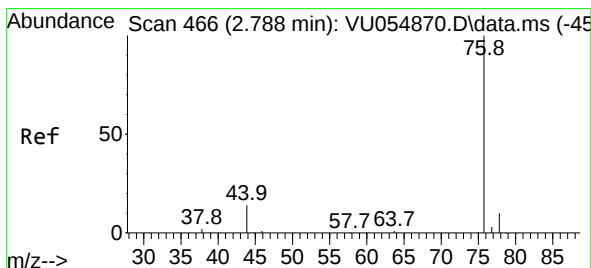
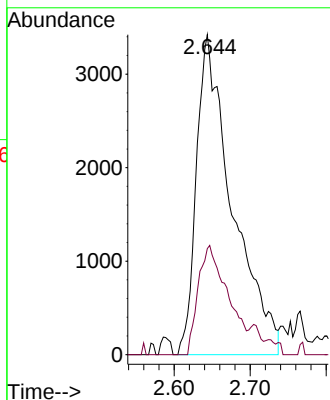
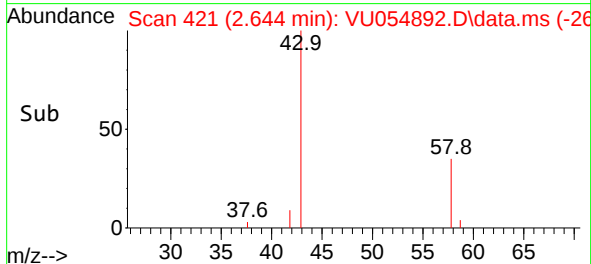
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 43 Resp: 11199
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1

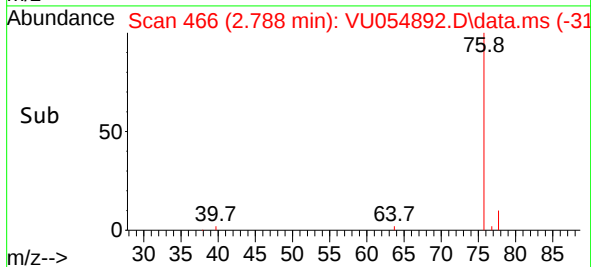
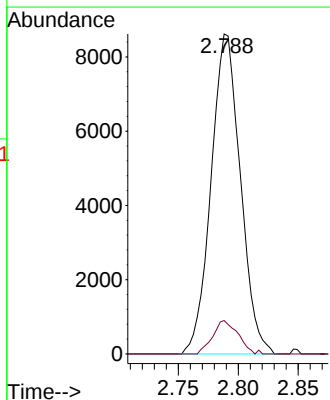
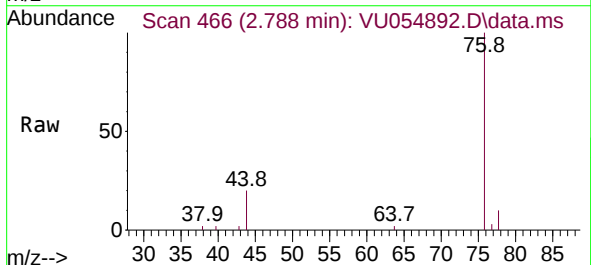
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 1.850 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

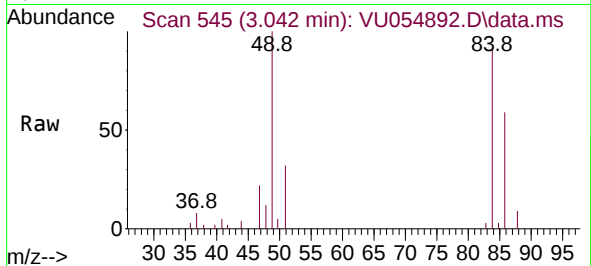
Tgt Ion: 76 Resp: 14653
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7





#15
Methylene Chloride
Concen: 2.356 ug/l
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

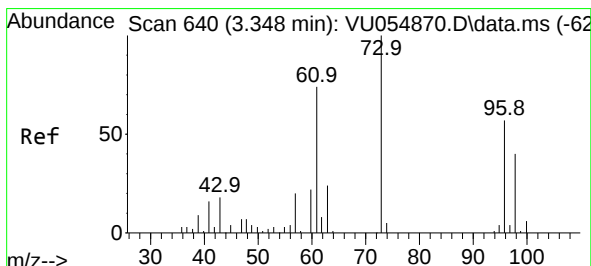
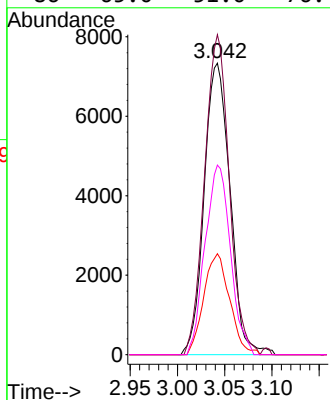
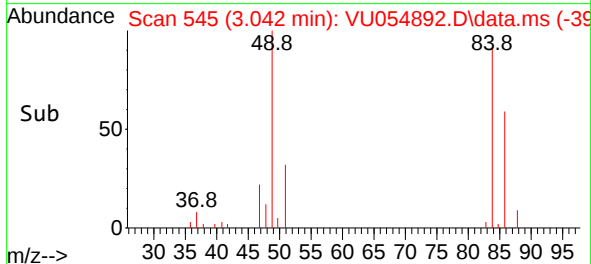
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 84 Resp: 1397
Ion Ratio Lower Upper
84 100
49 115.5 87.8 131.6
51 34.6 0.0 68.2
86 65.0 51.0 76.4

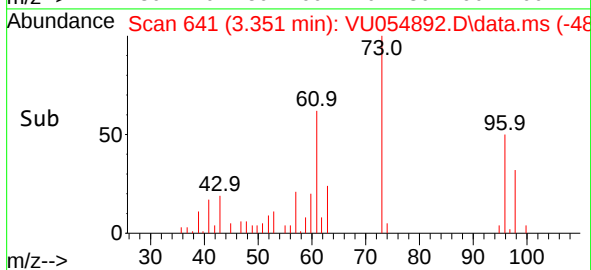
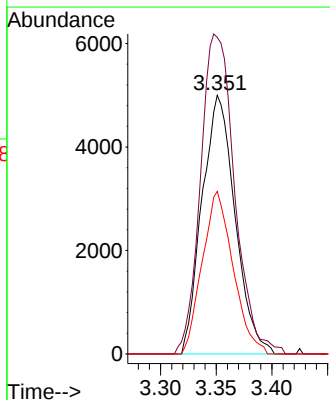
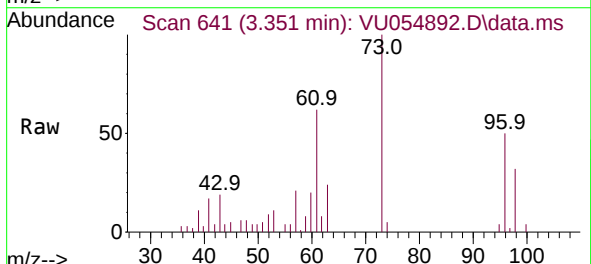
Manual Integrations
APPROVED

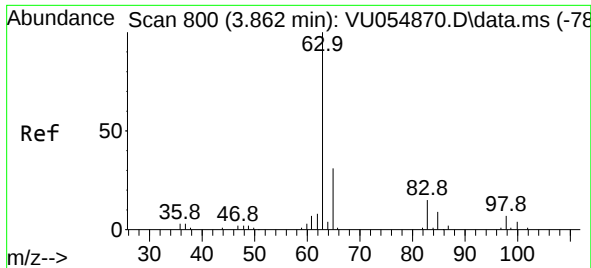
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 2.074 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion: 96 Resp: 10322
Ion Ratio Lower Upper
96 100
61 119.9 96.4 144.6
98 62.9 49.3 73.9





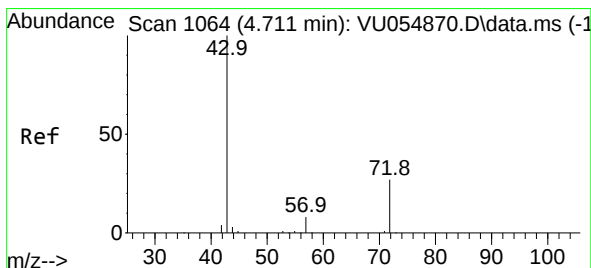
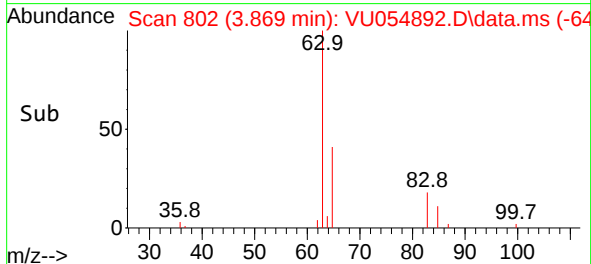
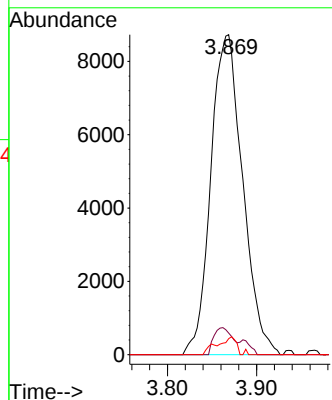
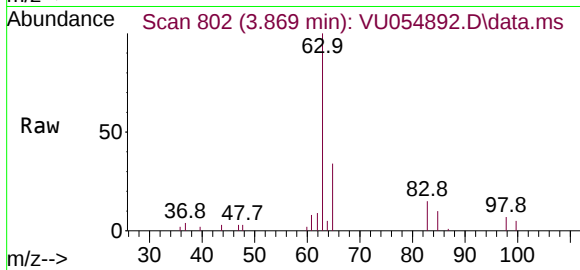
#17
1,1-Dichloroethane
Concen: 1.947 ug/l
RT: 3.869 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 63 Resp: 2167
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 5.0 2.8 8.4

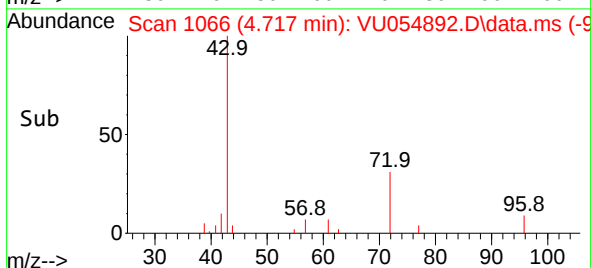
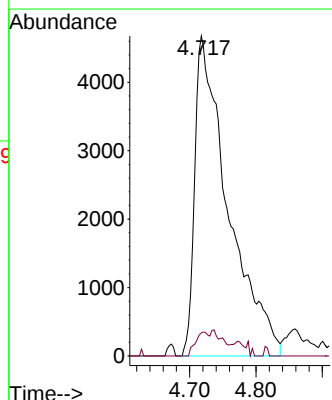
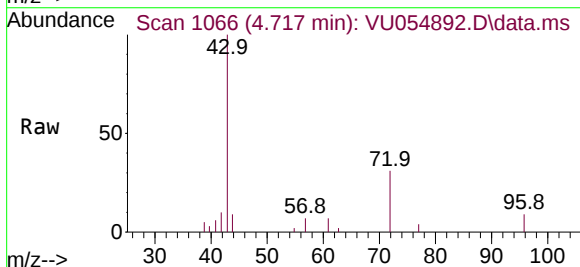
Manual Integrations
APPROVED

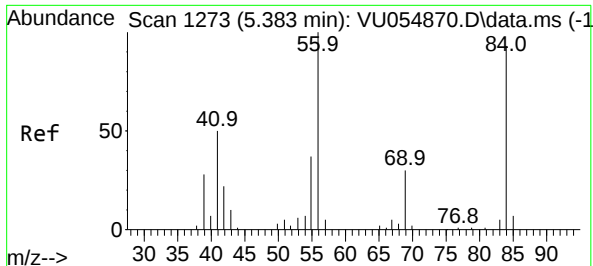
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 10.777 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

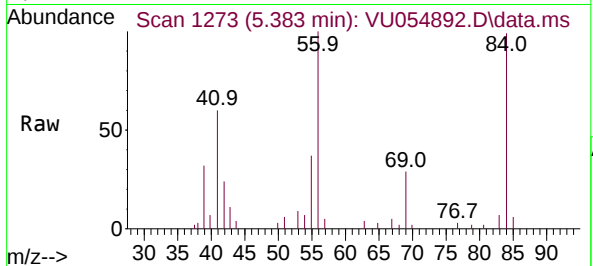
Tgt Ion: 43 Resp: 16299
Ion Ratio Lower Upper
43 100
57 7.2 0.0 20.8





#19
Cyclohexane
Concen: 2.245 ug/l m
RT: 5.383 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

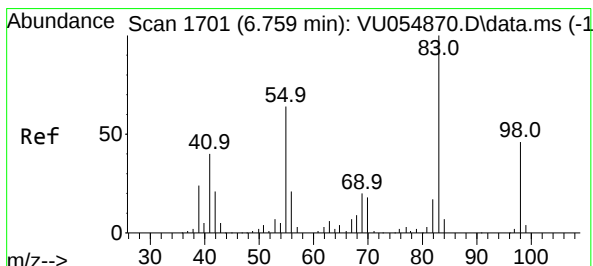
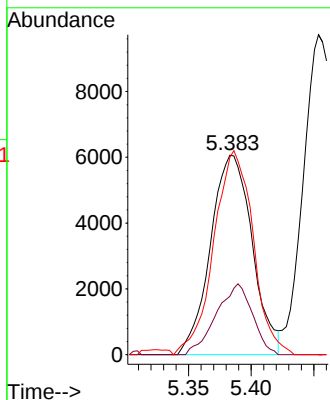
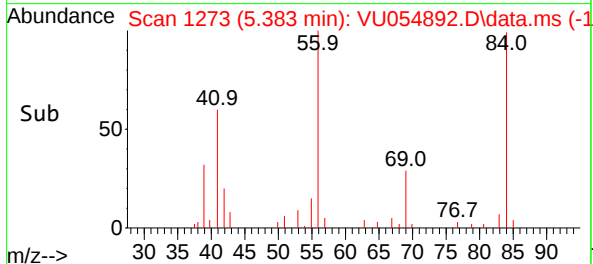
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 56 Resp: 14059
Ion Ratio Lower Upper
56 100
69 30.7 24.7 37.1
84 96.3 76.5 114.7

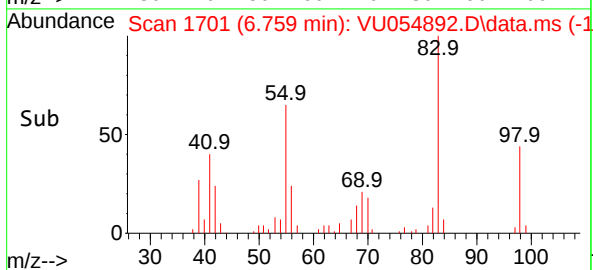
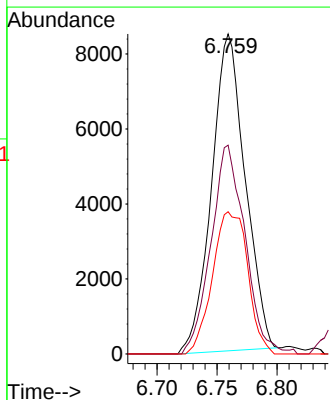
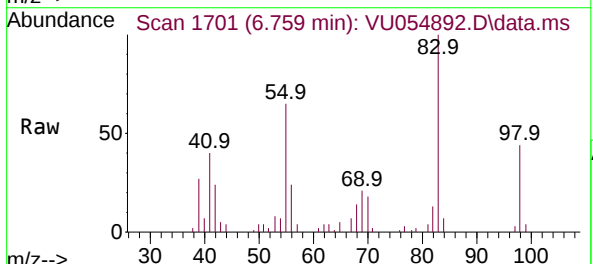
Manual Integrations
APPROVED

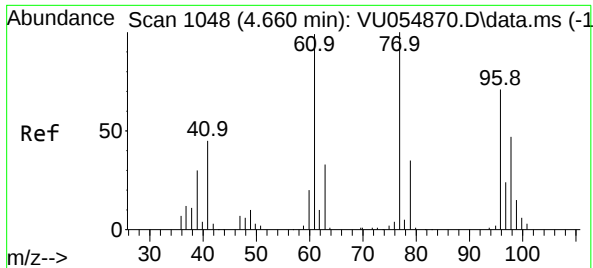
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylcyclohexane
Concen: 1.965 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion: 83 Resp: 16455
Ion Ratio Lower Upper
83 100
55 66.8 51.6 77.4
98 47.1 38.2 57.2





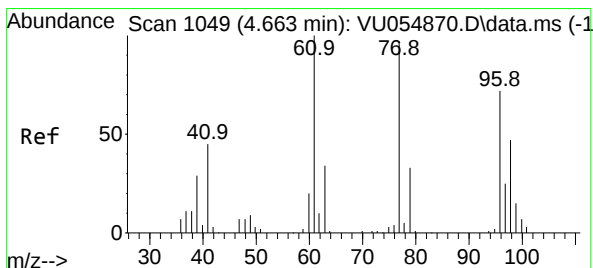
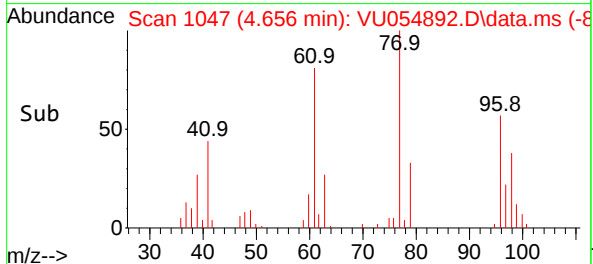
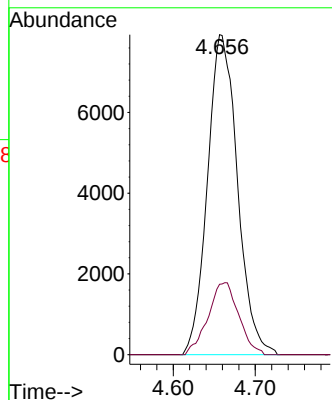
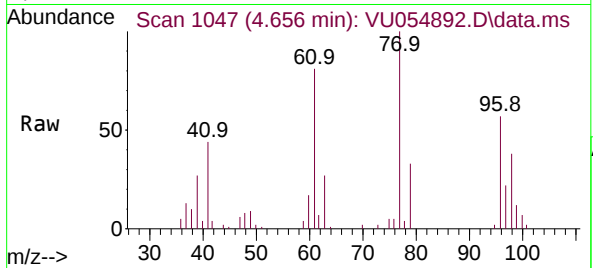
#21
2,2-Dichloropropane
Concen: 1.953 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 77 Resp: 2014
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

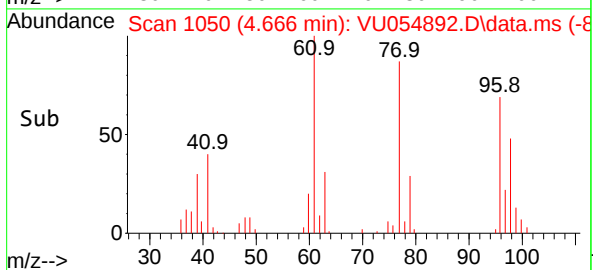
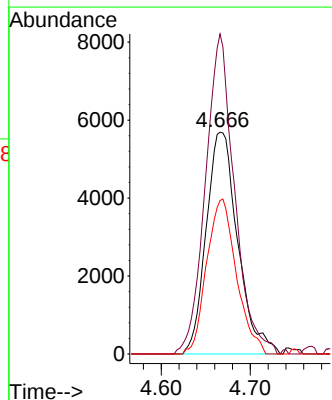
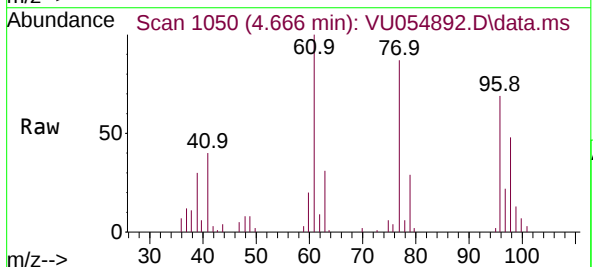
Manual Integrations
APPROVED

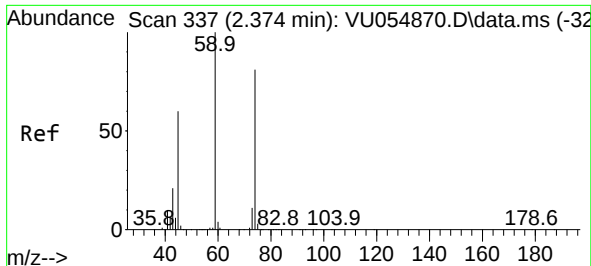
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 2.120 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

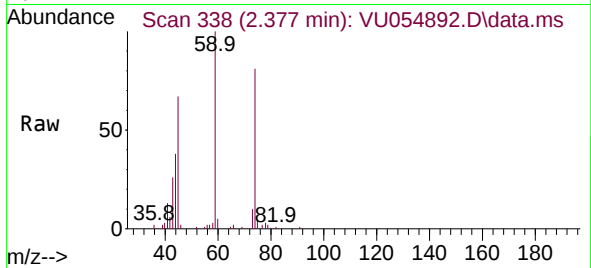
Tgt Ion: 96 Resp: 14019
Ion Ratio Lower Upper
96 100
61 132.5 0.0 332.0
98 65.7 32.5 97.5





#23
Diethyl Ether
Concen: 2.056 ug/l
RT: 2.377 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

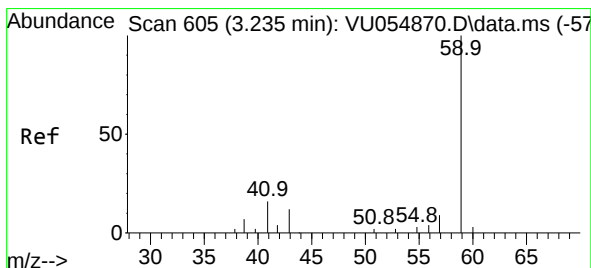
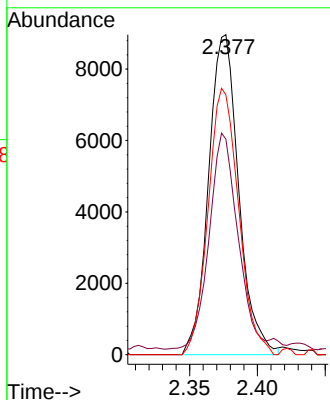
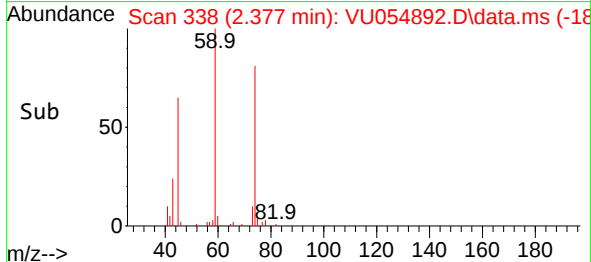
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 59 Resp: 13862
Ion Ratio Lower Upper
59 100
45 64.3 51.4 77.0
74 84.2 63.1 94.7

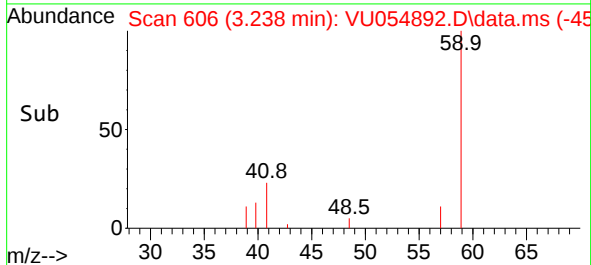
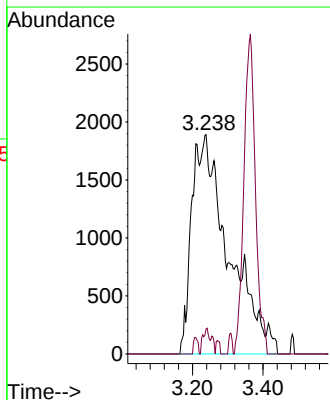
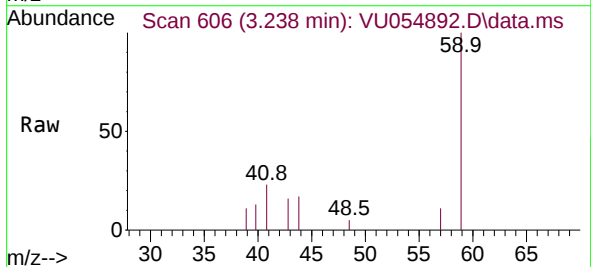
Manual Integrations
APPROVED

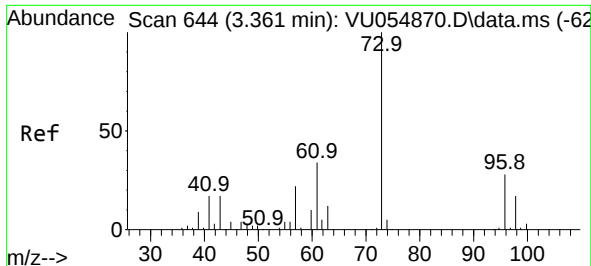
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 21.965 ug/l m
RT: 3.238 min Scan# 606
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion: 59 Resp: 13779
Ion Ratio Lower Upper
59 100
57 2.0 2.2 3.2#





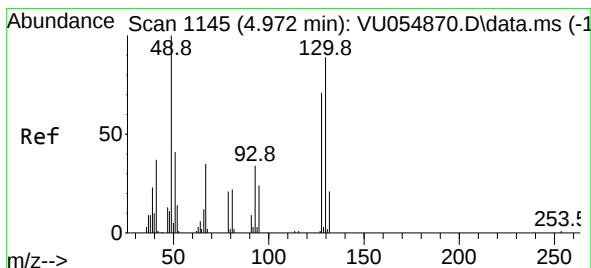
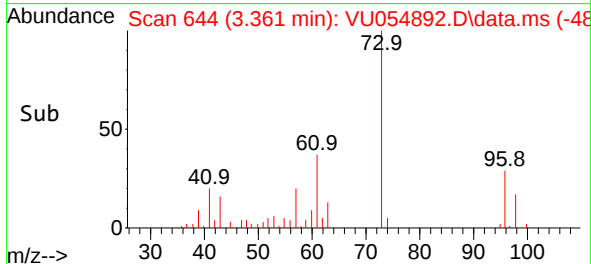
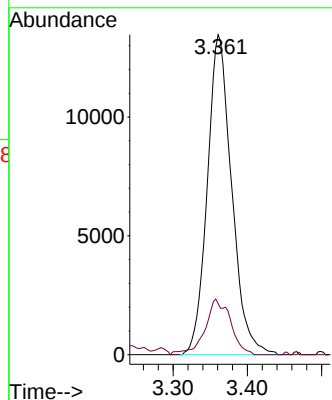
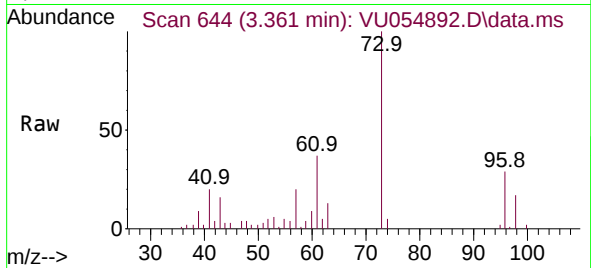
#25
Methyl tert-Butyl Ether
Concen: 2.172 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 73 Resp: 30710
Ion Ratio Lower Upper
73 100
43 18.2 14.6 22.0

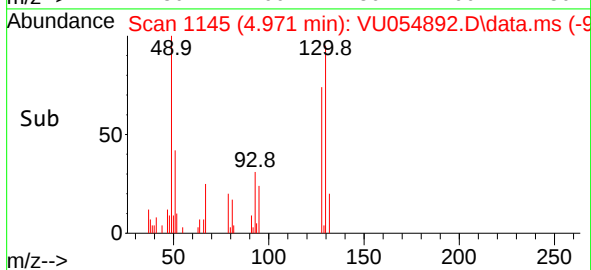
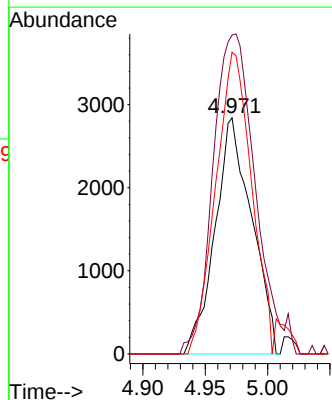
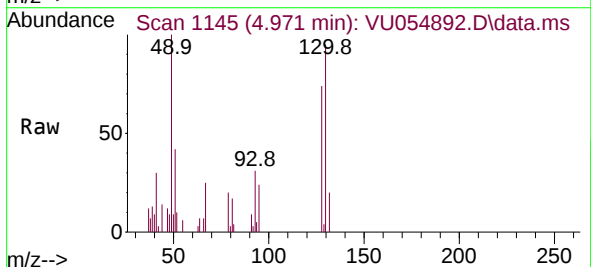
Manual Integrations
APPROVED

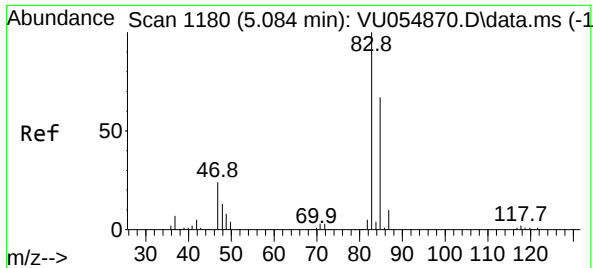
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 2.145 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:128 Resp: 5818
Ion Ratio Lower Upper
128 100
49 156.2 0.0 304.0
130 125.1 104.3 156.5





#27

Chloroform

Concen: 2.139 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

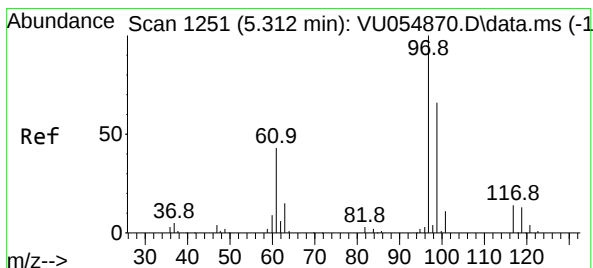
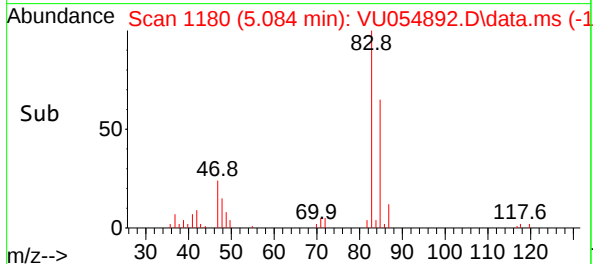
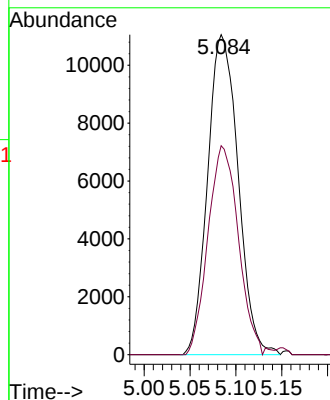
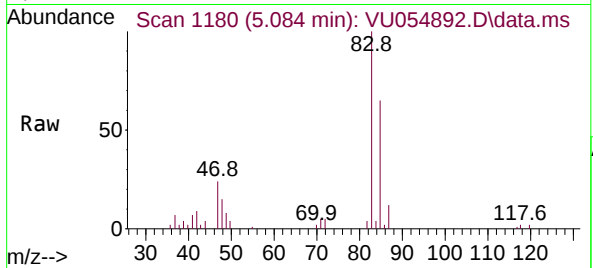
Tgt Ion: 83 Resp: 2556
 Ion Ratio Lower Upper
 83 100
 85 65.3 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 2.035 ug/l

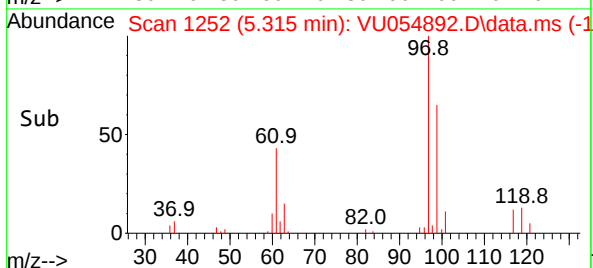
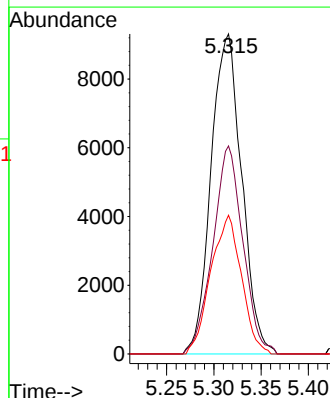
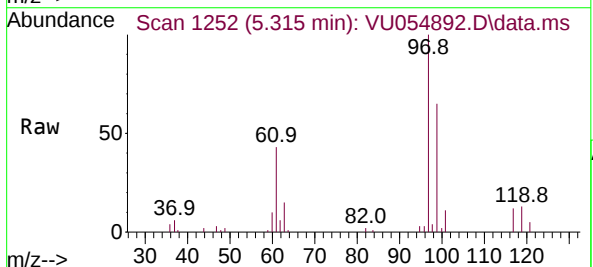
RT: 5.315 min Scan# 1252

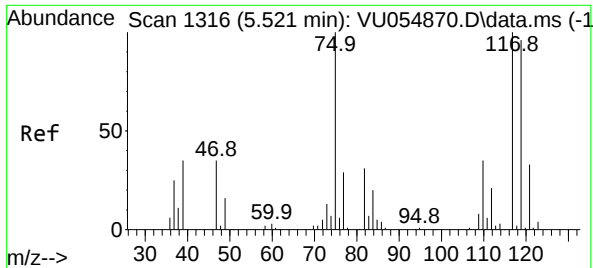
Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

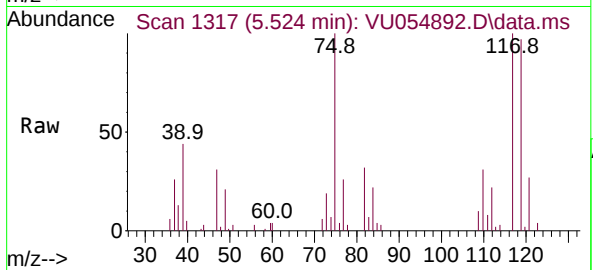
Tgt Ion: 97 Resp: 21001
 Ion Ratio Lower Upper
 97 100
 99 63.6 32.0 96.2
 61 43.4 21.0 63.0





#29
1,1-Dichloropropene
Concen: 1.993 ug/l
RT: 5.524 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

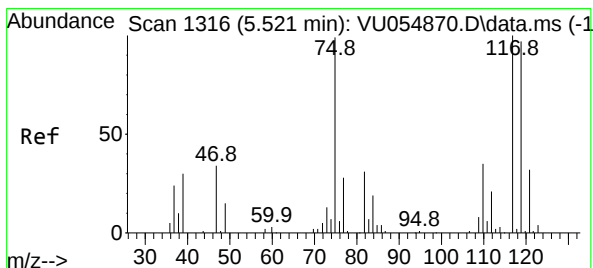
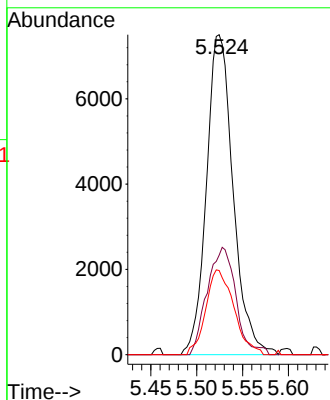
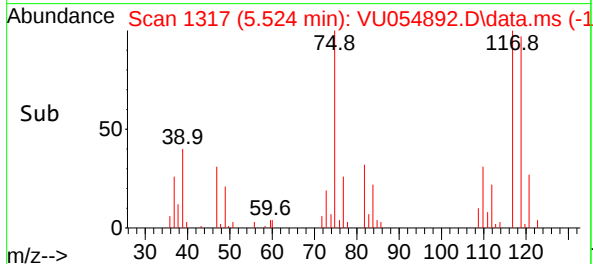
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



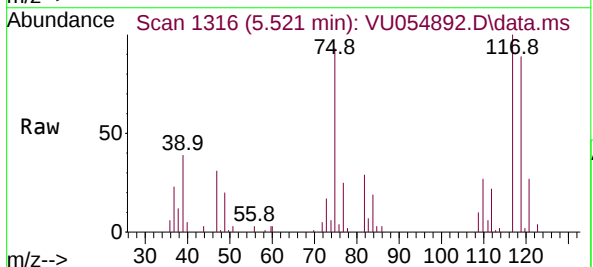
Tgt Ion: 75 Resp: 15178
Ion Ratio Lower Upper
75 100
110 36.1 18.5 55.5
77 27.9 24.9 37.3

Manual Integrations
APPROVED

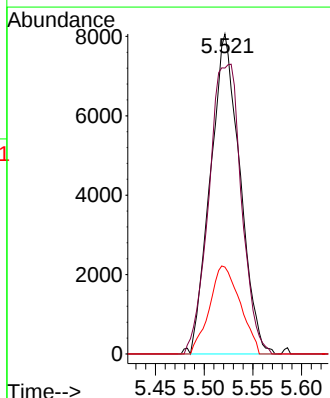
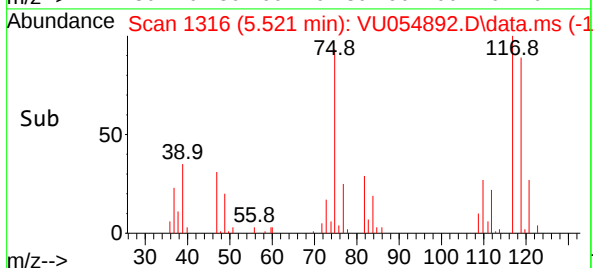
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

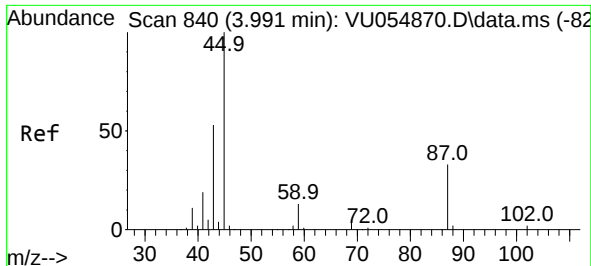


#30
Carbon Tetrachloride
Concen: 1.975 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion:117 Resp: 17021
Ion Ratio Lower Upper
117 100
119 91.3 75.6 113.4
121 27.2 23.4 35.0





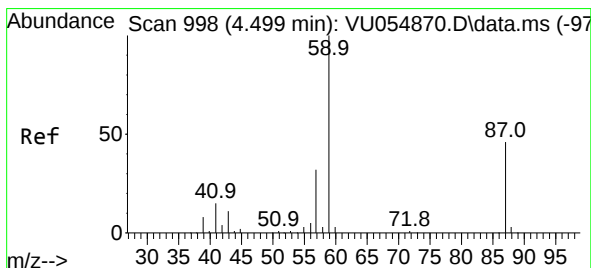
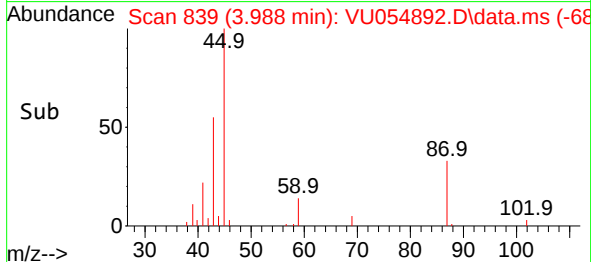
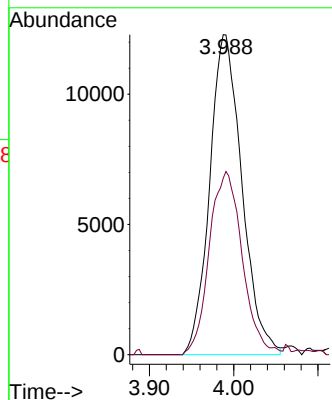
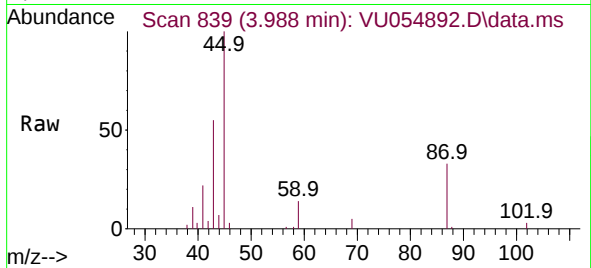
#31
Isopropyl Ether
Concen: 1.990 ug/l
RT: 3.988 min Scan# 840
Delta R.T. -0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 45 Resp: 32689
Ion Ratio Lower Upper
45 100
43 58.4 26.4 79.2

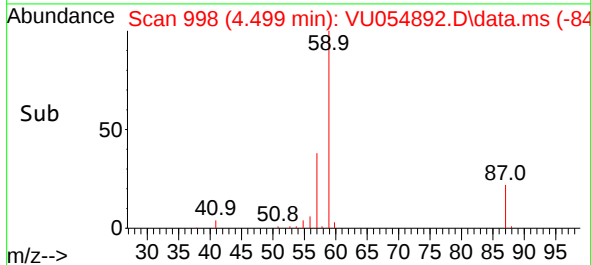
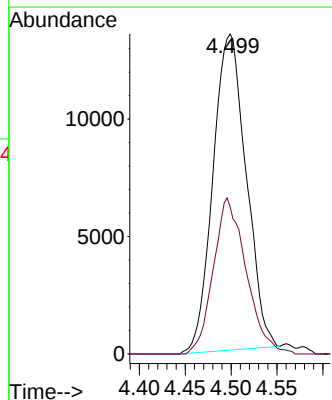
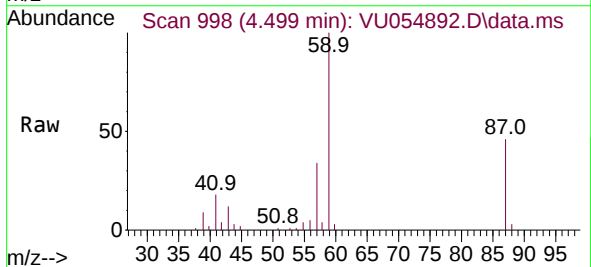
Manual Integrations
APPROVED

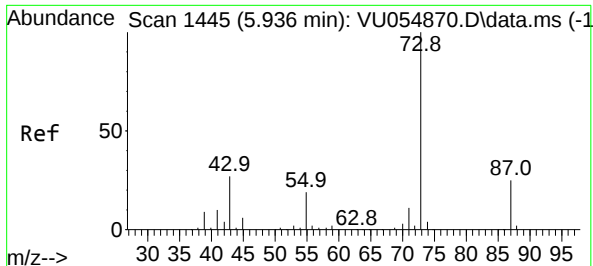
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 2.006 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

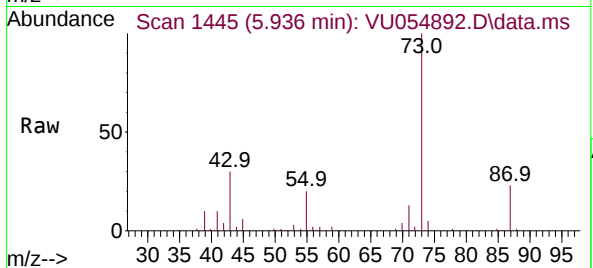
Tgt Ion: 59 Resp: 33921
Ion Ratio Lower Upper
59 100
87 48.8 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 2.086 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

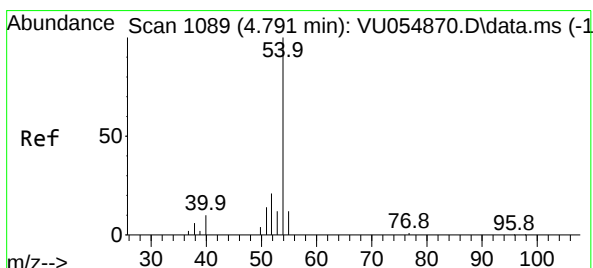
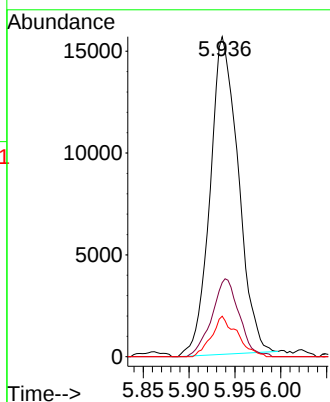
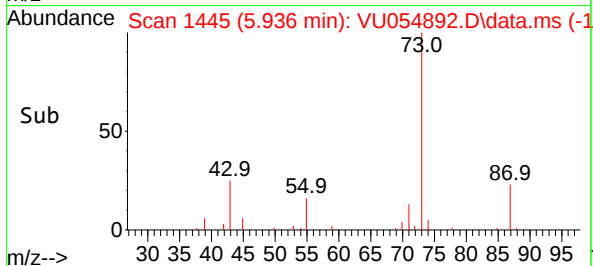
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



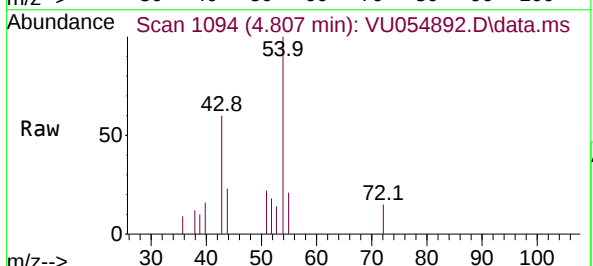
Tgt Ion: 73 Resp: 33358
Ion Ratio Lower Upper
73 100
87 23.8 19.6 29.4
71 11.6 9.1 13.7

Manual Integrations
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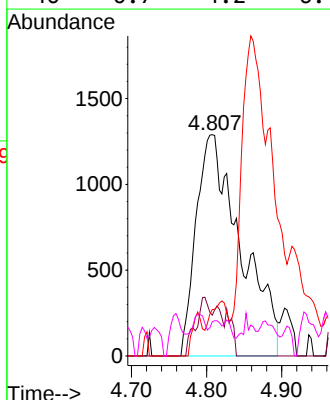
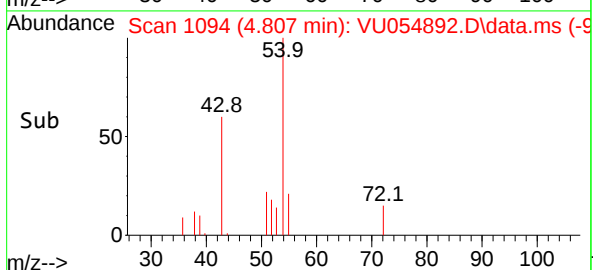
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

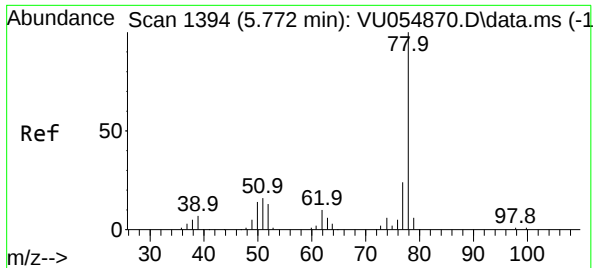


#34
Propionitrile
Concen: 12.718 ug/l m
RT: 4.807 min Scan# 1094
Delta R.T. 0.016 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion: 54 Resp: 5303
Ion Ratio Lower Upper
54 100
52 0.0 13.8 20.8#
55 4.2 4.8 7.2#
40 0.7 4.2 6.4#





#35

Benzene

Concen: 2.020 ug/l

RT: 5.775 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

Tgt Ion: 78 Resp: 48169

Ion Ratio Lower Upper

78 100

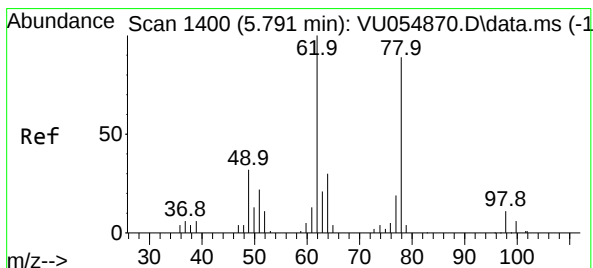
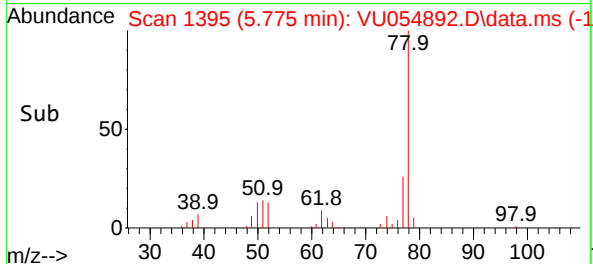
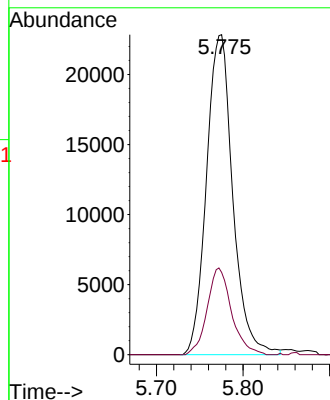
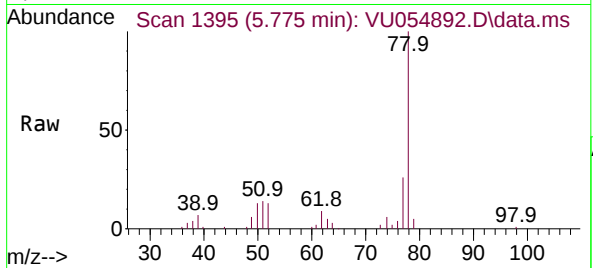
77 25.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,2-Dichloroethane

Concen: 2.220 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054892.D

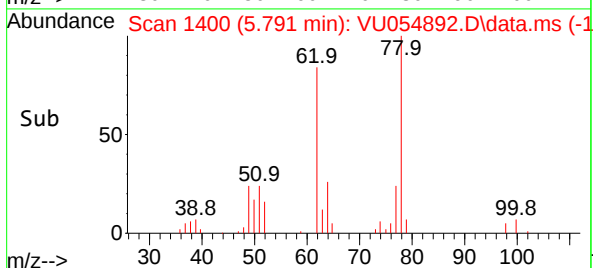
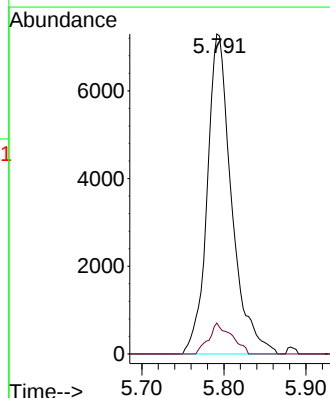
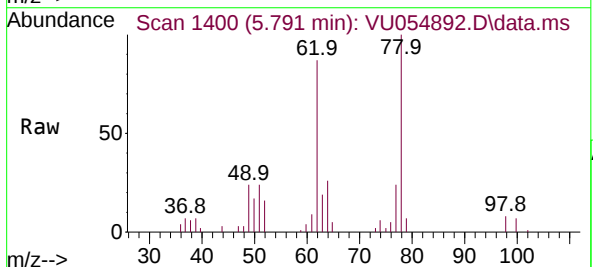
Acq: 27 Jul 2023 11:44

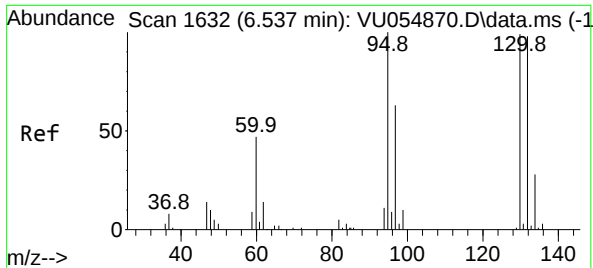
Tgt Ion: 62 Resp: 15056

Ion Ratio Lower Upper

62 100

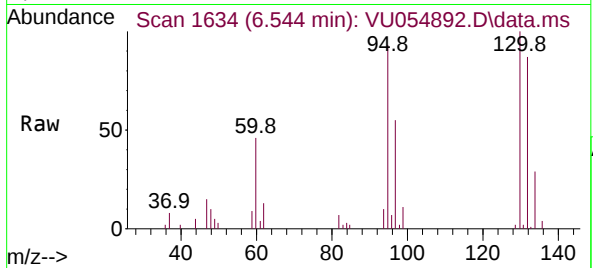
98 9.0 7.8 11.8





#37
Trichloroethene
Concen: 2.059 ug/l
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

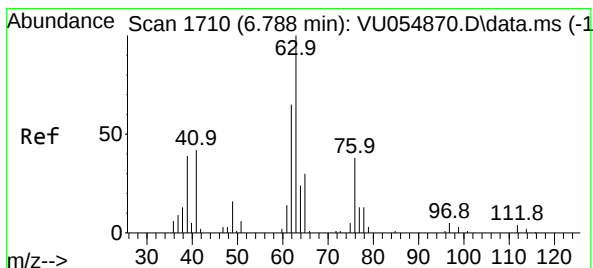
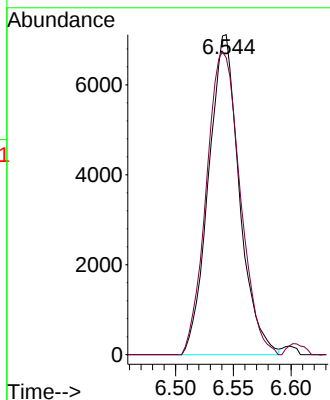
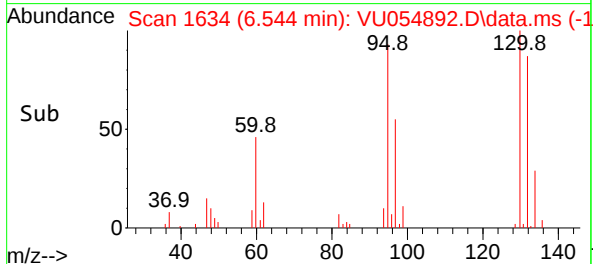
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



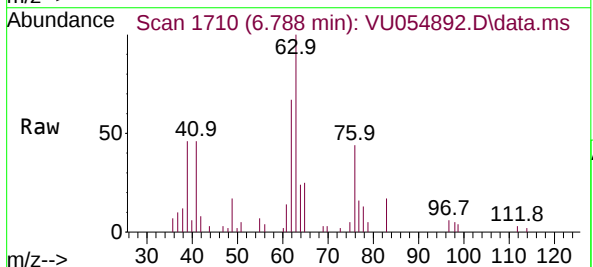
Tgt Ion:130 Resp: 13204
Ion Ratio Lower Upper
130 100
95 92.8 76.8 115.2

Manual Integrations
APPROVED

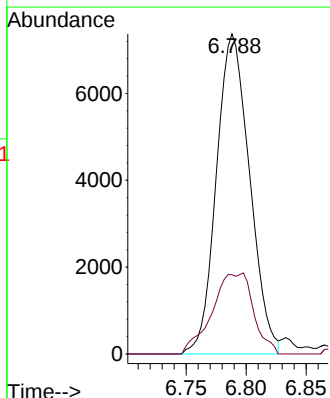
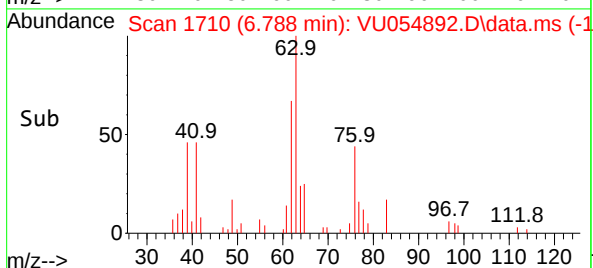
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

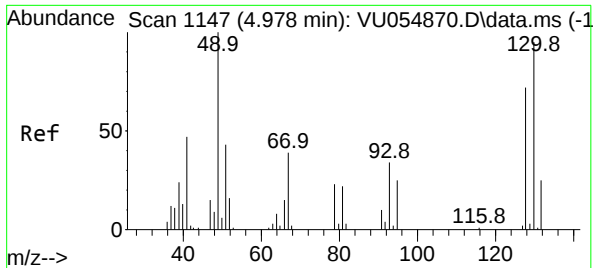


#38
1,2-Dichloropropane
Concen: 2.109 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



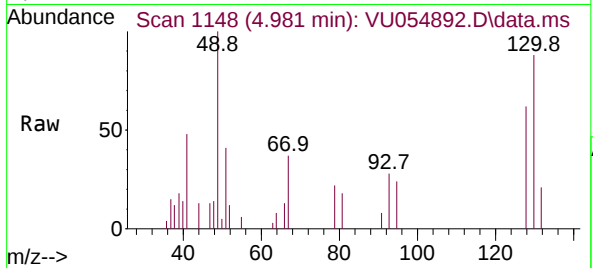
Tgt Ion: 63 Resp: 14218
Ion Ratio Lower Upper
63 100
65 24.8 24.3 36.5





#39
Methacrylonitrile
Concen: 1.981 ug/l
RT: 4.981 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

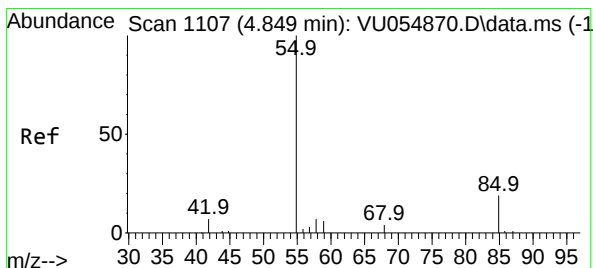
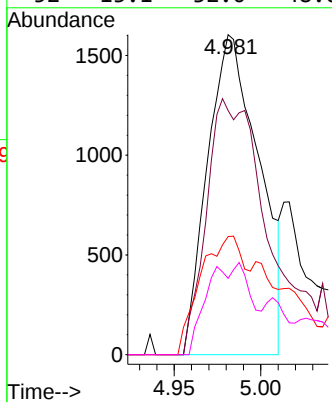
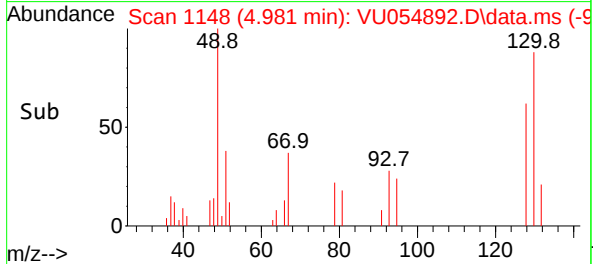
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



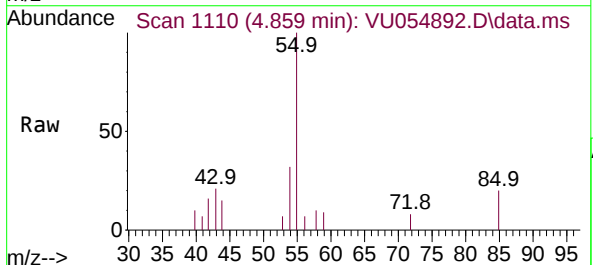
Tgt Ion: 41 Resp: 3312
Ion Ratio Lower Upper
41 100
67 95.8 77.0 115.4
39 32.8 50.4 75.6
52 13.1 32.0 48.0#

Manual Integrations
APPROVED

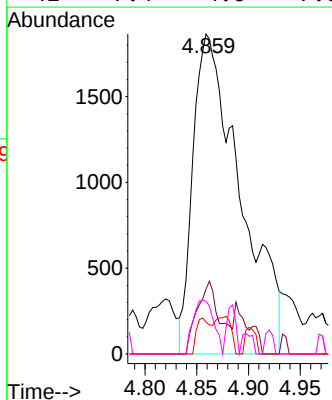
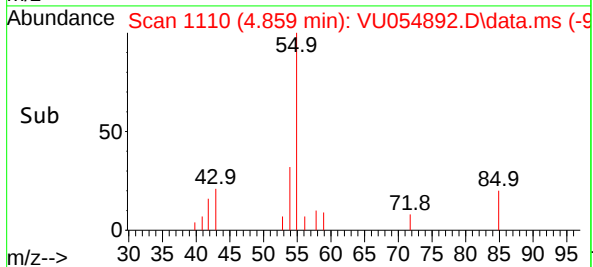
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

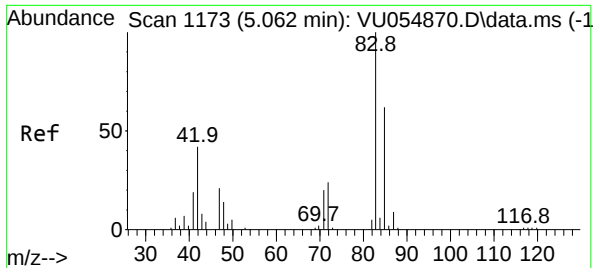


#40
Methyl acrylate
Concen: 2.216 ug/l m
RT: 4.859 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion: 55 Resp: 5890
Ion Ratio Lower Upper
55 100
85 10.7 13.0 19.6#
58 3.5 5.7 8.5#
42 7.4 4.6 7.0#





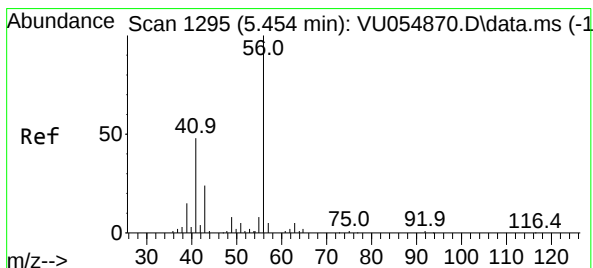
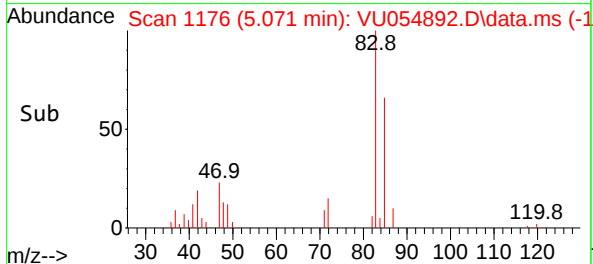
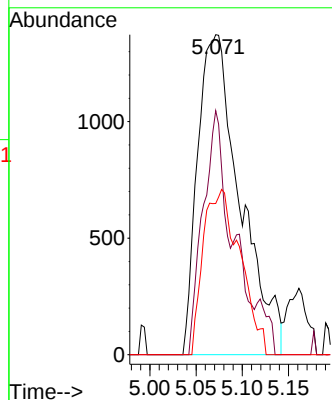
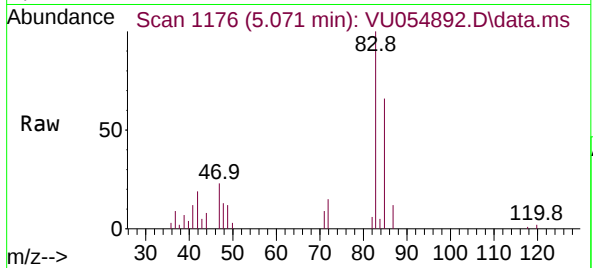
#41
Tetrahydrofuran
Concen: 4.618 ug/l m
RT: 5.071 min Scan# 1173
Delta R.T. 0.010 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 42 Resp: 4414
Ion Ratio Lower Upper
42 100
72 39.2 42.1 63.1
71 44.5 39.7 59.5

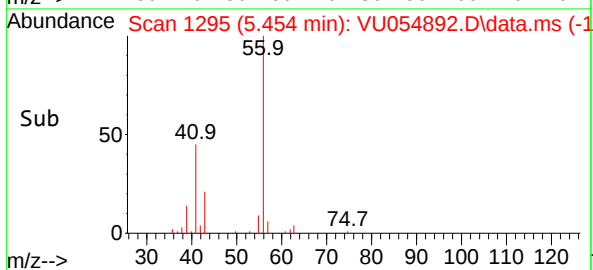
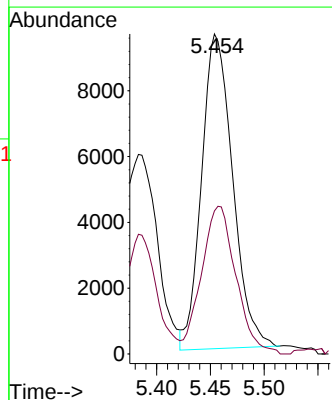
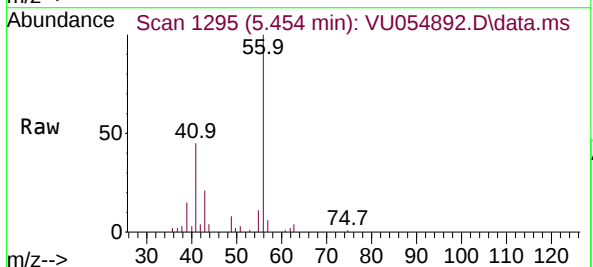
Manual Integrations
APPROVED

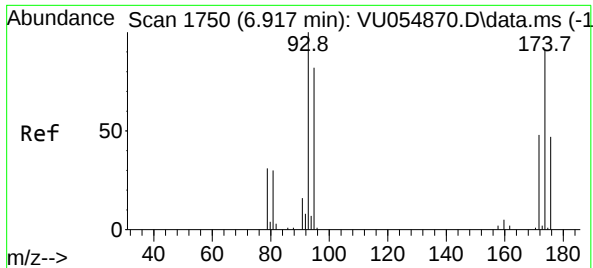
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 1.929 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

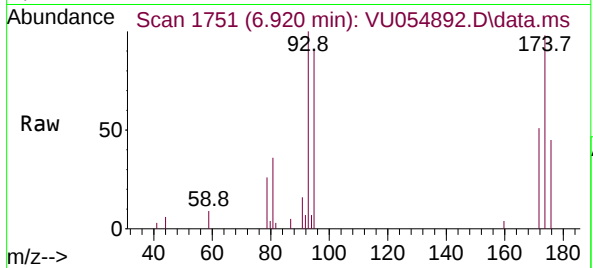
Tgt Ion: 56 Resp: 19232
Ion Ratio Lower Upper
56 100
41 52.2 23.9 71.7





#43
Dibromomethane
Concen: 2.169 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

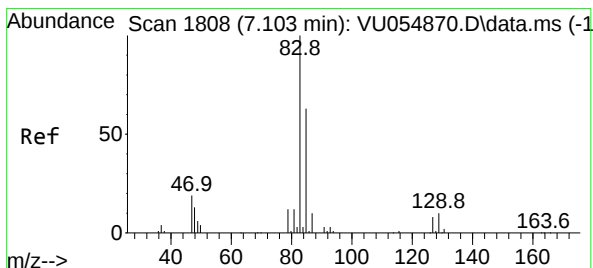
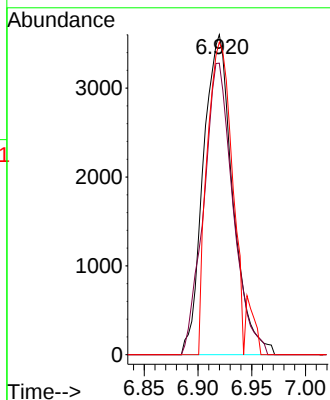
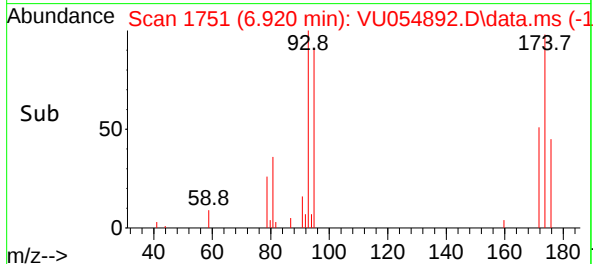
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



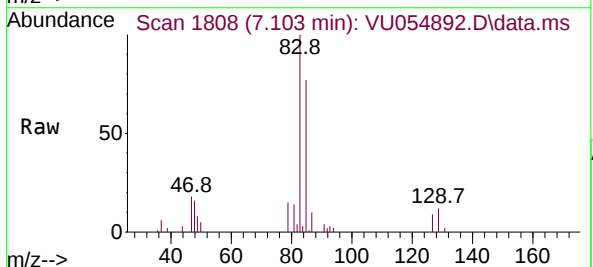
Tgt Ion: 93 Resp: 6860
Ion Ratio Lower Upper
93 100
95 90.4 64.7 97.1
174 82.2 74.4 111.6

Manual Integrations
APPROVED

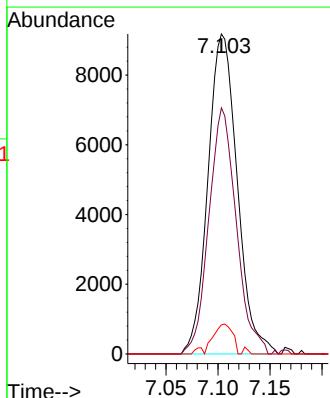
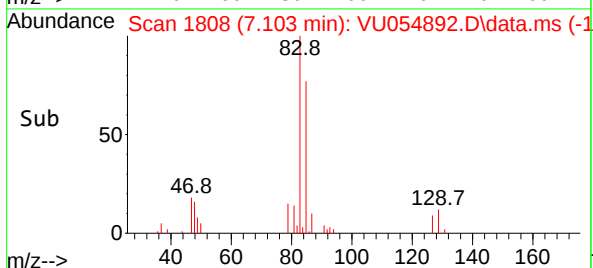
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

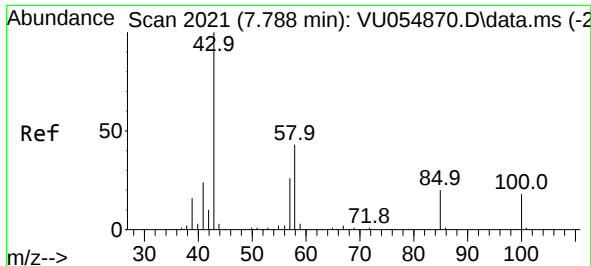


#44
Bromodichloromethane
Concen: 2.042 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



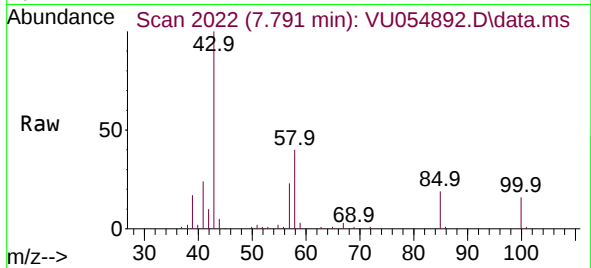
Tgt Ion: 83 Resp: 18014
Ion Ratio Lower Upper
83 100
85 74.9 52.2 78.2
127 8.9 6.1 9.1





#45
4-Methyl-2-Pentanone
Concen: 11.374 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

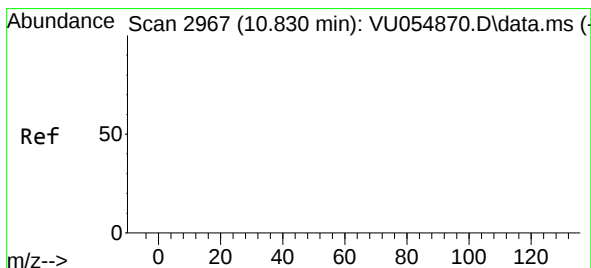
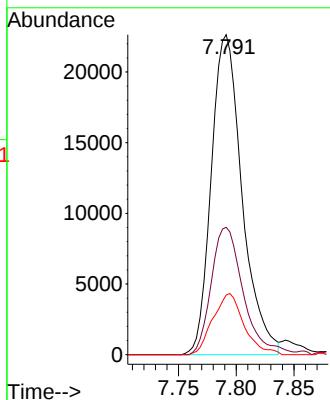
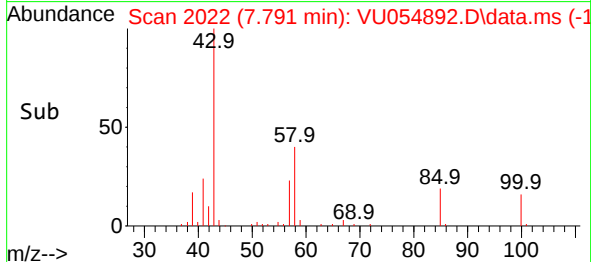
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 43 Resp: 4201
Ion Ratio Lower Upper
43 100
58 41.3 21.3 63.7
85 19.3 15.3 22.9

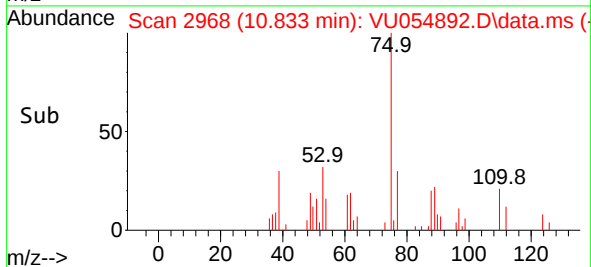
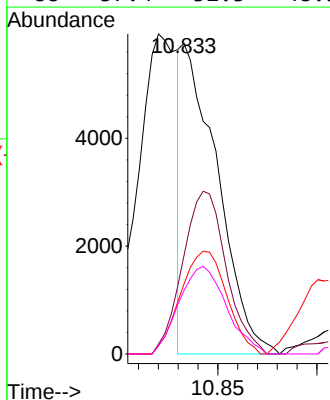
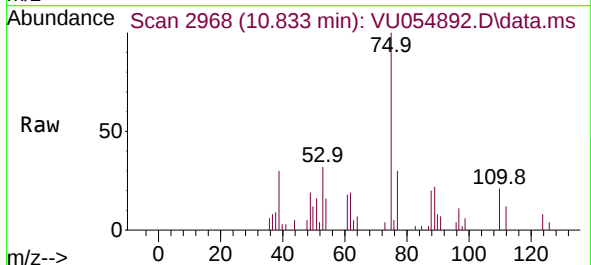
Manual Integrations
APPROVED

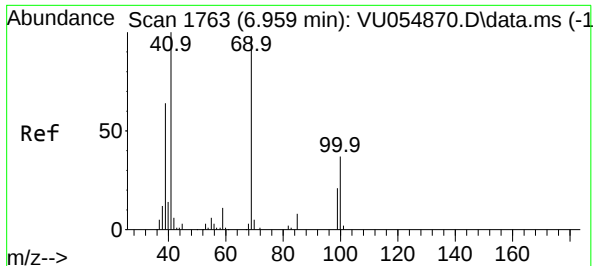
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 4.838 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion: 75 Resp: 7192
Ion Ratio Lower Upper
75 100
53 64.0 62.9 94.3
89 42.8 47.8 71.8#
88 37.4 32.3 48.5





#47

Methyl methacrylate

Concen: 4.785 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

Tgt Ion: 69 Resp: 13849

Ion Ratio Lower Upper

69 100

41 96.5 0.0 193.0

39 64.7 50.4 75.6

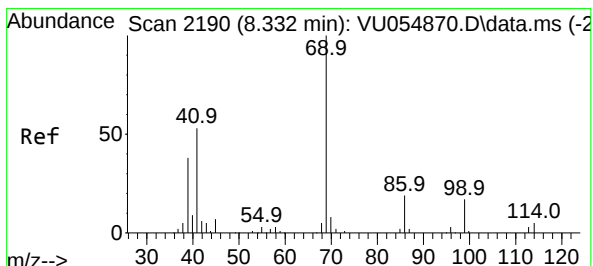
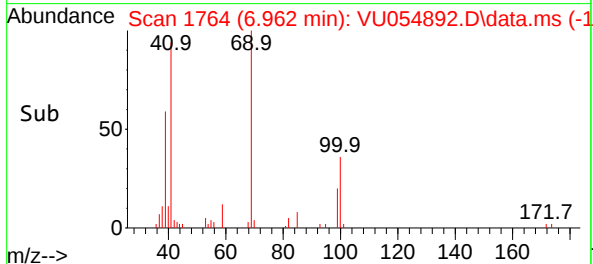
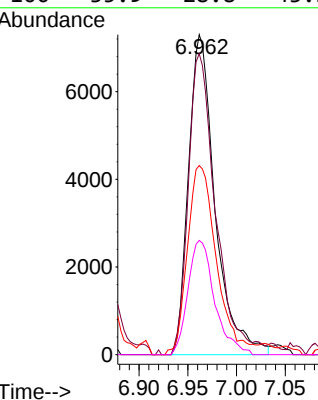
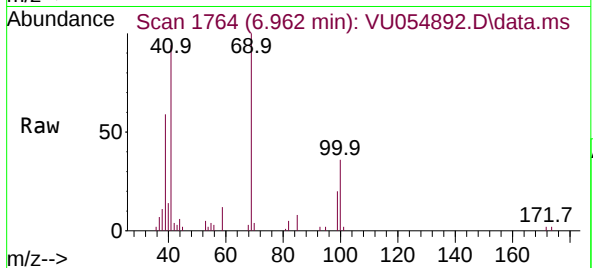
100 35.9 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 2.116 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054892.D

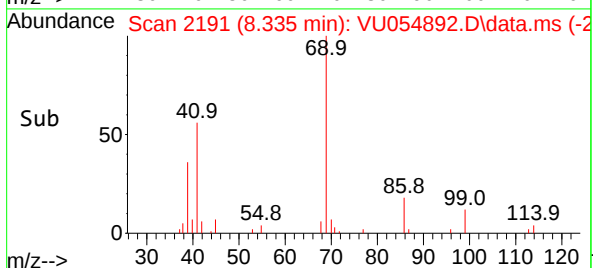
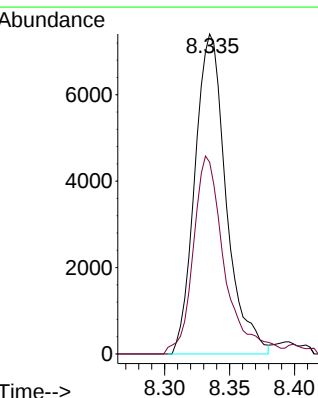
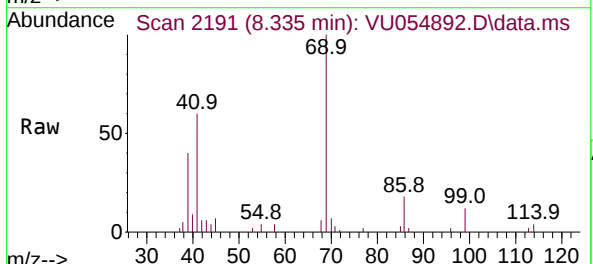
Acq: 27 Jul 2023 11:44

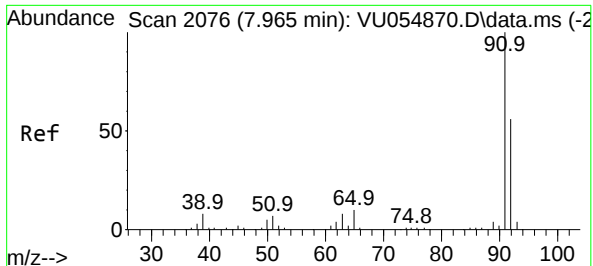
Tgt Ion: 69 Resp: 12389

Ion Ratio Lower Upper

69 100

41 62.0 28.8 86.5





#49

Toluene

Concen: 2.009 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

Tgt Ion: 92 Resp: 3051

Ion Ratio Lower Upper

92 100

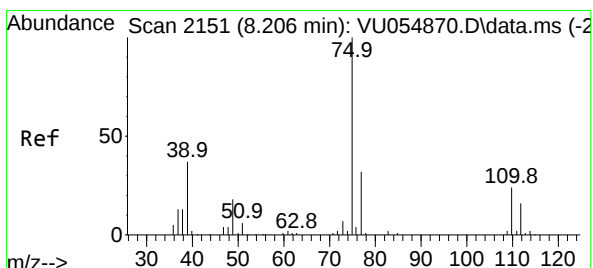
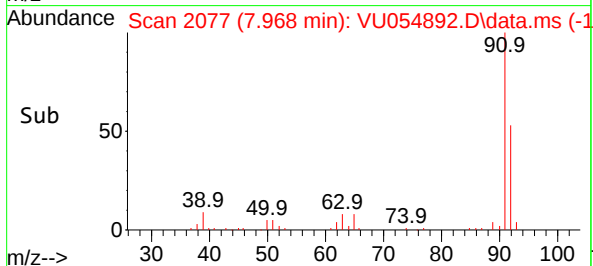
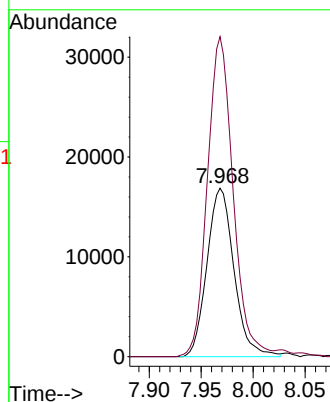
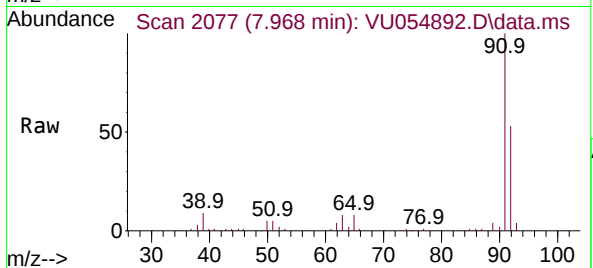
91 180.3 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 2.095 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054892.D

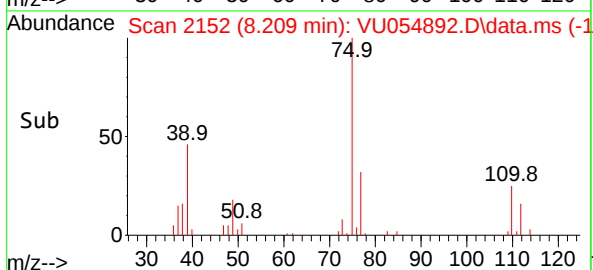
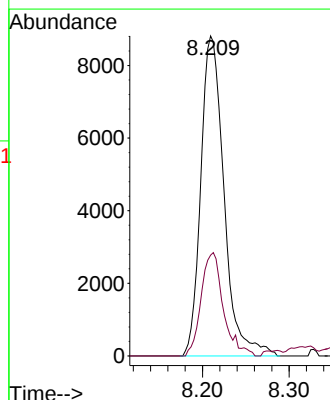
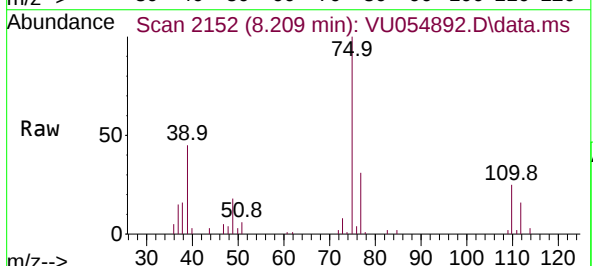
Acq: 27 Jul 2023 11:44

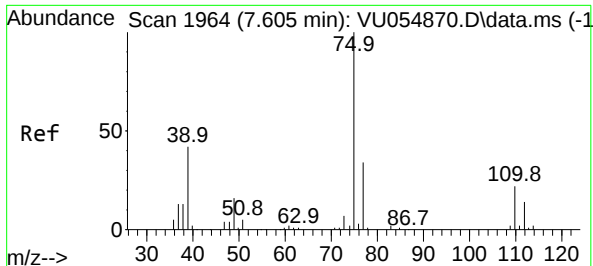
Tgt Ion: 75 Resp: 16407

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.969 ug/l

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

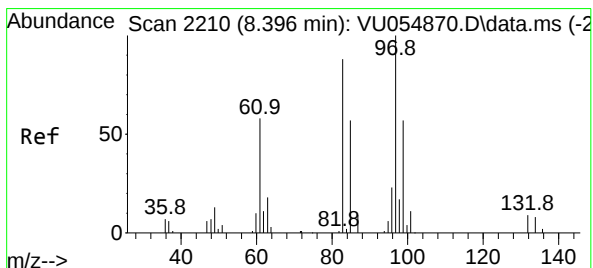
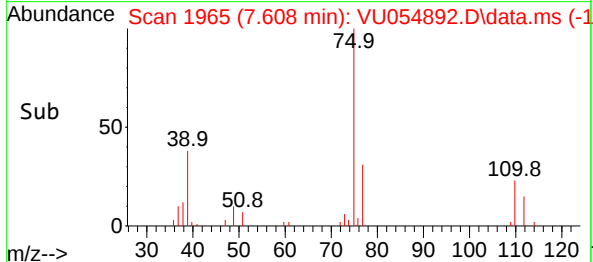
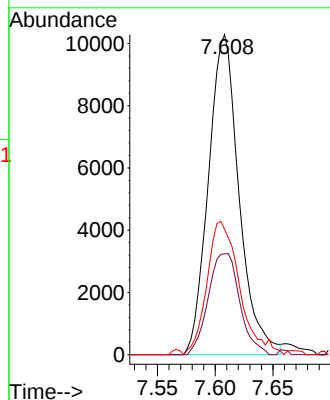
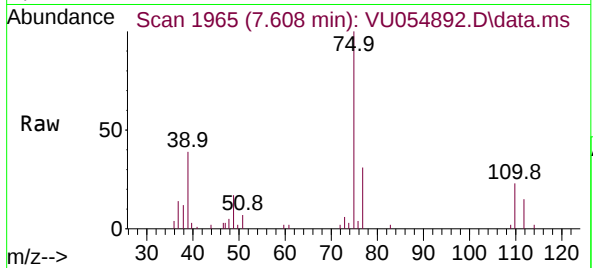
Tgt Ion:	75	Resp:	1895
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.8	38.8
39	40.6	31.7	47.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#52

1,1,2-Trichloroethane

Concen: 2.231 ug/l

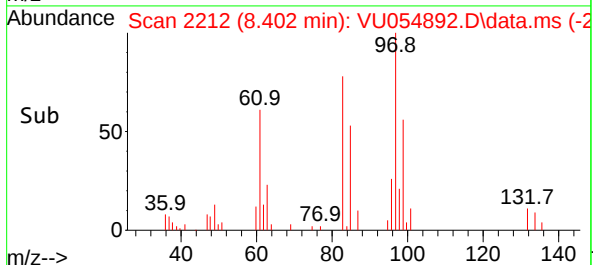
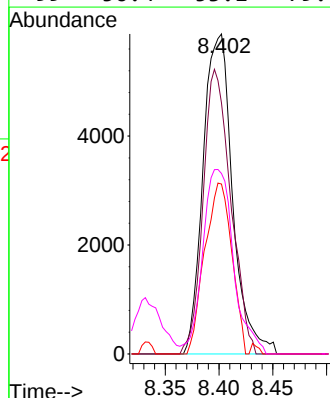
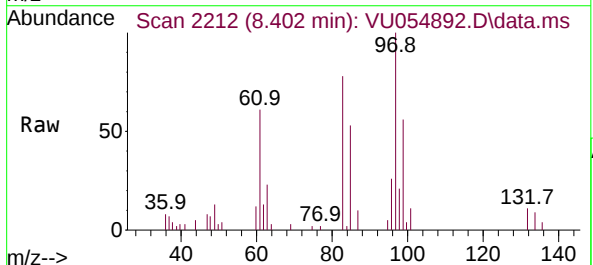
RT: 8.402 min Scan# 2212

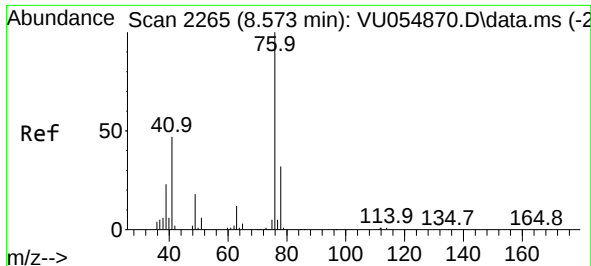
Delta R.T. 0.006 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Tgt Ion:	97	Resp:	11200
Ion Ratio	Lower	Upper	
97	100		
83	78.5	77.4	116.2
85	53.1	47.8	71.8
99	56.4	53.1	79.7





#53

1,3-Dichloropropane

Concen: 2.195 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0727WBS01

Tgt Ion: 76 Resp: 17820

Ion Ratio Lower Upper

76 100

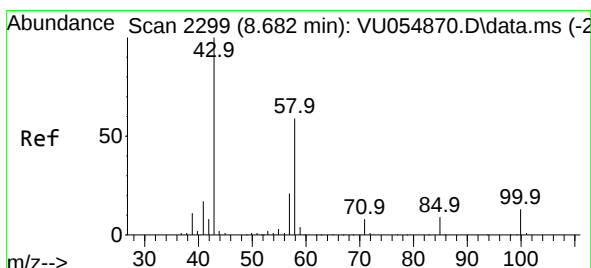
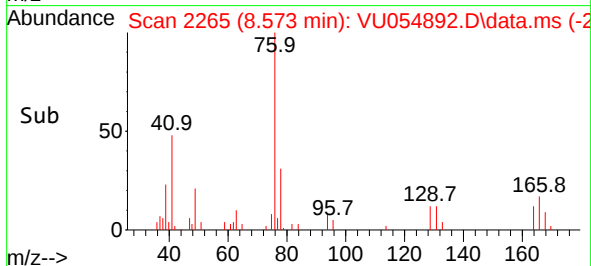
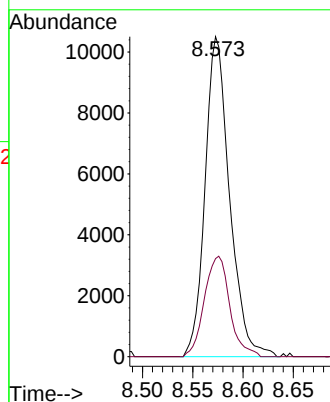
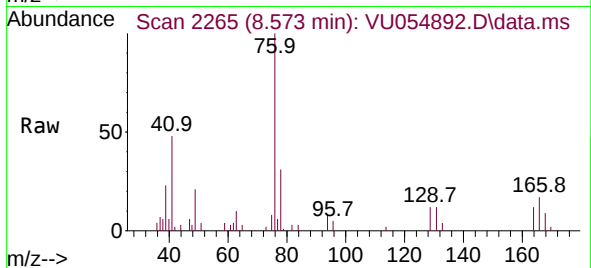
78 32.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 11.321 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054892.D

Acq: 27 Jul 2023 11:44

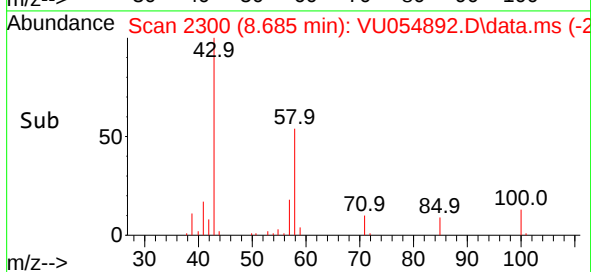
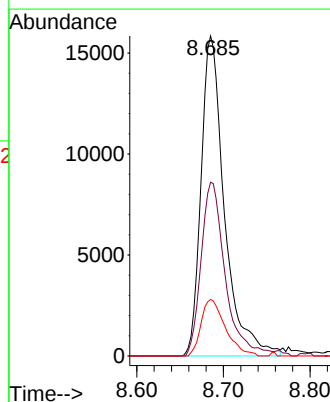
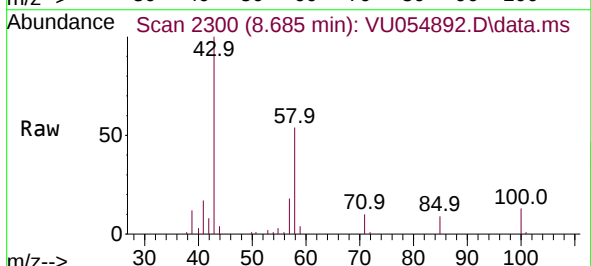
Tgt Ion: 43 Resp: 29717

Ion Ratio Lower Upper

43 100

58 55.9 38.9 78.9

57 18.3 0.0 38.7





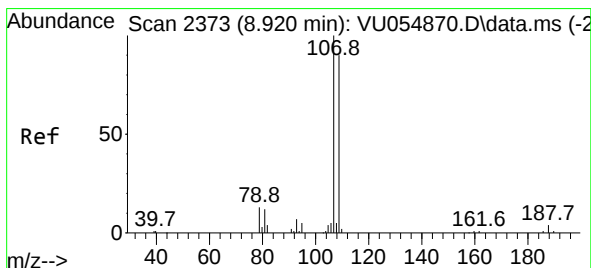
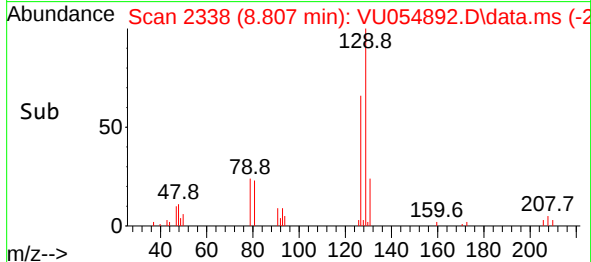
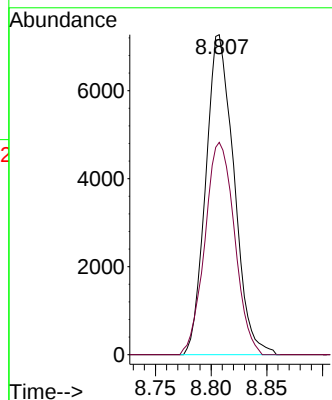
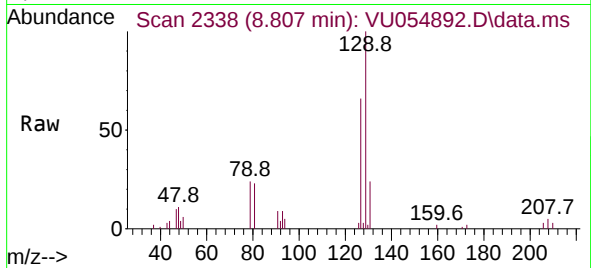
#55
Dibromochloromethane
Concen: 2.226 ug/l
RT: 8.807 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:129 Resp: 1280
Ion Ratio Lower Upper
129 100
127 69.7 61.4 92.0

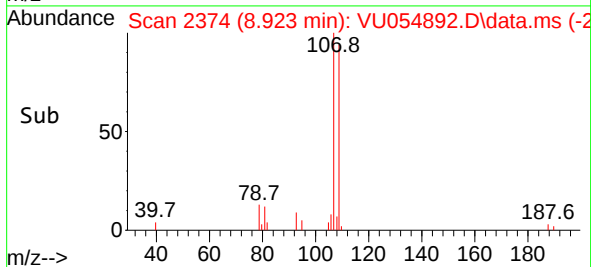
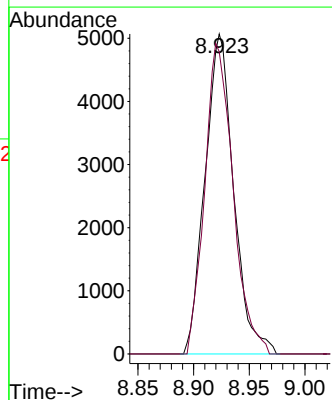
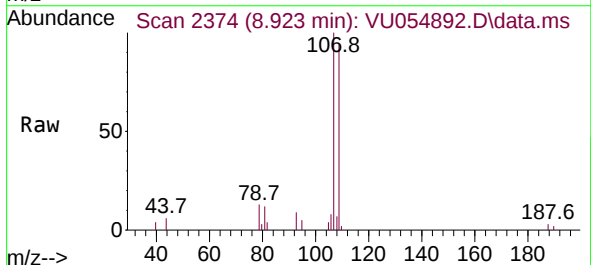
Manual Integrations
APPROVED

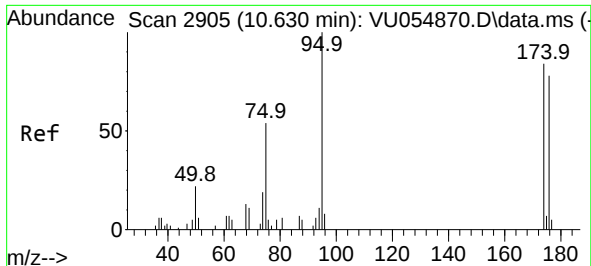
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 2.135 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

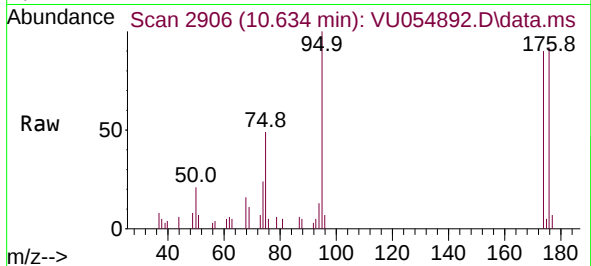
Tgt Ion:107 Resp: 9082
Ion Ratio Lower Upper
107 100
109 95.9 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.090 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

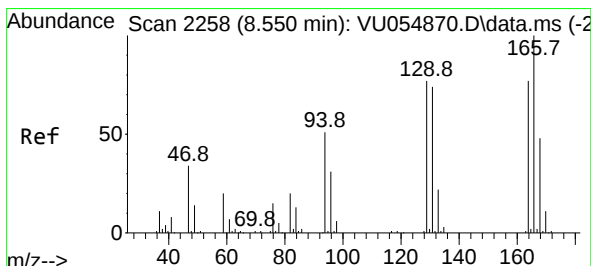
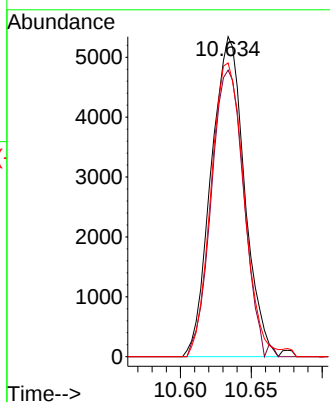
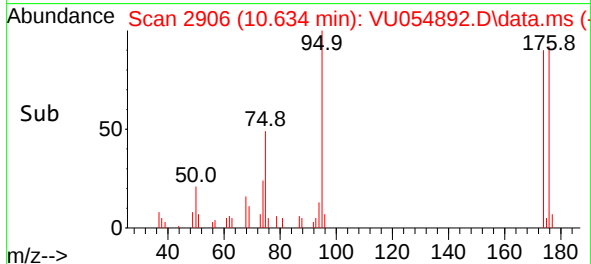
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion: 95 Resp: 874
Ion Ratio Lower Upper
95 100
174 87.2 79.3 118.9
176 91.5 71.5 107.3

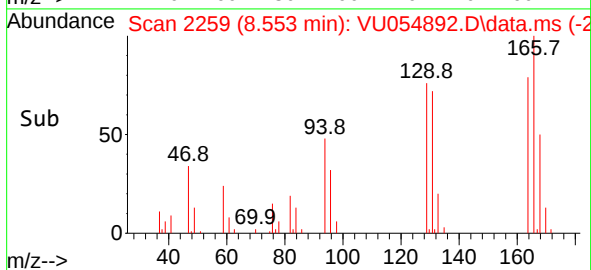
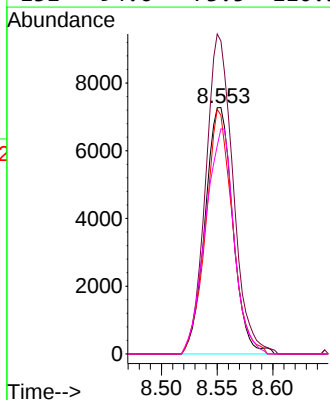
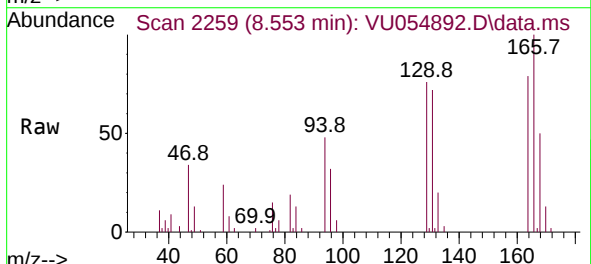
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 2.241 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:164 Resp: 12545
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 96.9 71.9 107.9
131 94.6 73.5 110.3





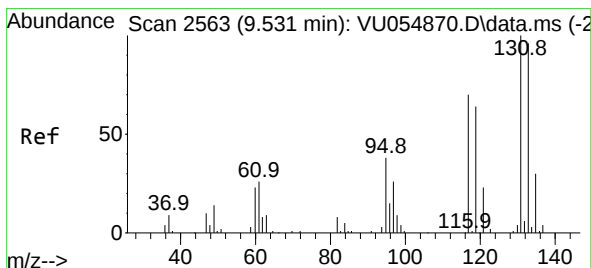
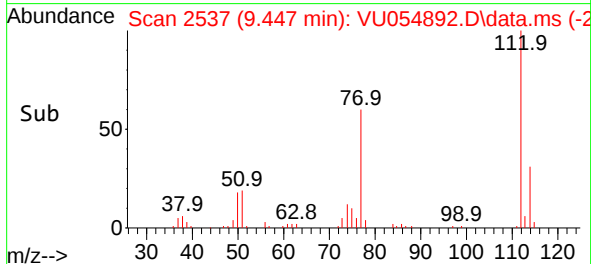
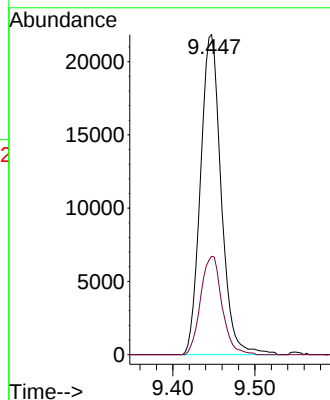
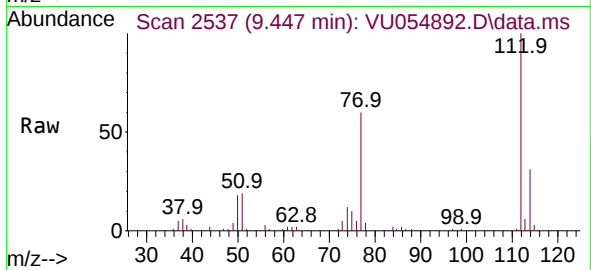
#59
Chlorobenzene
Concen: 2.075 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:112 Resp: 3824
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6

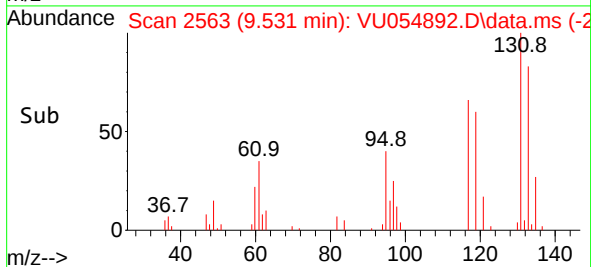
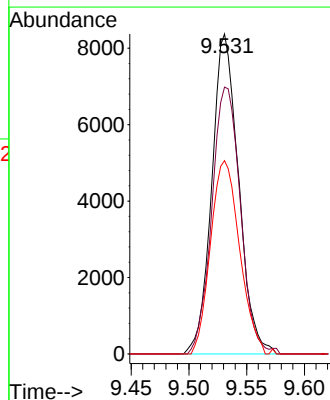
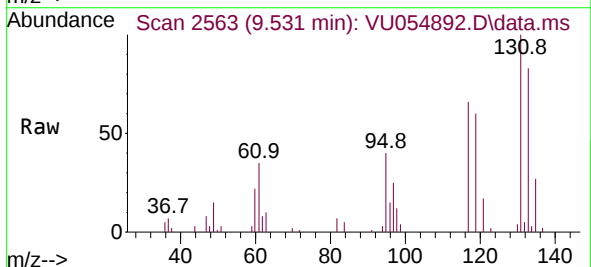
Manual Integrations
APPROVED

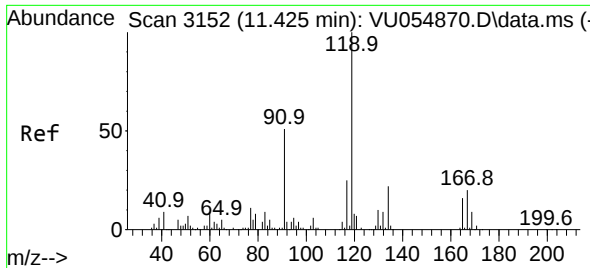
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.075 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

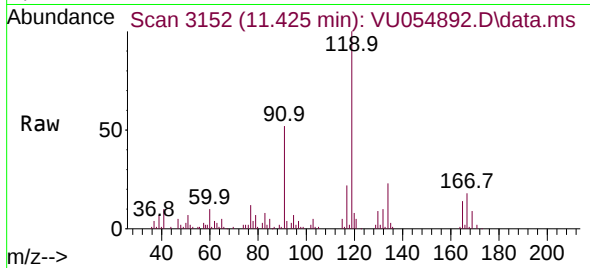
Tgt Ion:131 Resp: 13503
Ion Ratio Lower Upper
131 100
133 88.8 74.2 111.4
119 65.5 51.0 76.4





#61
Pentachloroethane
Concen: 1.913 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

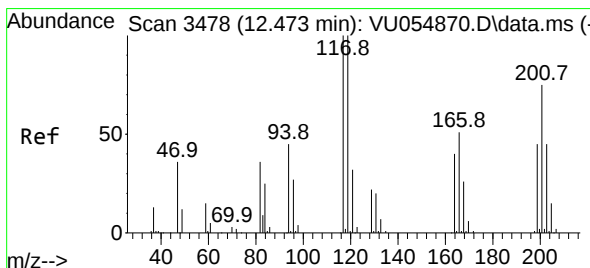
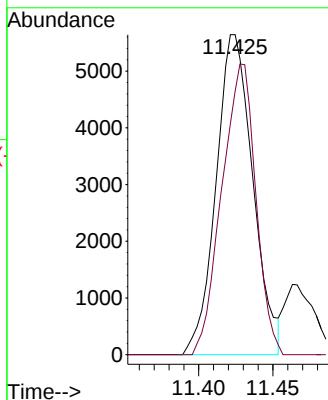
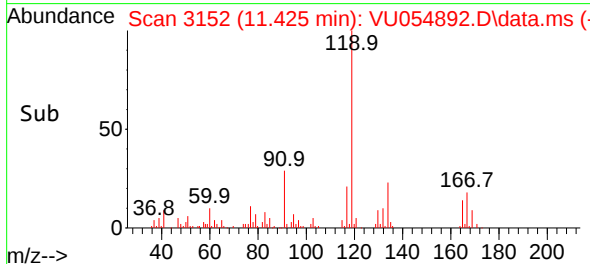
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



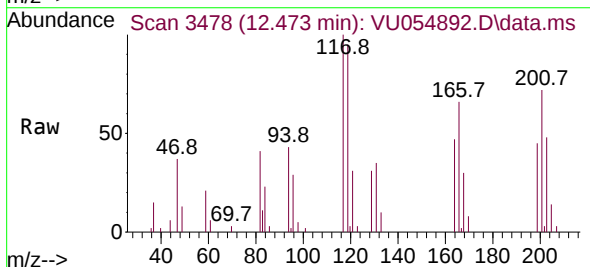
Tgt Ion:117 Resp: 9720
Ion Ratio Lower Upper
117 100
167 83.7 65.3 97.9

Manual Integrations
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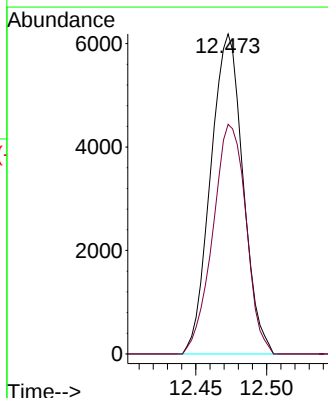
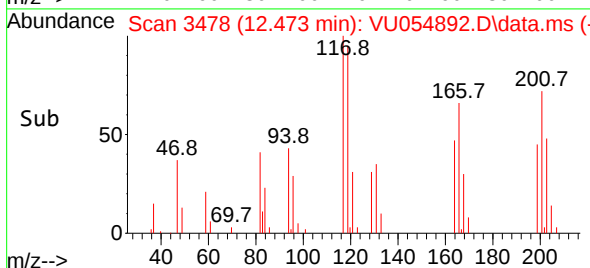
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

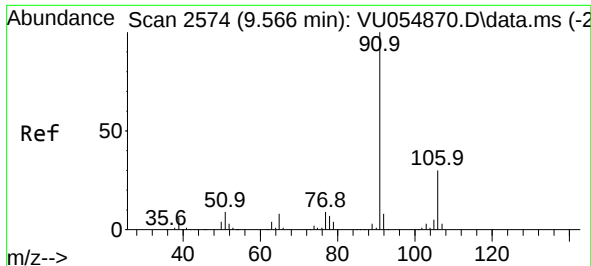


#62
Hexachloroethane
Concen: 1.879 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion:117 Resp: 9826
Ion Ratio Lower Upper
117 100
201 73.6 56.1 84.1





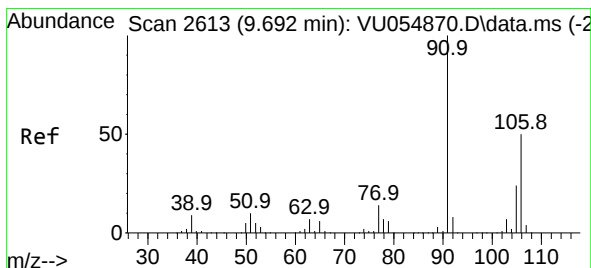
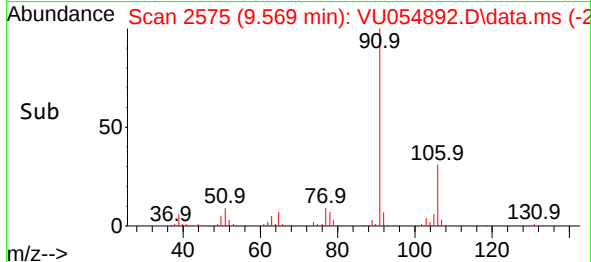
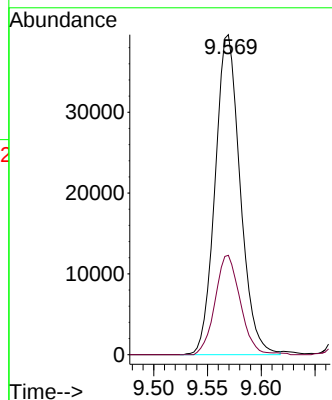
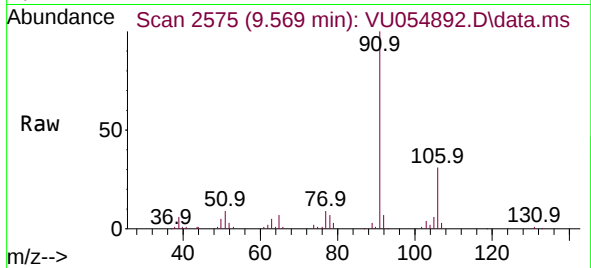
#63
Ethyl Benzene
Concen: 2.074 ug/l
RT: 9.569 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion: 91 Resp: 64162
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2

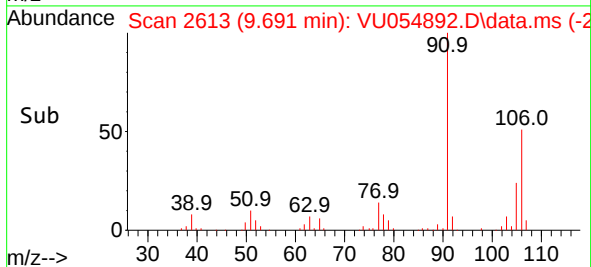
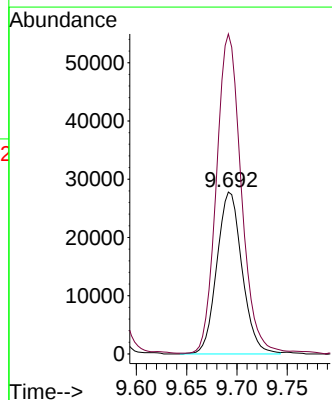
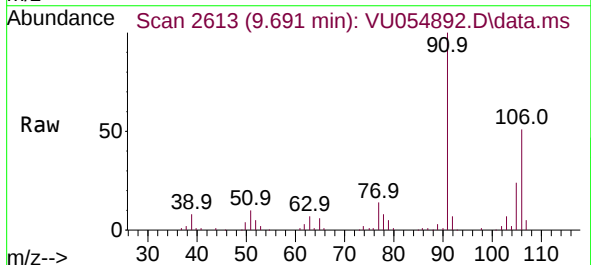
Manual Integrations
APPROVED

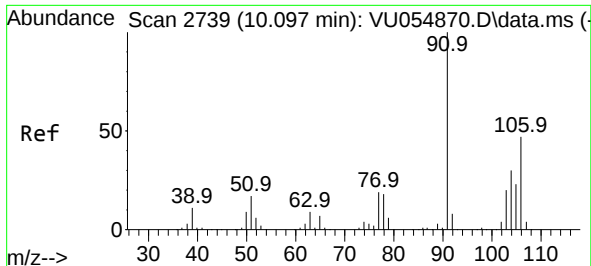
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 4.191 ug/l
RT: 9.691 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:106 Resp: 48503
Ion Ratio Lower Upper
106 100
91 196.8 158.8 238.2





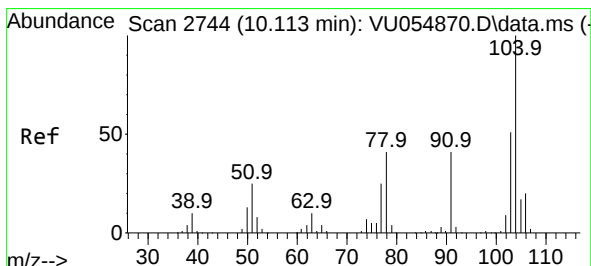
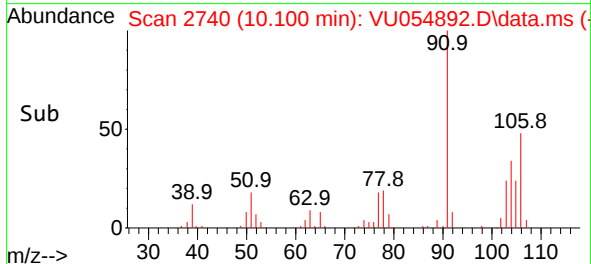
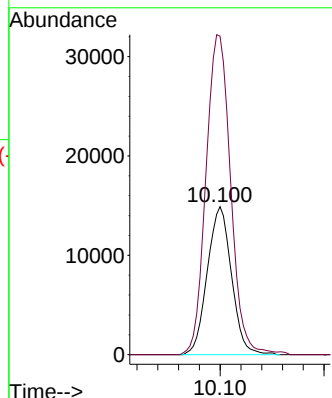
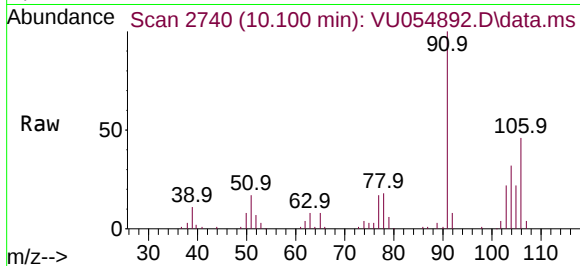
#65
o-Xylene
Concen: 2.030 ug/l
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:106 Resp: 24130
Ion Ratio Lower Upper
106 100
91 220.5 108.9 326.8

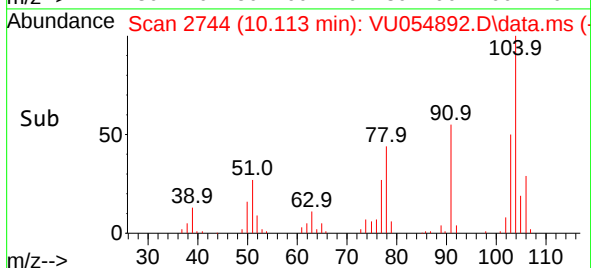
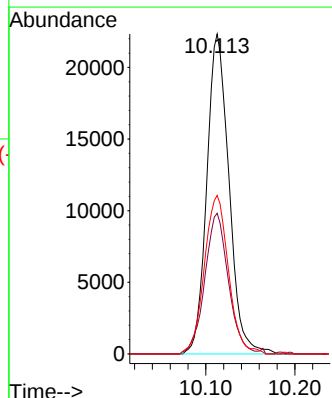
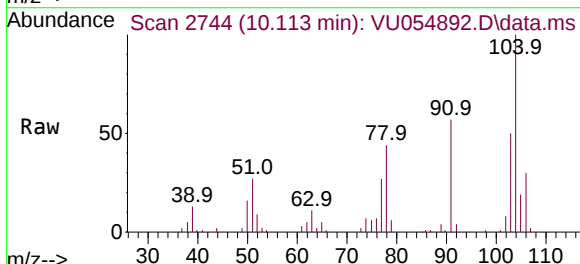
Manual Integrations
APPROVED

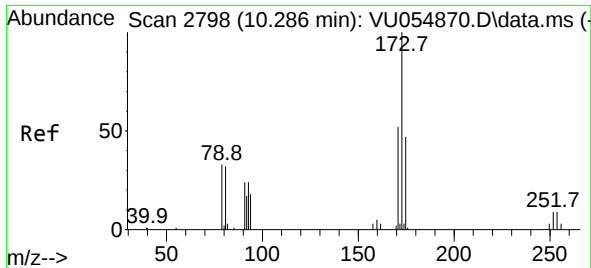
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 2.031 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

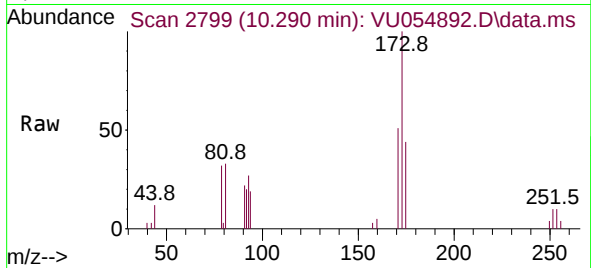
Tgt Ion:104 Resp: 38592
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 53.9 45.2 67.8





#67
Bromoform
Concen: 2.156 ug/l
RT: 10.290 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

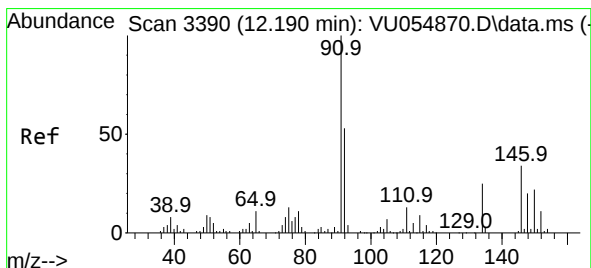
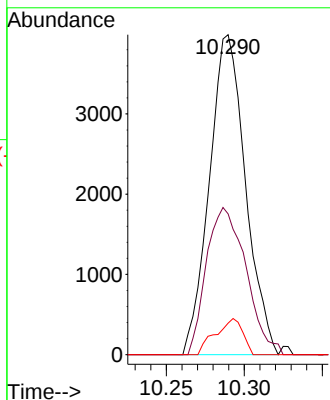
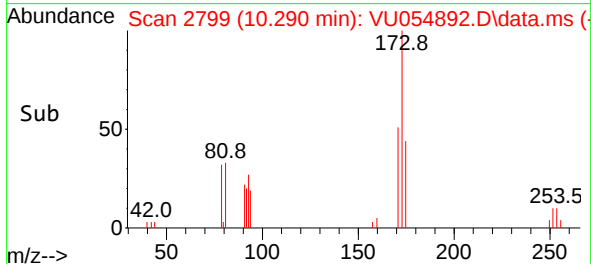
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



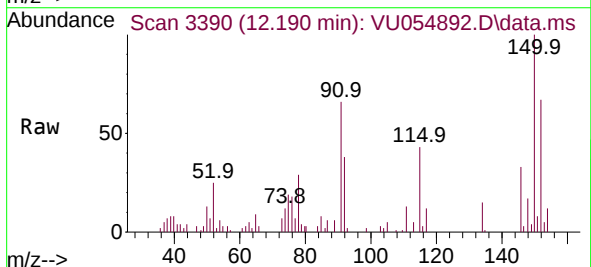
Tgt Ion:173 Resp: 6428
Ion Ratio Lower Upper
173 100
175 50.3 39.0 58.6
254 8.5 7.4 11.0

Manual Integrations
APPROVED

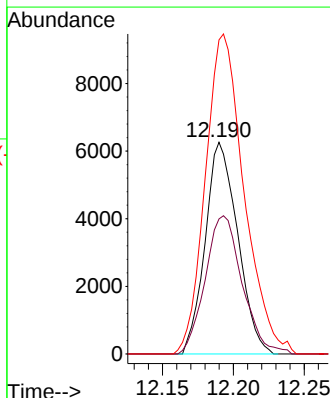
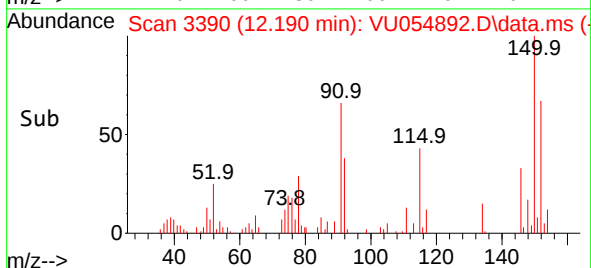
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

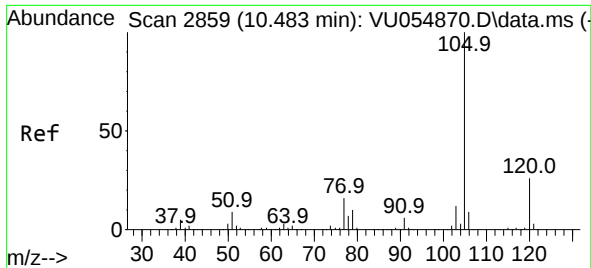


#68
1,2-Dichlorobenzene-d4
Concen: 1.100 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion:152 Resp: 9978
Ion Ratio Lower Upper
152 100
115 74.3 0.0 234.8
150 180.1 0.0 598.2





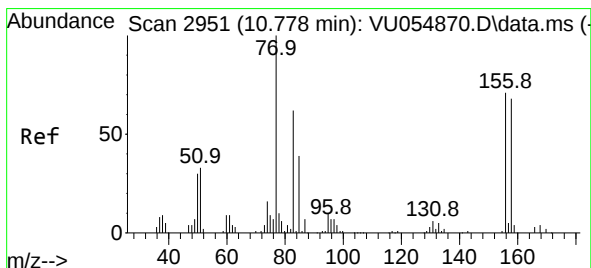
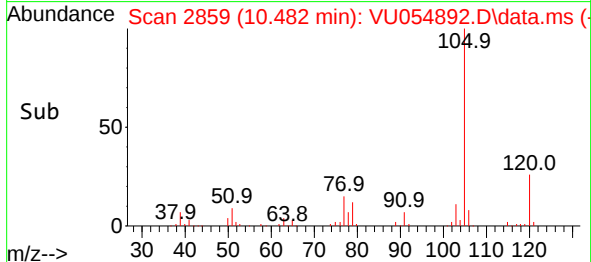
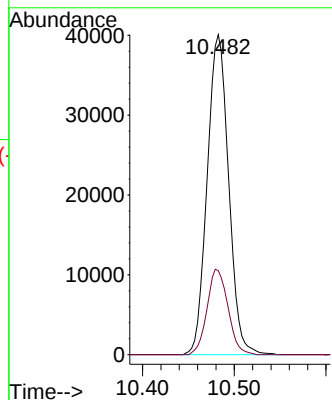
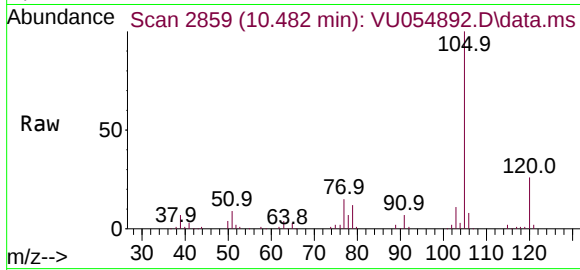
#69
Isopropylbenzene
Concen: 2.041 ug/l
RT: 10.482 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:105 Resp: 6513
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

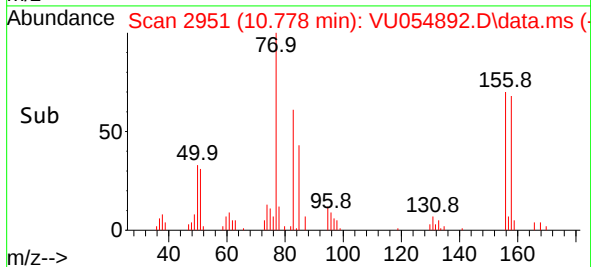
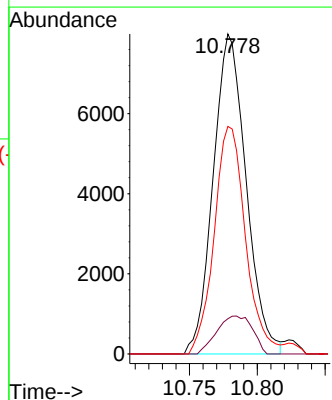
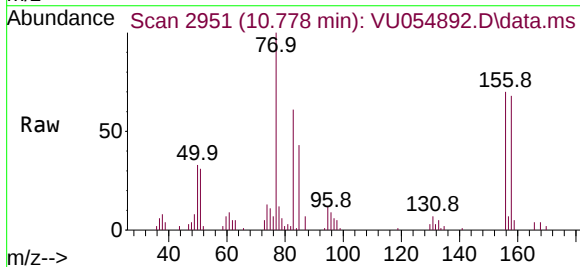
Manual Integrations
APPROVED

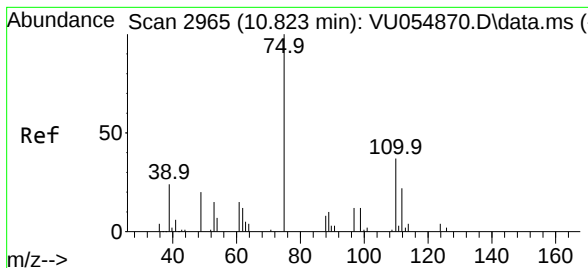
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 2.171 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

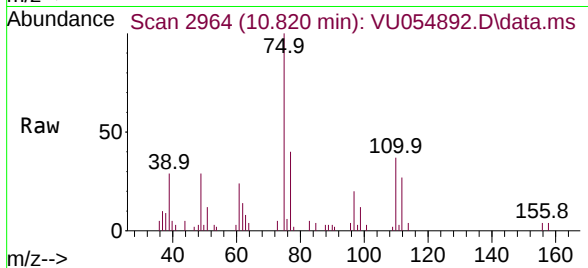
Tgt Ion: 83 Resp: 13487
Ion Ratio Lower Upper
83 100
131 12.8 7.5 11.3#
85 67.6 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 2.142 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

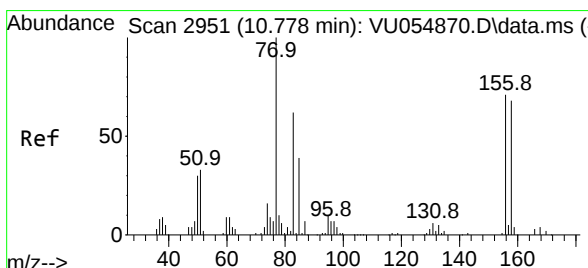
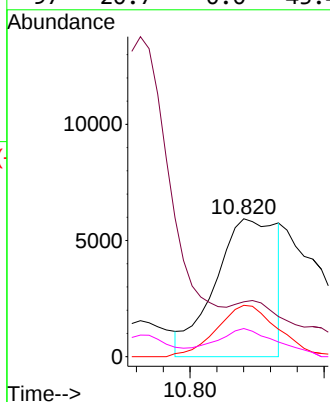
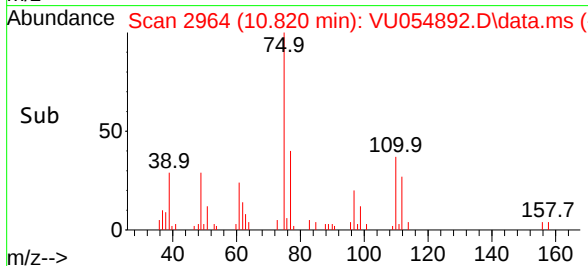
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



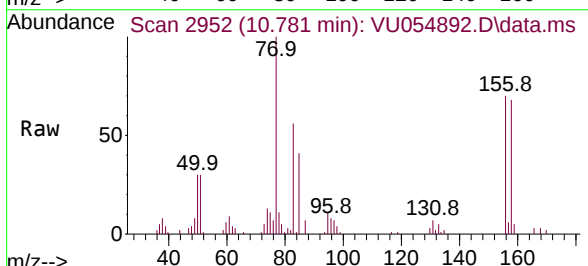
Tgt Ion: 75 Resp: 947
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 37.2 0.0 80.8
97 20.7 0.0 43.4

Manual Integrations
APPROVED

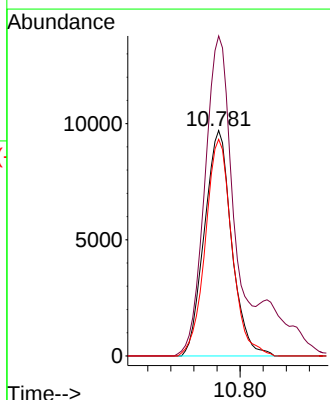
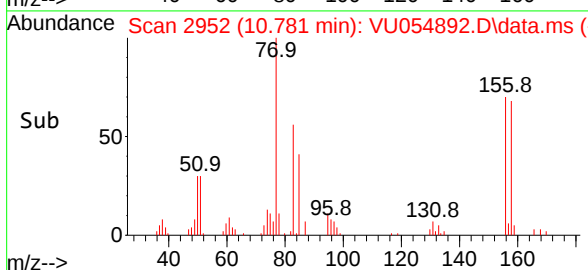
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

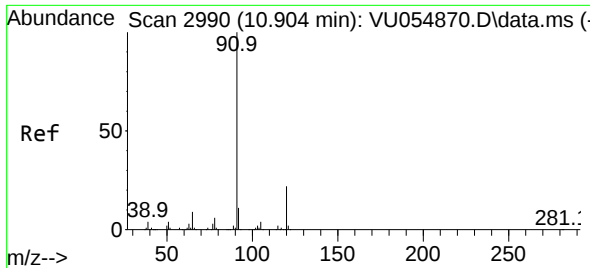


#72
Bromobenzene
Concen: 2.234 ug/l
RT: 10.781 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



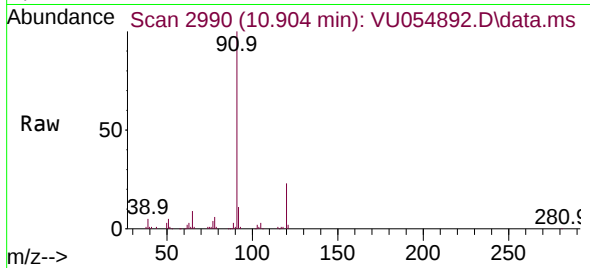
Tgt Ion:156 Resp: 15871
Ion Ratio Lower Upper
156 100
77 147.3 0.0 293.2
158 93.9 0.0 189.8





#73
n-propylbenzene
Concen: 2.079 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

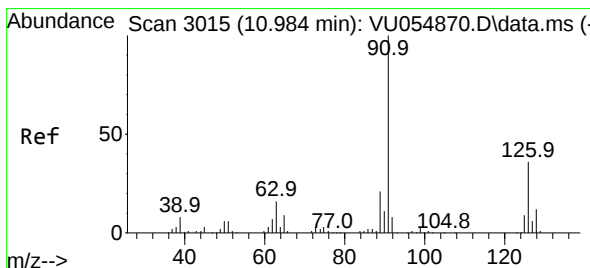
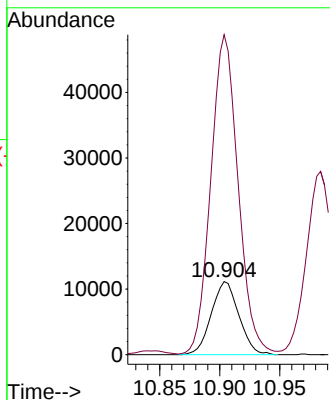
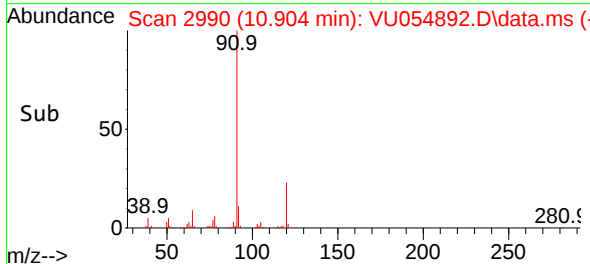
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion:120 Resp: 17759
Ion Ratio Lower Upper
120 100
91 432.3 361.8 542.6

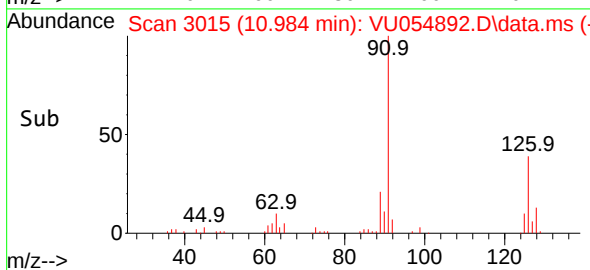
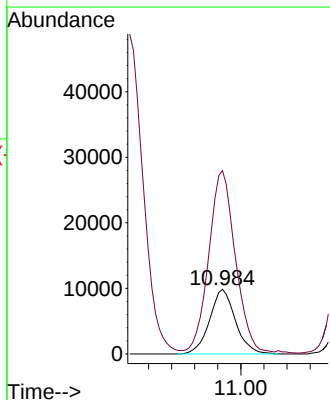
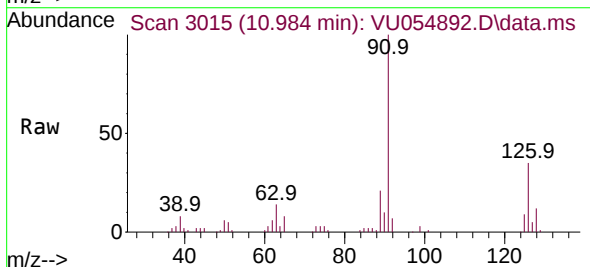
Manual Integrations
APPROVED

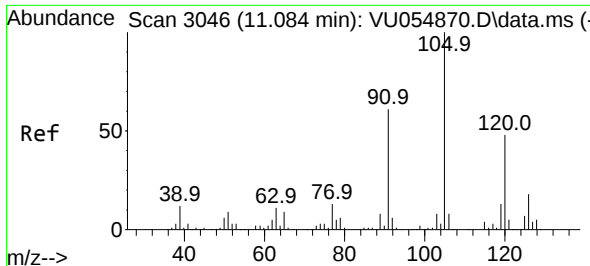
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 2.070 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:126 Resp: 15303
Ion Ratio Lower Upper
126 100
91 287.8 0.0 561.4





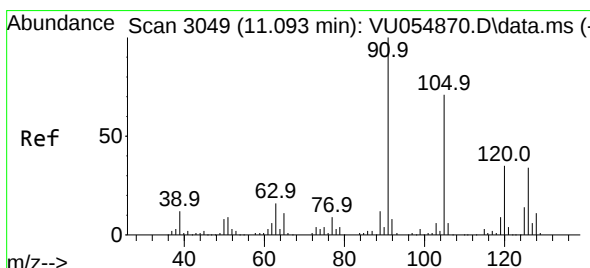
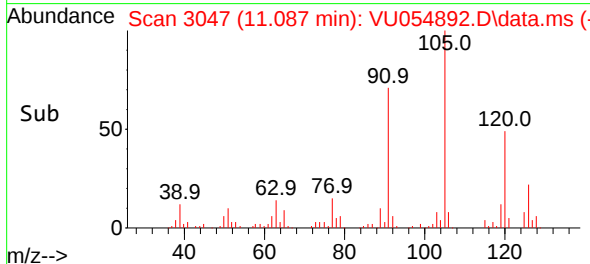
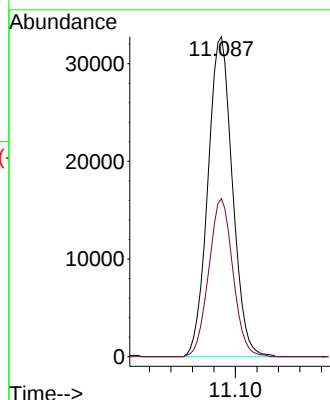
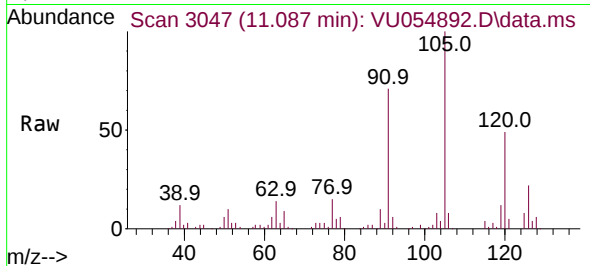
#75
1,3,5-Trimethylbenzene
Concen: 2.012 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:105 Resp: 5199
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.4

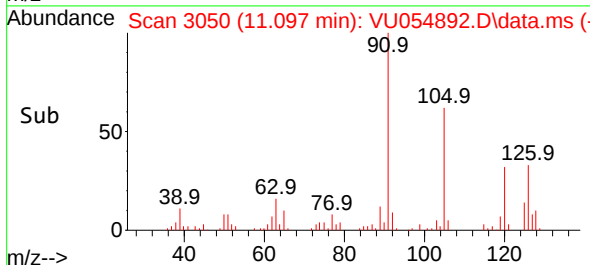
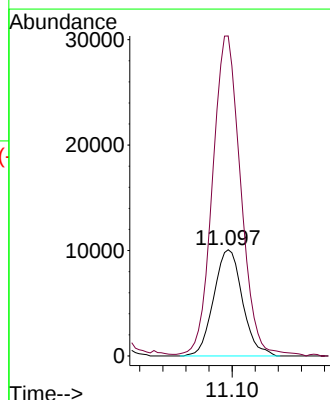
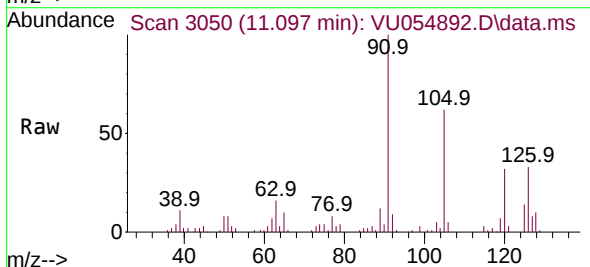
Manual Integrations
APPROVED

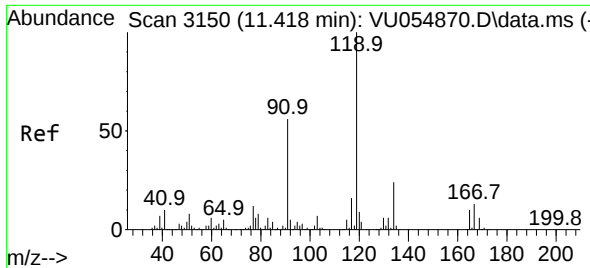
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 2.264 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:126 Resp: 17391
Ion Ratio Lower Upper
126 100
91 297.1 0.0 623.4





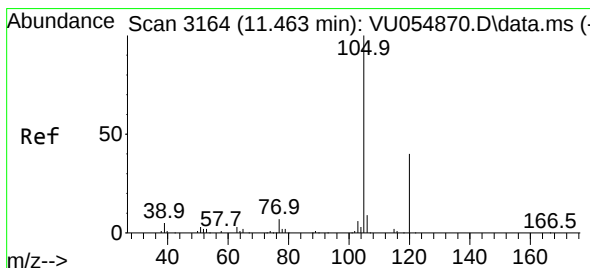
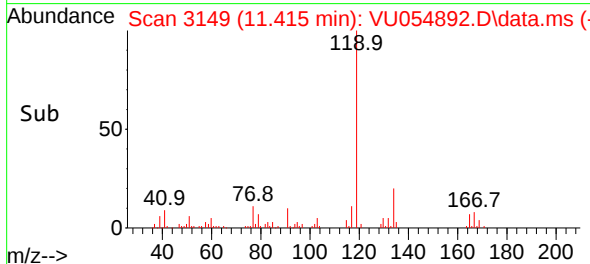
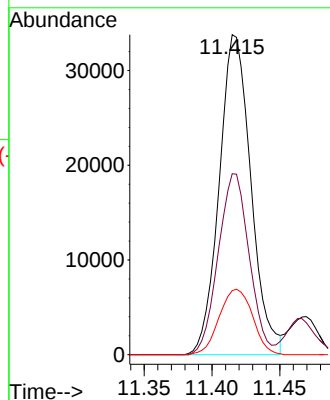
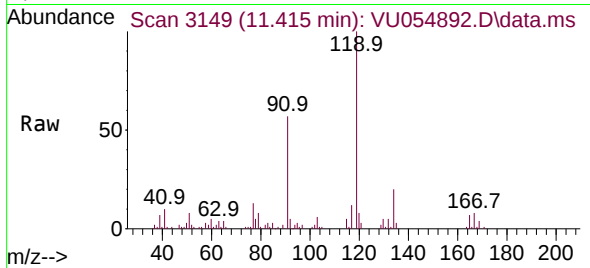
#77
tert-Butylbenzene
Concen: 2.048 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:119 Resp: 5503
Ion Ratio Lower Upper
119 100
91 55.1 27.7 83.1
134 21.5 18.6 27.8

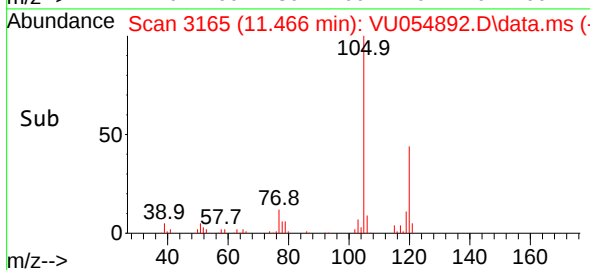
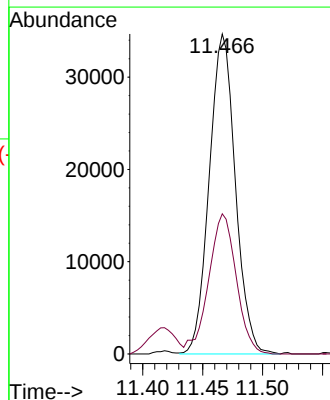
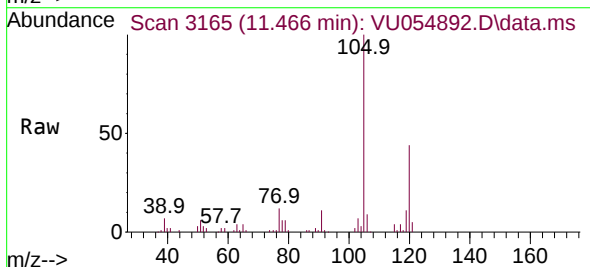
Manual Integrations
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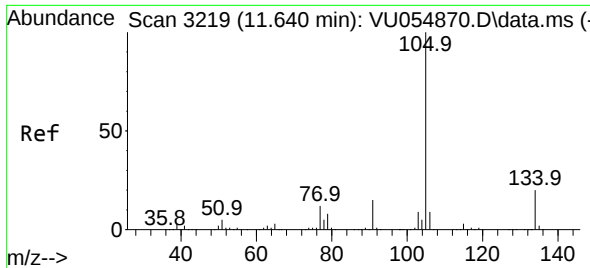
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.984 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Tgt Ion:105 Resp: 52494
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3





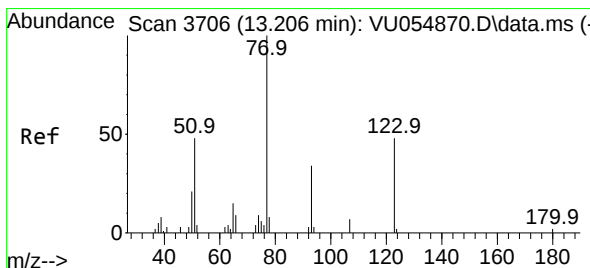
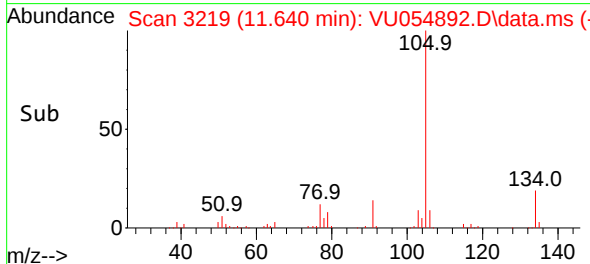
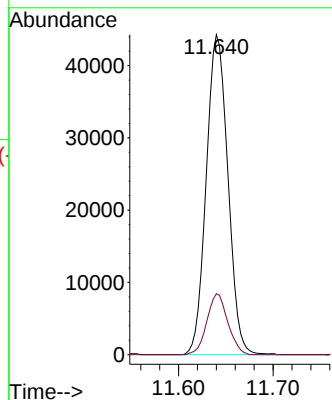
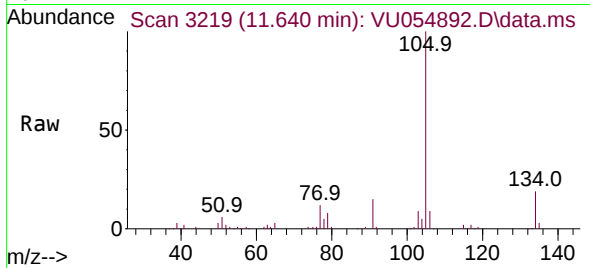
#79
 sec-Butylbenzene
 Concen: 2.017 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBS01

Tgt Ion:105 Resp: 7046
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.7 23.5

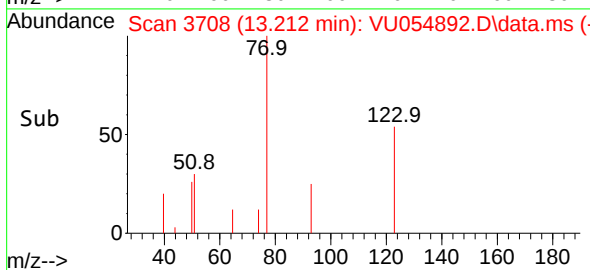
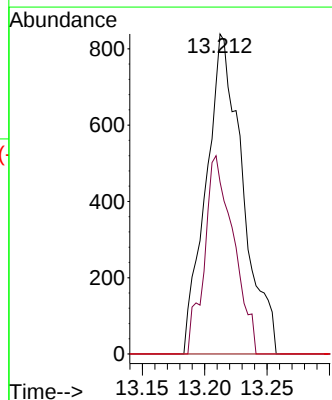
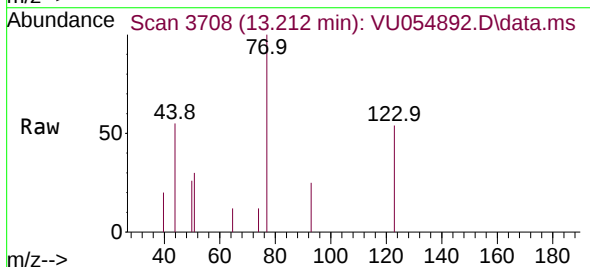
Manual Integrations
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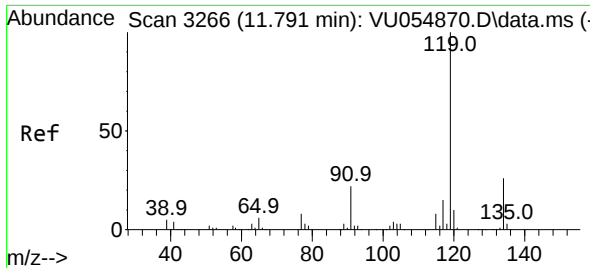
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 10.519 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU054892.D
 Acq: 27 Jul 2023 11:44

Tgt Ion: 77 Resp: 1717
 Ion Ratio Lower Upper
 77 100
 123 49.2 20.2 71.8
 65 0.0 11.7 14.9#





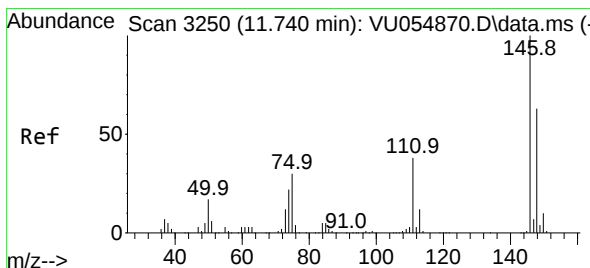
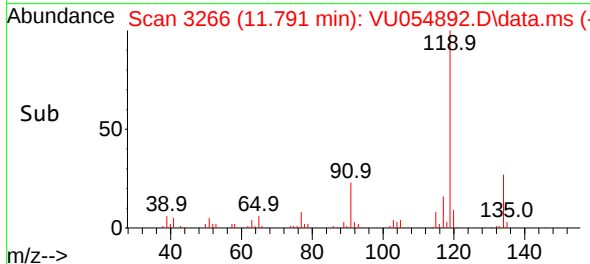
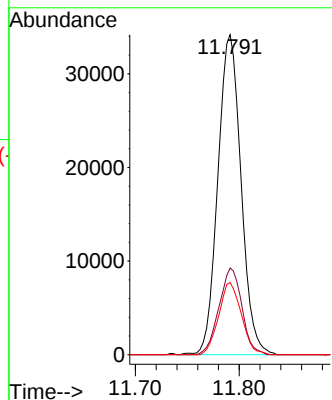
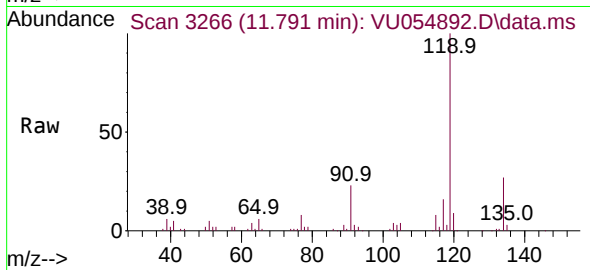
#81
p-Isopropyltoluene
Concen: 1.921 ug/l
RT: 11.791 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01

Tgt Ion:119 Resp: 5296
Ion Ratio Lower Upper
119 100
134 26.7 20.6 31.0
91 22.1 18.2 27.4

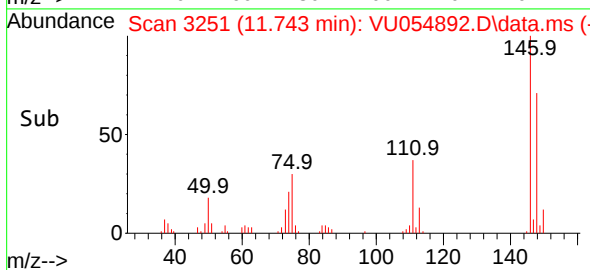
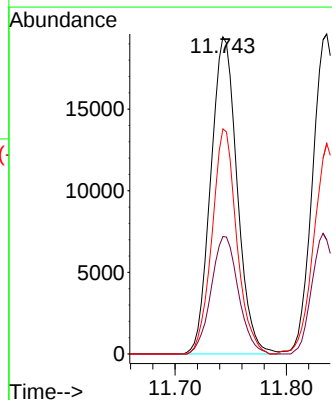
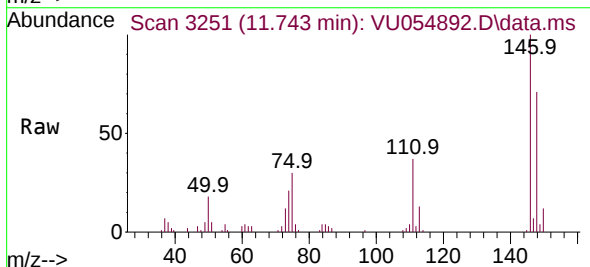
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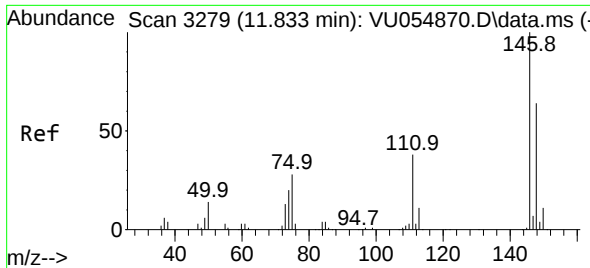
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 2.114 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

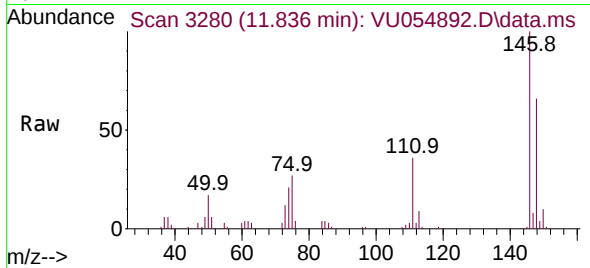
Tgt Ion:146 Resp: 31982
Ion Ratio Lower Upper
146 100
111 38.2 30.5 45.7
148 66.3 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 2.145 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

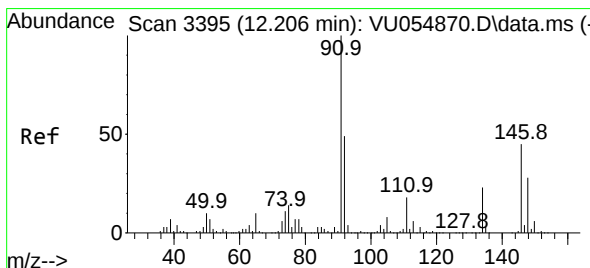
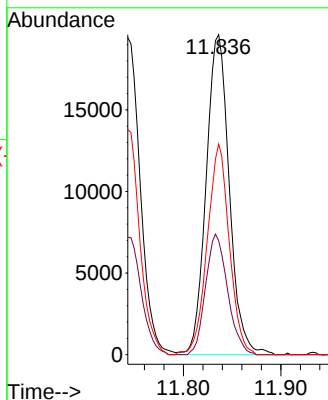
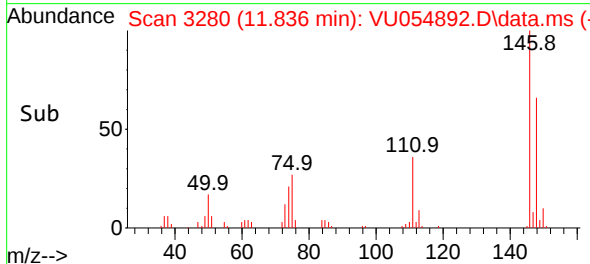
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



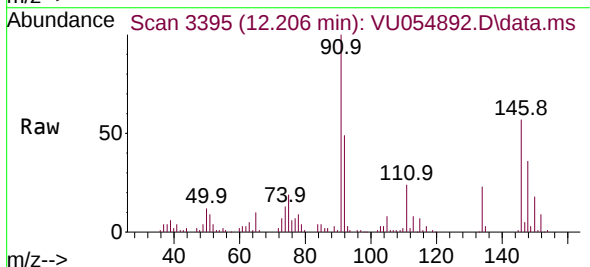
Tgt Ion:146 Resp: 3233
Ion Ratio Lower Upper
146 100
111 36.0 29.5 44.3
148 62.7 51.2 76.8

Manual Integrations
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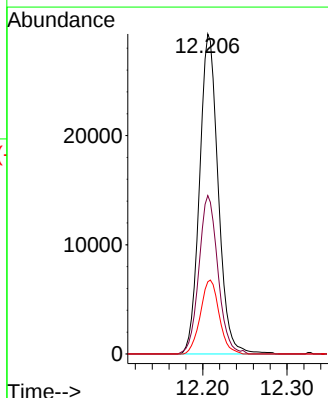
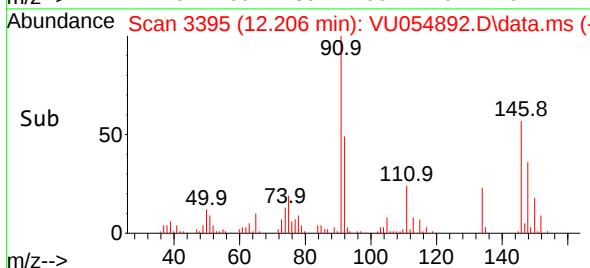
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

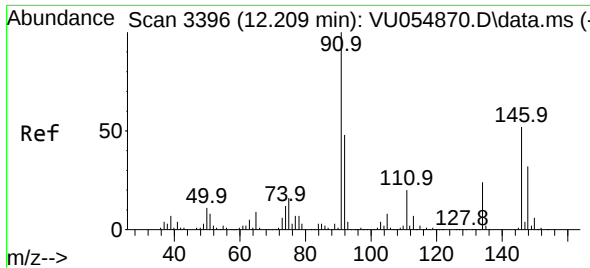


#84
n-Butylbenzene
Concen: 1.825 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



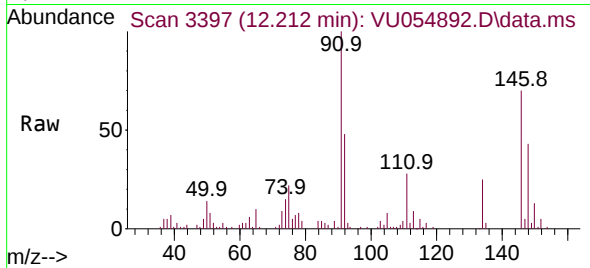
Tgt Ion: 91 Resp: 45187
Ion Ratio Lower Upper
91 100
92 50.4 39.8 59.8
134 23.3 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 2.081 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

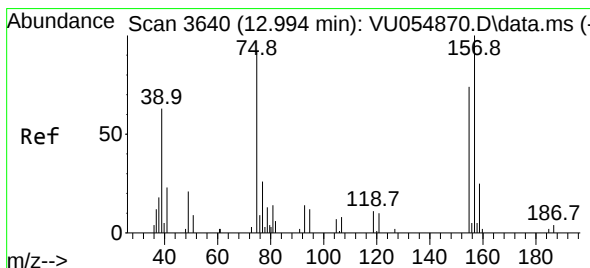
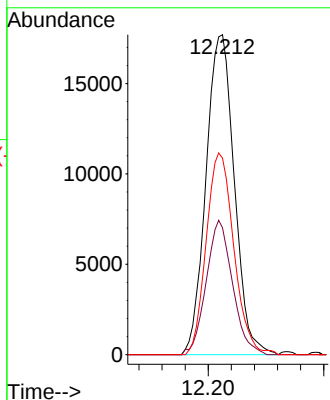
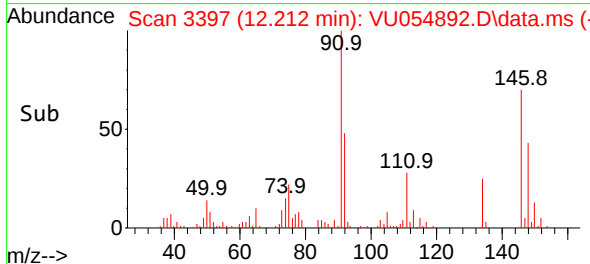
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



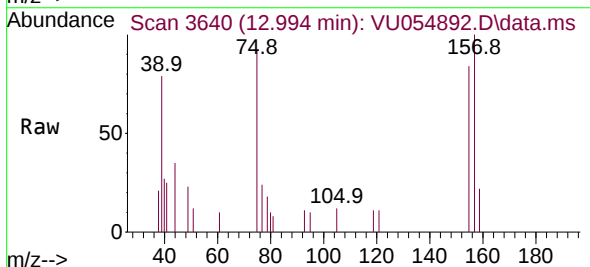
Tgt Ion:146 Resp: 3016
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.4
148 61.6 31.8 95.3

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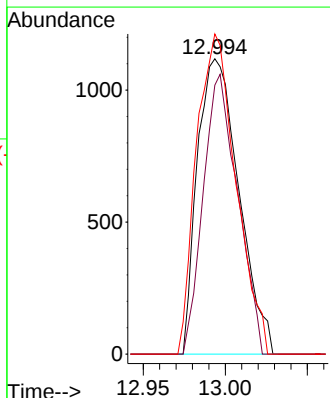
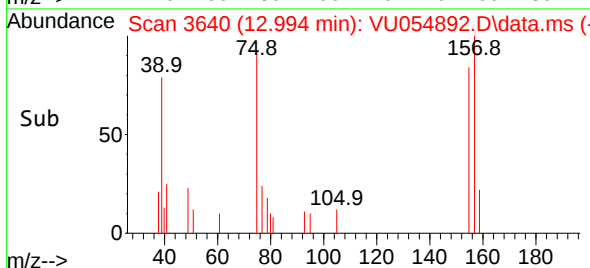
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

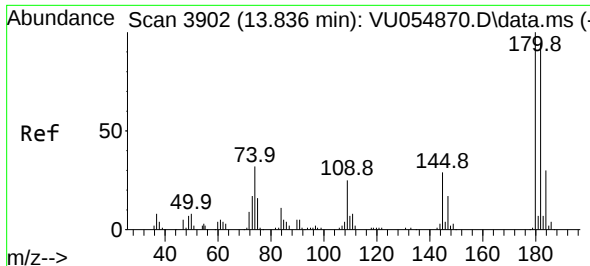


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.375 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



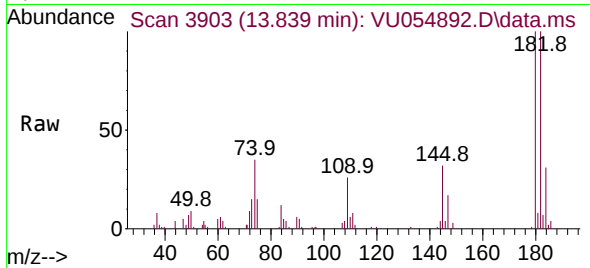
Tgt Ion: 75 Resp: 1962
Ion Ratio Lower Upper
75 100
155 78.8 74.8 112.2
157 103.3 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 1.965 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

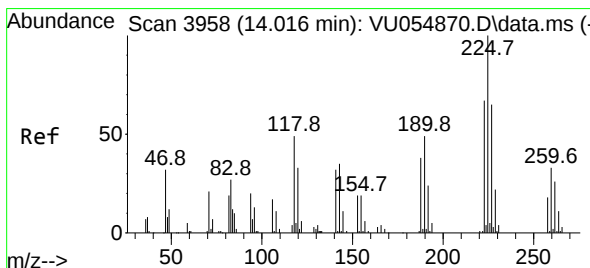
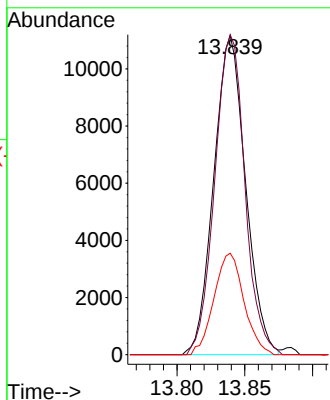
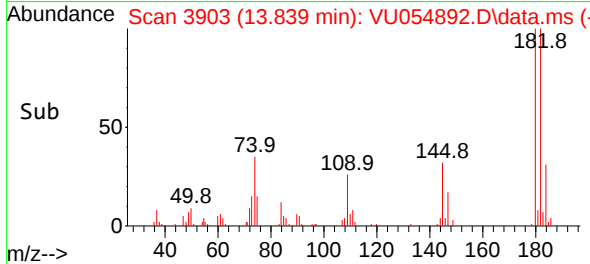
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



Tgt Ion:180 Resp: 1817
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.6
145 30.1 23.4 35.0

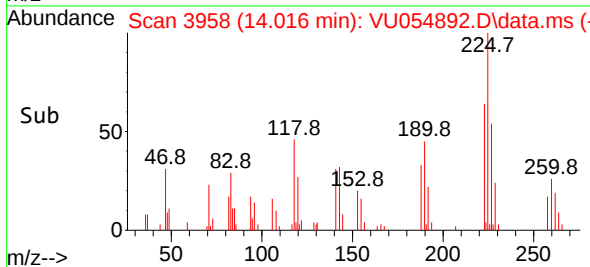
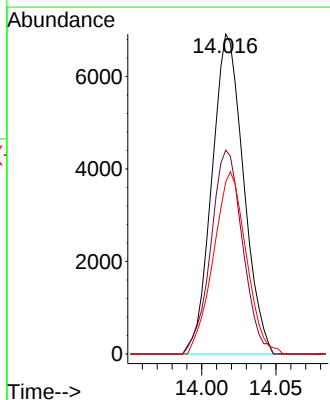
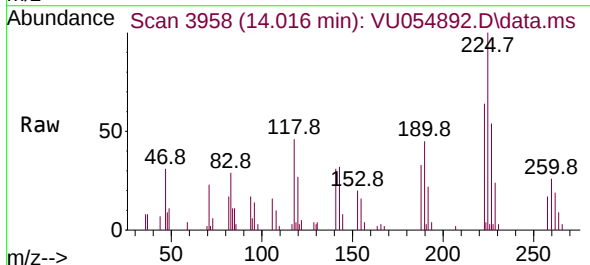
Manual Integrations
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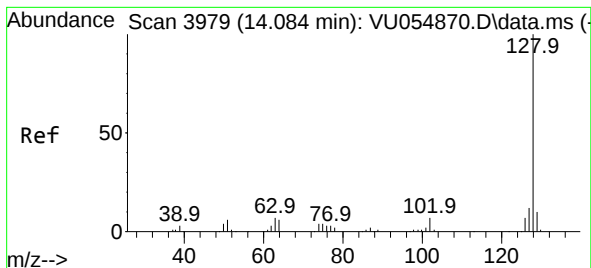
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 2.079 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

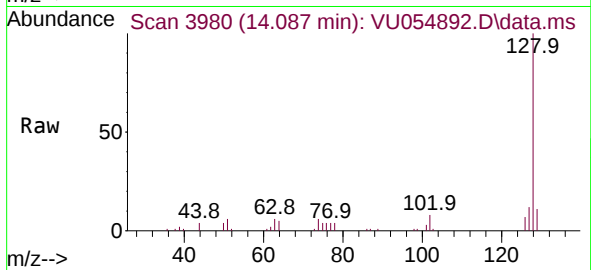
Tgt Ion:225 Resp: 10256
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 58.7 50.7 76.1





#89
Naphthalene
Concen: 2.015 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44

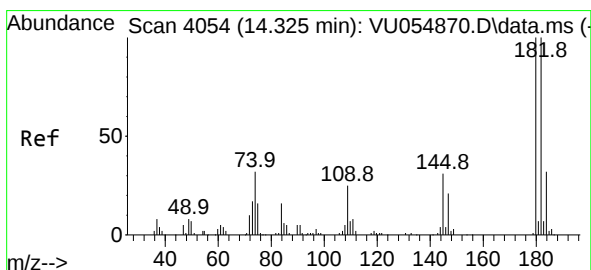
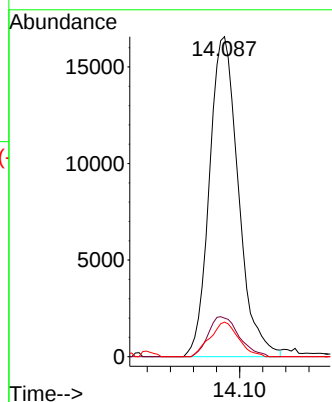
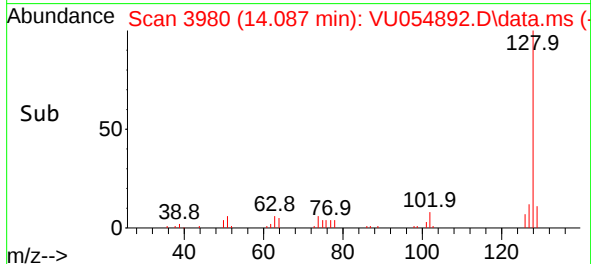
Instrument :
MSVOA_U
ClientSampleId :
VU0727WBS01



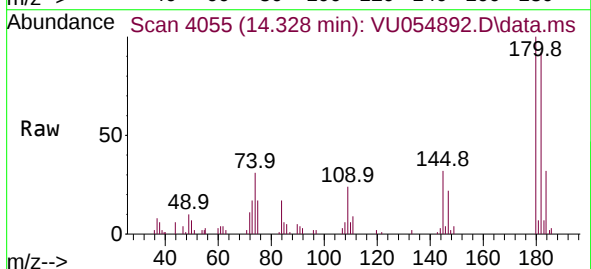
Tgt Ion:128 Resp: 2885
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.972 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054892.D
Acq: 27 Jul 2023 11:44



Tgt Ion:180 Resp: 16180
Ion Ratio Lower Upper
180 100
182 93.0 76.0 114.0
145 29.7 24.3 36.5

