

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044953.D
 Acq On : 28 Sep 2021 19:51
 Operator : SY/MD
 Sample : M3829-12MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MSD

Quant Time: Sep 29 05:47:24 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	147232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	268770	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	261877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	131840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	124901	50.962	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.295	113	86986	51.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	7.902	98	346239	51.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.360%			
62) 4-Bromofluorobenzene	10.635	95	131708	47.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91735	50.315	ug/l	99
3) Chloromethane	1.523	50	108978	46.146	ug/l	99
4) Vinyl Chloride	1.607	62	120706	51.189	ug/l	99
5) Bromomethane	1.848	94	81315	87.912	ug/l	100
6) Chloroethane	1.932	64	78244	43.193	ug/l	98
7) Trichlorofluoromethane	2.141	101	156165	50.149	ug/l	98
8) Diethyl Ether	2.378	74	70610	49.477	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.581	101	88989	50.248	ug/l	99
10) Methyl Iodide	2.726	142	78975	41.781	ug/l	97
11) Tert butyl alcohol	3.182	59	129146	183.600	ug/l	100
12) 1,1-Dichloroethene	2.581	96	89285	51.148	ug/l	92
13) Acrolein	2.488	56	33296	242.862	ug/l	98
14) Allyl chloride	2.928	41	156339	48.395	ug/l	94
15) Acrylonitrile	3.317	53	334919	236.089	ug/l	100
16) Acetone	2.626	43	273751	188.173	ug/l	99
17) Carbon Disulfide	2.796	76	251781	48.861	ug/l	100
18) Methyl Acetate	2.951	43	199437	46.906	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	334038	49.571	ug/l	99
20) Methylene Chloride	3.051	84	107139	48.895	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	94901	49.697	ug/l	98
22) Diisopropyl ether	3.999	45	318148	48.238	ug/l	97
23) Vinyl Acetate	3.960	43	1340670	249.933	ug/l	98
24) 1,1-Dichloroethane	3.874	63	190358	50.277	ug/l	99
25) 2-Butanone	4.703	43	454206	219.752	ug/l	98
26) 2,2-Dichloropropane	4.671	77	145405	45.424	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	112752	49.993	ug/l	98
28) Bromochloromethane	4.980	49	81832	52.146	ug/l	95
29) Tetrahydrofuran	5.054	42	295796	240.410	ug/l	96
30) Chloroform	5.095	83	189337	49.615	ug/l	97
31) Cyclohexane	5.391	56	172428	46.316	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	157716	50.090	ug/l	99
36) 1,1-Dichloropropene	5.529	75	139625	49.676	ug/l	99
37) Ethyl Acetate	4.806	43	176165	47.370	ug/l	99
38) Carbon Tetrachloride	5.529	117	127002	52.218	ug/l	98
39) Methylcyclohexane	6.767	83	168347	48.789	ug/l	96
40) Benzene	5.780	78	411460	49.152	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	93070	48.613	ug/l	96
42) 1,2-Dichloroethane	5.800	62	161846	49.189	ug/l	100
43) Isopropyl Acetate	5.915	43	267444	47.802	ug/l	98
44) Trichloroethene	6.546	130	427290	216.490	ug/l	99
45) 1,2-Dichloropropane	6.796	63	108053	48.685	ug/l	96
46) Dibromomethane	6.922	93	74874	50.079	ug/l	98
47) Bromodichloromethane	7.108	83	147439	50.789	ug/l	99
48) Methyl methacrylate	6.964	41	128756	47.279	ug/l	95
49) 1,4-Dioxane	6.964	88	42967	603.787	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	900952	221.195	ug/l	99
52) Toluene	7.973	92	261126	49.840	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	164826	49.651	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	174535	50.474	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	106265	48.678	ug/l	99
56) Ethyl methacrylate	8.336	69	180447	42.841	ug/l	99
57) 1,3-Dichloropropane	8.578	76	188306	48.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1781	23.071	ug/l	95
59) 2-Hexanone	8.687	43	705938	212.832	ug/l	97
60) Dibromochloromethane	8.816	129	105122	45.615	ug/l	99
61) 1,2-Dibromoethane	8.928	107	114394	49.297	ug/l	100
64) Tetrachloroethene	8.558	164	85485	50.014	ug/l	95
65) Chlorobenzene	9.449	112	268418	48.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	92656	48.337	ug/l	99
67) Ethyl Benzene	9.574	91	505357	50.019	ug/l	100
68) m/p-Xylenes	9.697	106	383600	97.729	ug/l	97
69) o-Xylene	10.102	106	189358	48.608	ug/l	100
70) Styrene	10.118	104	314973	48.195	ug/l	99
71) Bromoform	10.295	173	75203	41.125	ug/l #	99
73) Isopropylbenzene	10.488	105	490731	49.983	ug/l	99
74) N-amyl acetate	10.324	43	231688	46.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	187815	44.212	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	167414m	43.535	ug/l	
77) Bromobenzene	10.787	156	113277	47.781	ug/l	99
78) n-propylbenzene	10.909	91	604409	50.517	ug/l	100
79) 2-Chlorotoluene	10.989	91	356534	47.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	424079	49.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	58473	42.198	ug/l	99
82) 4-Chlorotoluene	11.098	91	411659	48.562	ug/l	100
83) tert-Butylbenzene	11.423	119	401582	48.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	422965	49.707	ug/l	99
85) sec-Butylbenzene	11.648	105	536791	49.825	ug/l	100
86) p-Isopropyltoluene	11.796	119	435913	50.300	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	216256	47.633	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	218238	46.990	ug/l	99
89) n-Butylbenzene	12.211	91	411369	51.537	ug/l	99
90) Hexachloroethane	12.478	117	73643	47.058	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	216862	46.727	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	47224	47.114	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	133379	51.569	ug/l	99
94) Hexachlorobutadiene	14.024	225	50864	47.110	ug/l	98
95) Naphthalene	14.089	128	498709	51.267	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	133446	51.374	ug/l	99

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

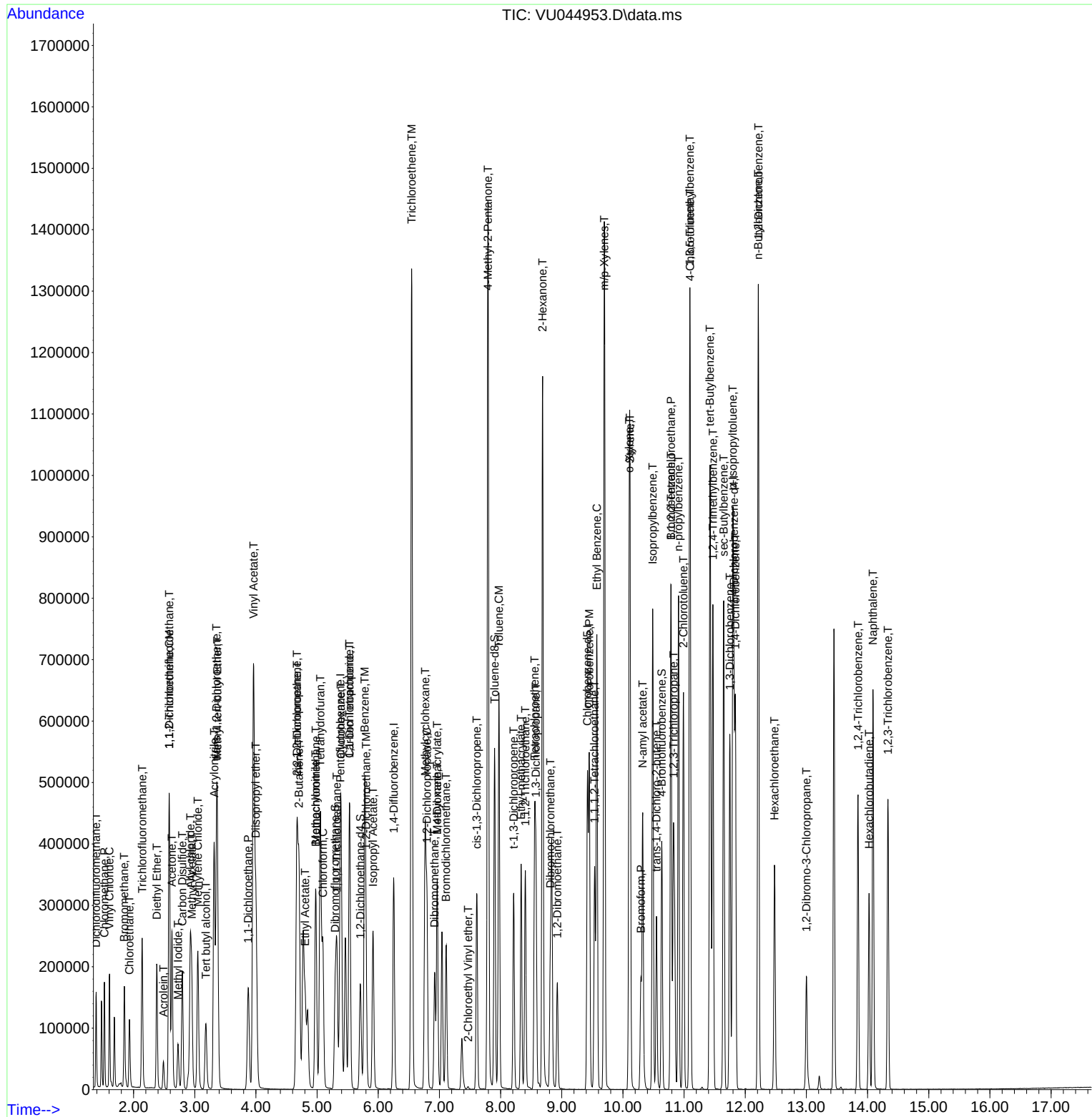
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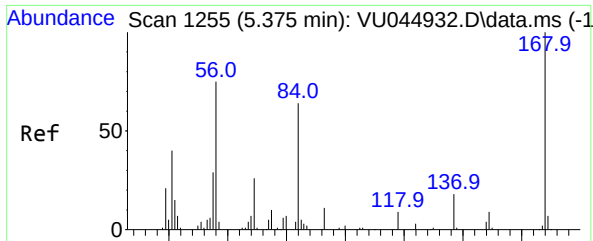
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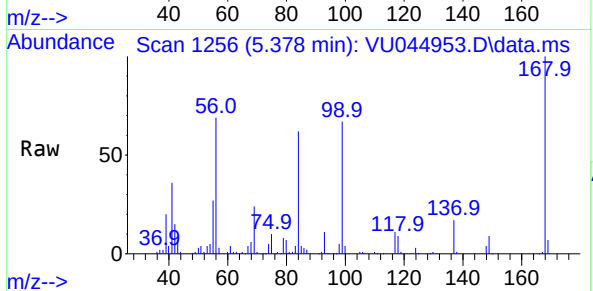
Reviewed By : John Carlone 09/29/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044953.D
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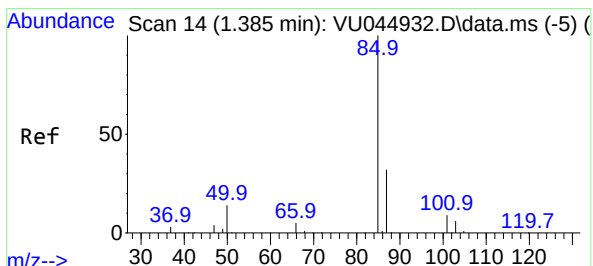
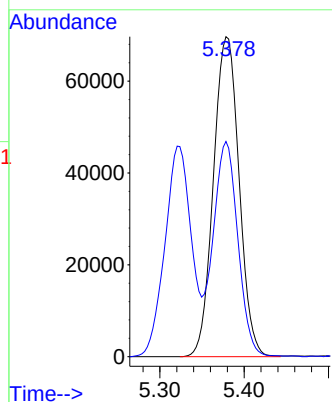
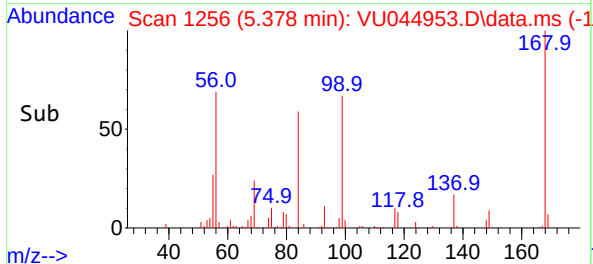
Instrument :
MSVOA_U
ClientSampleId :
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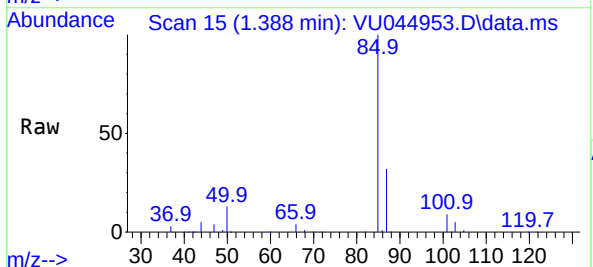
Tgt Ion:168 Resp: 14723
Ion Ratio Lower Upper
168 100
99 67.0 51.4 77.0

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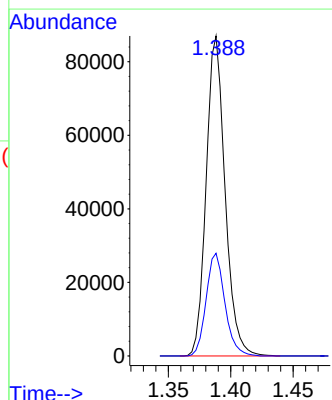
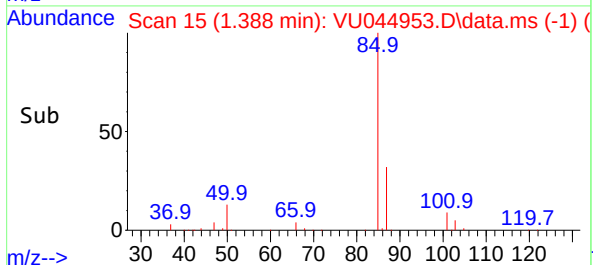
Reviewed By :John Carlone 09/29/2021
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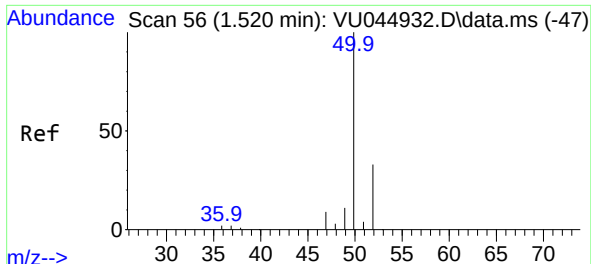


#2
Dichlorodifluoromethane
Concen: 50.315 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



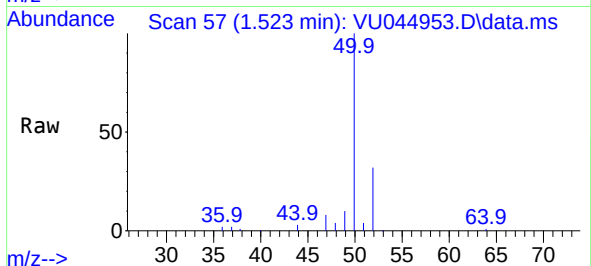
Tgt Ion: 85 Resp: 91735
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 46.146 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

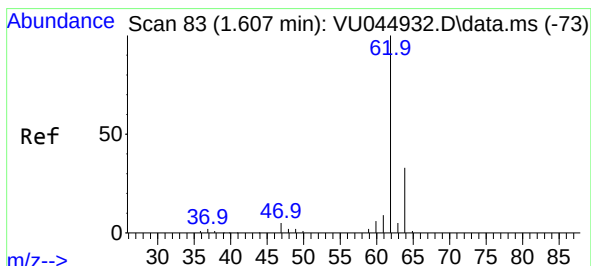
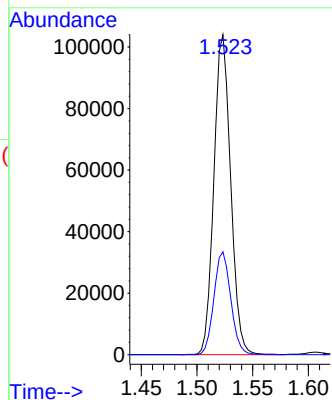
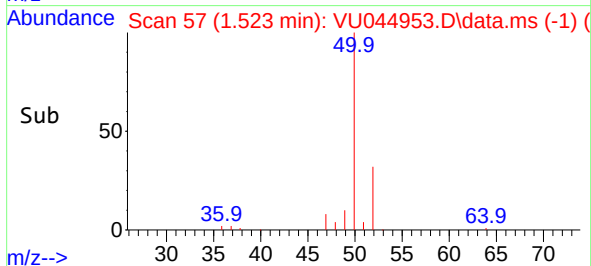
Instrument :
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Tgt Ion: 50 Resp: 108978
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5

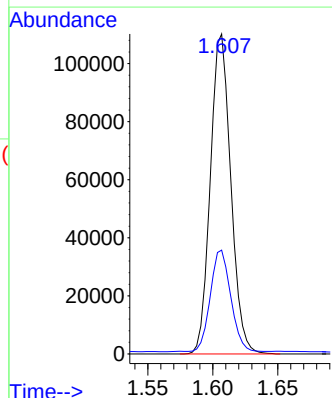
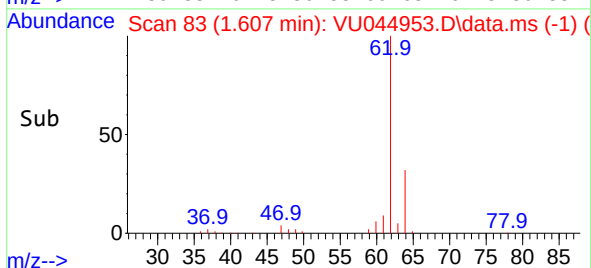
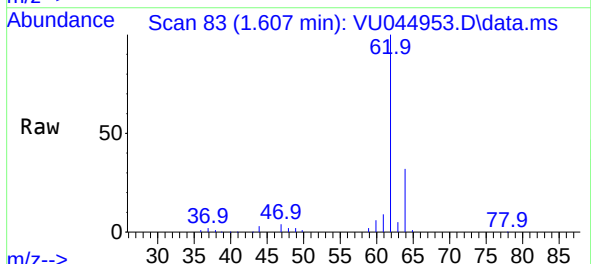
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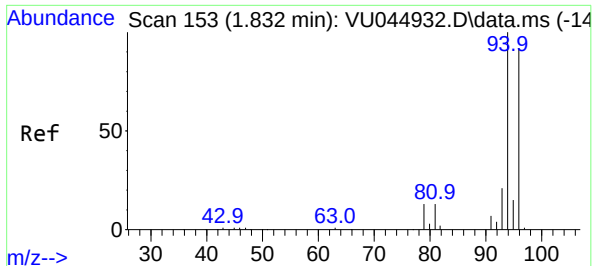
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#4
Vinyl Chloride
Concen: 51.189 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

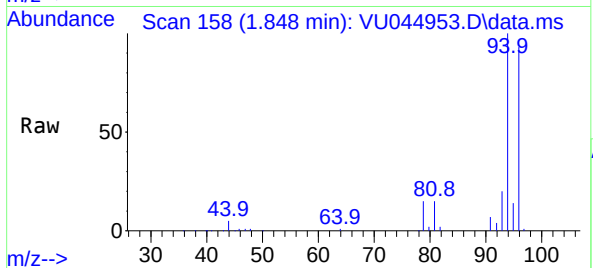
Tgt Ion: 62 Resp: 120706
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4





#5
Bromomethane
Concen: 87.912 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

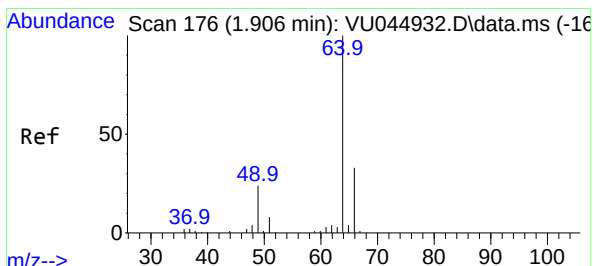
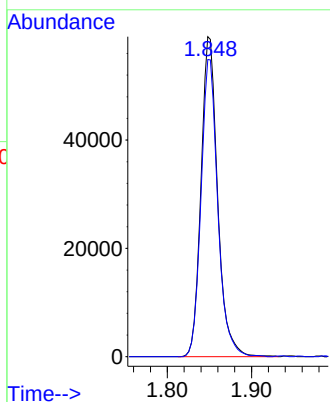
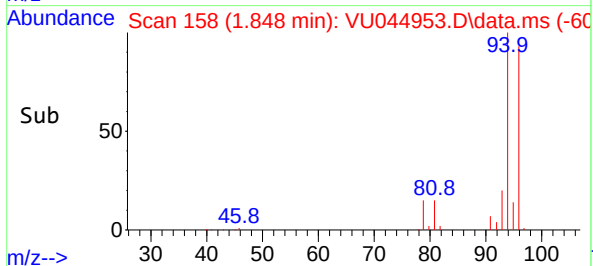
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Tgt Ion: 94 Resp: 81315
Ion Ratio Lower Upper
94 100
96 92.9 74.5 111.7

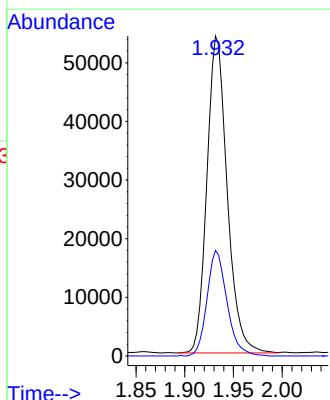
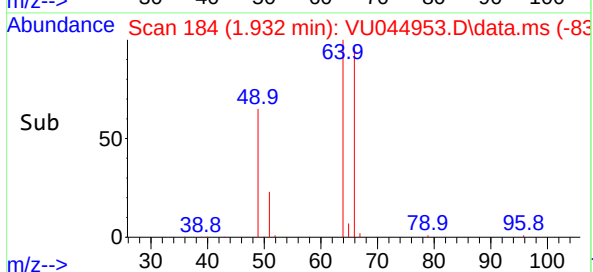
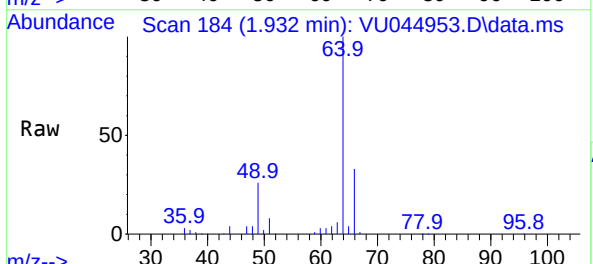
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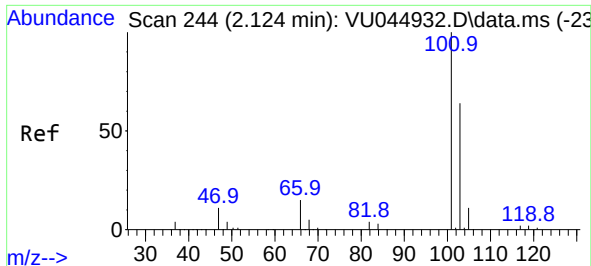
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#6
Chloroethane
Concen: 43.193 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.026 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

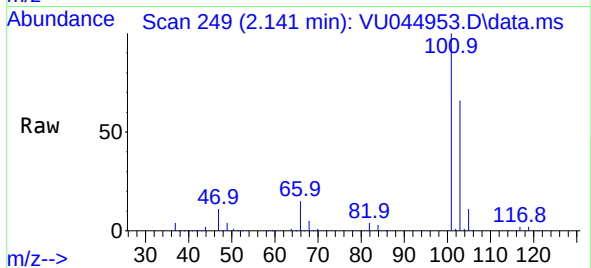
Tgt Ion: 64 Resp: 78244
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.8





#7
Trichlorofluoromethane
Concen: 50.149 ug/l
RT: 2.141 min Scan# 244
Delta R.T. 0.017 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

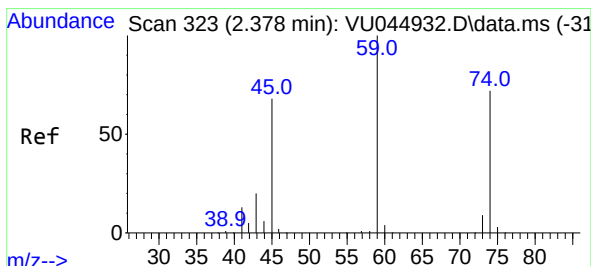
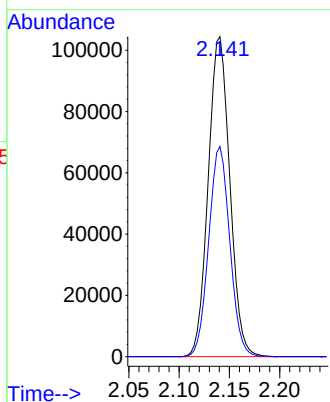
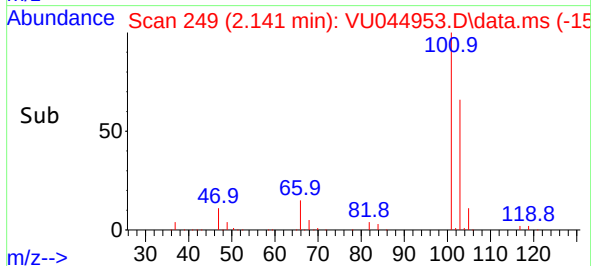
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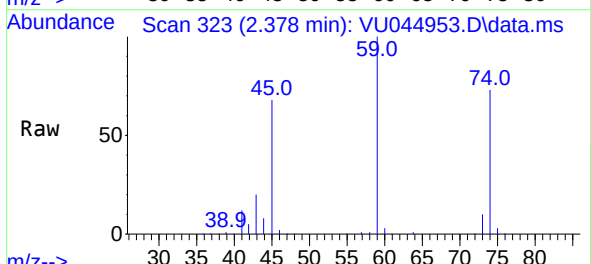
Tgt Ion:101 Resp: 15616
Ion Ratio Lower Upper
101 100
103 65.7 51.2 76.8

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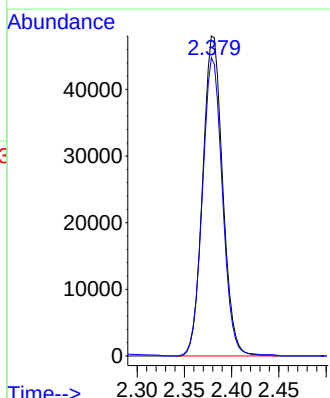
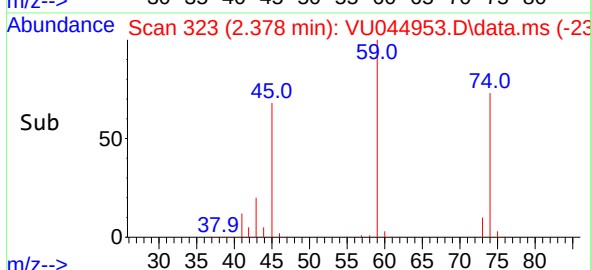
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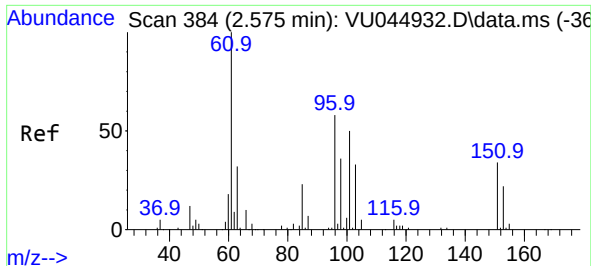


#8
Diethyl Ether
Concen: 49.477 ug/l
RT: 2.378 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



Tgt Ion: 74 Resp: 70610
Ion Ratio Lower Upper
74 100
45 93.5 52.2 156.6





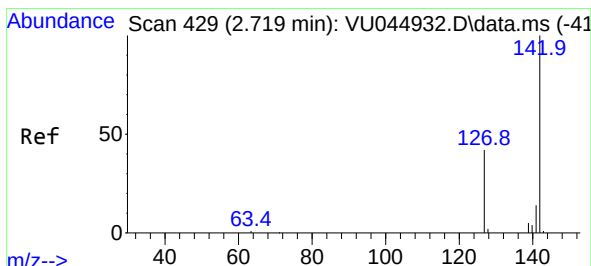
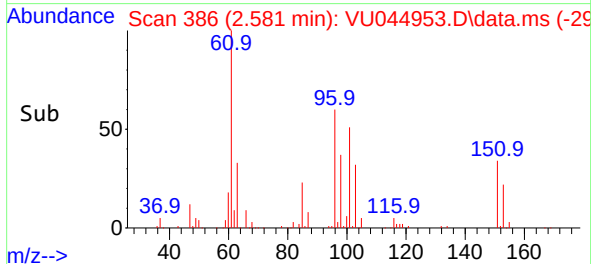
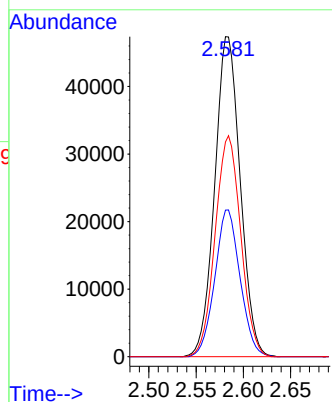
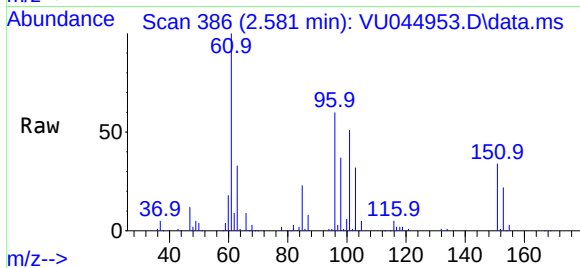
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.248 ug/l
RT: 2.581 min Scan# 384
Delta R.T. 0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion:101 Resp: 88989
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 69.3 55.8 83.8

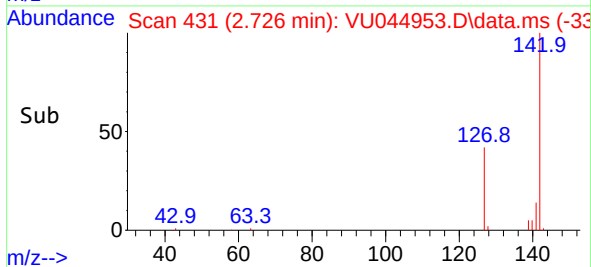
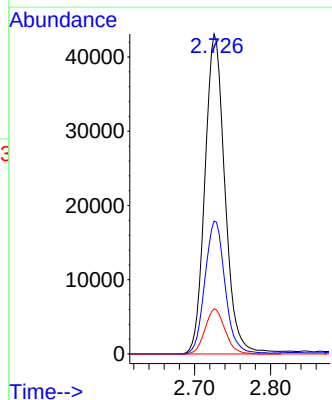
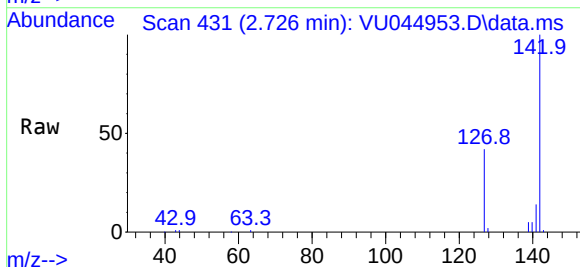
Manual Integrations
APPROVED

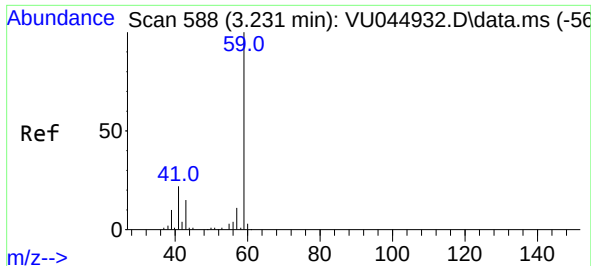
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 41.781 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

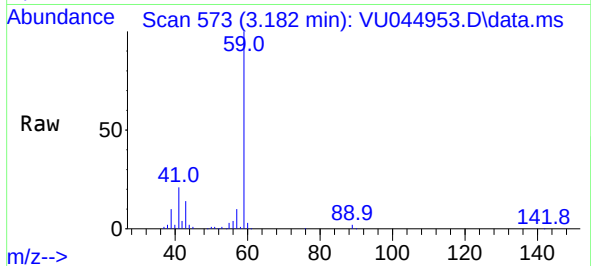
Tgt Ion:142 Resp: 78975
Ion Ratio Lower Upper
142 100
127 41.9 35.6 53.4
141 14.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 183.600 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.049 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

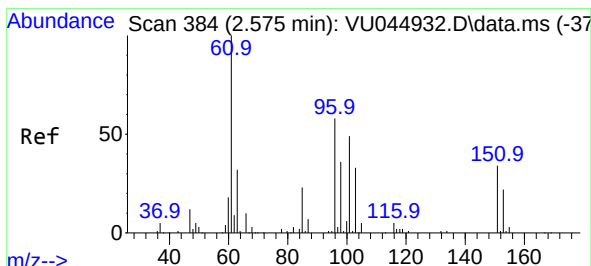
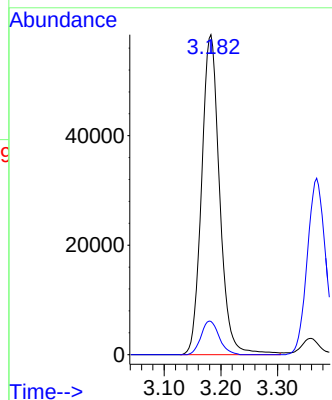
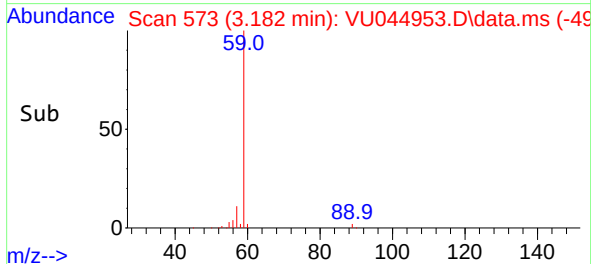
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



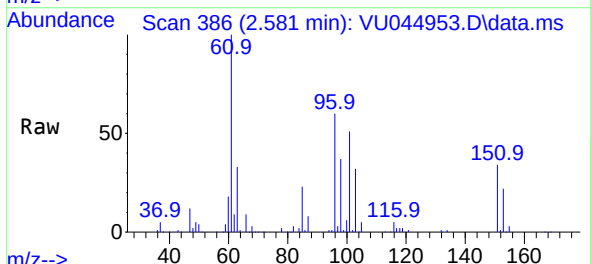
Tgt Ion: 59 Resp: 129140
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

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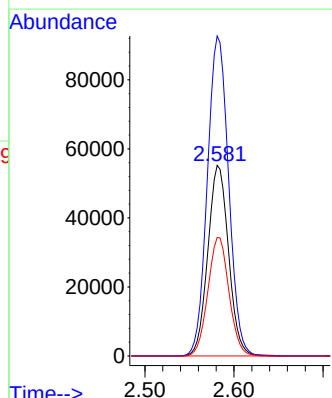
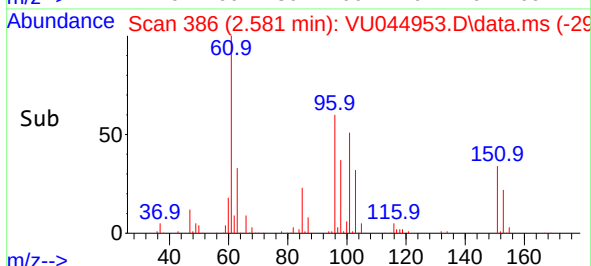
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

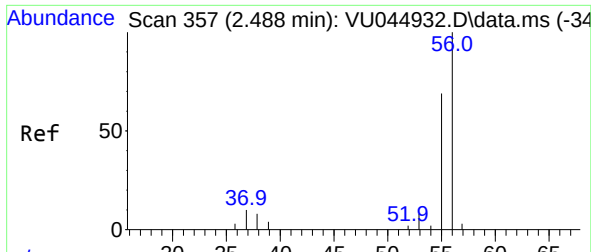


#12
1,1-Dichloroethene
Concen: 51.148 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



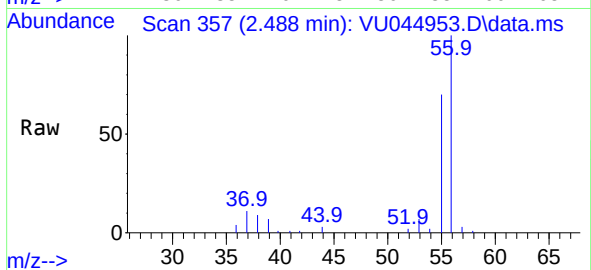
Tgt Ion: 96 Resp: 89285
Ion Ratio Lower Upper
96 100
61 168.0 145.4 218.0
98 62.2 50.9 76.3





#13
Acrolein
Concen: 242.862 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

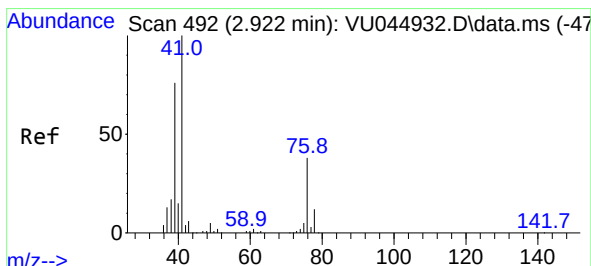
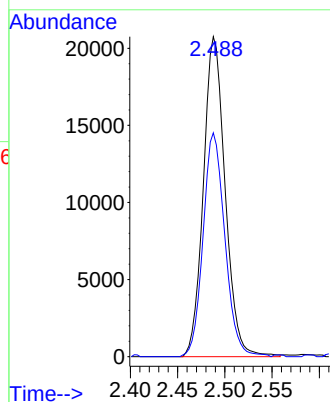
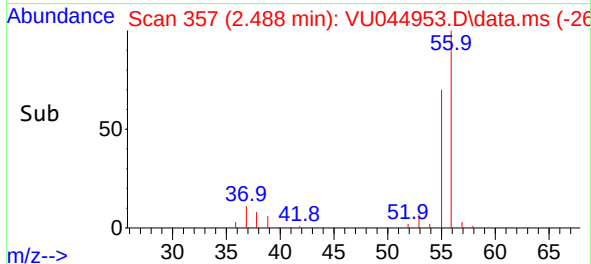
Instrument : MSVOA_U
ClientSampleId : RE105D2-20210917MSD



Tgt Ion: 56 Resp: 33290
Ion Ratio Lower Upper
56 100
55 69.8 57.4 86.0

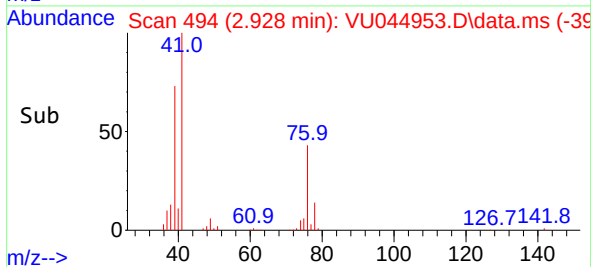
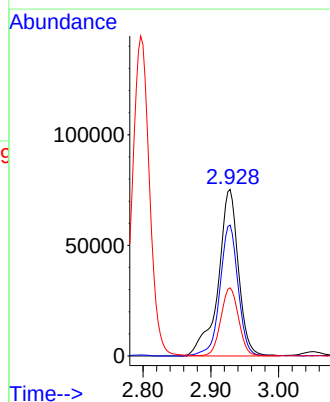
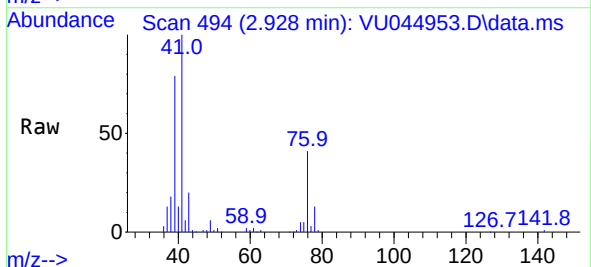
Manual Integrations
APPROVED

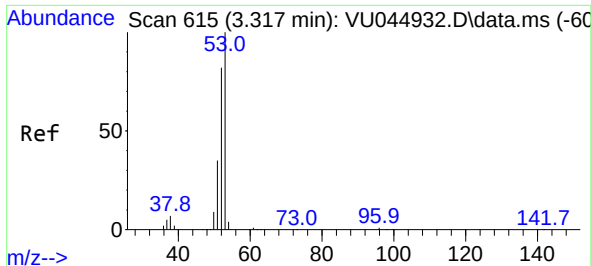
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#14
Allyl chloride
Concen: 48.395 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

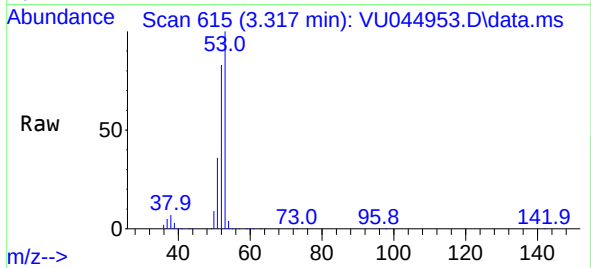
Tgt Ion: 41 Resp: 156339
Ion Ratio Lower Upper
41 100
39 70.6 53.0 79.6
76 35.5 25.7 38.5





#15
Acrylonitrile
Concen: 236.089 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

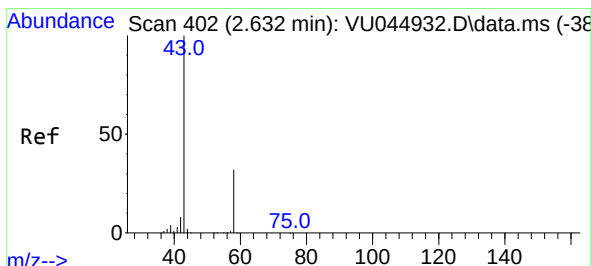
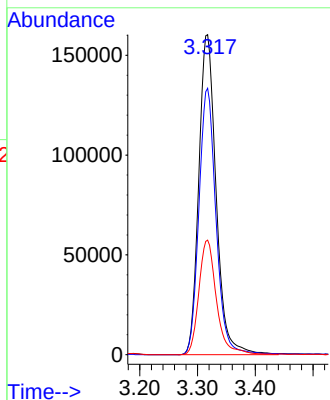
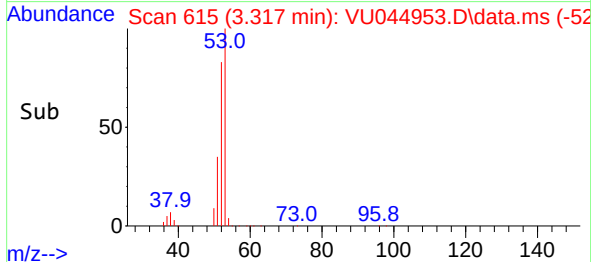
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 53 Resp: 334919
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.5 28.6 42.8

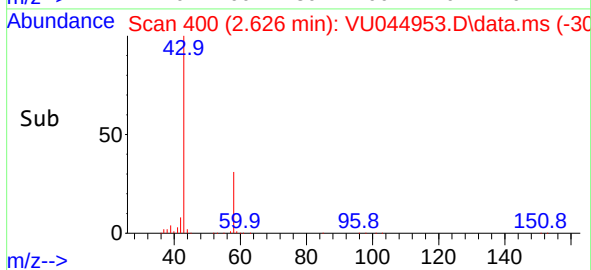
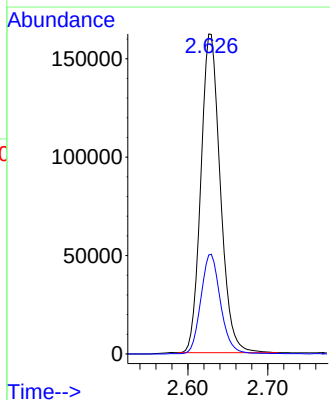
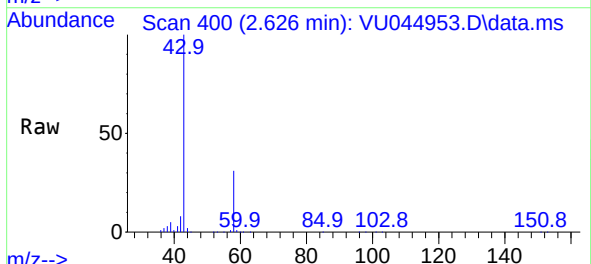
Manual Integrations
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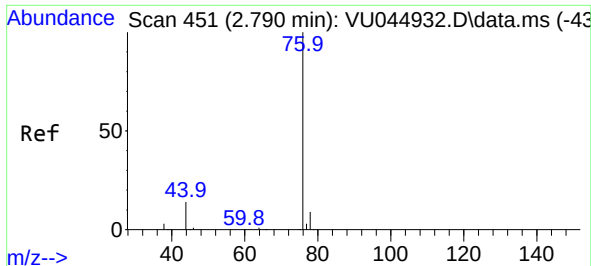
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#16
Acetone
Concen: 188.173 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

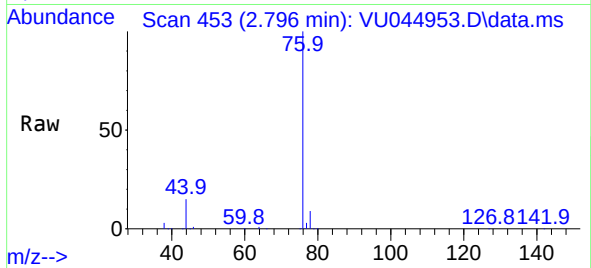
Tgt Ion: 43 Resp: 273751
Ion Ratio Lower Upper
43 100
58 31.0 25.2 37.8





#17
Carbon Disulfide
Concen: 48.861 ug/l
RT: 2.796 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

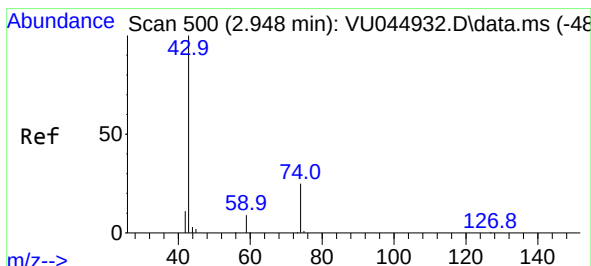
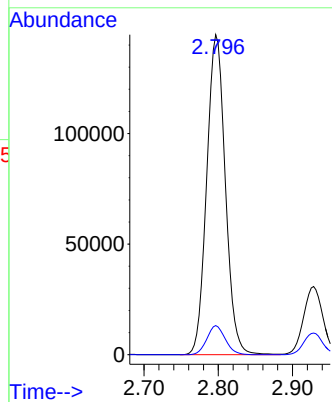
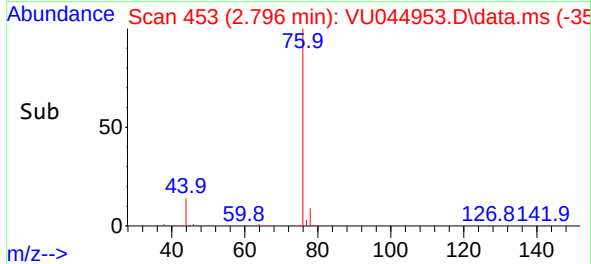
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 76 Resp: 25178
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

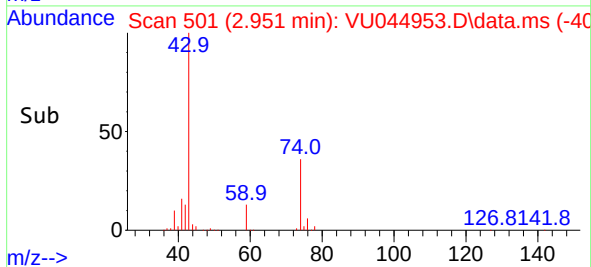
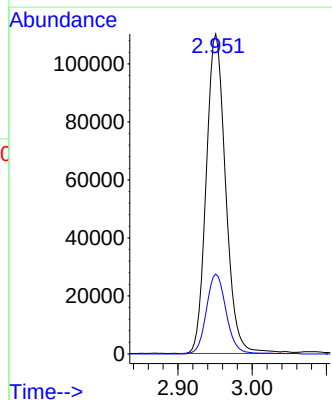
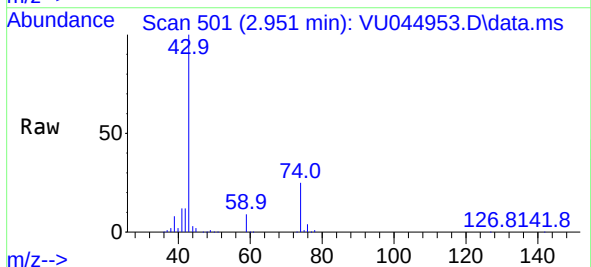
Manual Integrations
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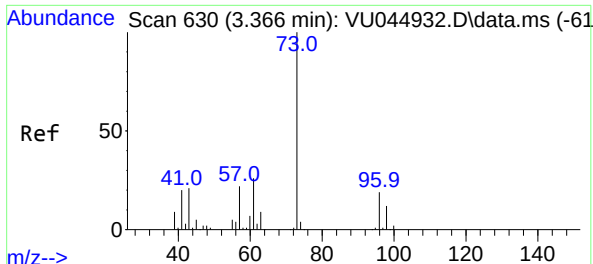
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 46.906 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion: 43 Resp: 199437
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 49.571 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion: 73 Resp: 334038

Ion Ratio Lower Upper

73 100

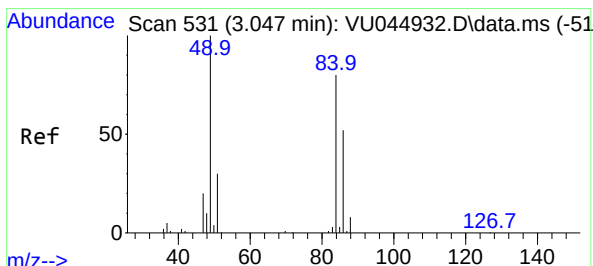
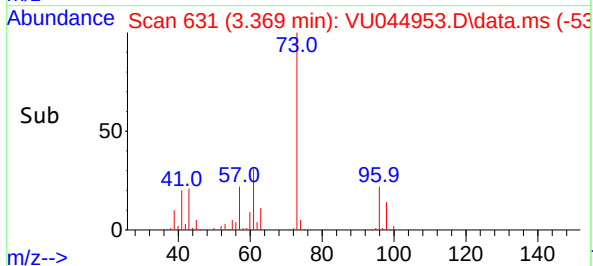
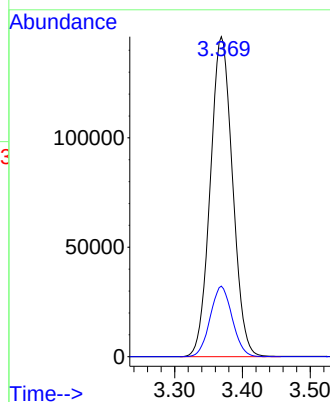
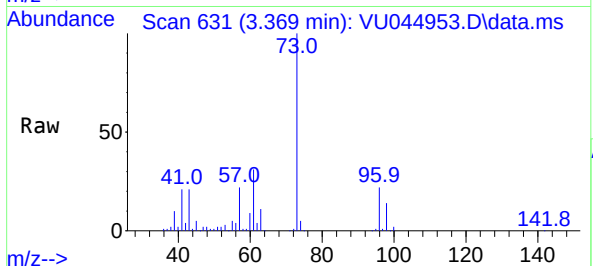
57 22.0 18.2 27.2

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#20

Methylene Chloride

Concen: 48.895 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Tgt Ion: 84 Resp: 107139

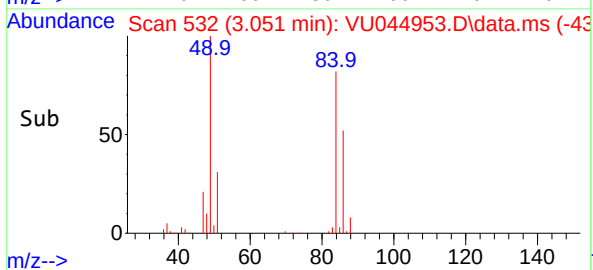
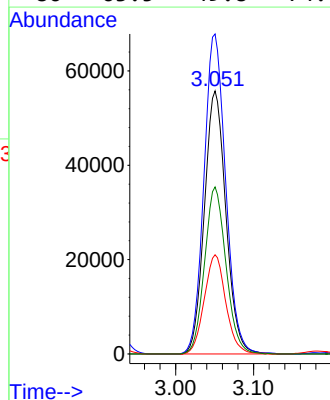
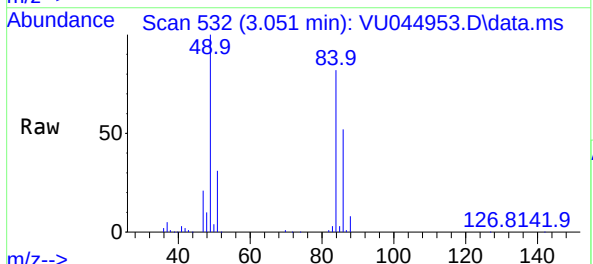
Ion Ratio Lower Upper

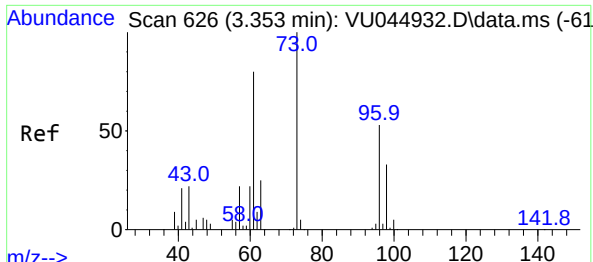
84 100

49 121.7 104.9 157.3

51 37.7 31.8 47.8

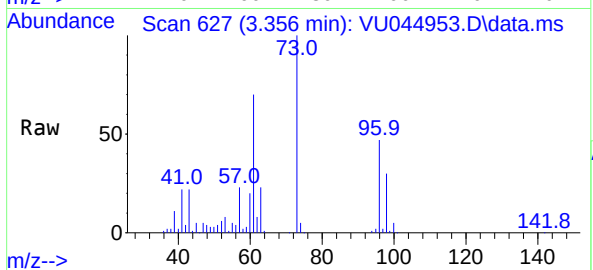
86 63.5 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 49.697 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

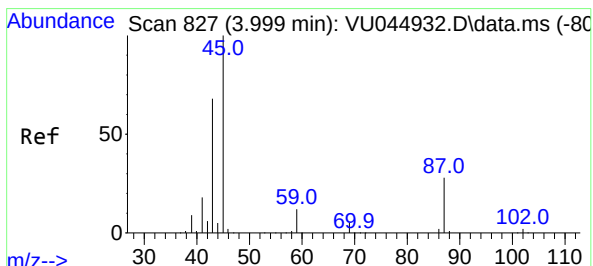
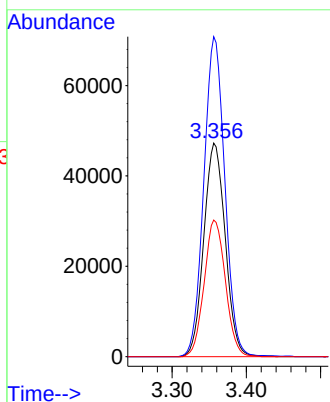
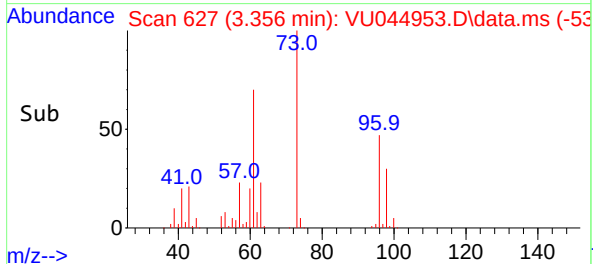
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 96 Resp: 9490
Ion Ratio Lower Upper
96 100
61 149.9 123.2 184.8
98 64.0 51.0 76.6

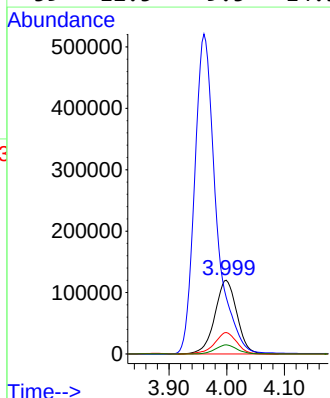
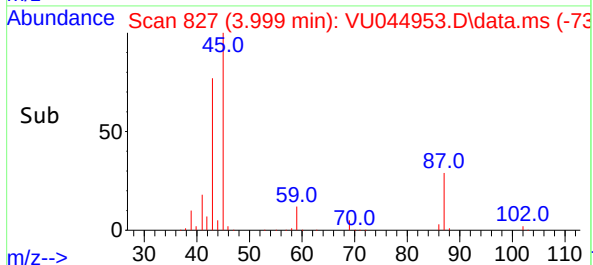
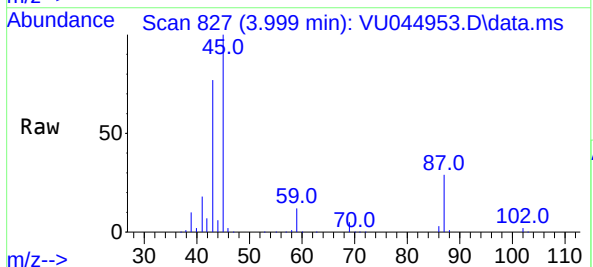
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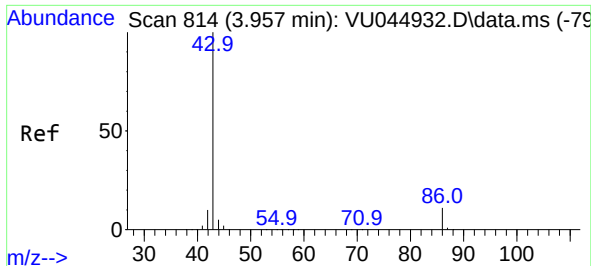
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#22
Diisopropyl ether
Concen: 48.238 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

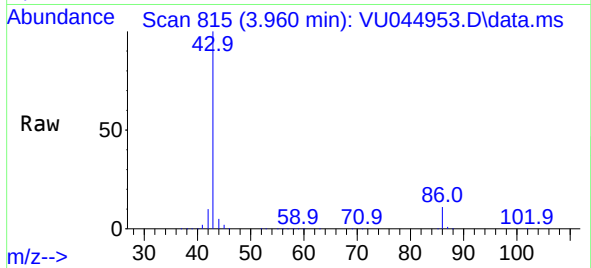
Tgt Ion: 45 Resp: 318148
Ion Ratio Lower Upper
45 100
43 75.7 62.3 93.5
87 29.0 21.0 31.4
59 12.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 249.933 ug/l
 RT: 3.960 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

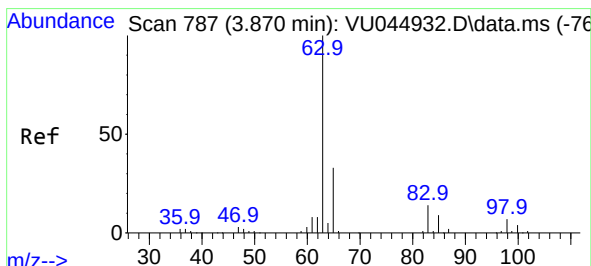
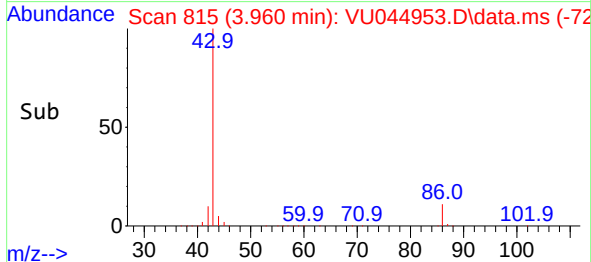
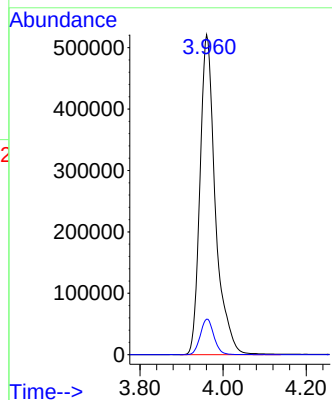
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MSD



Tgt Ion: 43 Resp: 1340670
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4

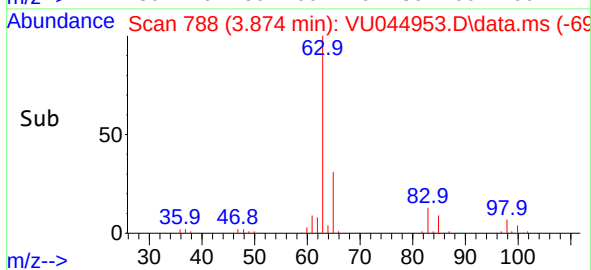
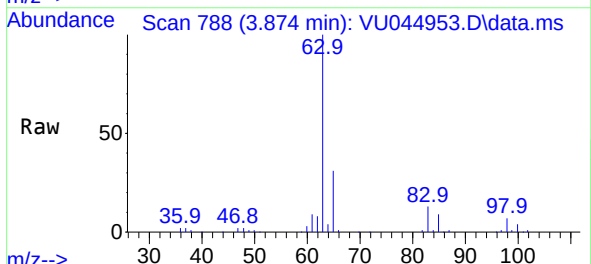
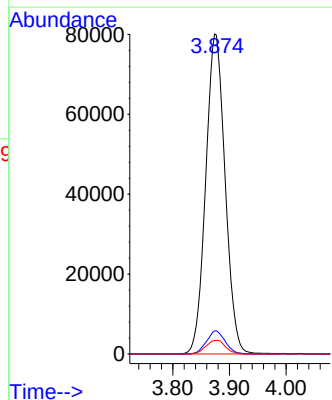
Manual Integrations
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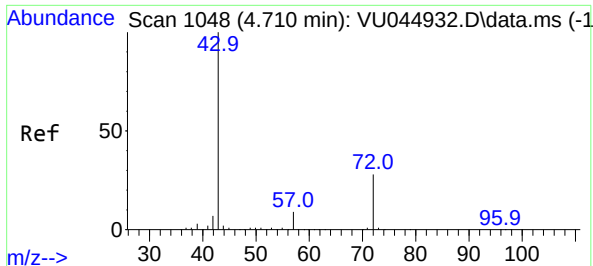
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 50.277 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

Tgt Ion: 63 Resp: 190358
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.2 2.1 6.3





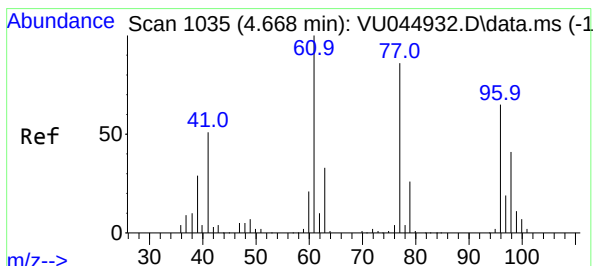
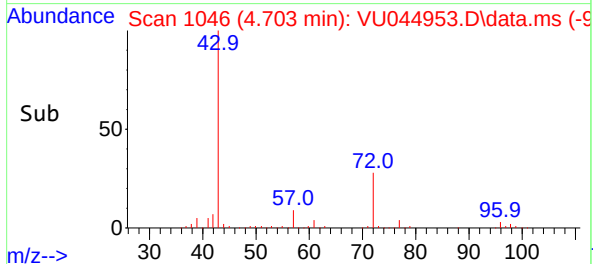
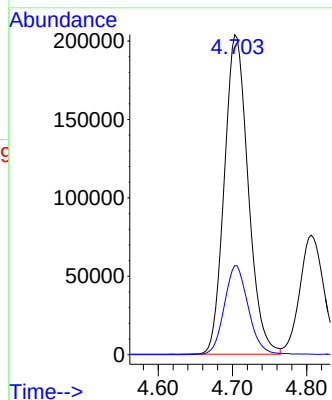
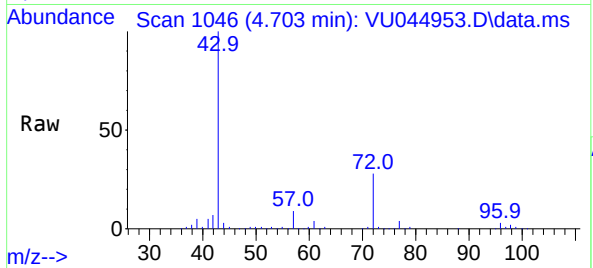
#25
2-Butanone
Concen: 219.752 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion: 43 Resp: 454200
Ion Ratio Lower Upper
43 100
72 27.9 21.3 31.9

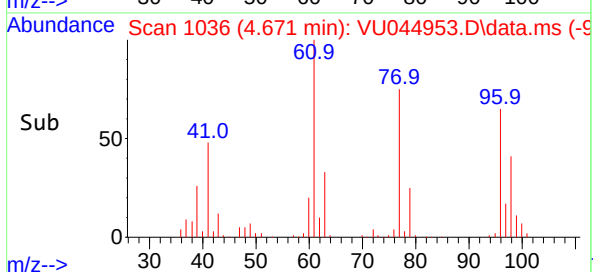
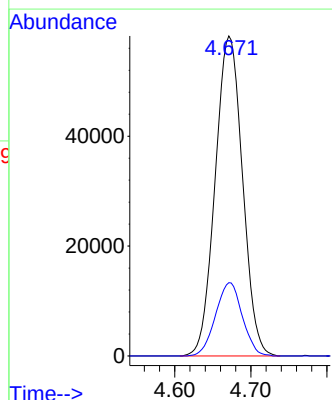
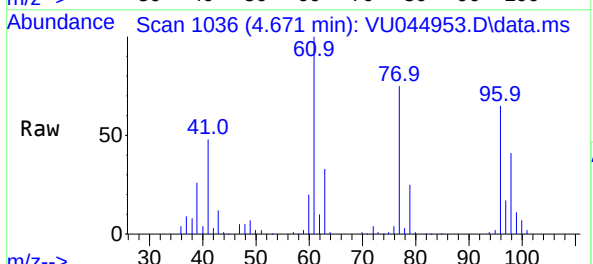
Manual Integrations
APPROVED

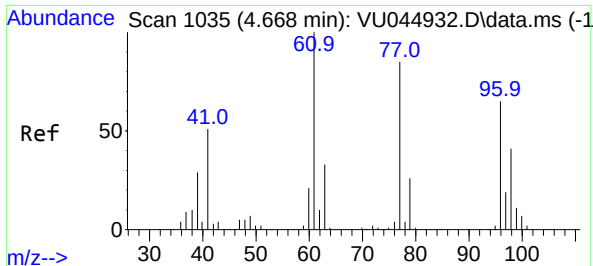
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 45.424 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

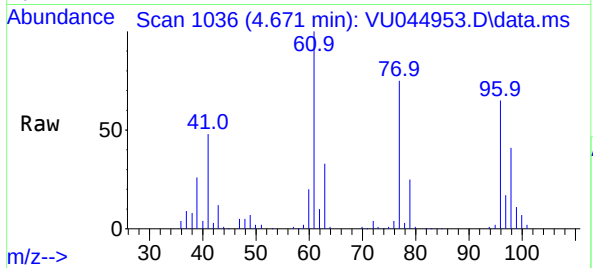
Tgt Ion: 77 Resp: 145405
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.4





cis-1,2-Dichloroethene
 Concen: 49.993 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

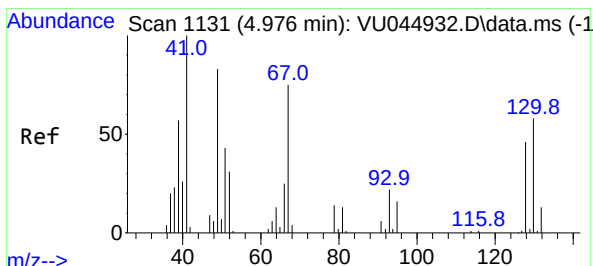
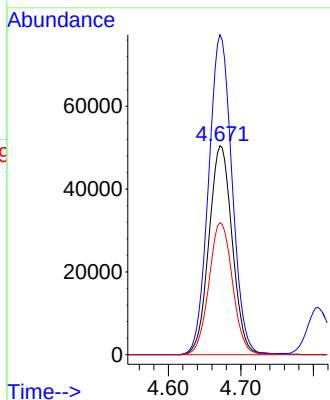
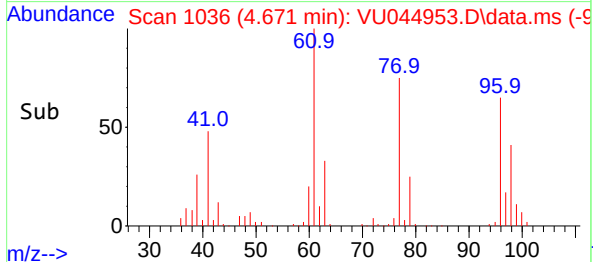
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MSD



Tgt Ion: 96 Resp: 112752
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 313.4
 98 63.9 0.0 127.0

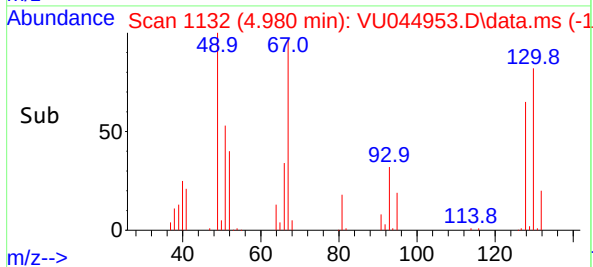
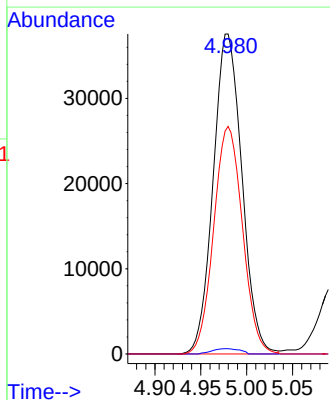
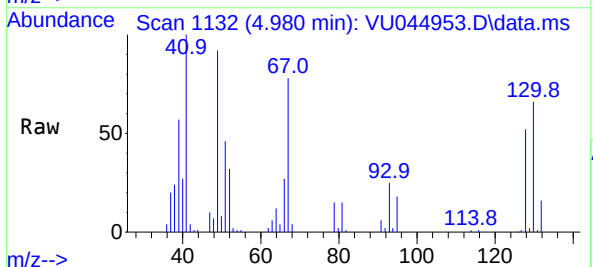
Manual Integrations
 APPROVED

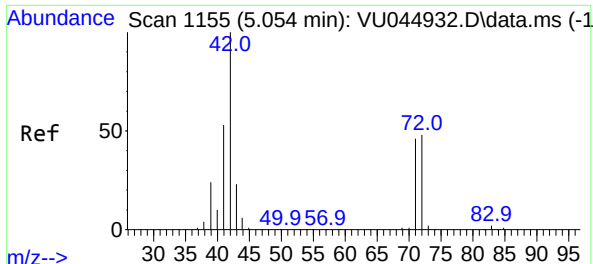
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



Bromochloromethane
 Concen: 52.146 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.004 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

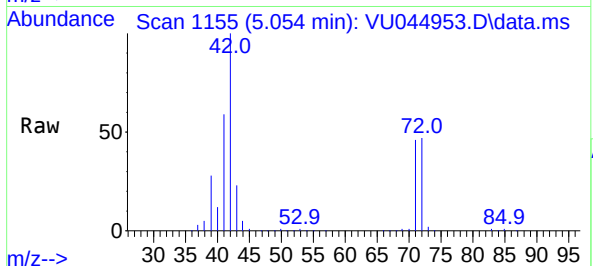
Tgt Ion: 49 Resp: 81832
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 71.2 53.4 80.2





#29
Tetrahydrofuran
Concen: 240.410 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

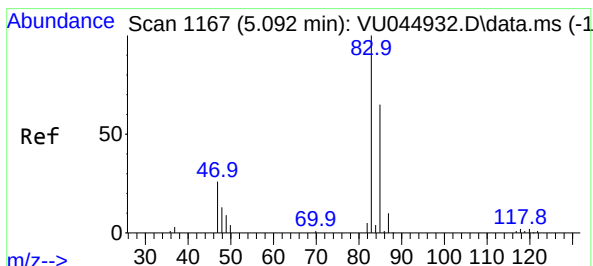
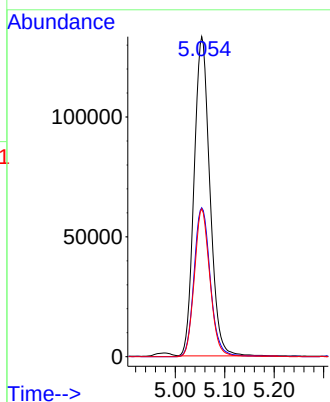
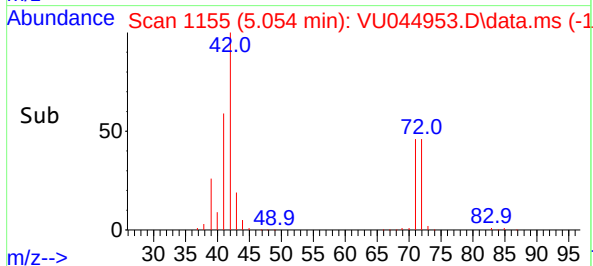
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



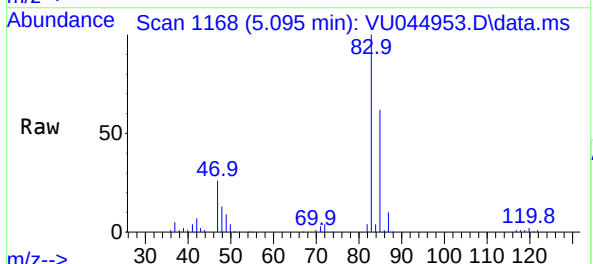
Tgt Ion: 42 Resp: 295790
Ion Ratio Lower Upper
42 100
72 48.0 36.2 54.4
71 45.5 34.1 51.1

Manual Integrations
APPROVED

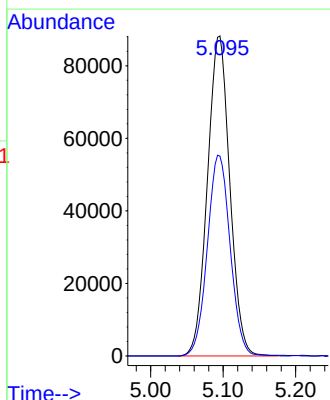
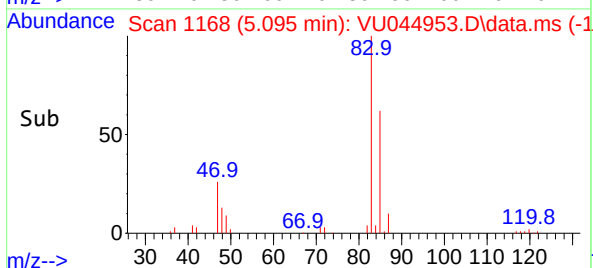
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

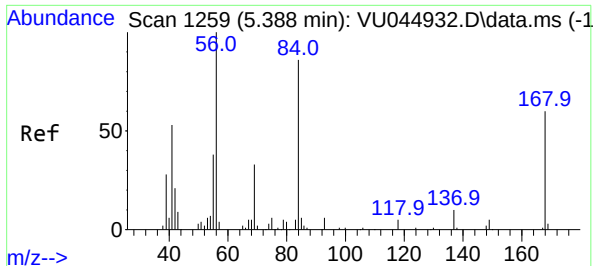


#30
Chloroform
Concen: 49.615 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



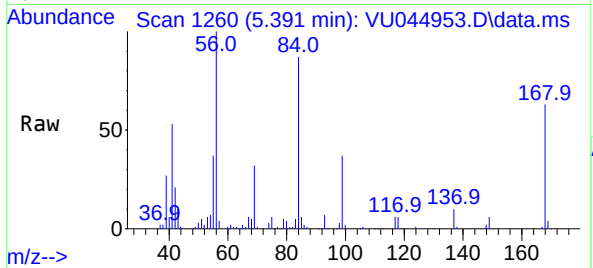
Tgt Ion: 83 Resp: 189337
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1





#31
Cyclohexane
Concen: 46.316 ug/l
RT: 5.391 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

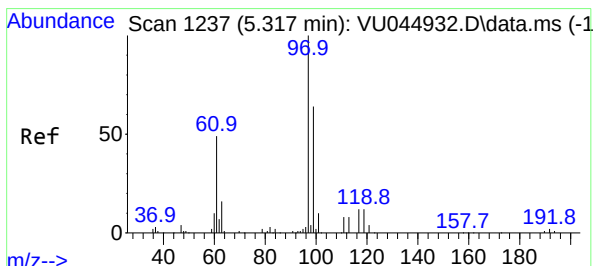
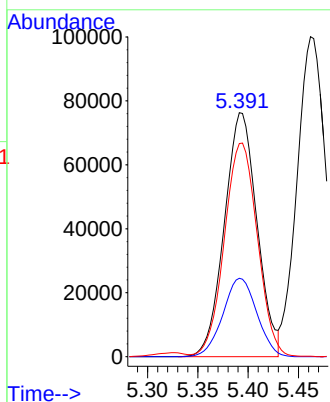
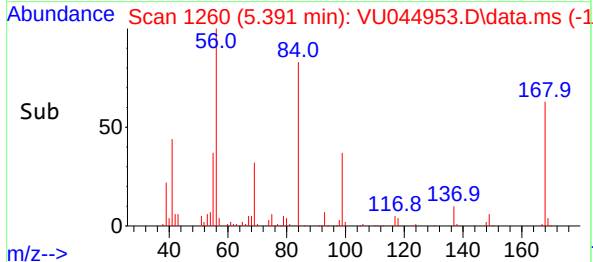
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



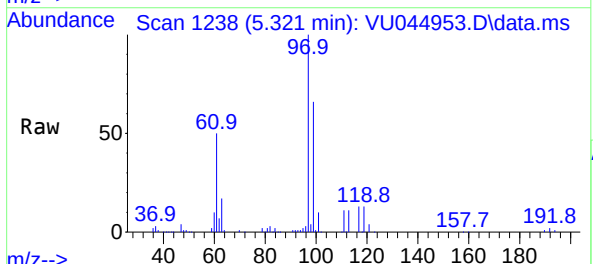
Tgt Ion: 56 Resp: 172428
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 85.7 66.4 99.6

Manual Integrations
APPROVED

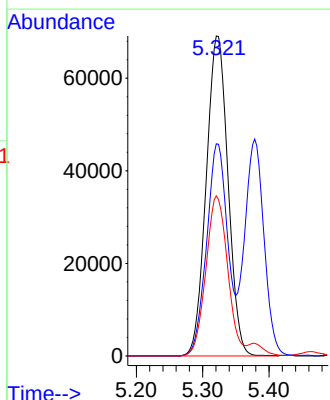
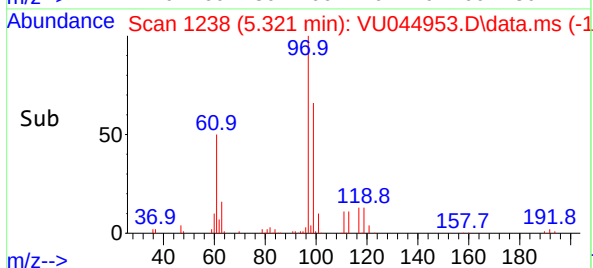
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

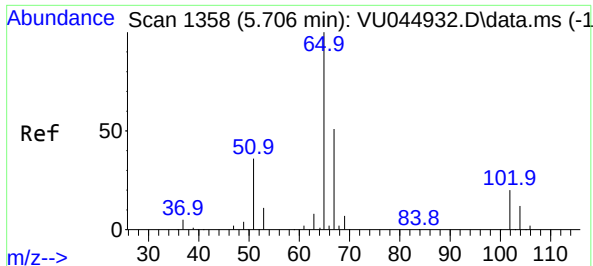


#32
1,1,1-Trichloroethane
Concen: 50.090 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



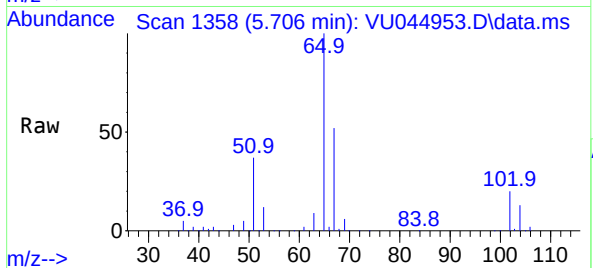
Tgt Ion: 97 Resp: 157716
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 50.1 40.7 61.1





#33
1,2-Dichloroethane-d4
Concen: 50.962 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

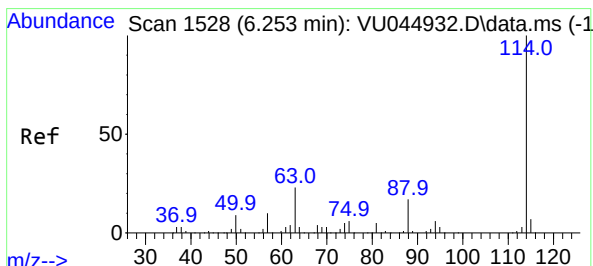
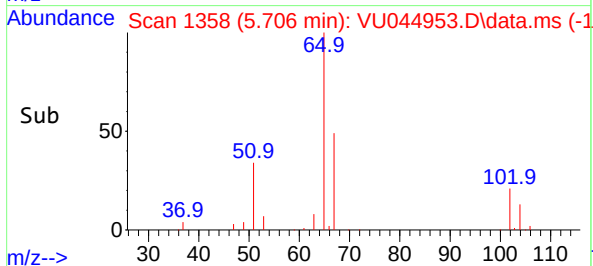
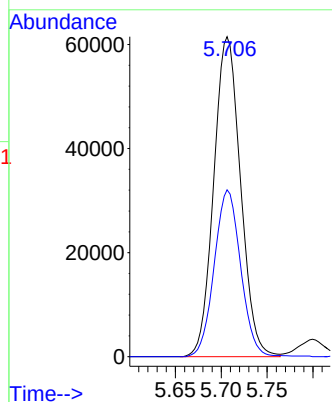
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 65 Resp: 12490
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

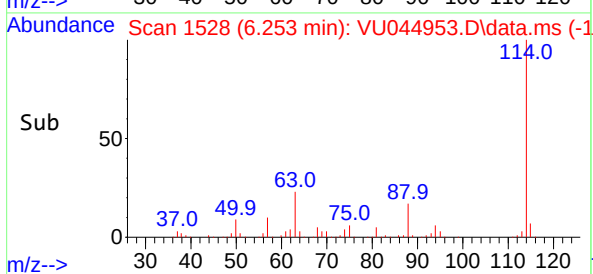
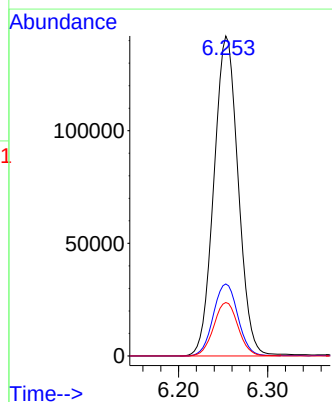
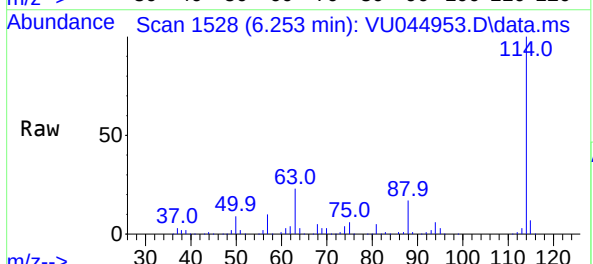
Manual Integrations
APPROVED

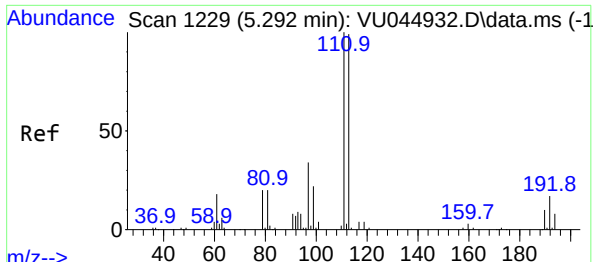
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

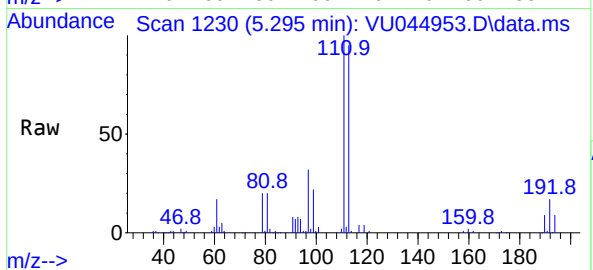
Tgt Ion:114 Resp: 268770
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.304 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

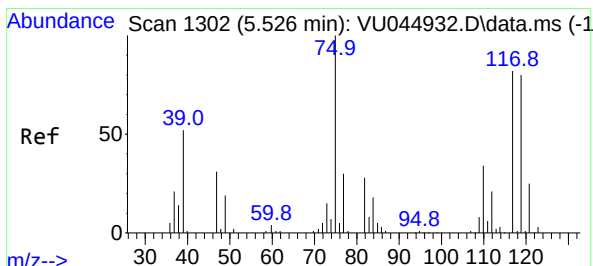
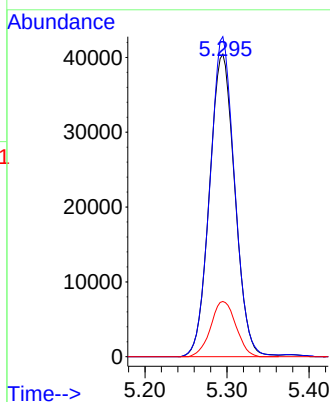
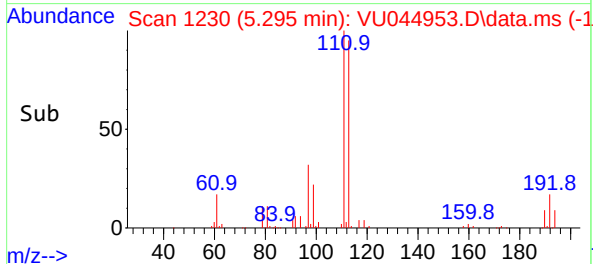
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 113 Resp: 86980
Ion Ratio Lower Upper
113 100
111 102.7 84.1 126.1
192 18.2 14.8 22.2

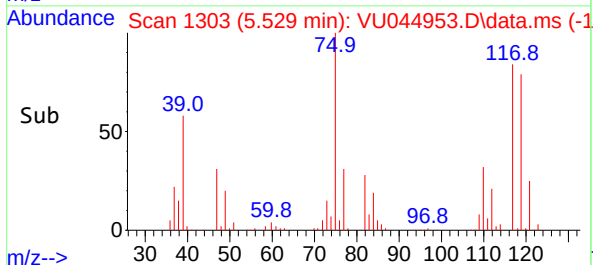
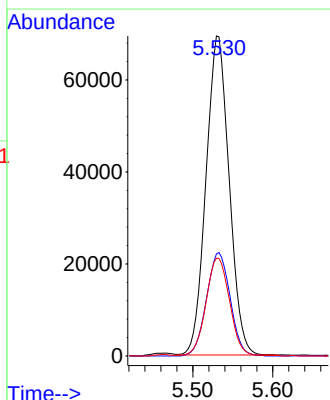
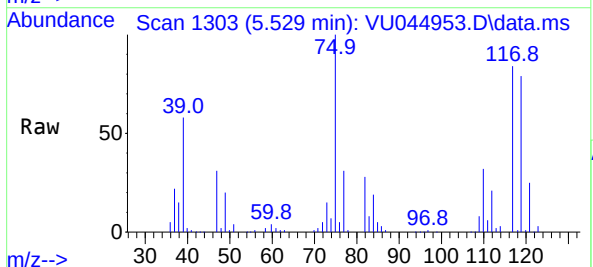
Manual Integrations
APPROVED

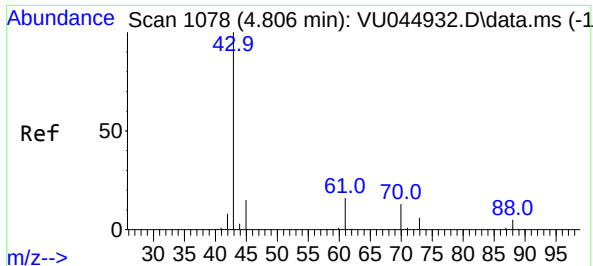
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#36
1,1-Dichloropropene
Concen: 49.676 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion: 75 Resp: 139625
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 47.370 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion: 43 Resp: 17616

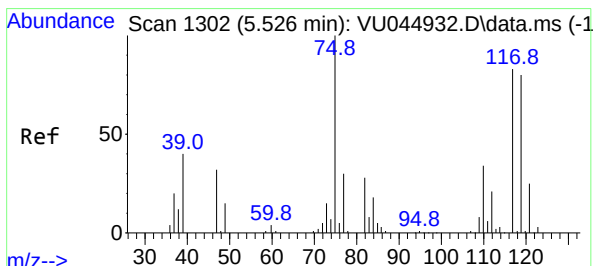
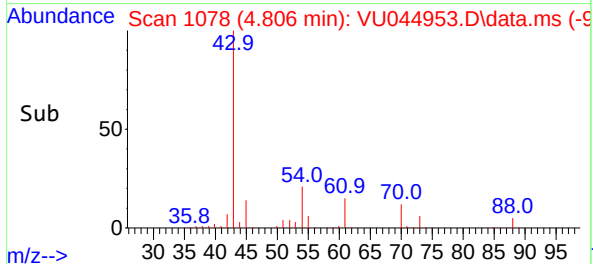
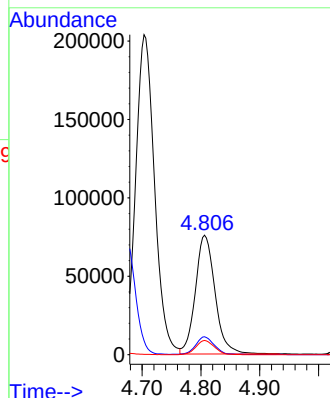
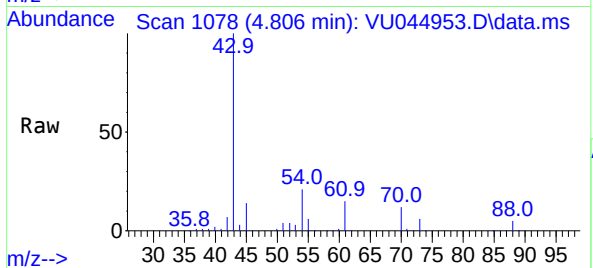
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	11.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#38

Carbon Tetrachloride

Concen: 52.218 ug/l

RT: 5.529 min Scan# 1303

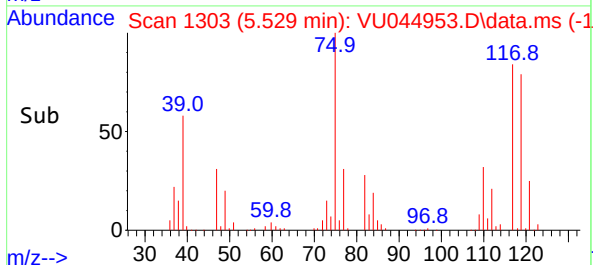
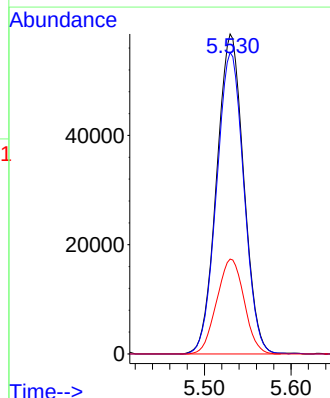
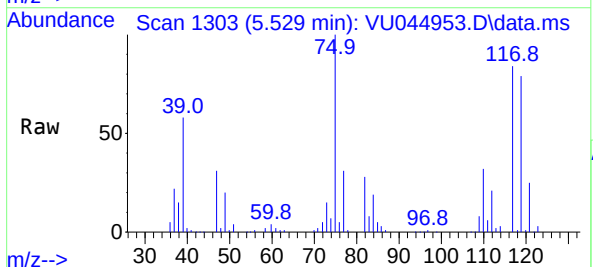
Delta R.T. 0.003 min

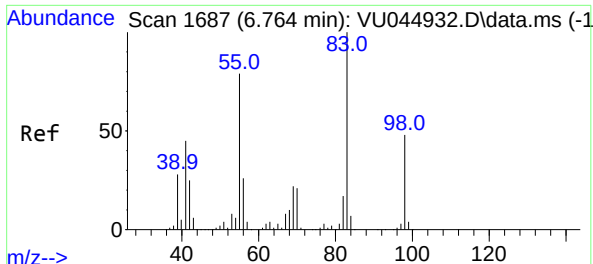
Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Tgt Ion:117 Resp: 127002

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.2
121	29.6	24.5	36.7





#39

Methylcyclohexane

Concen: 48.789 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion: 83 Resp: 16834

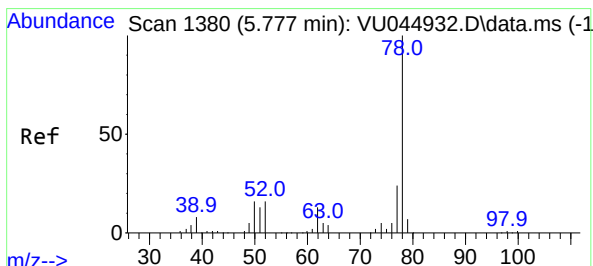
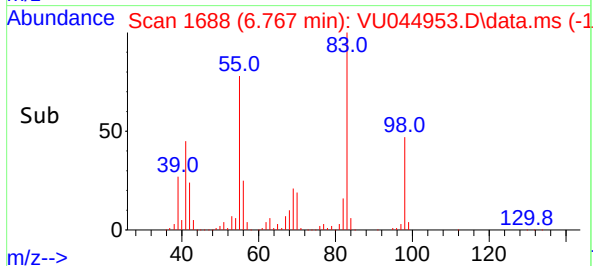
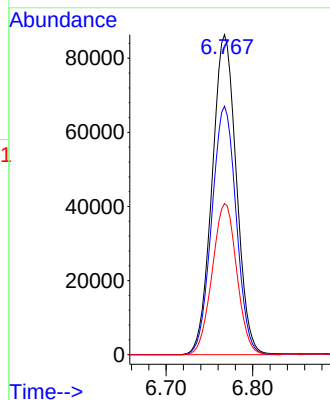
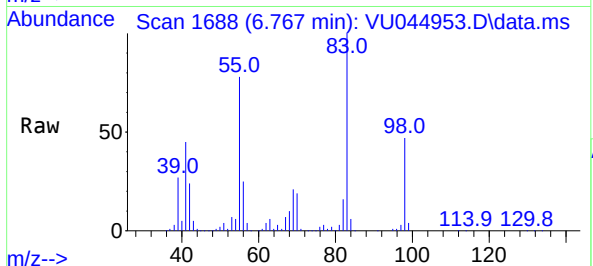
Ion	Ratio	Lower	Upper
83	100		
55	77.6	66.2	99.4
98	47.3	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 49.152 ug/l

RT: 5.780 min Scan# 1381

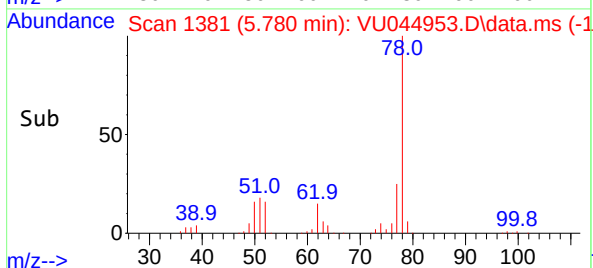
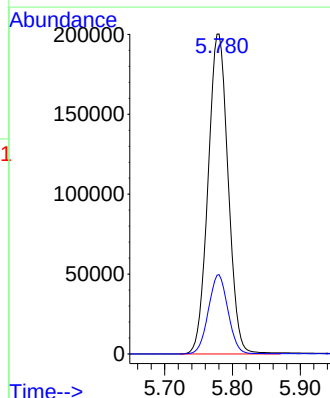
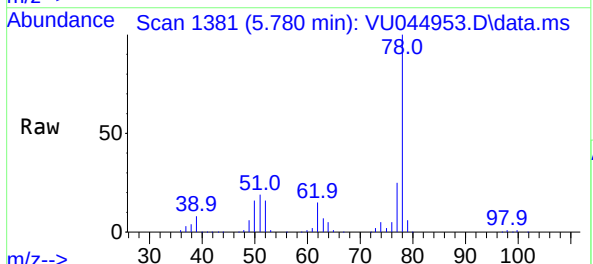
Delta R.T. 0.003 min

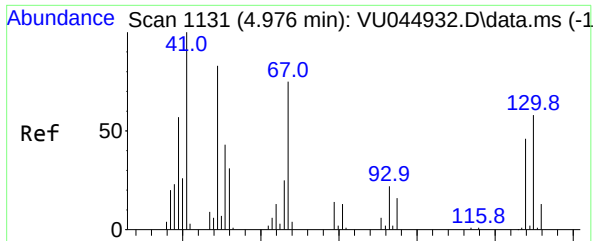
Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Tgt Ion: 78 Resp: 411460

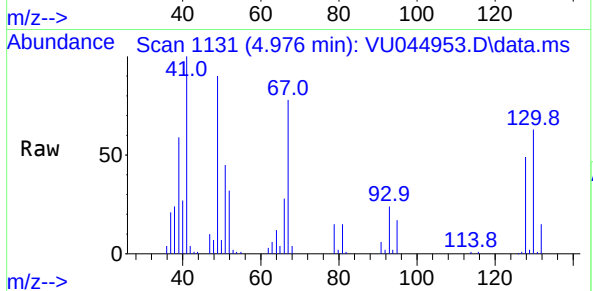
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





#41
Methacrylonitrile
Concen: 48.613 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

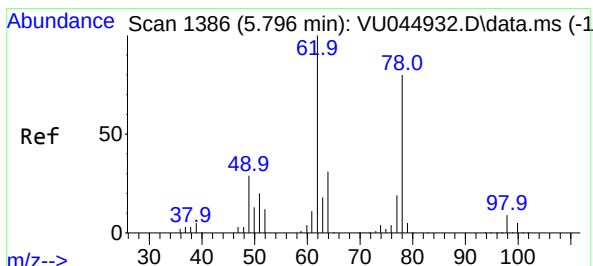
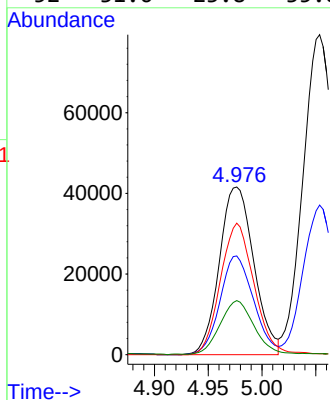
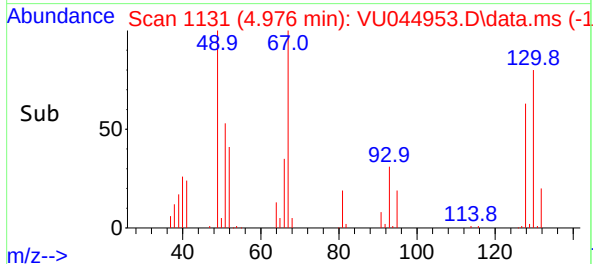
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 41 Resp: 93070
Ion Ratio Lower Upper
41 100
39 57.2 44.4 66.6
67 76.5 58.1 87.1
52 31.6 23.8 35.8

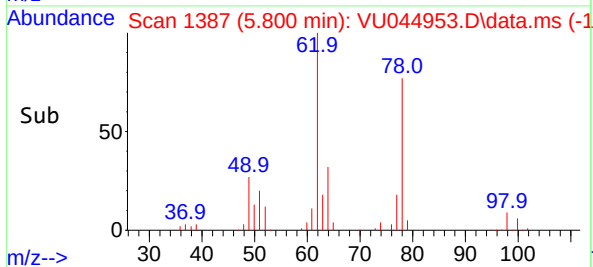
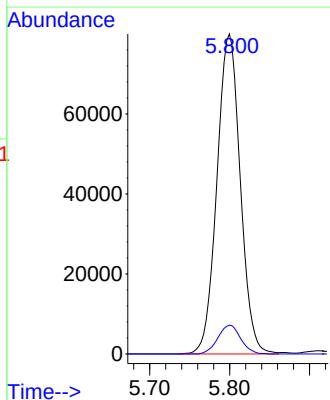
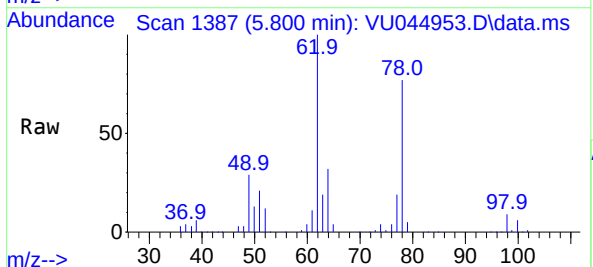
Manual Integrations
APPROVED

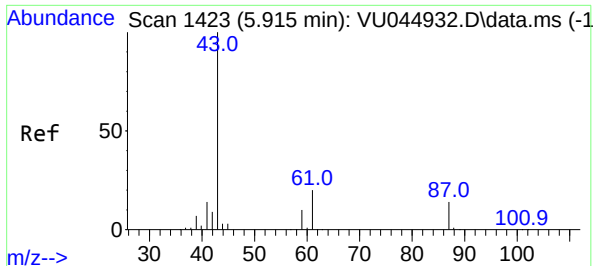
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 49.189 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

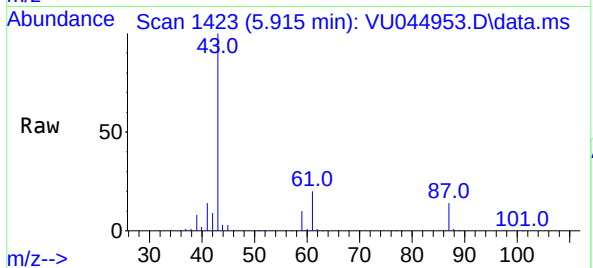
Tgt Ion: 62 Resp: 161846
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 47.802 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

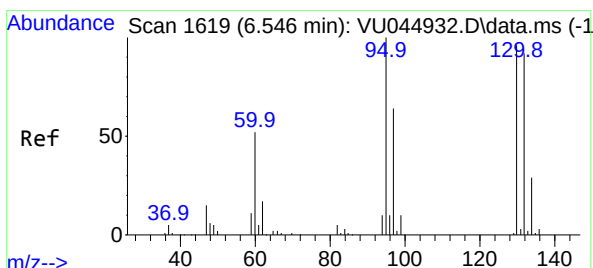
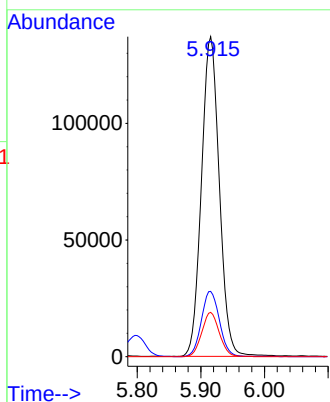
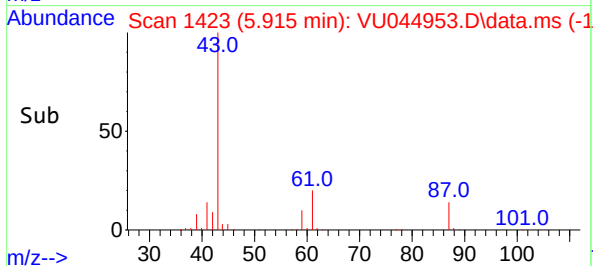
Instrument : MSVOA_U
ClientSampleId : RE105D2-20210917MSD



Tgt Ion: 43 Resp: 26744
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1
87 13.6 10.3 15.5

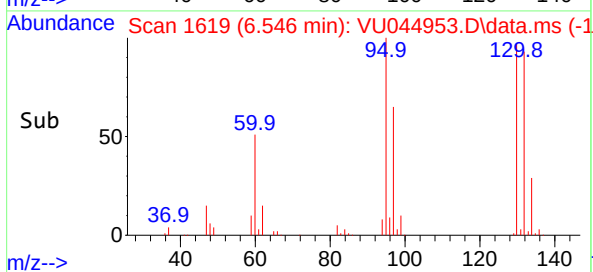
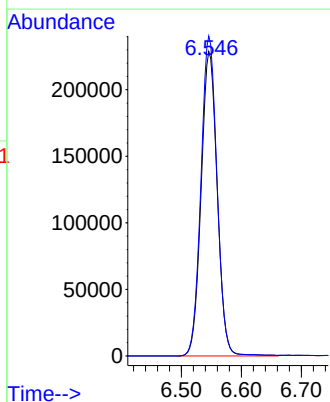
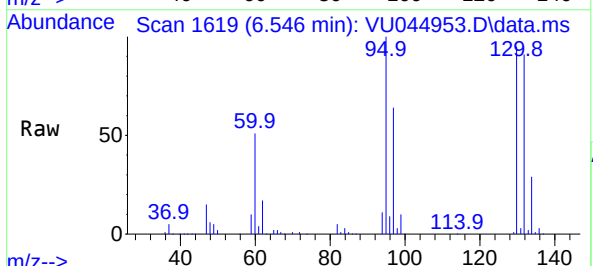
Manual Integrations
APPROVED

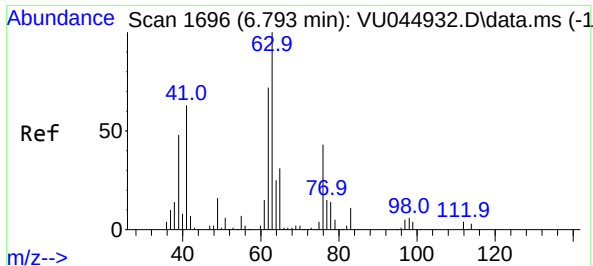
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 216.490 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion:130 Resp: 427290
Ion Ratio Lower Upper
130 100
95 105.1 0.0 209.0





#45

1,2-Dichloropropane

Concen: 48.685 ug/l

RT: 6.796 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion: 63 Resp: 10805

Ion Ratio Lower Upper

63 100

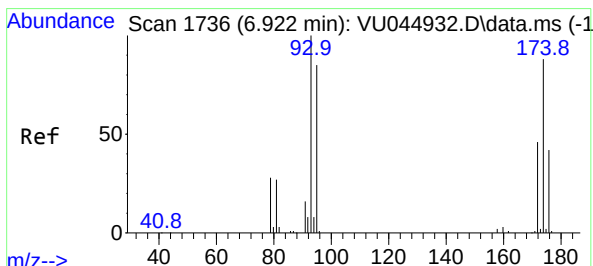
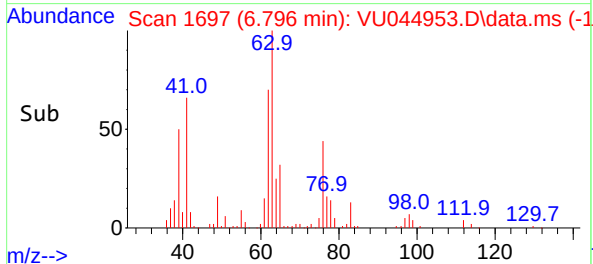
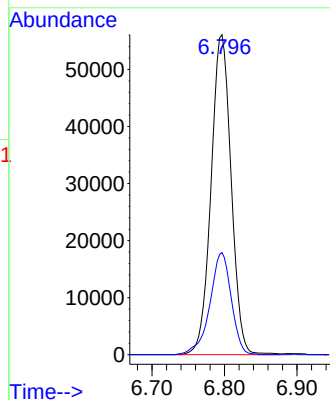
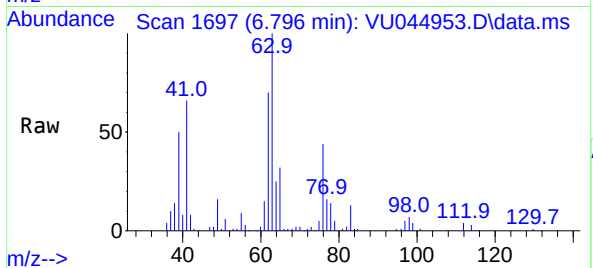
65 31.9 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 50.079 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

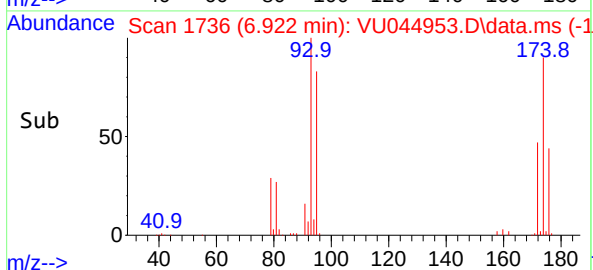
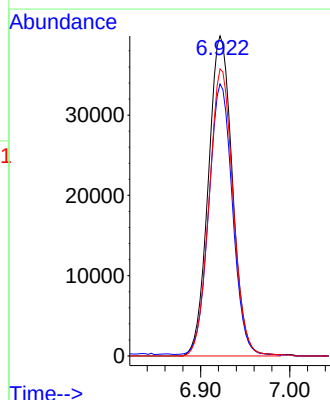
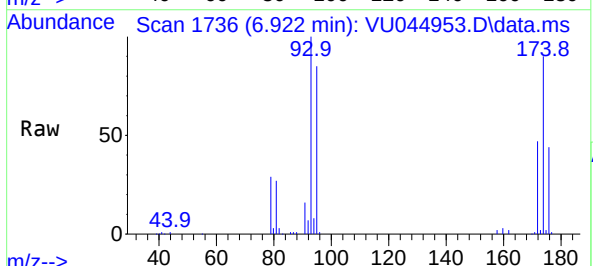
Tgt Ion: 93 Resp: 74874

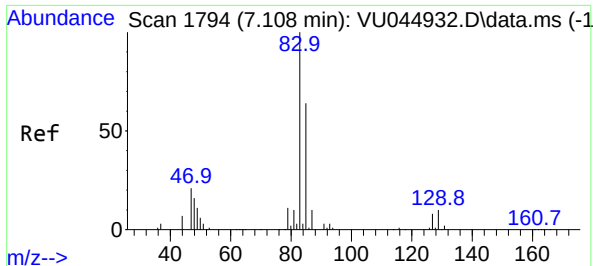
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

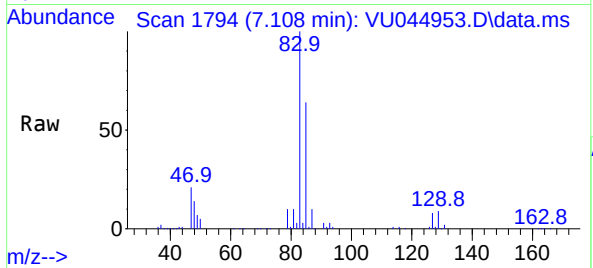
174 89.3 70.7 106.1





#47
Bromodichloromethane
Concen: 50.789 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

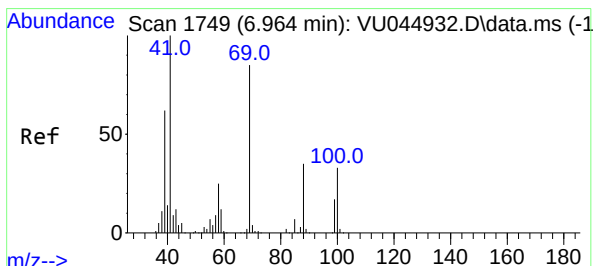
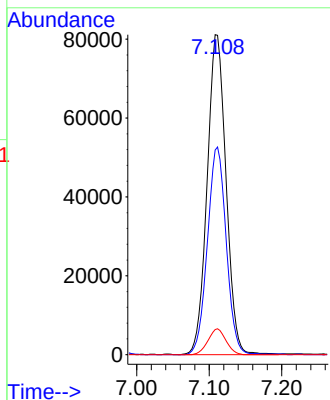
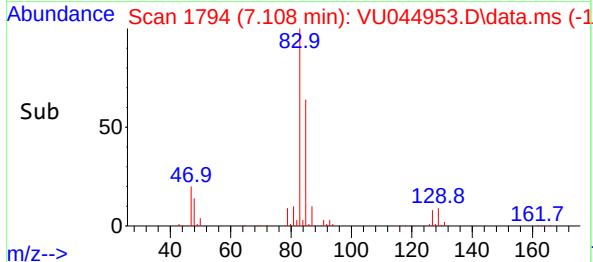
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



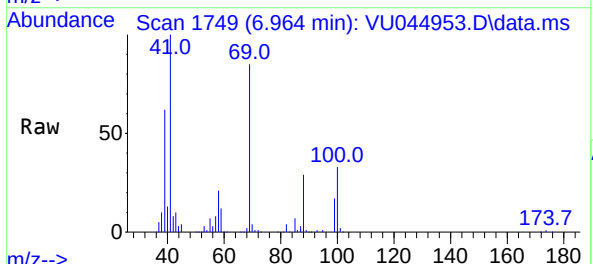
Tgt Ion: 83 Resp: 147439
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4
127 7.9 6.2 9.4

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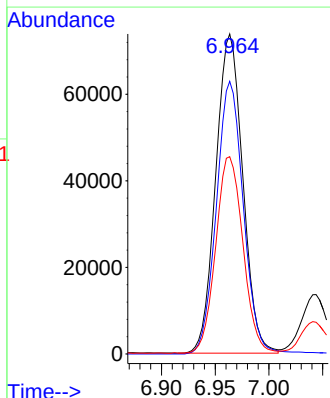
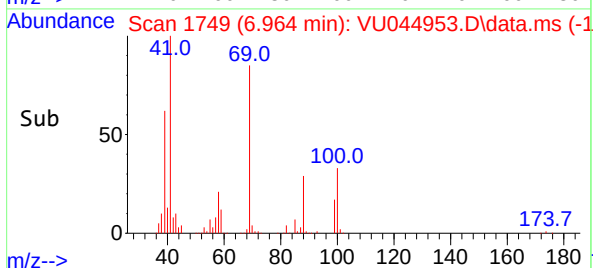
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

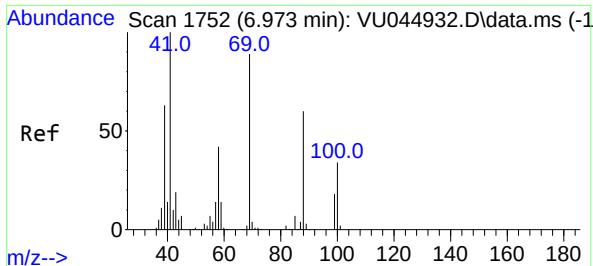


#48
Methyl methacrylate
Concen: 47.279 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



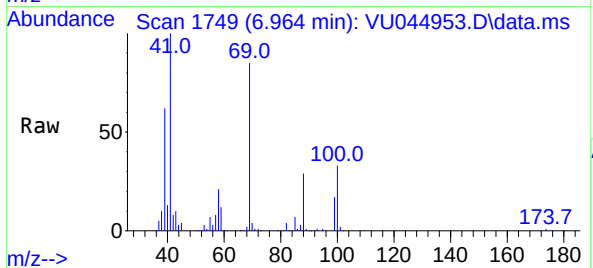
Tgt Ion: 41 Resp: 128756
Ion Ratio Lower Upper
41 100
69 86.0 65.6 98.4
39 62.1 46.2 69.4





#49
1,4-Dioxane
Concen: 603.787 ug/l
RT: 6.964 min Scan# 1752
Delta R.T. -0.009 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

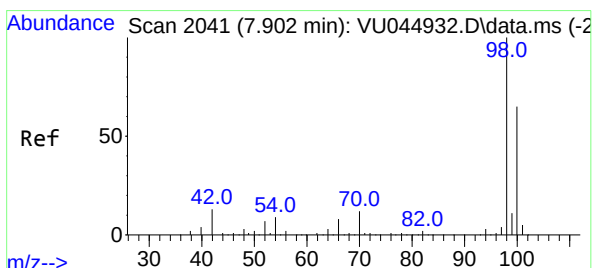
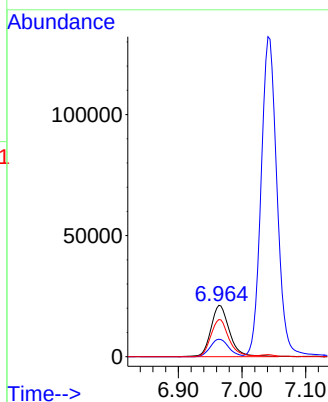
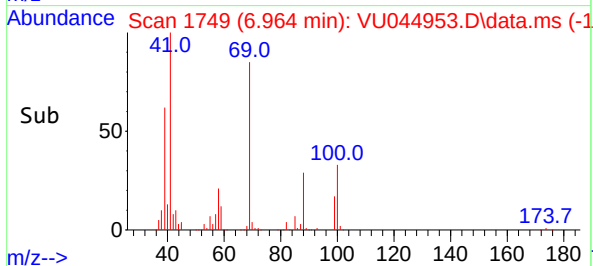
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 88 Resp: 4296
Ion Ratio Lower Upper
88 100
43 33.9 25.8 38.6
58 70.2 61.3 91.9

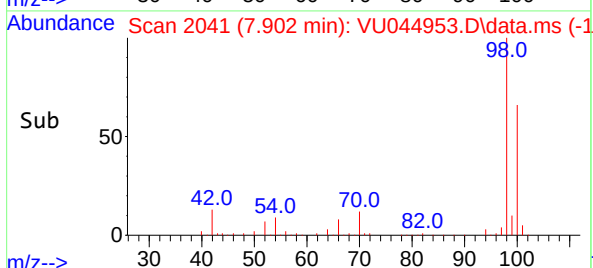
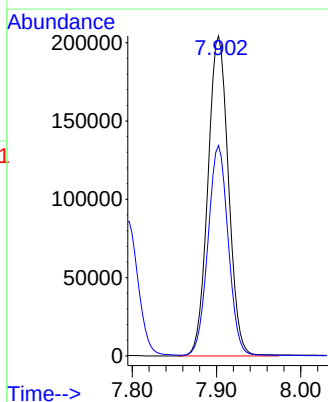
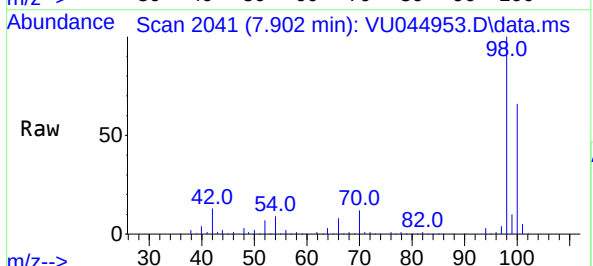
Manual Integrations
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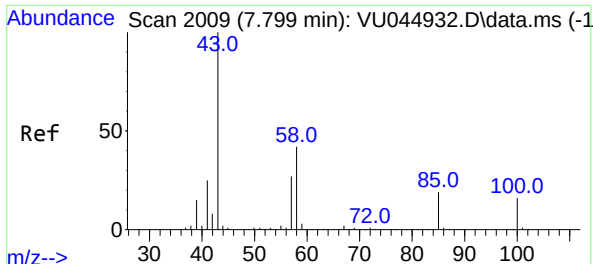
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 51.684 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion: 98 Resp: 346239
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





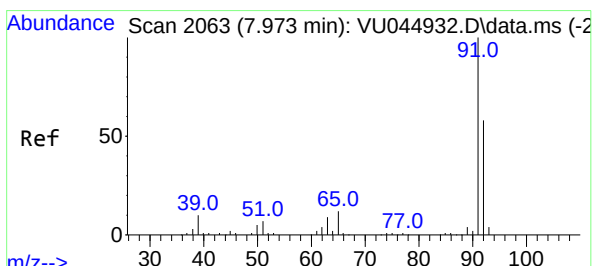
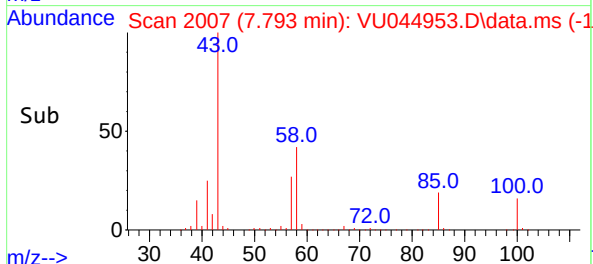
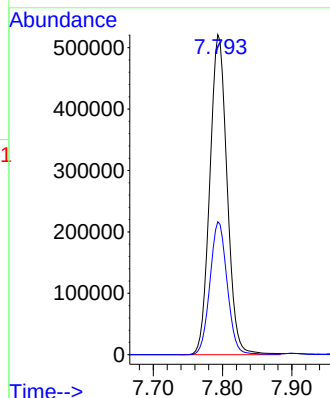
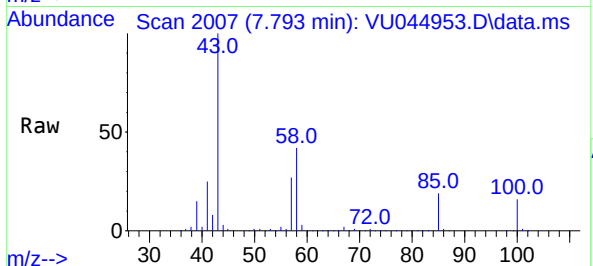
#51
4-Methyl-2-Pentanone
Concen: 221.195 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion: 43 Resp: 900952
Ion Ratio Lower Upper
43 100
58 41.4 32.4 48.6

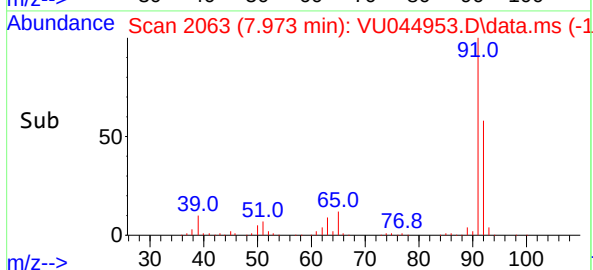
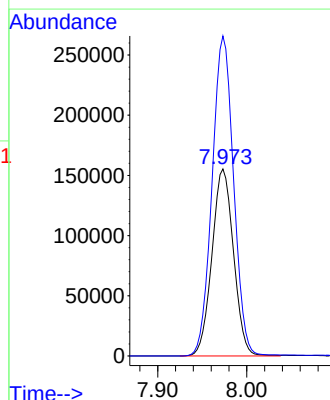
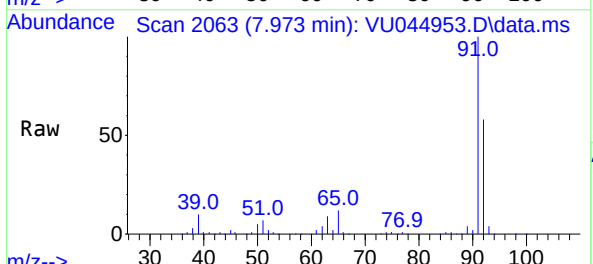
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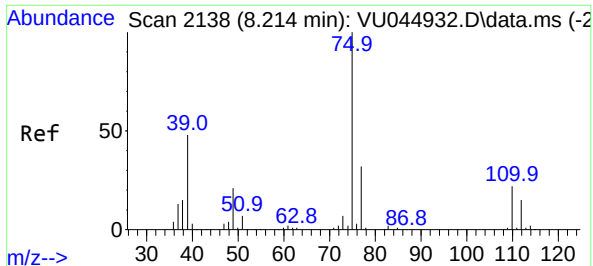
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 49.840 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion: 92 Resp: 261126
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 49.651 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion: 75 Resp: 164820

Ion Ratio Lower Upper

75 100

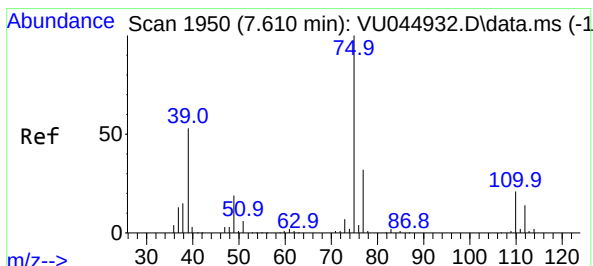
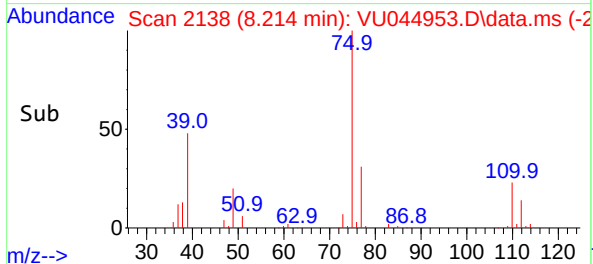
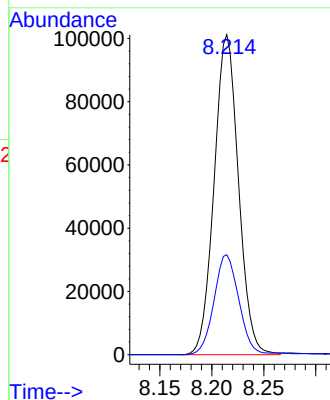
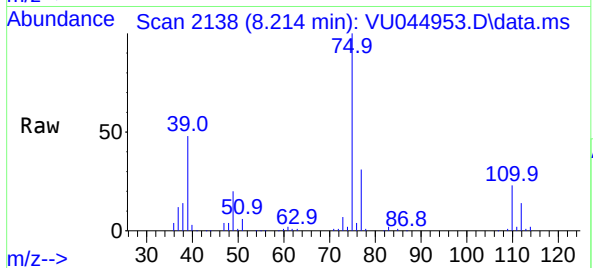
77 31.3 25.6 38.4

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#54

cis-1,3-Dichloropropene

Concen: 50.474 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

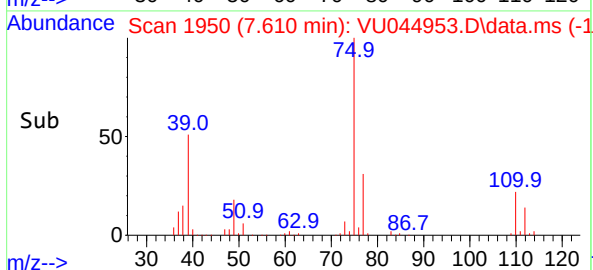
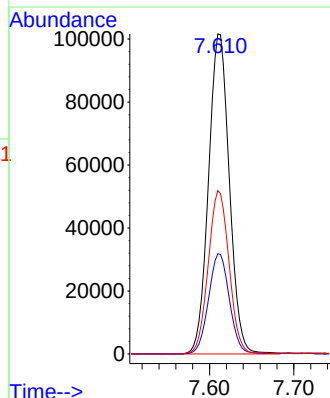
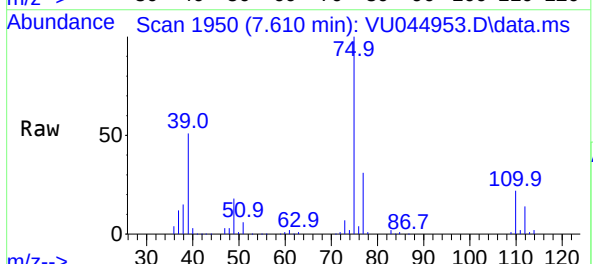
Tgt Ion: 75 Resp: 174535

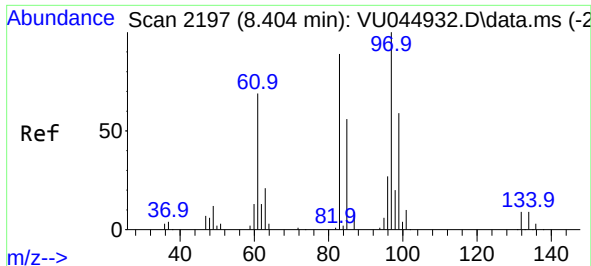
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

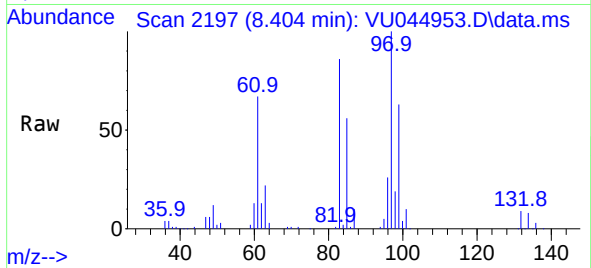
39 50.9 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 48.678 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument : MSVOA_U
ClientSampleId : RE105D2-20210917MSD

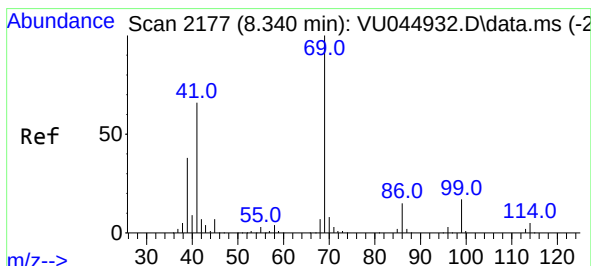
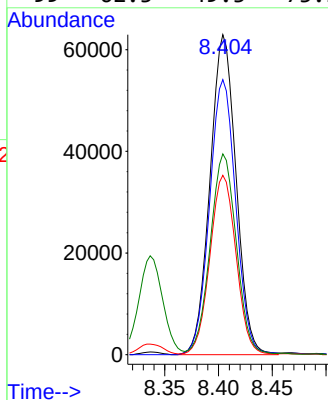
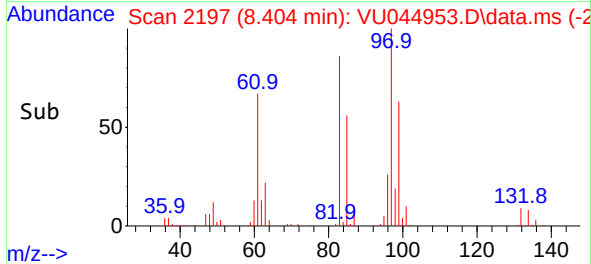


Tgt Ion: 97 Resp: 10626

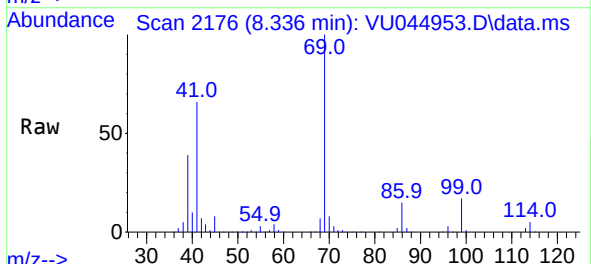
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.7	104.5
85	55.8	44.8	67.2
99	62.3	49.3	73.9

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

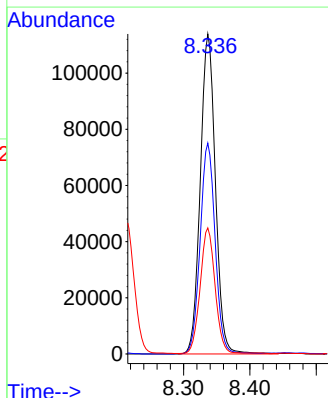
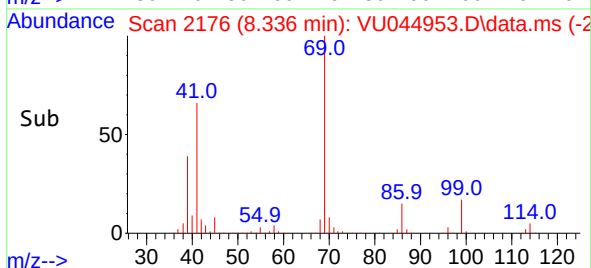


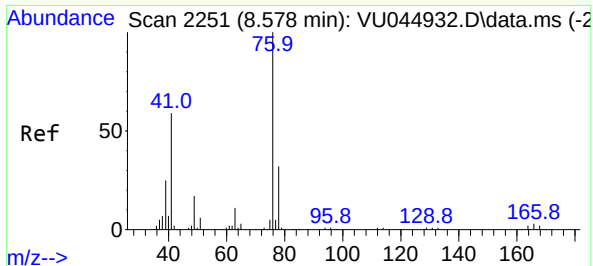
#56
Ethyl methacrylate
Concen: 42.841 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.004 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



Tgt Ion: 69 Resp: 180447

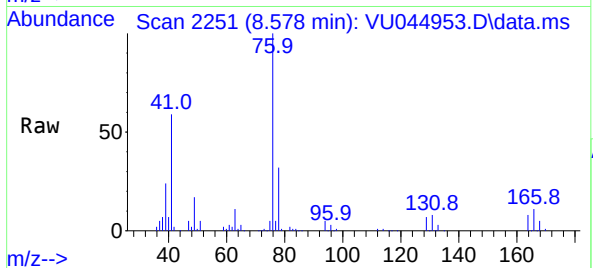
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.5	80.3
39	38.6	31.1	46.7





#57
1,3-Dichloropropane
Concen: 48.333 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

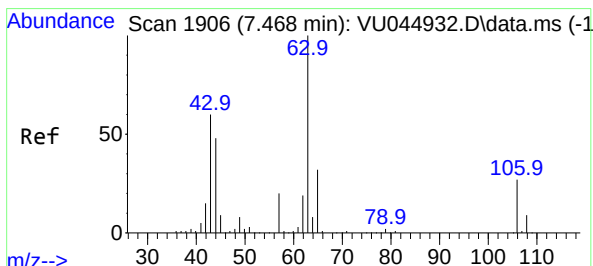
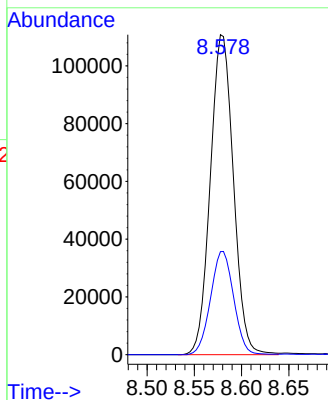
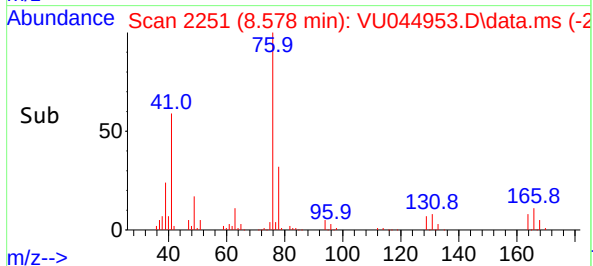
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



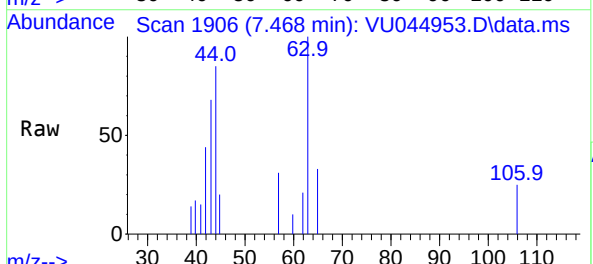
Tgt Ion: 76 Resp: 188300
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

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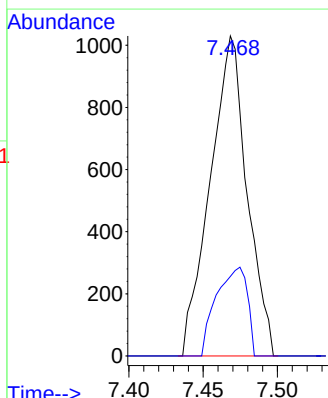
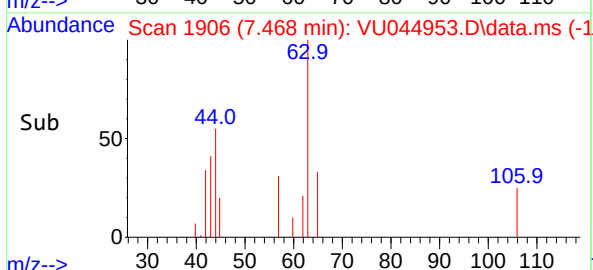
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

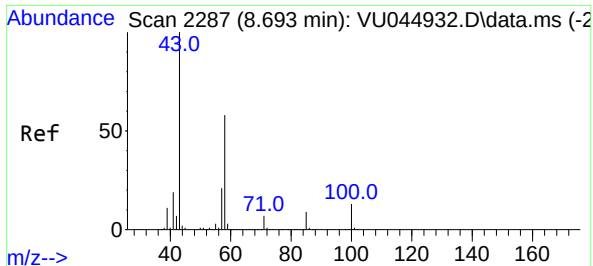


#58
2-Chloroethyl Vinyl ether
Concen: 23.071 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



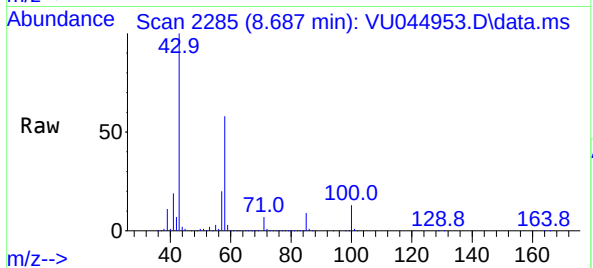
Tgt Ion: 63 Resp: 1781
Ion Ratio Lower Upper
63 100
106 23.1 20.5 30.7





#59
2-Hexanone
Concen: 212.832 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

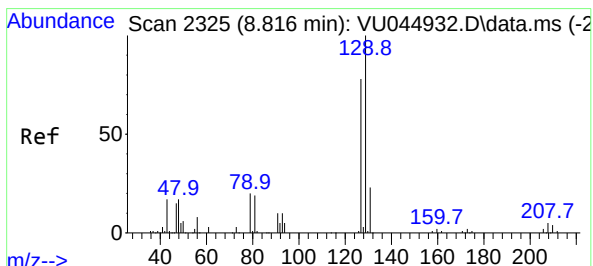
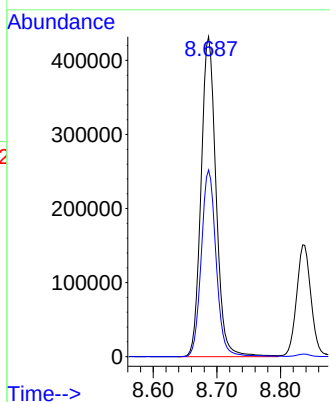
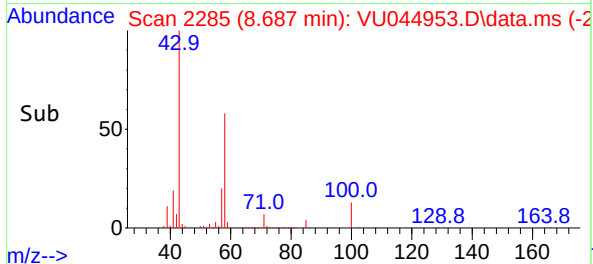
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 43 Resp: 705938
Ion Ratio Lower Upper
43 100
58 58.1 28.0 84.0

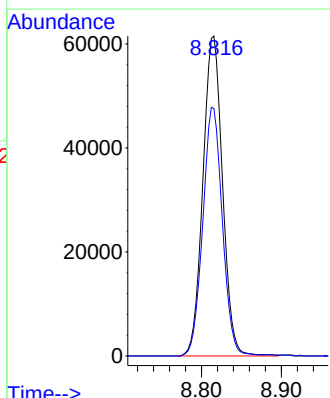
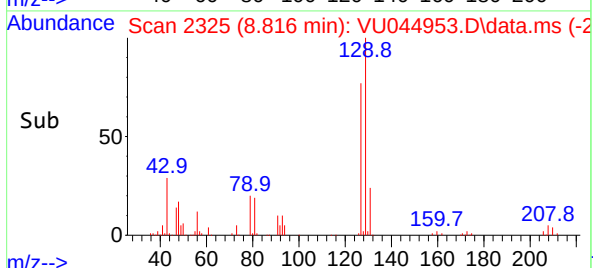
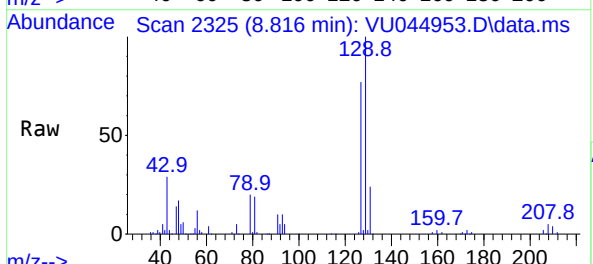
Manual Integrations
APPROVED

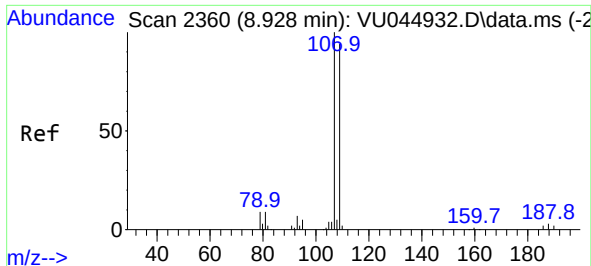
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 45.615 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

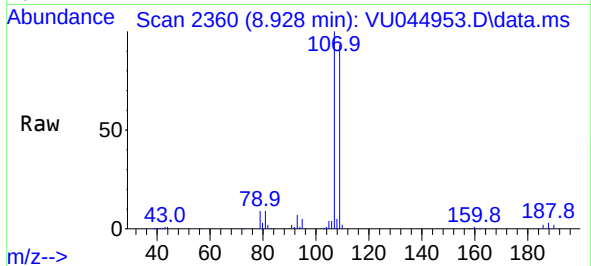
Tgt Ion:129 Resp: 105122
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 8.928 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

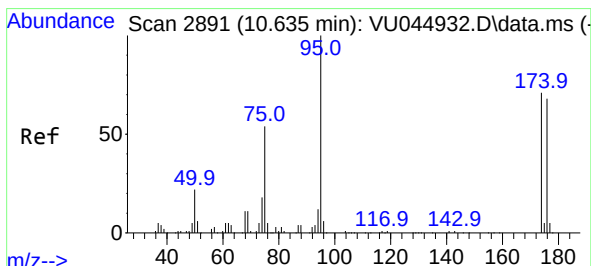
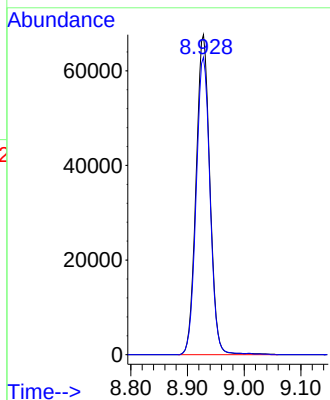
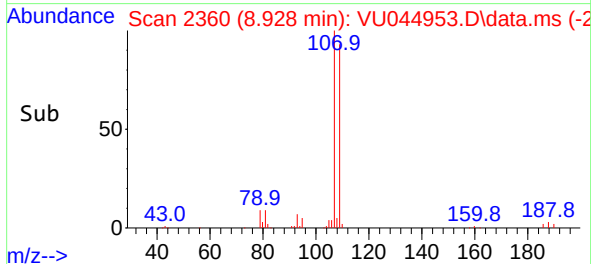
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



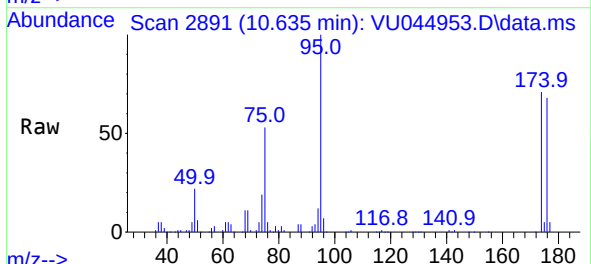
Tgt Ion:107 Resp: 114394
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2

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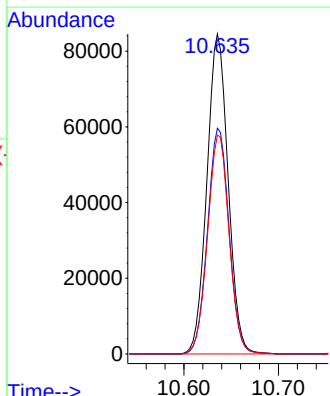
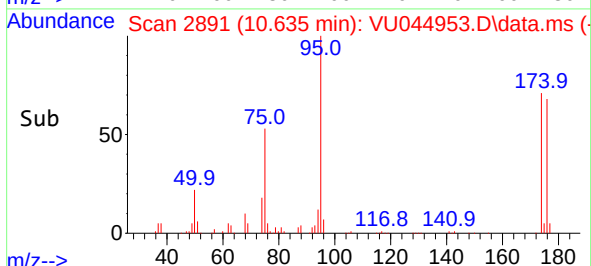
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

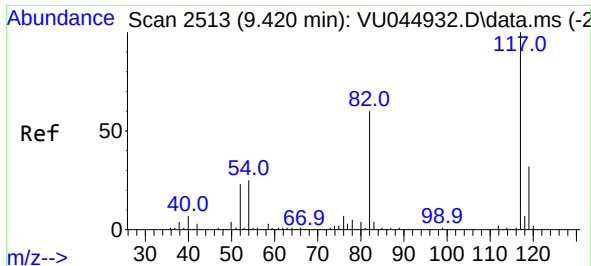


#62
4-Bromofluorobenzene
Concen: 47.621 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



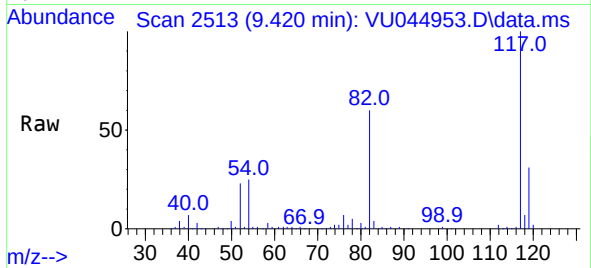
Tgt Ion: 95 Resp: 131708
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 69.3 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

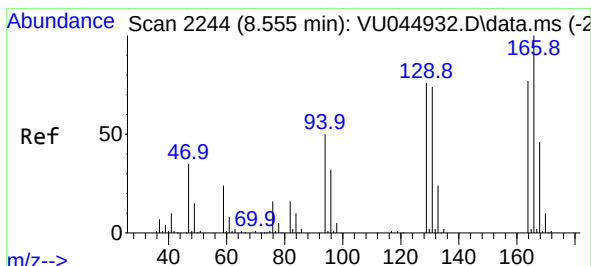
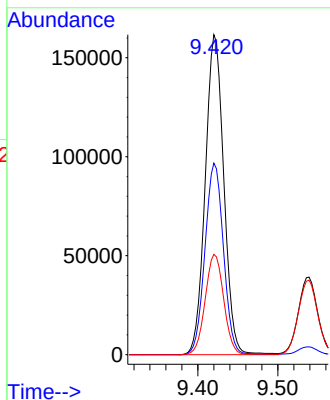
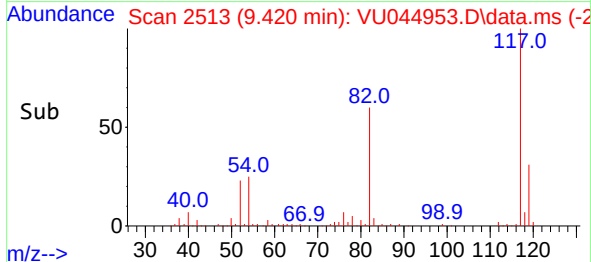
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



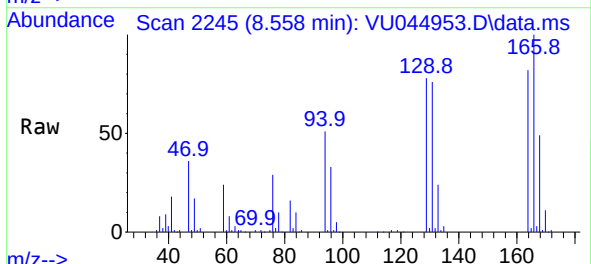
Tgt Ion:117 Resp: 26187
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.4 25.8 38.6

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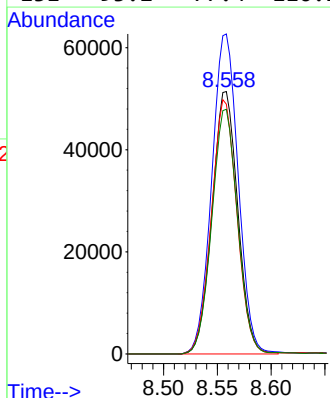
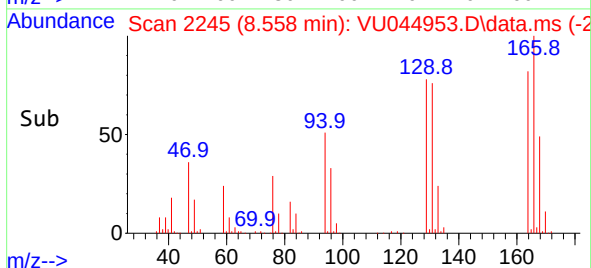
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

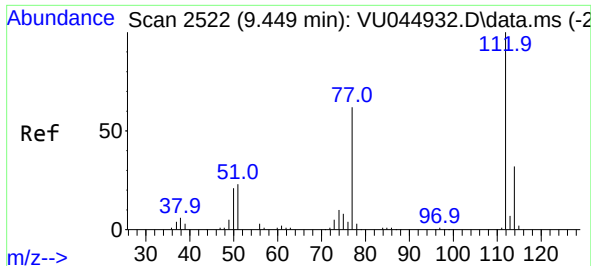


#64
Tetrachloroethene
Concen: 50.014 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



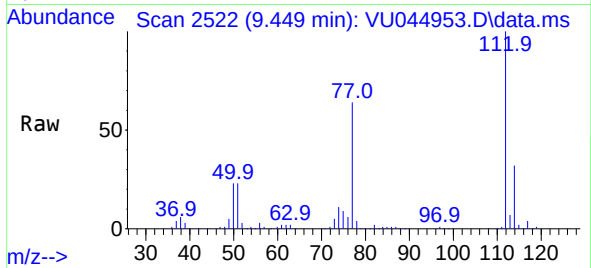
Tgt Ion:164 Resp: 85485
Ion Ratio Lower Upper
164 100
166 121.9 102.8 154.2
129 95.2 79.4 119.2
131 93.2 77.4 116.2





#65
Chlorobenzene
Concen: 48.888 ug/l
RT: 9.449 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

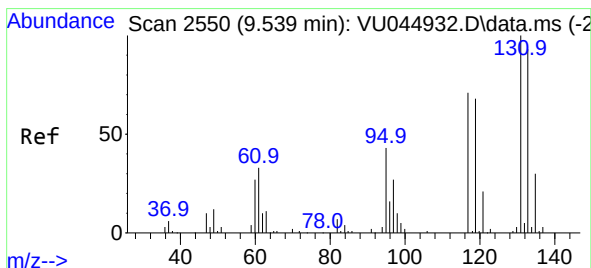
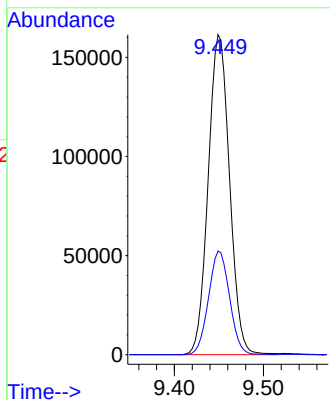
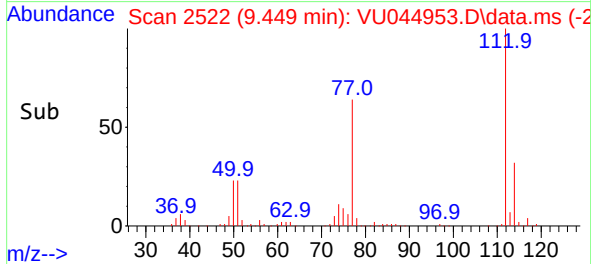
Instrument : MSVOA_U
ClientSampleId : RE105D2-20210917MSD



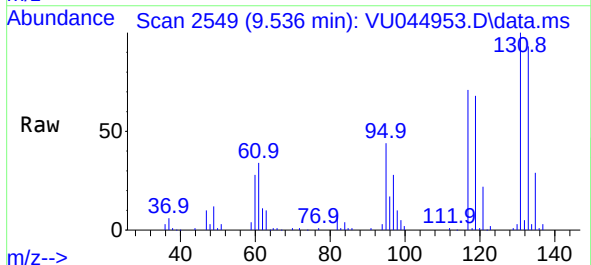
Tgt Ion:112 Resp: 268418
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

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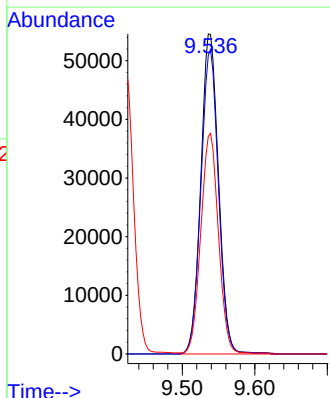
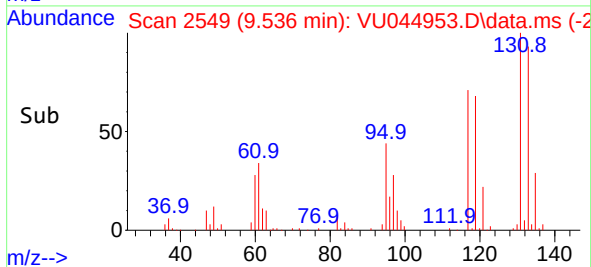
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

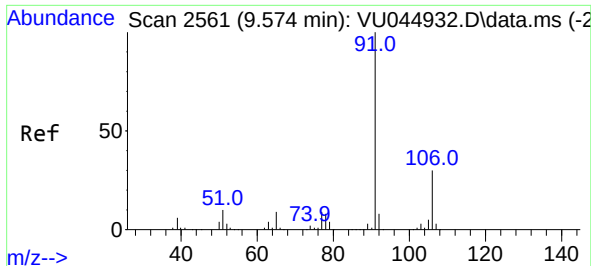


#66
1,1,1,2-Tetrachloroethane
Concen: 48.337 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



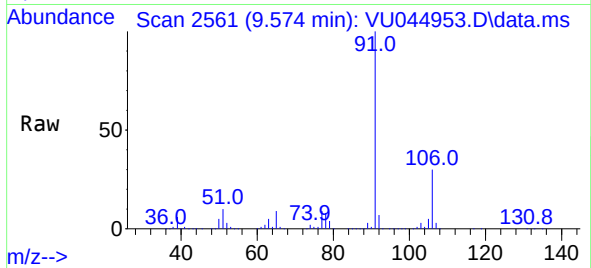
Tgt Ion:131 Resp: 92656
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 68.0 34.1 102.3





#67
Ethyl Benzene
Concen: 50.019 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

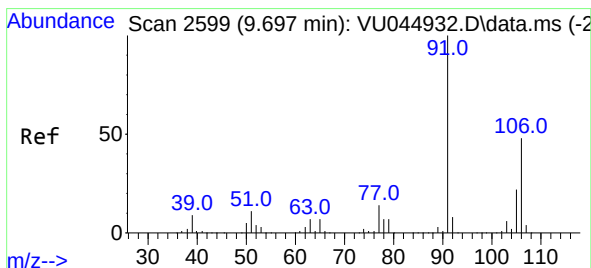
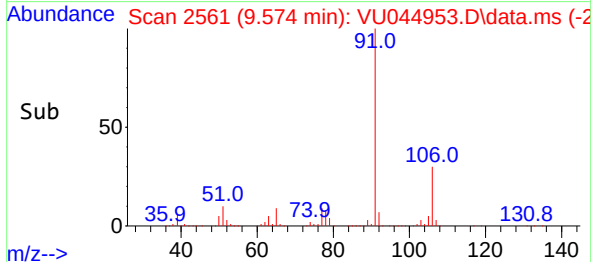
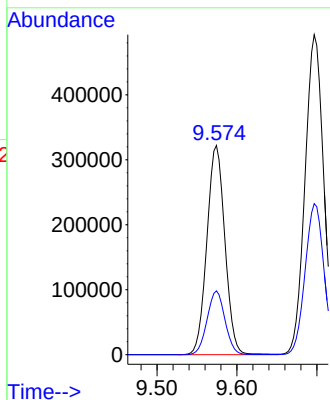
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 91 Resp: 50535
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

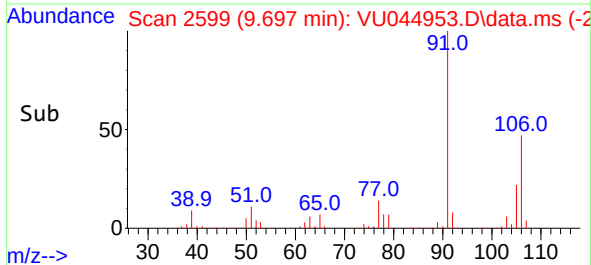
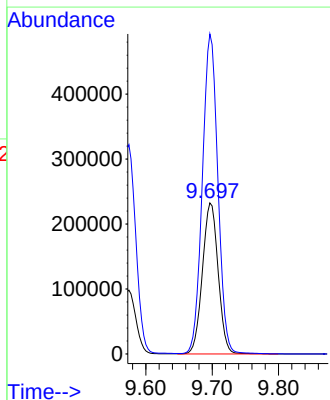
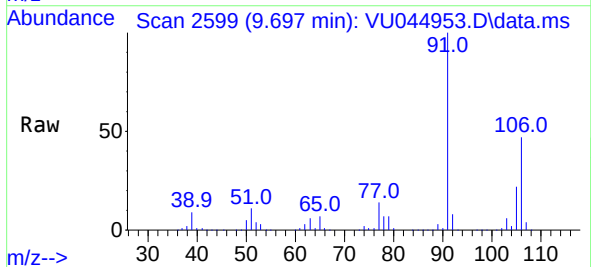
Manual Integrations
APPROVED

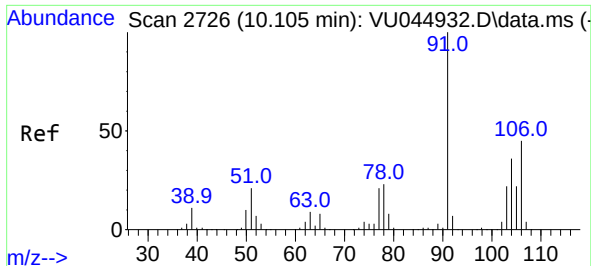
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#68
m/p-Xylenes
Concen: 97.729 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion:106 Resp: 383600
Ion Ratio Lower Upper
106 100
91 209.3 164.2 246.2





#69

o-Xylene

Concen: 48.608 ug/l

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD

Tgt Ion:106 Resp: 189358

Ion Ratio Lower Upper

106 100

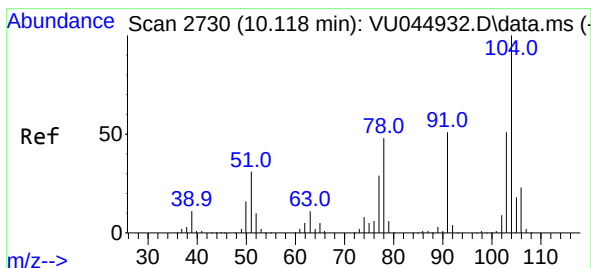
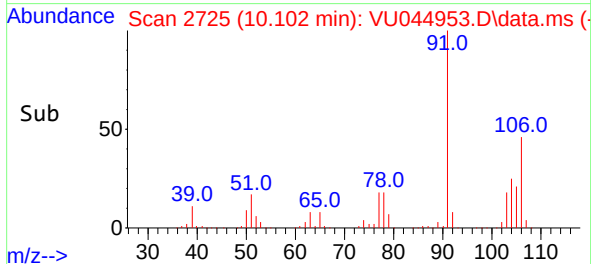
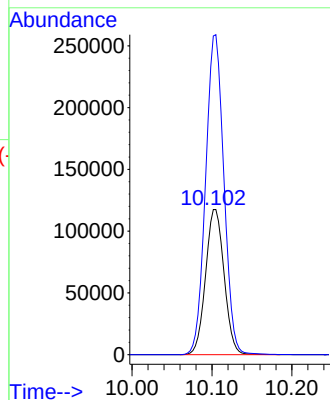
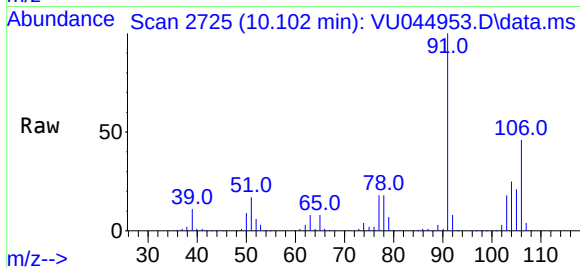
91 217.9 108.9 326.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#70

Styrene

Concen: 48.195 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044953.D

Acq: 28 Sep 2021 19:51

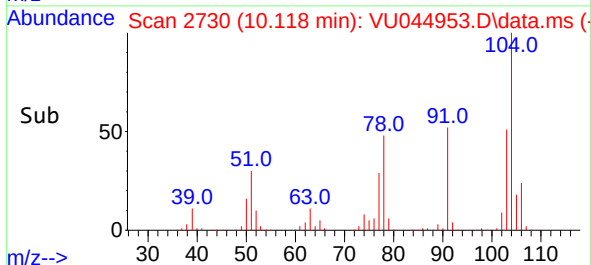
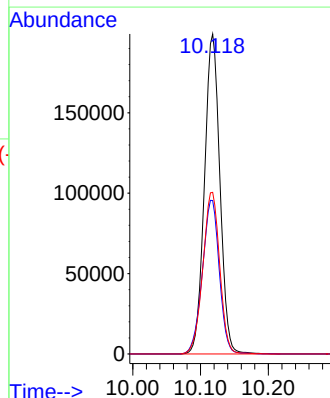
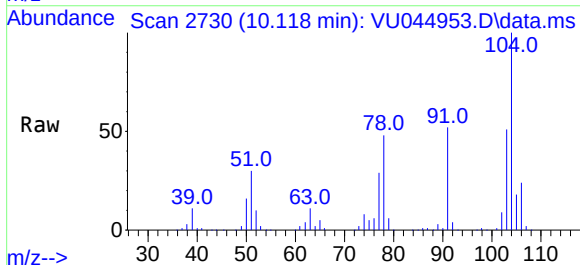
Tgt Ion:104 Resp: 314973

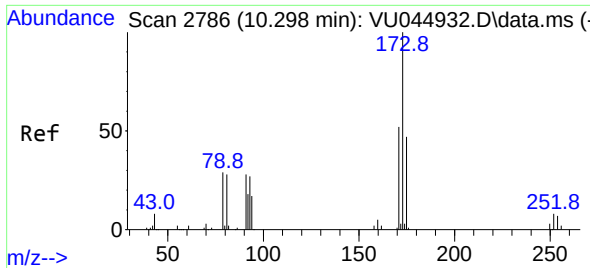
Ion Ratio Lower Upper

104 100

78 52.6 41.4 62.0

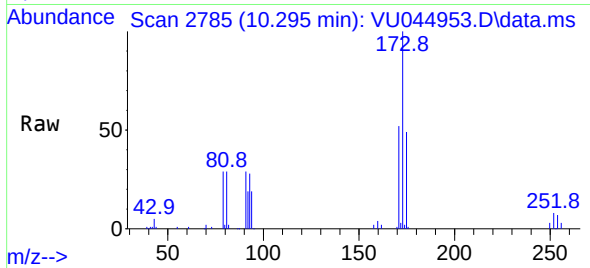
103 55.2 43.5 65.3





#71
Bromoform
Concen: 41.125 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

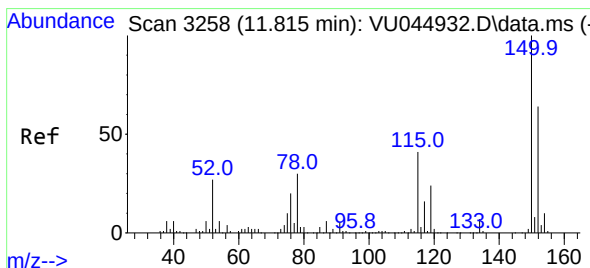
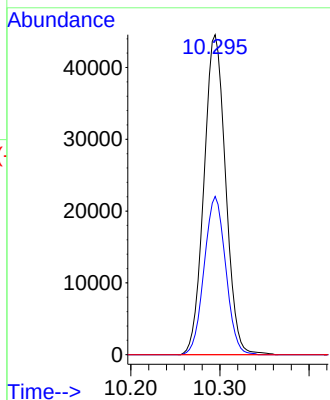
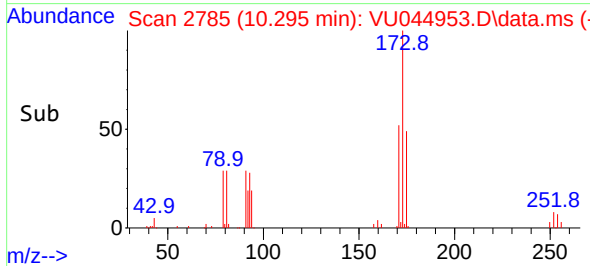
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion:173 Resp: 7520
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

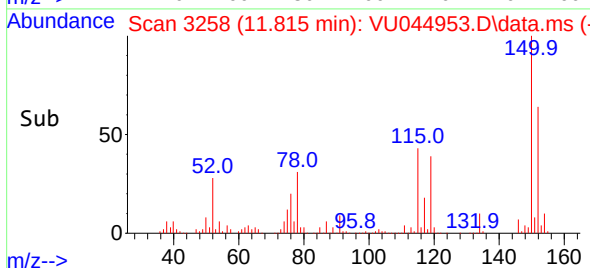
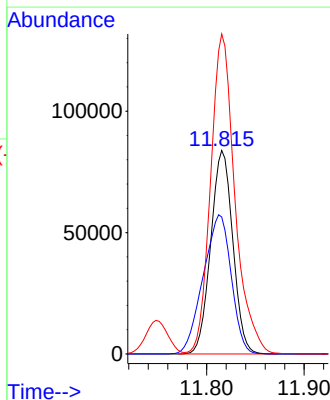
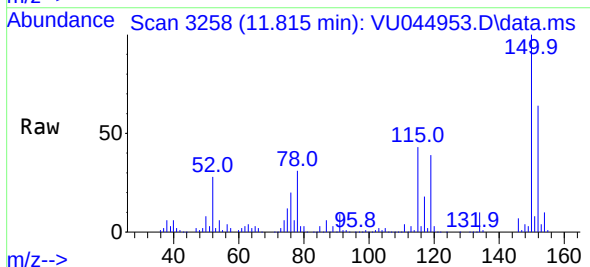
Manual Integrations
APPROVED

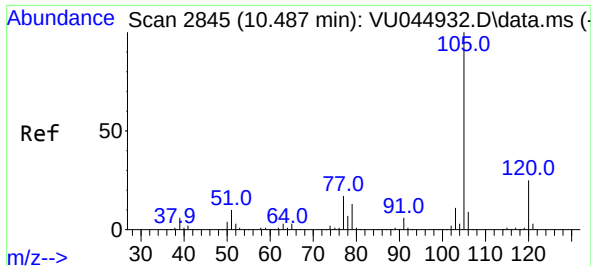
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion:152 Resp: 131840
Ion Ratio Lower Upper
152 100
115 86.6 43.5 130.7
150 173.0 0.0 350.0





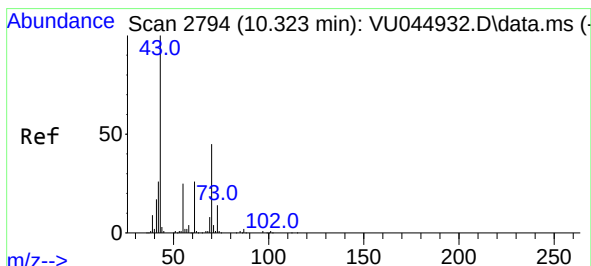
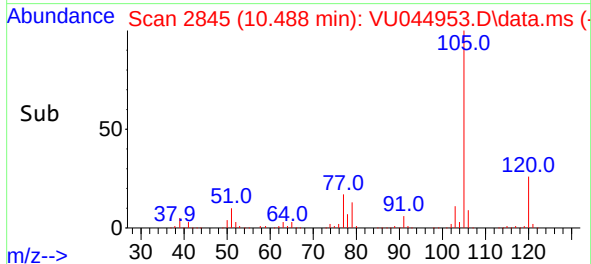
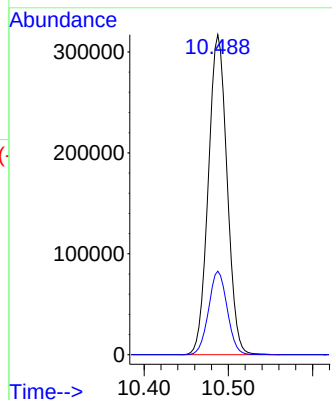
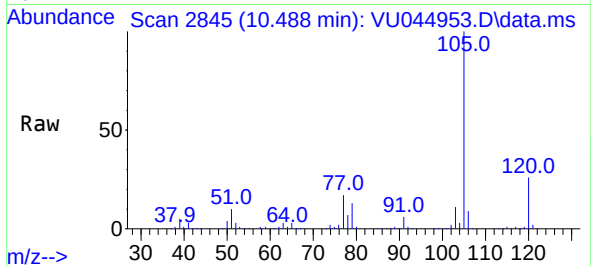
#73
Isopropylbenzene
Concen: 49.983 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion:105 Resp: 490733
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

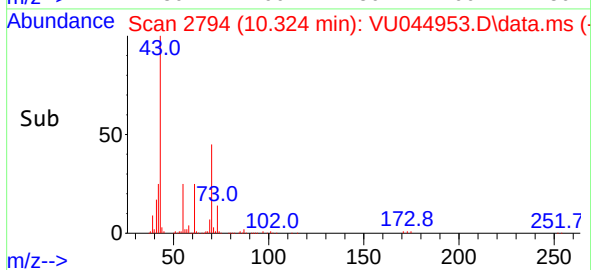
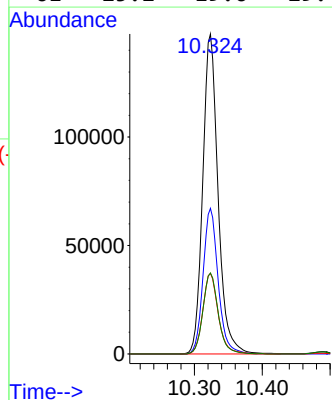
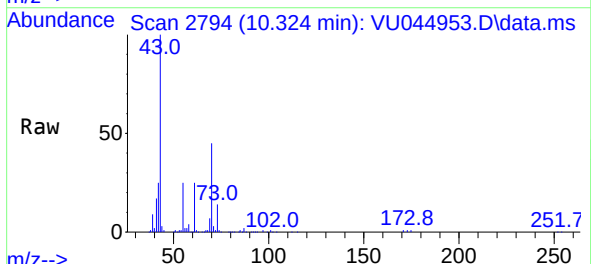
Manual Integrations
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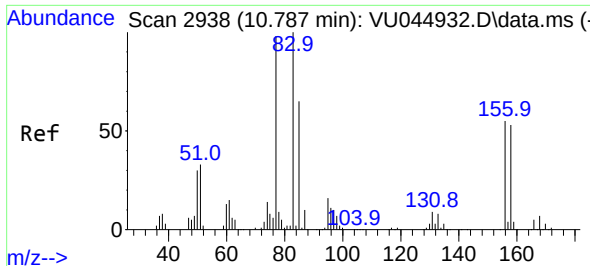
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 46.867 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Tgt Ion: 43 Resp: 231688
Ion Ratio Lower Upper
43 100
70 44.7 35.1 52.7
55 25.4 20.5 30.7
61 25.2 19.6 29.4





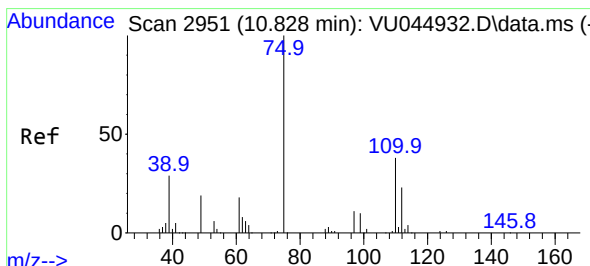
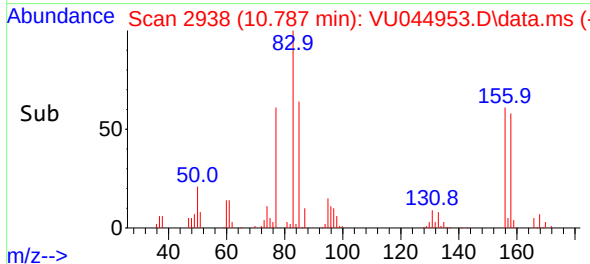
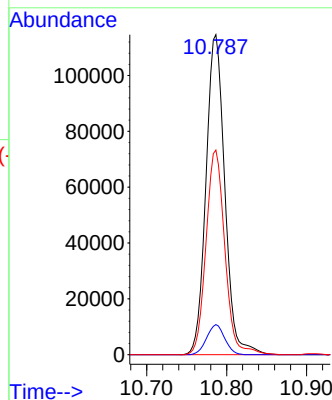
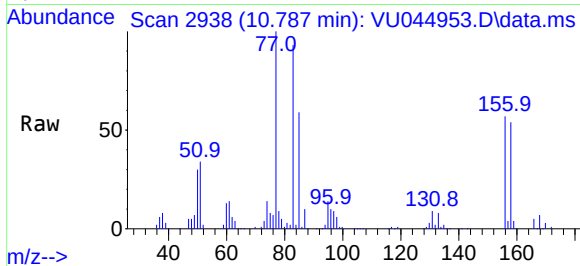
#75
1,1,2,2-Tetrachloroethane
Concen: 44.212 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion: 83 Resp: 187815
Ion Ratio Lower Upper
83 100
131 9.0 4.3 13.1
85 64.0 31.9 95.5

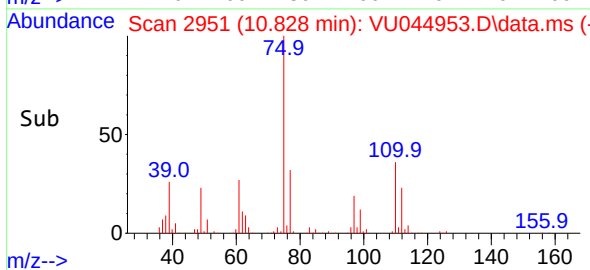
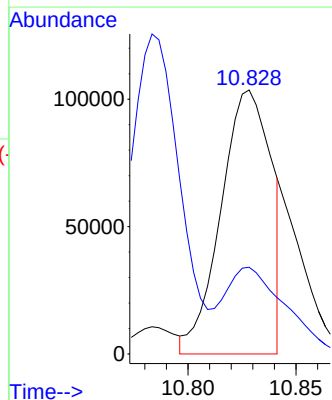
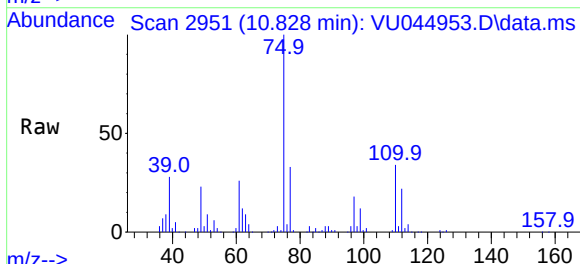
Manual Integrations
APPROVED

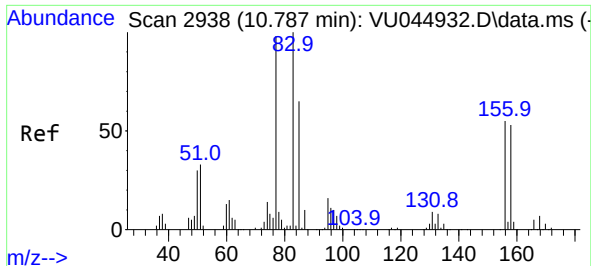
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#76
1,2,3-Trichloropropane
Concen: 43.535 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

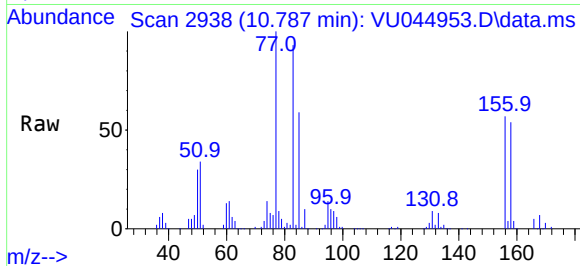
Tgt Ion: 75 Resp: 167414
Ion Ratio Lower Upper
75 100
77 39.1 17.9 53.7





#77
Bromobenzene
Concen: 47.781 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

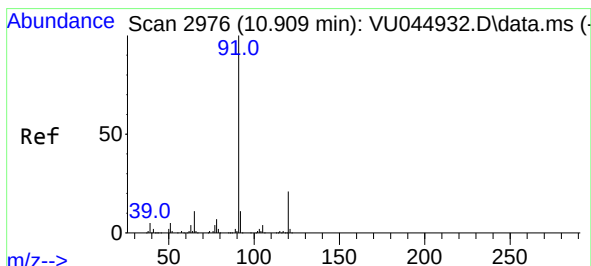
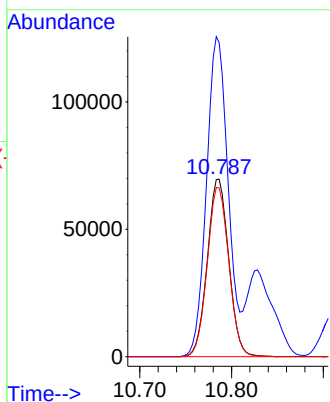
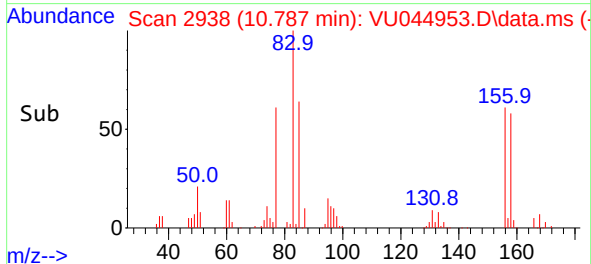
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



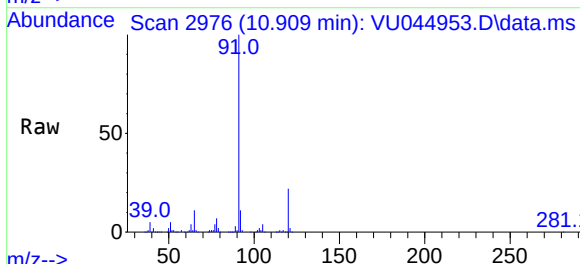
Tgt Ion:156 Resp: 11327
Ion Ratio Lower Upper
156 100
77 179.8 91.1 273.4
158 95.9 48.2 144.6

Manual Integrations
APPROVED

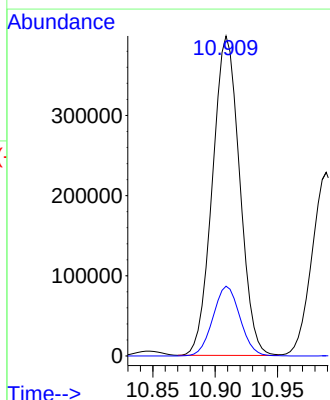
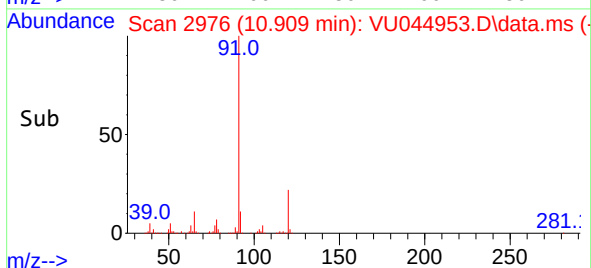
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

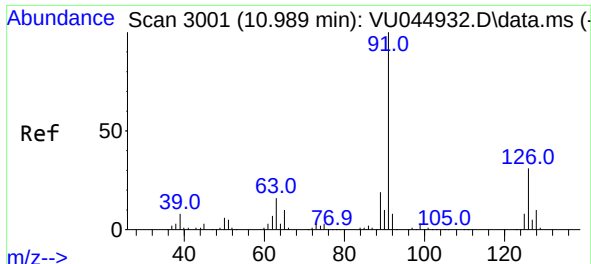


#78
n-propylbenzene
Concen: 50.517 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



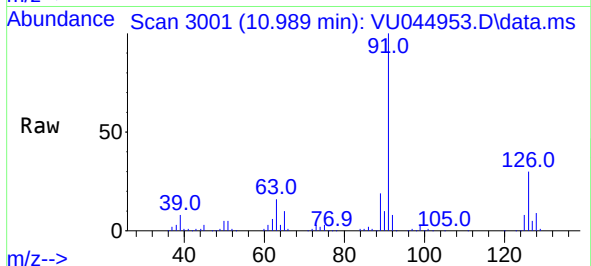
Tgt Ion: 91 Resp: 604409
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79
2-Chlorotoluene
Concen: 47.540 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

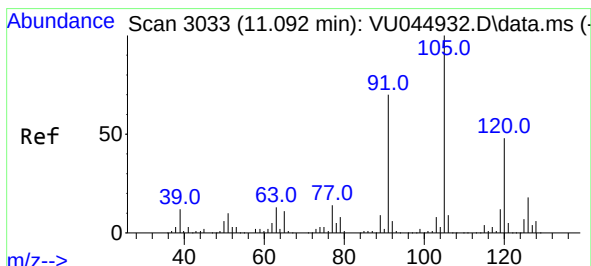
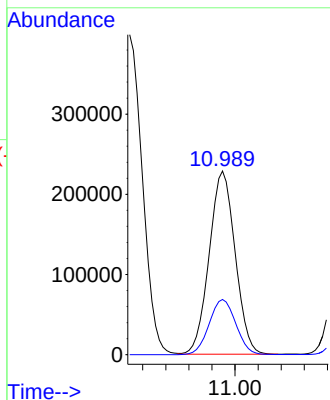
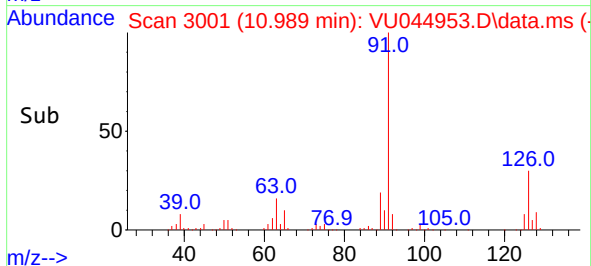
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



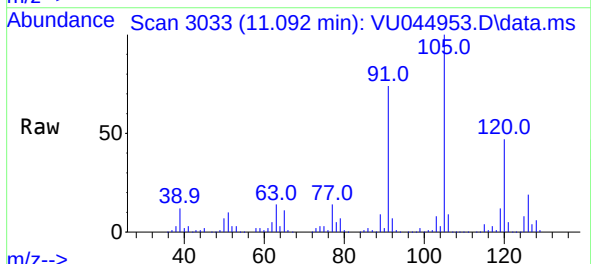
Tgt Ion: 91 Resp: 356534
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

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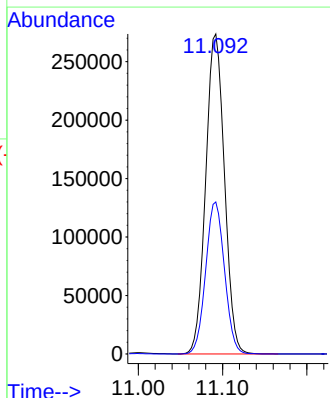
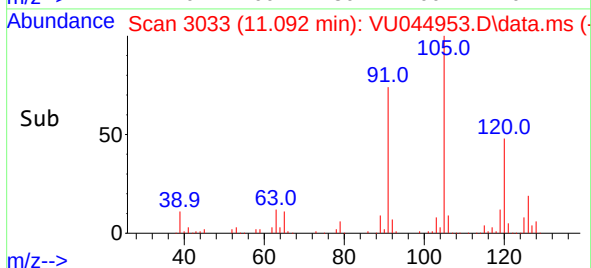
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

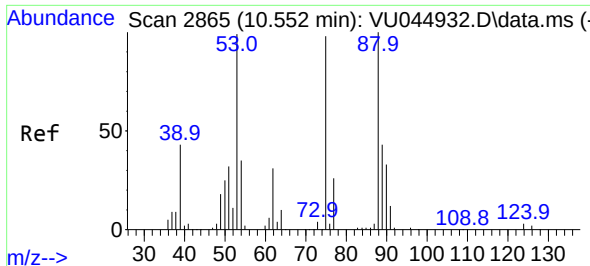


#80
1,3,5-Trimethylbenzene
Concen: 49.306 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



Tgt Ion:105 Resp: 424079
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





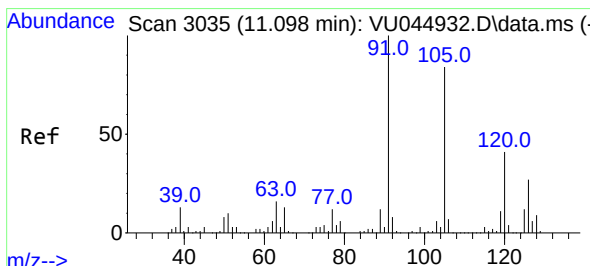
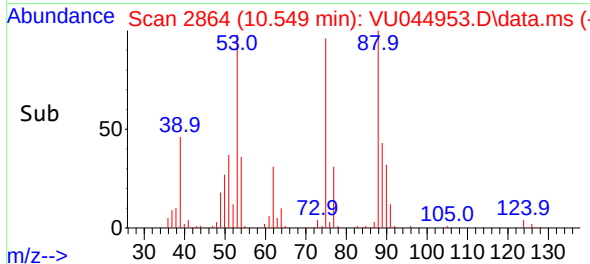
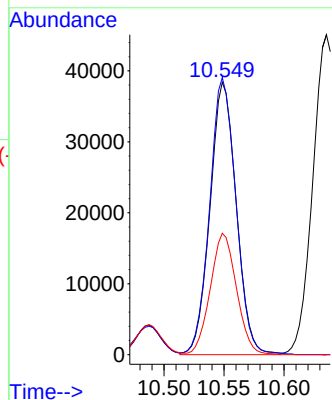
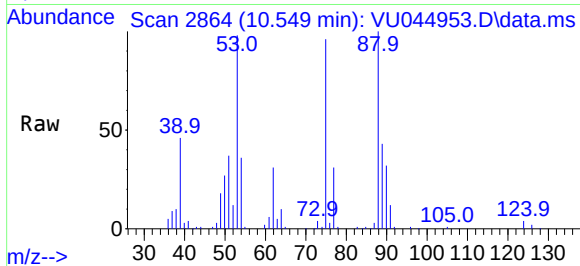
#81
trans-1,4-Dichloro-2-butene
Concen: 42.198 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD

Tgt Ion: 75 Resp: 5847
Ion Ratio Lower Upper
75 100
53 101.7 82.0 123.0
89 44.5 34.2 51.4

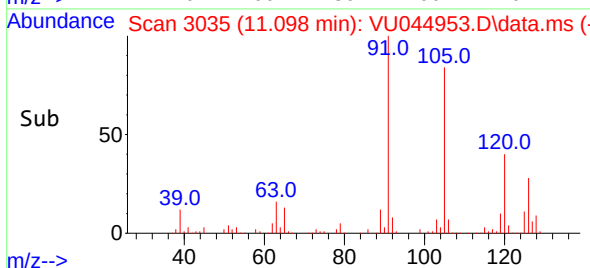
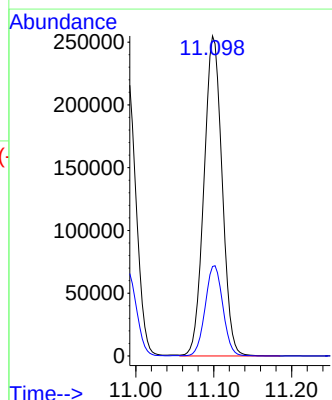
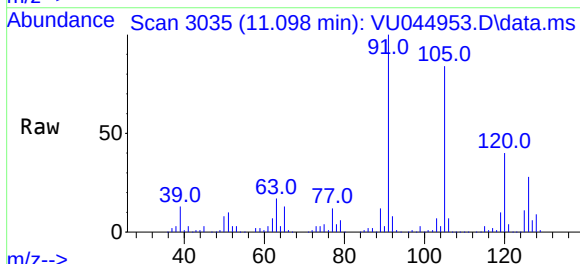
Manual Integrations
APPROVED

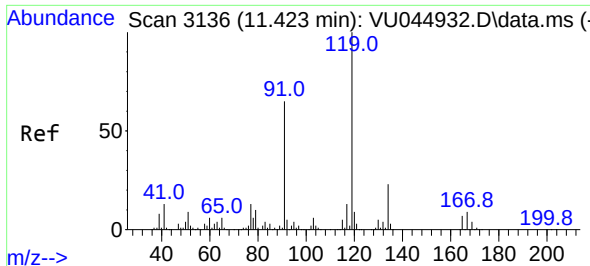
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 48.562 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

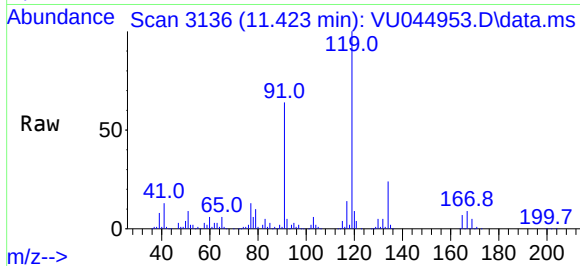
Tgt Ion: 91 Resp: 411659
Ion Ratio Lower Upper
91 100
126 27.5 13.8 41.4





#83
tert-Butylbenzene
Concen: 48.003 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

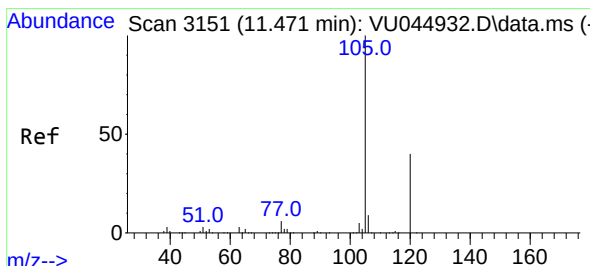
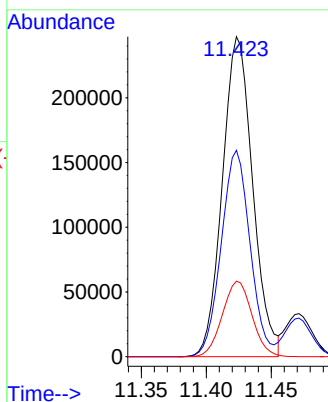
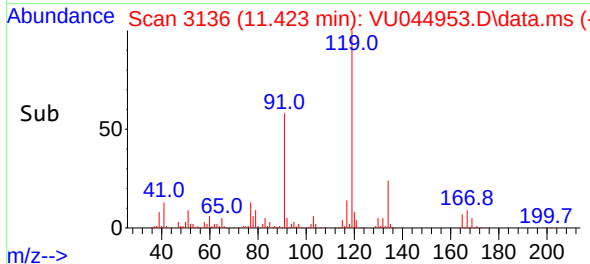
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion:119 Resp: 40158
Ion Ratio Lower Upper
119 100
91 61.4 30.4 91.2
134 23.0 11.5 34.5

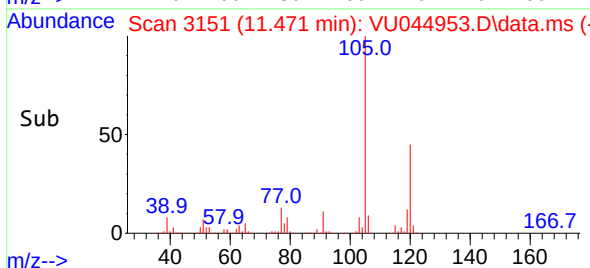
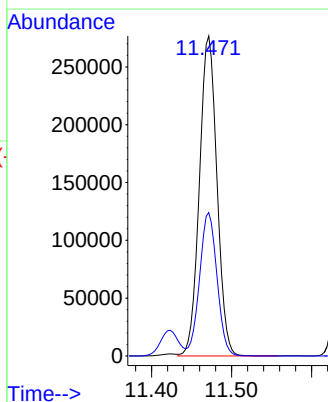
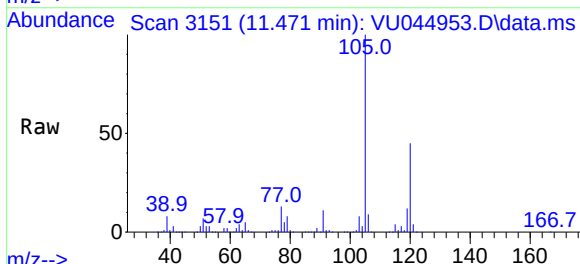
Manual Integrations
APPROVED

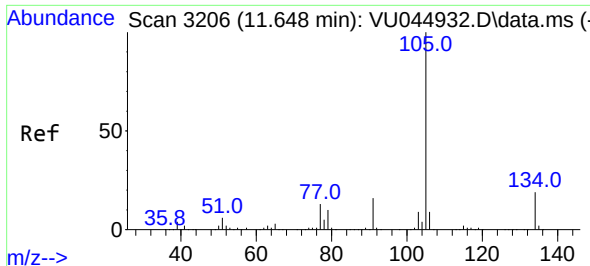
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 49.707 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

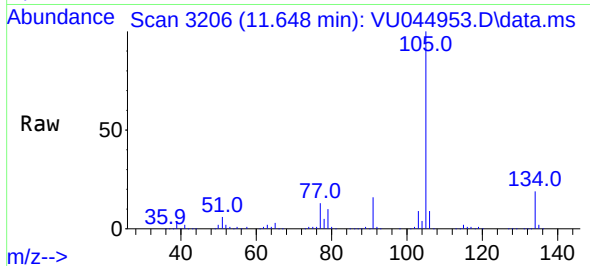
Tgt Ion:105 Resp: 422965
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.825 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

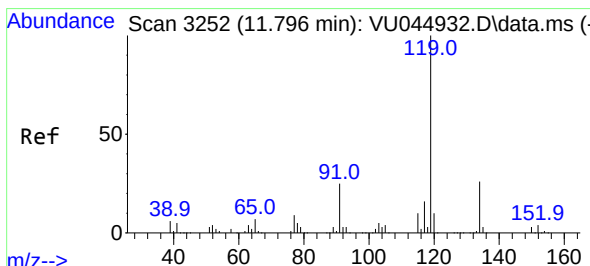
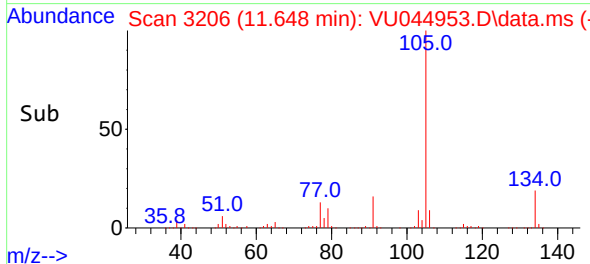
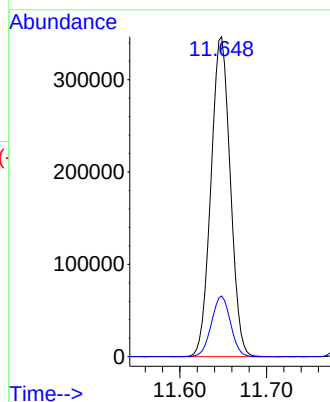
Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MSD



Tgt Ion:105 Resp: 53679
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 28.0

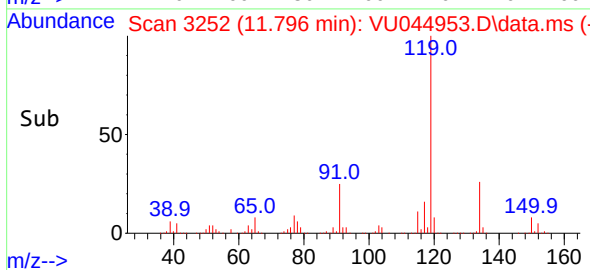
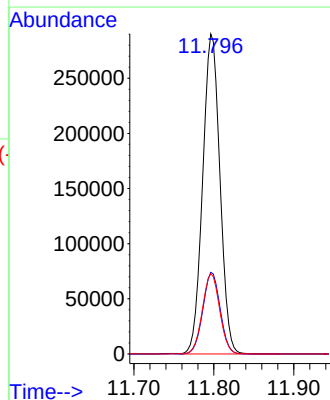
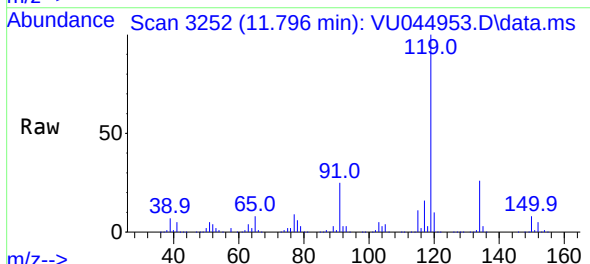
Manual Integrations
 APPROVED

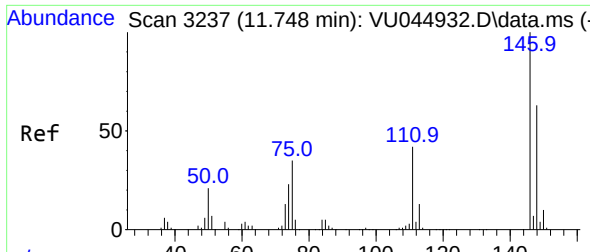
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 50.300 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044953.D
 Acq: 28 Sep 2021 19:51

Tgt Ion:119 Resp: 435913
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.633 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU044953.D

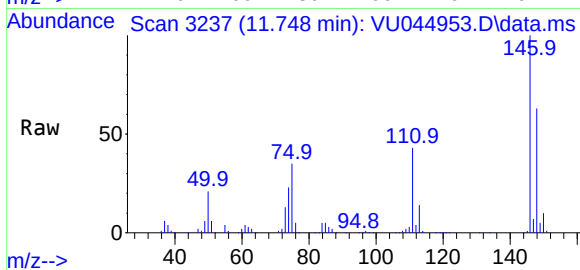
Acq: 28 Sep 2021 19:51

Instrument :

MSVOA_U

ClientSampleId :

RE105D2-20210917MSD



Tgt Ion:146 Resp: 216250

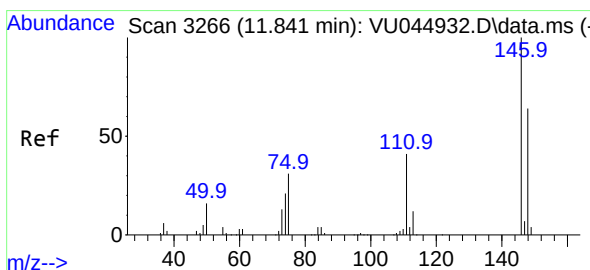
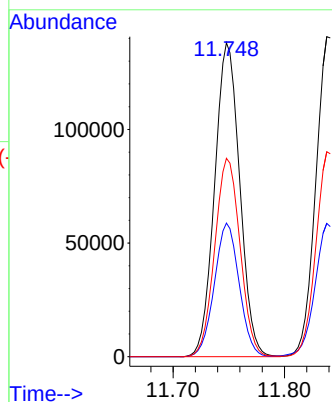
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	63.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

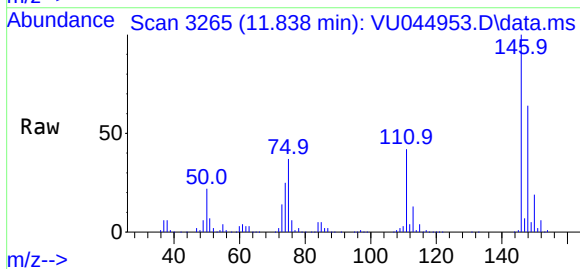
Concen: 46.990 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

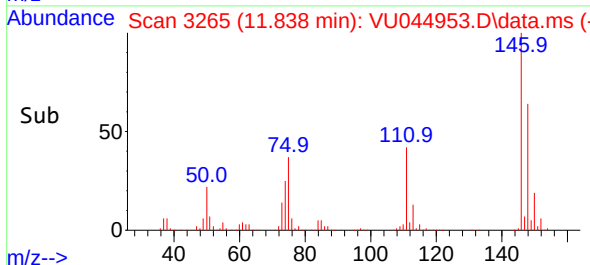
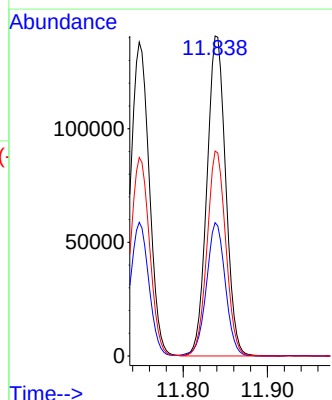
Lab File: VU044953.D

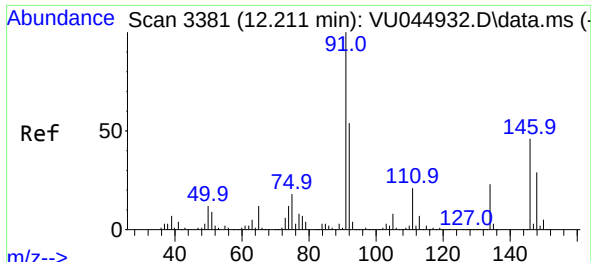
Acq: 28 Sep 2021 19:51



Tgt Ion:146 Resp: 218238

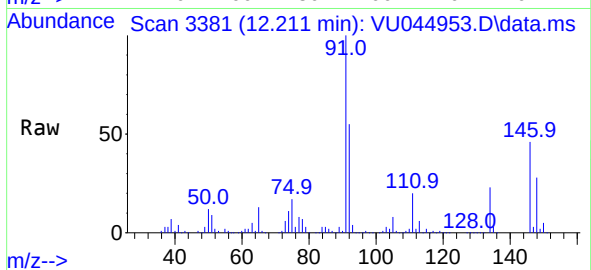
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	63.9	31.8	95.3





#89
n-Butylbenzene
Concen: 51.537 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

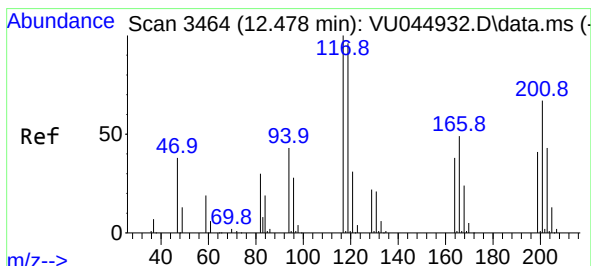
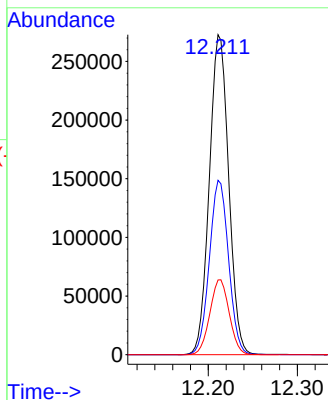
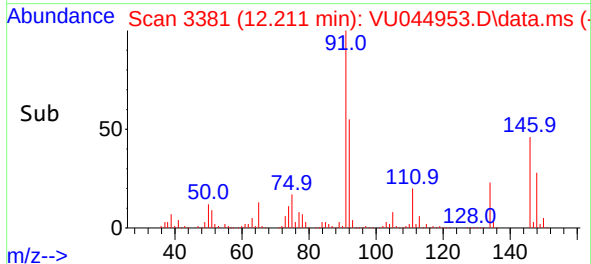
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion: 91 Resp: 411369
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 23.5 11.8 35.4

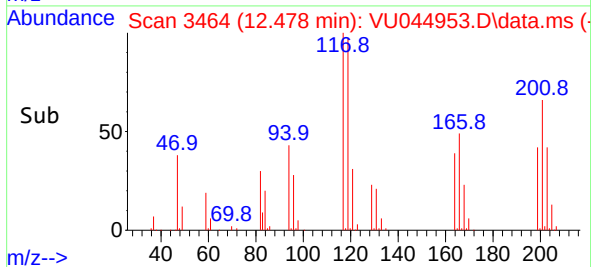
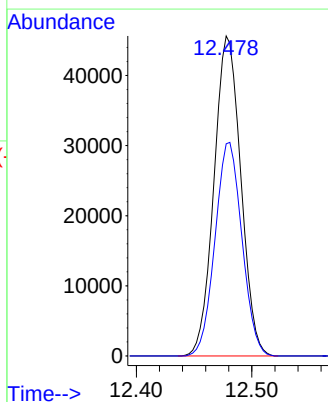
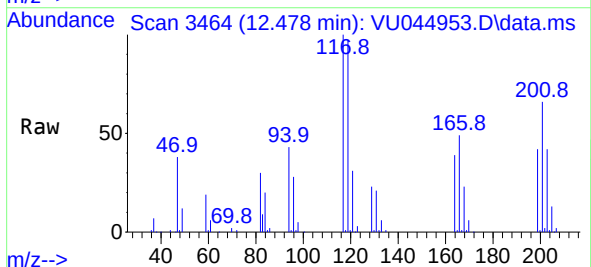
Manual Integrations
APPROVED

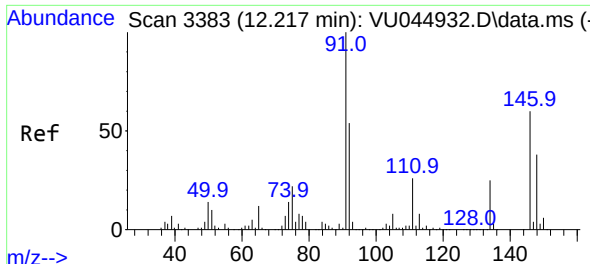
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 47.058 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

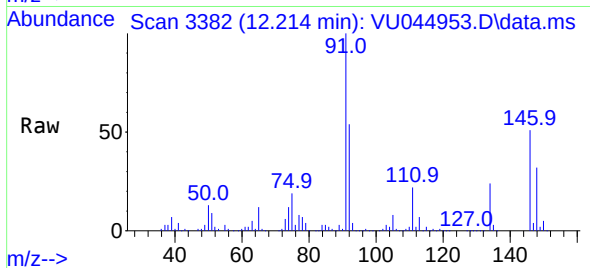
Tgt Ion:117 Resp: 73643
Ion Ratio Lower Upper
117 100
201 66.9 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 46.727 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

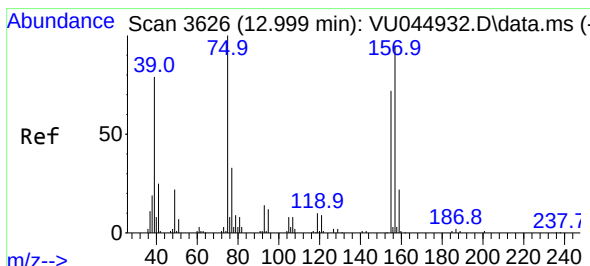
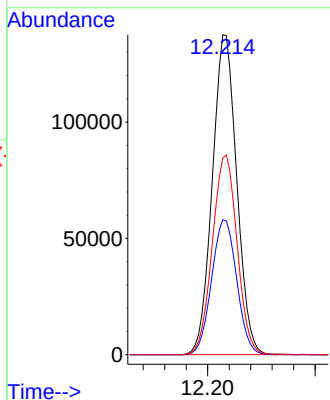
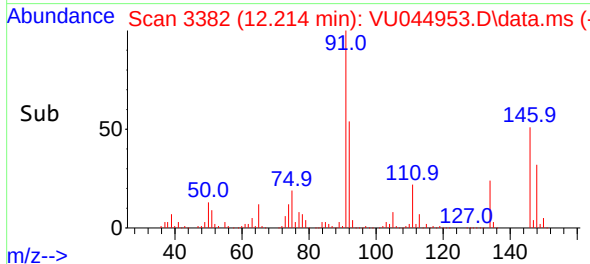
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



Tgt Ion:146 Resp: 216862
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.3
148 63.4 31.8 95.3

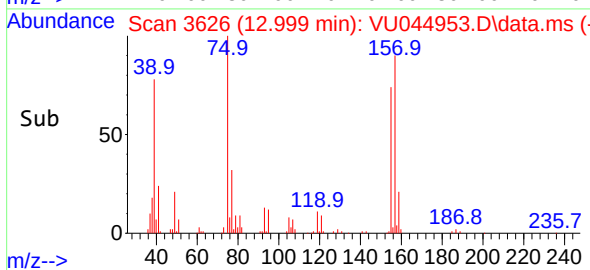
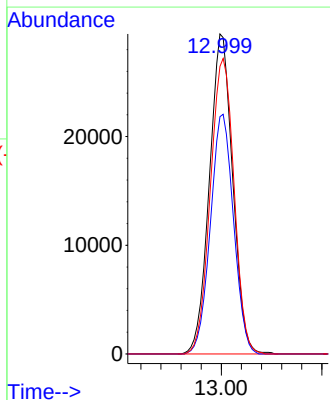
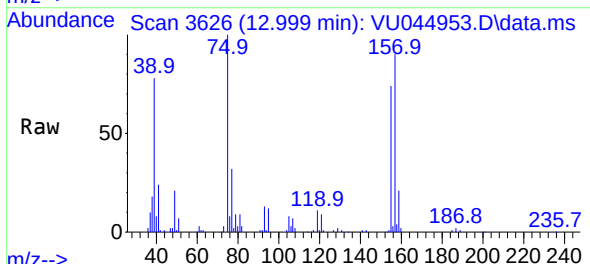
Manual Integrations
APPROVED

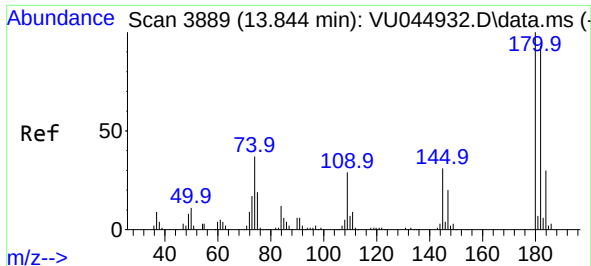
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.114 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

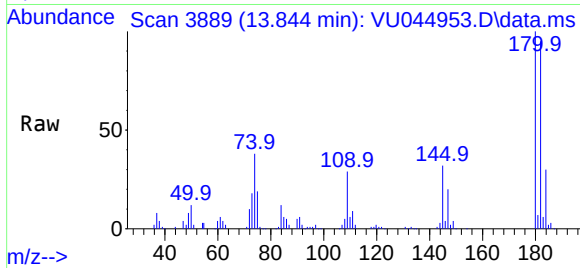
Tgt Ion: 75 Resp: 47224
Ion Ratio Lower Upper
75 100
155 74.6 36.9 110.6
157 93.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 51.569 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

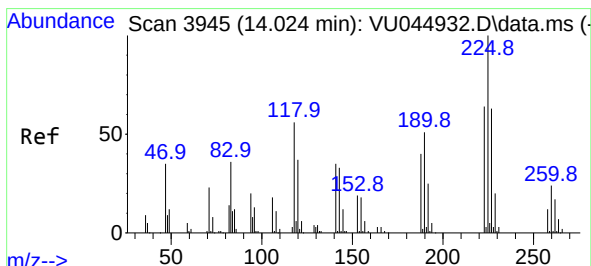
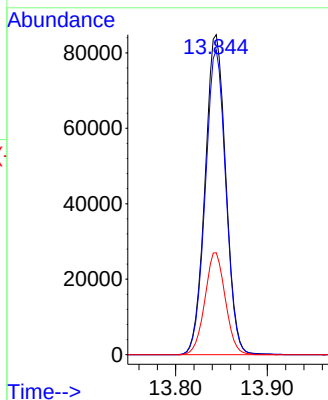
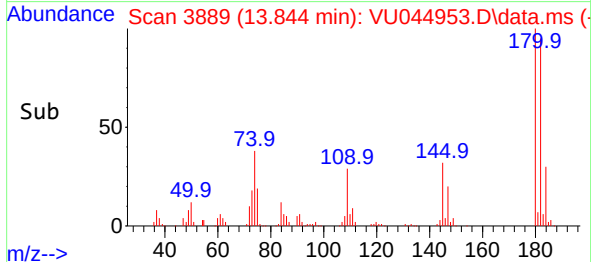
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



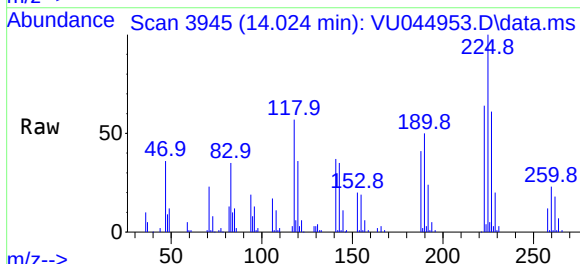
Tgt Ion:180 Resp: 133379
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 31.4 15.4 46.2

Manual Integrations
APPROVED

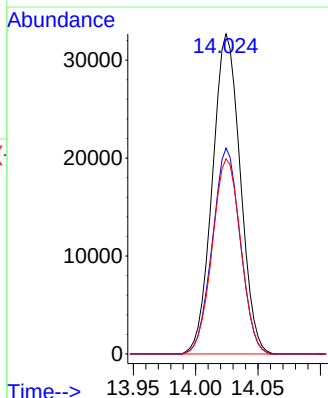
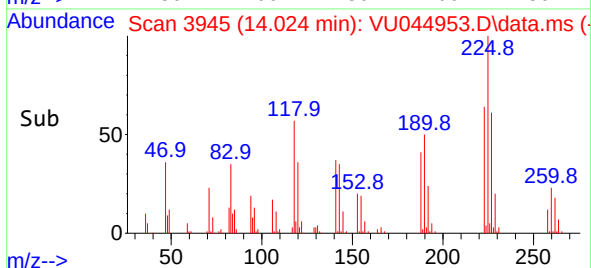
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

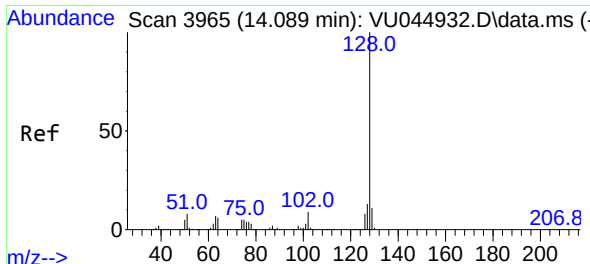


#94
Hexachlorobutadiene
Concen: 47.110 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



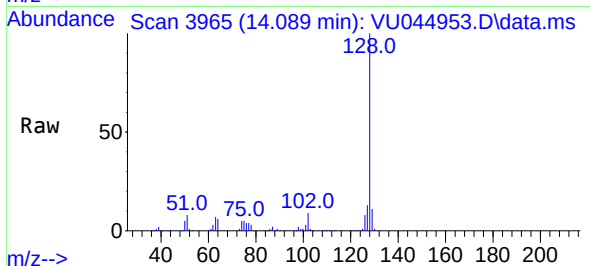
Tgt Ion:225 Resp: 50864
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.3
227 62.3 31.4 94.3





#95
Naphthalene
Concen: 51.267 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51

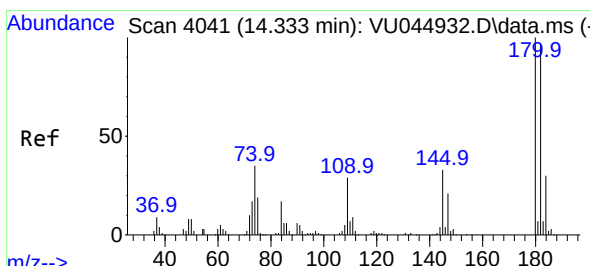
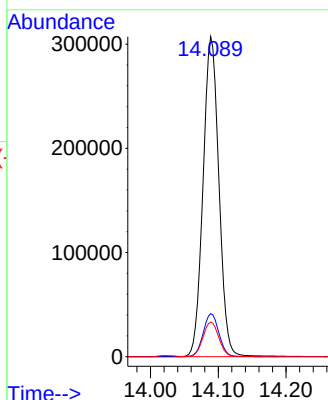
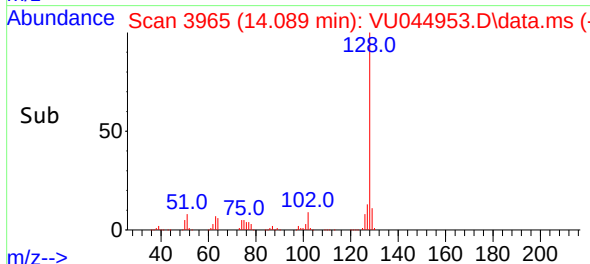
Instrument :
MSVOA_U
ClientSampleId :
RE105D2-20210917MSD



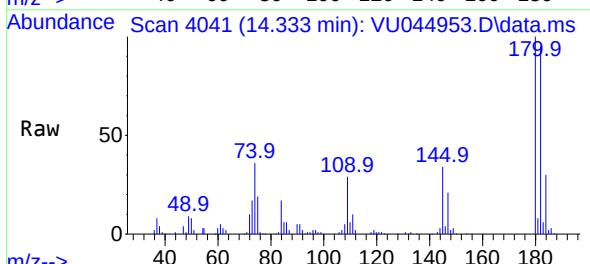
Tgt Ion:128 Resp: 498709
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.374 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044953.D
Acq: 28 Sep 2021 19:51



Tgt Ion:180 Resp: 133446
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.4
145 33.3 16.4 49.2

