

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049396.D
 Acq On : 27 Jun 2022 10:35
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 12:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 12:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	162109	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	275244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	112395	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	2413	0.875	ug/l	96
3) Chloromethane	1.520	50	5277	1.669	ug/l	92
4) Vinyl Chloride	1.604	62	3100	1.139	ug/l	91
6) Chloroethane	1.932	64	2075	1.933	ug/l	99
7) Trichlorofluoromethane	2.134	101	3732	1.100	ug/l	98
8) Diethyl Ether	2.376	74	1443	1.241	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.578	101	1860	1.002	ug/l #	93
12) 1,1-Dichloroethene	2.581	96	1727	0.986	ug/l #	64
14) Allyl chloride	2.925	41	3905	1.106	ug/l #	88
15) Acrylonitrile	3.324	53	7538	5.467	ug/l	91
16) Acetone	2.633	43	8027	7.050	ug/l	92
17) Carbon Disulfide	2.794	76	6878	1.310	ug/l	98
18) Methyl Acetate	2.954	43	3897	1.205	ug/l #	79
19) Methyl tert-butyl Ether	3.369	73	6985	1.074	ug/l #	89
20) Methylene Chloride	3.048	84	2740	1.306	ug/l #	77
21) trans-1,2-Dichloroethene	3.356	96	2169	1.145	ug/l #	84
22) Diisopropyl ether	3.993	45	7214	1.054	ug/l #	70
23) Vinyl Acetate	3.964	43	29432	4.854	ug/l	94
24) 1,1-Dichloroethane	3.874	63	4383	1.130	ug/l #	82
25) 2-Butanone	4.720	43	10753	6.002	ug/l #	87
26) 2,2-Dichloropropane	4.671	77	3554	1.090	ug/l	87
27) cis-1,2-Dichloroethene	4.671	96	2511	1.152	ug/l	93
28) Bromochloromethane	4.980	49	1700	0.974	ug/l #	66
29) Tetrahydrofuran	5.060	42	7234	5.846	ug/l #	83
30) Chloroform	5.089	83	4076	1.073	ug/l	88
32) 1,1,1-Trichloroethane	5.321	97	3732	1.078	ug/l #	49
36) 1,1-Dichloropropene	5.527	75	2989	1.058	ug/l	88
37) Ethyl Acetate	4.813	43	4401	1.064	ug/l #	81
38) Carbon Tetrachloride	5.527	117	3275	1.088	ug/l #	91
39) Methylcyclohexane	6.768	83	3356	0.944	ug/l	93
40) Benzene	5.777	78	9147	1.082	ug/l	99
41) Methacrylonitrile	4.983	41	2221	1.184	ug/l #	65
42) 1,2-Dichloroethane	5.797	62	3535	1.110	ug/l	93
43) Isopropyl Acetate	5.916	43	5895	1.063	ug/l #	91
44) Trichloroethene	6.543	130	2312	1.156	ug/l	85
45) 1,2-Dichloropropane	6.793	63	2669	1.157	ug/l	89

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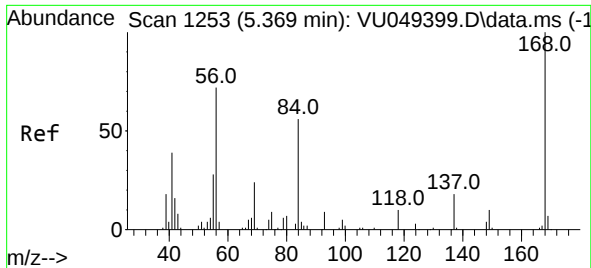
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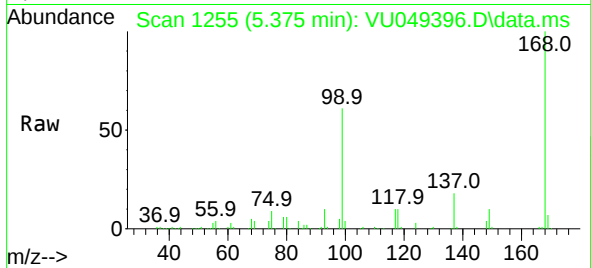
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	1721	1.087	ug/l	91
47) Bromodichloromethane	7.105	83	3328	1.095	ug/l	94
48) Methyl methacrylate	6.967	41	2818	1.067	ug/l	85
49) 1,4-Dioxane	6.983	88	1496	23.787	ug/l #	94
51) 4-Methyl-2-Pentanone	7.793	43	21510	5.713	ug/l	89
52) Toluene	7.970	92	5571	1.109	ug/l	97
53) t-1,3-Dichloropropene	8.215	75	3439	1.034	ug/l	95
54) cis-1,3-Dichloropropene	7.613	75	3497	0.979	ug/l #	90
55) 1,1,2-Trichloroethane	8.404	97	2132	1.001	ug/l	97
56) Ethyl methacrylate	8.337	69	3134	0.855	ug/l #	78
57) 1,3-Dichloropropane	8.575	76	3683	0.991	ug/l	93
59) 2-Hexanone	8.687	43	17373	5.979	ug/l	95
60) Dibromochloromethane	8.813	129	2409	1.055	ug/l	99
61) 1,2-Dibromoethane	8.928	107	2498	1.109	ug/l	97
64) Tetrachloroethene	8.552	164	1792	1.111	ug/l	93
65) Chlorobenzene	9.449	112	5664	1.106	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	9.539	131	2091	1.046	ug/l #	64
67) Ethyl Benzene	9.571	91	9933	1.037	ug/l	97
68) m/p-Xylenes	9.697	106	7048	1.985	ug/l	85
69) o-Xylene	10.102	106	3383	0.952	ug/l	88
70) Styrene	10.115	104	5626	0.952	ug/l	96
71) Bromoform	10.295	173	1628	0.930	ug/l #	98
73) Isopropylbenzene	10.485	105	9505	1.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	3963	1.167	ug/l	94
76) 1,2,3-Trichloropropane	10.822	75	4589	1.194	ug/l	97
77) Bromobenzene	10.787	156	2214	1.129	ug/l	80
78) n-propylbenzene	10.906	91	10920	1.069	ug/l	95
79) 2-Chlorotoluene	10.989	91	6869	1.115	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	7721	1.052	ug/l	86
82) 4-Chlorotoluene	11.099	91	8018	1.148	ug/l	94
83) tert-Butylbenzene	11.420	119	7922	1.089	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	7619	1.040	ug/l	95
85) sec-Butylbenzene	11.645	105	9002	0.977	ug/l	99
86) p-Isopropyltoluene	11.793	119	8393	1.127	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	4707	1.272	ug/l	94
88) 1,4-Dichlorobenzene	11.838	146	5114m	1.411	ug/l	
89) n-Butylbenzene	12.211	91	9975	1.542	ug/l	93
90) Hexachloroethane	12.475	117	1406	0.972	ug/l	80
91) 1,2-Dichlorobenzene	12.218	146	5195	1.390	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1079	1.258	ug/l	69
93) 1,2,4-Trichlorobenzene	13.841	180	4573	1.930	ug/l	99
94) Hexachlorobutadiene	14.021	225	1710	1.425	ug/l	97
95) Naphthalene	14.089	128	25494	3.106	ug/l	98
96) 1,2,3-Trichlorobenzene	14.330	180	5666	2.263	ug/l	92

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049396.D
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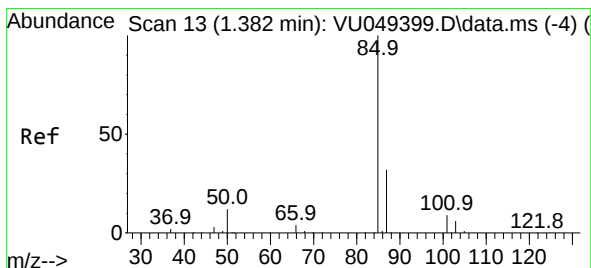
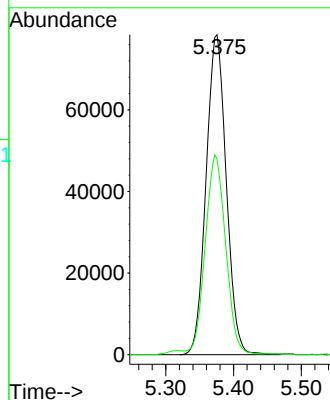
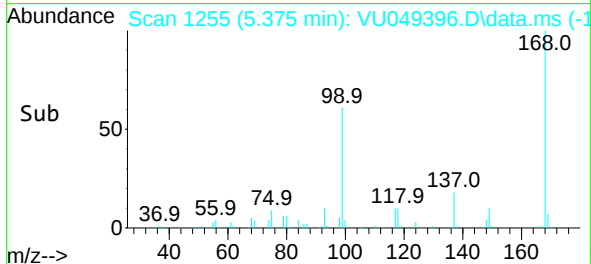
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 162109
Ion Ratio Lower Upper
168 100
99 61.0 39.3 58.9

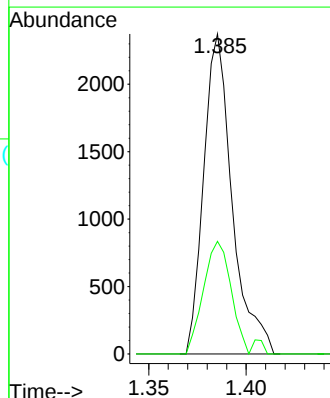
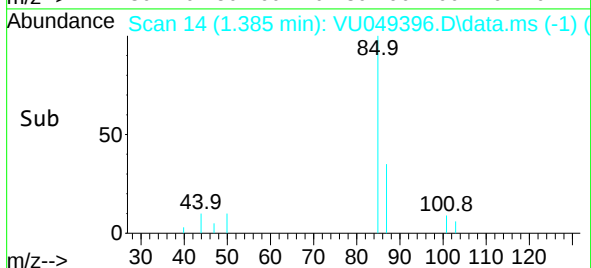
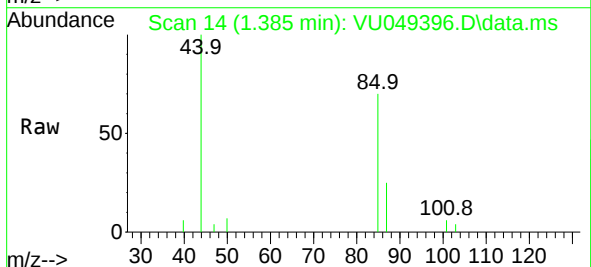
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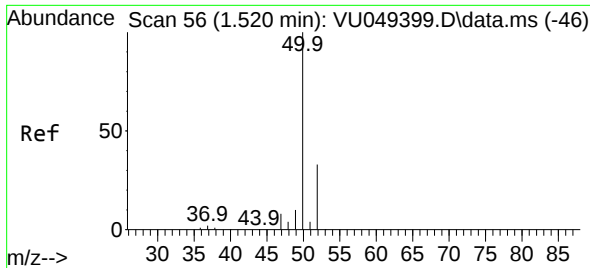
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.875 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

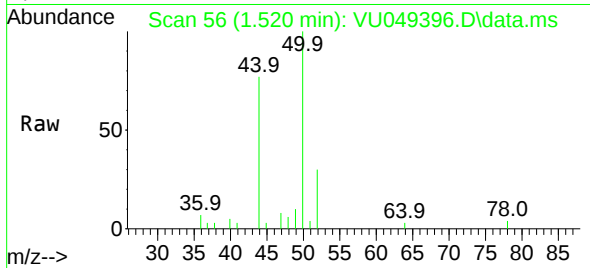
Tgt Ion: 85 Resp: 2413
Ion Ratio Lower Upper
85 100
87 35.2 16.4 49.2





#3
Chloromethane
Concen: 1.669 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

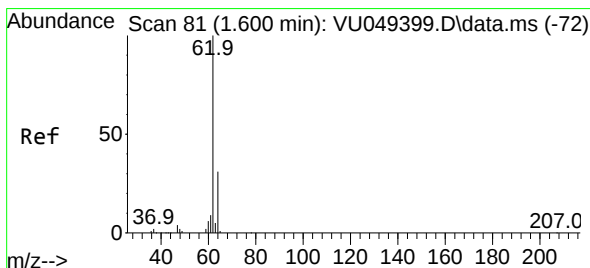
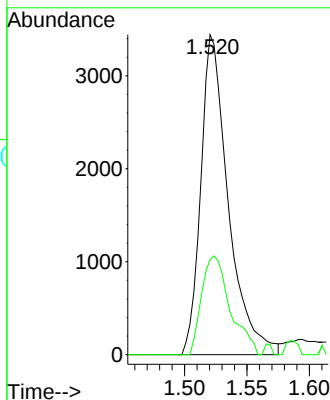
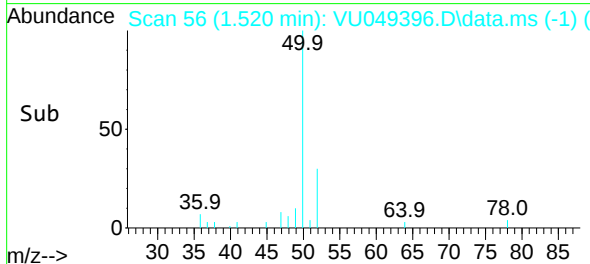
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 29.7 27.4 41.2

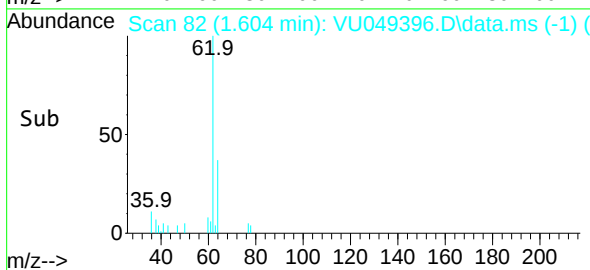
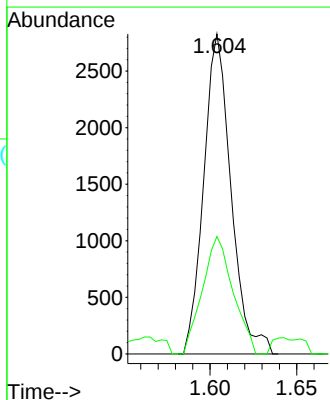
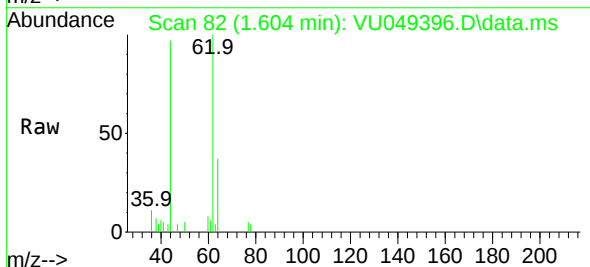
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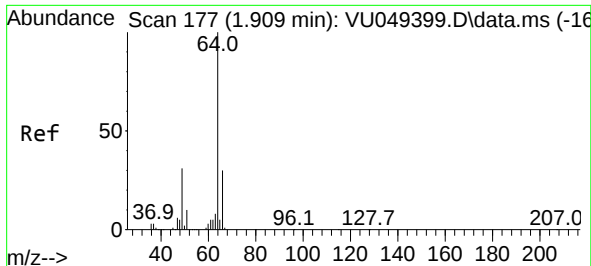
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Vinyl Chloride
Concen: 1.139 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

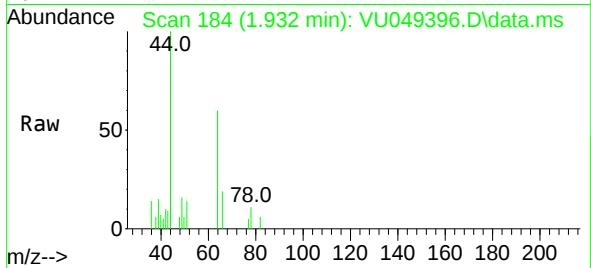
Tgt Ion: 62 Resp: 3100
Ion Ratio Lower Upper
62 100
64 36.7 25.3 37.9





#6
Chloroethane
Concen: 1.933 ug/l
RT: 1.932 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

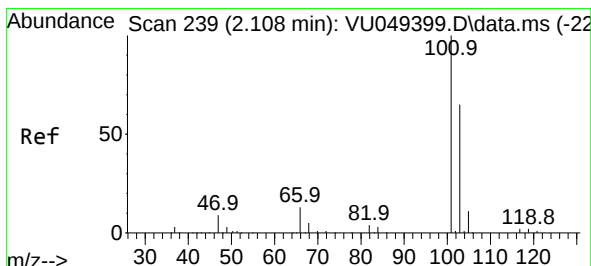
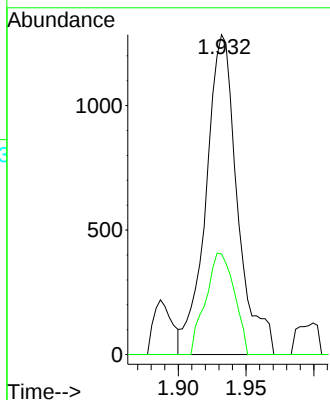
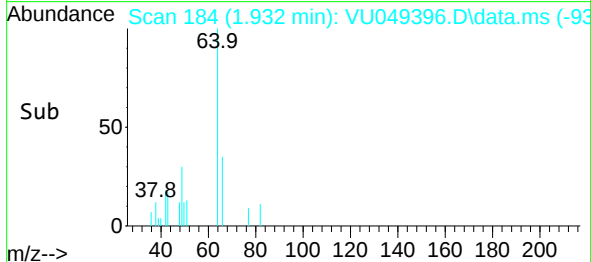
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



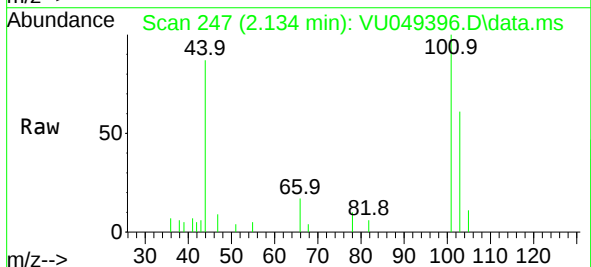
Tgt Ion: 64 Resp: 2075
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1

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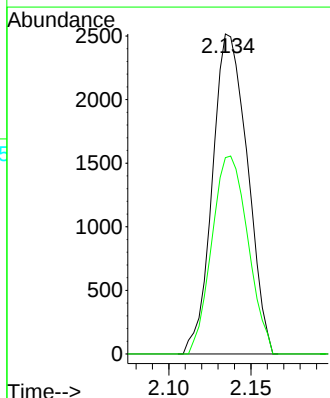
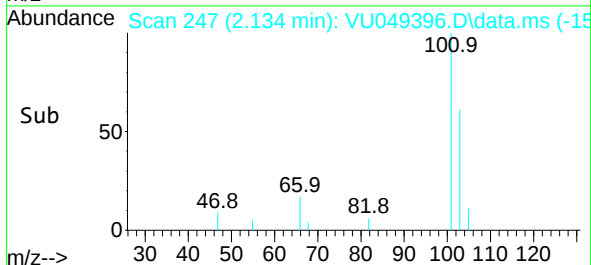
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

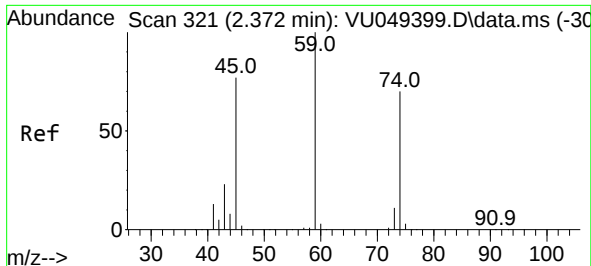


#7
Trichlorofluoromethane
Concen: 1.100 ug/l
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion:101 Resp: 3732
Ion Ratio Lower Upper
101 100
103 61.4 50.6 75.8





#8

Diethyl Ether

Concen: 1.241 ug/l

RT: 2.376 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 74 Resp: 144

Ion Ratio Lower Upper

74 100

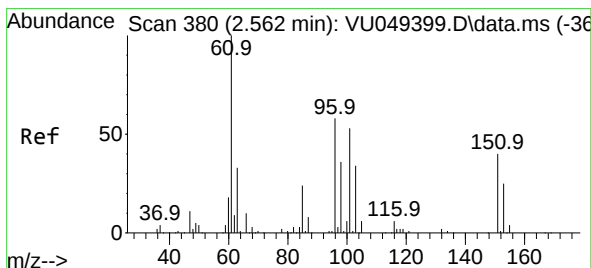
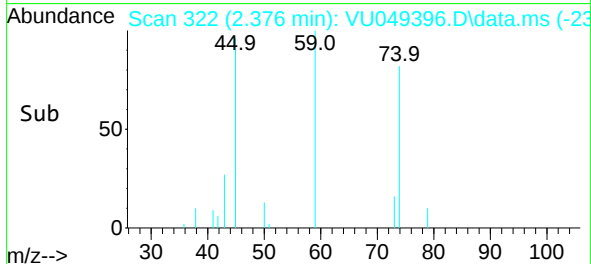
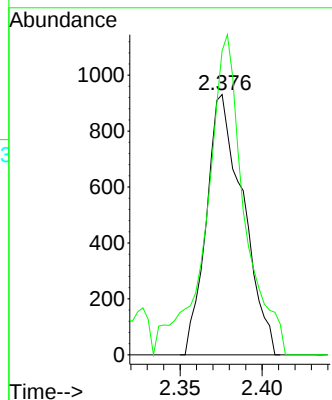
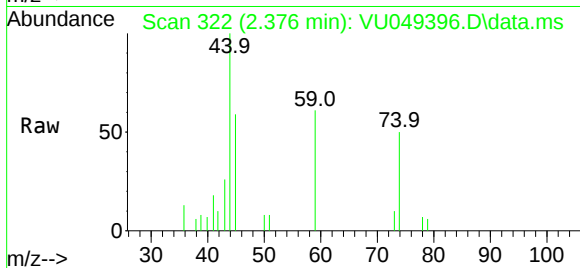
45 127.4 44.4 133.2

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.002 ug/l

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

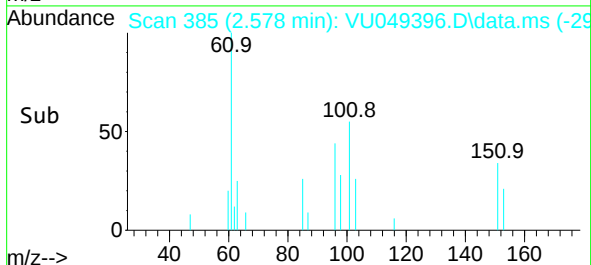
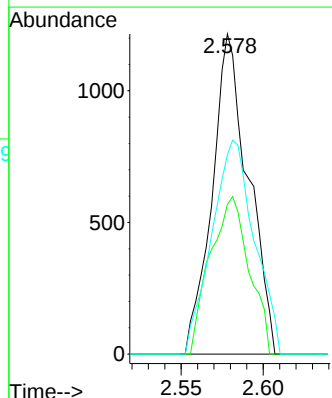
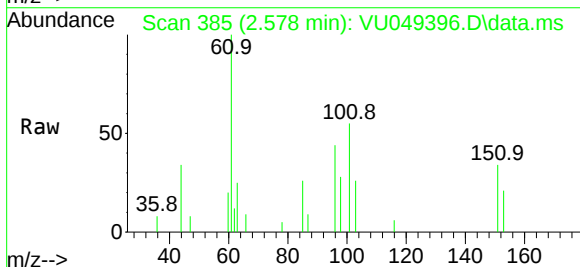
Tgt Ion:101 Resp: 1860

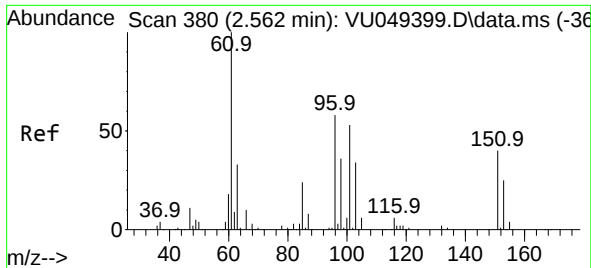
Ion Ratio Lower Upper

101 100

85 53.2 33.9 50.9#

151 78.6 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.986 ug/l

RT: 2.581 min Scan# 380

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

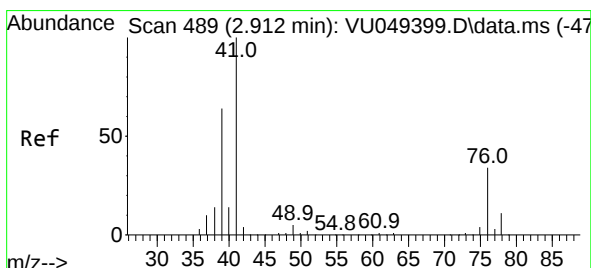
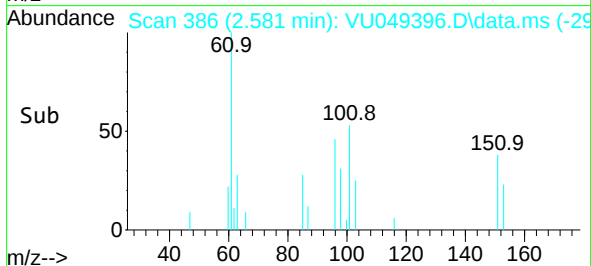
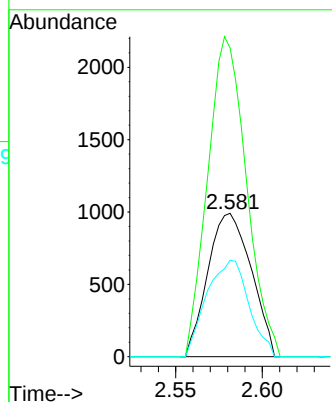
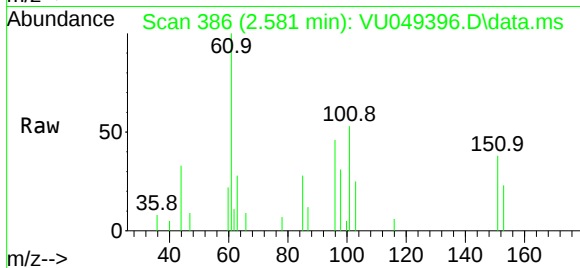
Tgt Ion: 96	Resp: 172
Ion Ratio	Lower Upper
96	100
61	215.2 122.2 183.2
98	67.3 50.7 76.1

Manual Integrations

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#14

Allyl chloride

Concen: 1.106 ug/l

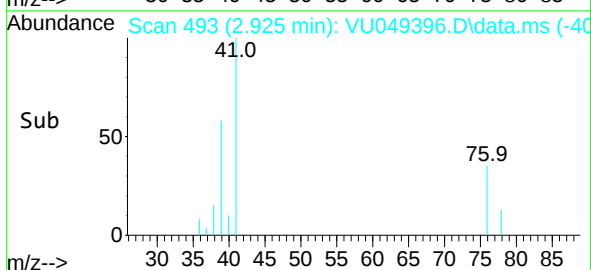
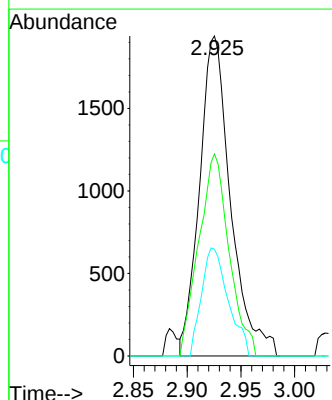
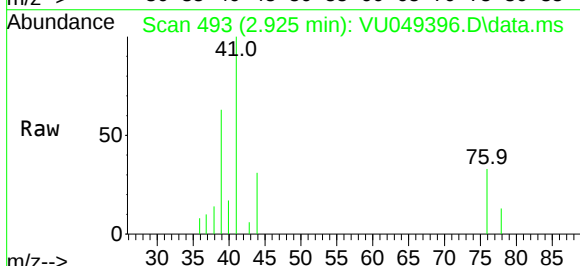
RT: 2.925 min Scan# 493

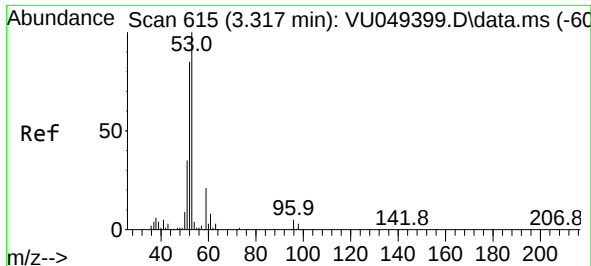
Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

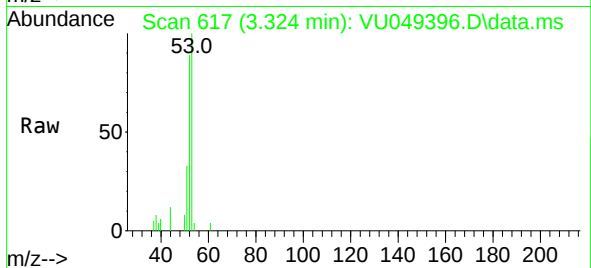
Tgt Ion: 41	Resp: 3905
Ion Ratio	Lower Upper
41	100
39	61.5 53.4 80.2
76	28.9 33.8 50.6





#15
Acrylonitrile
Concen: 5.467 ug/l
RT: 3.324 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

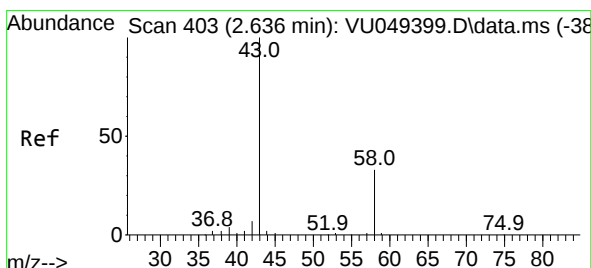
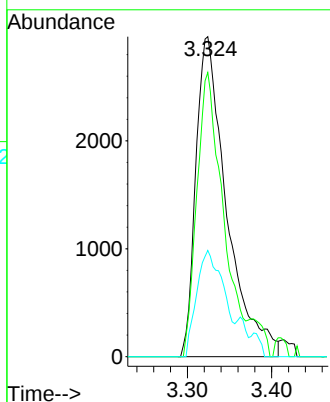
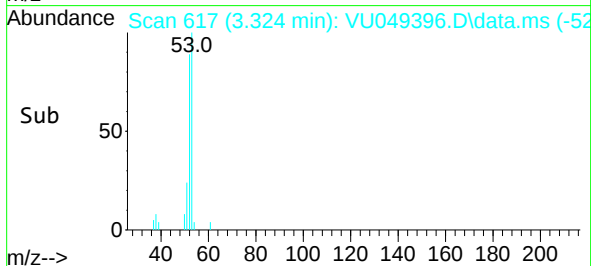
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 7538
Ion Ratio Lower Upper
53 100
52 74.8 65.7 98.5
51 29.3 28.2 42.4

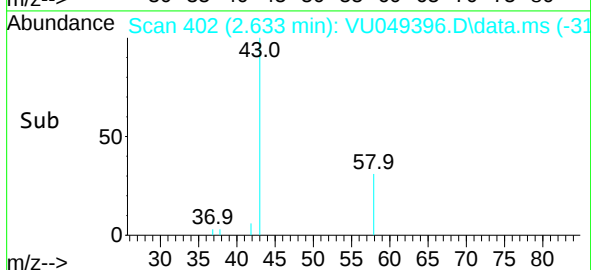
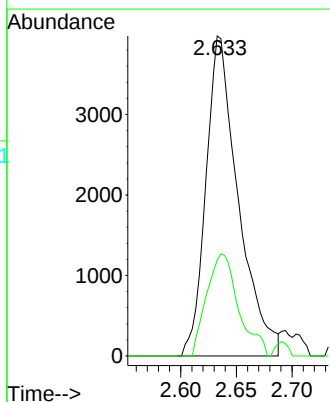
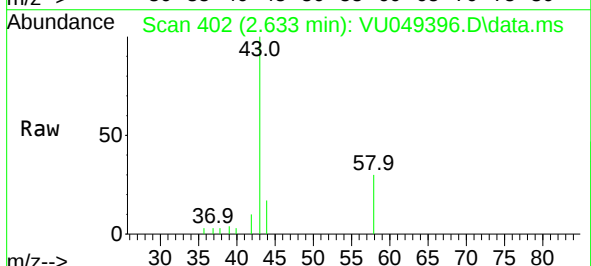
Manual Integrations
APPROVED

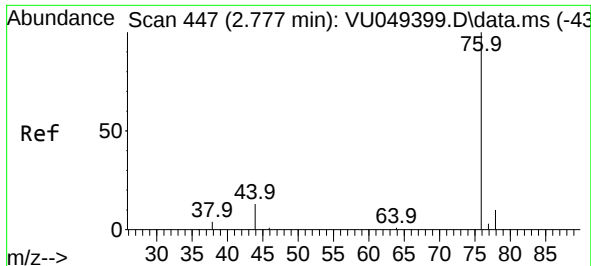
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Acetone
Concen: 7.050 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.019 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

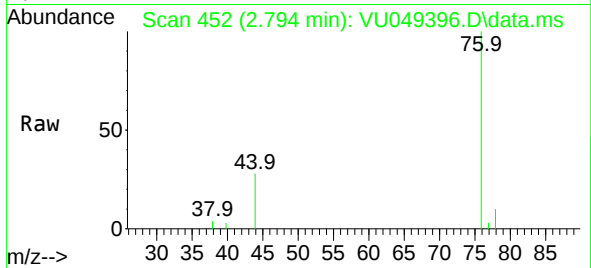
Tgt Ion: 43 Resp: 8027
Ion Ratio Lower Upper
43 100
58 30.0 27.5 41.3





#17
Carbon Disulfide
Concen: 1.310 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

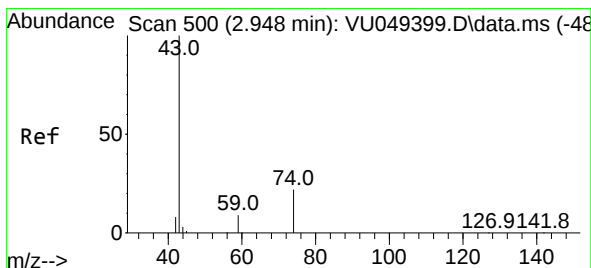
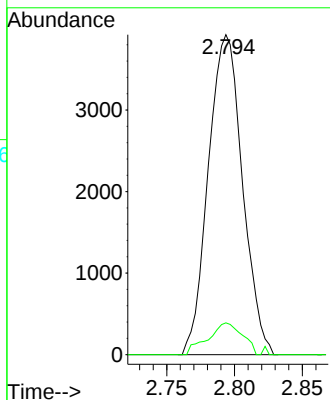
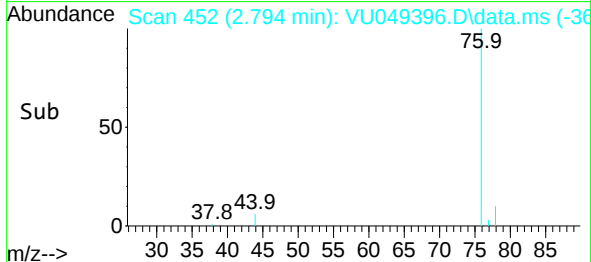
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 6878
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

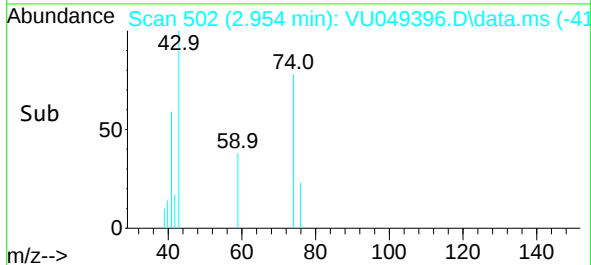
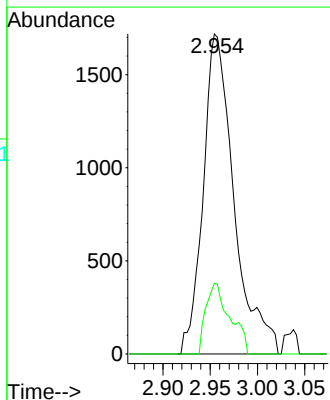
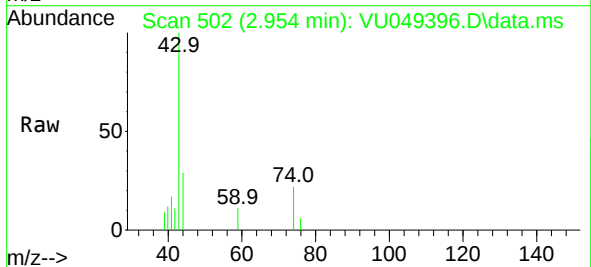
Manual Integrations
APPROVED

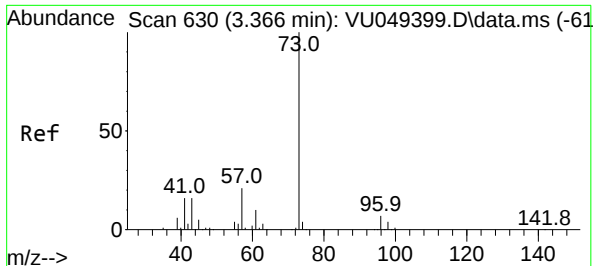
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 1.205 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
74 17.1 22.5 33.7#





#19

Methyl tert-butyl Ether

Concen: 1.074 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 73 Resp: 698

Ion Ratio Lower Upper

73 100

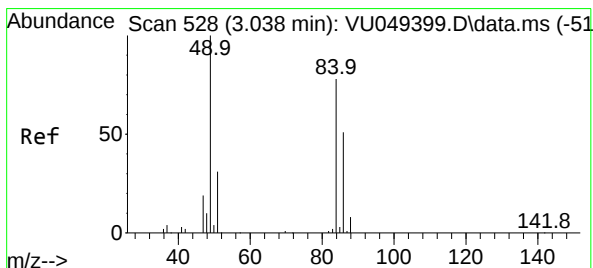
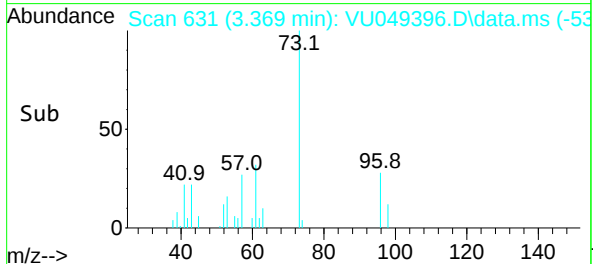
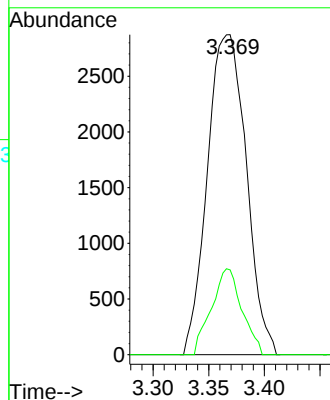
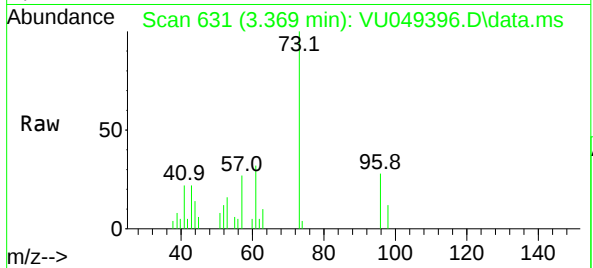
57 26.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#20

Methylene Chloride

Concen: 1.306 ug/l

RT: 3.048 min Scan# 531

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Tgt Ion: 84 Resp: 2740

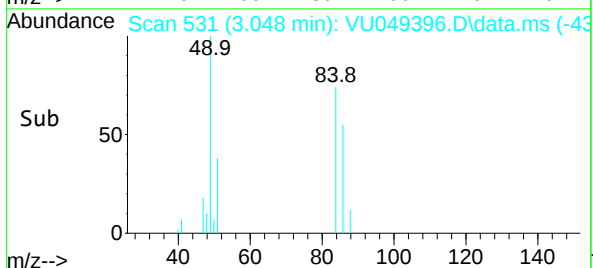
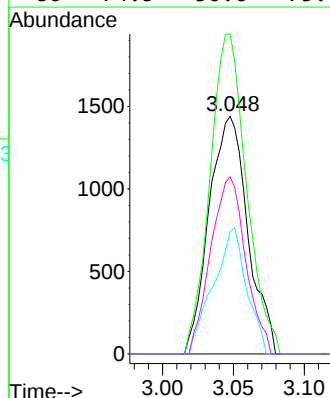
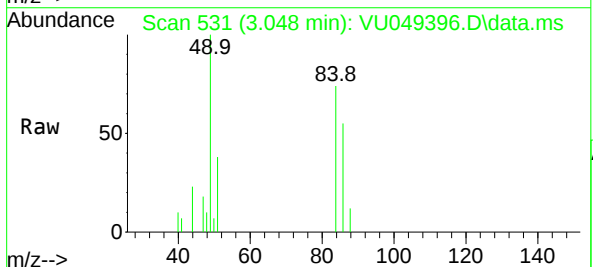
Ion Ratio Lower Upper

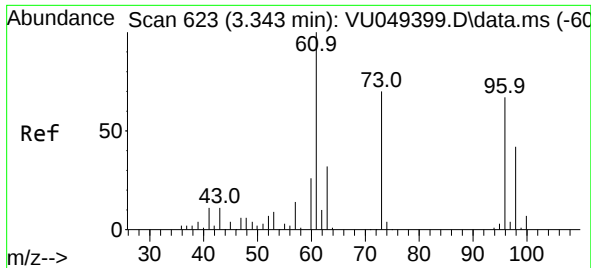
84 100

49 134.7 86.6 129.8#

51 51.5 26.6 40.0#

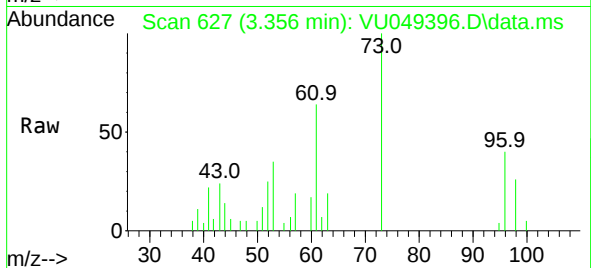
86 74.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 1.145 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

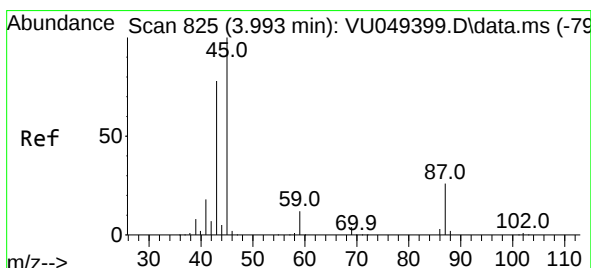
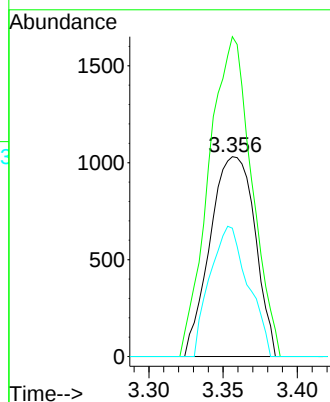
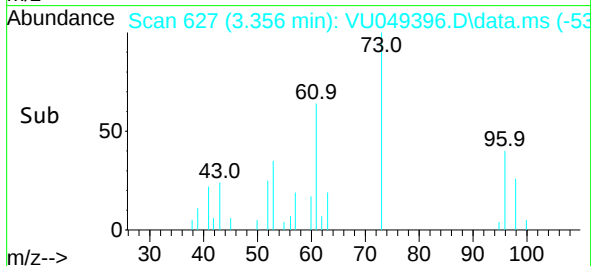
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 2169
Ion Ratio Lower Upper
96 100
61 160.0 106.1 159.1#
98 64.2 50.8 76.2

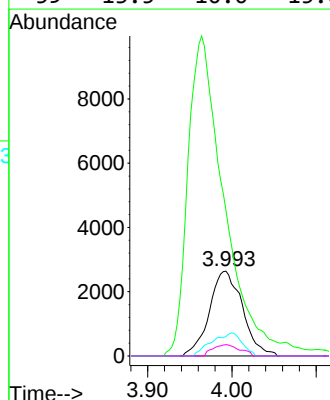
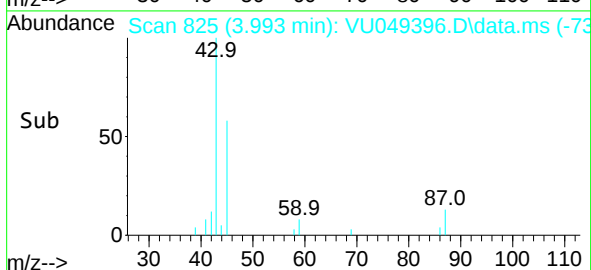
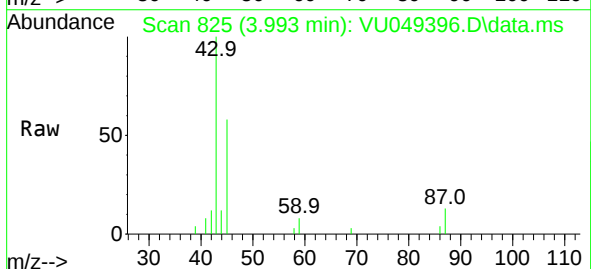
Manual Integrations
APPROVED

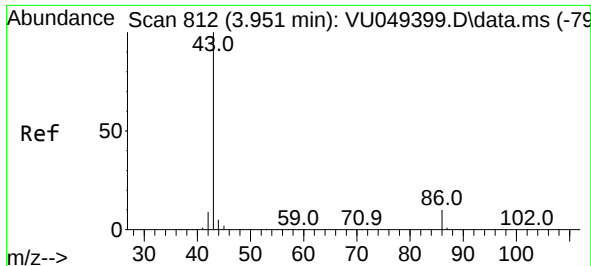
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
Diisopropyl ether
Concen: 1.054 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion: 45 Resp: 7214
Ion Ratio Lower Upper
45 100
43 156.7 92.9 139.3#
87 23.0 26.2 39.2#
59 13.5 10.0 15.0





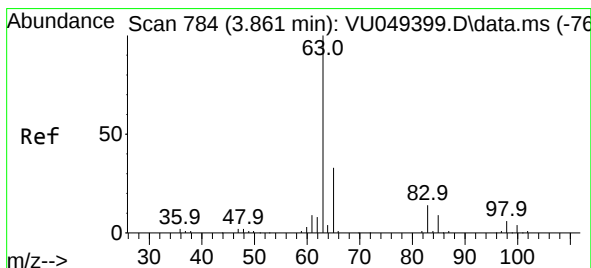
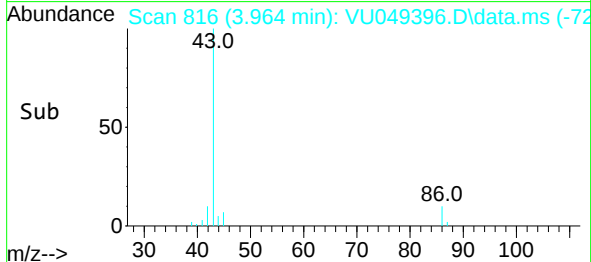
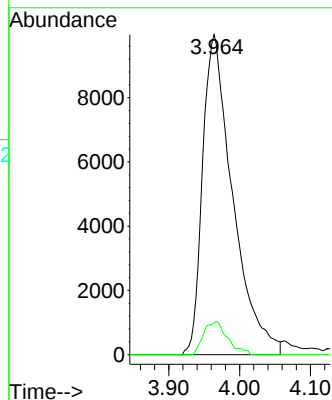
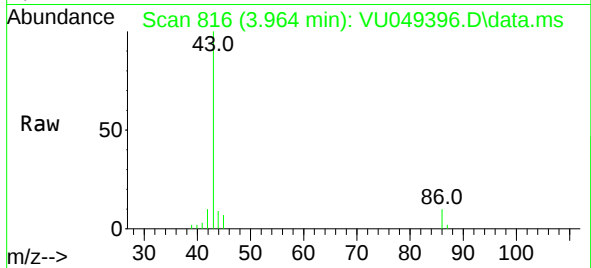
#23
 Vinyl Acetate
 Concen: 4.854 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049396.D
 Acq: 27 Jun 2022 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 2943
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.8 14.8

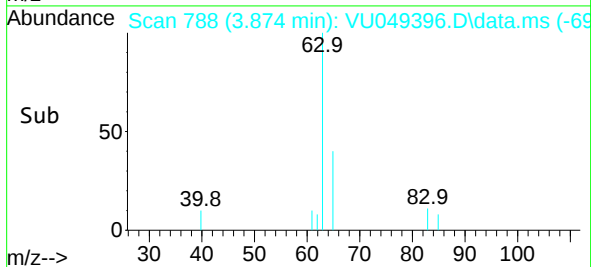
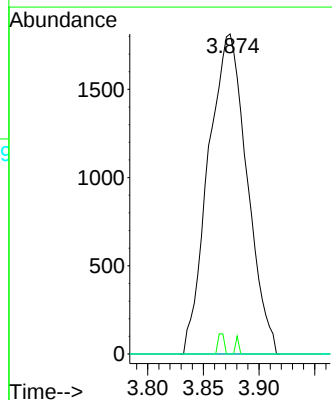
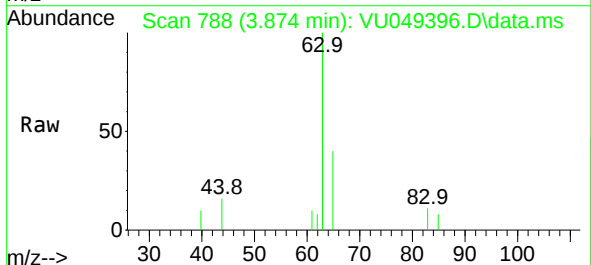
Manual Integrations
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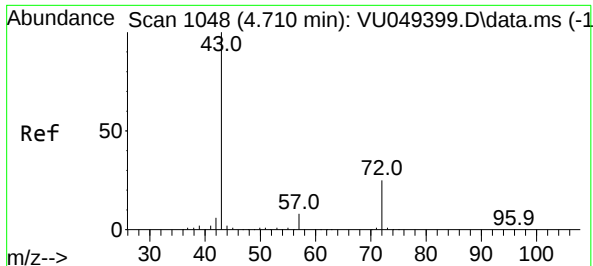
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 1.130 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU049396.D
 Acq: 27 Jun 2022 10:35

Tgt Ion: 63 Resp: 4383
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 6.002 ug/l

RT: 4.720 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

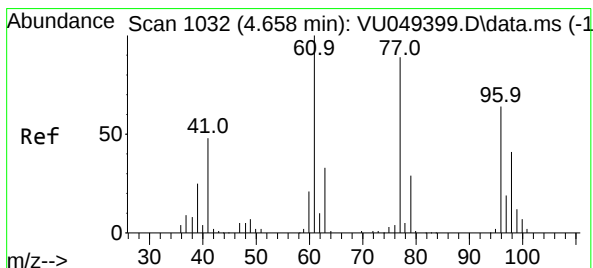
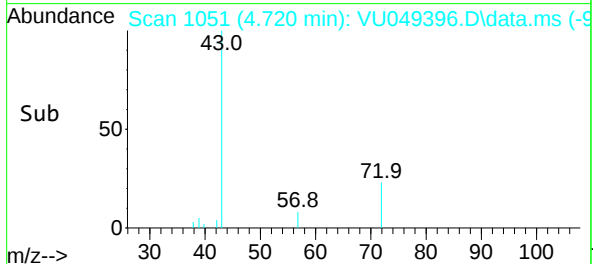
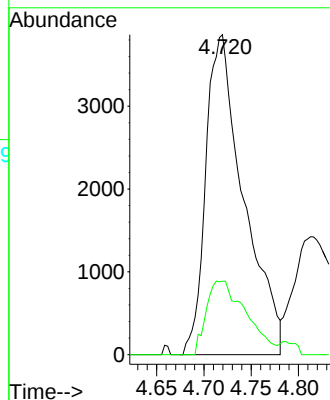
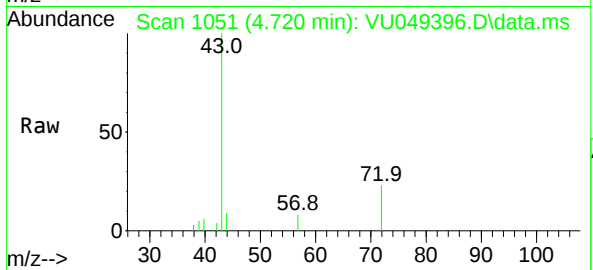
72 22.9 23.8 35.6

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#26

2,2-Dichloropropane

Concen: 1.090 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU049396.D

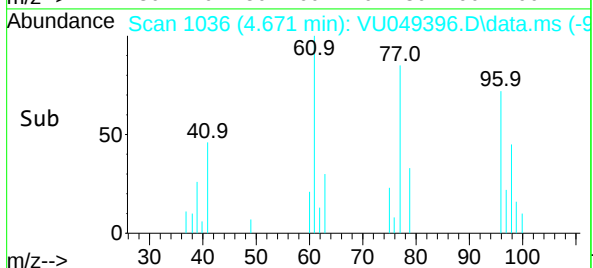
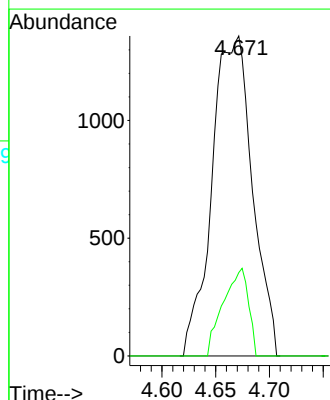
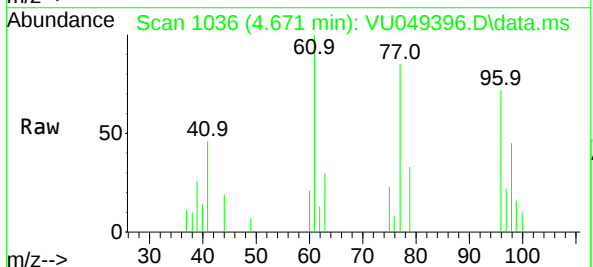
Acq: 27 Jun 2022 10:35

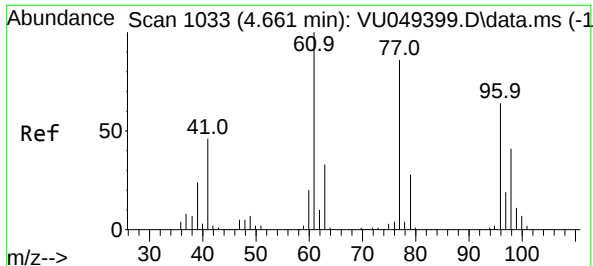
Tgt Ion: 77 Resp: 3554

Ion Ratio Lower Upper

77 100

97 17.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 1.152 ug/l

RT: 4.671 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 251

Ion Ratio Lower Upper

96 100

61 147.6 0.0 271.6

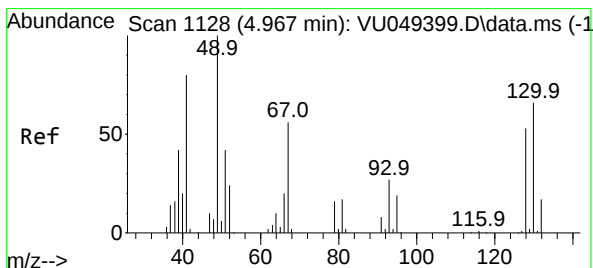
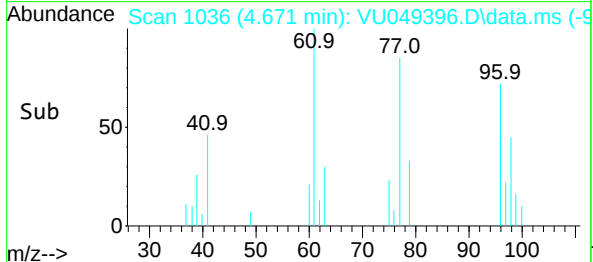
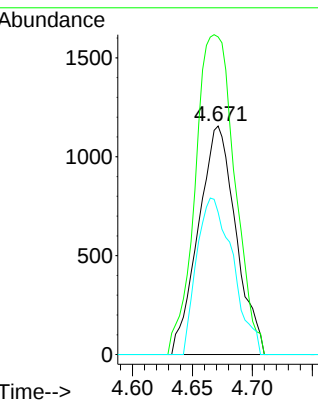
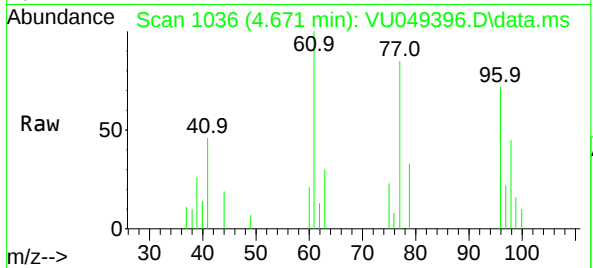
98 66.1 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

Bromochloromethane

Concen: 0.974 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

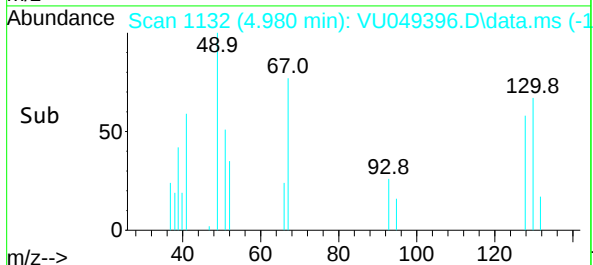
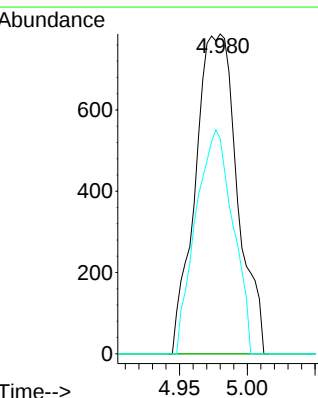
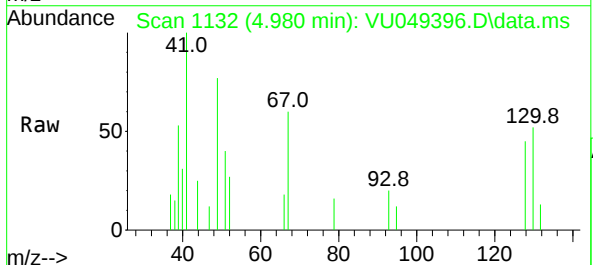
Tgt Ion: 49 Resp: 1700

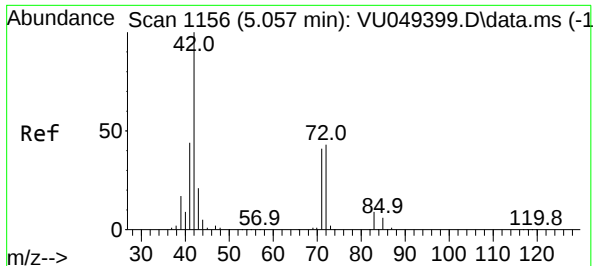
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 61.8 76.9 115.3#





#29

Tetrahydrofuran

Concen: 5.846 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

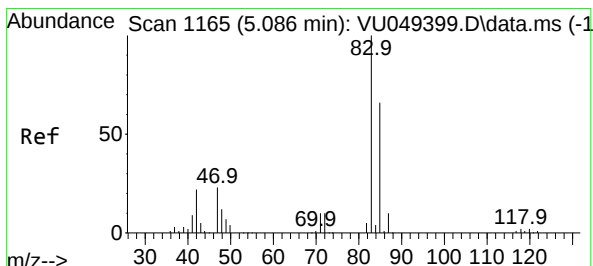
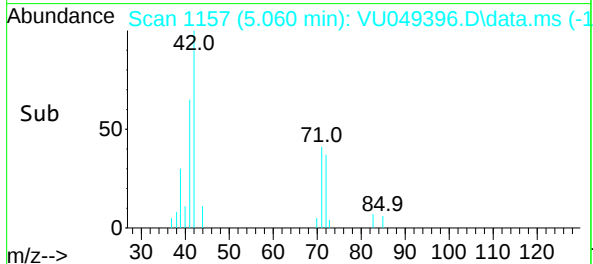
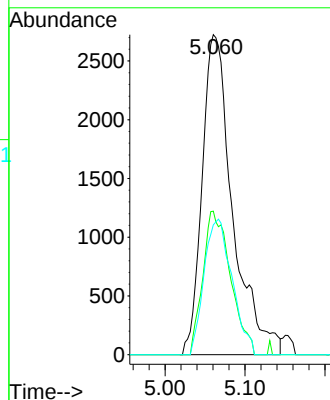
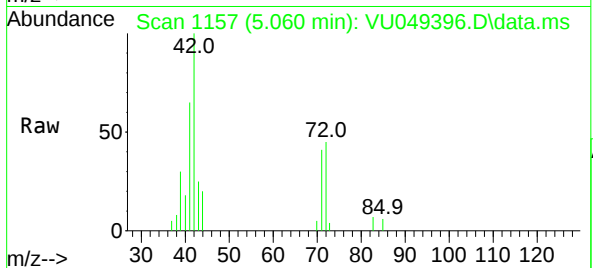
Tgt Ion:	42	Resp:	7234
Ion	Ratio	Lower	Upper
42	100		
72	40.6	42.6	63.8
71	38.7	40.3	60.5

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 1.073 ug/l

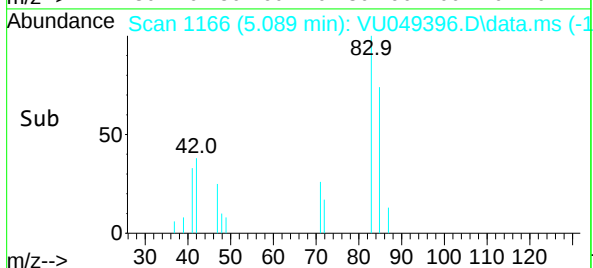
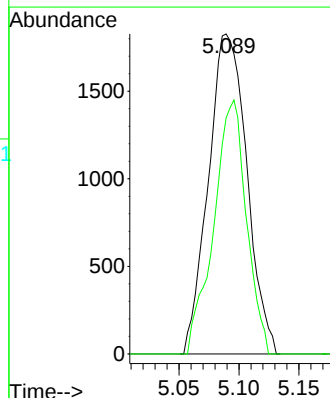
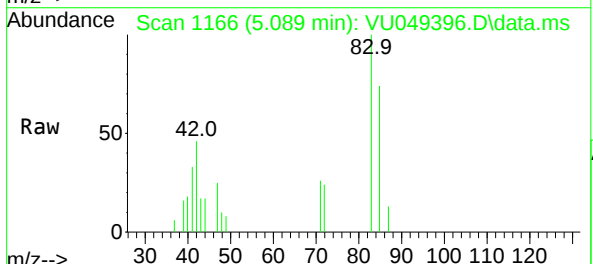
RT: 5.089 min Scan# 1166

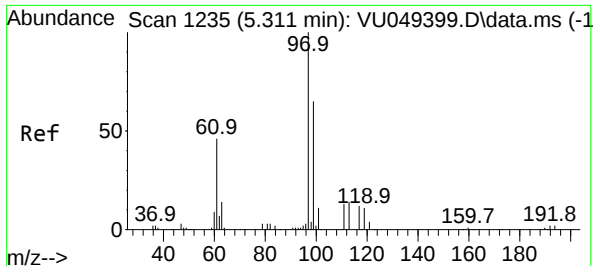
Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Tgt Ion:	83	Resp:	4076
Ion	Ratio	Lower	Upper
83	100		
85	73.7	51.2	76.8





#32

1,1,1-Trichloroethane

Concen: 1.078 ug/l

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 373

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6

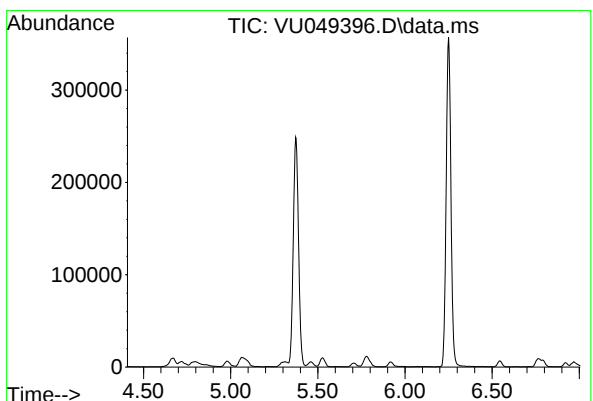
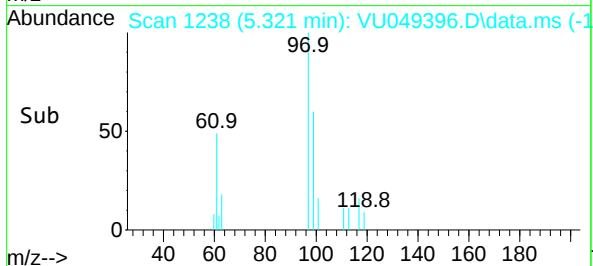
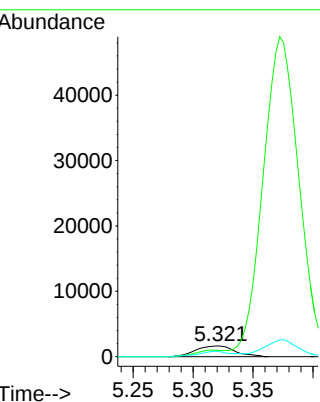
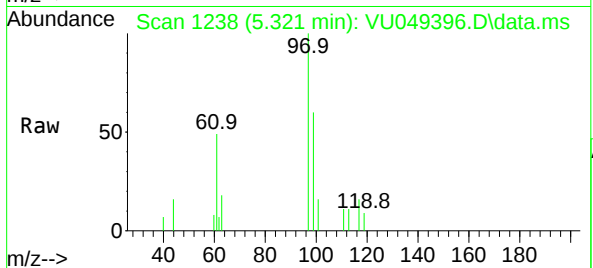
61 40.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.71 min

Lab File: VU049396.D

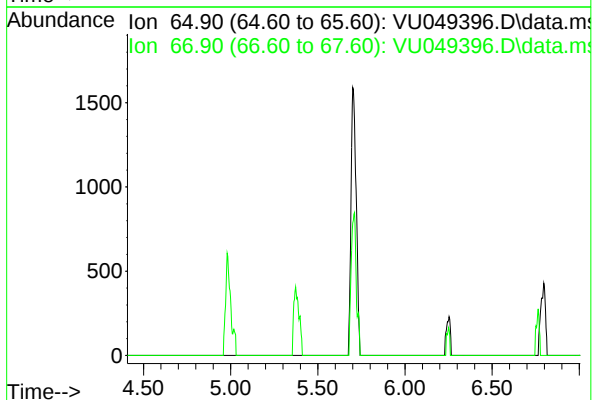
Acq: 27 Jun 2022 10:35

Tgt Ion: 65

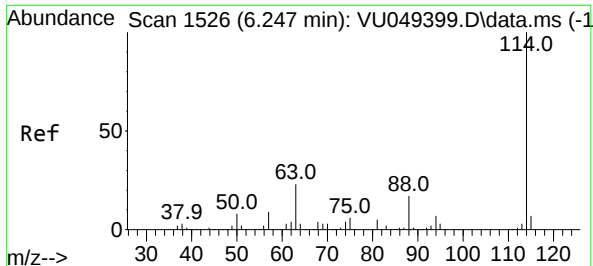
Sig Exp Ratio

65 100

67 54.0



Ion 66.90 (66.60 to 67.60): VU049396.D\data.ms



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 275244

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

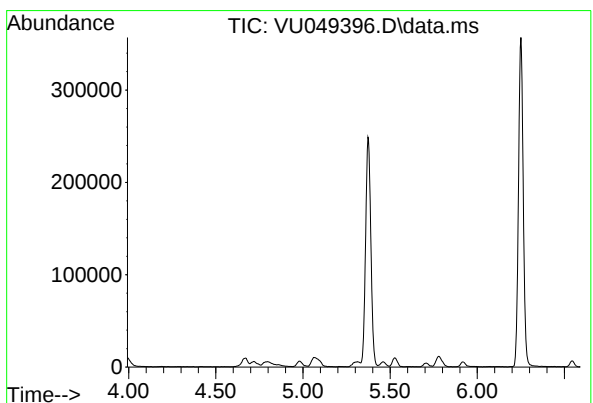
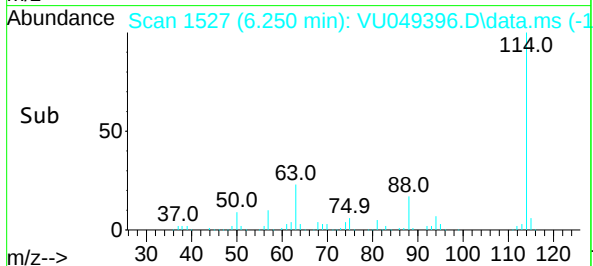
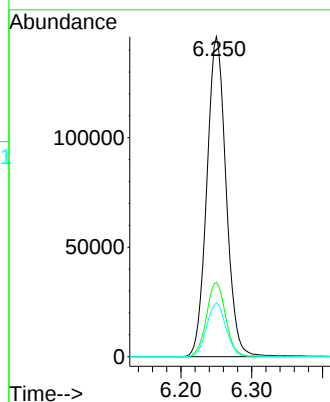
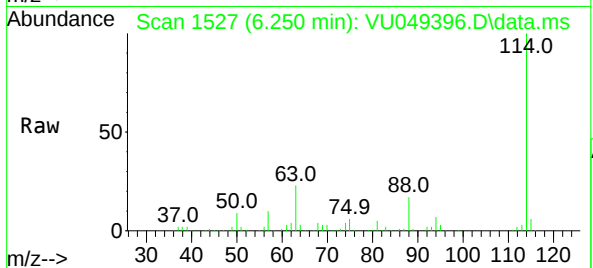
88 16.8 0.0 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.29 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

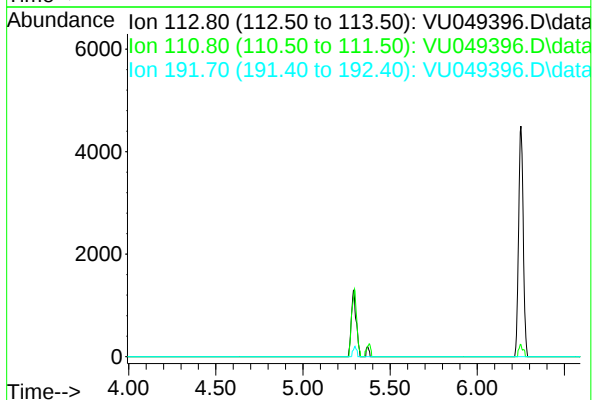
Tgt Ion: 113

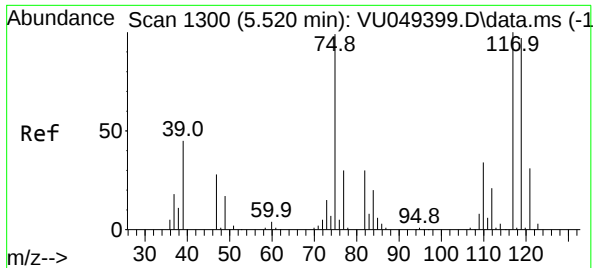
Sig Exp Ratio

113 100

111 102.6

192 22.5





#36

1,1-Dichloropropene

Concen: 1.058 ug/l

RT: 5.527 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 2989

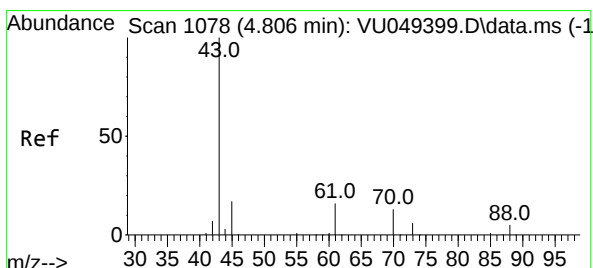
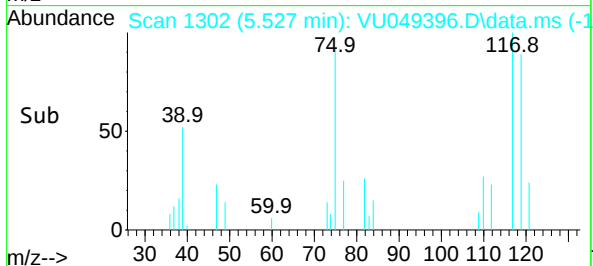
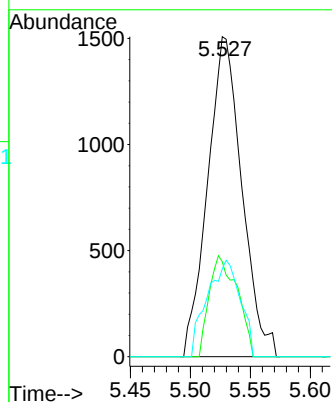
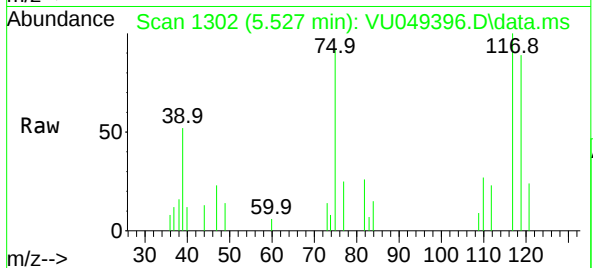
Ion	Ratio	Lower	Upper
75	100		
110	25.9	18.4	55.2
77	29.1	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#37

Ethyl Acetate

Concen: 1.064 ug/l

RT: 4.813 min Scan# 1080

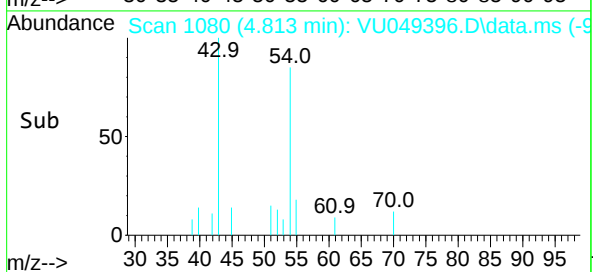
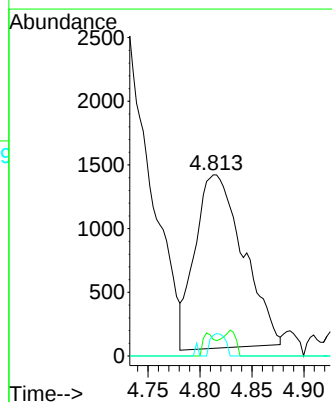
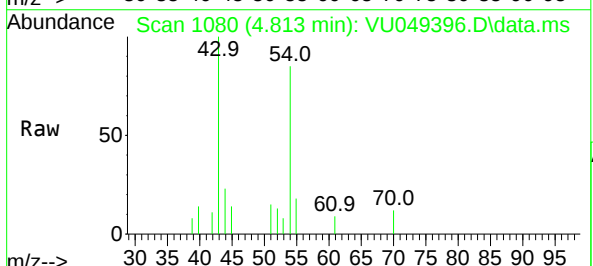
Delta R.T. 0.003 min

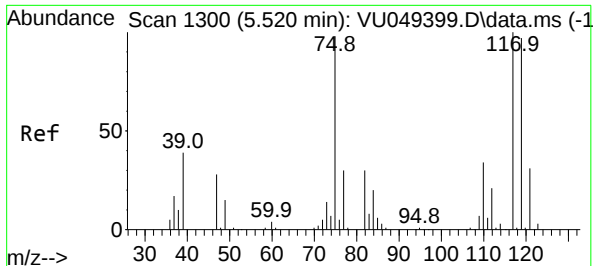
Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Tgt Ion: 43 Resp: 4401

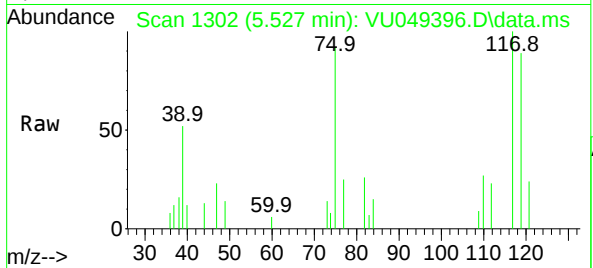
Ion	Ratio	Lower	Upper
43	100		
61	3.2	9.5	14.3#
70	4.0	7.5	11.3#





#38
Carbon Tetrachloride
Concen: 1.088 ug/l
RT: 5.527 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

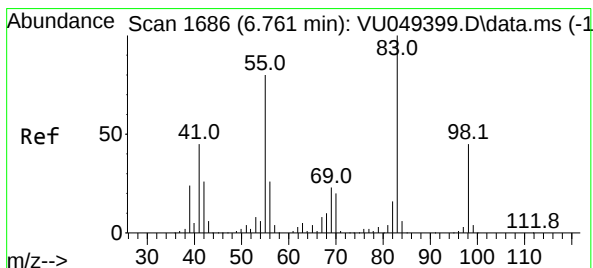
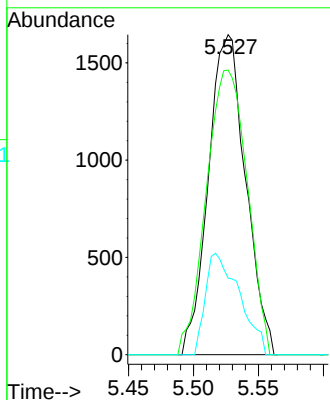
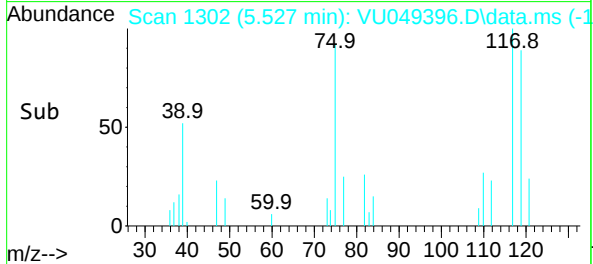
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



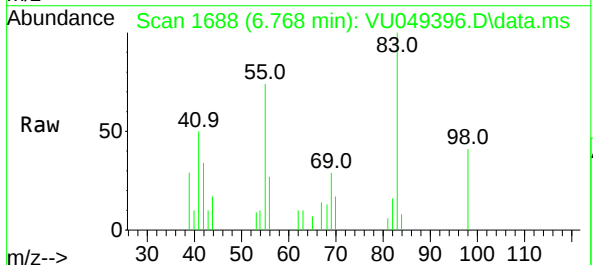
Tgt Ion: 117 Resp: 327
Ion Ratio Lower Upper
117 100
119 88.9 76.8 115.2
121 24.0 24.7 37.1

Manual Integrations
APPROVED

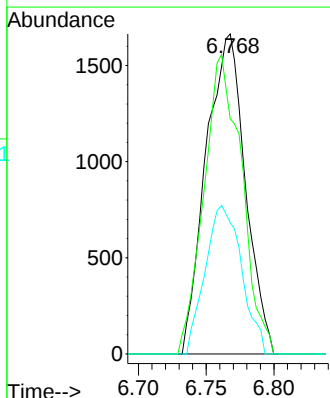
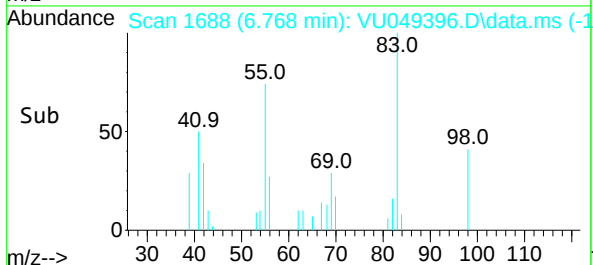
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

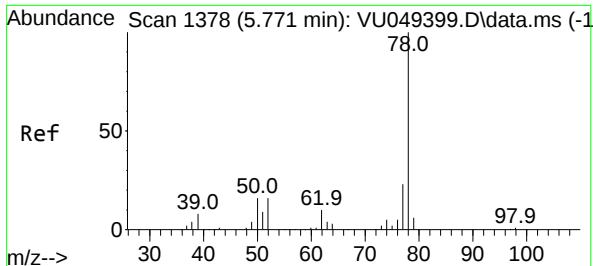


#39
Methylcyclohexane
Concen: 0.944 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion: 83 Resp: 3356
Ion Ratio Lower Upper
83 100
55 73.6 55.3 82.9
98 41.1 37.3 55.9





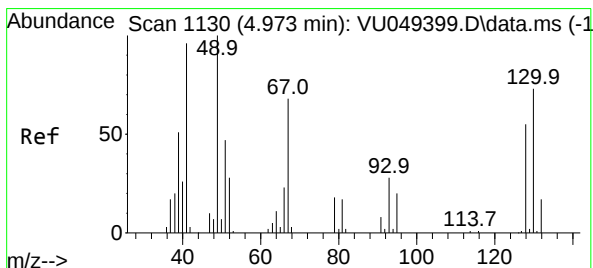
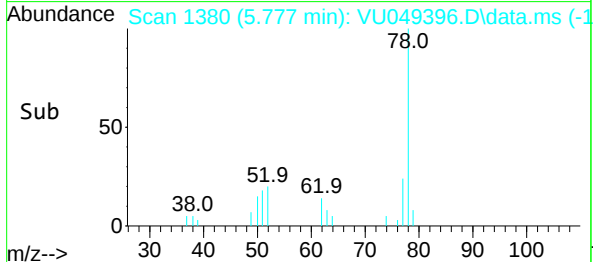
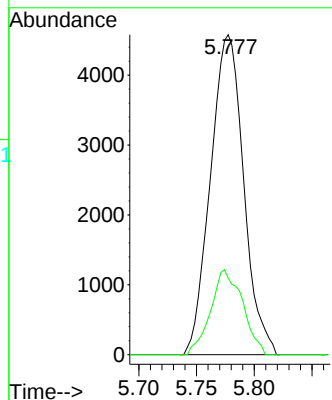
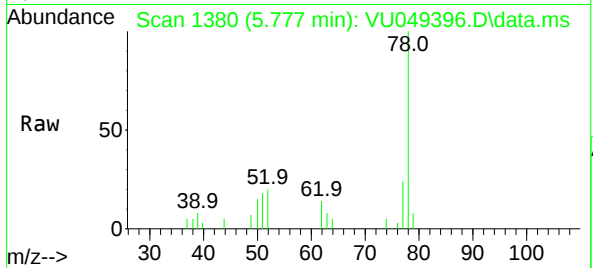
#40
Benzene
Concen: 1.082 ug/l
RT: 5.777 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 914
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

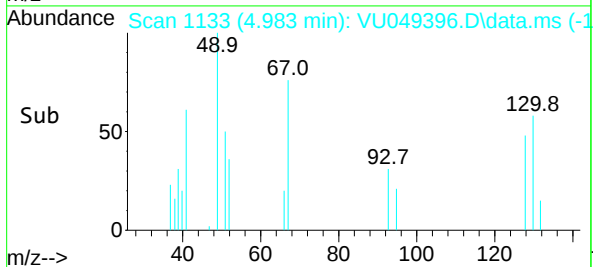
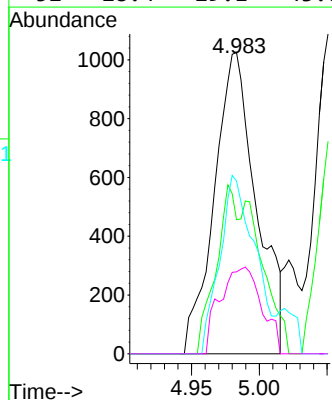
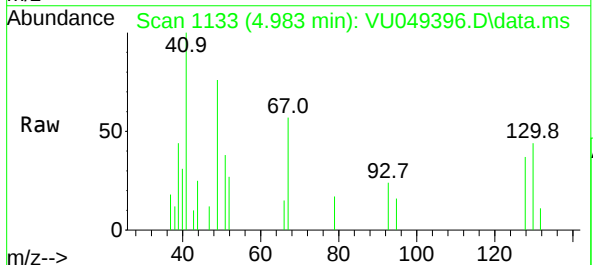
Manual Integrations
APPROVED

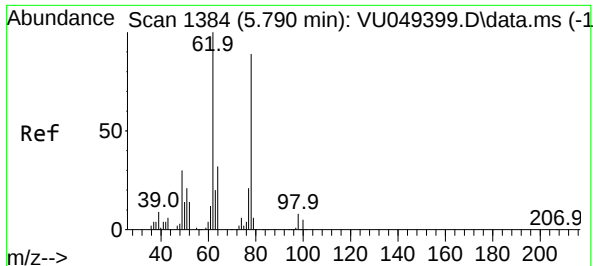
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#41
Methacrylonitrile
Concen: 1.184 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion: 41 Resp: 2221
Ion Ratio Lower Upper
41 100
39 27.2 43.1 64.7#
67 49.8 72.3 108.5#
52 28.4 29.1 43.7#





#42

1,2-Dichloroethane

Concen: 1.110 ug/l

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 353

Ion Ratio Lower Upper

62 100

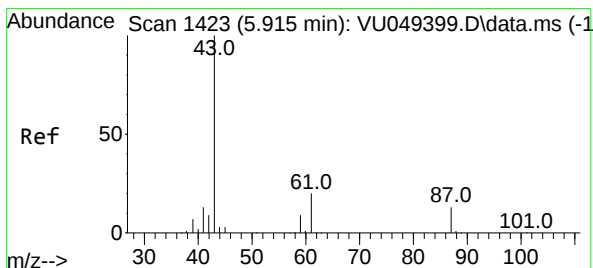
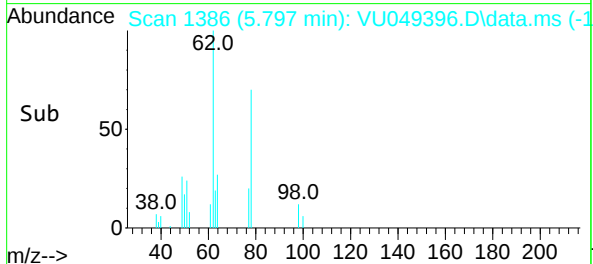
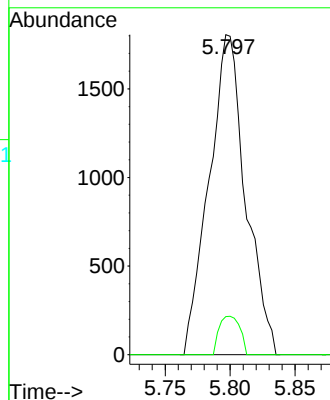
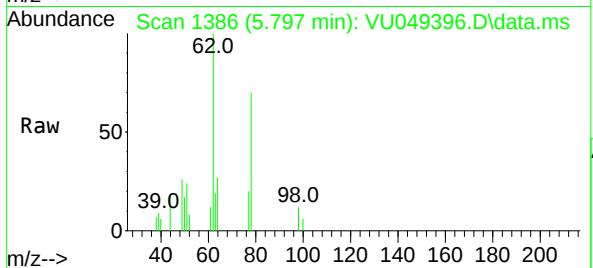
98 6.8 0.0 18.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#43

Isopropyl Acetate

Concen: 1.063 ug/l

RT: 5.916 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

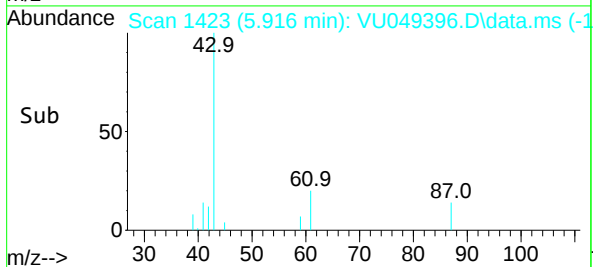
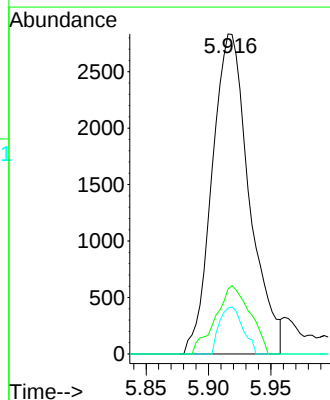
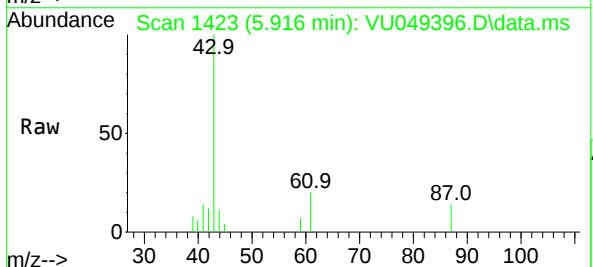
Tgt Ion: 43 Resp: 5895

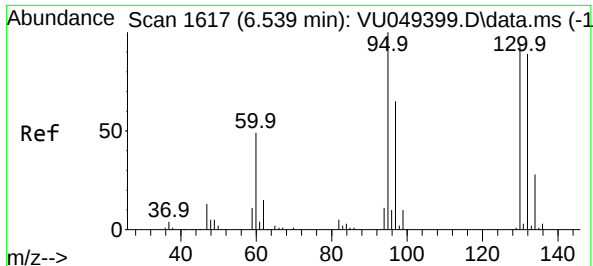
Ion Ratio Lower Upper

43 100

61 19.8 17.4 26.0

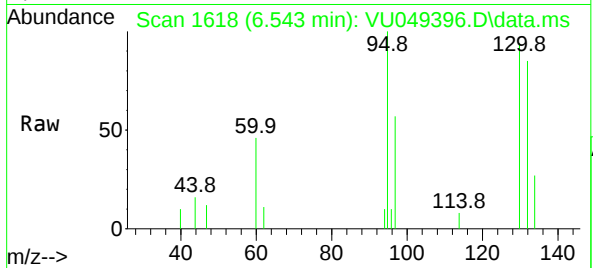
87 9.2 12.6 18.8





#44
Trichloroethene
Concen: 1.156 ug/l
RT: 6.543 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

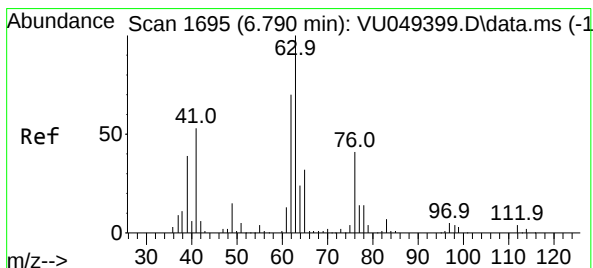
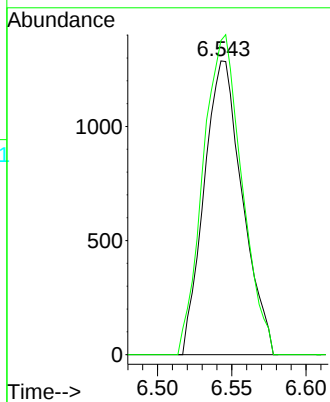
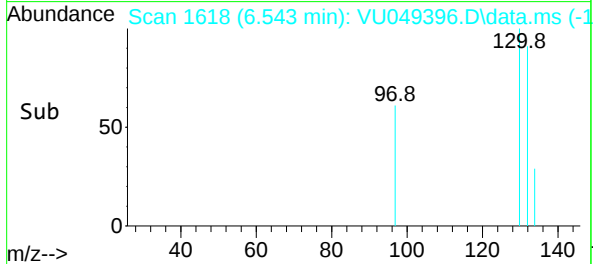
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



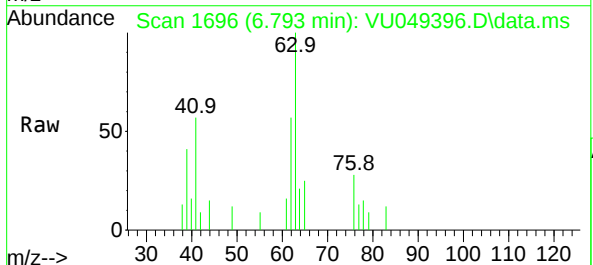
Tgt Ion:130 Resp: 231
Ion Ratio Lower Upper
130 100
95 106.9 0.0 184.6

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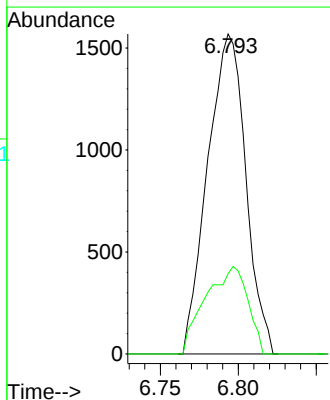
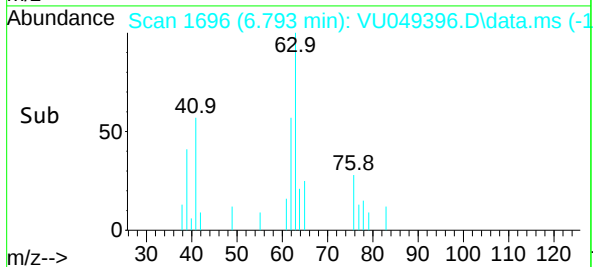
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

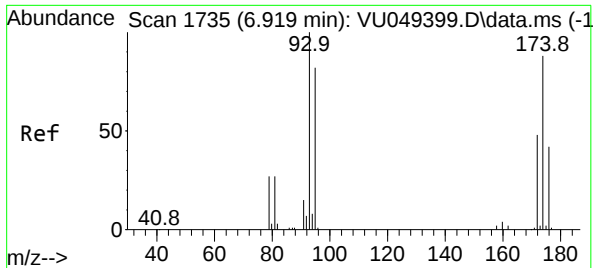


#45
1,2-Dichloropropane
Concen: 1.157 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



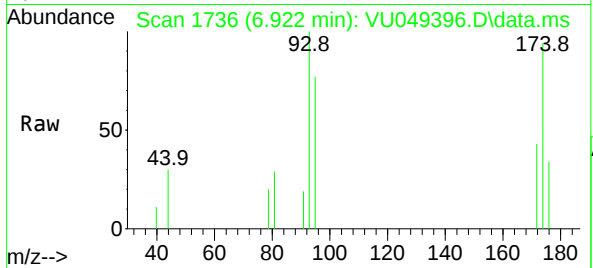
Tgt Ion: 63 Resp: 2669
Ion Ratio Lower Upper
63 100
65 25.1 25.0 37.4





#46
Dibromomethane
Concen: 1.087 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

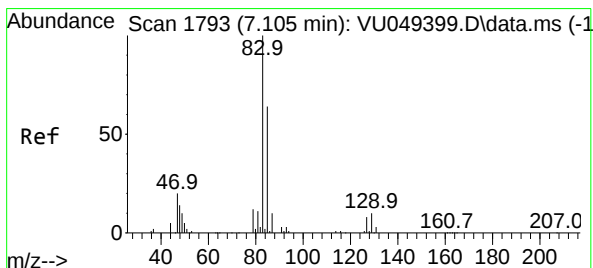
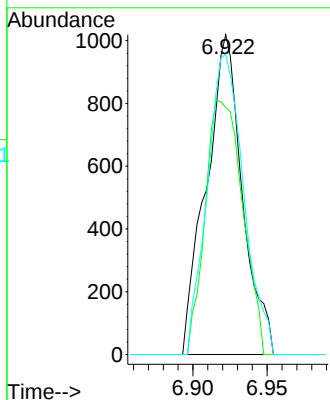
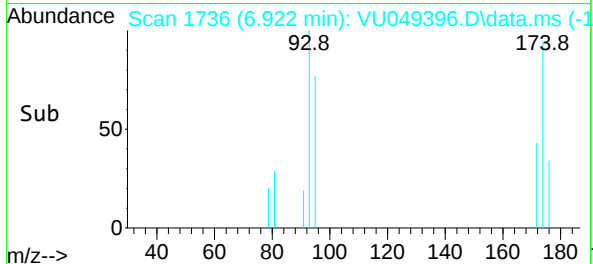
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



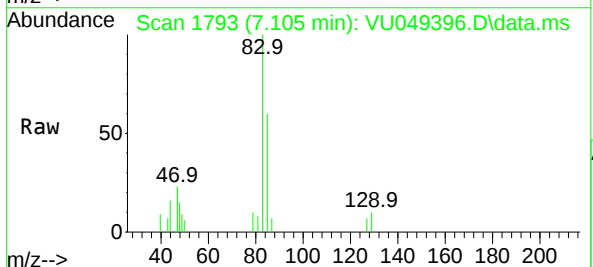
Tgt Ion: 93 Resp: 172
Ion Ratio Lower Upper
93 100
95 82.6 66.3 99.5
174 94.7 88.2 132.4

Manual Integrations
APPROVED

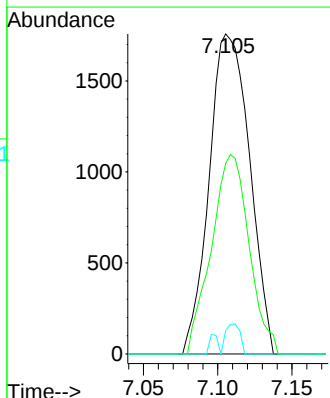
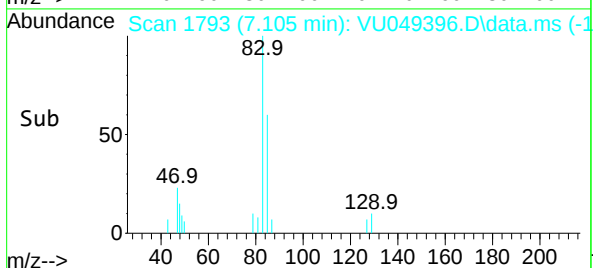
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

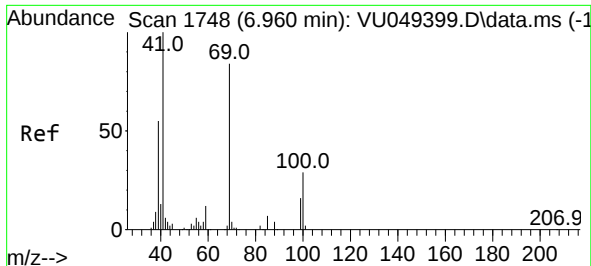


#47
Bromodichloromethane
Concen: 1.095 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion: 83 Resp: 3328
Ion Ratio Lower Upper
83 100
85 59.6 51.4 77.2
127 7.3 7.1 10.7





#48

Methyl methacrylate

Concen: 1.067 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

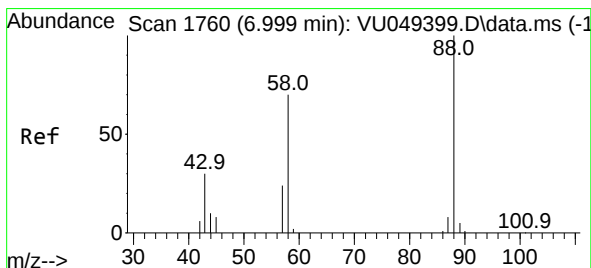
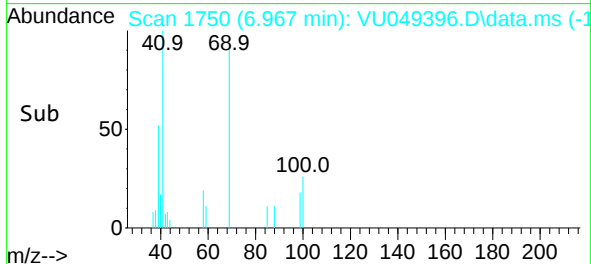
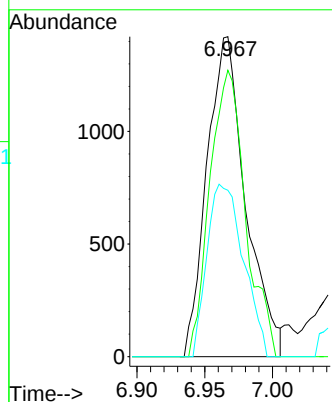
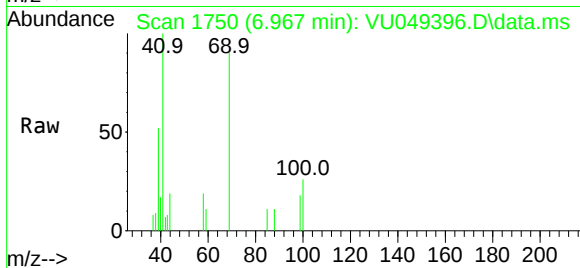
Tgt Ion:	41	Resp:	2818
Ion	Ratio	Lower	Upper
41	100		
69	82.4	79.8	119.6
39	50.7	47.9	71.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#49

1,4-Dioxane

Concen: 23.787 ug/l

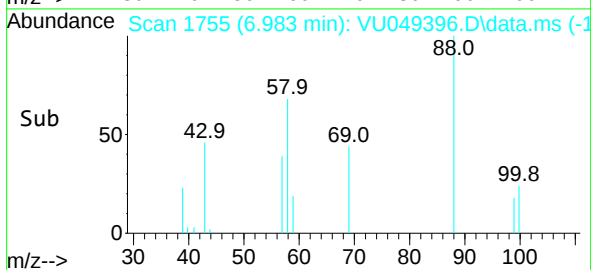
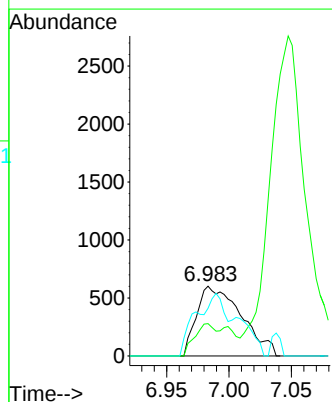
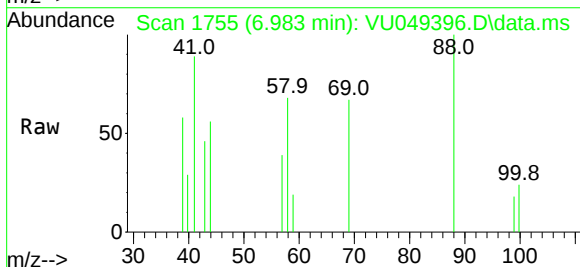
RT: 6.983 min Scan# 1755

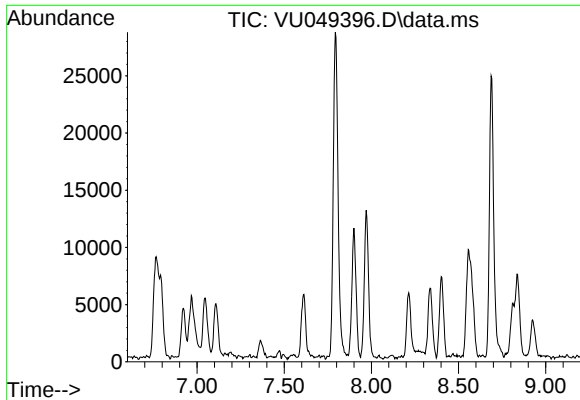
Delta R.T. -0.064 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Tgt Ion:	88	Resp:	1496
Ion	Ratio	Lower	Upper
88	100		
43	21.3	0.0	0.0#
58	16.6	15.4	23.0





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.90 min

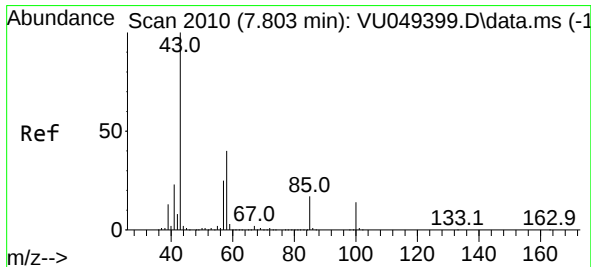
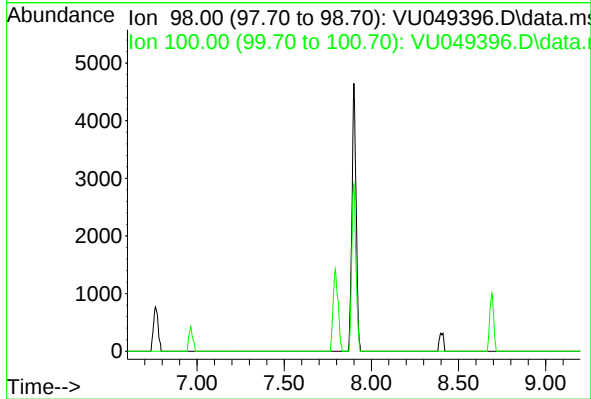
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.6

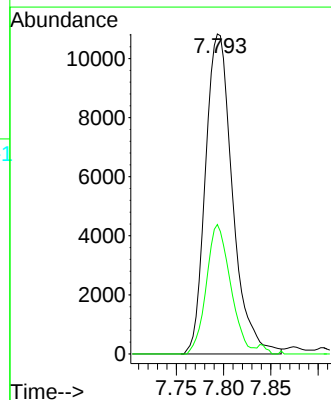
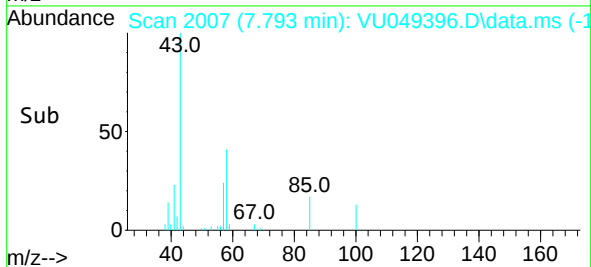
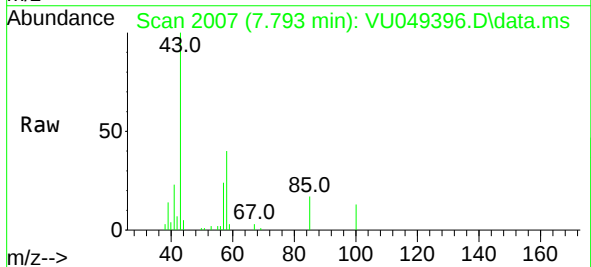
Manual Integrations APPROVED

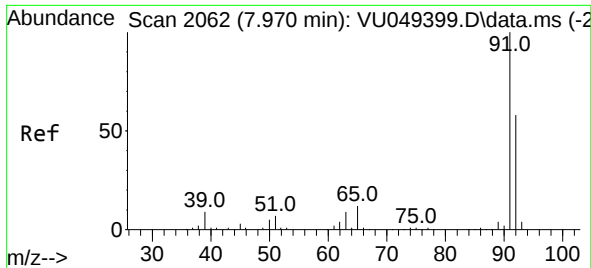
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#51
4-Methyl-2-Pentanone
Concen: 5.713 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

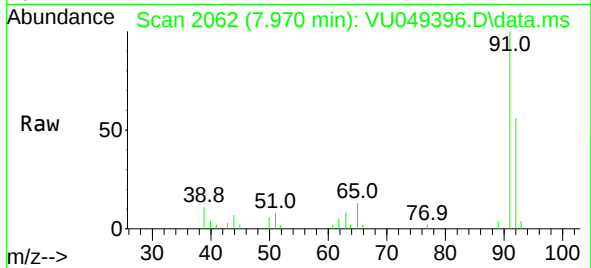
Tgt Ion: 43 Resp: 21510
Ion Ratio Lower Upper
43 100
58 36.4 34.7 52.1





#52
Toluene
Concen: 1.109 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

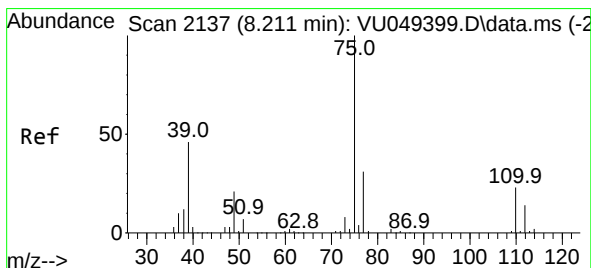
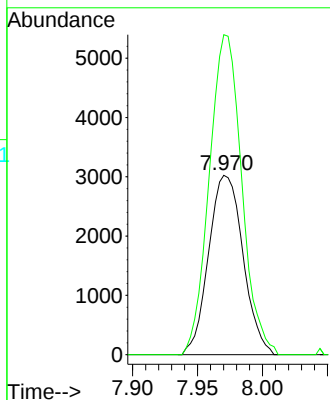
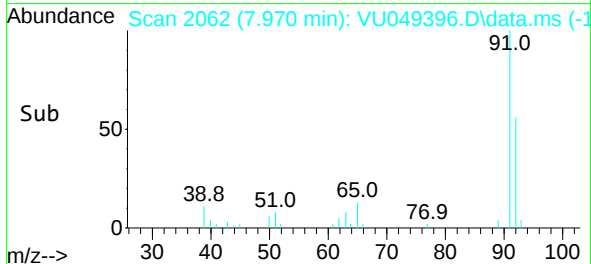
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



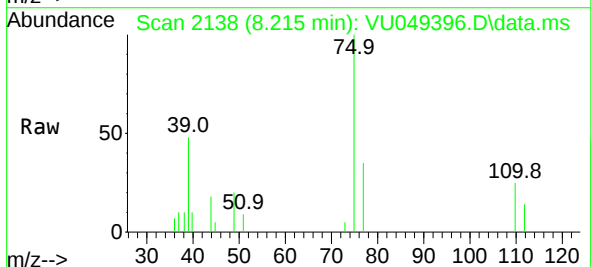
Tgt Ion: 92 Resp: 557
Ion Ratio Lower Upper
92 100
91 168.5 138.2 207.4

Manual Integrations
APPROVED

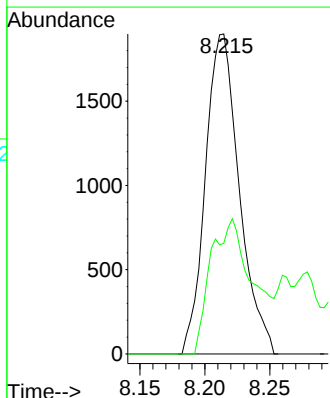
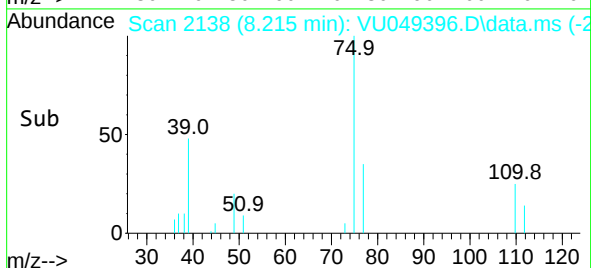
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

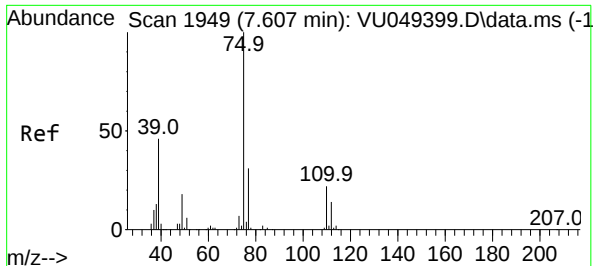


#53
t-1,3-Dichloropropene
Concen: 1.034 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



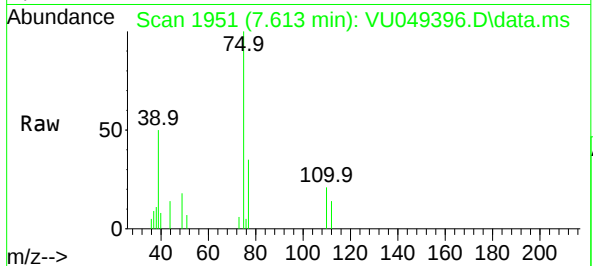
Tgt Ion: 75 Resp: 3439
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.979 ug/l
RT: 7.613 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

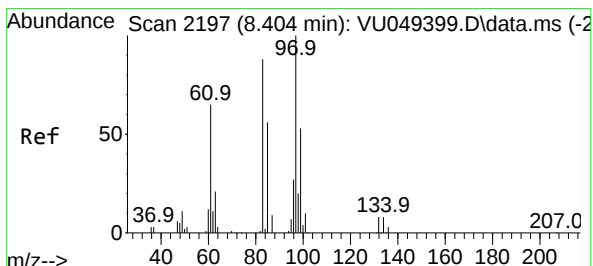
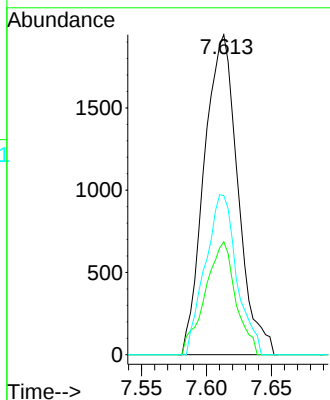
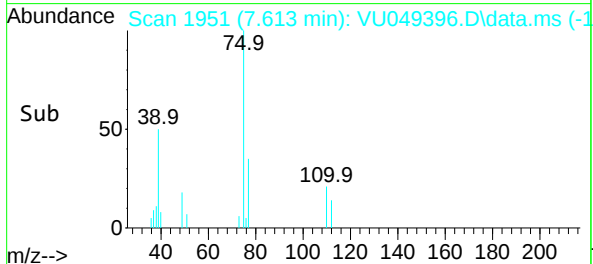
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 349
Ion Ratio Lower Upper
75 100
77 35.3 25.7 38.5
39 49.7 33.0 49.6

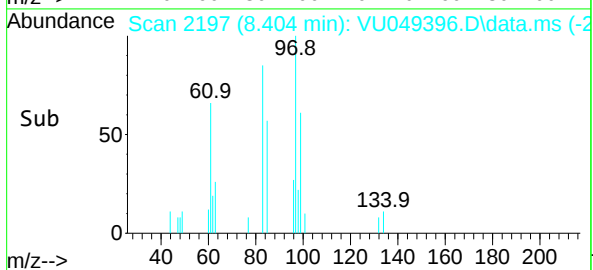
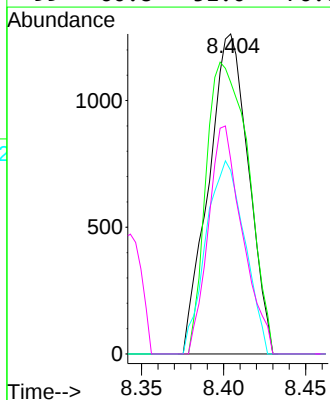
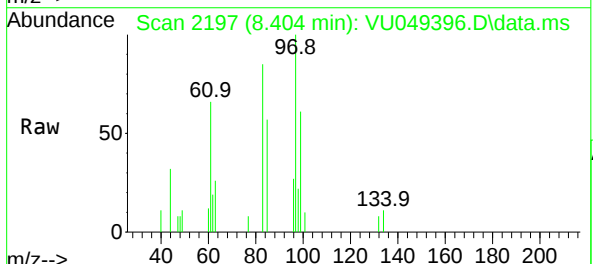
Manual Integrations
APPROVED

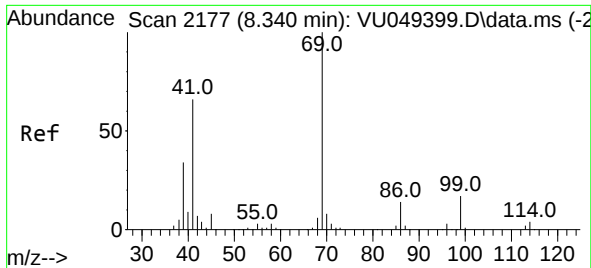
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#55
1,1,2-Trichloroethane
Concen: 1.001 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

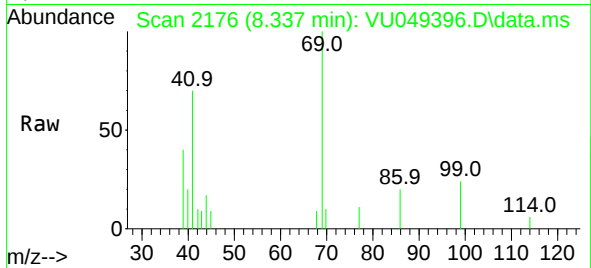
Tgt Ion: 97 Resp: 2132
Ion Ratio Lower Upper
97 100
83 84.9 70.2 105.4
85 57.3 44.6 66.8
99 60.8 51.0 76.6





#56
Ethyl methacrylate
Concen: 0.855 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

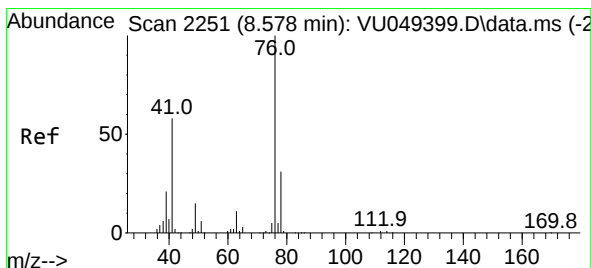
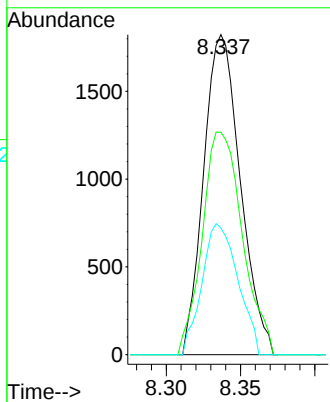
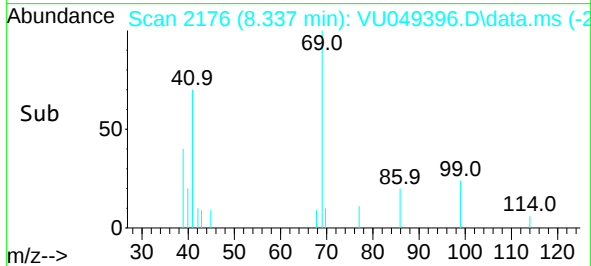
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 3134
Ion Ratio Lower Upper
69 100
41 76.0 45.4 68.0
39 40.0 25.7 38.5

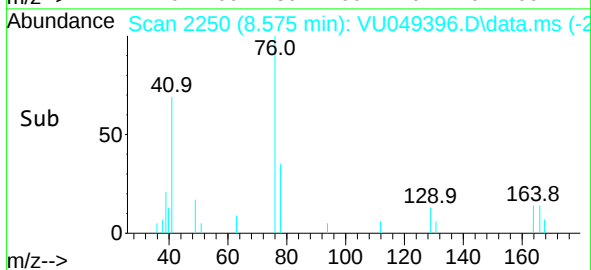
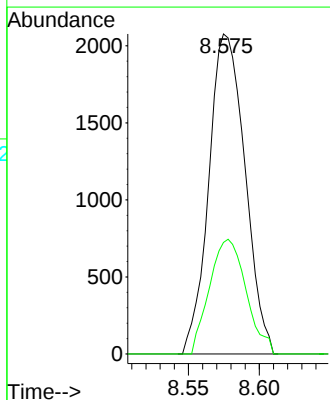
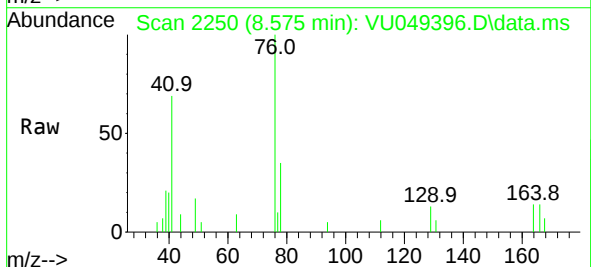
Manual Integrations
APPROVED

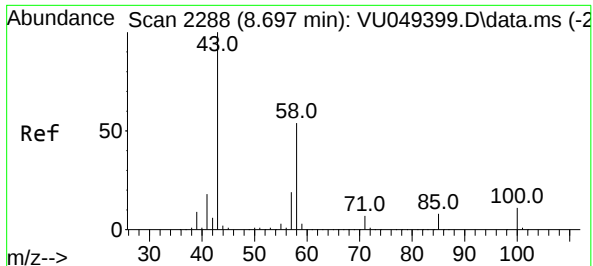
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#57
1,3-Dichloropropane
Concen: 0.991 ug/l
RT: 8.575 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion: 76 Resp: 3683
Ion Ratio Lower Upper
76 100
78 36.4 26.1 39.1





#59

2-Hexanone

Concen: 5.979 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

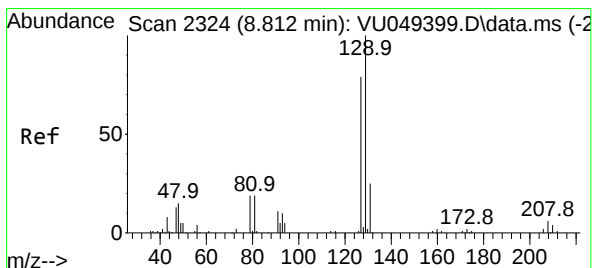
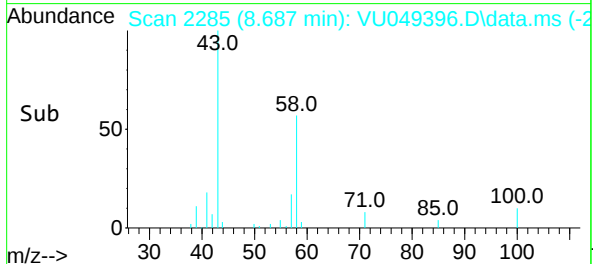
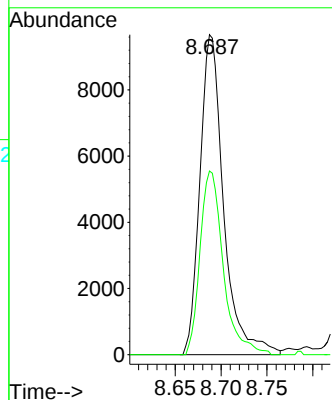
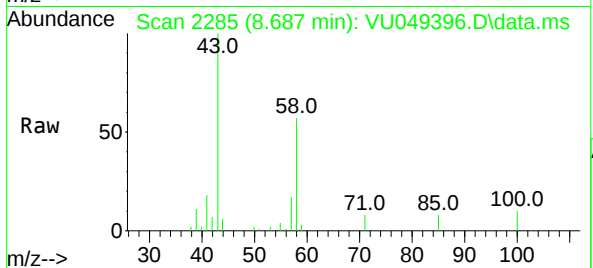
58 56.4 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

Dibromochloromethane

Concen: 1.055 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU049396.D

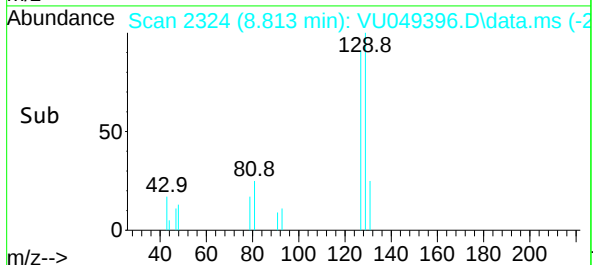
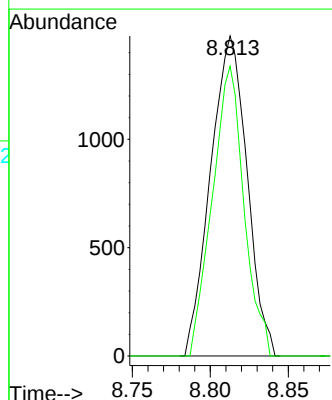
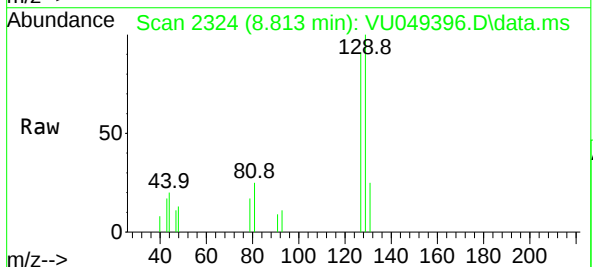
Acq: 27 Jun 2022 10:35

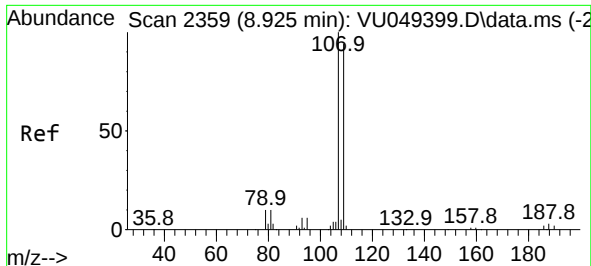
Tgt Ion:129 Resp: 2409

Ion Ratio Lower Upper

129 100

127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 1.109 ug/l

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049396.D

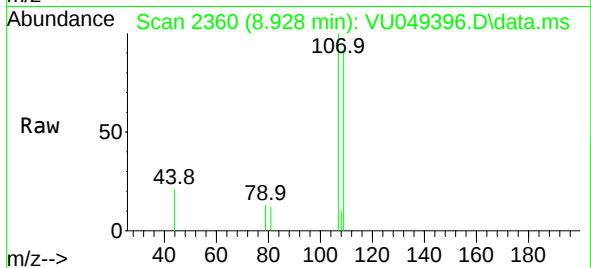
Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion:107 Resp: 249

Ion Ratio Lower Upper

107 100

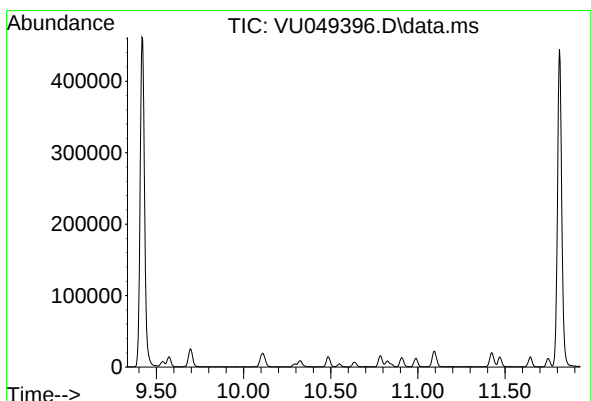
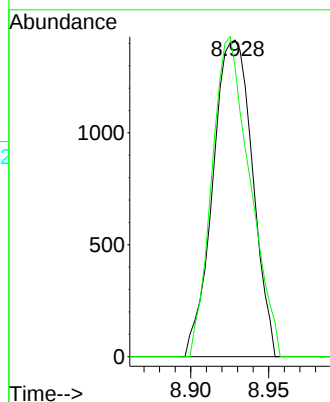
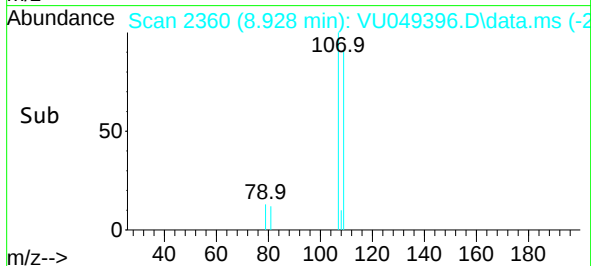
109 96.9 75.1 112.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 10.63 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

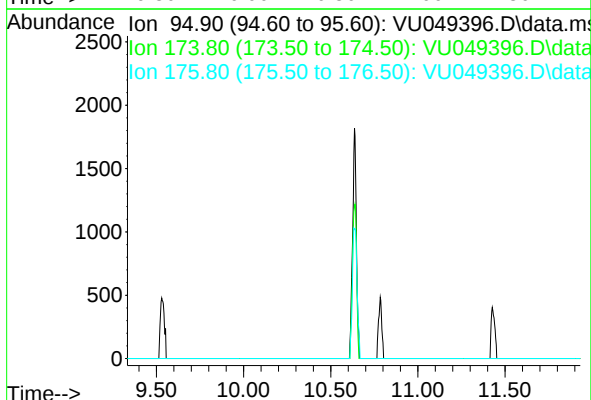
Tgt Ion: 95

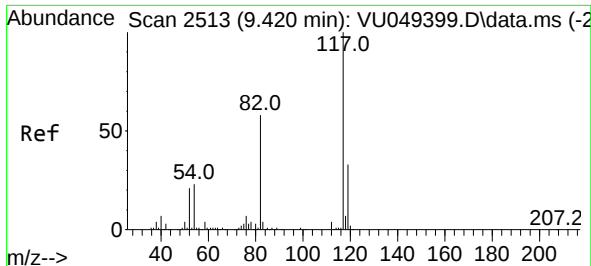
Sig Exp Ratio

95 100

174 91.0

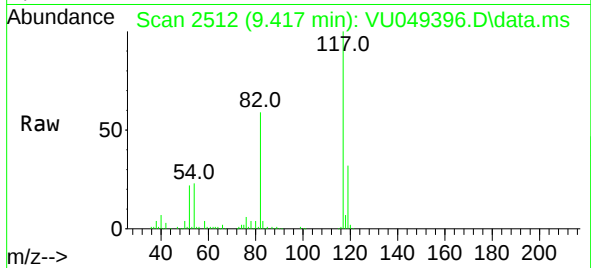
176 88.9





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

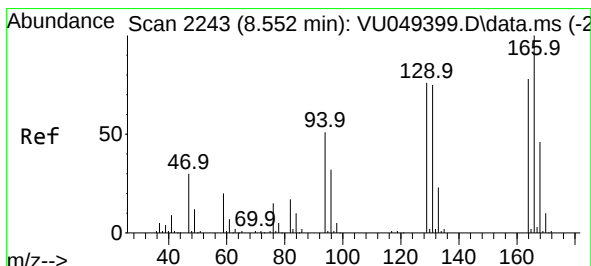
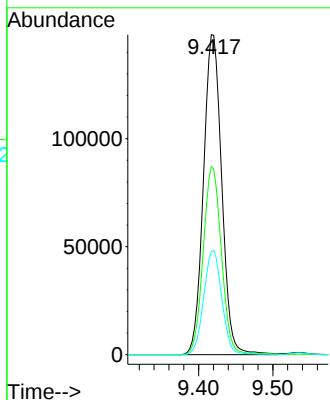
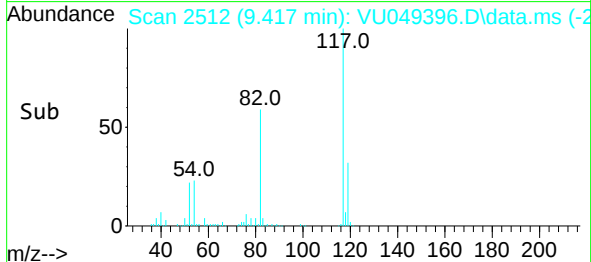
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



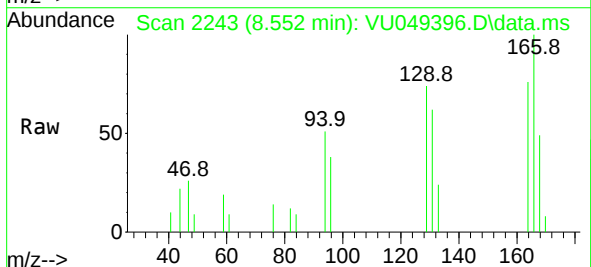
Tgt Ion:117 Resp: 25314
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 32.2 25.7 38.5

Manual Integrations
APPROVED

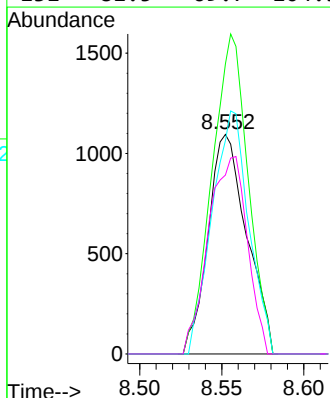
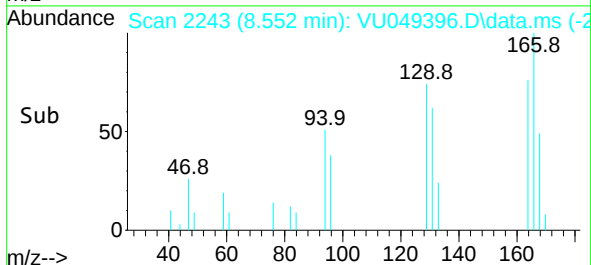
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

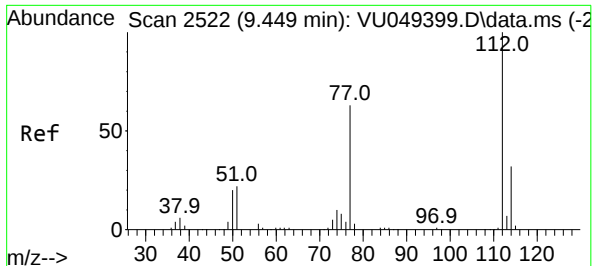


#64
Tetrachloroethene
Concen: 1.111 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



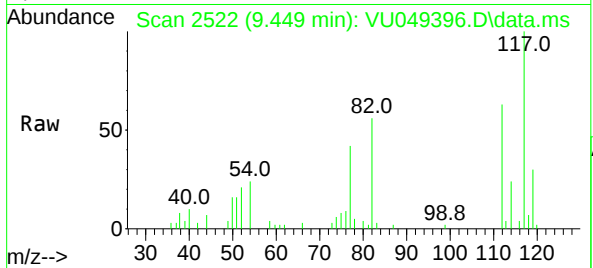
Tgt Ion:164 Resp: 1792
Ion Ratio Lower Upper
164 100
166 132.1 100.0 150.0
129 97.2 72.0 108.0
131 81.5 69.7 104.5





#65
Chlorobenzene
Concen: 1.106 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

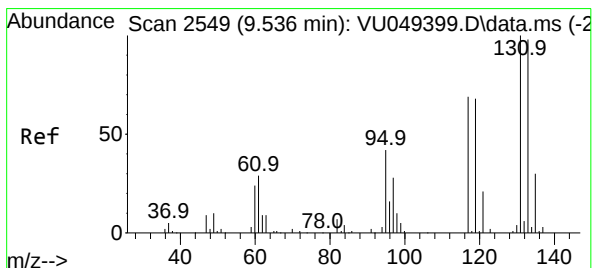
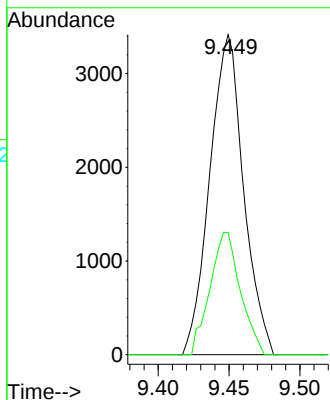
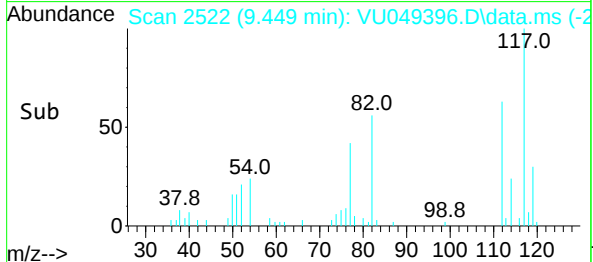
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



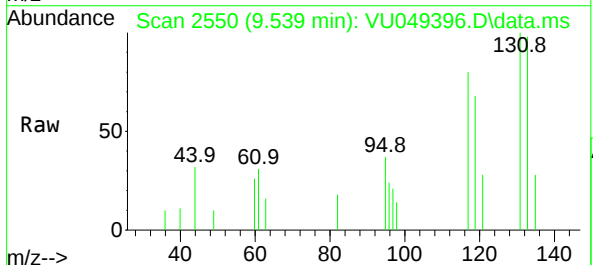
Tgt Ion:112 Resp: 5664
Ion Ratio Lower Upper
112 100
114 38.2 24.9 37.3

Manual Integrations
APPROVED

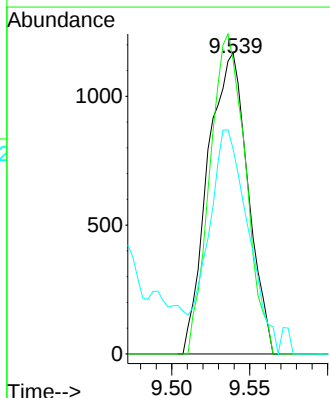
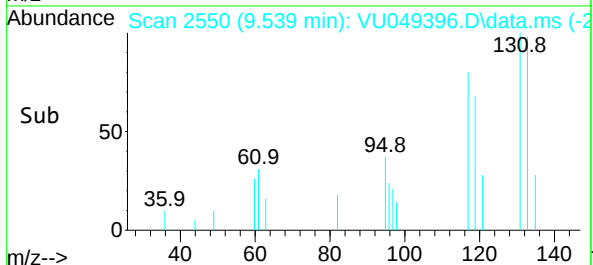
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

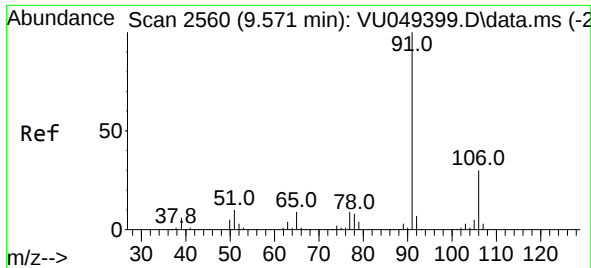


#66
1,1,1,2-Tetrachloroethane
Concen: 1.046 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion:131 Resp: 2091
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.0
119 0.0 33.9 101.6





#67
Ethyl Benzene
Concen: 1.037 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

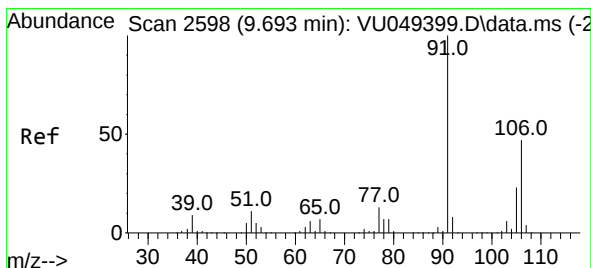
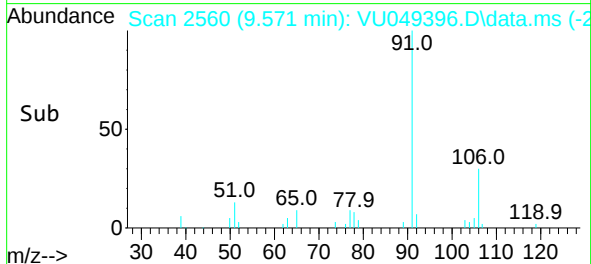
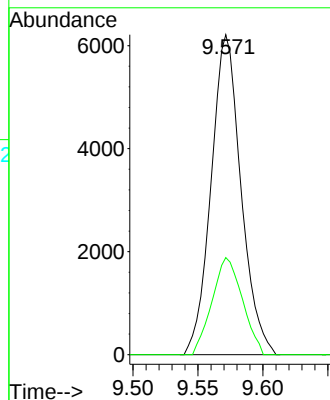
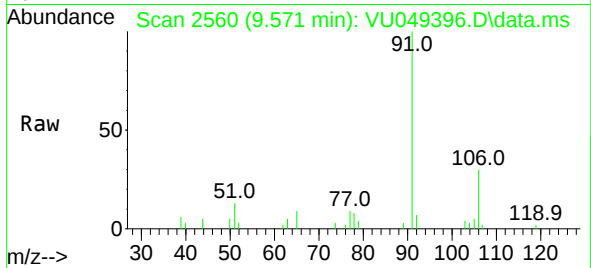
ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 993
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

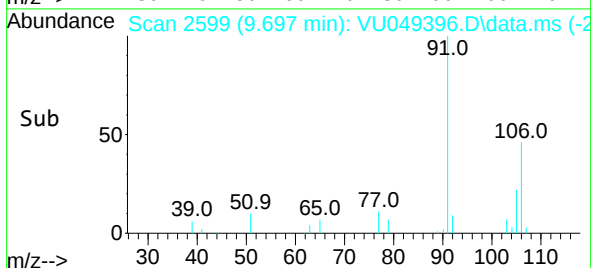
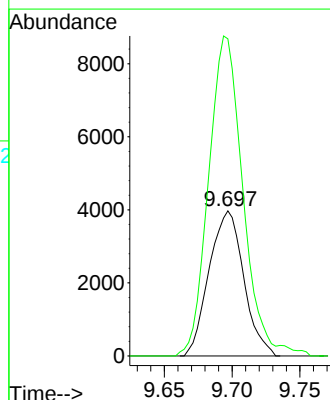
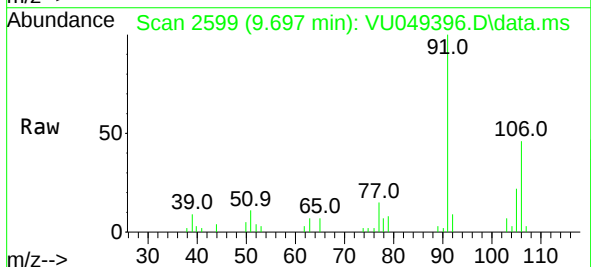
Manual Integrations
APPROVED

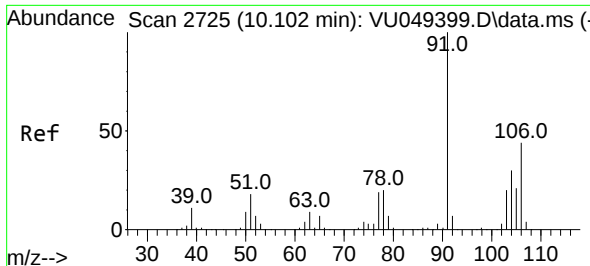
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
m/p-Xylenes
Concen: 1.985 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion:106 Resp: 7048
Ion Ratio Lower Upper
106 100
91 218.6 157.2 235.8





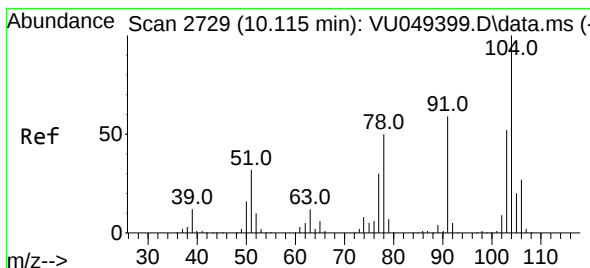
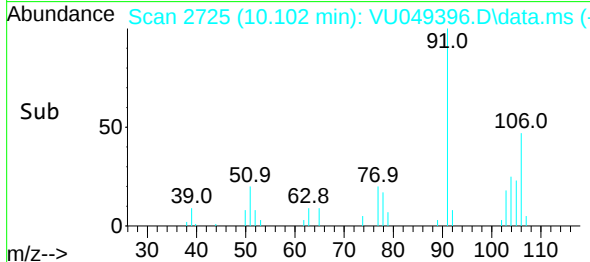
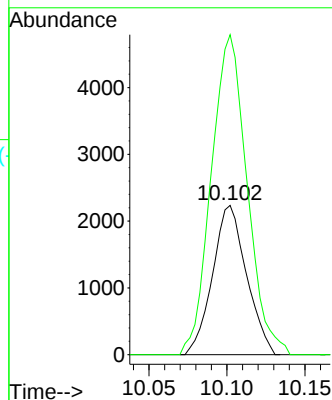
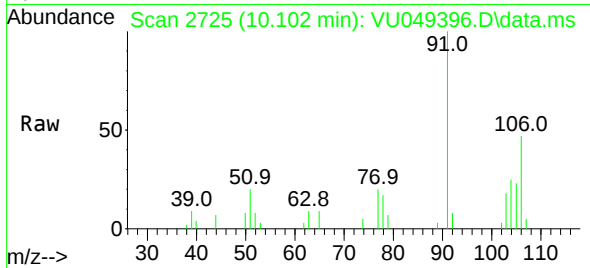
#69
o-Xylene
Concen: 0.952 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 338
Ion Ratio Lower Upper
106 100
91 225.9 103.5 310.5

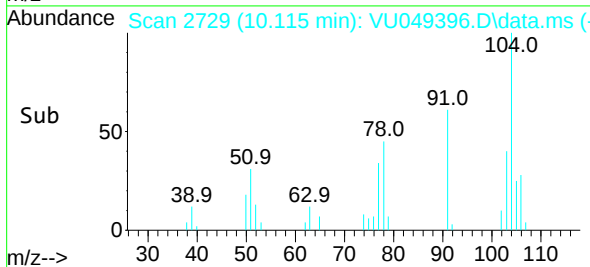
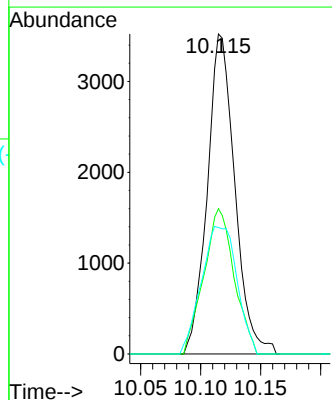
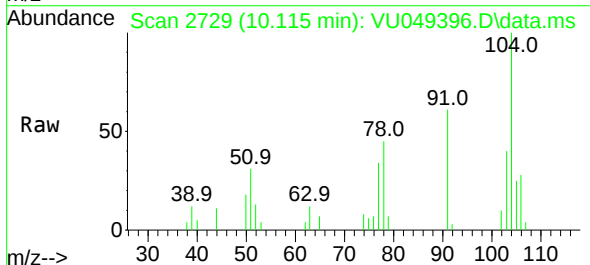
Manual Integrations
APPROVED

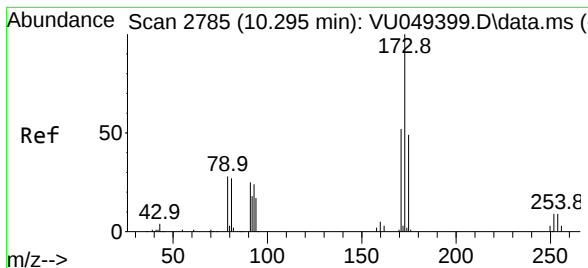
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 0.952 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion:104 Resp: 5626
Ion Ratio Lower Upper
104 100
78 50.1 38.0 57.0
103 51.3 43.9 65.9





#71

Bromoform

Concen: 0.930 ug/l

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

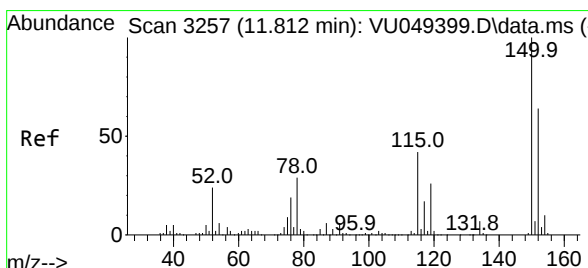
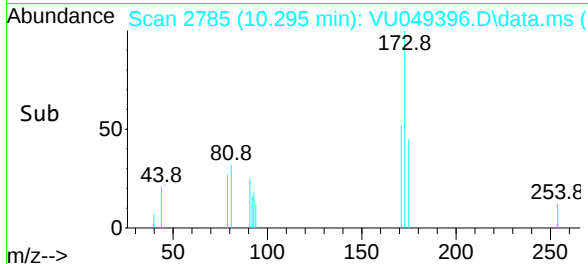
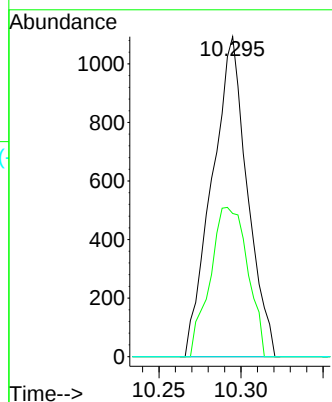
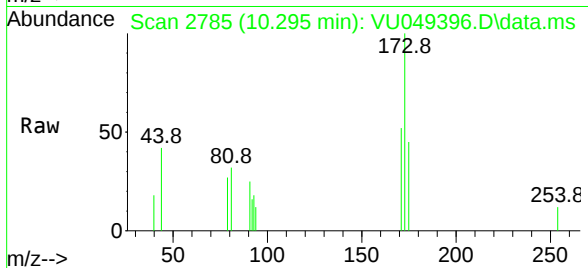
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.1	72.2
254	0.0	0.1	0.1

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

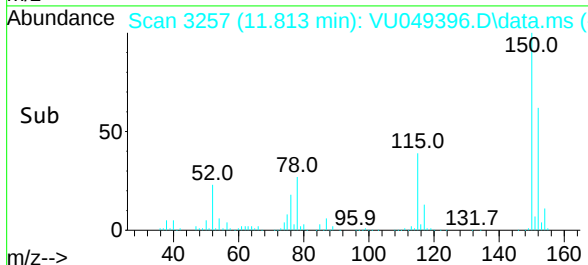
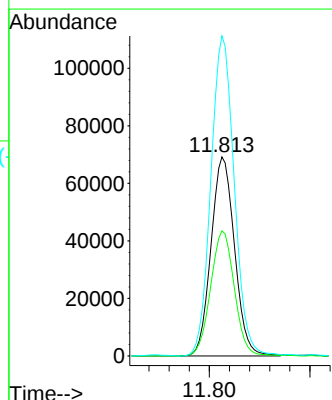
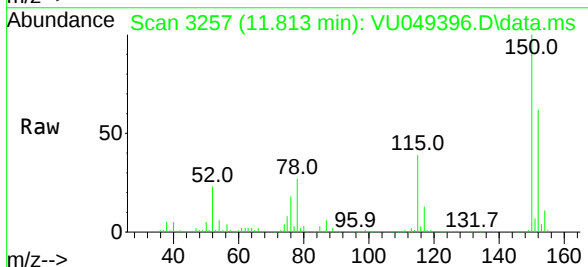
RT: 11.813 min Scan# 3257

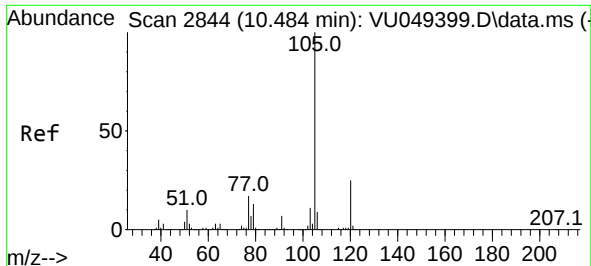
Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

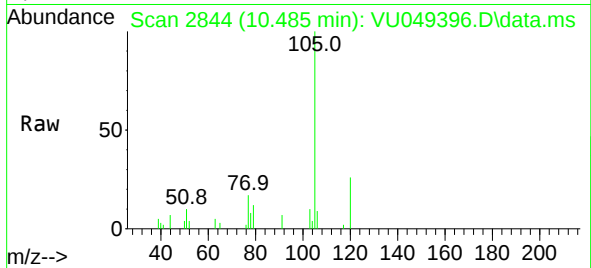
Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	37.0	110.9
150	159.7	0.0	342.2





#73
Isopropylbenzene
Concen: 1.125 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

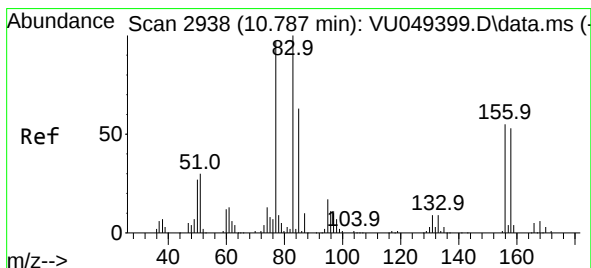
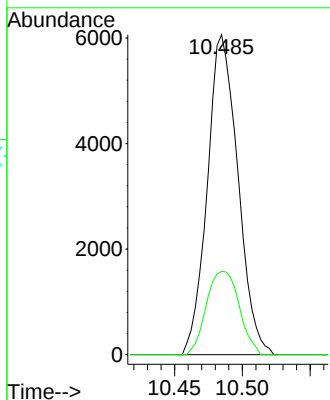
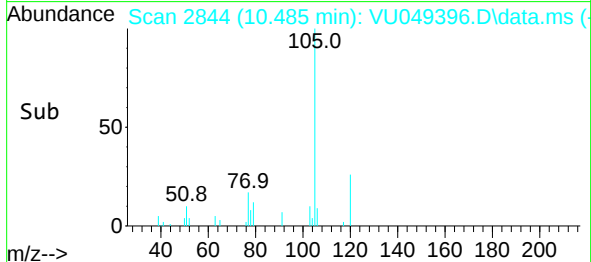
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



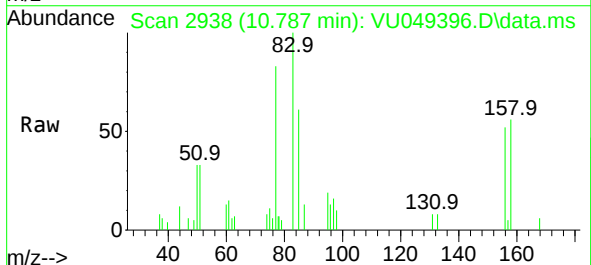
Tgt Ion: 105 Resp: 950
Ion Ratio Lower Upper
105 100
120 27.9 13.8 41.4

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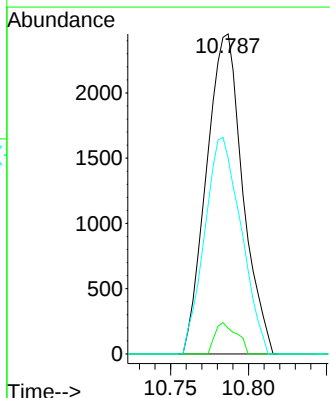
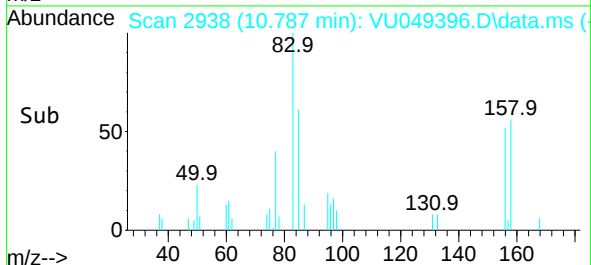
Reviewed By : John Carlone 06/28/2022
Supervised By : Mahesh Dadoda 06/28/2022

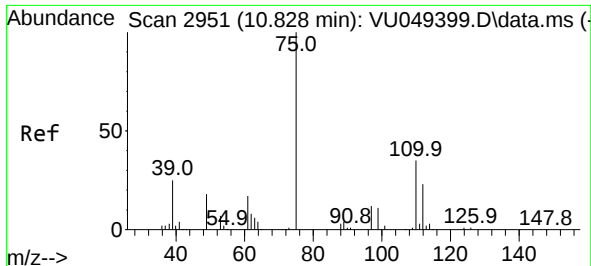


#75
1,1,2,2-Tetrachloroethane
Concen: 1.167 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion: 83 Resp: 3963
Ion Ratio Lower Upper
83 100
131 5.9 5.1 15.4
85 68.1 32.2 96.6





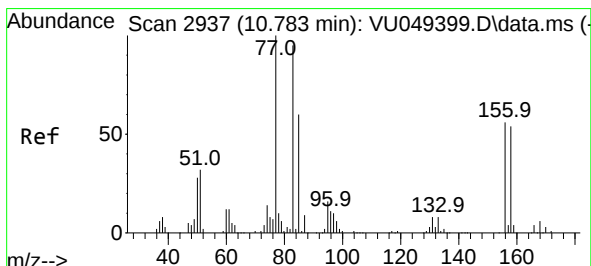
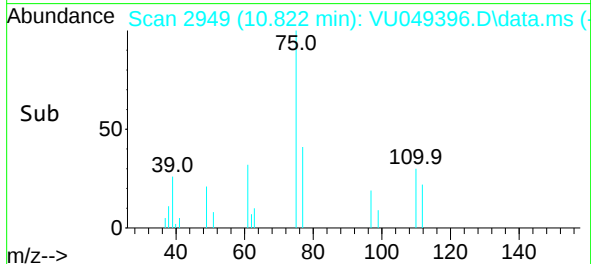
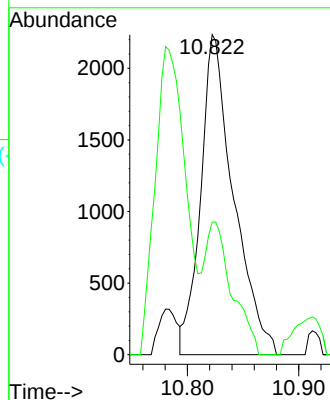
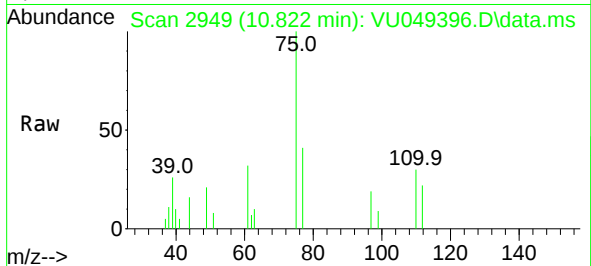
#76
1,2,3-Trichloropropane
Concen: 1.194 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 4589
Ion Ratio Lower Upper
75 100
77 33.2 15.8 47.3

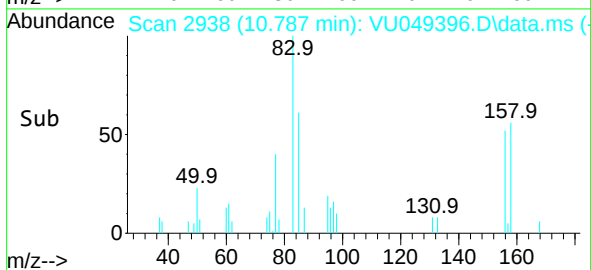
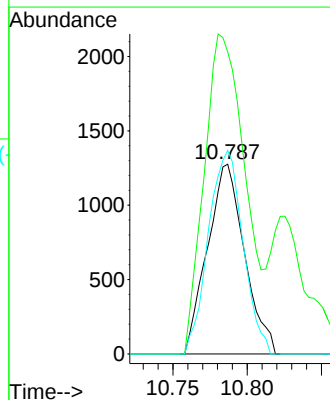
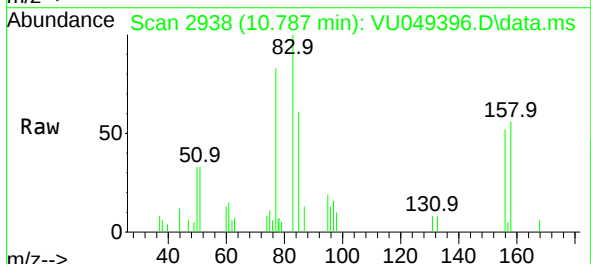
Manual Integrations
APPROVED

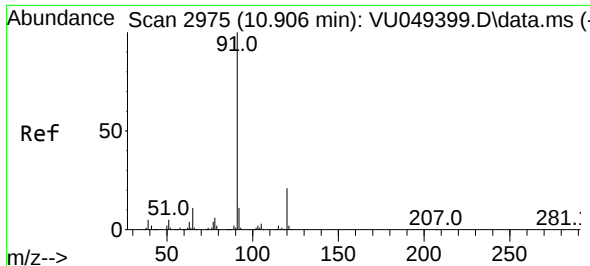
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#77
Bromobenzene
Concen: 1.129 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

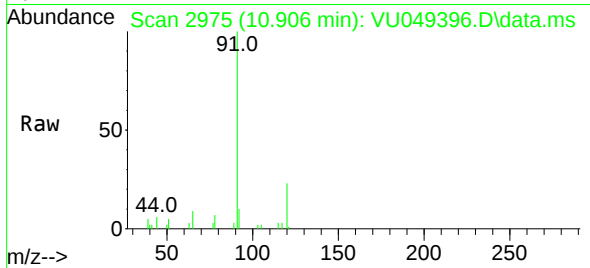
Tgt Ion:156 Resp: 2214
Ion Ratio Lower Upper
156 100
77 183.0 71.9 215.6
158 100.3 48.9 146.8





#78
n-propylbenzene
Concen: 1.069 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

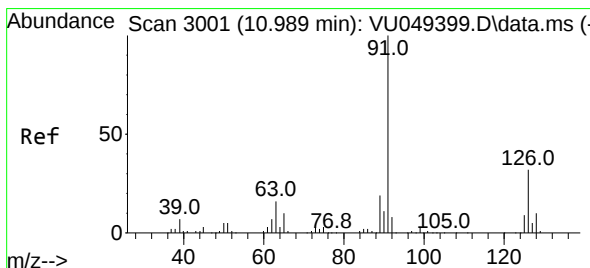
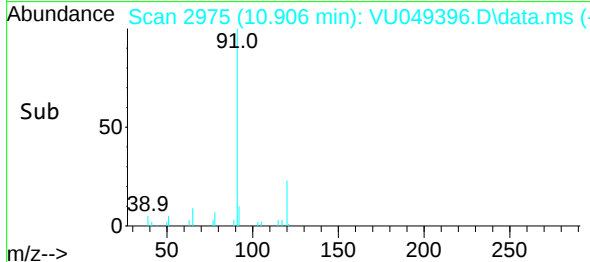
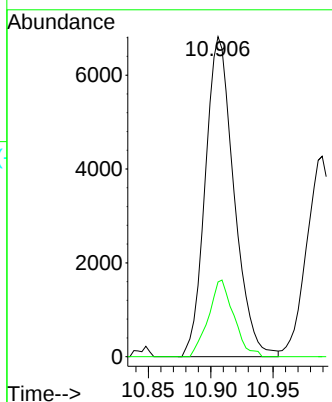
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 10920
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5

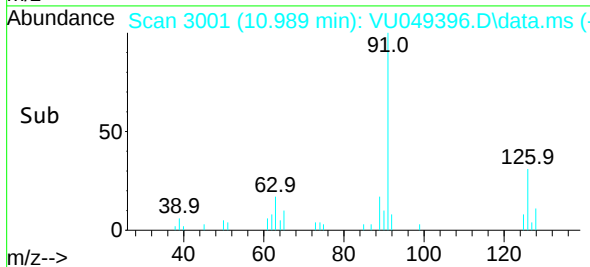
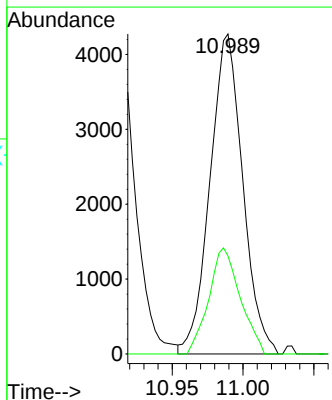
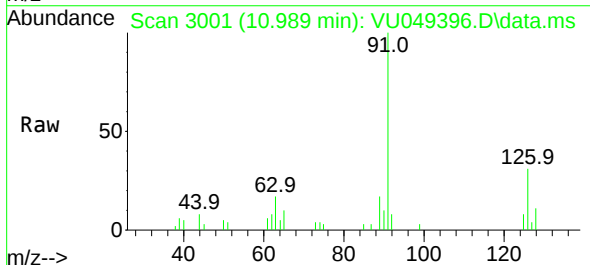
Manual Integrations
APPROVED

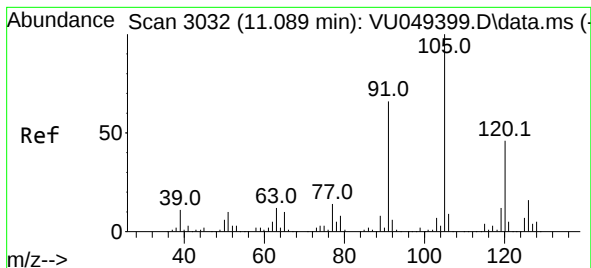
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#79
2-Chlorotoluene
Concen: 1.115 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion: 91 Resp: 6869
Ion Ratio Lower Upper
91 100
126 31.8 18.4 55.0





#80

1,3,5-Trimethylbenzene

Concen: 1.052 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 772

Ion Ratio Lower Upper

105 100

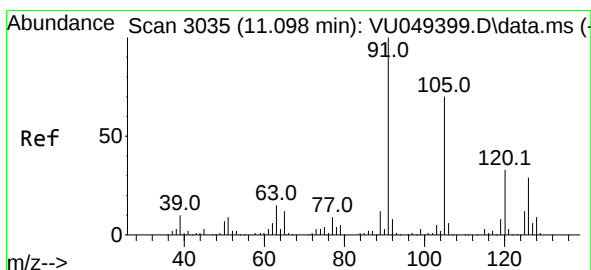
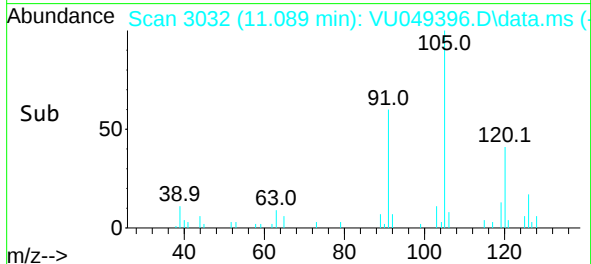
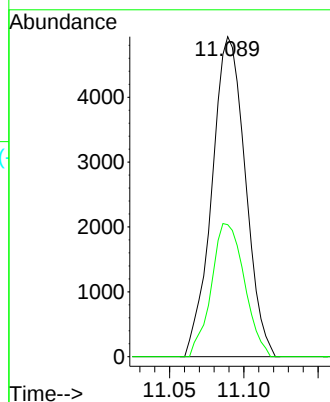
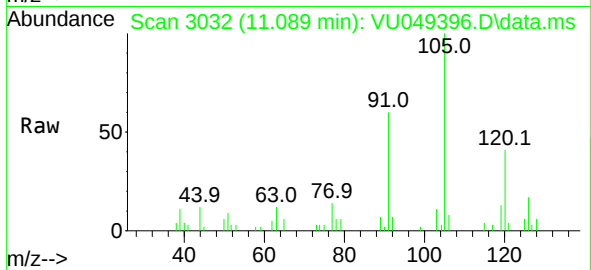
120 41.1 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#82

4-Chlorotoluene

Concen: 1.148 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU049396.D

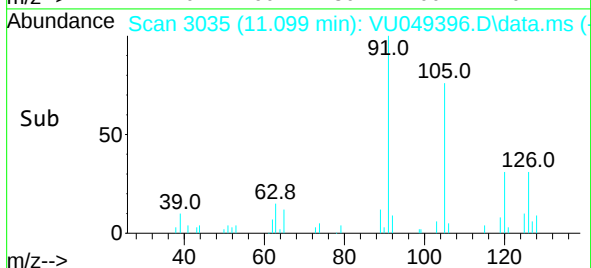
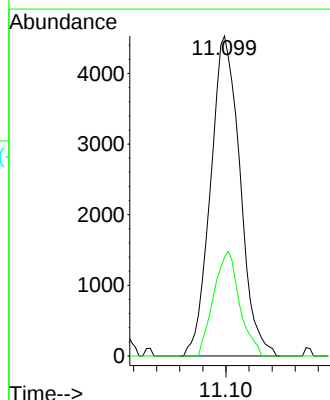
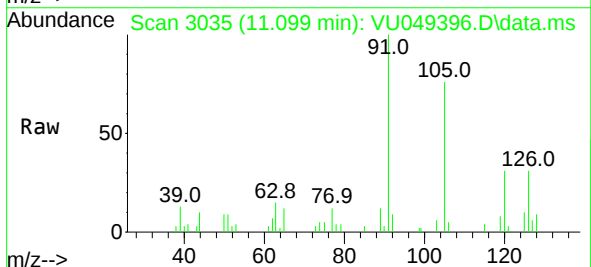
Acq: 27 Jun 2022 10:35

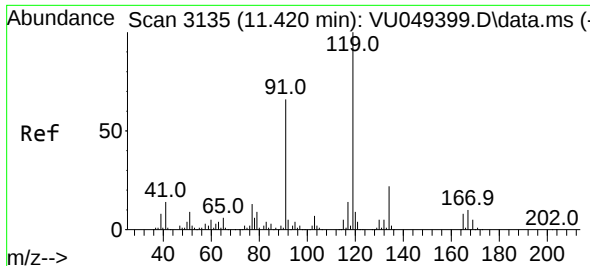
Tgt Ion: 91 Resp: 8018

Ion Ratio Lower Upper

91 100

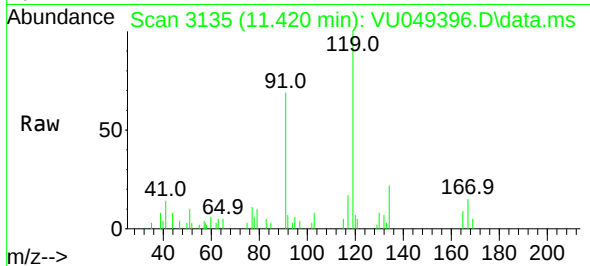
126 28.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 1.089 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

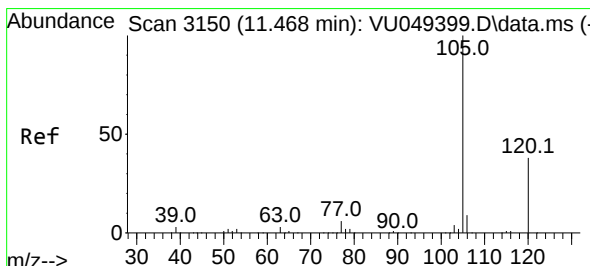
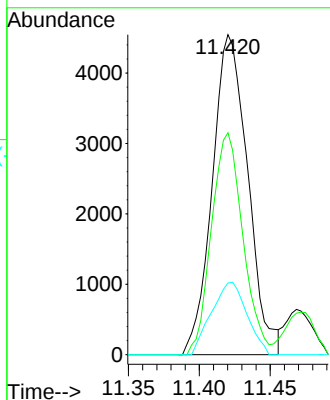
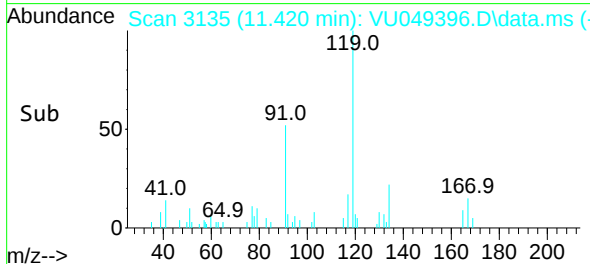
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



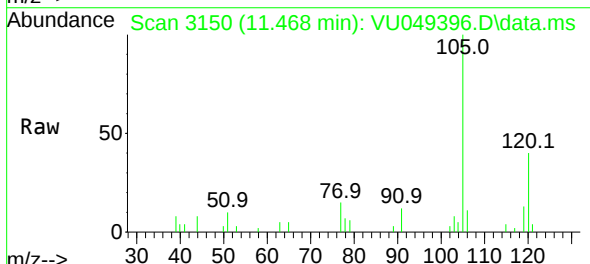
Tgt Ion:119 Resp: 792
Ion Ratio Lower Upper
119 100
91 61.4 26.8 80.3
134 22.6 11.5 34.5

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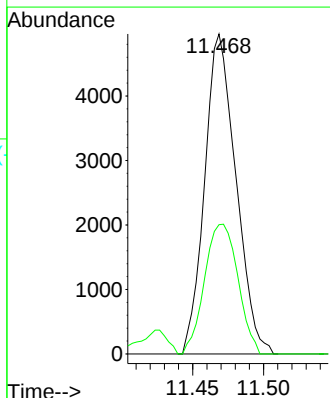
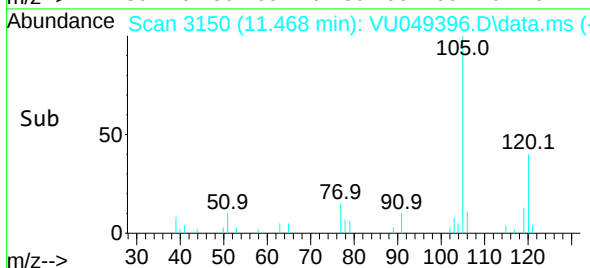
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

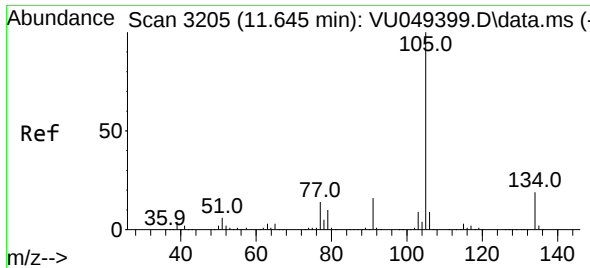


#84
1,2,4-Trimethylbenzene
Concen: 1.040 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



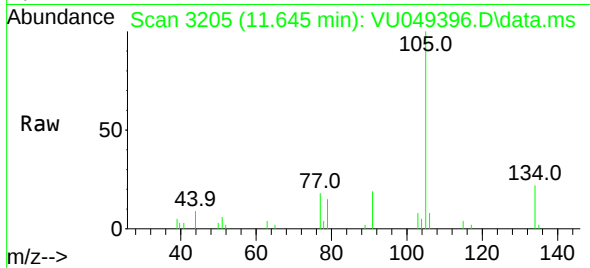
Tgt Ion:105 Resp: 7619
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 0.977 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU049396.D
 Acq: 27 Jun 2022 10:35

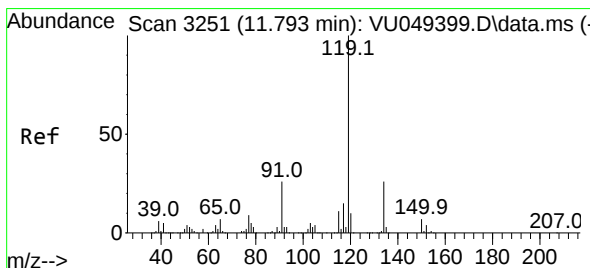
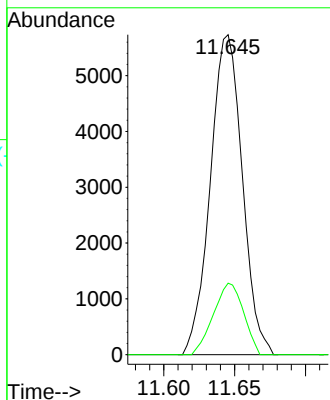
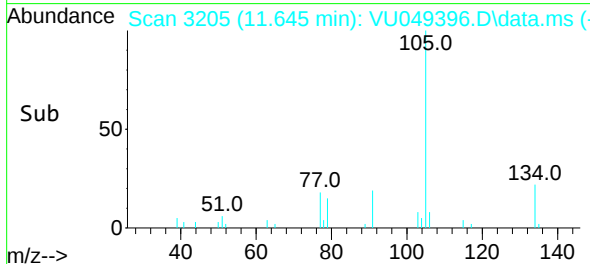
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



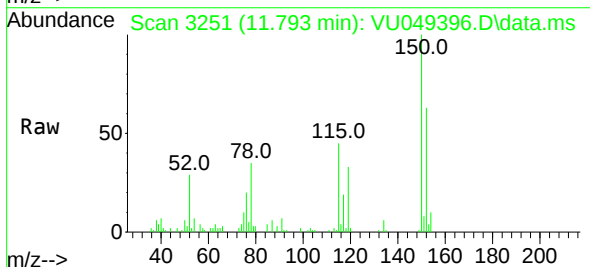
Tgt Ion:105 Resp: 900
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

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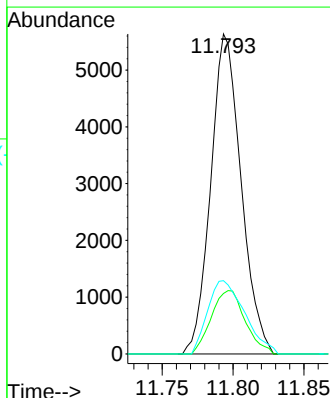
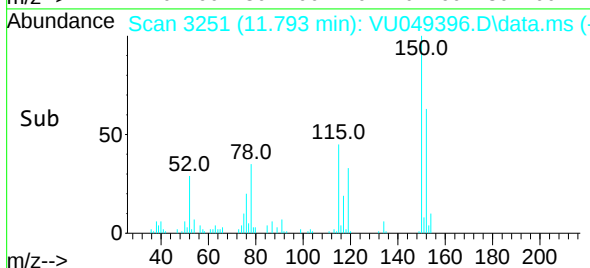
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

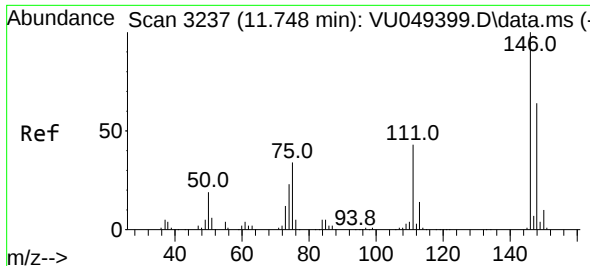


#86
 p-Isopropyltoluene
 Concen: 1.127 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049396.D
 Acq: 27 Jun 2022 10:35



Tgt Ion:119 Resp: 8393
 Ion Ratio Lower Upper
 119 100
 134 22.1 13.5 40.4
 91 28.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 1.272 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

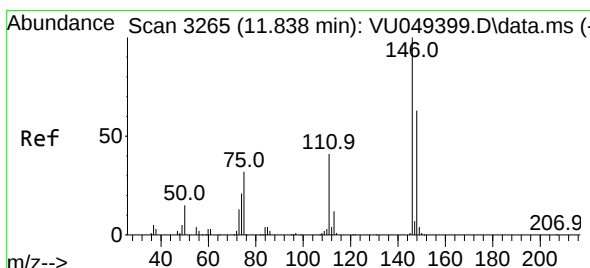
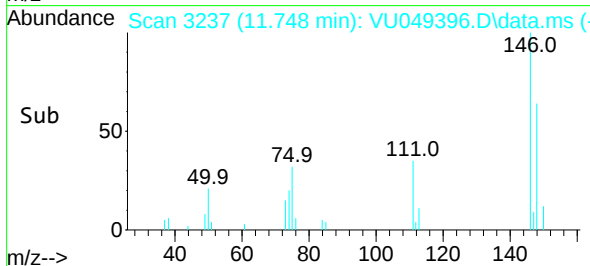
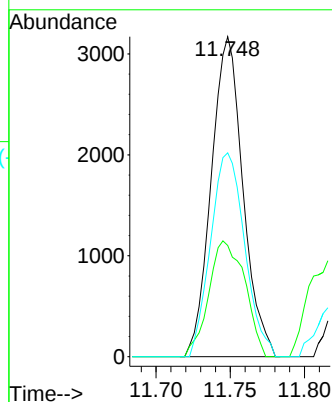
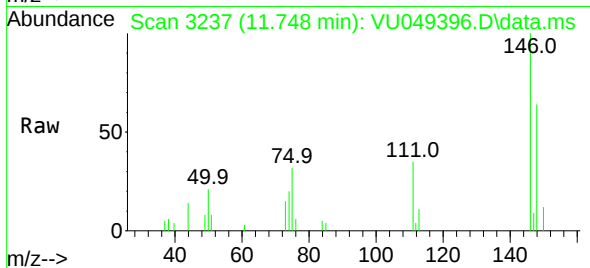
Tgt Ion:146	Resp:	470
Ion Ratio	Lower	Upper
146	100	
111	41.1	18.9 56.5
148	68.7	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,4-Dichlorobenzene

Concen: 1.411 ug/l m

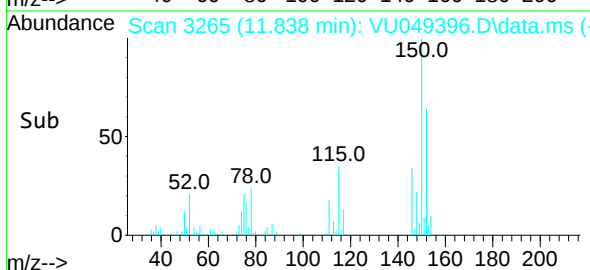
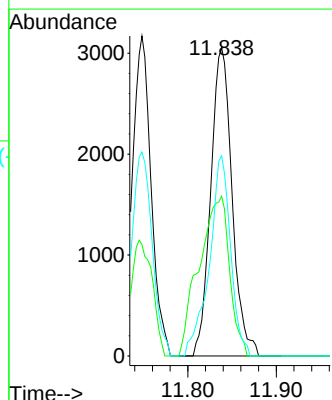
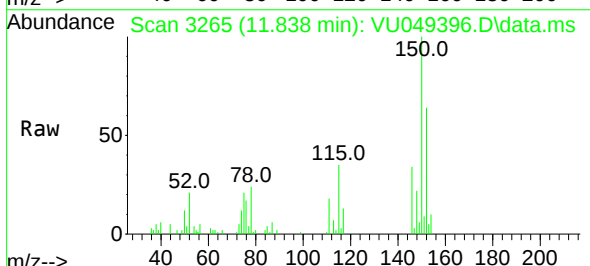
RT: 11.838 min Scan# 3265

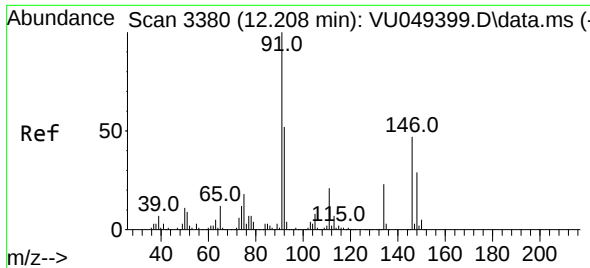
Delta R.T. 0.000 min

Lab File: VU049396.D

Acq: 27 Jun 2022 10:35

Tgt Ion:146	Resp:	5114
Ion Ratio	Lower	Upper
146	100	
111	37.8	18.5 55.5
148	63.2	31.9 95.7





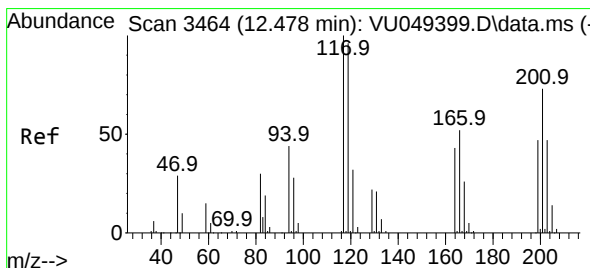
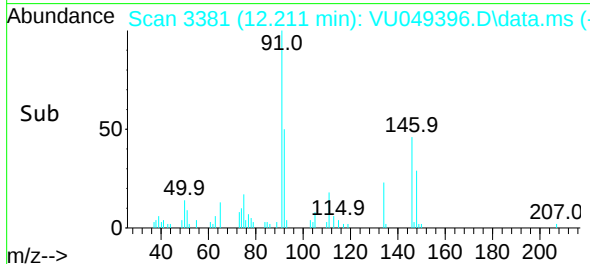
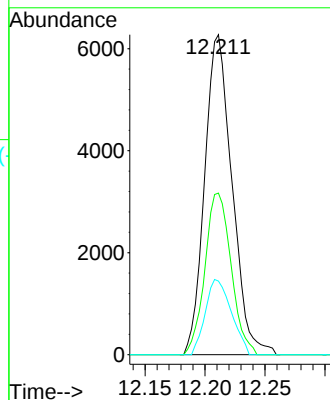
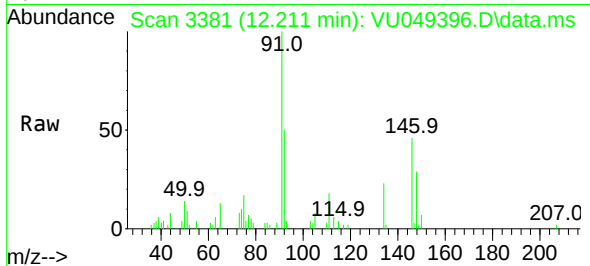
#89
n-Butylbenzene
Concen: 1.542 ug/l
RT: 12.211 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 997
Ion Ratio Lower Upper
91 100
92 48.3 26.2 78.6
134 22.2 13.5 40.4

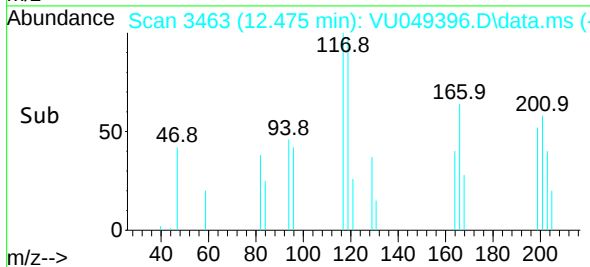
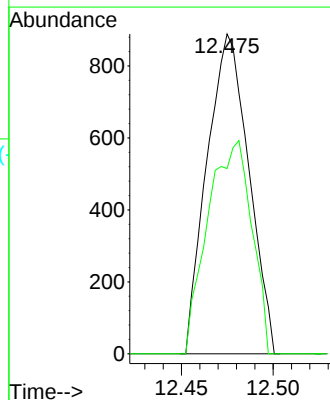
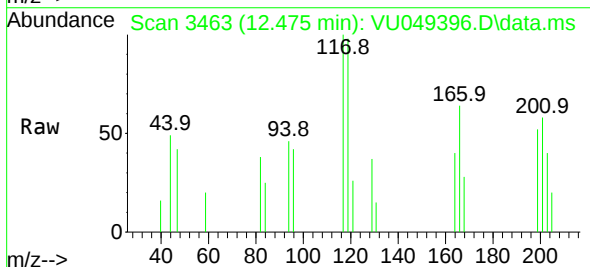
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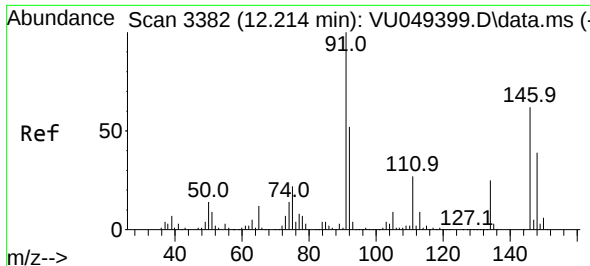
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 0.972 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Tgt Ion:117 Resp: 1406
Ion Ratio Lower Upper
117 100
201 70.2 44.6 134.0





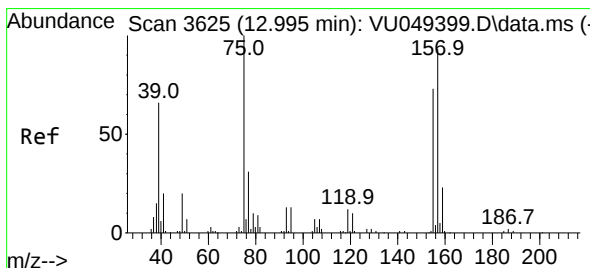
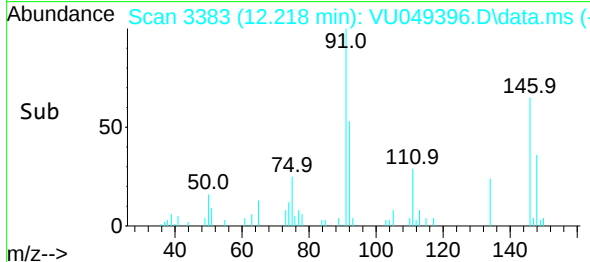
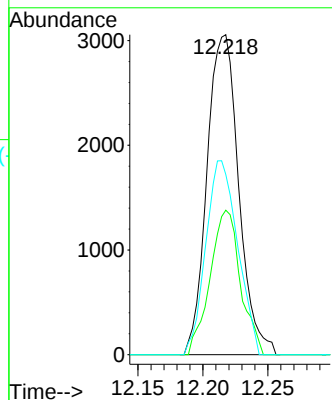
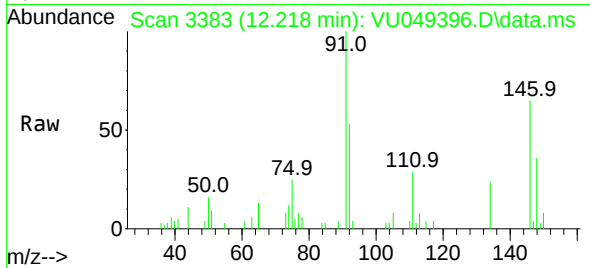
#91
1,2-Dichlorobenzene
Concen: 1.390 ug/l
RT: 12.218 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 519
Ion Ratio Lower Upper
146 100
111 43.1 19.9 59.6
148 60.9 32.1 96.5

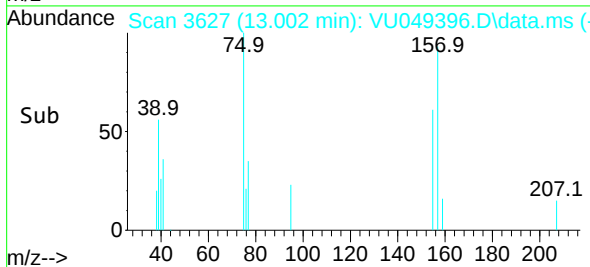
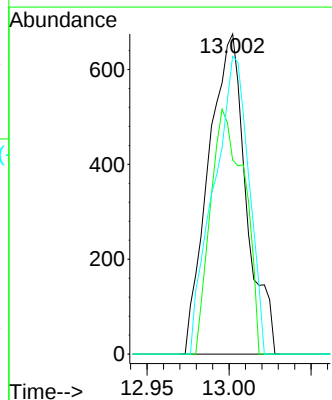
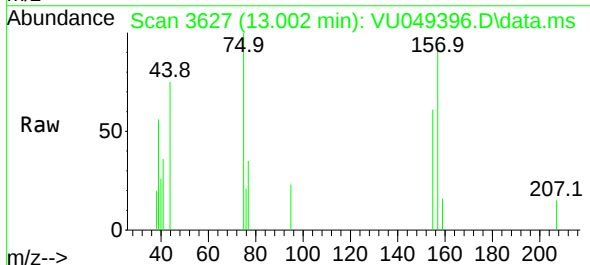
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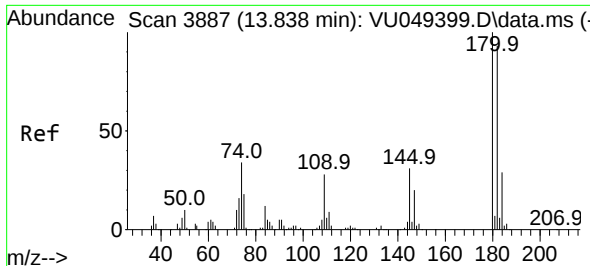
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.258 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

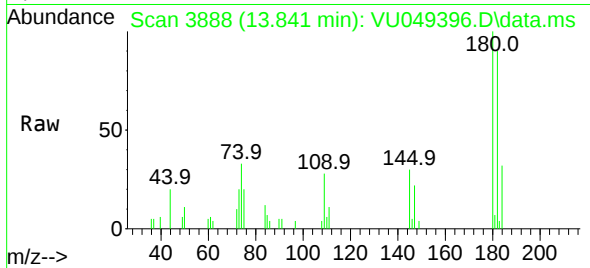
Tgt Ion: 75 Resp: 1079
Ion Ratio Lower Upper
75 100
155 68.4 47.8 143.4
157 86.3 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 1.930 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

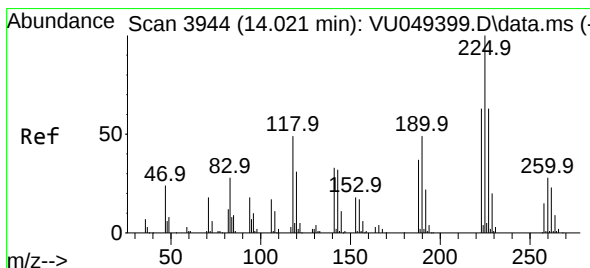
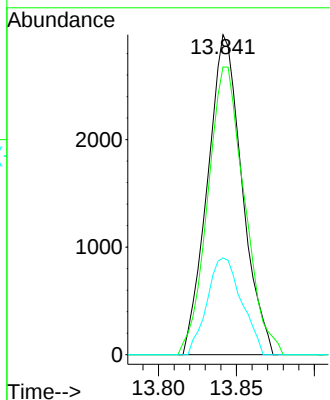
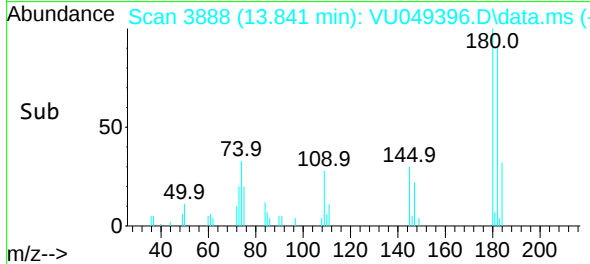
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



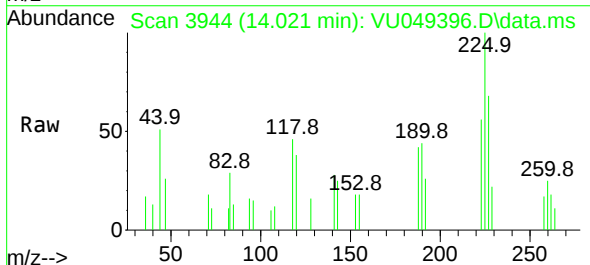
Tgt Ion:180 Resp: 457
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 30.1 14.0 41.9

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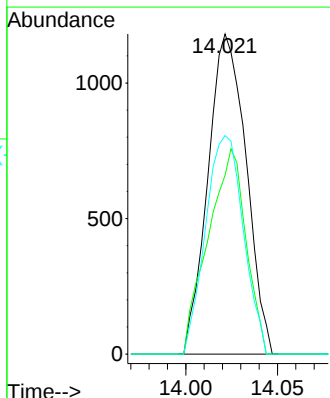
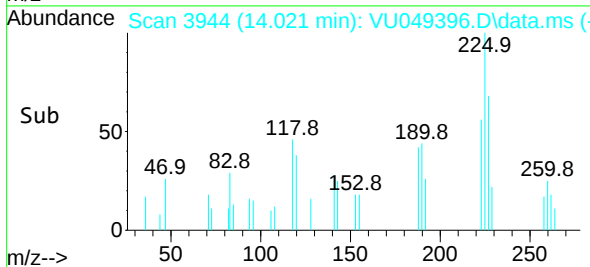
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

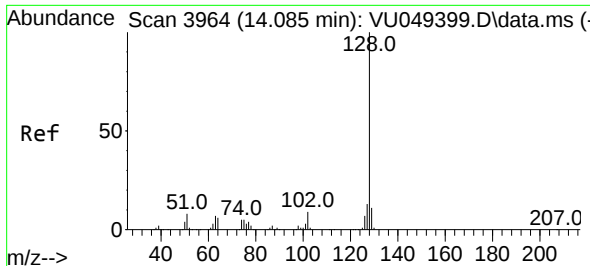


#94
Hexachlorobutadiene
Concen: 1.425 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



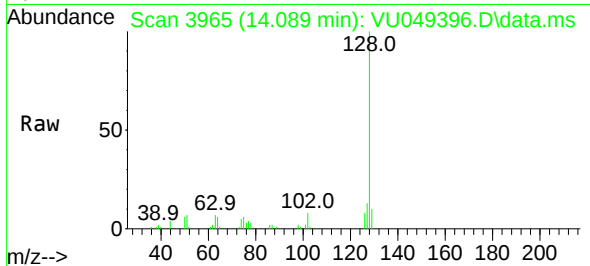
Tgt Ion:225 Resp: 1710
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.9
227 67.6 32.0 96.2





#95
Naphthalene
Concen: 3.106 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35

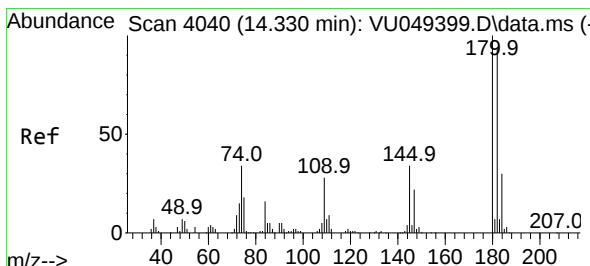
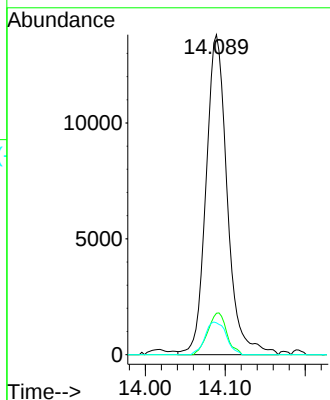
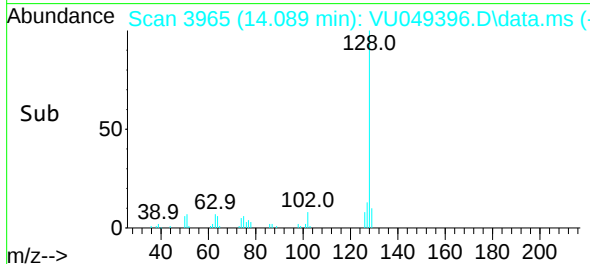
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



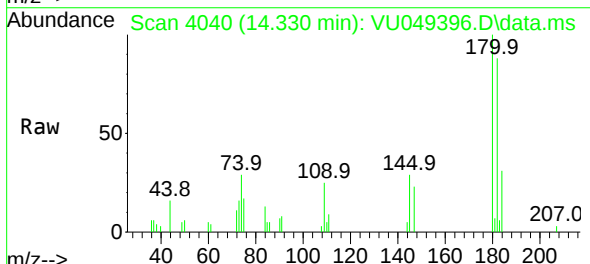
Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	10.2	8.6	13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.263 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049396.D
Acq: 27 Jun 2022 10:35



Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	48.4	145.0
145	28.8	14.8	44.4

