

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044954.D
 Acq On : 28 Sep 2021 20:15
 Operator : SY/MD
 Sample : M3829-22MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW202D-20210918MS

Quant Time: Sep 29 05:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	153436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	281750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	273909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	136393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126110	49.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.740%		
35) Dibromofluoromethane	5.295	113	88351	49.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.420%		
50) Toluene-d8	7.902	98	348101	49.568	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	10.636	95	131119	45.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91381	48.094	ug/l	98
3) Chloromethane	1.523	50	112281	45.622	ug/l	100
4) Vinyl Chloride	1.607	62	124611	50.708	ug/l	99
5) Bromomethane	1.851	94	82994	86.099	ug/l	100
6) Chloroethane	1.935	64	80734	42.766	ug/l	99
7) Trichlorofluoromethane	2.141	101	164672	50.743	ug/l	99
8) Diethyl Ether	2.379	74	73048	49.116	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	87999	47.680	ug/l	99
10) Methyl Iodide	2.726	142	84445	42.868	ug/l	98
11) Tert butyl alcohol	3.179	59	118984	162.314	ug/l	100
12) 1,1-Dichloroethene	2.584	96	91497	50.296	ug/l	92
13) Acrolein	2.488	56	32531	227.883	ug/l	100
14) Allyl chloride	2.928	41	161663	48.019	ug/l	95
15) Acrylonitrile	3.317	53	337581	228.344	ug/l	99
16) Acetone	2.626	43	279482	184.345	ug/l	99
17) Carbon Disulfide	2.797	76	258031	48.049	ug/l	99
18) Methyl Acetate	2.951	43	196439	44.332	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	346392	49.326	ug/l	98
20) Methylene Chloride	3.051	84	108841	47.663	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	95979	48.230	ug/l	97
22) Diisopropyl ether	3.999	45	328406	47.780	ug/l	96
23) Vinyl Acetate	3.961	43	1331535	238.193	ug/l	97
24) 1,1-Dichloroethane	3.877	63	198026	50.187	ug/l	99
25) 2-Butanone	4.703	43	454230	210.877	ug/l	98
26) 2,2-Dichloropropane	4.671	77	150091	44.992	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	129499	55.097	ug/l	96
28) Bromochloromethane	4.980	49	84896	51.911	ug/l	92
29) Tetrahydrofuran	5.054	42	293819	229.147	ug/l	95
30) Chloroform	5.096	83	195131	49.066	ug/l	99
31) Cyclohexane	5.391	56	178631	46.042	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	161915	49.344	ug/l	100
36) 1,1-Dichloropropene	5.530	75	144349	48.991	ug/l	99
37) Ethyl Acetate	4.806	43	172171	44.163	ug/l	98
38) Carbon Tetrachloride	5.530	117	127371	49.957	ug/l	99
39) Methylcyclohexane	6.767	83	174136	48.142	ug/l	96
40) Benzene	5.780	78	424604	48.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	95432	47.550	ug/l	97
42) 1,2-Dichloroethane	5.800	62	170058	49.304	ug/l	100
43) Isopropyl Acetate	5.915	43	268347	45.753	ug/l	99
44) Trichloroethene	6.546	130	168165	81.277	ug/l	97
45) 1,2-Dichloropropane	6.796	63	112352	48.290	ug/l	97
46) Dibromomethane	6.922	93	76760	48.975	ug/l	99
47) Bromodichloromethane	7.112	83	150387	49.418	ug/l	99
48) Methyl methacrylate	6.964	41	130532	45.723	ug/l	94
49) 1,4-Dioxane	6.967	88	37842	500.554	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	912279	213.657	ug/l	98
52) Toluene	7.973	92	269645	49.095	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	171365	49.243	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	180037	49.667	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	108205	47.283	ug/l	98
56) Ethyl methacrylate	8.337	69	184914	41.920	ug/l	99
57) 1,3-Dichloropropane	8.581	76	193822	47.457	ug/l	100
59) 2-Hexanone	8.687	43	712304	204.858	ug/l	97
60) Dibromochloromethane	8.812	129	106390	44.113	ug/l	99
61) 1,2-Dibromoethane	8.928	107	117183	48.172	ug/l	100
64) Tetrachloroethene	8.555	164	108903	60.917	ug/l	99
65) Chlorobenzene	9.449	112	273082	47.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94232	47.000	ug/l	100
67) Ethyl Benzene	9.574	91	517001	48.924	ug/l	99
68) m/p-Xylenes	9.697	106	400315	97.507	ug/l	100
69) o-Xylene	10.105	106	194364	47.701	ug/l	99
70) Styrene	10.118	104	327366	47.891	ug/l	99
71) Bromoform	10.295	173	77489	40.530	ug/l #	99
73) Isopropylbenzene	10.488	105	505110	49.730	ug/l	100
74) N-amyl acetate	10.324	43	226886	44.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	190756	43.405	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	169439m	42.590	ug/l	
77) Bromobenzene	10.787	156	115312	47.015	ug/l	100
78) n-propylbenzene	10.909	91	622684	50.307	ug/l	99
79) 2-Chlorotoluene	10.989	91	363384	46.836	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	434899	48.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	59665	41.621	ug/l	99
82) 4-Chlorotoluene	11.099	91	421963	48.116	ug/l	100
83) tert-Butylbenzene	11.423	119	409584	47.325	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	428623	48.691	ug/l	100
85) sec-Butylbenzene	11.648	105	551985	49.525	ug/l	100
86) p-Isopropyltoluene	11.796	119	448263	49.998	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	220761	47.002	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	224837	46.794	ug/l	99
89) n-Butylbenzene	12.211	91	420483	50.920	ug/l	99
90) Hexachloroethane	12.478	117	75037	46.348	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	221452	46.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	48068	46.355	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	136878	51.156	ug/l	99
94) Hexachlorobutadiene	14.024	225	52240	46.770	ug/l	99
95) Naphthalene	14.089	128	518975	51.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	136629	50.844	ug/l	99

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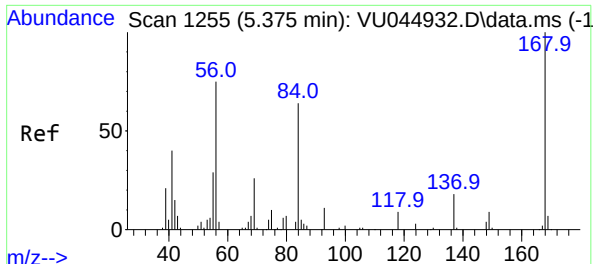
Manual Integrations
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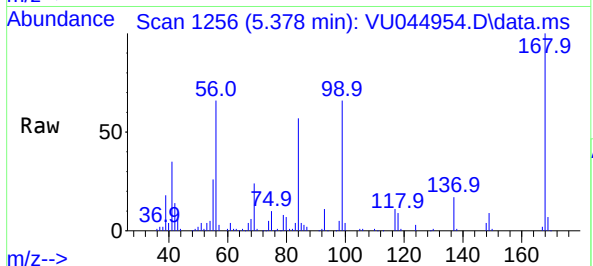
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044954.D
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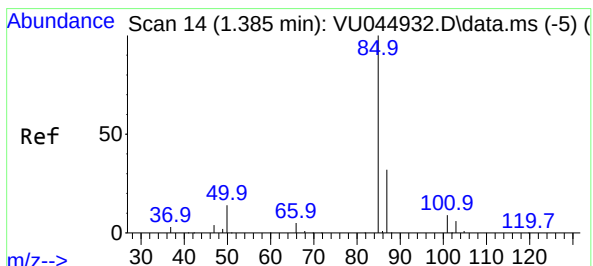
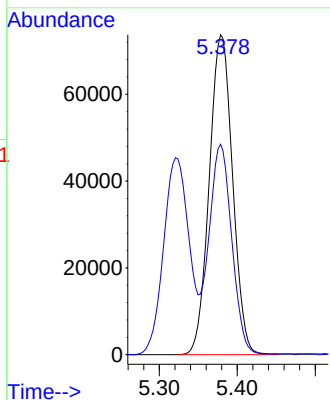
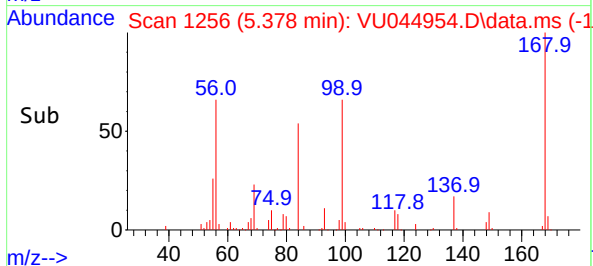
Instrument :
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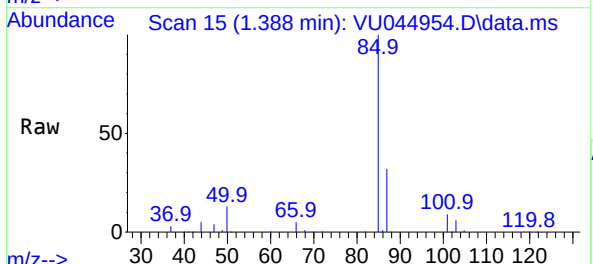
Tgt Ion:168 Resp: 153430
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0

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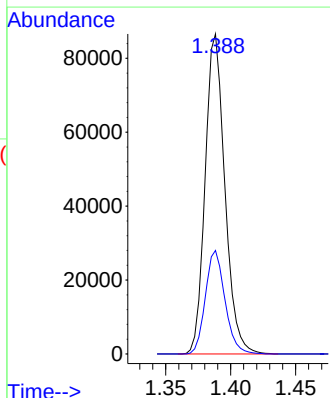
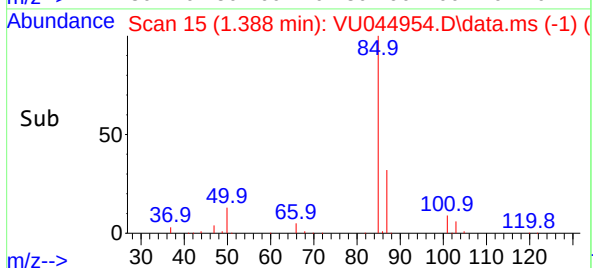
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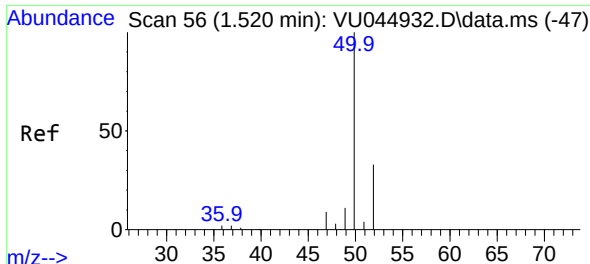


#2
Dichlorodifluoromethane
Concen: 48.094 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



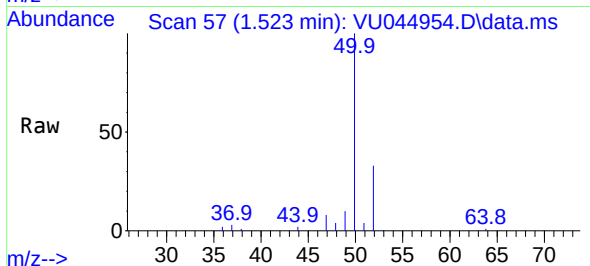
Tgt Ion: 85 Resp: 91381
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 45.622 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

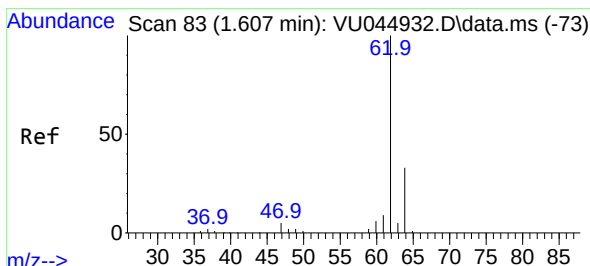
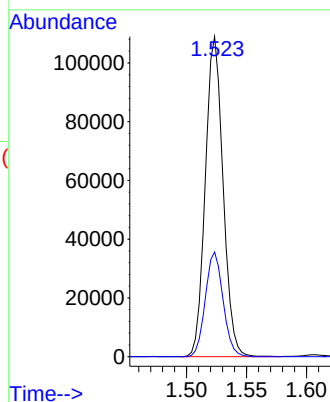
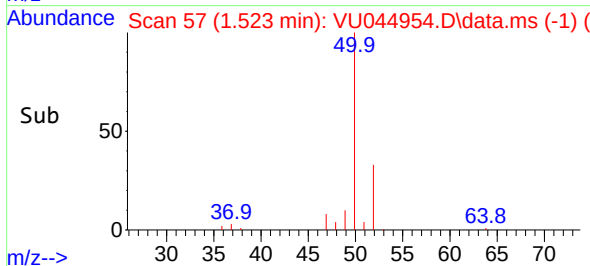
Instrument :
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Tgt Ion: 50 Resp: 11228
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

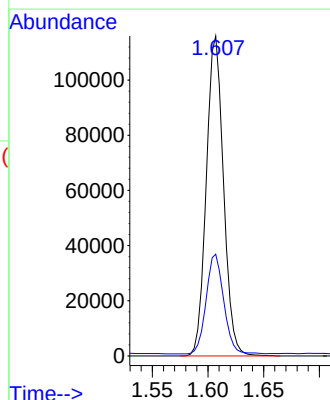
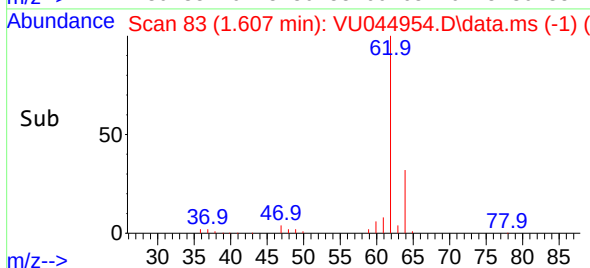
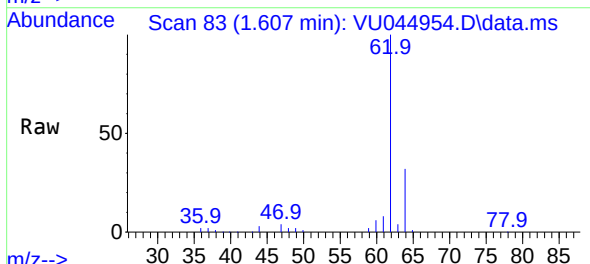
Manual Integrations
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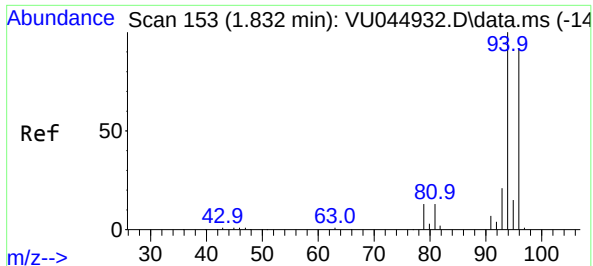
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#4
Vinyl Chloride
Concen: 50.708 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

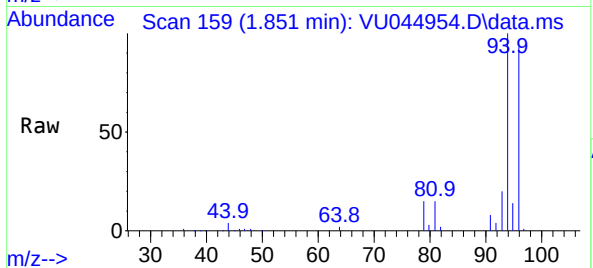
Tgt Ion: 62 Resp: 124611
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4





#5
Bromomethane
Concen: 86.099 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

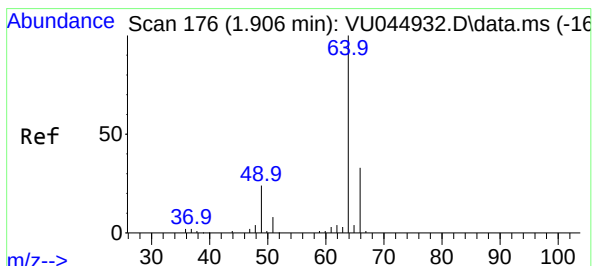
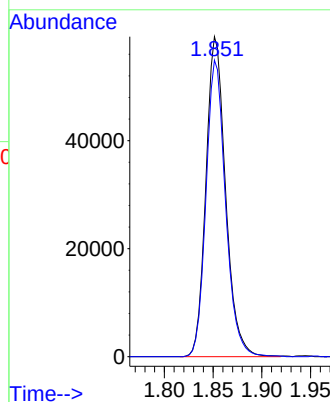
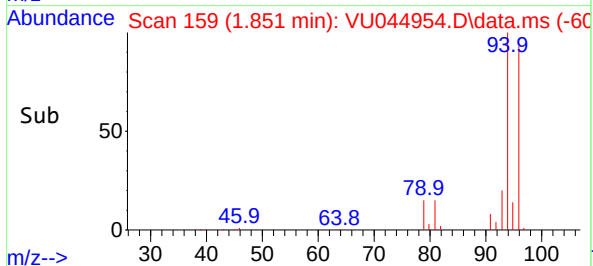
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Tgt Ion: 94 Resp: 82994
Ion Ratio Lower Upper
94 100
96 92.6 74.5 111.7

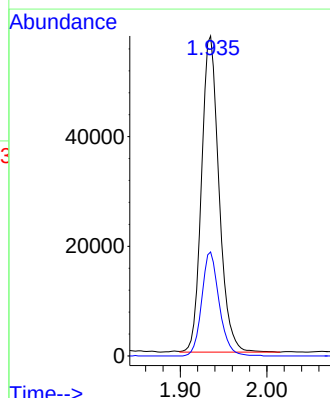
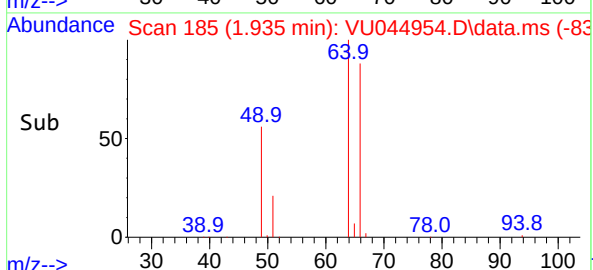
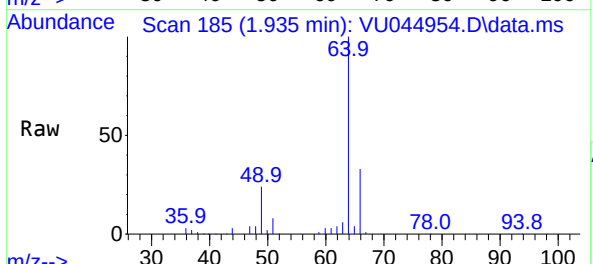
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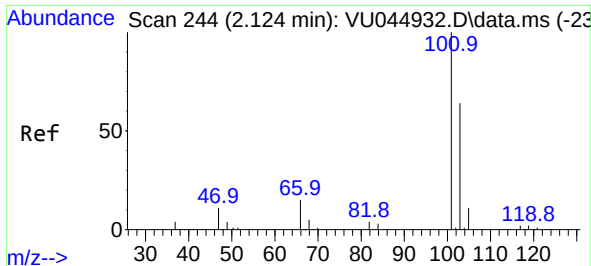
Reviewed By :John Carlone 09/29/2021
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#6
Chloroethane
Concen: 42.766 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

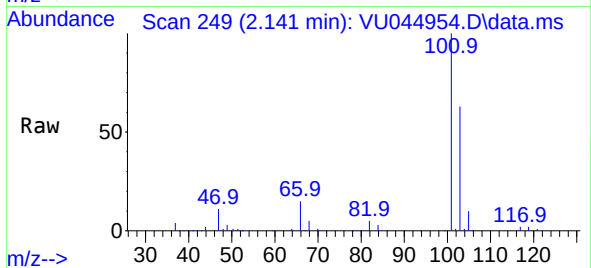
Tgt Ion: 64 Resp: 80734
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8





#7
Trichlorofluoromethane
Concen: 50.743 ug/l
RT: 2.141 min Scan# 244
Delta R.T. 0.017 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

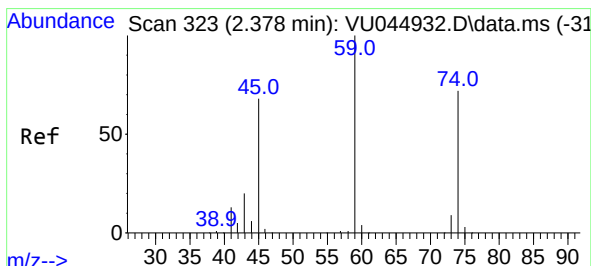
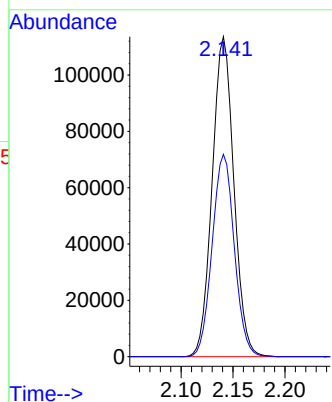
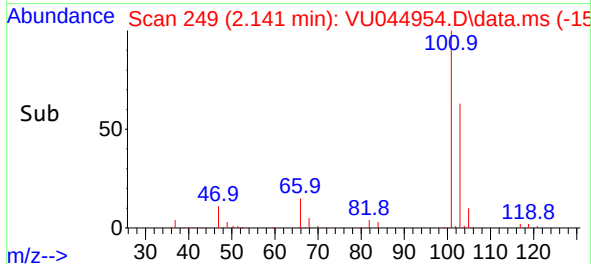
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Tgt Ion:101 Resp: 164672
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8

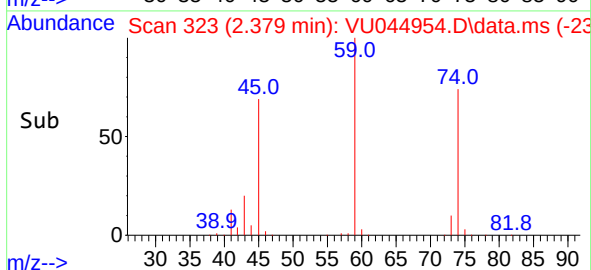
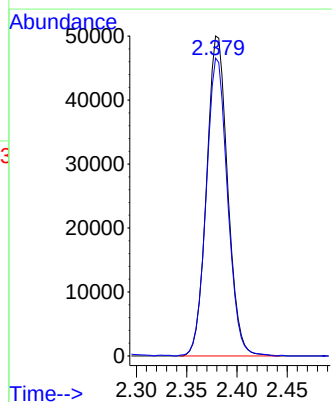
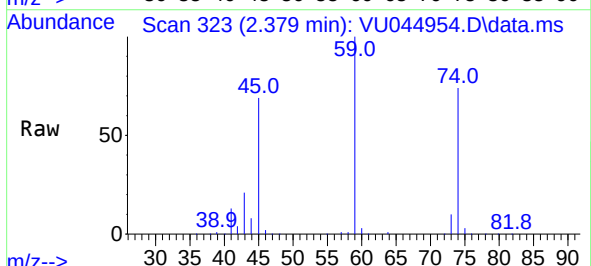
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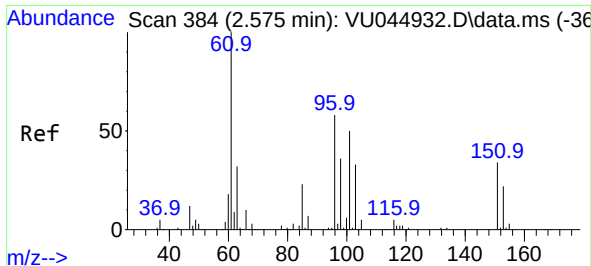
Reviewed By :John Carlone 09/29/2021
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#8
Diethyl Ether
Concen: 49.116 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.001 min
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Acq: 28 Sep 2021 20:15

Tgt Ion: 74 Resp: 73048
Ion Ratio Lower Upper
74 100
45 94.1 52.2 156.6





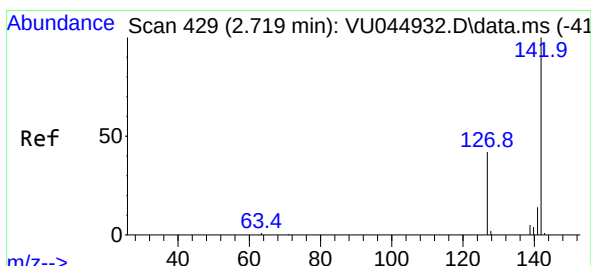
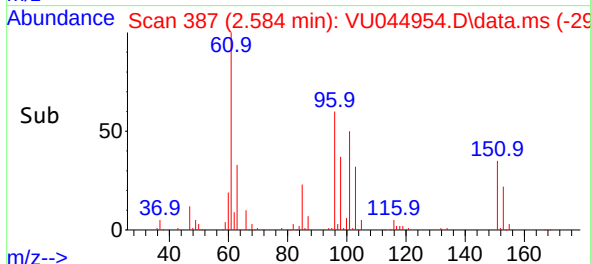
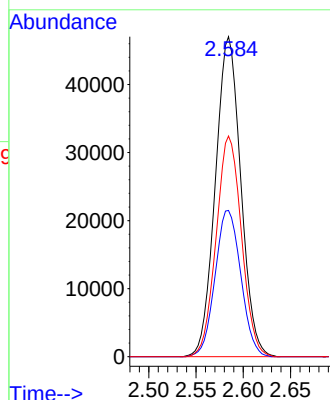
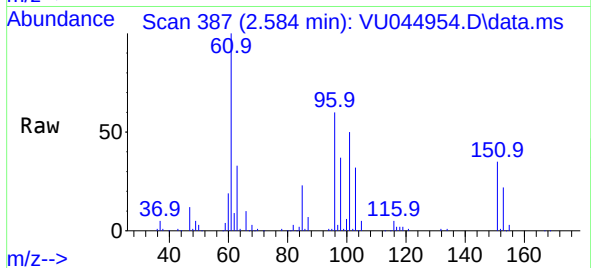
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.680 ug/l
RT: 2.584 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
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Tgt Ion:101 Resp: 87999
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 68.7 55.8 83.8

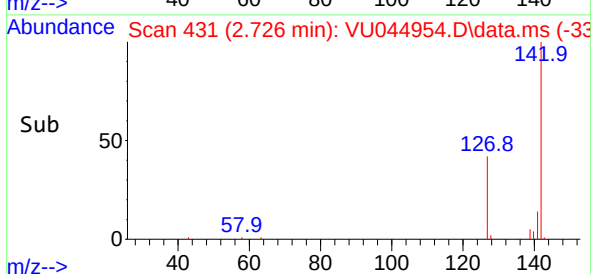
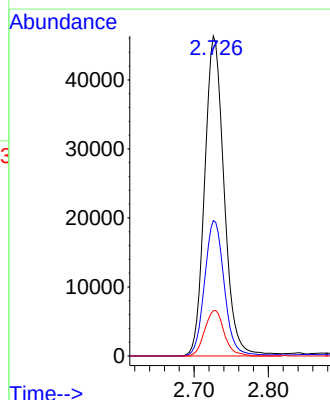
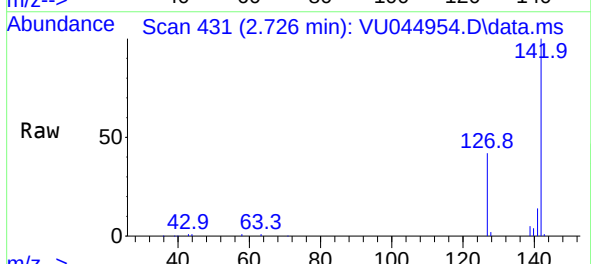
Manual Integrations
APPROVED

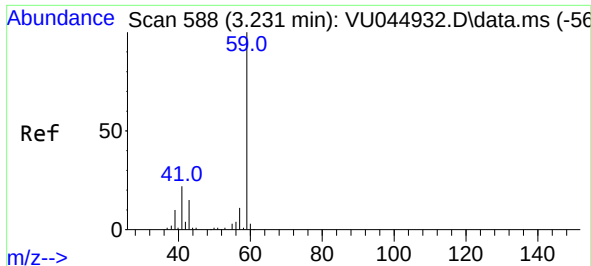
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 42.868 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

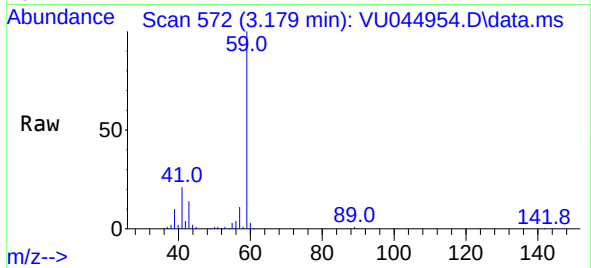
Tgt Ion:142 Resp: 84445
Ion Ratio Lower Upper
142 100
127 42.7 35.6 53.4
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 162.314 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

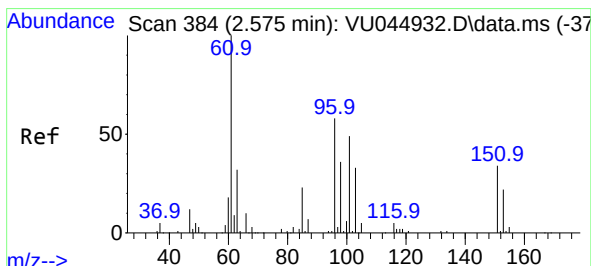
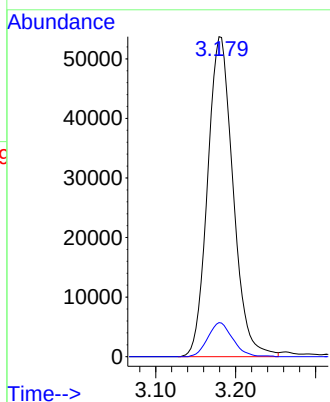
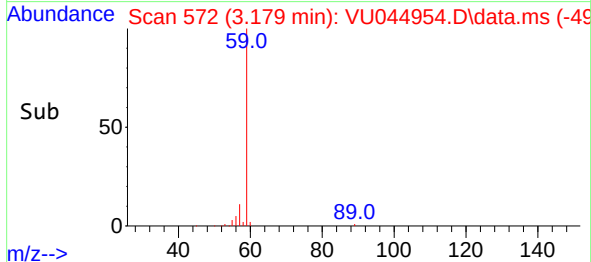
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



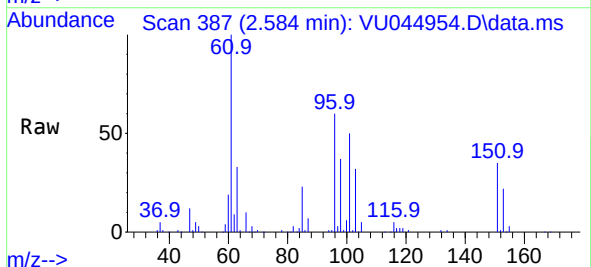
Tgt Ion: 59 Resp: 118984
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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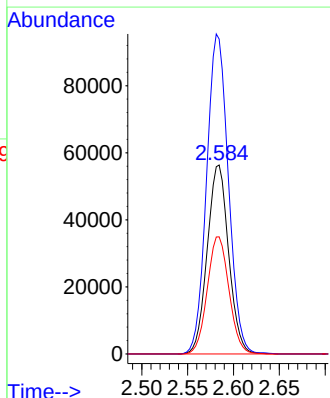
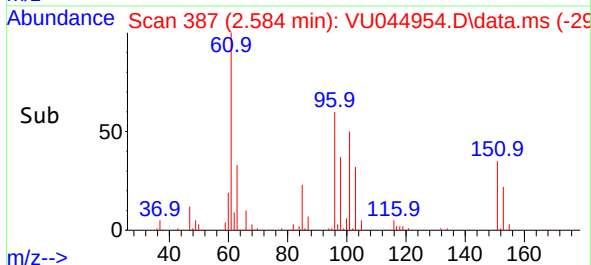
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

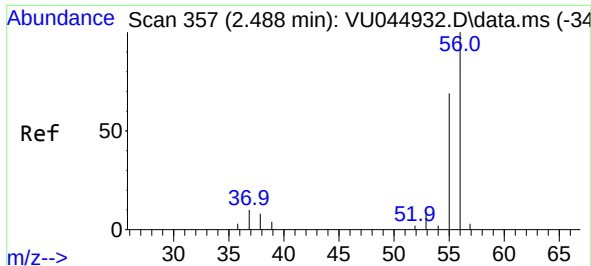


#12
1,1-Dichloroethene
Concen: 50.296 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



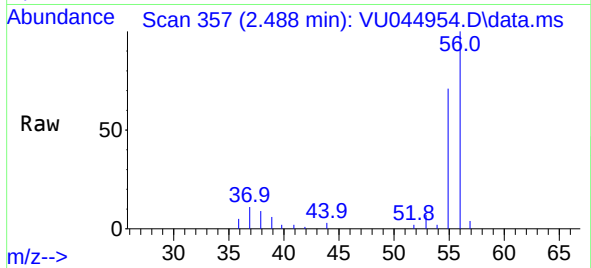
Tgt Ion: 96 Resp: 91497
Ion Ratio Lower Upper
96 100
61 166.6 145.4 218.0
98 61.9 50.9 76.3





#13
Acrolein
Concen: 227.883 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

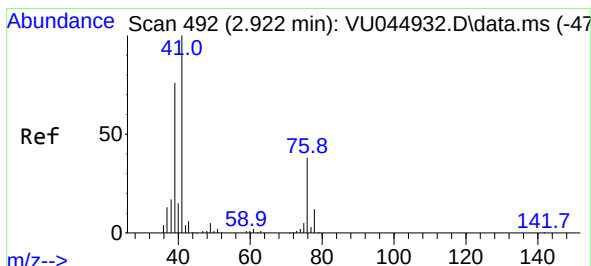
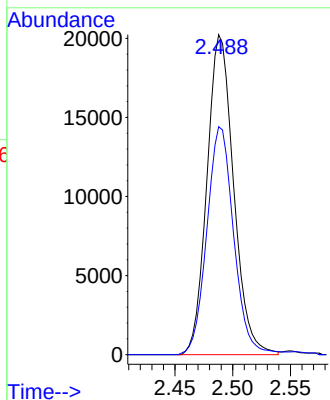
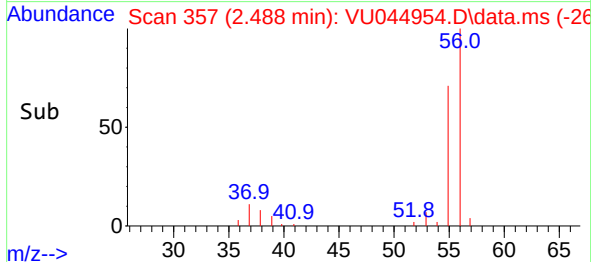
Instrument : MSVOA_U
ClientSampleId : MW202D-20210918MS



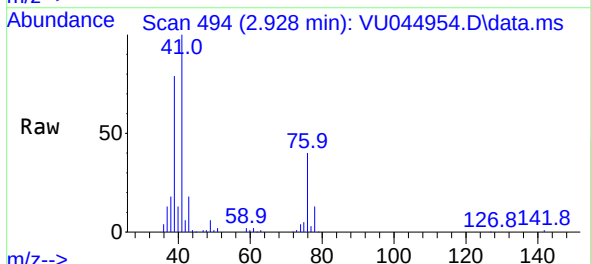
Tgt Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
55 71.7 57.4 86.0

Manual Integrations
APPROVED

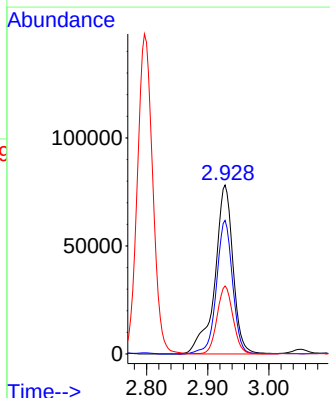
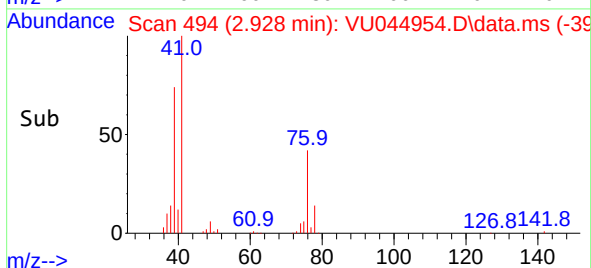
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

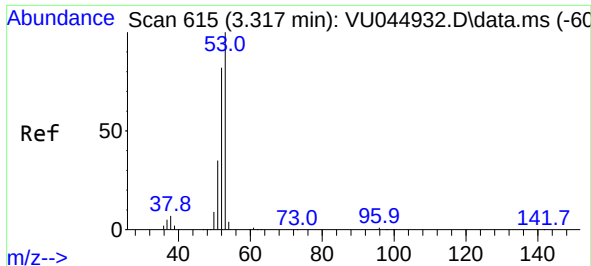


#14
Allyl chloride
Concen: 48.019 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



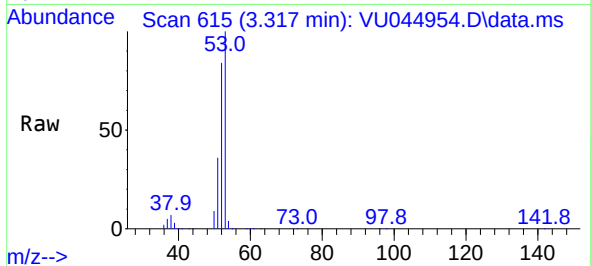
Tgt Ion: 41 Resp: 161663
Ion Ratio Lower Upper
41 100
39 70.2 53.0 79.6
76 34.8 25.7 38.5





#15
Acrylonitrile
Concen: 228.344 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

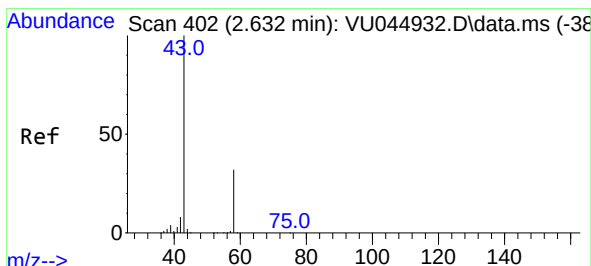
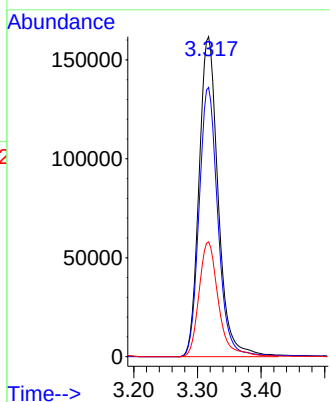
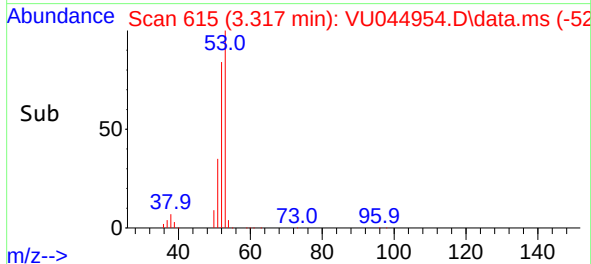
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



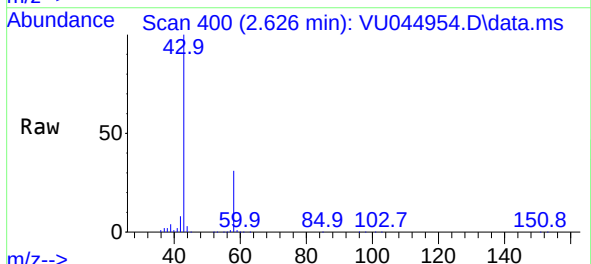
Tgt Ion: 53 Resp: 33758
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.7 28.6 42.8

Manual Integrations
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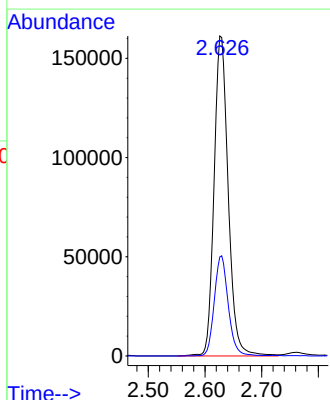
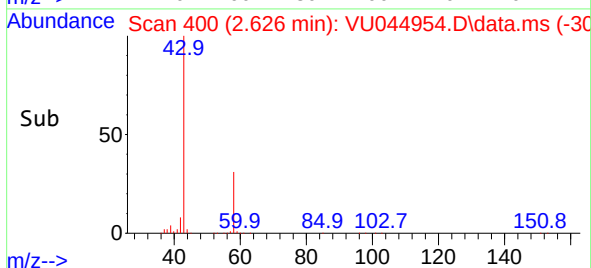
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

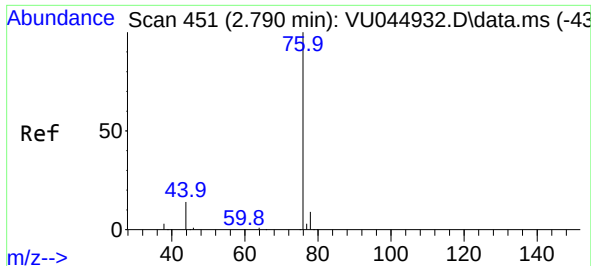


#16
Acetone
Concen: 184.345 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion: 43 Resp: 279482
Ion Ratio Lower Upper
43 100
58 30.9 25.2 37.8





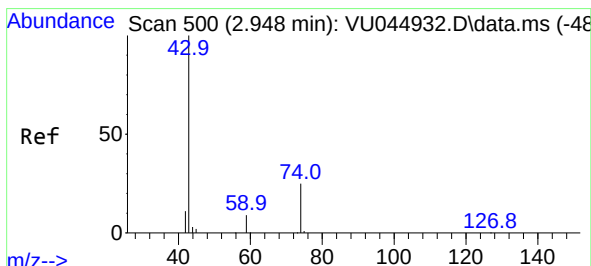
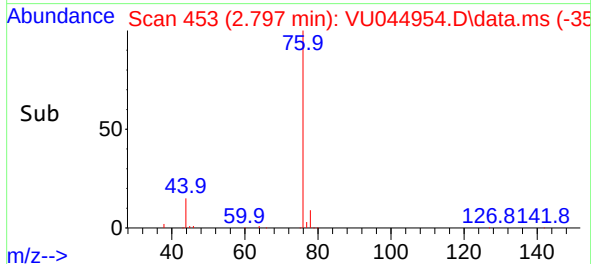
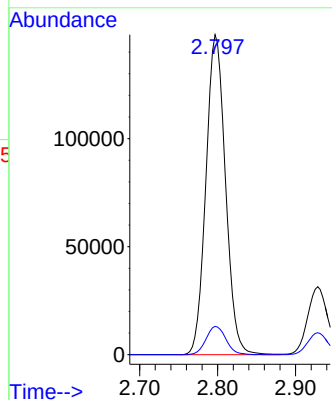
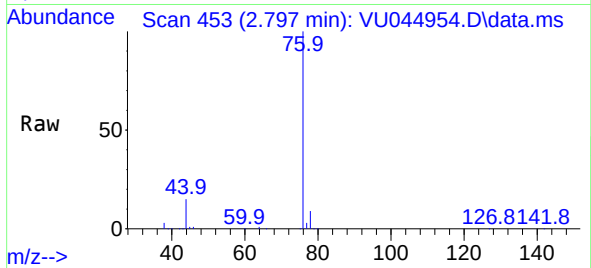
#17
Carbon Disulfide
Concen: 48.049 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 76 Resp: 25803
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

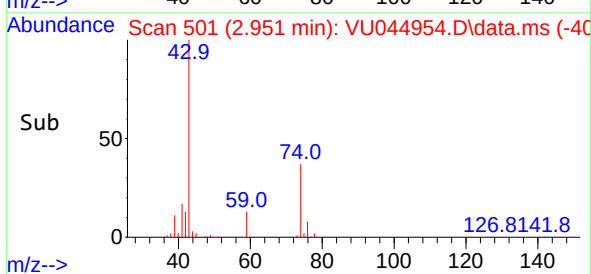
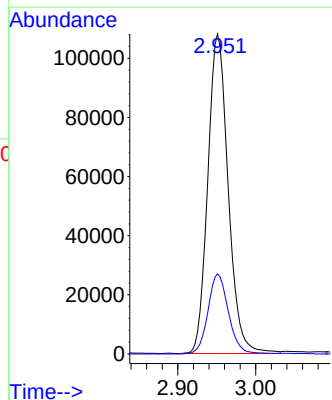
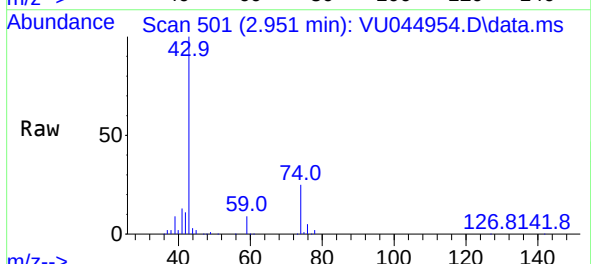
Manual Integrations
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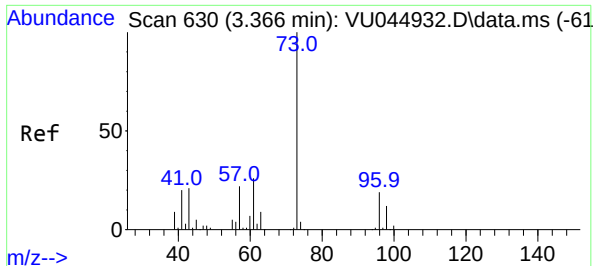
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 44.332 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

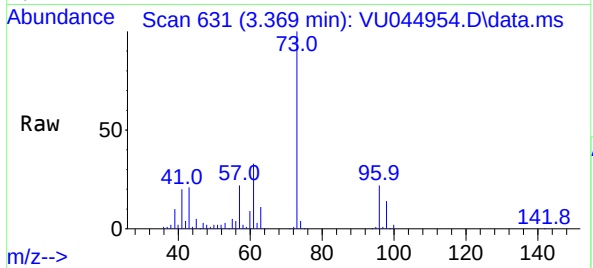
Tgt Ion: 43 Resp: 196439
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 49.326 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

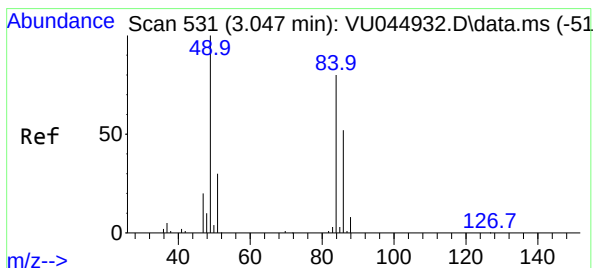
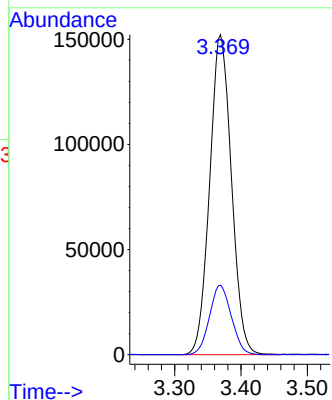
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion: 73 Resp: 346392
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.2

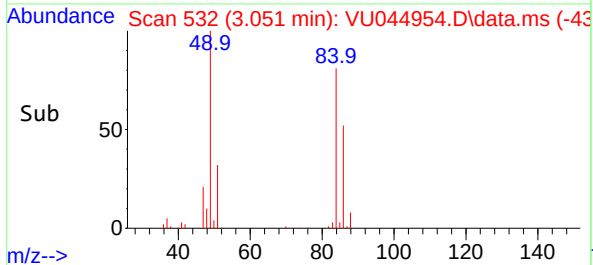
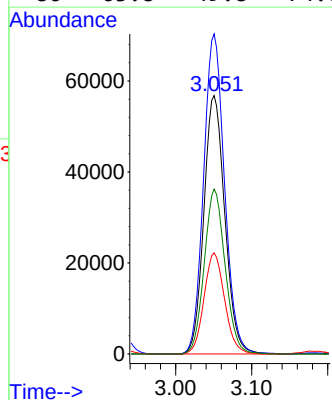
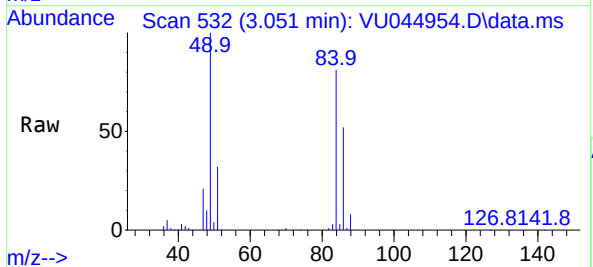
Manual Integrations
APPROVED

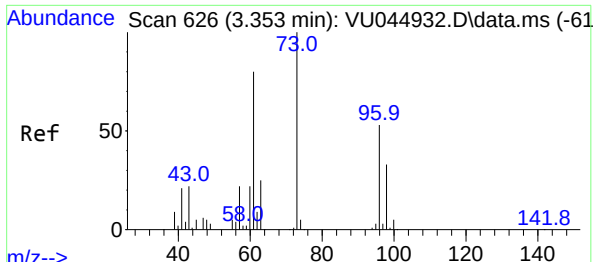
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 47.663 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

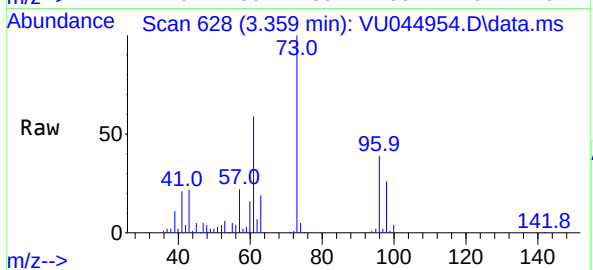
Tgt Ion: 84 Resp: 108841
Ion Ratio Lower Upper
84 100
49 123.8 104.9 157.3
51 39.1 31.8 47.8
86 63.8 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 48.230 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

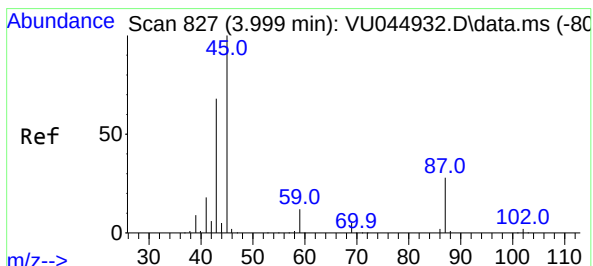
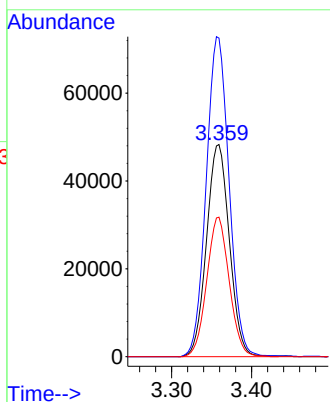
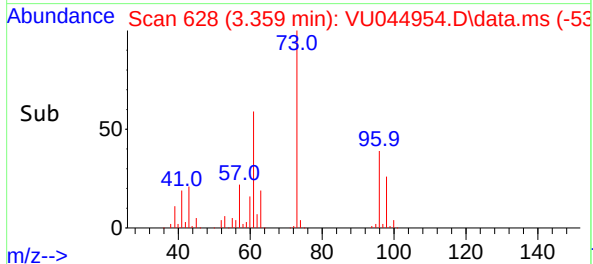
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion: 96 Resp: 95979
Ion Ratio Lower Upper
96 100
61 150.2 123.2 184.8
98 65.8 51.0 76.6

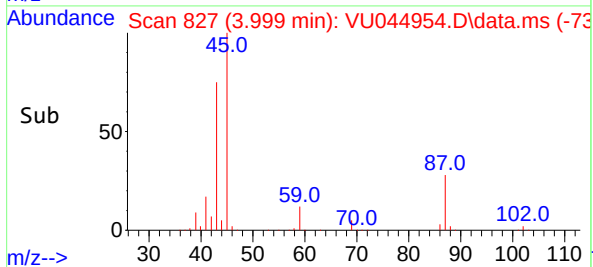
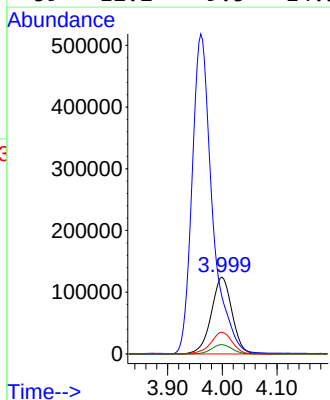
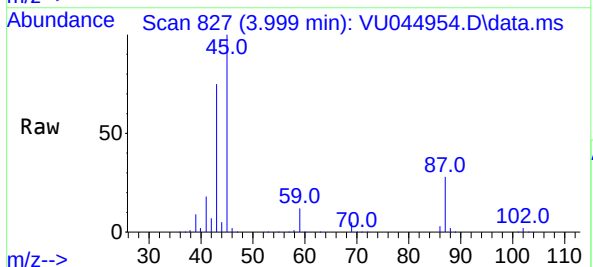
Manual Integrations
APPROVED

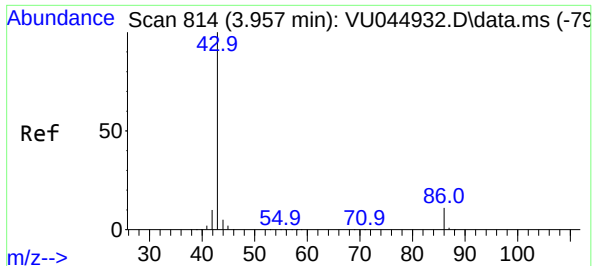
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#22
Diisopropyl ether
Concen: 47.780 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 45 Resp: 328406
Ion Ratio Lower Upper
45 100
43 73.8 62.3 93.5
87 28.3 21.0 31.4
59 12.2 9.5 14.3





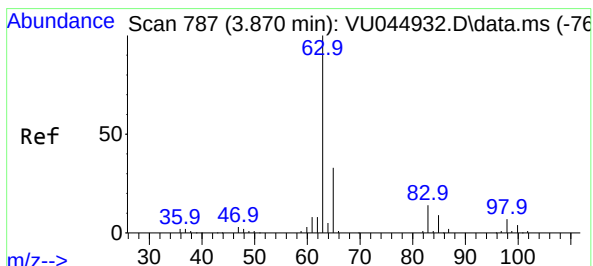
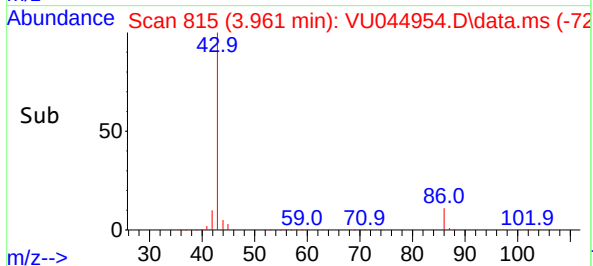
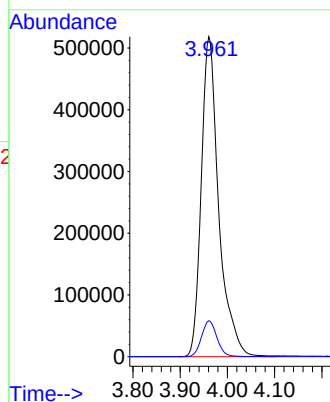
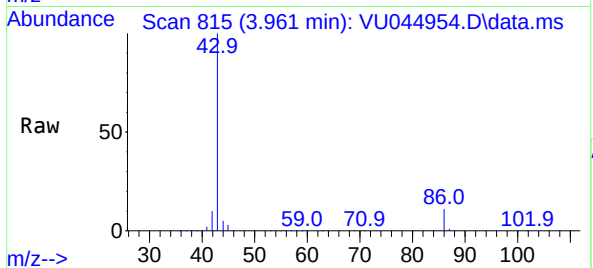
#23
 Vinyl Acetate
 Concen: 238.193 ug/l
 RT: 3.961 min Scan# 814
 Delta R.T. 0.004 min
 Lab File: VU044954.D
 Acq: 28 Sep 2021 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 MW202D-20210918MS

Tgt Ion: 43 Resp: 133153
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

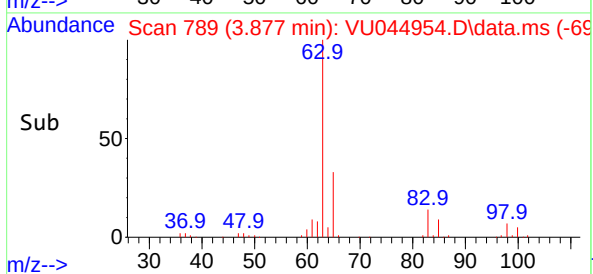
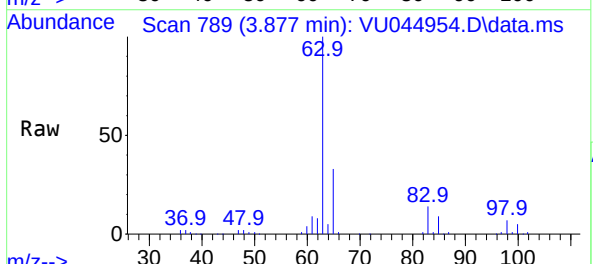
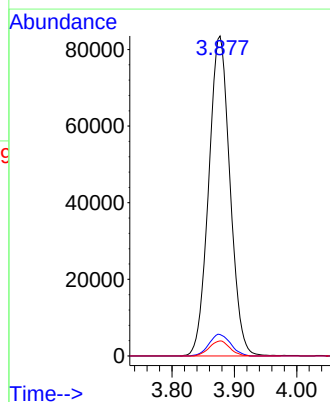
Manual Integrations
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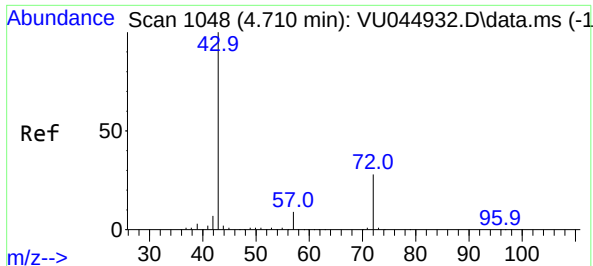
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 50.187 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044954.D
 Acq: 28 Sep 2021 20:15

Tgt Ion: 63 Resp: 198026
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.7 2.1 6.3





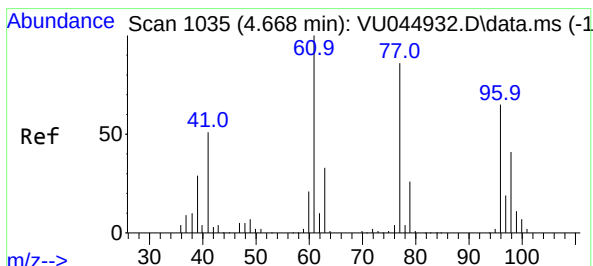
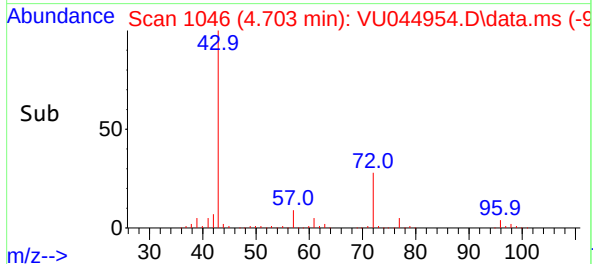
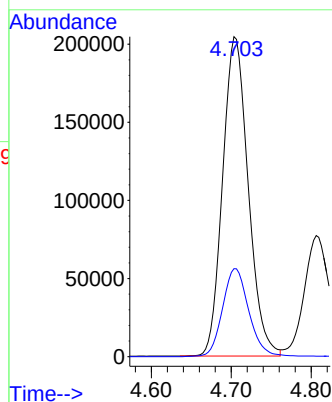
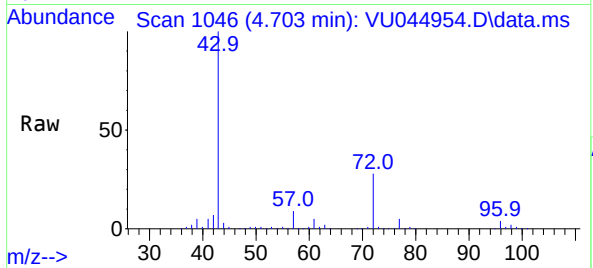
#25
2-Butanone
Concen: 210.877 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 43 Resp: 454230
Ion Ratio Lower Upper
43 100
72 27.6 21.3 31.9

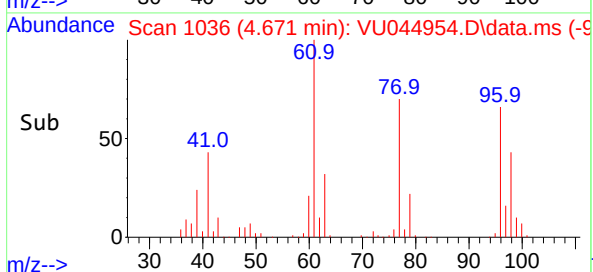
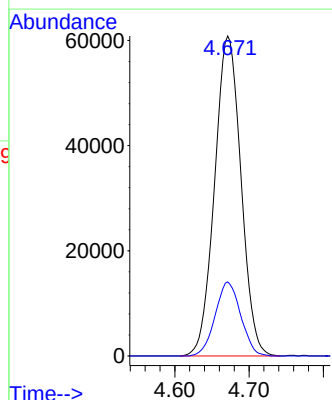
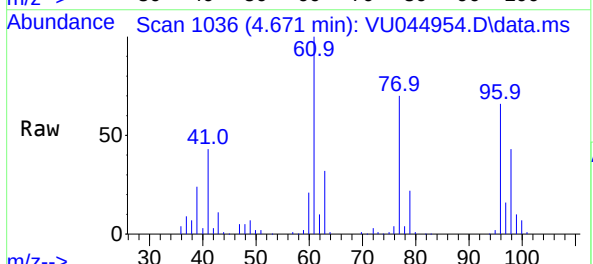
Manual Integrations
APPROVED

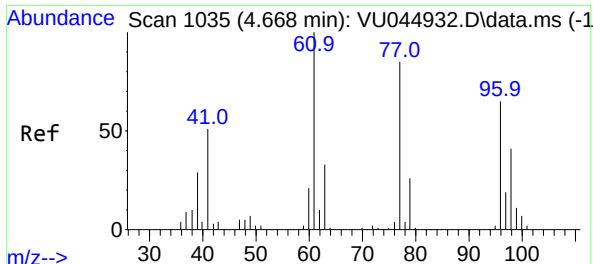
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 44.992 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 77 Resp: 150091
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.4





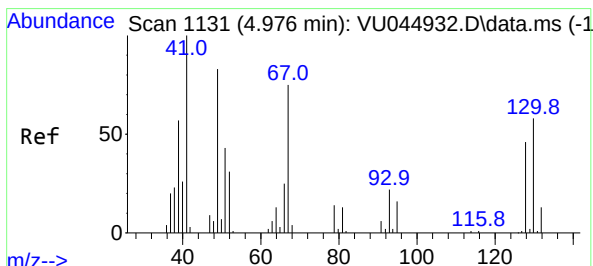
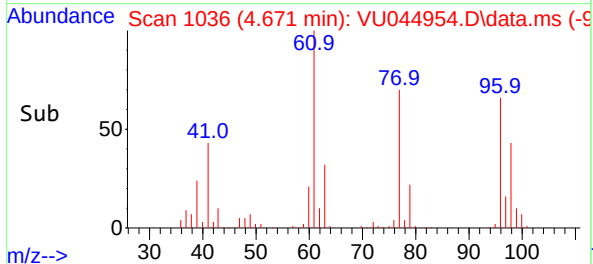
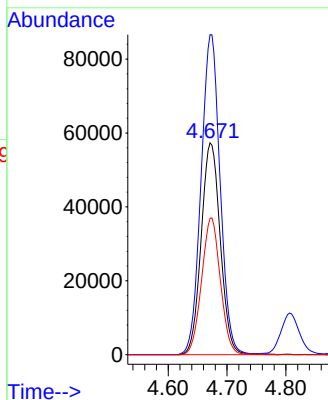
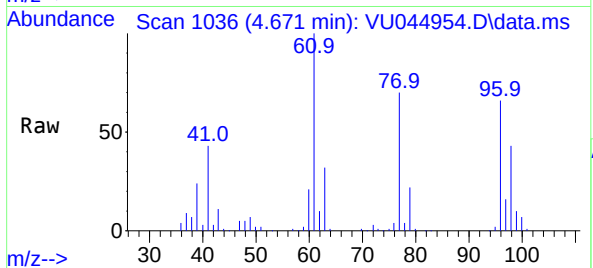
cis-1,2-Dichloroethene
Concen: 55.097 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 96 Resp: 129499
Ion Ratio Lower Upper
96 100
61 150.3 0.0 313.4
98 63.4 0.0 127.0

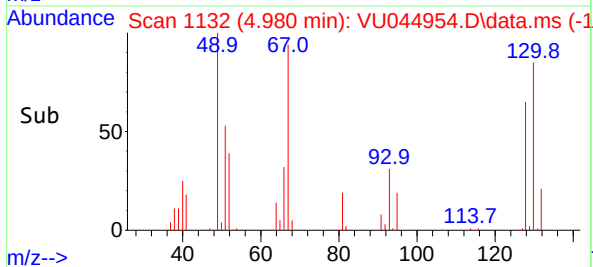
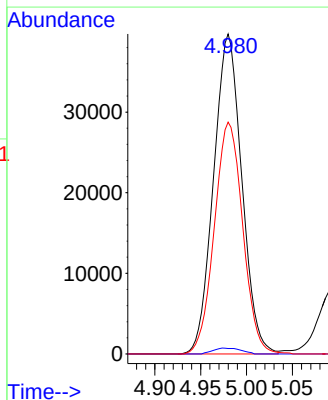
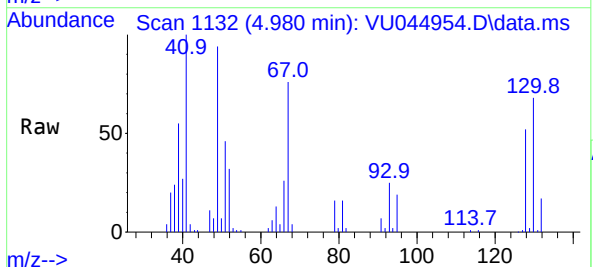
Manual Integrations
APPROVED

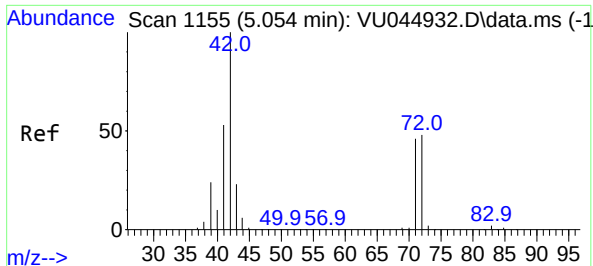
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



Bromochloromethane
Concen: 51.911 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

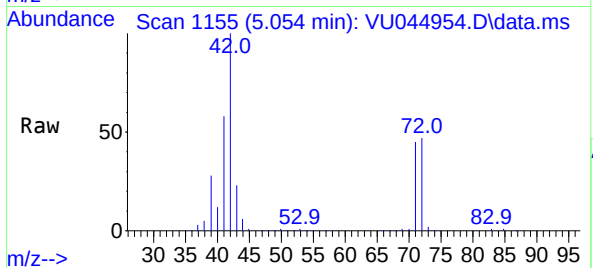
Tgt Ion: 49 Resp: 84896
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 73.0 53.4 80.2





#29
Tetrahydrofuran
Concen: 229.147 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

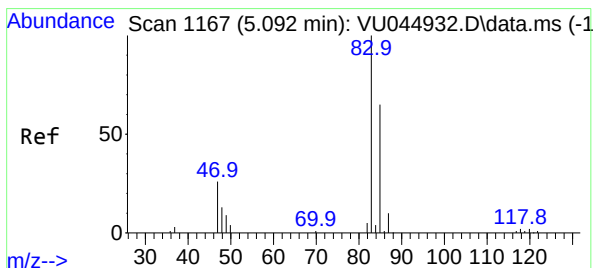
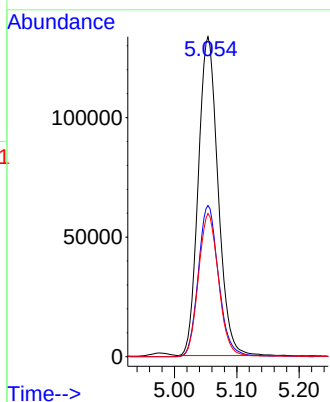
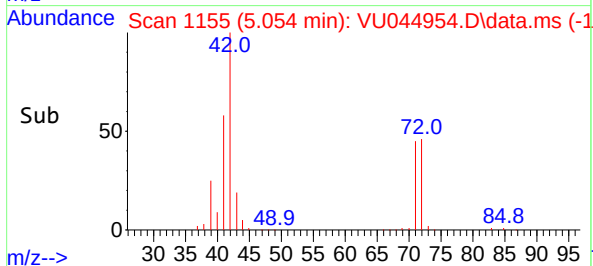
Instrument : MSVOA_U
ClientSampleId : MW202D-20210918MS



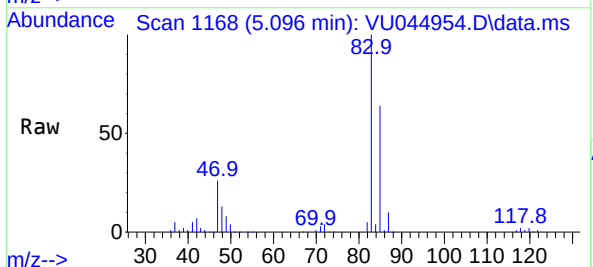
Tgt Ion: 42 Resp: 293819
Ion Ratio Lower Upper
42 100
72 48.8 36.2 54.4
71 45.6 34.1 51.1

Manual Integrations
APPROVED

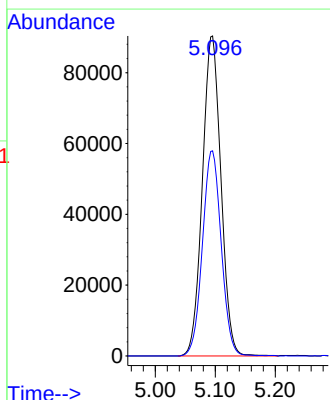
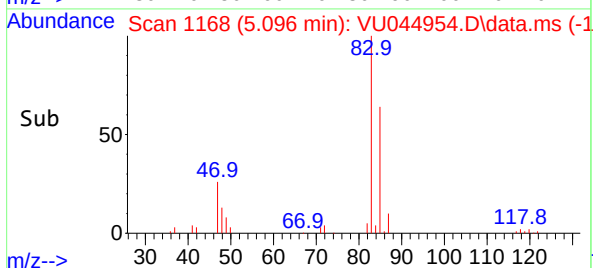
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

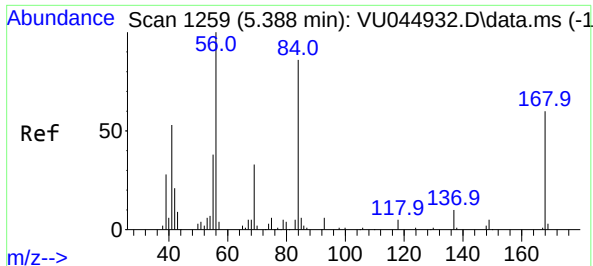


#30
Chloroform
Concen: 49.066 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



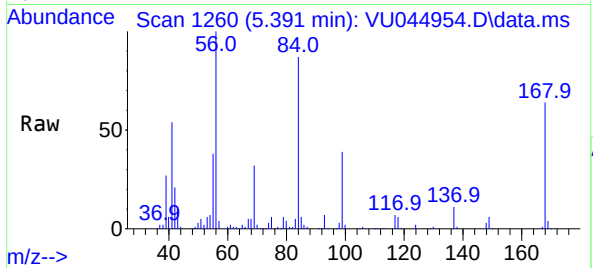
Tgt Ion: 83 Resp: 195131
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1





#31
Cyclohexane
Concen: 46.042 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

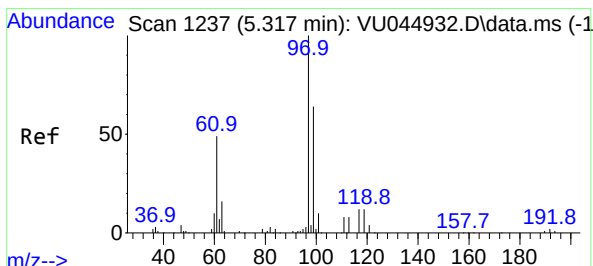
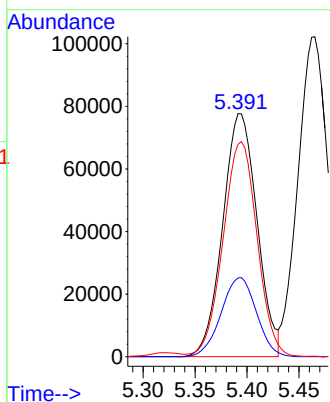
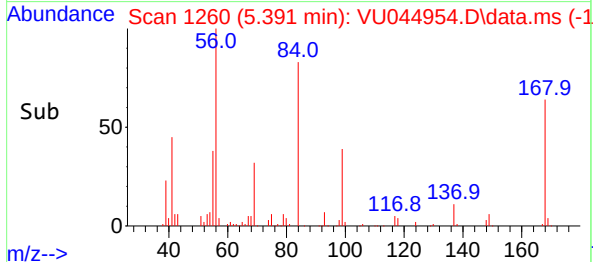
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



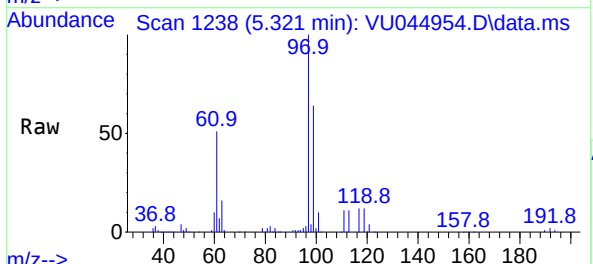
Tgt Ion: 56 Resp: 17863
Ion Ratio Lower Upper
56 100
69 32.4 25.2 37.8
84 86.1 66.4 99.6

Manual Integrations
APPROVED

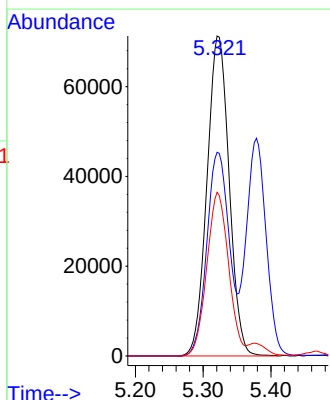
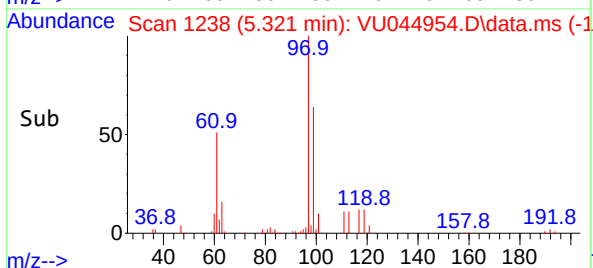
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

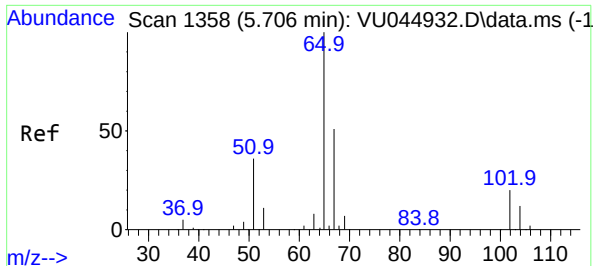


#32
1,1,1-Trichloroethane
Concen: 49.344 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion: 97 Resp: 161915
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 50.5 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 49.375 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044954.D

Acq: 28 Sep 2021 20:15

Instrument :

MSVOA_U

ClientSampleId :

MW202D-20210918MS

Tgt Ion: 65 Resp: 126110

Ion Ratio Lower Upper

65 100

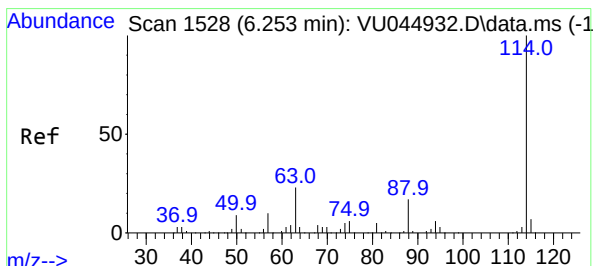
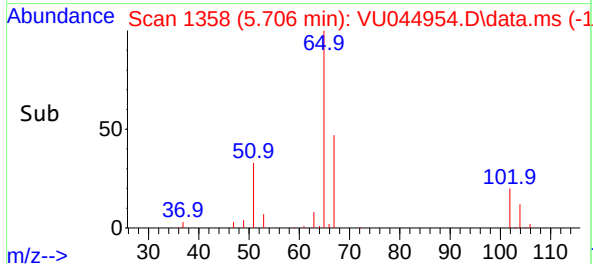
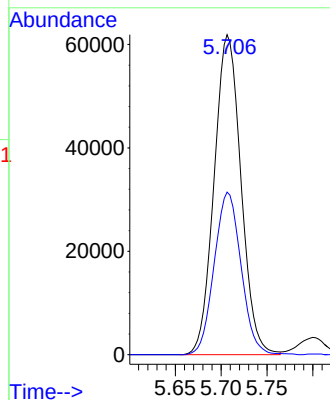
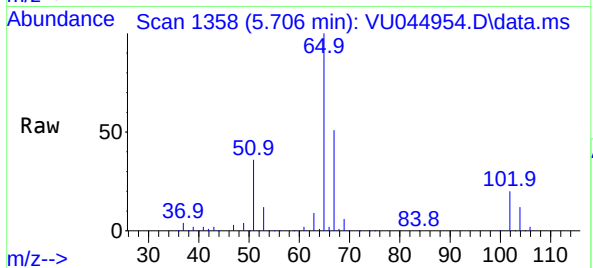
67 50.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044954.D

Acq: 28 Sep 2021 20:15

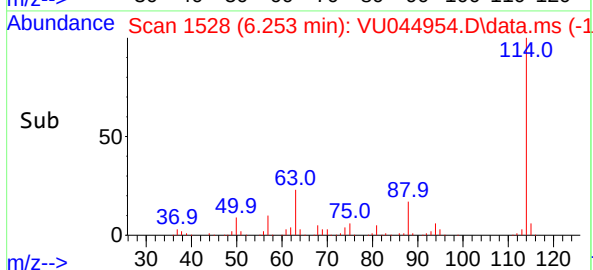
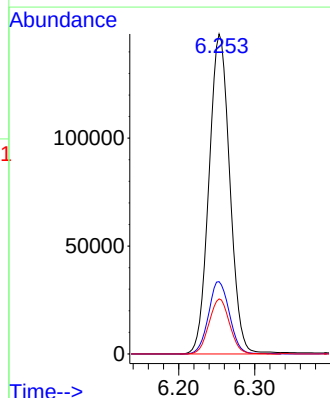
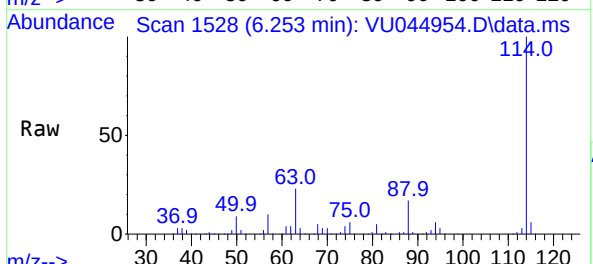
Tgt Ion:114 Resp: 281750

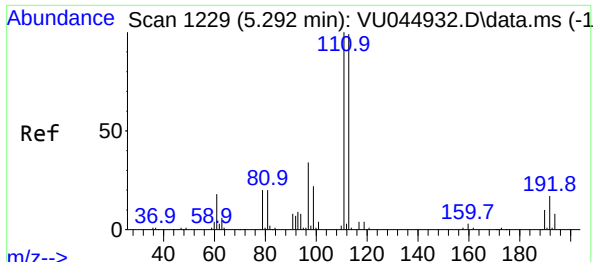
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

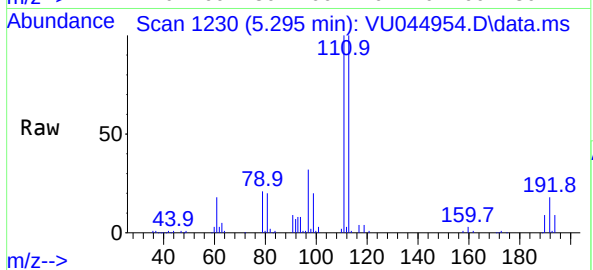
88 17.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.709 ug/l
RT: 5.295 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

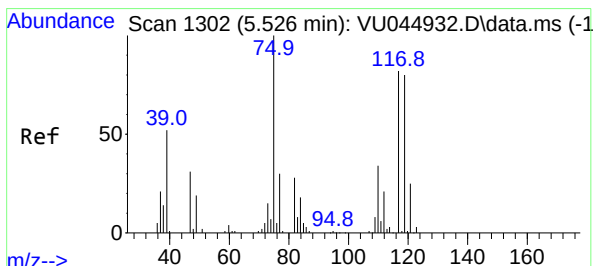
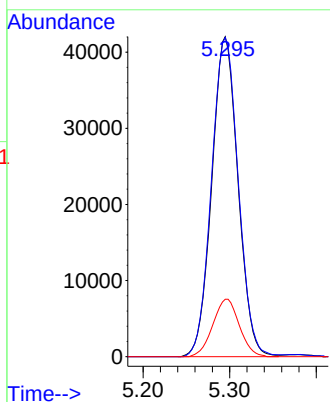
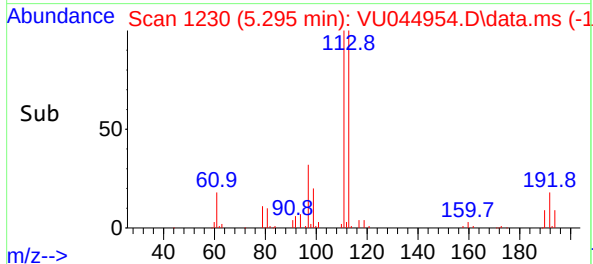
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion: 113 Resp: 8835
Ion Ratio Lower Upper
113 100
111 102.2 84.1 126.1
192 18.2 14.8 22.2

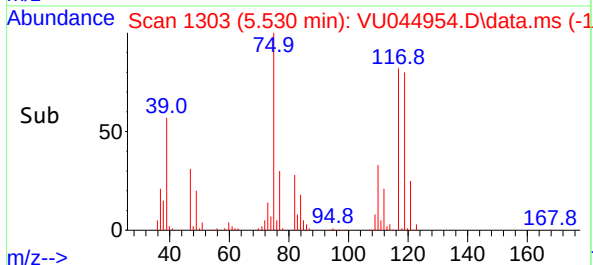
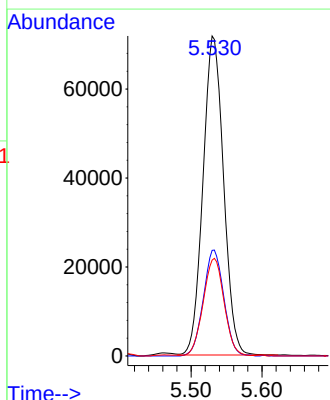
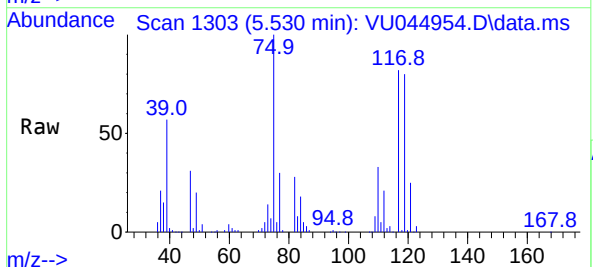
Manual Integrations
APPROVED

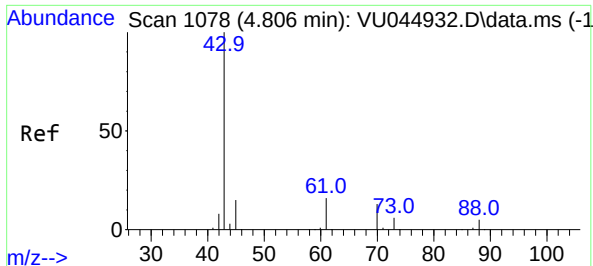
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#36
1,1-Dichloropropene
Concen: 48.991 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

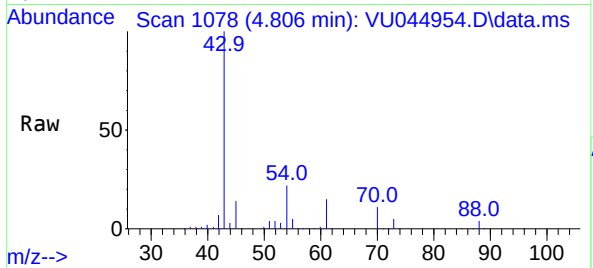
Tgt Ion: 75 Resp: 144349
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 44.163 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

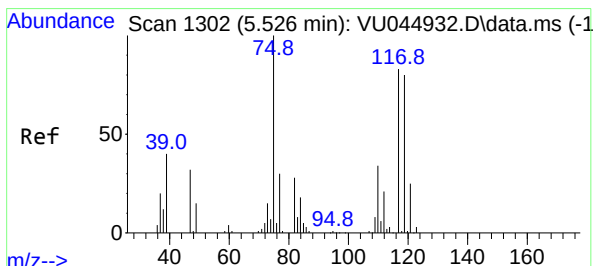
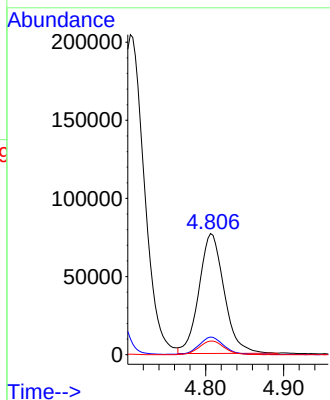
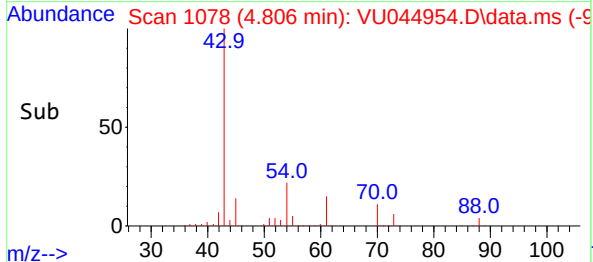
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion: 43 Resp: 17217
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 11.3 8.2 12.4

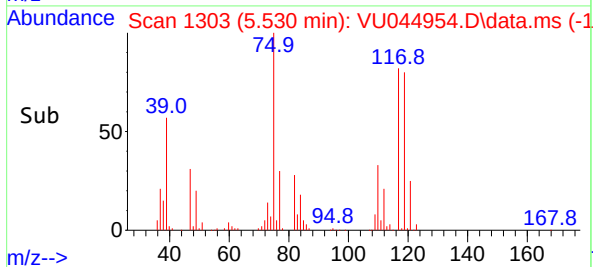
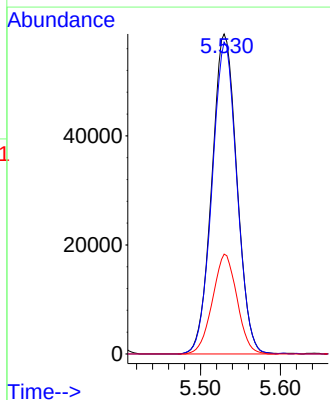
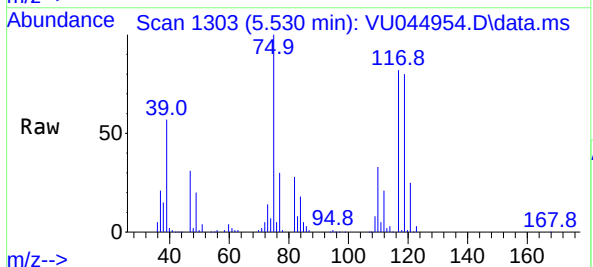
Manual Integrations
APPROVED

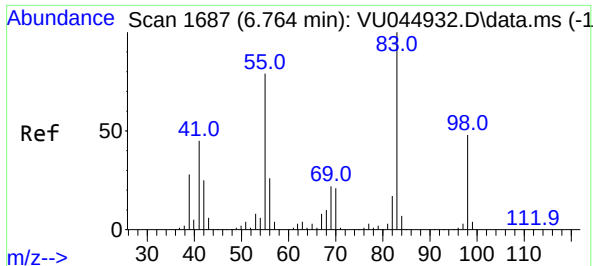
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 49.957 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion:117 Resp: 127371
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.2
121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 48.142 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044954.D

Acq: 28 Sep 2021 20:15

Instrument :

MSVOA_U

ClientSampleId :

MW202D-20210918MS

Tgt Ion: 83 Resp: 174130

Ion Ratio Lower Upper

83 100

55 77.2 66.2 99.4

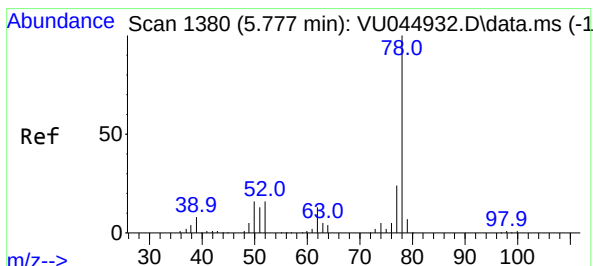
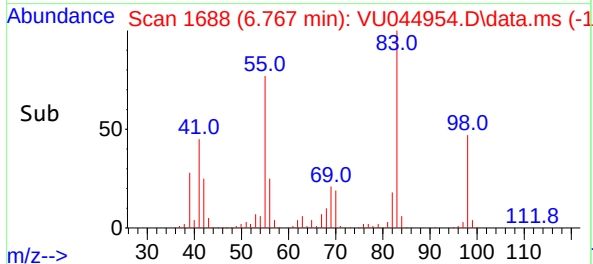
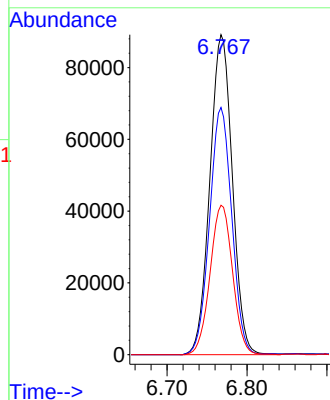
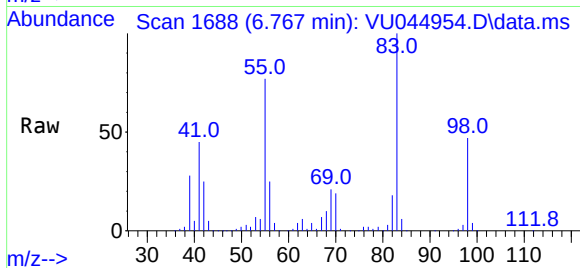
98 46.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 48.385 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044954.D

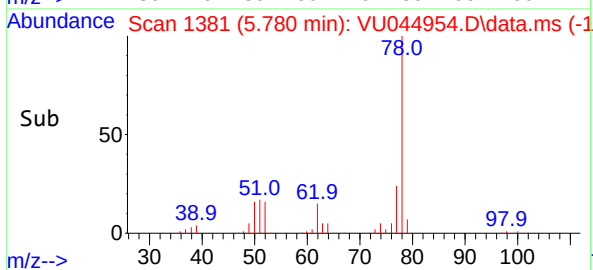
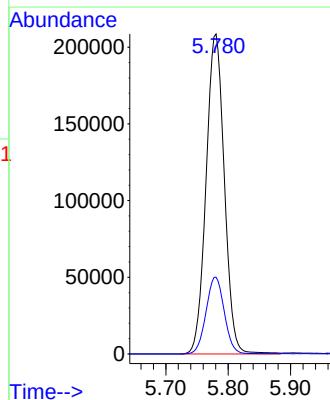
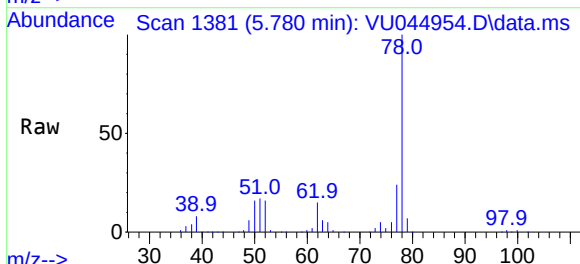
Acq: 28 Sep 2021 20:15

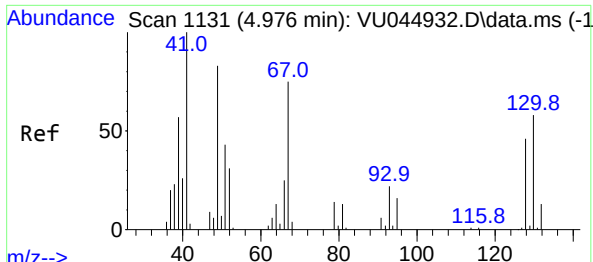
Tgt Ion: 78 Resp: 424604

Ion Ratio Lower Upper

78 100

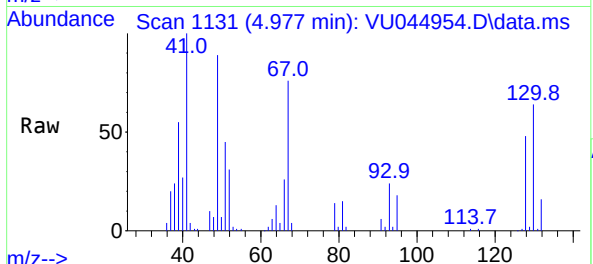
77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 47.550 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

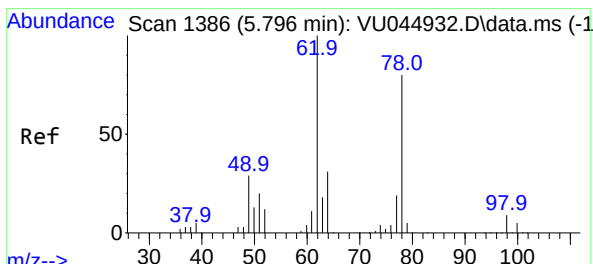
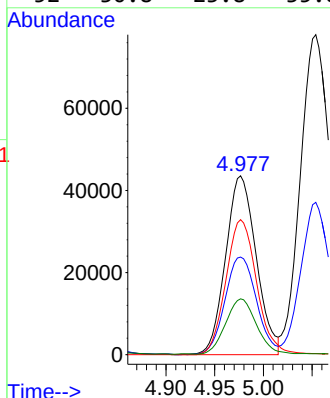
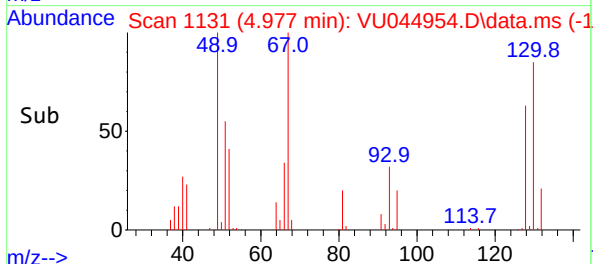


Tgt Ion: 41 Resp: 9543

Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.4	66.6
67	76.2	58.1	87.1
52	30.8	23.8	35.8

Manual Integrations
APPROVED

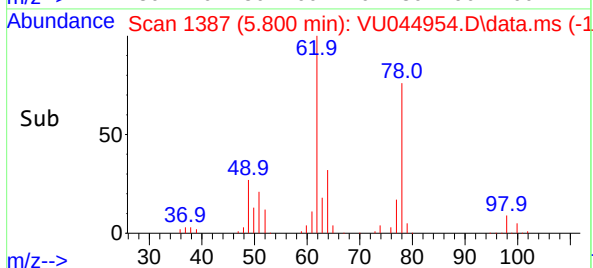
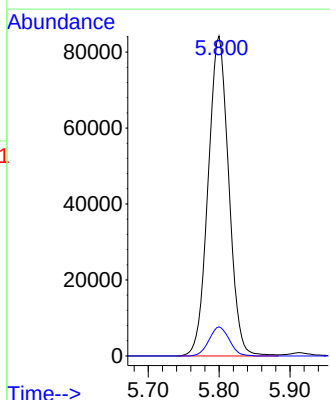
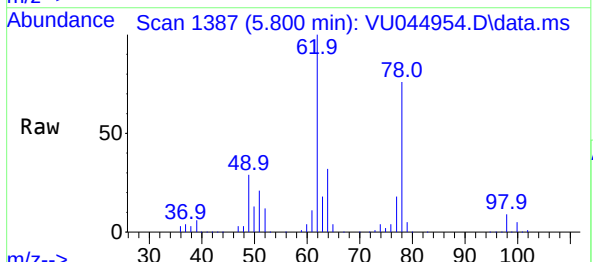
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

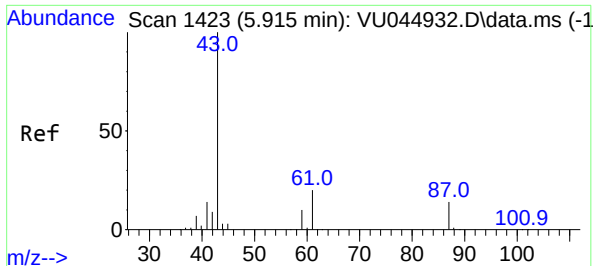


#42
1,2-Dichloroethane
Concen: 49.304 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 62 Resp: 170058

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





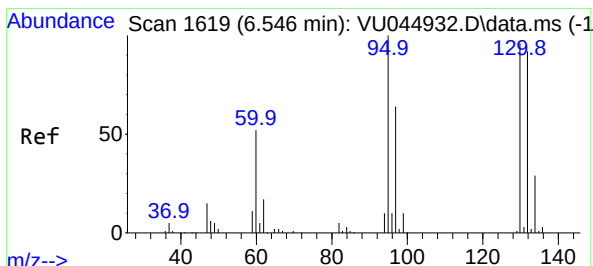
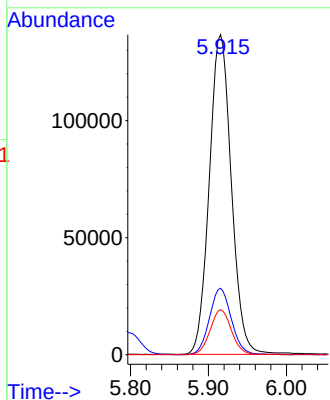
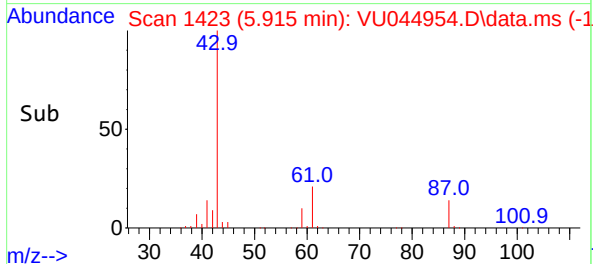
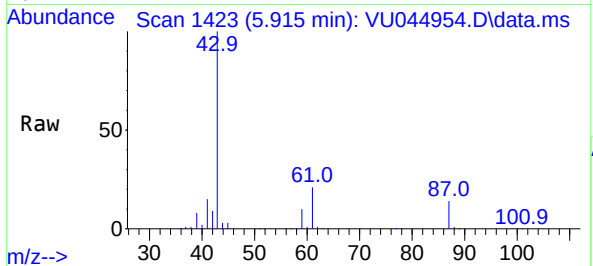
#43
Isopropyl Acetate
Concen: 45.753 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 43 Resp: 26834
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1
87 13.6 10.3 15.5

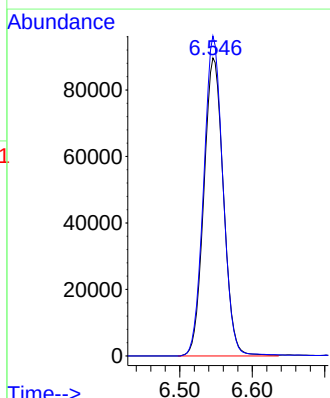
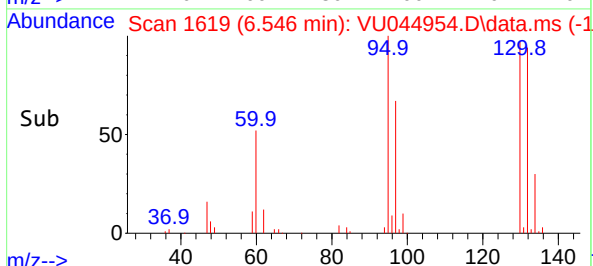
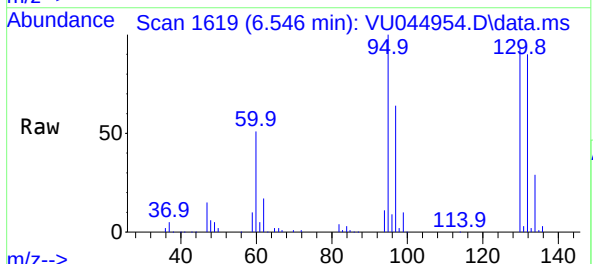
Manual Integrations
APPROVED

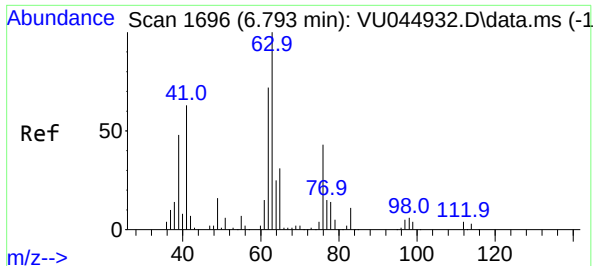
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 81.277 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion:130 Resp: 168165
Ion Ratio Lower Upper
130 100
95 107.4 0.0 209.0





#45

1,2-Dichloropropane

Concen: 48.290 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044954.D

Acq: 28 Sep 2021 20:15

Instrument :

MSVOA_U

ClientSampleId :

MW202D-20210918MS

Tgt Ion: 63 Resp: 11235

Ion Ratio Lower Upper

63 100

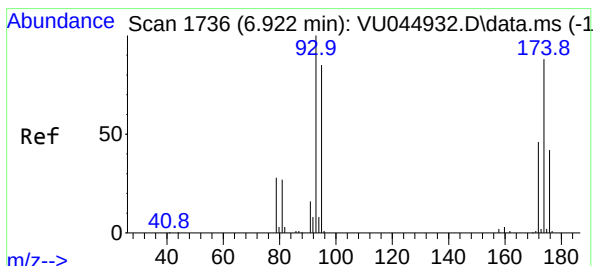
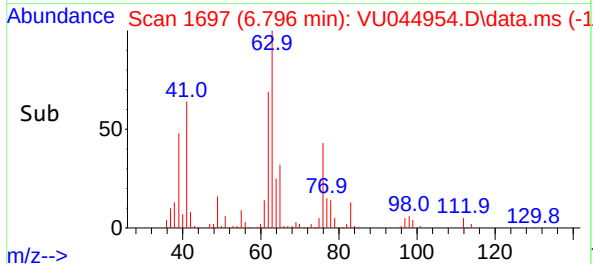
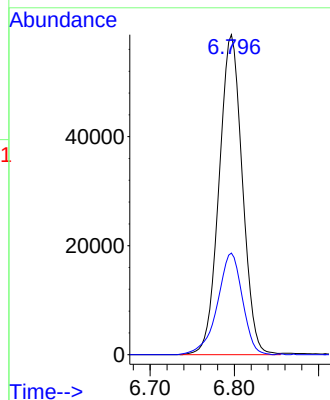
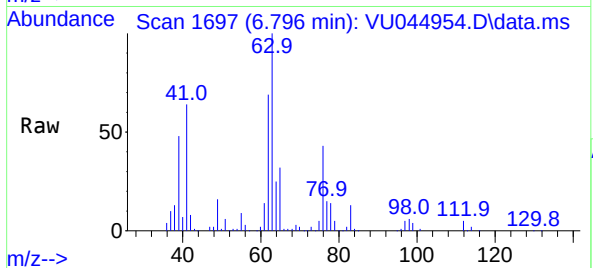
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 48.975 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044954.D

Acq: 28 Sep 2021 20:15

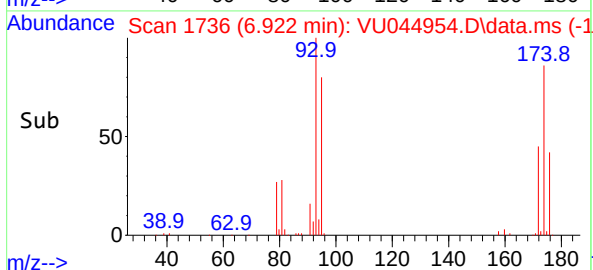
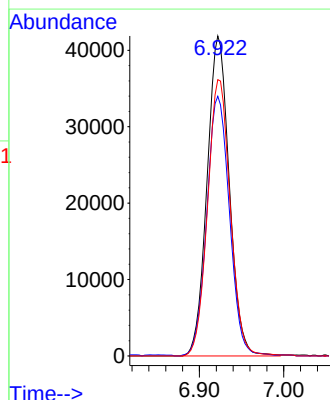
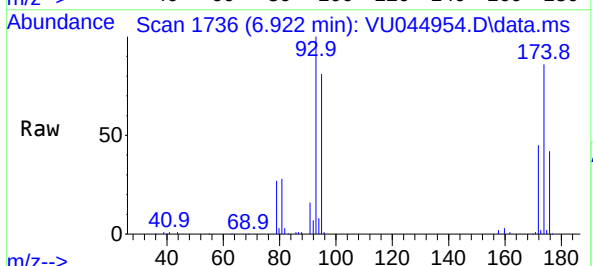
Tgt Ion: 93 Resp: 76760

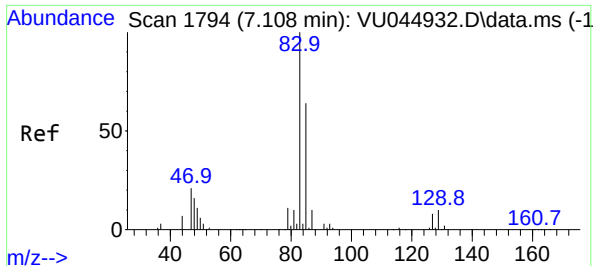
Ion Ratio Lower Upper

93 100

95 83.3 65.6 98.4

174 88.3 70.7 106.1





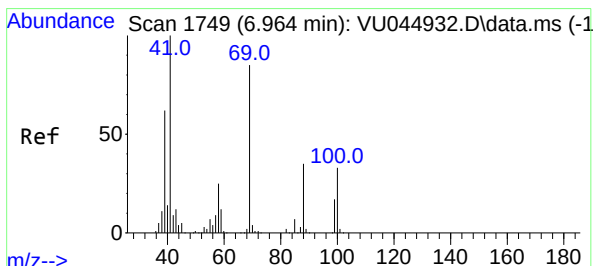
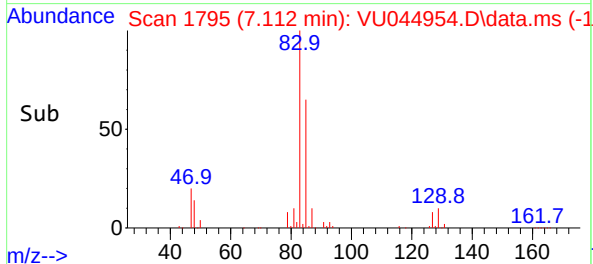
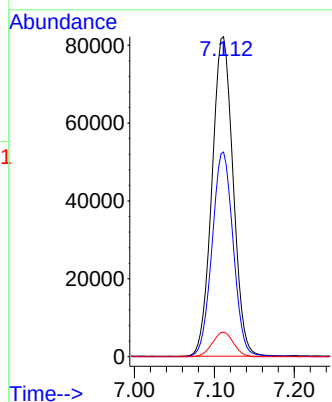
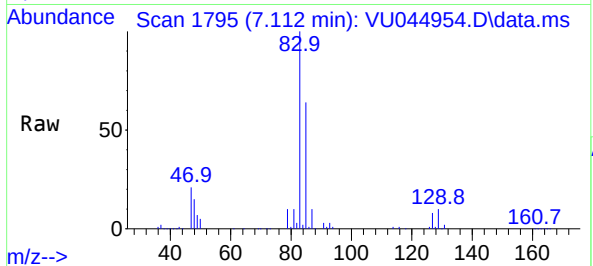
#47
Bromodichloromethane
Concen: 49.418 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 83 Resp: 15038
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4
127 7.7 6.2 9.4

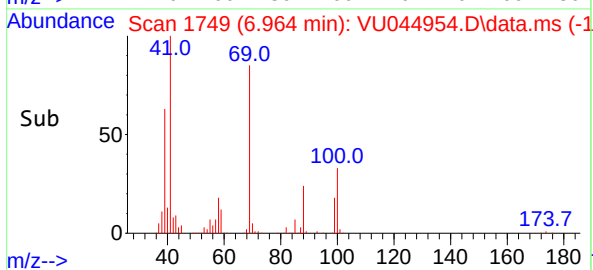
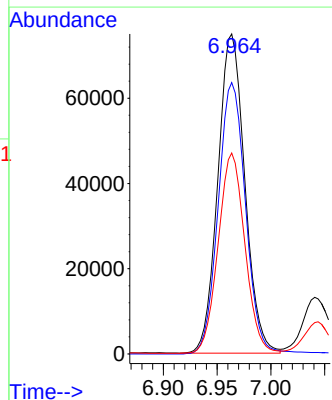
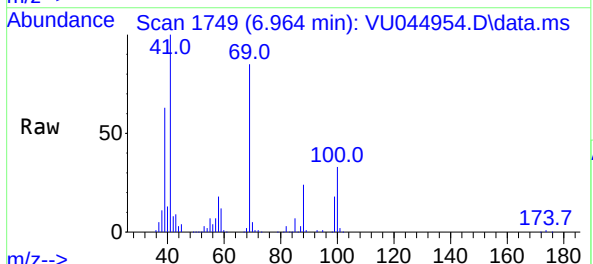
Manual Integrations
APPROVED

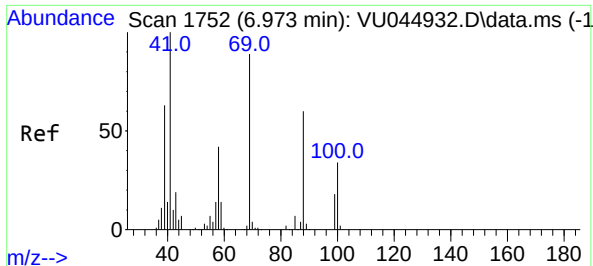
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 45.723 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

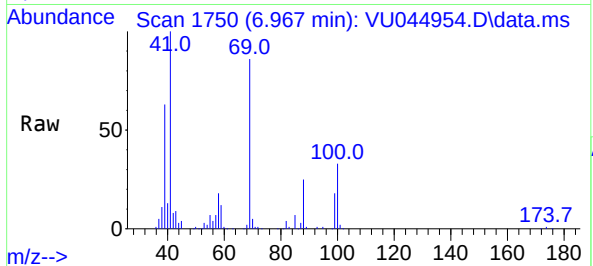
Tgt Ion: 41 Resp: 130532
Ion Ratio Lower Upper
41 100
69 86.8 65.6 98.4
39 62.2 46.2 69.4





#49
1,4-Dioxane
Concen: 500.554 ug/l
RT: 6.967 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

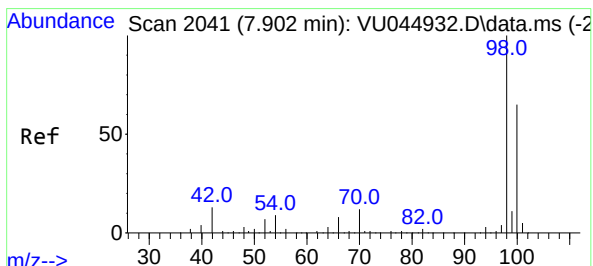
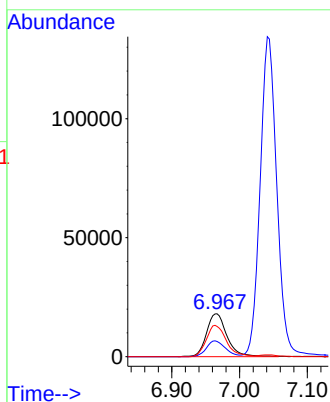
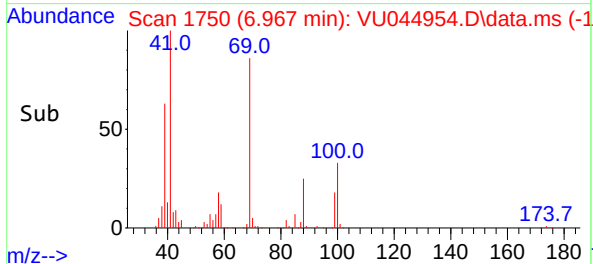
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion: 88 Resp: 3784
Ion Ratio Lower Upper
88 100
43 34.7 25.8 38.6
58 71.4 61.3 91.9

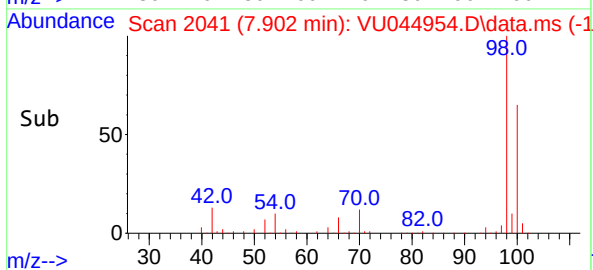
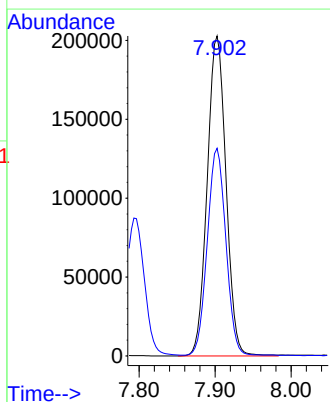
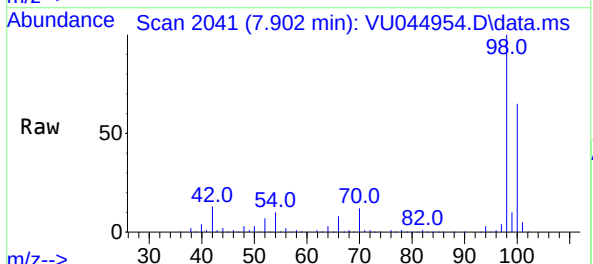
Manual Integrations
APPROVED

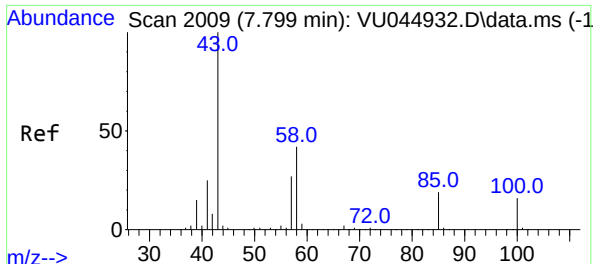
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 49.568 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 98 Resp: 348101
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7





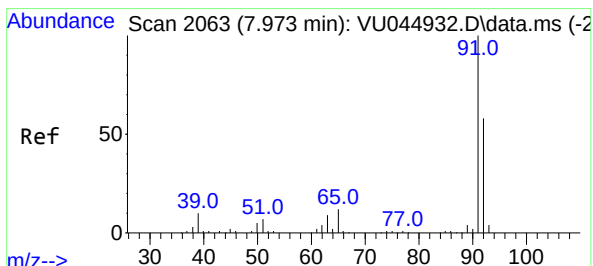
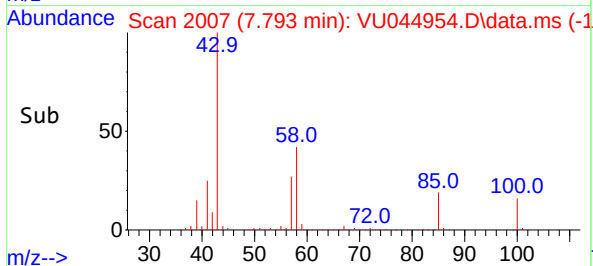
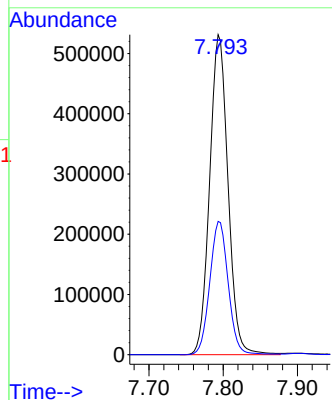
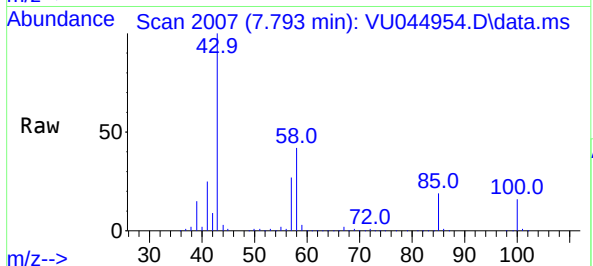
#51
4-Methyl-2-Pentanone
Concen: 213.657 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 43 Resp: 912279
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6

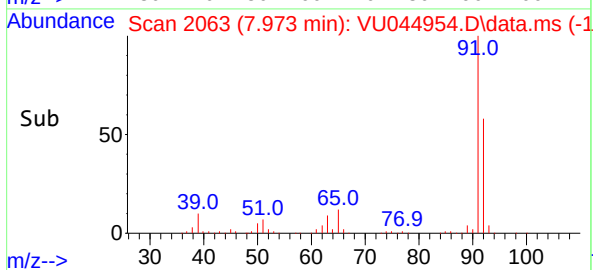
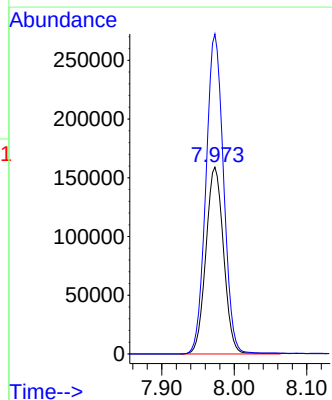
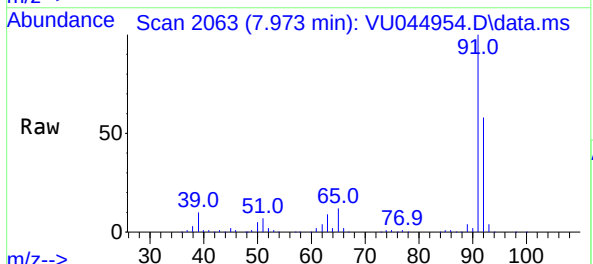
Manual Integrations
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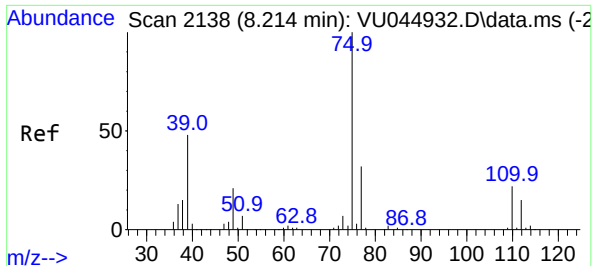
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 49.095 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

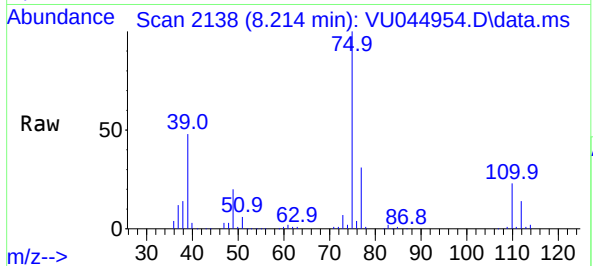
Tgt Ion: 92 Resp: 269645
Ion Ratio Lower Upper
92 100
91 170.5 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 49.243 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

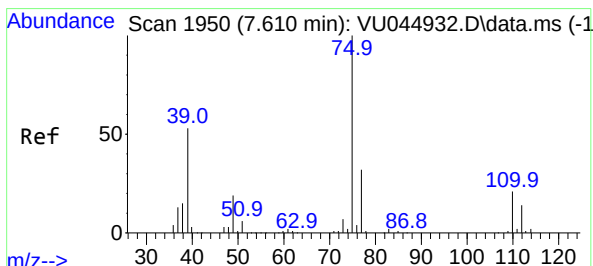
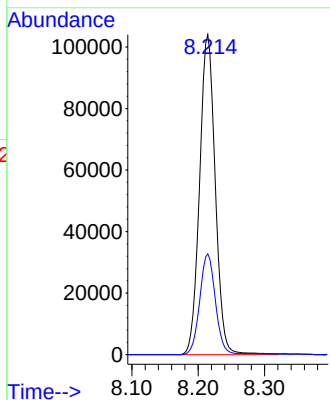
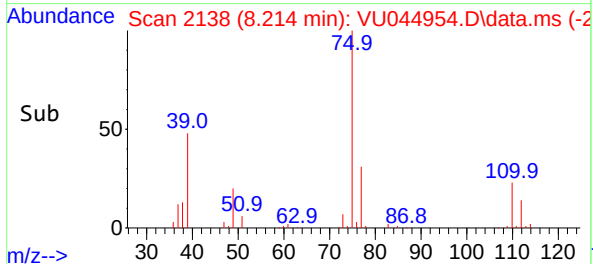
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



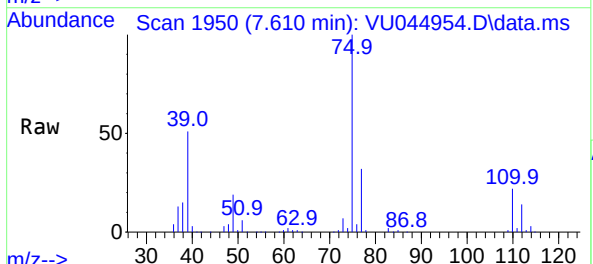
Tgt Ion: 75 Resp: 17136
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
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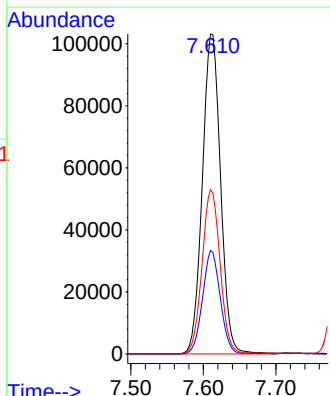
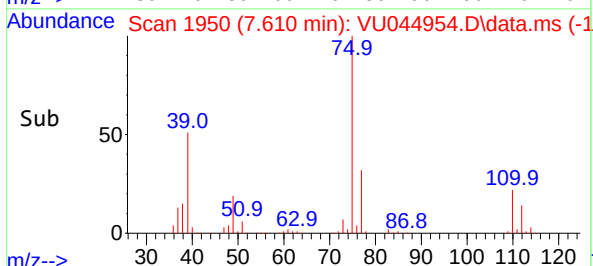
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

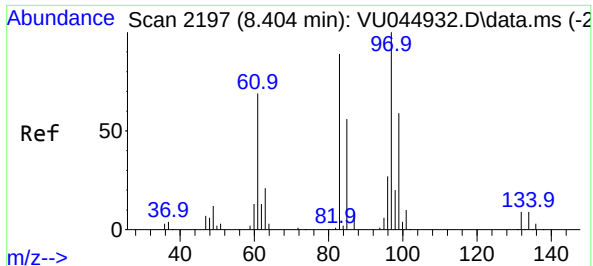


#54
cis-1,3-Dichloropropene
Concen: 49.667 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



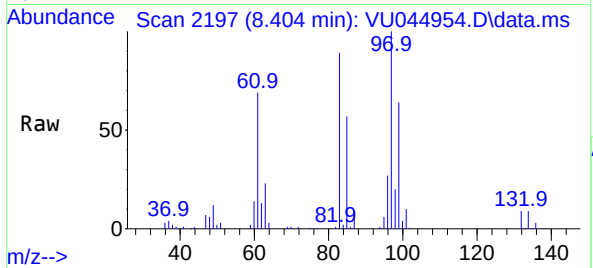
Tgt Ion: 75 Resp: 180037
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6
39 51.2 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 47.283 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

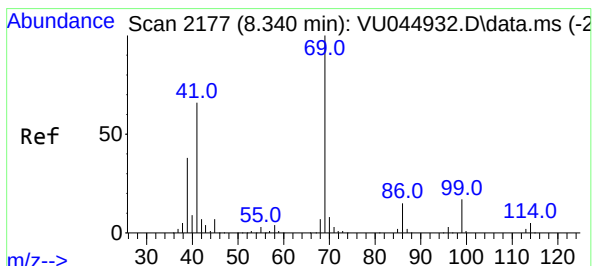
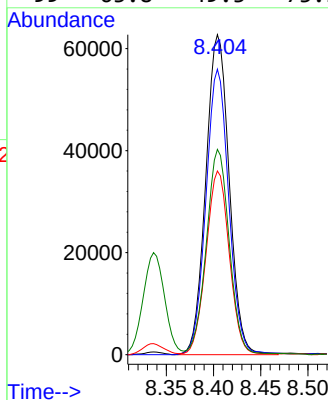
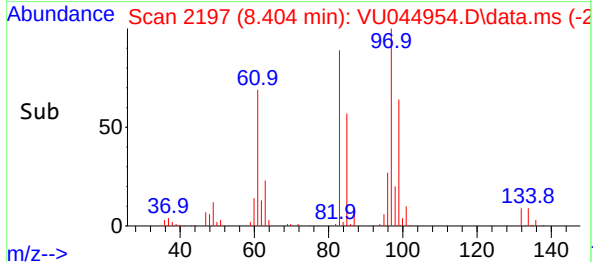


Tgt Ion: 97 Resp: 10820

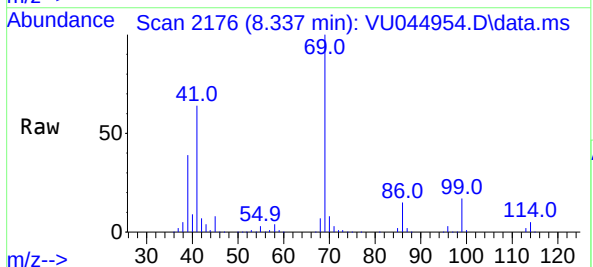
Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.7	104.5
85	57.1	44.8	67.2
99	63.8	49.3	73.9

Manual Integrations
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Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

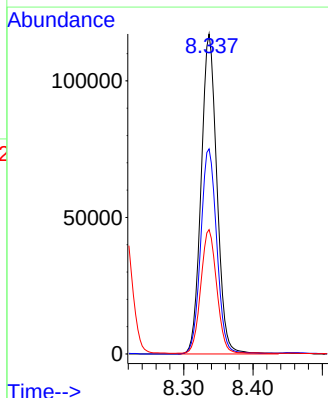
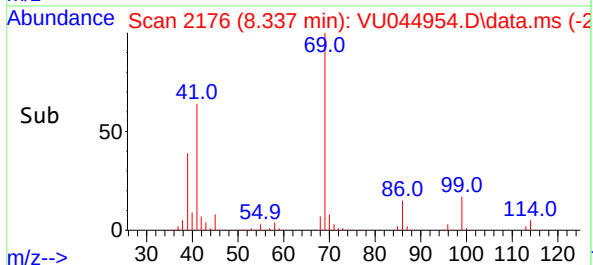


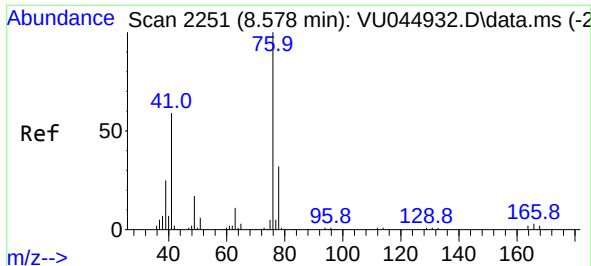
#56
Ethyl methacrylate
Concen: 41.920 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion: 69 Resp: 184914

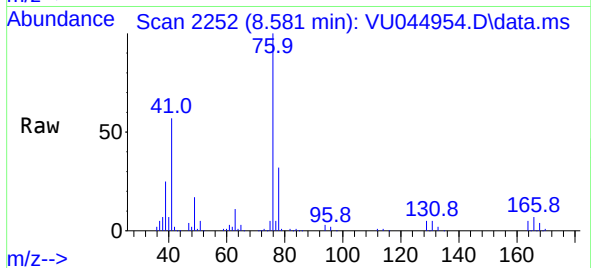
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.5	80.3
39	38.9	31.1	46.7





#57
1,3-Dichloropropane
Concen: 47.457 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

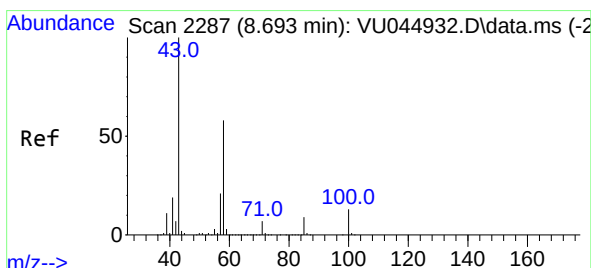
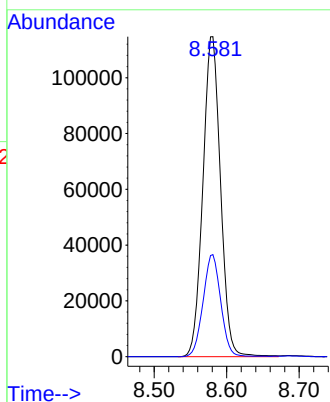
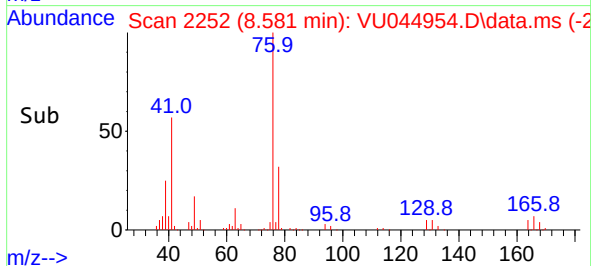
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



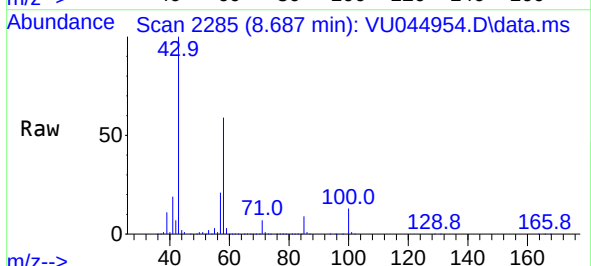
Tgt Ion: 76 Resp: 19382
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
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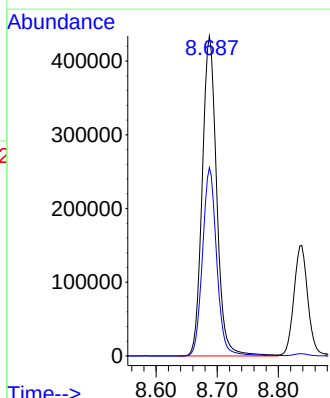
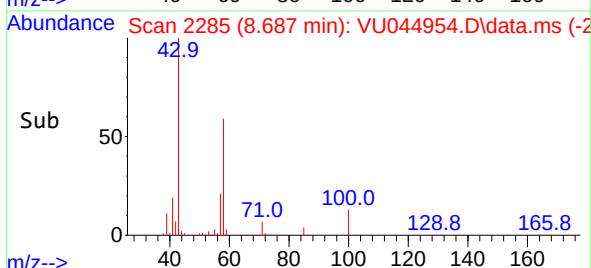
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

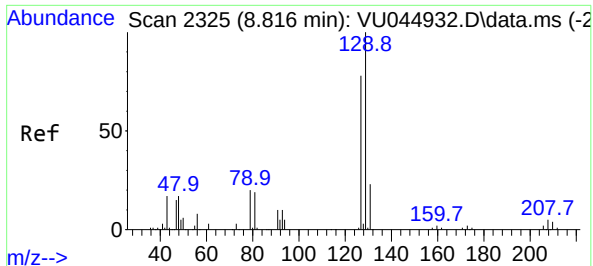


#59
2-Hexanone
Concen: 204.858 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



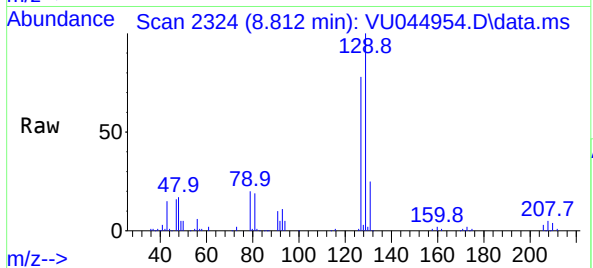
Tgt Ion: 43 Resp: 712304
Ion Ratio Lower Upper
43 100
58 57.9 28.0 84.0





#60
Dibromochloromethane
Concen: 44.113 ug/l
RT: 8.812 min Scan# 2325
Delta R.T. -0.004 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

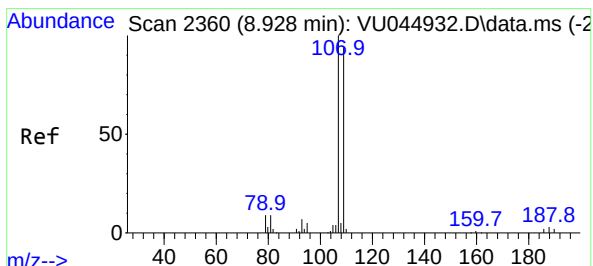
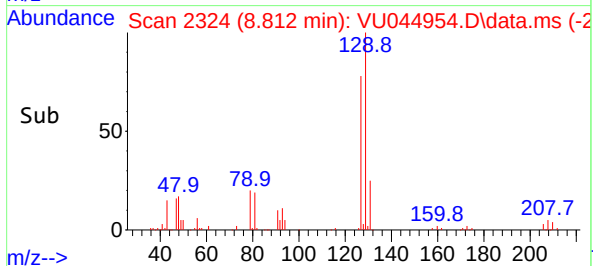
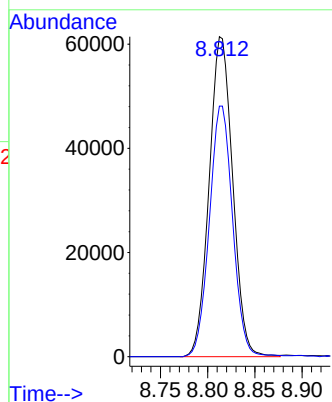
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion:129 Resp: 106390
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

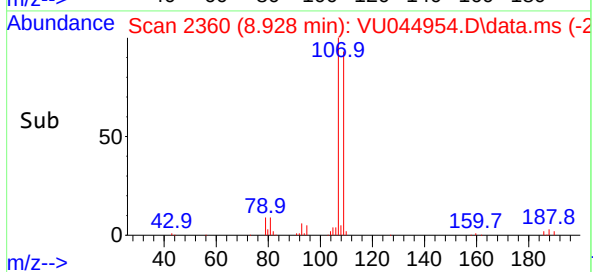
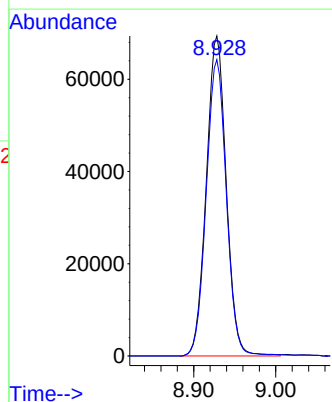
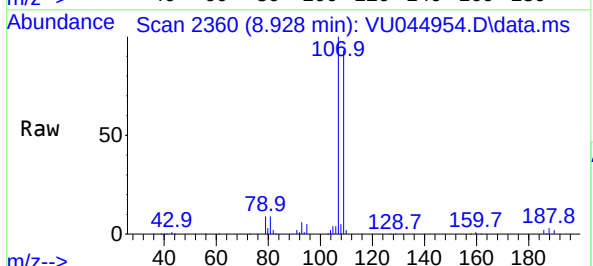
Manual Integrations
APPROVED

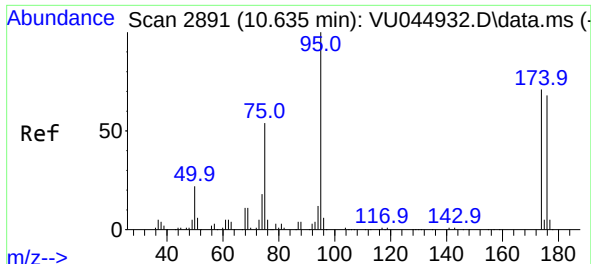
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#61
1,2-Dibromoethane
Concen: 48.172 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

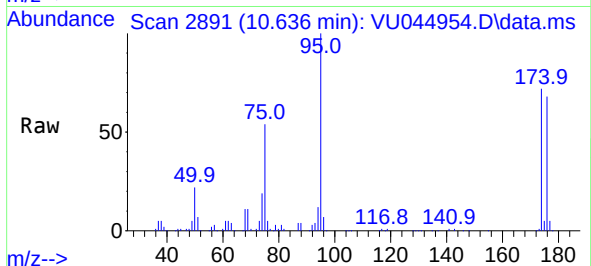
Tgt Ion:107 Resp: 117183
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2





#62
4-Bromofluorobenzene
Concen: 45.224 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

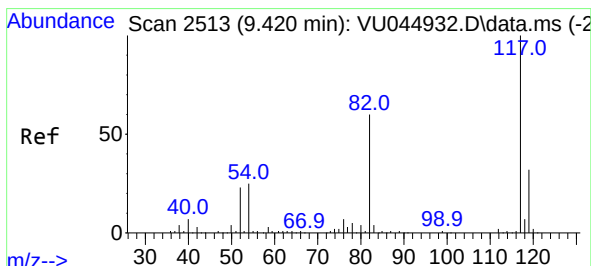
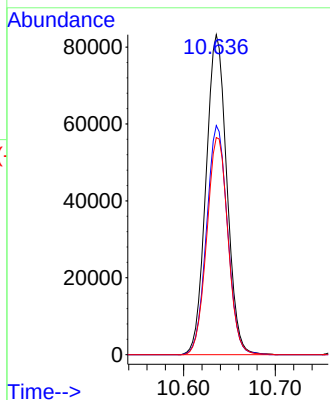
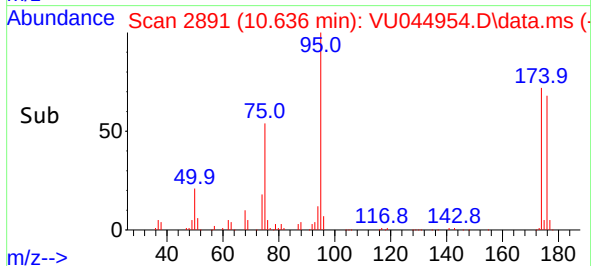
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



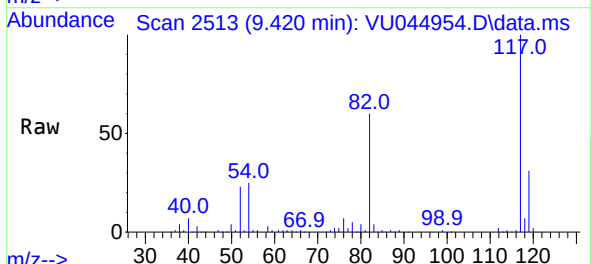
Tgt Ion: 95 Resp: 131119
Ion Ratio Lower Upper
95 100
174 72.3 0.0 146.6
176 69.0 0.0 141.2

Manual Integrations
APPROVED

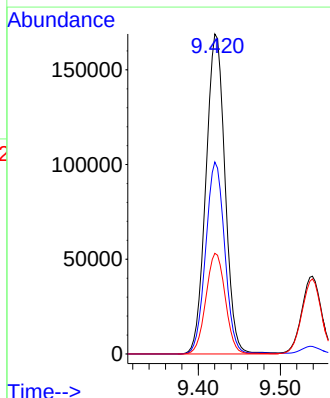
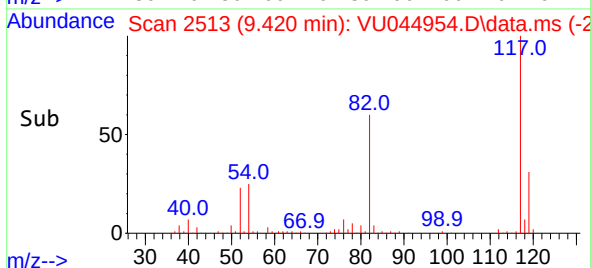
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

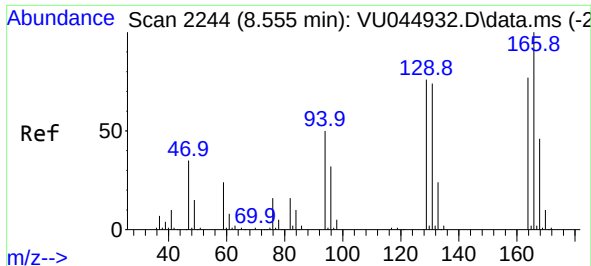


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



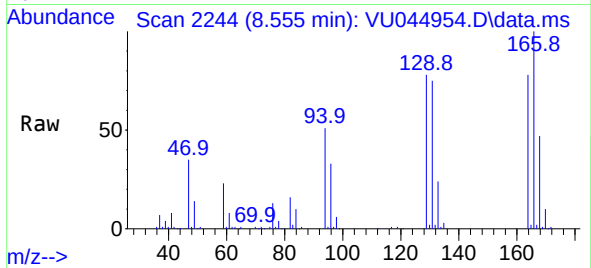
Tgt Ion:117 Resp: 273909
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.4 25.8 38.6





#64
Tetrachloroethene
Concen: 60.917 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

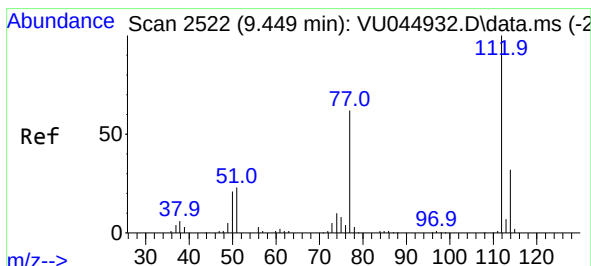
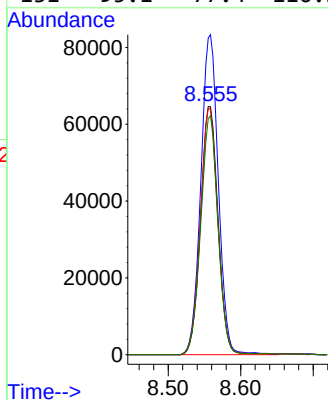
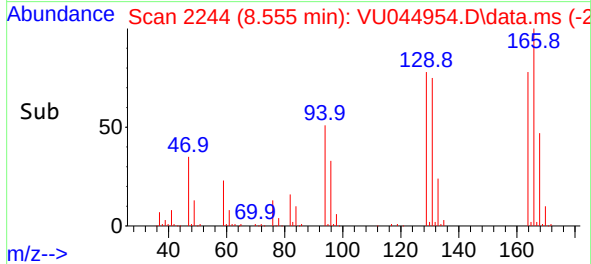
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



Tgt Ion:164 Resp: 108900
Ion Ratio Lower Upper
164 100
166 127.6 102.8 154.2
129 99.4 79.4 119.2
131 95.1 77.4 116.2

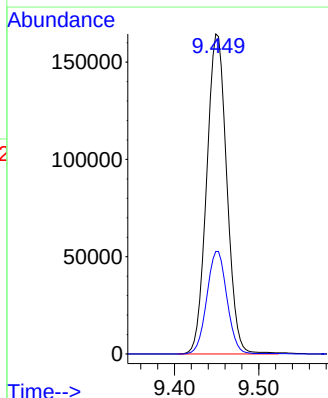
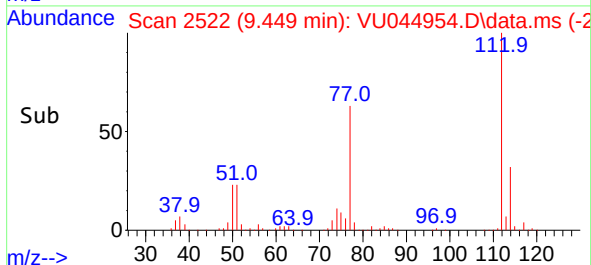
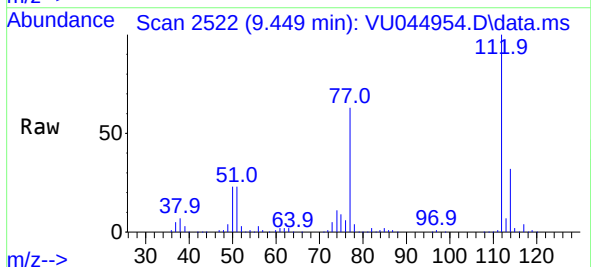
Manual Integrations
APPROVED

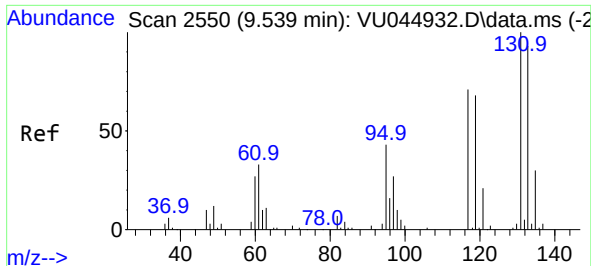
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#65
Chlorobenzene
Concen: 47.553 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

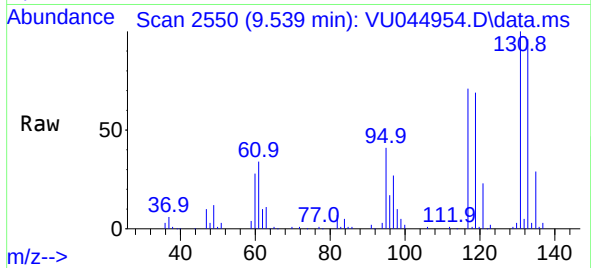
Tgt Ion:112 Resp: 273082
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9





#66
1,1,1,2-Tetrachloroethane
Concen: 47.000 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

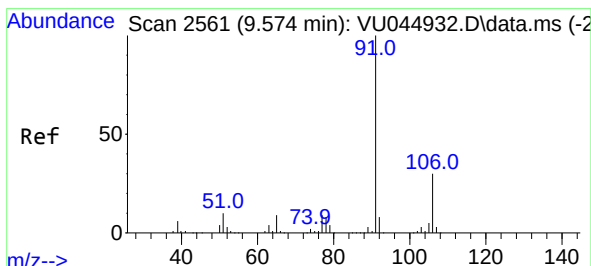
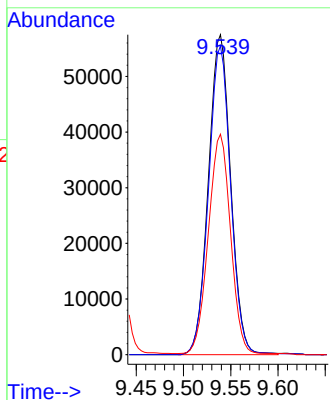
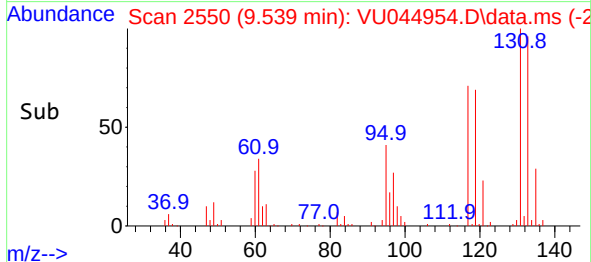
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



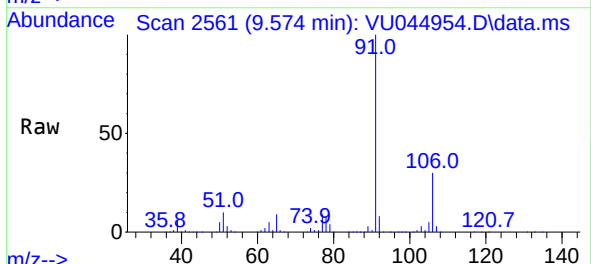
Tgt Ion:131 Resp: 9423
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 68.2 34.1 102.3

Manual Integrations
APPROVED

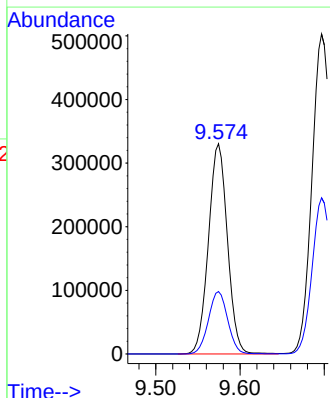
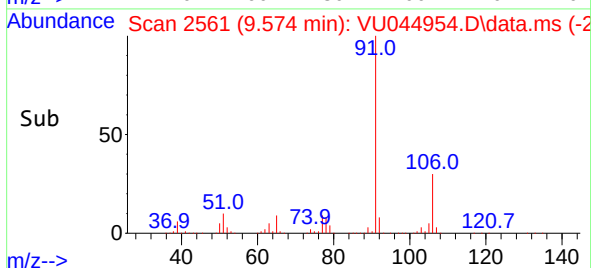
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

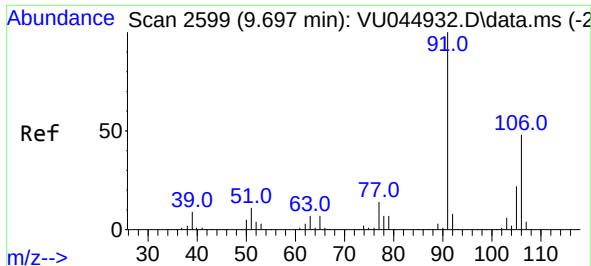


#67
Ethyl Benzene
Concen: 48.924 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion: 91 Resp: 517001
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5





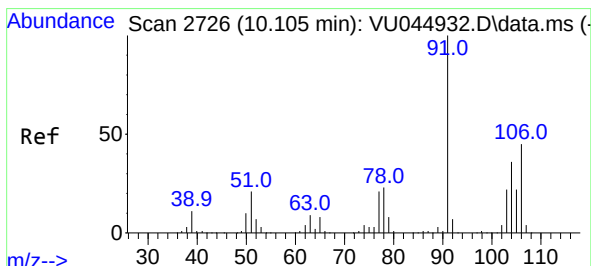
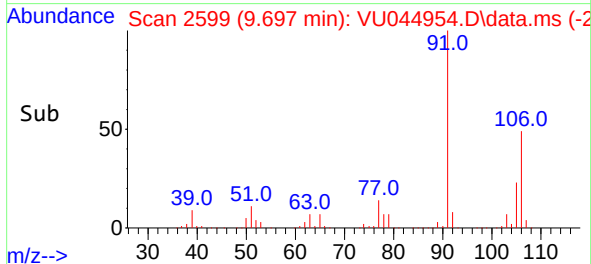
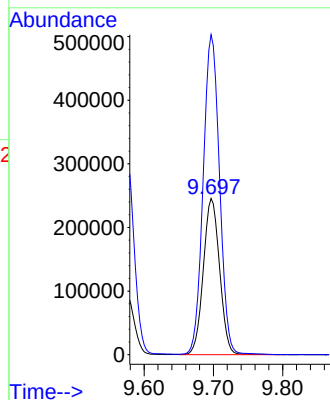
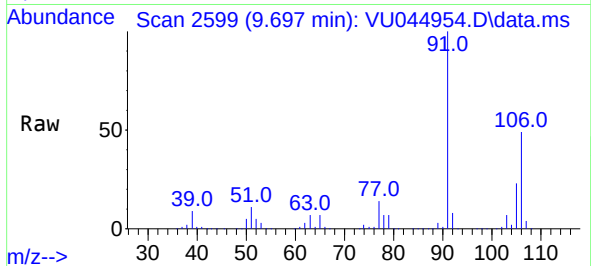
#68
m/p-Xylenes
Concen: 97.507 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion:106 Resp: 400315
Ion Ratio Lower Upper
106 100
91 205.9 164.2 246.2

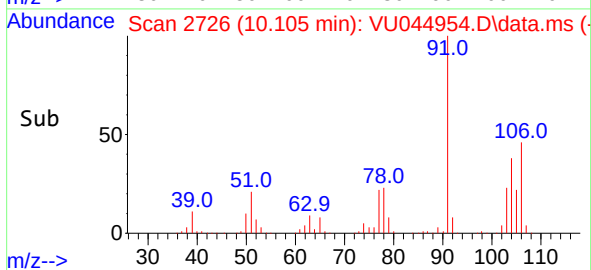
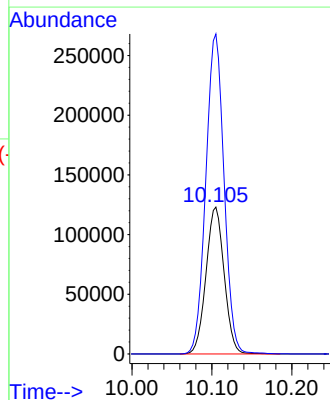
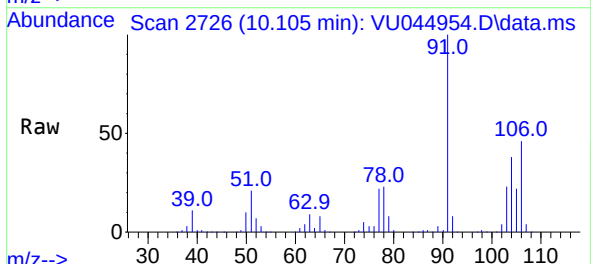
Manual Integrations
APPROVED

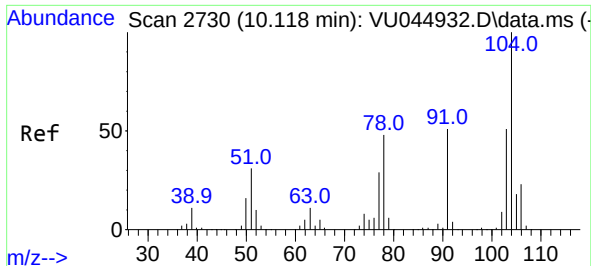
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#69
o-Xylene
Concen: 47.701 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Tgt Ion:106 Resp: 194364
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.7





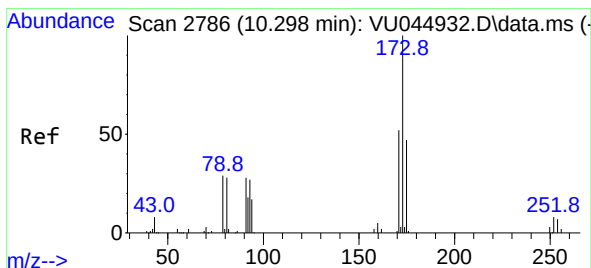
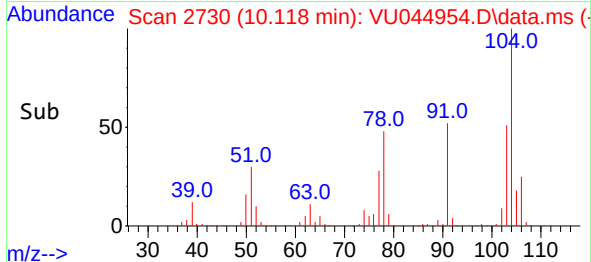
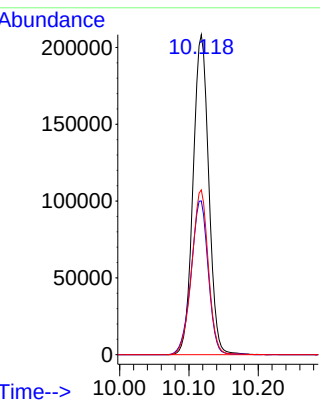
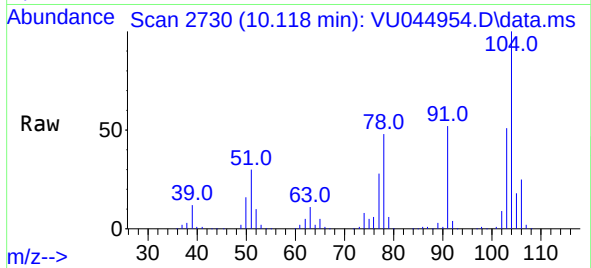
#70
Styrene
Concen: 47.891 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion:104 Resp: 327360
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.0
103 54.6 43.5 65.3

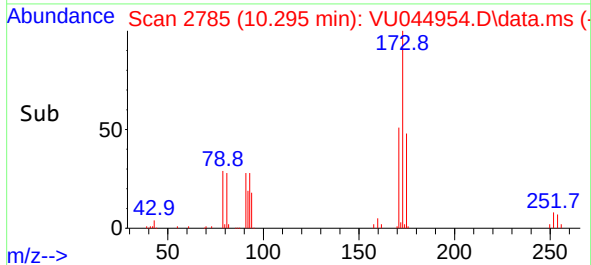
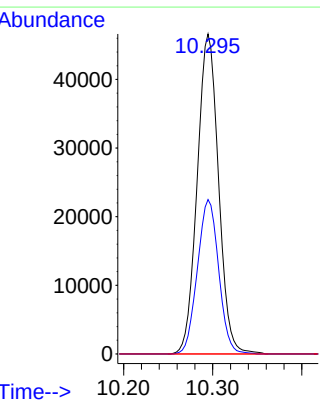
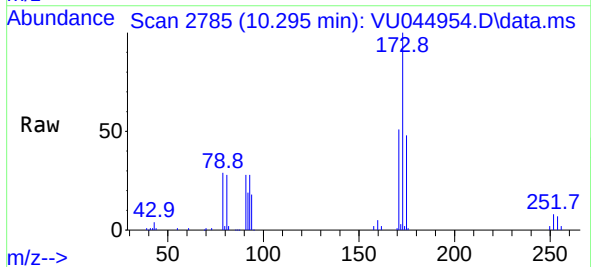
Manual Integrations
APPROVED

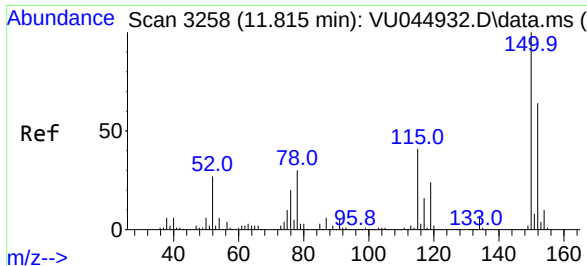
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#71
Bromoform
Concen: 40.530 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

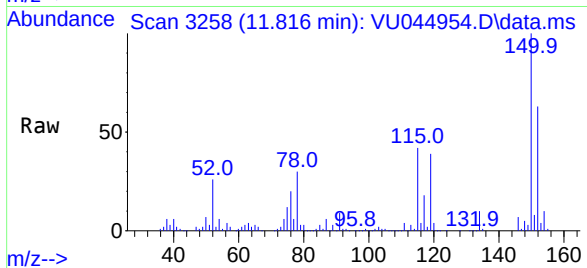
Tgt Ion:173 Resp: 77489
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

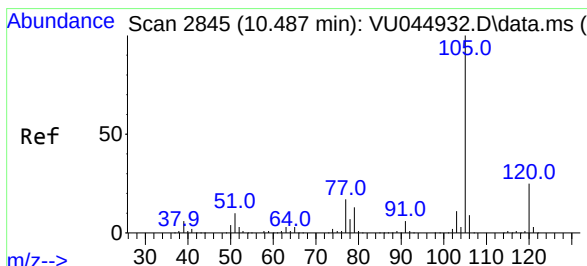
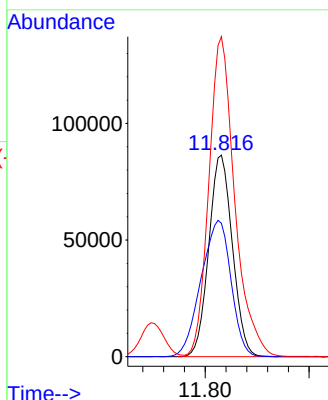
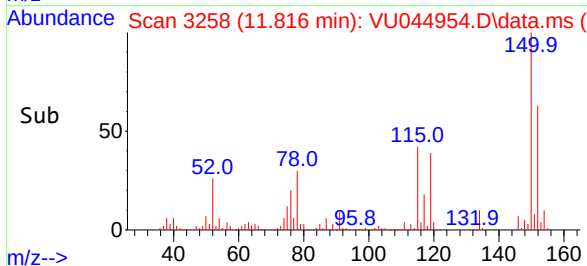
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



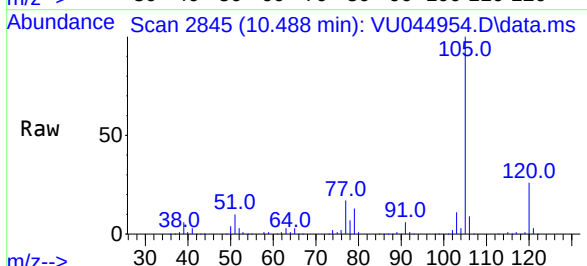
Tgt Ion:152 Resp: 13639
Ion Ratio Lower Upper
152 100
115 85.8 43.5 130.7
150 173.2 0.0 350.0

Manual Integrations
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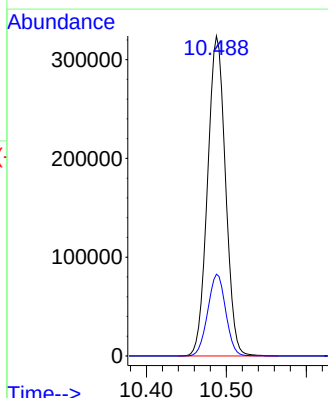
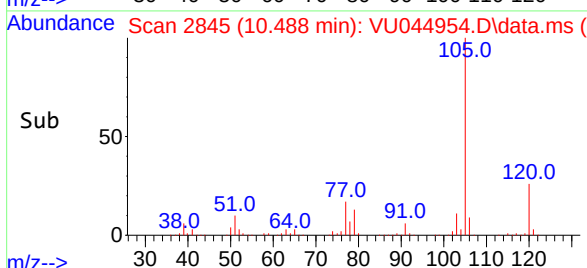
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

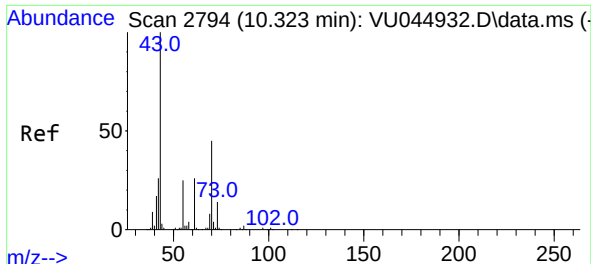


#73
Isopropylbenzene
Concen: 49.730 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



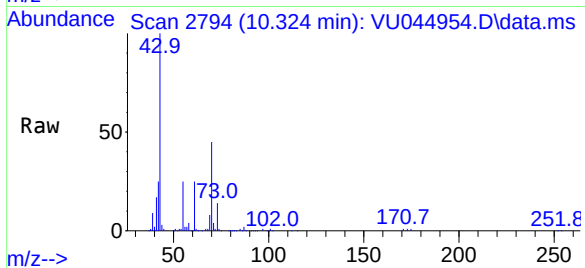
Tgt Ion:105 Resp: 505110
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3





#74
N-ethyl acetate
Concen: 44.363 ug/l
RT: 10.324 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

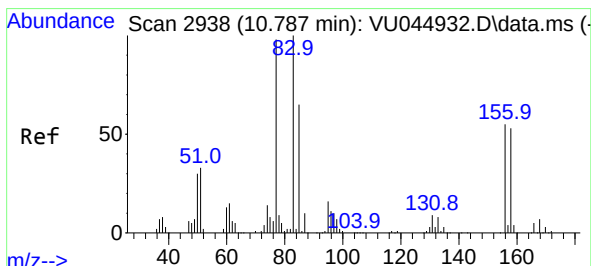
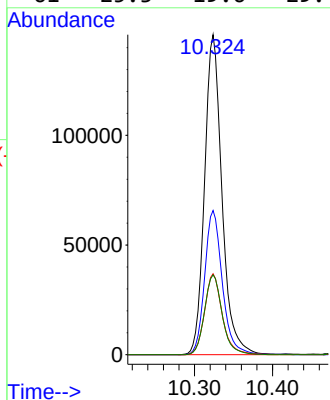
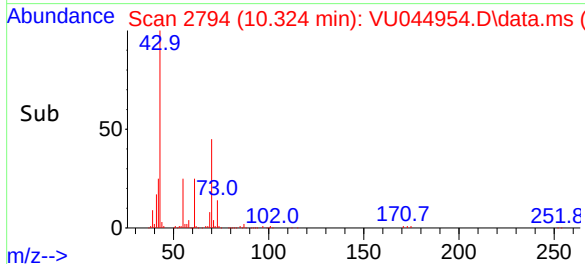
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



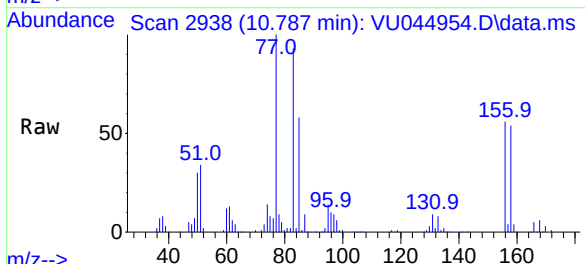
Tgt Ion: 43 Resp: 226880
Ion Ratio Lower Upper
43 100
70 45.7 35.1 52.7
55 25.7 20.5 30.7
61 25.3 19.6 29.4

Manual Integrations
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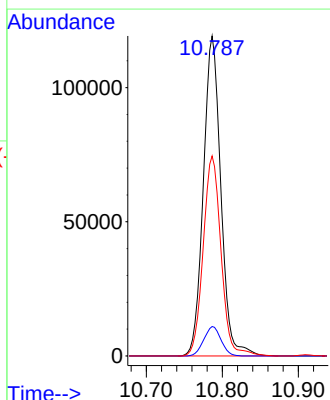
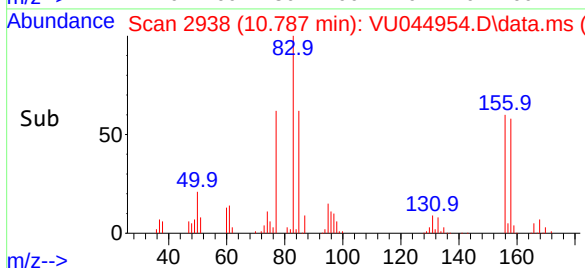
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

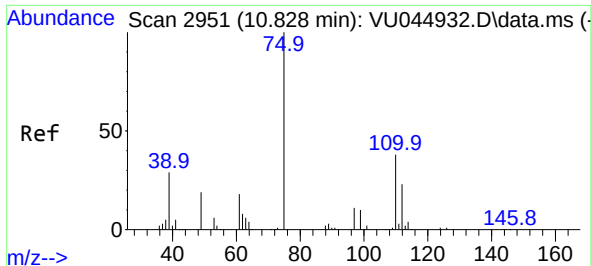


#75
1,1,2,2-Tetrachloroethane
Concen: 43.405 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



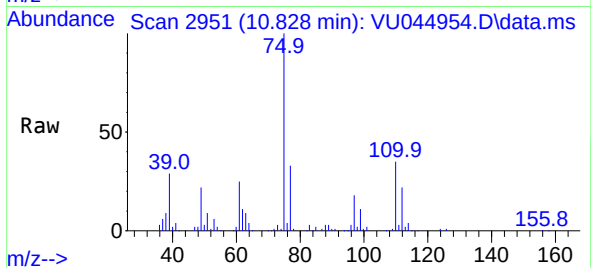
Tgt Ion: 83 Resp: 190756
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 63.8 31.9 95.5





#76
1,2,3-Trichloropropane
Concen: 42.590 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

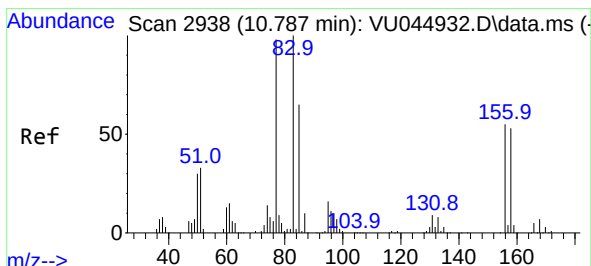
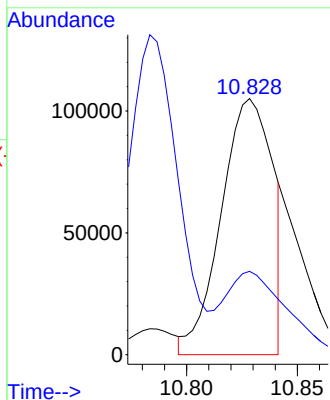
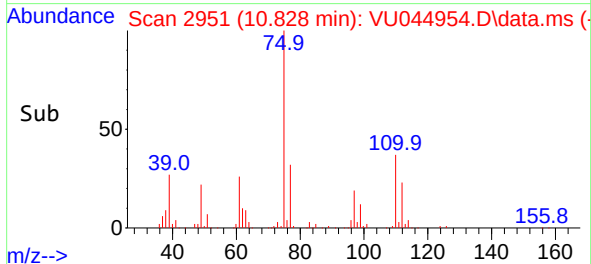
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



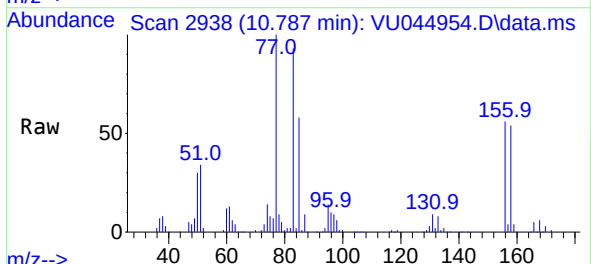
Tgt Ion: 75 Resp: 169439
Ion Ratio Lower Upper
75 100
77 38.6 17.9 53.7

Manual Integrations
APPROVED

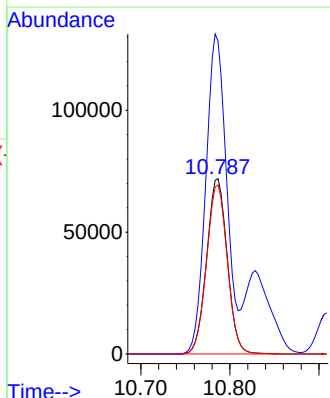
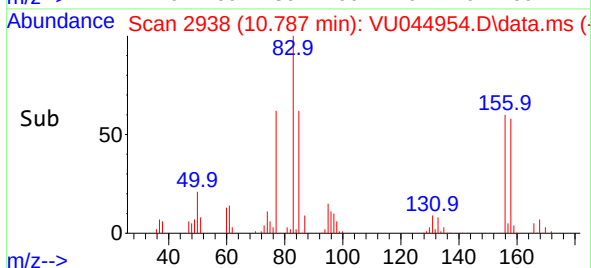
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

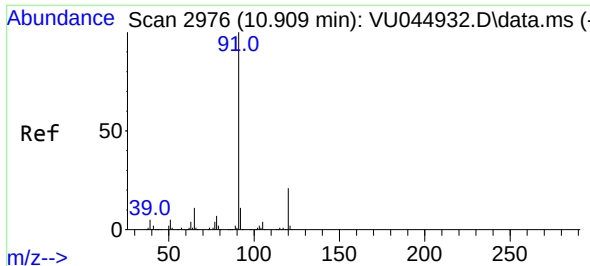


#77
Bromobenzene
Concen: 47.015 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion:156 Resp: 115312
Ion Ratio Lower Upper
156 100
77 182.5 91.1 273.4
158 97.2 48.2 144.6





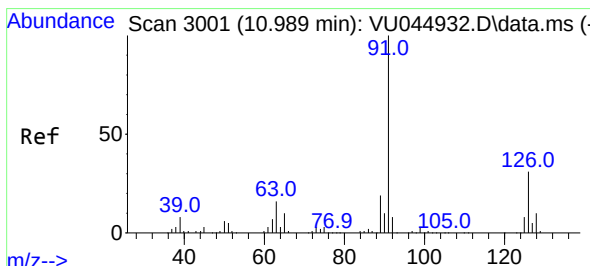
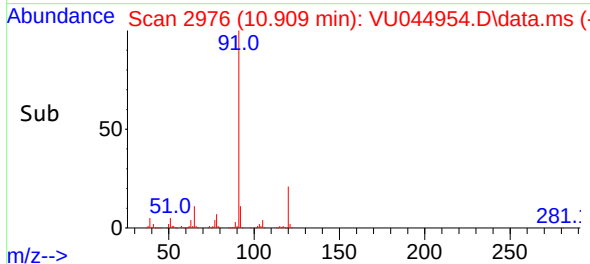
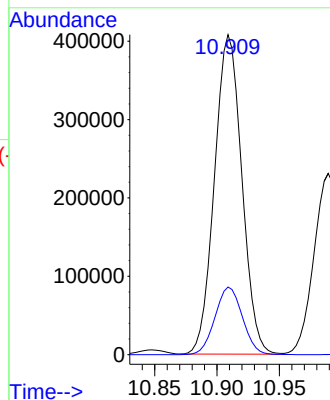
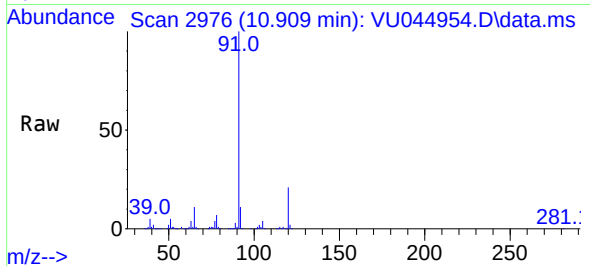
#78
n-propylbenzene
Concen: 50.307 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS

Tgt Ion: 91 Resp: 622684
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4

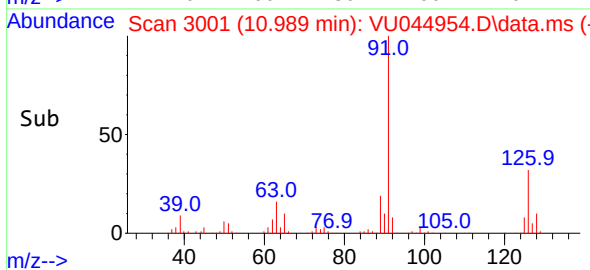
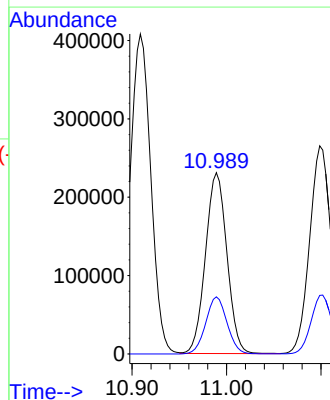
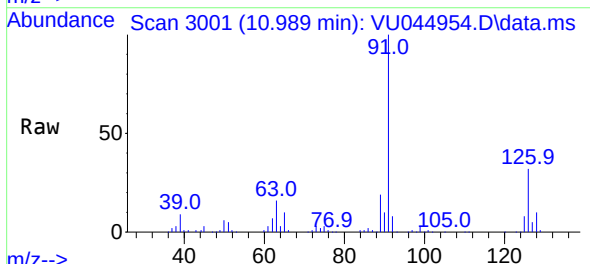
Manual Integrations
APPROVED

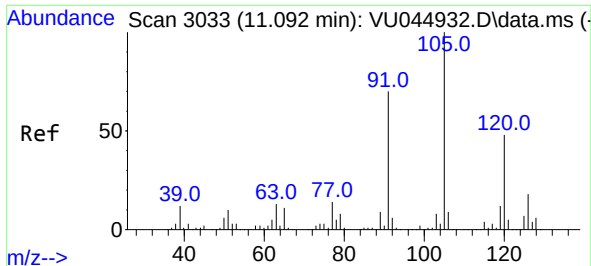
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#79
2-Chlorotoluene
Concen: 46.836 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

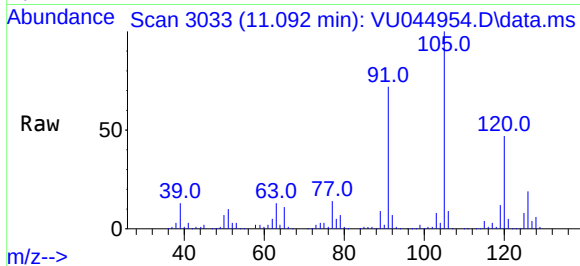
Tgt Ion: 91 Resp: 363384
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0





#80
1,3,5-Trimethylbenzene
Concen: 48.876 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

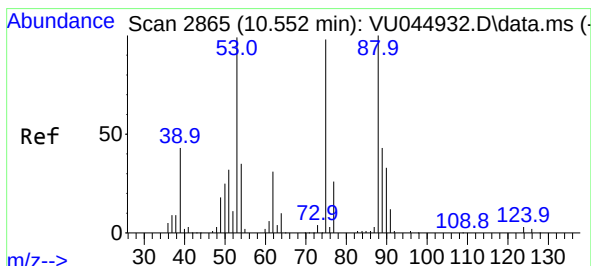
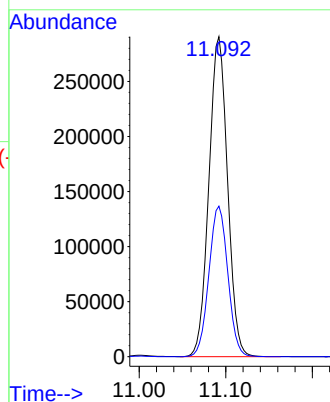
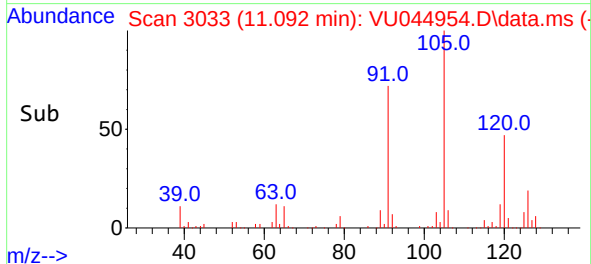
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



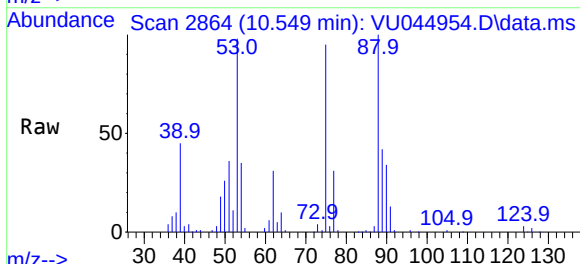
Tgt Ion:105 Resp: 434899
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

Manual Integrations
APPROVED

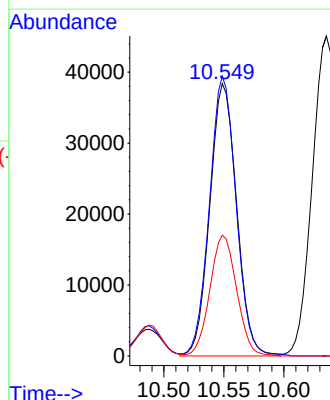
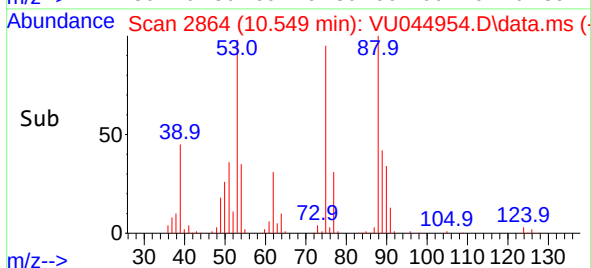
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

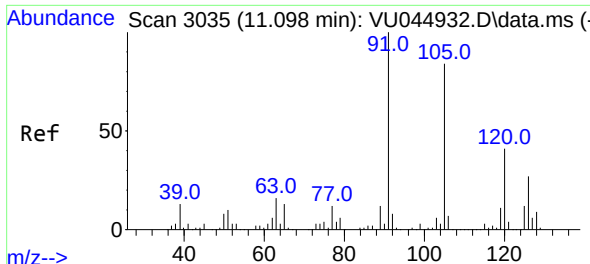


#81
trans-1,4-Dichloro-2-butene
Concen: 41.621 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



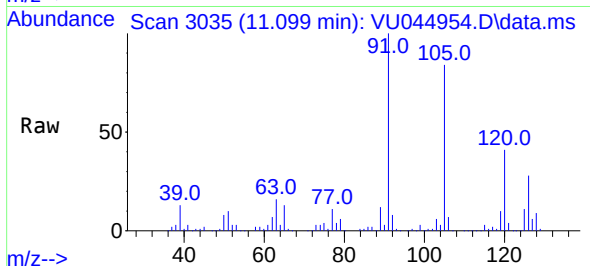
Tgt Ion: 75 Resp: 59665
Ion Ratio Lower Upper
75 100
53 102.1 82.0 123.0
89 44.2 34.2 51.4





#82
4-Chlorotoluene
Concen: 48.116 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

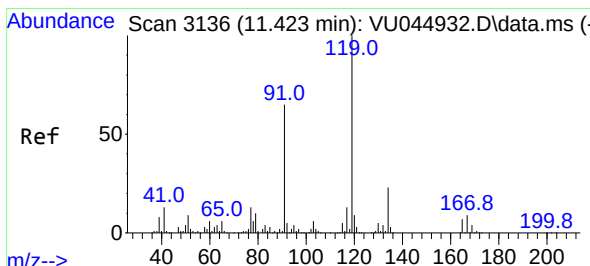
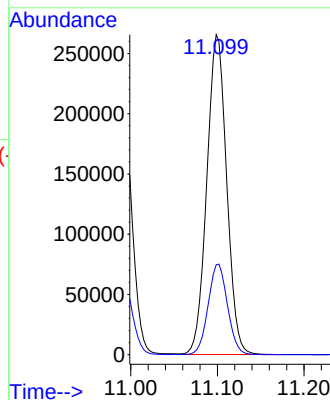
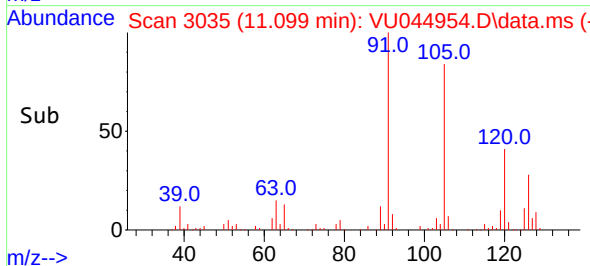
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



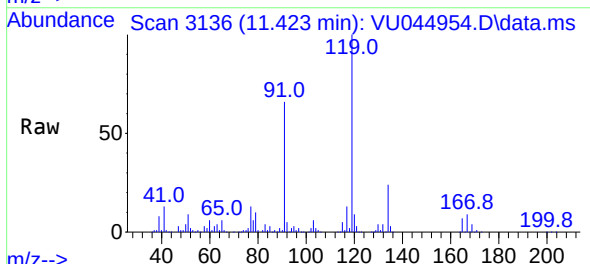
Tgt Ion: 91 Resp: 42196
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

Manual Integrations
APPROVED

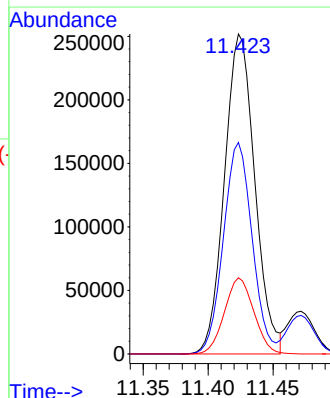
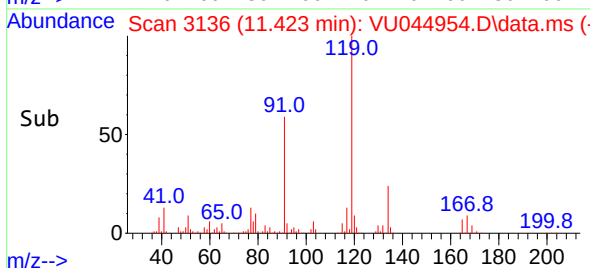
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

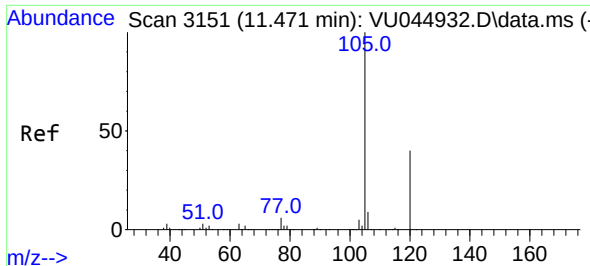


#83
tert-Butylbenzene
Concen: 47.325 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



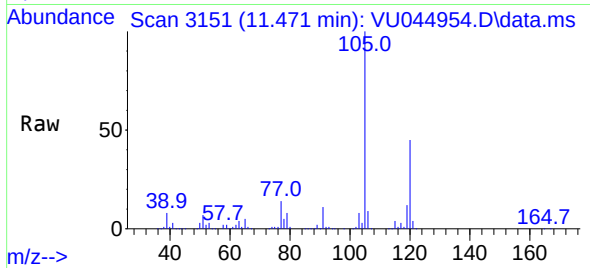
Tgt Ion:119 Resp: 409584
Ion Ratio Lower Upper
119 100
91 62.6 30.4 91.2
134 23.0 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 48.691 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

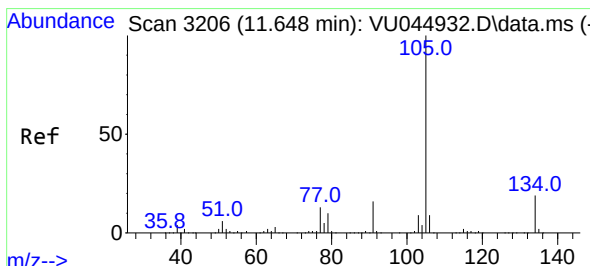
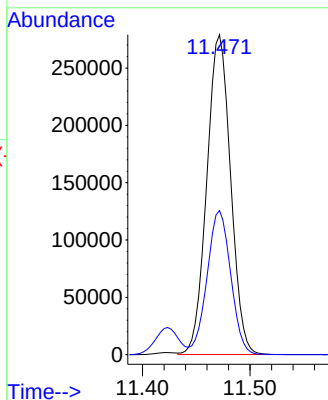
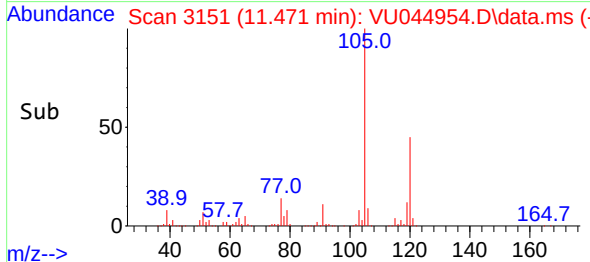
Instrument :
MSVOA_U
ClientSampleId :
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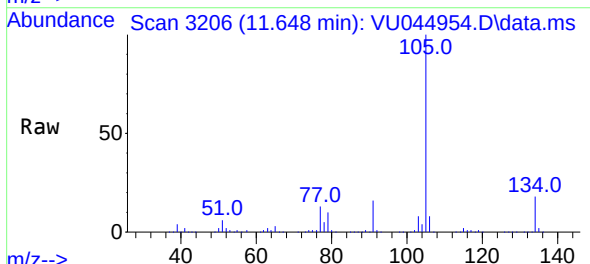
Tgt Ion:105 Resp: 42862
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3

Manual Integrations
APPROVED

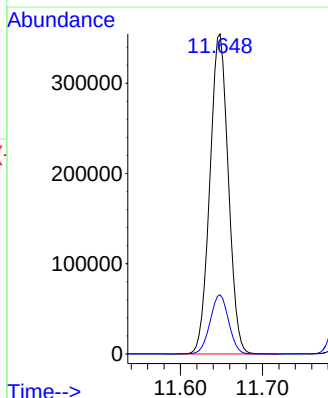
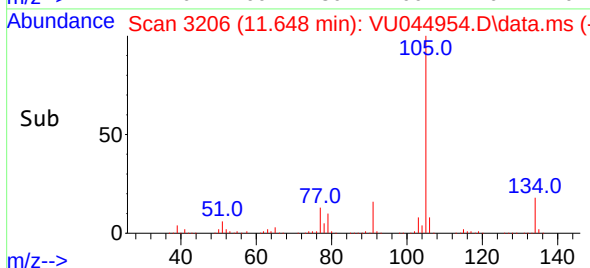
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

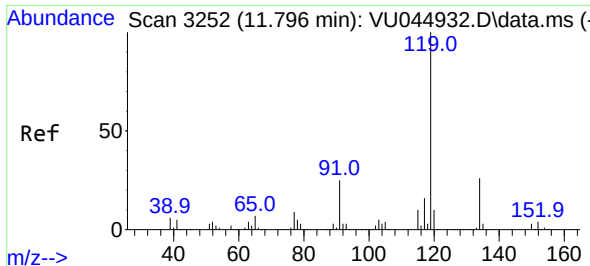


#85
sec-Butylbenzene
Concen: 49.525 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



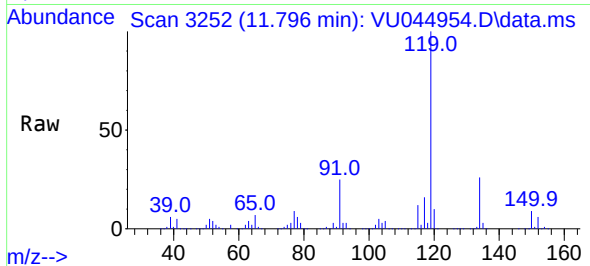
Tgt Ion:105 Resp: 551985
Ion Ratio Lower Upper
105 100
134 18.6 9.3 28.0





#86
p-Isopropyltoluene
Concen: 49.998 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

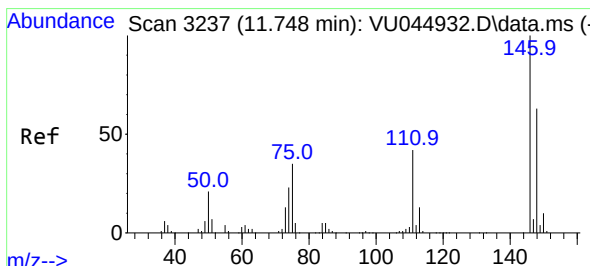
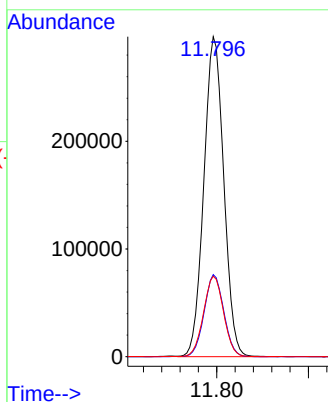
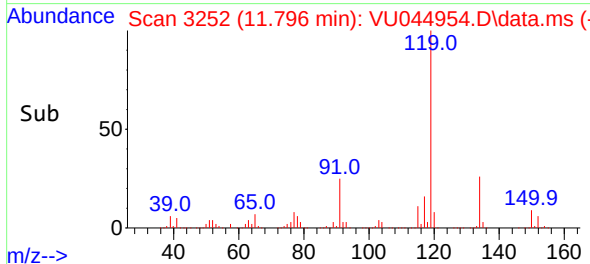
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



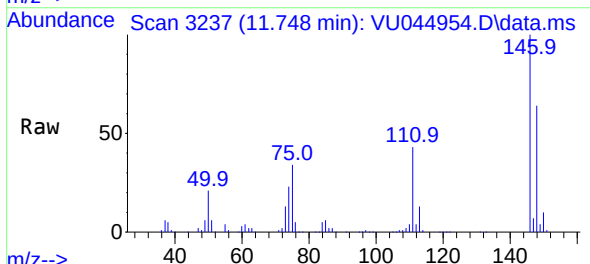
Tgt Ion:119 Resp: 448261
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.3
91 25.2 12.2 36.6

Manual Integrations
APPROVED

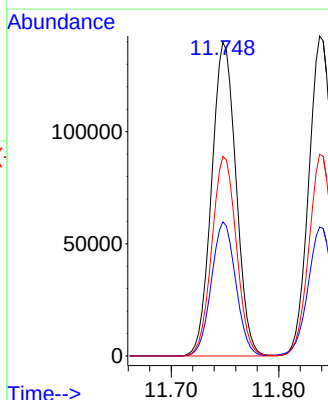
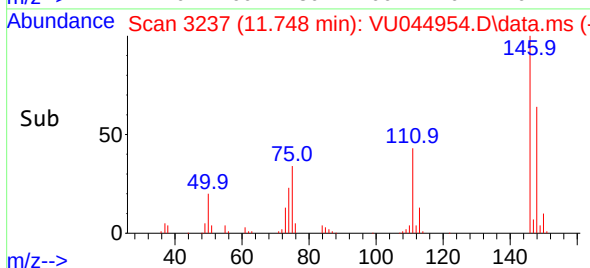
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

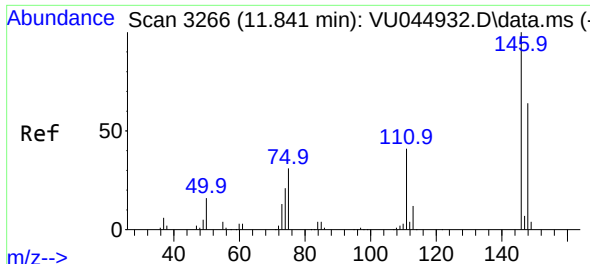


#87
1,3-Dichlorobenzene
Concen: 47.002 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



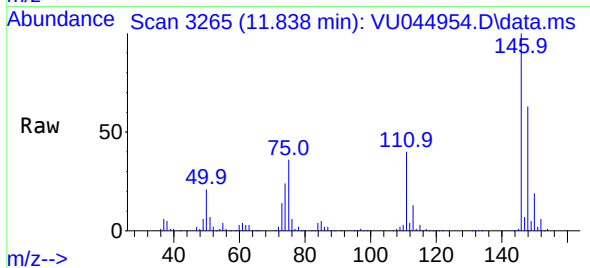
Tgt Ion:146 Resp: 220761
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 63.9 32.1 96.3





#88
1,4-Dichlorobenzene
Concen: 46.794 ug/l
RT: 11.838 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

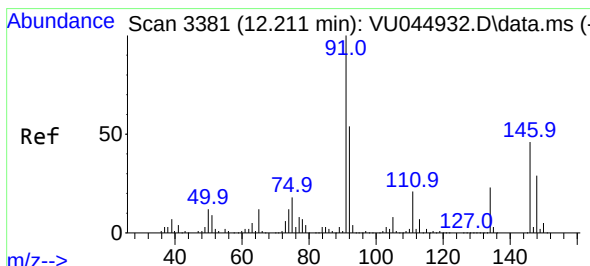
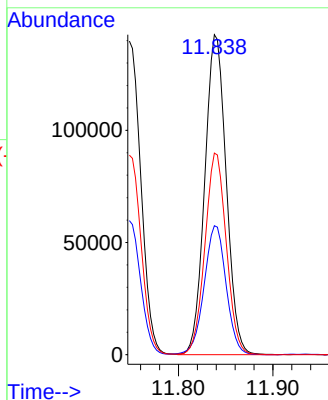
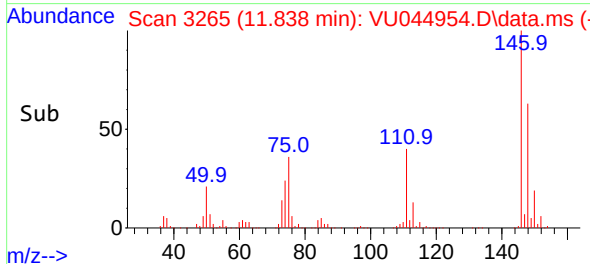
Instrument :
MSVOA_U
ClientSampleId :
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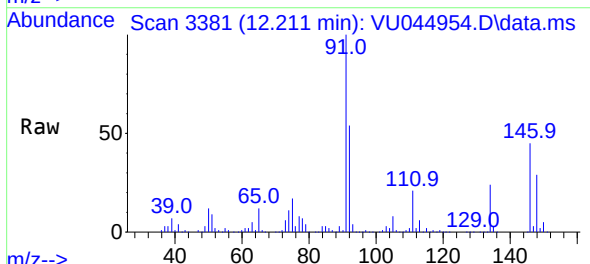
Tgt Ion:146 Resp: 22483
Ion Ratio Lower Upper
146 100
111 41.4 20.3 61.0
148 62.9 31.8 95.3

Manual Integrations
APPROVED

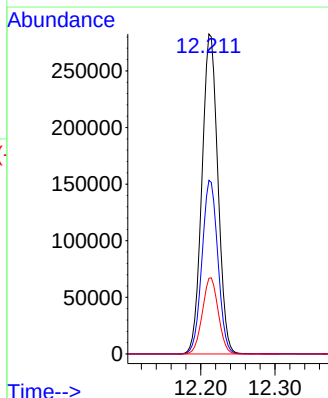
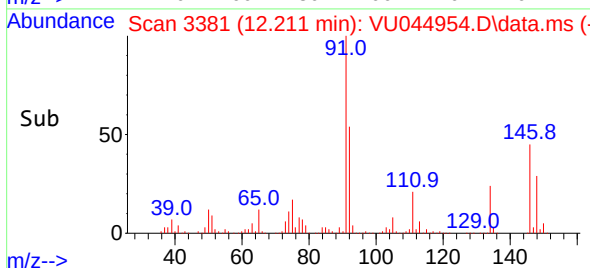
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

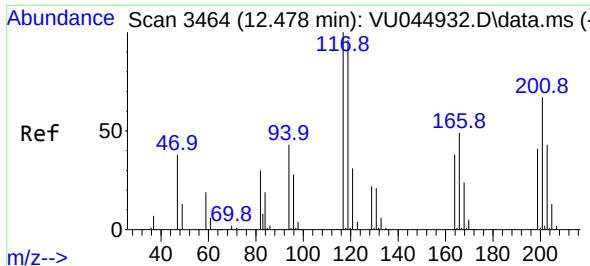


#89
n-Butylbenzene
Concen: 50.920 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



Tgt Ion: 91 Resp: 420483
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 23.7 11.8 35.4





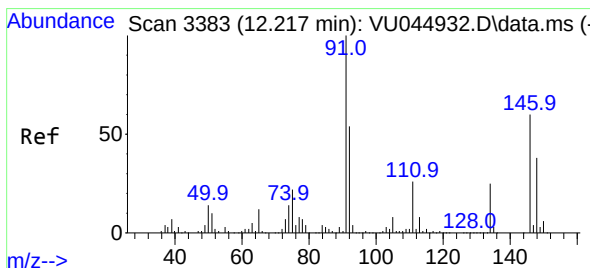
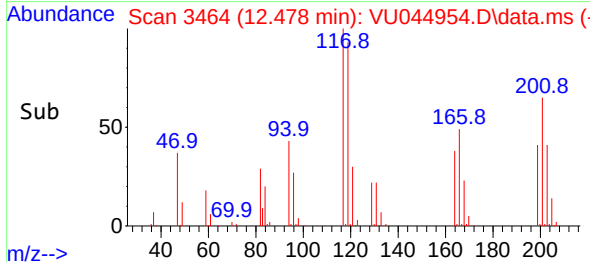
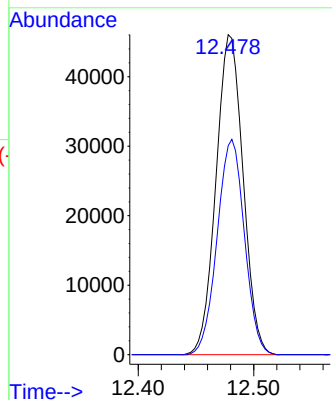
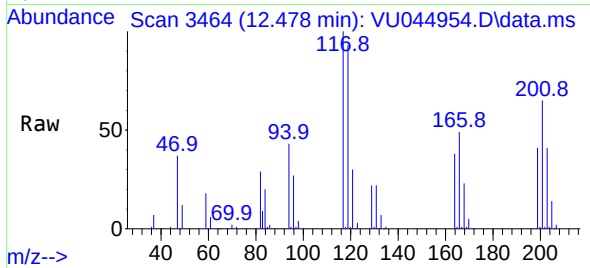
#90
Hexachloroethane
Concen: 46.348 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 7503
Ion Ratio Lower Upper
117 100
201 67.7 34.8 104.3

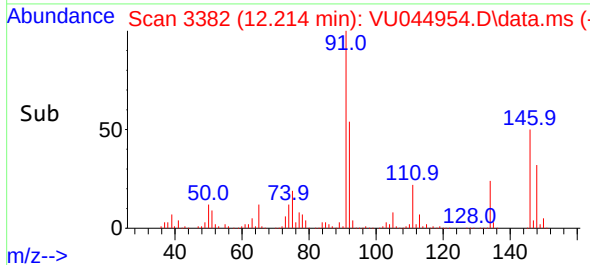
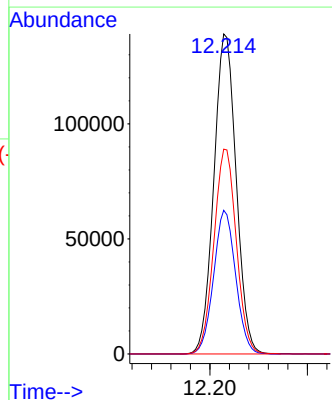
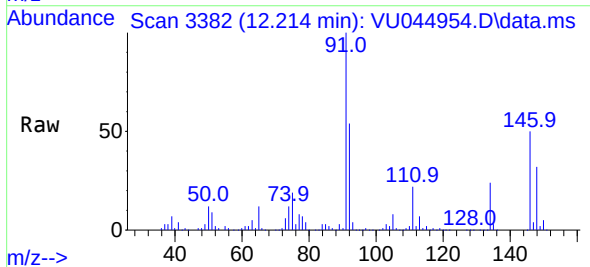
Manual Integrations
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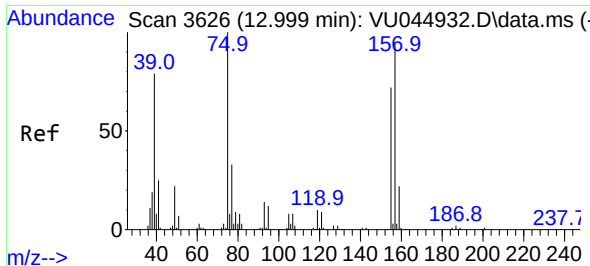
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#91
1,2-Dichlorobenzene
Concen: 46.123 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

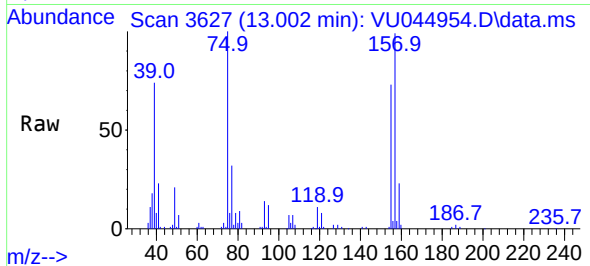
Tgt Ion:146 Resp: 221452
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.3
148 64.2 31.8 95.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.355 ug/l
 RT: 13.002 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU044954.D
 Acq: 28 Sep 2021 20:15

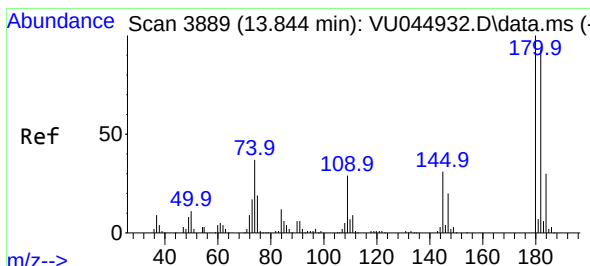
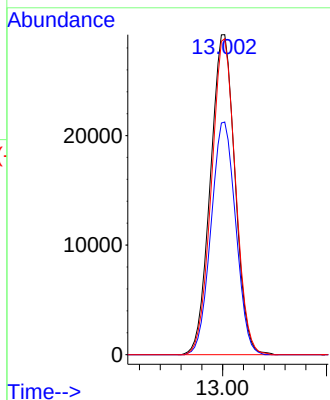
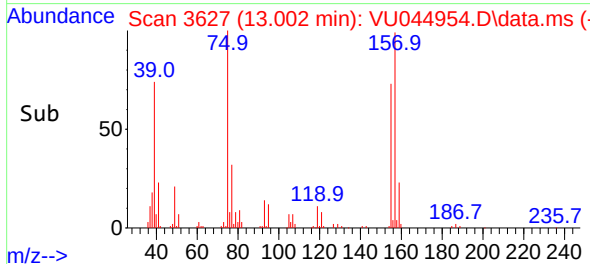
Instrument :
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 ClientSampleId :
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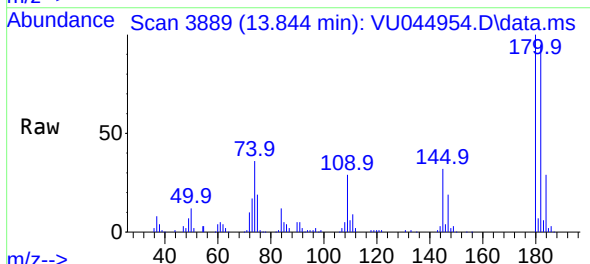
Tgt Ion: 75 Resp: 4806
 Ion Ratio Lower Upper
 75 100
 155 72.8 36.9 110.6
 157 96.0 47.8 143.3

Manual Integrations
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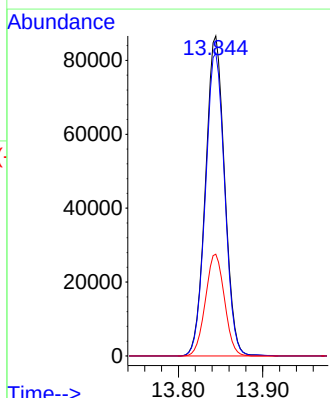
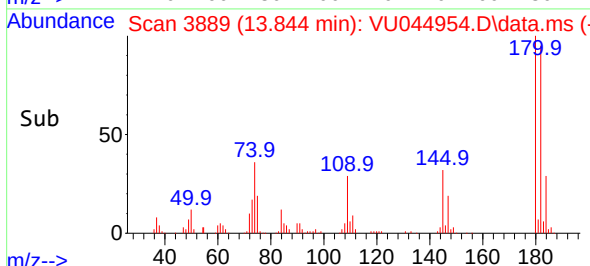
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

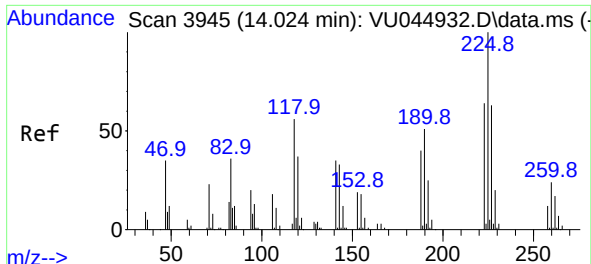


#93
 1,2,4-Trichlorobenzene
 Concen: 51.156 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044954.D
 Acq: 28 Sep 2021 20:15



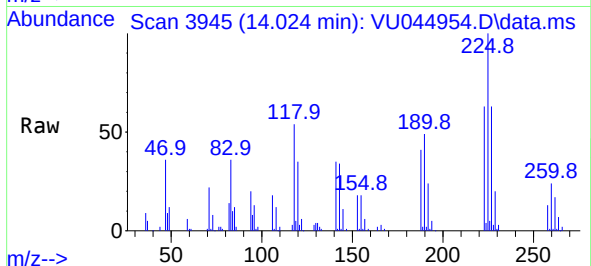
Tgt Ion:180 Resp: 136878
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.3
 145 31.7 15.4 46.2





#94
Hexachlorobutadiene
Concen: 46.770 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15

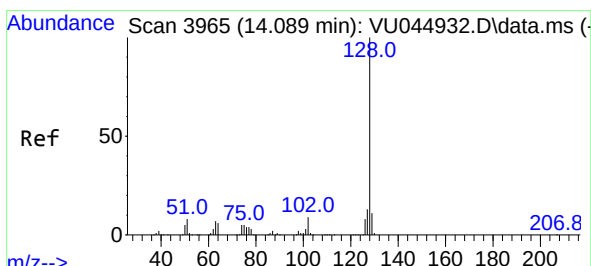
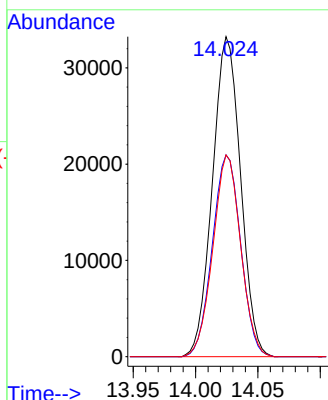
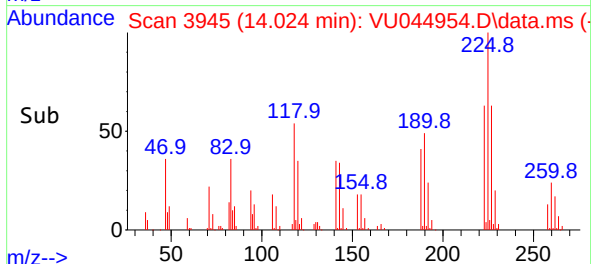
Instrument :
MSVOA_U
ClientSampleId :
MW202D-20210918MS



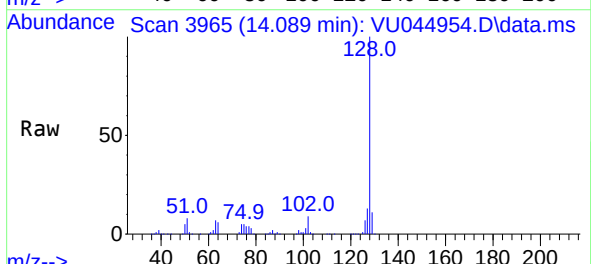
Tgt Ion:225 Resp: 52240
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.3
227 62.3 31.4 94.3

Manual Integrations
APPROVED

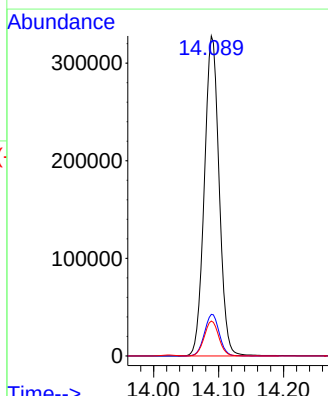
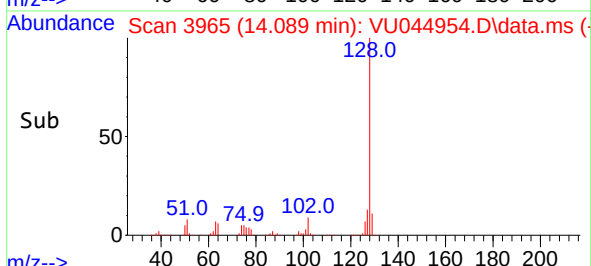
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

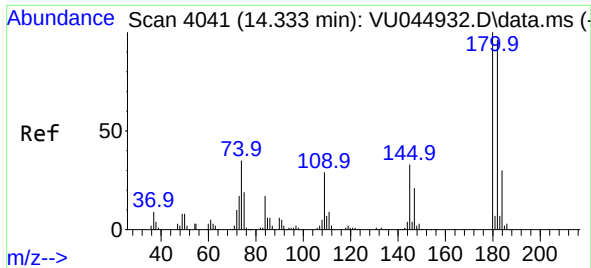


#95
Naphthalene
Concen: 51.569 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044954.D
Acq: 28 Sep 2021 20:15



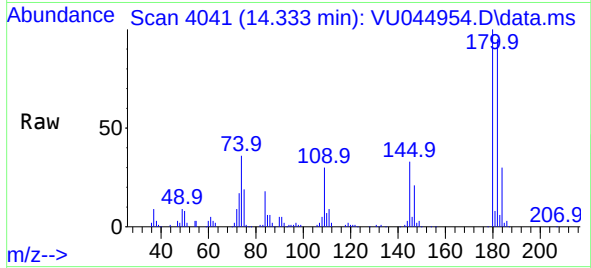
Tgt Ion:128 Resp: 518975
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.844 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU044954.D
 Acq: 28 Sep 2021 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 MW202D-20210918MS



Tgt Ion:180 Resp: 136629
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.1 141.4
 145 33.3 16.4 49.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

