

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092821\
 Data File : U044952.D
 Acq On : 28 Sep 2021 19:28
 Operator : SY/MD
 Sample : M3829-11MS 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MS

Quant Time: Sep 29 05:47:08 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	156063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	284211	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	274047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	140919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	133187	51.268	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.540%			
35) Dibromofluoromethane	5.295	113	94732	52.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	7.902	98	372765	52.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.240%			
62) 4-Bromofluorobenzene	10.636	95	145500	49.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	92311	47.766	ug/l	98
3) Chloromethane	1.523	50	112833	45.075	ug/l	99
4) Vinyl Chloride	1.607	62	123840	49.546	ug/l	100
5) Bromomethane	1.848	94	84098	85.776	ug/l	100
6) Chloroethane	1.932	64	81964	42.687	ug/l	100
7) Trichlorofluoromethane	2.141	101	161446	48.911	ug/l	99
8) Diethyl Ether	2.382	74	73607	48.659	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	91796	48.900	ug/l	99
10) Methyl Iodide	2.726	142	80402	40.129	ug/l	98
11) Tert butyl alcohol	3.182	59	133136	178.562	ug/l	100
12) 1,1-Dichloroethene	2.581	96	91652	49.533	ug/l	95
13) Acrolein	2.488	56	32919	226.735	ug/l	98
14) Allyl chloride	2.928	41	161333	47.115	ug/l	94
15) Acrylonitrile	3.317	53	345105	229.504	ug/l	99
16) Acetone	2.626	43	288513	187.098	ug/l	98
17) Carbon Disulfide	2.797	76	256824	47.019	ug/l	100
18) Methyl Acetate	2.951	43	207645	46.073	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	343520	48.094	ug/l	99
20) Methylene Chloride	3.051	84	110628	47.630	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	97856	48.345	ug/l	96
22) Diisopropyl ether	3.999	45	327944	46.909	ug/l	96
23) Vinyl Acetate	3.961	43	1384590	243.515	ug/l	98
24) 1,1-Dichloroethane	3.874	63	195778	48.782	ug/l	100
25) 2-Butanone	4.703	43	469610	214.348	ug/l	98
26) 2,2-Dichloropropane	4.671	77	150611	44.388	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	115951	48.503	ug/l	99
28) Bromochloromethane	4.980	49	83472	50.181	ug/l	95
29) Tetrahydrofuran	5.054	42	301575	231.237	ug/l	95
30) Chloroform	5.092	83	194291	48.033	ug/l	99
31) Cyclohexane	5.395	56	175906	44.576	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	161175	48.292	ug/l	99
36) 1,1-Dichloropropene	5.533	75	143849	48.399	ug/l	99
37) Ethyl Acetate	4.806	43	181415	46.132	ug/l	99
38) Carbon Tetrachloride	5.530	117	128298	49.885	ug/l	99
39) Methylcyclohexane	6.768	83	175063	47.979	ug/l	95
40) Benzene	5.780	78	422765	47.758	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044952.D
 Acq On : 28 Sep 2021 19:28
 Operator : SY/MD
 Sample : M3829-11MS 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MS

Quant Time: Sep 29 05:47:08 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)
41) Methacrylonitrile	4.977	41	95615	47.229	ug/l	96
42) 1,2-Dichloroethane	5.800	62	165938	47.693	ug/l	99
43) Isopropyl Acetate	5.915	43	270285	45.685	ug/l	98
44) Trichloroethene	6.546	130	430562	206.296	ug/l	97
45) 1,2-Dichloropropane	6.796	63	113006	48.151	ug/l	100
46) Dibromomethane	6.922	93	77378	48.942	ug/l	99
47) Bromodichloromethane	7.108	83	151521	49.359	ug/l	99
48) Methyl methacrylate	6.964	41	129156	44.850	ug/l	93
49) 1,4-Dioxane	6.967	88	42208	557.913	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	918133	213.166	ug/l	98
52) Toluene	7.973	92	267128	48.215	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	170731	48.636	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	180044	49.239	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	108869	47.161	ug/l	99
56) Ethyl methacrylate	8.337	69	184354	41.452	ug/l	98
57) 1,3-Dichloropropane	8.581	76	192571	46.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	5315	25.257	ug/l	99
59) 2-Hexanone	8.687	43	720100	205.307	ug/l	98
60) Dibromochloromethane	8.816	129	105928	43.570	ug/l	100
61) 1,2-Dibromoethane	8.928	107	117257	47.785	ug/l	99
64) Tetrachloroethene	8.555	164	87020	48.651	ug/l	99
65) Chlorobenzene	9.449	112	277942	48.375	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.539	131	94584	47.152	ug/l	99
67) Ethyl Benzene	9.574	91	519081	49.096	ug/l	99
68) m/p-Xylenes	9.697	106	396205	96.458	ug/l	99
69) o-Xylene	10.105	106	195221	47.888	ug/l	100
70) Styrene	10.118	104	326023	47.671	ug/l	99
71) Bromoform	10.295	173	77821	40.679	ug/l #	99
73) Isopropylbenzene	10.488	105	505426	48.163	ug/l	99
74) N-amyl acetate	10.324	43	231647	43.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	193022	42.510	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	182255m	44.341	ug/l	
77) Bromobenzene	10.787	156	115139	45.437	ug/l	99
78) n-propylbenzene	10.909	91	619978	48.480	ug/l	100
79) 2-Chlorotoluene	10.989	91	362230	45.188	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	435385	47.359	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	59183	39.958	ug/l	98
82) 4-Chlorotoluene	11.099	91	421854	46.559	ug/l	100
83) tert-Butylbenzene	11.423	119	409561	45.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	432668	47.572	ug/l	100
85) sec-Butylbenzene	11.648	105	551017	47.850	ug/l	100
86) p-Isopropyltoluene	11.796	119	453753	48.985	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	219633	45.260	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	221234	44.566	ug/l	99
89) n-Butylbenzene	12.211	91	423206	49.604	ug/l	100
90) Hexachloroethane	12.481	117	76772	45.897	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	221021	44.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	47377	44.221	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	131899	47.711	ug/l	99
94) Hexachlorobutadiene	14.024	225	52578	45.561	ug/l	97
95) Naphthalene	14.089	128	480524	46.215	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	131477	47.355	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044952.D
Acq On : 28 Sep 2021 19:28
Operator : SY/MD
Sample : M3829-11MS 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Manual Integrations
APPROVED

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

Quant Time: Sep 29 05:47:08 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

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

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

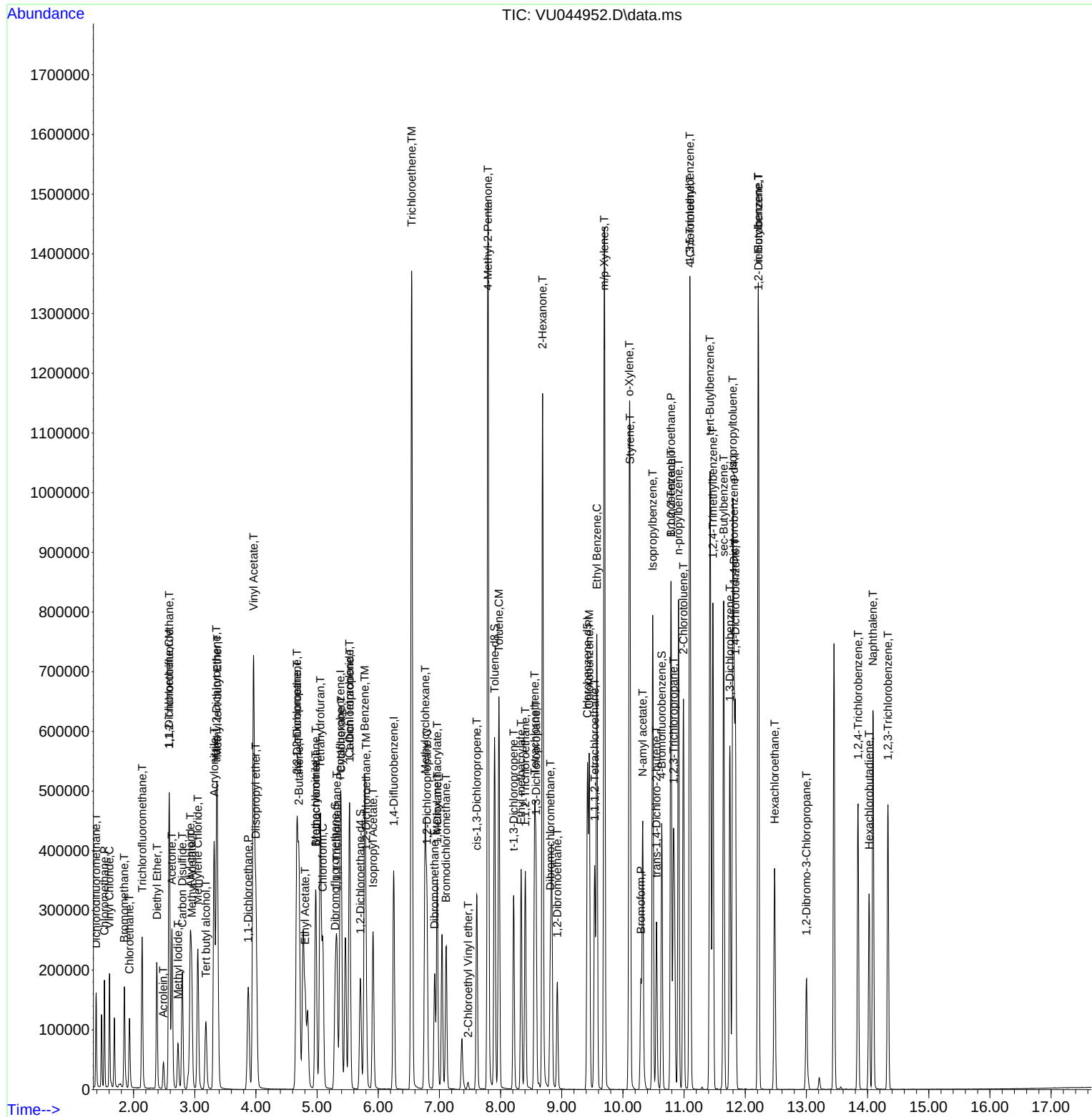
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044952.D
Acq On : 28 Sep 2021 19:28
Operator : SY/MD
Sample : M3829-11MS 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

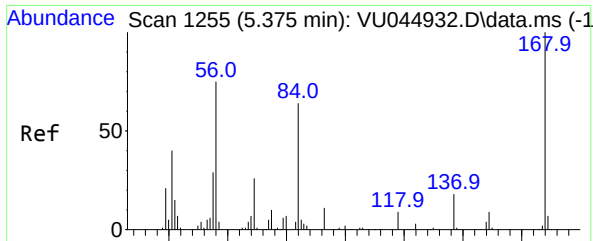
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Quant Time: Sep 29 05:47:08 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

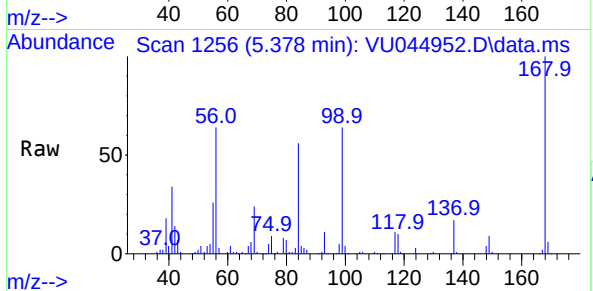
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

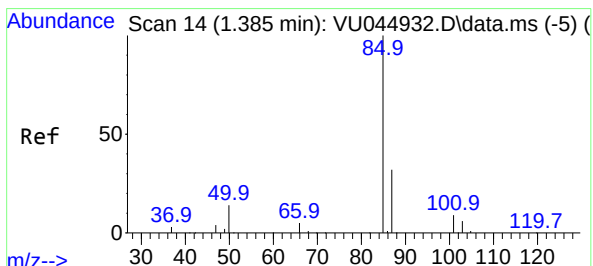
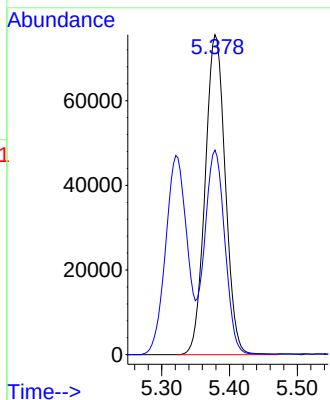
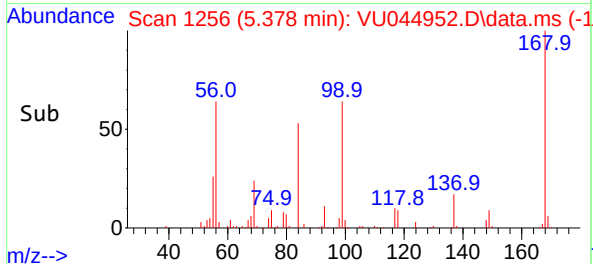
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion:168 Resp: 15606
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0

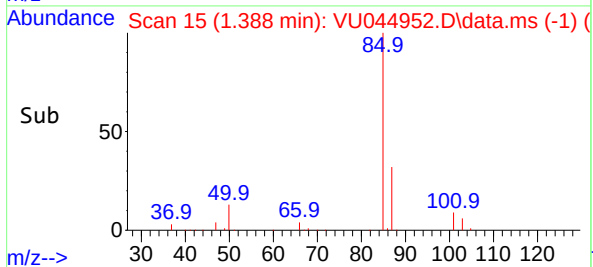
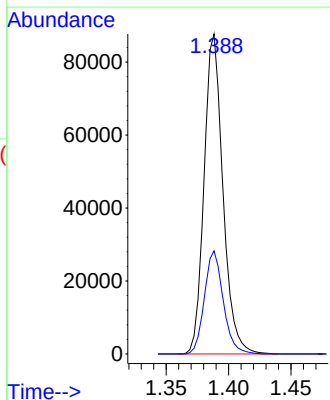
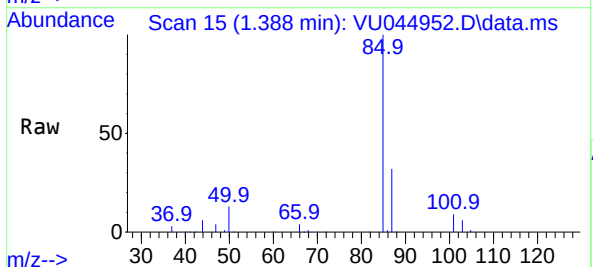
Manual Integrations
APPROVED

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

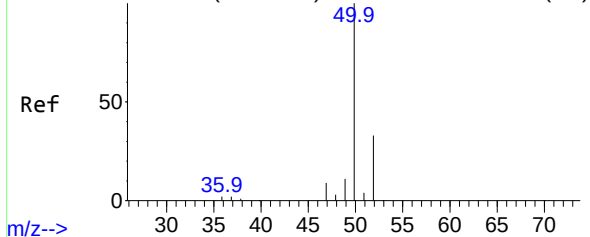


#2
Dichlorodifluoromethane
Concen: 47.766 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 85 Resp: 92311
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0



Abundance Scan 56 (1.520 min): VU044932.D\data.ms (-47)



#3

Chloromethane

Concen: 45.075 ug/l

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 50 Resp: 11283

Ion Ratio Lower Upper

50 100

52 33.7 26.3 39.5

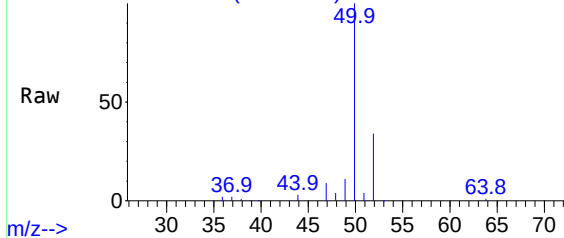
Manual Integrations

APPROVED

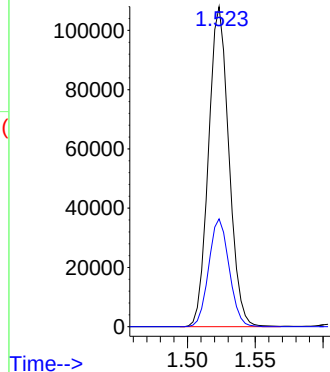
Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021

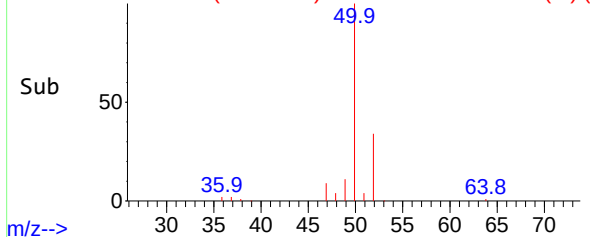
Abundance Scan 57 (1.523 min): VU044952.D\data.ms



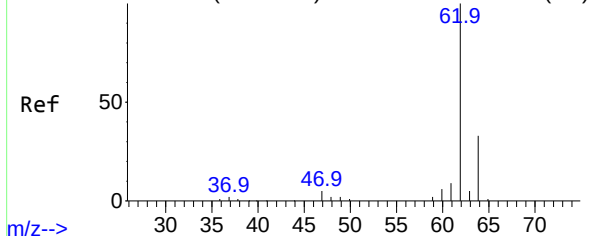
Abundance



Abundance Scan 57 (1.523 min): VU044952.D\data.ms (-1) (



Abundance Scan 83 (1.607 min): VU044932.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 49.546 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

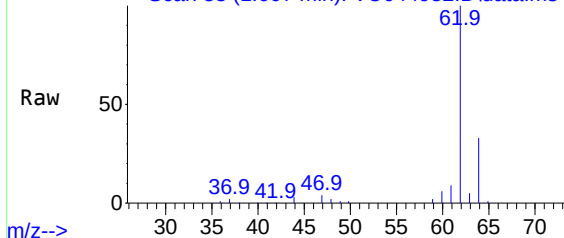
Tgt Ion: 62 Resp: 123840

Ion Ratio Lower Upper

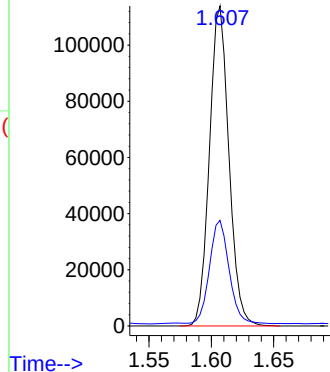
62 100

64 32.2 25.6 38.4

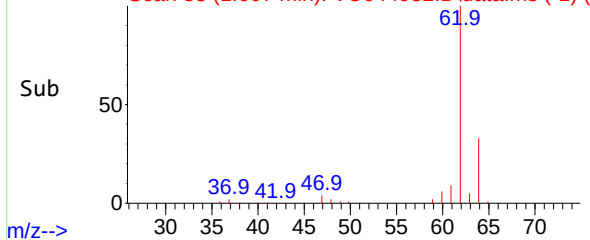
Abundance Scan 83 (1.607 min): VU044952.D\data.ms

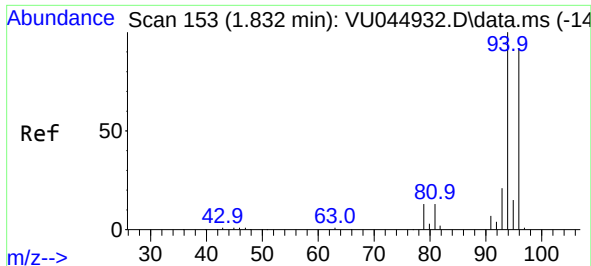


Abundance



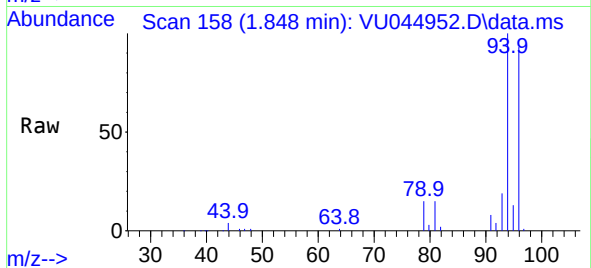
Abundance Scan 83 (1.607 min): VU044952.D\data.ms (-1) (





#5
Bromomethane
Concen: 85.776 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

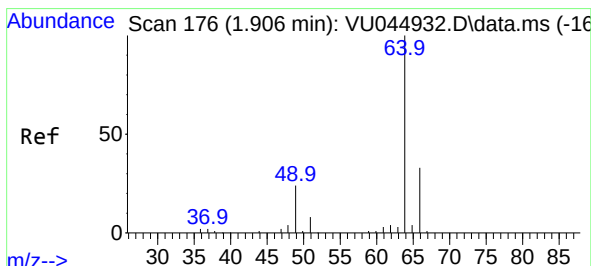
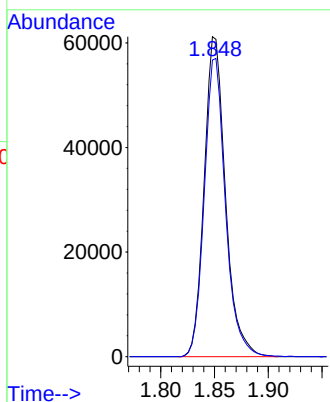
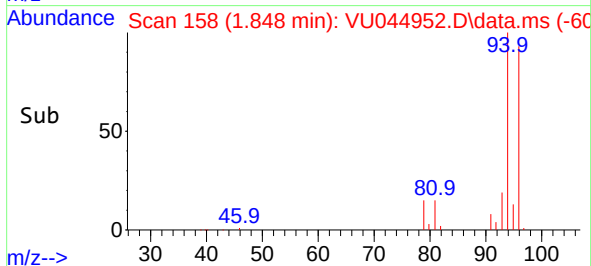
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 94 Resp: 84098
Ion Ratio Lower Upper
94 100
96 92.7 74.5 111.7

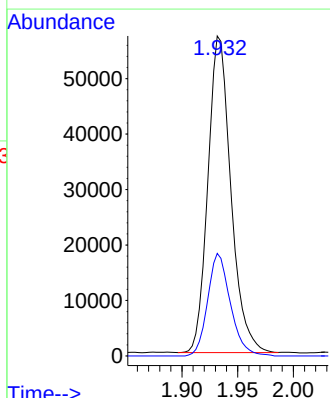
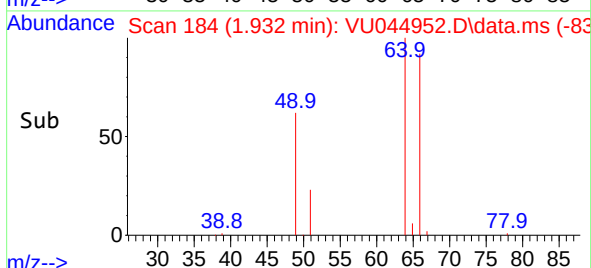
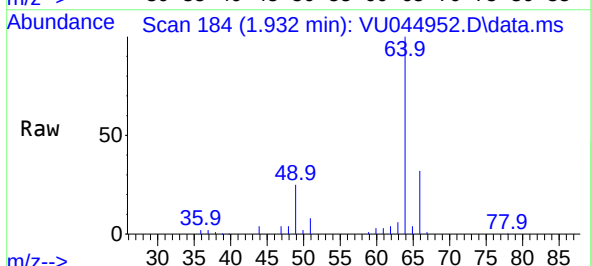
Manual Integrations
APPROVED

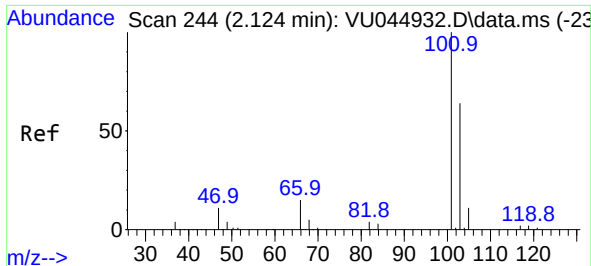
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#6
Chloroethane
Concen: 42.687 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.026 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

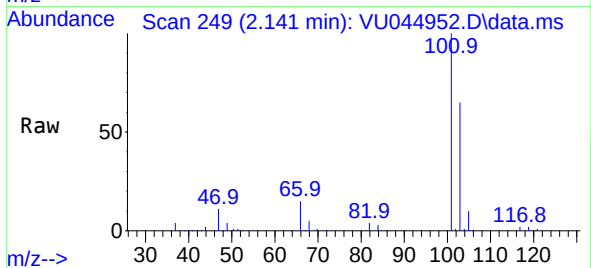
Tgt Ion: 64 Resp: 81964
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 48.911 ug/l
 RT: 2.141 min Scan# 24
 Delta R.T. 0.017 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28

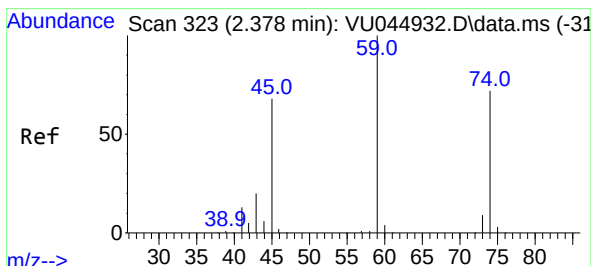
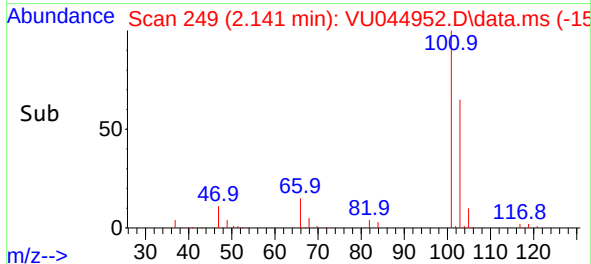
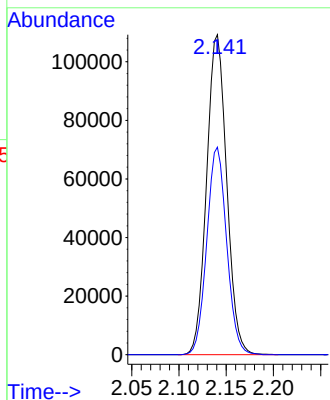
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MS



Tgt Ion:101 Resp: 161440
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8

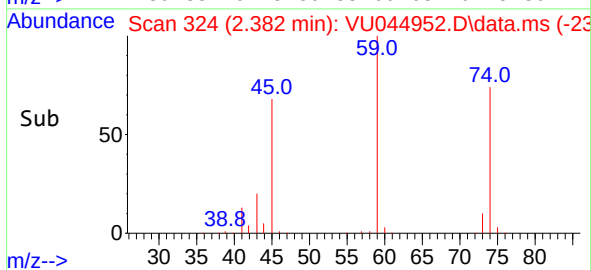
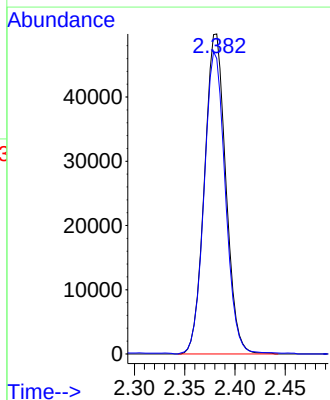
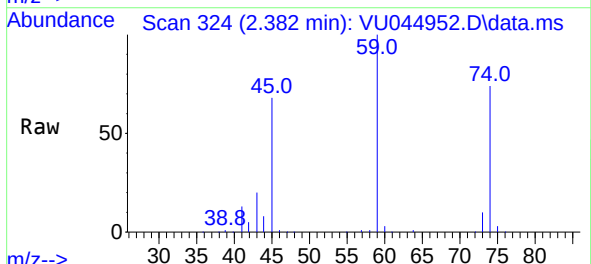
Manual Integrations
 APPROVED

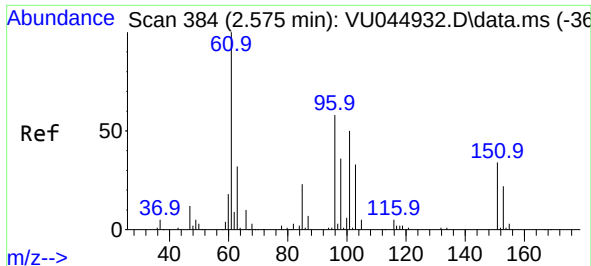
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#8
 Diethyl Ether
 Concen: 48.659 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.004 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28

Tgt Ion: 74 Resp: 73607
 Ion Ratio Lower Upper
 74 100
 45 93.9 52.2 156.6





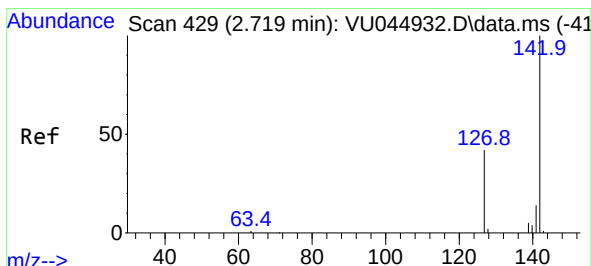
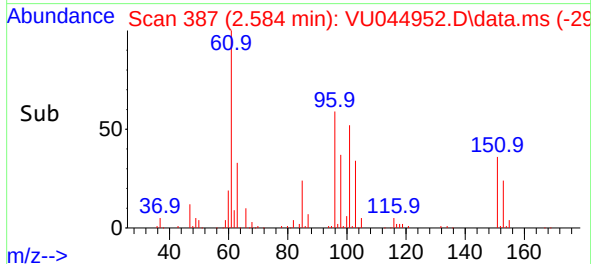
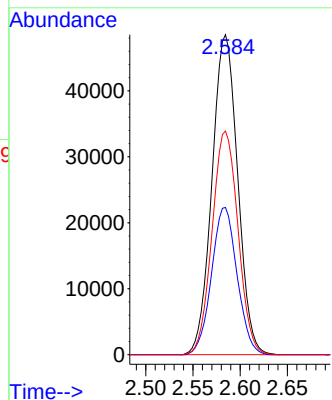
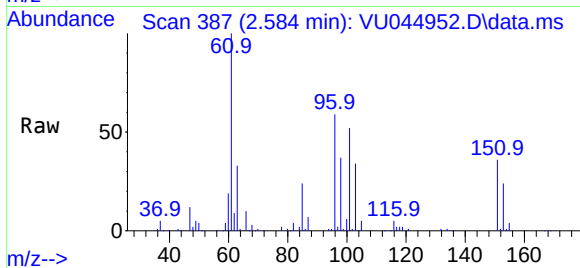
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.900 ug/l
RT: 2.584 min Scan# 384
Delta R.T. 0.009 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Tgt Ion:101 Resp: 91790
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 70.5 55.8 83.8

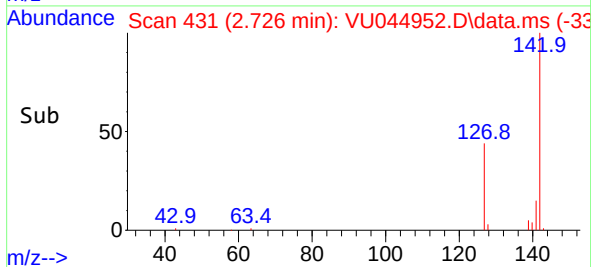
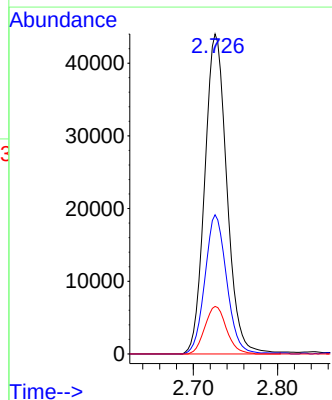
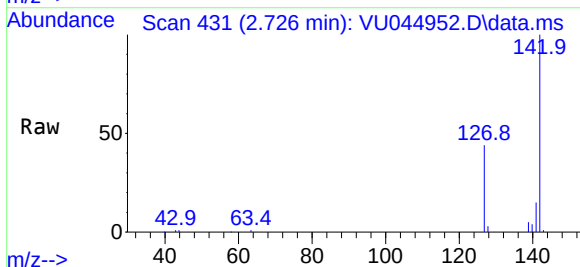
Manual Integrations
APPROVED

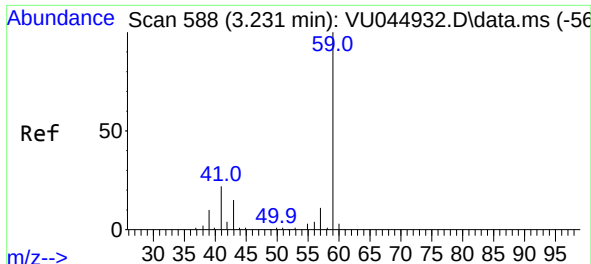
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 40.129 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

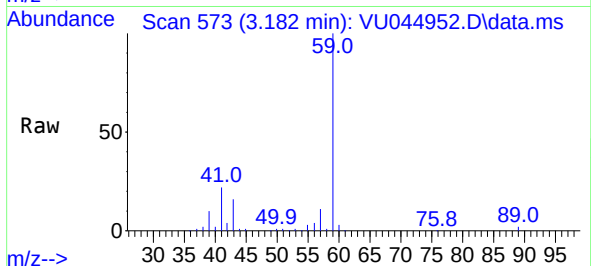
Tgt Ion:142 Resp: 80402
Ion Ratio Lower Upper
142 100
127 42.9 35.6 53.4
141 14.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 178.562 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.049 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

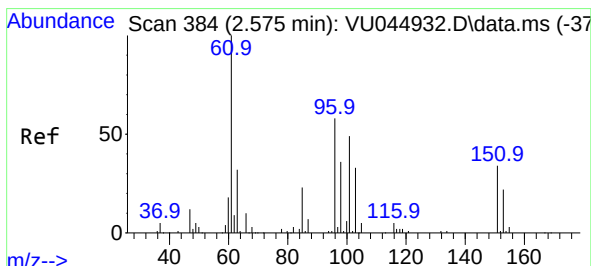
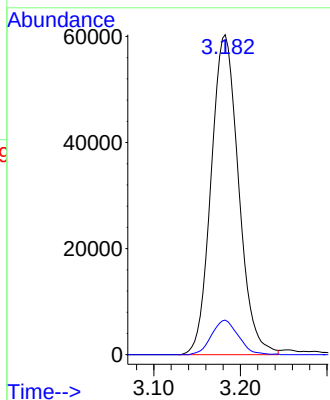
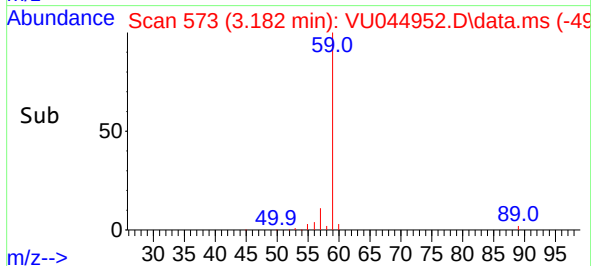
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 59 Resp: 133130
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

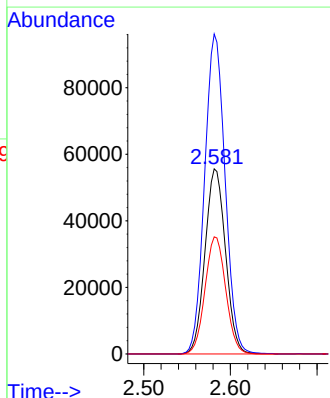
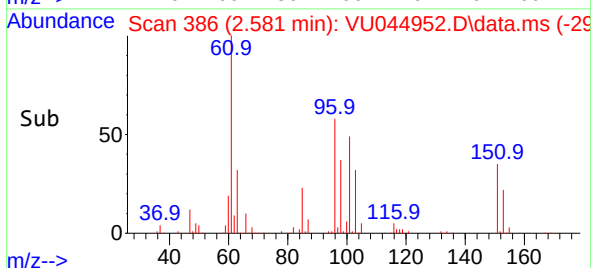
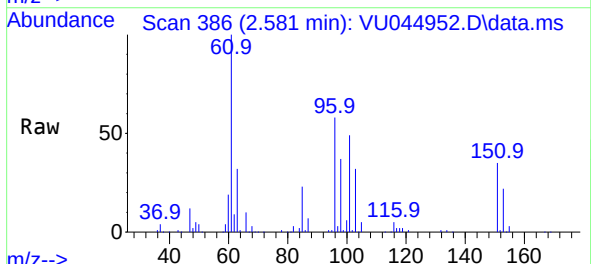
Manual Integrations
APPROVED

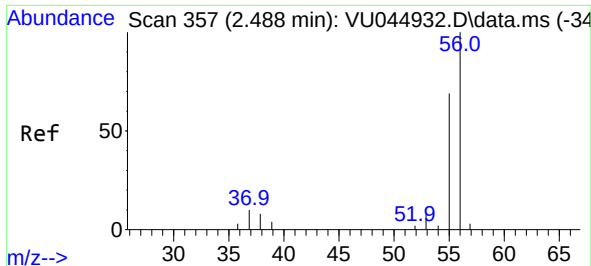
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 49.533 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

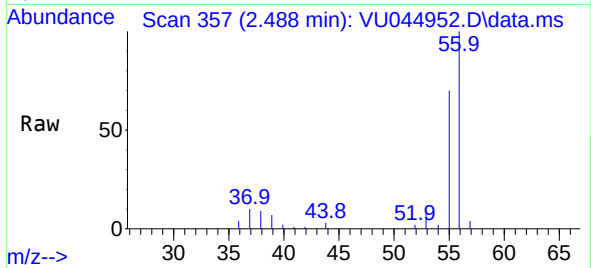
Tgt Ion: 96 Resp: 91652
Ion Ratio Lower Upper
96 100
61 172.9 145.4 218.0
98 63.2 50.9 76.3





#13
Acrolein
Concen: 226.735 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

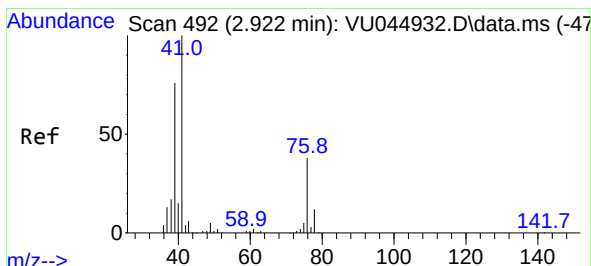
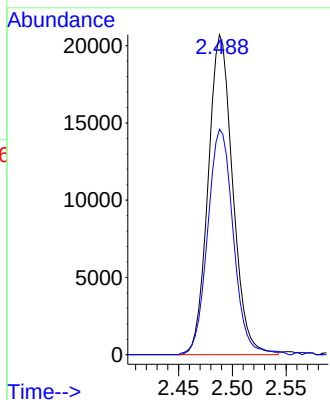
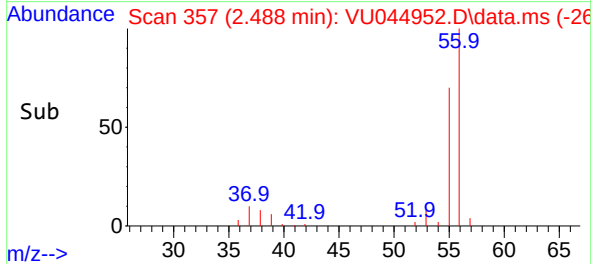
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



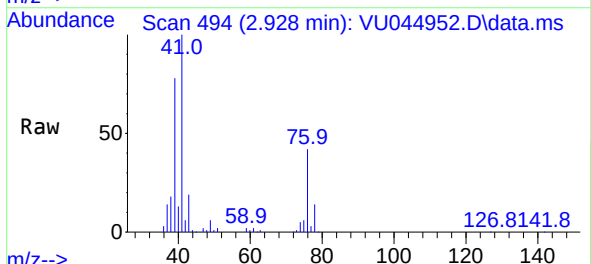
Tgt Ion: 56 Resp: 32919
Ion Ratio Lower Upper
56 100
55 73.7 57.4 86.0

Manual Integrations
APPROVED

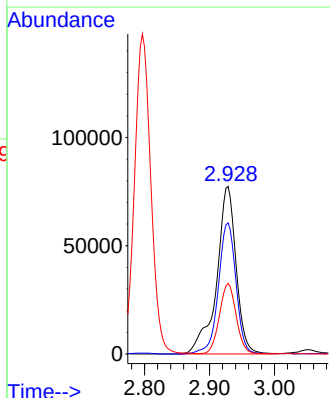
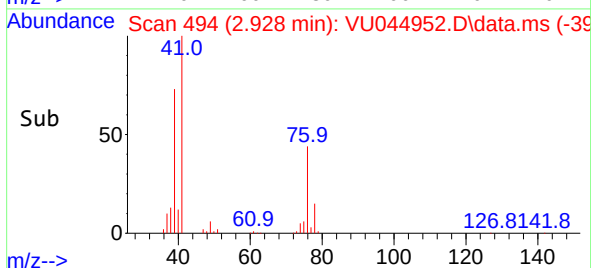
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

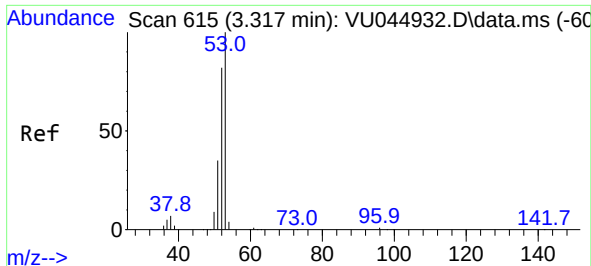


#14
Allyl chloride
Concen: 47.115 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



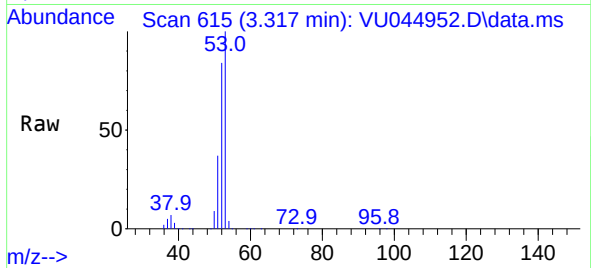
Tgt Ion: 41 Resp: 161333
Ion Ratio Lower Upper
41 100
39 70.5 53.0 79.6
76 35.7 25.7 38.5





#15
Acrylonitrile
Concen: 229.504 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

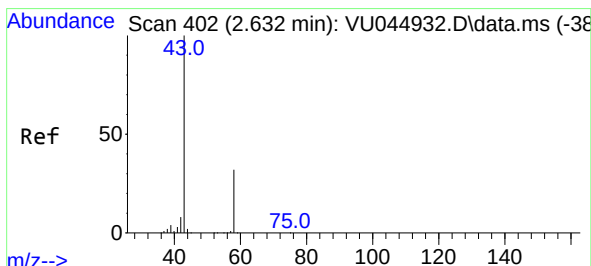
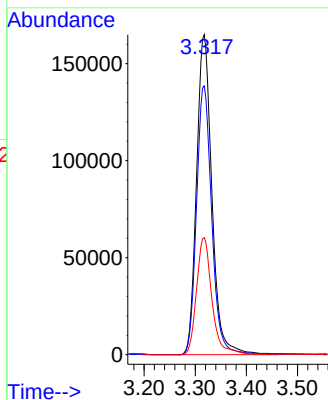
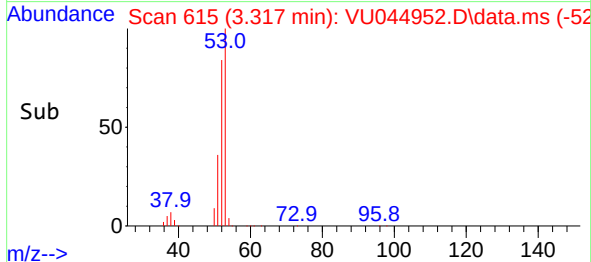
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 53 Resp: 34510
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.8 28.6 42.8

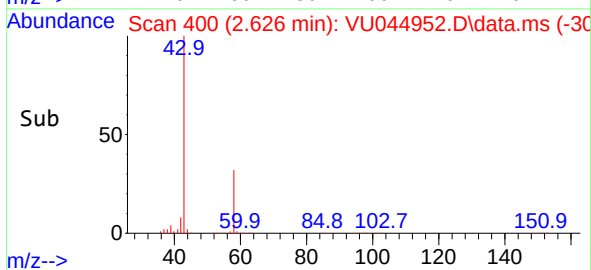
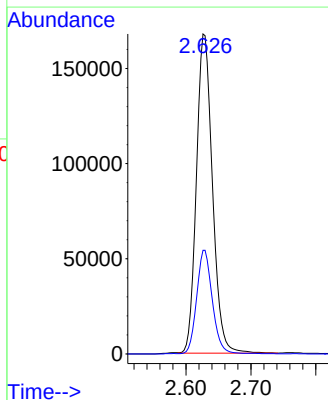
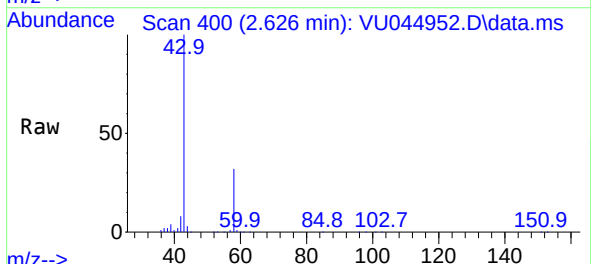
Manual Integrations
APPROVED

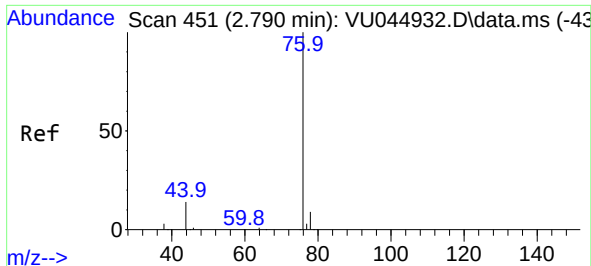
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#16
Acetone
Concen: 187.098 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

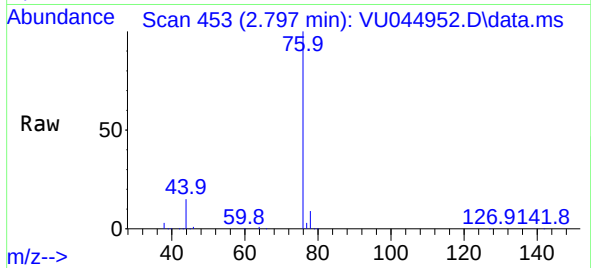
Tgt Ion: 43 Resp: 288513
Ion Ratio Lower Upper
43 100
58 32.4 25.2 37.8





#17
Carbon Disulfide
Concen: 47.019 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

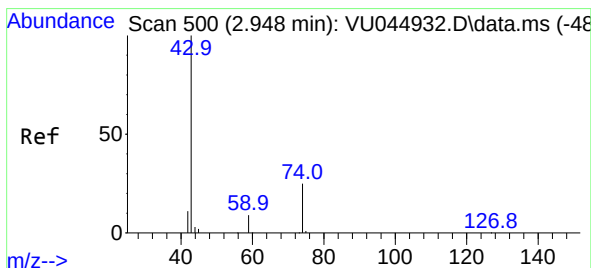
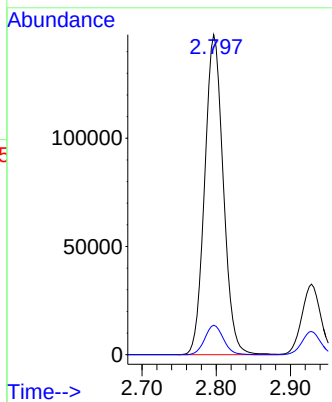
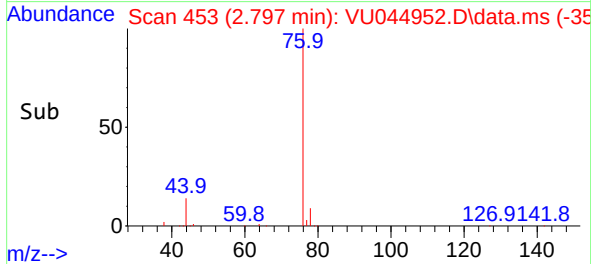
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



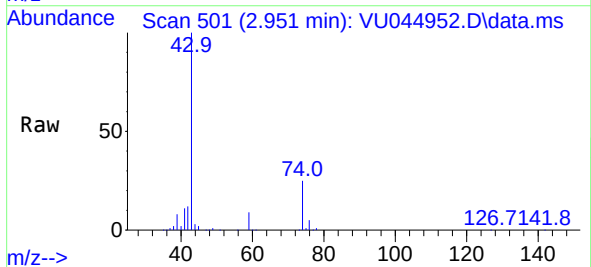
Tgt Ion: 76 Resp: 256824
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

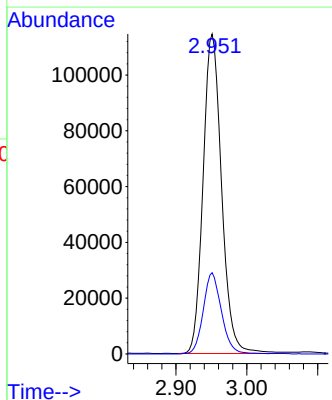
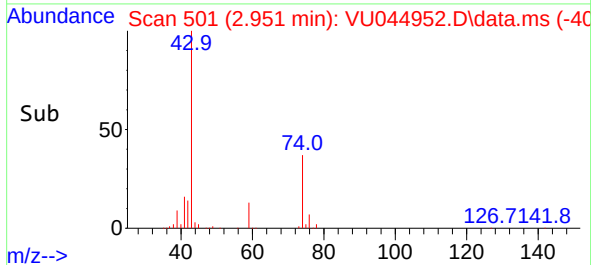
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

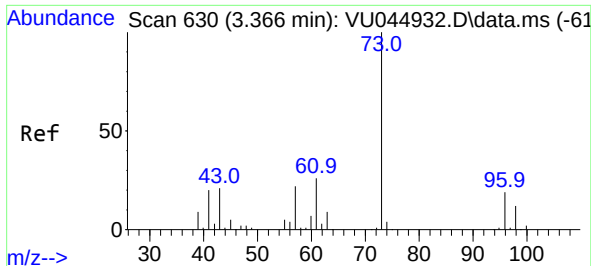


#18
Methyl Acetate
Concen: 46.073 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



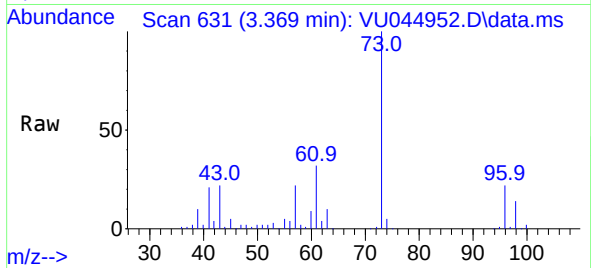
Tgt Ion: 43 Resp: 207645
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 48.094 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

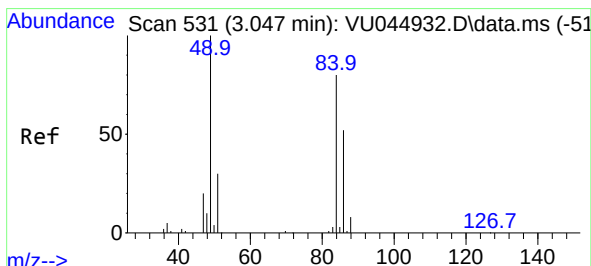
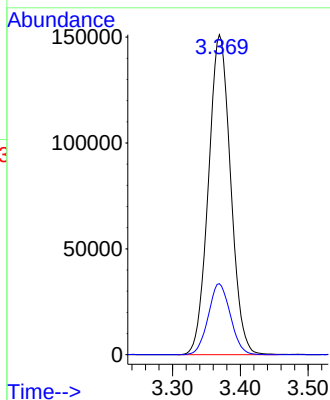
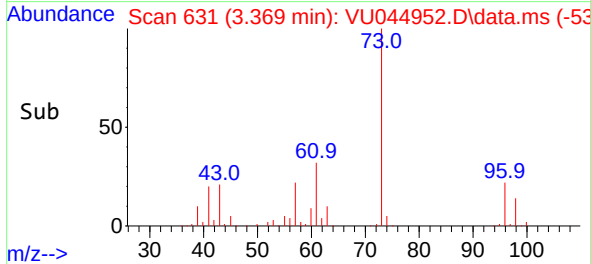
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 73 Resp: 343520
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

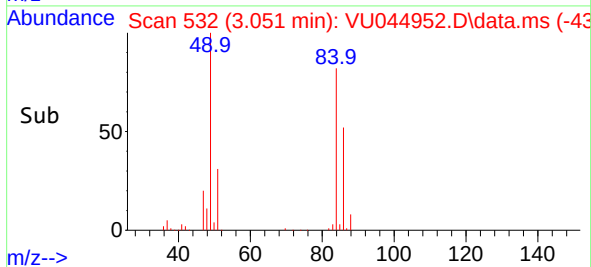
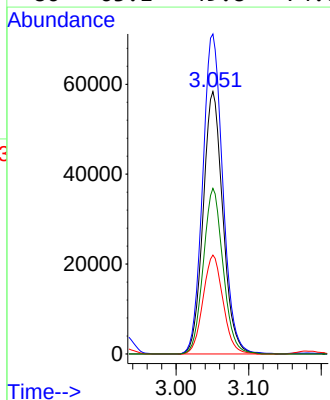
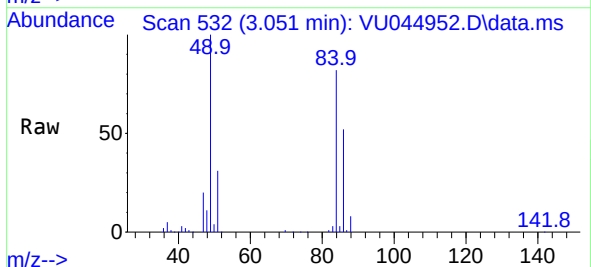
Manual Integrations
APPROVED

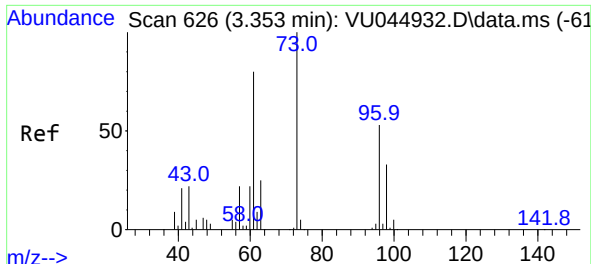
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 47.630 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

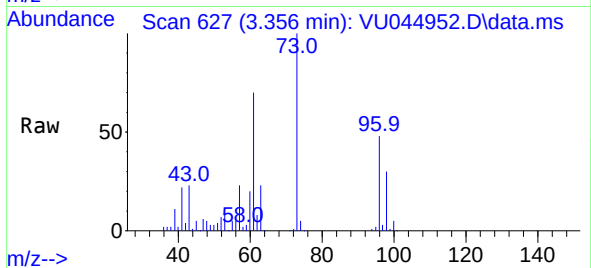
Tgt Ion: 84 Resp: 110628
Ion Ratio Lower Upper
84 100
49 121.9 104.9 157.3
51 37.7 31.8 47.8
86 63.1 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 48.345 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

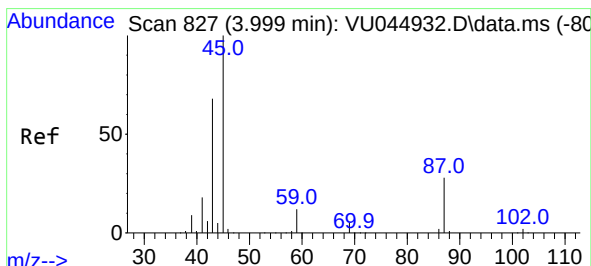
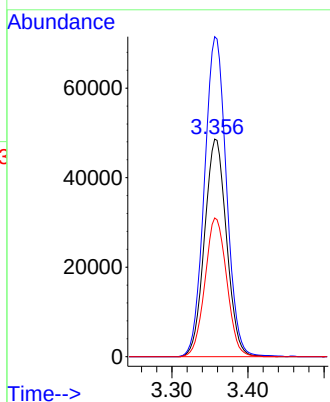
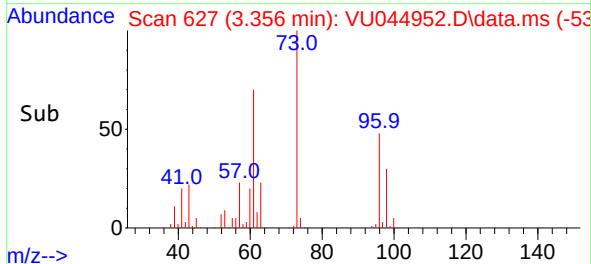
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 96 Resp: 97850
Ion Ratio Lower Upper
96 100
61 147.1 123.2 184.8
98 63.8 51.0 76.6

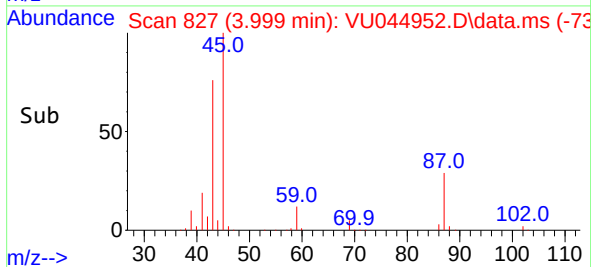
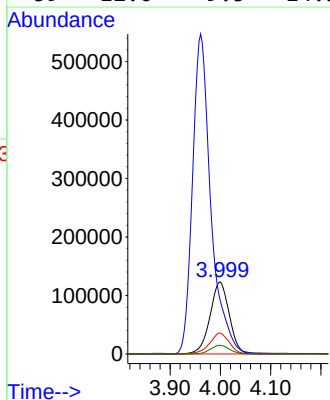
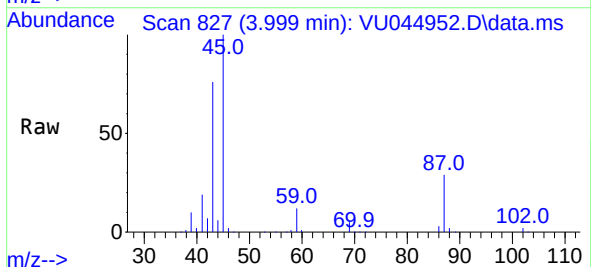
Manual Integrations
APPROVED

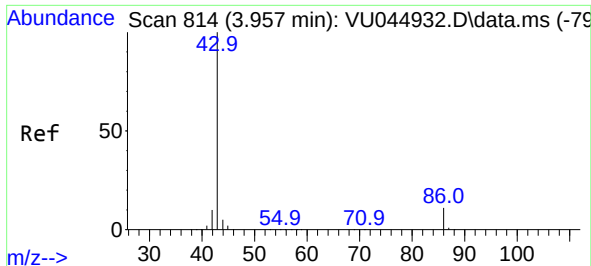
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#22
Diisopropyl ether
Concen: 46.909 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

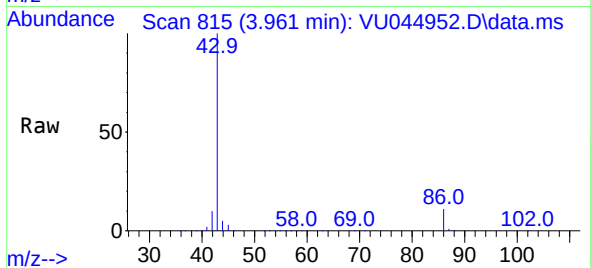
Tgt Ion: 45 Resp: 327944
Ion Ratio Lower Upper
45 100
43 74.9 62.3 93.5
87 29.1 21.0 31.4
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 243.515 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28

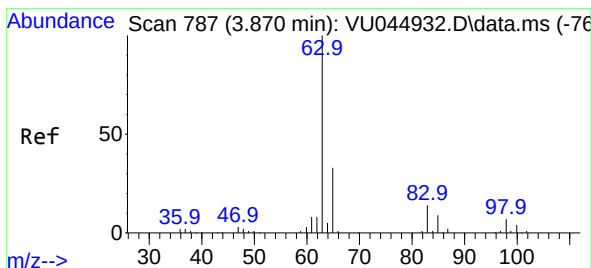
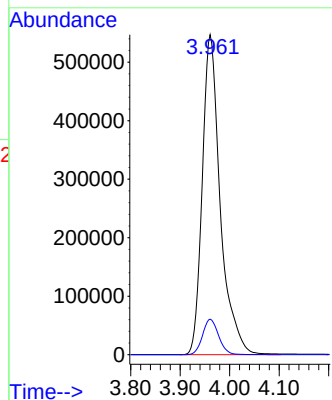
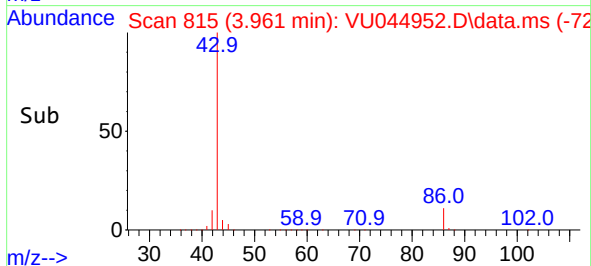
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MS



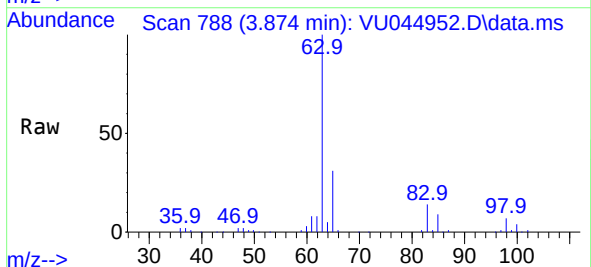
Tgt Ion: 43 Resp: 1384590
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4

Manual Integrations
 APPROVED

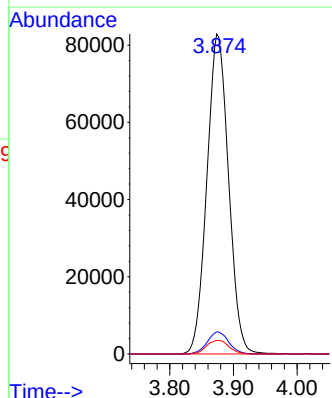
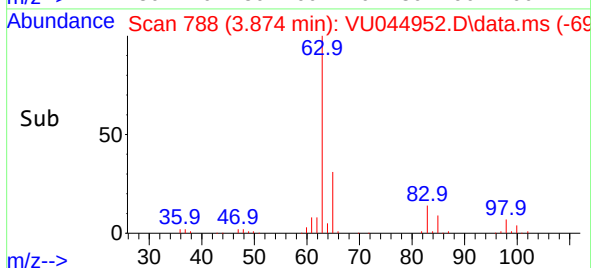
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

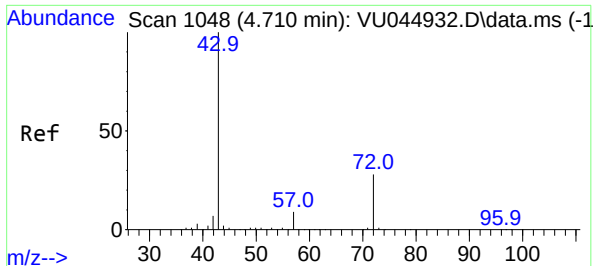


#24
 1,1-Dichloroethane
 Concen: 48.782 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28



Tgt Ion: 63 Resp: 195778
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.2 2.1 6.3





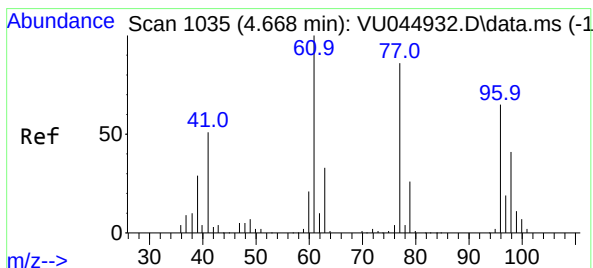
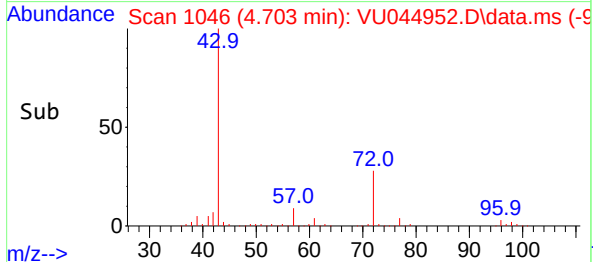
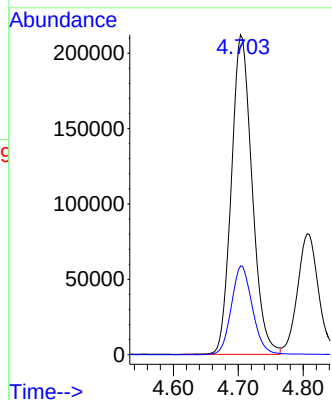
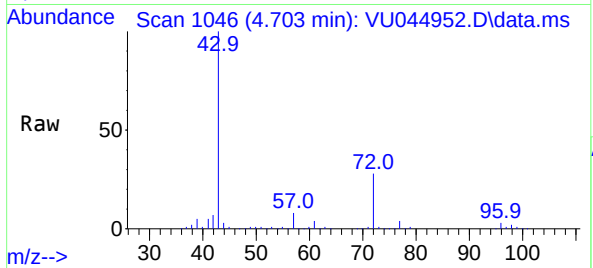
#25
2-Butanone
Concen: 214.348 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Tgt Ion: 43 Resp: 469610
Ion Ratio Lower Upper
43 100
72 27.8 21.3 31.9

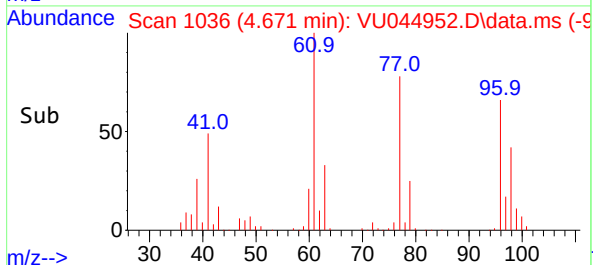
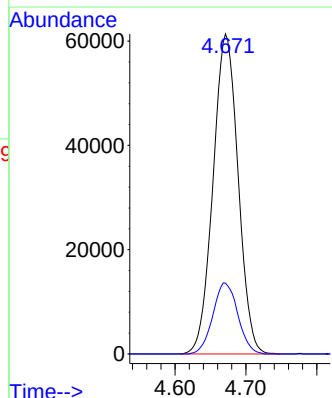
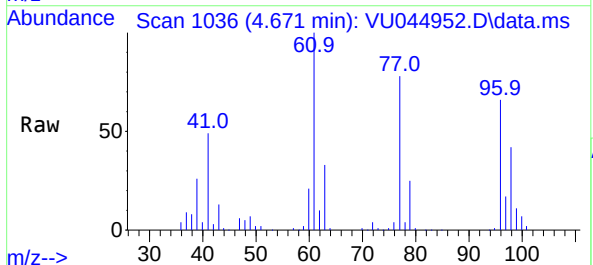
Manual Integrations
APPROVED

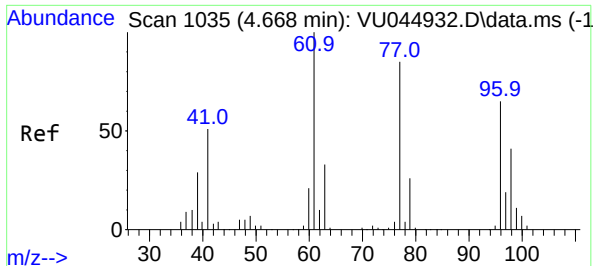
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 44.388 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

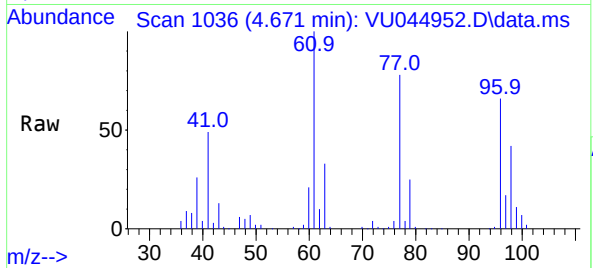
Tgt Ion: 77 Resp: 150611
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 48.503 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

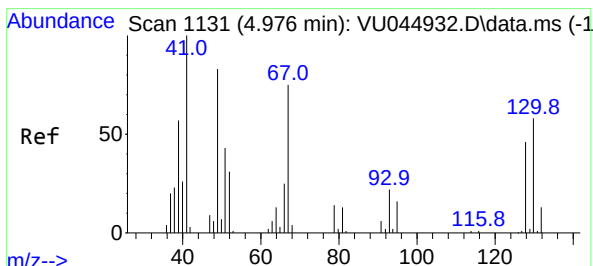
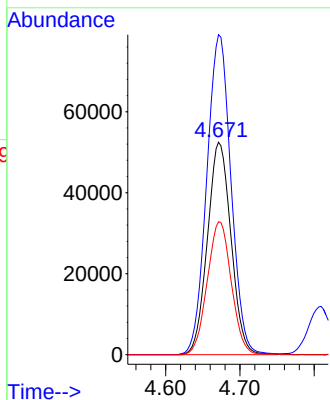
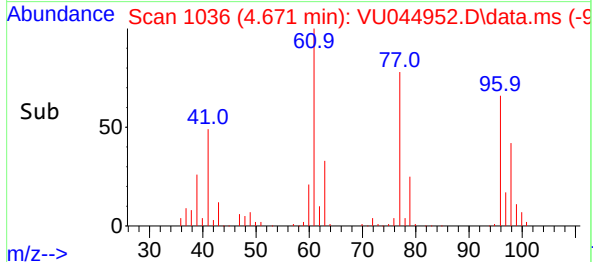
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



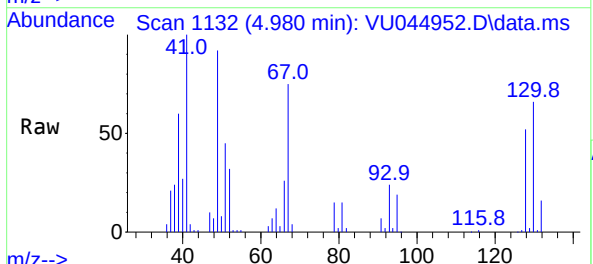
Tgt Ion: 96 Resp: 11595
Ion Ratio Lower Upper
96 100
61 154.5 0.0 313.4
98 63.6 0.0 127.0

Manual Integrations
APPROVED

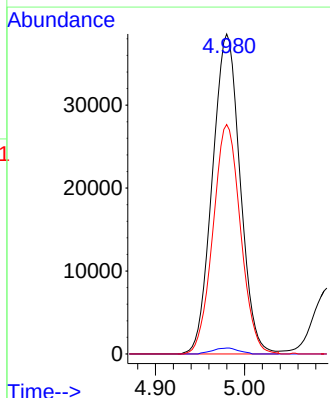
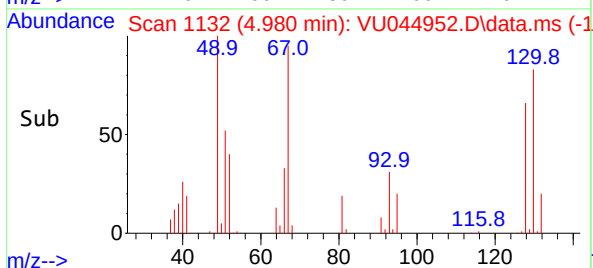
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

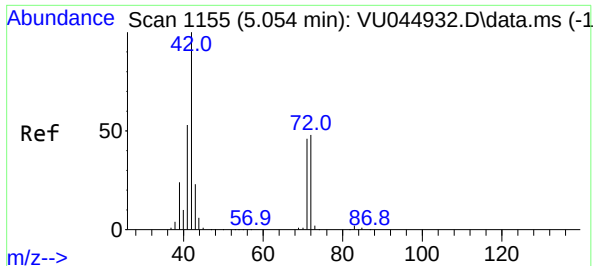


#28
Bromochloromethane
Concen: 50.181 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



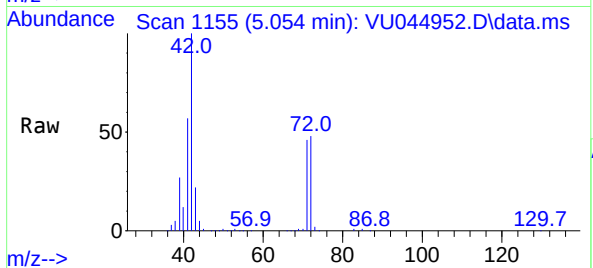
Tgt Ion: 49 Resp: 83472
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 71.2 53.4 80.2





#29
Tetrahydrofuran
Concen: 231.237 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

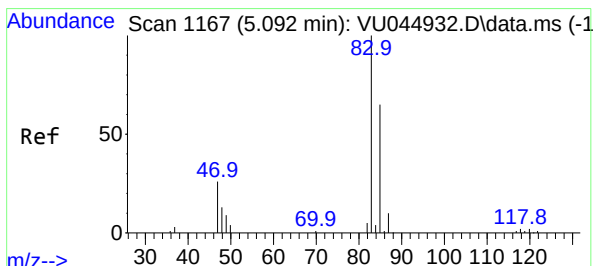
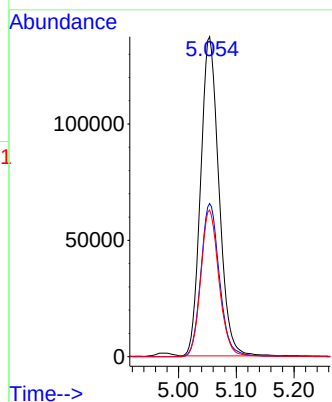
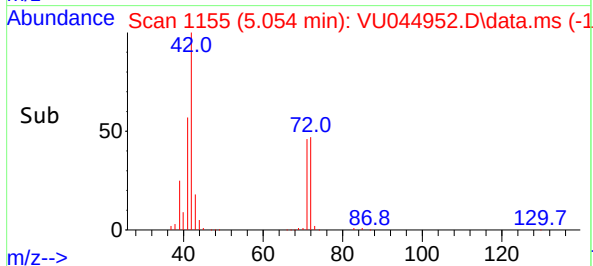
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 42 Resp: 30157
Ion Ratio Lower Upper
42 100
72 48.9 36.2 54.4
71 45.8 34.1 51.1

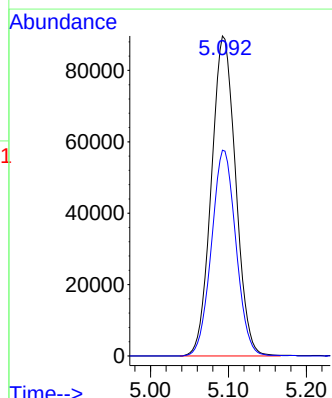
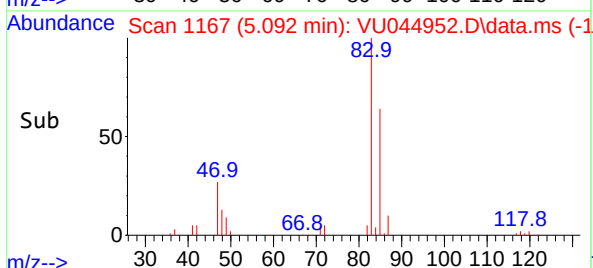
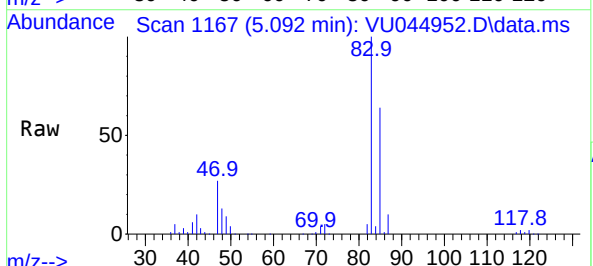
Manual Integrations
APPROVED

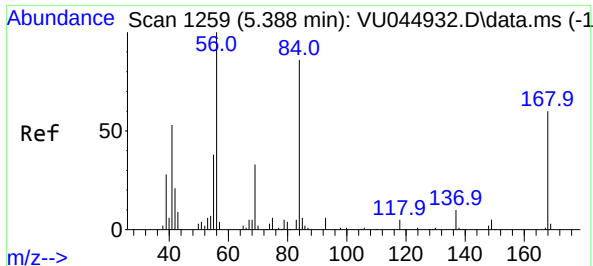
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#30
Chloroform
Concen: 48.033 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 83 Resp: 194291
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1





#31

Cyclohexane

Concen: 44.576 ug/l

RT: 5.395 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 56 Resp: 175900

Ion Ratio Lower Upper

56 100

69 32.5 25.2 37.8

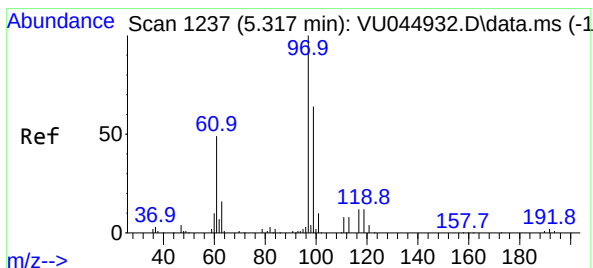
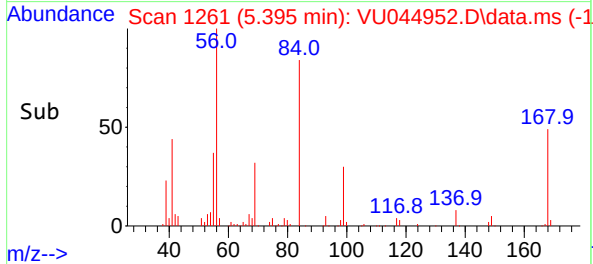
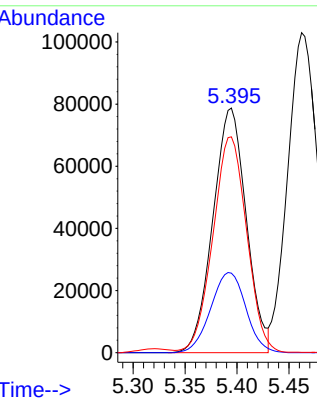
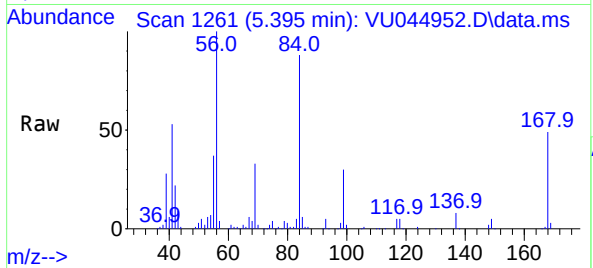
84 87.1 66.4 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#32

1,1,1-Trichloroethane

Concen: 48.292 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.004 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

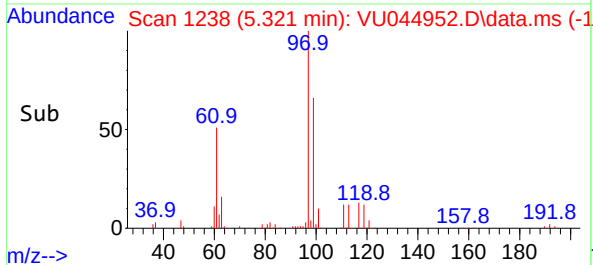
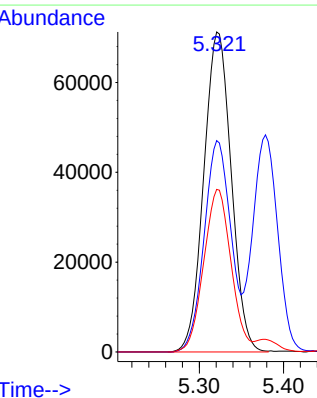
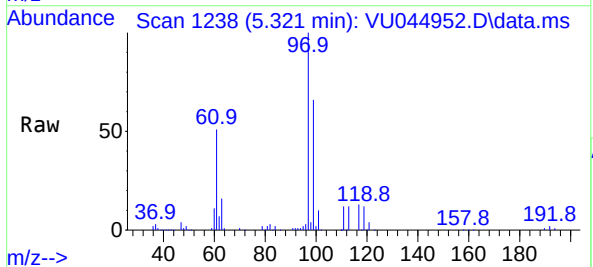
Tgt Ion: 97 Resp: 161175

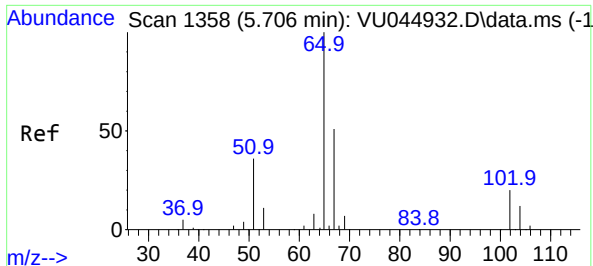
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 50.6 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 51.268 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 65 Resp: 13318

Ion Ratio Lower Upper

65 100

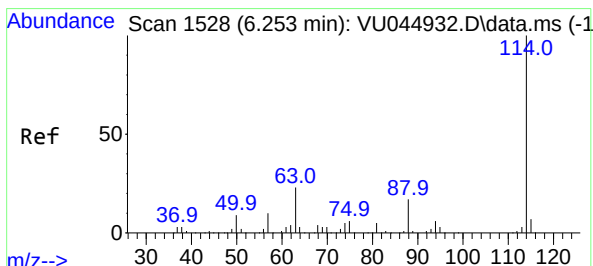
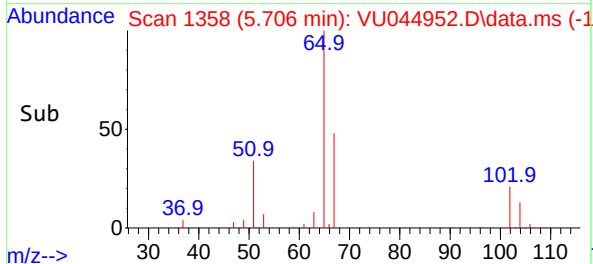
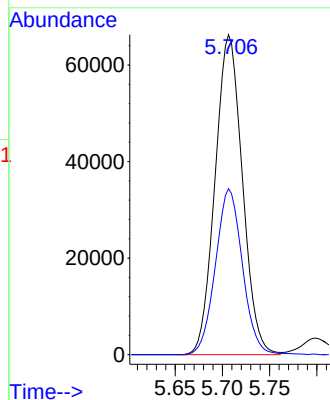
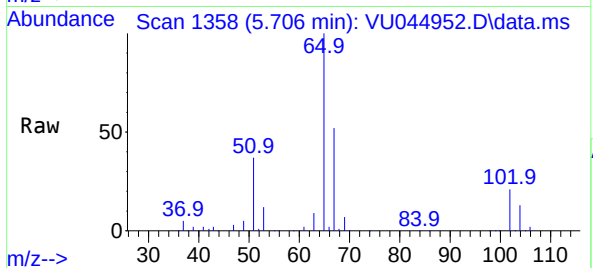
67 51.3 0.0 104.8

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: VU044952.D

Acq: 28 Sep 2021 19:28

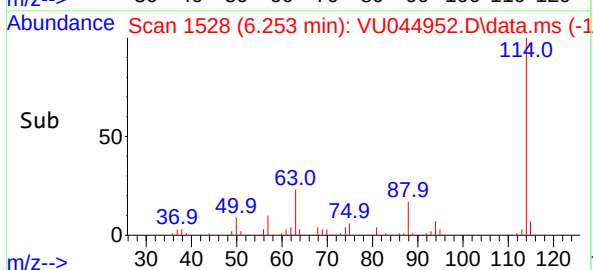
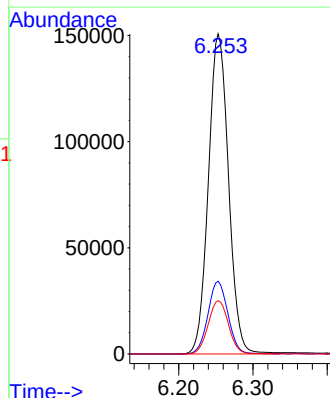
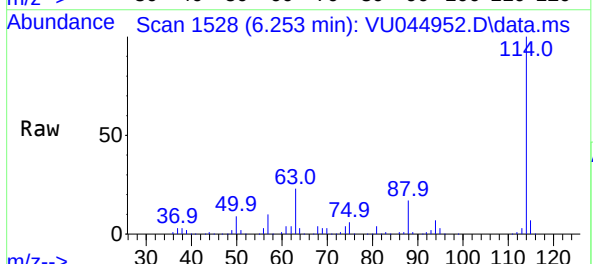
Tgt Ion:114 Resp: 284211

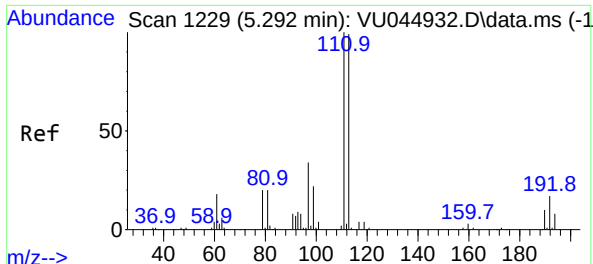
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

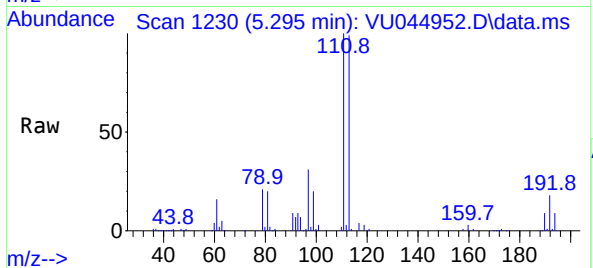
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.837 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

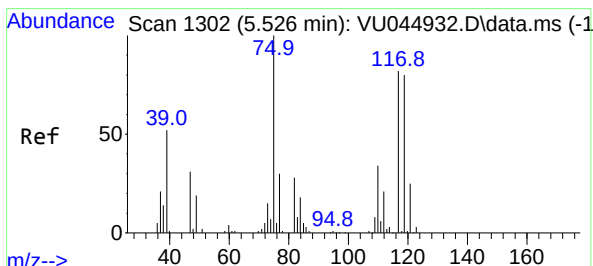
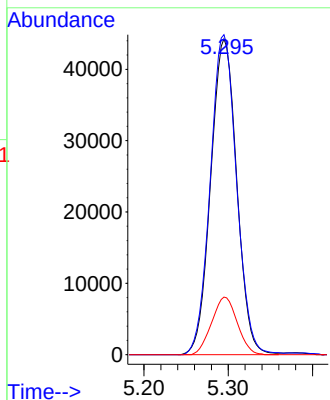
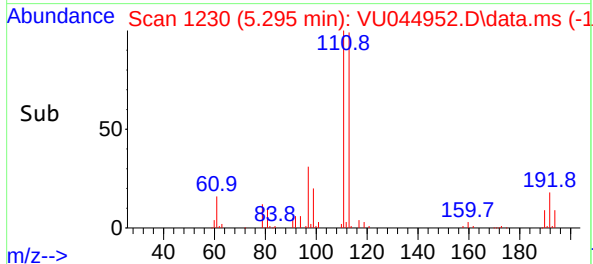
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 113 Resp: 9473
Ion Ratio Lower Upper
113 100
111 102.5 84.1 126.1
192 18.0 14.8 22.2

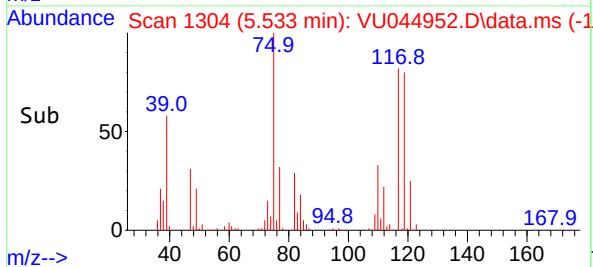
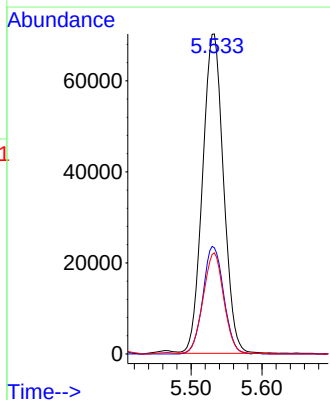
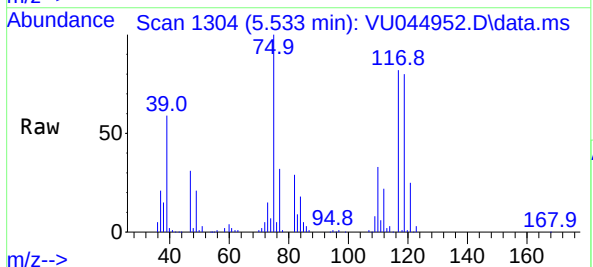
Manual Integrations
APPROVED

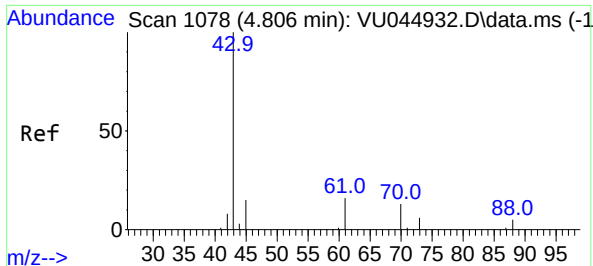
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#36
1,1-Dichloropropene
Concen: 48.399 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

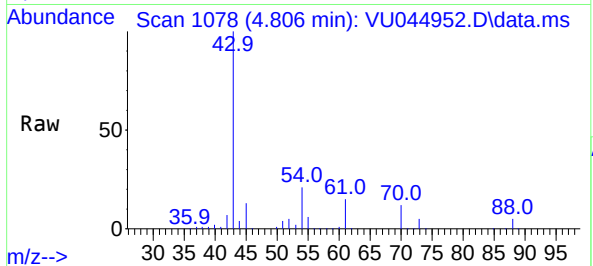
Tgt Ion: 75 Resp: 143849
Ion Ratio Lower Upper
75 100
110 33.4 16.3 48.9
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 46.132 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

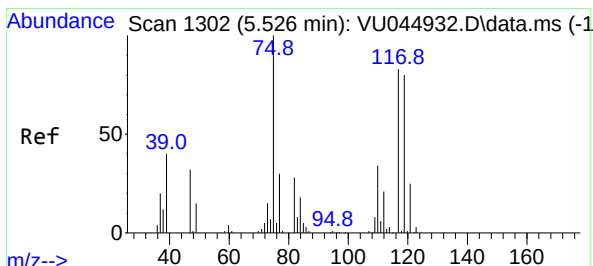
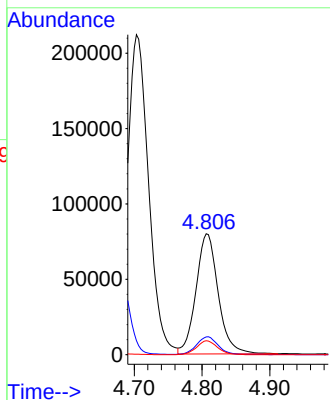
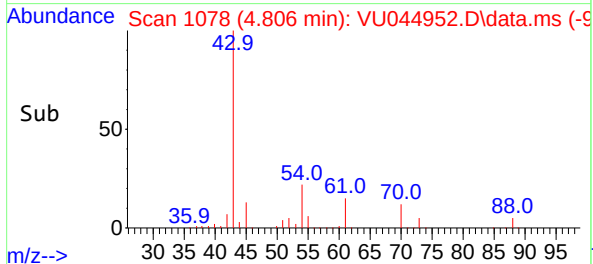
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 43 Resp: 181415
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 10.9 8.2 12.4

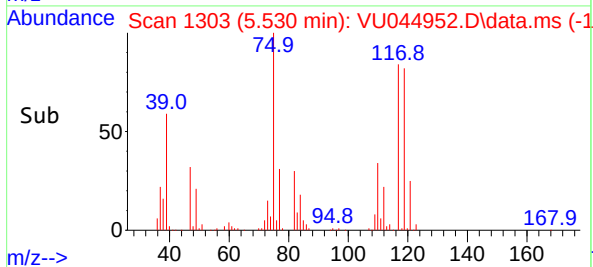
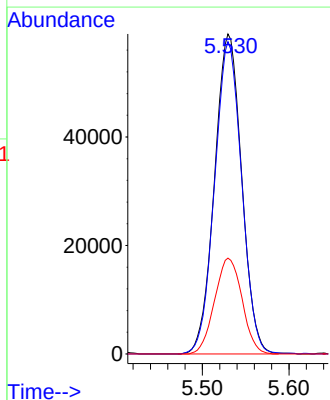
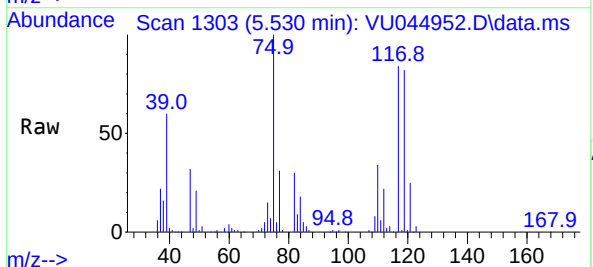
Manual Integrations
APPROVED

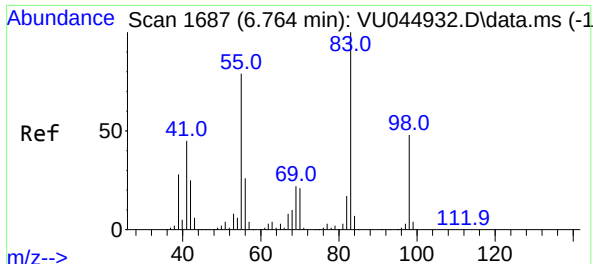
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 49.885 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion:117 Resp: 128298
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.2
121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 47.979 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 83 Resp: 17506

Ion Ratio Lower Upper

83 100

55 77.0 66.2 99.4

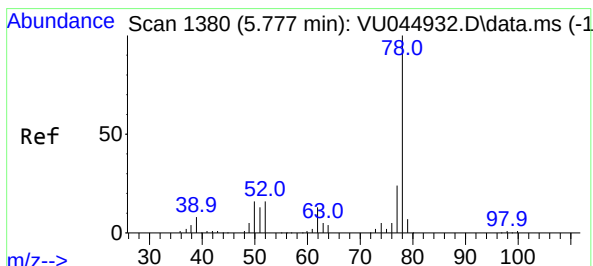
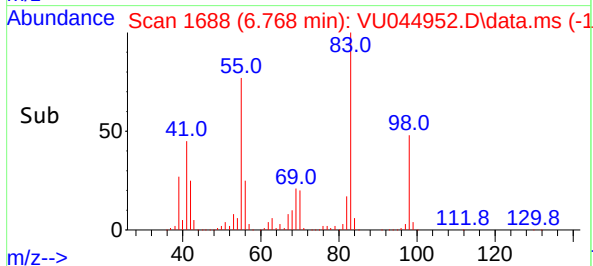
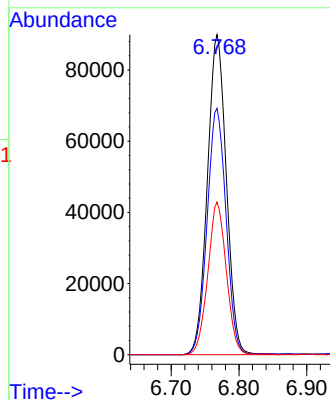
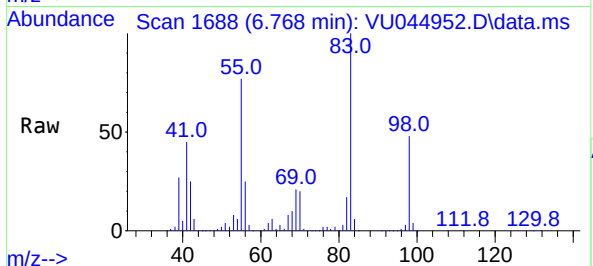
98 47.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 47.758 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044952.D

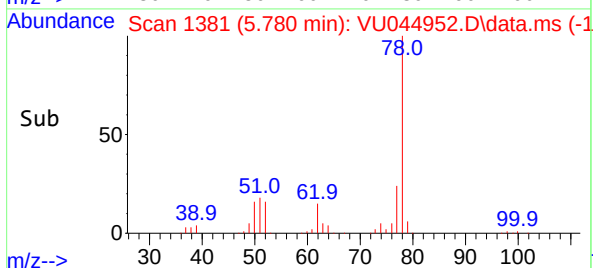
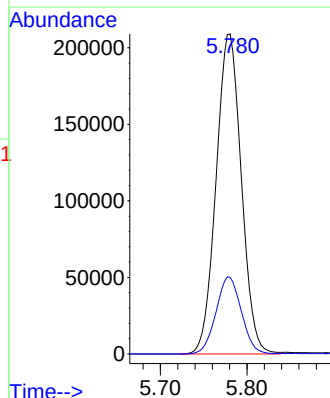
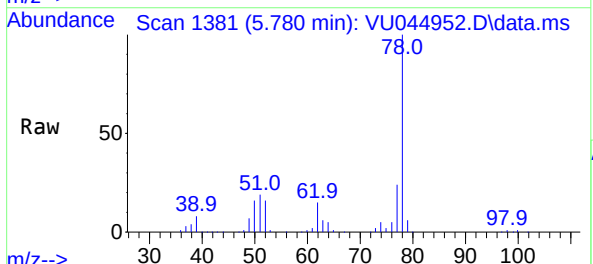
Acq: 28 Sep 2021 19:28

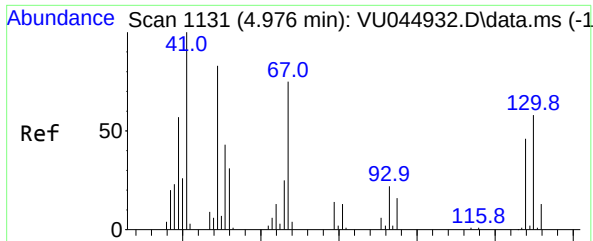
Tgt Ion: 78 Resp: 422765

Ion Ratio Lower Upper

78 100

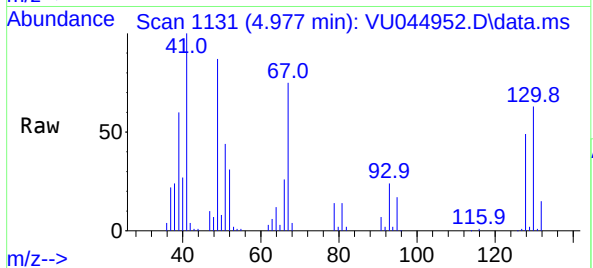
77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 47.229 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

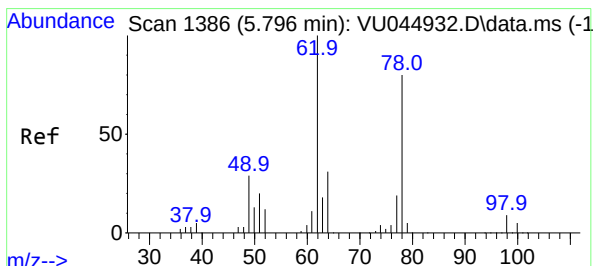
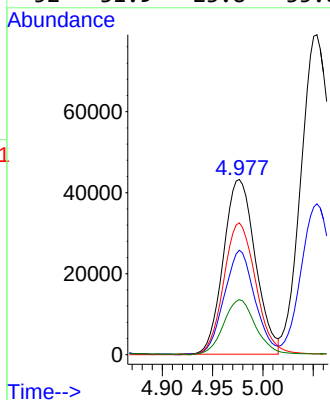
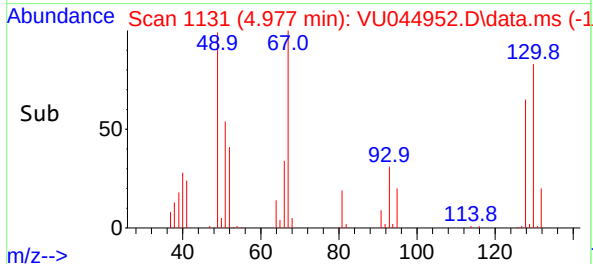
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 41 Resp: 9561
Ion Ratio Lower Upper
41 100
39 57.6 44.4 66.6
67 76.0 58.1 87.1
52 31.9 23.8 35.8

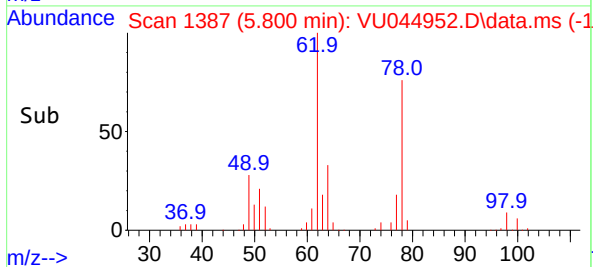
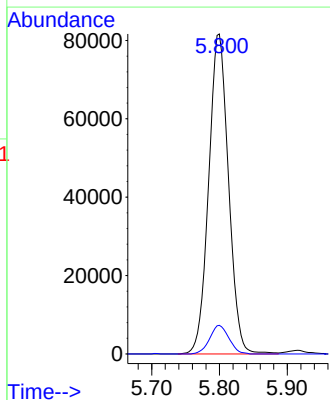
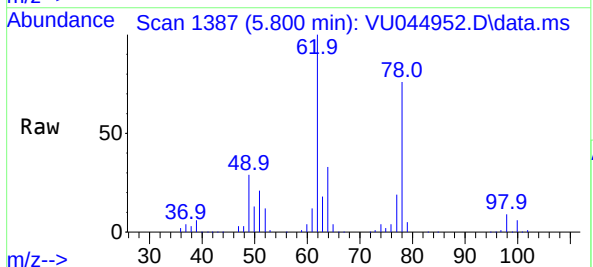
Manual Integrations
APPROVED

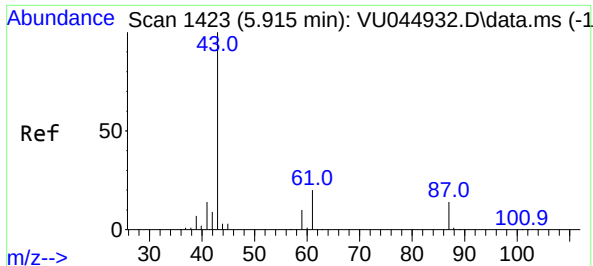
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 47.693 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

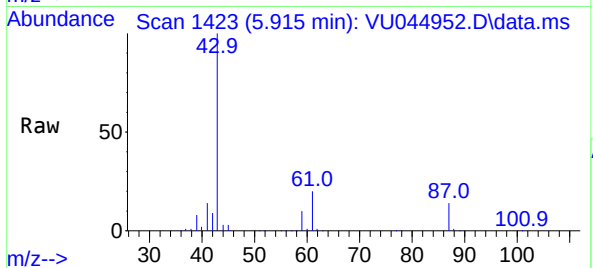
Tgt Ion: 62 Resp: 165938
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 45.685 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

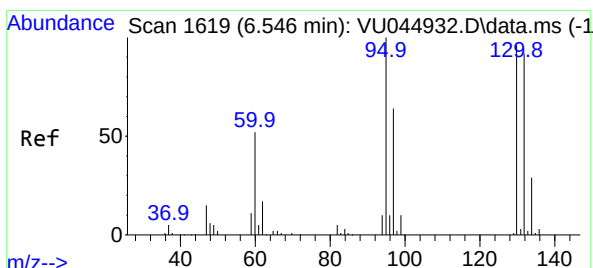
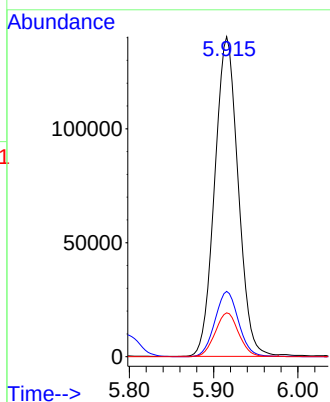
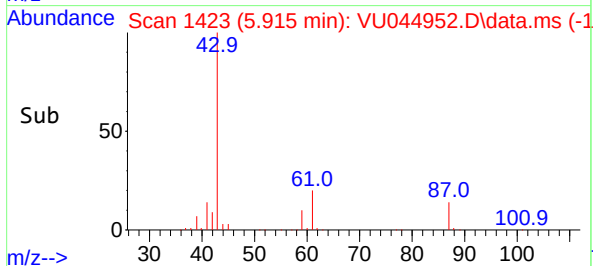
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 43 Resp: 270285
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1
87 13.8 10.3 15.5

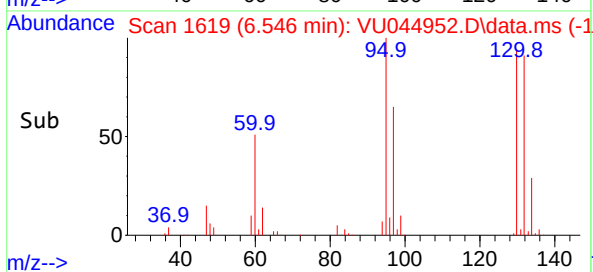
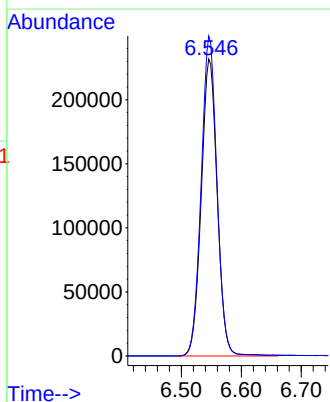
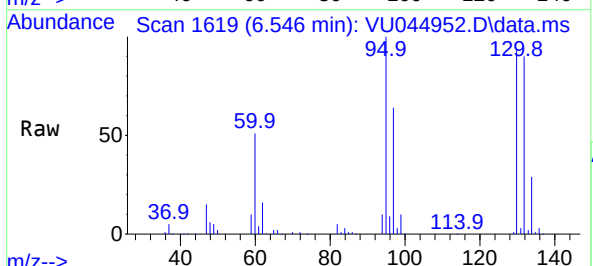
Manual Integrations
APPROVED

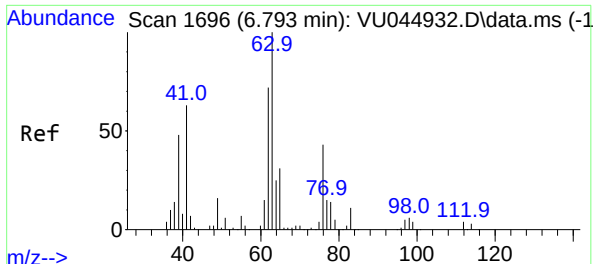
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 206.296 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion:130 Resp: 430562
Ion Ratio Lower Upper
130 100
95 107.7 0.0 209.0





#45

1,2-Dichloropropane

Concen: 48.151 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 63 Resp: 113000

Ion Ratio Lower Upper

63 100

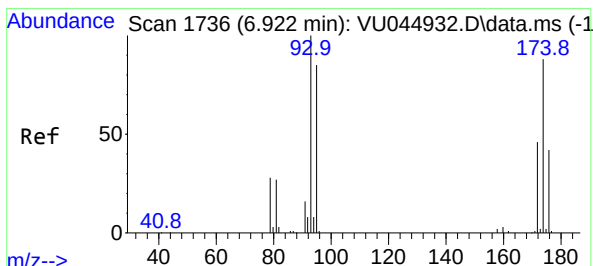
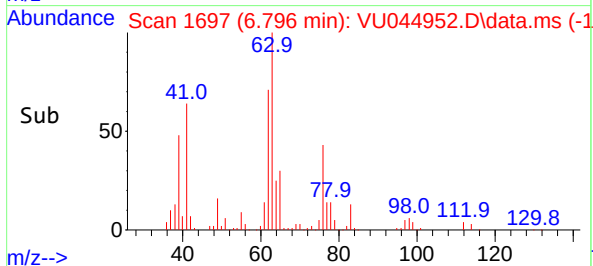
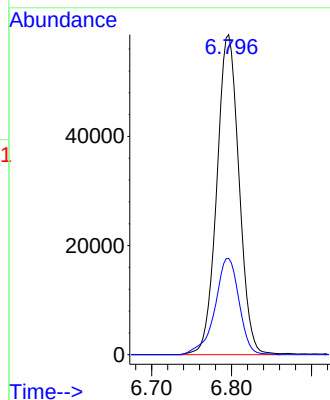
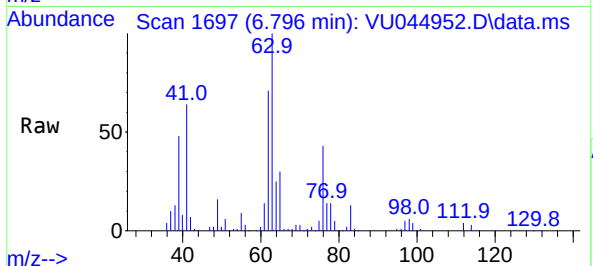
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 48.942 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

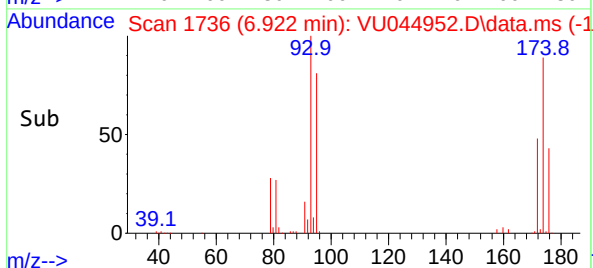
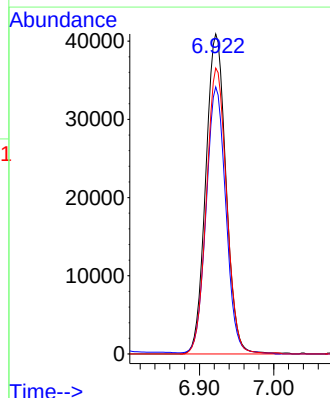
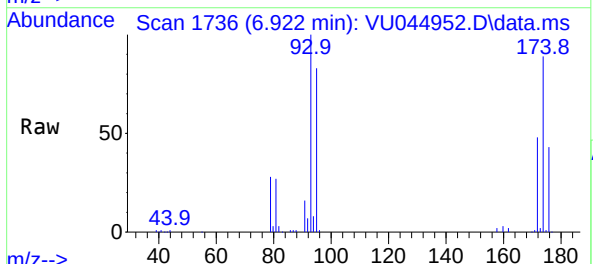
Tgt Ion: 93 Resp: 77378

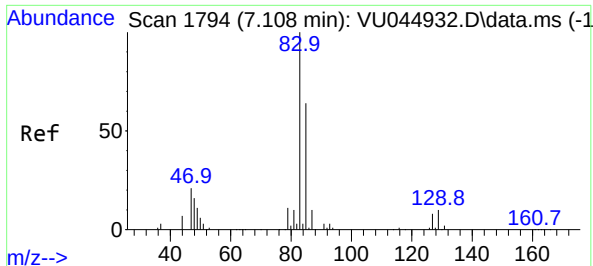
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

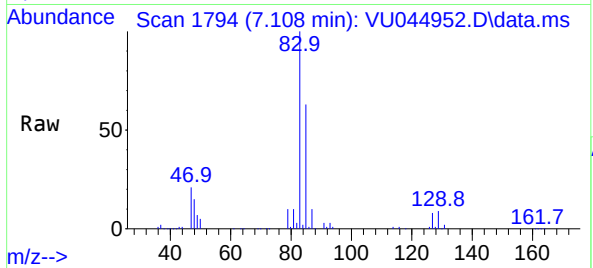
174 89.2 70.7 106.1





#47
Bromodichloromethane
Concen: 49.359 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

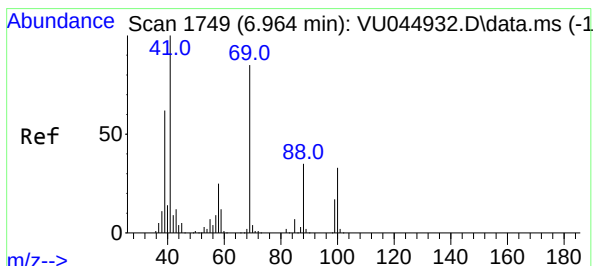
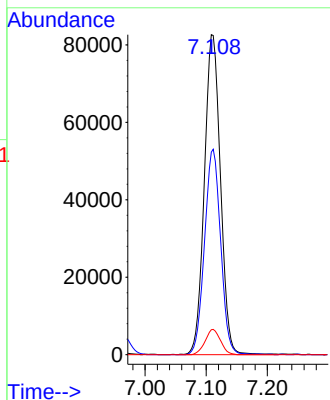
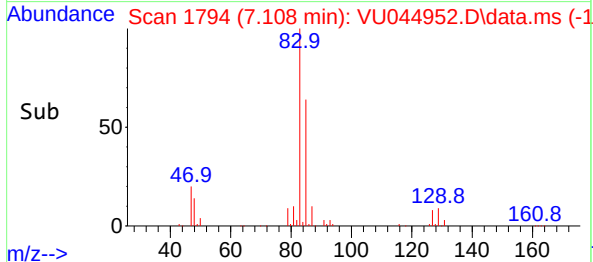
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



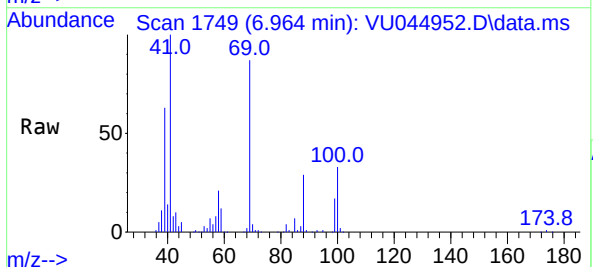
Tgt Ion: 83 Resp: 15152
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4
127 7.8 6.2 9.4

Manual Integrations
APPROVED

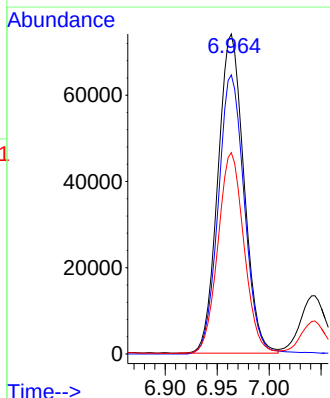
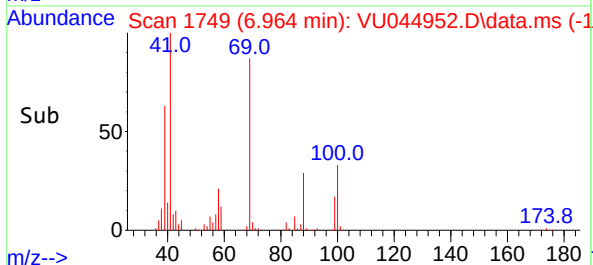
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

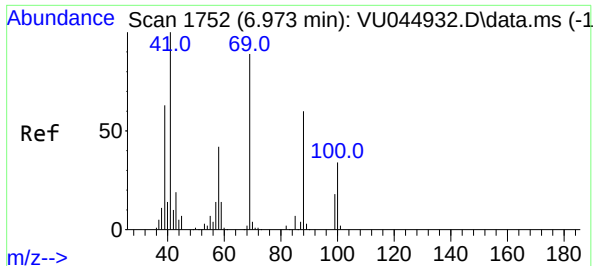


#48
Methyl methacrylate
Concen: 44.850 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



Tgt Ion: 41 Resp: 129156
Ion Ratio Lower Upper
41 100
69 88.0 65.6 98.4
39 62.9 46.2 69.4





#49

1,4-Dioxane

Concen: 557.913 ug/l

RT: 6.967 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 88 Resp: 42208

Ion Ratio Lower Upper

88 100

43 34.6 25.8 38.6

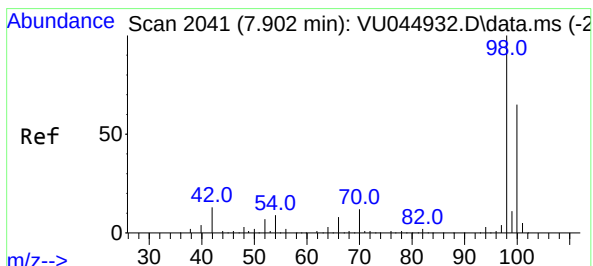
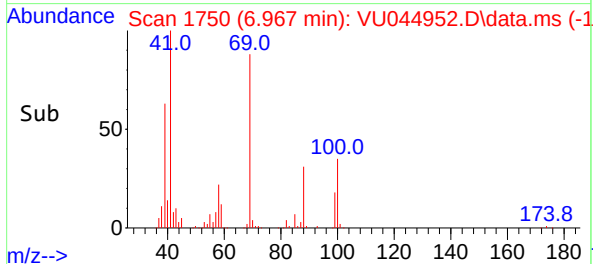
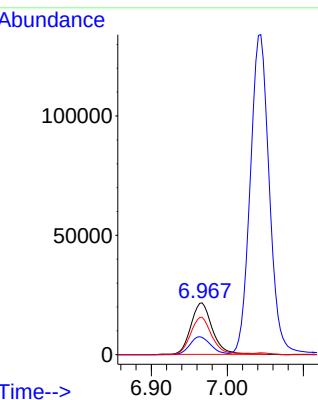
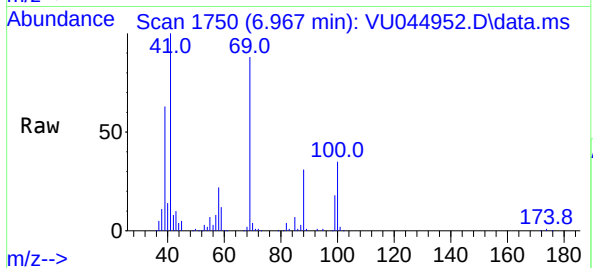
58 72.5 61.3 91.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#50

Toluene-d8

Concen: 52.620 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044952.D

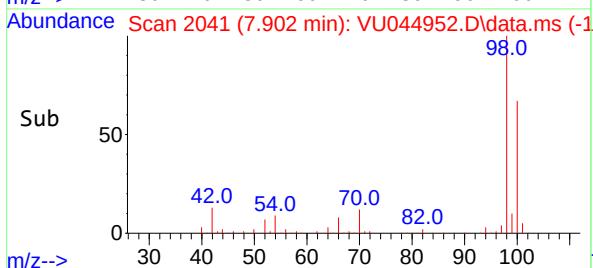
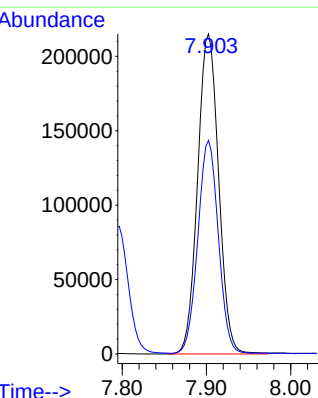
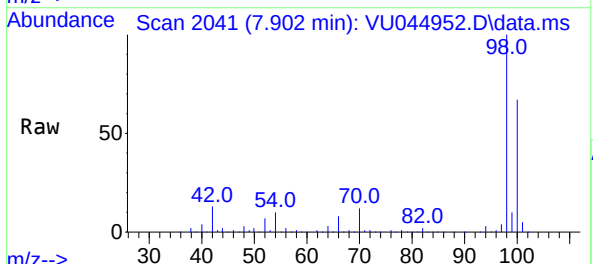
Acq: 28 Sep 2021 19:28

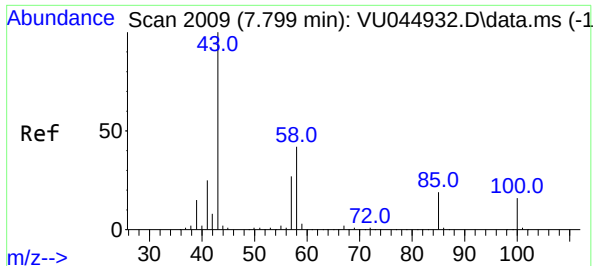
Tgt Ion: 98 Resp: 372765

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7





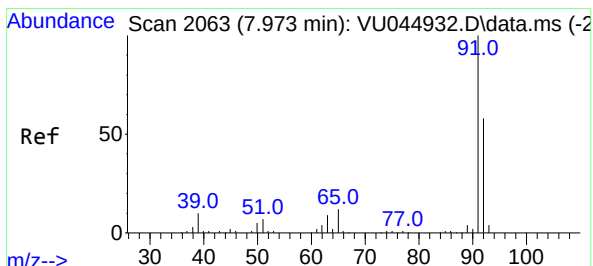
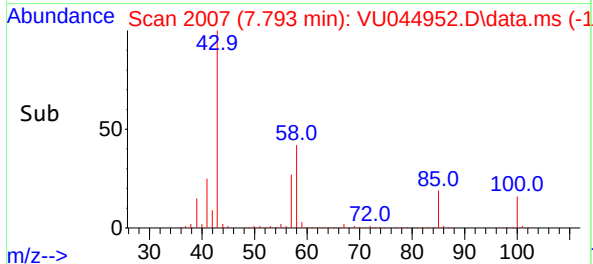
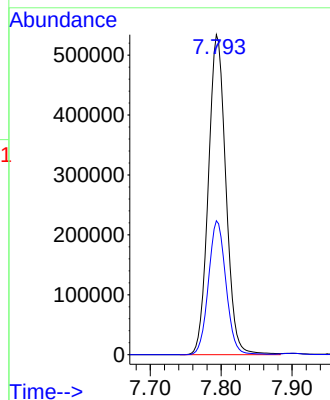
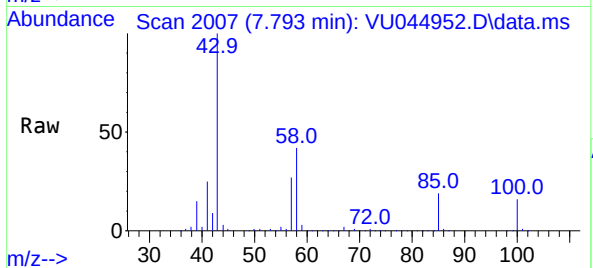
#51
4-Methyl-2-Pentanone
Concen: 213.166 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Tgt Ion: 43 Resp: 91813
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6

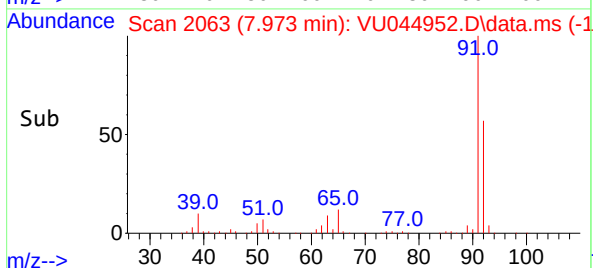
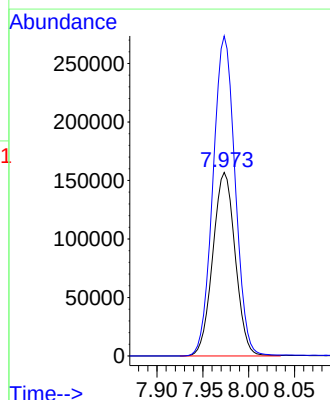
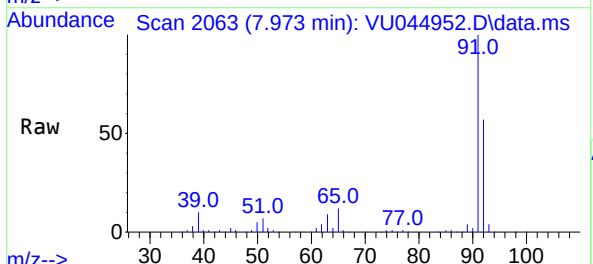
Manual Integrations
APPROVED

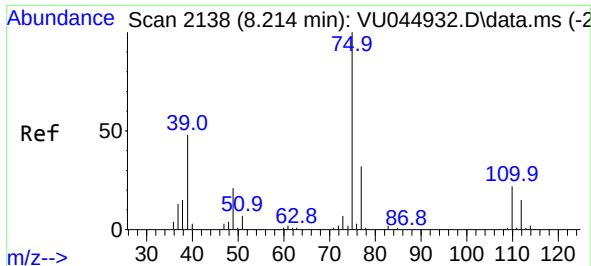
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 48.215 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

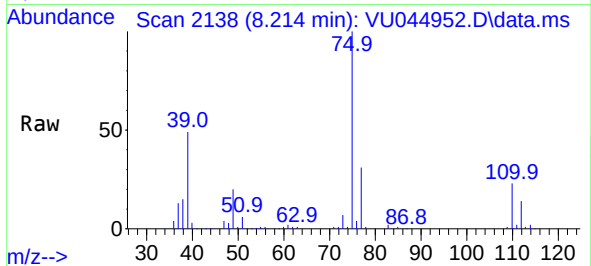
Tgt Ion: 92 Resp: 267128
Ion Ratio Lower Upper
92 100
91 172.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 48.636 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

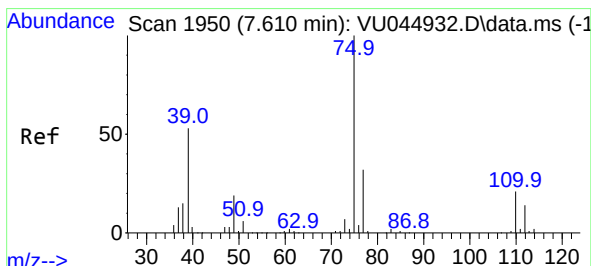
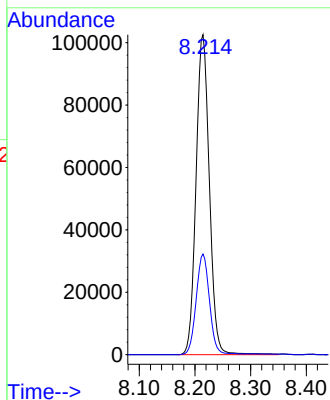
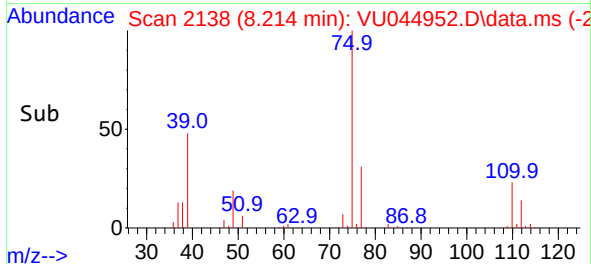
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



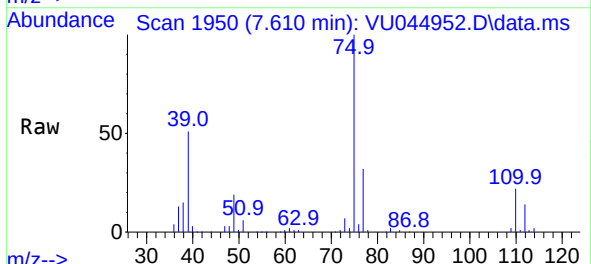
Tgt Ion: 75 Resp: 17073
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

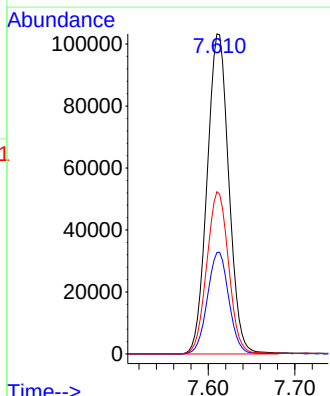
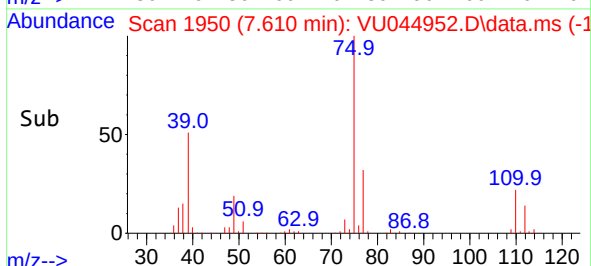
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

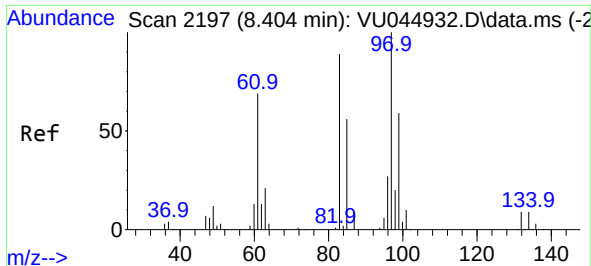


#54
cis-1,3-Dichloropropene
Concen: 49.239 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



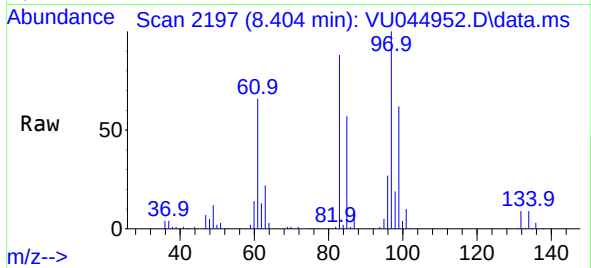
Tgt Ion: 75 Resp: 180044
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 50.7 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 47.161 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

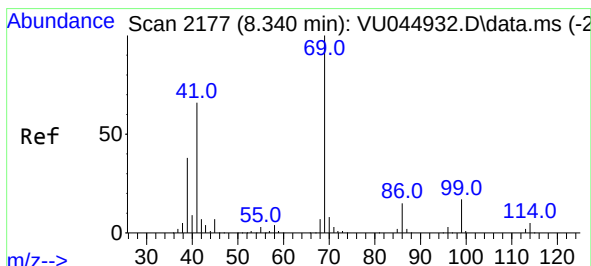
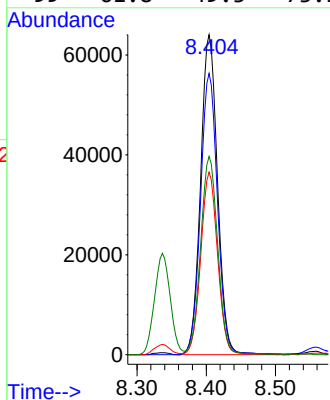
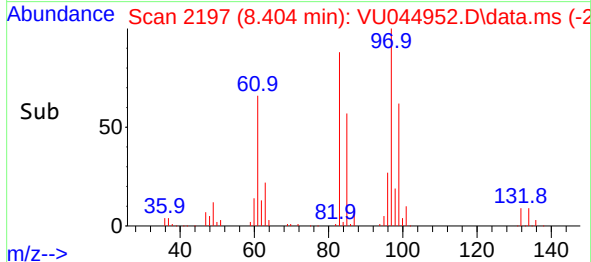
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



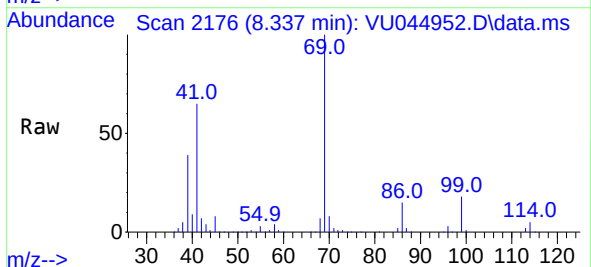
Tgt Ion: 97 Resp: 108869
Ion Ratio Lower Upper
97 100
83 87.9 69.7 104.5
85 57.1 44.8 67.2
99 61.8 49.3 73.9

Manual Integrations
APPROVED

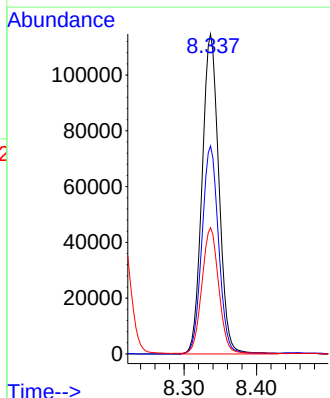
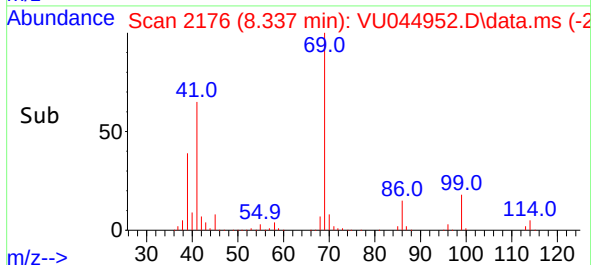
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

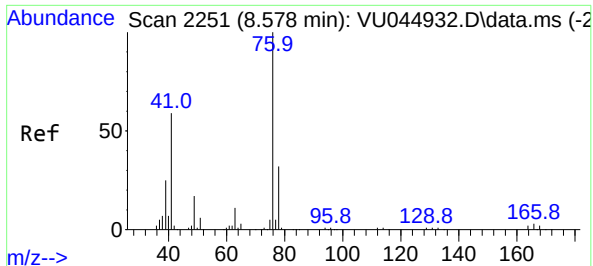


#56
Ethyl methacrylate
Concen: 41.452 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



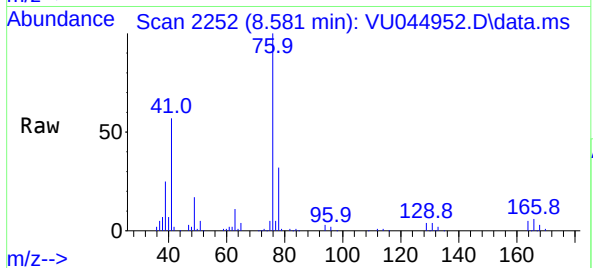
Tgt Ion: 69 Resp: 184354
Ion Ratio Lower Upper
69 100
41 64.5 53.5 80.3
39 39.1 31.1 46.7





#57
1,3-Dichloropropane
Concen: 46.742 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

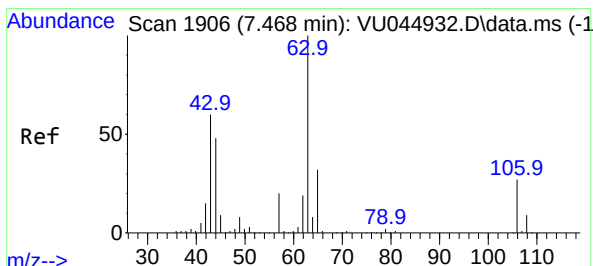
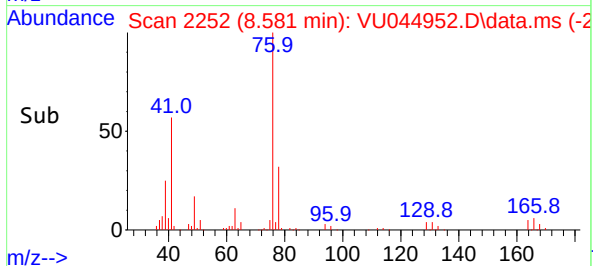
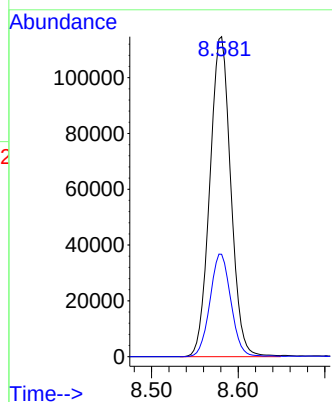
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 76 Resp: 19257
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

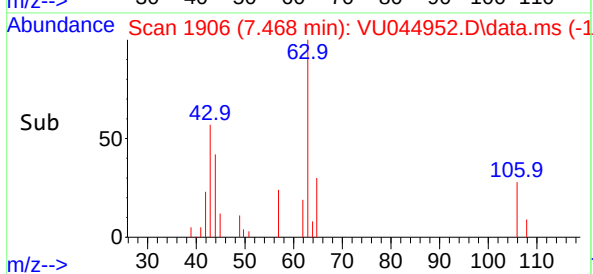
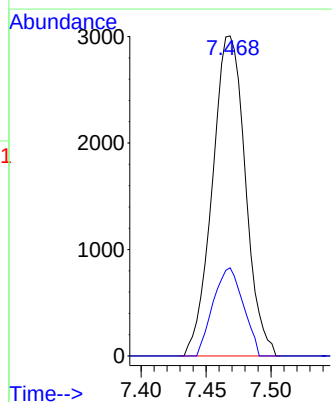
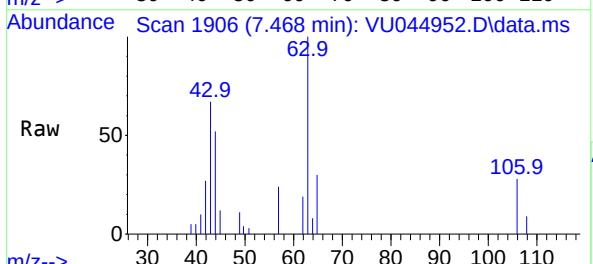
Manual Integrations
APPROVED

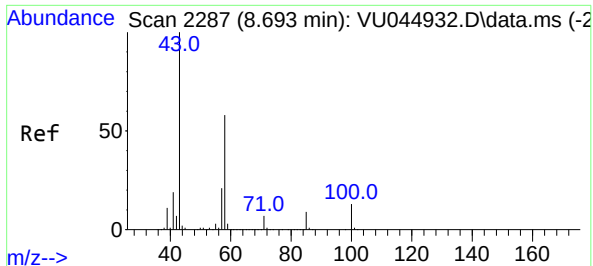
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#58
2-Chloroethyl Vinyl ether
Concen: 25.257 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 63 Resp: 5315
Ion Ratio Lower Upper
63 100
106 25.0 20.5 30.7





#59

2-Hexanone

Concen: 205.307 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 43 Resp: 720100

Ion Ratio Lower Upper

43 100

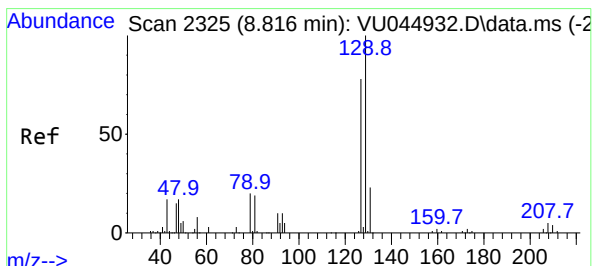
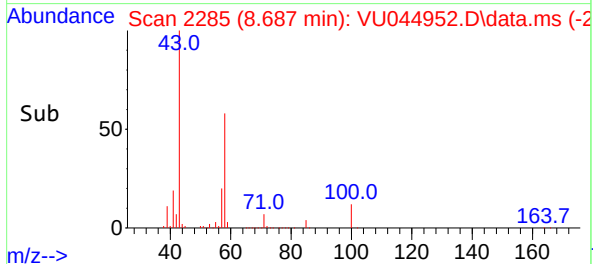
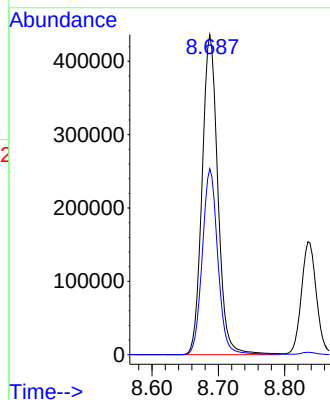
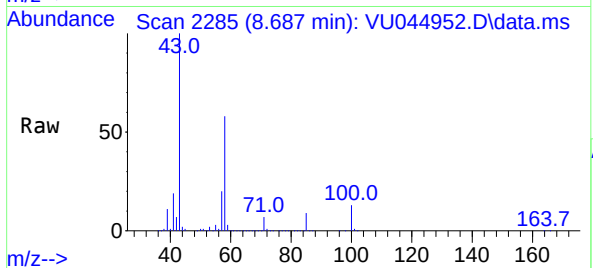
58 57.5 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#60

Dibromochloromethane

Concen: 43.570 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. -0.000 min

Lab File: VU044952.D

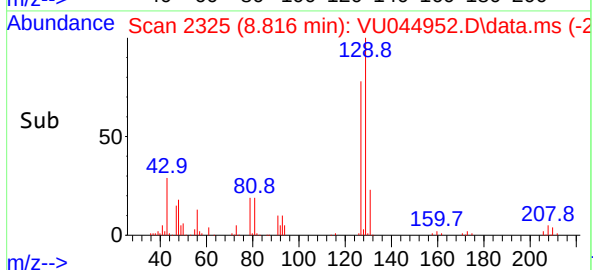
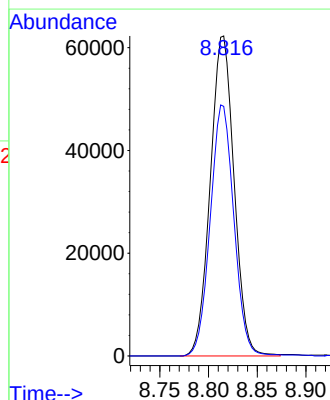
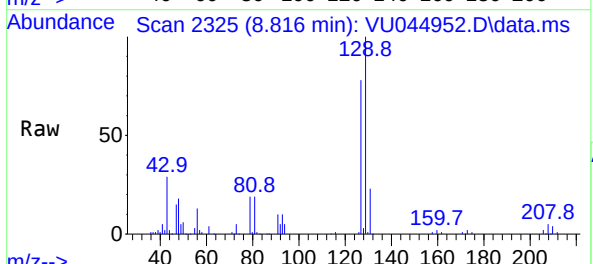
Acq: 28 Sep 2021 19:28

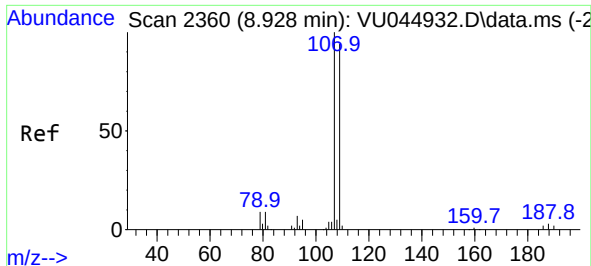
Tgt Ion:129 Resp: 105928

Ion Ratio Lower Upper

129 100

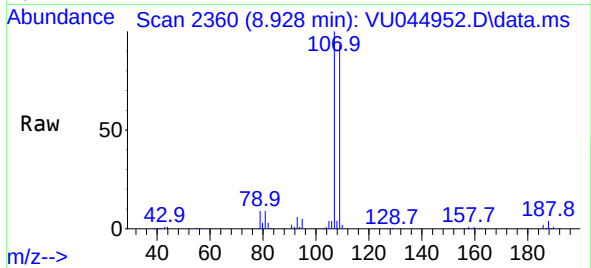
127 77.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 47.785 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

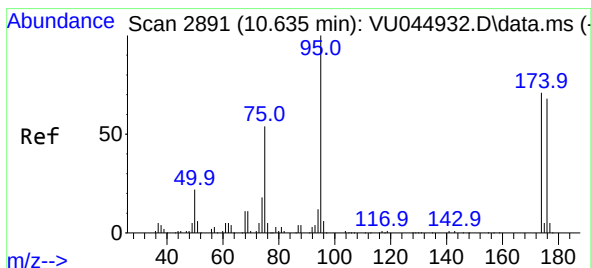
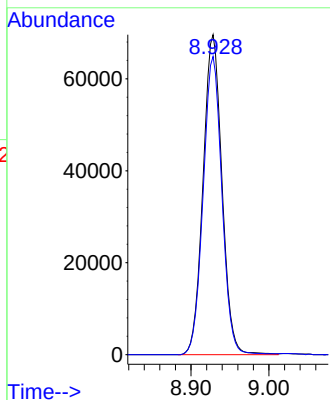
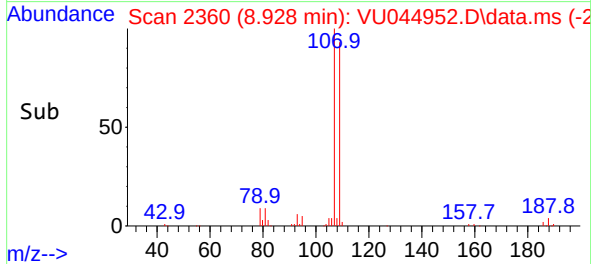
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion:107 Resp: 11725
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2

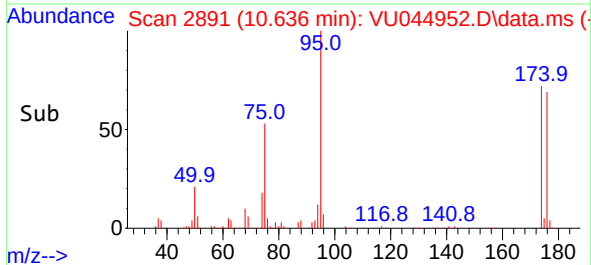
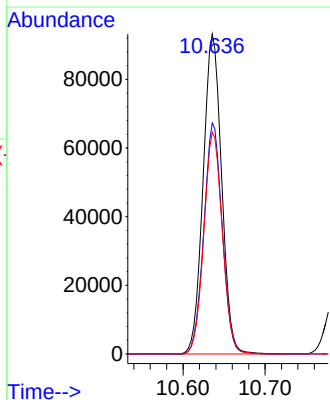
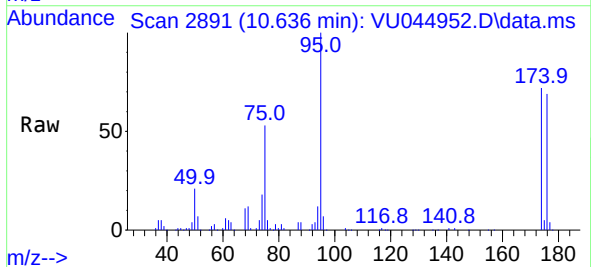
Manual Integrations
APPROVED

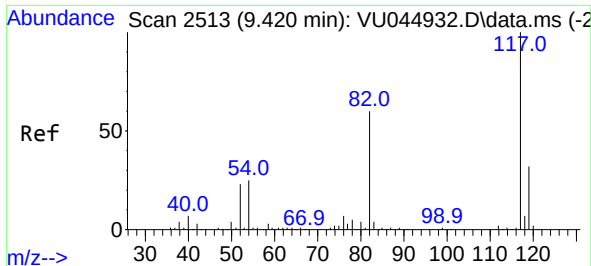
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#62
4-Bromofluorobenzene
Concen: 49.749 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

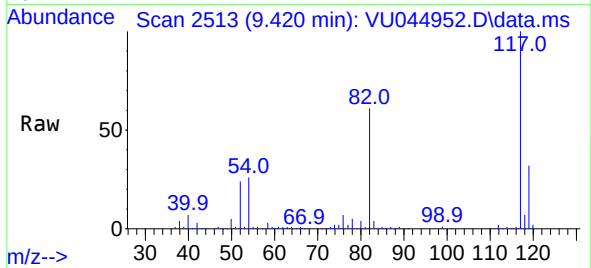
Tgt Ion: 95 Resp: 145500
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.6
176 69.3 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

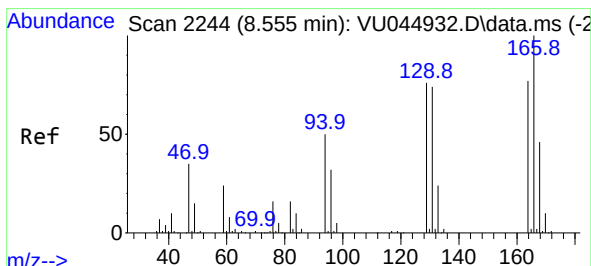
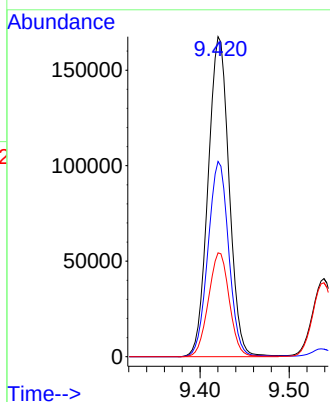
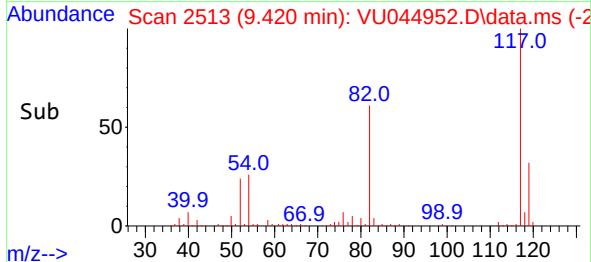
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



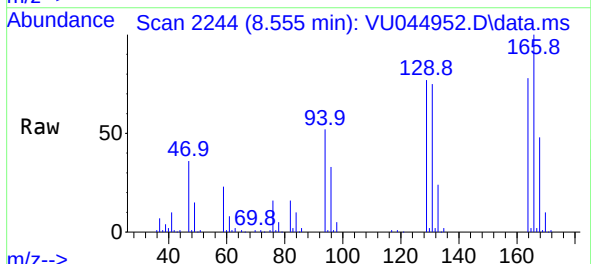
Tgt Ion:117 Resp: 27404
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.4 25.8 38.6

Manual Integrations
APPROVED

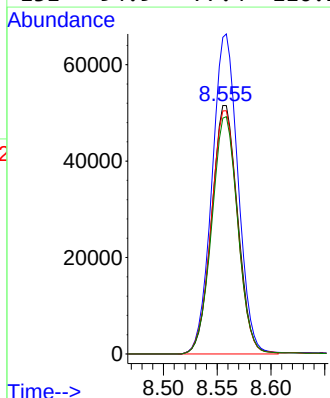
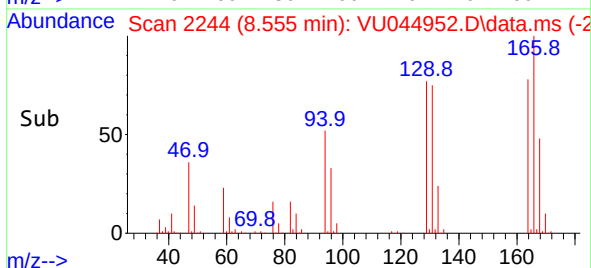
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

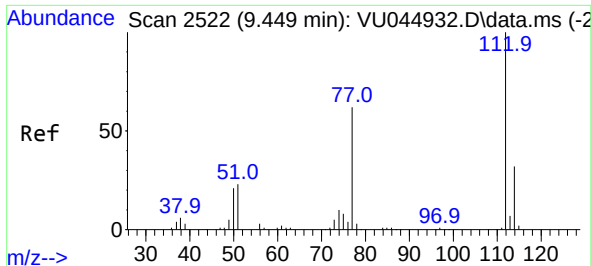


#64
Tetrachloroethene
Concen: 48.651 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



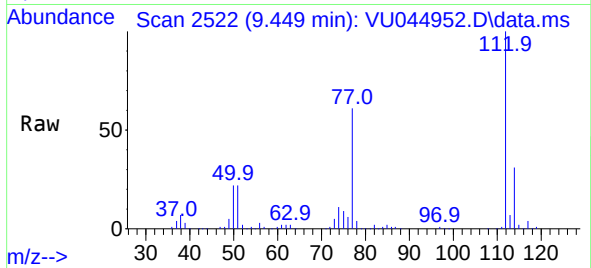
Tgt Ion:164 Resp: 87020
Ion Ratio Lower Upper
164 100
166 127.4 102.8 154.2
129 97.8 79.4 119.2
131 94.9 77.4 116.2





#65
Chlorobenzene
Concen: 48.375 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

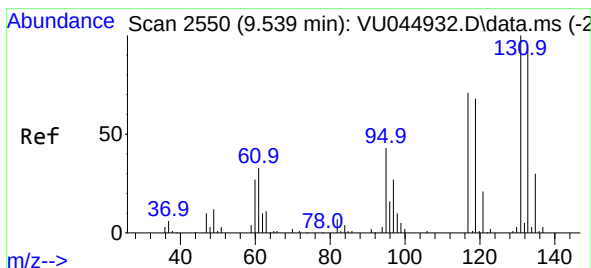
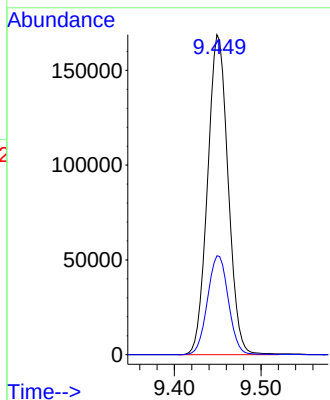
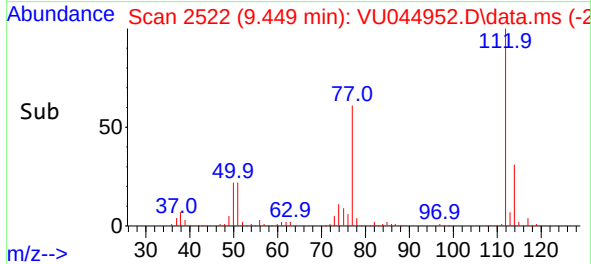
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



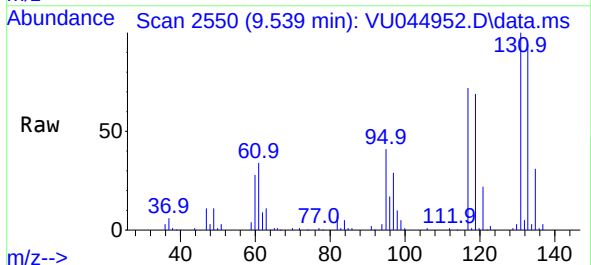
Tgt Ion:112 Resp: 27794
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9

Manual Integrations
APPROVED

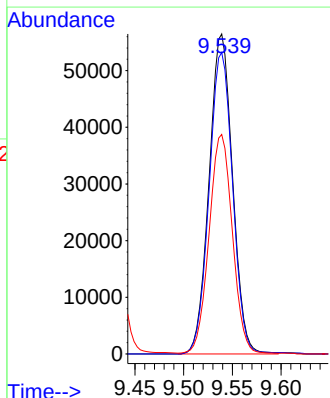
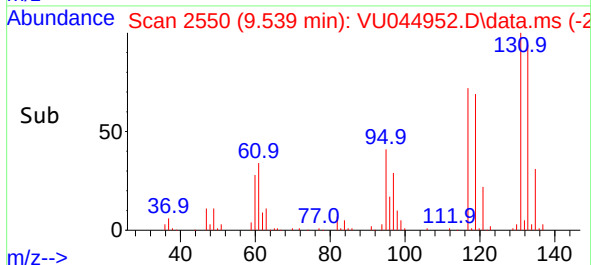
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

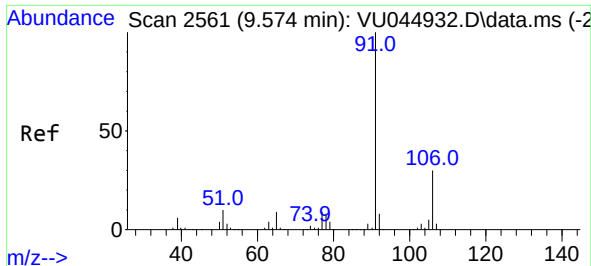


#66
1,1,1,2-Tetrachloroethane
Concen: 47.152 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



Tgt Ion:131 Resp: 94584
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 67.8 34.1 102.3





#67

Ethyl Benzene

Concen: 49.096 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS

Tgt Ion: 91 Resp: 51908

Ion Ratio Lower Upper

91 100

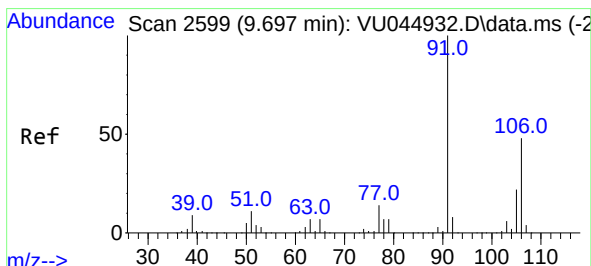
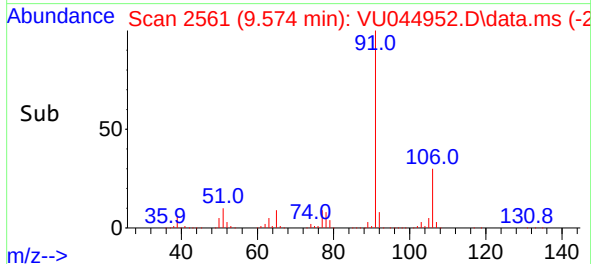
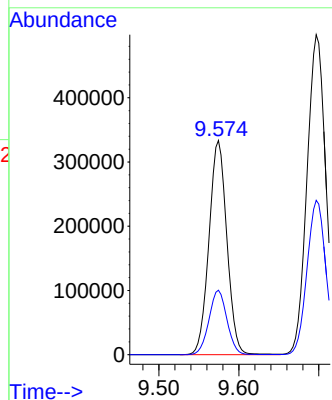
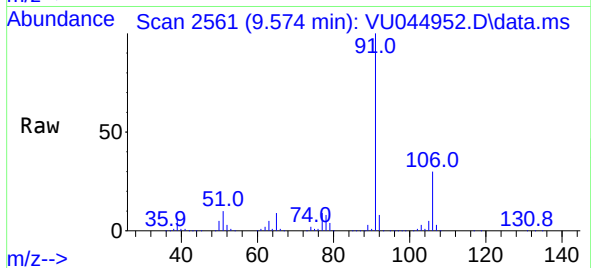
106 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 96.458 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044952.D

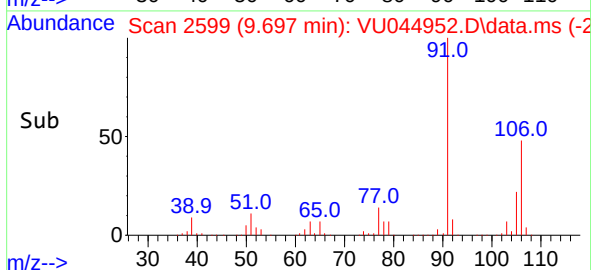
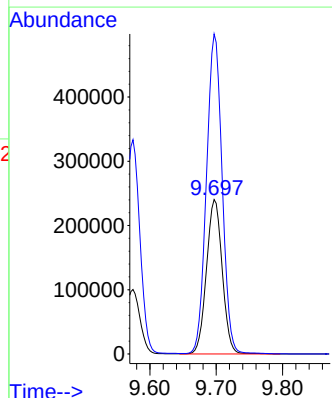
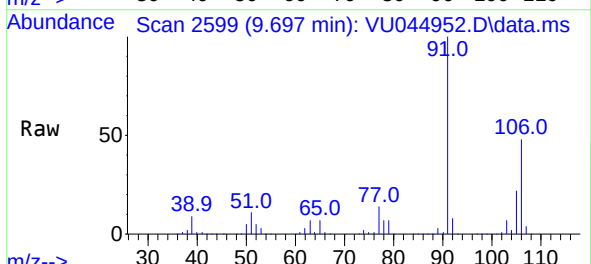
Acq: 28 Sep 2021 19:28

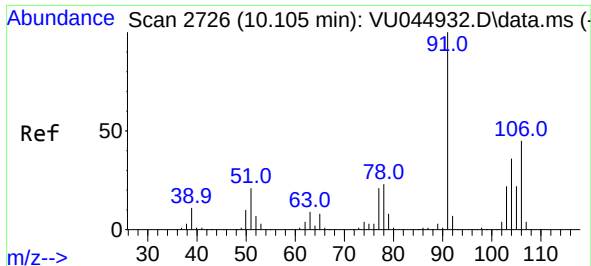
Tgt Ion:106 Resp: 396205

Ion Ratio Lower Upper

106 100

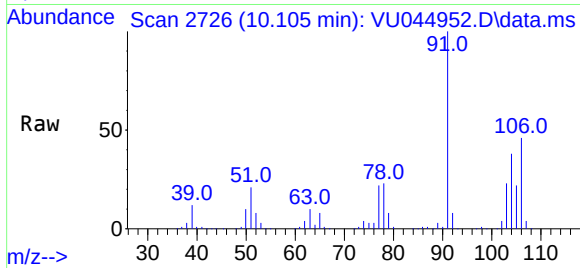
91 206.5 164.2 246.2





#69
o-Xylene
Concen: 47.888 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

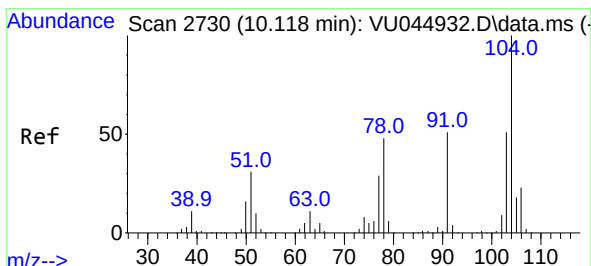
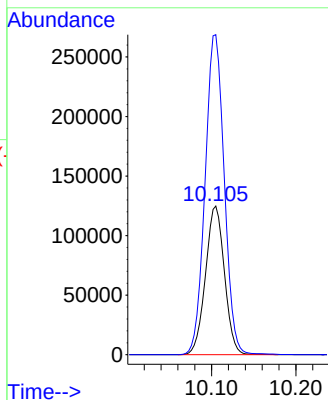
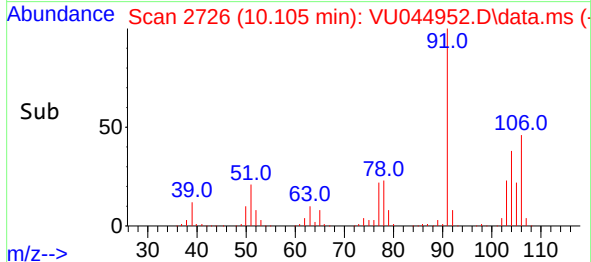
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



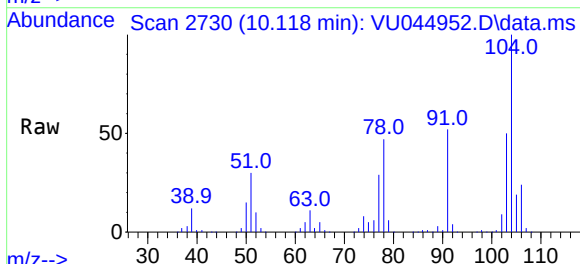
Tgt Ion:106 Resp: 19522
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.7

Manual Integrations
APPROVED

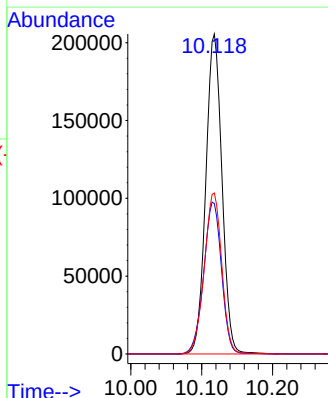
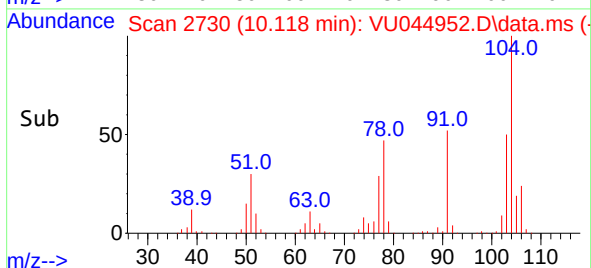
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

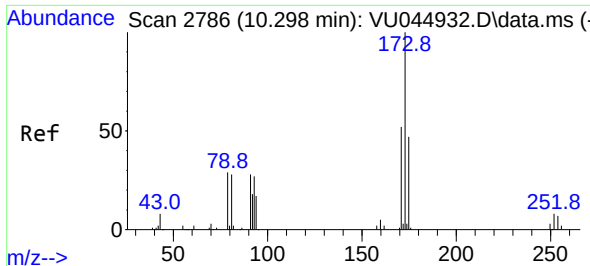


#70
Styrene
Concen: 47.671 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



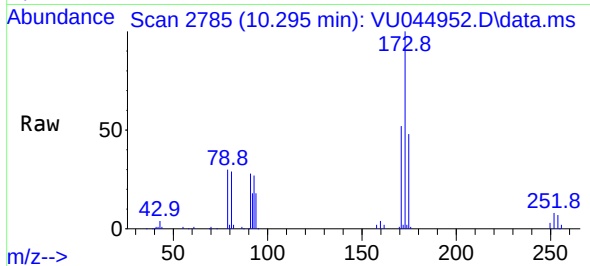
Tgt Ion:104 Resp: 326023
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 54.6 43.5 65.3





#71
Bromoform
Concen: 40.679 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

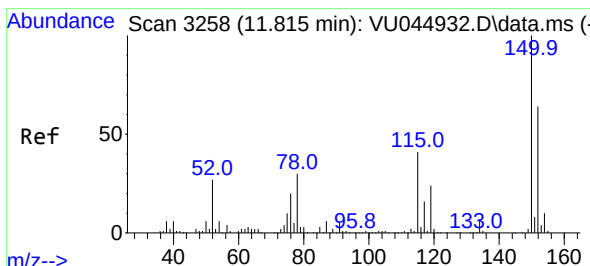
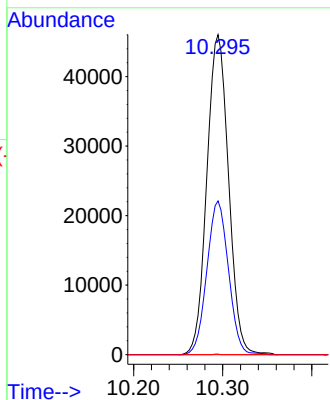
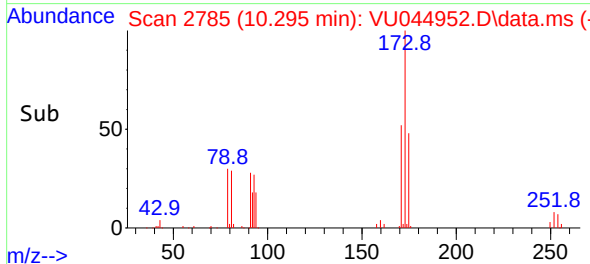
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion:173 Resp: 7782
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.1 0.0 0.0

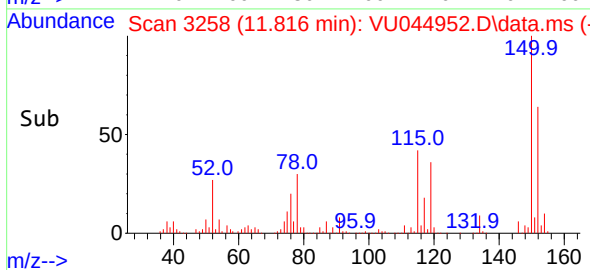
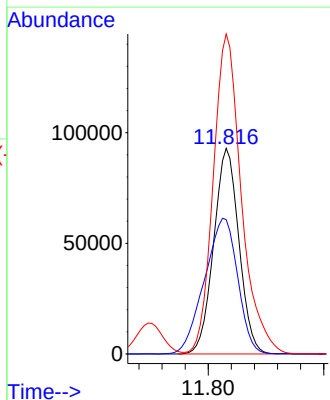
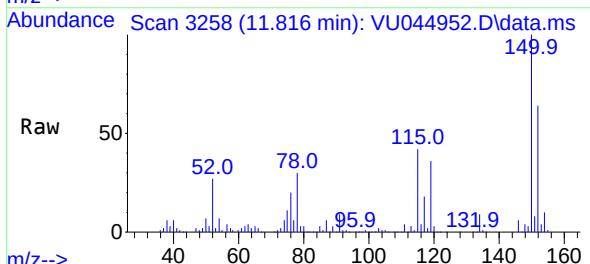
Manual Integrations
APPROVED

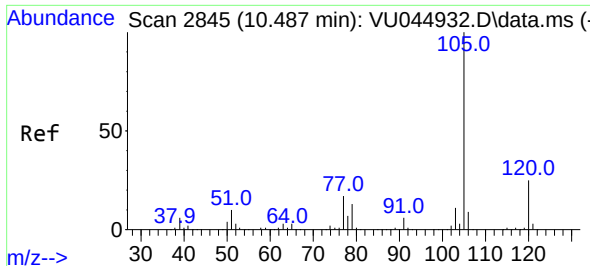
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Tgt Ion:152 Resp: 140919
Ion Ratio Lower Upper
152 100
115 86.7 43.5 130.7
150 173.1 0.0 350.0





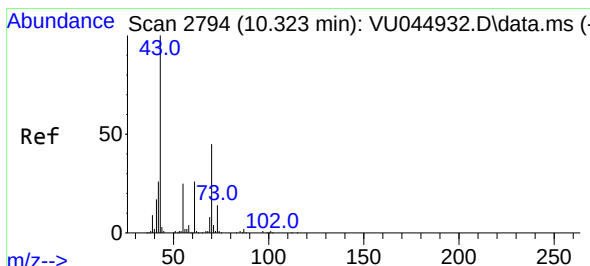
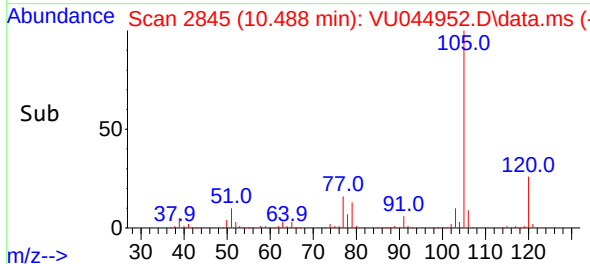
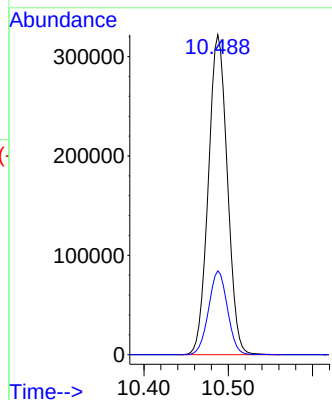
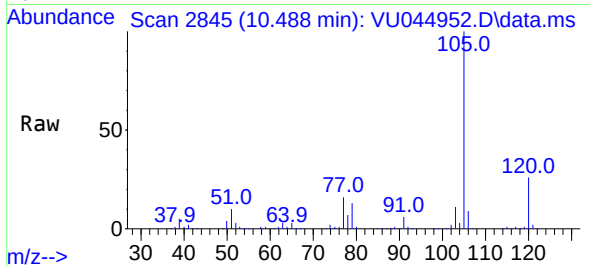
#73
Isopropylbenzene
Concen: 48.163 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Tgt Ion:105 Resp: 505420
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

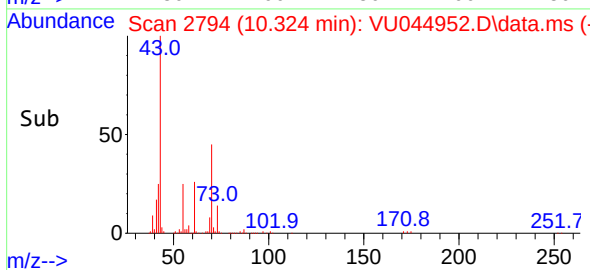
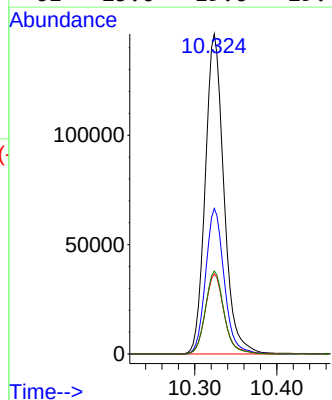
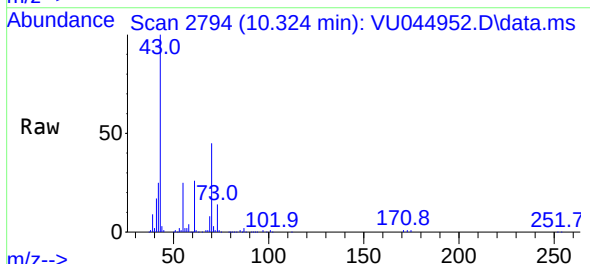
Manual Integrations
APPROVED

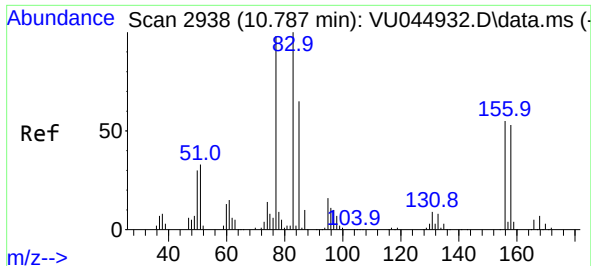
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 43.839 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

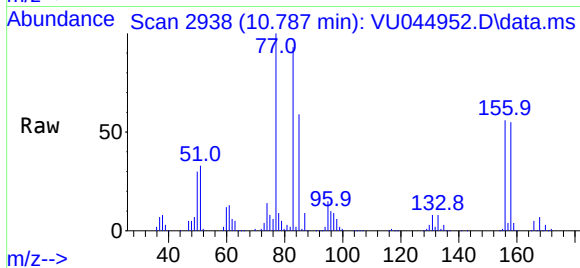
Tgt Ion: 43 Resp: 231647
Ion Ratio Lower Upper
43 100
70 45.1 35.1 52.7
55 25.4 20.5 30.7
61 25.6 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 42.510 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

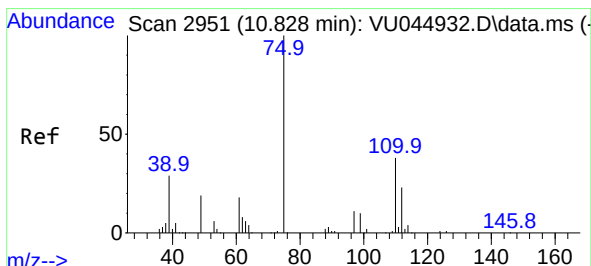
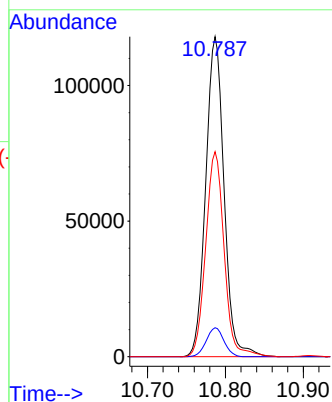
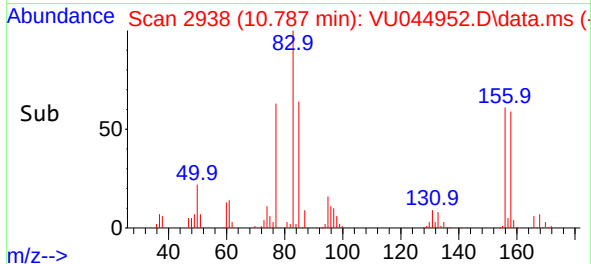
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



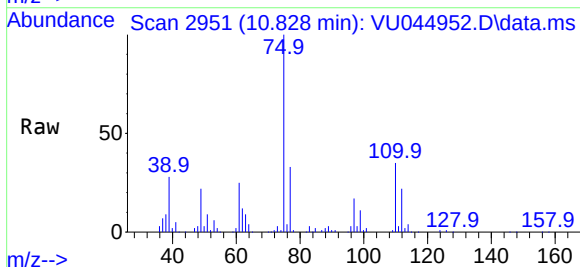
Tgt Ion: 83 Resp: 19302
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 64.4 31.9 95.5

Manual Integrations
APPROVED

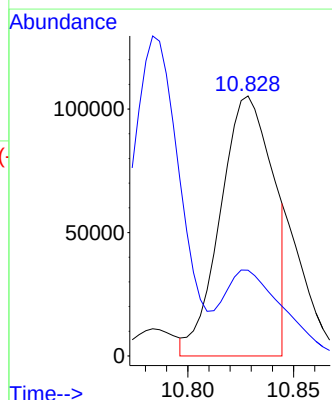
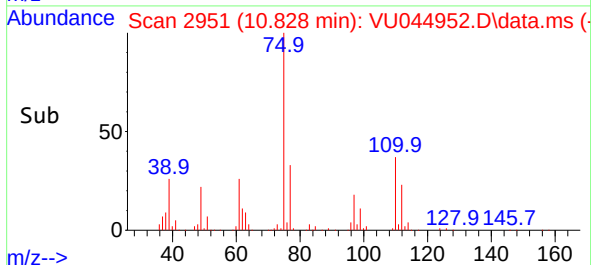
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

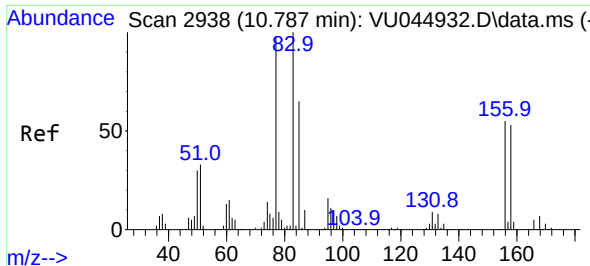


#76
1,2,3-Trichloropropane
Concen: 44.341 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



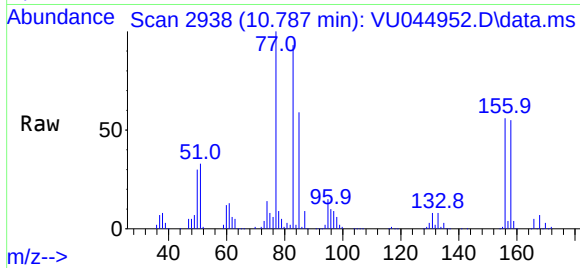
Tgt Ion: 75 Resp: 182255
Ion Ratio Lower Upper
75 100
77 36.8 17.9 53.7





#77
Bromobenzene
Concen: 45.437 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

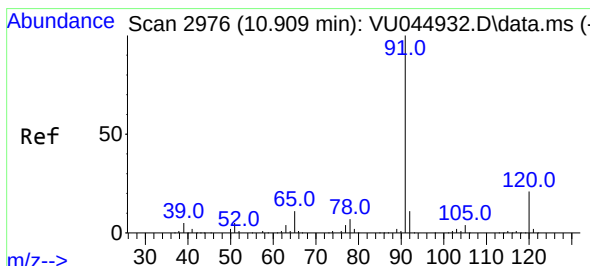
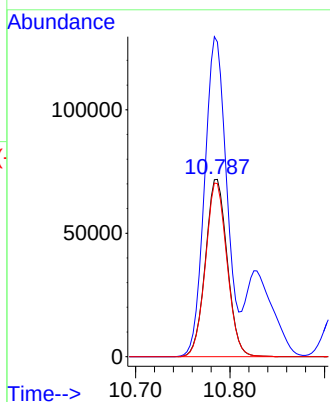
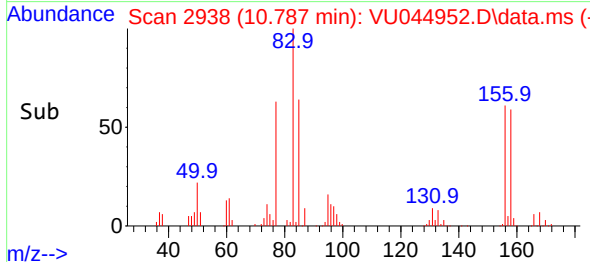
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



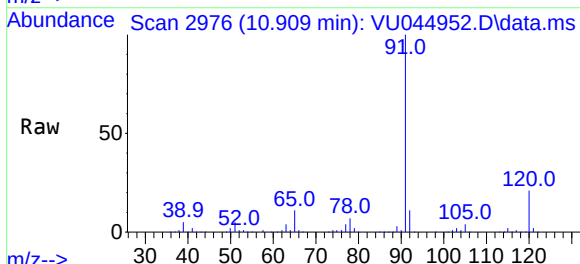
Tgt Ion:156 Resp: 115139
Ion Ratio Lower Upper
156 100
77 181.0 91.1 273.4
158 97.1 48.2 144.6

Manual Integrations
APPROVED

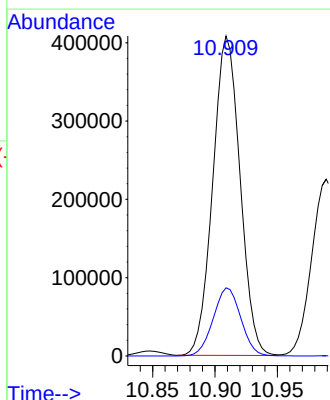
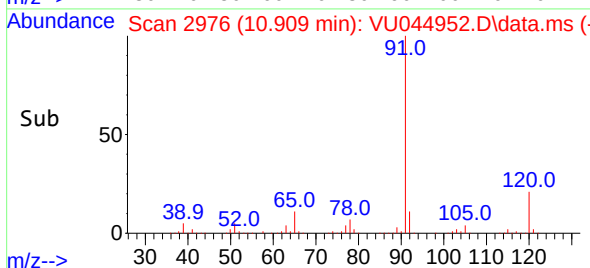
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

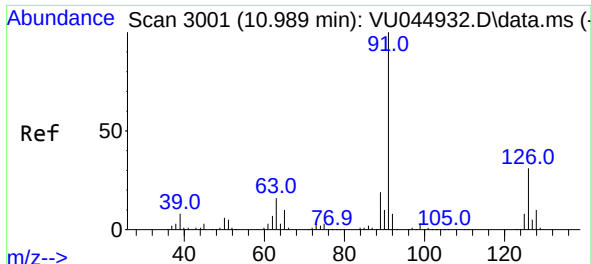


#78
n-propylbenzene
Concen: 48.480 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



Tgt Ion: 91 Resp: 619978
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





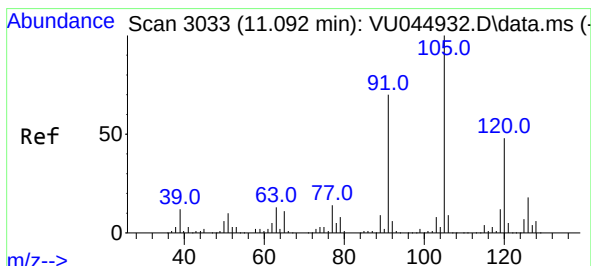
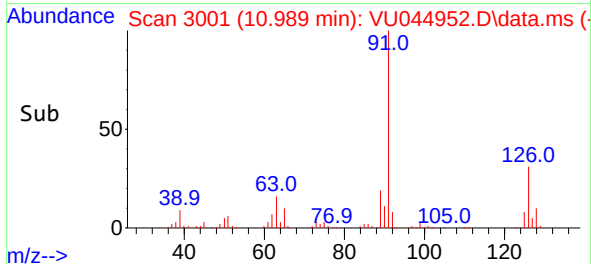
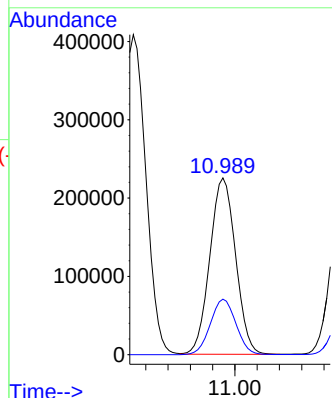
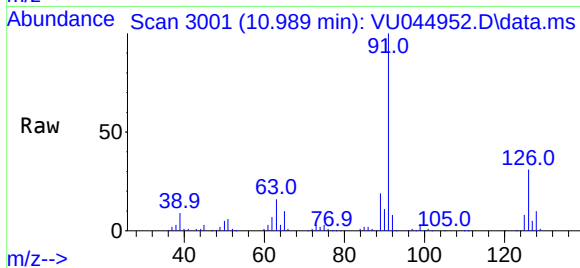
#79
2-Chlorotoluene
Concen: 45.188 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS

Tgt Ion: 91 Resp: 362230
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

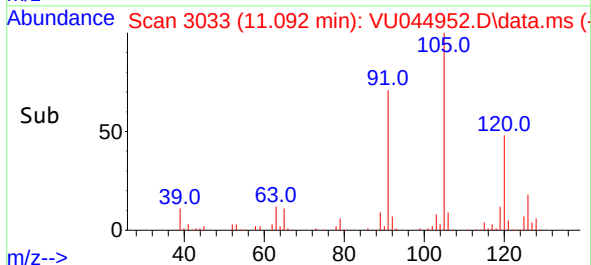
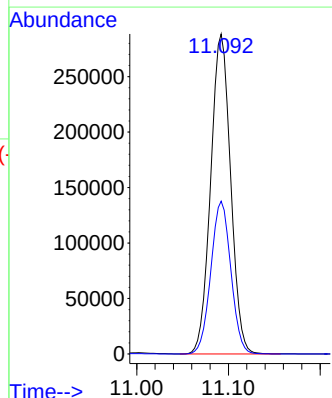
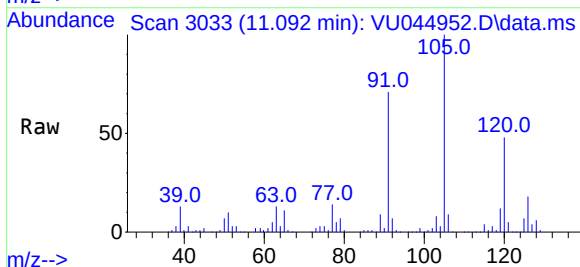
Manual Integrations
APPROVED

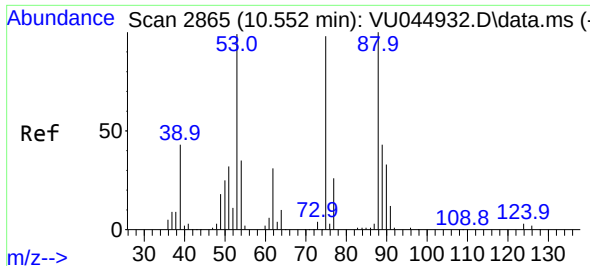
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 47.359 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

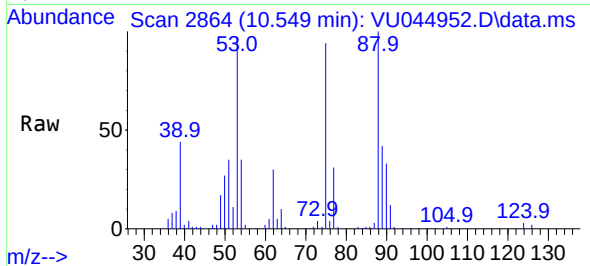
Tgt Ion:105 Resp: 435385
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 39.958 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

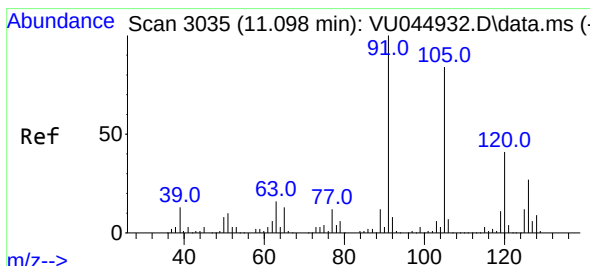
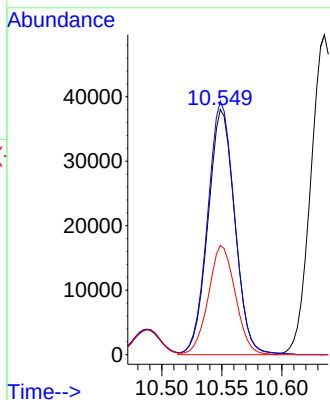
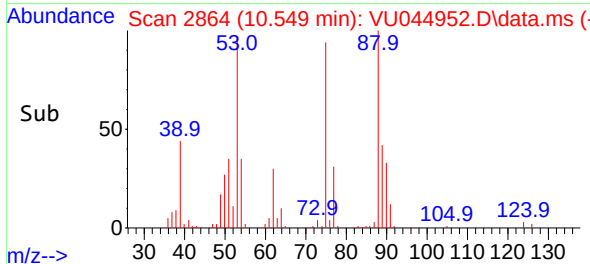
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 75 Resp: 5918
Ion Ratio Lower Upper
75 100
53 103.8 82.0 123.0
89 44.7 34.2 51.4

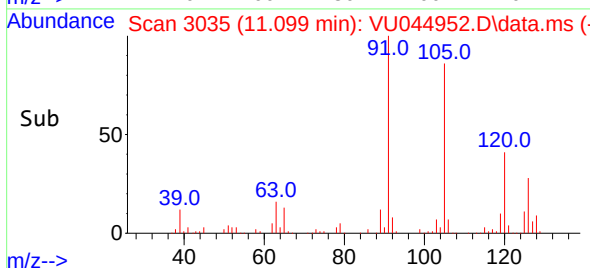
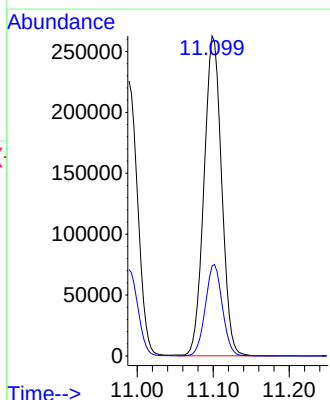
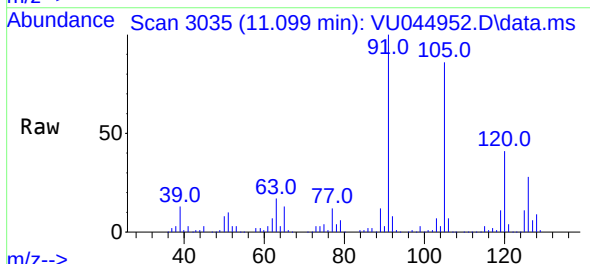
Manual Integrations
APPROVED

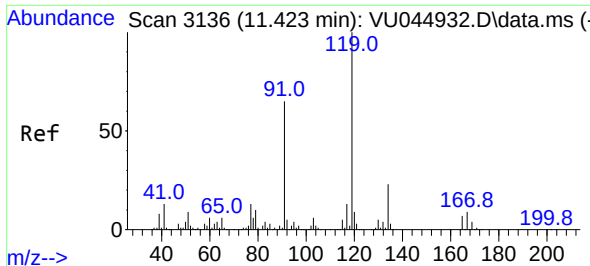
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 46.559 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

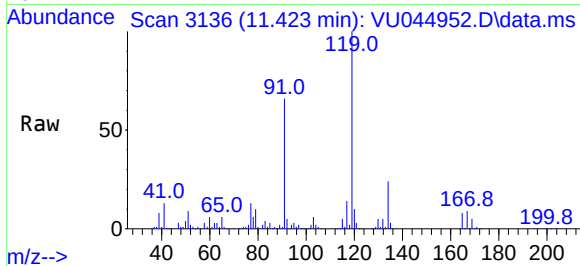
Tgt Ion: 91 Resp: 421854
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 45.802 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

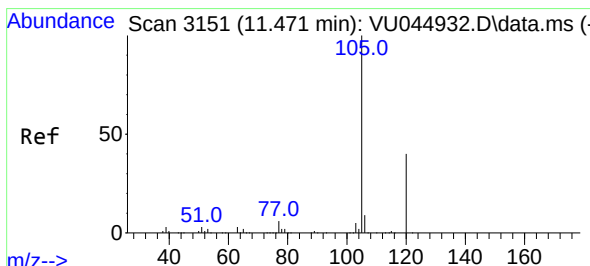
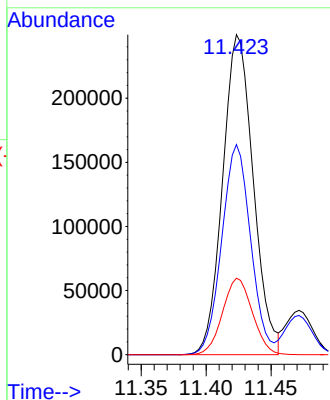
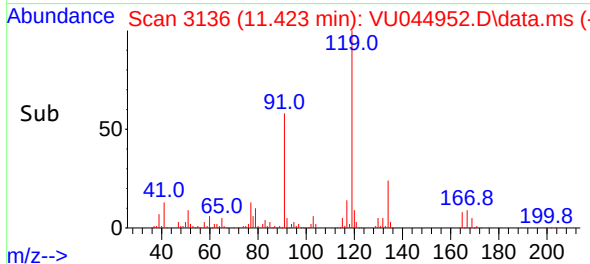
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



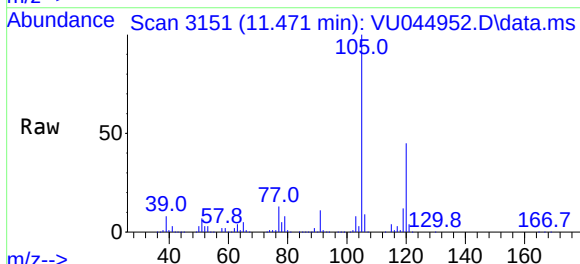
Tgt Ion:119 Resp: 409561
Ion Ratio Lower Upper
119 100
91 62.0 30.4 91.2
134 23.3 11.5 34.5

Manual Integrations
APPROVED

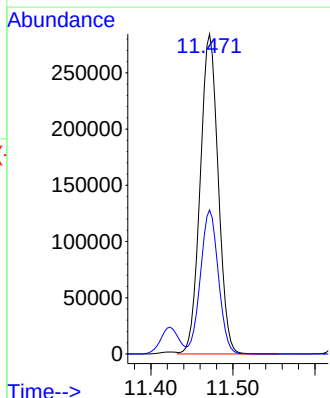
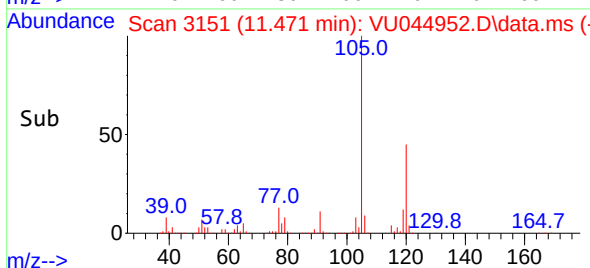
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

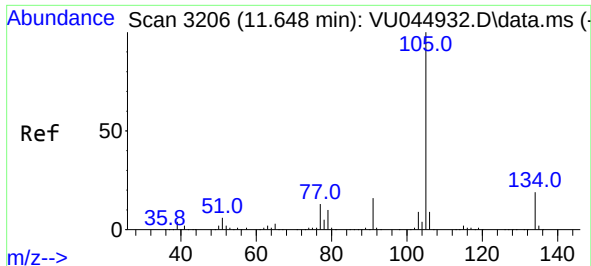


#84
1,2,4-Trimethylbenzene
Concen: 47.572 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



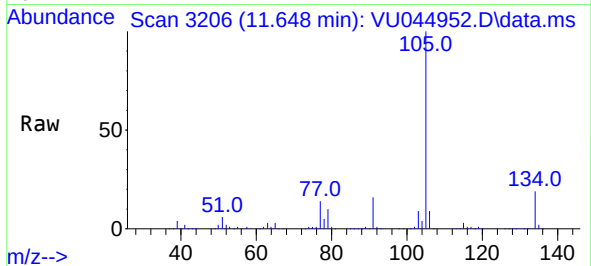
Tgt Ion:105 Resp: 432668
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 47.850 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28

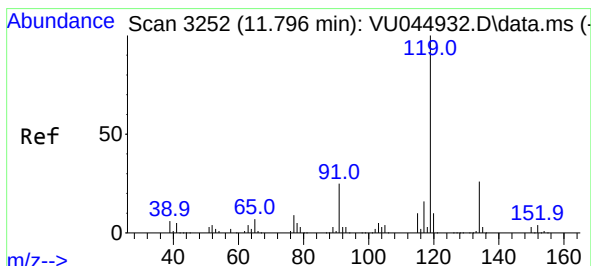
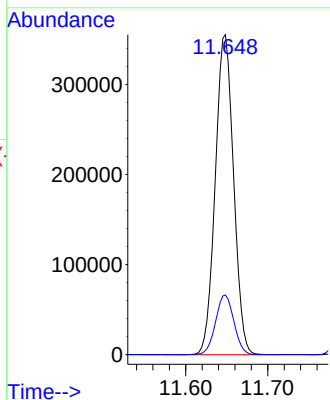
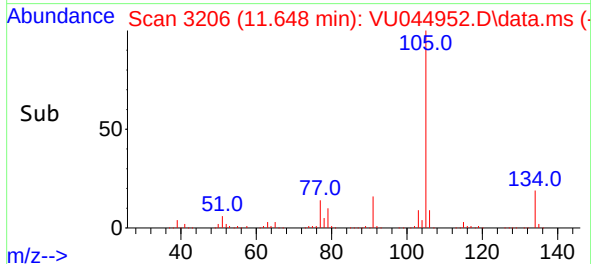
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MS



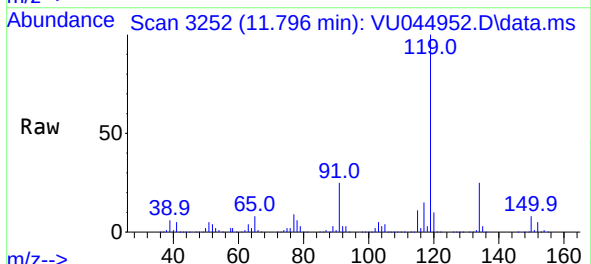
Tgt Ion:105 Resp: 55101
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0

Manual Integrations
 APPROVED

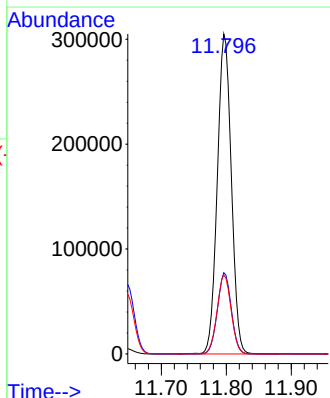
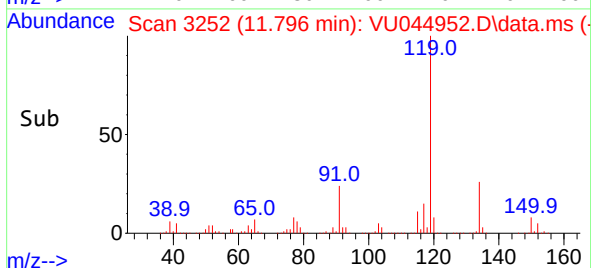
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

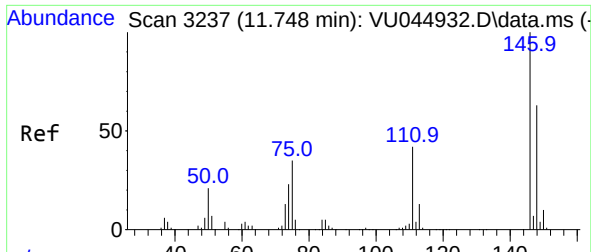


#86
 p-Isopropyltoluene
 Concen: 48.985 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044952.D
 Acq: 28 Sep 2021 19:28



Tgt Ion:119 Resp: 453753
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 45.260 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU044952.D

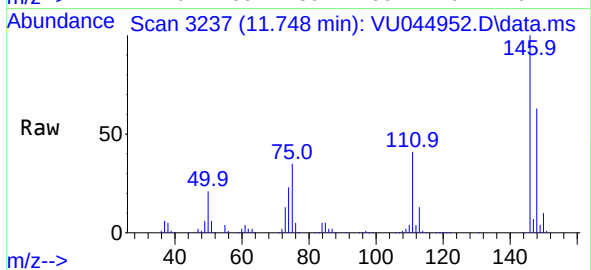
Acq: 28 Sep 2021 19:28

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MS



Tgt Ion:146 Resp: 21963

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

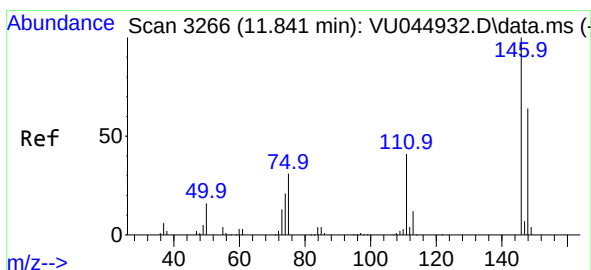
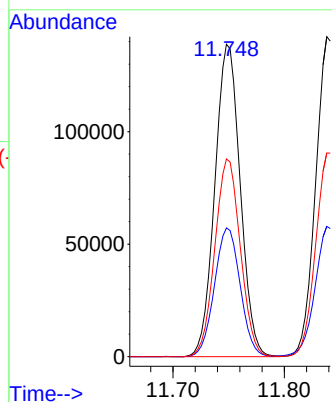
148 63.6 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 44.566 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU044952.D

Acq: 28 Sep 2021 19:28

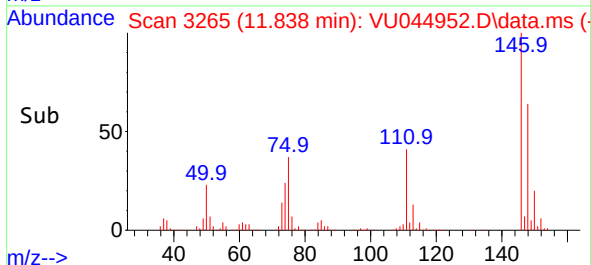
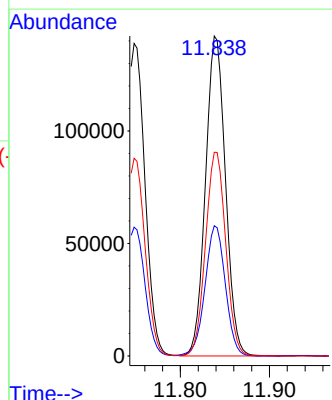
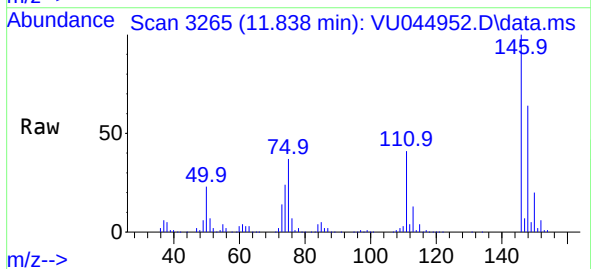
Tgt Ion:146 Resp: 221234

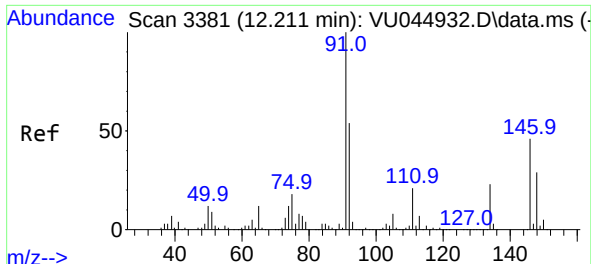
Ion Ratio Lower Upper

146 100

111 41.5 20.3 61.0

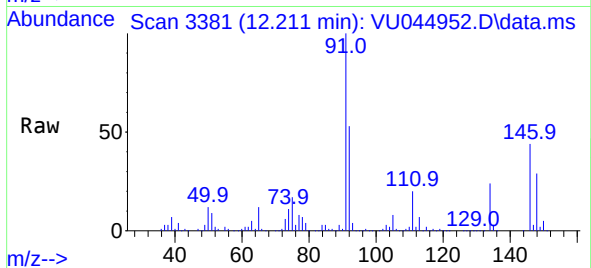
148 64.6 31.8 95.3





#89
n-Butylbenzene
Concen: 49.604 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

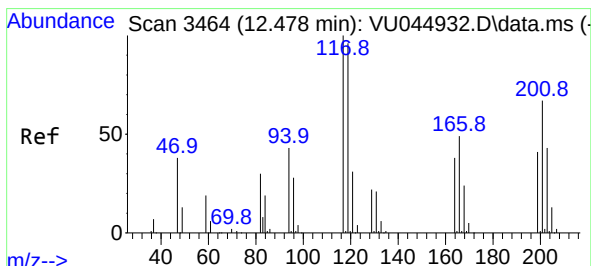
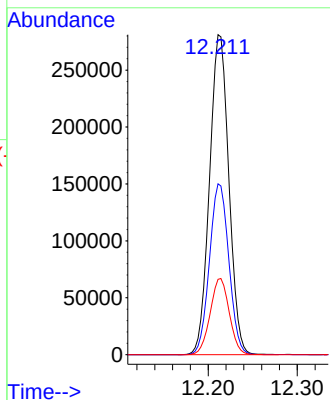
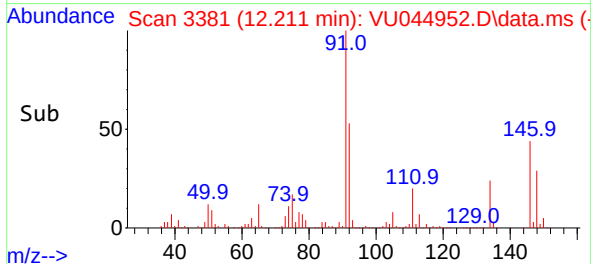
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



Tgt Ion: 91 Resp: 423200
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 23.6 11.8 35.4

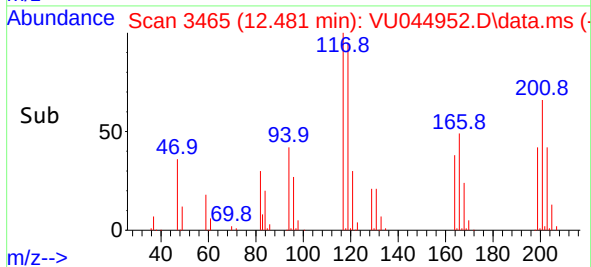
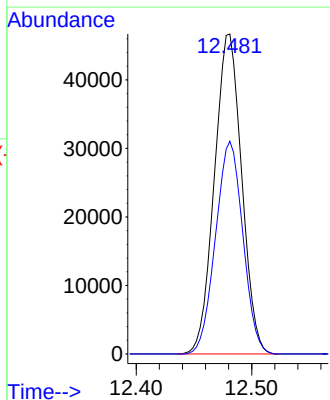
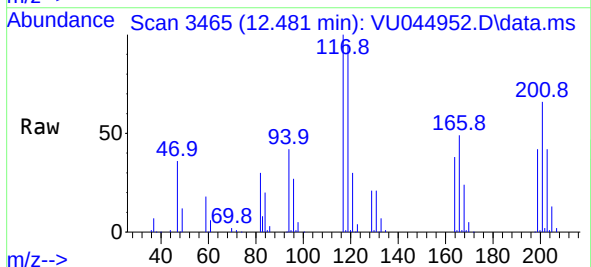
Manual Integrations
APPROVED

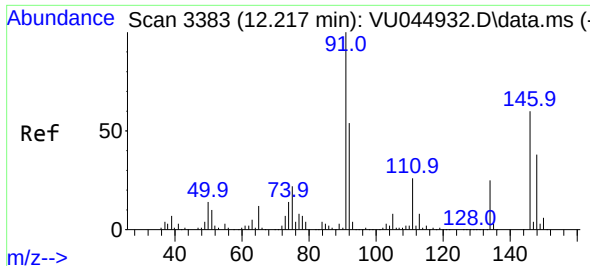
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 45.897 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

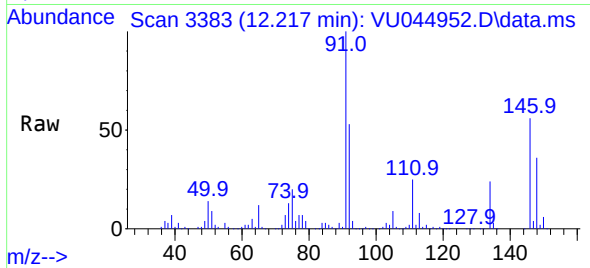
Tgt Ion:117 Resp: 76772
Ion Ratio Lower Upper
117 100
201 66.6 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 44.555 ug/l
RT: 12.217 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

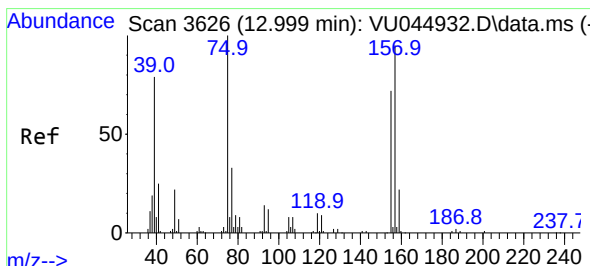
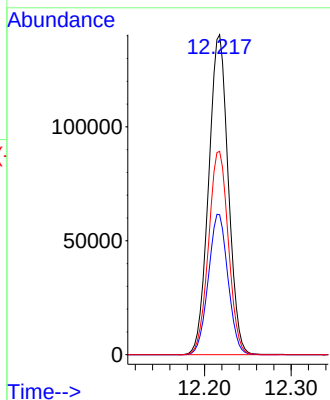
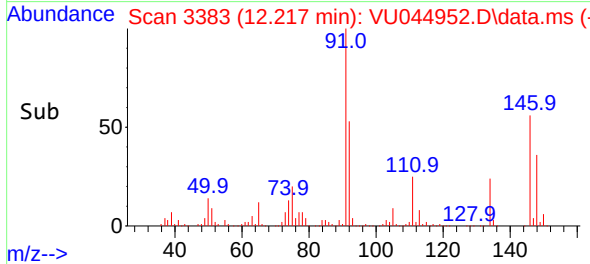
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



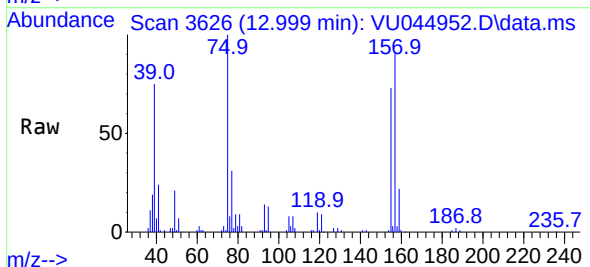
Tgt Ion:146 Resp: 22102
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 64.3 31.8 95.3

Manual Integrations
APPROVED

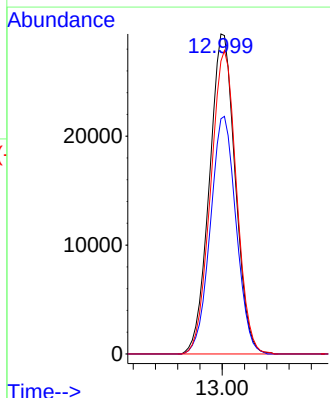
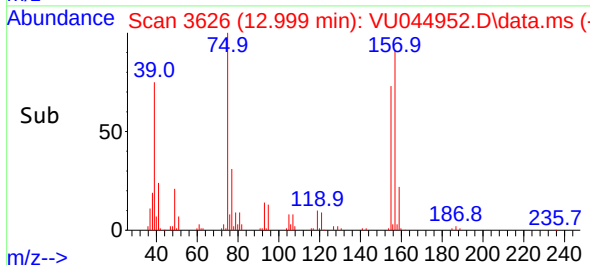
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

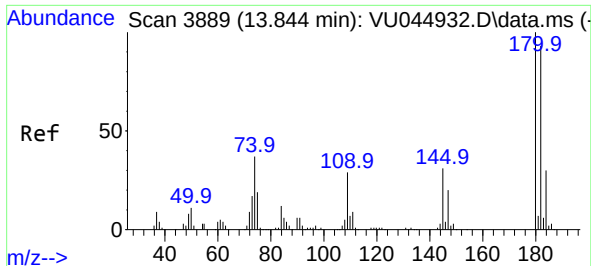


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.221 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



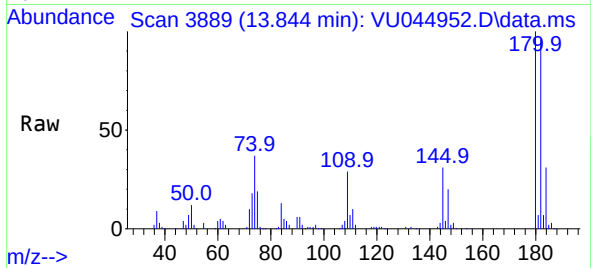
Tgt Ion: 75 Resp: 47377
Ion Ratio Lower Upper
75 100
155 73.9 36.9 110.6
157 94.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 47.711 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

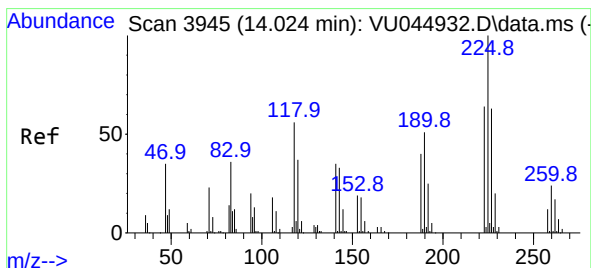
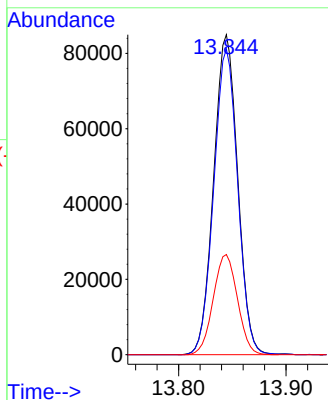
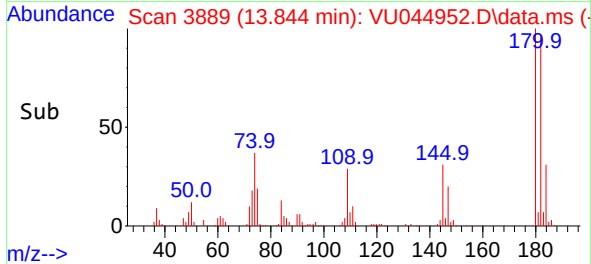
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



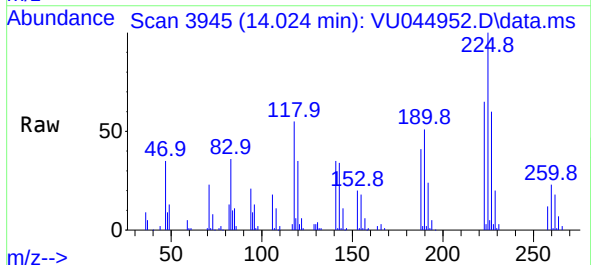
Tgt Ion:180 Resp: 131899
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 31.5 15.4 46.2

Manual Integrations
APPROVED

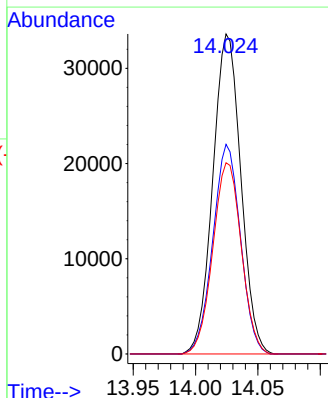
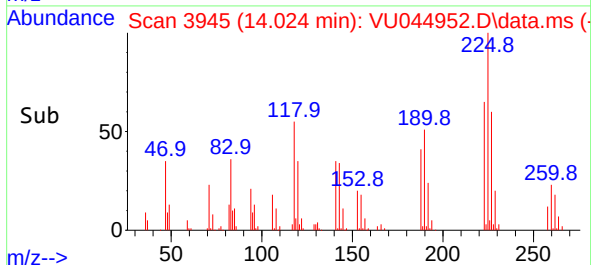
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

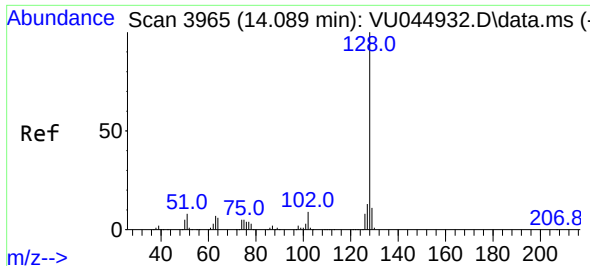


#94
Hexachlorobutadiene
Concen: 45.561 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



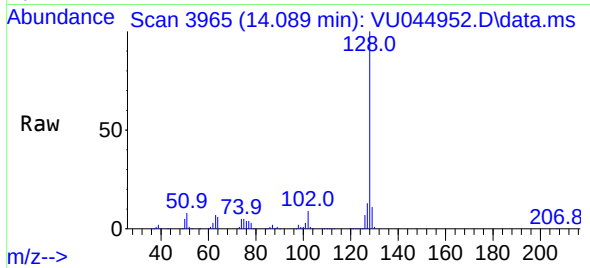
Tgt Ion:225 Resp: 52578
Ion Ratio Lower Upper
225 100
223 64.5 31.1 93.3
227 60.7 31.4 94.3





#95
Naphthalene
Concen: 46.215 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28

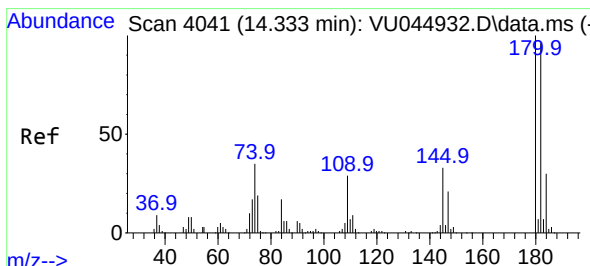
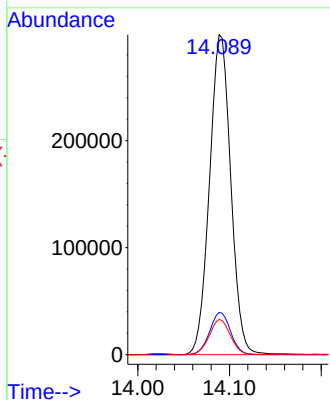
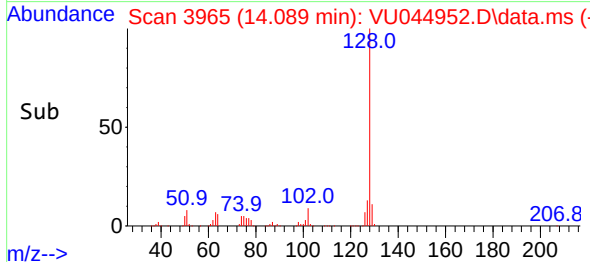
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MS



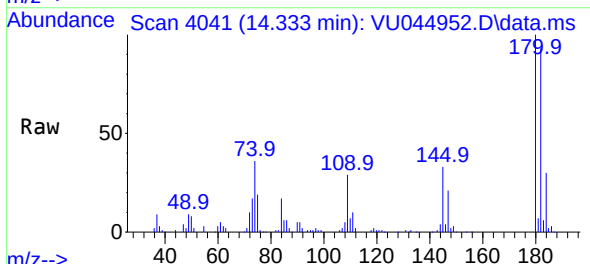
Tgt Ion:128 Resp: 480524
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.355 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044952.D
Acq: 28 Sep 2021 19:28



Tgt Ion:180 Resp: 131477
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 33.4 16.4 49.2

