

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049401.D
 Acq On : 27 Jun 2022 12:57
 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 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:16:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:11:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	175493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	297970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	283543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	149677	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	397441	145.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.180%#			
35) Dibromofluoromethane	5.289	113	303611	143.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.200%#			
50) Toluene-d8	7.899	98	1111197	147.433	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.860%#			
62) 4-Bromofluorobenzene	10.636	95	447368	152.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 305.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	443667	148.572	ug/l	98
3) Chloromethane	1.520	50	505844	147.793	ug/l	98
4) Vinyl Chloride	1.601	62	439757	149.194	ug/l	100
5) Bromomethane	1.845	94	132021	162.216	ug/l	98
6) Chloroethane	1.913	64	200926	172.906	ug/l	99
7) Trichlorofluoromethane	2.125	101	547174	148.946	ug/l	98
8) Diethyl Ether	2.372	74	194167	154.305	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.572	101	297944	148.322	ug/l	93
10) Methyl Iodide	2.716	142	329646	220.341	ug/l	92
11) Tert butyl alcohol	3.247	59	541339m	938.867	ug/l	
12) 1,1-Dichloroethene	2.572	96	285200	150.441	ug/l	88
13) Acrolein	2.485	56	313124	768.769	ug/l	99
14) Allyl chloride	2.916	41	592934	155.155	ug/l #	88
15) Acrylonitrile	3.311	53	1154685	773.541	ug/l	99
16) Acetone	2.630	43	942934	765.052	ug/l	97
17) Carbon Disulfide	2.784	76	869209	152.924	ug/l	99
18) Methyl Acetate	2.945	43	531558	151.807	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	1071495	152.197	ug/l	97
20) Methylene Chloride	3.041	84	338469	148.972	ug/l #	86
21) trans-1,2-Dichloroethene	3.347	96	303494	147.957	ug/l	91
22) Diisopropyl ether	3.993	45	1100298	148.504	ug/l #	67
23) Vinyl Acetate	3.954	43	5062612	771.243	ug/l #	93
24) 1,1-Dichloroethane	3.864	63	619122	147.387	ug/l	98
25) 2-Butanone	4.703	43	1576967	813.129	ug/l	92
26) 2,2-Dichloropropane	4.662	77	525701	148.911	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	359826	152.502	ug/l	88
28) Bromochloromethane	4.974	49	273199	144.538	ug/l #	74
29) Tetrahydrofuran	5.051	42	1036744	773.936	ug/l	86
30) Chloroform	5.089	83	607980	147.855	ug/l	98
31) Cyclohexane	5.385	56	578924	145.293	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	547256	146.076	ug/l	99
36) 1,1-Dichloropropene	5.523	75	458662	149.936	ug/l	96
37) Ethyl Acetate	4.803	43	602551	134.566	ug/l	96
38) Carbon Tetrachloride	5.523	117	478729	146.886	ug/l	99
39) Methylcyclohexane	6.761	83	575346	149.485	ug/l	91
40) Benzene	5.774	78	1343531	146.745	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	317676	156.496	ug/l	88
42) 1,2-Dichloroethane	5.793	62	503108	145.907	ug/l	97
43) Isopropyl Acetate	5.912	43	924923	154.102	ug/l	95
44) Trichloroethene	6.543	130	324674	149.948	ug/l	87
45) 1,2-Dichloropropane	6.790	63	370813	148.467	ug/l	100
46) Dibromomethane	6.919	93	251958	147.059	ug/l	89
47) Bromodichloromethane	7.105	83	496690	150.932	ug/l	99
48) Methyl methacrylate	6.961	41	443970	155.355	ug/l	86
49) 1,4-Dioxane	6.983	88	212850	3126.329	ug/l #	1
51) 4-Methyl-2-Pentanone	7.797	43	3081102	755.890	ug/l	94
52) Toluene	7.970	92	823583	151.465	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	567089	157.430	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	594512	153.728	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	331922	143.896	ug/l	97
56) Ethyl methacrylate	8.337	69	600724	151.415	ug/l	90
57) 1,3-Dichloropropane	8.578	76	595302	148.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	229171	709.028	ug/l	93
59) 2-Hexanone	8.690	43	2439473	775.535	ug/l	94
60) Dibromochloromethane	8.813	129	370379	149.779	ug/l	99
61) 1,2-Dibromoethane	8.925	107	368531	151.099	ug/l	99
64) Tetrachloroethene	8.555	164	263494	145.787	ug/l	93
65) Chlorobenzene	9.449	112	856619	149.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	330099	147.474	ug/l	98
67) Ethyl Benzene	9.571	91	1639802	152.772	ug/l	95
68) m/p-Xylenes	9.697	106	1206141	303.264	ug/l	88
69) o-Xylene	10.102	106	588429	147.849	ug/l	86
70) Styrene	10.115	104	1005836	151.905	ug/l	95
71) Bromoform	10.295	173	300901	153.504	ug/l #	99
73) Isopropylbenzene	10.485	105	1584189	140.846	ug/l	96
74) N-amyl acetate	10.321	43	853273	148.467	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.787	83	637805	141.019	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	748544	146.245	ug/l	99
77) Bromobenzene	10.784	156	366296	140.225	ug/l	81
78) n-propylbenzene	10.906	91	1979390	145.480	ug/l	95
79) 2-Chlorotoluene	10.986	91	1163091	141.807	ug/l	91
80) 1,3,5-Trimethylbenzene	11.089	105	1394119	142.623	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.549	75	220296	155.651	ug/l	94
82) 4-Chlorotoluene	11.099	91	1344448	144.498	ug/l	92
83) tert-Butylbenzene	11.423	119	1370672	141.547	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	1405792	144.118	ug/l	94
85) sec-Butylbenzene	11.645	105	1771629	144.317	ug/l	96
86) p-Isopropyltoluene	11.793	119	1457361	146.885	ug/l	95
87) 1,3-Dichlorobenzene	11.748	146	722671	146.692	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	721150	149.420	ug/l	96
89) n-Butylbenzene	12.208	91	1399593	162.438	ug/l	98
90) Hexachloroethane	12.478	117	284091	147.461	ug/l	82
91) 1,2-Dichlorobenzene	12.214	146	729151	146.494	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	180126	157.754	ug/l	79
93) 1,2,4-Trichlorobenzene	13.841	180	522120	165.506	ug/l	97
94) Hexachlorobutadiene	14.021	225	239046	149.617	ug/l	99
95) Naphthalene	14.086	128	1818816	166.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	530577	159.112	ug/l	97

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

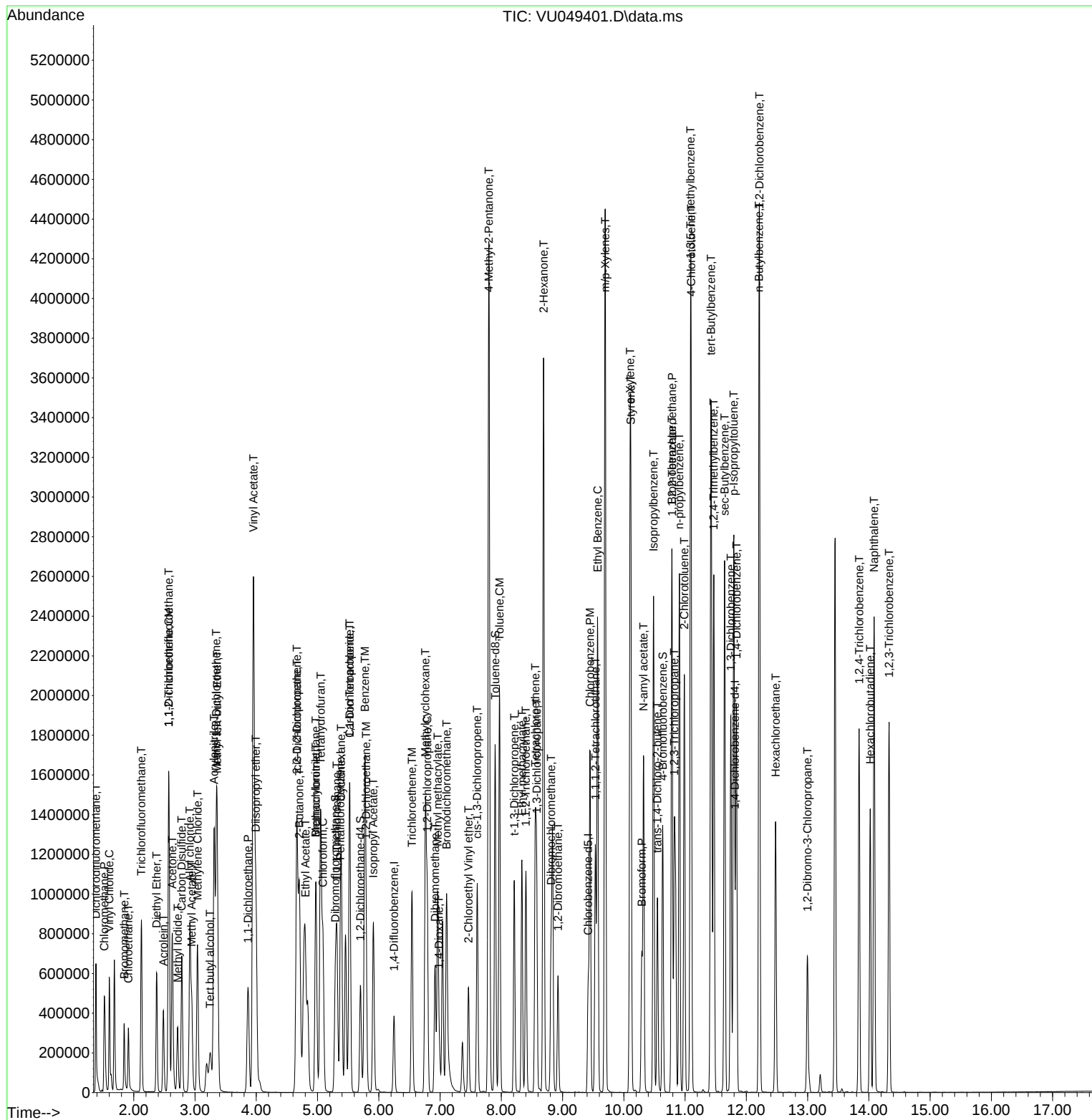
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
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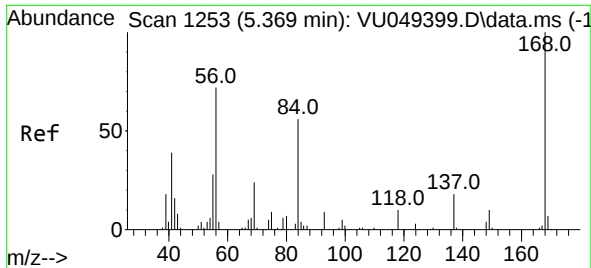
Instrument :
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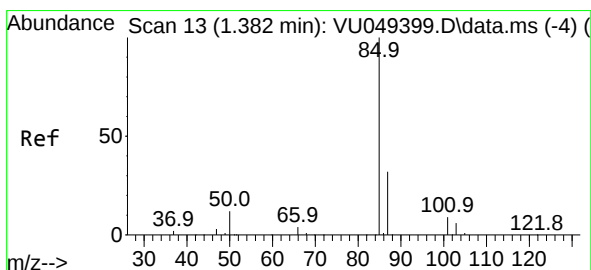
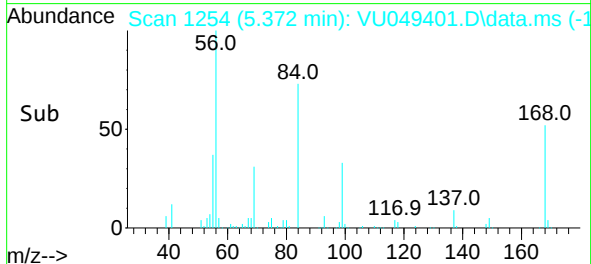
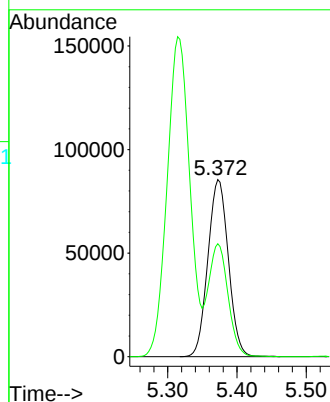
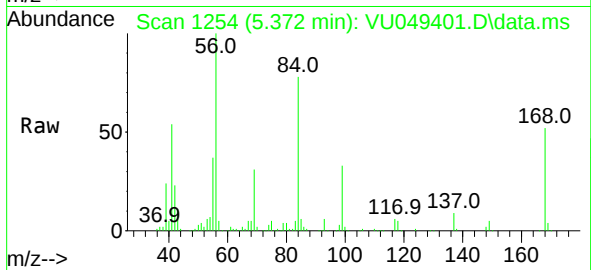
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 17549
Ion Ratio Lower Upper
168 100
99 63.7 39.3 58.9

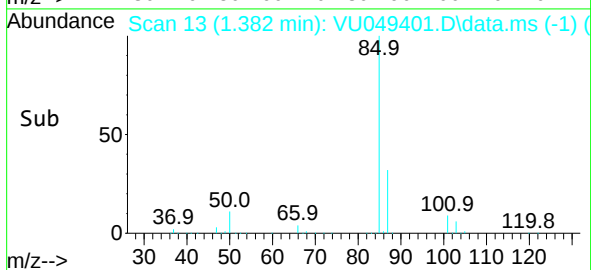
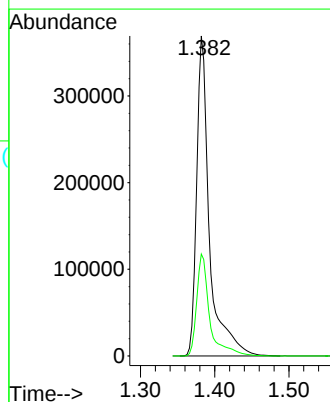
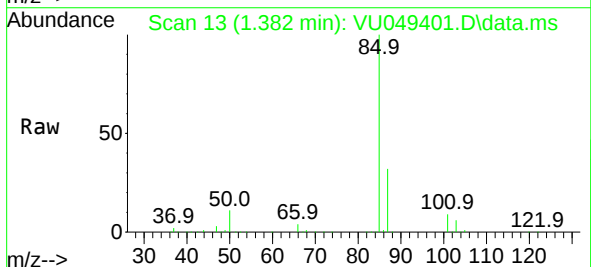
Manual Integrations
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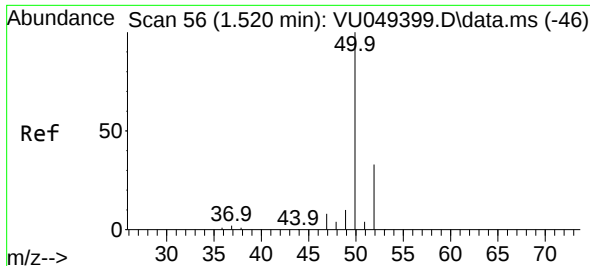
Reviewed By :John Carlone 06/28/2022
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#2
Dichlorodifluoromethane
Concen: 148.572 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.006 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

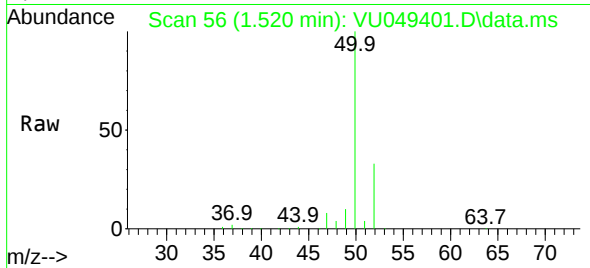
Tgt Ion: 85 Resp: 443667
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2





#3
Chloromethane
Concen: 147.793 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

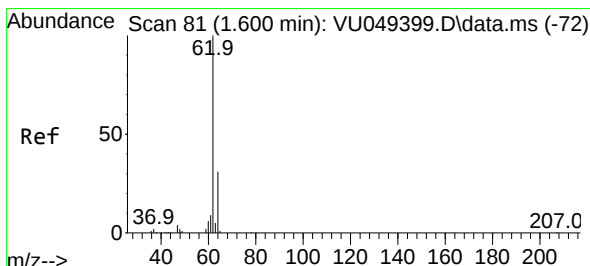
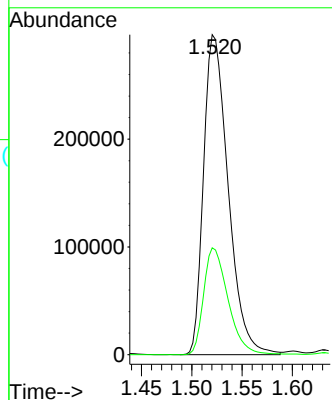
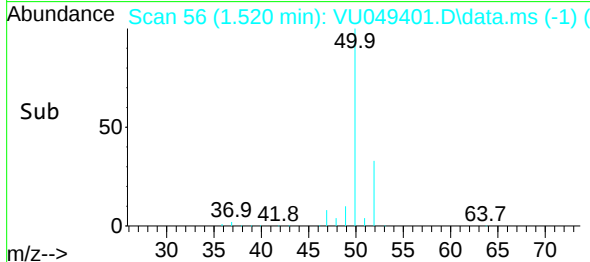
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



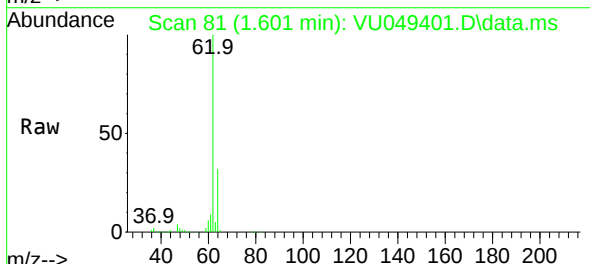
Tgt Ion: 50 Resp: 505844
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2

Manual Integrations
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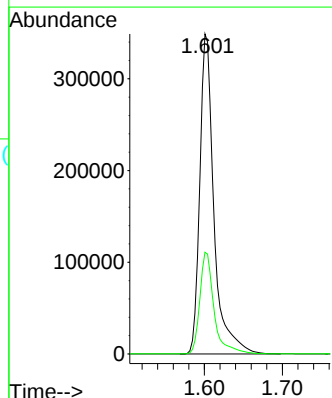
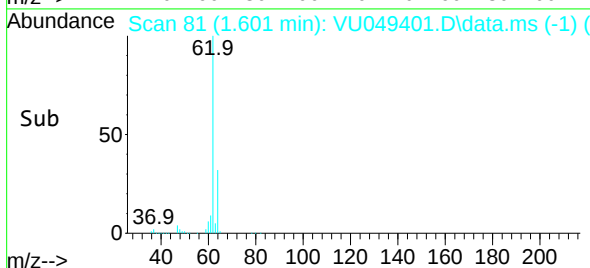
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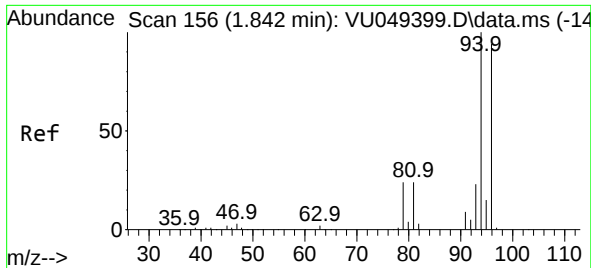


#4
Vinyl Chloride
Concen: 149.194 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



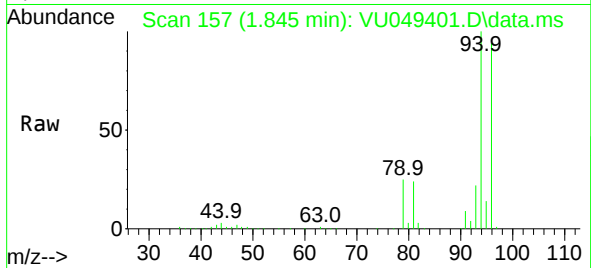
Tgt Ion: 62 Resp: 439757
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5
Bromomethane
Concen: 162.216 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

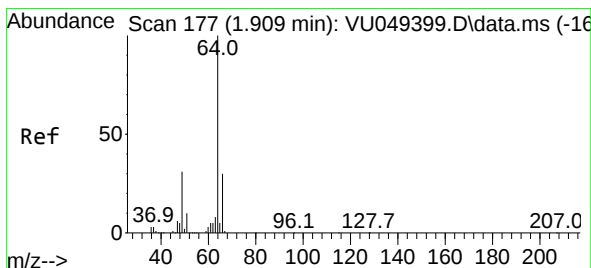
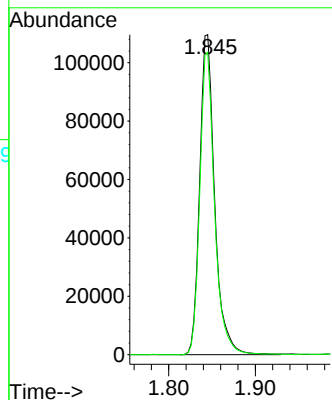
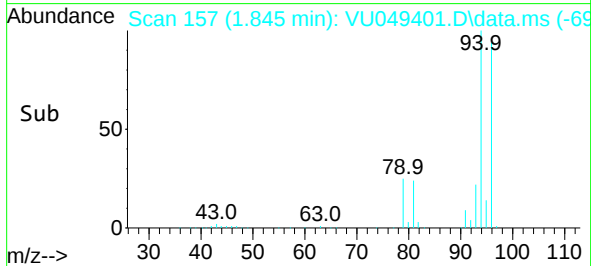
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Tgt Ion: 94 Resp: 13202
Ion Ratio Lower Upper
94 100
96 94.5 73.7 110.5

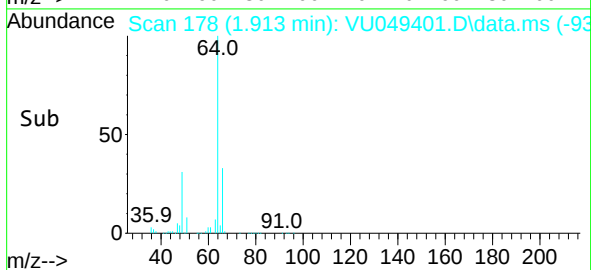
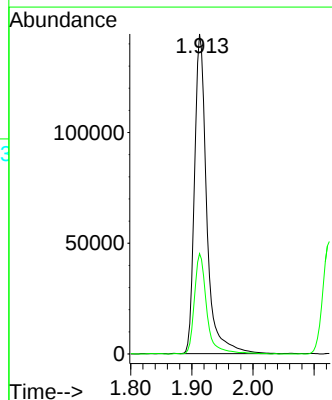
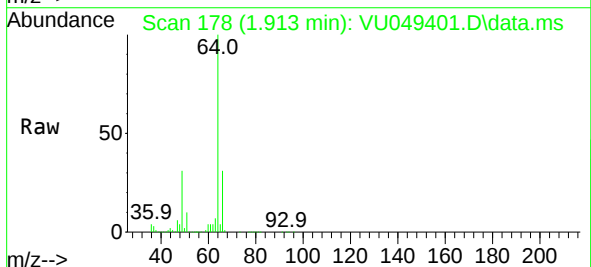
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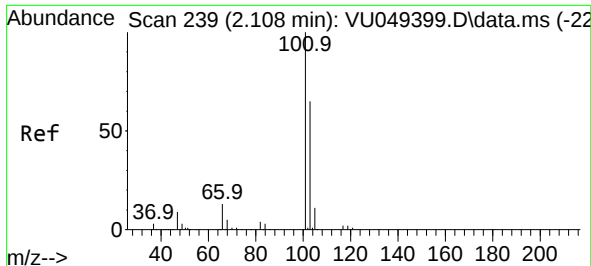
Reviewed By :John Carlone 06/28/2022
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#6
Chloroethane
Concen: 172.906 ug/l
RT: 1.913 min Scan# 178
Delta R.T. -0.026 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

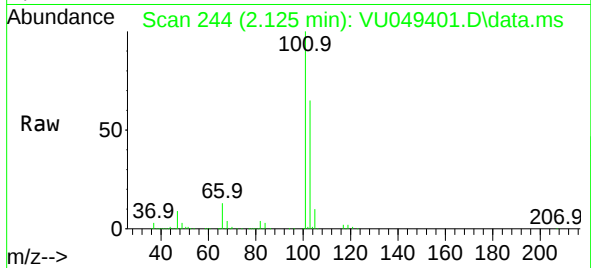
Tgt Ion: 64 Resp: 200926
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 148.946 ug/l
 RT: 2.125 min Scan# 244
 Delta R.T. -0.016 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

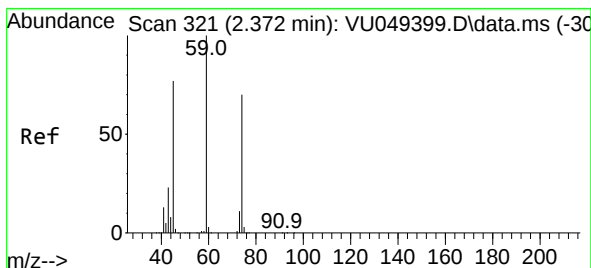
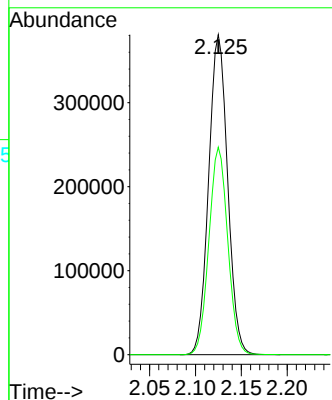
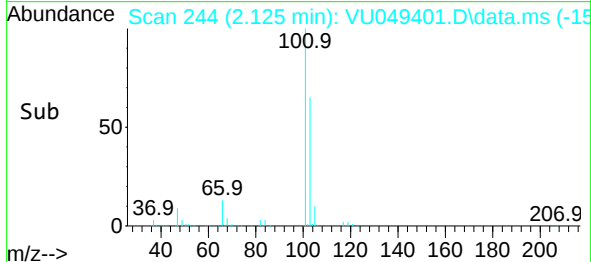
Instrument :
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Tgt Ion:101 Resp: 547174
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 75.8

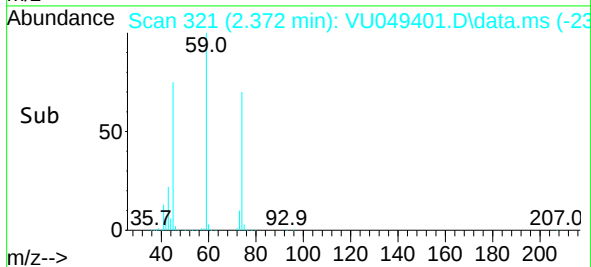
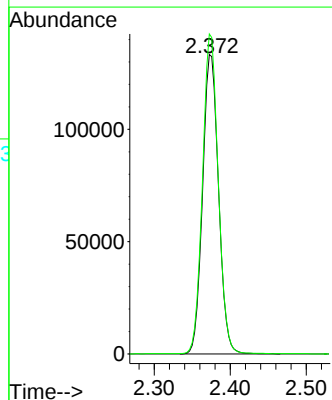
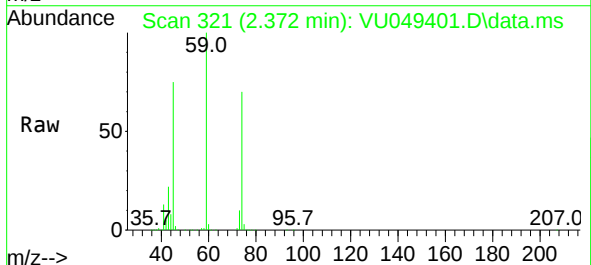
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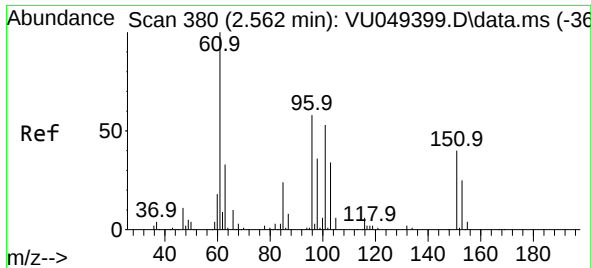
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#8
 Diethyl Ether
 Concen: 154.305 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.006 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

Tgt Ion: 74 Resp: 194167
 Ion Ratio Lower Upper
 74 100
 45 105.4 44.4 133.2





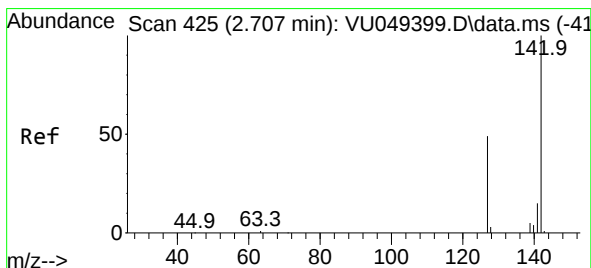
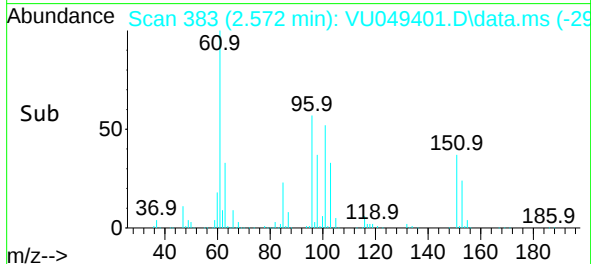
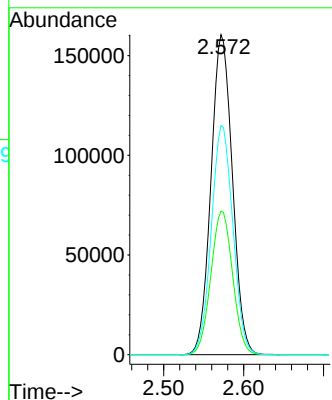
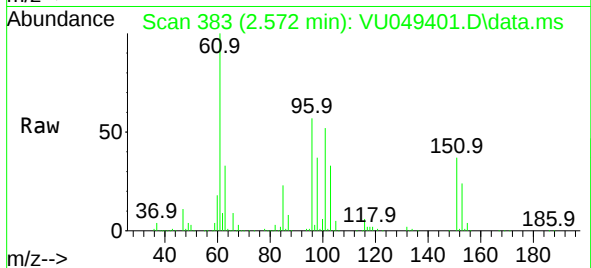
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.322 ug/l
RT: 2.572 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC150

Tgt Ion:101 Resp: 297944
Ion Ratio Lower Upper
101 100
85 45.6 33.9 50.9
151 72.4 64.0 96.0

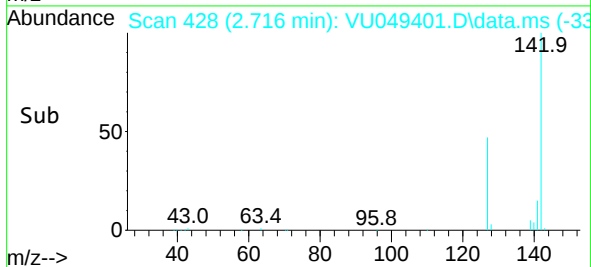
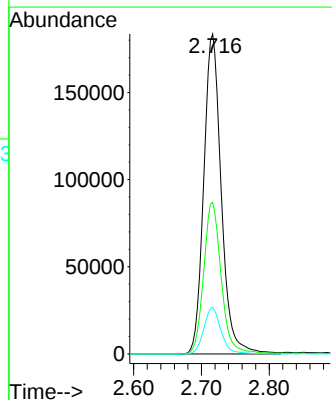
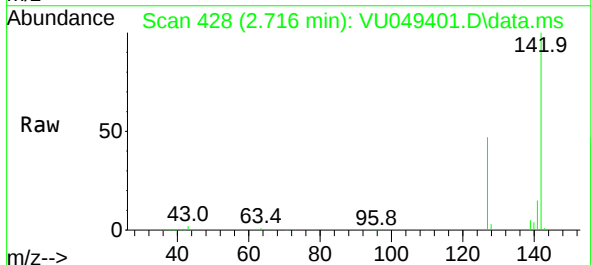
Manual Integrations
APPROVED

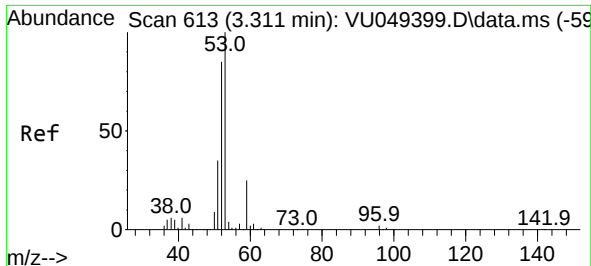
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 220.341 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.010 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

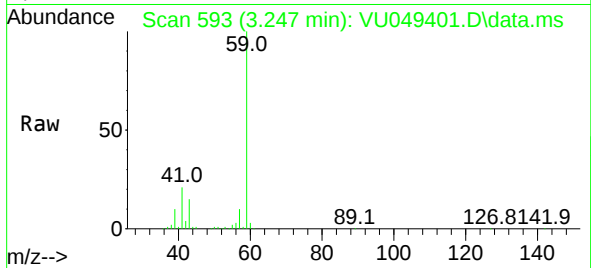
Tgt Ion:142 Resp: 329646
Ion Ratio Lower Upper
142 100
127 47.7 32.5 48.7
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 938.867 ug/l m
RT: 3.247 min Scan# 59
Delta R.T. -0.048 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

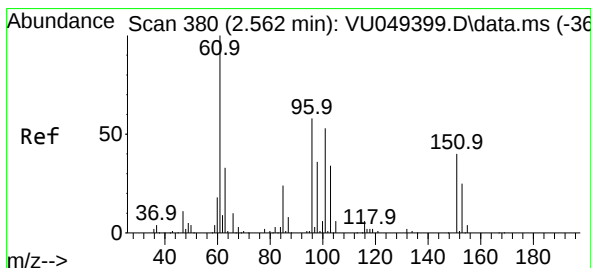
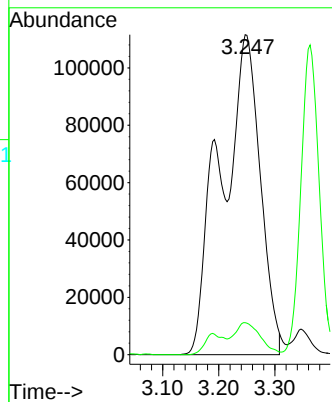
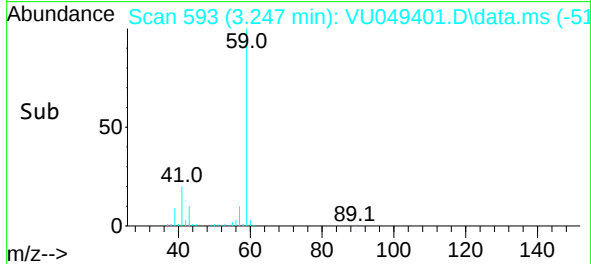
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



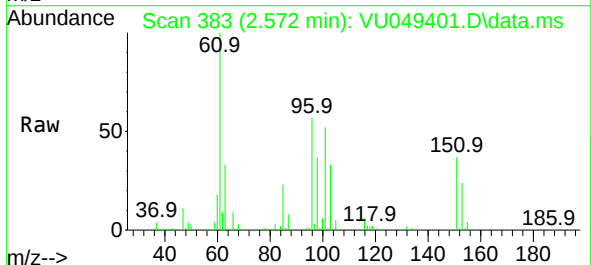
Tgt Ion: 59 Resp: 541339
Ion Ratio Lower Upper
59 100
57 6.3 30.6 45.8

Manual Integrations
APPROVED

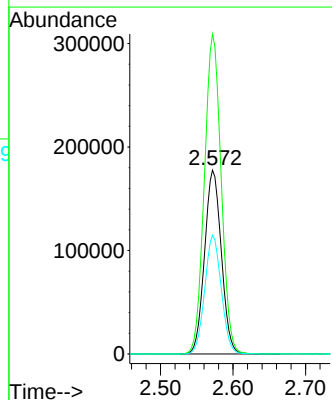
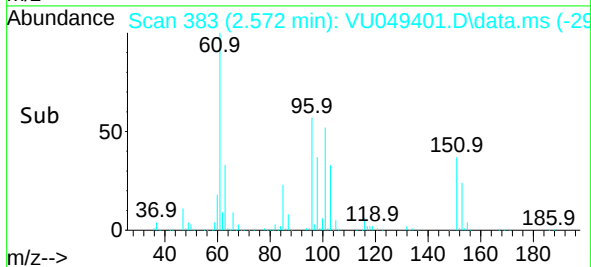
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

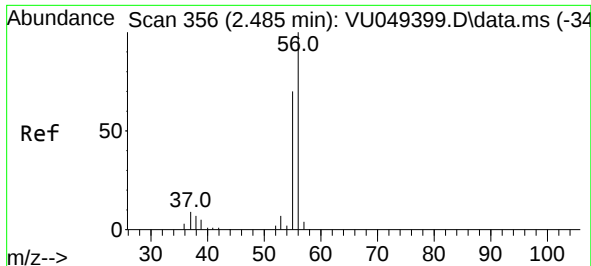


#12
1,1-Dichloroethene
Concen: 150.441 ug/l
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



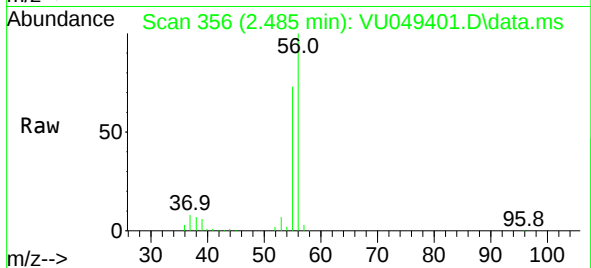
Tgt Ion: 96 Resp: 285200
Ion Ratio Lower Upper
96 100
61 174.0 122.2 183.2
98 64.5 50.7 76.1





#13
Acrolein
Concen: 768.769 ug/l
RT: 2.485 min Scan# 313124
Delta R.T. -0.013 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

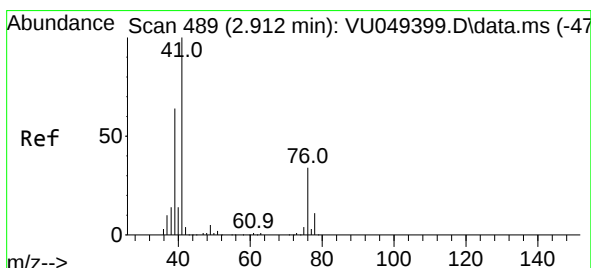
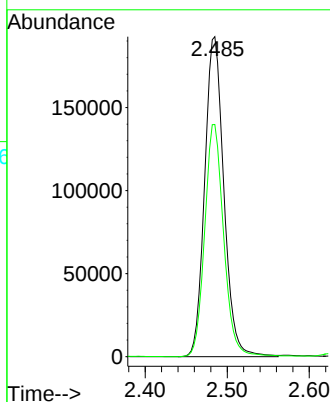
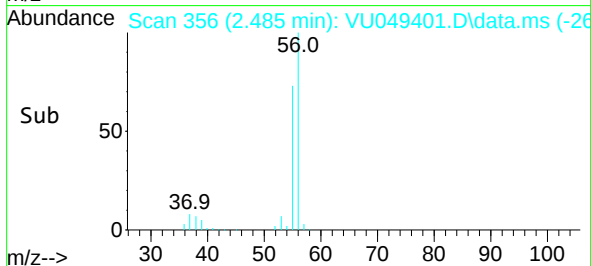
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 313124
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

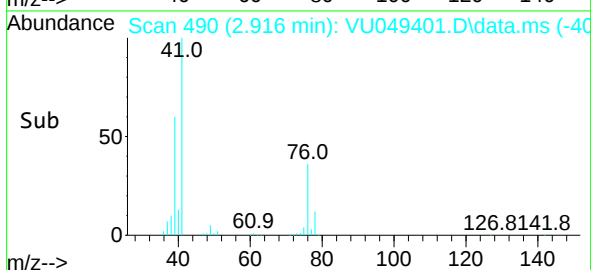
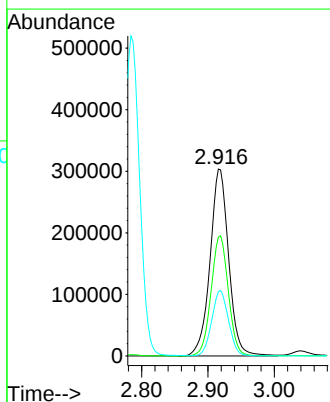
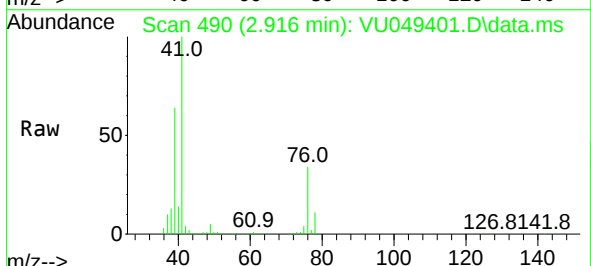
Manual Integrations
APPROVED

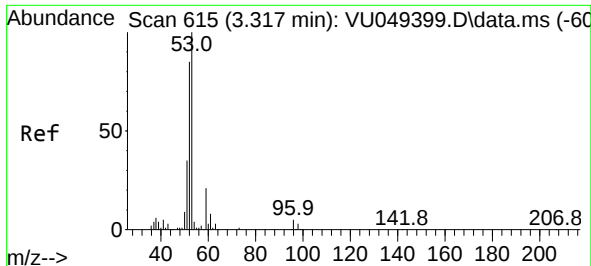
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#14
Allyl chloride
Concen: 155.155 ug/l
RT: 2.916 min Scan# 490
Delta R.T. -0.013 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

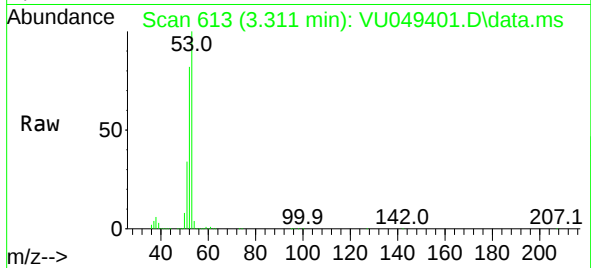
Tgt Ion: 41 Resp: 592934
Ion Ratio Lower Upper
41 100
39 59.5 53.4 80.2
76 31.3 33.8 50.6#





#15
Acrylonitrile
Concen: 773.541 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.016 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

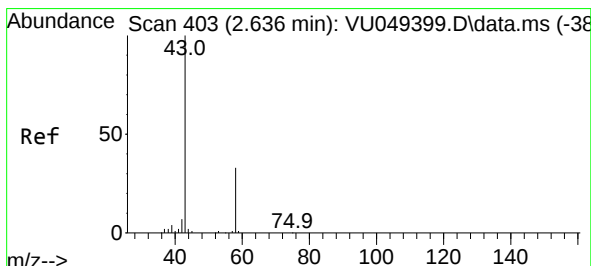
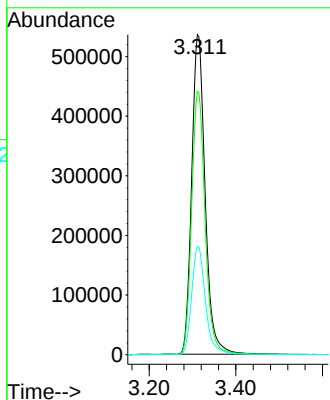
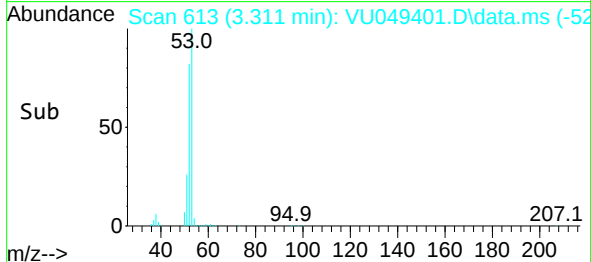


Tgt Ion: 53 Resp: 115468

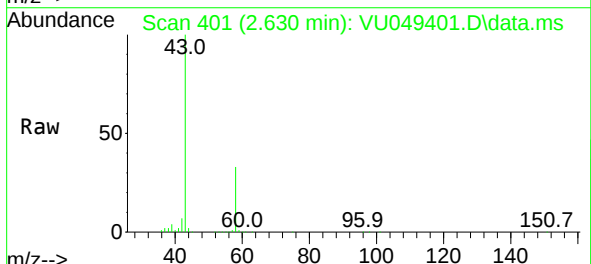
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.7	98.5
51	34.6	28.2	42.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

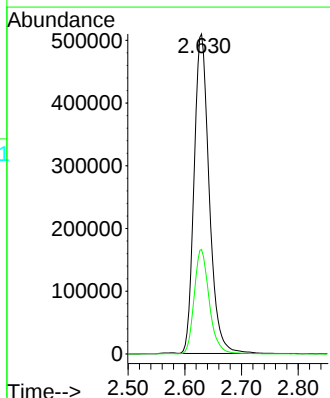
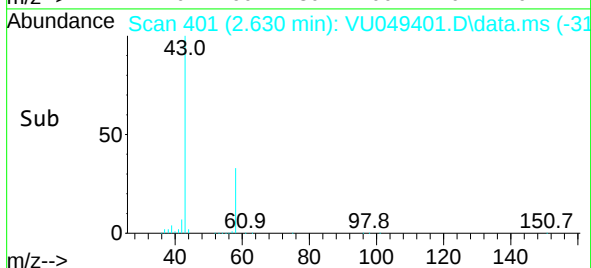


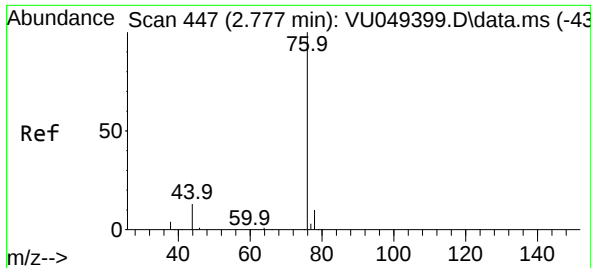
#16
Acetone
Concen: 765.052 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.022 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion: 43 Resp: 942934

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.5	41.3





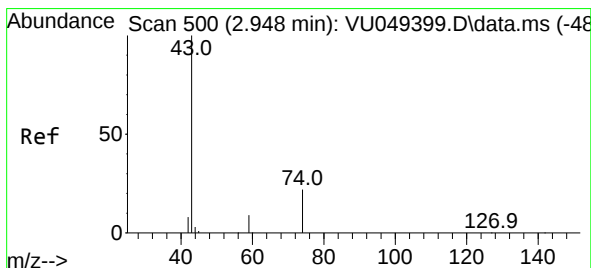
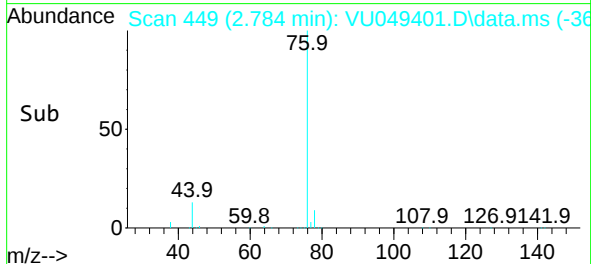
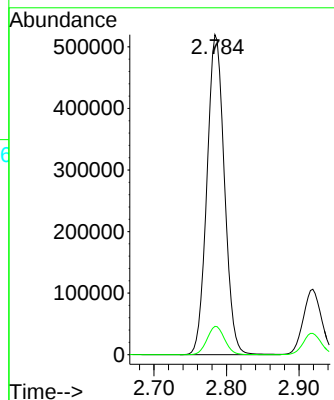
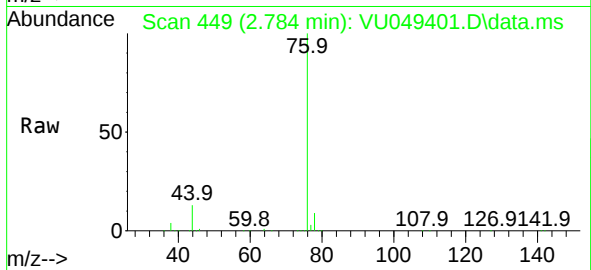
#17
Carbon Disulfide
Concen: 152.924 ug/l
RT: 2.784 min Scan# 447
Delta R.T. -0.016 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 869209
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

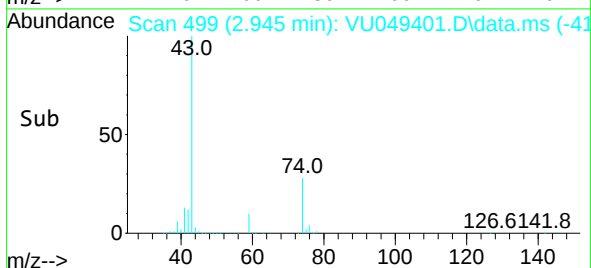
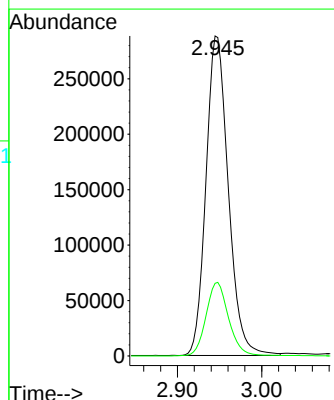
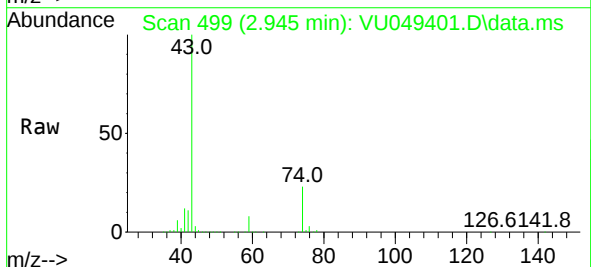
Manual Integrations
APPROVED

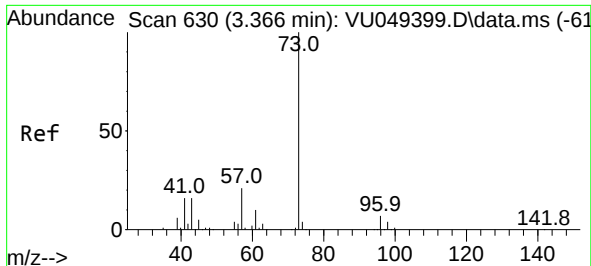
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 151.807 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.013 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

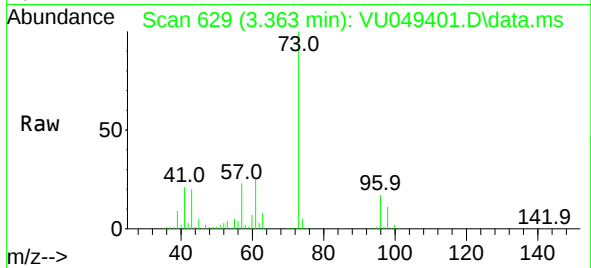
Tgt Ion: 43 Resp: 531558
Ion Ratio Lower Upper
43 100
74 23.4 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 152.197 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

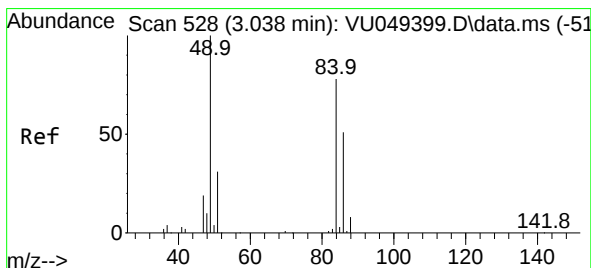
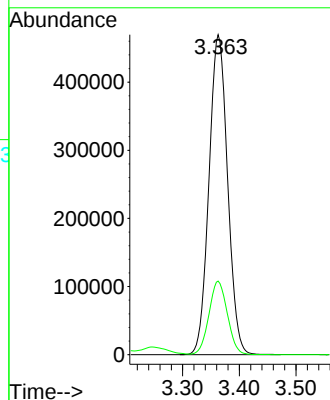
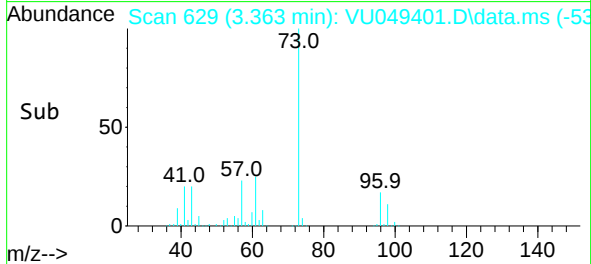
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 107149
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7

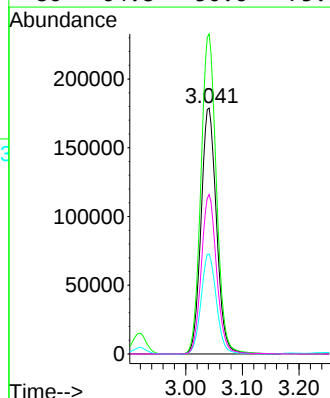
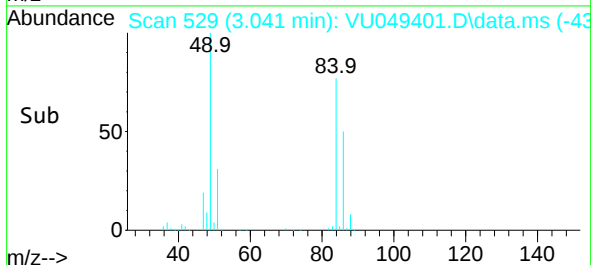
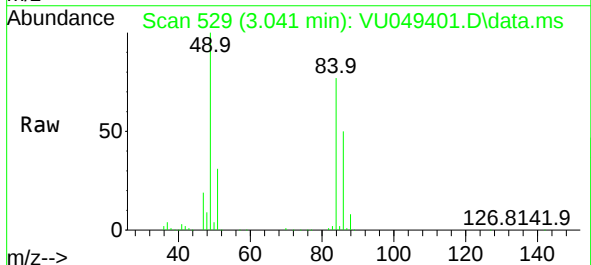
Manual Integrations
APPROVED

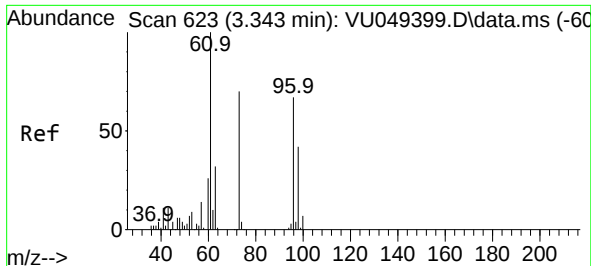
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 148.972 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.010 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

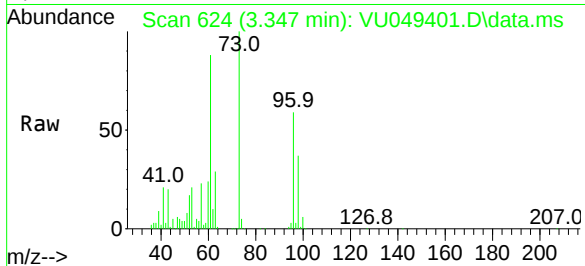
Tgt Ion: 84 Resp: 338469
Ion Ratio Lower Upper
84 100
49 130.1 86.6 129.8#
51 40.6 26.6 40.0#
86 64.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 147.957 ug/l
RT: 3.347 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

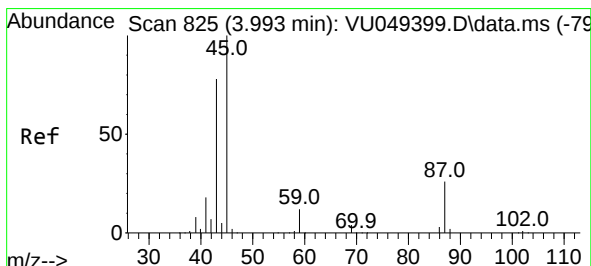
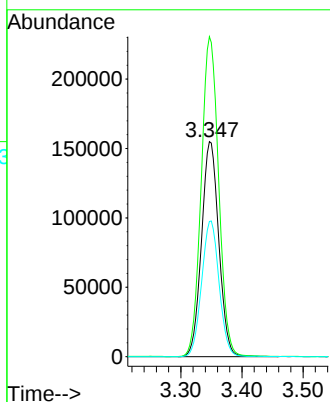
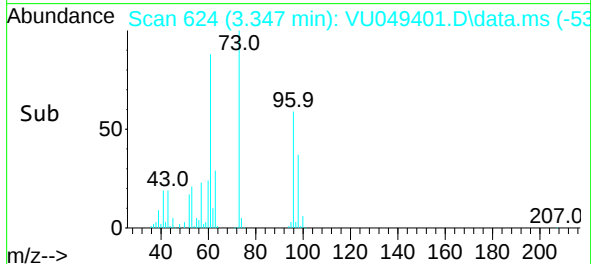
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 303494
Ion Ratio Lower Upper
96 100
61 148.7 106.1 159.1
98 62.9 50.8 76.2

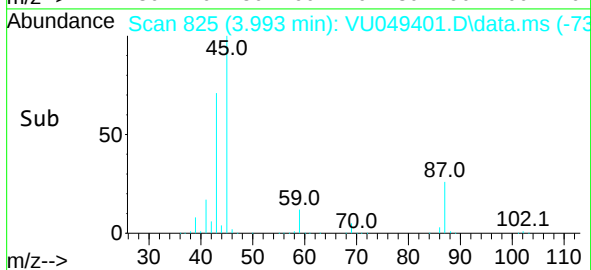
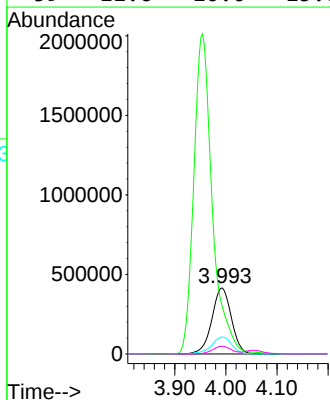
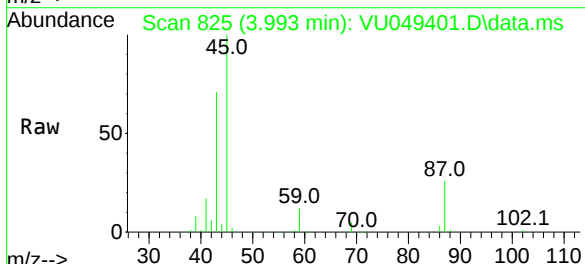
Manual Integrations
APPROVED

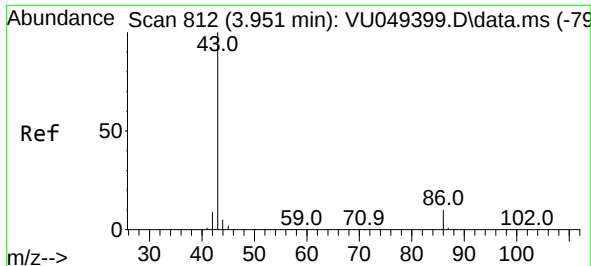
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
Diisopropyl ether
Concen: 148.504 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

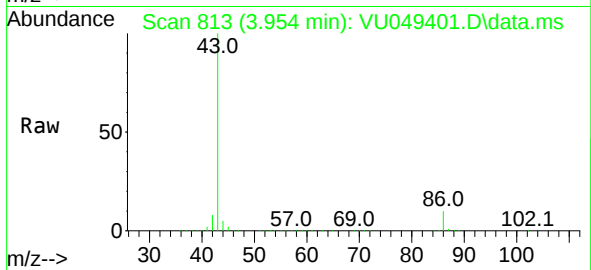
Tgt Ion: 45 Resp: 1100298
Ion Ratio Lower Upper
45 100
43 70.8 92.9 139.3#
87 25.7 26.2 39.2#
59 11.6 10.0 15.0





#23
 Vinyl Acetate
 Concen: 771.243 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

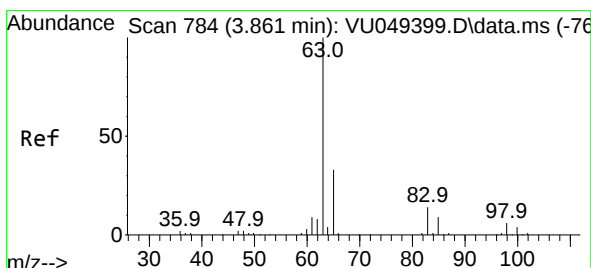
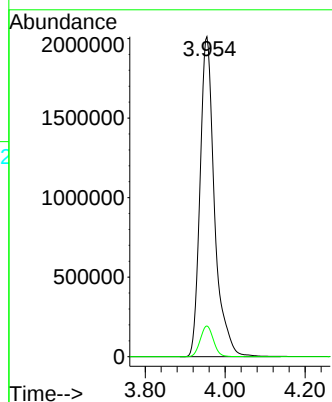
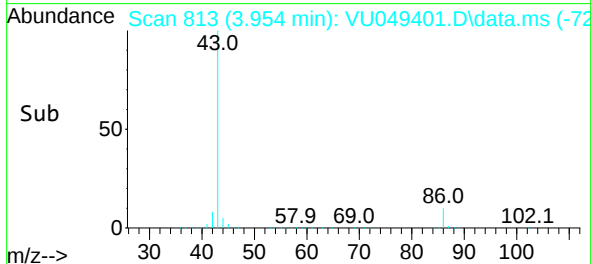
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC150



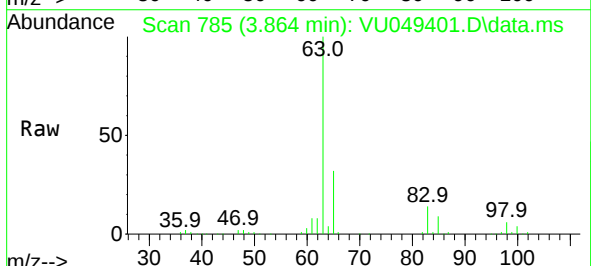
Tgt Ion: 43 Resp: 506261
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.8 14.8

Manual Integrations
 APPROVED

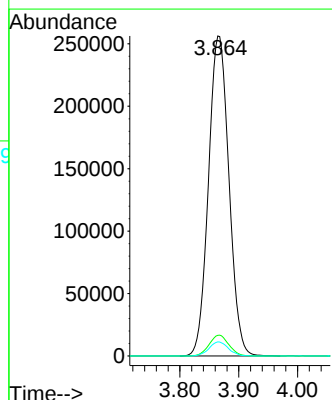
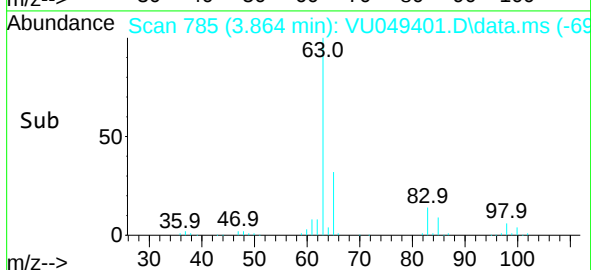
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

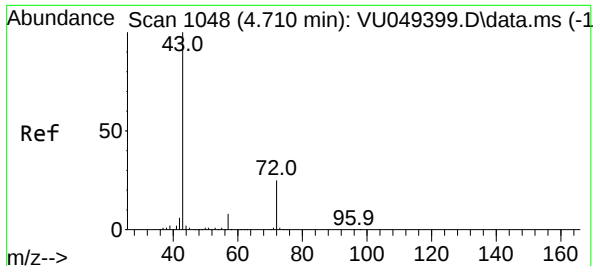


#24
 1,1-Dichloroethane
 Concen: 147.387 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.010 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57



Tgt Ion: 63 Resp: 619122
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 813.129 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.013 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 157696

Ion Ratio Lower Upper

43 100

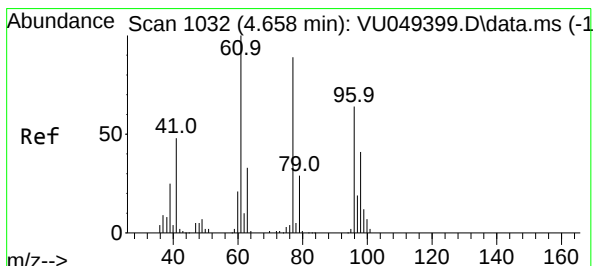
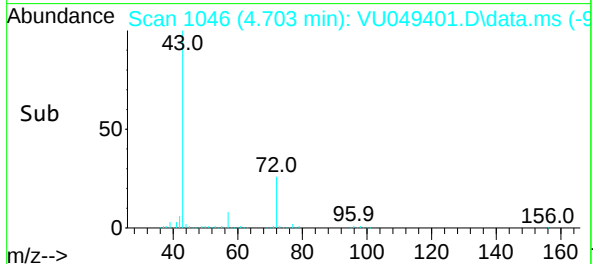
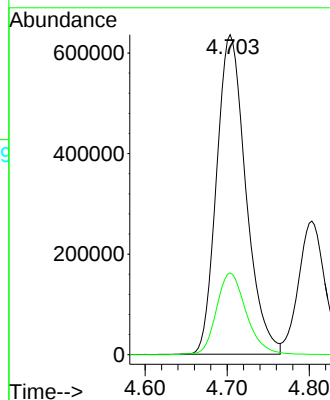
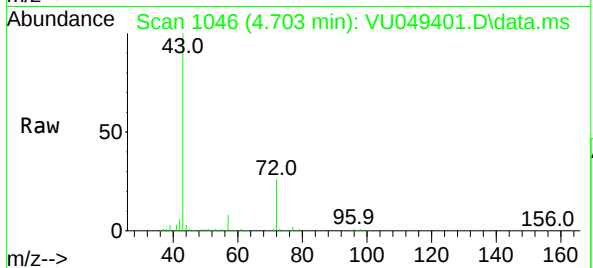
72 25.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#26

2,2-Dichloropropane

Concen: 148.911 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.010 min

Lab File: VU049401.D

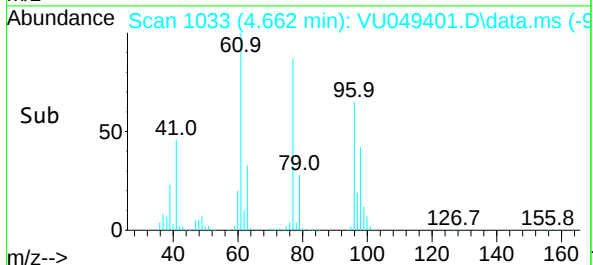
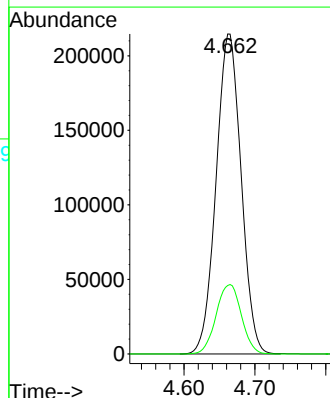
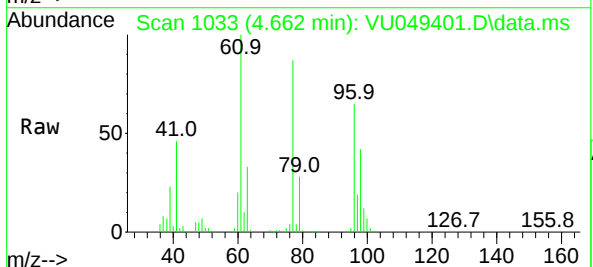
Acq: 27 Jun 2022 12:57

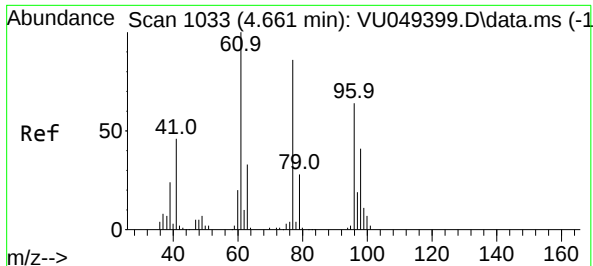
Tgt Ion: 77 Resp: 525701

Ion Ratio Lower Upper

77 100

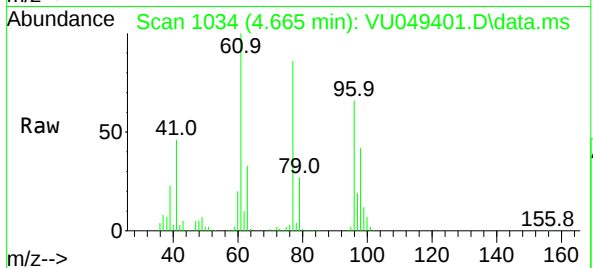
97 21.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 152.502 ug/l
 RT: 4.665 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

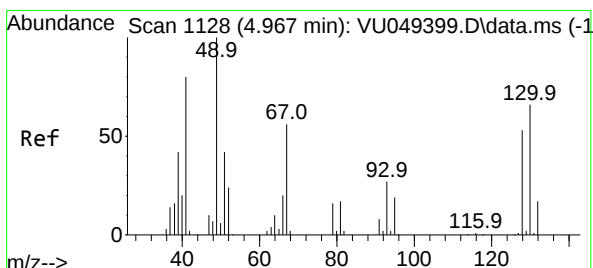
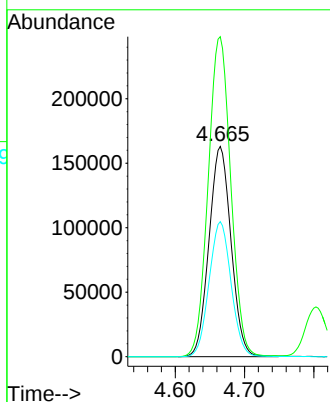
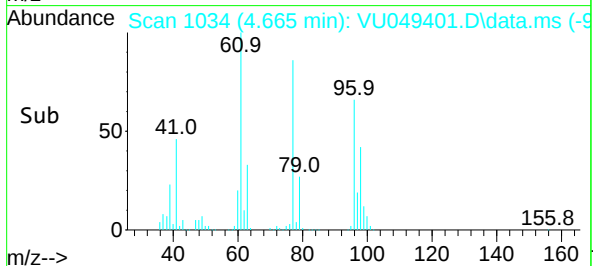
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150



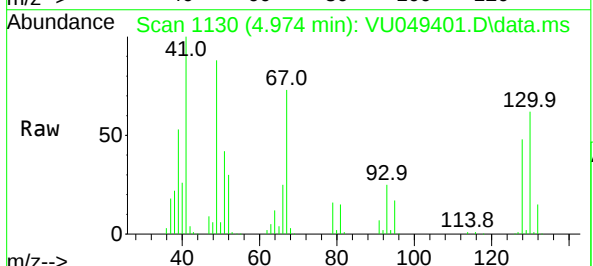
Tgt Ion: 96 Resp: 359820
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 271.6
 98 64.1 0.0 128.2

Manual Integrations
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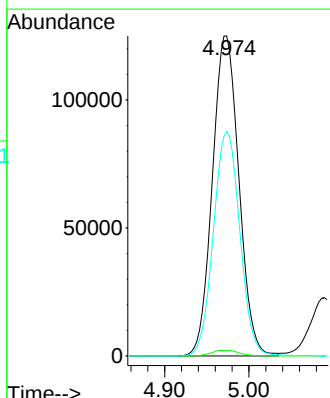
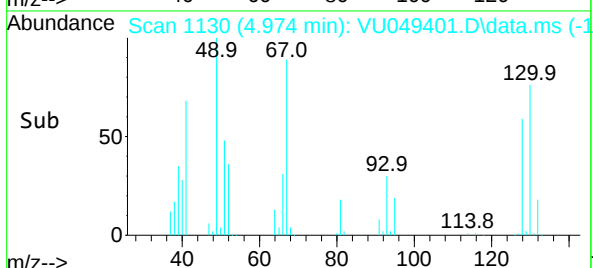
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

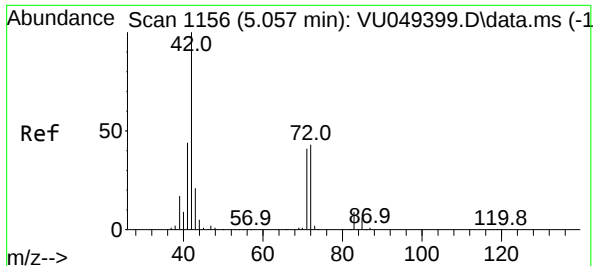


#28
 Bromochloromethane
 Concen: 144.538 ug/l
 RT: 4.974 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57



Tgt Ion: 49 Resp: 273199
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 70.0 76.9 115.3#





#29

Tetrahydrofuran

Concen: 773.936 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.013 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 103674

Ion Ratio Lower Upper

42 100

72 43.4 42.6 63.8

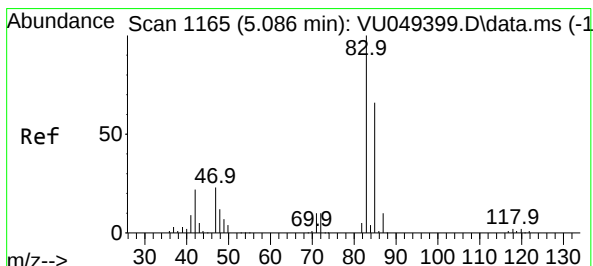
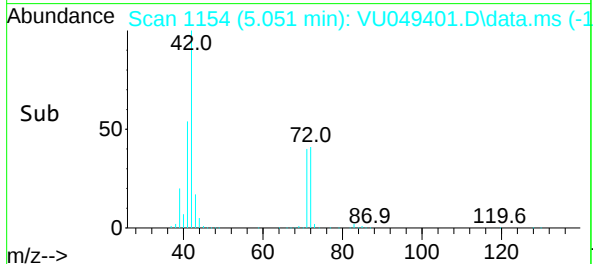
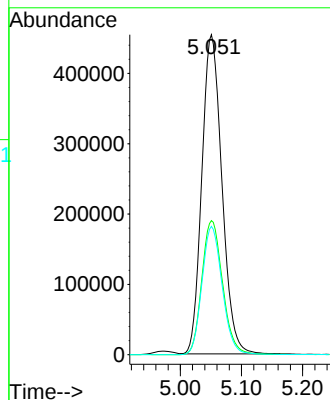
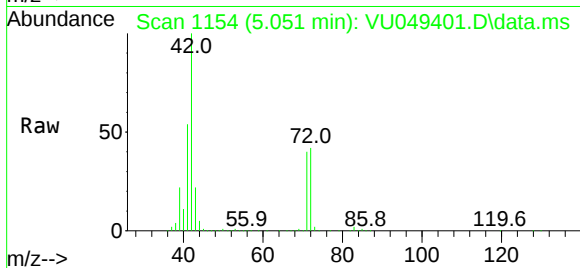
71 40.5 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 147.855 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049401.D

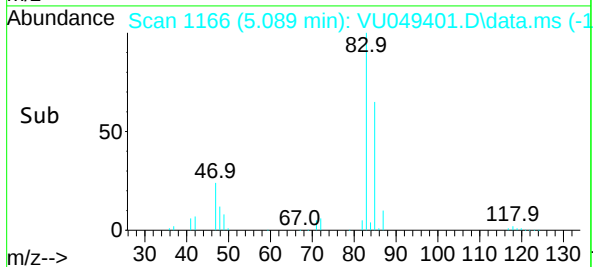
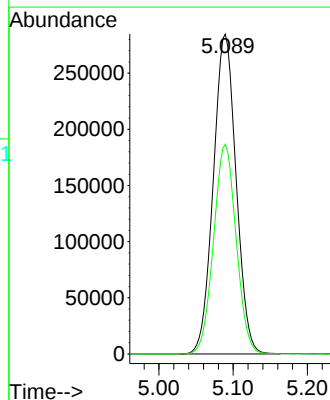
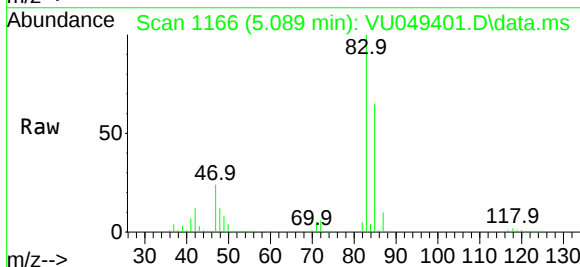
Acq: 27 Jun 2022 12:57

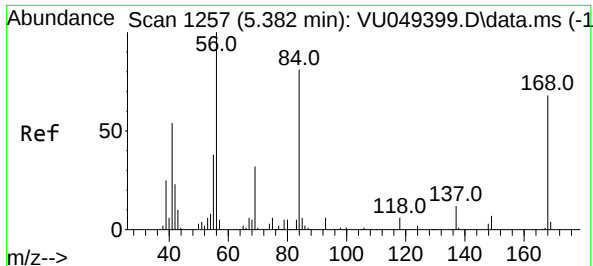
Tgt Ion: 83 Resp: 607980

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8





#31

Cyclohexane

Concen: 145.293 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

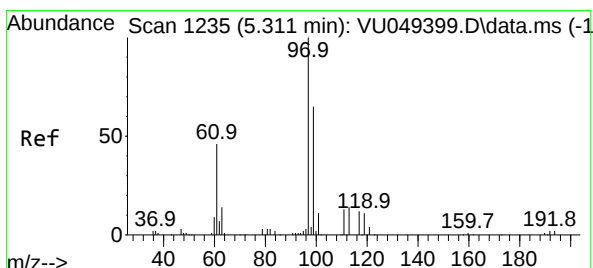
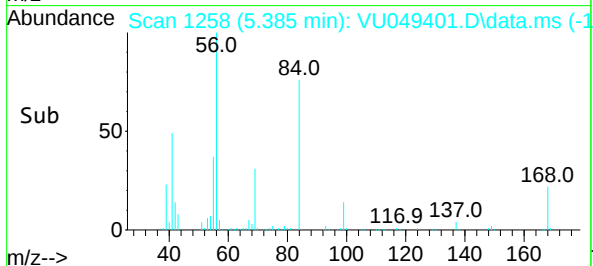
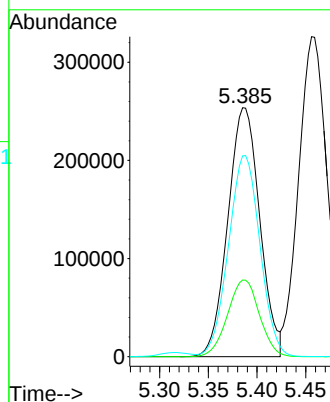
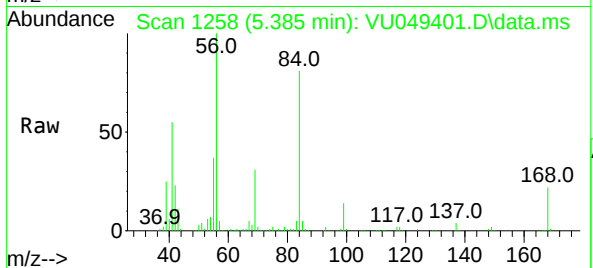
Tgt Ion:	56	Resp:	578924
Ion Ratio	Lower	Upper	
56	100		
69	30.8	27.8	41.8
84	79.1	74.2	111.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 146.076 ug/l

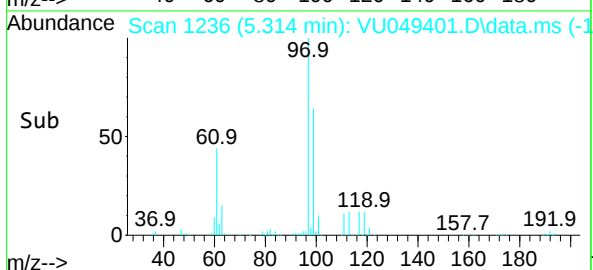
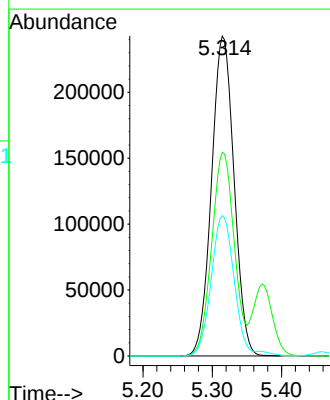
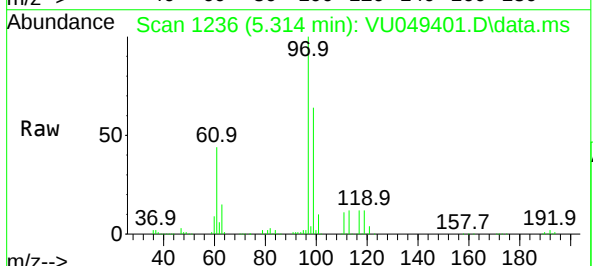
RT: 5.314 min Scan# 1236

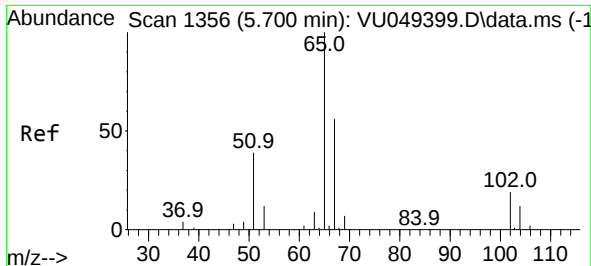
Delta R.T. -0.006 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

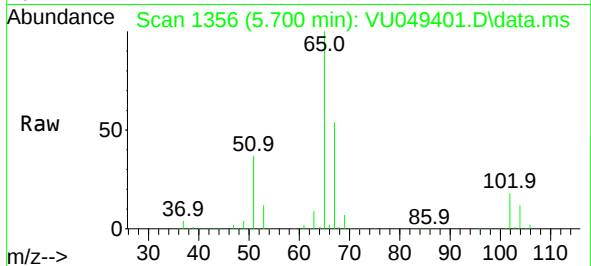
Tgt Ion:	97	Resp:	547256
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.6
61	44.4	35.1	52.7





#33
1,2-Dichloroethane-d4
Concen: 145.093 ug/l
RT: 5.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

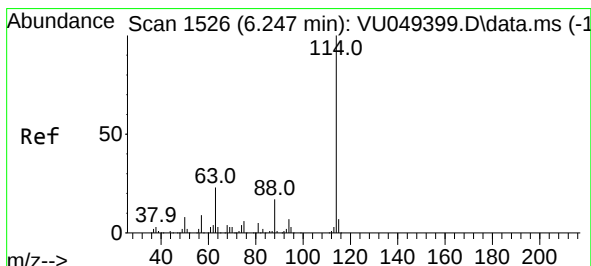
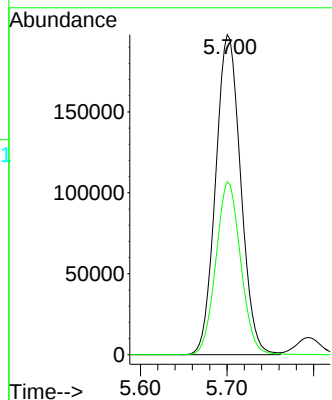
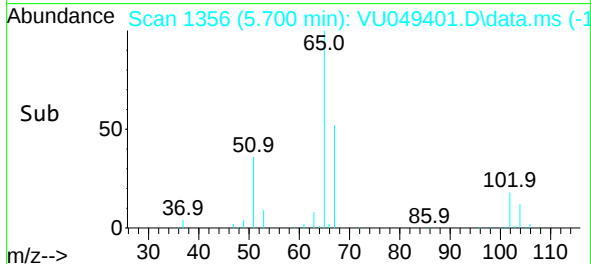
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



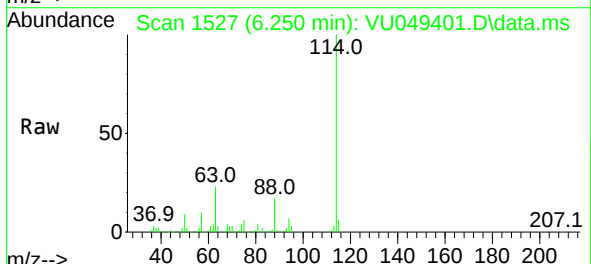
Tgt Ion: 65 Resp: 39744
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0

Manual Integrations
APPROVED

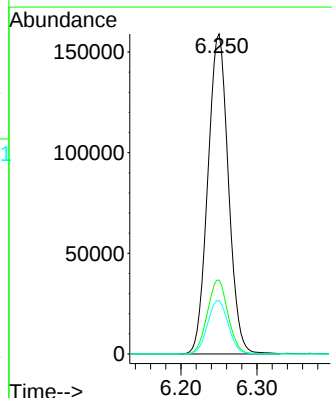
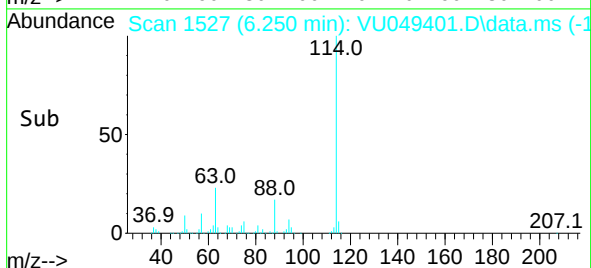
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

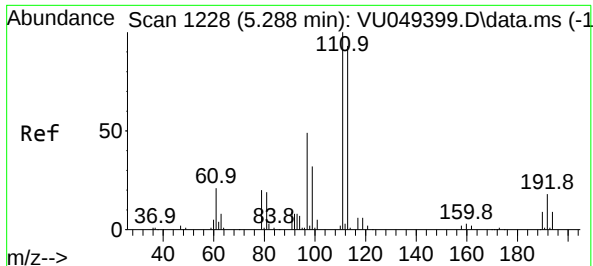


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion:114 Resp: 297970
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 143.604 ug/l

RT: 5.289 min Scan# 113

Delta R.T. -0.003 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 30361

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

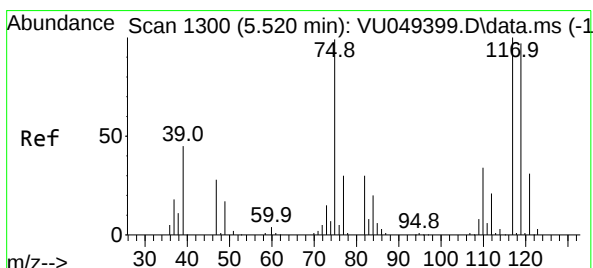
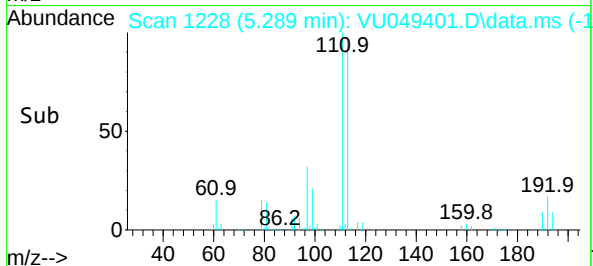
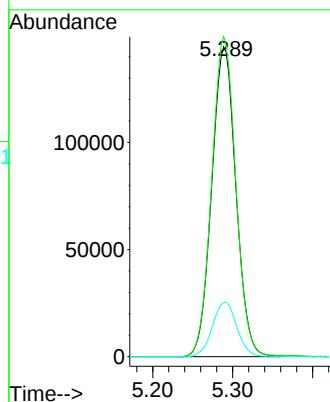
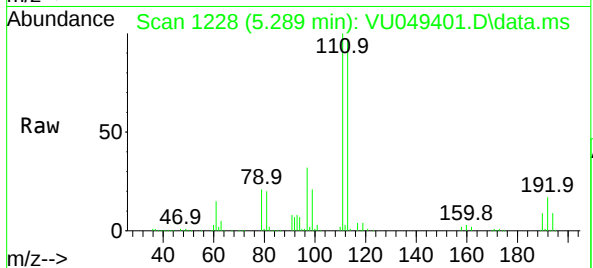
192 17.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#36

1,1-Dichloropropene

Concen: 149.936 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

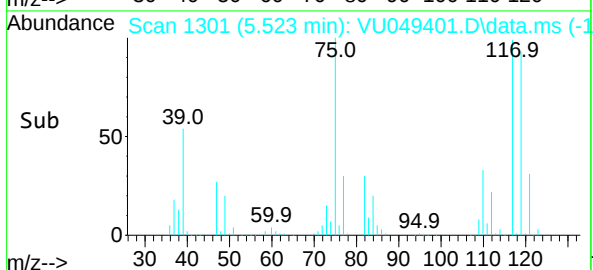
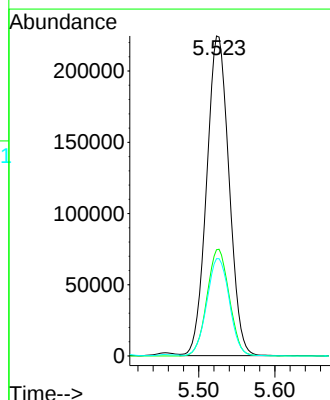
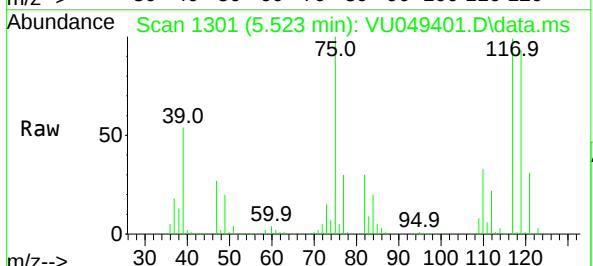
Tgt Ion: 75 Resp: 458662

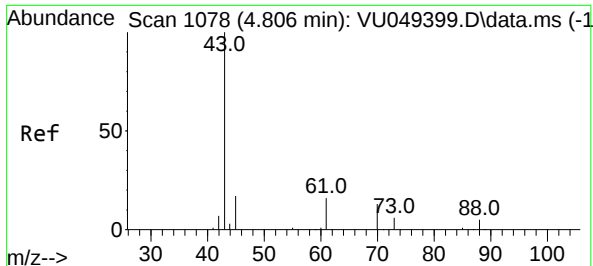
Ion Ratio Lower Upper

75 100

110 33.3 18.4 55.2

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 134.566 ug/l

RT: 4.803 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 60255

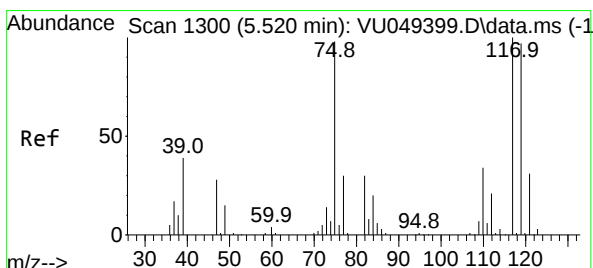
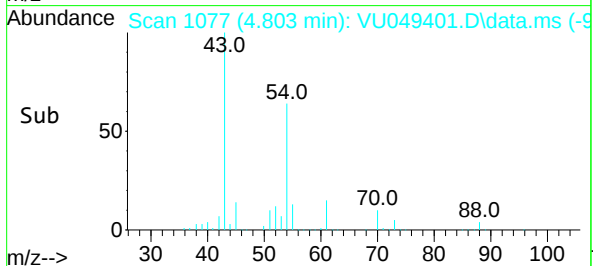
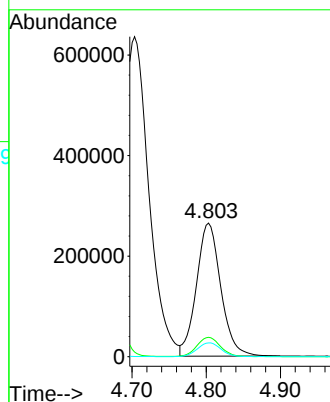
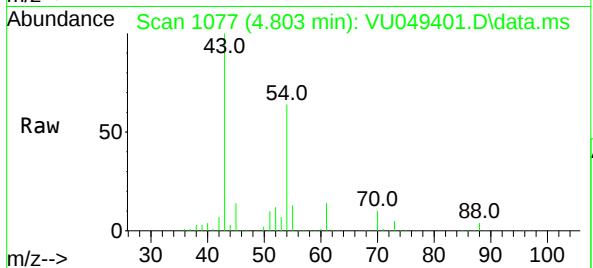
Ion	Ratio	Lower	Upper
43	100		
61	13.8	9.5	14.3
70	10.2	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Carbon Tetrachloride

Concen: 146.886 ug/l

RT: 5.523 min Scan# 1301

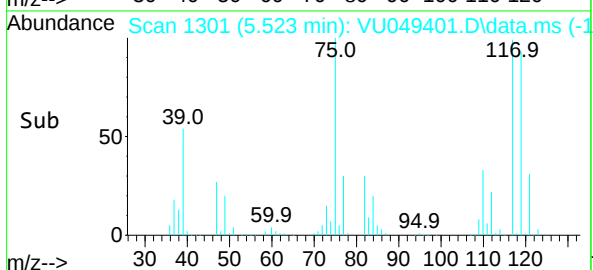
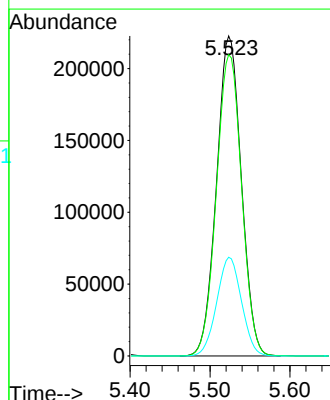
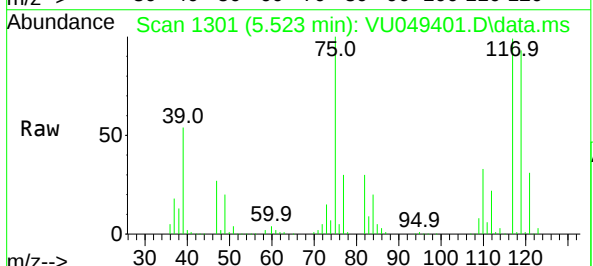
Delta R.T. -0.006 min

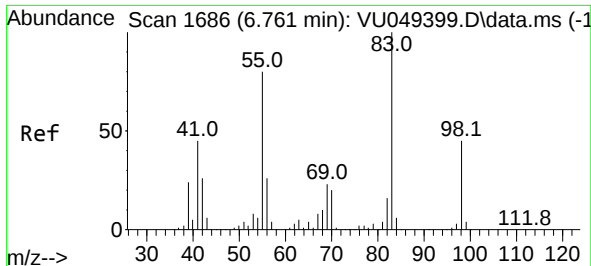
Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Tgt Ion:117 Resp: 478729

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.8	115.2
121	30.8	24.7	37.1





#39

Methylcyclohexane

Concen: 149.485 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 575340

Ion Ratio Lower Upper

83 100

55 80.4 55.3 82.9

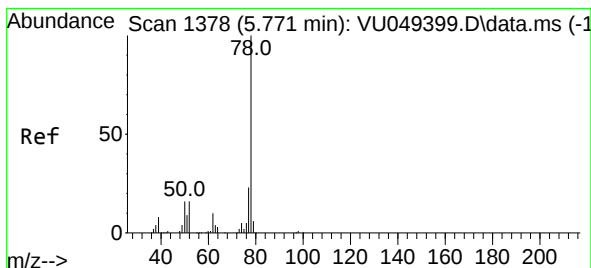
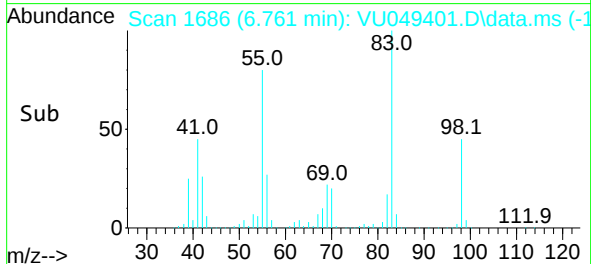
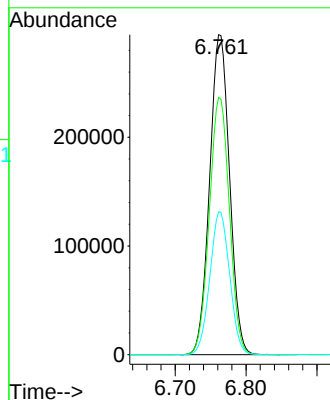
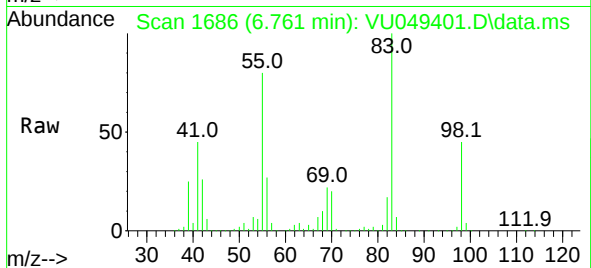
98 44.7 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 146.745 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VU049401.D

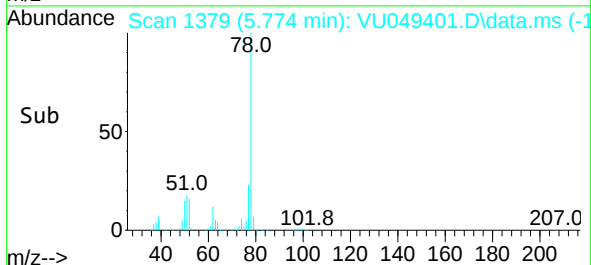
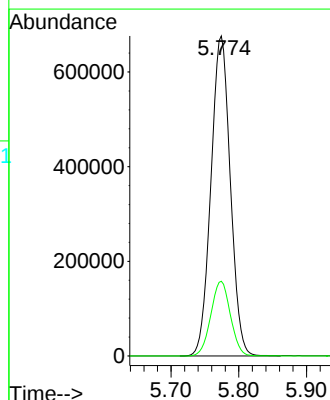
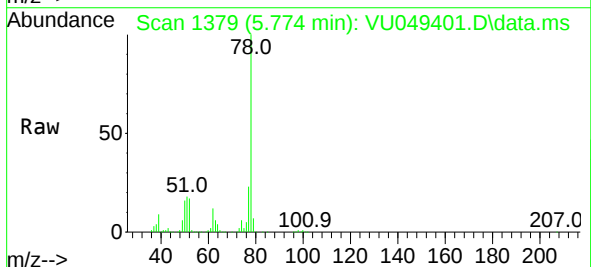
Acq: 27 Jun 2022 12:57

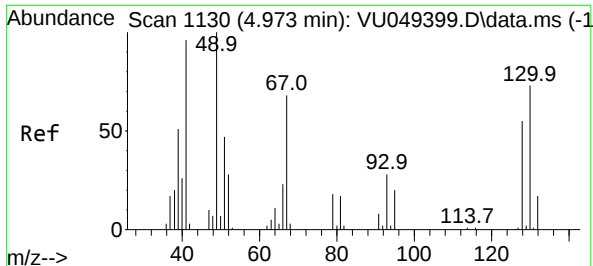
Tgt Ion: 78 Resp: 1343531

Ion Ratio Lower Upper

78 100

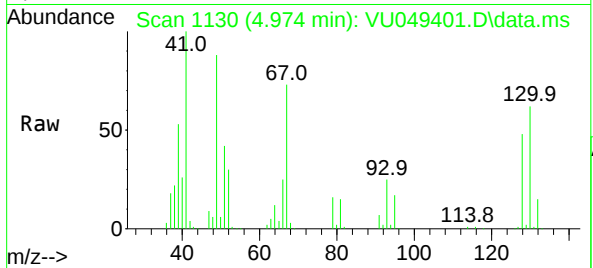
77 23.4 18.8 28.2





#41
Methacrylonitrile
Concen: 156.496 ug/l
RT: 4.974 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

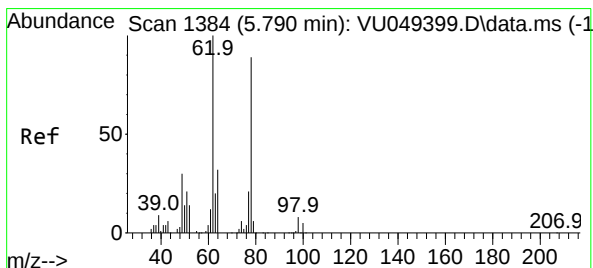
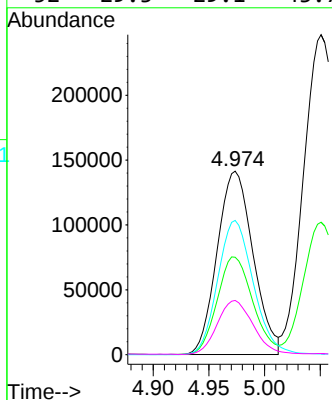
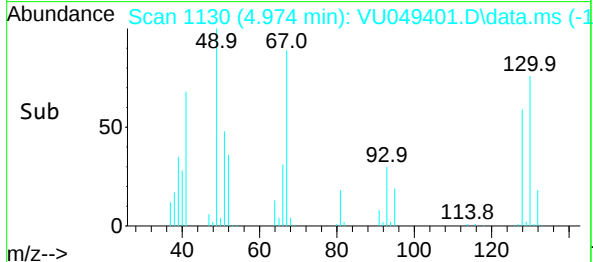
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



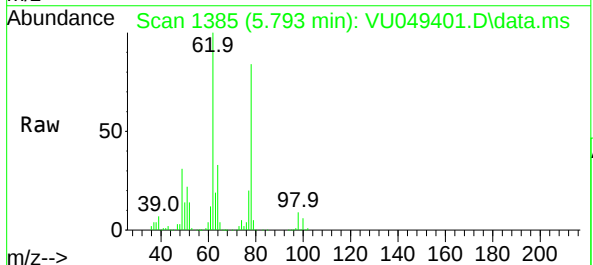
Tgt Ion: 41 Resp: 317670
Ion Ratio Lower Upper
41 100
39 52.7 43.1 64.7
67 73.1 72.3 108.5
52 29.3 29.1 43.7

Manual Integrations
APPROVED

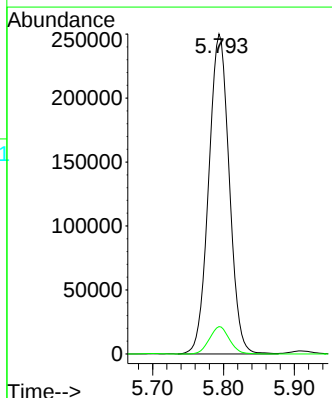
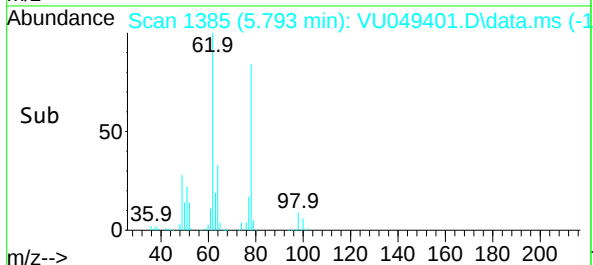
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

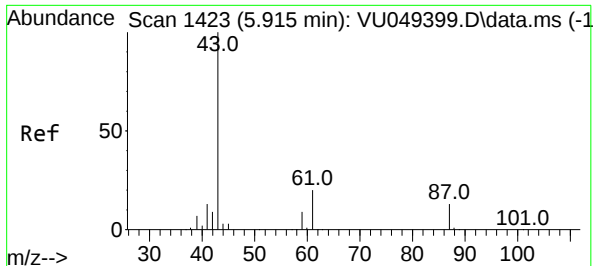


#42
1,2-Dichloroethane
Concen: 145.907 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



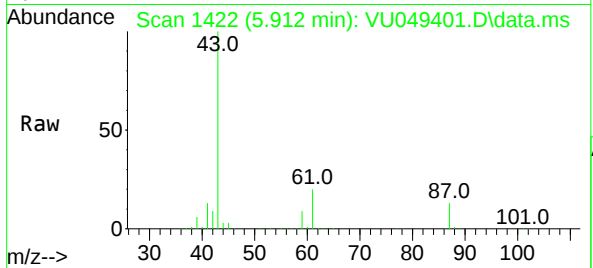
Tgt Ion: 62 Resp: 503108
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 154.102 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

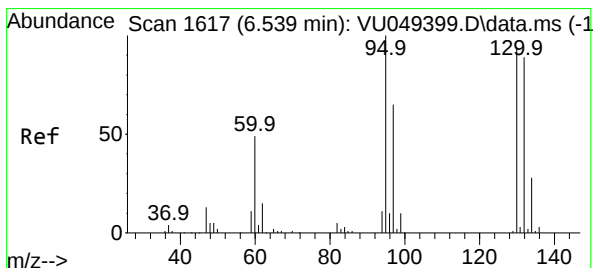
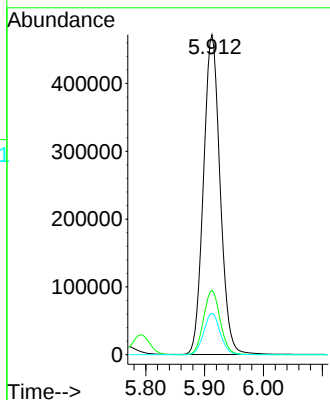
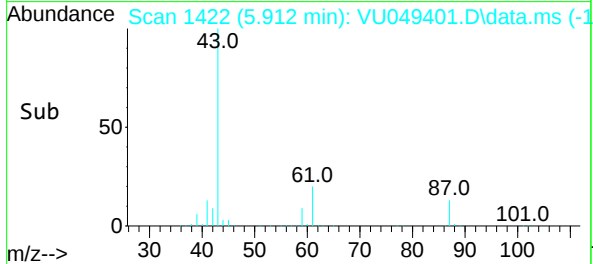
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



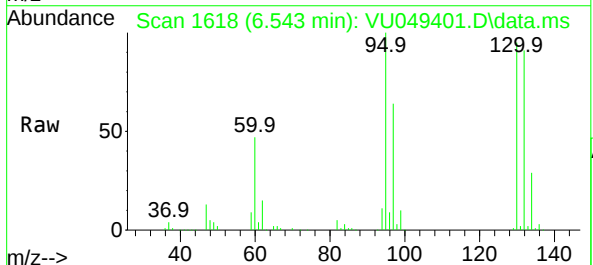
Tgt Ion: 43 Resp: 92492
Ion Ratio Lower Upper
43 100
61 20.2 17.4 26.0
87 12.9 12.6 18.8

Manual Integrations
APPROVED

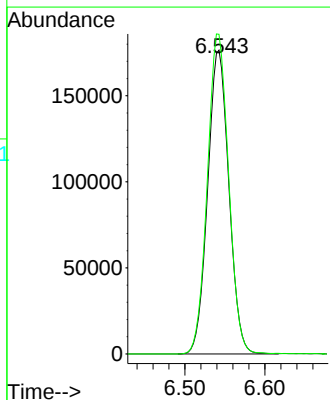
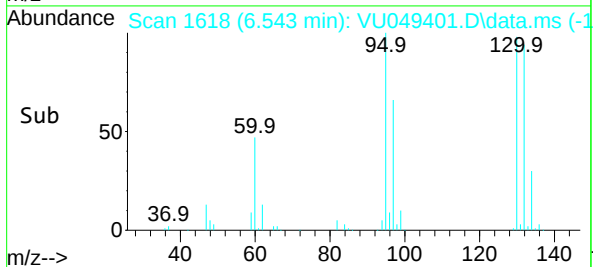
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

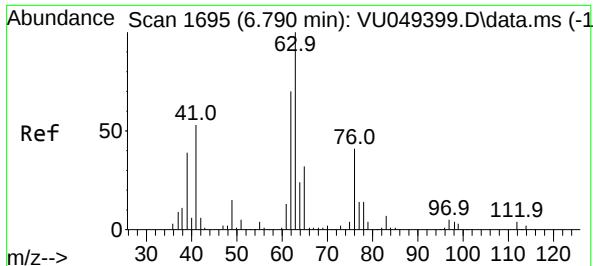


#44
Trichloroethene
Concen: 149.948 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion:130 Resp: 324674
Ion Ratio Lower Upper
130 100
95 105.2 0.0 184.6





#45

1,2-Dichloropropane

Concen: 148.467 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.003 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 37081

Ion Ratio Lower Upper

63 100

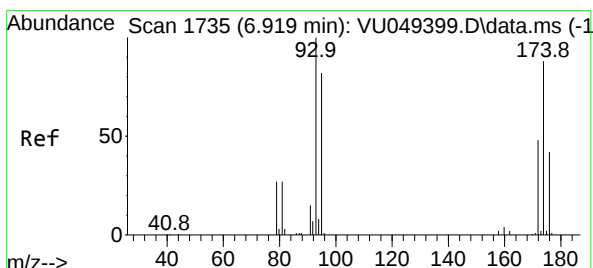
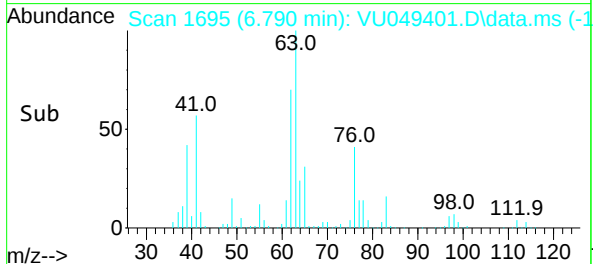
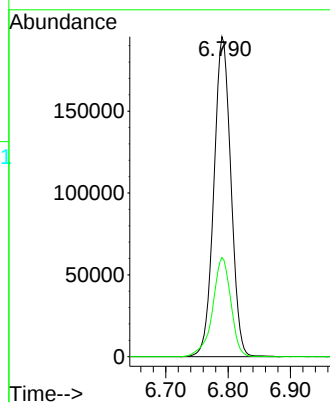
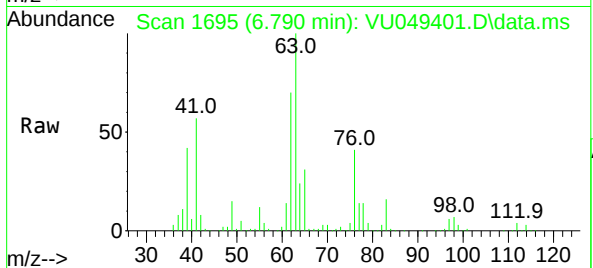
65 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 147.059 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

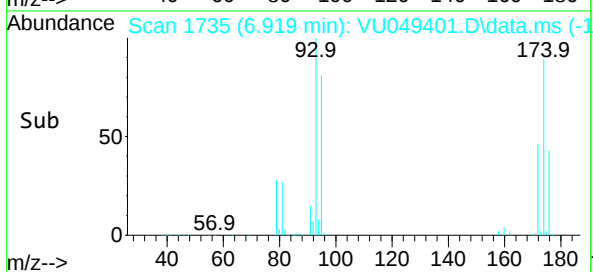
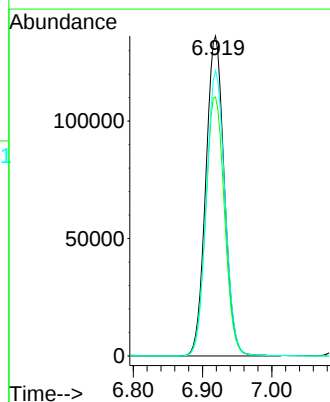
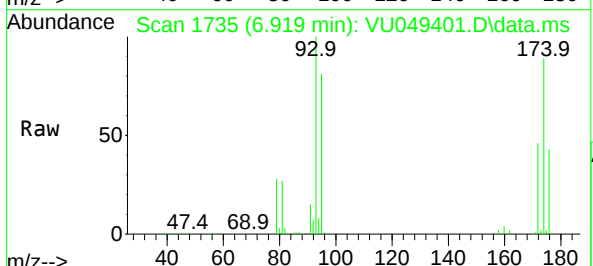
Tgt Ion: 93 Resp: 251958

Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

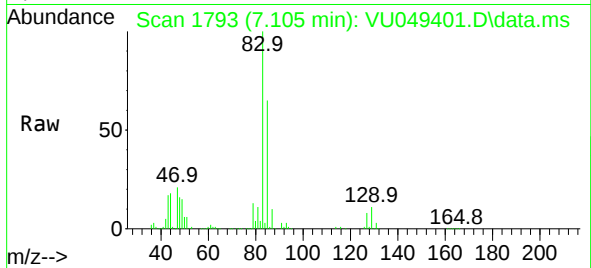
174 90.0 88.2 132.4





#47
Bromodichloromethane
Concen: 150.932 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

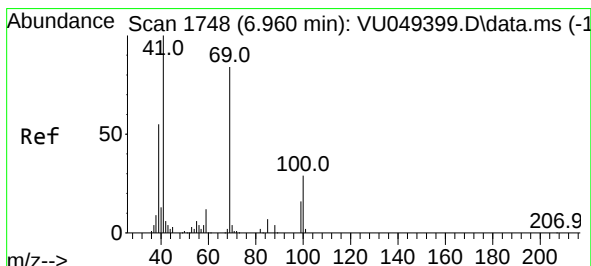
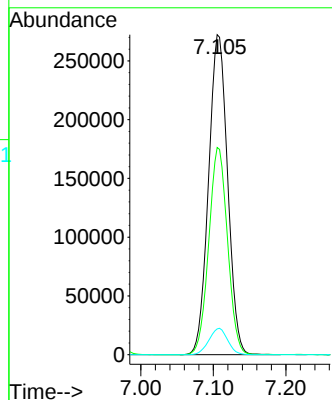
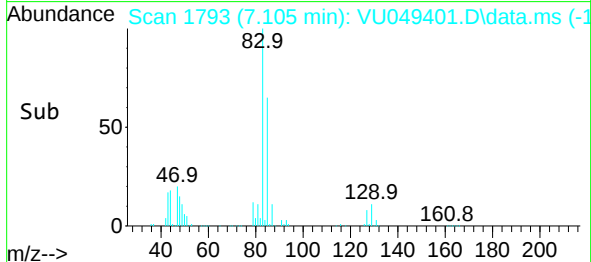
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 496690
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.1 7.1 10.7

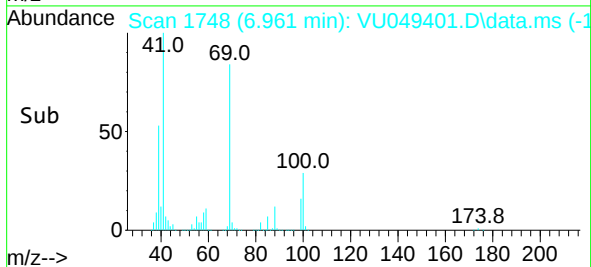
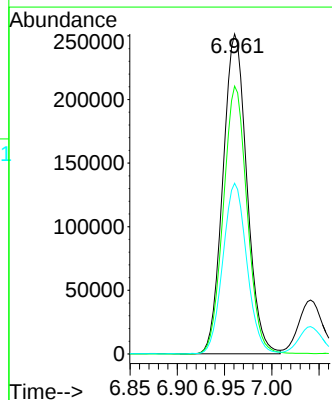
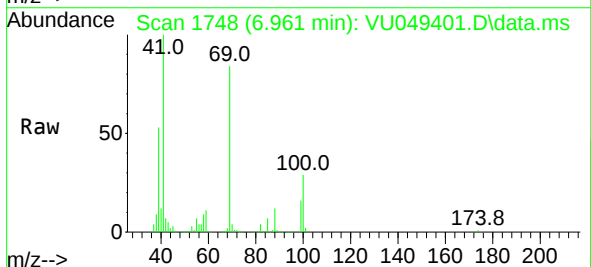
Manual Integrations
APPROVED

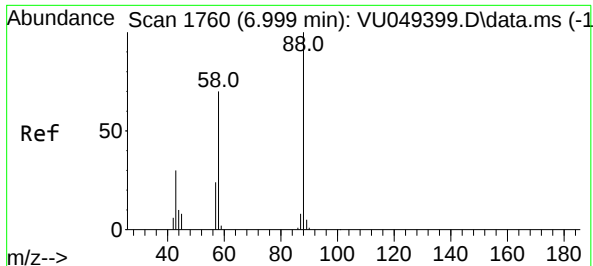
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Methyl methacrylate
Concen: 155.355 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 41 Resp: 443970
Ion Ratio Lower Upper
41 100
69 83.2 79.8 119.6
39 53.3 47.9 71.9





#49

1,4-Dioxane

Concen: 3126.329 ug/l

RT: 6.983 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 212850

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0

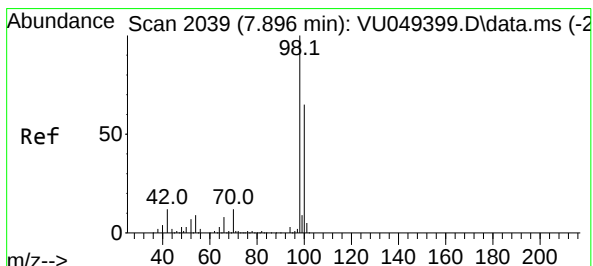
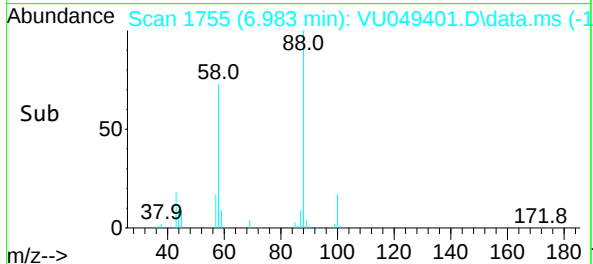
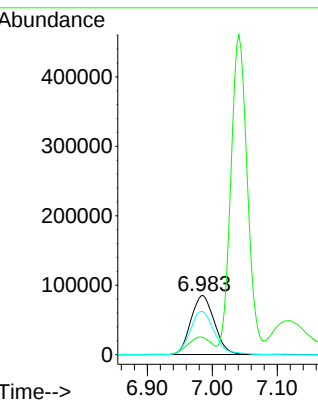
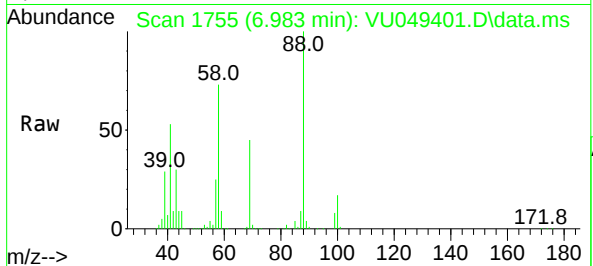
58 76.6 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

Toluene-d8

Concen: 147.433 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU049401.D

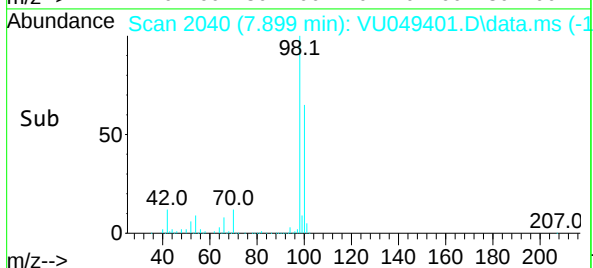
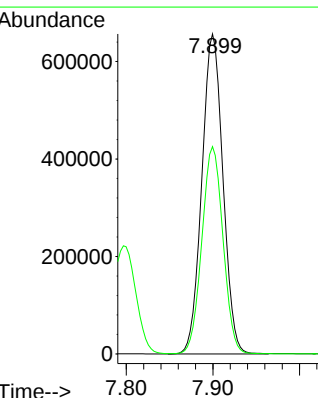
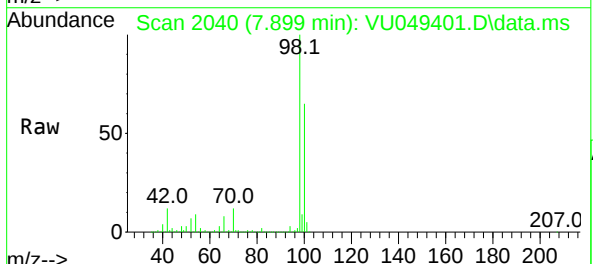
Acq: 27 Jun 2022 12:57

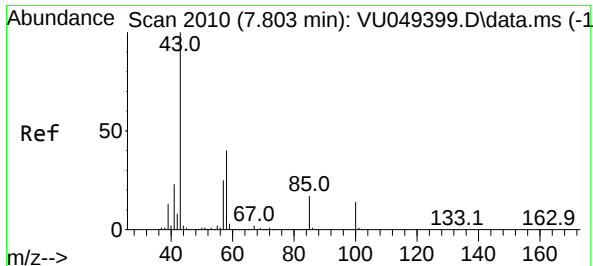
Tgt Ion: 98 Resp: 1111197

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5





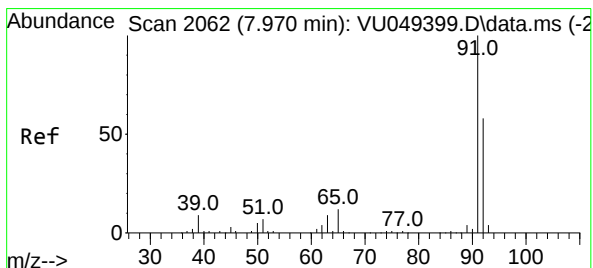
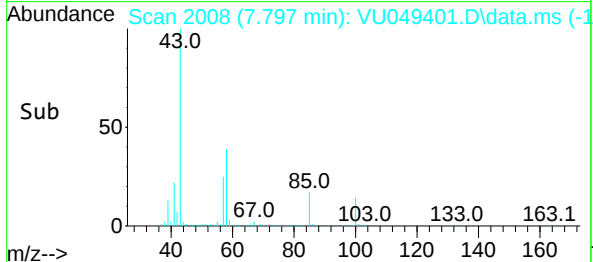
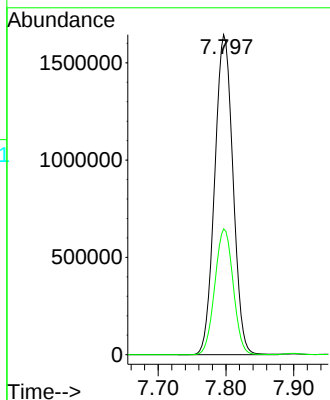
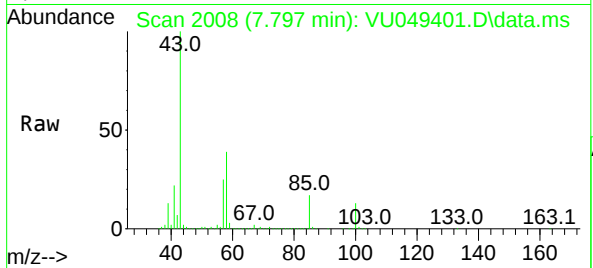
#51
4-Methyl-2-Pentanone
Concen: 755.890 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 308110
Ion Ratio Lower Upper
43 100
58 39.4 34.7 52.1

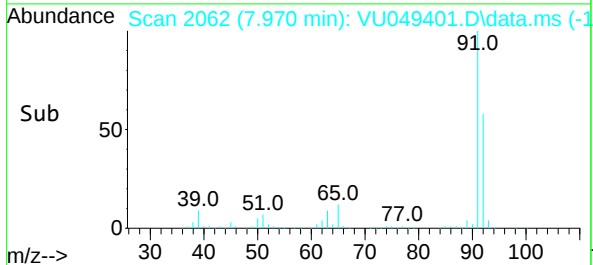
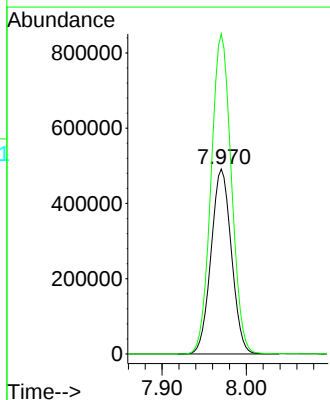
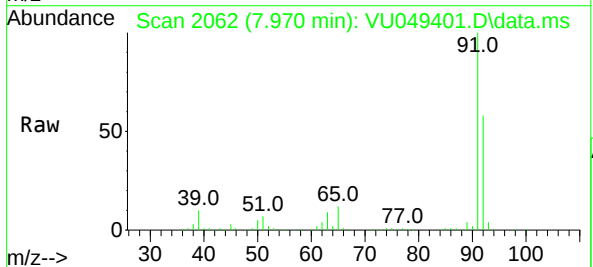
Manual Integrations
APPROVED

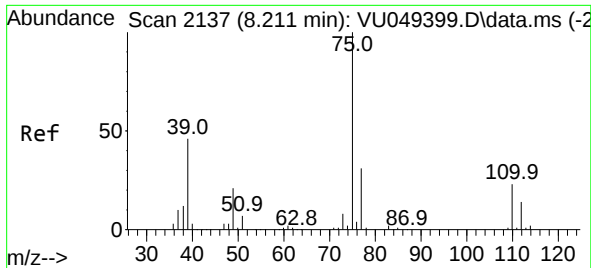
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Toluene
Concen: 151.465 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

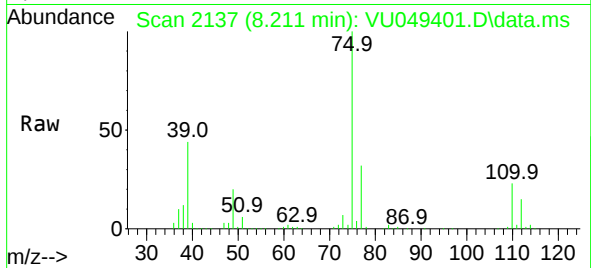
Tgt Ion: 92 Resp: 823583
Ion Ratio Lower Upper
92 100
91 173.0 138.2 207.4





#53
t-1,3-Dichloropropene
Concen: 157.430 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

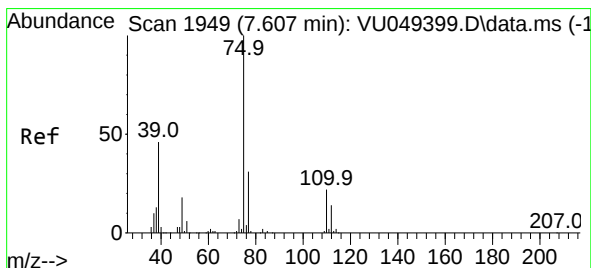
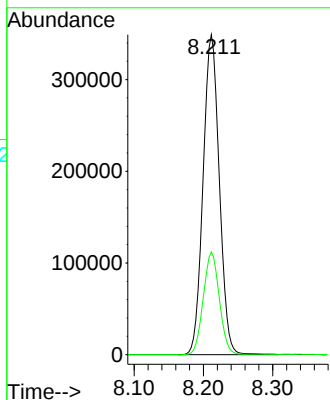
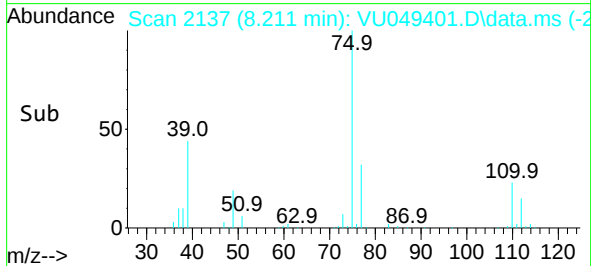
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



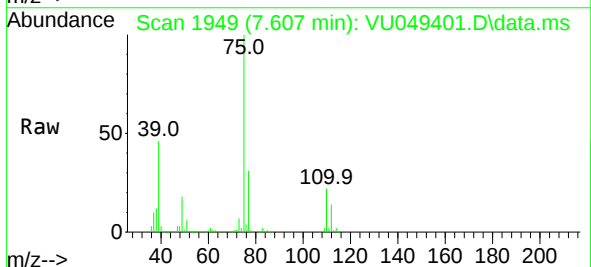
Tgt Ion: 75 Resp: 567089
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

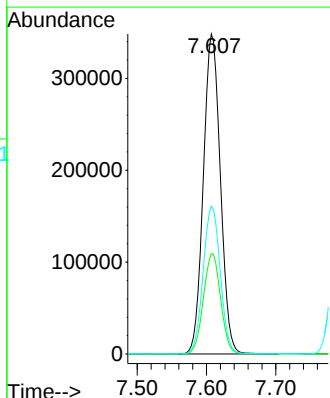
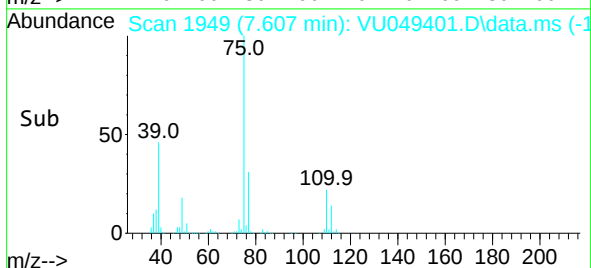
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
cis-1,3-Dichloropropene
Concen: 153.728 ug/l
RT: 7.607 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



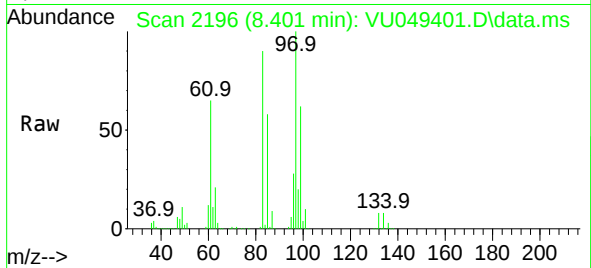
Tgt Ion: 75 Resp: 594512
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 46.2 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 143.896 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

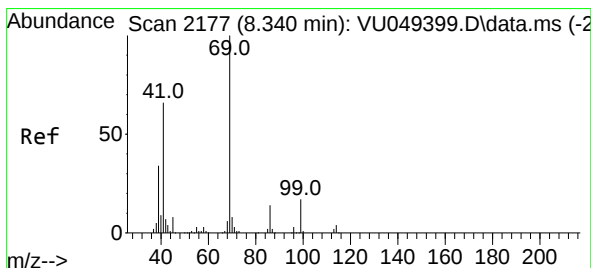
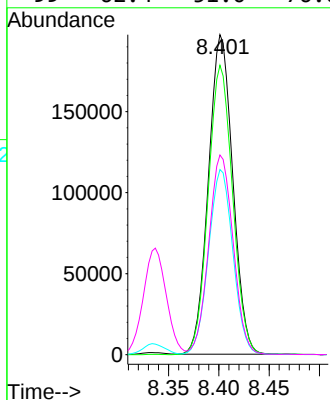
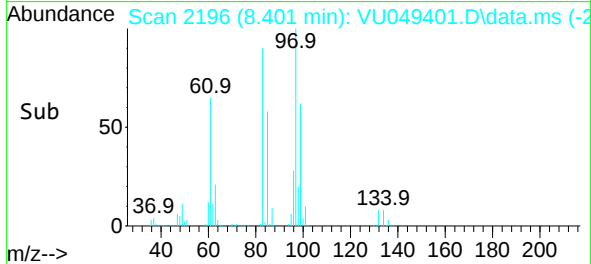
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 33192
Ion Ratio Lower Upper
97 100
83 90.5 70.2 105.4
85 57.8 44.6 66.8
99 62.4 51.0 76.6

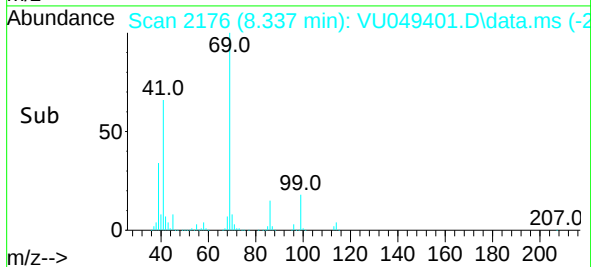
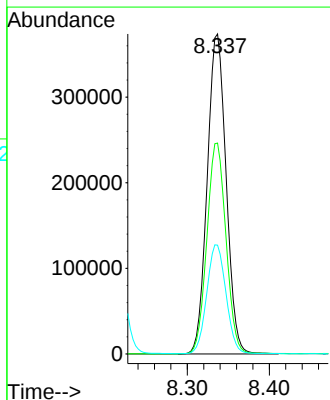
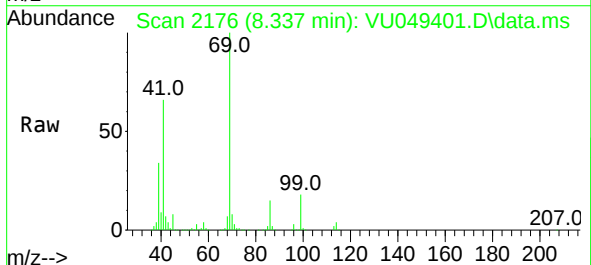
Manual Integrations
APPROVED

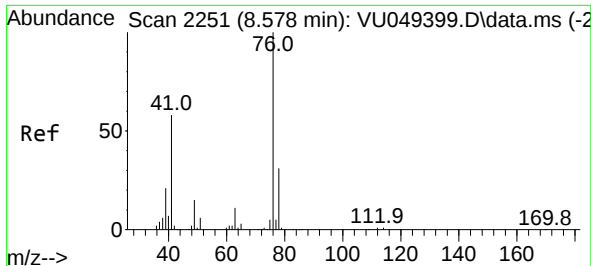
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
Ethyl methacrylate
Concen: 151.415 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 69 Resp: 600724
Ion Ratio Lower Upper
69 100
41 66.6 45.4 68.0
39 34.5 25.7 38.5





#57

1,3-Dichloropropane

Concen: 148.014 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 595302

Ion Ratio Lower Upper

76 100

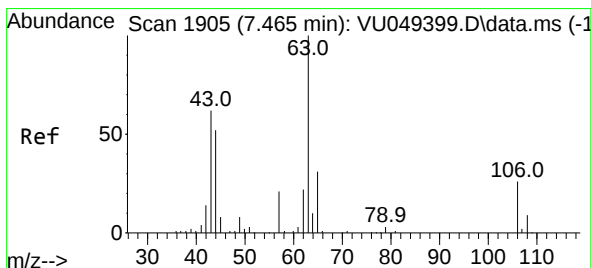
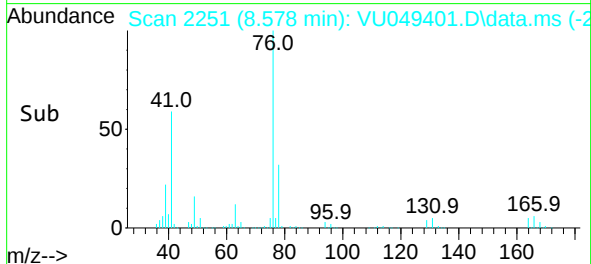
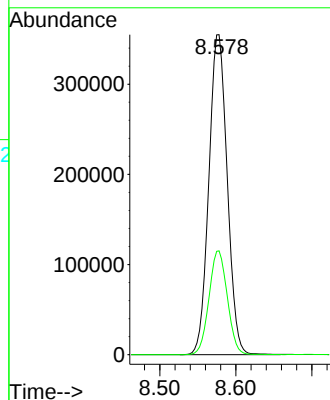
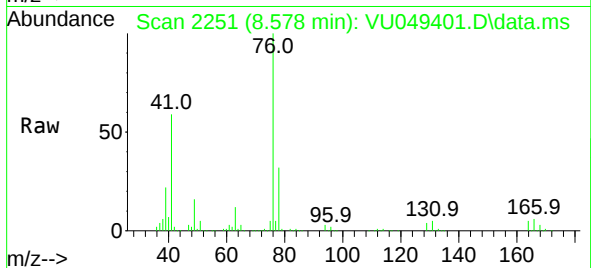
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 709.028 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU049401.D

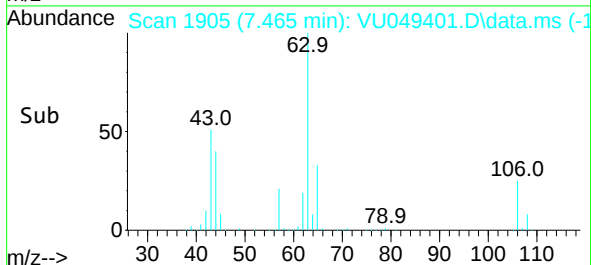
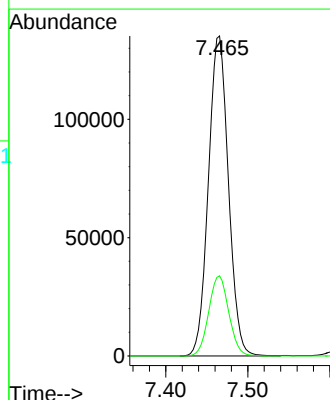
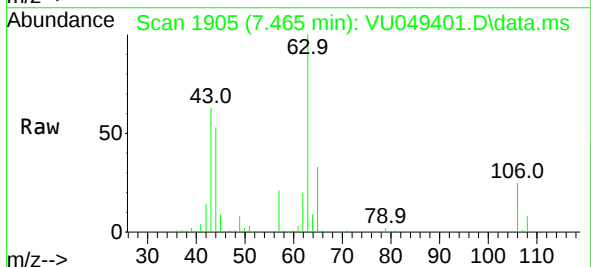
Acq: 27 Jun 2022 12:57

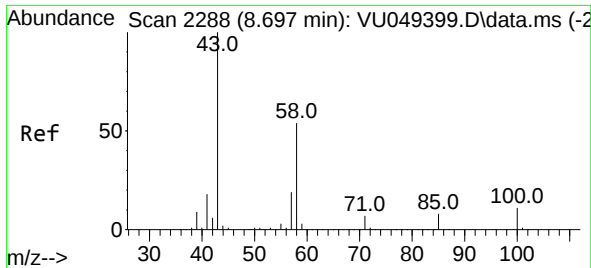
Tgt Ion: 63 Resp: 229171

Ion Ratio Lower Upper

63 100

106 25.1 23.1 34.7





#59

2-Hexanone

Concen: 775.535 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 243947

Ion Ratio Lower Upper

43 100

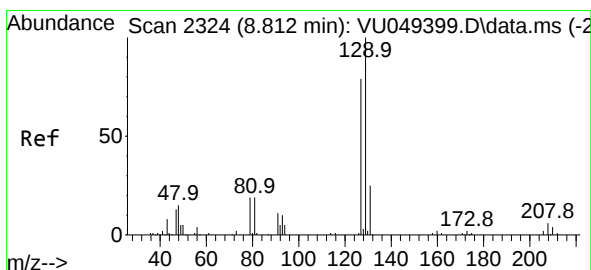
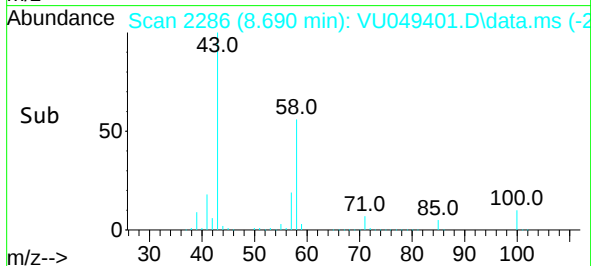
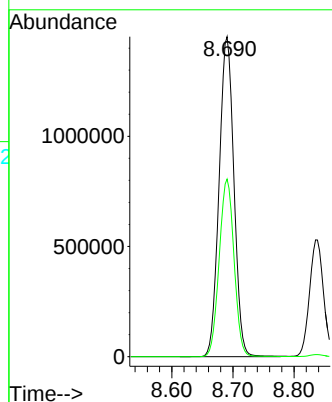
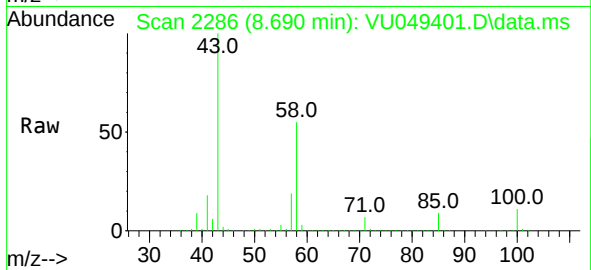
58 55.7 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

Dibromochloromethane

Concen: 149.779 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU049401.D

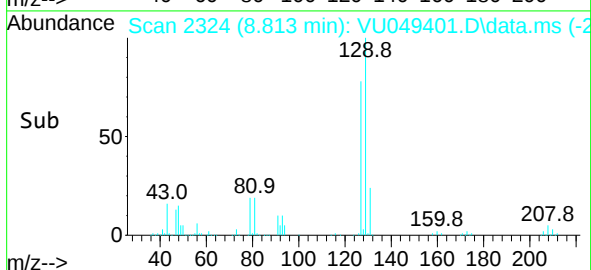
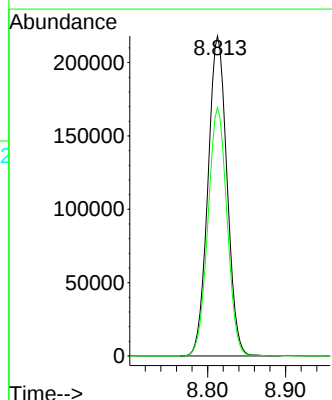
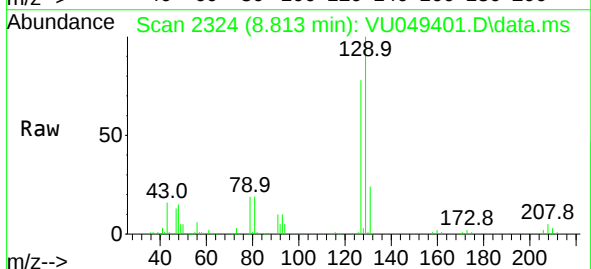
Acq: 27 Jun 2022 12:57

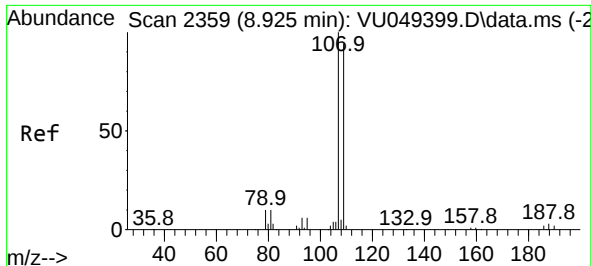
Tgt Ion:129 Resp: 370379

Ion Ratio Lower Upper

129 100

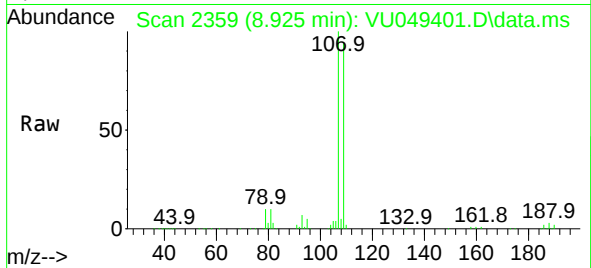
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 151.099 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

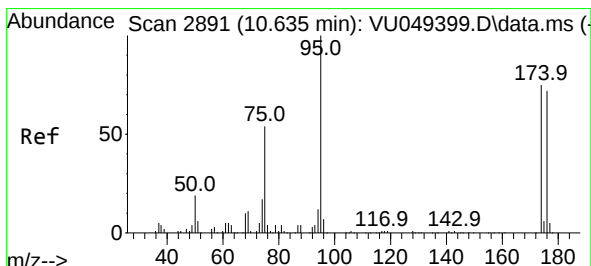
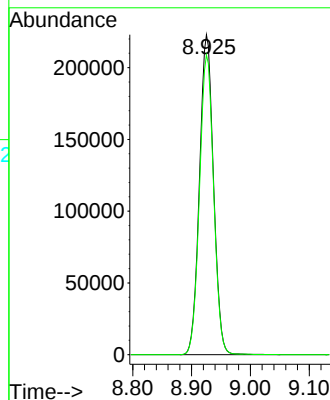
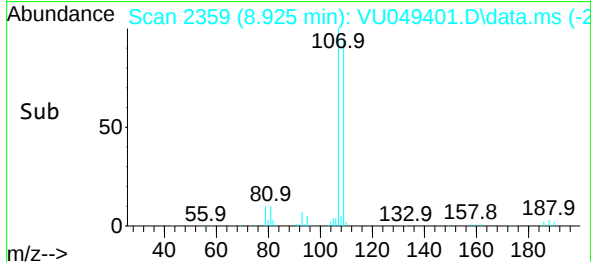
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



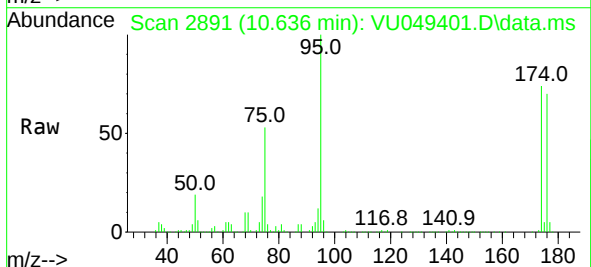
Tgt Ion:107 Resp: 36853
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7

Manual Integrations
APPROVED

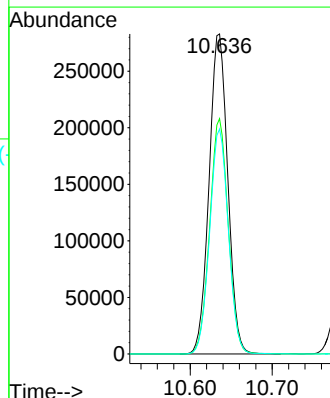
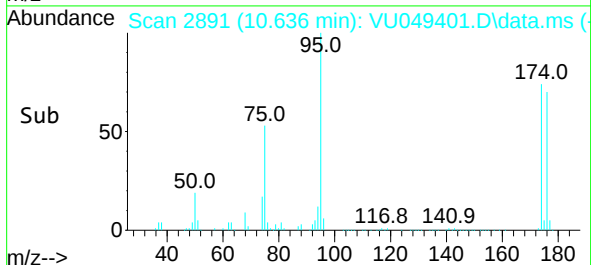
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
4-Bromofluorobenzene
Concen: 152.949 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



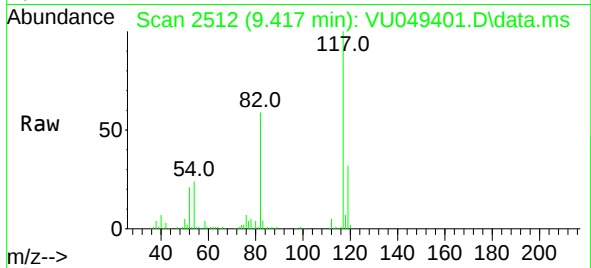
Tgt Ion: 95 Resp: 447368
Ion Ratio Lower Upper
95 100
174 73.1 0.0 182.0
176 70.1 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

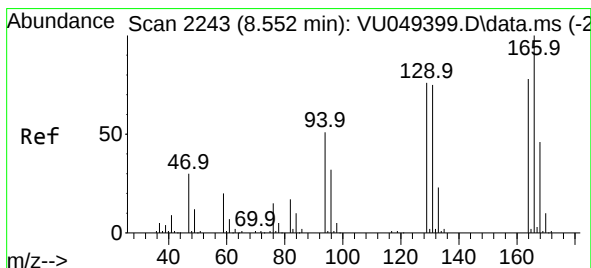
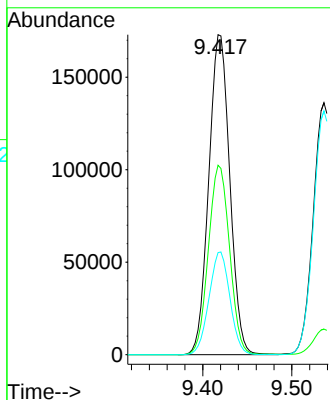
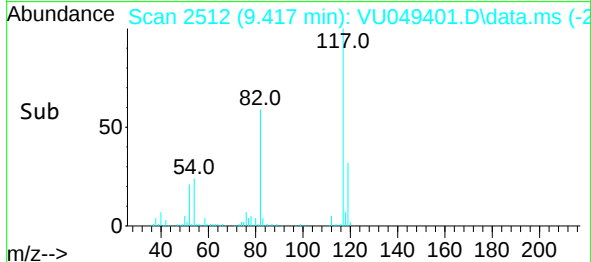
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



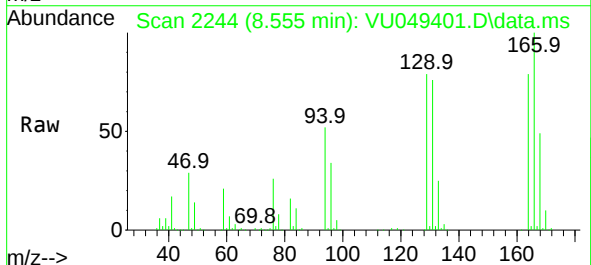
Tgt Ion:117 Resp: 28354
Ion Ratio Lower Upper
117 100
82 59.2 41.7 62.5
119 31.9 25.7 38.5

Manual Integrations
APPROVED

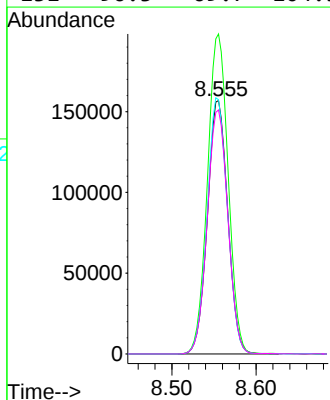
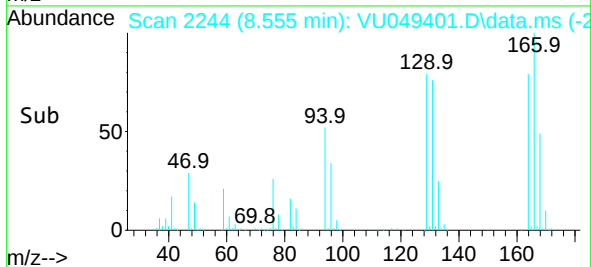
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

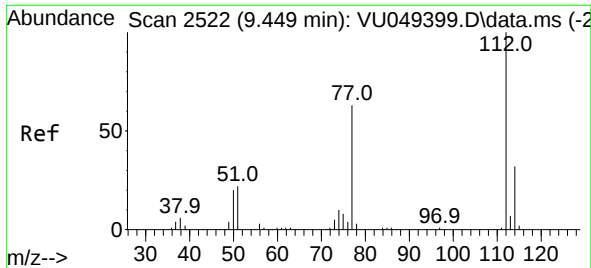


#64
Tetrachloroethene
Concen: 145.787 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



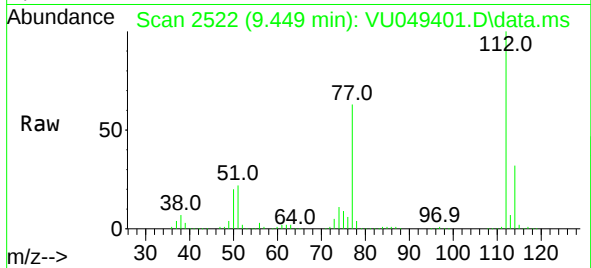
Tgt Ion:164 Resp: 263494
Ion Ratio Lower Upper
164 100
166 126.3 100.0 150.0
129 100.3 72.0 108.0
131 96.3 69.7 104.5





#65
Chlorobenzene
Concen: 149.307 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

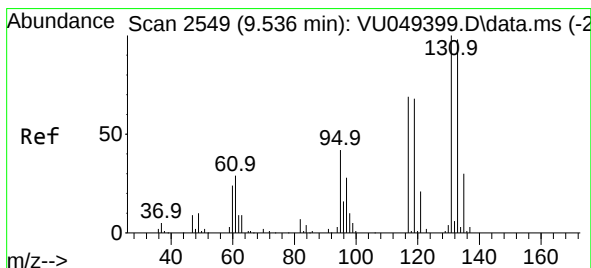
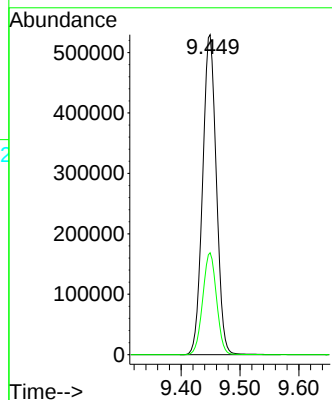
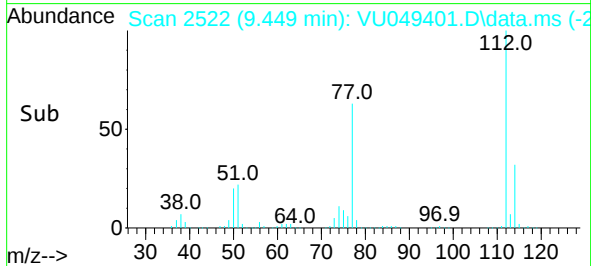
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



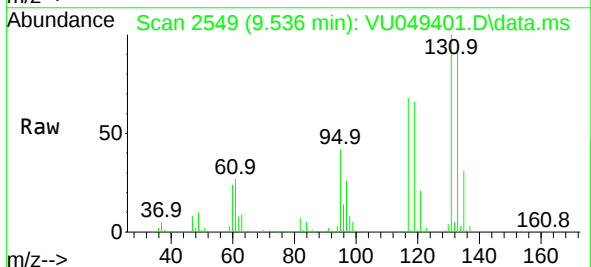
Tgt Ion:112 Resp: 856619
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3

Manual Integrations
APPROVED

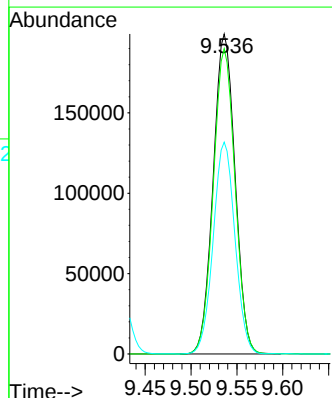
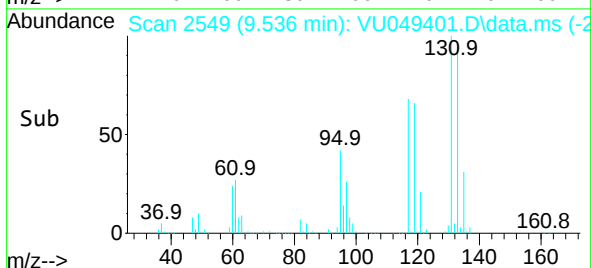
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

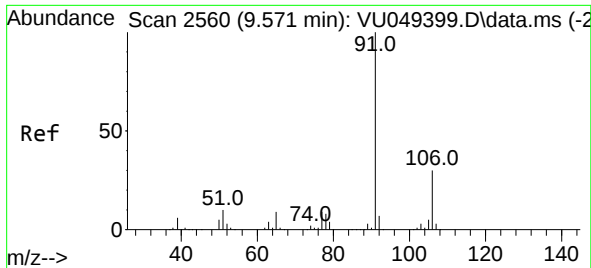


#66
1,1,1,2-Tetrachloroethane
Concen: 147.474 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



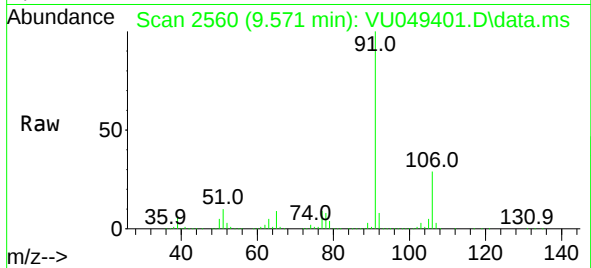
Tgt Ion:131 Resp: 330099
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 65.9 33.9 101.6





#67
Ethyl Benzene
Concen: 152.772 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

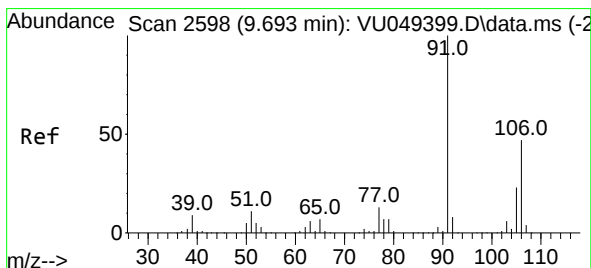
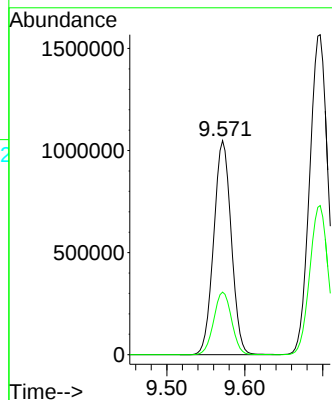
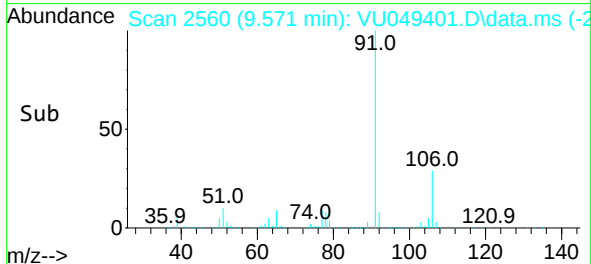
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



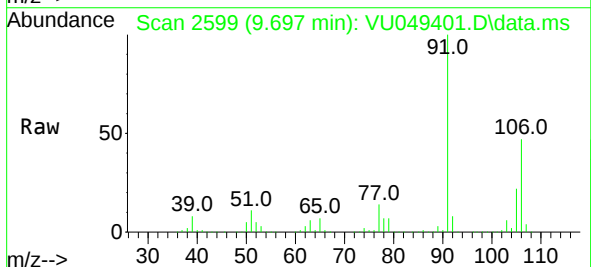
Tgt Ion: 91 Resp: 1639802
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

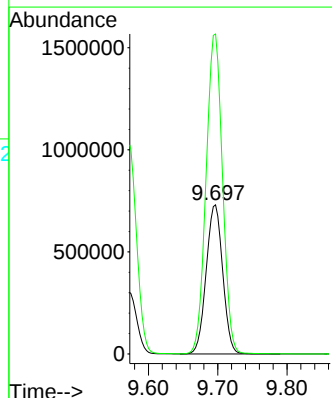
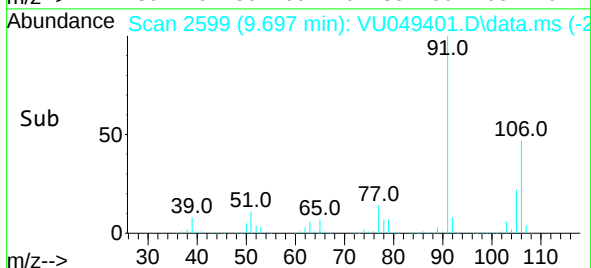
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

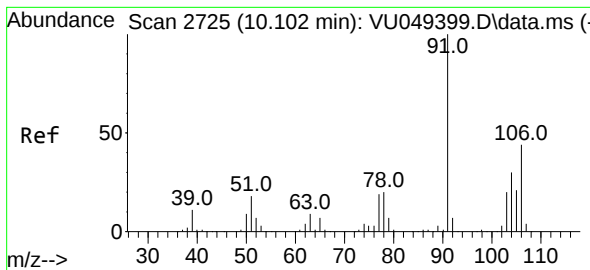


#68
m/p-Xylenes
Concen: 303.264 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion:106 Resp: 1206141
Ion Ratio Lower Upper
106 100
91 214.1 157.2 235.8





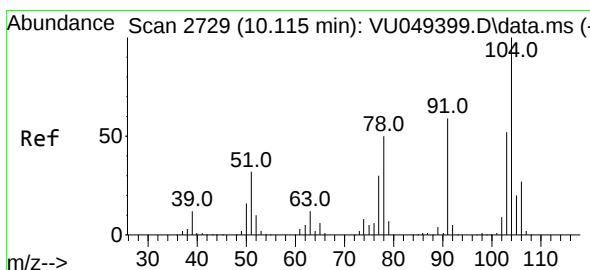
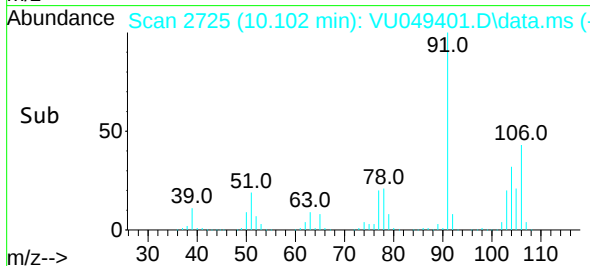
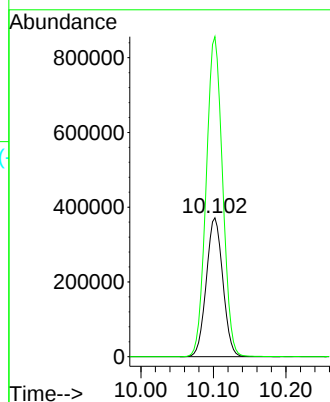
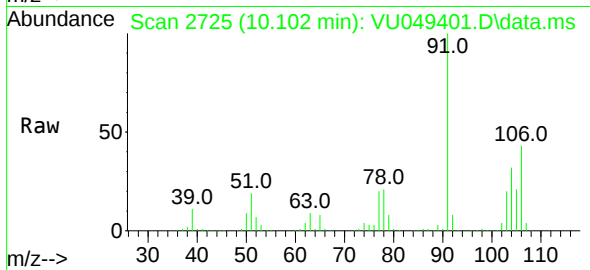
#69
o-Xylene
Concen: 147.849 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 588429
Ion Ratio Lower Upper
106 100
91 229.0 103.5 310.5

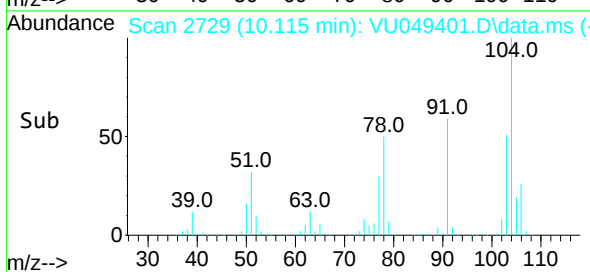
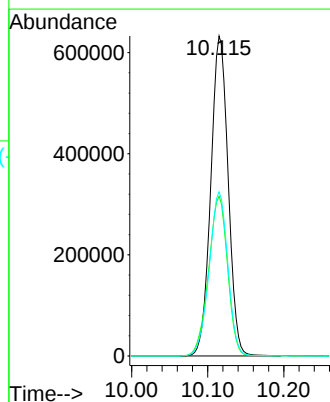
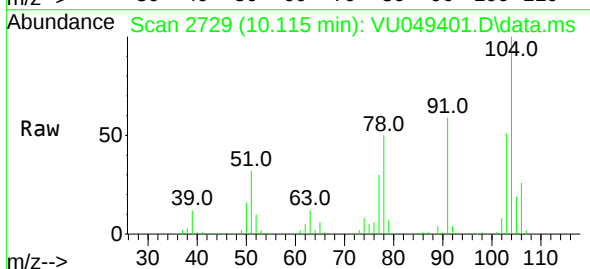
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 151.905 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

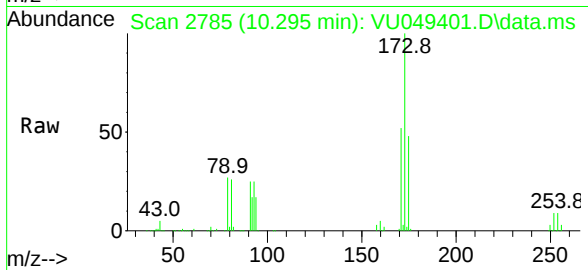
Tgt Ion:104 Resp: 1005836
Ion Ratio Lower Upper
104 100
78 54.5 38.0 57.0
103 55.0 43.9 65.9





#71
Bromoform
Concen: 153.504 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

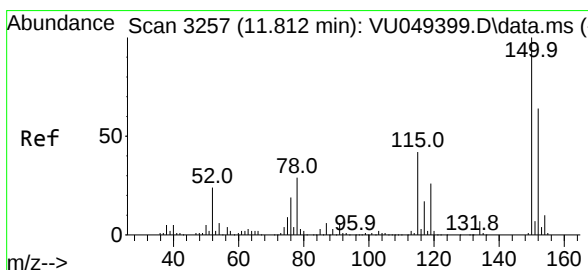
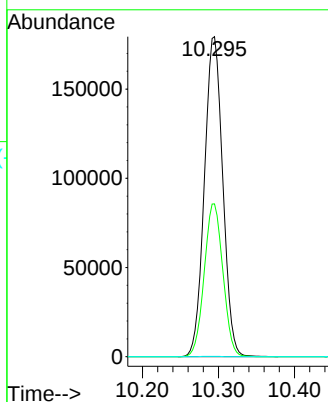
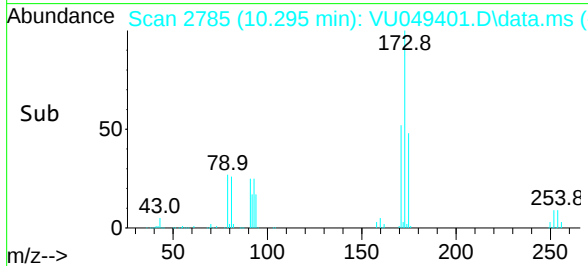
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



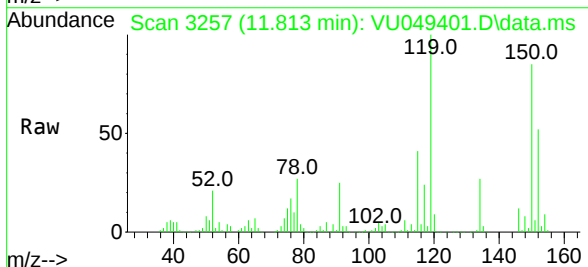
Tgt Ion:173 Resp: 30090
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

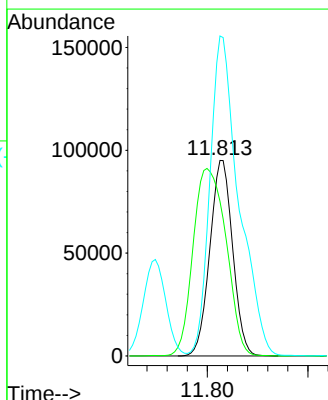
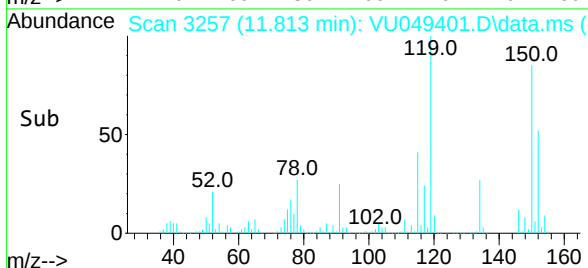
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

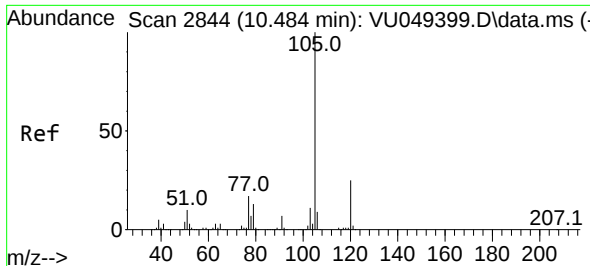


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



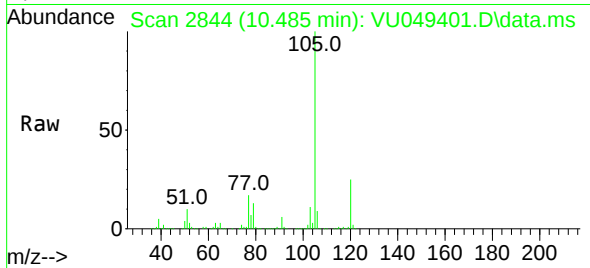
Tgt Ion:152 Resp: 149677
Ion Ratio Lower Upper
152 100
115 138.8 37.0 110.9#
150 207.8 0.0 342.2





#73
Isopropylbenzene
Concen: 140.846 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

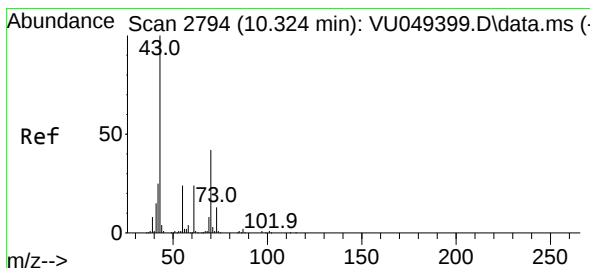
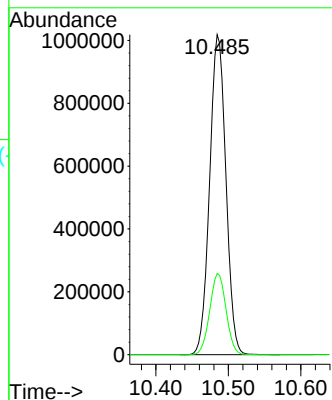
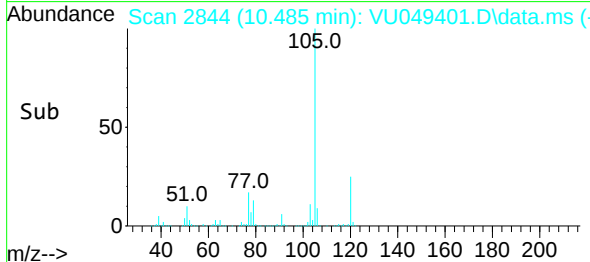
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 1584189
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4

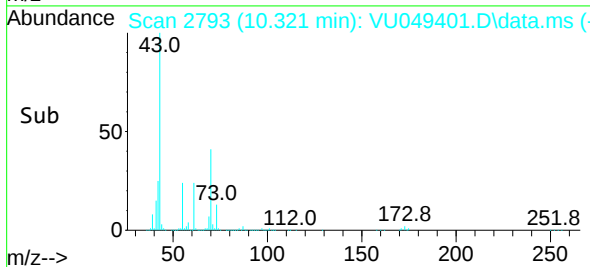
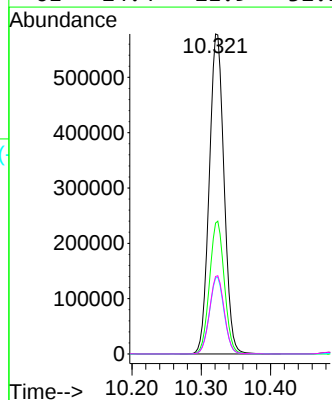
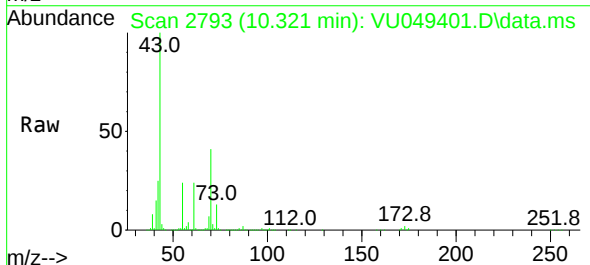
Manual Integrations
APPROVED

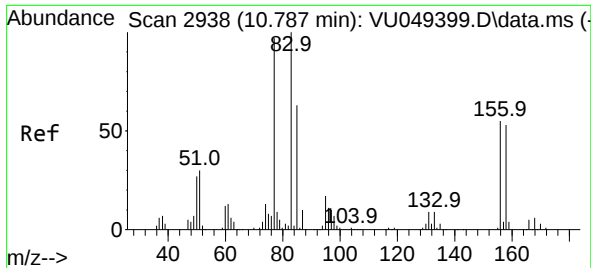
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#74
N-ethyl acetate
Concen: 148.467 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 43 Resp: 853273
Ion Ratio Lower Upper
43 100
70 41.5 38.7 58.1
55 23.9 21.8 32.8
61 24.4 21.9 32.9





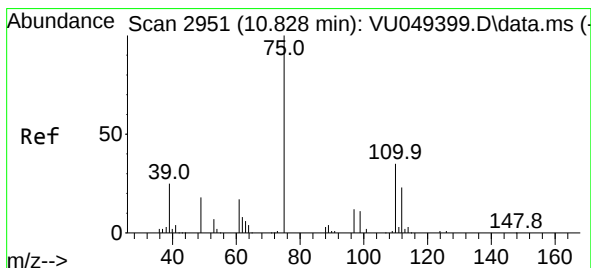
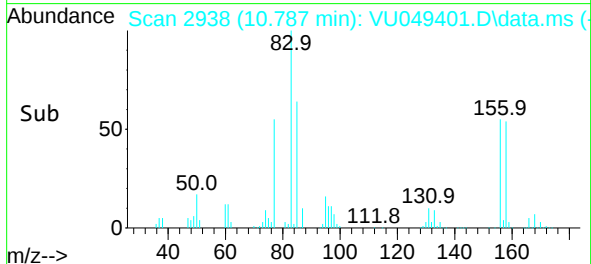
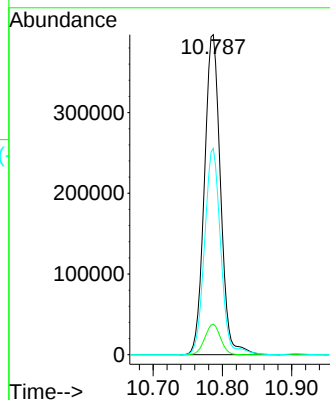
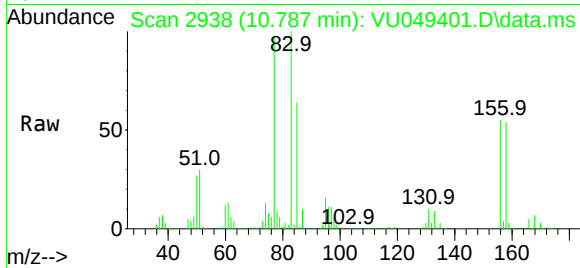
#75
1,1,2,2-Tetrachloroethane
Concen: 141.019 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 63780
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 64.6 32.2 96.6

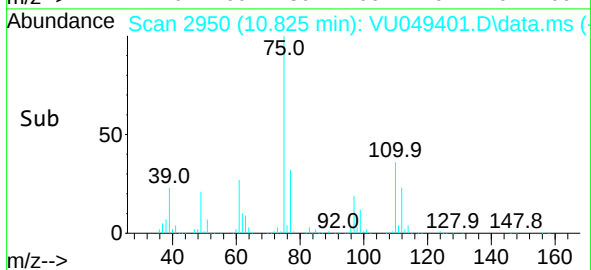
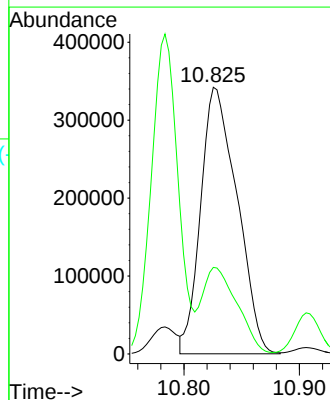
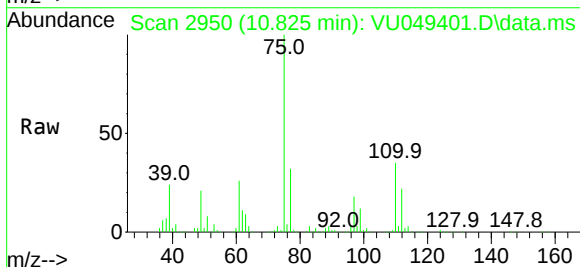
Manual Integrations
APPROVED

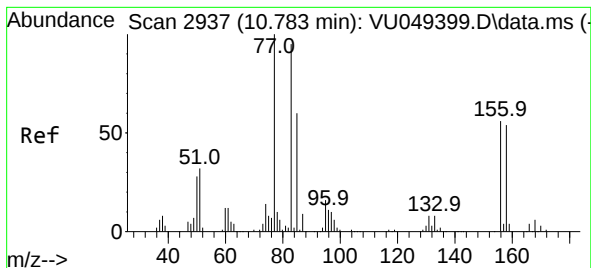
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,2,3-Trichloropropane
Concen: 146.245 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Tgt Ion: 75 Resp: 748544
Ion Ratio Lower Upper
75 100
77 31.1 15.8 47.3





#77

Bromobenzene

Concen: 140.225 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

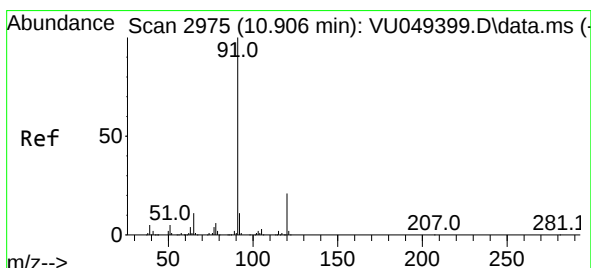
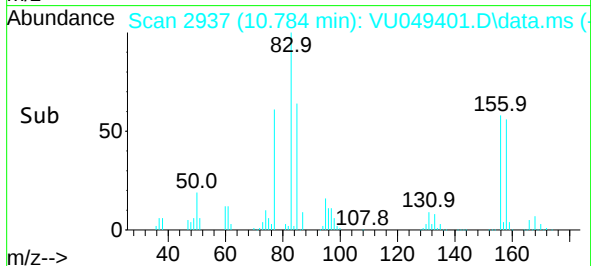
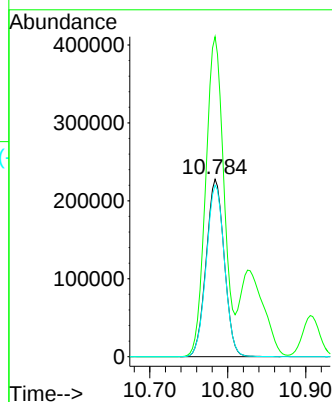
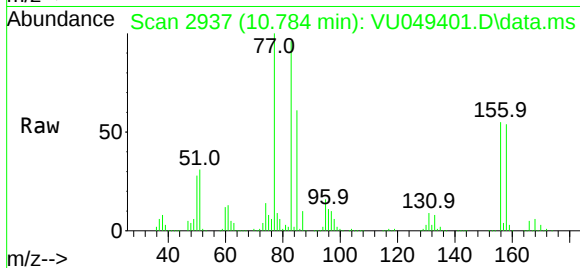
Tgt Ion:	156	Resp:	366290
Ion Ratio	Lower	Upper	
156	100		
77	181.9	71.9	215.6
158	97.4	48.9	146.8

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#78

n-propylbenzene

Concen: 145.480 ug/l

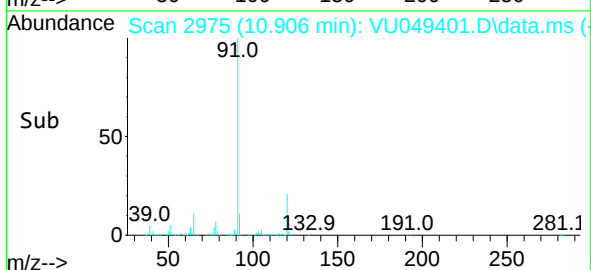
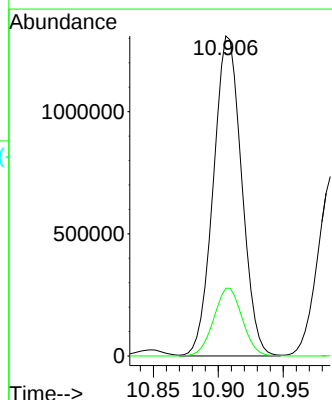
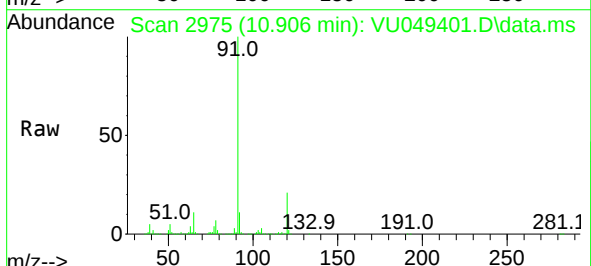
RT: 10.906 min Scan# 2975

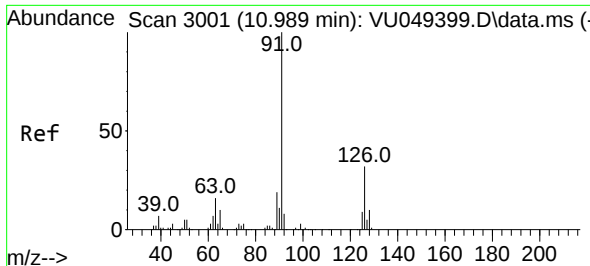
Delta R.T. 0.000 min

Lab File: VU049401.D

Acq: 27 Jun 2022 12:57

Tgt Ion:	91	Resp:	1979390
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.9	35.5





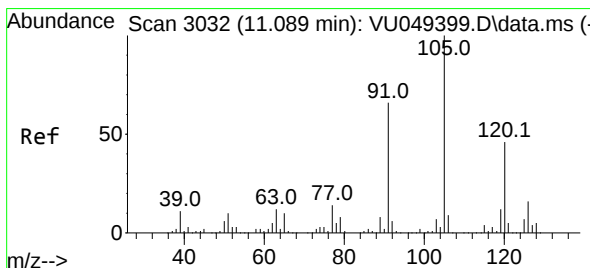
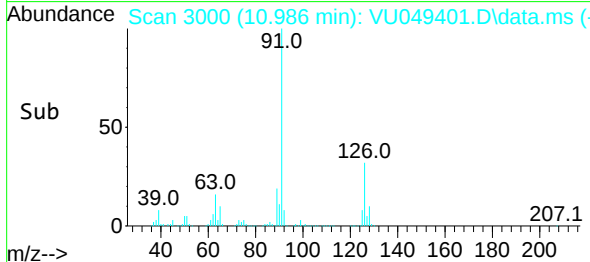
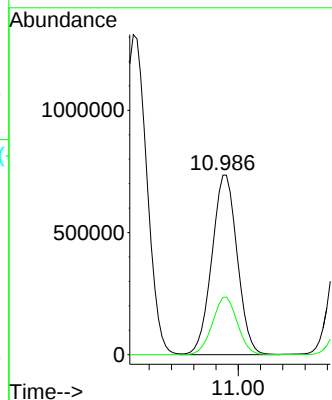
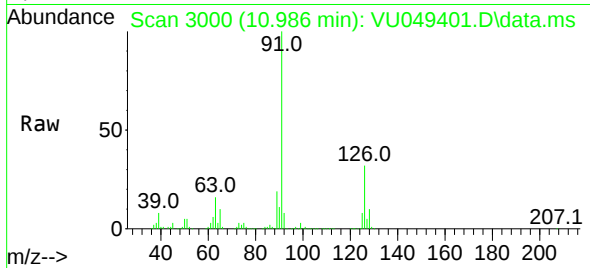
#79
2-Chlorotoluene
Concen: 141.807 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 116309
Ion Ratio Lower Upper
91 100
126 31.6 18.4 55.0

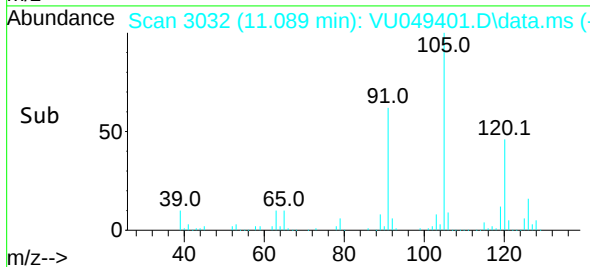
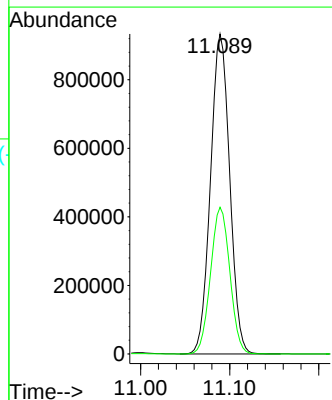
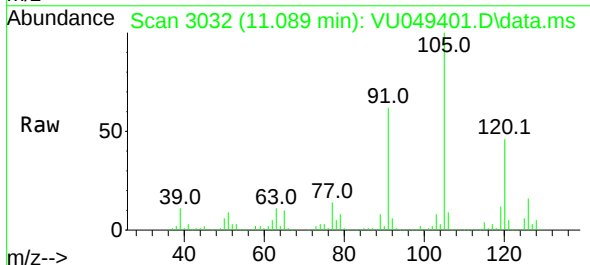
Manual Integrations
APPROVED

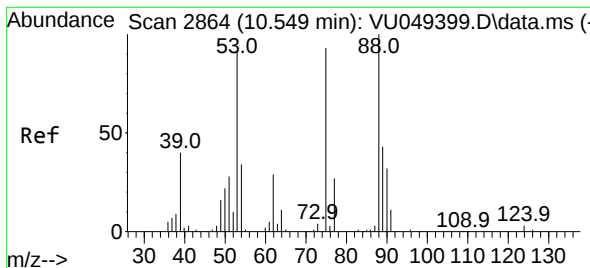
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 142.623 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

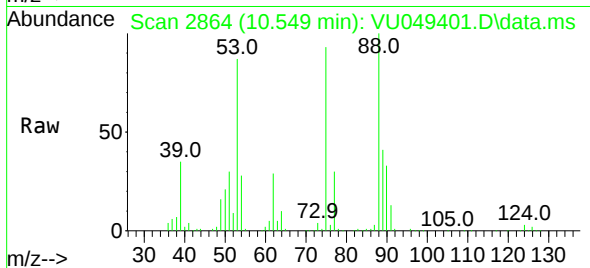
Tgt Ion:105 Resp: 1394119
Ion Ratio Lower Upper
105 100
120 46.1 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 155.651 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

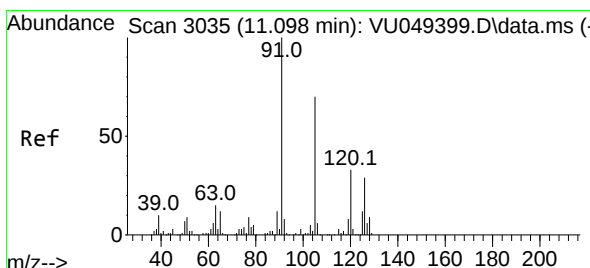
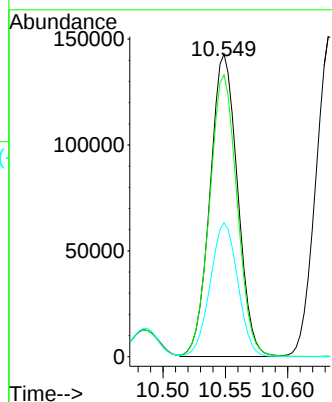
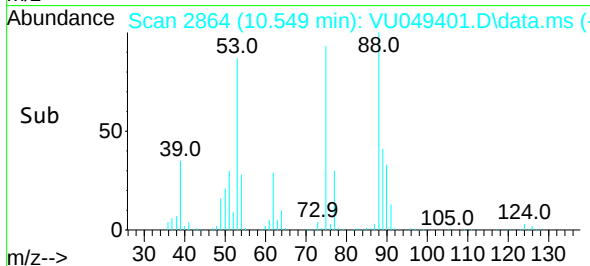
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 220290
Ion Ratio Lower Upper
75 100
53 93.1 69.2 103.8
89 44.3 37.0 55.6

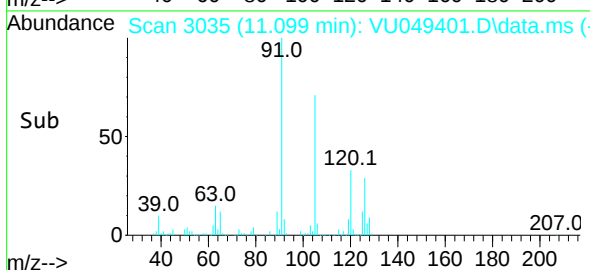
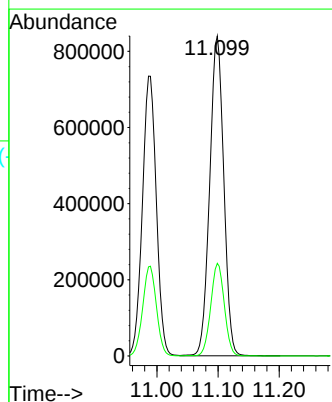
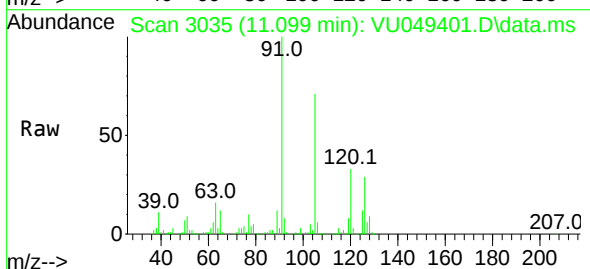
Manual Integrations
APPROVED

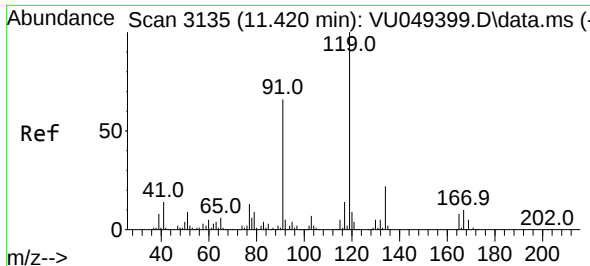
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 144.498 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

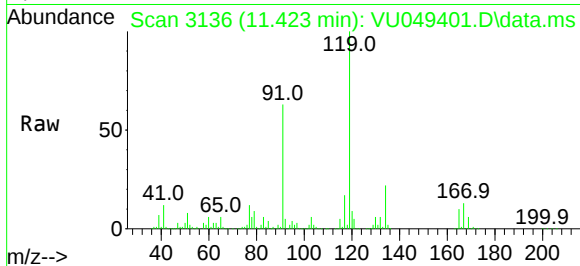
Tgt Ion: 91 Resp: 1344448
Ion Ratio Lower Upper
91 100
126 27.9 16.1 48.2





#83
tert-Butylbenzene
Concen: 141.547 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

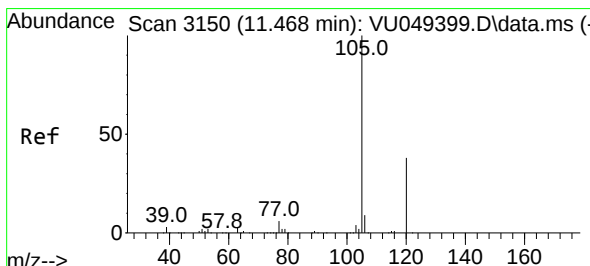
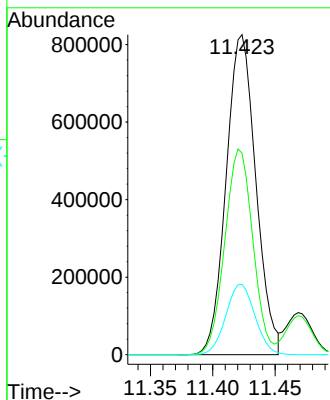
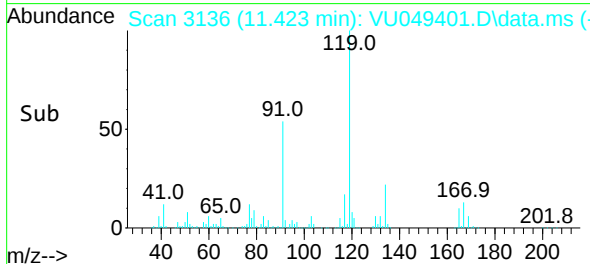
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



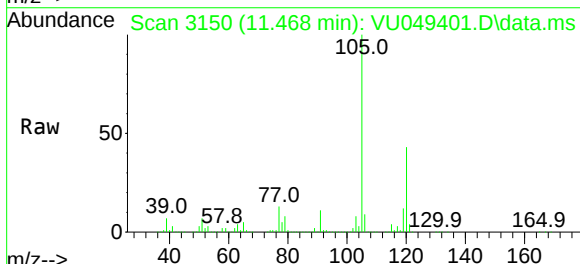
Tgt Ion:119 Resp: 1370672
Ion Ratio Lower Upper
119 100
91 60.7 26.8 80.3
134 21.6 11.5 34.5

Manual Integrations
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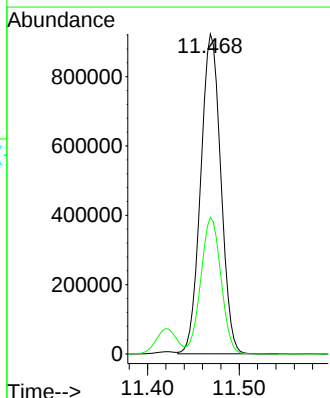
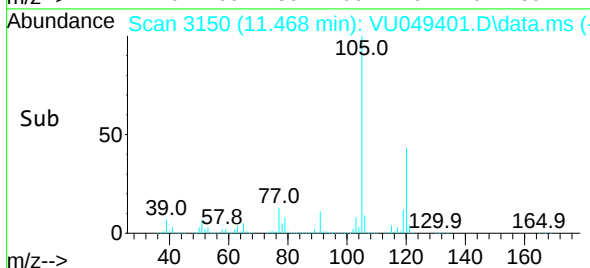
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

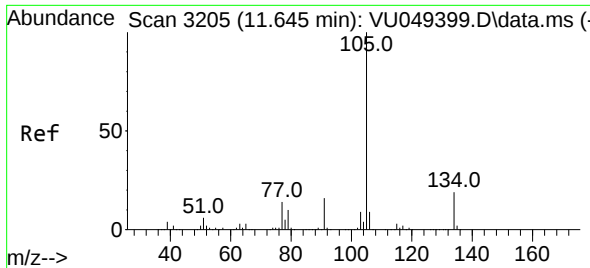


#84
1,2,4-Trimethylbenzene
Concen: 144.118 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion:105 Resp: 1405792
Ion Ratio Lower Upper
105 100
120 42.9 23.4 70.3





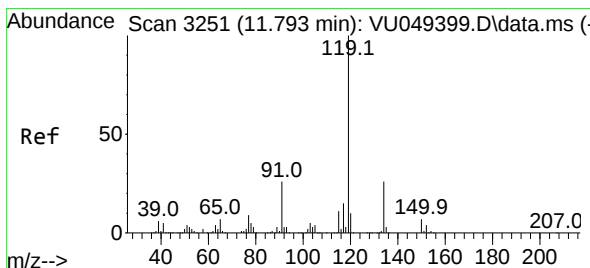
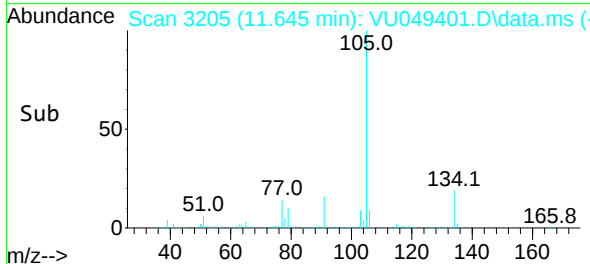
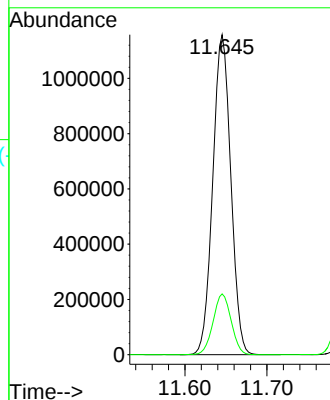
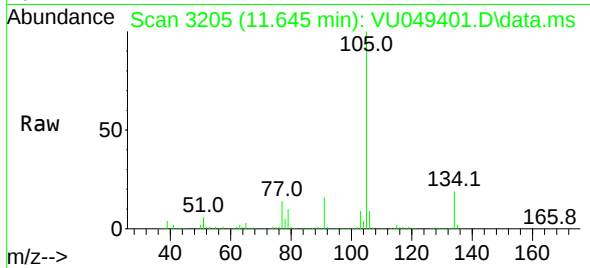
#85
 sec-Butylbenzene
 Concen: 144.317 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1771629
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

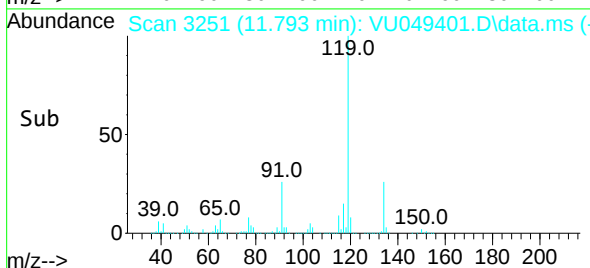
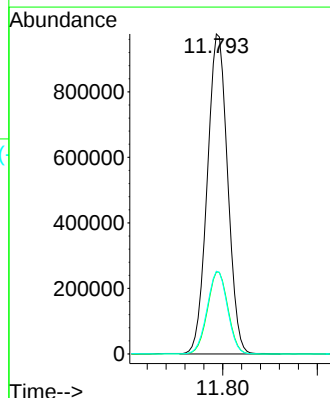
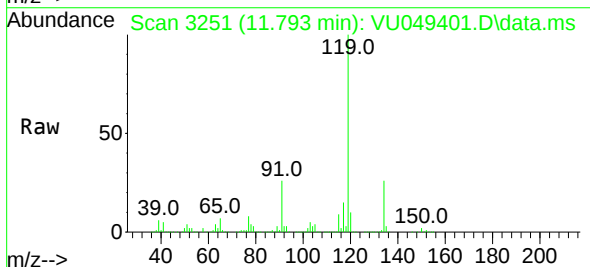
Manual Integrations
 APPROVED

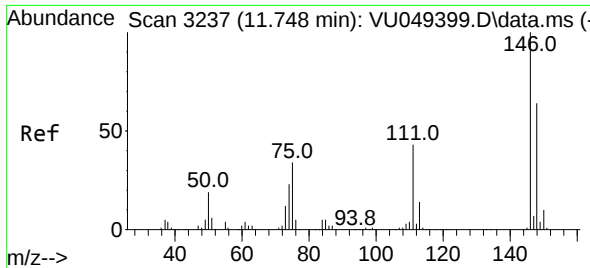
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#86
 p-Isopropyltoluene
 Concen: 146.885 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049401.D
 Acq: 27 Jun 2022 12:57

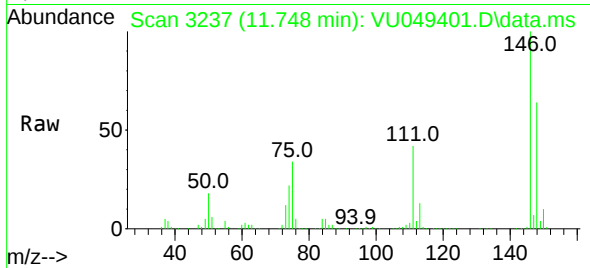
Tgt Ion:119 Resp: 1457361
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 25.9 11.2 33.5





#87
1,3-Dichlorobenzene
Concen: 146.692 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

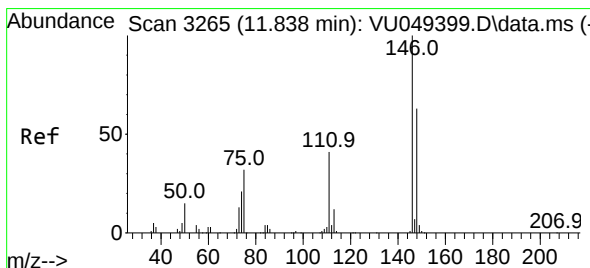
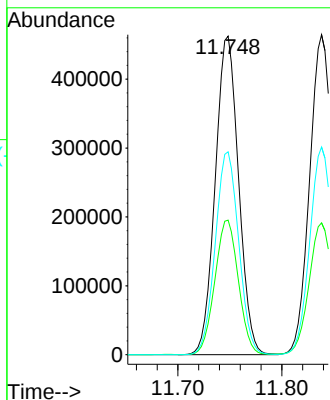
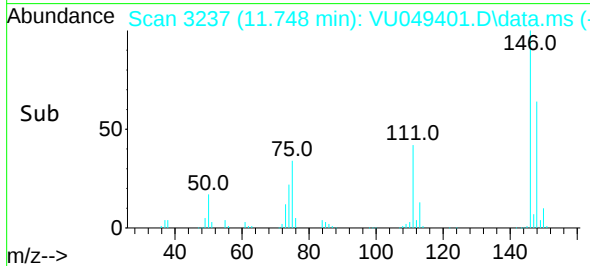
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



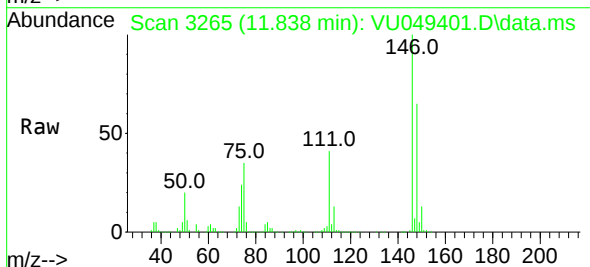
Tgt Ion:146 Resp: 722672
Ion Ratio Lower Upper
146 100
111 42.5 18.9 56.5
148 64.0 31.9 95.9

Manual Integrations
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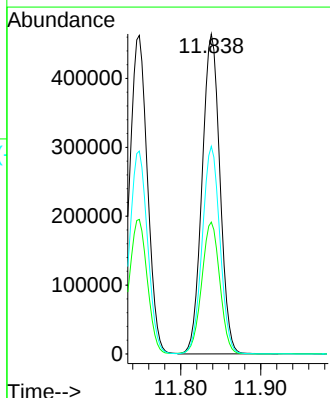
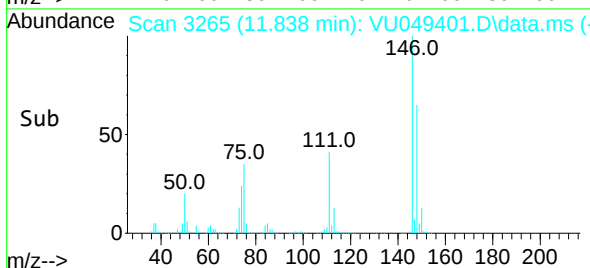
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

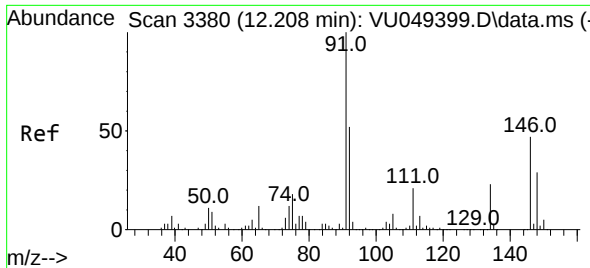


#88
1,4-Dichlorobenzene
Concen: 149.420 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



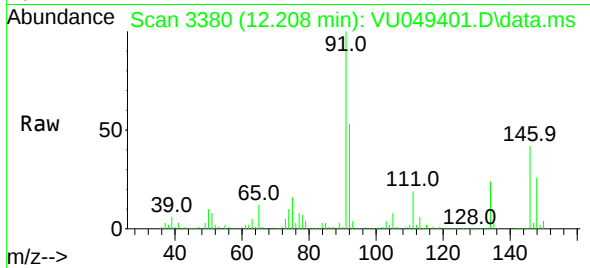
Tgt Ion:146 Resp: 721150
Ion Ratio Lower Upper
146 100
111 41.8 18.5 55.5
148 64.7 31.9 95.7





#89
n-Butylbenzene
Concen: 162.438 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

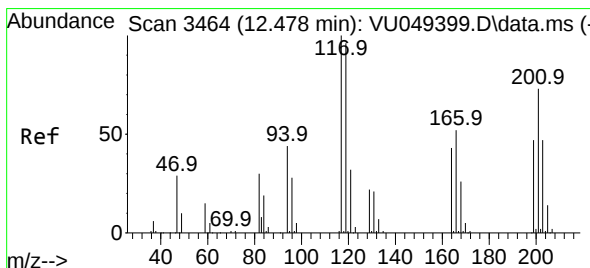
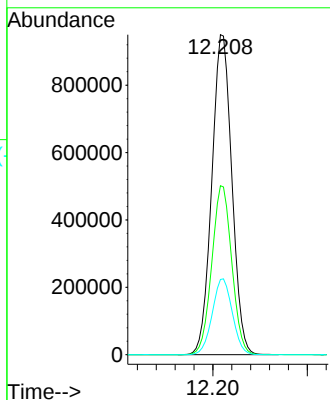
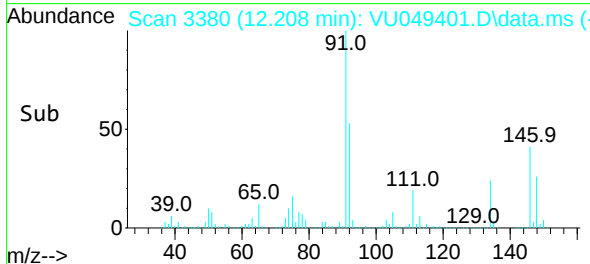
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 139959
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 23.7 13.5 40.4

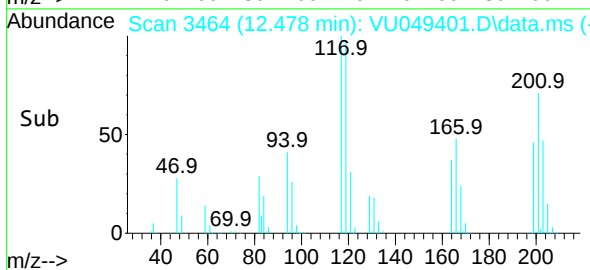
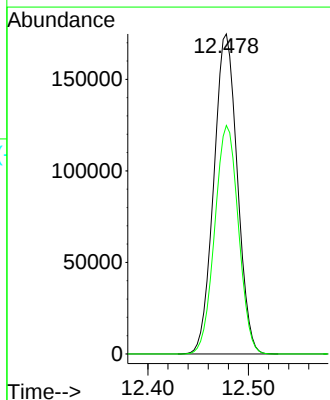
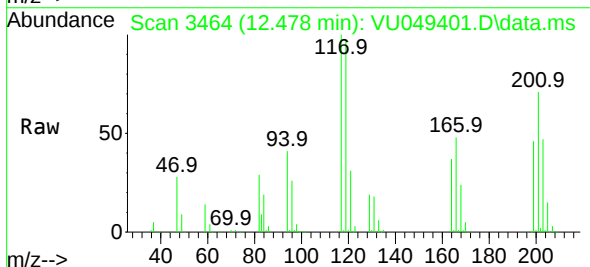
Manual Integrations
APPROVED

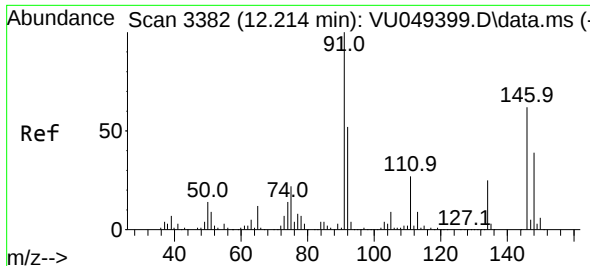
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 147.461 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

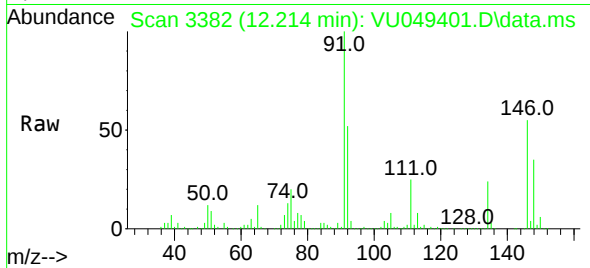
Tgt Ion:117 Resp: 284091
Ion Ratio Lower Upper
117 100
201 72.0 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 146.494 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

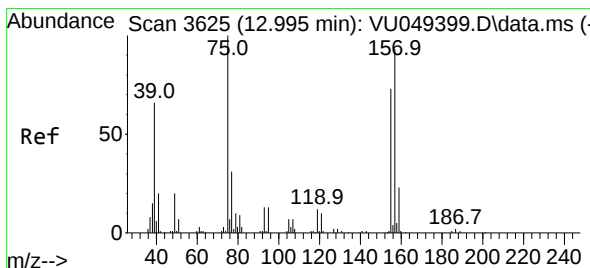
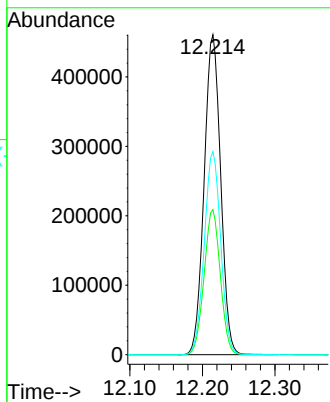
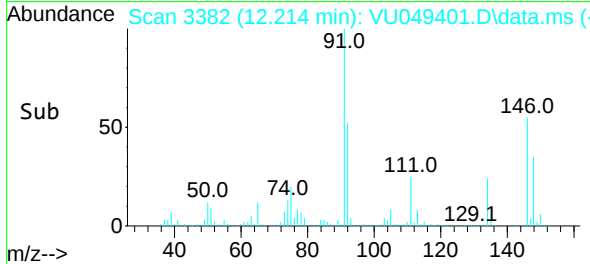
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



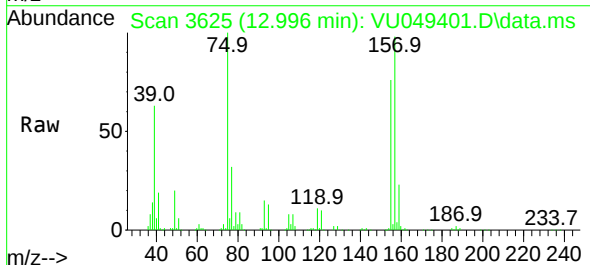
Tgt Ion:146 Resp: 72915
Ion Ratio Lower Upper
146 100
111 44.6 19.9 59.6
148 63.3 32.1 96.5

Manual Integrations
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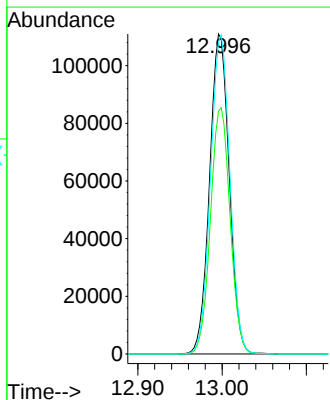
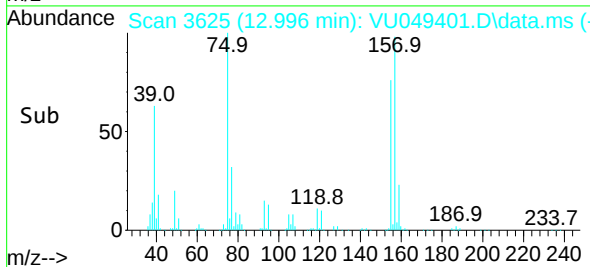
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

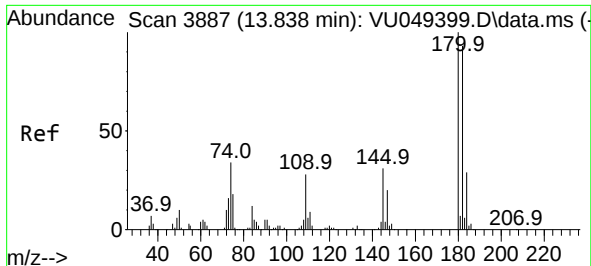


#92
1,2-Dibromo-3-Chloropropane
Concen: 157.754 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



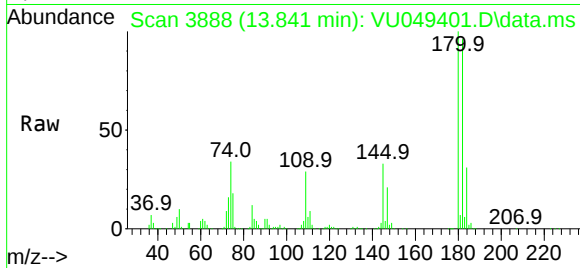
Tgt Ion: 75 Resp: 180126
Ion Ratio Lower Upper
75 100
155 76.8 47.8 143.4
157 98.2 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 165.506 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

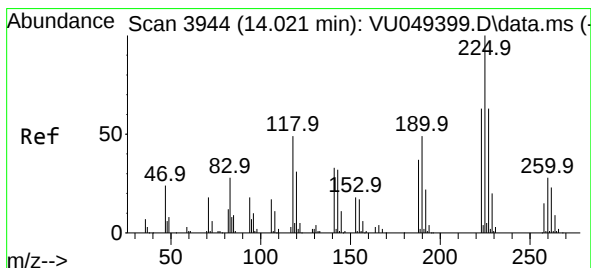
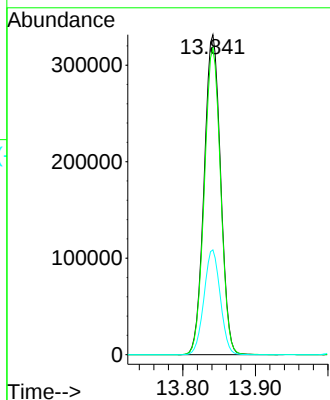
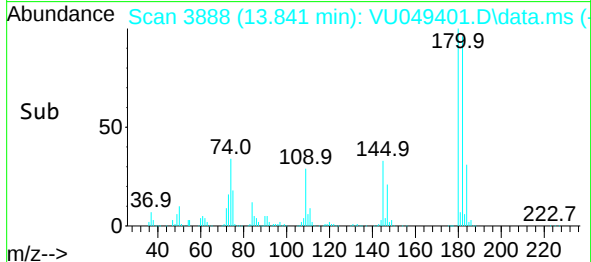
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:180 Resp: 522120
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 32.5 14.0 41.9

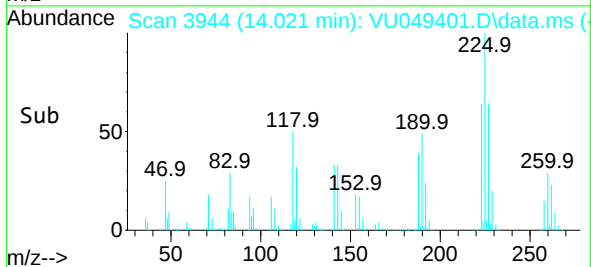
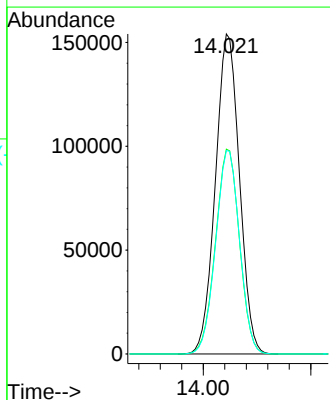
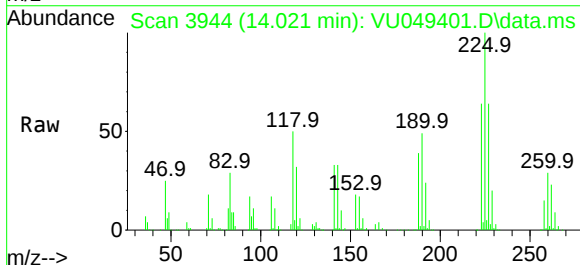
Manual Integrations
APPROVED

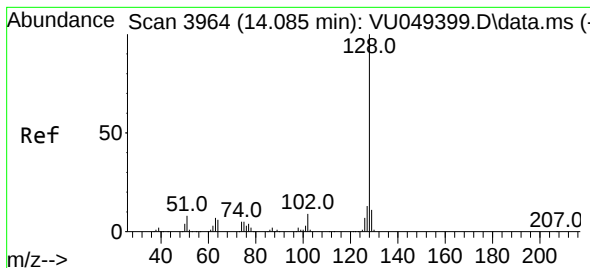
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#94
Hexachlorobutadiene
Concen: 149.617 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

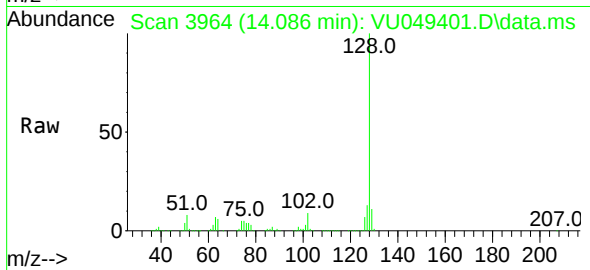
Tgt Ion:225 Resp: 239046
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.9
227 63.4 32.0 96.2





#95
Naphthalene
Concen: 166.414 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57

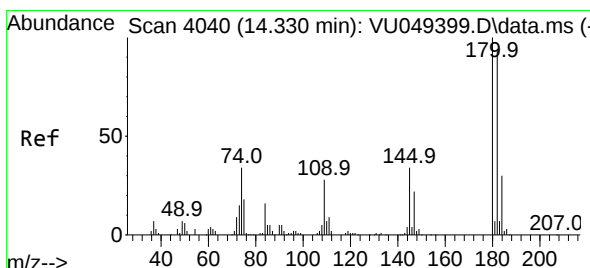
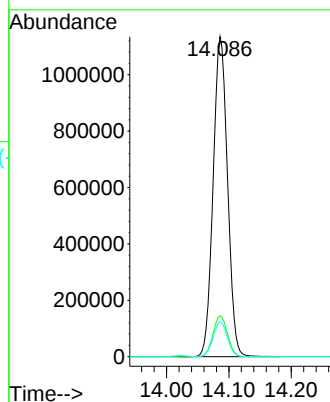
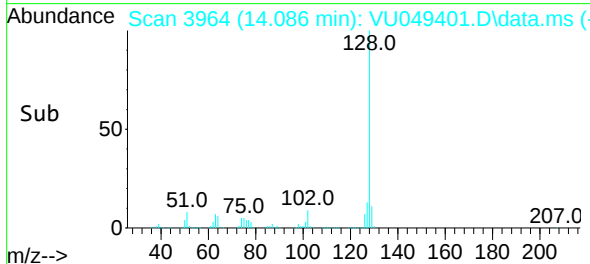
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



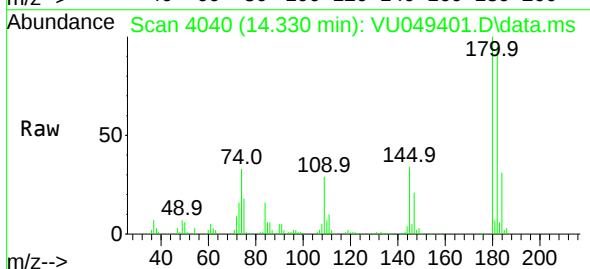
Tgt Ion:128 Resp: 1818810
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 159.112 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049401.D
Acq: 27 Jun 2022 12:57



Tgt Ion:180 Resp: 530577
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 34.1 14.8 44.4

