

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044934.D
 Acq On : 28 Sep 2021 12:11
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 12:25:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	157406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	290617	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	297103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	153855	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.703	65	415268	153.590	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 307.180%#	
35) Dibromofluoromethane	5.292	113	293009	149.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 299.520%#	
50) Toluene-d8	7.902	98	1177086	158.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 316.580%#	
62) 4-Bromofluorobenzene	10.639	95	511435	180.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 360.660%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.382	85	293030	153.403	ug/l	98
3) Chloromethane	1.517	50	350240	124.046	ug/l	99
4) Vinyl Chloride	1.607	62	369545	138.162	ug/l	100
5) Bromomethane	1.829	94	139157	102.522	ug/l	100
7) Trichlorofluoromethane	2.112	101	496638	149.552	ug/l	100
8) Diethyl Ether	2.375	74	228088	150.672	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.568	101	287045	148.991	ug/l	98
10) Methyl Iodide	2.713	142	322556	154.173	ug/l	97
11) Tert butyl alcohol	3.266	59	556418	691.216	ug/l	100
12) 1,1-Dichloroethene	2.568	96	291588	152.527	ug/l	96
13) Acrolein	2.488	56	111221	525.791	ug/l	96
14) Allyl chloride	2.919	41	503322	137.158	ug/l	96
15) Acrylonitrile	3.321	53	1157842	699.136	ug/l	99
16) Acetone	2.636	43	1045728	665.486	ug/l	100
17) Carbon Disulfide	2.780	76	843046	156.132	ug/l	100
18) Methyl Acetate	2.951	43	679095	132.687	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	1113996	155.989	ug/l	98
20) Methylene Chloride	3.041	84	344253	136.984	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	312372	153.011	ug/l	96
22) Diisopropyl ether	3.999	45	1078500	148.459	ug/l	92
23) Vinyl Acetate	3.957	43	4606173	774.452	ug/l	98
24) 1,1-Dichloroethane	3.867	63	619764	147.104	ug/l	100
25) 2-Butanone	4.713	43	1640756	699.714	ug/l	97
26) 2,2-Dichloropropane	4.665	77	523967	161.693	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	372016	149.860	ug/l	99
28) Bromochloromethane	4.977	49	266057	135.796	ug/l	95
29) Tetrahydrofuran	5.054	42	1011833	694.676	ug/l	96
30) Chloroform	5.092	83	612759	143.684	ug/l	100
31) Cyclohexane	5.388	56	564830	141.927	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	524584	152.093	ug/l	98
36) 1,1-Dichloropropene	5.526	75	470106	151.612	ug/l	99
37) Ethyl Acetate	4.809	43	608618	136.101	ug/l	98
38) Carbon Tetrachloride	5.526	117	417794	151.676	ug/l	97
39) Methylcyclohexane	6.764	83	582460	164.327	ug/l	97
40) Benzene	5.774	78	1356553	143.934	ug/l	99
41) Methacrylonitrile	4.980	41	311810	139.321	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.796	62	529449	142.489	ug/l	99
43) Isopropyl Acetate	5.919	43	947651	149.582	ug/l	98
44) Trichloroethene	6.542	130	322418	142.122	ug/l	98
45) 1,2-Dichloropropane	6.793	63	366346	145.100	ug/l	99
46) Dibromomethane	6.922	93	250264	148.229	ug/l	100
47) Bromodichloromethane	7.112	83	508965	153.111	ug/l	99
48) Methyl methacrylate	6.967	41	474334	158.643	ug/l	96
49) 1,4-Dioxane	6.980	88	210462	2759.611	ug/l	95
51) 4-Methyl-2-Pentanone	7.806	43	3494385	770.795	ug/l	98
52) Toluene	7.973	92	870463	153.684	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	614762	174.882	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	621645	164.659	ug/l	99
55) 1,1,2-Trichloroethane	8.410	97	376637	155.864	ug/l	99
56) Ethyl methacrylate	8.343	69	708597	182.646	ug/l	98
57) 1,3-Dichloropropane	8.581	76	664277	154.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	1199208	1299.403	ug/l	98
59) 2-Hexanone	8.697	43	2798462	763.321	ug/l	97
60) Dibromochloromethane	8.819	129	392006	168.845	ug/l	99
61) 1,2-Dibromoethane	8.931	107	404114	158.524	ug/l	99
64) Tetrachloroethene	8.555	164	274847	137.190	ug/l	99
65) Chlorobenzene	9.452	112	948257	152.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	346612	156.347	ug/l	99
67) Ethyl Benzene	9.574	91	1778424	159.750	ug/l	100
68) m/p-Xylenes	9.700	106	1364254	320.740	ug/l	99
69) o-Xylene	10.105	106	683982	165.244	ug/l	98
70) Styrene	10.121	104	1212138	174.060	ug/l	99
71) Bromoform	10.298	173	312731	167.963	ug/l #	100
73) Isopropylbenzene	10.491	105	1818615	165.857	ug/l	100
74) N-amyl acetate	10.327	43	929583	165.666	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	733908	145.627	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	702555m	149.487	ug/l	
77) Bromobenzene	10.790	156	426738	161.684	ug/l	99
78) n-propylbenzene	10.912	91	2274304	170.585	ug/l	99
79) 2-Chlorotoluene	10.992	91	1345346	164.971	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1597664	170.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	262955	176.748	ug/l	96
82) 4-Chlorotoluene	11.102	91	1578657	169.863	ug/l	99
83) tert-Butylbenzene	11.426	119	1563972	172.505	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	1601799	173.442	ug/l	99
85) sec-Butylbenzene	11.648	105	2041377	174.747	ug/l	100
86) p-Isopropyltoluene	11.799	119	1661753	174.846	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	812181	158.062	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	811300	153.111	ug/l	99
89) n-Butylbenzene	12.214	91	1601212	183.009	ug/l	99
90) Hexachloroethane	12.481	117	304435	176.193	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	802482	147.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	182850	151.787	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	491132	165.512	ug/l	99
94) Hexachlorobutadiene	14.024	225	193424	147.478	ug/l	99
95) Naphthalene	14.089	128	1791334	173.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	478914	160.047	ug/l	99

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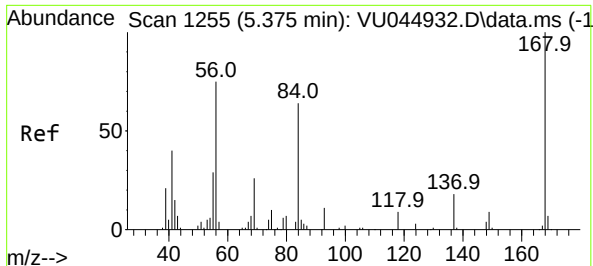
Manual Integrations
APPROVED

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Response via : Initial Calibration

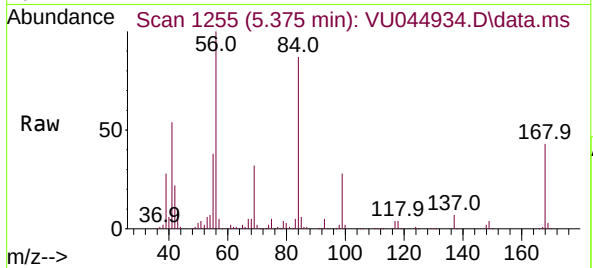
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044934.D
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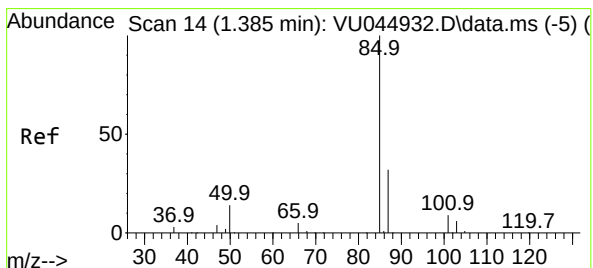
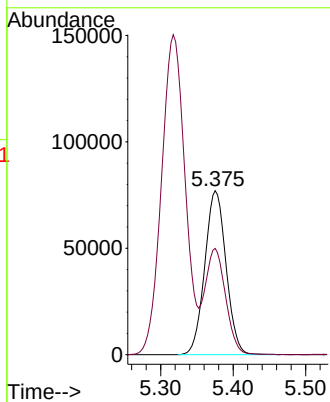
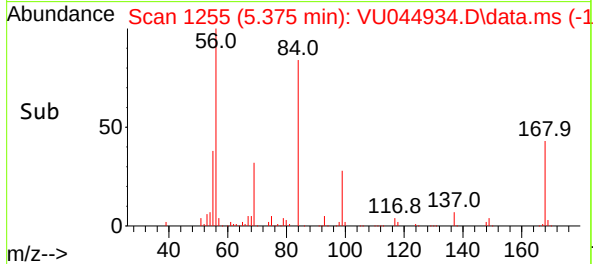
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 157400
Ion Ratio Lower Upper
168 100
99 64.8 51.4 77.0

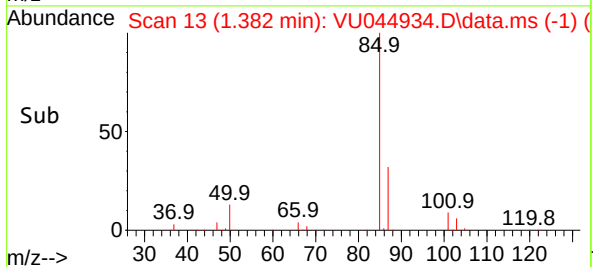
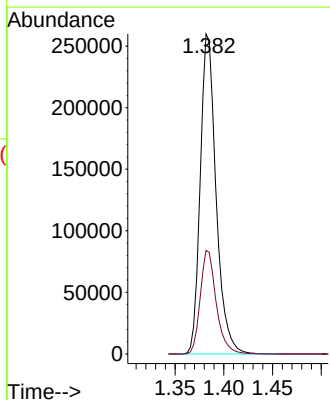
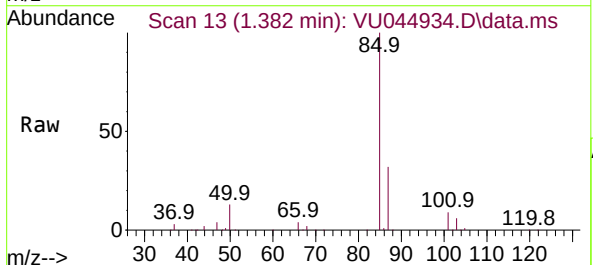
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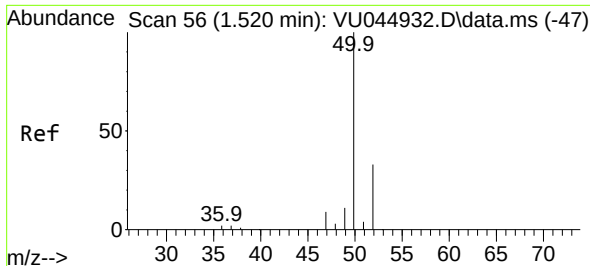
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#2
Dichlorodifluoromethane
Concen: 153.403 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

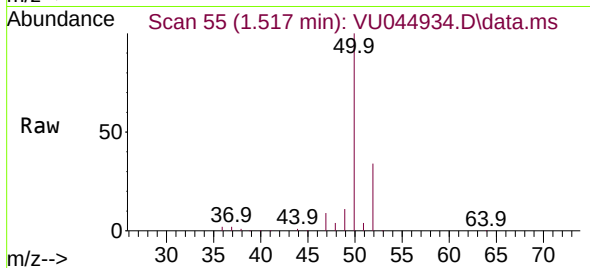
Tgt Ion: 85 Resp: 293030
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3
Chloromethane
Concen: 124.046 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

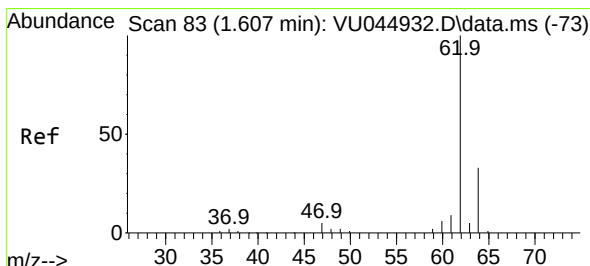
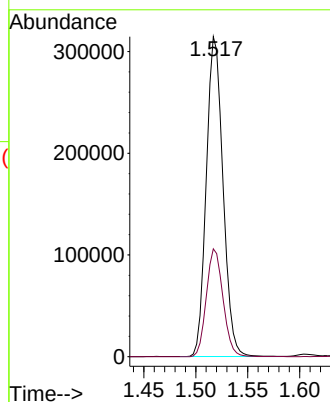
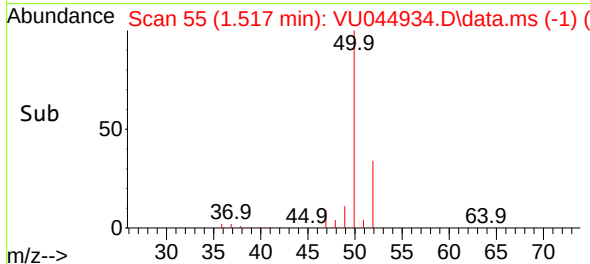
Instrument :
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Tgt Ion: 50 Resp: 350240
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5

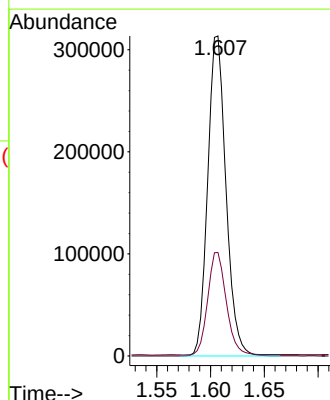
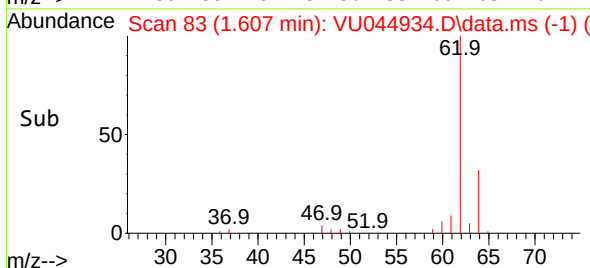
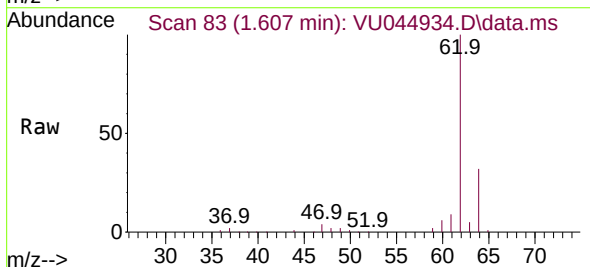
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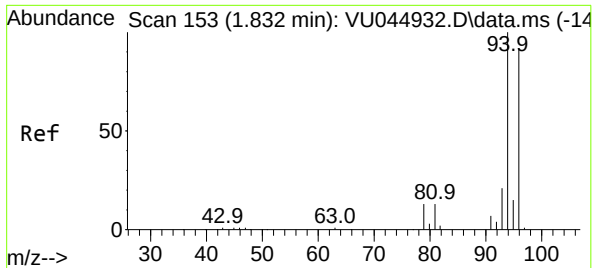
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#4
Vinyl Chloride
Concen: 138.162 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

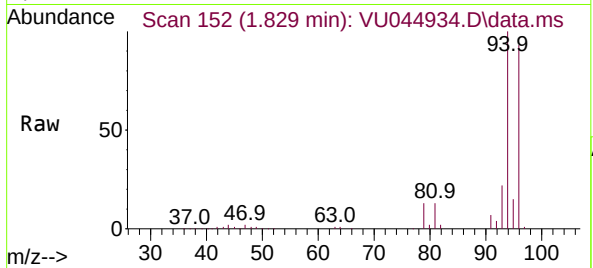
Tgt Ion: 62 Resp: 369545
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5
Bromomethane
Concen: 102.522 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

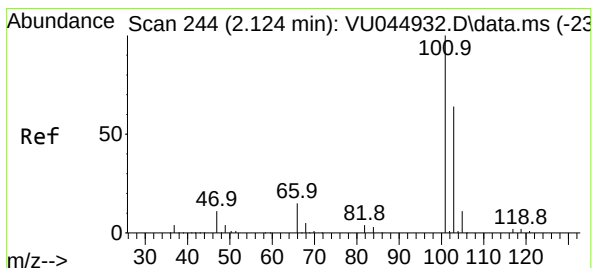
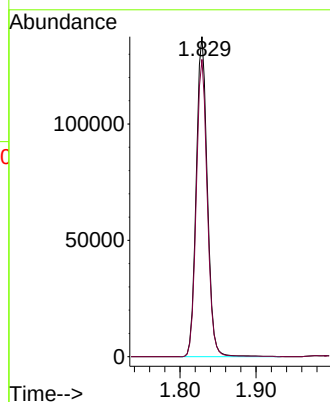
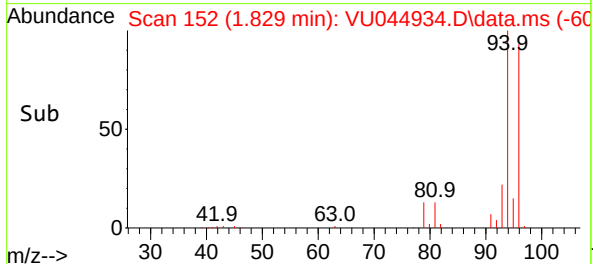
Instrument :
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Tgt Ion: 94 Resp: 13915
Ion Ratio Lower Upper
94 100
96 92.9 74.5 111.7

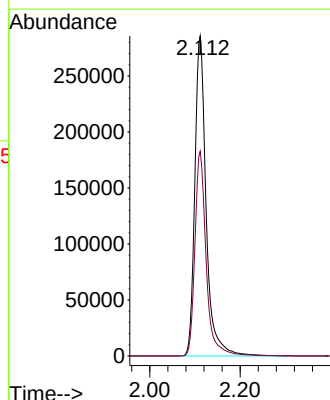
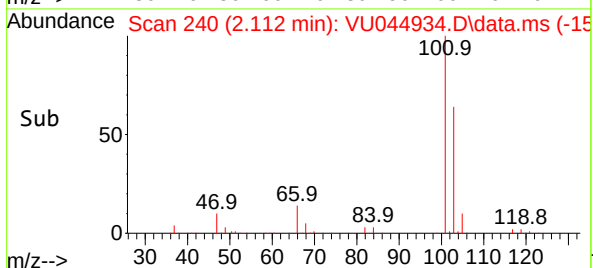
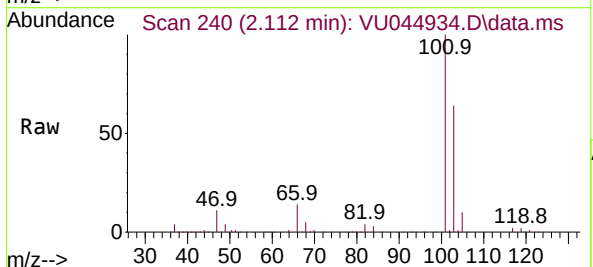
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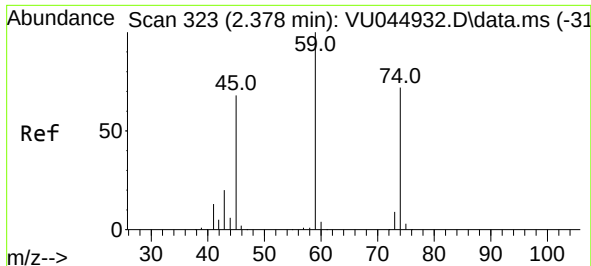
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#7
Trichlorofluoromethane
Concen: 149.552 ug/l
RT: 2.112 min Scan# 240
Delta R.T. -0.013 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

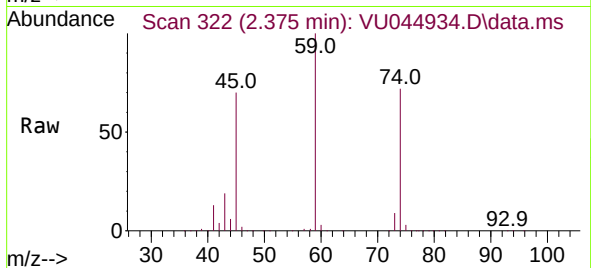
Tgt Ion:101 Resp: 496638
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8





#8
Diethyl Ether
Concen: 150.672 ug/l
RT: 2.375 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

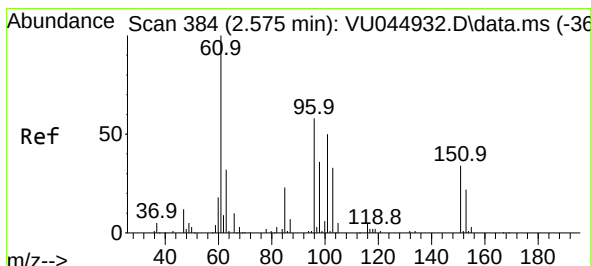
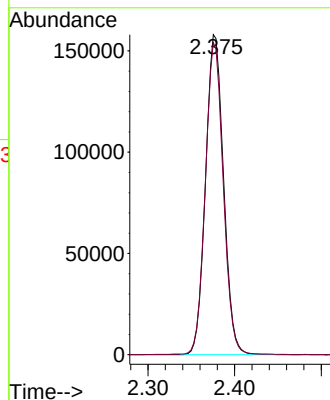
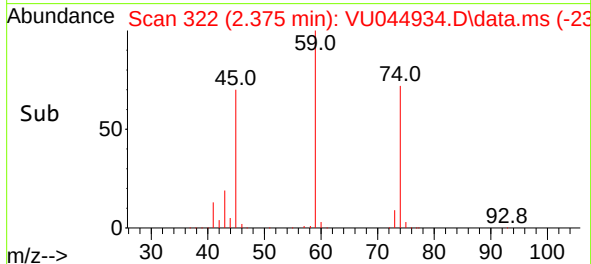
Instrument :
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Tgt Ion: 74 Resp: 228088
Ion Ratio Lower Upper
74 100
45 96.9 52.2 156.6

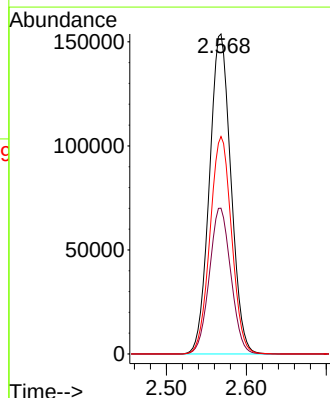
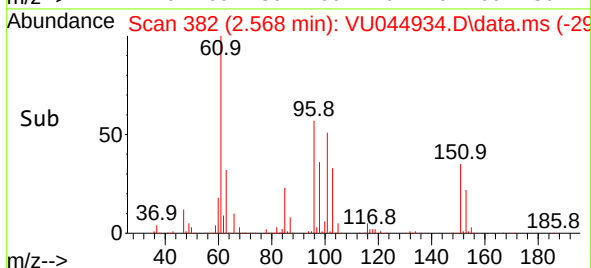
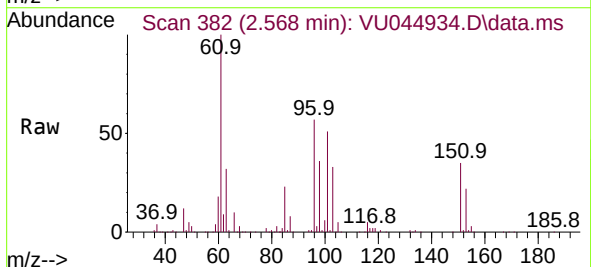
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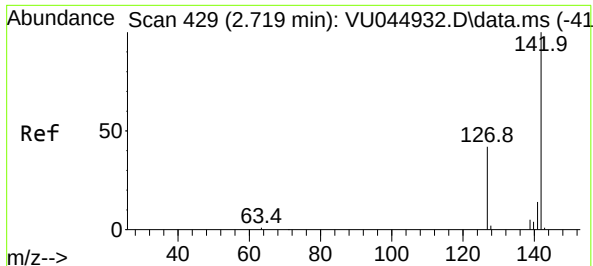
Reviewed By :John Carlone 09/29/2021
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.991 ug/l
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

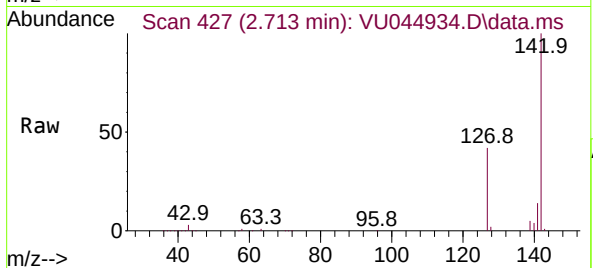
Tgt Ion:101 Resp: 287045
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 68.4 55.8 83.8





#10
Methyl Iodide
Concen: 154.173 ug/l
RT: 2.713 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

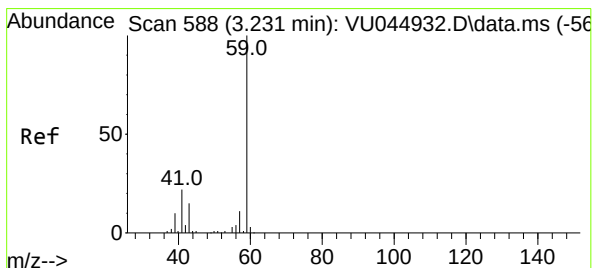
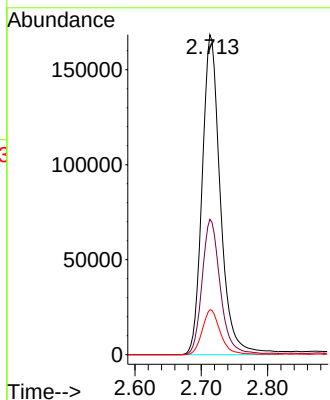
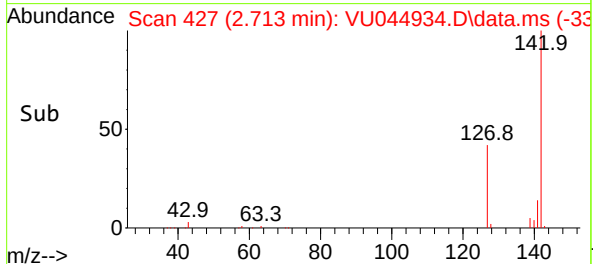
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VSTDIC150



Tgt Ion:142 Resp: 322550
Ion Ratio Lower Upper
142 100
127 42.3 35.6 53.4
141 14.0 11.3 16.9

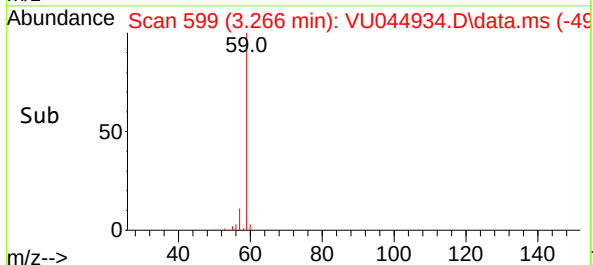
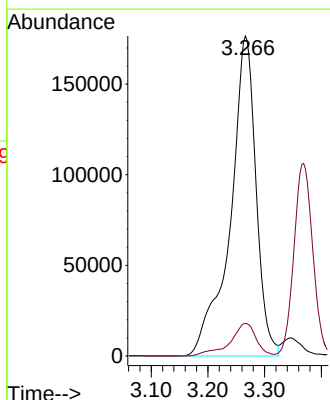
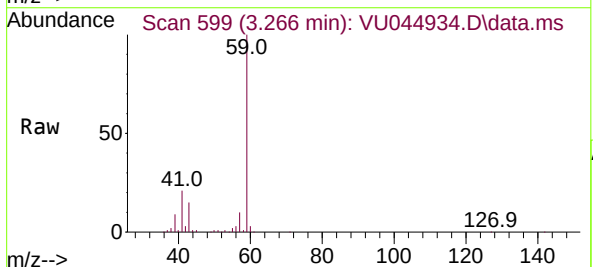
Manual Integrations
APPROVED

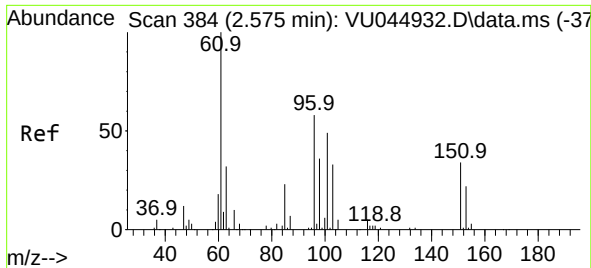
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#11
Tert butyl alcohol
Concen: 691.216 ug/l
RT: 3.266 min Scan# 599
Delta R.T. 0.035 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

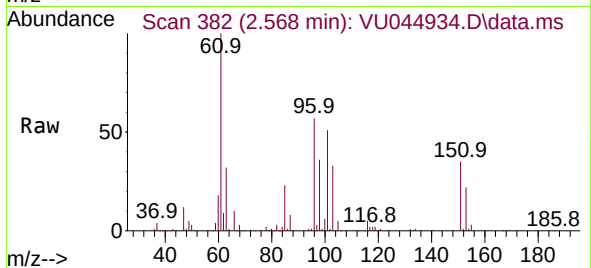
Tgt Ion: 59 Resp: 556418
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5





#12
1,1-Dichloroethene
Concen: 152.527 ug/l
RT: 2.568 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

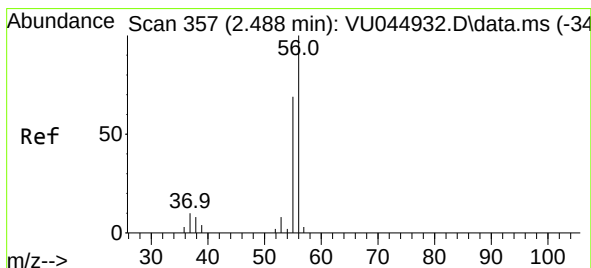
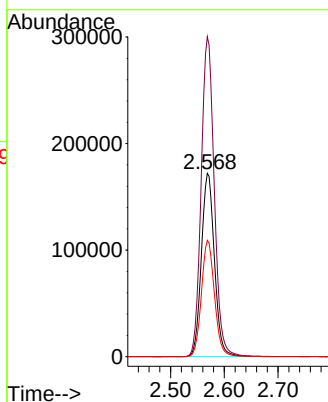
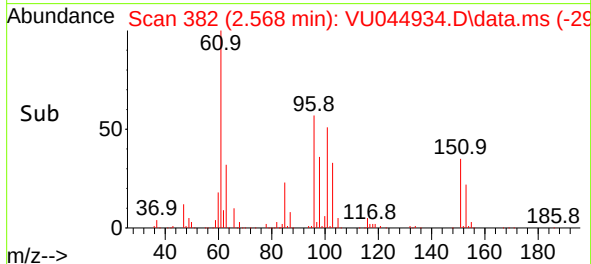
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



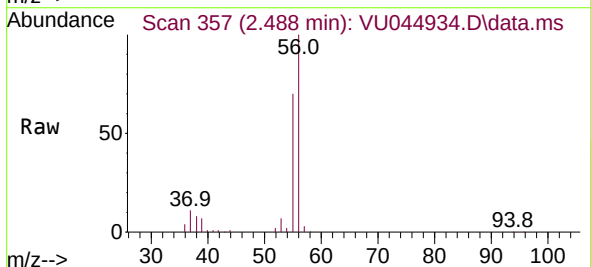
Tgt Ion: 96 Resp: 291588
Ion Ratio Lower Upper
96 100
61 174.5 145.4 218.0
98 63.5 50.9 76.3

Manual Integrations
APPROVED

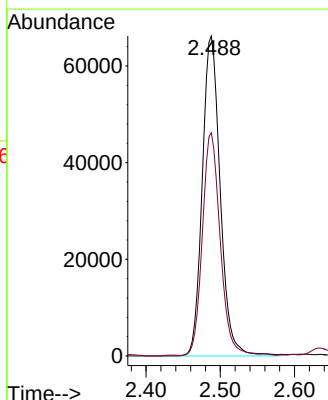
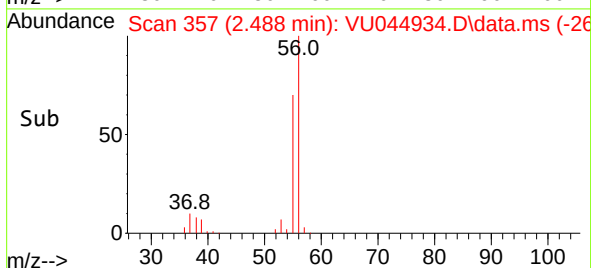
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

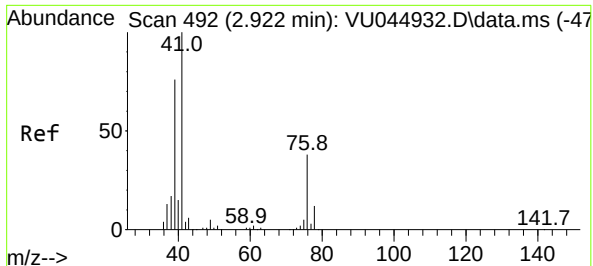


#13
Acrolein
Concen: 525.791 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



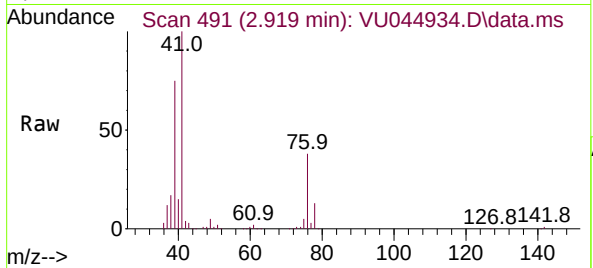
Tgt Ion: 56 Resp: 111221
Ion Ratio Lower Upper
56 100
55 68.7 57.4 86.0





#14
 Allyl chloride
 Concen: 137.158 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU044934.D
 Acq: 28 Sep 2021 12:11

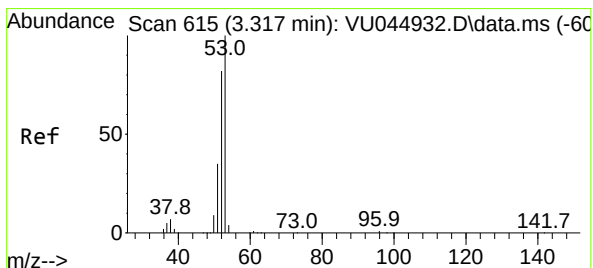
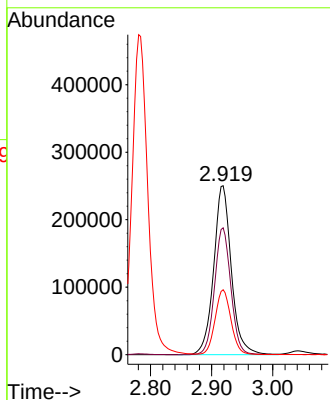
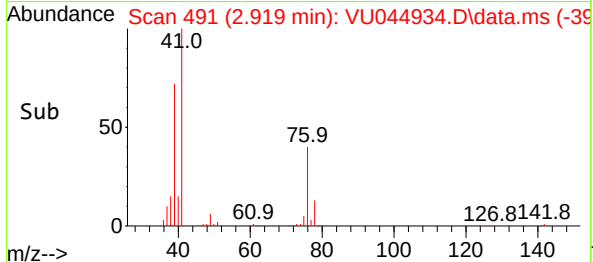
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC150



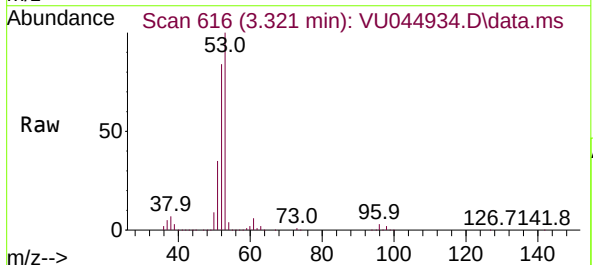
Tgt Ion: 41 Resp: 50332
 Ion Ratio Lower Upper
 41 100
 39 69.1 53.0 79.6
 76 34.2 25.7 38.5

Manual Integrations
 APPROVED

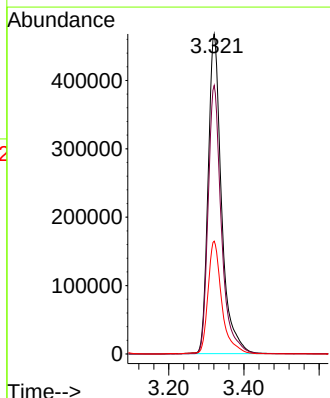
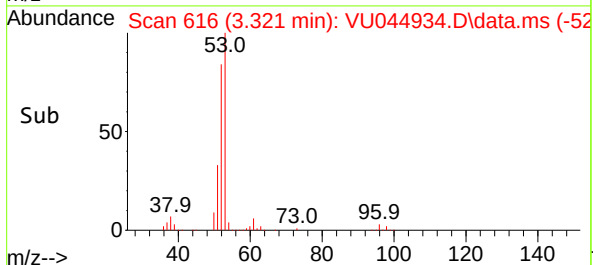
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

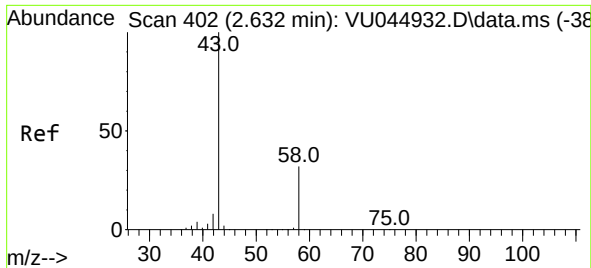


#15
 Acrylonitrile
 Concen: 699.136 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU044934.D
 Acq: 28 Sep 2021 12:11



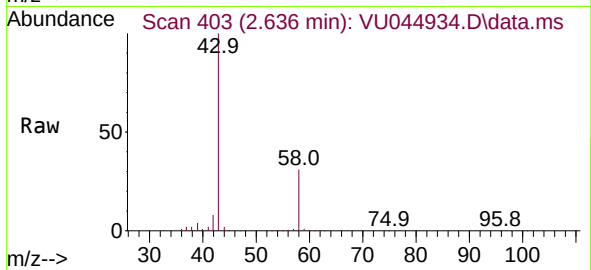
Tgt Ion: 53 Resp: 1157842
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.0 99.0
 51 36.3 28.6 42.8





#16
Acetone
Concen: 665.486 ug/l
RT: 2.636 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

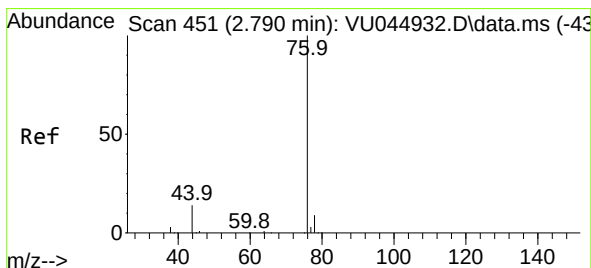
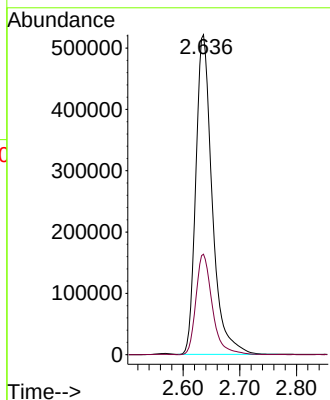
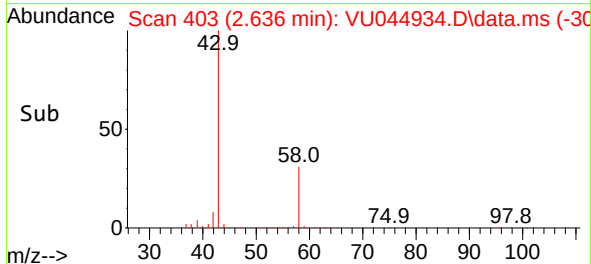
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC150



Tgt Ion: 43 Resp: 1045728
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8

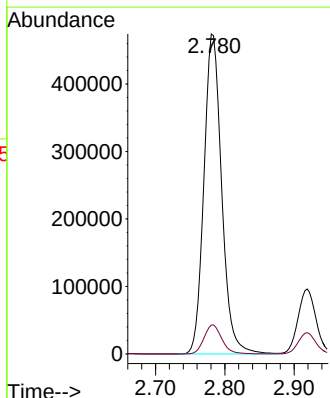
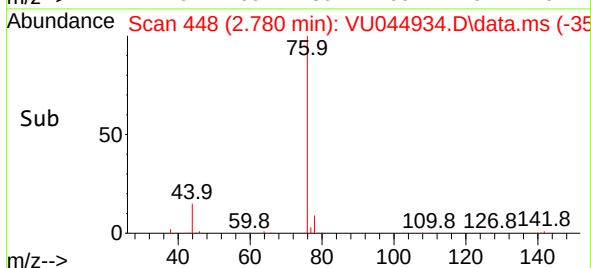
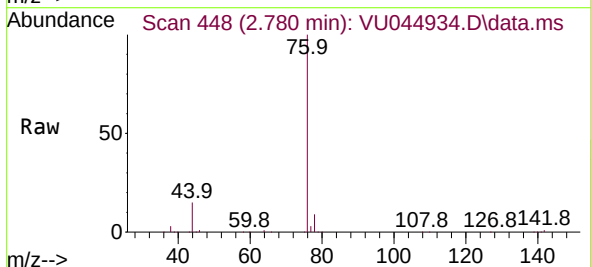
Manual Integrations
APPROVED

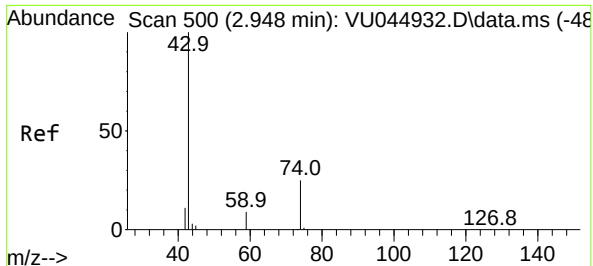
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#17
Carbon Disulfide
Concen: 156.132 ug/l
RT: 2.780 min Scan# 448
Delta R.T. -0.010 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 76 Resp: 843046
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#18

Methyl Acetate

Concen: 132.687 ug/l

RT: 2.951 min Scan# 500

Delta R.T. 0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 67909

Ion Ratio Lower Upper

43 100

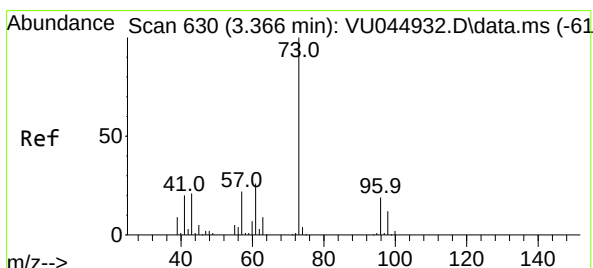
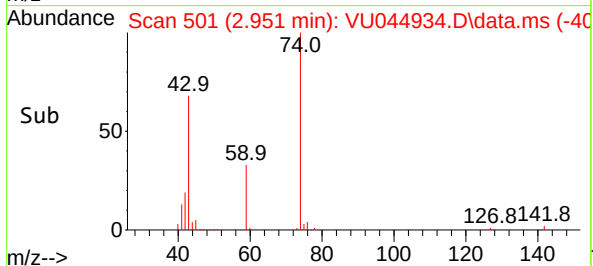
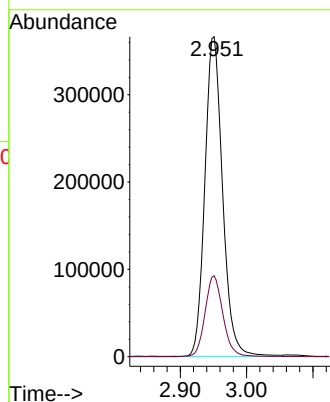
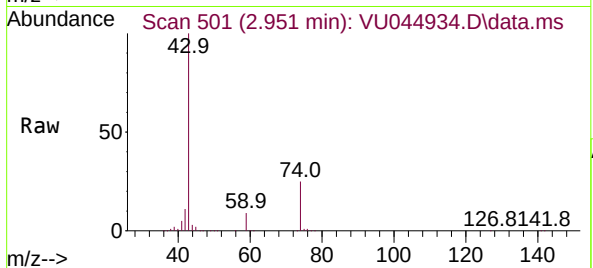
74 25.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#19

Methyl tert-butyl Ether

Concen: 155.989 ug/l

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU044934.D

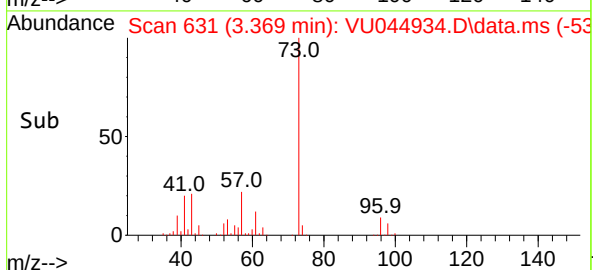
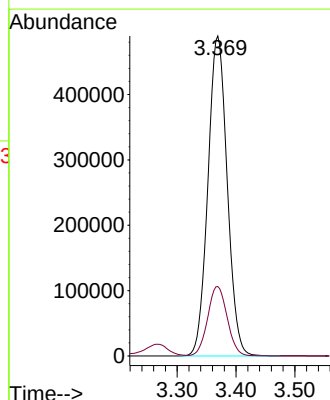
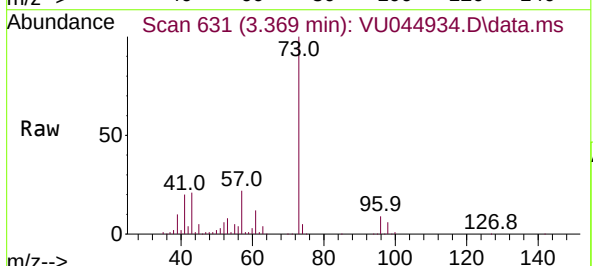
Acq: 28 Sep 2021 12:11

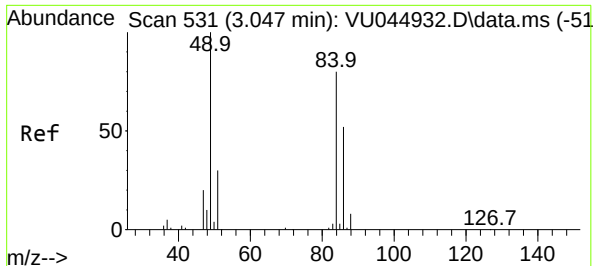
Tgt Ion: 73 Resp: 1113996

Ion Ratio Lower Upper

73 100

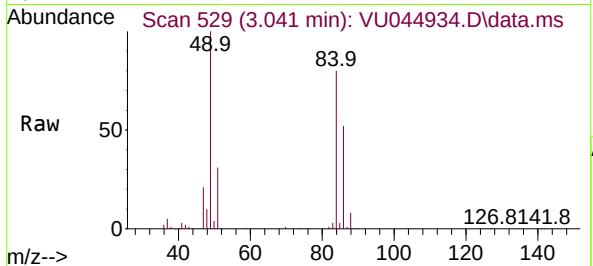
57 21.7 18.2 27.2





#20
Methylene Chloride
Concen: 136.984 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

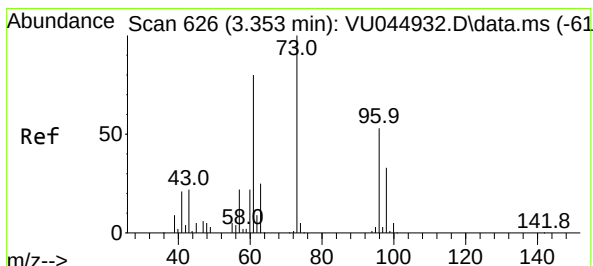
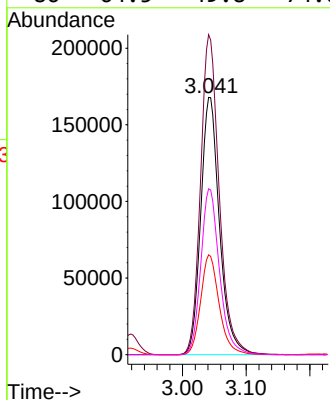
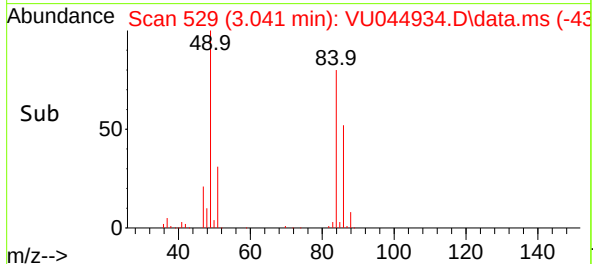
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 84 Resp: 34425
Ion Ratio Lower Upper
84 100
49 124.4 104.9 157.3
51 38.8 31.8 47.8
86 64.5 49.8 74.6

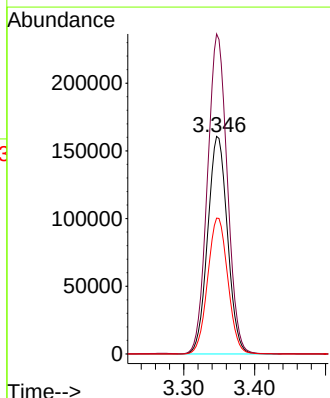
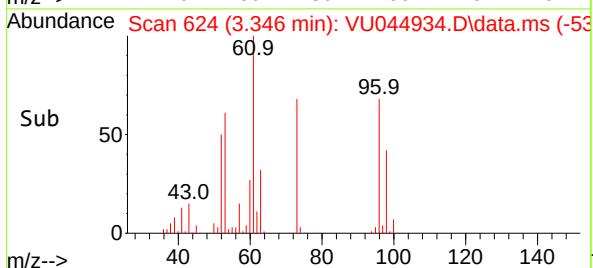
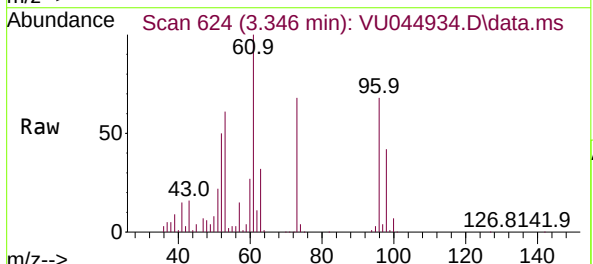
Manual Integrations
APPROVED

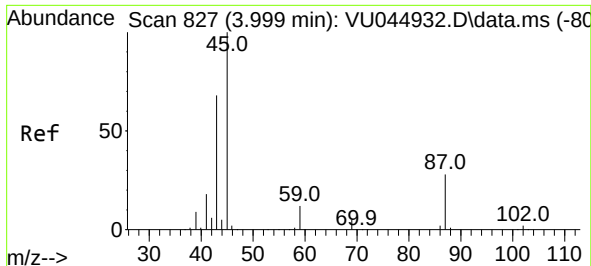
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#21
trans-1,2-Dichloroethene
Concen: 153.011 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

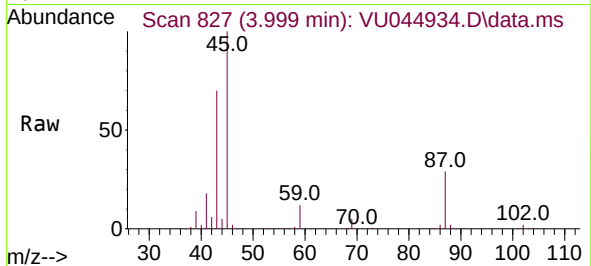
Tgt Ion: 96 Resp: 312372
Ion Ratio Lower Upper
96 100
61 147.0 123.2 184.8
98 62.5 51.0 76.6





#22
Diisopropyl ether
Concen: 148.459 ug/l
RT: 3.999 min Scan# 814
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

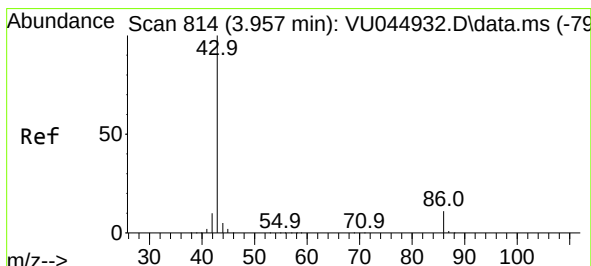
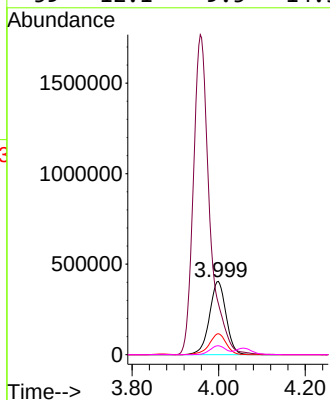
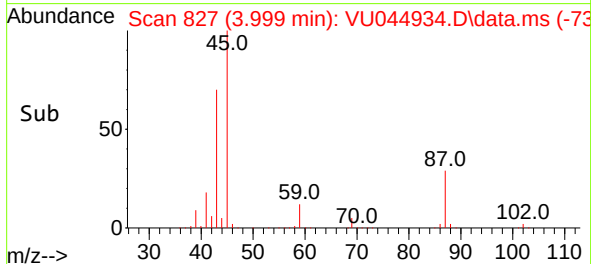
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 45 Resp: 1078500
Ion Ratio Lower Upper
45 100
43 69.5 62.3 93.5
87 28.7 21.0 31.4
59 12.1 9.5 14.3

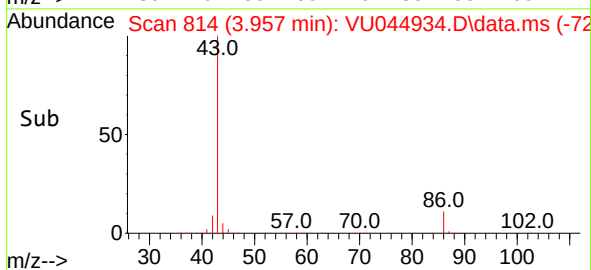
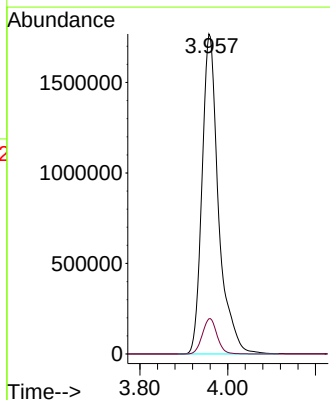
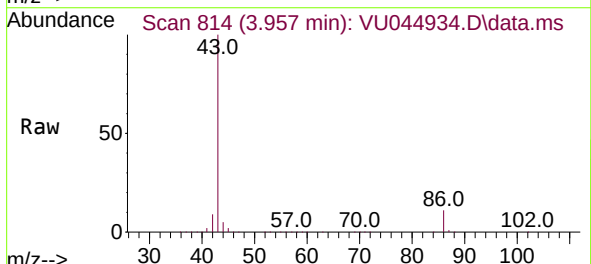
Manual Integrations
APPROVED

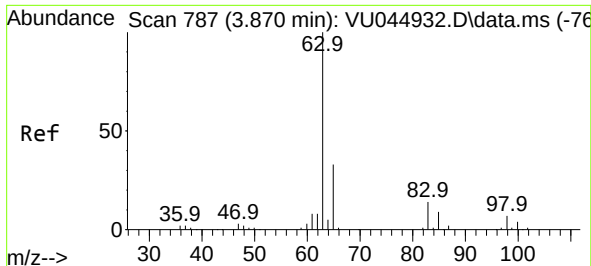
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#23
Vinyl Acetate
Concen: 774.452 ug/l
RT: 3.957 min Scan# 814
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 43 Resp: 4606173
Ion Ratio Lower Upper
43 100
86 11.0 8.2 12.4





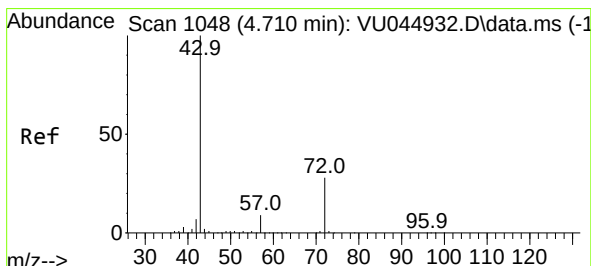
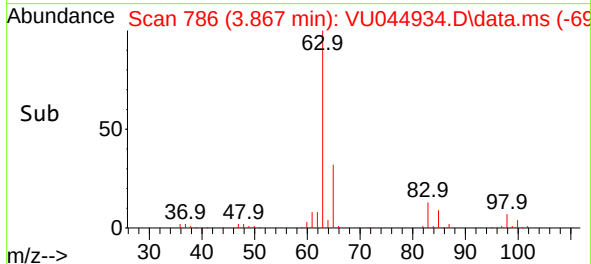
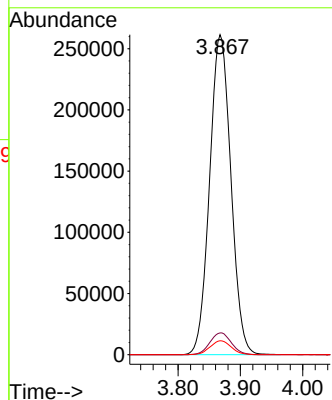
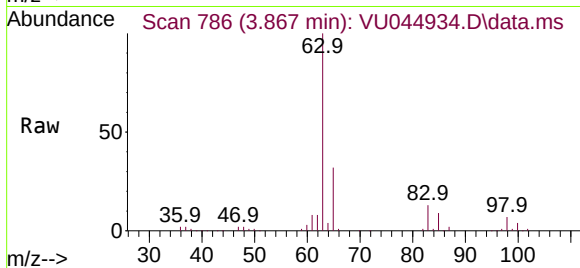
#24
1,1-Dichloroethane
Concen: 147.104 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 619764
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.4
100 4.3 2.1 6.3

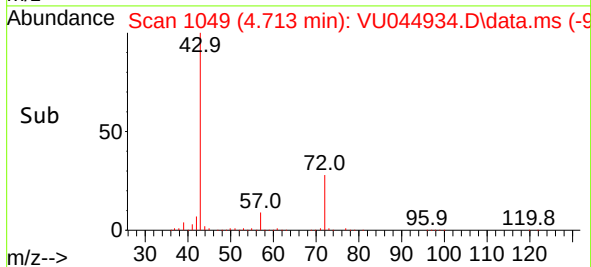
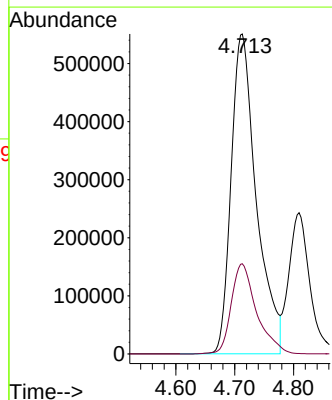
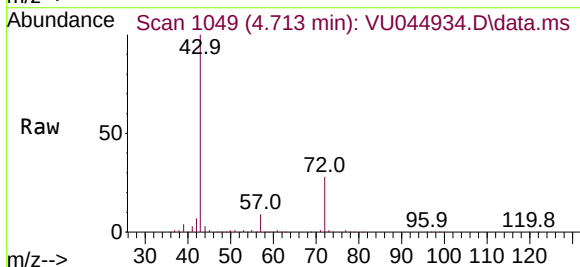
Manual Integrations
APPROVED

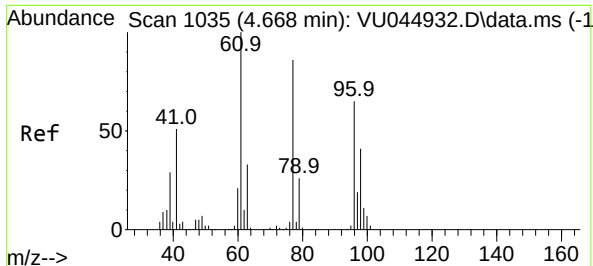
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#25
2-Butanone
Concen: 699.714 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 43 Resp: 1640756
Ion Ratio Lower Upper
43 100
72 28.2 21.3 31.9





#26

2,2-Dichloropropane

Concen: 161.693 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 52396

Ion Ratio Lower Upper

77 100

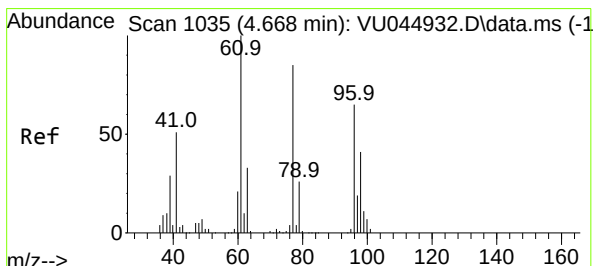
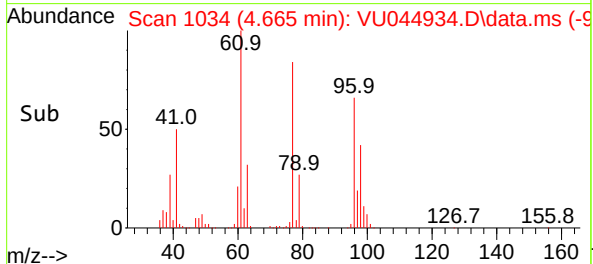
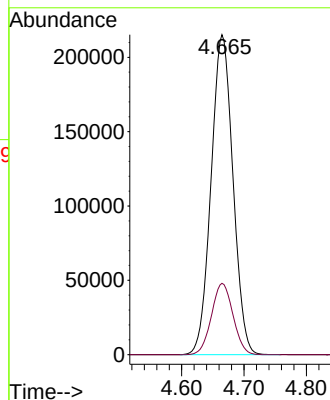
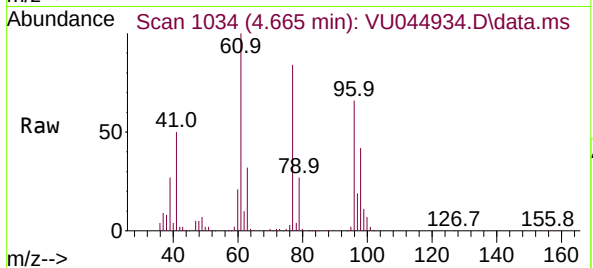
97 22.0 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#27

cis-1,2-Dichloroethene

Concen: 149.860 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

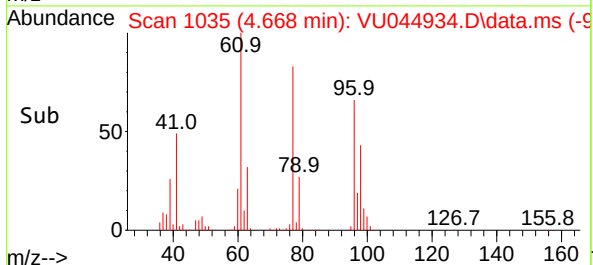
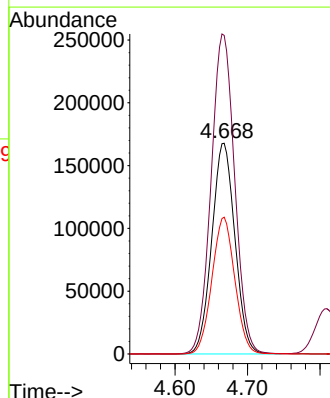
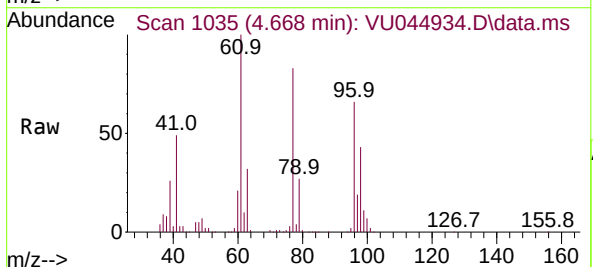
Tgt Ion: 96 Resp: 372016

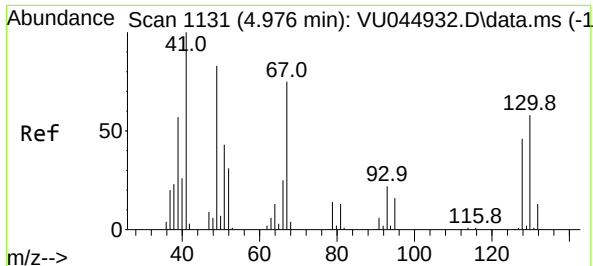
Ion Ratio Lower Upper

96 100

61 154.9 0.0 313.4

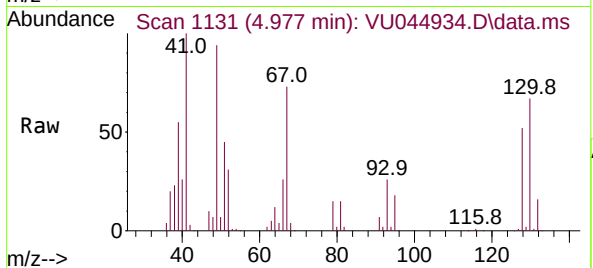
98 64.1 0.0 127.0





#28
Bromochloromethane
Concen: 135.796 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

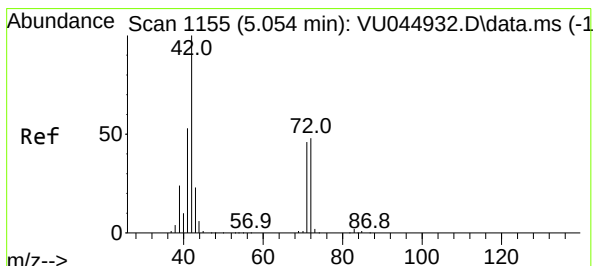
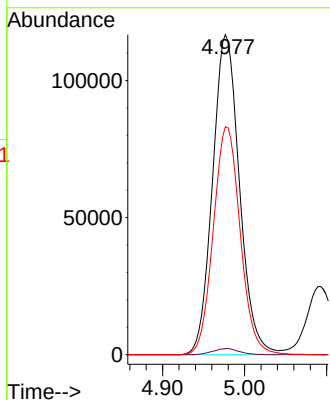
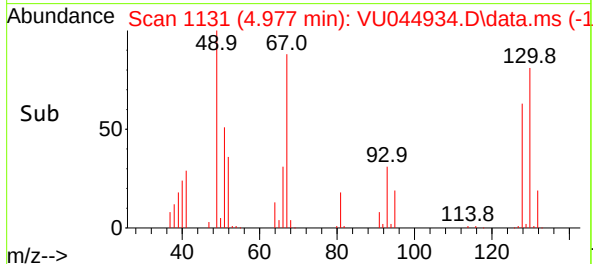
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 49 Resp: 26605
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.2
130 71.2 53.4 80.2

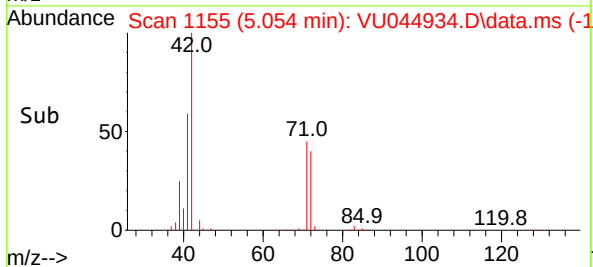
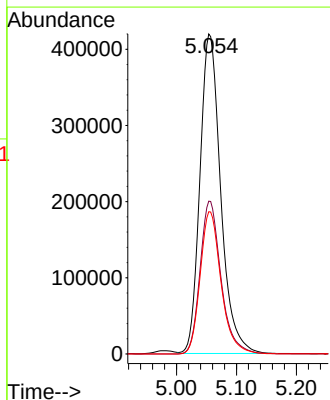
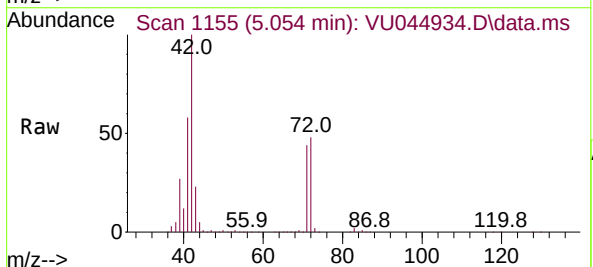
Manual Integrations
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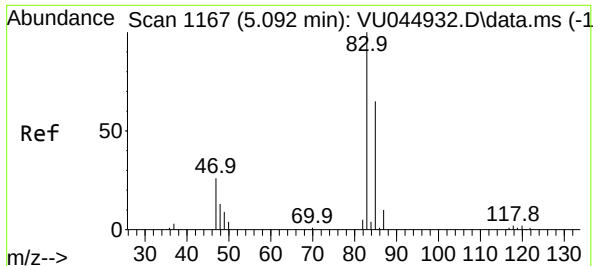
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#29
Tetrahydrofuran
Concen: 694.676 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 42 Resp: 1011833
Ion Ratio Lower Upper
42 100
72 48.1 36.2 54.4
71 44.8 34.1 51.1





#30

Chloroform

Concen: 143.684 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 61275

Ion Ratio Lower Upper

83 100

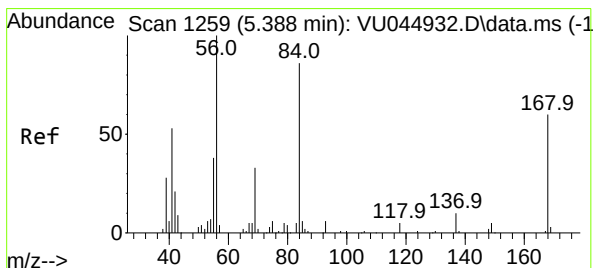
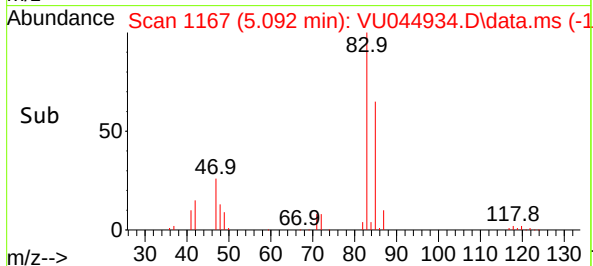
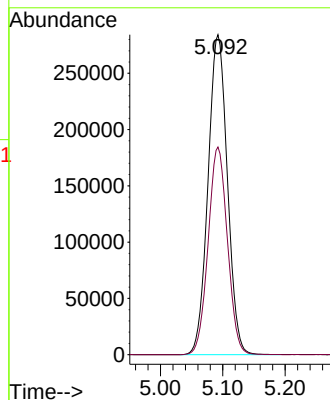
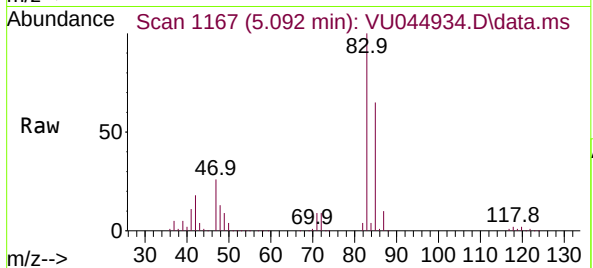
85 64.9 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#31

Cyclohexane

Concen: 141.927 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

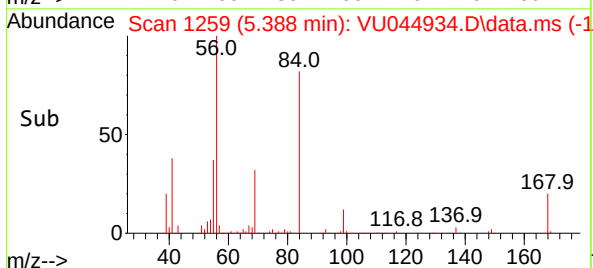
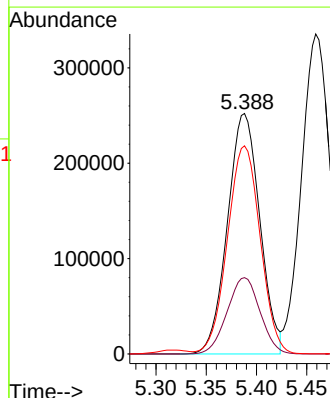
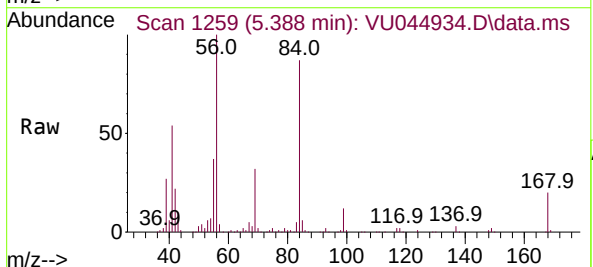
Tgt Ion: 56 Resp: 564830

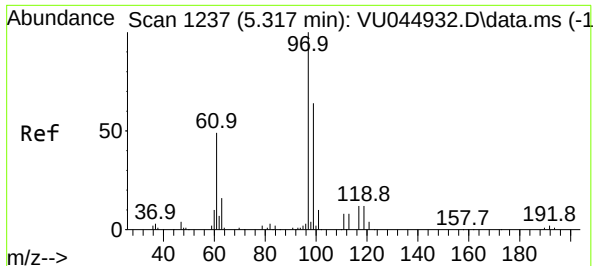
Ion Ratio Lower Upper

56 100

69 31.8 25.2 37.8

84 85.0 66.4 99.6





#32

1,1,1-Trichloroethane

Concen: 152.093 ug/l

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 524584

Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

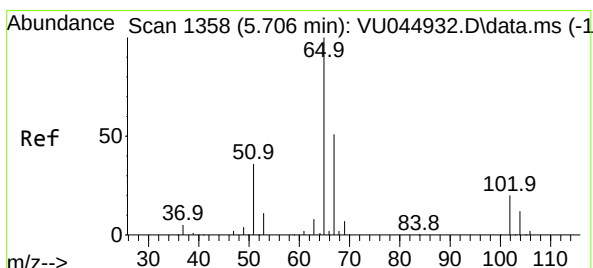
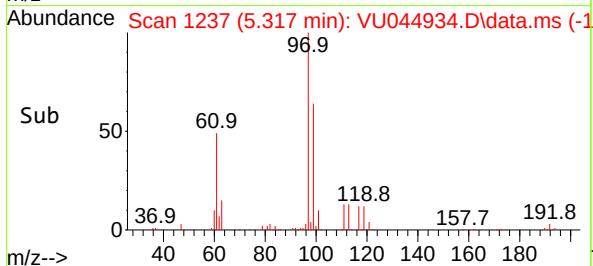
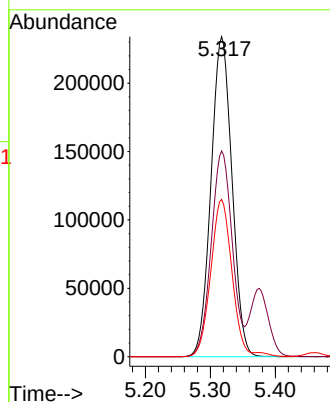
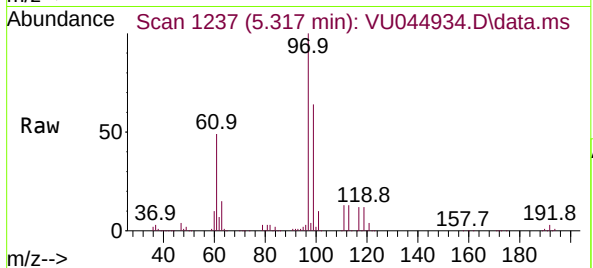
61 49.2 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#33

1,2-Dichloroethane-d4

Concen: 153.590 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.003 min

Lab File: VU044934.D

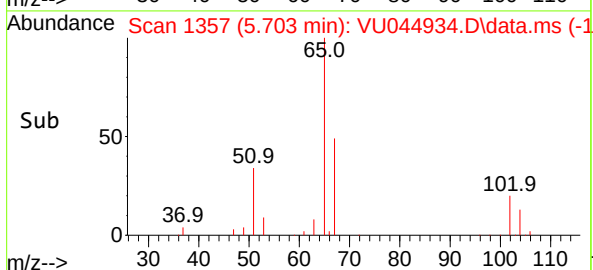
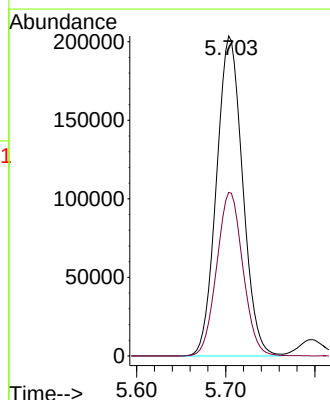
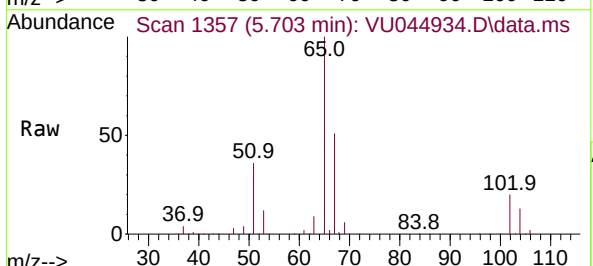
Acq: 28 Sep 2021 12:11

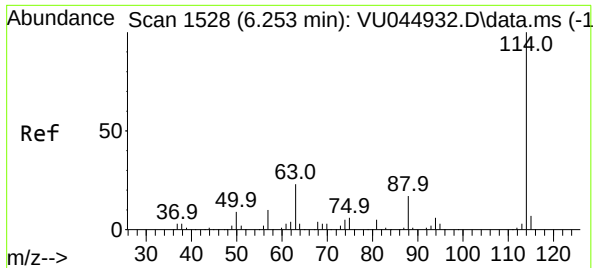
Tgt Ion: 65 Resp: 415268

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 114

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

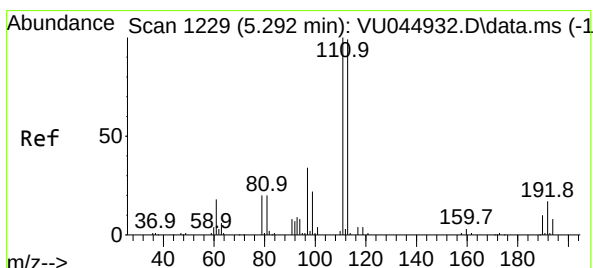
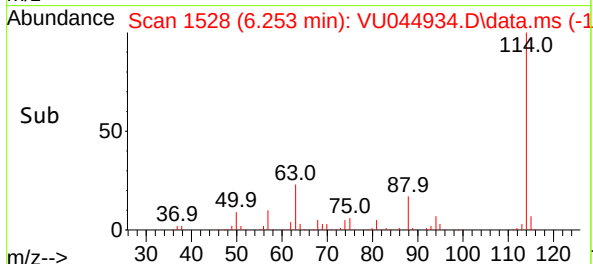
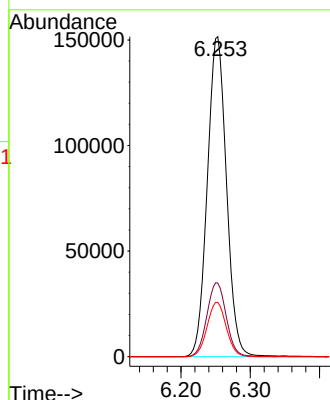
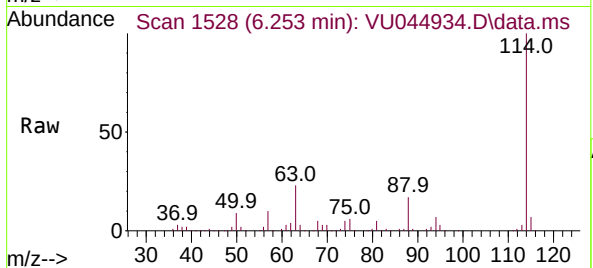
Tgt Ion:	114	Resp:	29061
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	47.8
88	16.9	0.0	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#35

Dibromofluoromethane

Concen: 149.756 ug/l

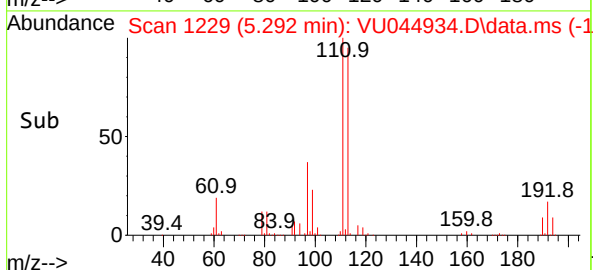
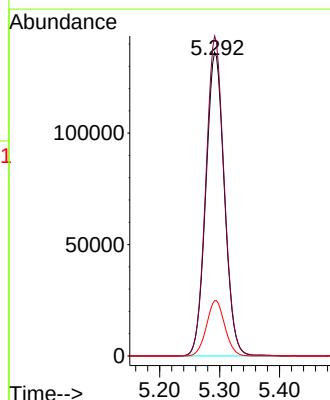
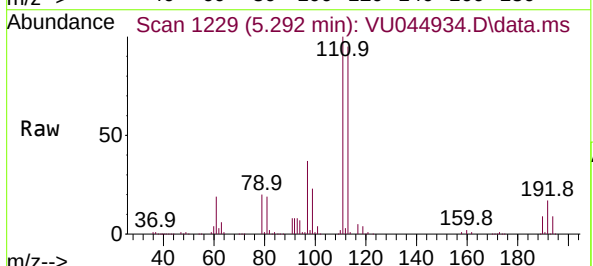
RT: 5.292 min Scan# 1229

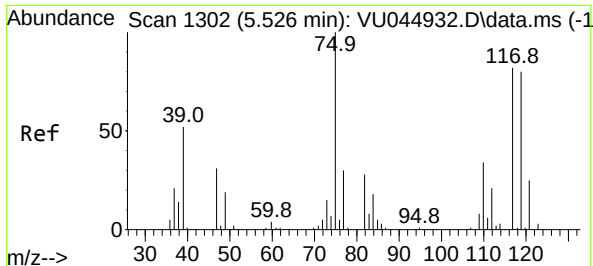
Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Tgt Ion:	113	Resp:	293009
Ion Ratio	Lower	Upper	
113	100		
111	104.2	84.1	126.1
192	18.1	14.8	22.2





#36

1,1-Dichloropropene

Concen: 151.612 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 470100

Ion Ratio Lower Upper

75 100

110 32.8 16.3 48.9

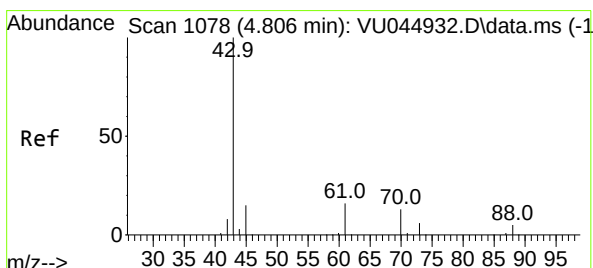
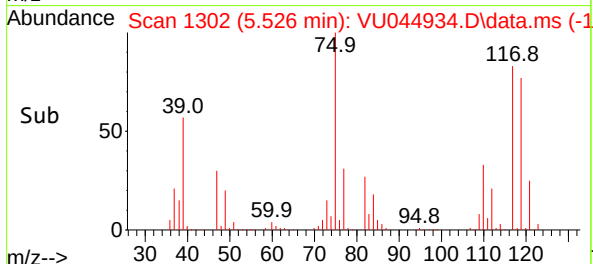
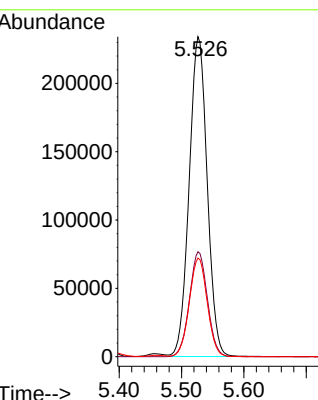
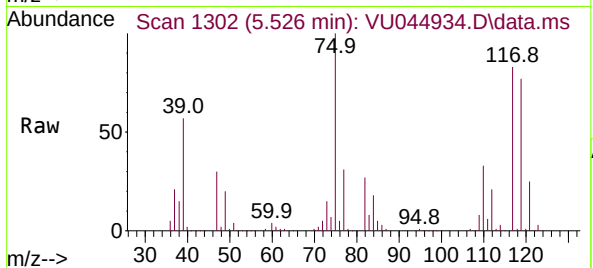
77 30.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#37

Ethyl Acetate

Concen: 136.101 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

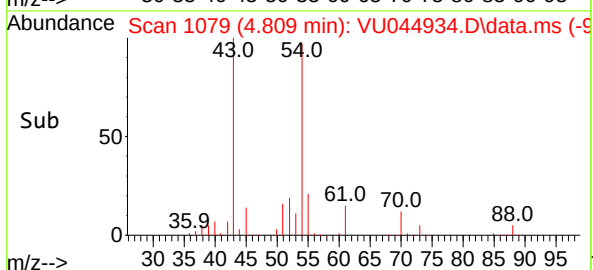
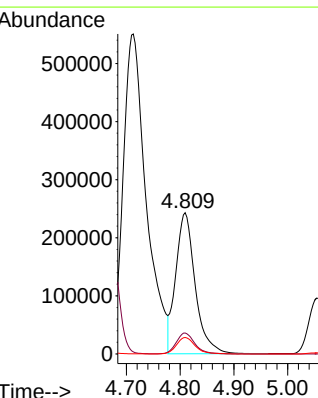
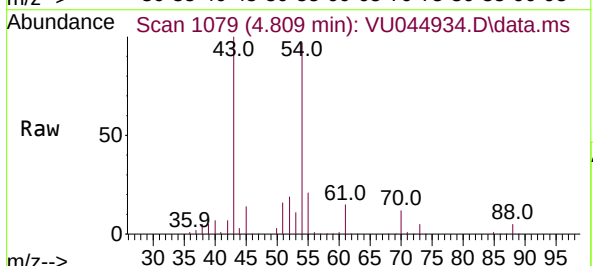
Tgt Ion: 43 Resp: 608618

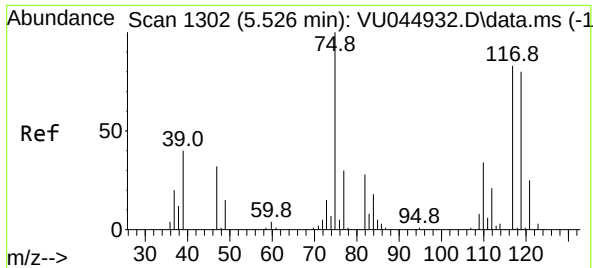
Ion Ratio Lower Upper

43 100

61 14.2 10.9 16.3

70 11.2 8.2 12.4





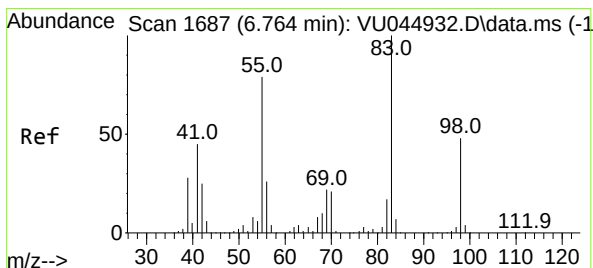
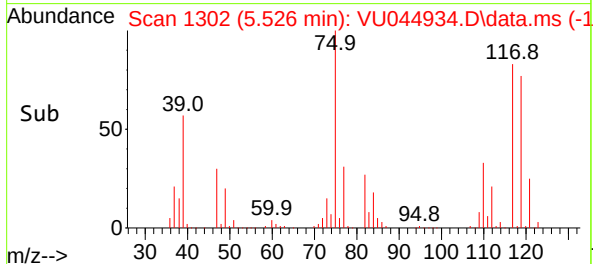
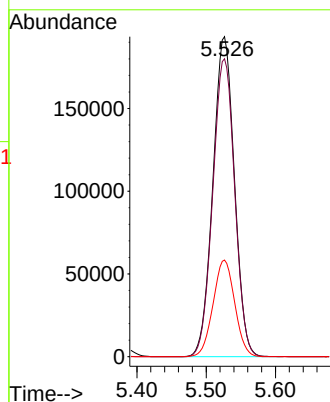
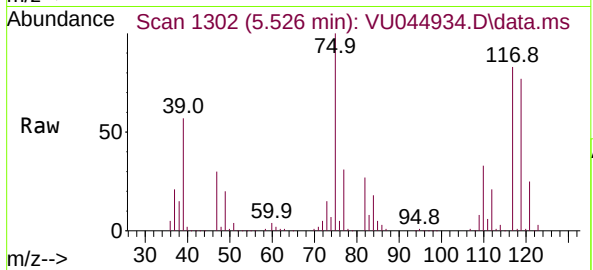
#38
Carbon Tetrachloride
Concen: 151.676 ug/l
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 417794
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.2
121 30.2 24.5 36.7

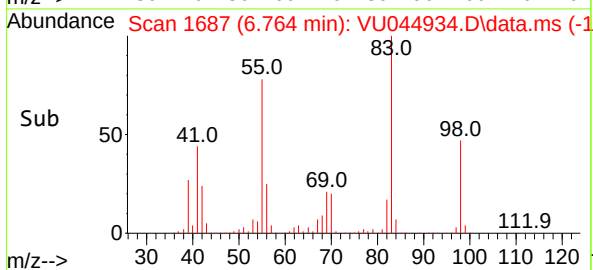
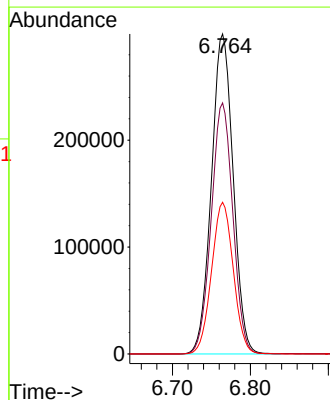
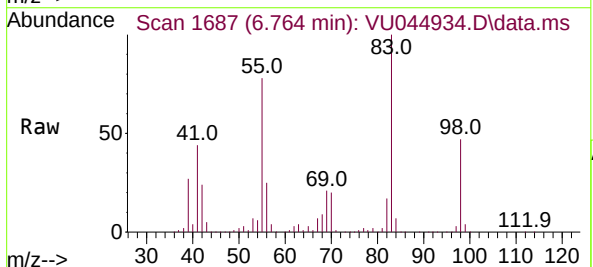
Manual Integrations
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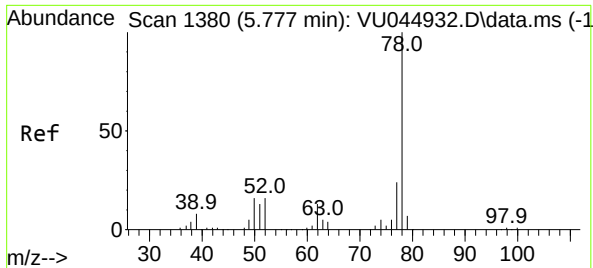
Reviewed By : John Carlone 09/29/2021
Supervised By : Mahesh Dadoda 09/30/2021



#39
Methylcyclohexane
Concen: 164.327 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 83 Resp: 582460
Ion Ratio Lower Upper
83 100
55 78.5 66.2 99.4
98 47.4 37.5 56.3





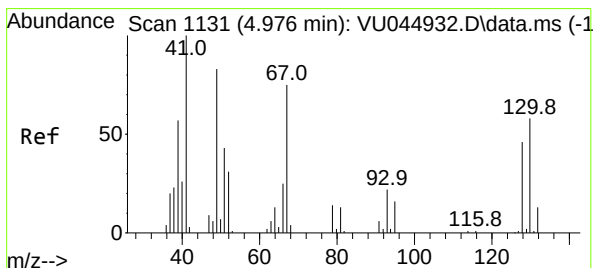
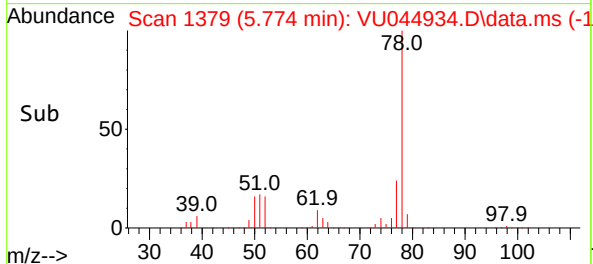
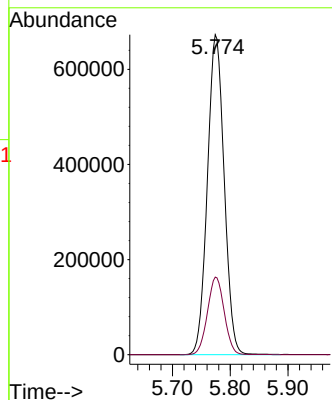
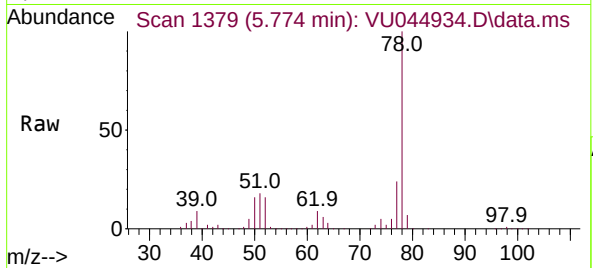
#40
Benzene
Concen: 143.934 ug/l
RT: 5.774 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 78 Resp: 135655
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

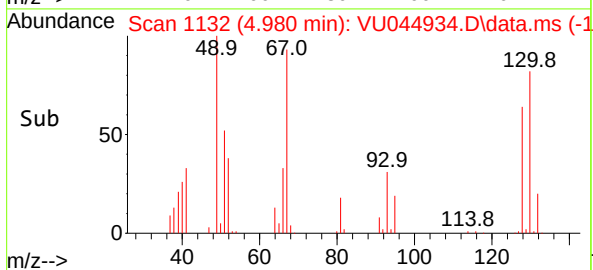
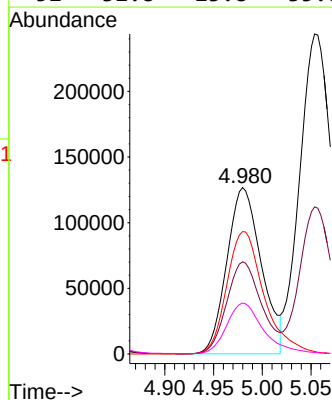
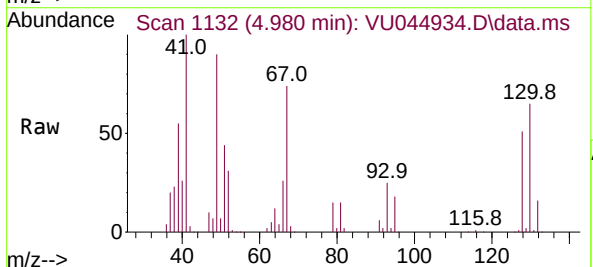
Manual Integrations
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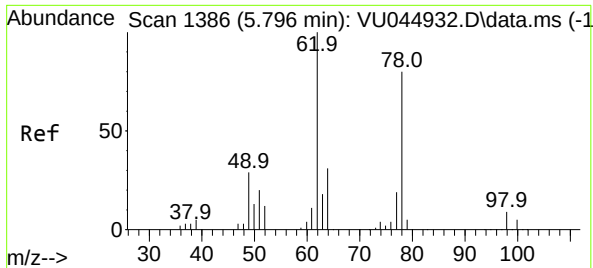
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#41
Methacrylonitrile
Concen: 139.321 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 41 Resp: 311810
Ion Ratio Lower Upper
41 100
39 55.9 44.4 66.6
67 79.6 58.1 87.1
52 32.8 23.8 35.8





#42

1,2-Dichloroethane

Concen: 142.489 ug/l

RT: 5.796 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 62 Resp: 529449

Ion Ratio Lower Upper

62 100

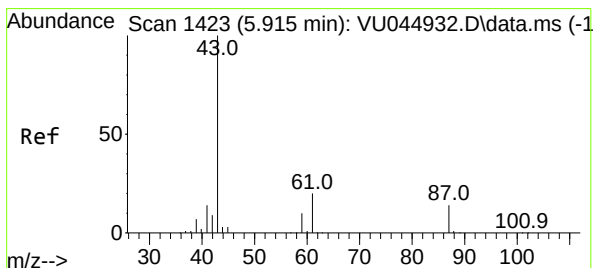
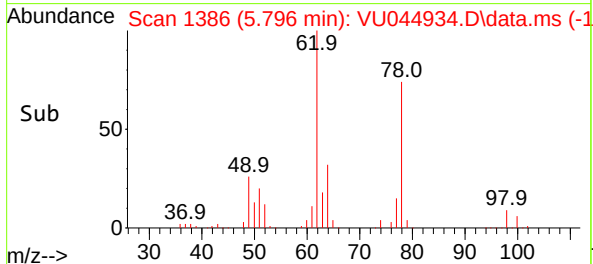
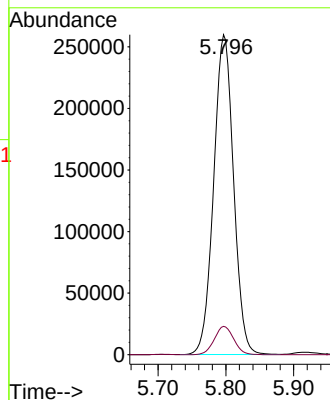
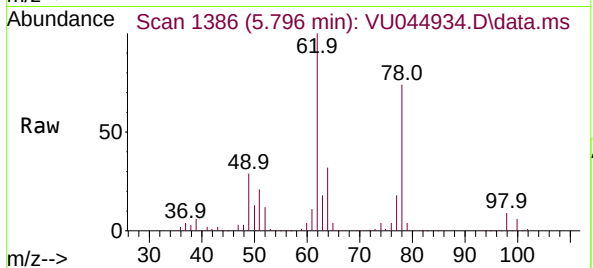
98 8.7 0.0 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#43

Isopropyl Acetate

Concen: 149.582 ug/l

RT: 5.919 min Scan# 1424

Delta R.T. 0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

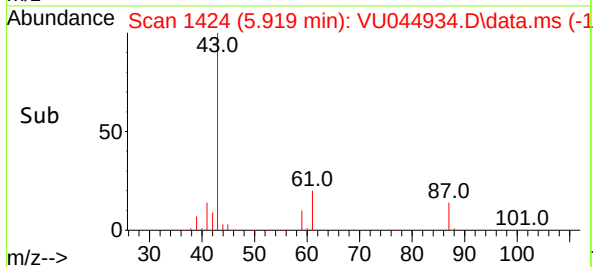
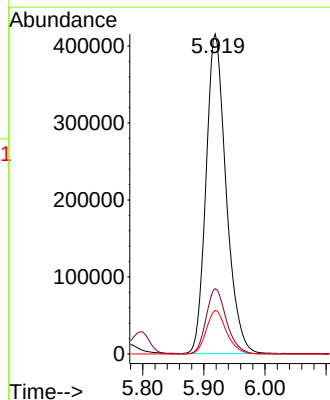
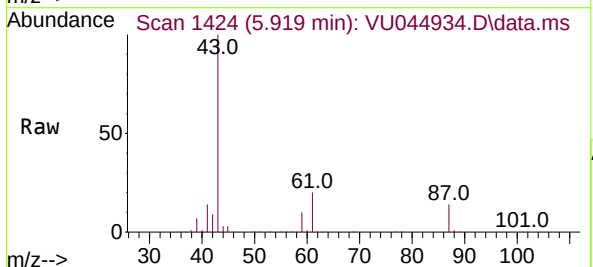
Tgt Ion: 43 Resp: 947651

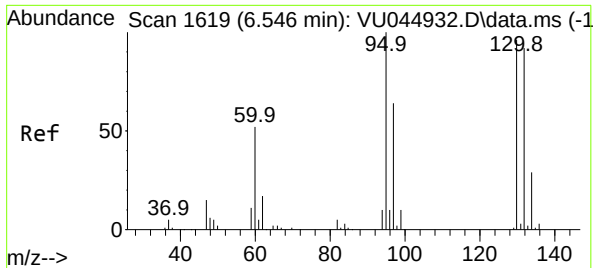
Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

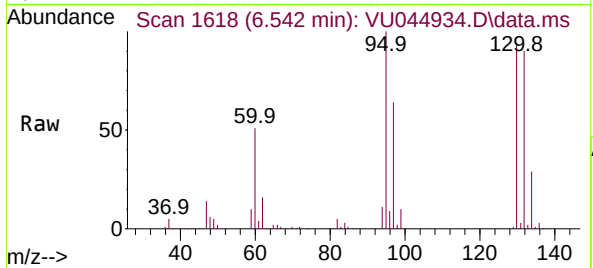
87 13.7 10.3 15.5





#44
Trichloroethene
Concen: 142.122 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

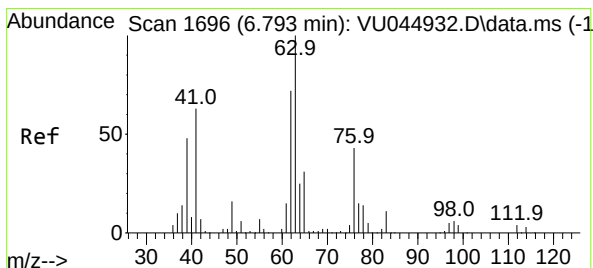
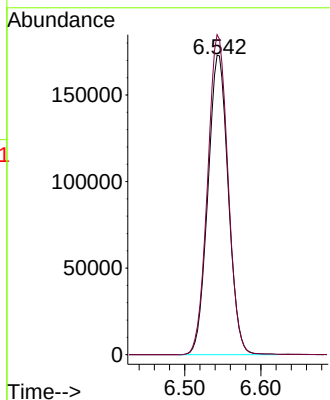
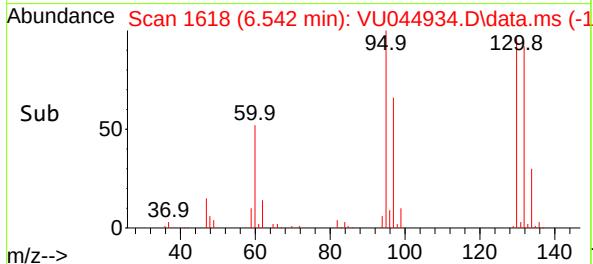
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



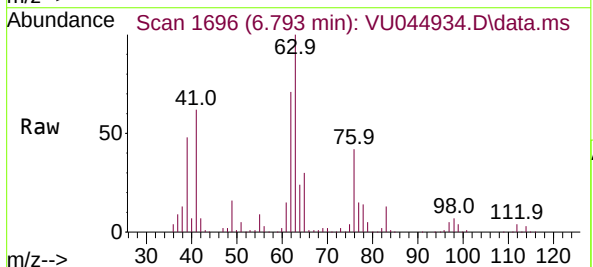
Tgt Ion:130 Resp: 322418
Ion Ratio Lower Upper
130 100
95 106.8 0.0 209.0

Manual Integrations
APPROVED

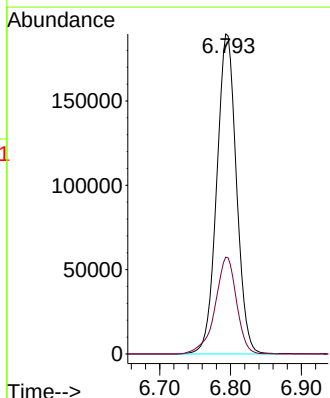
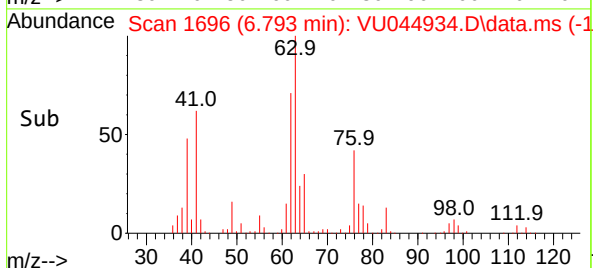
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

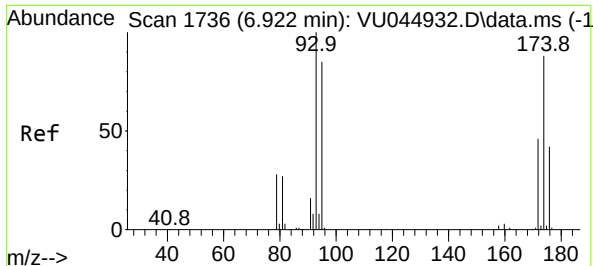


#45
1,2-Dichloropropane
Concen: 145.100 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



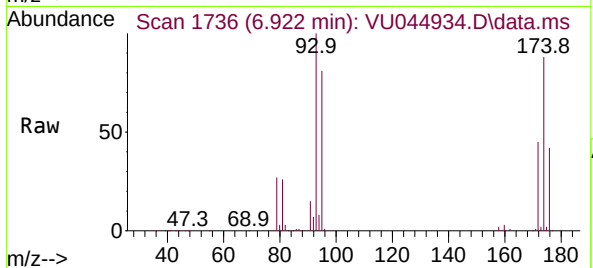
Tgt Ion: 63 Resp: 366346
Ion Ratio Lower Upper
63 100
65 30.3 23.9 35.9





#46
Dibromomethane
Concen: 148.229 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

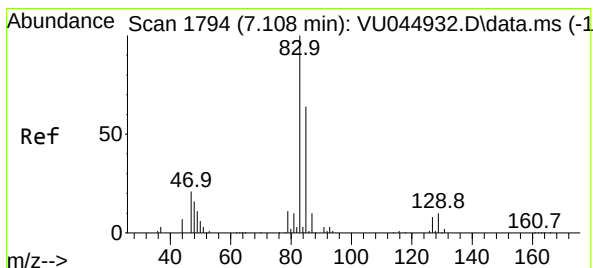
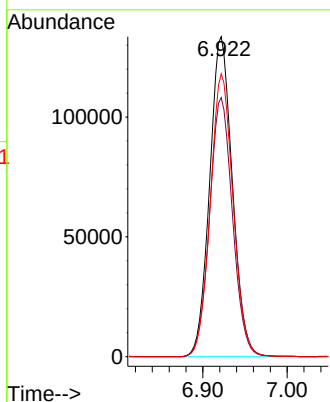
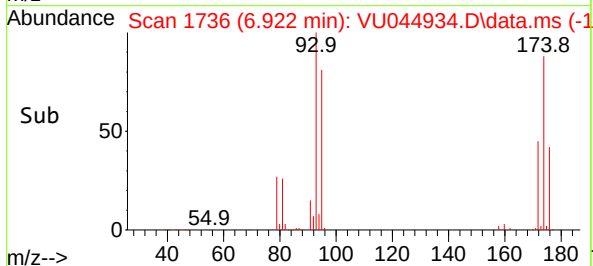
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



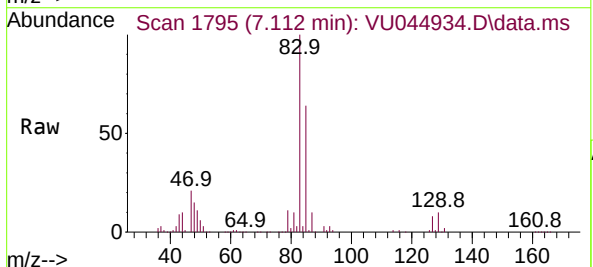
Tgt Ion: 93 Resp: 250264
Ion Ratio Lower Upper
93 100
95 81.8 65.6 98.4
174 88.7 70.7 106.1

Manual Integrations
APPROVED

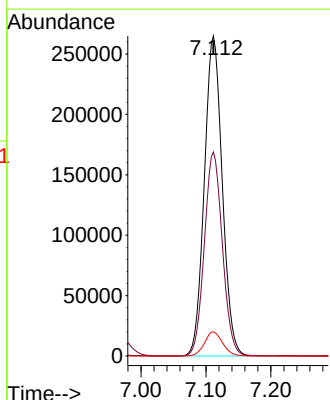
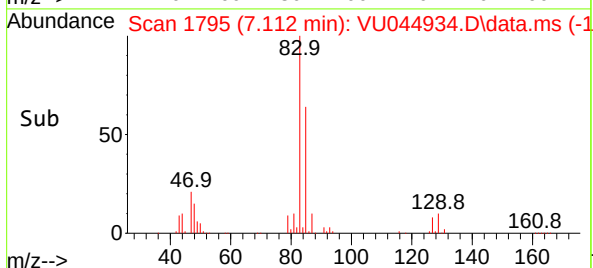
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

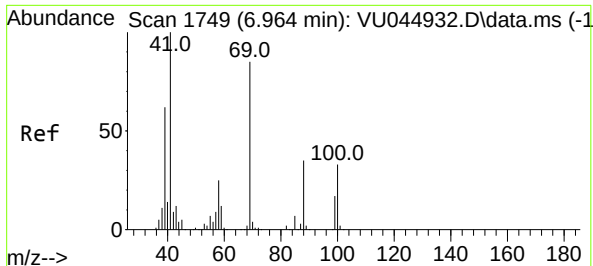


#47
Bromodichloromethane
Concen: 153.111 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



Tgt Ion: 83 Resp: 508965
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4
127 7.6 6.2 9.4





#48

Methyl methacrylate

Concen: 158.643 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 474334

Ion Ratio Lower Upper

41 100

69 85.4 65.6 98.4

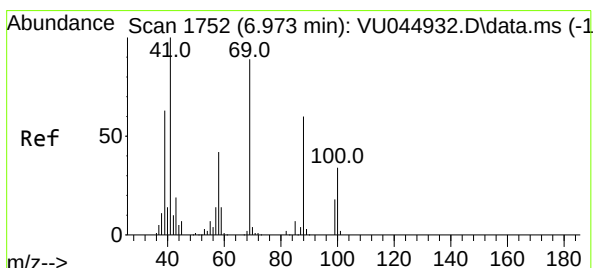
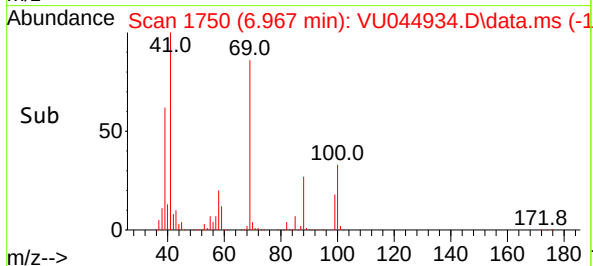
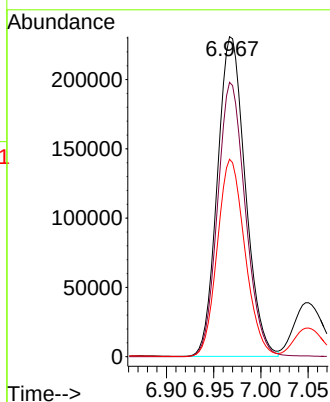
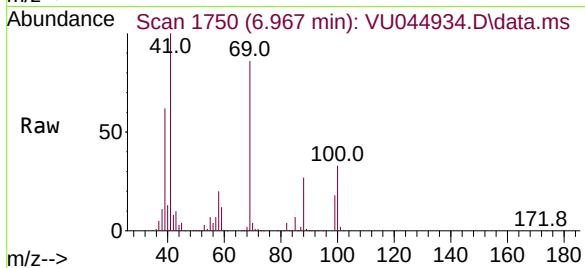
39 61.1 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#49

1,4-Dioxane

Concen: 2759.611 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.007 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

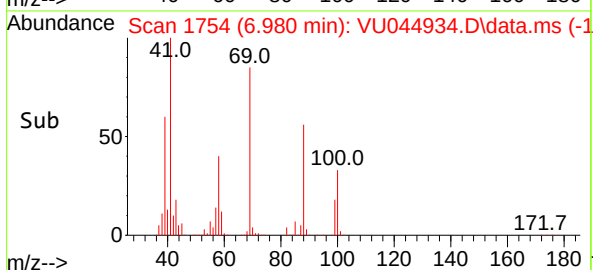
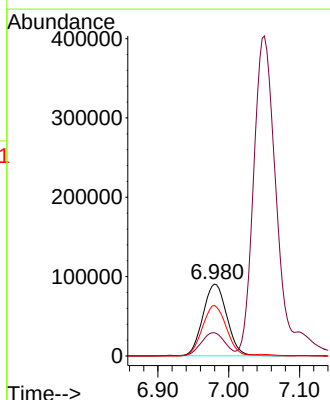
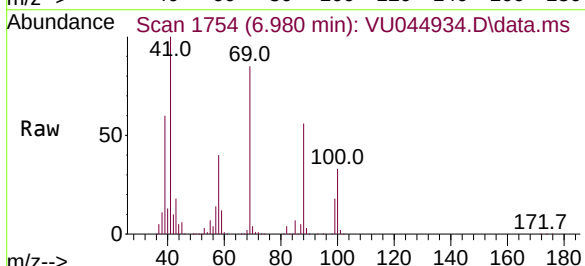
Tgt Ion: 88 Resp: 210462

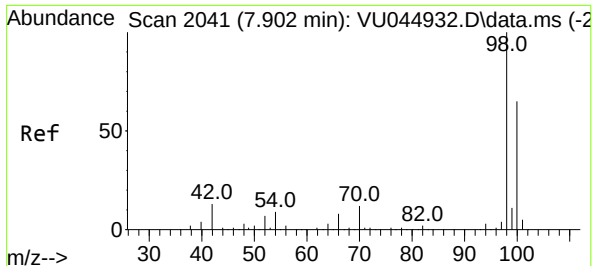
Ion Ratio Lower Upper

88 100

43 32.3 25.8 38.6

58 70.8 61.3 91.9





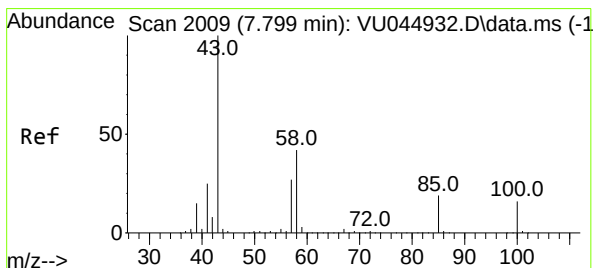
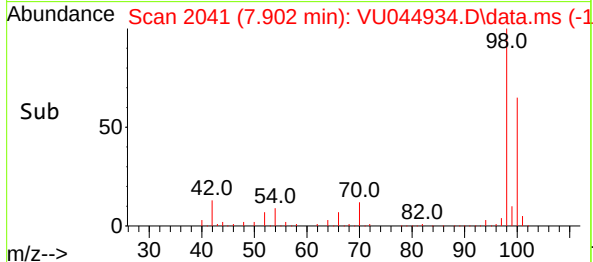
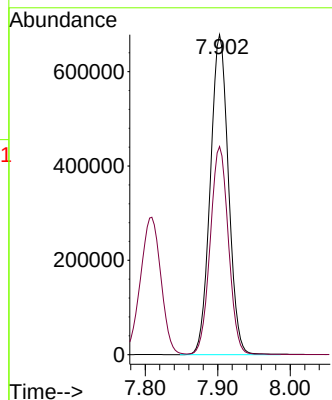
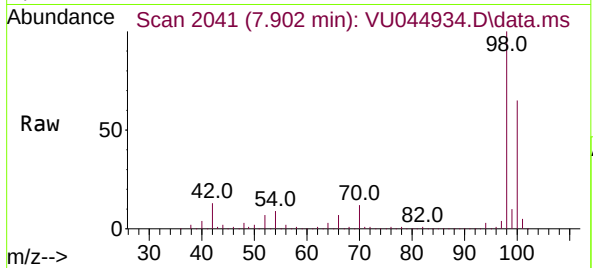
#50
Toluene-d8
Concen: 158.293 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 1177086
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

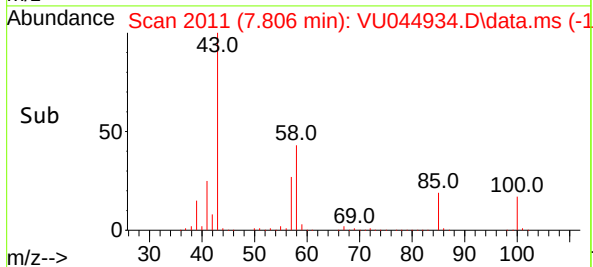
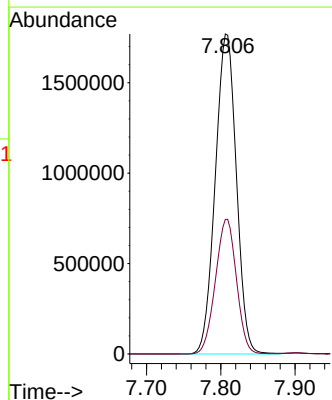
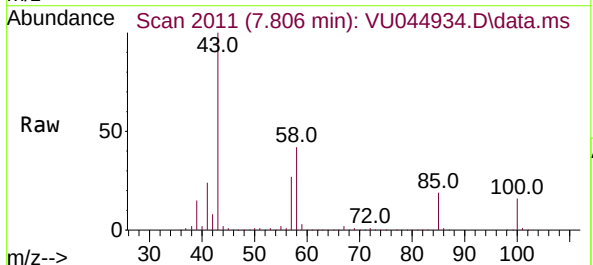
Manual Integrations
APPROVED

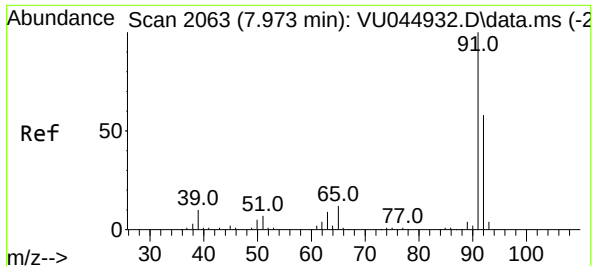
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#51
4-Methyl-2-Pentanone
Concen: 770.795 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.007 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

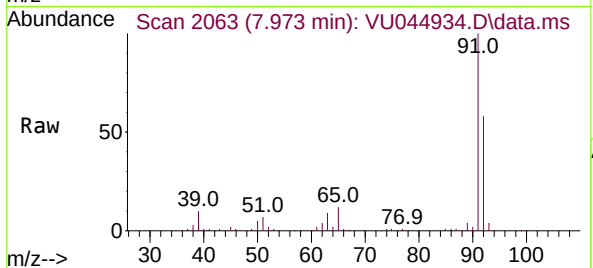
Tgt Ion: 43 Resp: 3494385
Ion Ratio Lower Upper
43 100
58 42.0 32.4 48.6





#52
Toluene
Concen: 153.684 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

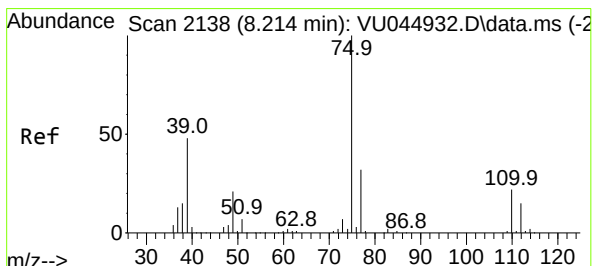
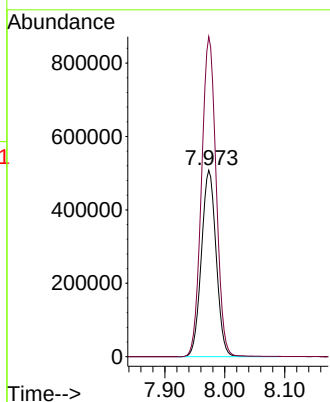
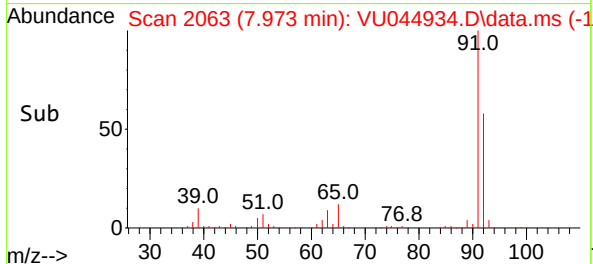
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



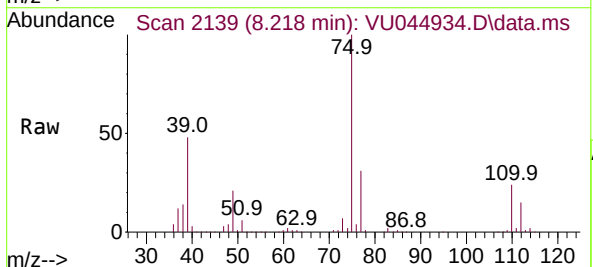
Tgt Ion: 92 Resp: 870463
Ion Ratio Lower Upper
92 100
91 170.8 136.9 205.3

Manual Integrations
APPROVED

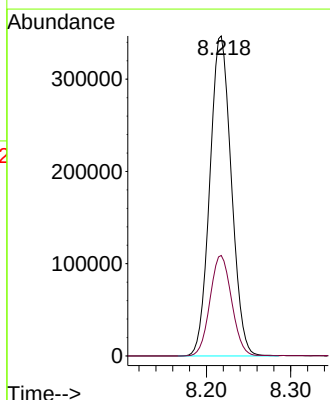
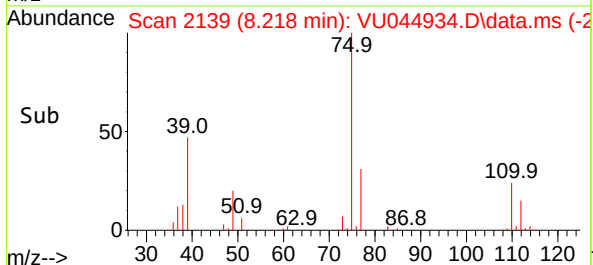
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

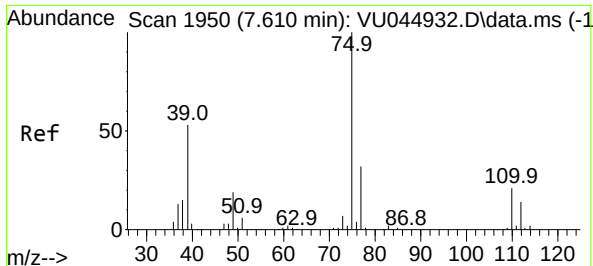


#53
t-1,3-Dichloropropene
Concen: 174.882 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



Tgt Ion: 75 Resp: 614762
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4





#54

cis-1,3-Dichloropropene

Concen: 164.659 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 62164

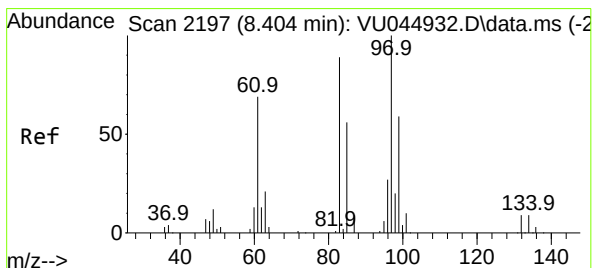
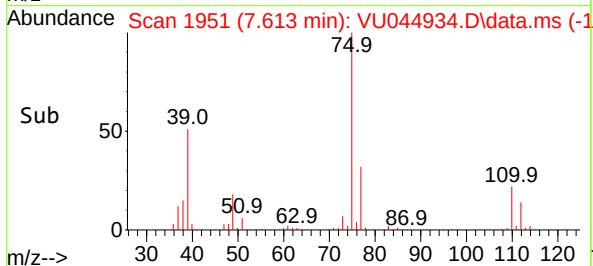
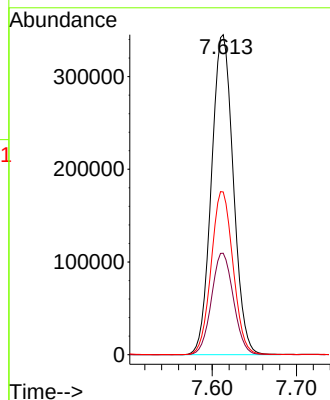
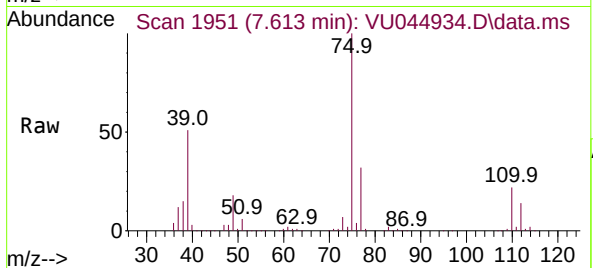
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6
39	50.8	41.4	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#55

1,1,2-Trichloroethane

Concen: 155.864 ug/l

RT: 8.410 min Scan# 2199

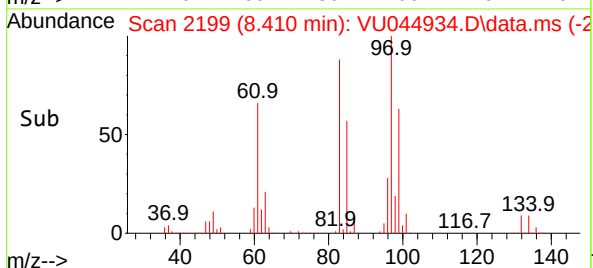
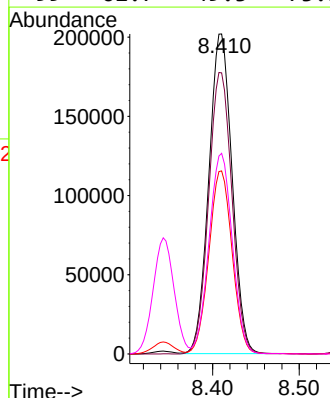
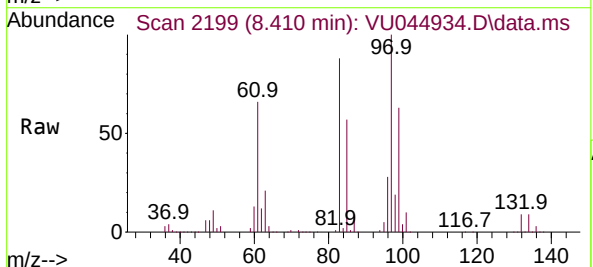
Delta R.T. 0.007 min

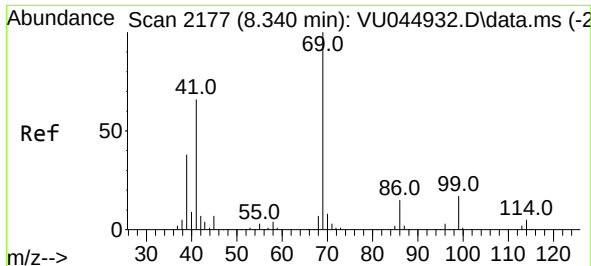
Lab File: VU044934.D

Acq: 28 Sep 2021 12:11

Tgt Ion: 97 Resp: 376637

Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.7	104.5
85	57.2	44.8	67.2
99	62.7	49.3	73.9





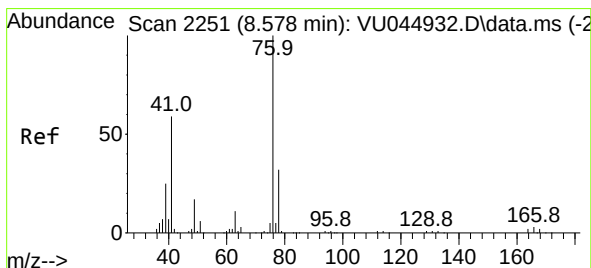
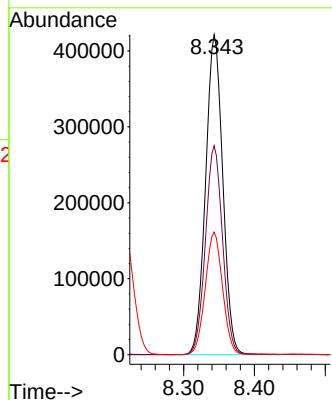
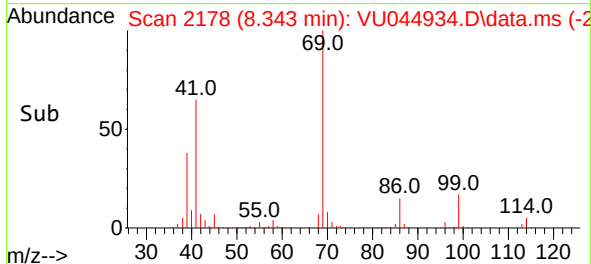
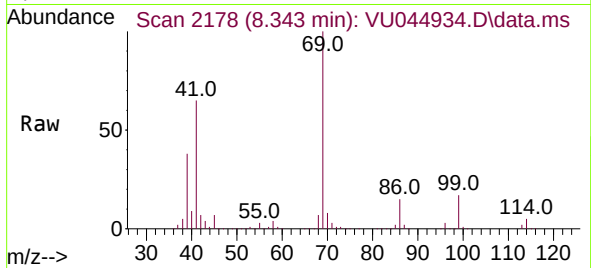
#56
Ethyl methacrylate
Concen: 182.646 ug/l
RT: 8.343 min Scan# 2177
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 708597
Ion Ratio Lower Upper
69 100
41 65.2 53.5 80.3
39 38.4 31.1 46.7

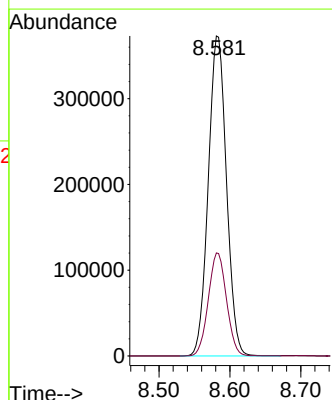
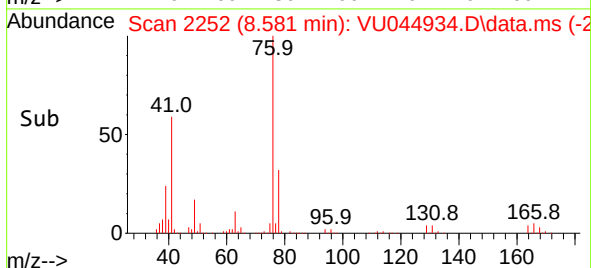
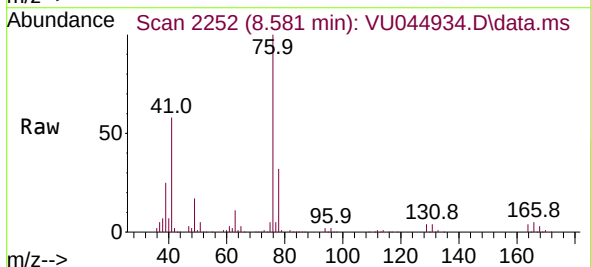
Manual Integrations
APPROVED

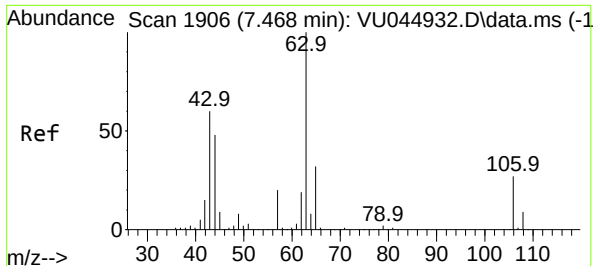
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#57
1,3-Dichloropropane
Concen: 154.468 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 76 Resp: 664277
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5





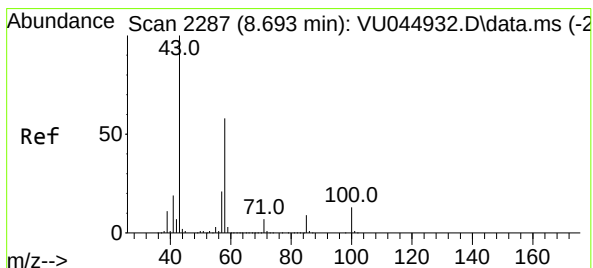
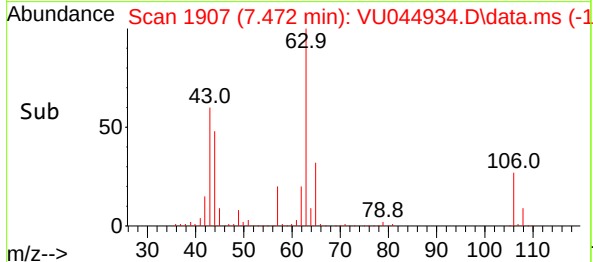
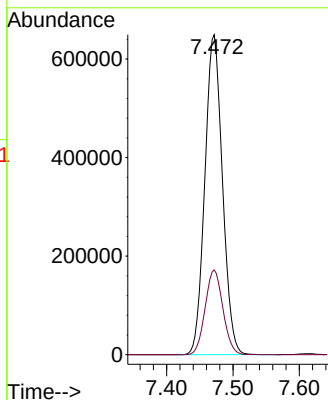
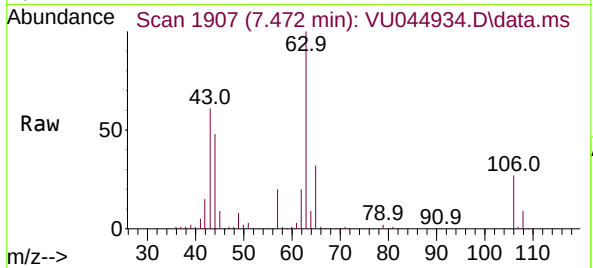
#58
2-Chloroethyl Vinyl ether
Concen: 1299.403 ug/l
RT: 7.472 min Scan# 1906
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 1199208
Ion Ratio Lower Upper
63 100
106 26.7 20.5 30.7

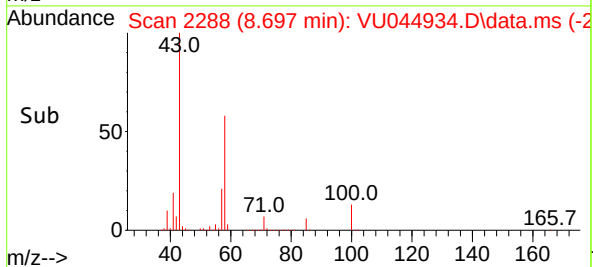
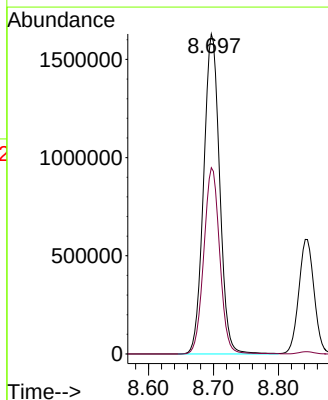
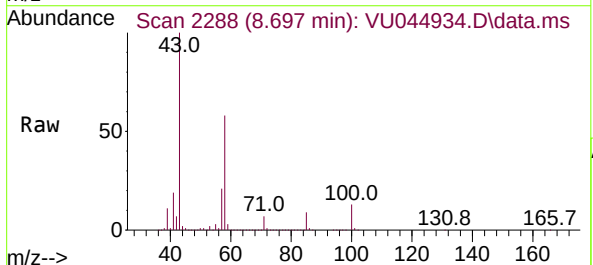
Manual Integrations
APPROVED

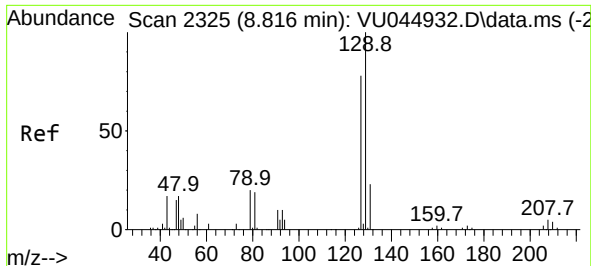
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#59
2-Hexanone
Concen: 763.321 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

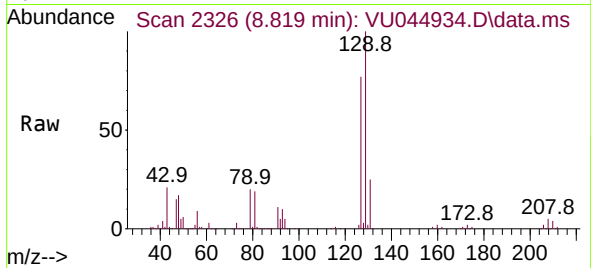
Tgt Ion: 43 Resp: 2798462
Ion Ratio Lower Upper
43 100
58 57.8 28.0 84.0





#60
Dibromochloromethane
Concen: 168.845 ug/l
RT: 8.819 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

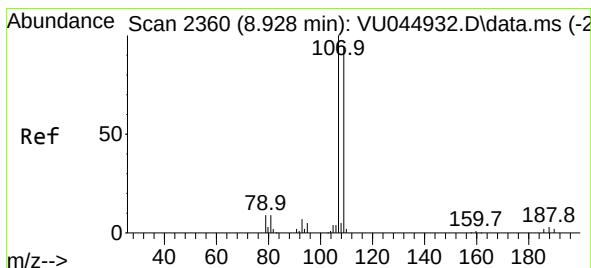
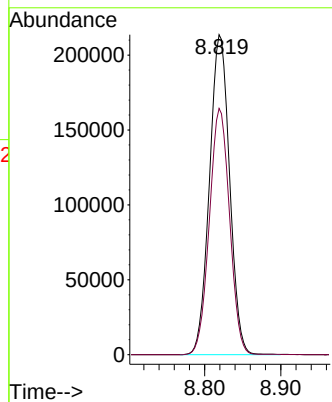
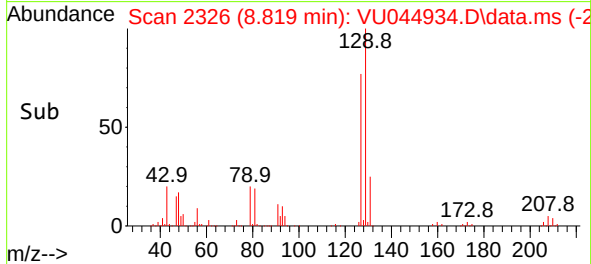
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 392000
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

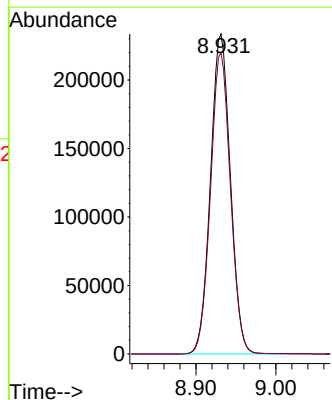
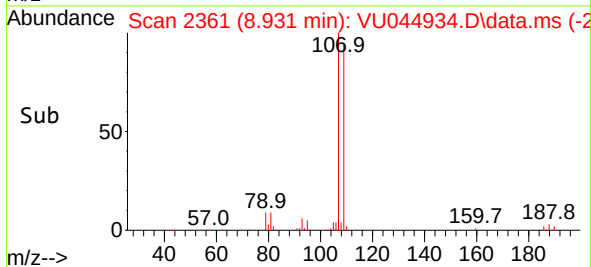
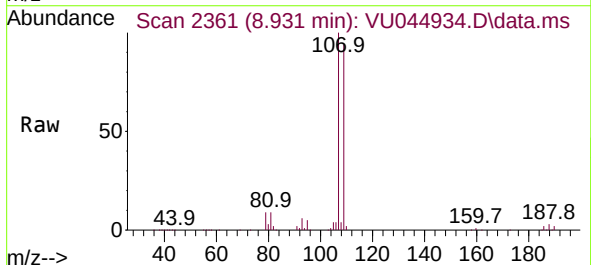
Manual Integrations
APPROVED

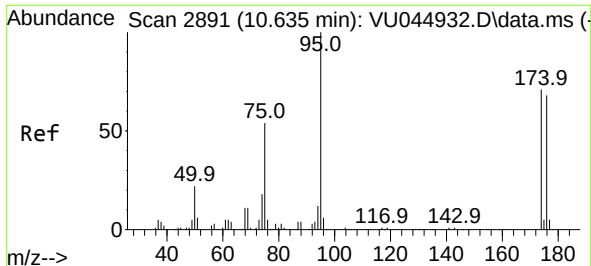
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#61
1,2-Dibromoethane
Concen: 158.524 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

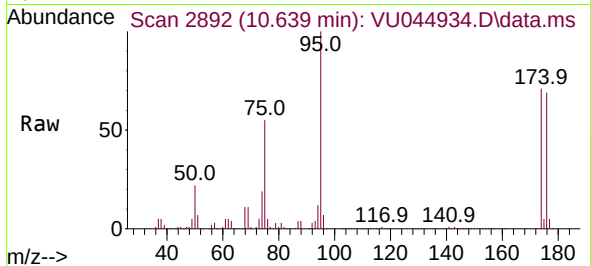
Tgt Ion:107 Resp: 404114
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2





#62
4-Bromofluorobenzene
Concen: 180.326 ug/l
RT: 10.639 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

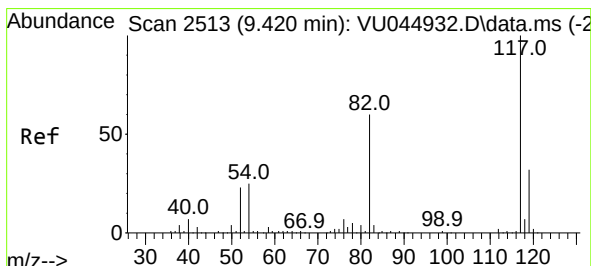
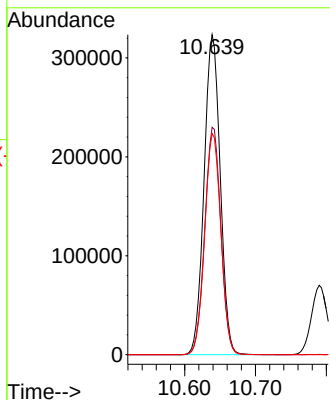
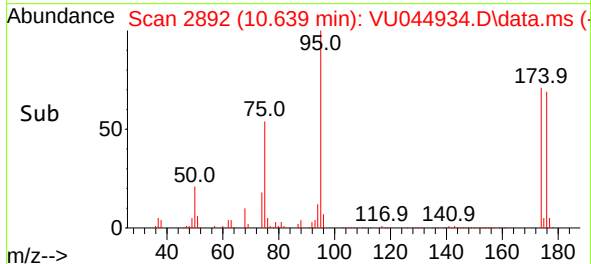
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 95 Resp: 511435
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 69.1 0.0 141.2

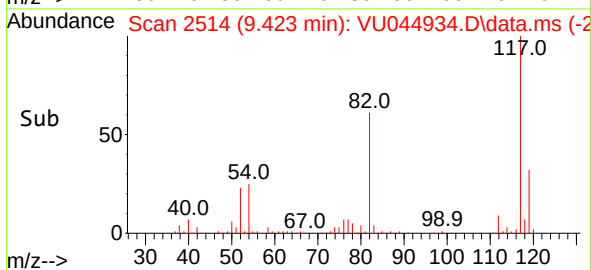
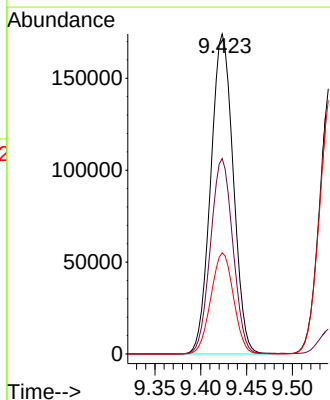
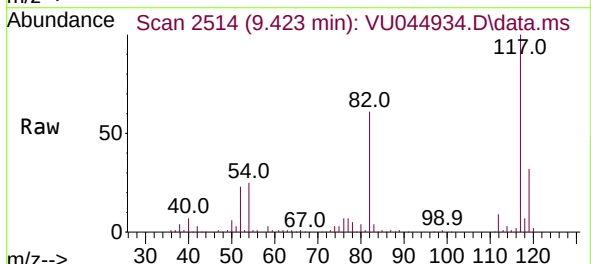
Manual Integrations
APPROVED

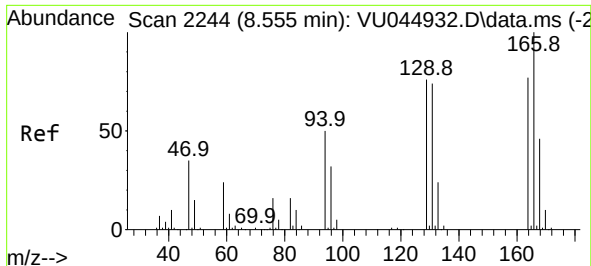
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

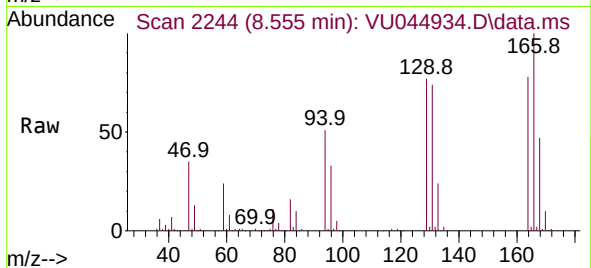
Tgt Ion:117 Resp: 297103
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 31.6 25.8 38.6





#64
Tetrachloroethene
Concen: 137.190 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

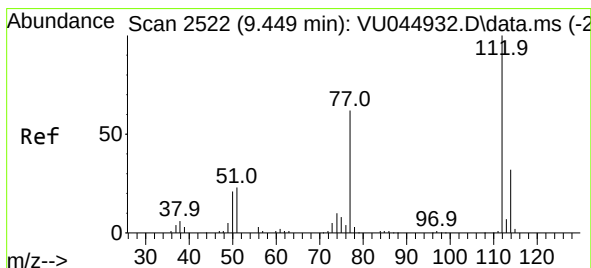
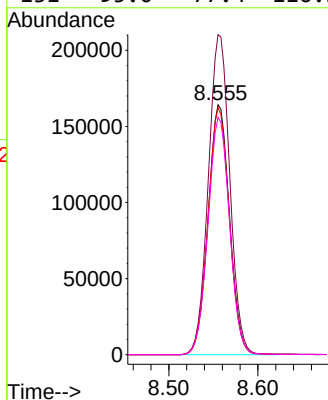
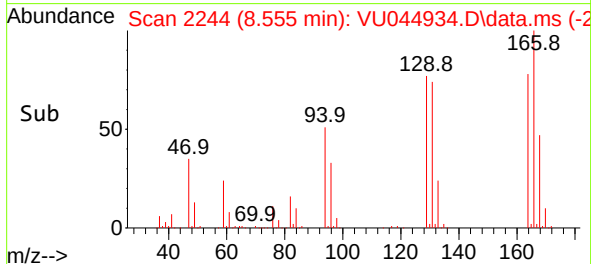
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 27484
Ion Ratio Lower Upper
164 100
166 128.1 102.8 154.2
129 98.8 79.4 119.2
131 95.0 77.4 116.2

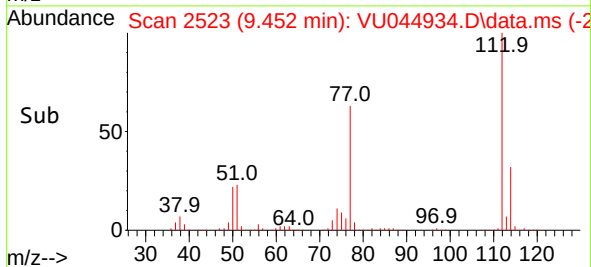
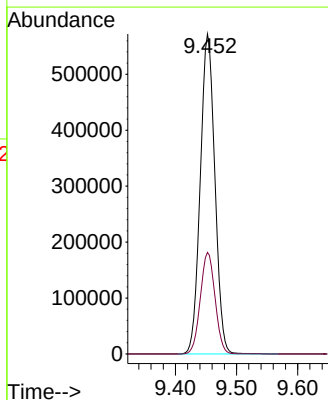
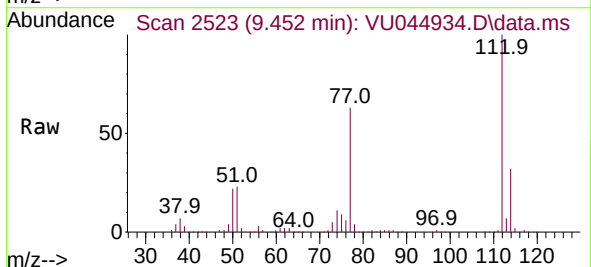
Manual Integrations
APPROVED

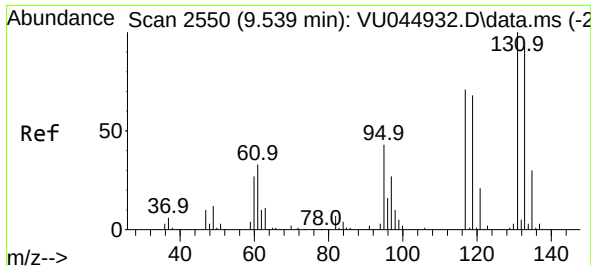
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#65
Chlorobenzene
Concen: 152.459 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion:112 Resp: 948257
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9





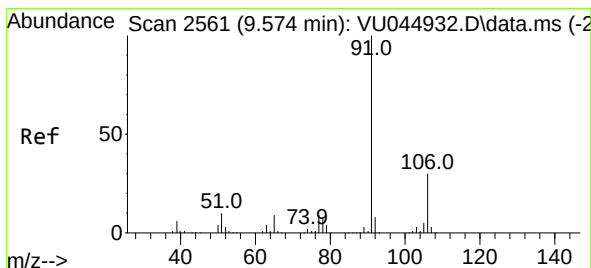
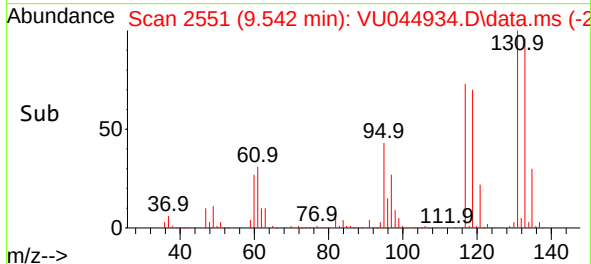
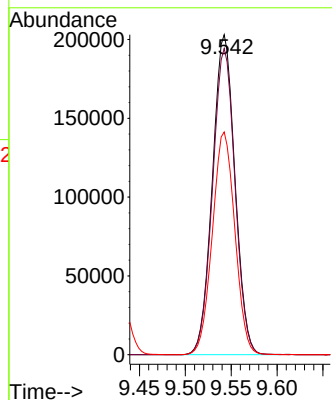
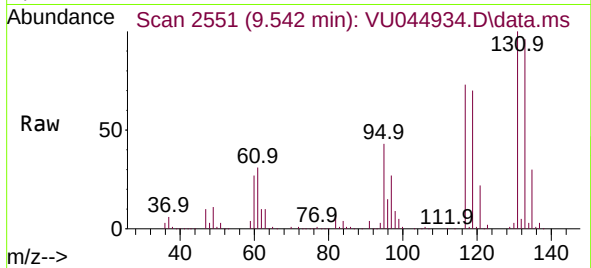
#66
1,1,1,2-Tetrachloroethane
Concen: 156.347 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 346612
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 69.6 34.1 102.3

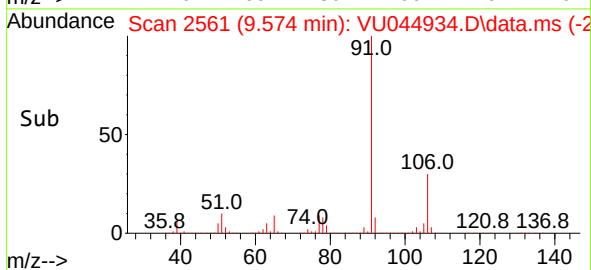
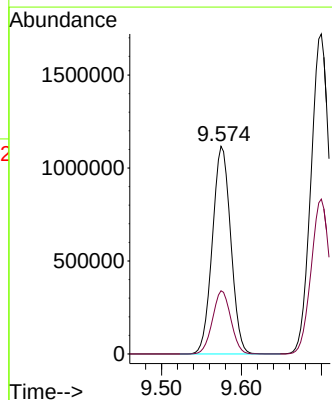
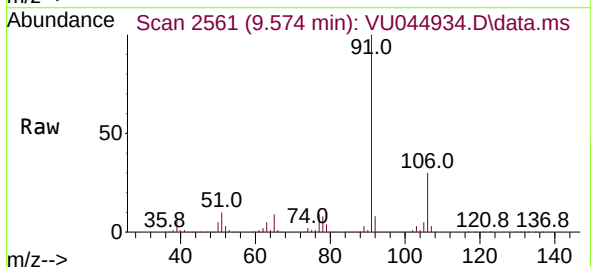
Manual Integrations
APPROVED

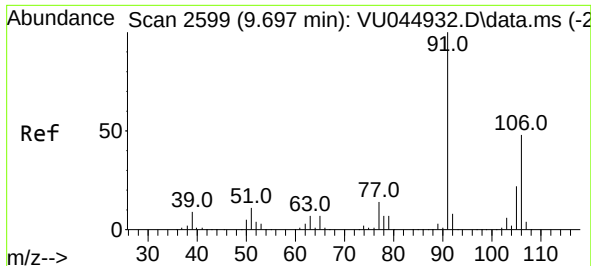
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#67
Ethyl Benzene
Concen: 159.750 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 91 Resp: 1778424
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5





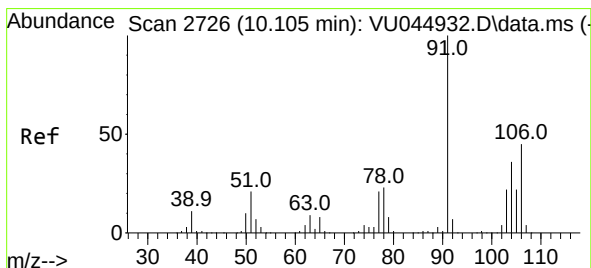
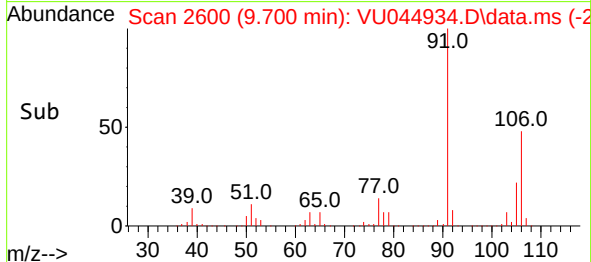
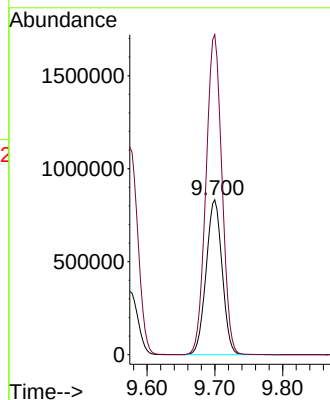
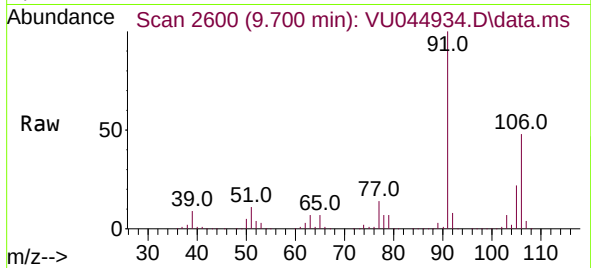
#68
m/p-Xylenes
Concen: 320.740 ug/l
RT: 9.700 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1364254
Ion Ratio Lower Upper
106 100
91 206.6 164.2 246.2

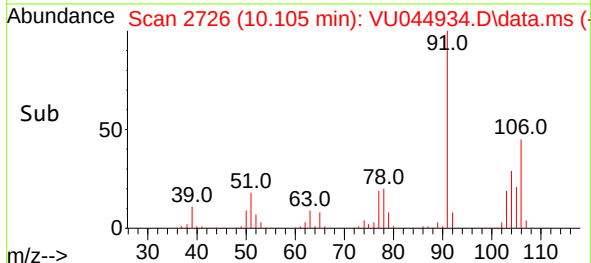
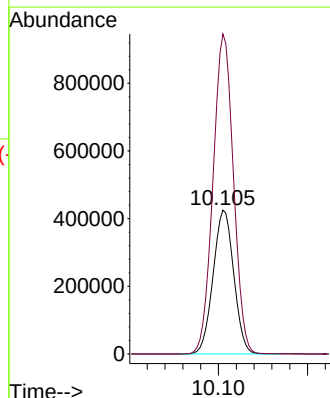
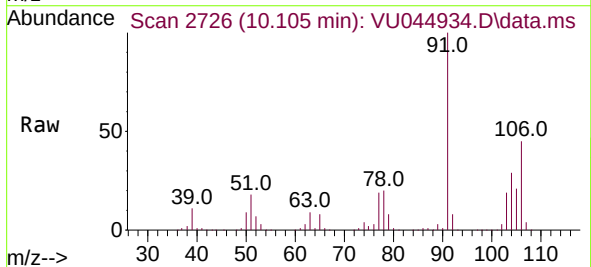
Manual Integrations
APPROVED

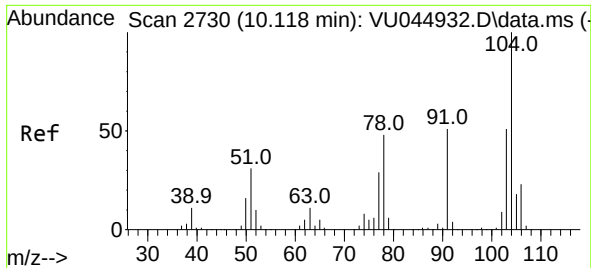
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#69
o-Xylene
Concen: 165.244 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

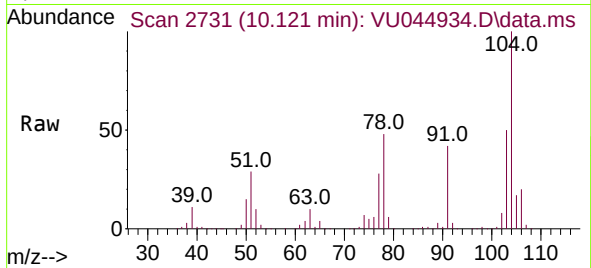
Tgt Ion:106 Resp: 683982
Ion Ratio Lower Upper
106 100
91 220.5 108.9 326.7





#70
Styrene
Concen: 174.060 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

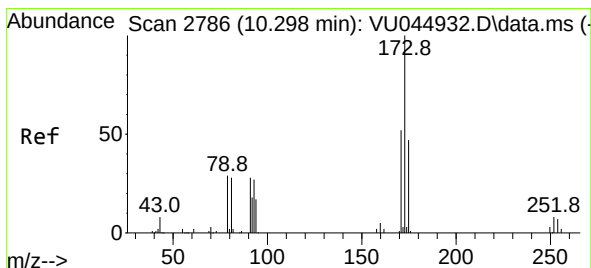
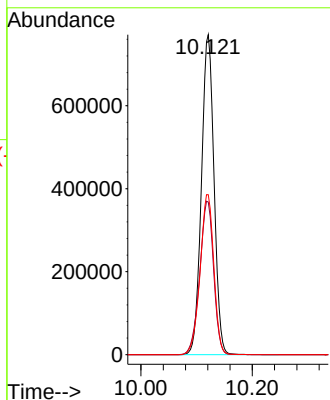
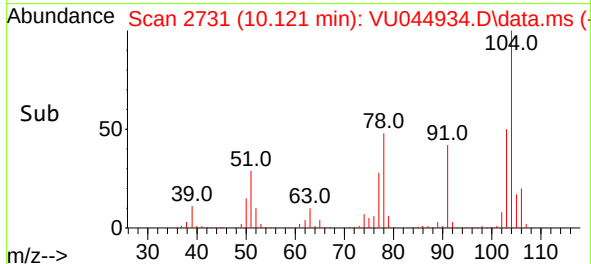
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:104 Resp: 1212138
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 54.4 43.5 65.3

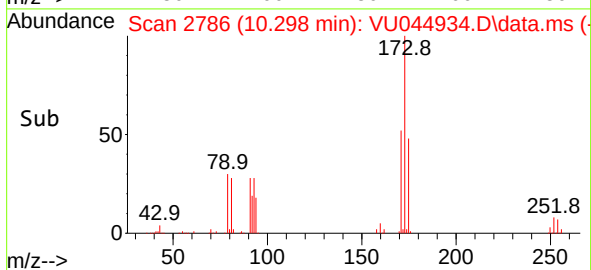
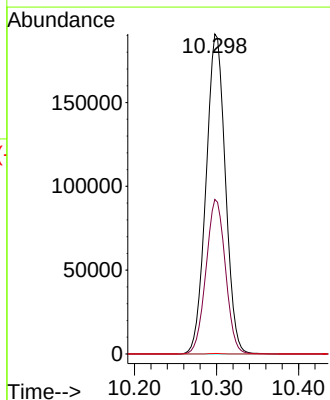
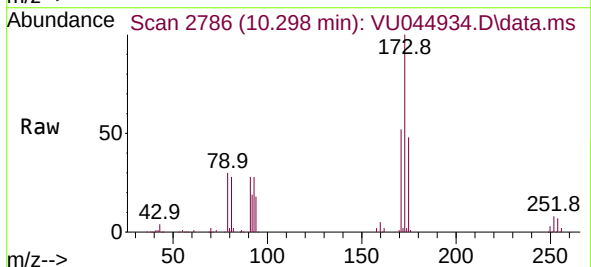
Manual Integrations
APPROVED

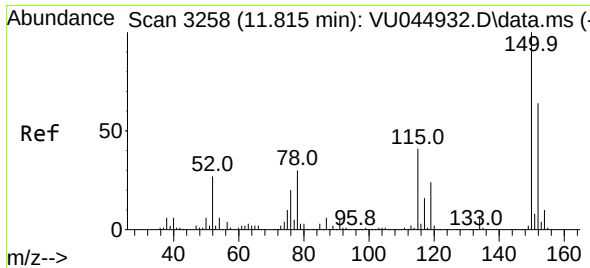
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#71
Bromoform
Concen: 167.963 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

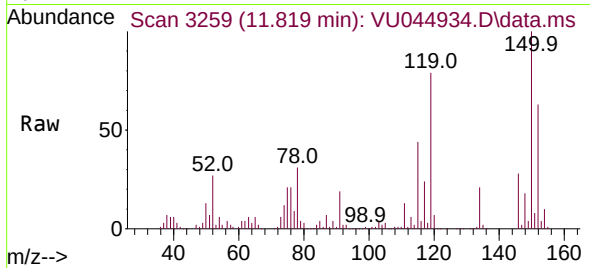
Tgt Ion:173 Resp: 312731
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.1 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

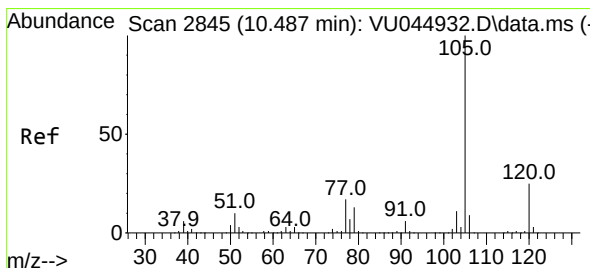
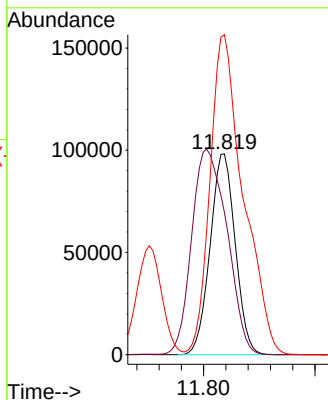
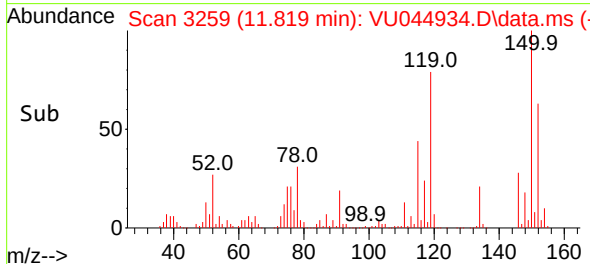
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



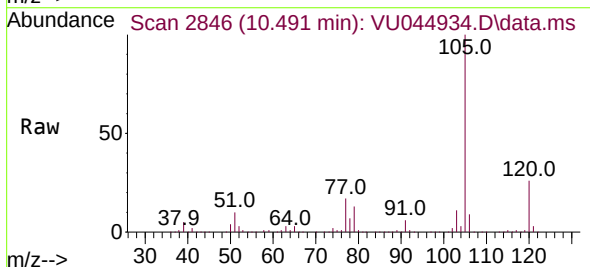
Tgt Ion:152 Resp: 15385
Ion Ratio Lower Upper
152 100
115 143.8 43.5 130.7
150 211.2 0.0 350.0

Manual Integrations
APPROVED

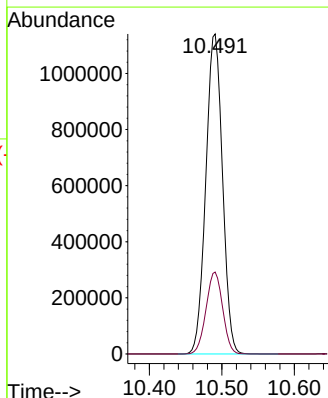
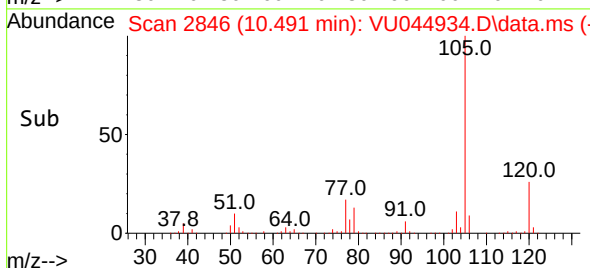
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

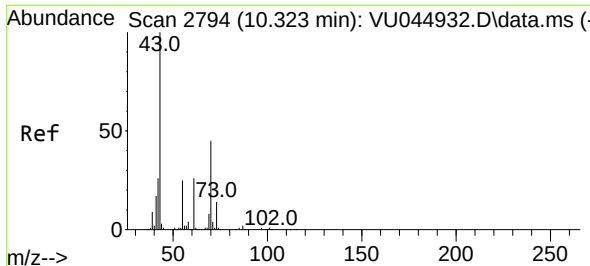


#73
Isopropylbenzene
Concen: 165.857 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



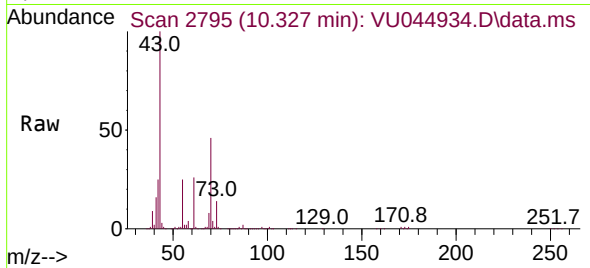
Tgt Ion:105 Resp: 1818615
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3





#74
N-amy1 acetate
Concen: 165.666 ug/l
RT: 10.327 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

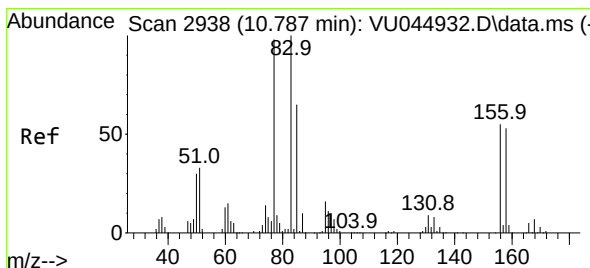
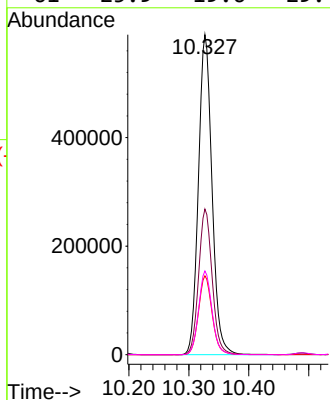
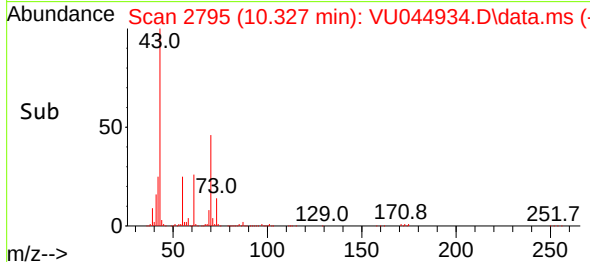
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 92958
Ion Ratio Lower Upper
43 100
70 45.4 35.1 52.7
55 24.7 20.5 30.7
61 25.9 19.6 29.4

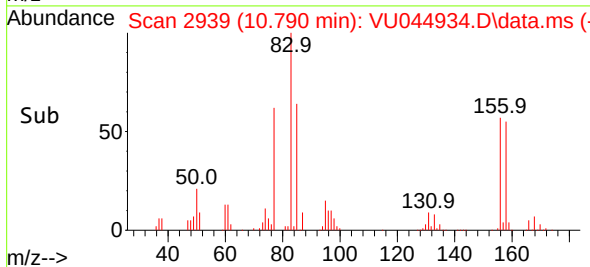
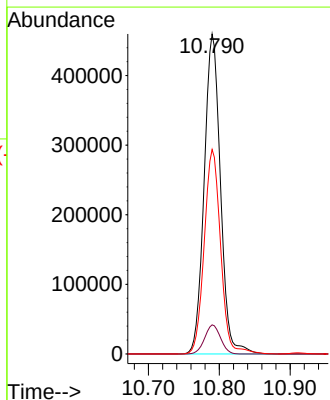
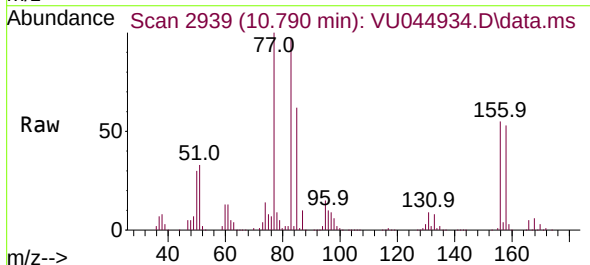
Manual Integrations
APPROVED

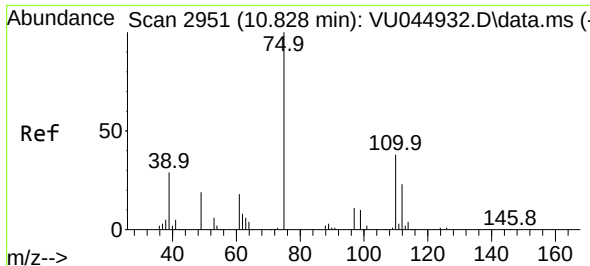
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 145.627 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

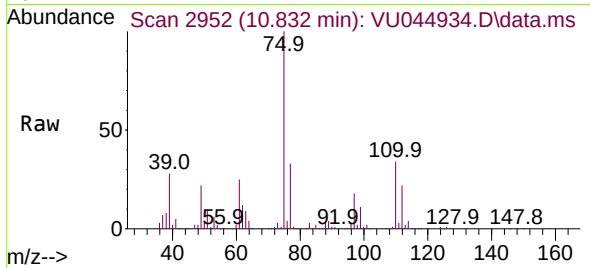
Tgt Ion: 83 Resp: 733908
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 64.3 31.9 95.5





#76
1,2,3-Trichloropropane
Concen: 149.487 ug/l m
RT: 10.832 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

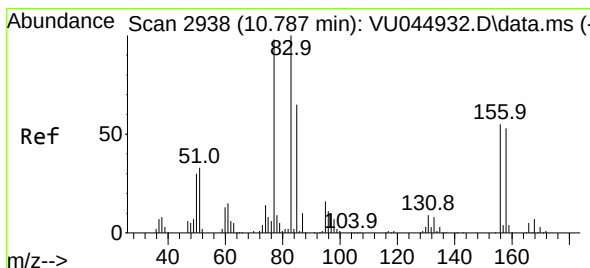
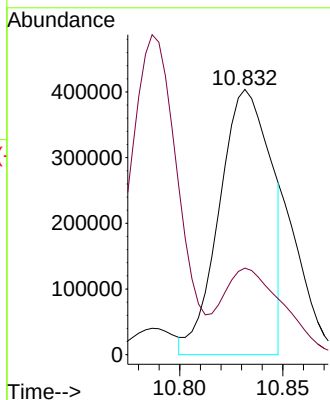
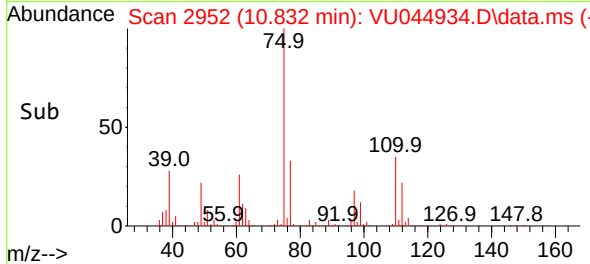
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



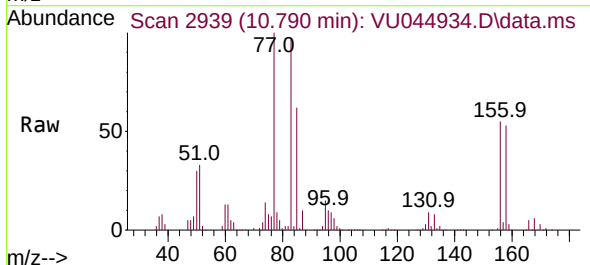
Tgt Ion: 75 Resp: 70255
Ion Ratio Lower Upper
75 100
77 37.4 17.9 53.7

Manual Integrations
APPROVED

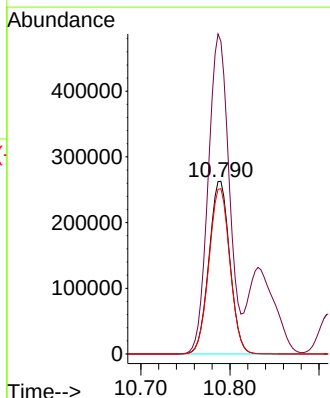
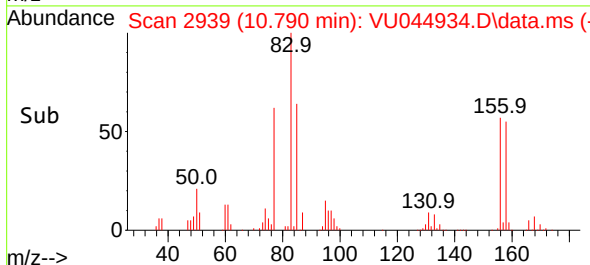
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

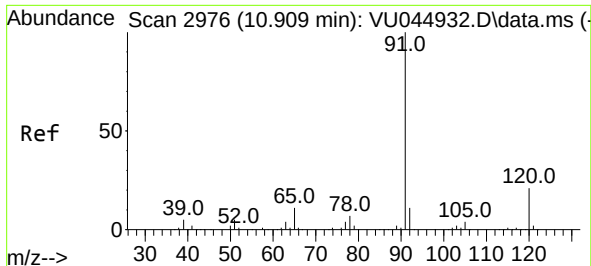


#77
Bromobenzene
Concen: 161.684 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



Tgt Ion:156 Resp: 426738
Ion Ratio Lower Upper
156 100
77 185.2 91.1 273.4
158 96.4 48.2 144.6





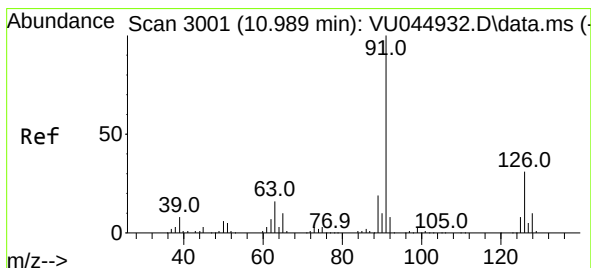
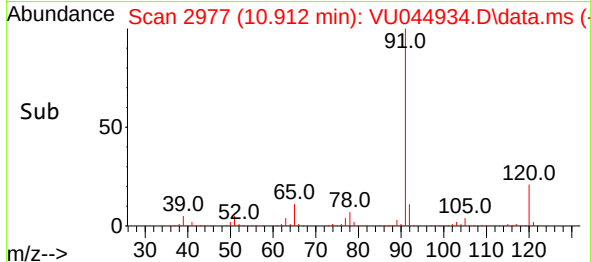
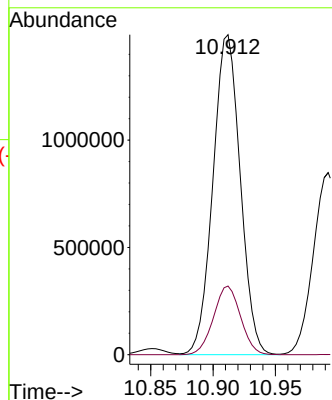
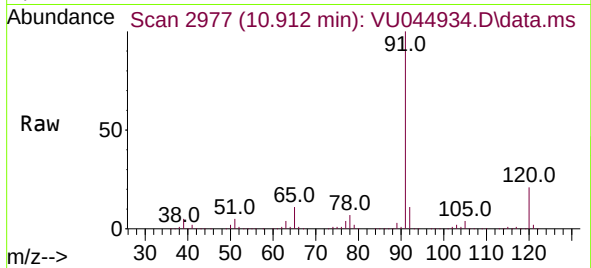
#78
n-propylbenzene
Concen: 170.585 ug/l
RT: 10.912 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2274304
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

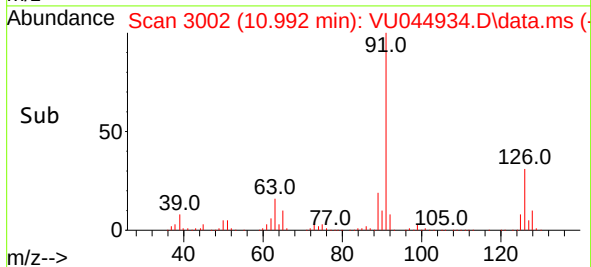
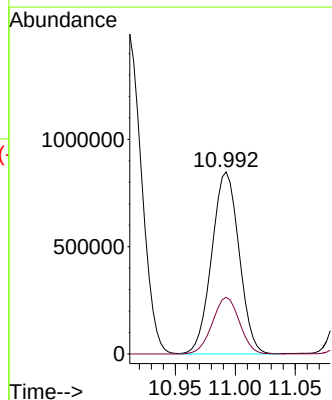
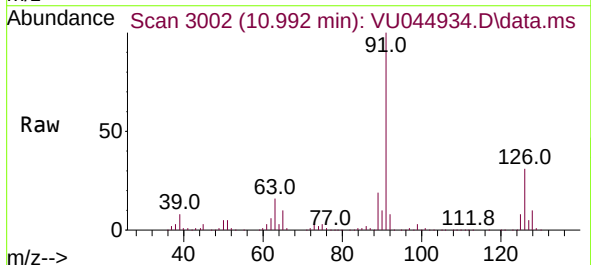
Manual Integrations
APPROVED

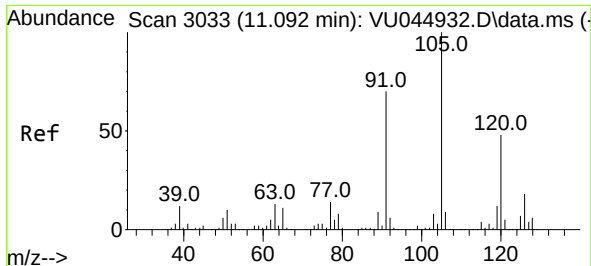
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#79
2-Chlorotoluene
Concen: 164.971 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

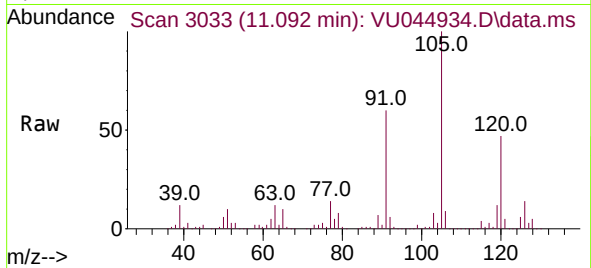
Tgt Ion: 91 Resp: 1345346
Ion Ratio Lower Upper
91 100
126 30.9 15.7 47.0





#80
1,3,5-Trimethylbenzene
Concen: 170.928 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

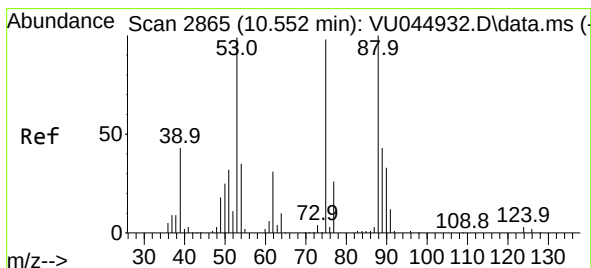
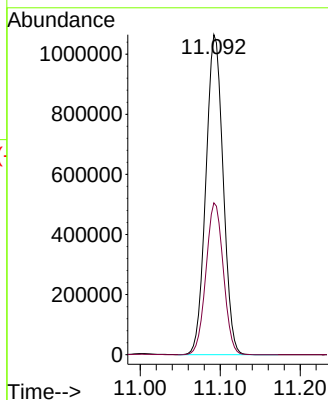
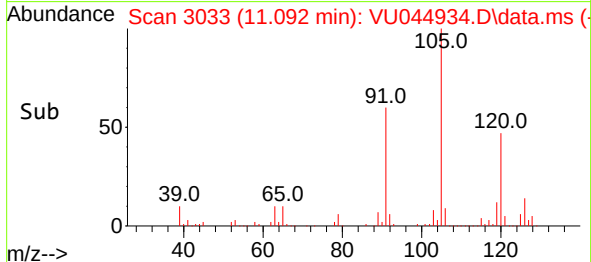
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



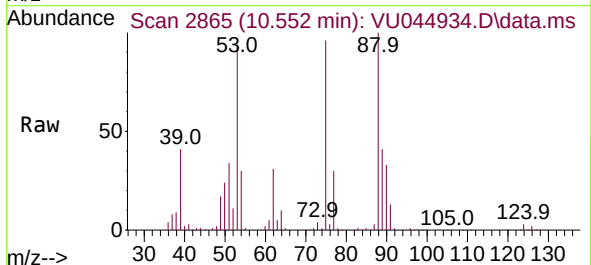
Tgt Ion:105 Resp: 1597664
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2

Manual Integrations
APPROVED

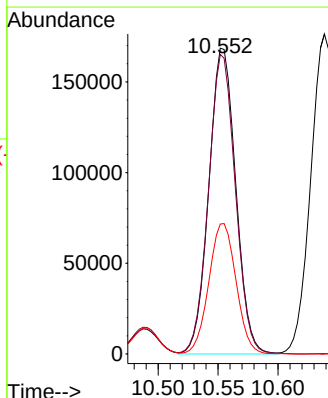
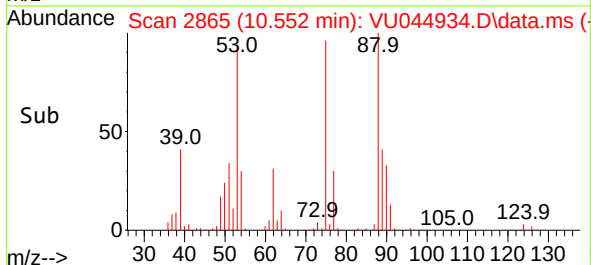
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

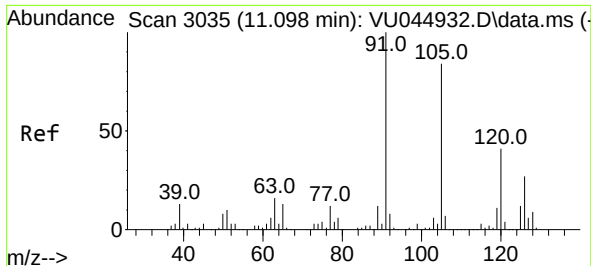


#81
trans-1,4-Dichloro-2-butene
Concen: 176.748 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



Tgt Ion: 75 Resp: 262955
Ion Ratio Lower Upper
75 100
53 97.8 82.0 123.0
89 43.3 34.2 51.4





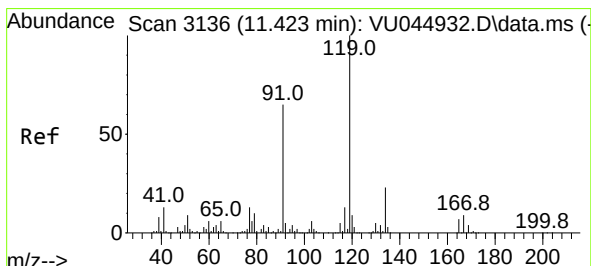
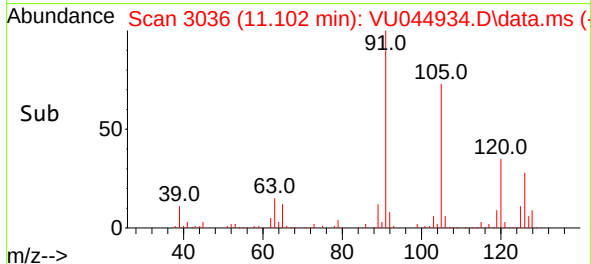
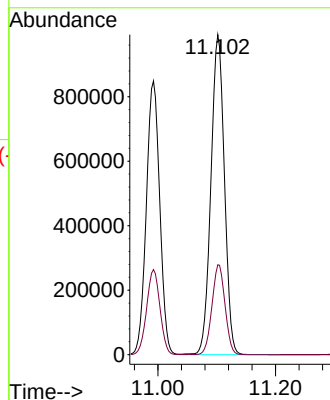
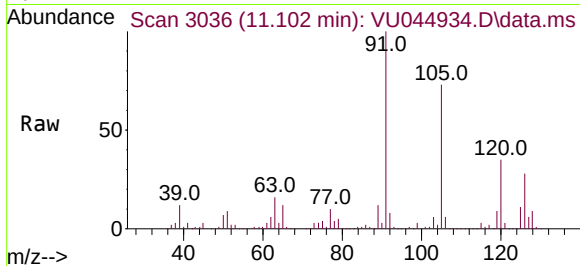
#82
4-Chlorotoluene
Concen: 169.863 ug/l
RT: 11.102 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 157865
Ion Ratio Lower Upper
91 100
126 27.2 13.8 41.4

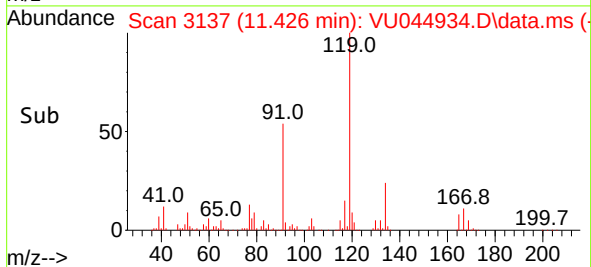
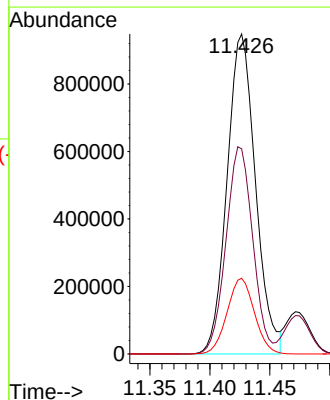
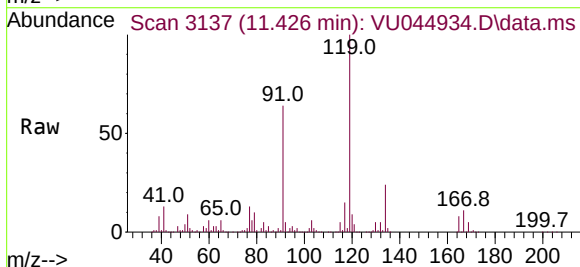
Manual Integrations
APPROVED

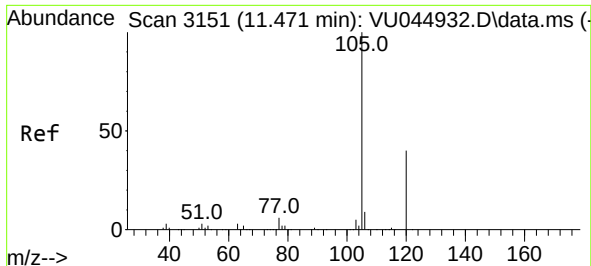
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#83
tert-Butylbenzene
Concen: 172.505 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

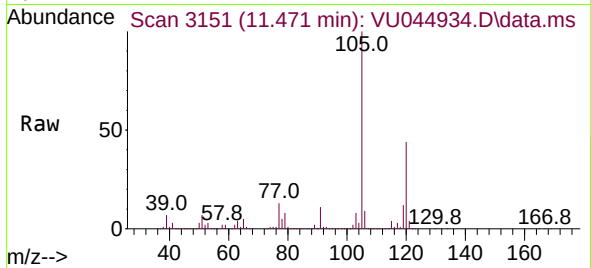
Tgt Ion:119 Resp: 1563972
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.2
134 22.7 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 173.442 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

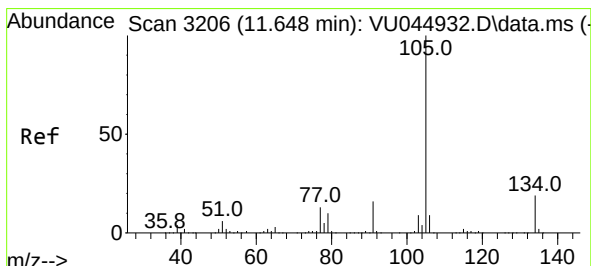
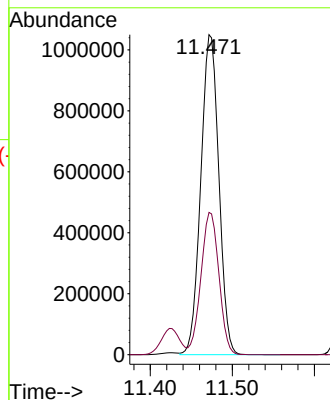
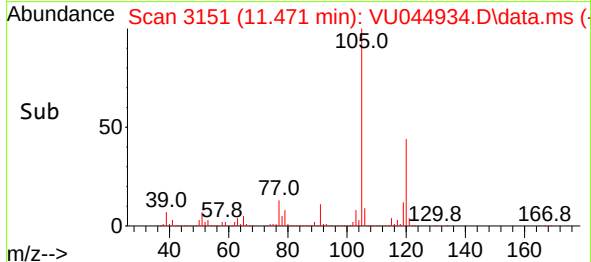
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



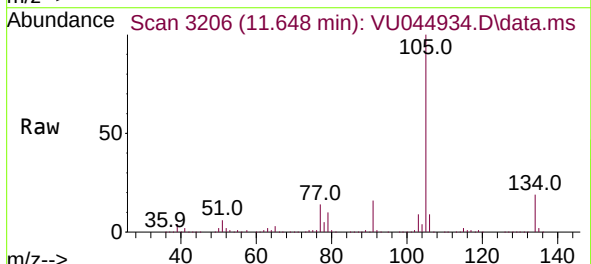
Tgt Ion:105 Resp: 1601799
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

Manual Integrations
APPROVED

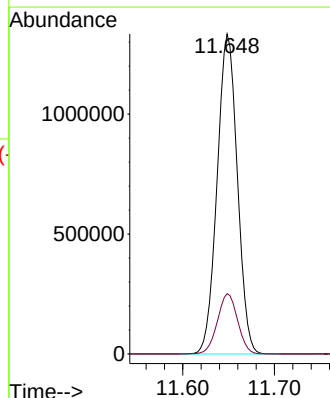
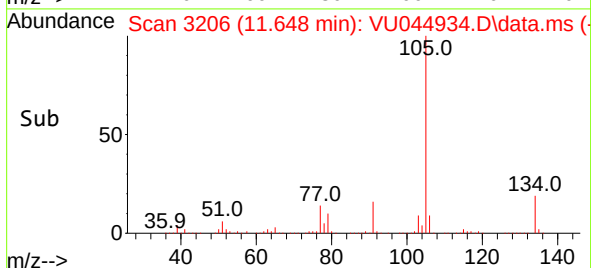
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

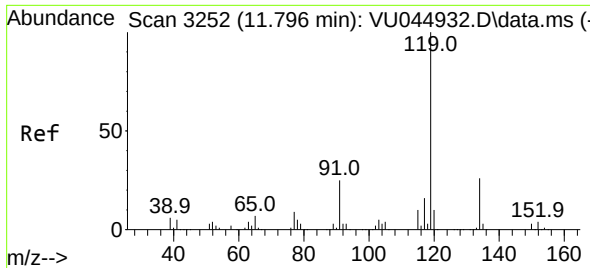


#85
sec-Butylbenzene
Concen: 174.747 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



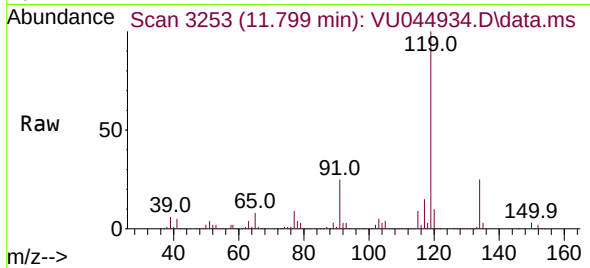
Tgt Ion:105 Resp: 2041377
Ion Ratio Lower Upper
105 100
134 18.9 9.3 28.0





#86
p-Isopropyltoluene
Concen: 174.846 ug/l
RT: 11.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

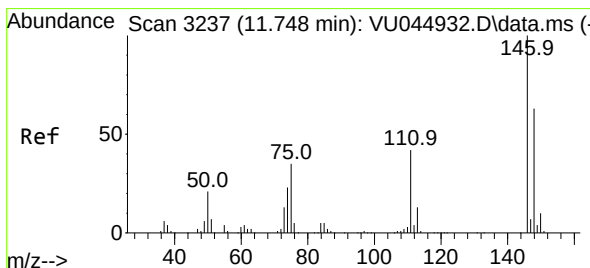
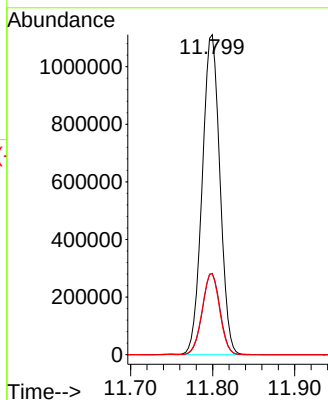
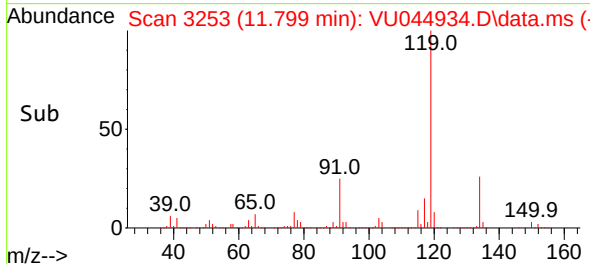
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



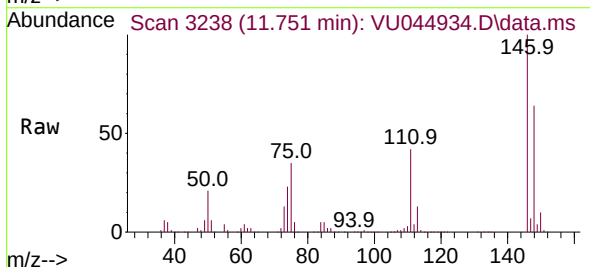
Tgt Ion:119 Resp: 166175
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.3
91 25.3 12.2 36.6

Manual Integrations
APPROVED

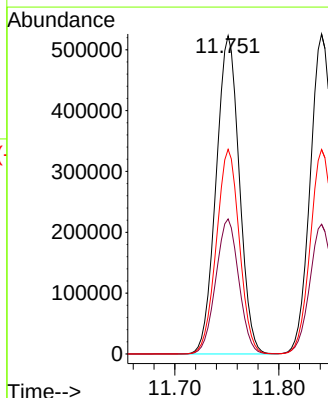
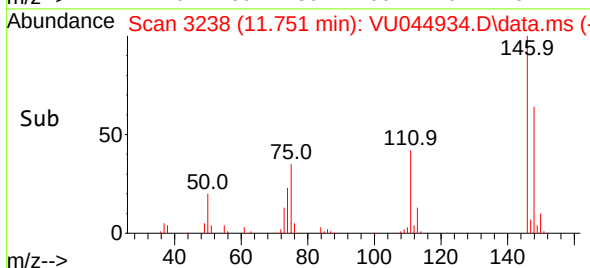
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

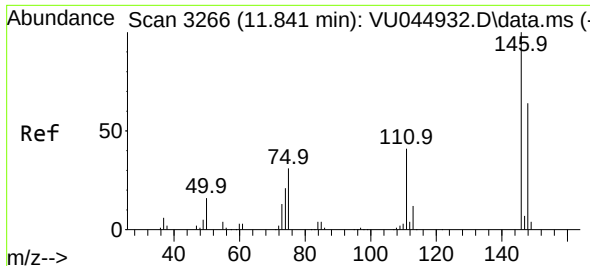


#87
1,3-Dichlorobenzene
Concen: 158.062 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



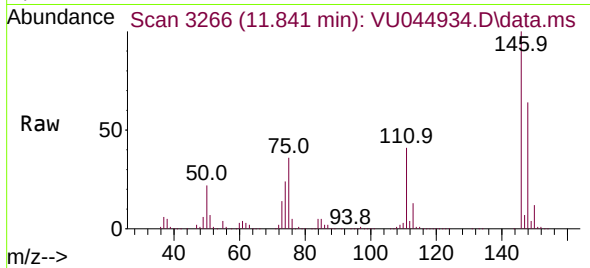
Tgt Ion:146 Resp: 812181
Ion Ratio Lower Upper
146 100
111 42.1 21.2 63.6
148 63.7 32.1 96.3





#88
1,4-Dichlorobenzene
Concen: 153.111 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

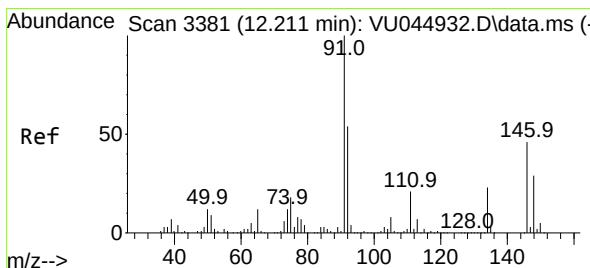
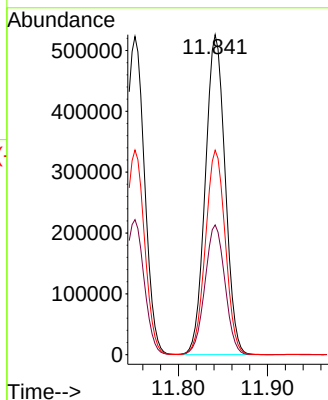
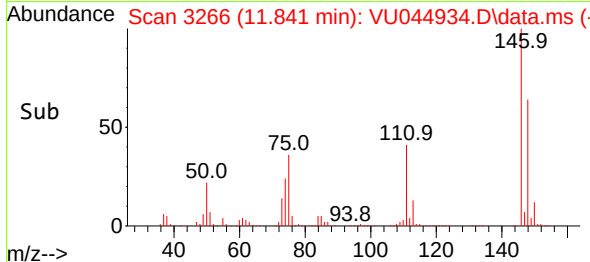
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 811300
Ion Ratio Lower Upper
146 100
111 40.9 20.3 61.0
148 64.0 31.8 95.3

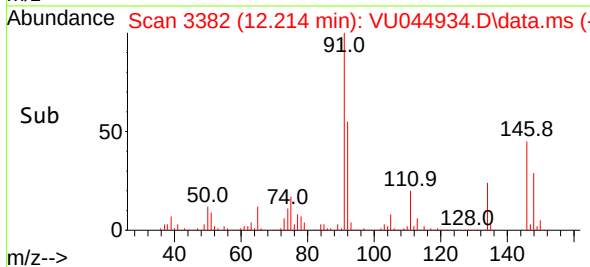
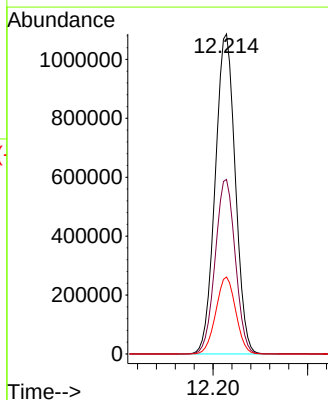
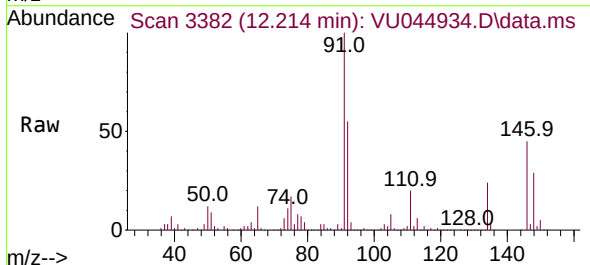
Manual Integrations
APPROVED

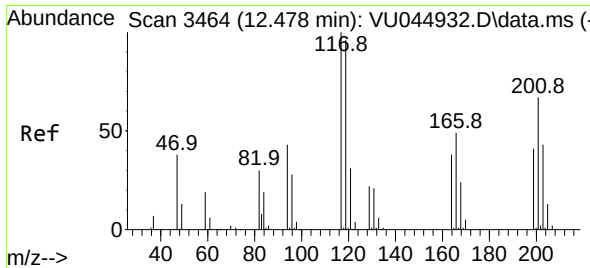
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#89
n-Butylbenzene
Concen: 183.009 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion: 91 Resp: 1601212
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.4
134 23.9 11.8 35.4





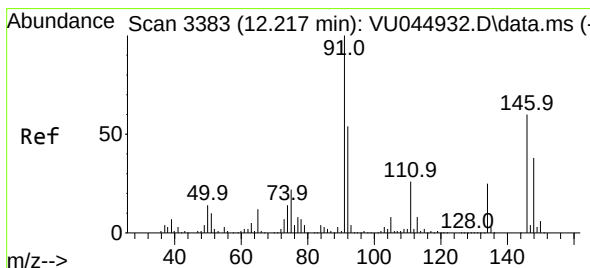
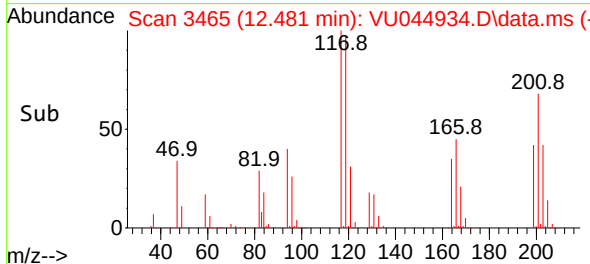
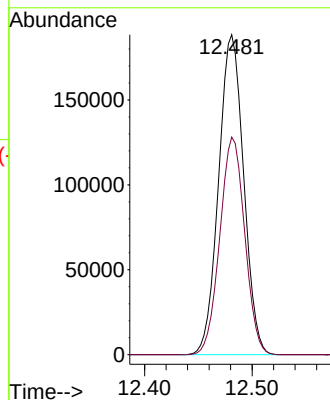
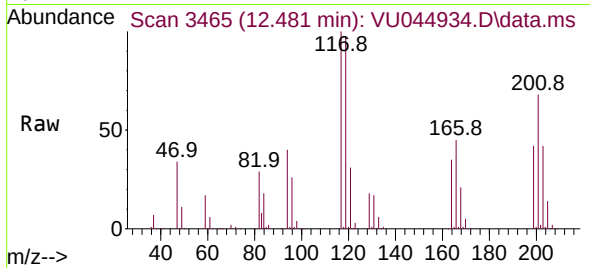
#90
Hexachloroethane
Concen: 176.193 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 304435
Ion Ratio Lower Upper
117 100
201 67.7 34.8 104.3

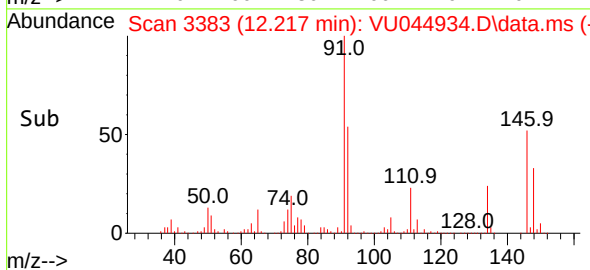
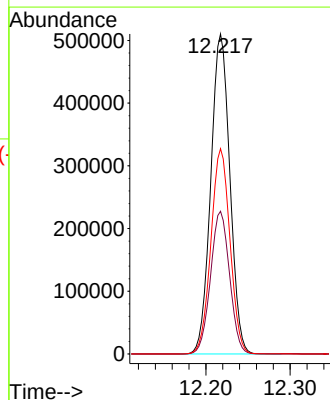
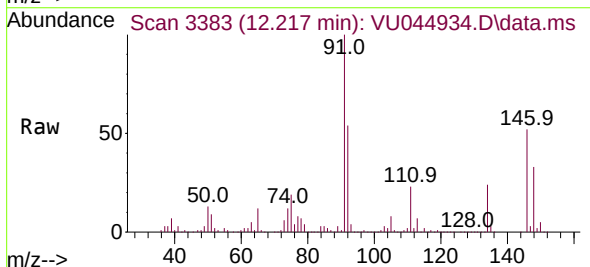
Manual Integrations
APPROVED

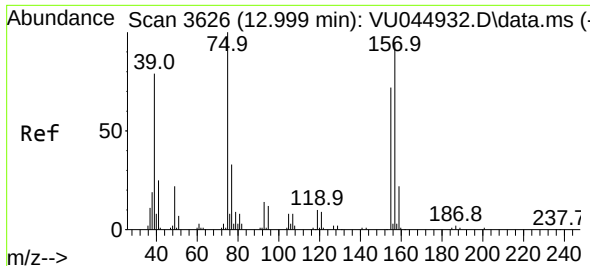
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#91
1,2-Dichlorobenzene
Concen: 147.861 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Tgt Ion:146 Resp: 802482
Ion Ratio Lower Upper
146 100
111 44.5 21.4 64.3
148 64.1 31.8 95.3





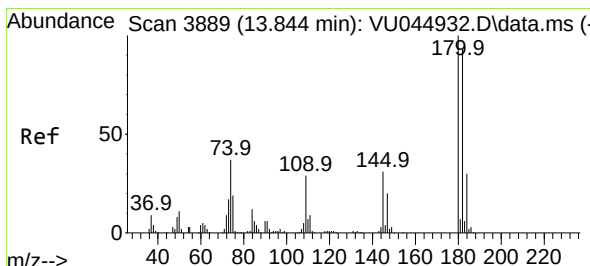
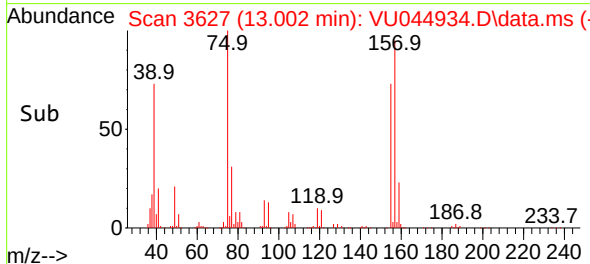
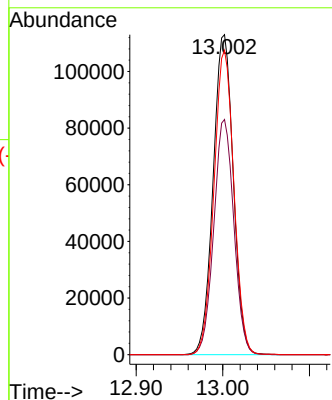
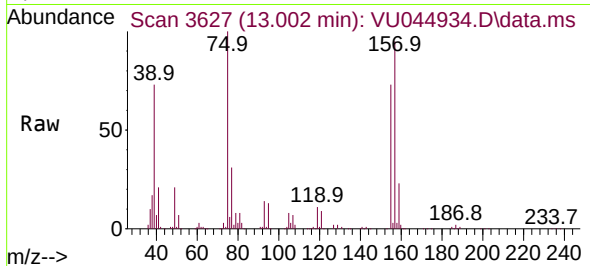
#92
1,2-Dibromo-3-Chloropropane
Concen: 151.787 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 182850
Ion Ratio Lower Upper
75 100
155 73.2 36.9 110.6
157 94.0 47.8 143.3

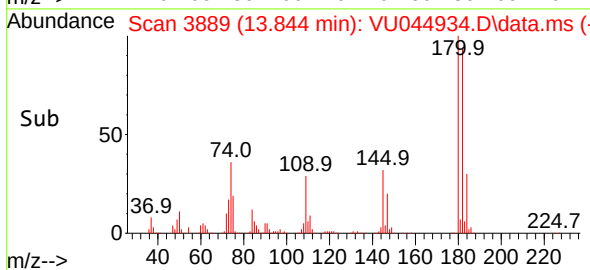
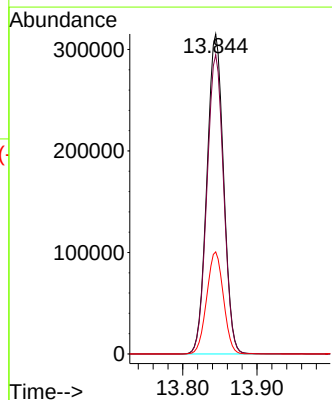
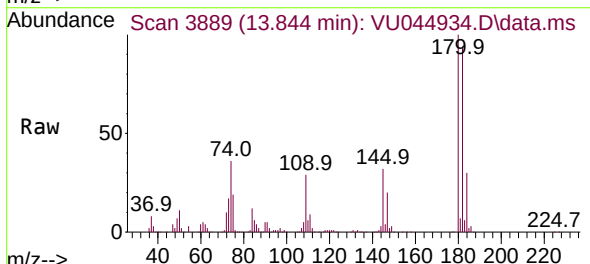
Manual Integrations
APPROVED

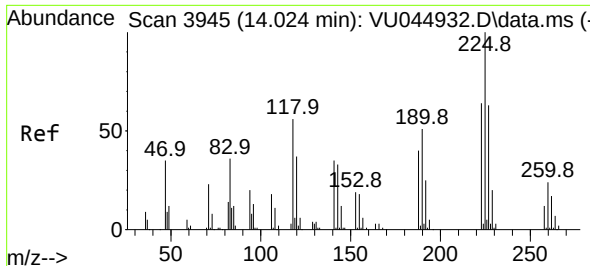
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#93
1,2,4-Trichlorobenzene
Concen: 165.512 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

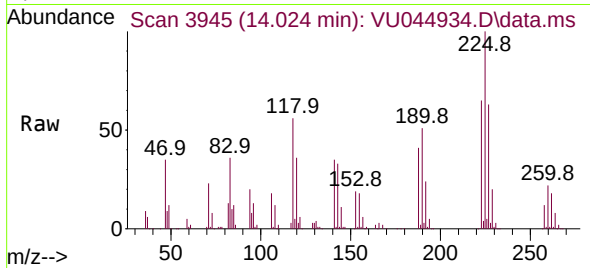
Tgt Ion:180 Resp: 491132
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.3
145 32.0 15.4 46.2





#94
Hexachlorobutadiene
Concen: 147.478 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11

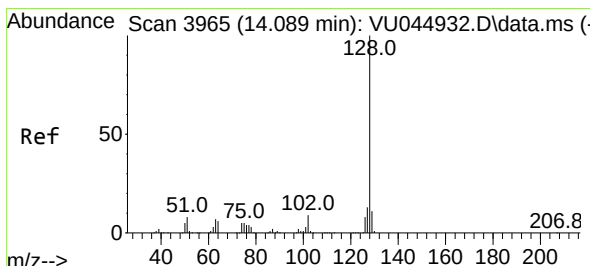
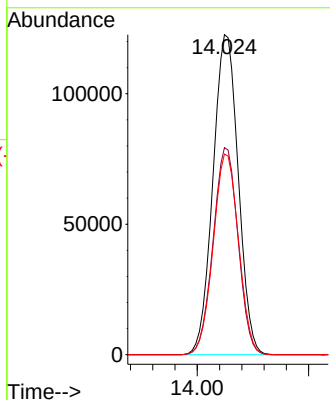
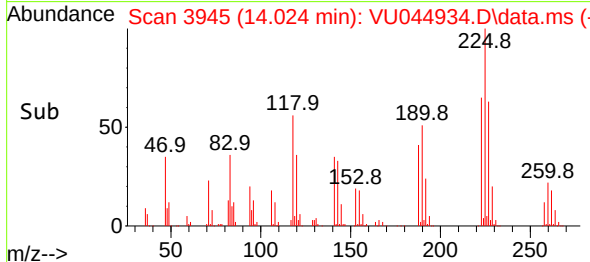
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



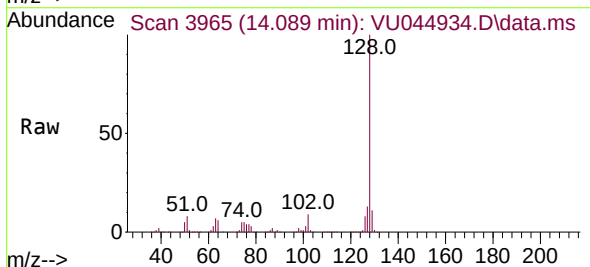
Tgt Ion:225 Resp: 193424
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.3
227 62.8 31.4 94.3

Manual Integrations
APPROVED

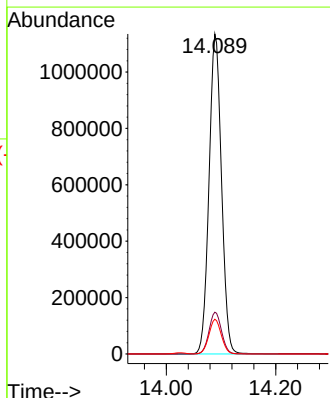
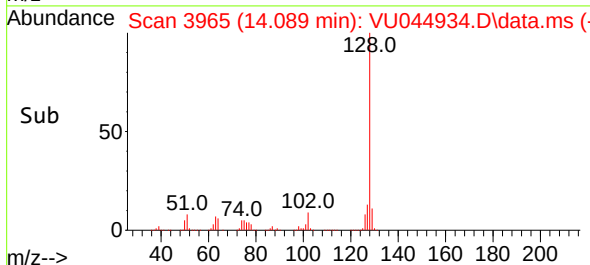
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

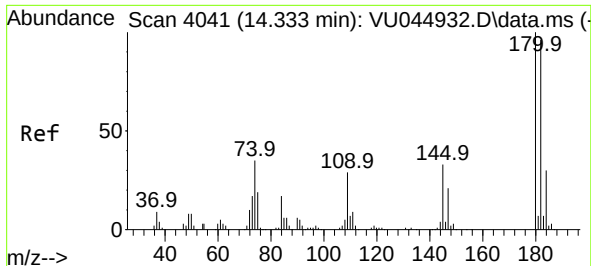


#95
Naphthalene
Concen: 173.472 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU044934.D
Acq: 28 Sep 2021 12:11



Tgt Ion:128 Resp: 1791334
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 160.047 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU044934.D

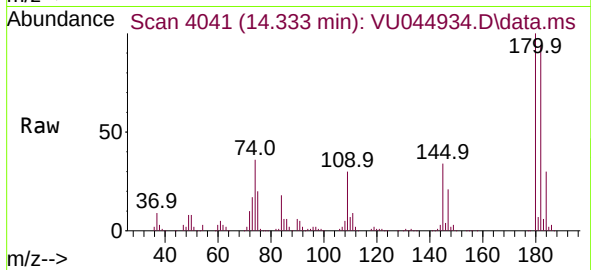
Acq: 28 Sep 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150



Tgt Ion:180	Resp:	478914
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.1 141.4
145	33.7	16.4 49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021

