

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049407.D
 Acq On : 27 Jun 2022 16:42
 Operator : SY/MD
 Sample : VU0627MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 19:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:37:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	150509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	272496	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	122492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	137418	59.285	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.560%#			
35) Dibromofluoromethane	5.289	113	101999	53.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	7.899	98	354171	52.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	10.632	95	133093	51.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	44805	18.525	ug/l	95
3) Chloromethane	1.520	50	67784	22.480	ug/l	96
4) Vinyl Chloride	1.604	62	49101	20.165	ug/l	98
5) Bromomethane	1.848	94	15856	20.942	ug/l	99
6) Chloroethane	1.919	64	26942	24.982	ug/l	100
7) Trichlorofluoromethane	2.131	101	58239	18.767	ug/l	98
8) Diethyl Ether	2.375	74	25503	22.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.575	101	32265	19.324	ug/l	94
10) Methyl Iodide	2.719	142	31024	23.579	ug/l	92
11) Tert butyl alcohol	3.192	59	79329m	146.219	ug/l	
12) 1,1-Dichloroethene	2.575	96	31074	19.009	ug/l	88
13) Acrolein	2.485	56	36302	98.805	ug/l	97
14) Allyl chloride	2.919	41	71986	21.789	ug/l #	86
15) Acrylonitrile	3.314	53	158853	121.742	ug/l	98
16) Acetone	2.629	43	130027	111.237	ug/l	97
17) Carbon Disulfide	2.787	76	93645	18.369	ug/l	98
18) Methyl Acetate	2.951	43	73685	23.286	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	137887	22.679	ug/l	95
20) Methylene Chloride	3.041	84	49453	25.044	ug/l	88
21) trans-1,2-Dichloroethene	3.350	96	37107	21.057	ug/l	88
22) Diisopropyl ether	3.993	45	149005	23.622	ug/l #	77
23) Vinyl Acetate	3.954	43	649614	117.496	ug/l #	93
24) 1,1-Dichloroethane	3.867	63	79743	22.008	ug/l	96
25) 2-Butanone	4.707	43	212789	121.469	ug/l	91
26) 2,2-Dichloropropane	4.662	77	57278	18.994	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	47325	23.243	ug/l	91
28) Bromochloromethane	4.973	49	41558	26.240	ug/l #	72
29) Tetrahydrofuran	5.054	42	141315	117.591	ug/l	87
30) Chloroform	5.089	83	80905	22.573	ug/l	100
31) Cyclohexane	5.388	56	63067	18.120	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	62842	20.208	ug/l	98
36) 1,1-Dichloropropene	5.526	75	50900	18.413	ug/l	96
37) Ethyl Acetate	4.806	43	80374	21.278	ug/l #	96
38) Carbon Tetrachloride	5.523	117	52893	18.245	ug/l	98
39) Methylcyclohexane	6.761	83	58046	17.518	ug/l	90
40) Benzene	5.774	78	172470	20.665	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	41881	22.127	ug/l	90
42) 1,2-Dichloroethane	5.793	62	66806	21.507	ug/l	97
43) Isopropyl Acetate	5.912	43	119165	21.530	ug/l	94
44) Trichloroethene	6.542	130	39760	20.040	ug/l	94
45) 1,2-Dichloropropane	6.793	63	49025	21.200	ug/l	97
46) Dibromomethane	6.919	93	33638	21.817	ug/l	88
47) Bromodichloromethane	7.105	83	61623	20.765	ug/l	97
48) Methyl methacrylate	6.960	41	56664	21.845	ug/l	86
49) 1,4-Dioxane	6.986	88	30195	454.376	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	399078	107.735	ug/l	94
52) Toluene	7.970	92	102487	20.661	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	64856	20.374	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	72636	21.371	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	45600	22.234	ug/l	98
56) Ethyl methacrylate	8.333	69	72726	21.201	ug/l	89
57) 1,3-Dichloropropane	8.575	76	78832	21.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	17122	73.380	ug/l	99
59) 2-Hexanone	8.687	43	308800	106.009	ug/l	92
60) Dibromochloromethane	8.809	129	45860	21.503	ug/l	98
61) 1,2-Dibromoethane	8.925	107	48185	21.559	ug/l	100
64) Tetrachloroethene	8.555	164	30072	18.464	ug/l	95
65) Chlorobenzene	9.446	112	106025	20.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	41865	21.378	ug/l	97
67) Ethyl Benzene	9.571	91	186682	19.589	ug/l	96
68) m/p-Xylenes	9.693	106	140814	39.934	ug/l	91
69) o-Xylene	10.102	106	70901	20.254	ug/l	88
70) Styrene	10.115	104	115873	20.601	ug/l	95
71) Bromoform	10.292	173	34309	20.427	ug/l #	97
73) Isopropylbenzene	10.484	105	173326	19.864	ug/l	95
74) N-amyl acetate	10.320	43	95008	20.572	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	79913	21.620	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	67556m	16.269	ug/l	
77) Bromobenzene	10.780	156	44034	20.674	ug/l	82
78) n-propylbenzene	10.906	91	201460	19.000	ug/l	95
79) 2-Chlorotoluene	10.986	91	132709	20.315	ug/l	91
80) 1,3,5-Trimethylbenzene	11.089	105	151147	19.841	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	21778	19.368	ug/l	90
82) 4-Chlorotoluene	11.095	91	147637	20.095	ug/l	94
83) tert-Butylbenzene	11.420	119	146817	19.595	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	148117	19.792	ug/l	96
85) sec-Butylbenzene	11.642	105	173101	18.375	ug/l	96
86) p-Isopropyltoluene	11.793	119	139365	18.294	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	79925	19.628	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	79230	19.358	ug/l	96
89) n-Butylbenzene	12.208	91	110767	15.707	ug/l	98
90) Hexachloroethane	12.475	117	28616	18.859	ug/l	79
91) 1,2-Dichlorobenzene	12.214	146	83907	20.508	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	19554	20.631	ug/l	79
93) 1,2,4-Trichlorobenzene	13.841	180	47935	18.599	ug/l	95
94) Hexachlorobutadiene	14.021	225	20986	16.535	ug/l	99
95) Naphthalene	14.086	128	174468	19.297	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	52905	19.478	ug/l	96

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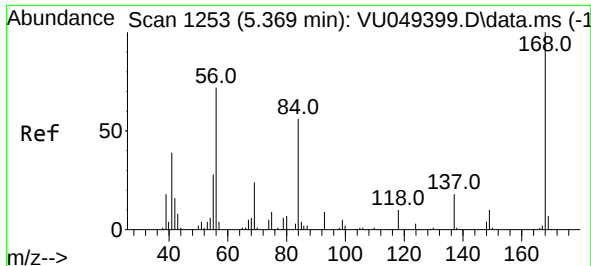
Manual Integrations
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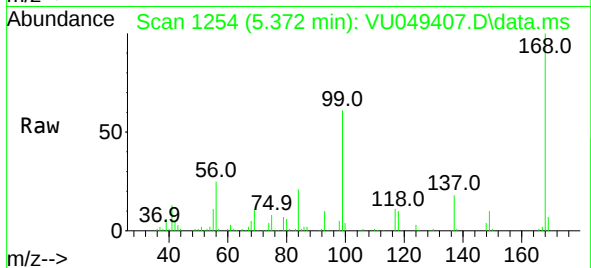
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
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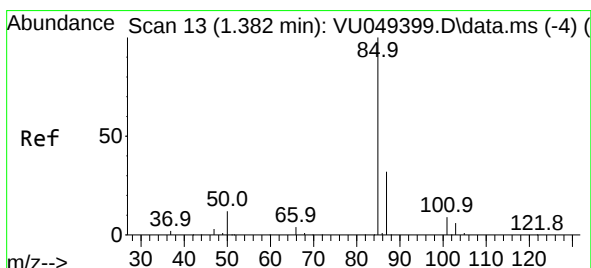
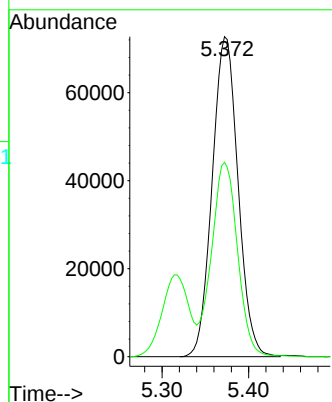
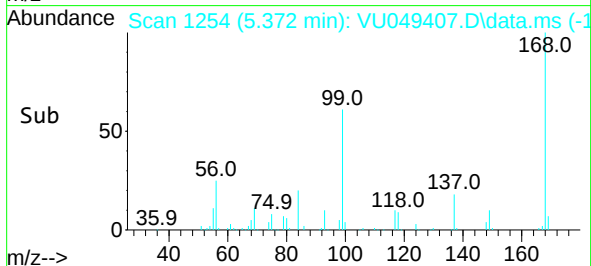
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion:168 Resp: 150509
Ion Ratio Lower Upper
168 100
99 60.4 39.3 58.9

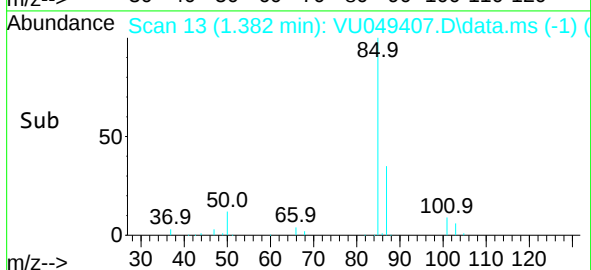
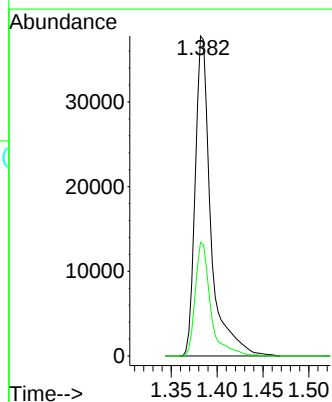
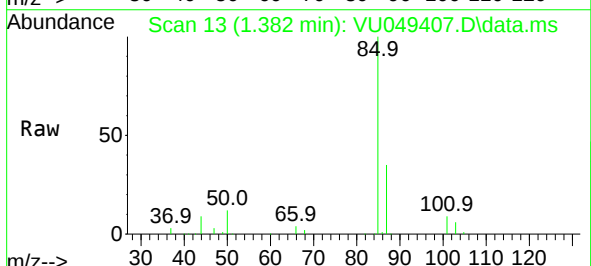
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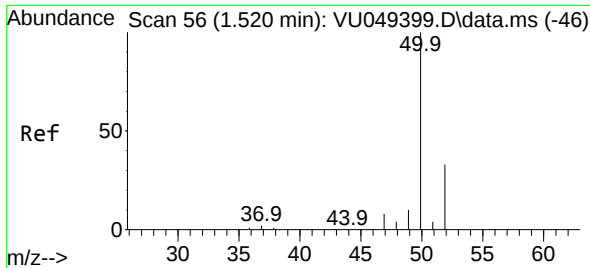
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 18.525 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.006 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

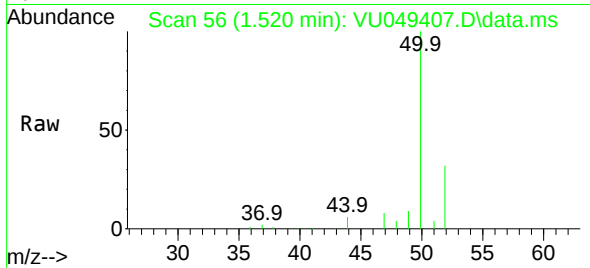
Tgt Ion: 85 Resp: 44805
Ion Ratio Lower Upper
85 100
87 35.5 16.4 49.2





#3
Chloromethane
Concen: 22.480 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

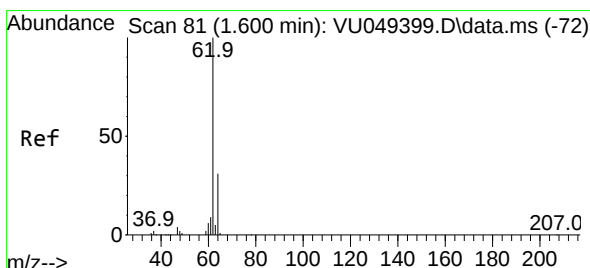
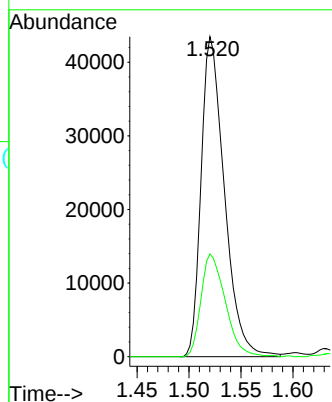
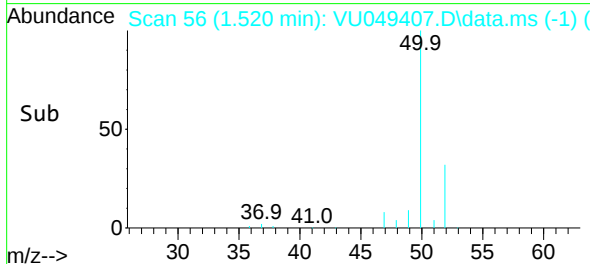
Instrument :
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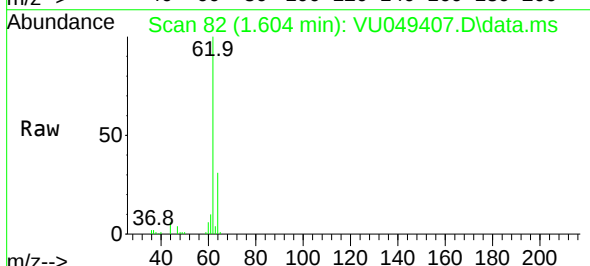
Tgt Ion: 50 Resp: 67784
Ion Ratio Lower Upper
50 100
52 32.1 27.4 41.2

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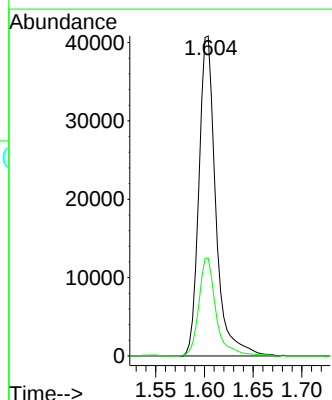
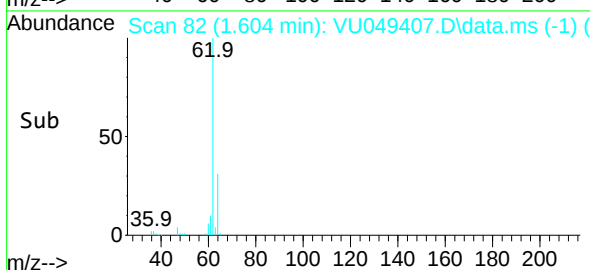
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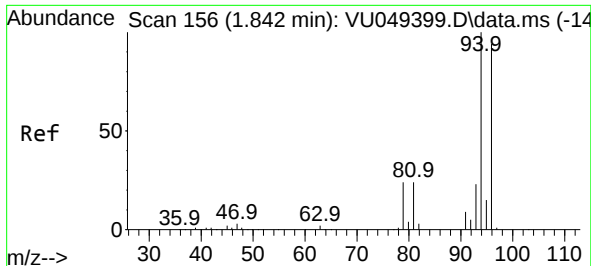


#4
Vinyl Chloride
Concen: 20.165 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



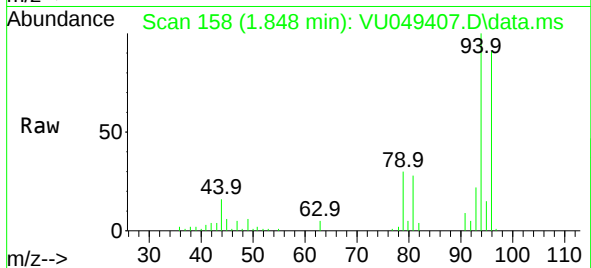
Tgt Ion: 62 Resp: 49101
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9





#5
Bromomethane
Concen: 20.942 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

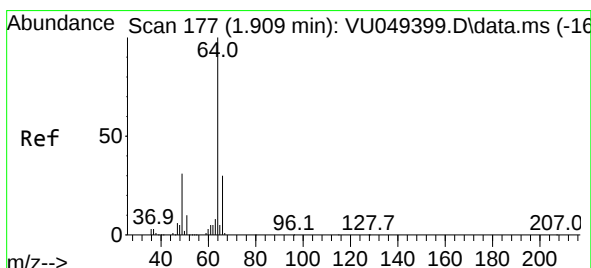
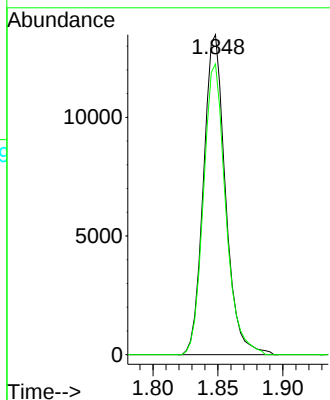
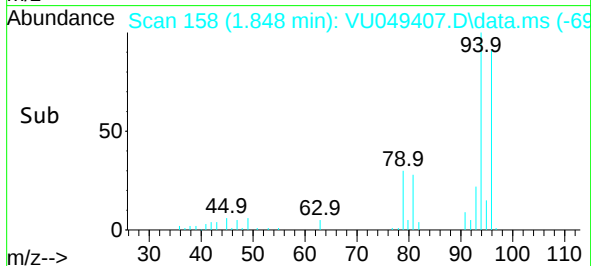
Instrument :
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Tgt Ion: 94 Resp: 1585
Ion Ratio Lower Upper
94 100
96 90.9 73.7 110.5

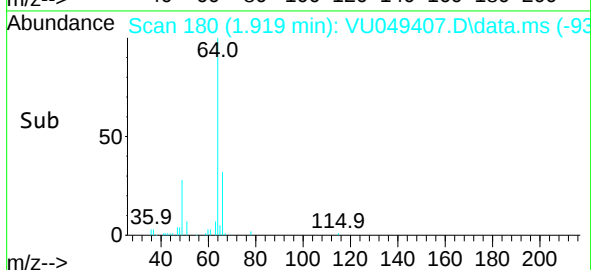
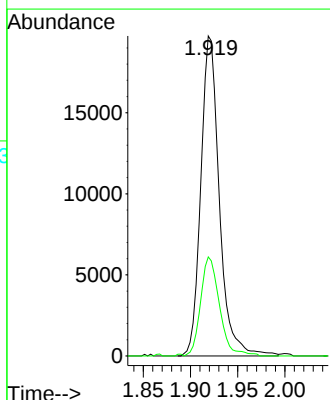
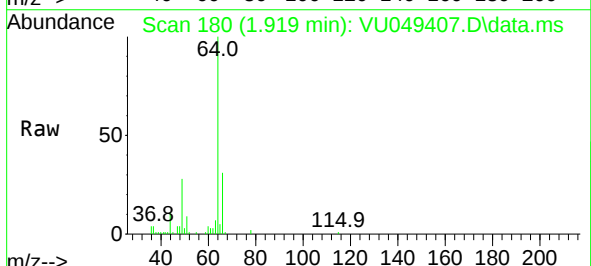
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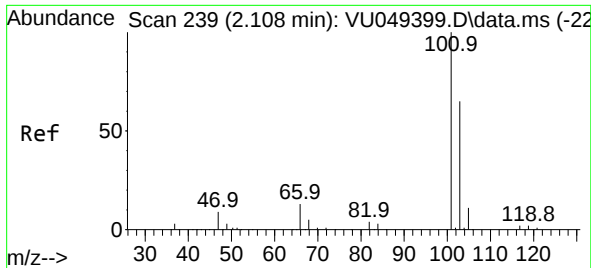
Reviewed By :John Carlone 06/28/2022
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#6
Chloroethane
Concen: 24.982 ug/l
RT: 1.919 min Scan# 180
Delta R.T. -0.019 min
Lab File: VU049407.D
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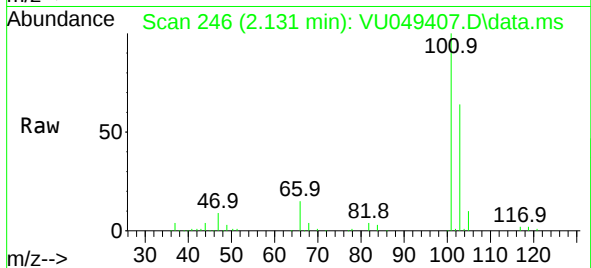
Tgt Ion: 64 Resp: 26942
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1





#7
Trichlorofluoromethane
Concen: 18.767 ug/l
RT: 2.131 min Scan# 246
Delta R.T. -0.010 min
Lab File: VU049407.D
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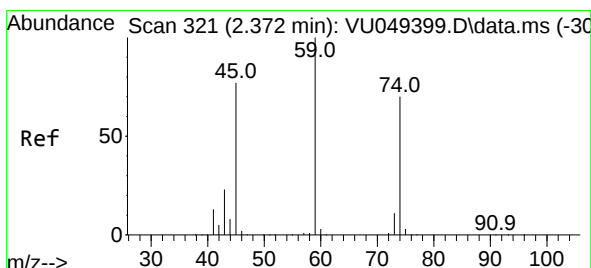
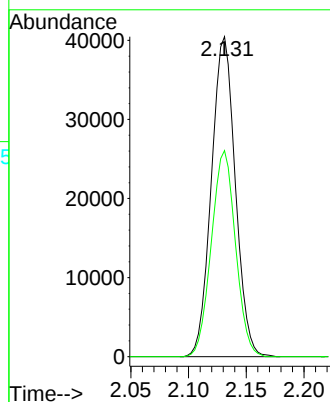
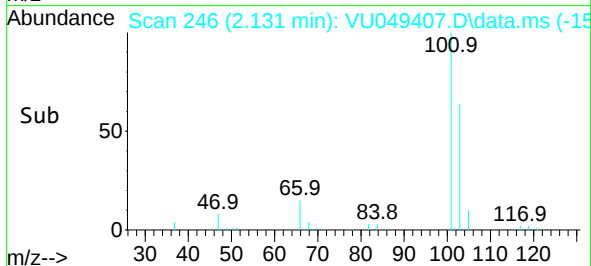
Instrument :
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Tgt Ion:101 Resp: 58239
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

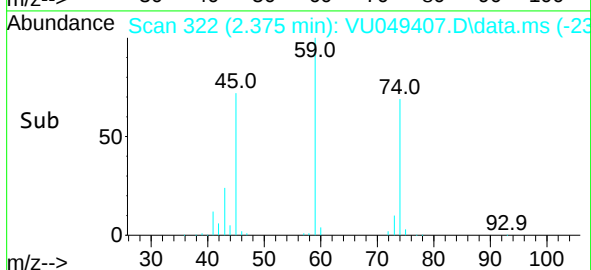
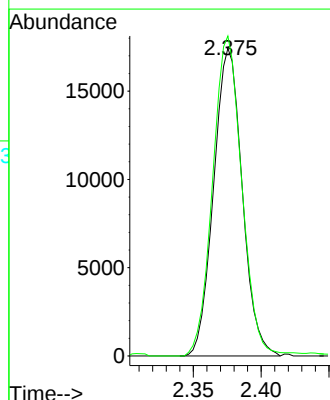
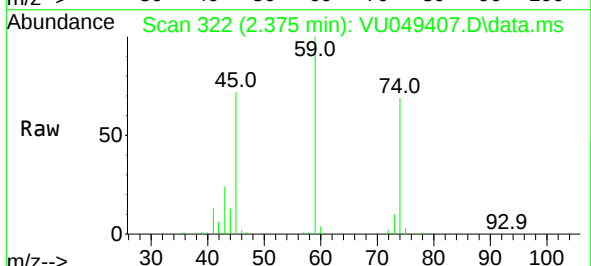
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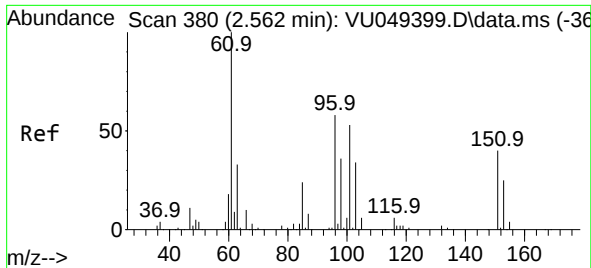
Reviewed By :John Carlone 06/28/2022
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#8
Diethyl Ether
Concen: 22.751 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 25503
Ion Ratio Lower Upper
74 100
45 106.1 44.4 133.2





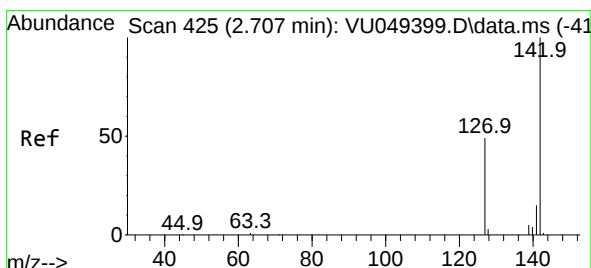
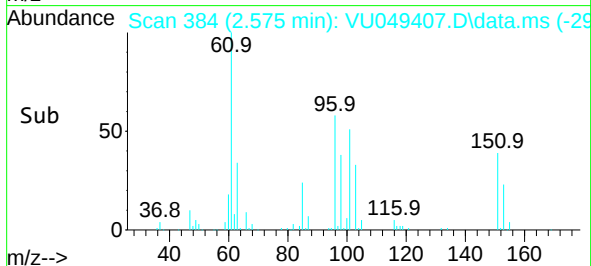
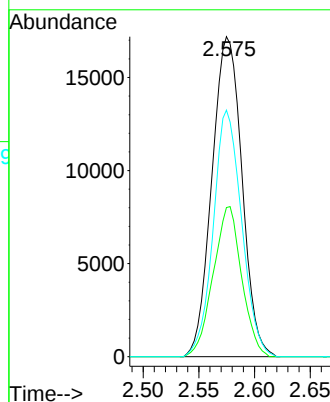
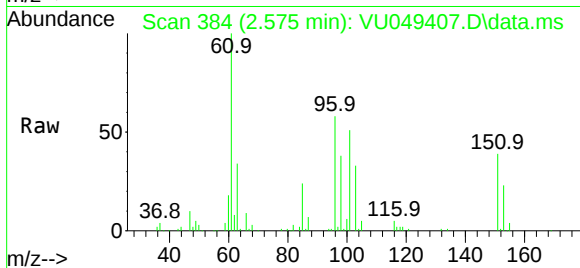
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.324 ug/l
RT: 2.575 min Scan# 380
Delta R.T. -0.010 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion:101 Resp: 3226
Ion Ratio Lower Upper
101 100
85 44.4 33.9 50.9
151 72.9 64.0 96.0

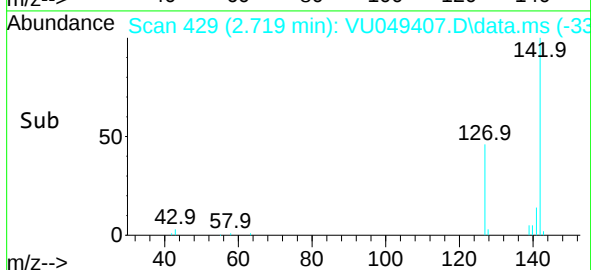
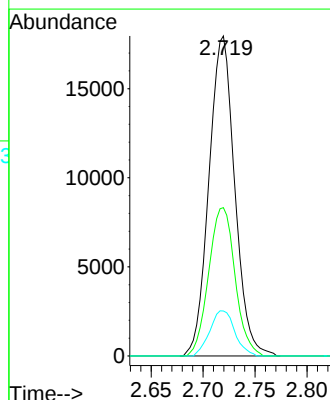
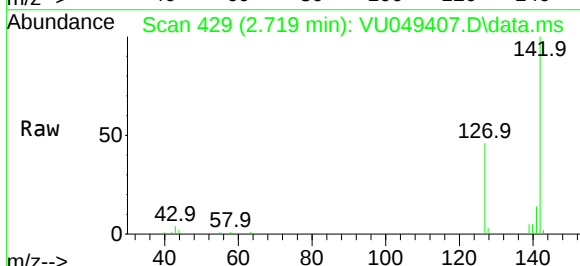
Manual Integrations
APPROVED

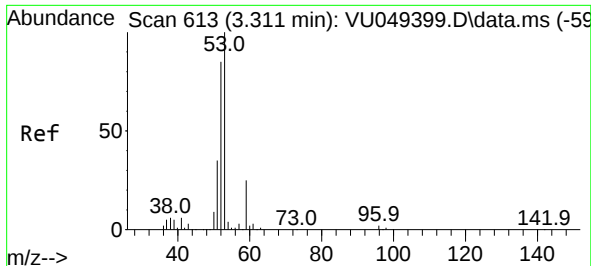
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Methyl Iodide
Concen: 23.579 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.007 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

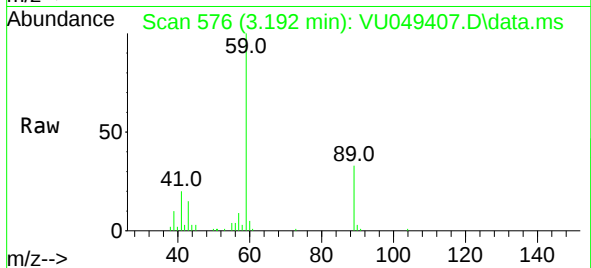
Tgt Ion:142 Resp: 31024
Ion Ratio Lower Upper
142 100
127 47.4 32.5 48.7
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 146.219 ug/l m
RT: 3.192 min Scan# 51
Delta R.T. -0.103 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

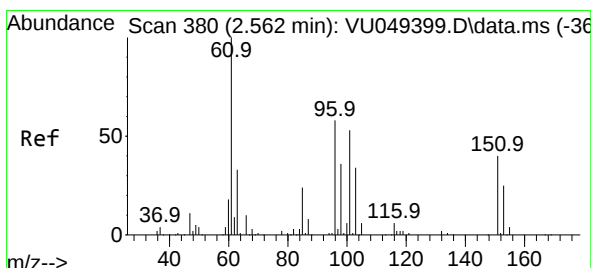
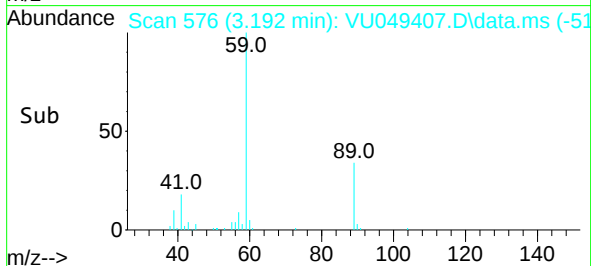
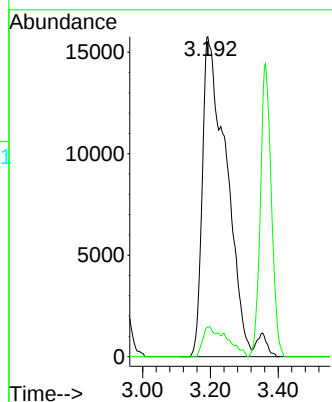
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 59 Resp: 79329
Ion Ratio Lower Upper
59 100
57 40.8 30.6 45.8

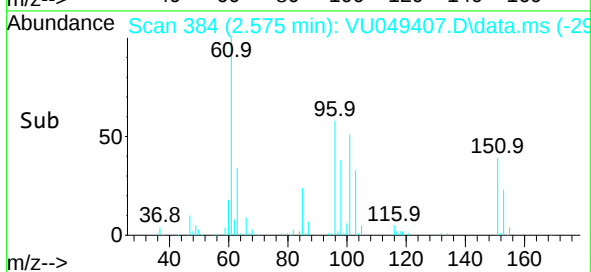
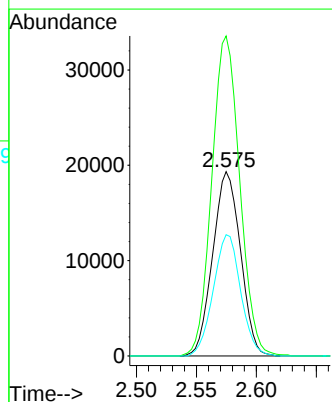
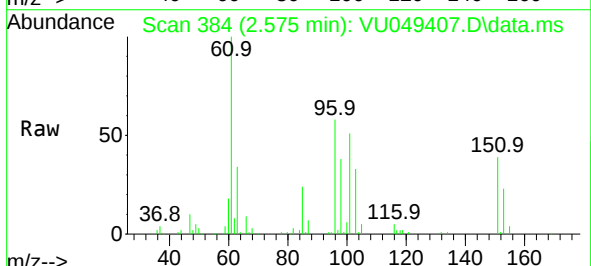
Manual Integrations
APPROVED

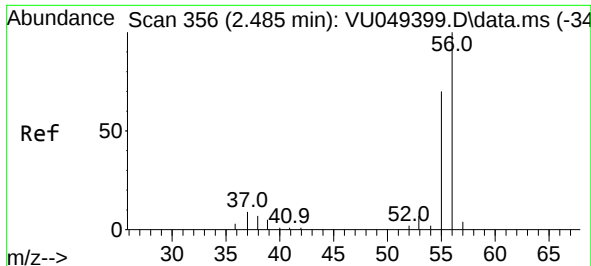
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1-Dichloroethene
Concen: 19.009 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

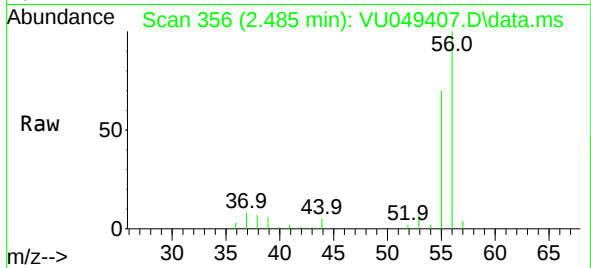
Tgt Ion: 96 Resp: 31074
Ion Ratio Lower Upper
96 100
61 173.7 122.2 183.2
98 65.8 50.7 76.1





#13
Acrolein
Concen: 98.805 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.013 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

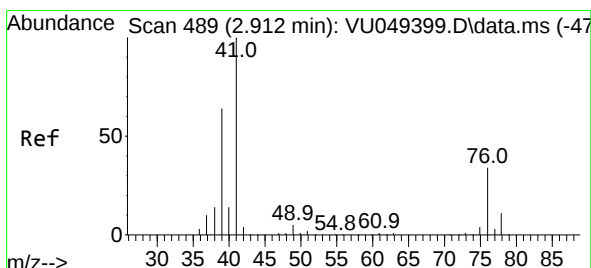
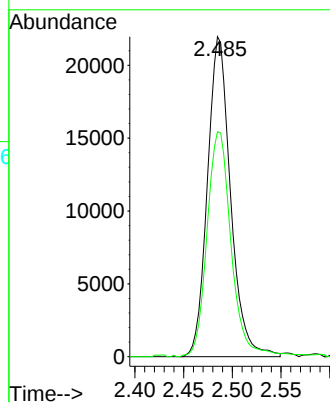
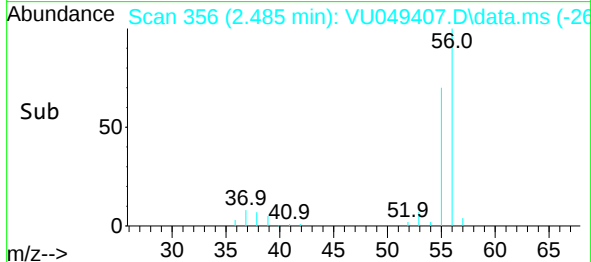
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 56 Resp: 36302
Ion Ratio Lower Upper
56 100
55 73.6 56.6 85.0

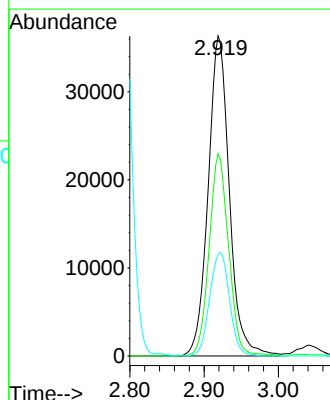
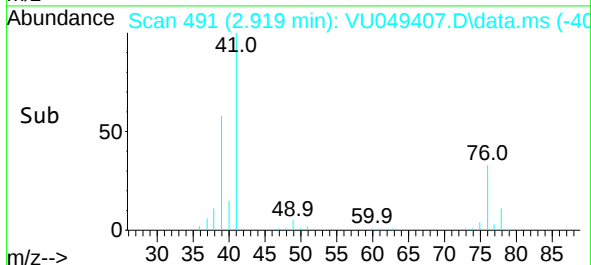
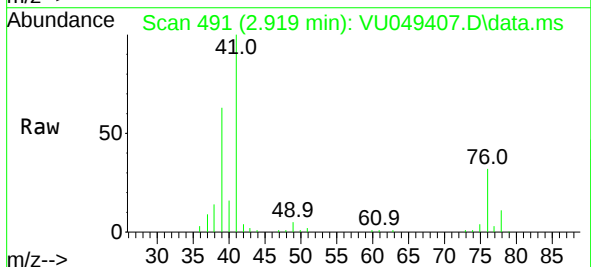
Manual Integrations
APPROVED

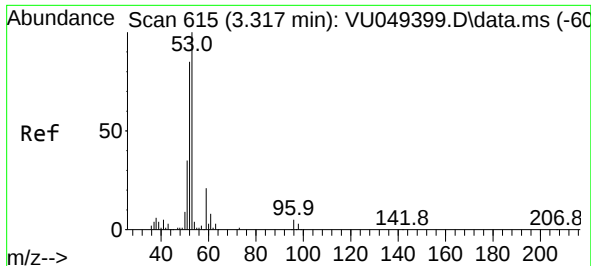
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#14
Allyl chloride
Concen: 21.789 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.010 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

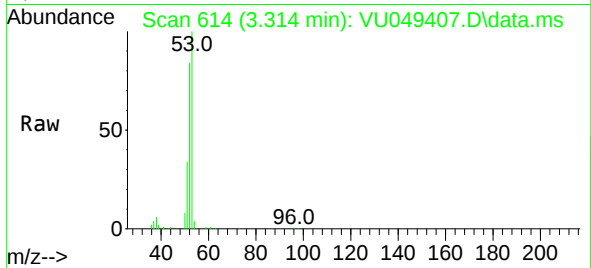
Tgt Ion: 41 Resp: 71986
Ion Ratio Lower Upper
41 100
39 58.1 53.4 80.2
76 30.3 33.8 50.6#





#15
Acrylonitrile
Concen: 121.742 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.013 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

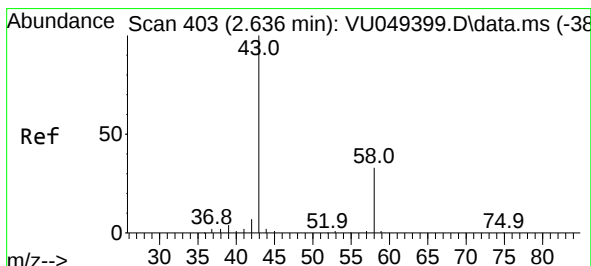
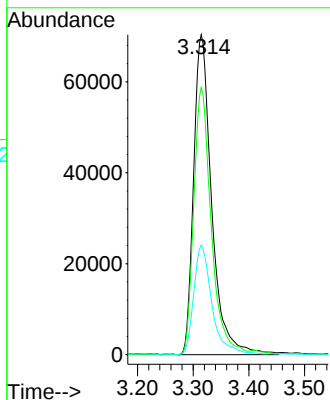
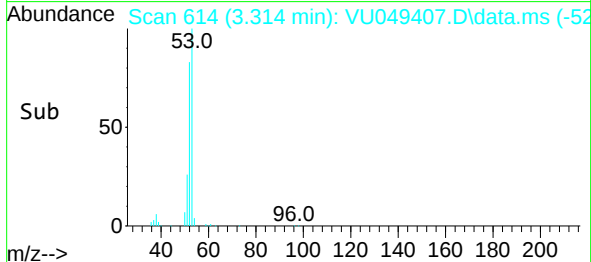
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



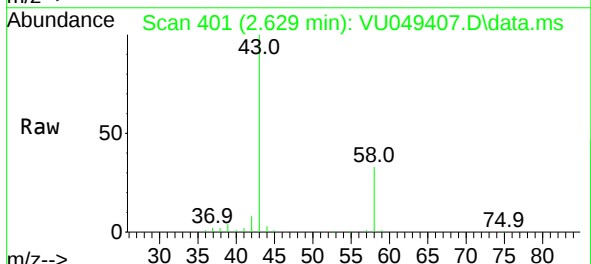
Tgt Ion: 53 Resp: 15885
Ion Ratio Lower Upper
53 100
52 80.4 65.7 98.5
51 34.7 28.2 42.4

Manual Integrations
APPROVED

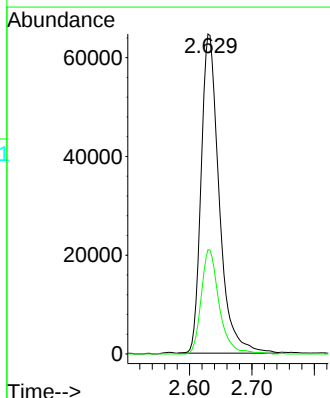
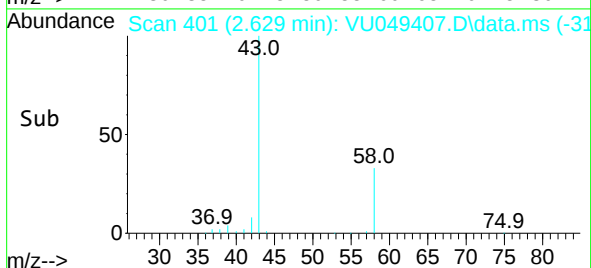
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

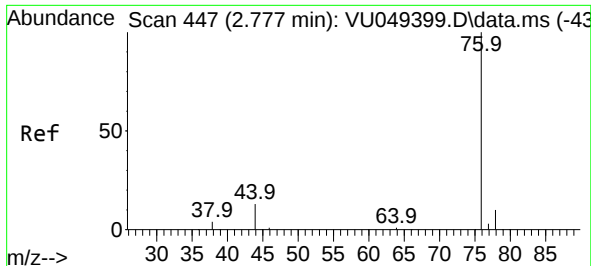


#16
Acetone
Concen: 111.237 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.023 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



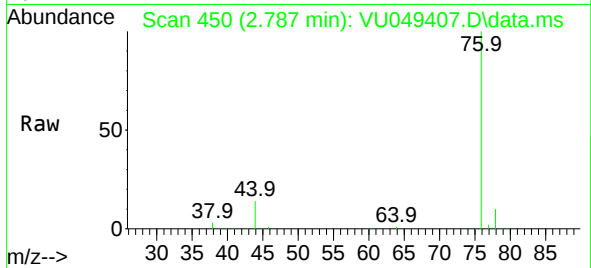
Tgt Ion: 43 Resp: 130027
Ion Ratio Lower Upper
43 100
58 32.7 27.5 41.3





#17
Carbon Disulfide
Concen: 18.369 ug/l
RT: 2.787 min Scan# 41
Delta R.T. -0.013 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

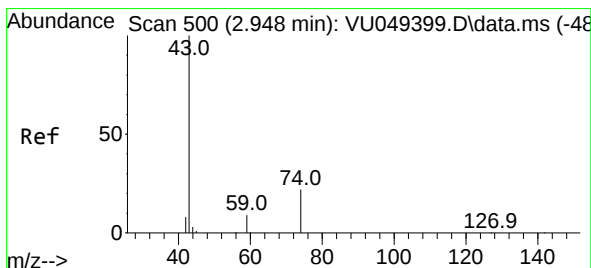
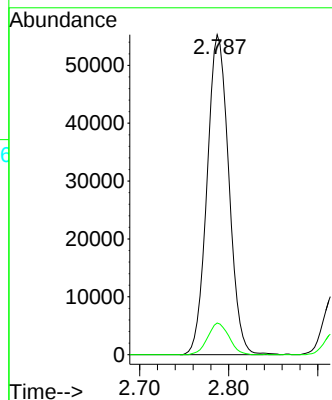
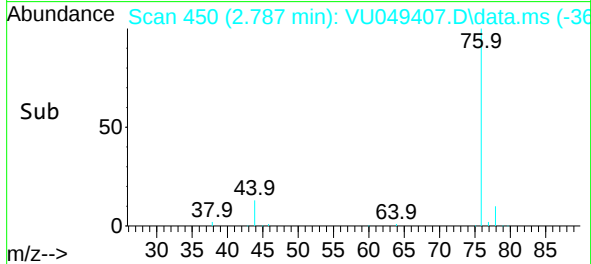
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



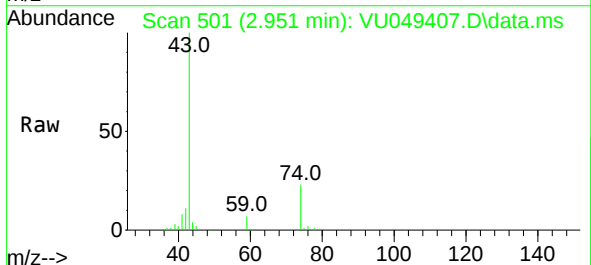
Tgt Ion: 76 Resp: 9364
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9

Manual Integrations
APPROVED

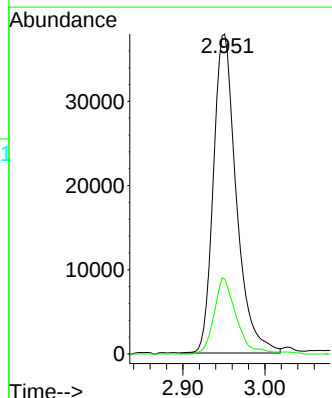
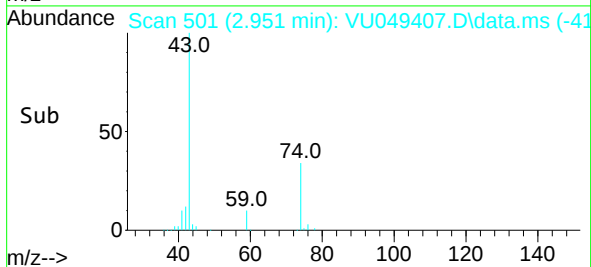
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
Methyl Acetate
Concen: 23.286 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.006 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion: 43 Resp: 73685
Ion Ratio Lower Upper
43 100
74 23.4 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 22.679 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 73 Resp: 13788

Ion Ratio Lower Upper

73 100

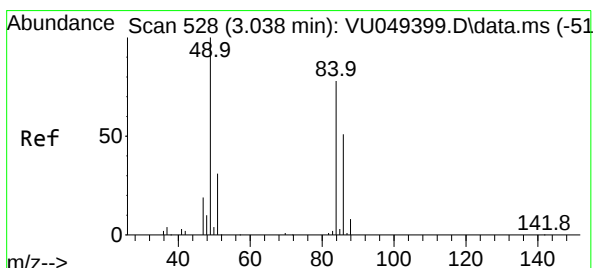
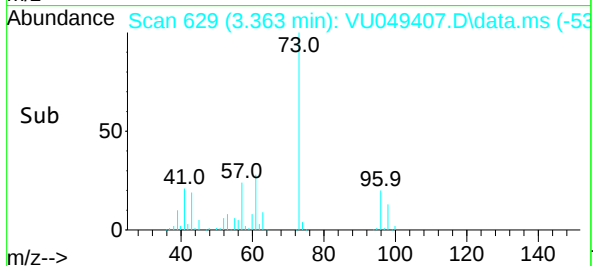
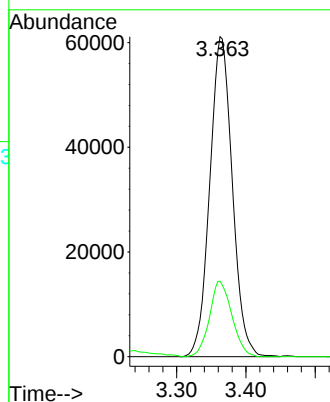
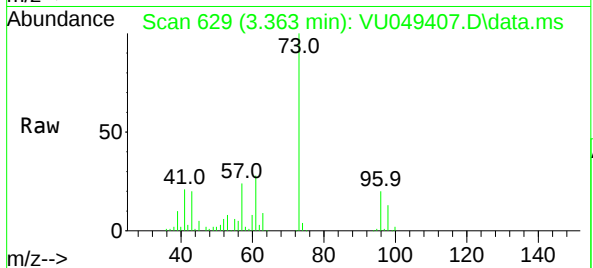
57 23.6 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#20

Methylene Chloride

Concen: 25.044 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.010 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Tgt Ion: 84 Resp: 49453

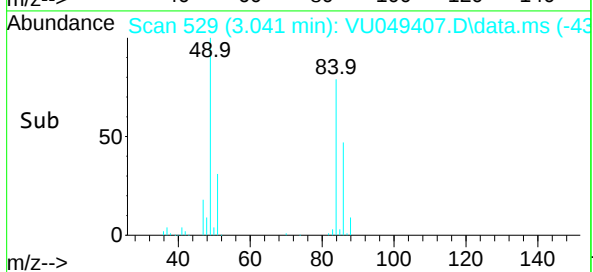
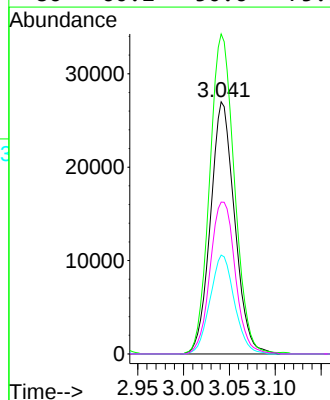
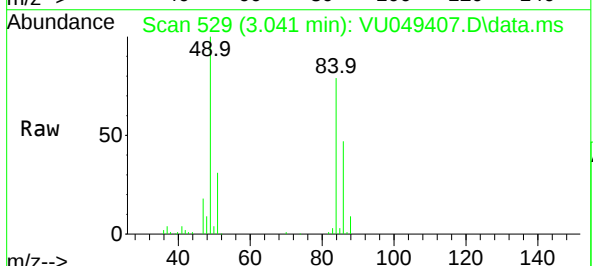
Ion Ratio Lower Upper

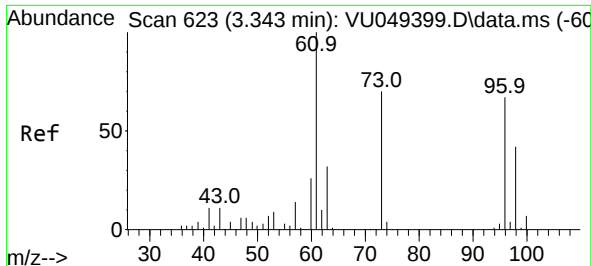
84 100

49 126.9 86.6 129.8

51 39.2 26.6 40.0

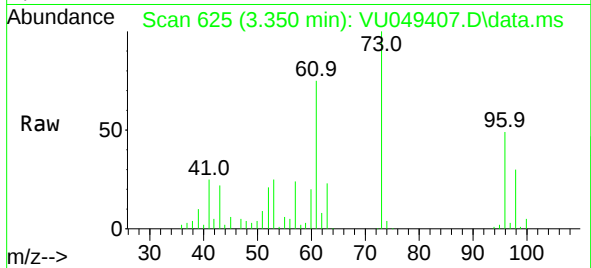
86 60.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.057 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

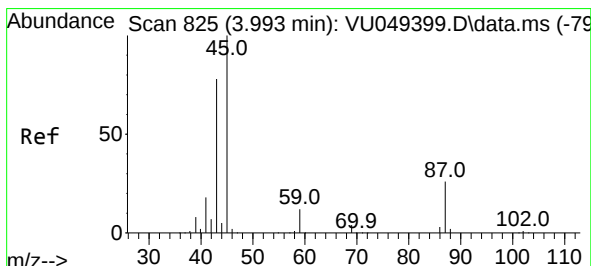
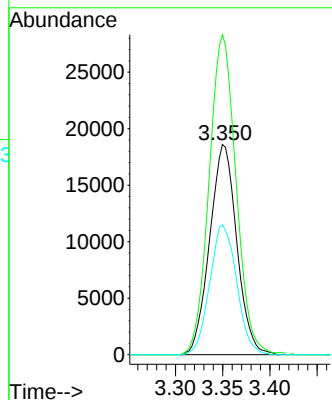
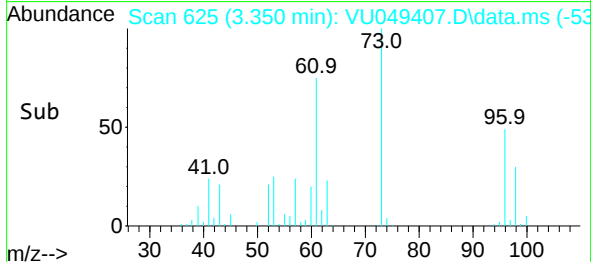
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 96 Resp: 3710
Ion Ratio Lower Upper
96 100
61 152.3 106.1 159.1
98 61.8 50.8 76.2

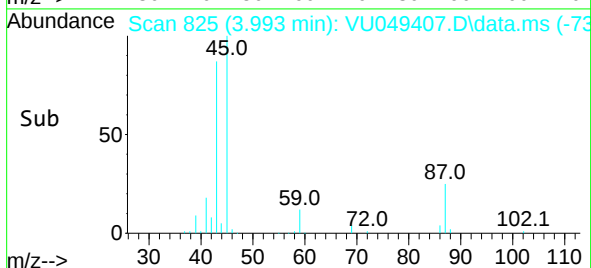
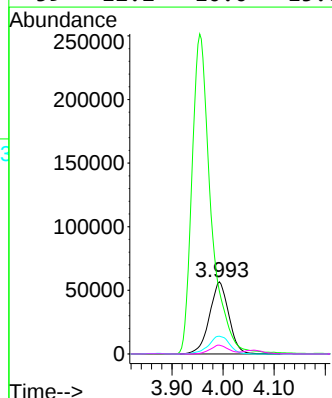
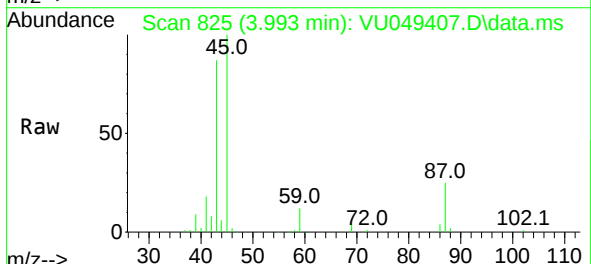
Manual Integrations
APPROVED

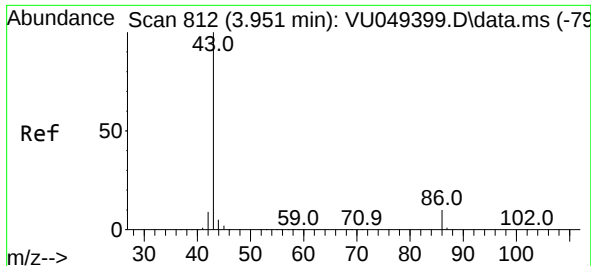
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
Diisopropyl ether
Concen: 23.622 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

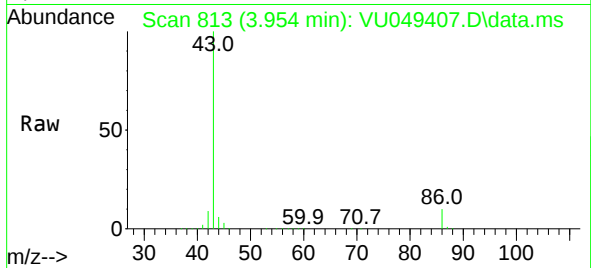
Tgt Ion: 45 Resp: 149005
Ion Ratio Lower Upper
45 100
43 85.3 92.9 139.3#
87 24.5 26.2 39.2#
59 12.2 10.0 15.0





#23
 Vinyl Acetate
 Concen: 117.496 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: VU049407.D
 Acq: 27 Jun 2022 16:42

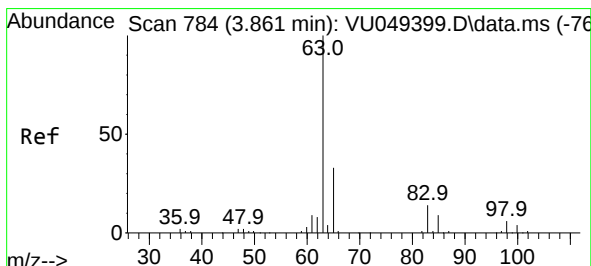
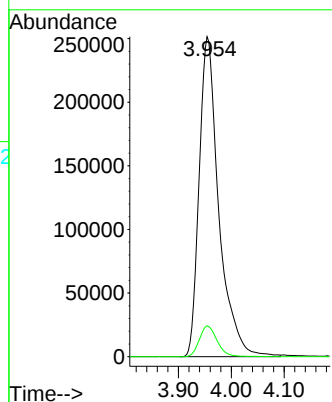
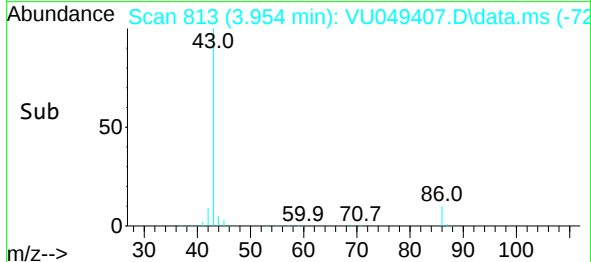
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01



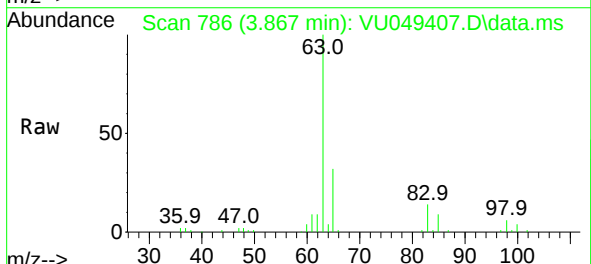
Tgt Ion: 43 Resp: 649614
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.8 14.8

Manual Integrations
 APPROVED

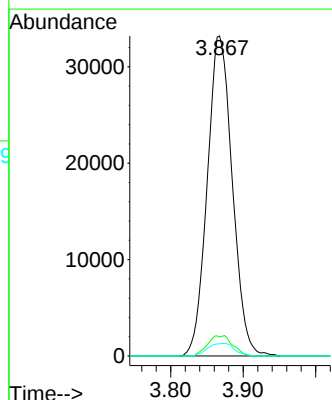
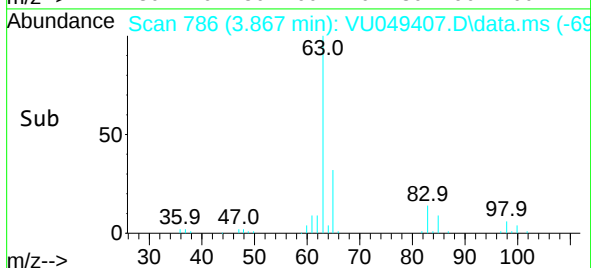
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

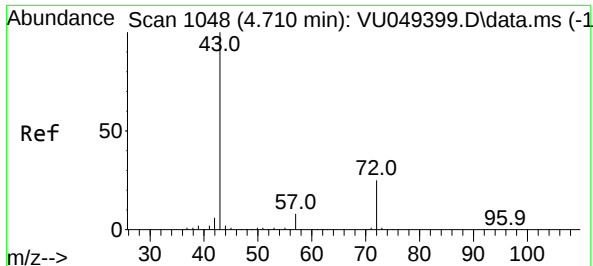


#24
 1,1-Dichloroethane
 Concen: 22.008 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: VU049407.D
 Acq: 27 Jun 2022 16:42



Tgt Ion: 63 Resp: 79743
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 3.8 2.4 7.2





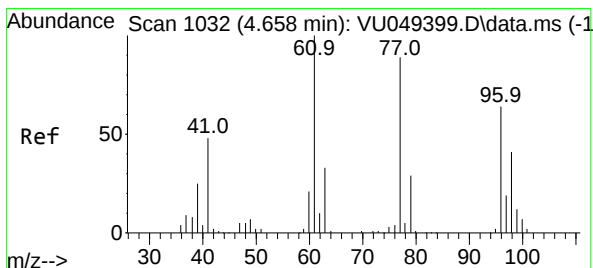
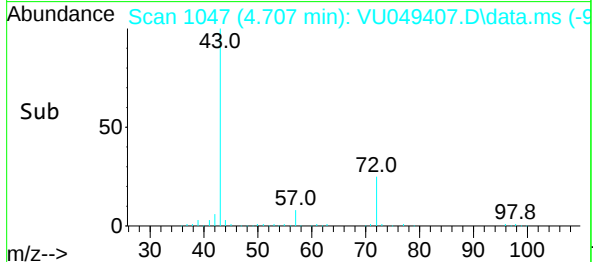
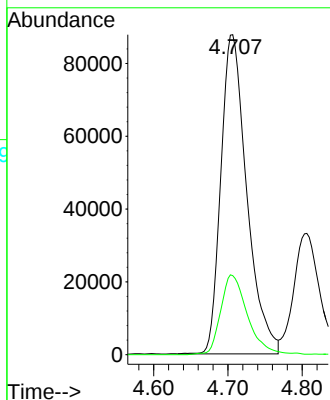
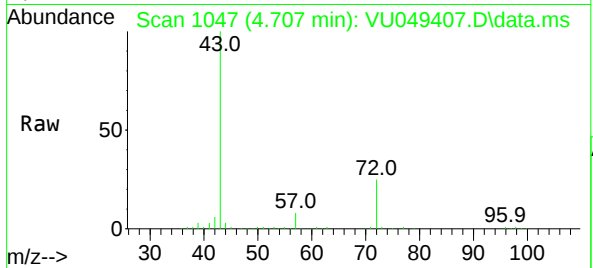
#25
2-Butanone
Concen: 121.469 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.010 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion: 43 Resp: 212789
Ion Ratio Lower Upper
43 100
72 24.8 23.8 35.6

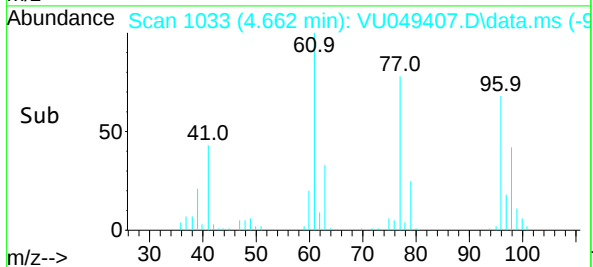
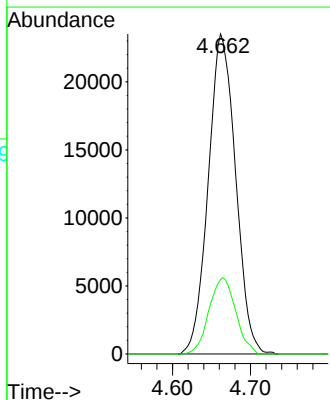
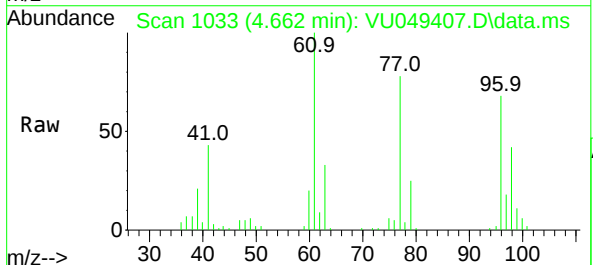
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 18.994 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.010 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Tgt Ion: 77 Resp: 57278
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 23.243 ug/l

RT: 4.665 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 96 Resp: 4732

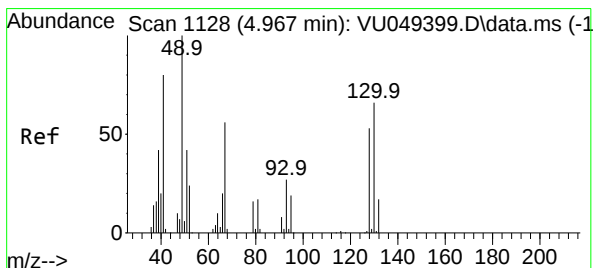
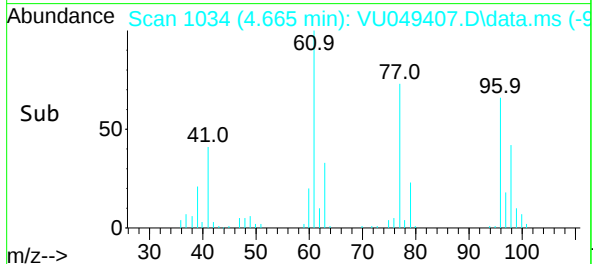
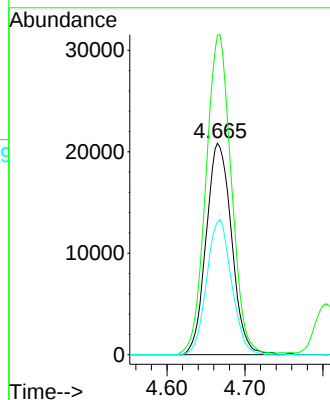
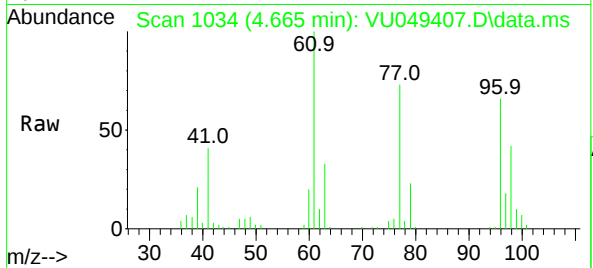
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	271.6
98	62.4	0.0	128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

Bromochloromethane

Concen: 26.240 ug/l

RT: 4.973 min Scan# 1130

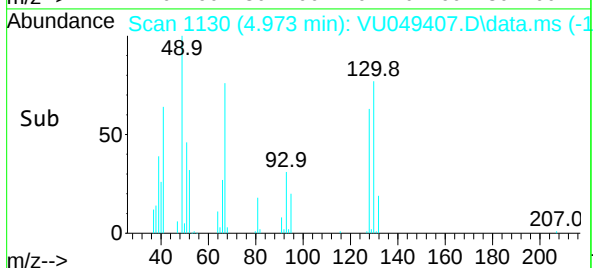
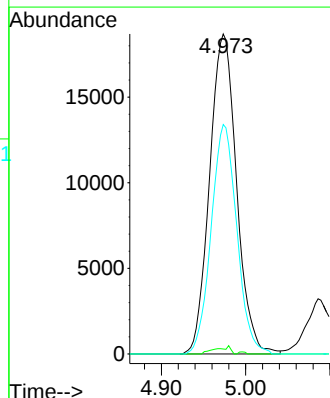
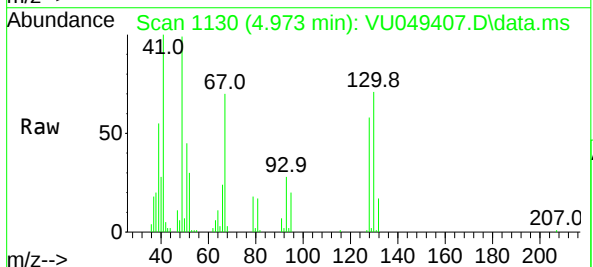
Delta R.T. -0.006 min

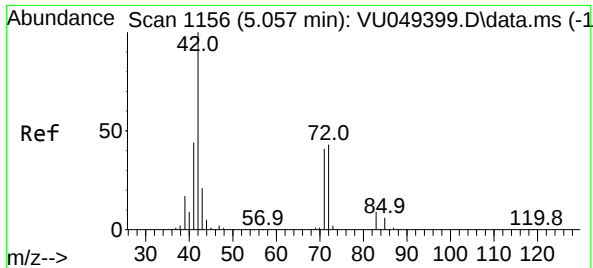
Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Tgt Ion: 49 Resp: 41558

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	68.2	76.9	115.3#





#29

Tetrahydrofuran

Concen: 117.591 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.010 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 42 Resp: 14131

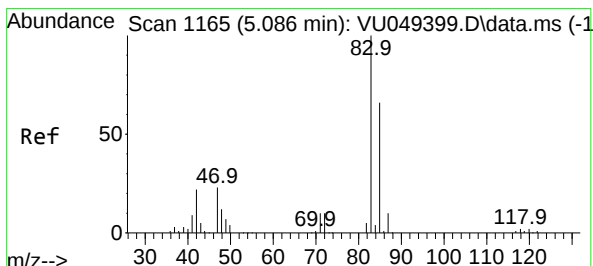
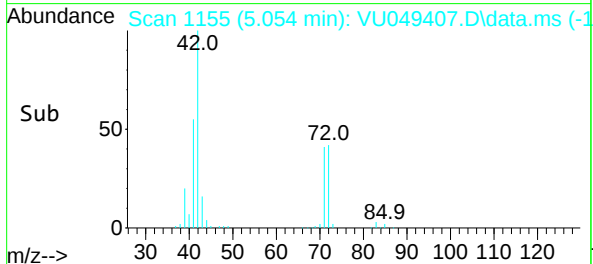
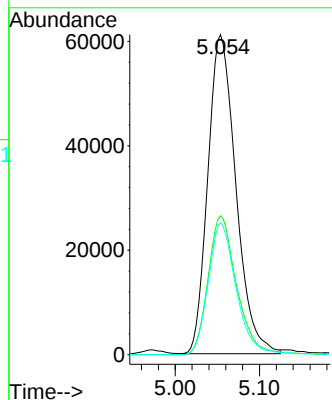
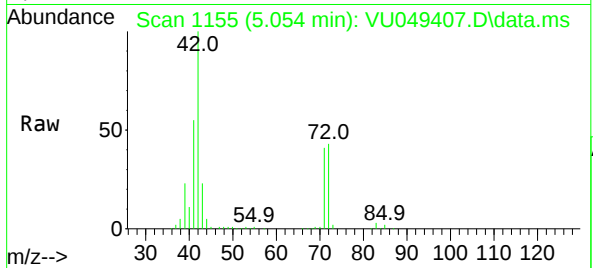
Ion	Ratio	Lower	Upper
42	100		
72	44.0	42.6	63.8
71	40.8	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Chloroform

Concen: 22.573 ug/l

RT: 5.089 min Scan# 1166

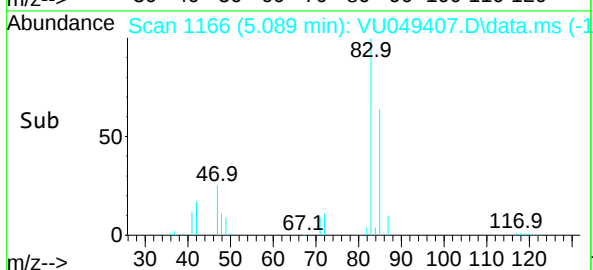
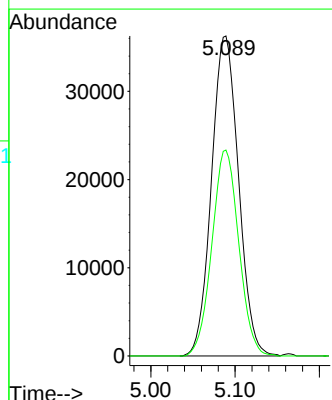
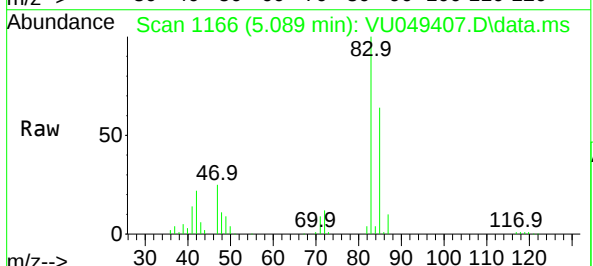
Delta R.T. -0.003 min

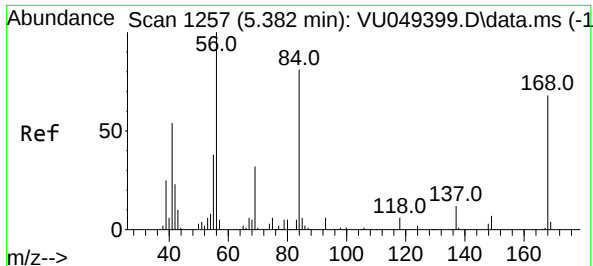
Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Tgt Ion: 83 Resp: 80905

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





#31

Cyclohexane

Concen: 18.120 ug/l

RT: 5.388 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 56 Resp: 6306

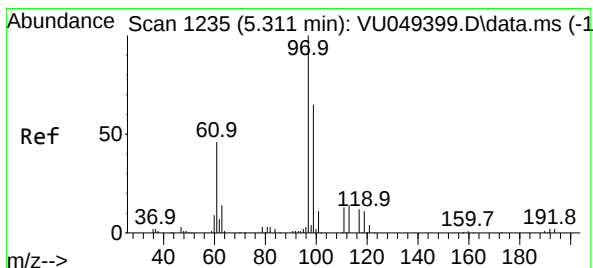
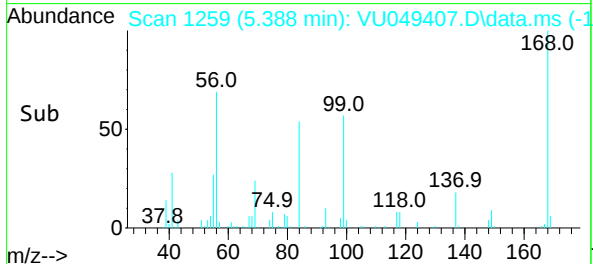
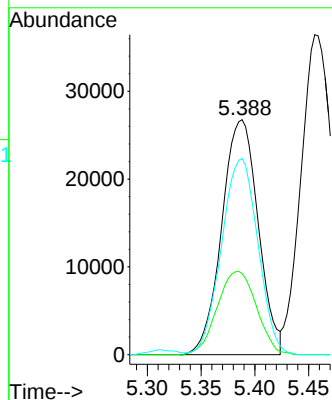
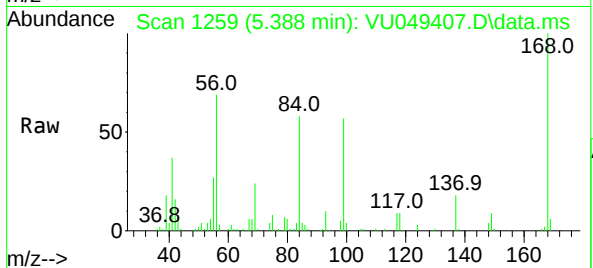
Ion	Ratio	Lower	Upper
56	100		
69	34.5	27.8	41.8
84	82.5	74.2	111.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 20.208 ug/l

RT: 5.314 min Scan# 1236

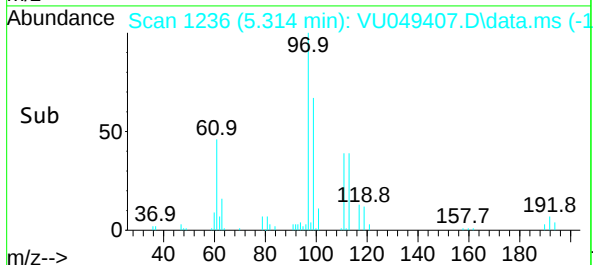
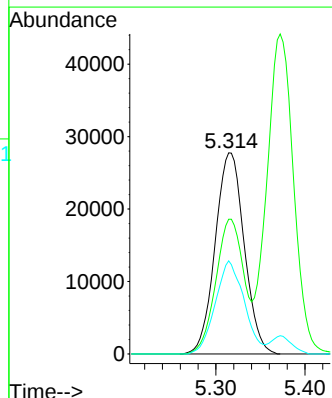
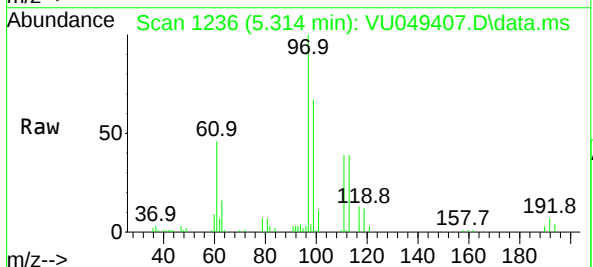
Delta R.T. -0.006 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Tgt Ion: 97 Resp: 62842

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	46.3	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 59.285 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 65 Resp: 137418

Ion Ratio Lower Upper

65 100

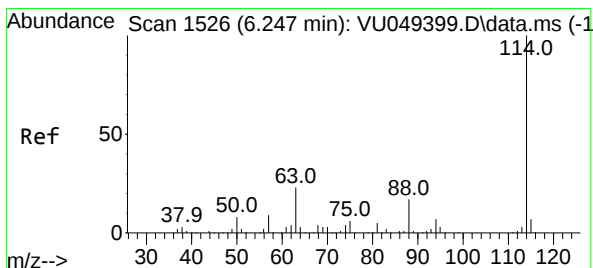
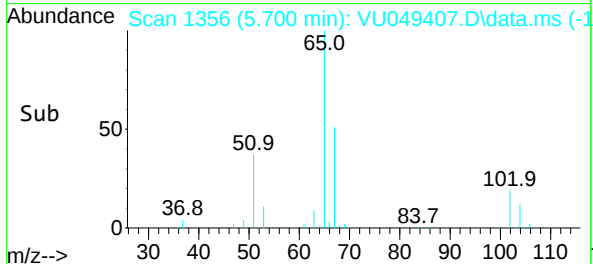
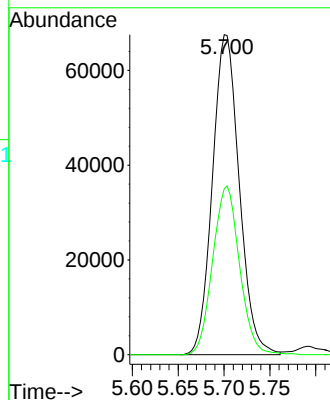
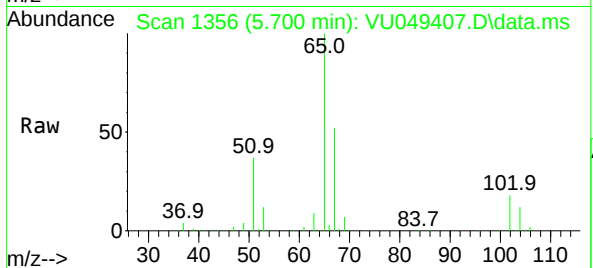
67 52.8 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

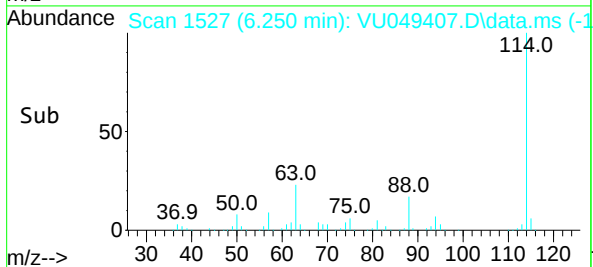
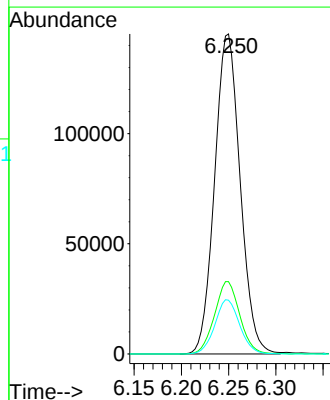
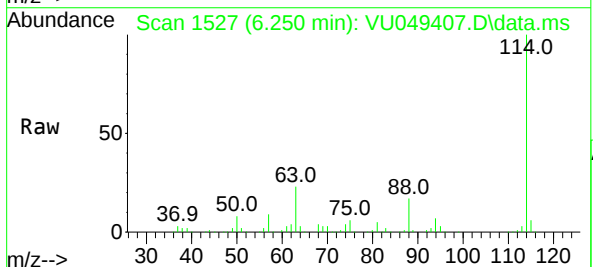
Tgt Ion:114 Resp: 272496

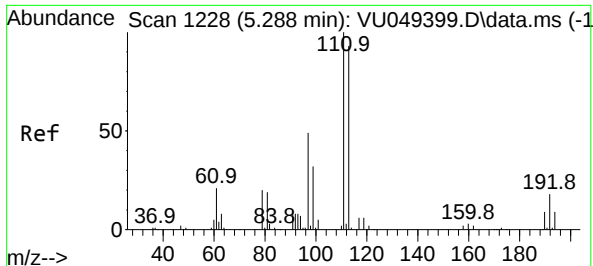
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

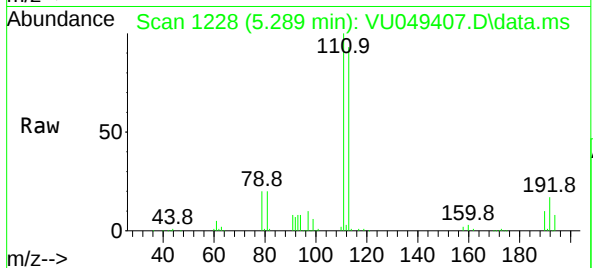
88 16.8 0.0 29.2





#35
Dibromofluoromethane
Concen: 53.502 ug/l
RT: 5.289 min Scan# 1119
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

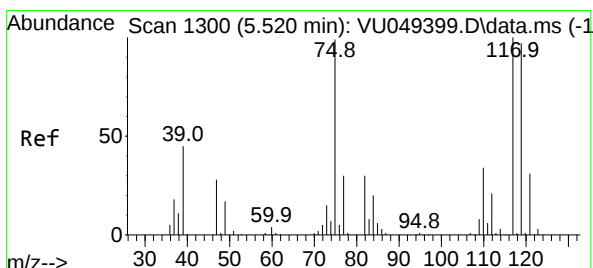
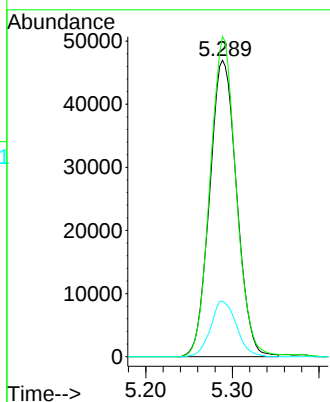
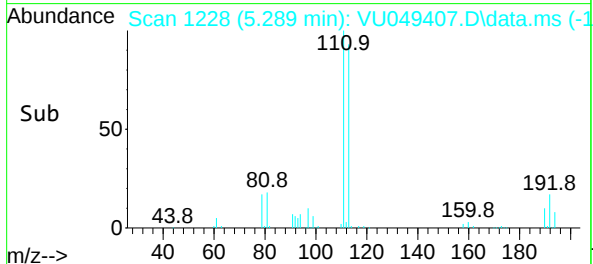
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



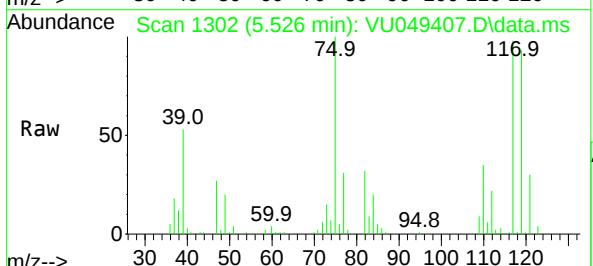
Tgt Ion:113 Resp: 101999
Ion Ratio Lower Upper
113 100
111 104.0 82.1 123.1
192 17.9 18.0 27.0

Manual Integrations
APPROVED

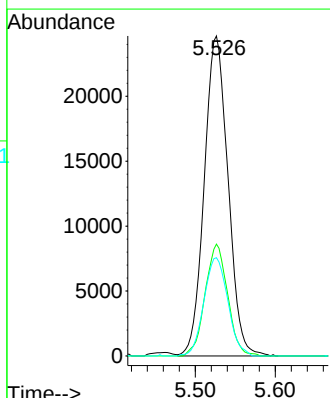
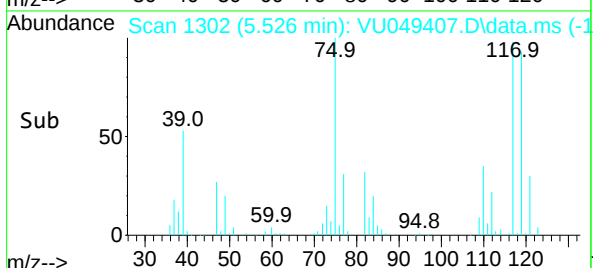
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

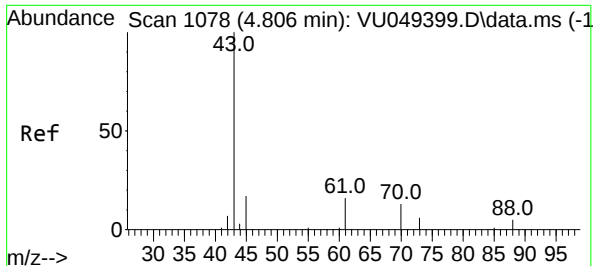


#36
1,1-Dichloropropene
Concen: 18.413 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



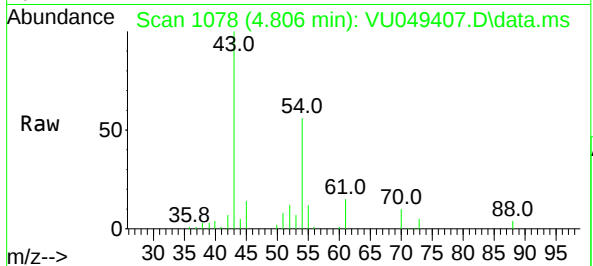
Tgt Ion: 75 Resp: 50900
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 21.278 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

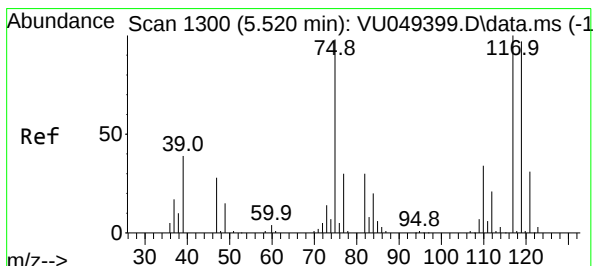
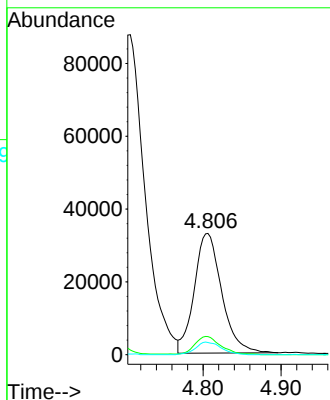
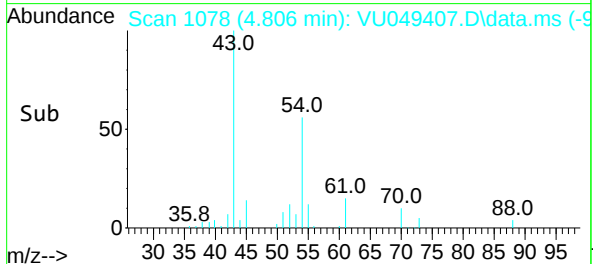
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



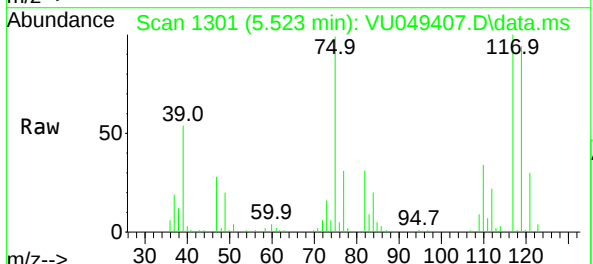
Tgt Ion: 43 Resp: 80374
Ion Ratio Lower Upper
43 100
61 14.5 9.5 14.3
70 9.8 7.5 11.3

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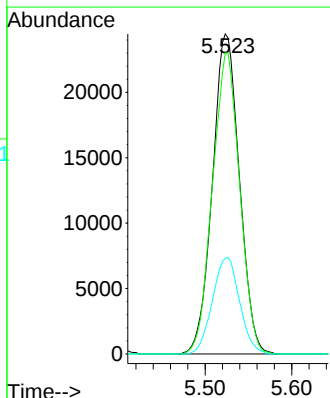
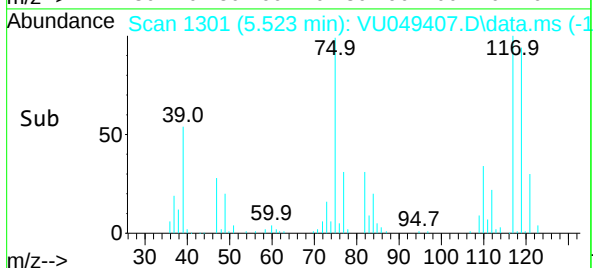
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

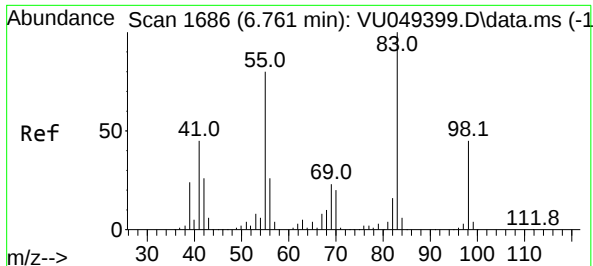


#38
Carbon Tetrachloride
Concen: 18.245 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion:117 Resp: 52893
Ion Ratio Lower Upper
117 100
119 94.1 76.8 115.2
121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 17.518 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

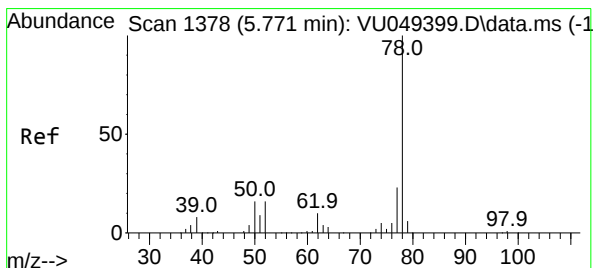
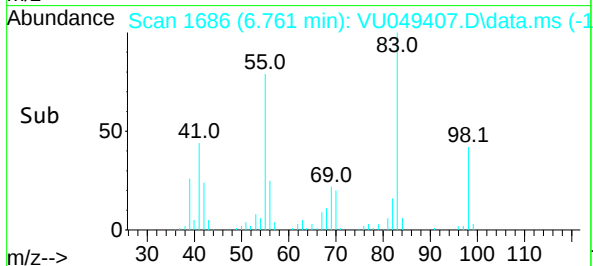
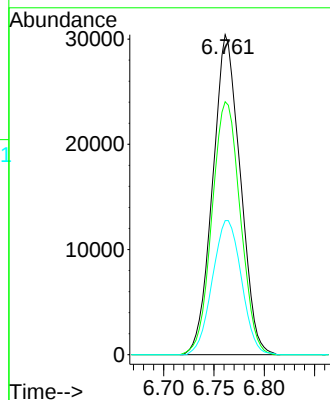
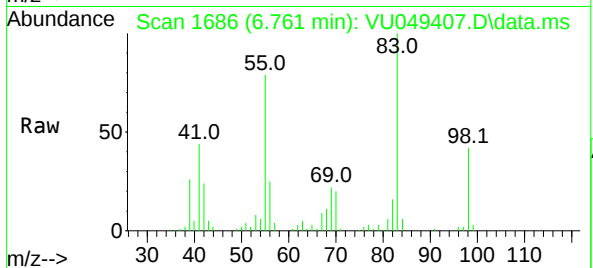
Tgt Ion: 83	Resp: 5804
Ion Ratio	Lower Upper
83 100	
55 79.1	55.3 82.9
98 41.9	37.3 55.9

Manual Integrations

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Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Benzene

Concen: 20.665 ug/l

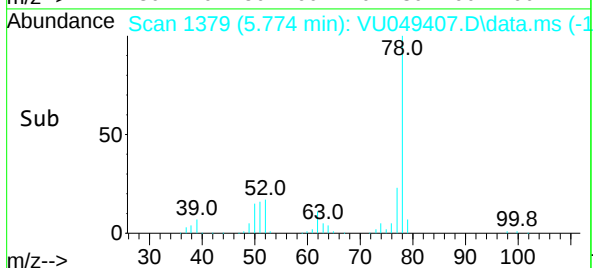
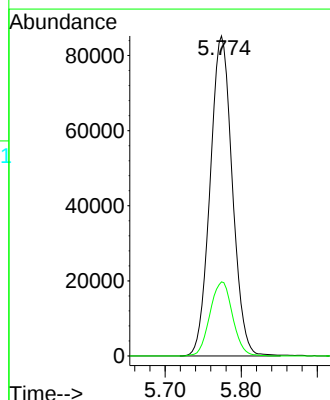
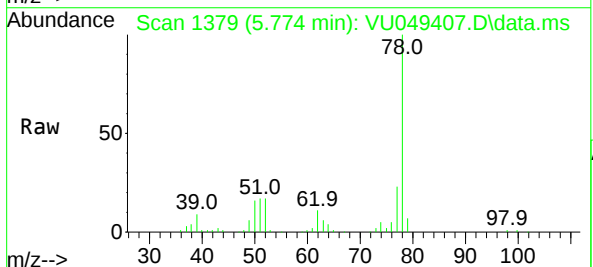
RT: 5.774 min Scan# 1379

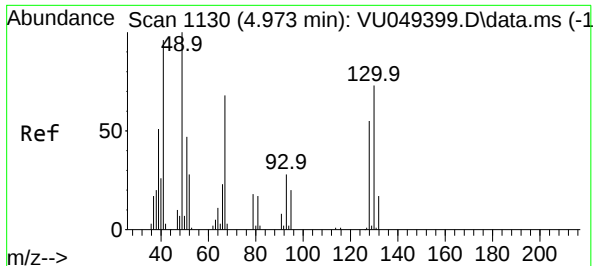
Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

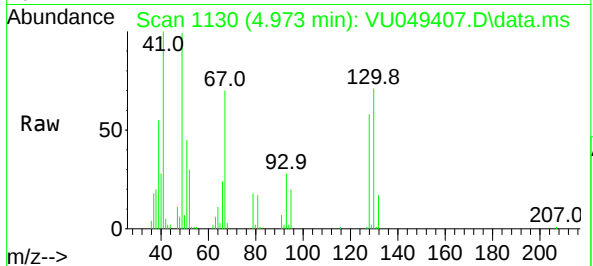
Tgt Ion: 78	Resp: 172470
Ion Ratio	Lower Upper
78 100	
77 23.2	18.8 28.2





#41
Methacrylonitrile
Concen: 22.127 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

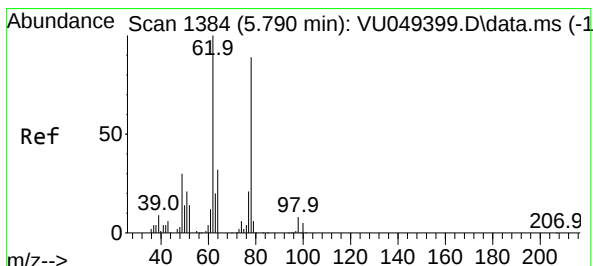
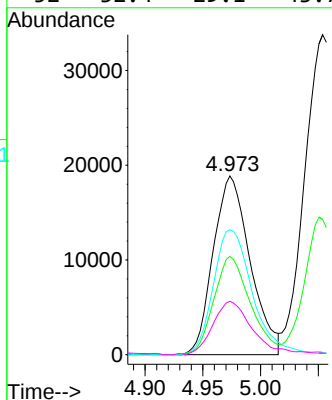
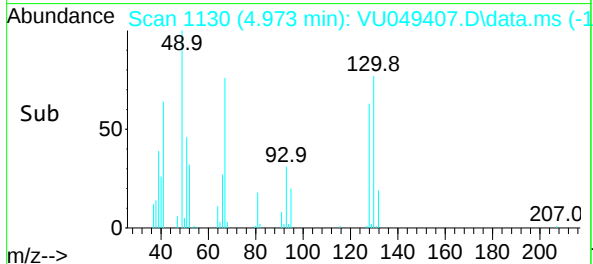
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



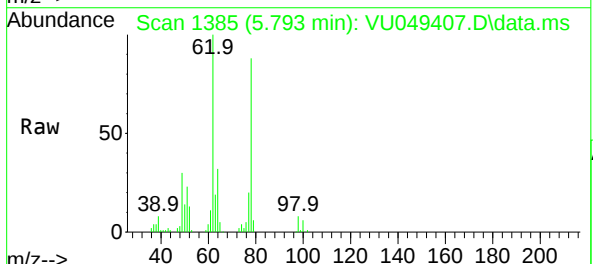
Tgt Ion: 41 Resp: 4188
Ion Ratio Lower Upper
41 100
39 54.4 43.1 64.7
67 73.9 72.3 108.5
52 32.4 29.1 43.7

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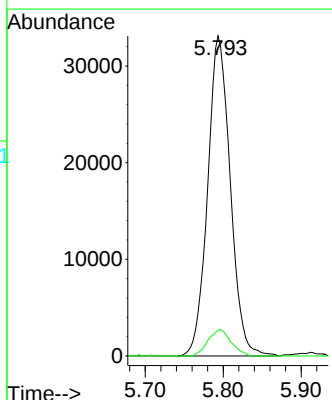
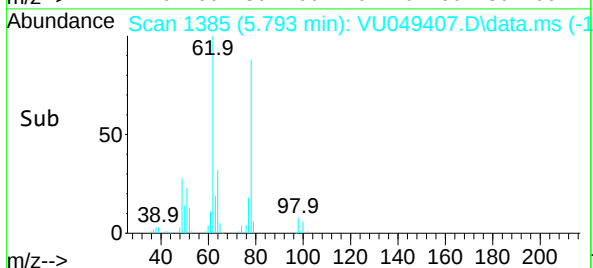
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

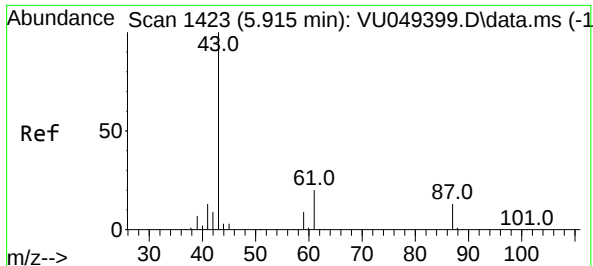


#42
1,2-Dichloroethane
Concen: 21.507 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



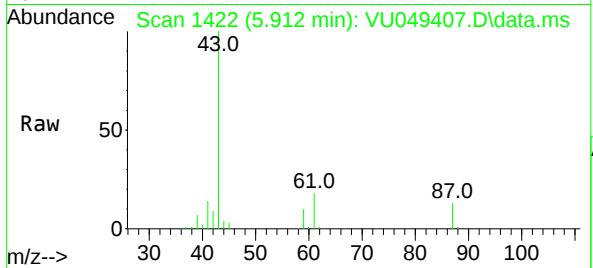
Tgt Ion: 62 Resp: 66806
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.6





#43
Isopropyl Acetate
Concen: 21.530 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

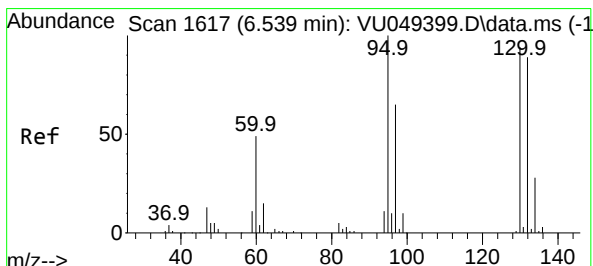
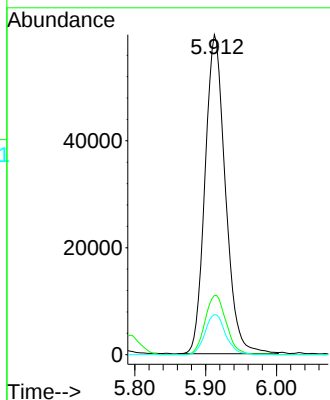
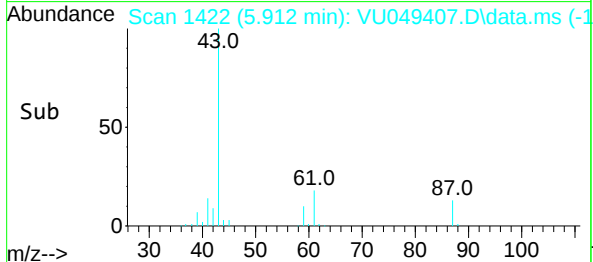
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



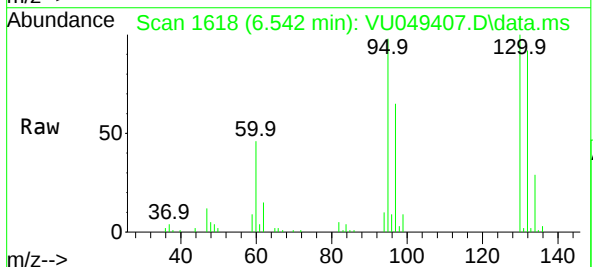
Tgt Ion: 43 Resp: 11916
Ion Ratio Lower Upper
43 100
61 19.4 17.4 26.0
87 12.7 12.6 18.8

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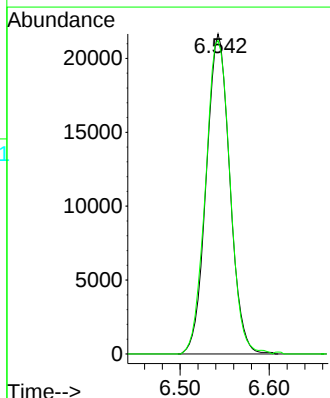
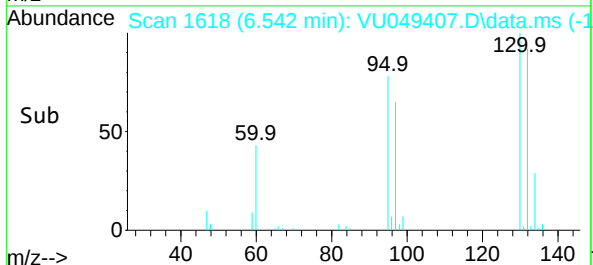
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

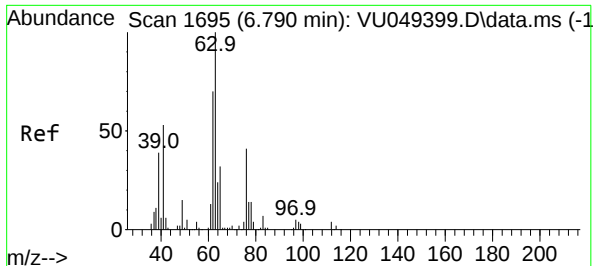


#44
Trichloroethene
Concen: 20.040 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion:130 Resp: 39760
Ion Ratio Lower Upper
130 100
95 97.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 21.200 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 63 Resp: 4902

Ion Ratio Lower Upper

63 100

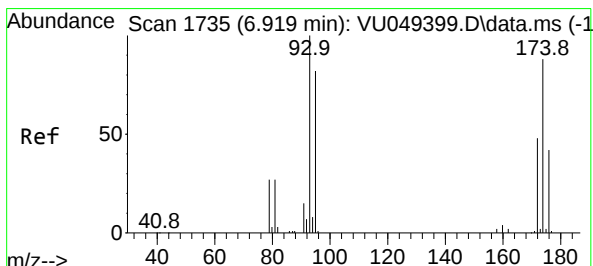
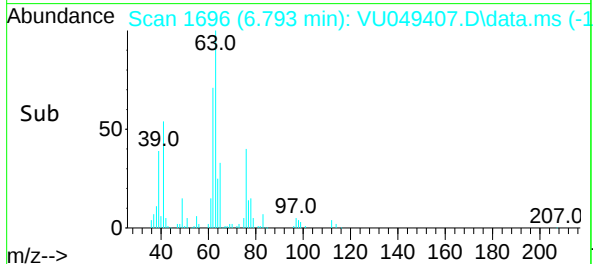
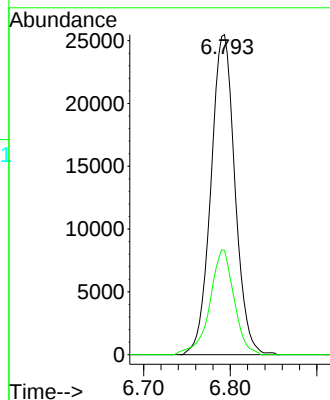
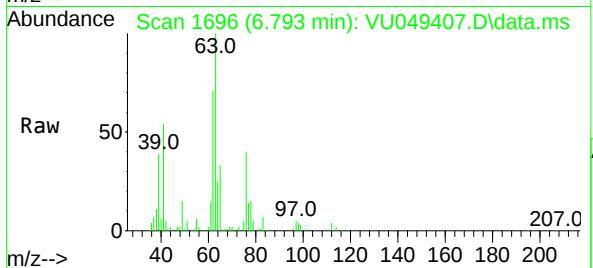
65 32.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Dibromomethane

Concen: 21.817 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

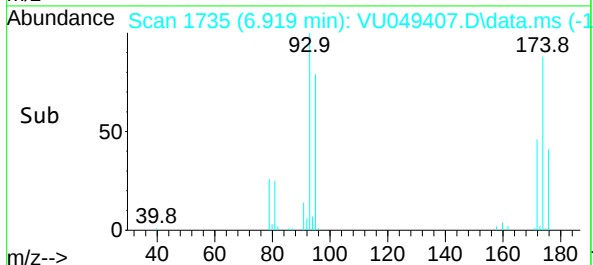
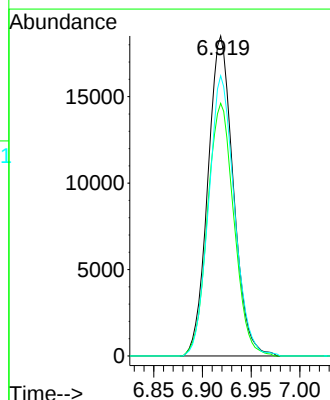
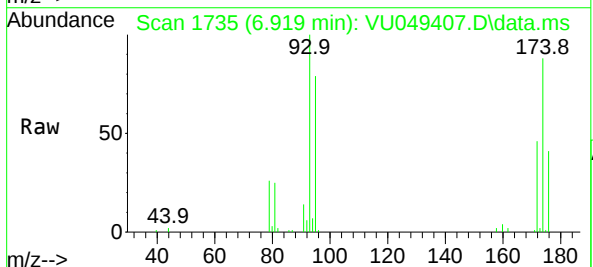
Tgt Ion: 93 Resp: 33638

Ion Ratio Lower Upper

93 100

95 81.5 66.3 99.5

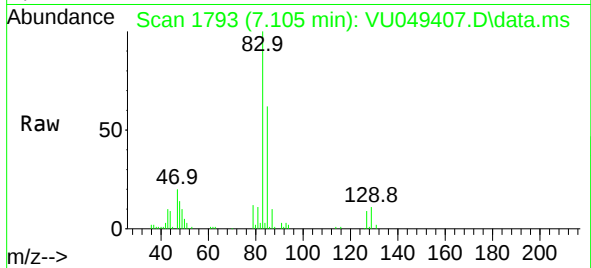
174 88.7 88.2 132.4





#47
Bromodichloromethane
Concen: 20.765 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

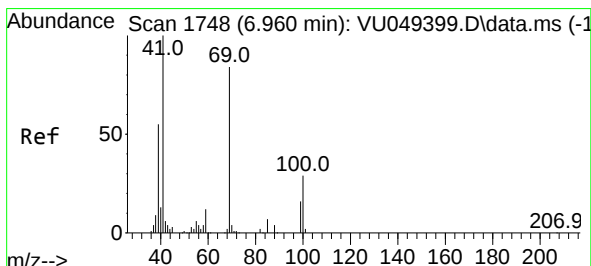
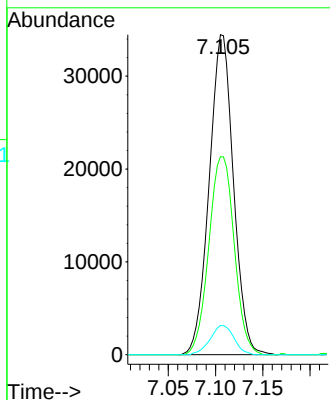
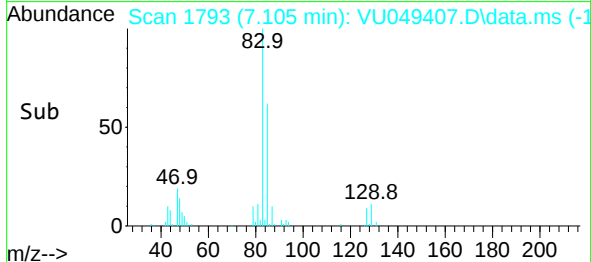
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



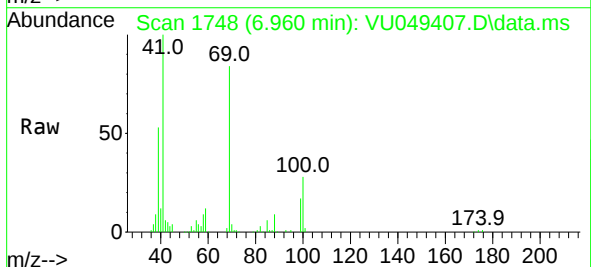
Tgt Ion: 83 Resp: 6162
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2
127 9.1 7.1 10.7

Manual Integrations
APPROVED

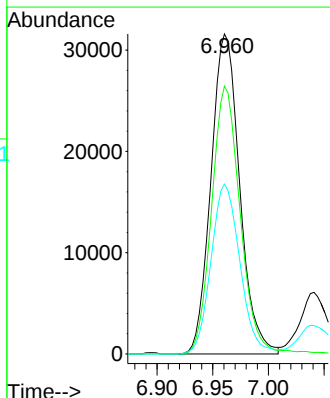
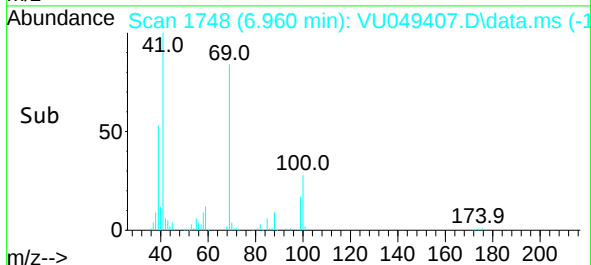
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

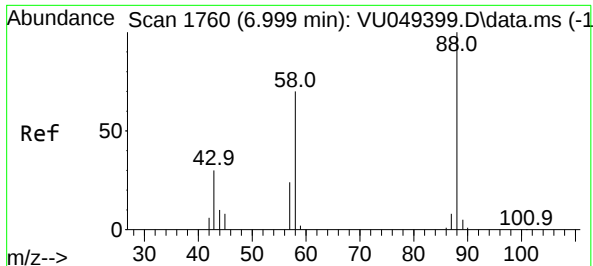


#48
Methyl methacrylate
Concen: 21.845 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion: 41 Resp: 56664
Ion Ratio Lower Upper
41 100
69 82.5 79.8 119.6
39 53.4 47.9 71.9





#49

1,4-Dioxane

Concen: 454.376 ug/l

RT: 6.986 min Scan# 1

Delta R.T. -0.061 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

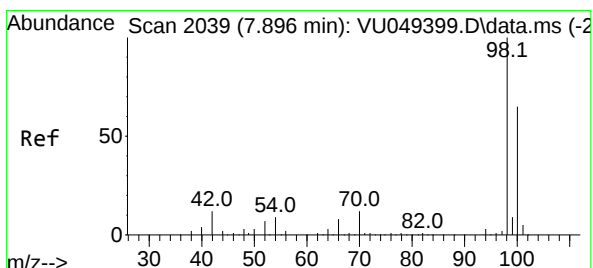
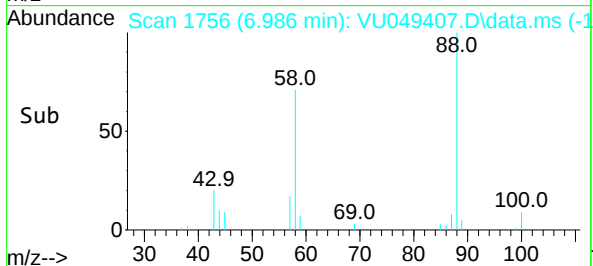
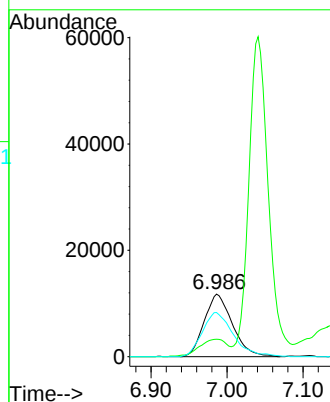
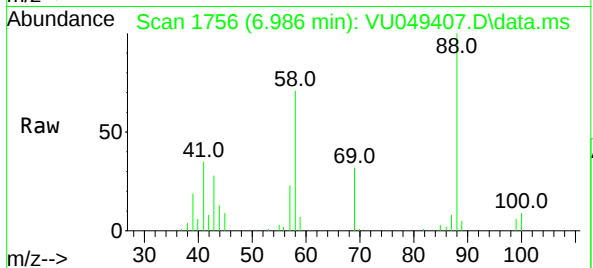
Tgt Ion: 88 Resp: 3019
 Ion Ratio Lower Upper
 88 100
 43 27.9 0.0 0.0
 58 78.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

Toluene-d8

Concen: 52.085 ug/l

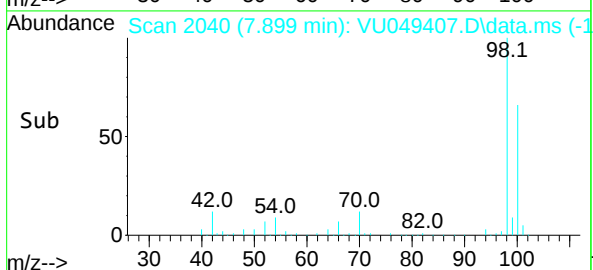
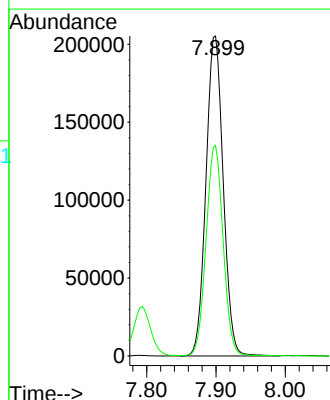
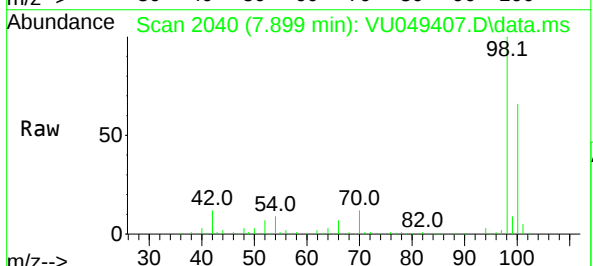
RT: 7.899 min Scan# 2040

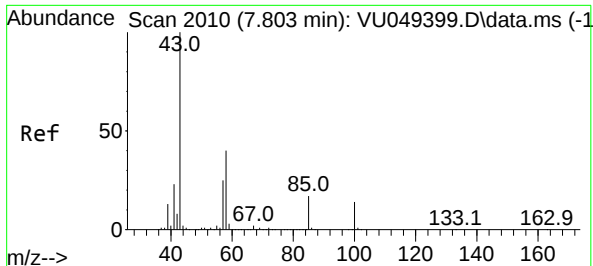
Delta R.T. -0.000 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

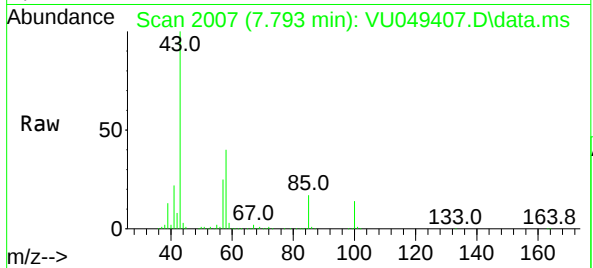
Tgt Ion: 98 Resp: 354171
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 107.735 ug/l
RT: 7.793 min Scan# 2010
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

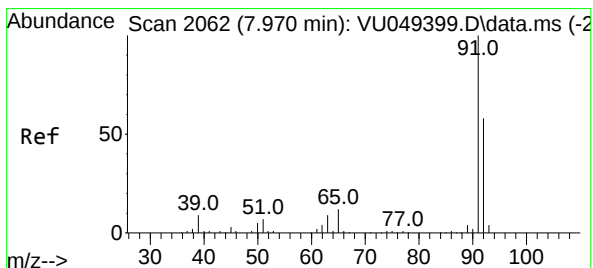
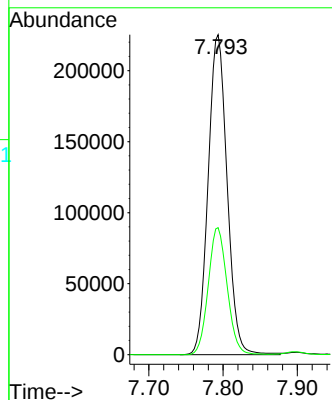
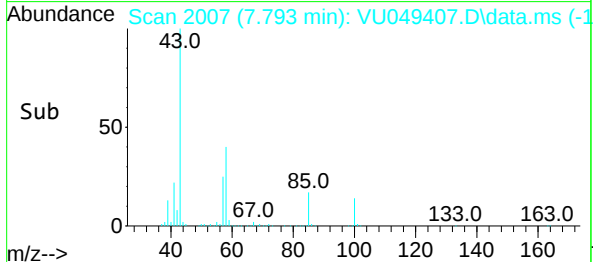
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 43 Resp: 399078
Ion Ratio Lower Upper
43 100
58 39.6 34.7 52.1

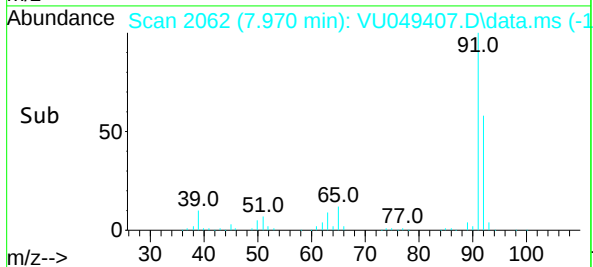
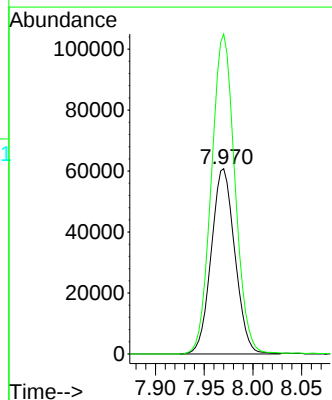
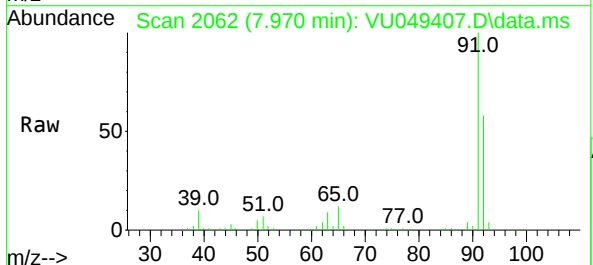
Manual Integrations
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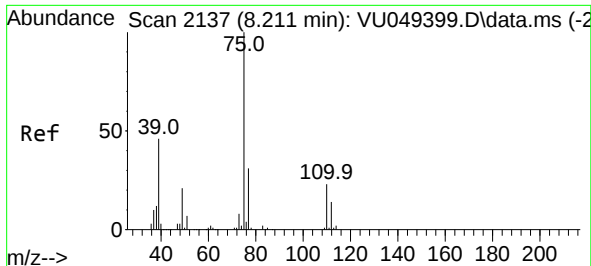
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Toluene
Concen: 20.661 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Tgt Ion: 92 Resp: 102487
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 20.374 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 75 Resp: 64850

Ion Ratio Lower Upper

75 100

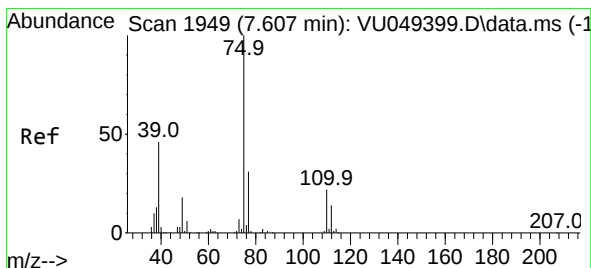
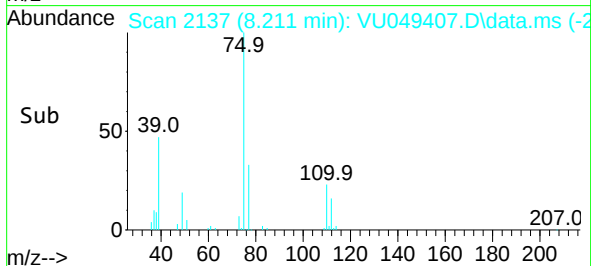
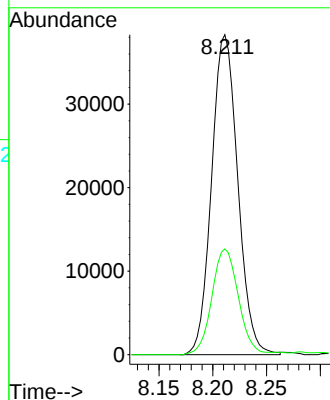
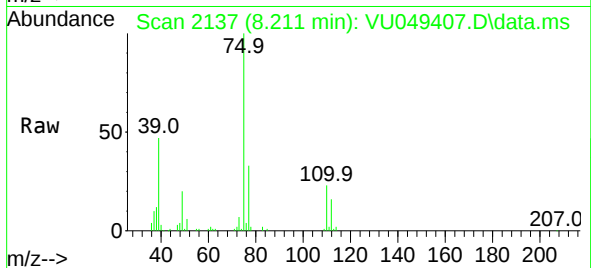
77 33.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

cis-1,3-Dichloropropene

Concen: 21.371 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

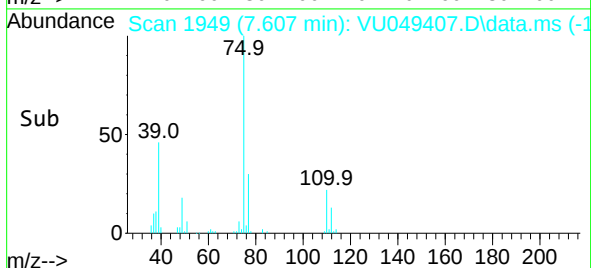
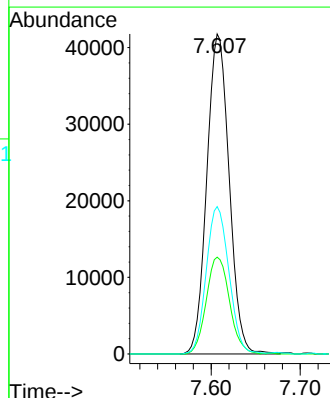
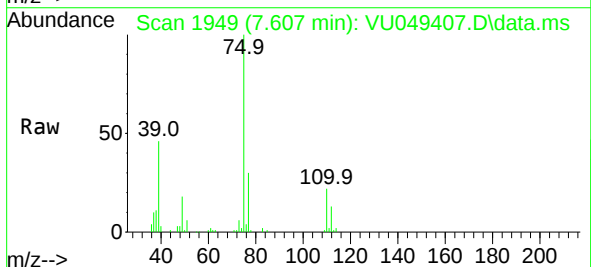
Tgt Ion: 75 Resp: 72636

Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5

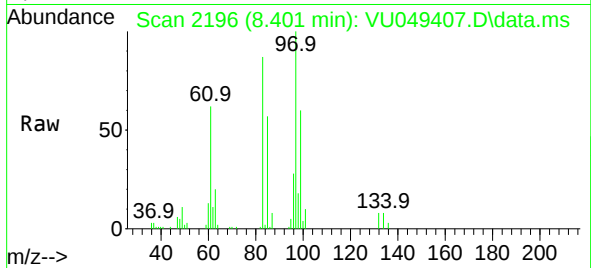
39 46.0 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 22.234 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

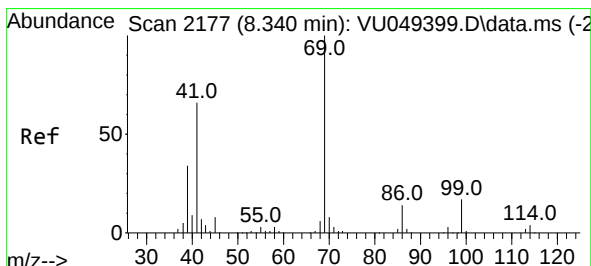
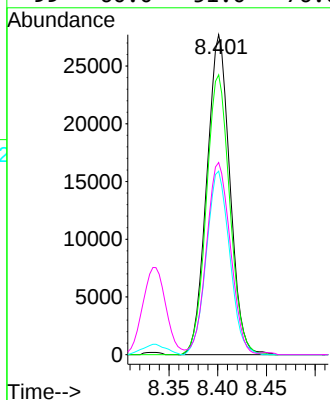
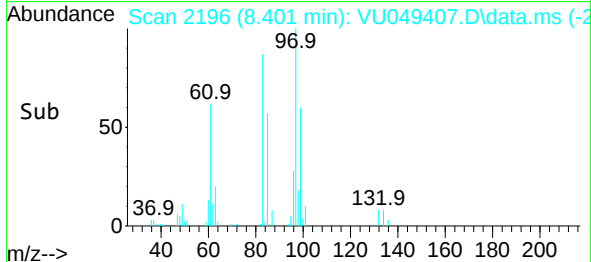
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



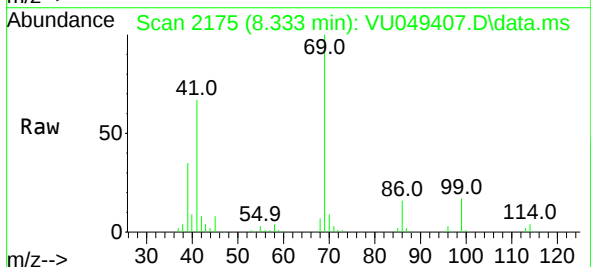
Tgt Ion: 97 Resp: 45600
Ion Ratio Lower Upper
97 100
83 87.4 70.2 105.4
85 57.3 44.6 66.8
99 60.0 51.0 76.6

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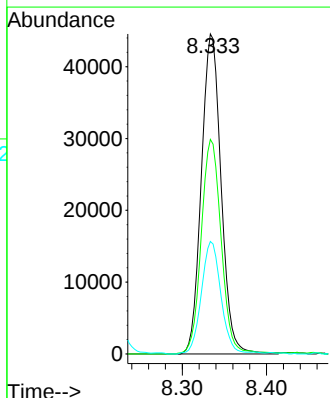
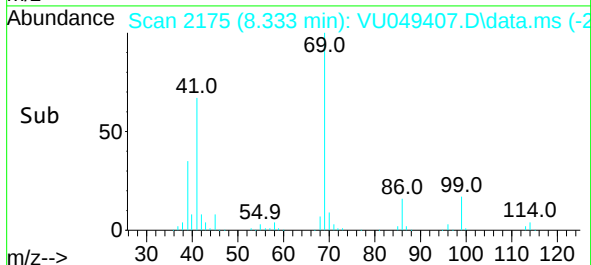
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

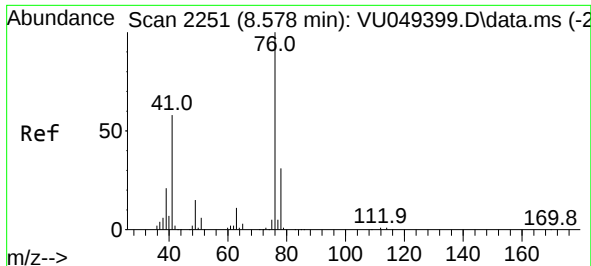


#56
Ethyl methacrylate
Concen: 21.201 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion: 69 Resp: 72726
Ion Ratio Lower Upper
69 100
41 67.4 45.4 68.0
39 34.7 25.7 38.5





#57

1,3-Dichloropropane

Concen: 21.668 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

Tgt Ion: 76 Resp: 7883

Ion Ratio Lower Upper

76 100

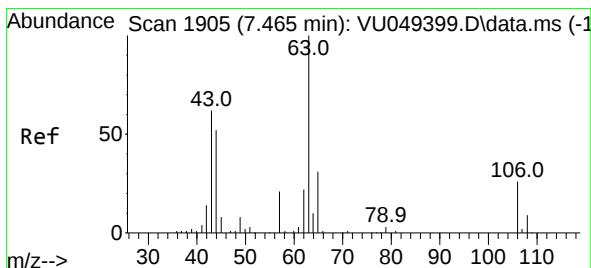
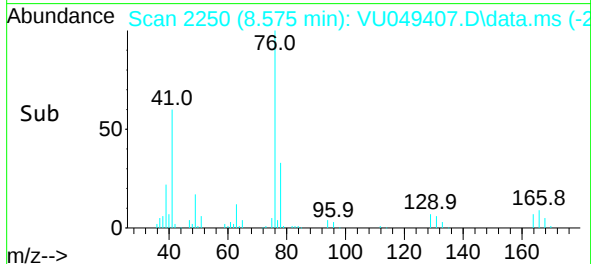
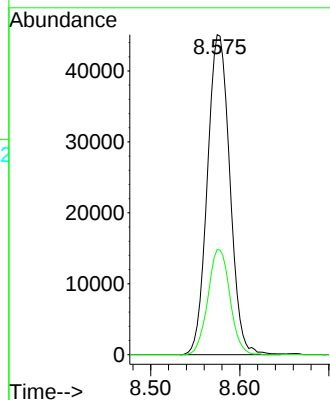
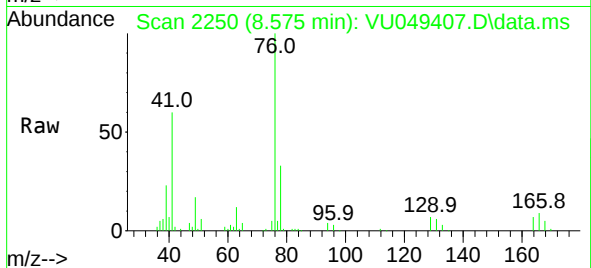
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 73.380 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU049407.D

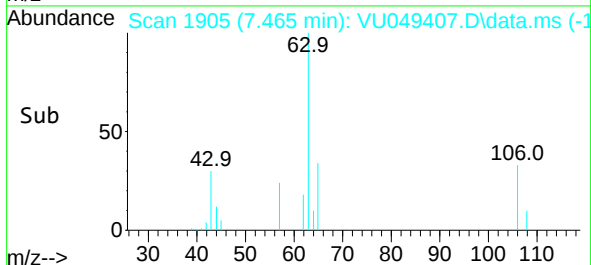
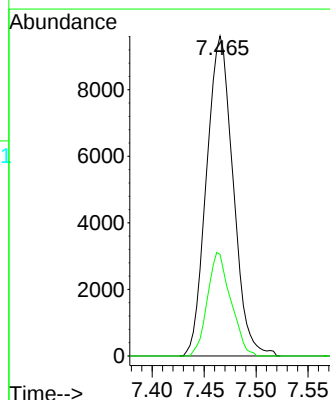
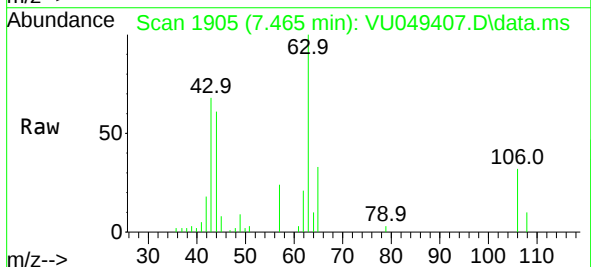
Acq: 27 Jun 2022 16:42

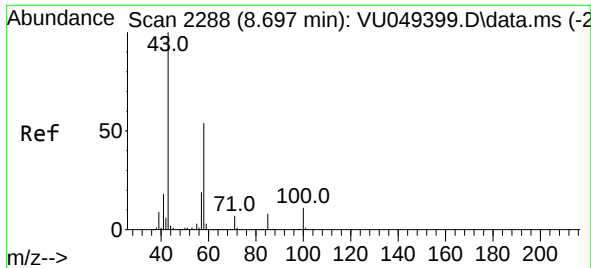
Tgt Ion: 63 Resp: 17122

Ion Ratio Lower Upper

63 100

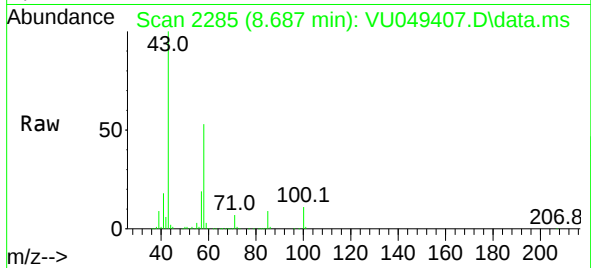
106 28.3 23.1 34.7





#59
2-Hexanone
Concen: 106.009 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

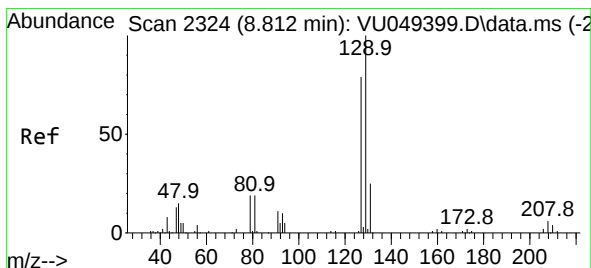
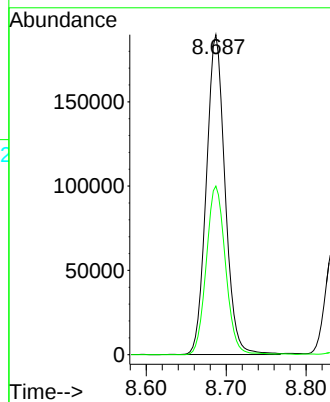
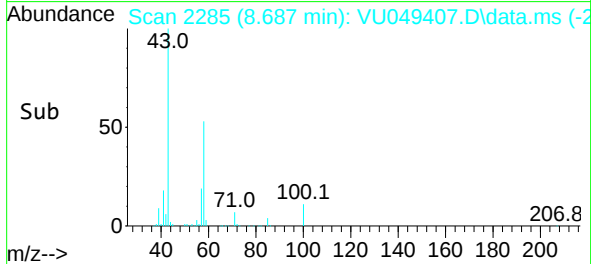
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 43 Resp: 308800
Ion Ratio Lower Upper
43 100
58 54.2 30.3 90.8

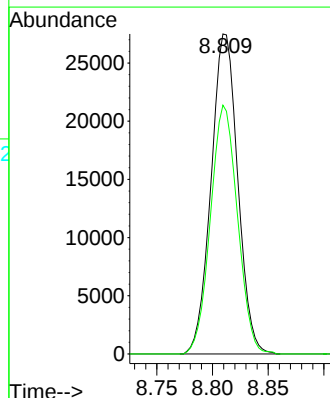
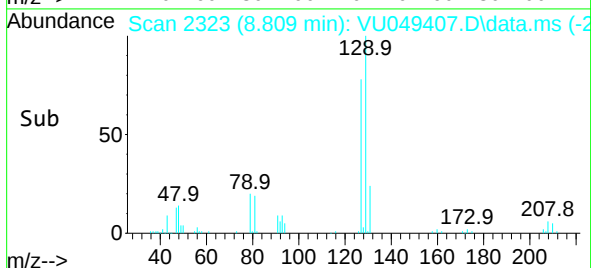
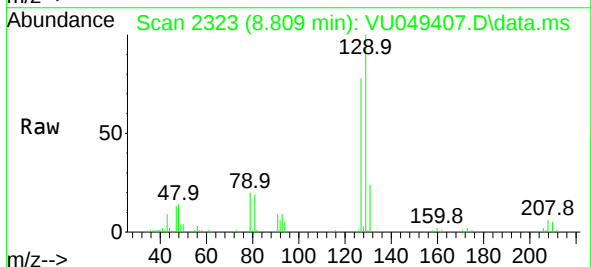
Manual Integrations
APPROVED

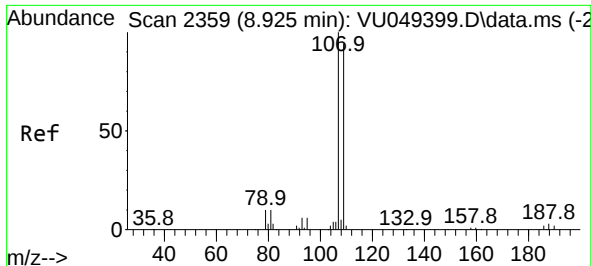
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Dibromochloromethane
Concen: 21.503 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

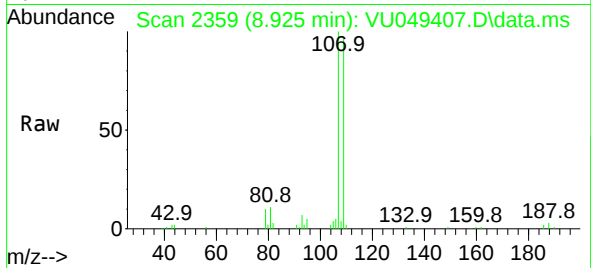
Tgt Ion:129 Resp: 45860
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.559 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

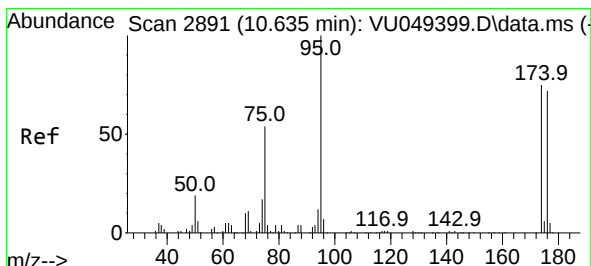
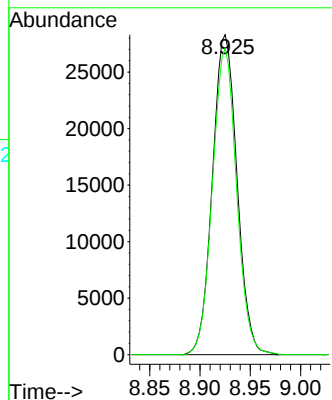
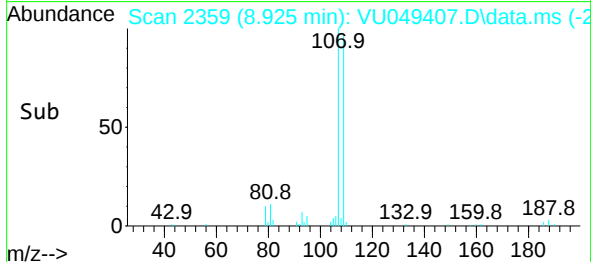
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



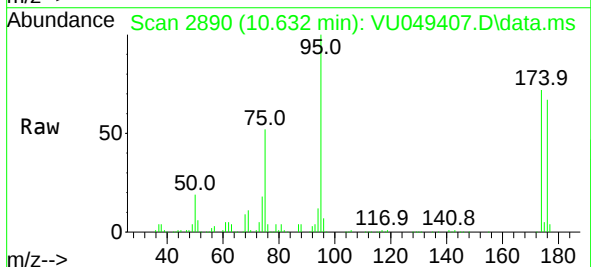
Tgt Ion:107 Resp: 4818
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7

Manual Integrations
APPROVED

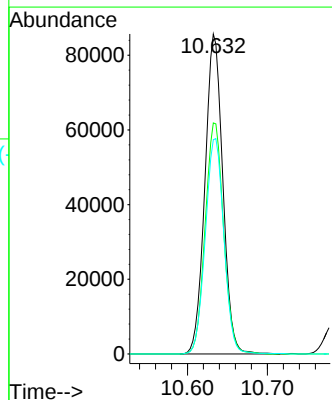
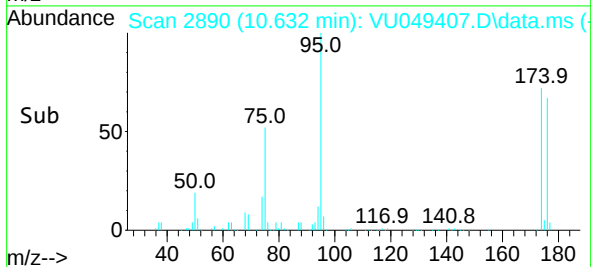
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
4-Bromofluorobenzene
Concen: 51.096 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



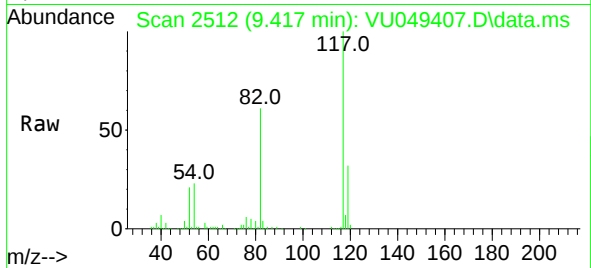
Tgt Ion: 95 Resp: 133093
Ion Ratio Lower Upper
95 100
174 74.5 0.0 182.0
176 70.0 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

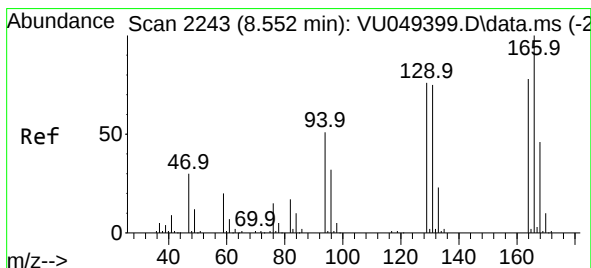
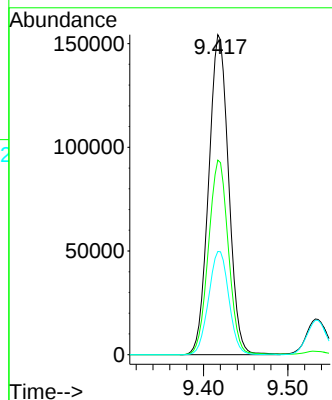
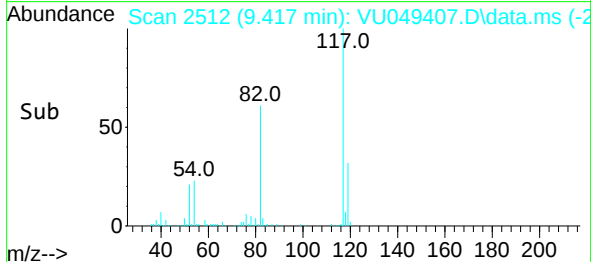
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



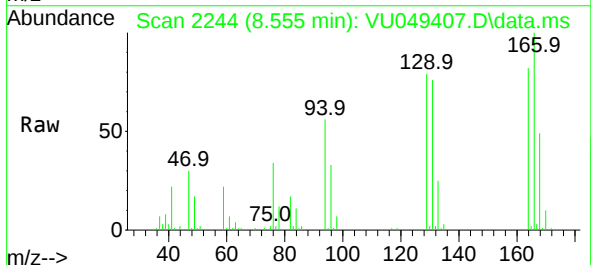
Tgt Ion:117 Resp: 25392
Ion Ratio Lower Upper
117 100
82 60.8 41.7 62.5
119 32.3 25.7 38.5

Manual Integrations
APPROVED

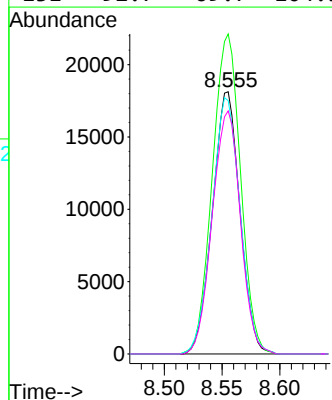
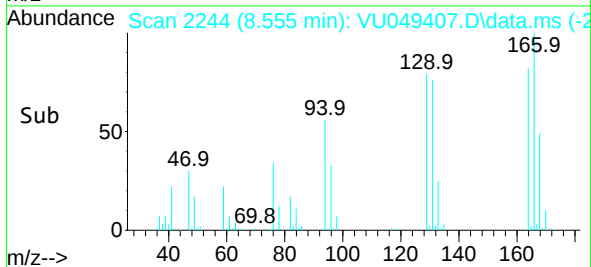
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

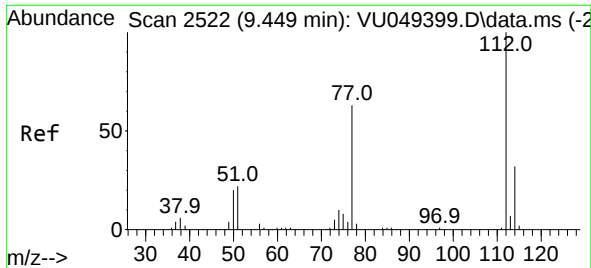


#64
Tetrachloroethene
Concen: 18.464 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion:164 Resp: 30072
Ion Ratio Lower Upper
164 100
166 122.0 100.0 150.0
129 96.6 72.0 108.0
131 92.7 69.7 104.5





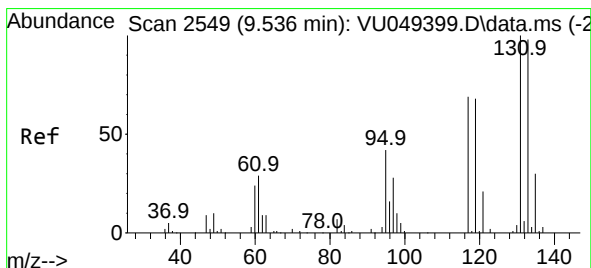
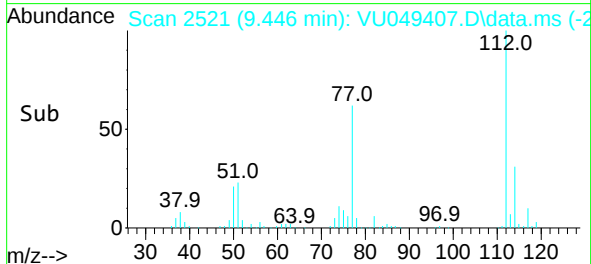
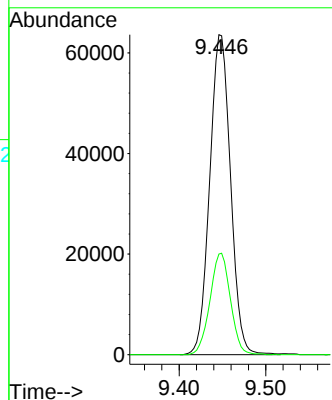
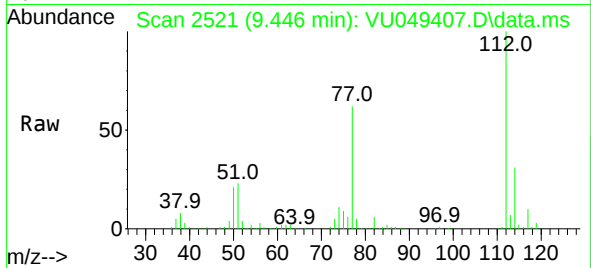
#65
Chlorobenzene
Concen: 20.424 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion:112 Resp: 10602
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3

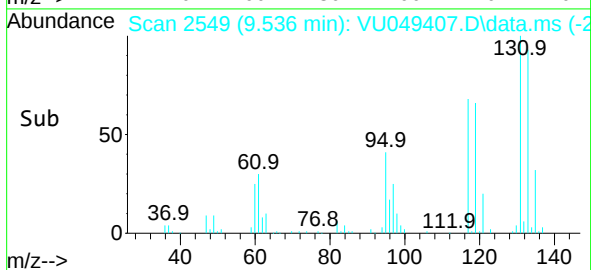
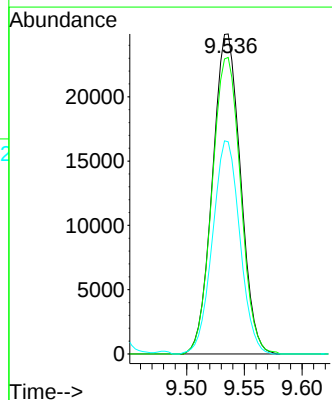
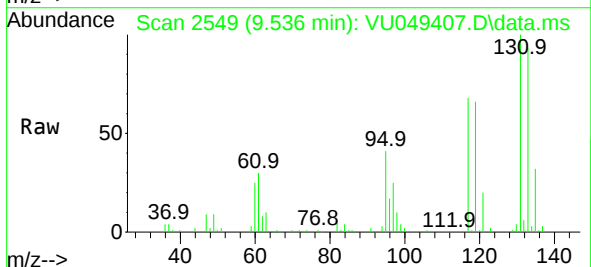
Manual Integrations
APPROVED

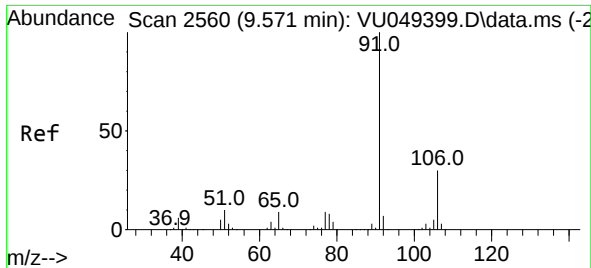
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.378 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Tgt Ion:131 Resp: 41865
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 65.2 33.9 101.6





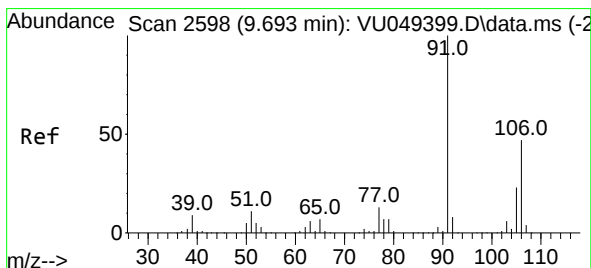
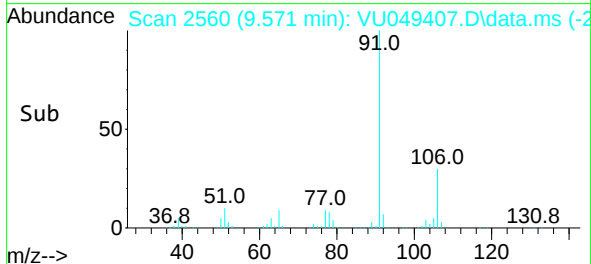
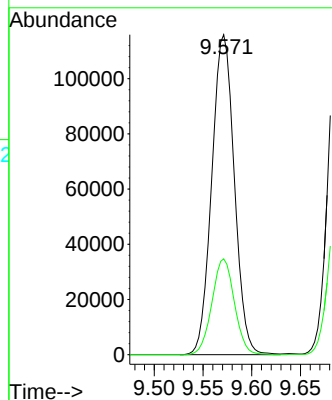
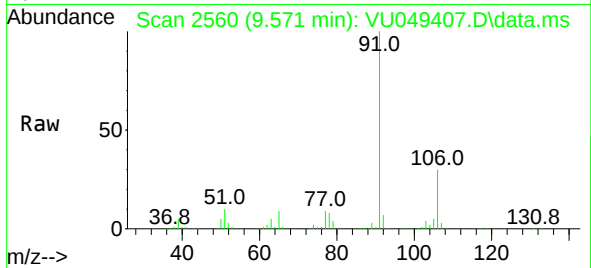
#67
Ethyl Benzene
Concen: 19.589 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion: 91 Resp: 18668
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

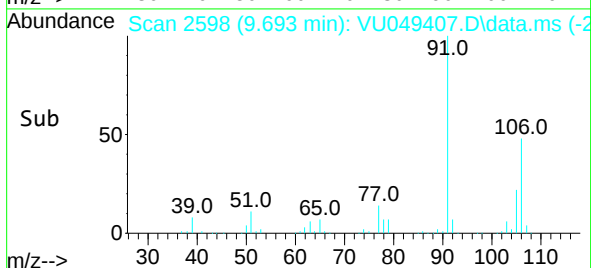
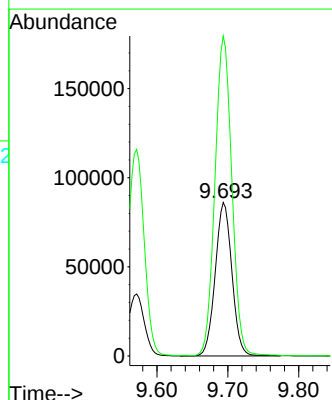
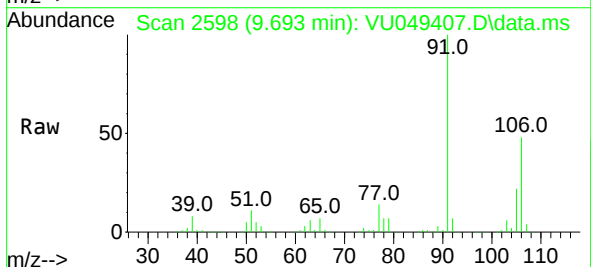
Manual Integrations
APPROVED

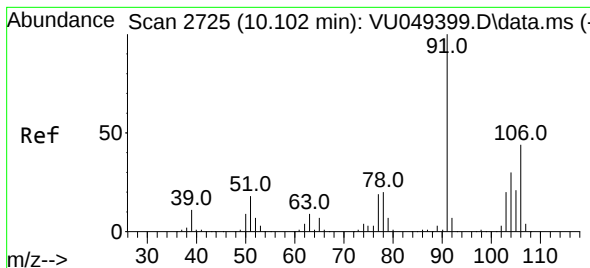
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
m/p-Xylenes
Concen: 39.934 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Tgt Ion:106 Resp: 140814
Ion Ratio Lower Upper
106 100
91 210.3 157.2 235.8





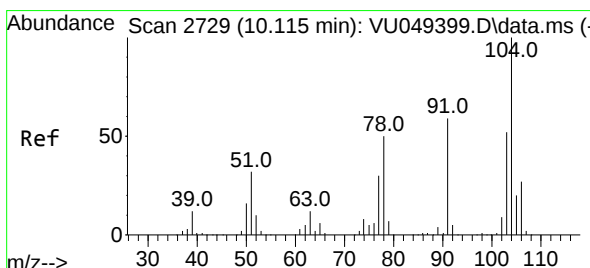
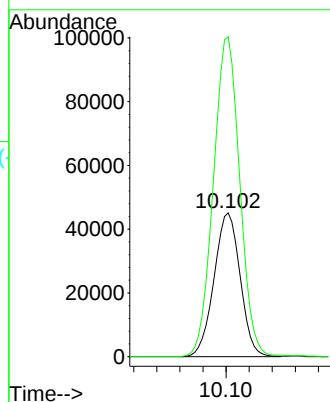
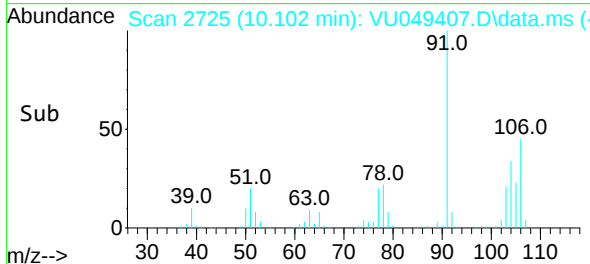
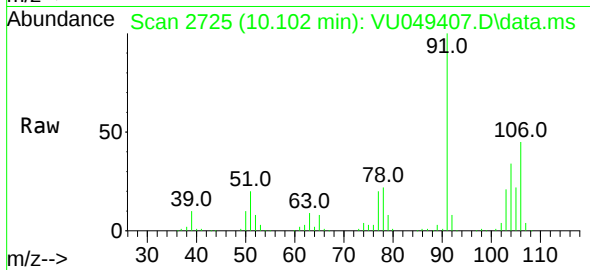
#69
o-Xylene
Concen: 20.254 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion:106 Resp: 7090
Ion Ratio Lower Upper
106 100
91 225.4 103.5 310.5

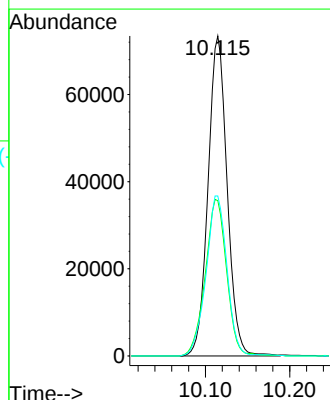
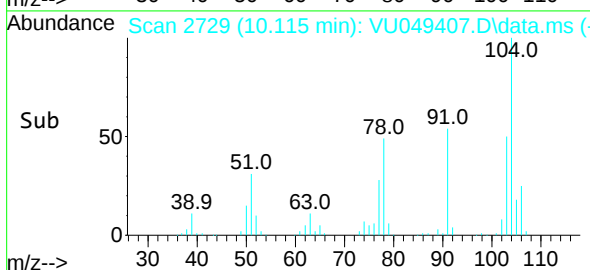
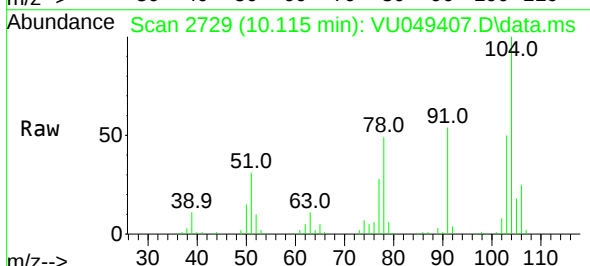
Manual Integrations
APPROVED

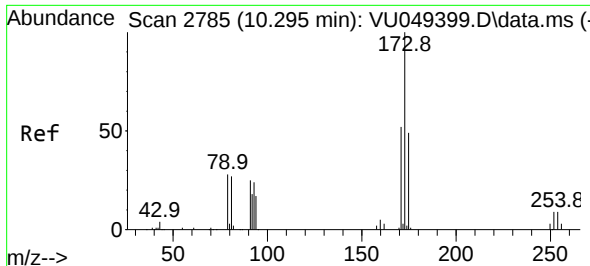
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Styrene
Concen: 20.601 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

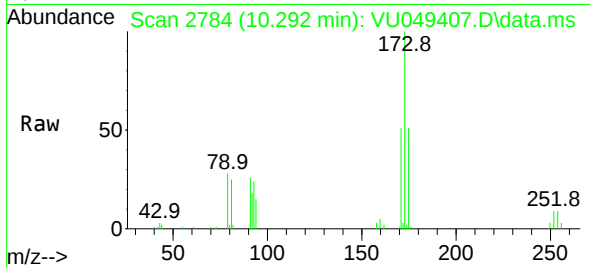
Tgt Ion:104 Resp: 115873
Ion Ratio Lower Upper
104 100
78 54.7 38.0 57.0
103 55.0 43.9 65.9





#71
Bromoform
Concen: 20.427 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

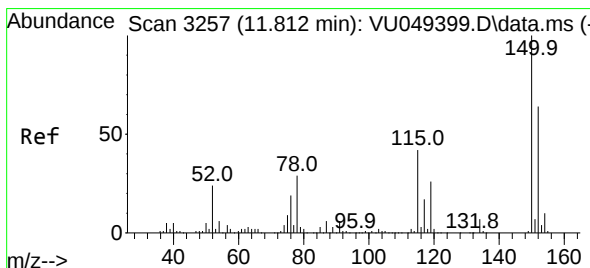
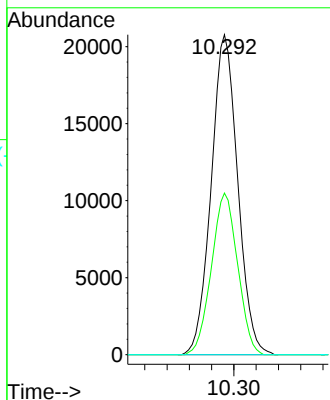
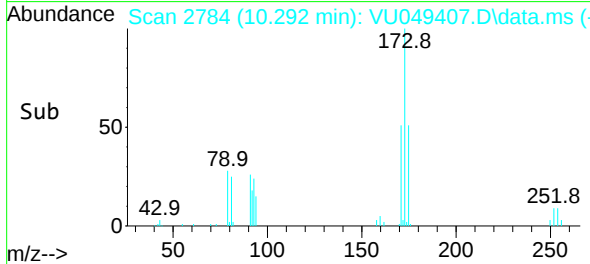
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion:173 Resp: 34309
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.2
254 0.0 0.1 0.1

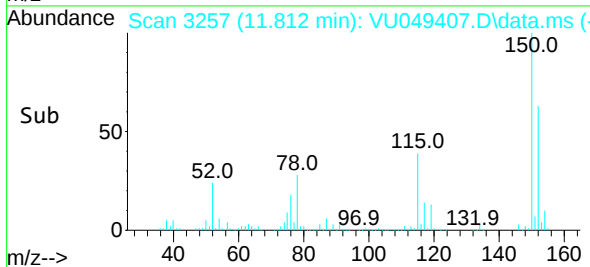
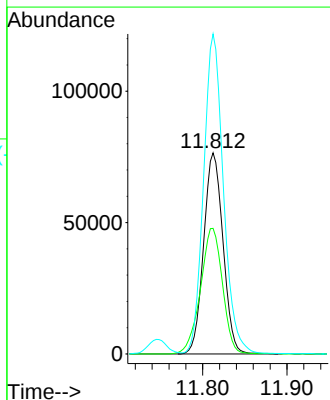
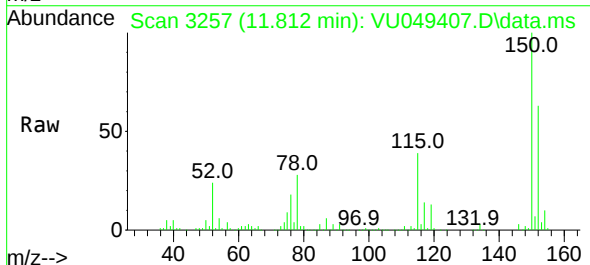
Manual Integrations
APPROVED

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: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

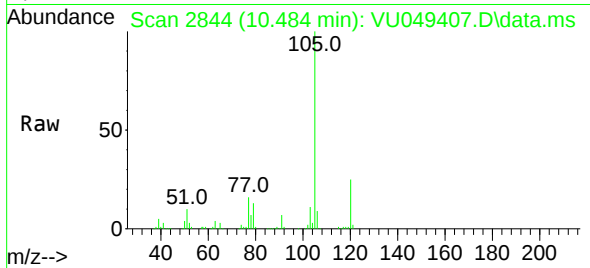
Tgt Ion:152 Resp: 122492
Ion Ratio Lower Upper
152 100
115 70.8 37.0 110.9
150 162.9 0.0 342.2





#73
Isopropylbenzene
Concen: 19.864 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

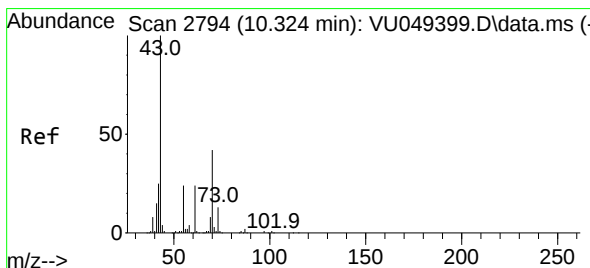
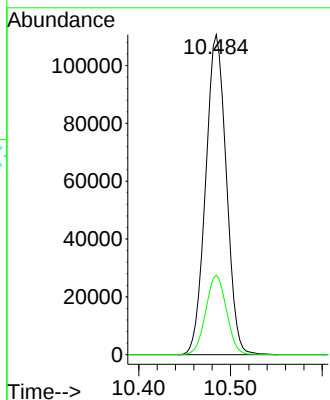
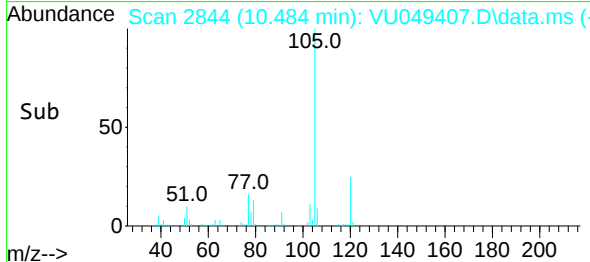
Instrument : MSVOA_U
ClientSampleId : VU0627MBS01



Tgt Ion:105 Resp: 173320
Ion Ratio Lower Upper
105 100
120 25.0 13.8 41.4

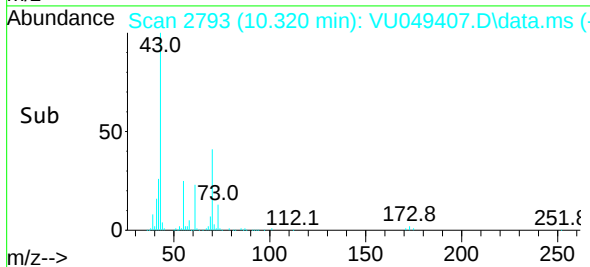
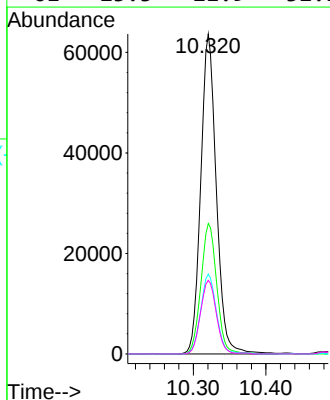
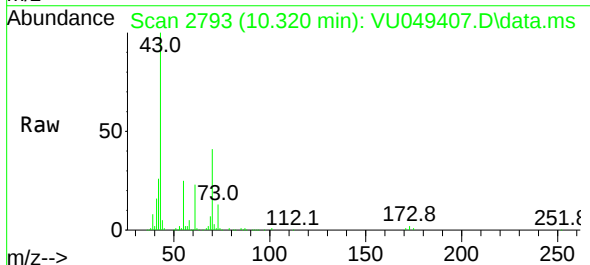
Manual Integrations
APPROVED

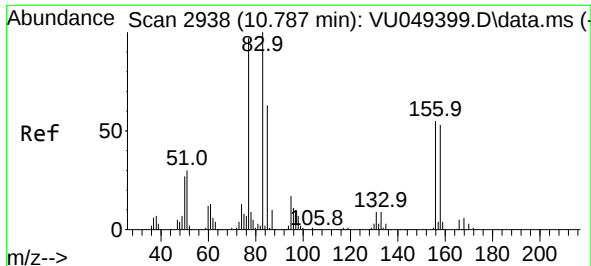
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#74
N-ethyl acetate
Concen: 20.572 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

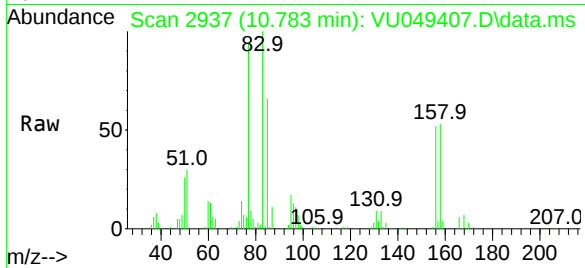
Tgt Ion: 43 Resp: 95008
Ion Ratio Lower Upper
43 100
70 41.4 38.7 58.1
55 25.3 21.8 32.8
61 23.3 21.9 32.9





#75
1,1,2,2-Tetrachloroethane
Concen: 21.620 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

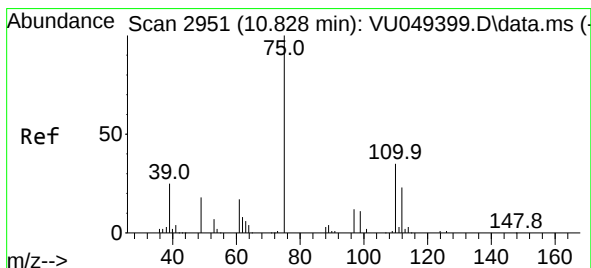
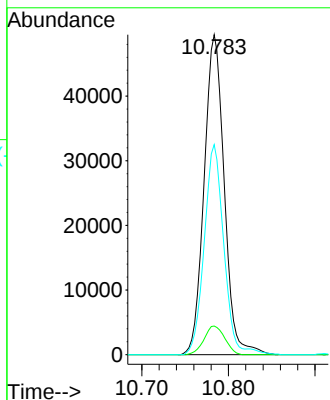
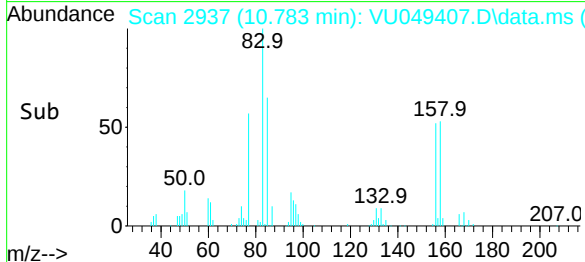
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



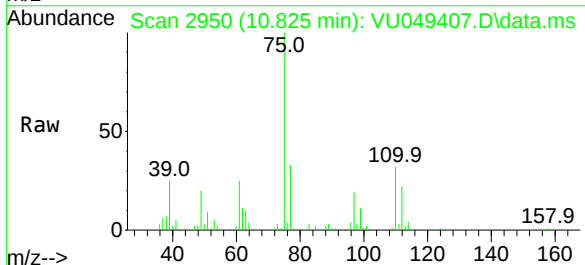
Tgt Ion: 83 Resp: 7991
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.4
85 64.0 32.2 96.6

Manual Integrations
APPROVED

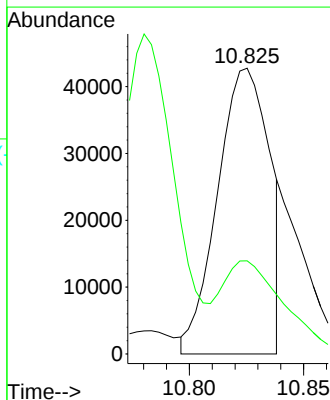
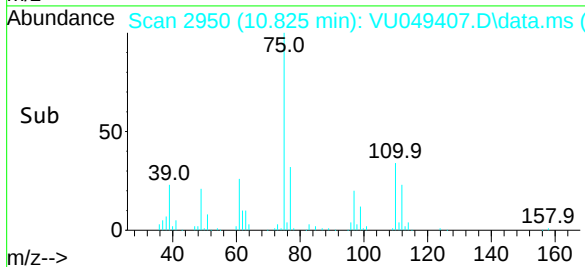
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

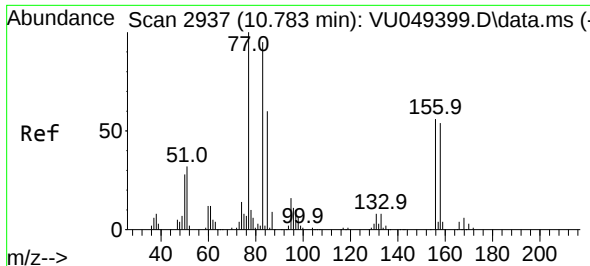


#76
1,2,3-Trichloropropane
Concen: 16.269 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



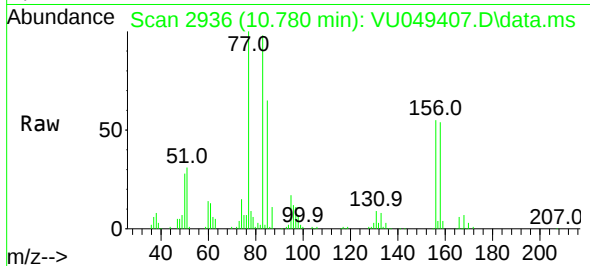
Tgt Ion: 75 Resp: 67556
Ion Ratio Lower Upper
75 100
77 39.2 15.8 47.3





#77
Bromobenzene
Concen: 20.674 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

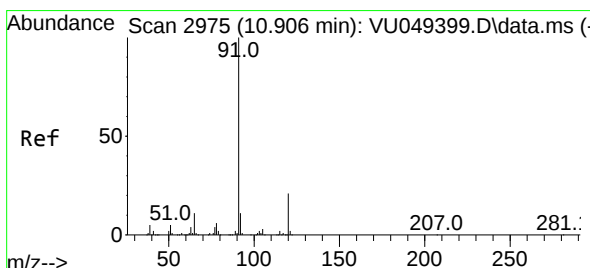
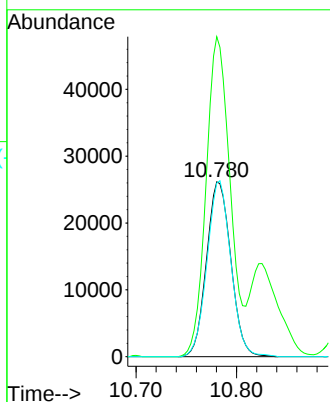
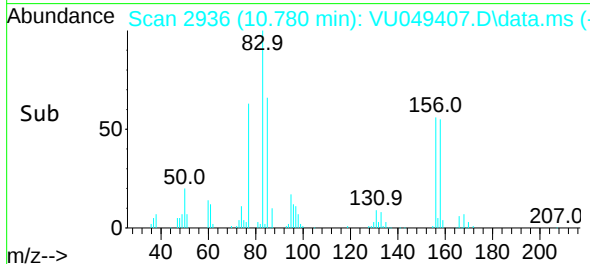
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



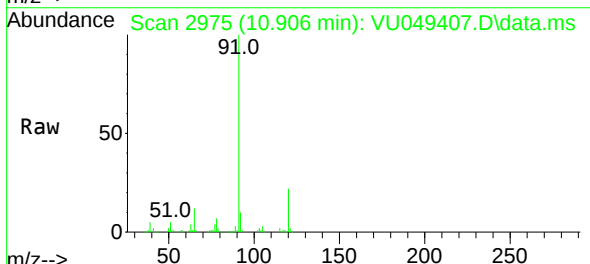
Tgt Ion:156 Resp: 44034
Ion Ratio Lower Upper
156 100
77 181.3 71.9 215.6
158 98.5 48.9 146.8

Manual Integrations
APPROVED

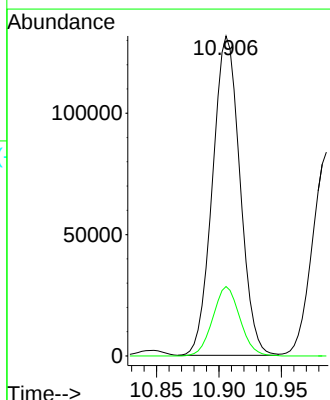
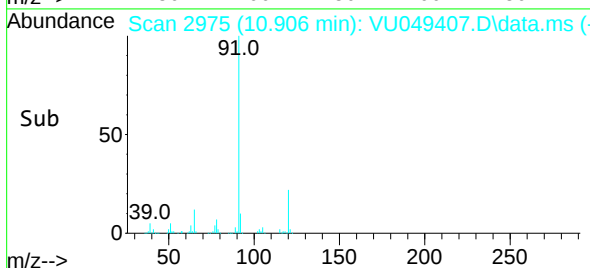
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

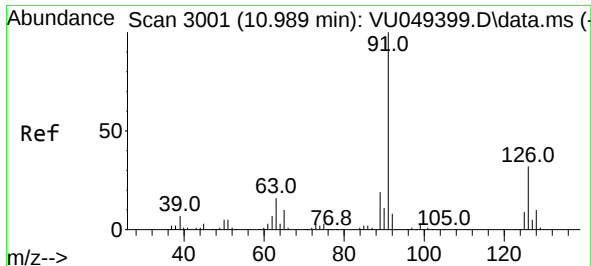


#78
n-propylbenzene
Concen: 19.000 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion: 91 Resp: 201460
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





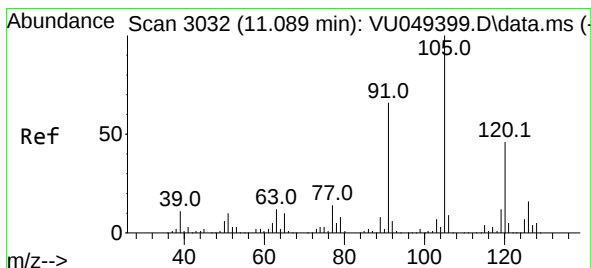
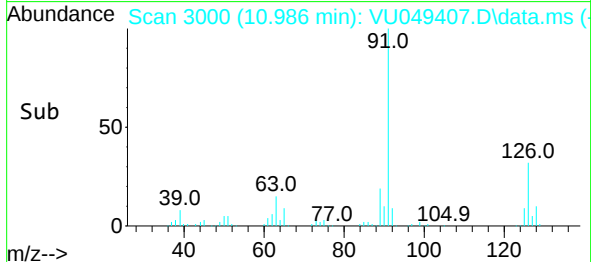
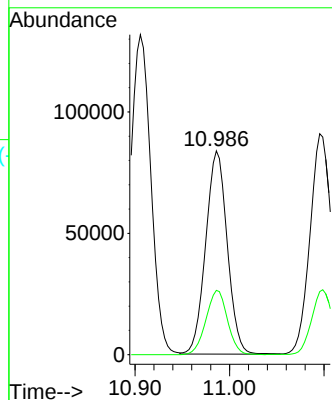
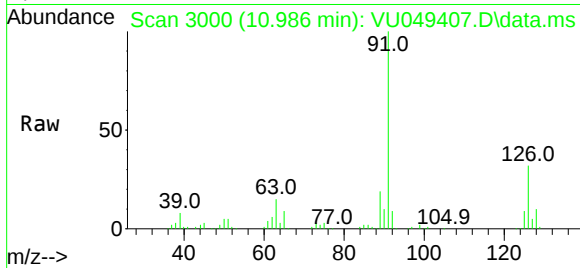
#79
2-Chlorotoluene
Concen: 20.315 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion: 91 Resp: 132709
Ion Ratio Lower Upper
91 100
126 31.5 18.4 55.0

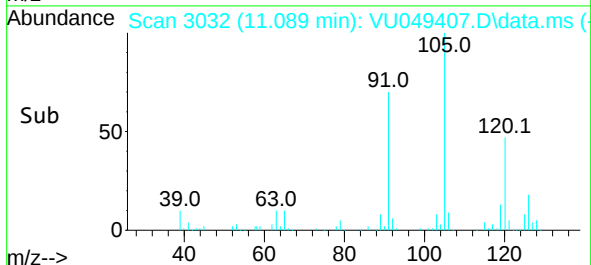
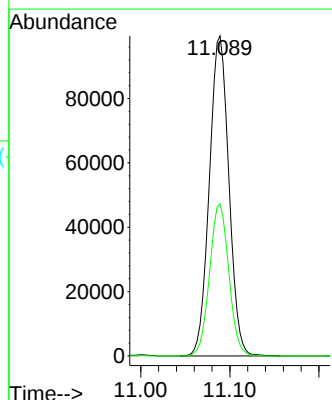
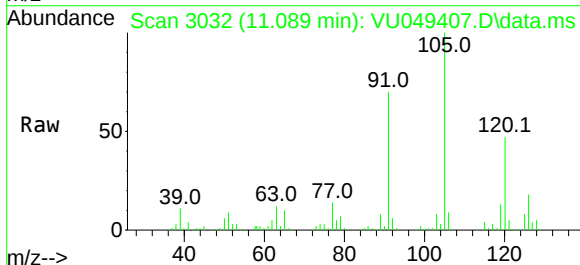
Manual Integrations
APPROVED

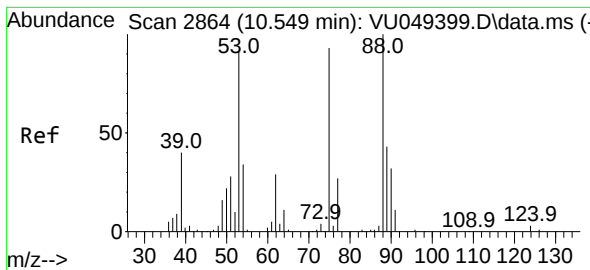
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.841 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

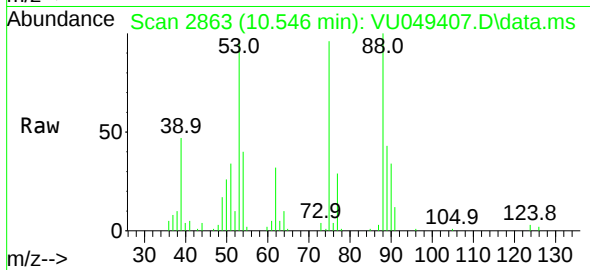
Tgt Ion:105 Resp: 151147
Ion Ratio Lower Upper
105 100
120 46.8 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 19.368 ug/l
RT: 10.546 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

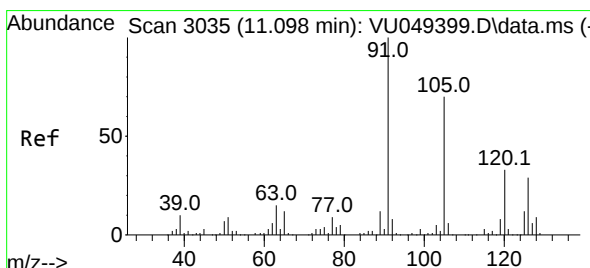
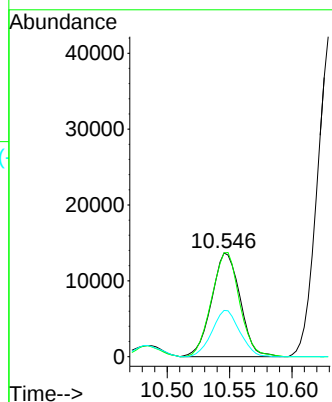
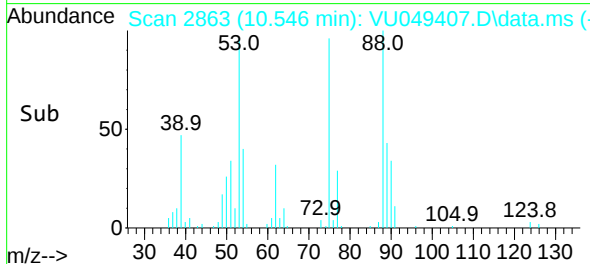
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



Tgt Ion: 75 Resp: 21778
Ion Ratio Lower Upper
75 100
53 98.5 69.2 103.8
89 43.4 37.0 55.6

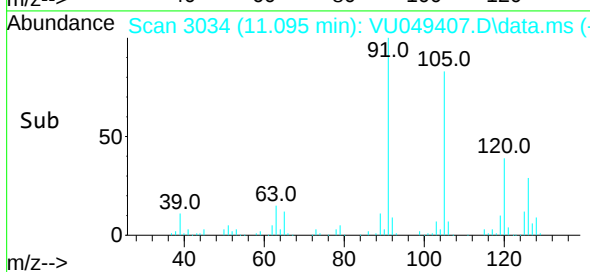
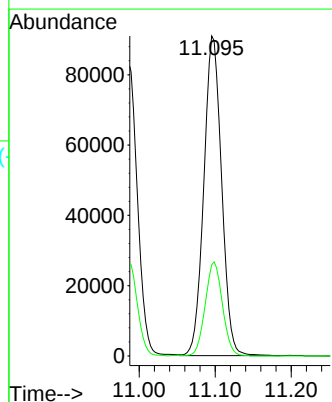
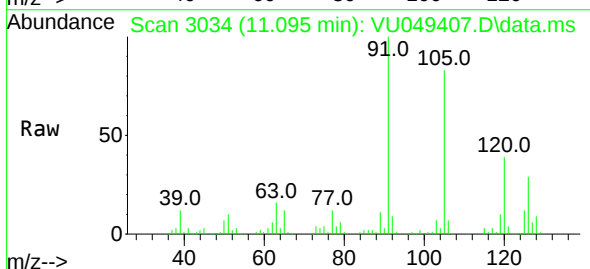
Manual Integrations
APPROVED

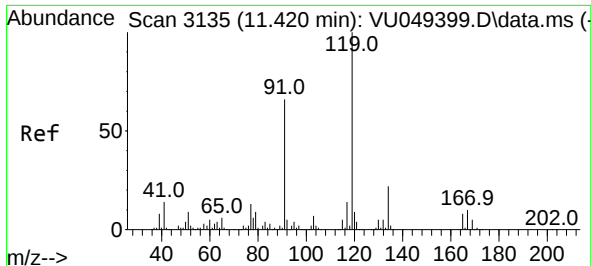
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#82
4-Chlorotoluene
Concen: 20.095 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

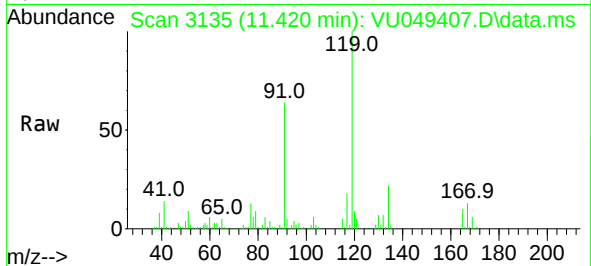
Tgt Ion: 91 Resp: 147637
Ion Ratio Lower Upper
91 100
126 28.7 16.1 48.2





#83
tert-Butylbenzene
Concen: 19.595 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

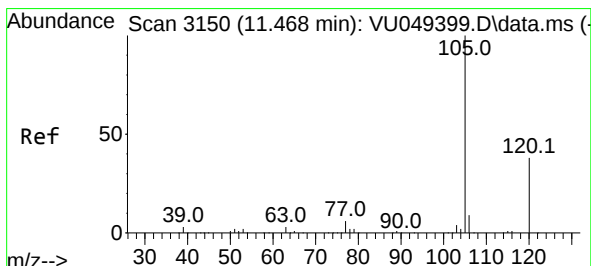
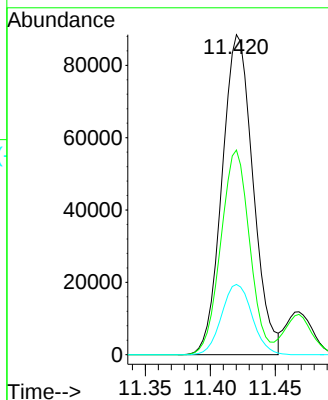
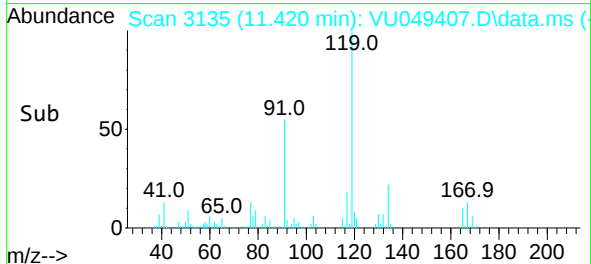
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



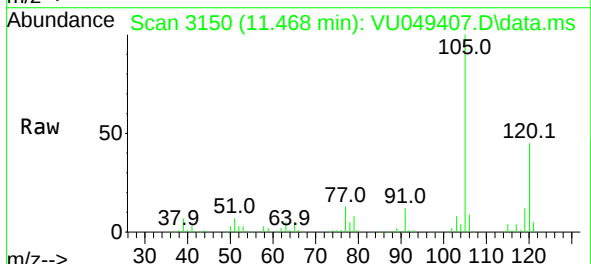
Tgt Ion:119 Resp: 146817
Ion Ratio Lower Upper
119 100
91 59.8 26.8 80.3
134 21.6 11.5 34.5

Manual Integrations
APPROVED

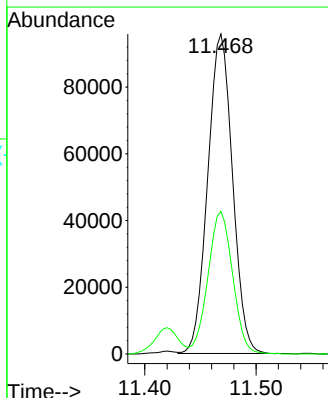
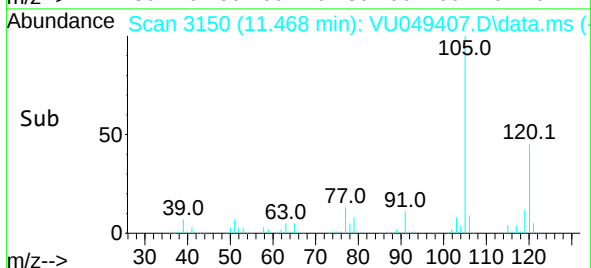
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

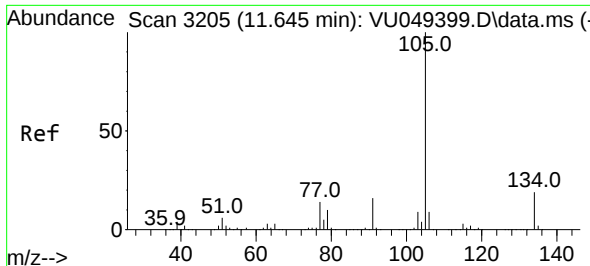


#84
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



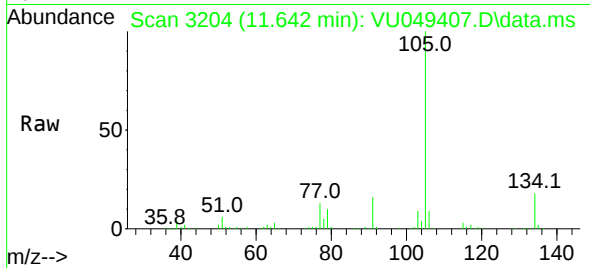
Tgt Ion:105 Resp: 148117
Ion Ratio Lower Upper
105 100
120 44.4 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 18.375 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049407.D
 Acq: 27 Jun 2022 16:42

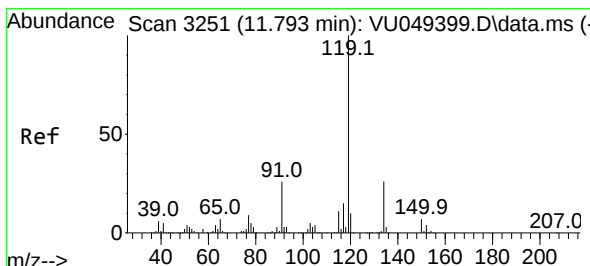
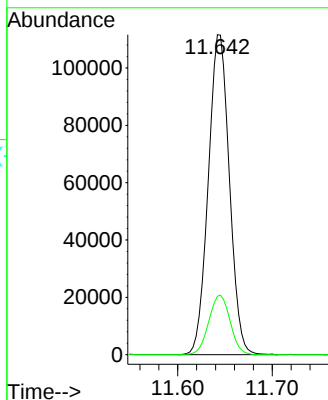
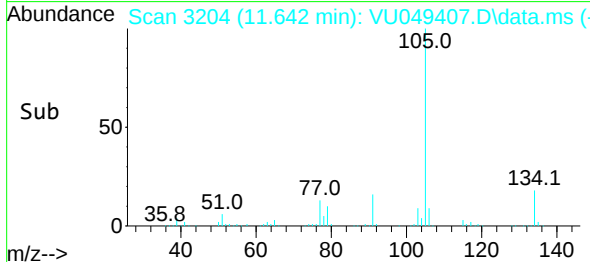
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01



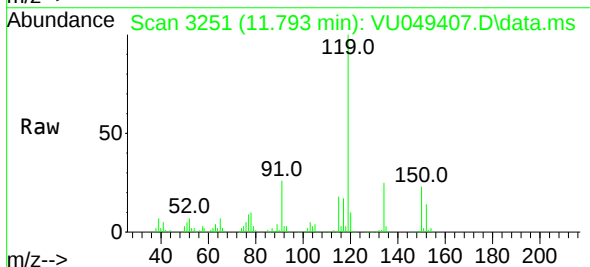
Tgt Ion:105 Resp: 17310
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

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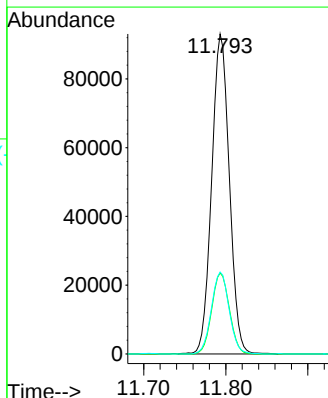
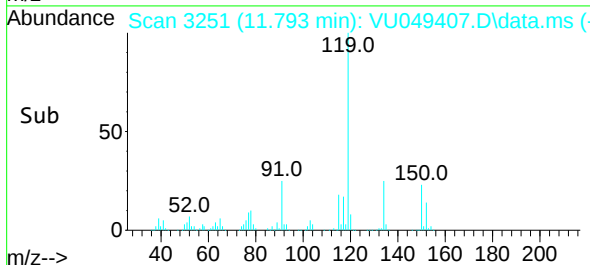
Reviewed By :John Carlone 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

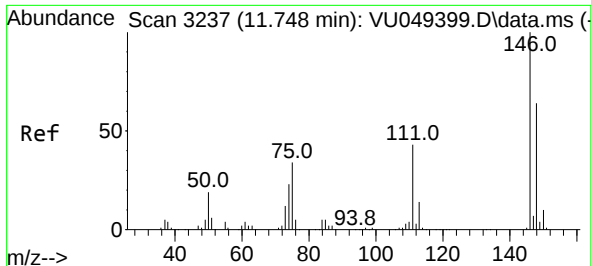


#86
 p-Isopropyltoluene
 Concen: 18.294 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU049407.D
 Acq: 27 Jun 2022 16:42



Tgt Ion:119 Resp: 139365
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.4
 91 25.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.628 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS01

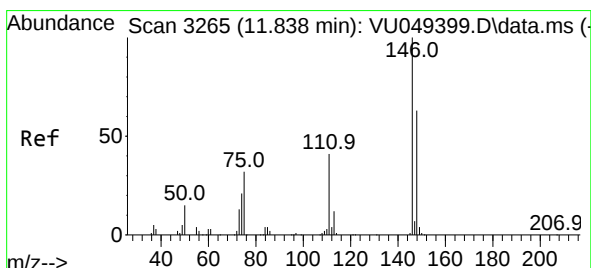
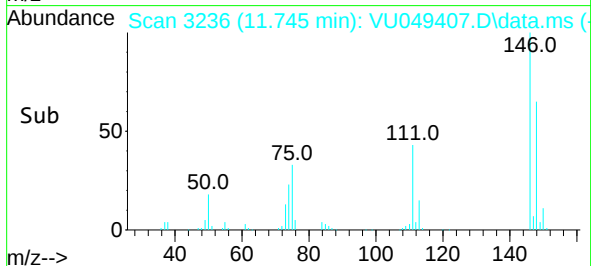
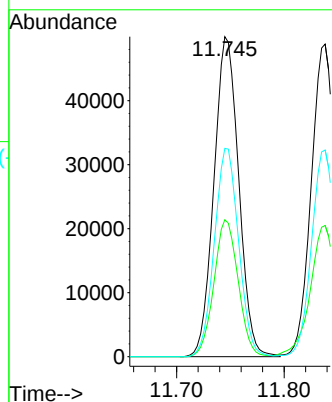
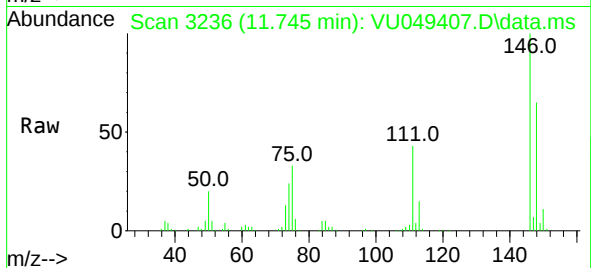
Tgt Ion:146	Resp:	79929
Ion Ratio	Lower	Upper
146	100	
111	41.9	18.9 56.5
148	63.9	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,4-Dichlorobenzene

Concen: 19.358 ug/l

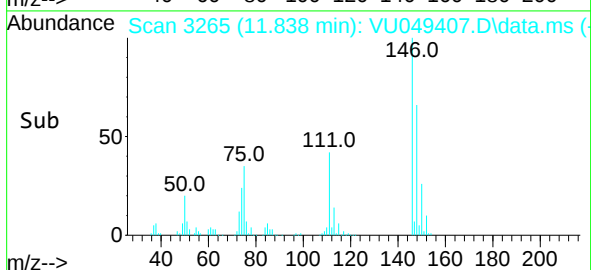
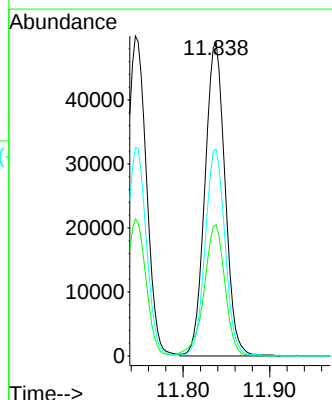
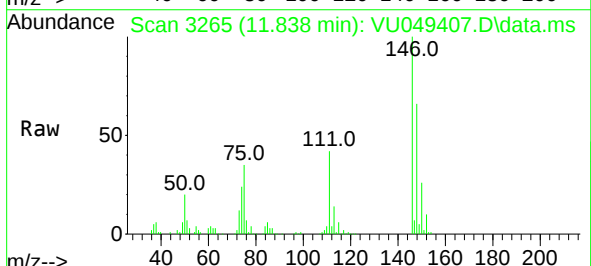
RT: 11.838 min Scan# 3265

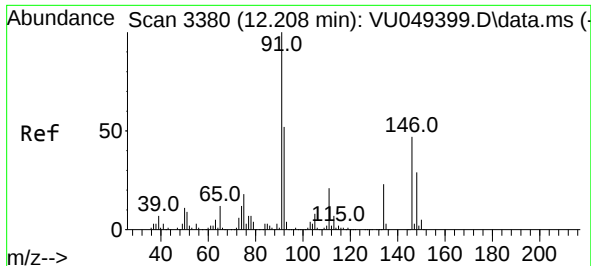
Delta R.T. -0.000 min

Lab File: VU049407.D

Acq: 27 Jun 2022 16:42

Tgt Ion:146	Resp:	79230
Ion Ratio	Lower	Upper
146	100	
111	43.3	18.5 55.5
148	64.0	31.9 95.7





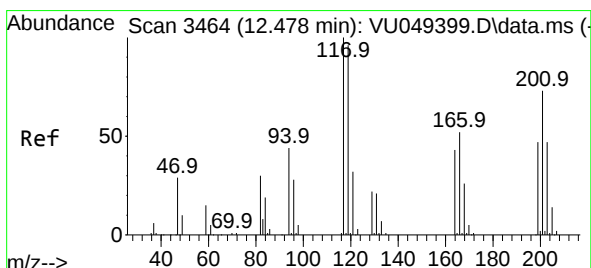
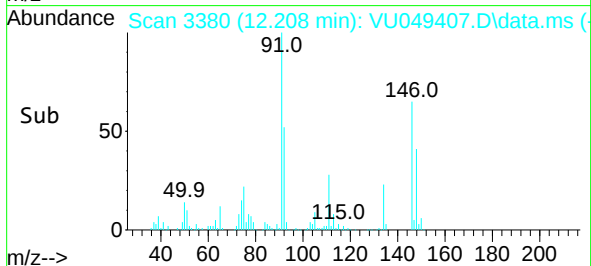
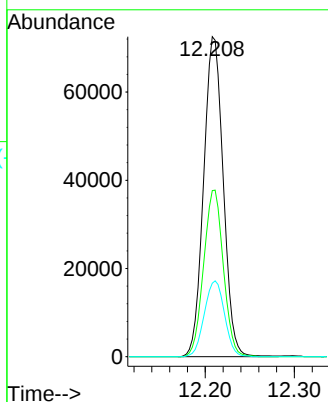
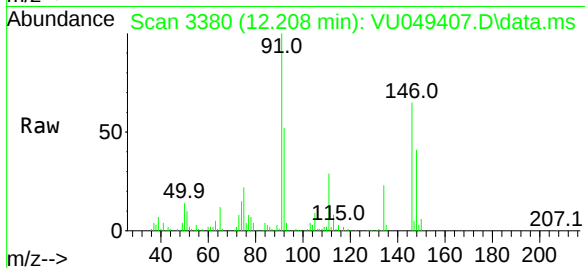
#89
n-Butylbenzene
Concen: 15.707 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

Tgt Ion: 91 Resp: 11076
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 24.4 13.5 40.4

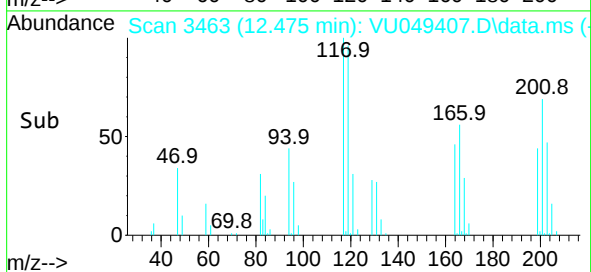
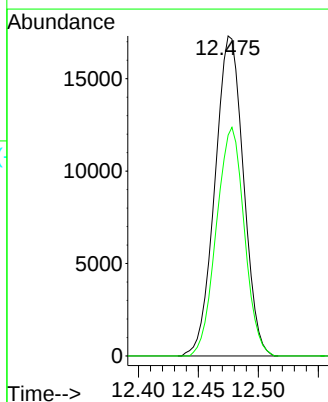
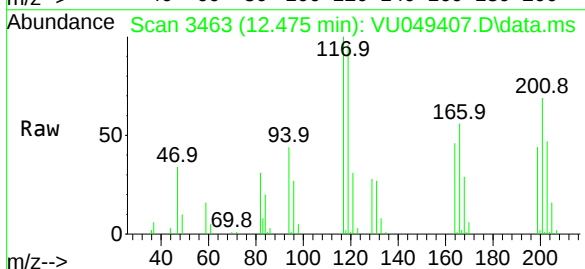
Manual Integrations
APPROVED

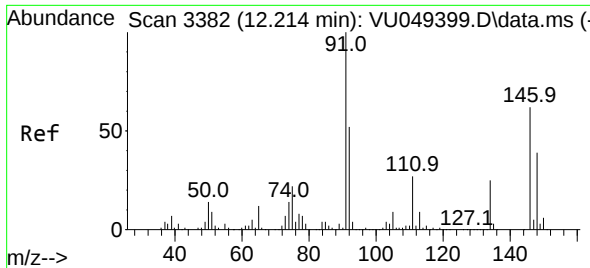
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#90
Hexachloroethane
Concen: 18.859 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

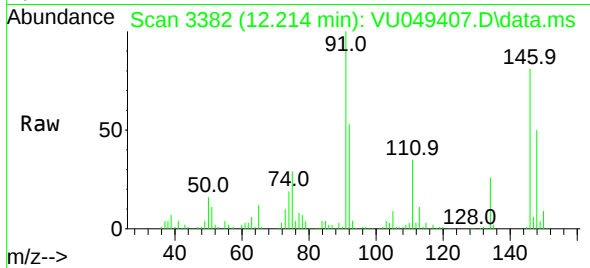
Tgt Ion:117 Resp: 28616
Ion Ratio Lower Upper
117 100
201 70.0 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 20.508 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

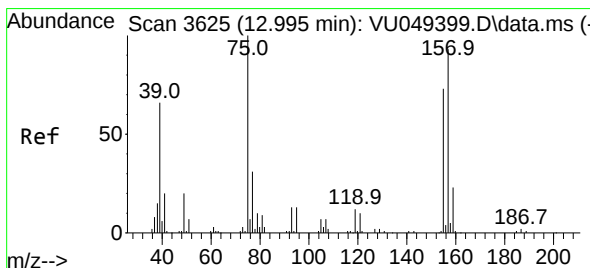
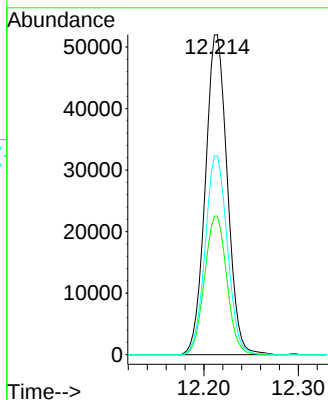
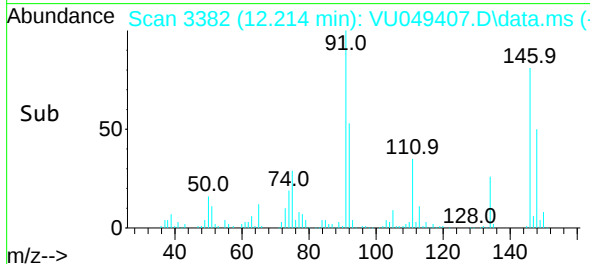
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



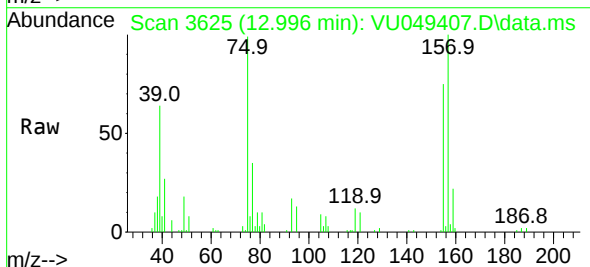
Tgt Ion:146 Resp: 8390
Ion Ratio Lower Upper
146 100
111 43.8 19.9 59.6
148 62.9 32.1 96.5

Manual Integrations
APPROVED

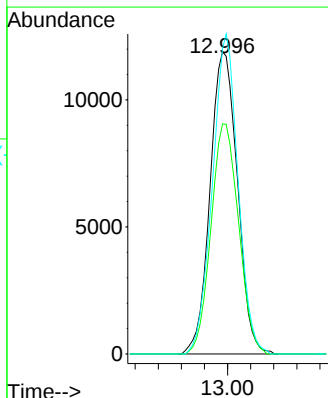
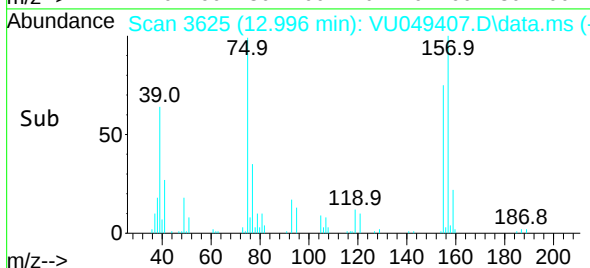
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

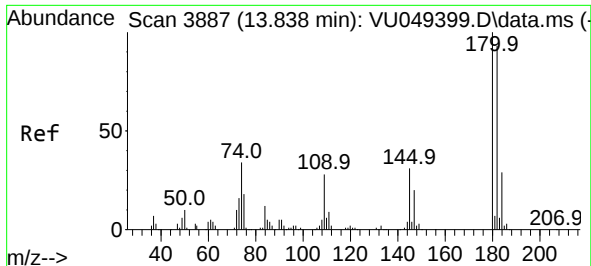


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.631 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



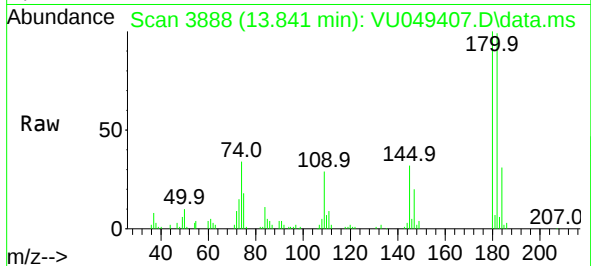
Tgt Ion: 75 Resp: 19554
Ion Ratio Lower Upper
75 100
155 76.8 47.8 143.4
157 99.0 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 18.599 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

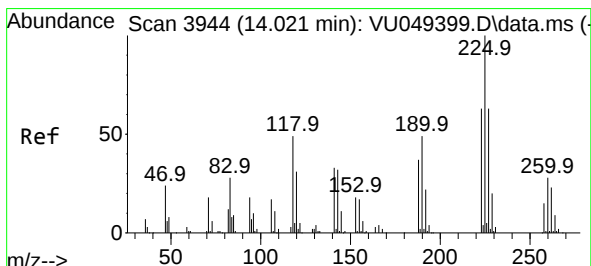
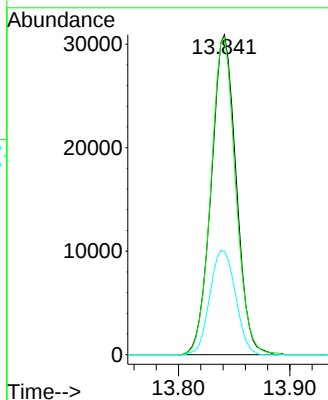
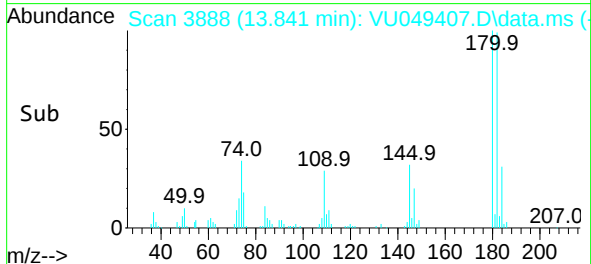
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



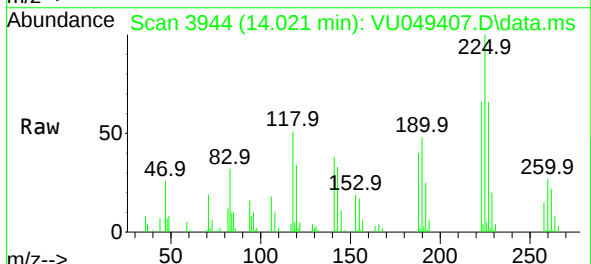
Tgt Ion:180 Resp: 47935
Ion Ratio Lower Upper
180 100
182 98.4 47.9 143.6
145 33.6 14.0 41.9

Manual Integrations
APPROVED

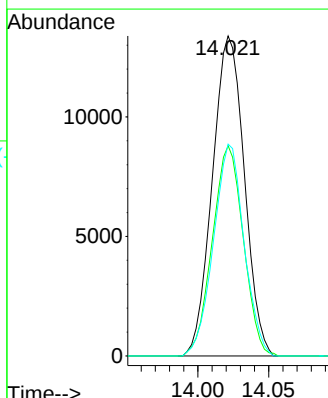
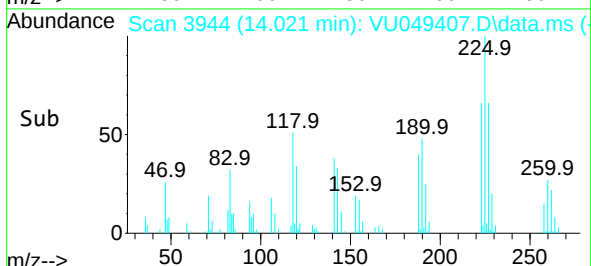
Reviewed By :John Carlone 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

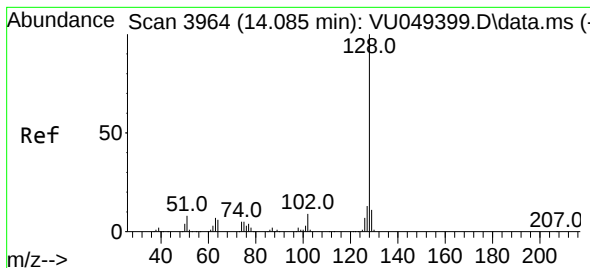


#94
Hexachlorobutadiene
Concen: 16.535 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



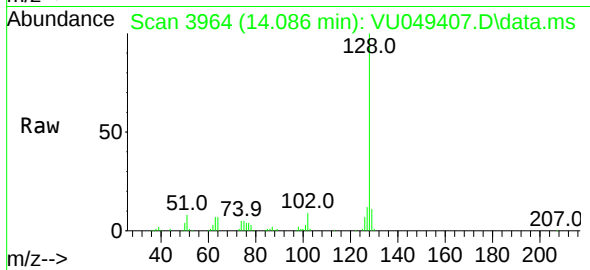
Tgt Ion:225 Resp: 20986
Ion Ratio Lower Upper
225 100
223 63.5 31.3 93.9
227 63.3 32.0 96.2





#95
Naphthalene
Concen: 19.297 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42

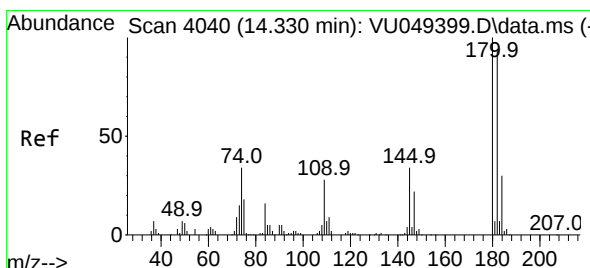
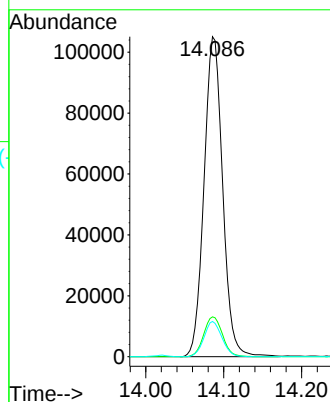
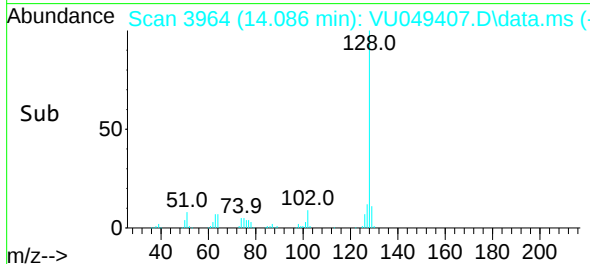
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01



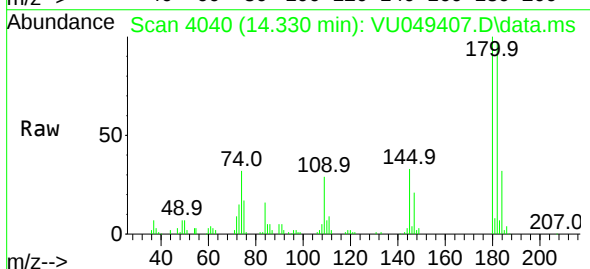
Tgt Ion:128 Resp: 174468
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.478 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049407.D
Acq: 27 Jun 2022 16:42



Tgt Ion:180 Resp: 52905
Ion Ratio Lower Upper
180 100
182 94.6 48.4 145.0
145 34.1 14.8 44.4

