

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051322\
 Data File : VU048573.D
 Acq On : 13 May 2022 19:36
 Operator : SY/MD
 Sample : N2766-03MEMSD
 Misc : 7.09g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4F3MEMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 14 04:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 14 04:14:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	277603	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	278820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	175313	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59840m	25.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.060%#		
7) Chloroethane-d5	1.874	69	53550m	34.320	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.640%#		
11) 1,1-Dichloroethene-d2	2.536	63	139607	32.811	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.620%		
21) 2-Butanone-d5	4.633	46	146688	72.045	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.040%		
24) Chloroform-d	5.060	84	169131	40.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.460%		
26) 1,2-Dichloroethane-d4	5.700	65	117126	43.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
32) Benzene-d6	5.723	84	288804	34.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.180%#		
36) 1,2-Dichloropropane-d6	6.690	67	91162	32.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	65.980%#		
41) Toluene-d8	7.896	98	272623	36.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.760%#		
43) trans-1,3-Dichloroprop...	8.182	79	53287	41.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.800%		
47) 2-Hexanone-d5	8.655	63	115994	86.738	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.740%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	168419	40.018	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.040%		
66) 1,2-Dichlorobenzene-d4	12.198	152	133925	38.579	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	108331m	43.139	ug/L	
3) Chloromethane	1.517	50	90609	31.545	ug/L	99
5) Vinyl chloride	1.601	62	103029	37.757	ug/L	95
6) Bromomethane	1.826	94	71669	53.110	ug/L	100
8) Chloroethane	1.890	64	65734m	44.806	ug/L	
9) Trichlorofluoromethane	2.076	101	175089	48.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	93301	45.350	ug/L	96
12) 1,1-Dichloroethene	2.549	96	86282	44.356	ug/L #	81
13) Acetone	2.642	43	116156	75.670	ug/L	95
14) Carbon disulfide	2.761	76	233032	38.650	ug/L	99
15) Methyl Acetate	2.951	43	120753	38.399	ug/L	91
16) Methylene chloride	3.031	84	104643	43.991	ug/L	87
17) trans-1,2-Dichloroethene	3.334	96	94567	45.568	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	349189	49.964	ug/L	96
19) 1,1-Dichloroethane	3.858	63	185297	43.302	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	111618	47.662	ug/L	91
22) 2-Butanone	4.713	43	192268	83.791	ug/L	97
23) Bromochloromethane	4.970	128	60309	48.866	ug/L #	83
25) Chloroform	5.086	83	206768	48.932	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	181257	52.173	ug/L	99
29) Cyclohexane	5.378	56	144997	37.686	ug/L	89
30) 1,1,1-Trichloroethane	5.308	97	198300	51.212	ug/L	97
31) Carbon tetrachloride	5.517	117	174442	52.612	ug/L	98
33) Benzene	5.768	78	408191	42.520	ug/L	100
34) Trichloroethene	6.539	95	111347	47.185	ug/L	98
35) Methylcyclohexane	6.758	83	161274	42.834	ug/L	94
37) 1,2-Dichloropropane	6.790	63	103367	38.578	ug/L	100
38) Bromodichloromethane	7.108	83	160513	49.199	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	178899	46.942	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	338665	78.886	ug/L #	93
42) Toluene	7.970	91	458023	46.227	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	188791	50.975	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	114069	47.076	ug/L	96
46) Tetrachloroethene	8.552	164	89928	50.727	ug/L	99
48) 2-Hexanone	8.703	43	296223	83.026	ug/L	98
49) Dibromochloromethane	8.816	129	143109	54.995	ug/L	93
50) 1,2-Dibromoethane	8.925	107	128543	50.185	ug/L	99
51) Chlorobenzene	9.449	112	315019	50.460	ug/L	98
52) Ethylbenzene	9.571	91	514676	49.865	ug/L	99
53) m,p-Xylene	9.697	106	208910	52.437	ug/L	98
54) o-Xylene	10.102	106	208472	52.012	ug/L	98
55) Styrene	10.118	104	366785	56.283	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	208028	45.807	ug/L	99
59) Bromoform	10.301	173	119450	48.042	ug/L	98
60) 1,2,3-Trichloropropane	10.828	75	179578	39.241	ug/L	94
61) Isopropylbenzene	10.488	105	557184	45.356	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	323995	47.844	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	507676	50.338	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	275693	47.584	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	281184	48.406	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	273890	46.194	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	58013	43.252	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	209430	51.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	186800	52.508	ug/L	99
71) Naphthalene	14.086	128	608110	44.387	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	186243	49.222	ug/L	99

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

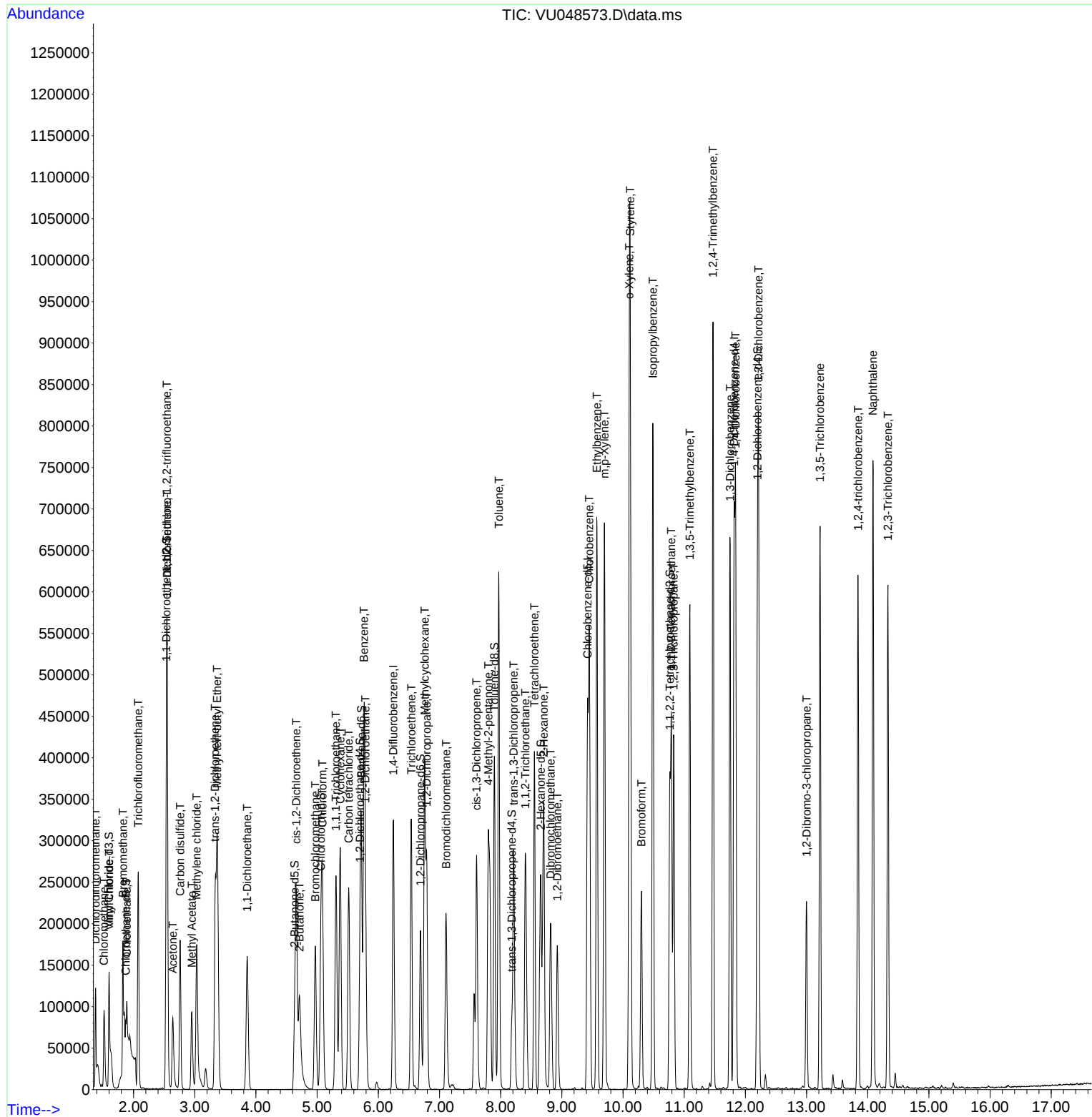
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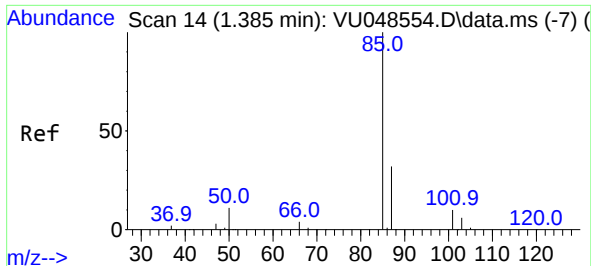
Instrument :
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 ClientSampleId :
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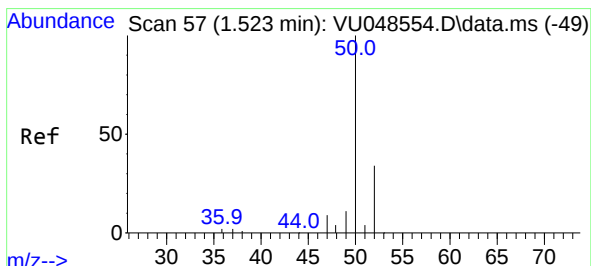
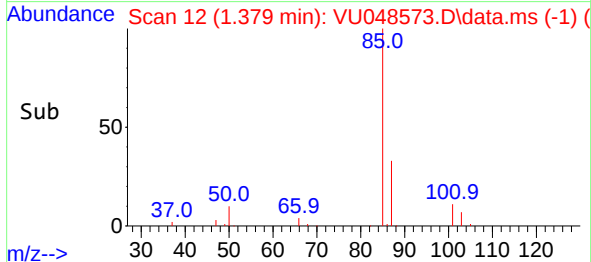
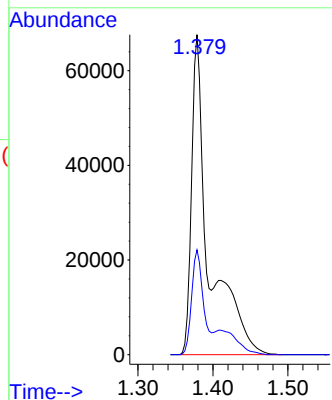
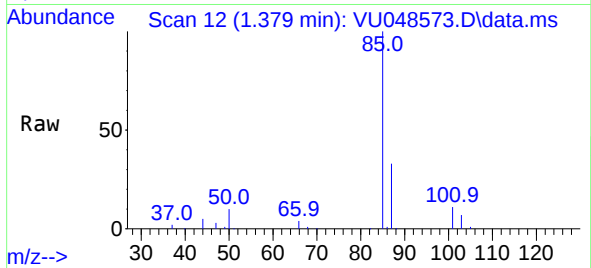
#2
Dichlorodifluoromethane
Concen: 43.139 ug/L m
RT: 1.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 85 Resp: 10833
Ion Ratio Lower Upper
85 100
87 22.4 26.2 39.4

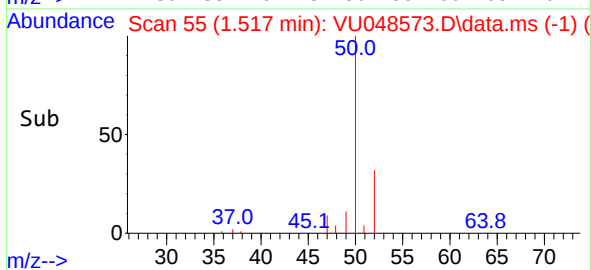
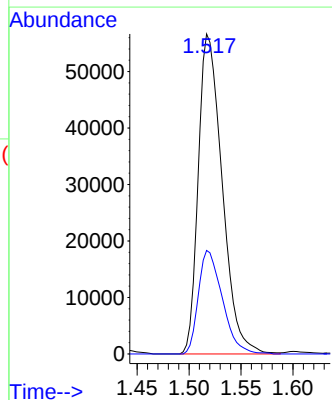
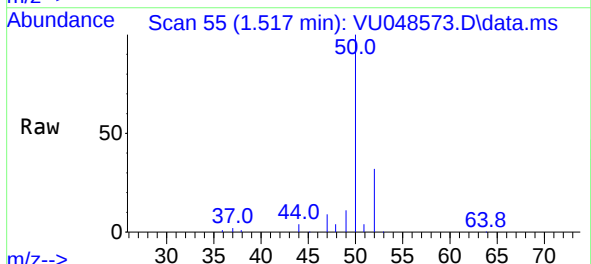
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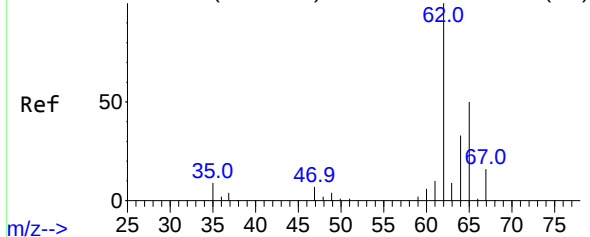


#3
Chloromethane
Concen: 31.545 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion: 50 Resp: 90609
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8



Abundance Scan 83 (1.607 min): VU048554.D\data.ms (-75)



#5

Vinyl chloride

Concen: 37.757 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.006 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion: 62 Resp: 103029

Ion Ratio Lower Upper

62 100

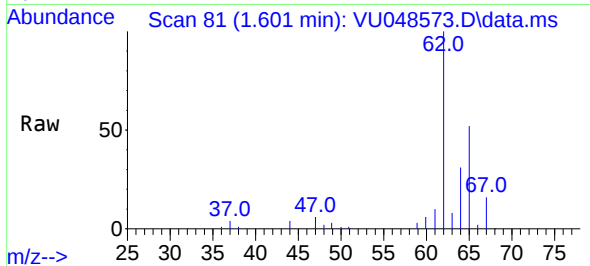
64 30.5 23.2 43.0

Manual Integrations

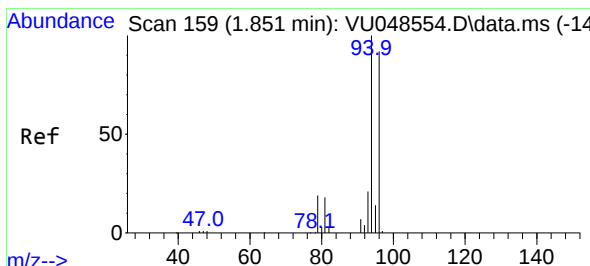
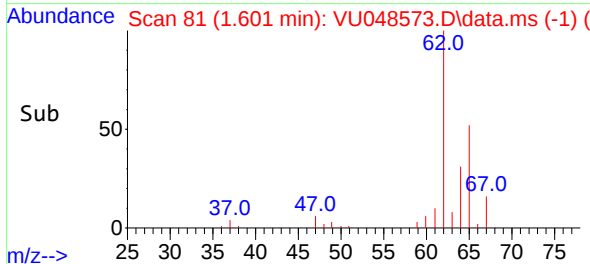
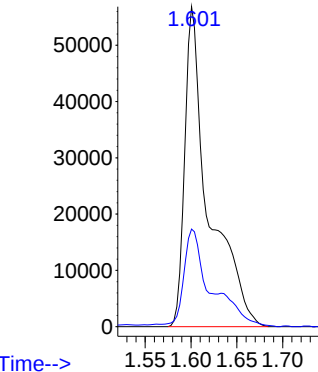
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Supervised By :Mahesh Dadoda 05/18/2022



Abundance



#6

Bromomethane

Concen: 53.110 ug/L

RT: 1.826 min Scan# 151

Delta R.T. -0.026 min

Lab File: VU048573.D

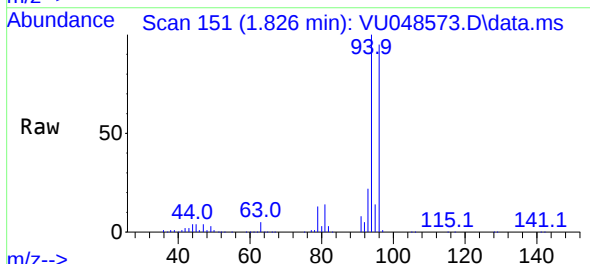
Acq: 13 May 2022 19:36

Tgt Ion: 94 Resp: 71669

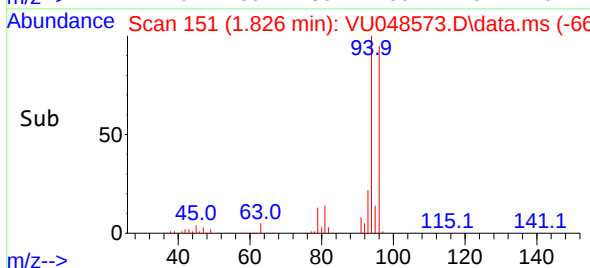
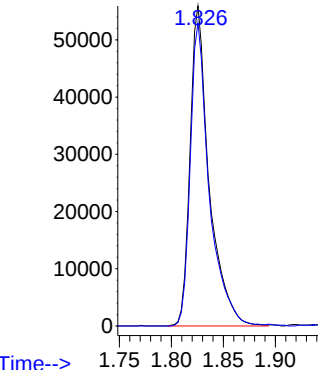
Ion Ratio Lower Upper

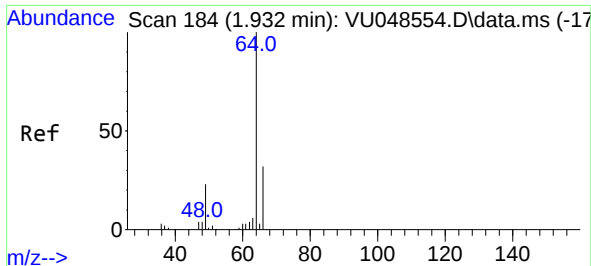
94 100

96 94.7 66.5 123.5



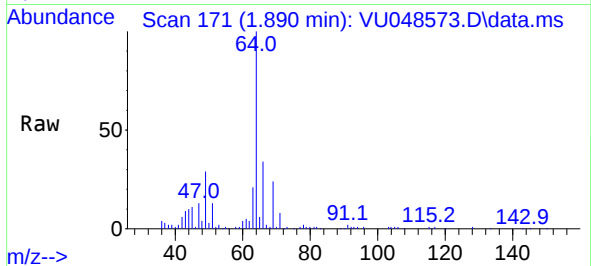
Abundance





#8
Chloroethane
Concen: 44.806 ug/L m
RT: 1.890 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

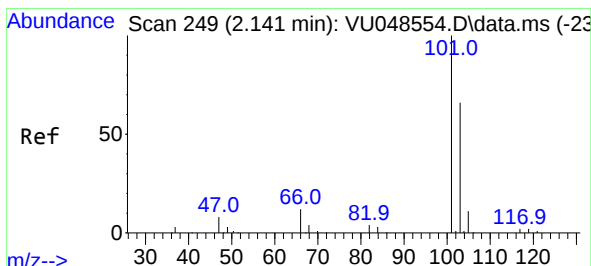
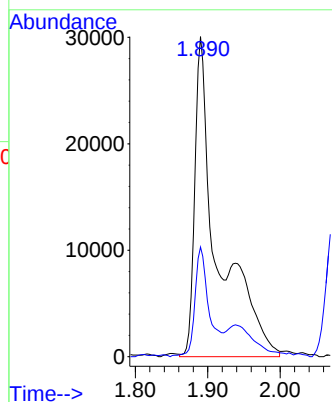
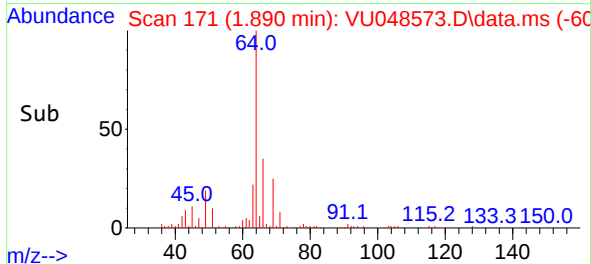
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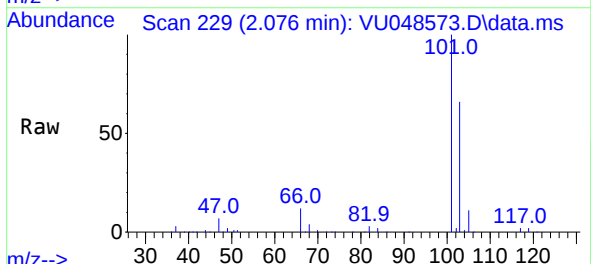
Tgt Ion: 64 Resp: 65734
Ion Ratio Lower Upper
64 100
66 34.2 22.8 42.4

Manual Integrations
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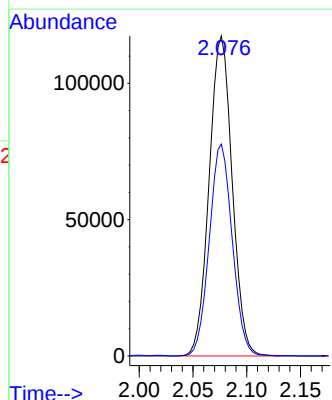
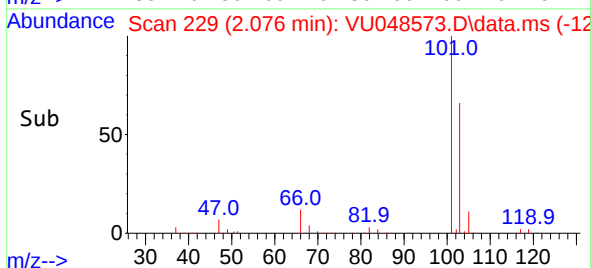
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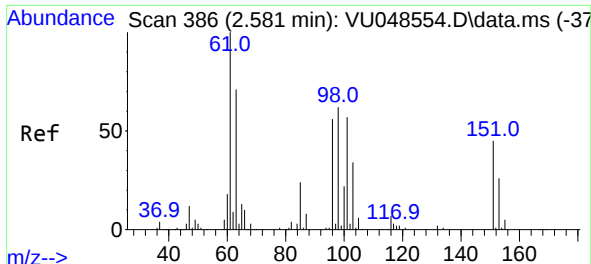


#9
Trichlorofluoromethane
Concen: 48.836 ug/L
RT: 2.076 min Scan# 229
Delta R.T. -0.064 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion:101 Resp: 175089
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0





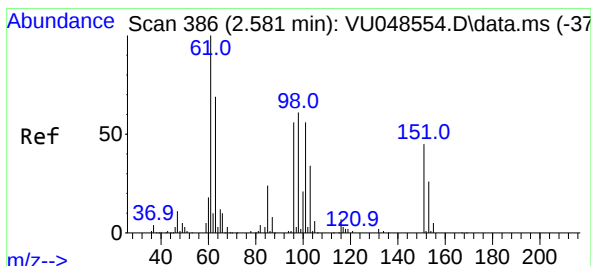
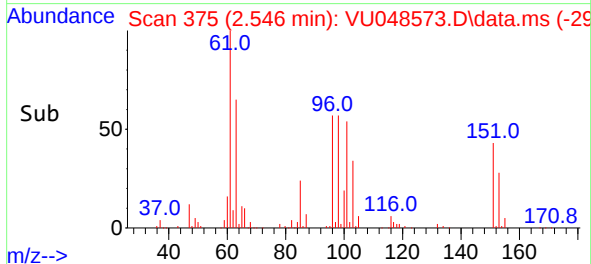
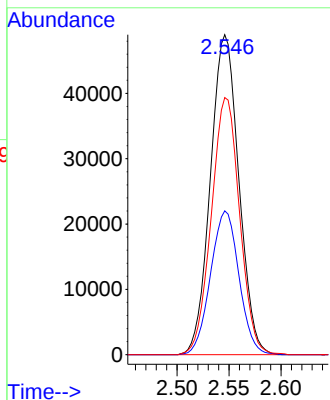
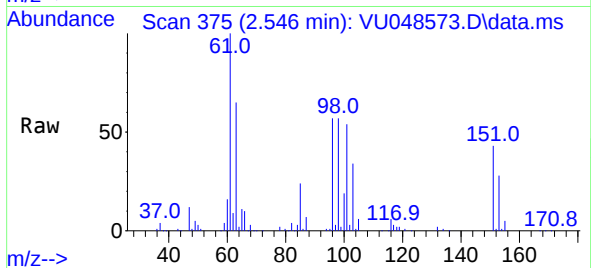
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.350 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU048573.D
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Tgt Ion:101 Resp: 9330
Ion Ratio Lower Upper
101 100
85 45.0 34.8 52.2
151 80.1 60.7 91.1

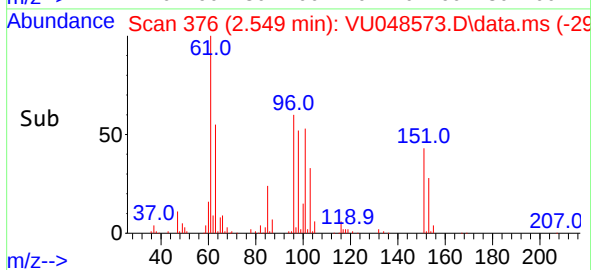
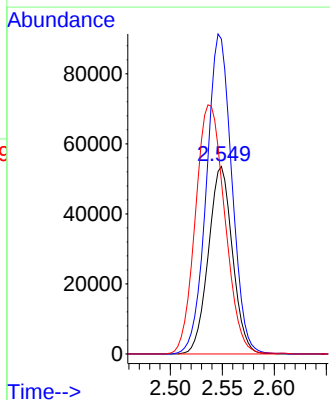
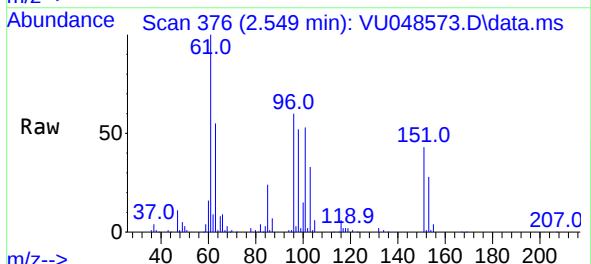
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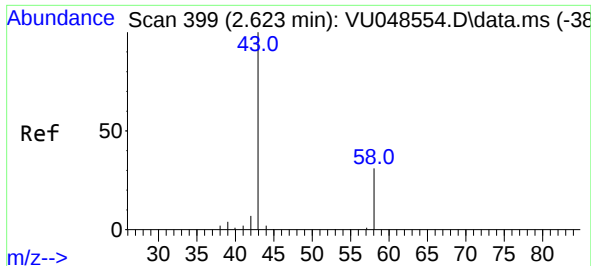
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
1,1-Dichloroethene
Concen: 44.356 ug/L
RT: 2.549 min Scan# 376
Delta R.T. -0.032 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion: 96 Resp: 86282
Ion Ratio Lower Upper
96 100
61 168.0 124.5 231.3
63 92.1 92.5 171.9#





#13

Acetone

Concen: 75.670 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.019 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion: 43 Resp: 116150

Ion Ratio Lower Upper

43 100

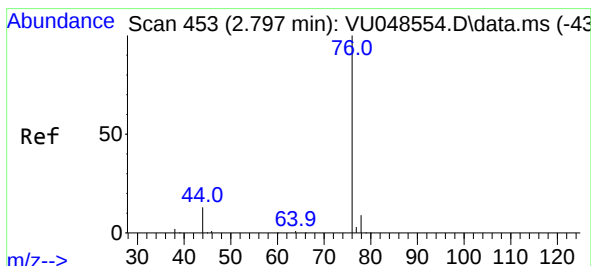
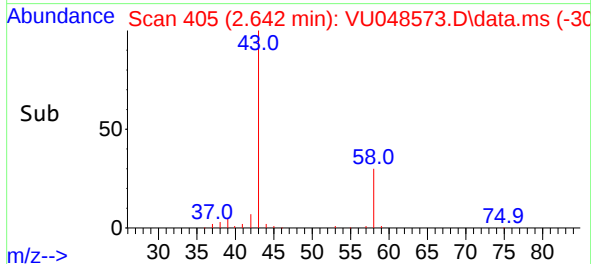
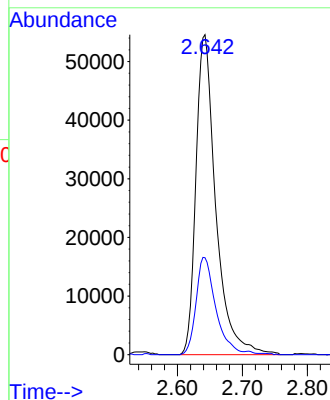
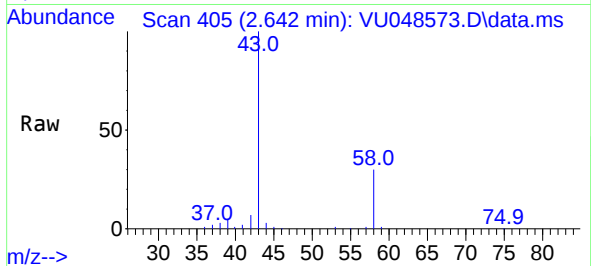
58 30.0 0.0 66.2

Manual Integrations

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#14

Carbon disulfide

Concen: 38.650 ug/L

RT: 2.761 min Scan# 442

Delta R.T. -0.035 min

Lab File: VU048573.D

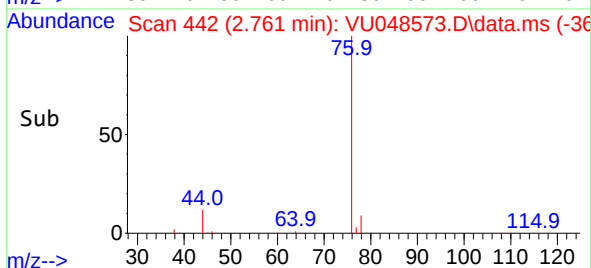
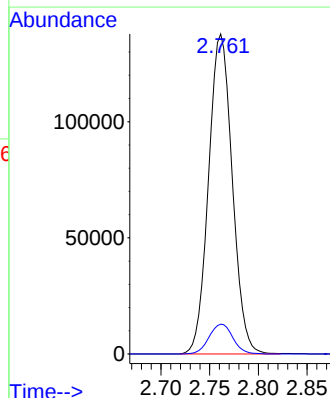
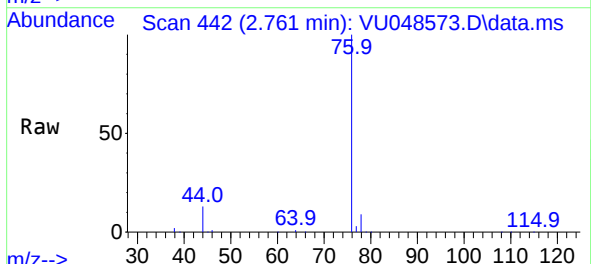
Acq: 13 May 2022 19:36

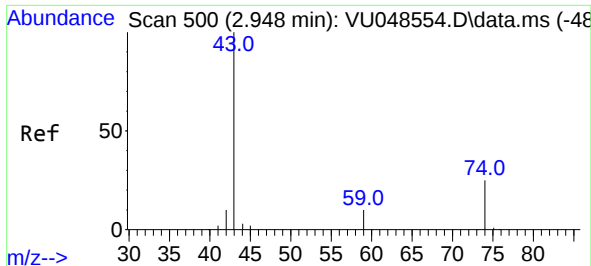
Tgt Ion: 76 Resp: 233032

Ion Ratio Lower Upper

76 100

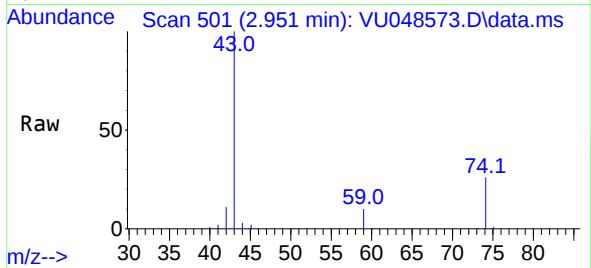
78 9.3 7.3 10.9





#15
Methyl Acetate
Concen: 38.399 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

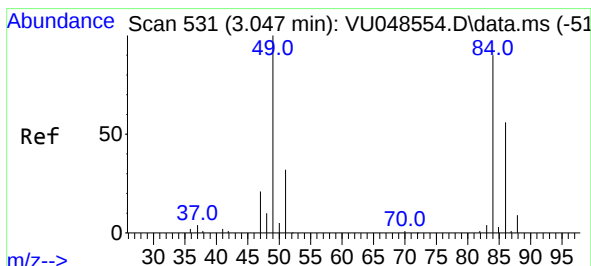
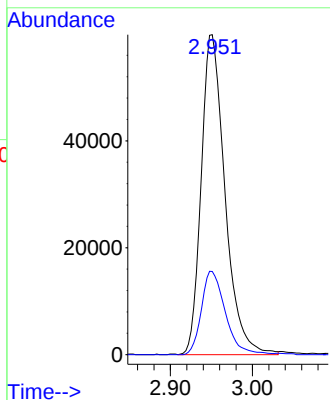
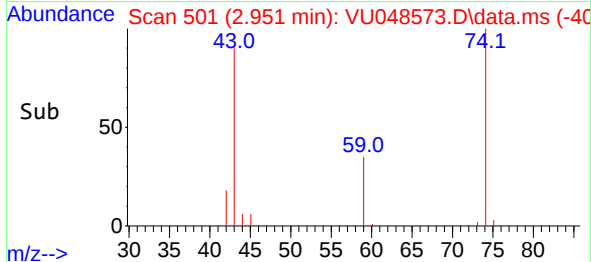
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



Tgt Ion: 43 Resp: 12075
Ion Ratio Lower Upper
43 100
74 26.1 17.6 26.4

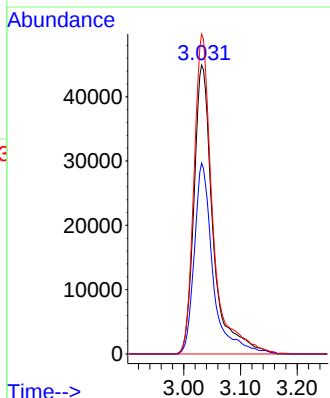
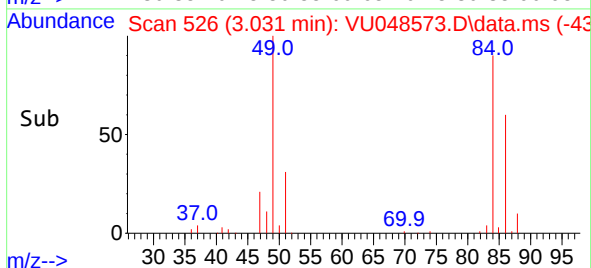
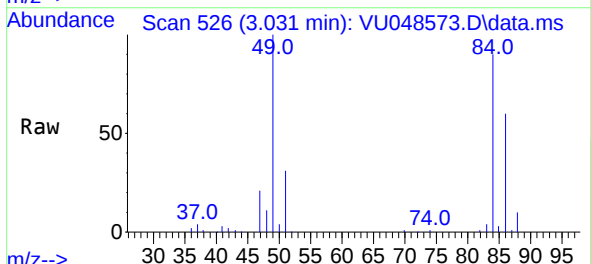
Manual Integrations
APPROVED

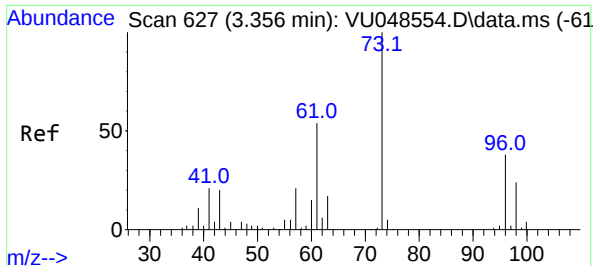
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Methylene chloride
Concen: 43.991 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

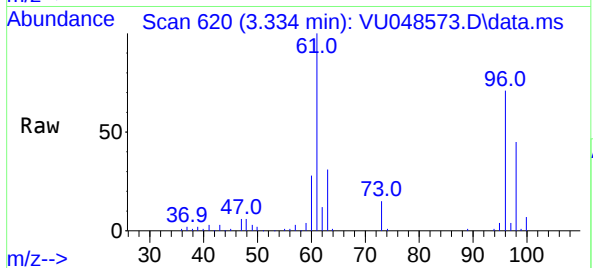
Tgt Ion: 84 Resp: 104643
Ion Ratio Lower Upper
84 100
86 66.1 44.8 83.2
49 110.8 92.0 170.8





#17
trans-1,2-Dichloroethene
Concen: 45.568 ug/L
RT: 3.334 min Scan# 61
Delta R.T. -0.022 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

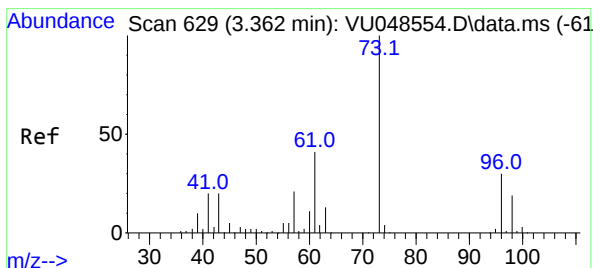
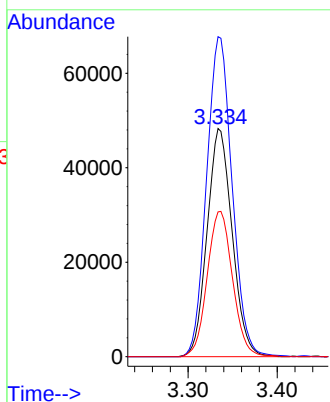
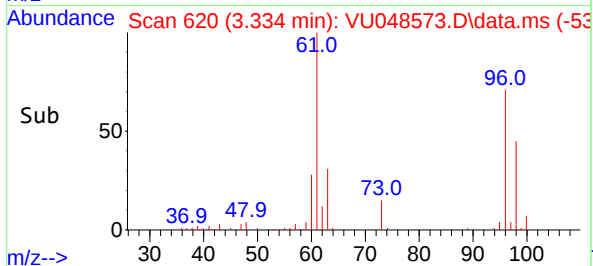
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



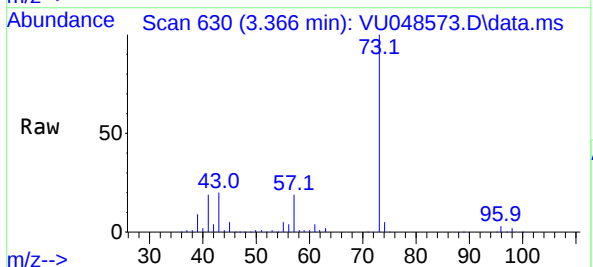
Tgt Ion: 96 Resp: 9456
Ion Ratio Lower Upper
96 100
61 140.2 101.2 187.8
98 63.4 43.3 80.3

Manual Integrations
APPROVED

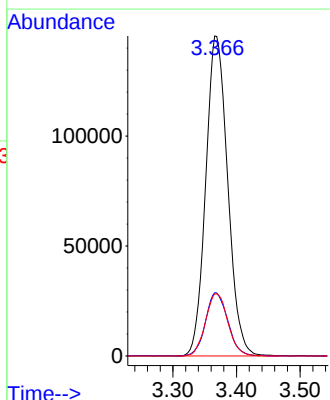
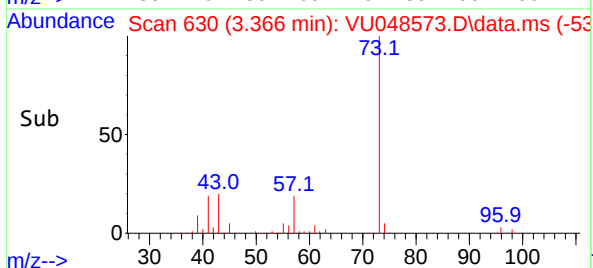
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

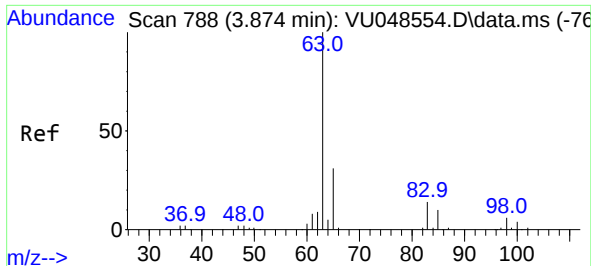


#18
Methyl tert-butyl Ether
Concen: 49.964 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



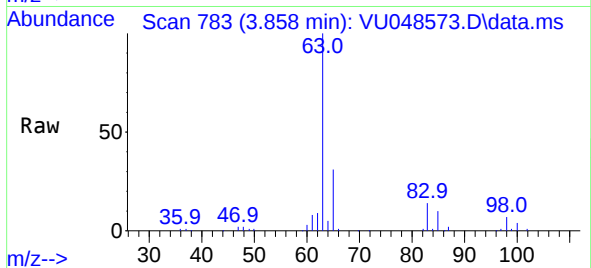
Tgt Ion: 73 Resp: 349189
Ion Ratio Lower Upper
73 100
43 20.0 15.6 23.4
57 19.8 18.1 27.1





#19
1,1-Dichloroethane
Concen: 43.302 ug/L
RT: 3.858 min Scan# 783
Delta R.T. -0.016 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

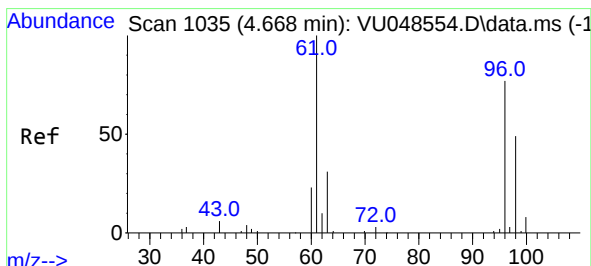
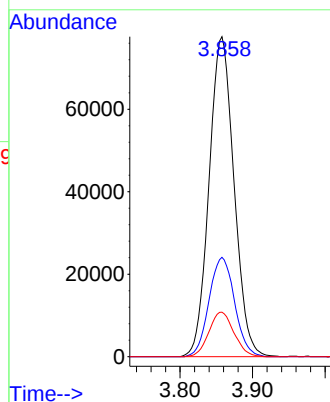
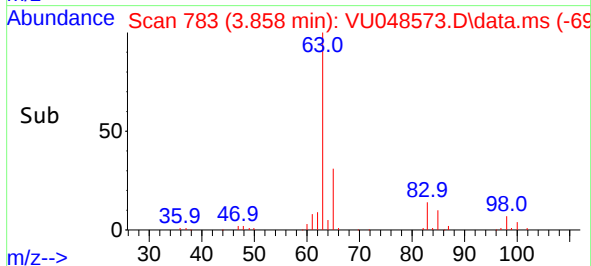
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



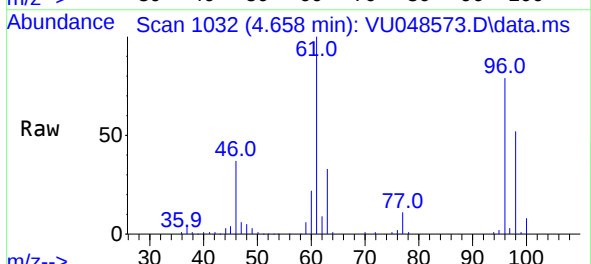
Tgt Ion: 63 Resp: 18529
Ion Ratio Lower Upper
63 100
65 31.1 22.0 41.0
83 13.9 8.5 15.9

Manual Integrations
APPROVED

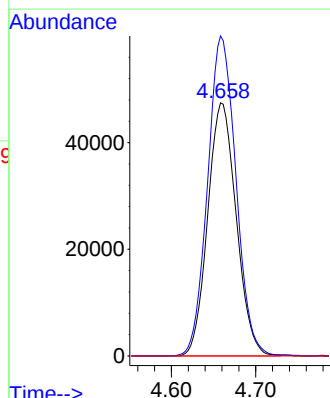
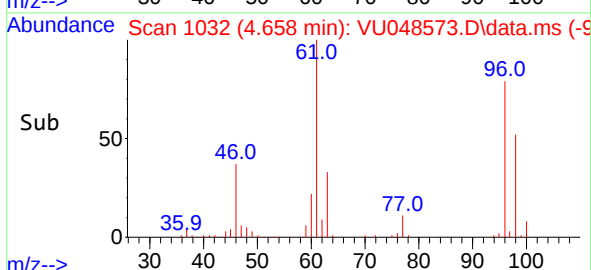
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

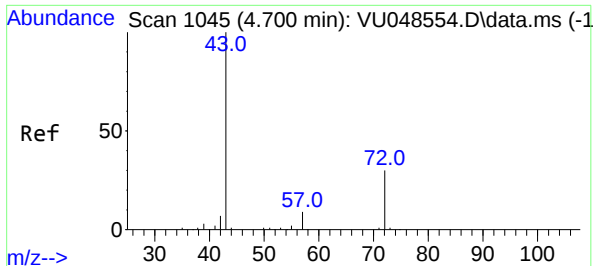


#20
cis-1,2-Dichloroethene
Concen: 47.662 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



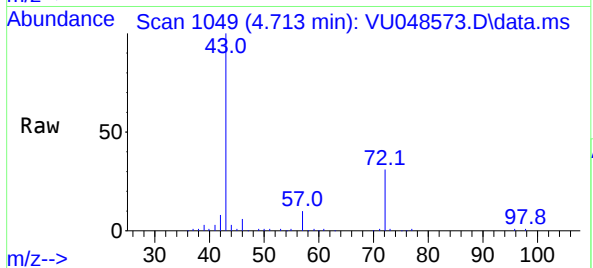
Tgt Ion: 96 Resp: 111618
Ion Ratio Lower Upper
96 100
61 126.4 96.2 178.8
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 83.791 ug/L
RT: 4.713 min Scan# 1045
Delta R.T. 0.013 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

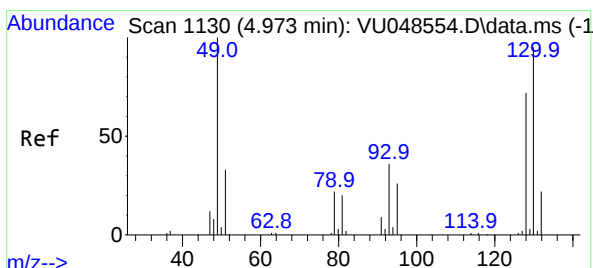
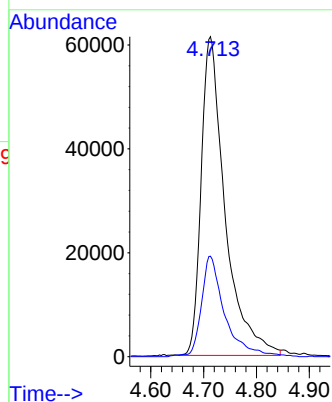
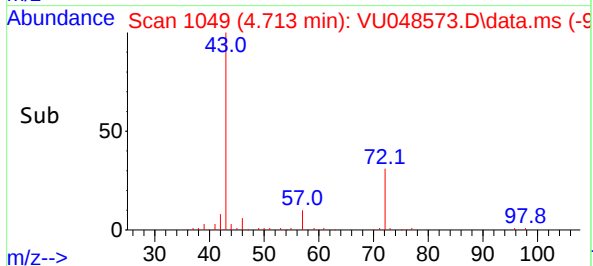
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



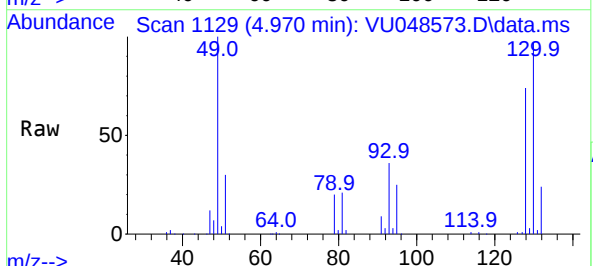
Tgt Ion: 43 Resp: 192268
Ion Ratio Lower Upper
43 100
72 28.0 13.3 39.9

Manual Integrations
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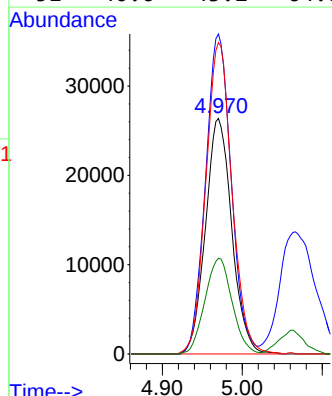
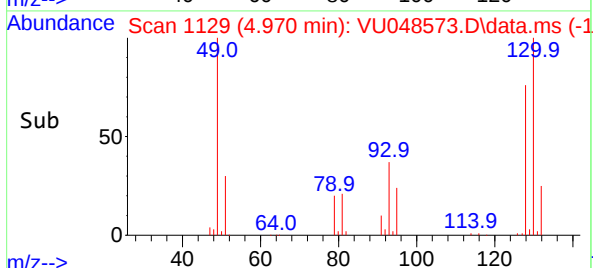
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

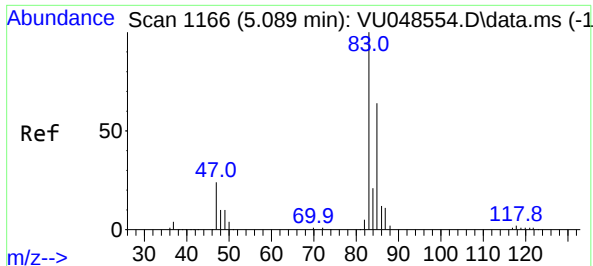


#23
Bromochloromethane
Concen: 48.866 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion:128 Resp: 60309
Ion Ratio Lower Upper
128 100
49 135.9 123.1 228.7
130 132.2 93.6 173.8
51 40.6 43.2 64.8#





#25

Chloroform

Concen: 48.932 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion: 83 Resp: 206768

Ion Ratio Lower Upper

83 100

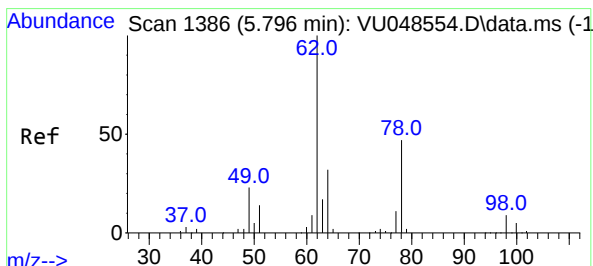
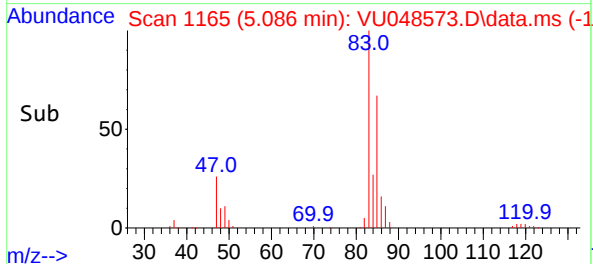
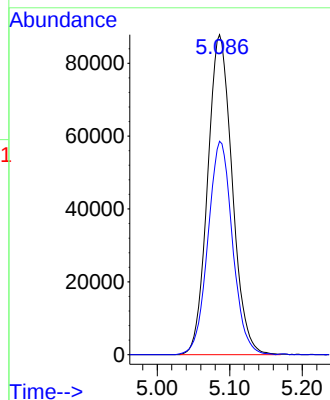
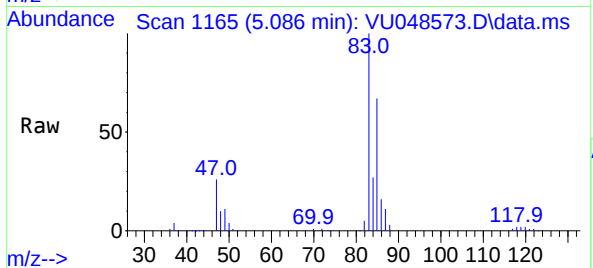
85 66.7 45.4 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#27

1,2-Dichloroethane

Concen: 52.173 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.006 min

Lab File: VU048573.D

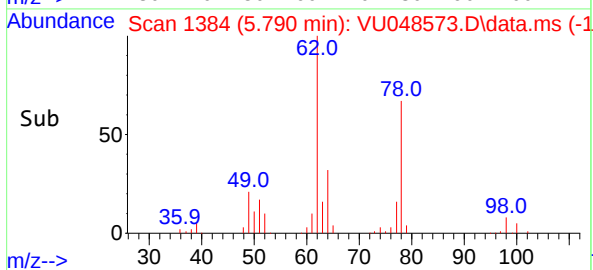
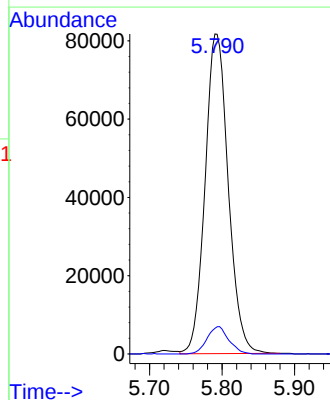
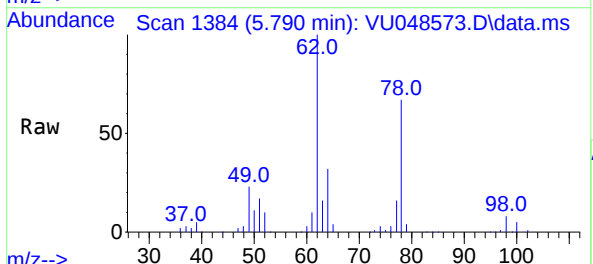
Acq: 13 May 2022 19:36

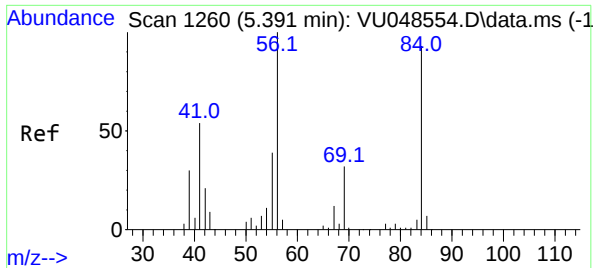
Tgt Ion: 62 Resp: 181257

Ion Ratio Lower Upper

62 100

98 8.0 6.8 10.2





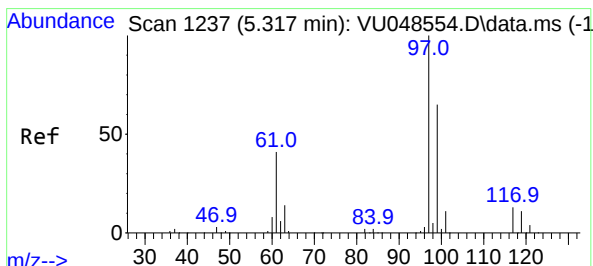
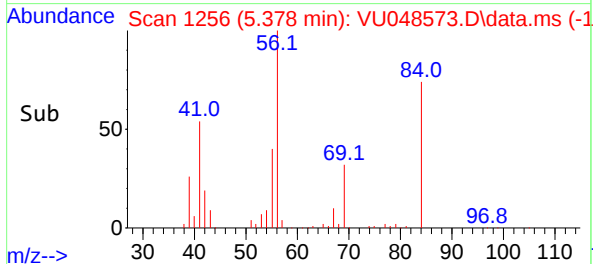
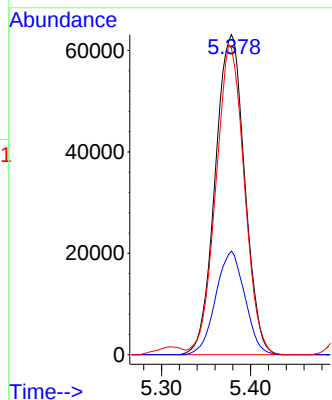
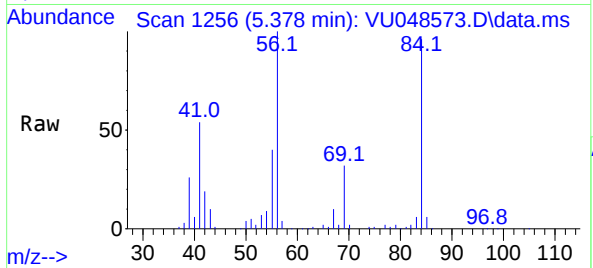
#29
Cyclohexane
Concen: 37.686 ug/L
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 56 Resp: 14499
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.0
84 93.9 65.5 98.3

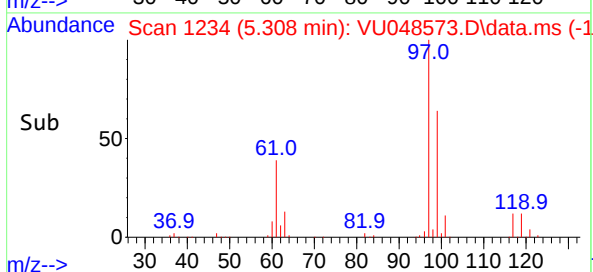
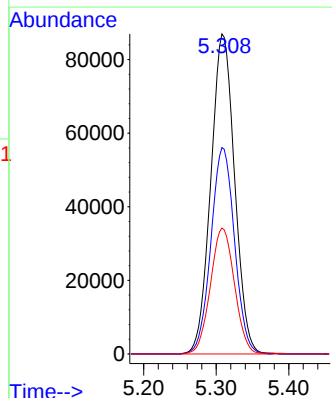
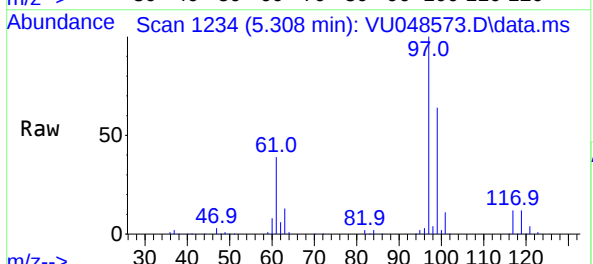
Manual Integrations
APPROVED

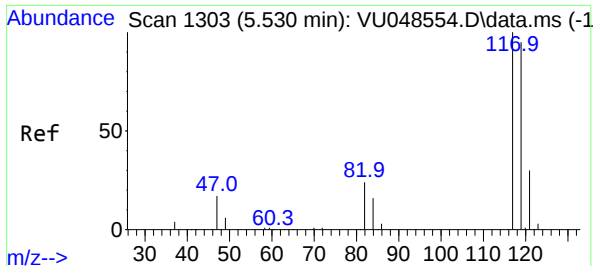
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
1,1,1-Trichloroethane
Concen: 51.212 ug/L
RT: 5.308 min Scan# 1234
Delta R.T. -0.010 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion: 97 Resp: 198300
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 39.8 35.0 52.4





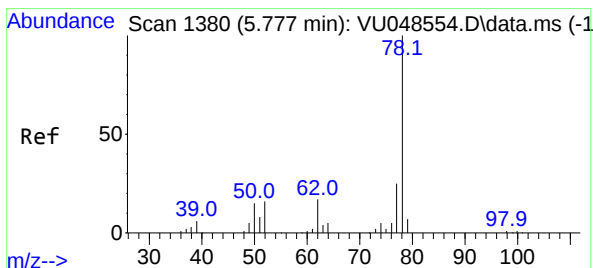
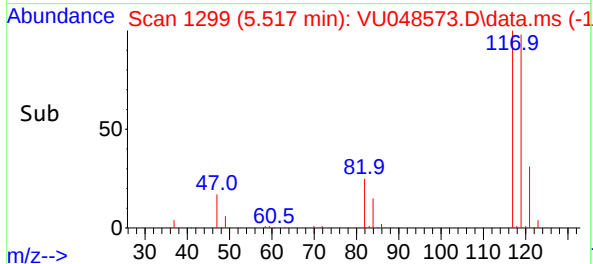
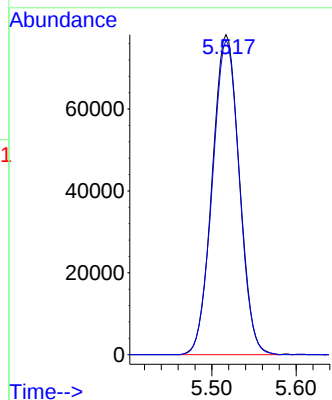
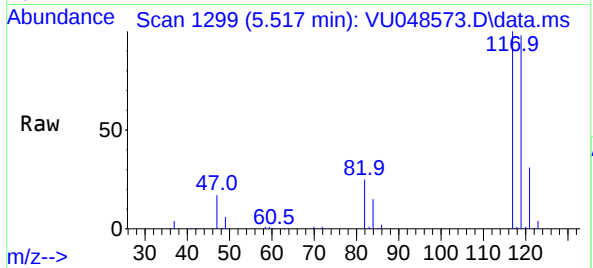
#31
Carbon tetrachloride
Concen: 52.612 ug/L
RT: 5.517 min Scan# 117
Delta R.T. -0.013 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion:117 Resp: 17444
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7

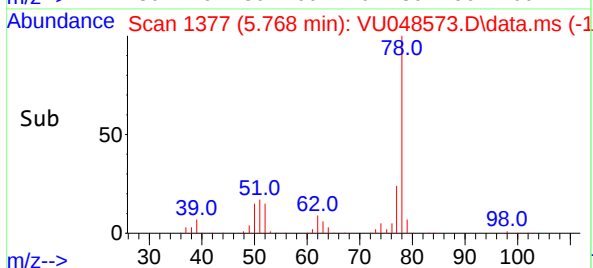
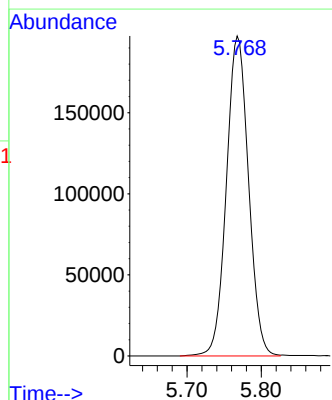
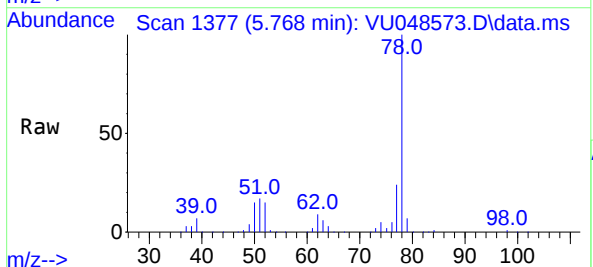
Manual Integrations
APPROVED

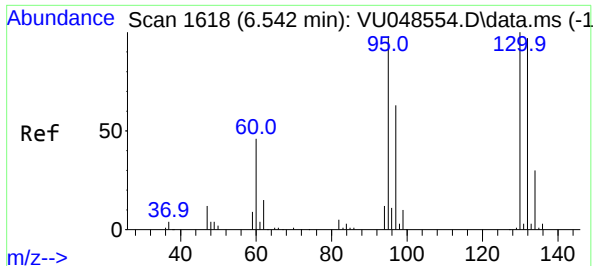
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#33
Benzene
Concen: 42.520 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

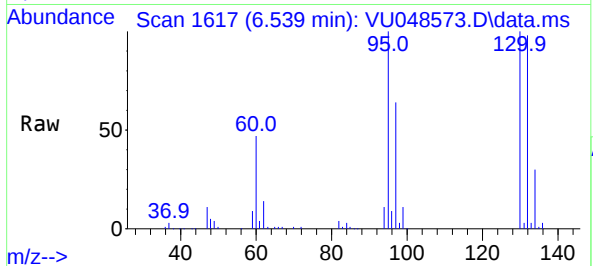
Tgt Ion: 78 Resp: 408191





#34
Trichloroethene
Concen: 47.185 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

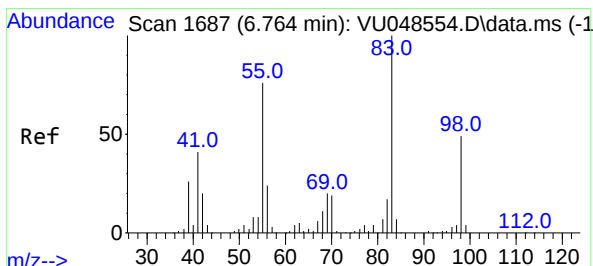
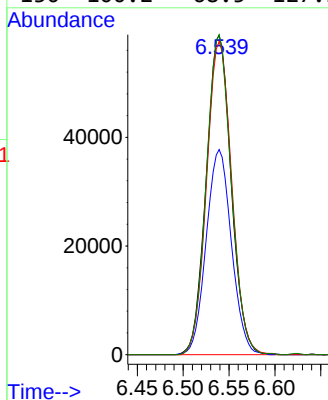
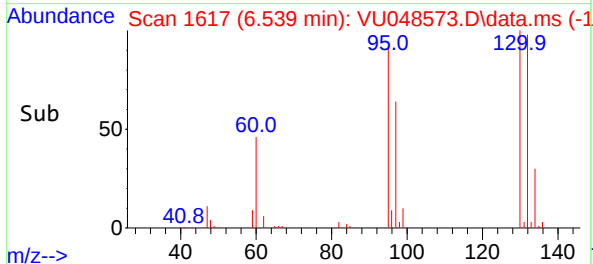
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



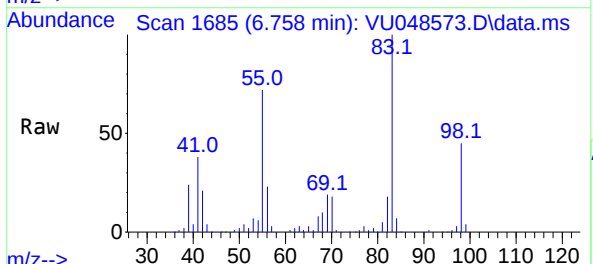
Tgt Ion: 95 Resp: 11134
Ion Ratio Lower Upper
95 100
97 64.2 46.6 86.6
132 98.1 67.3 124.9
130 100.2 68.5 127.1

Manual Integrations
APPROVED

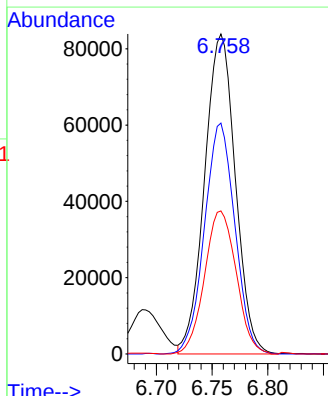
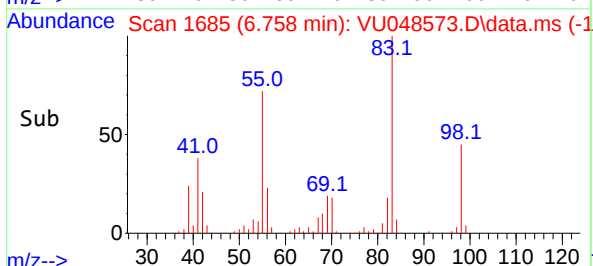
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

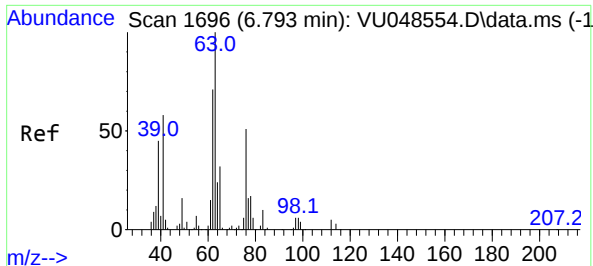


#35
Methylcyclohexane
Concen: 42.834 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion: 83 Resp: 161274
Ion Ratio Lower Upper
83 100
55 71.4 63.4 95.2
98 46.0 35.9 53.9





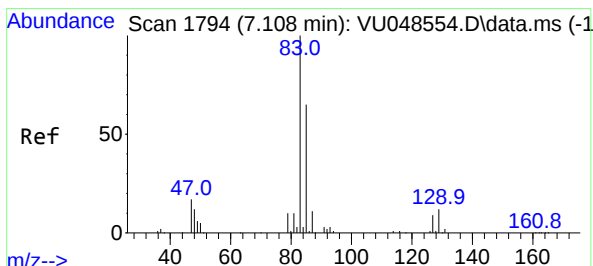
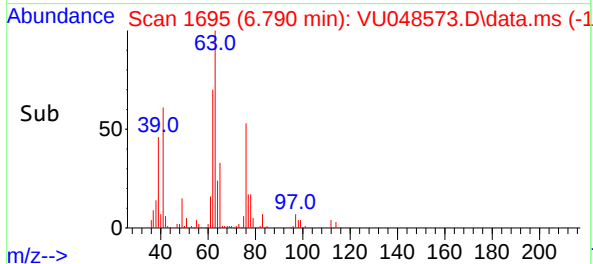
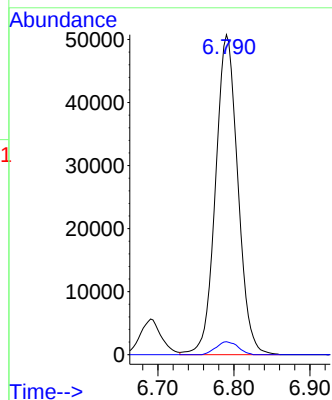
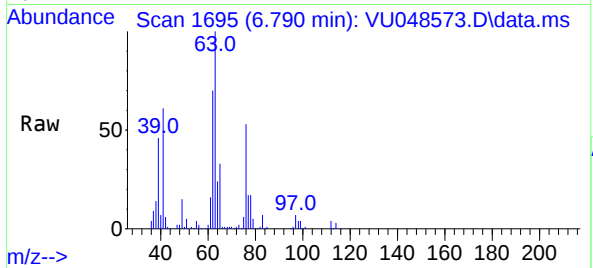
1,2-Dichloropropane
Concen: 38.578 ug/L
RT: 6.790 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 63 Resp: 10336
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7

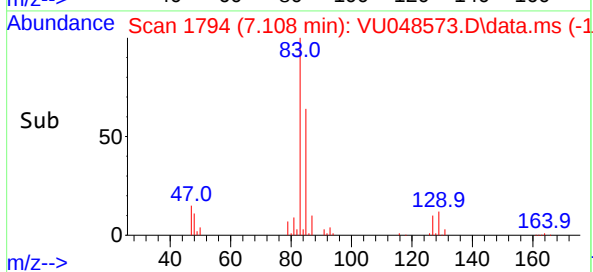
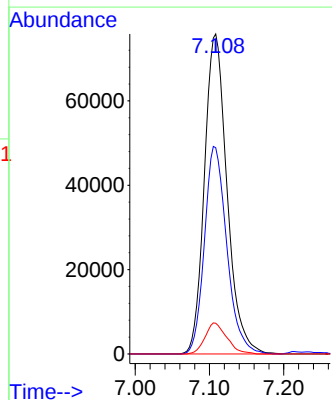
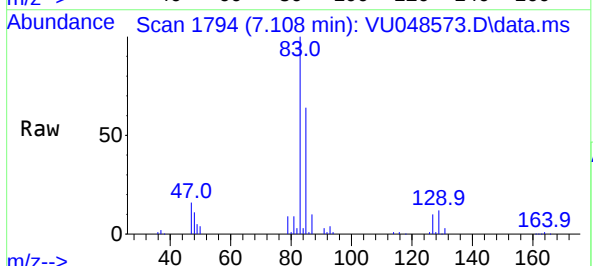
Manual Integrations
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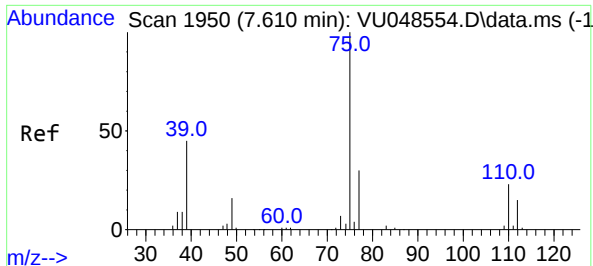
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



Bromodichloromethane
Concen: 49.199 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion: 83 Resp: 160513
Ion Ratio Lower Upper
83 100
85 64.5 45.5 84.5
127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.942 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion: 75 Resp: 17889

Ion Ratio Lower Upper

75 100

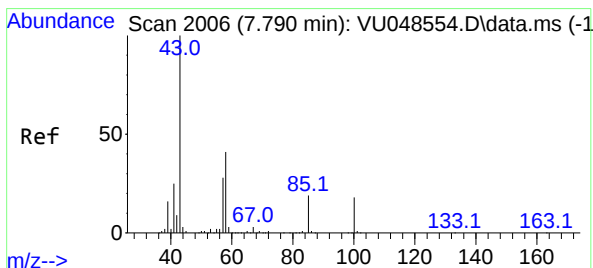
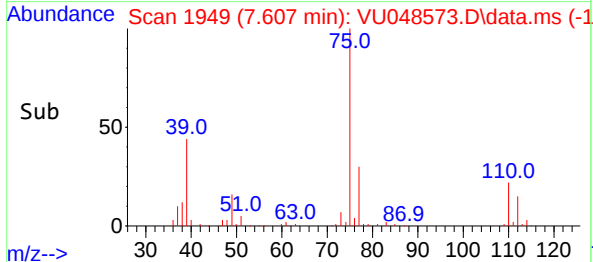
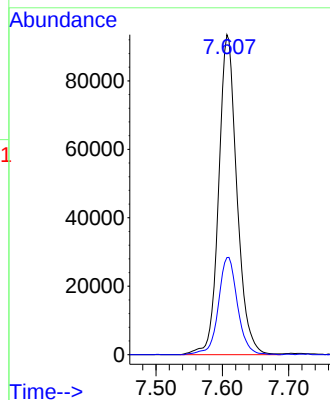
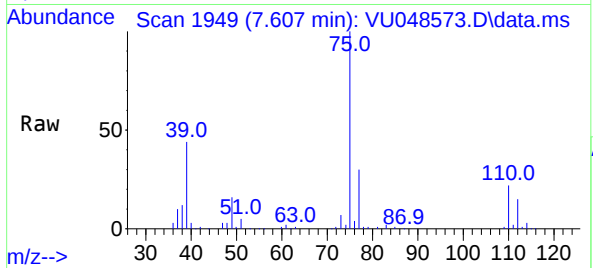
77 30.4 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

4-Methyl-2-pentanone

Concen: 78.886 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.010 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

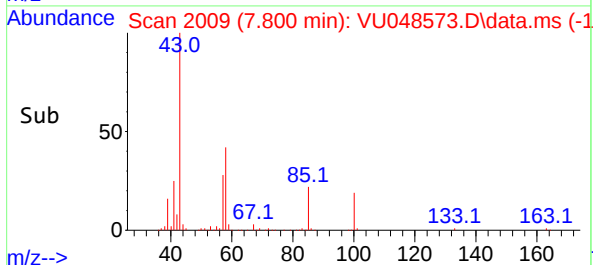
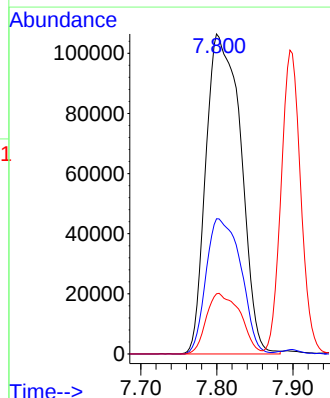
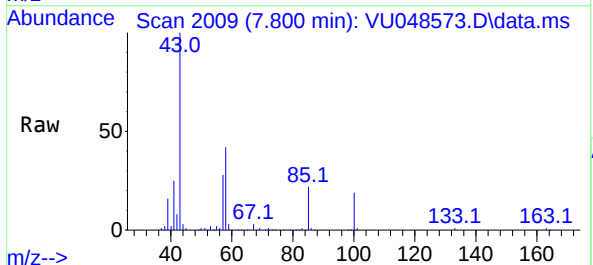
Tgt Ion: 43 Resp: 338665

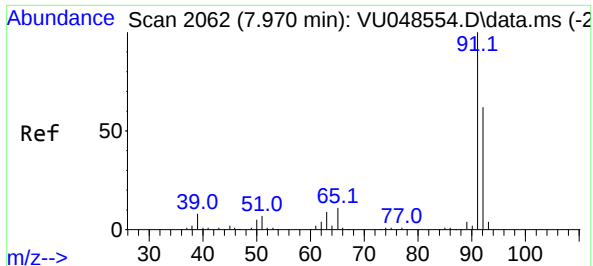
Ion Ratio Lower Upper

43 100

58 42.2 31.0 46.4

100 18.5 11.2 16.8#





#42

Toluene

Concen: 46.227 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion: 91 Resp: 458023

Ion Ratio Lower Upper

91 100

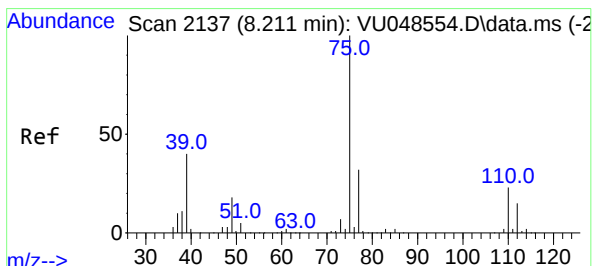
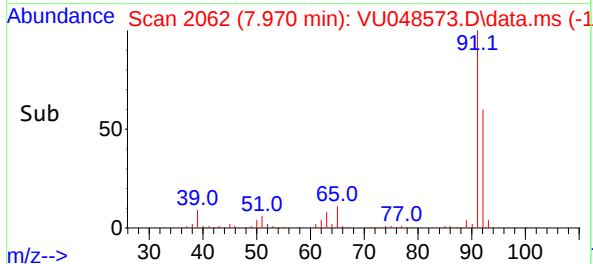
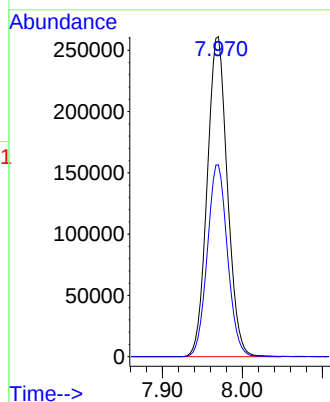
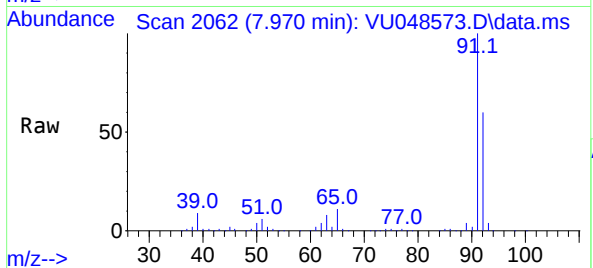
92 60.0 41.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#44

trans-1,3-Dichloropropene

Concen: 50.975 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048573.D

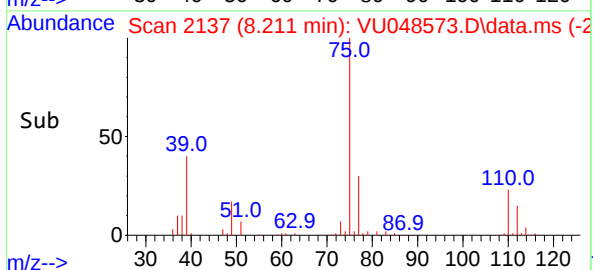
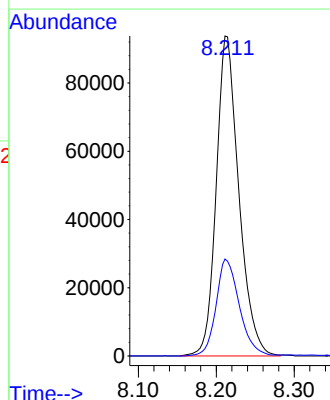
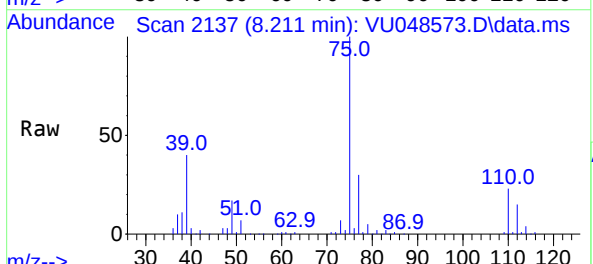
Acq: 13 May 2022 19:36

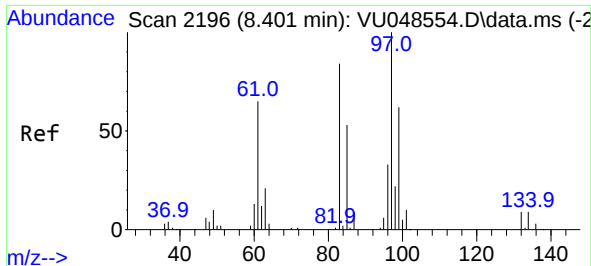
Tgt Ion: 75 Resp: 188791

Ion Ratio Lower Upper

75 100

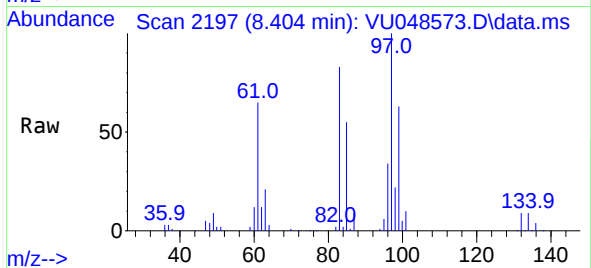
77 30.3 22.6 42.0





#45
1,1,2-Trichloroethane
Concen: 47.076 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

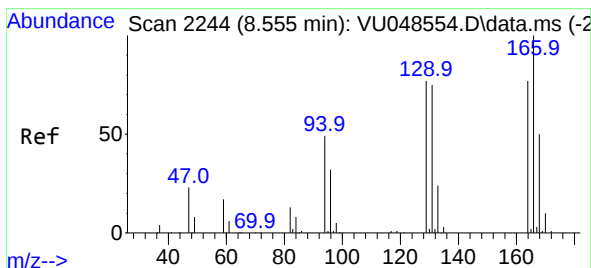
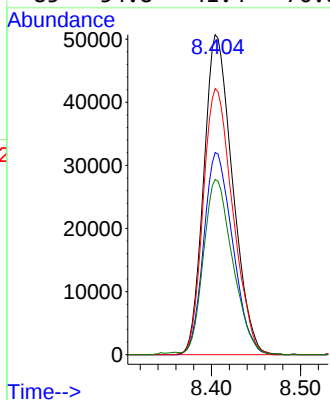
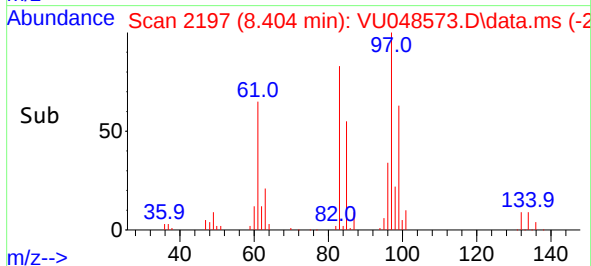


Tgt Ion: 97 Resp: 114069

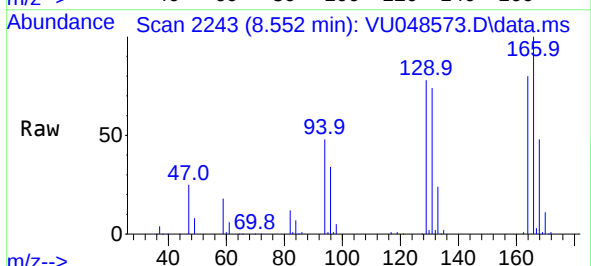
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.5	80.9
83	83.2	60.5	112.5
85	54.8	41.4	76.8

Manual Integrations
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Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

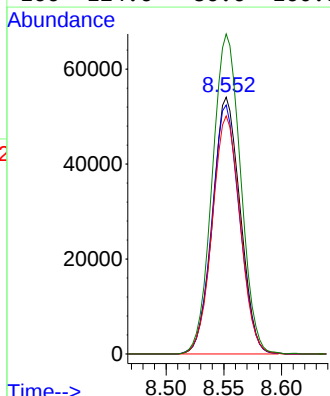
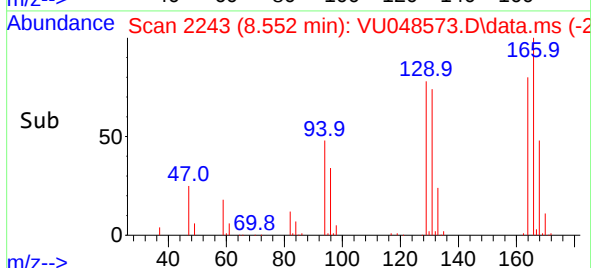


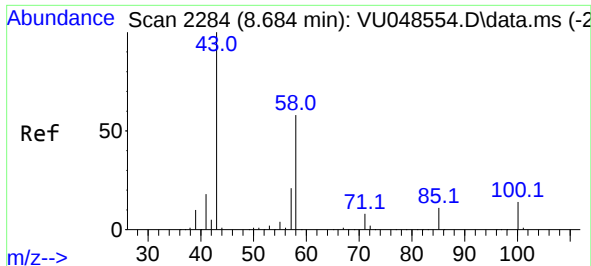
#46
Tetrachloroethene
Concen: 50.727 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion:164 Resp: 89928

Ion	Ratio	Lower	Upper
164	100		
129	96.9	69.2	128.6
131	92.7	65.2	121.0
166	124.6	86.6	160.8





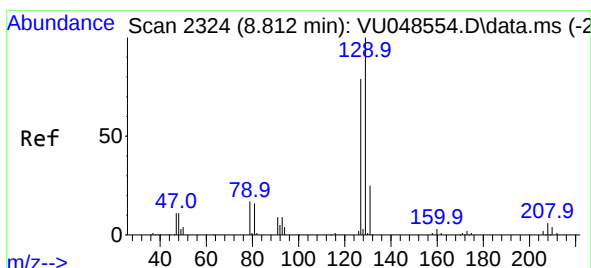
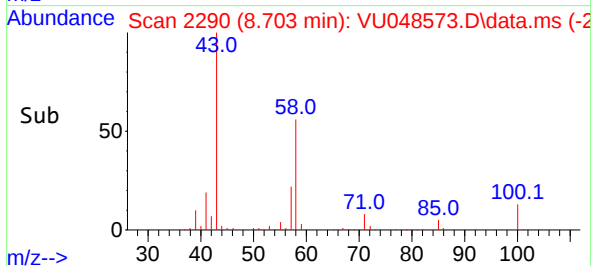
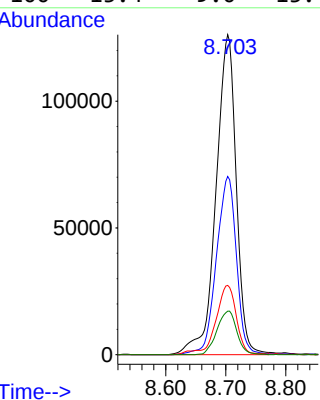
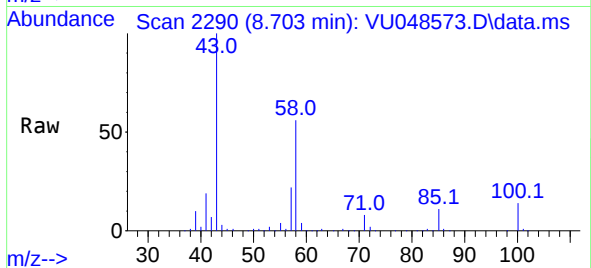
#48
2-Hexanone
Concen: 83.026 ug/L
RT: 8.703 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 43 Resp: 29622
Ion Ratio Lower Upper
43 100
58 55.1 44.3 66.5
57 21.2 15.7 23.5
100 13.4 9.0 13.4

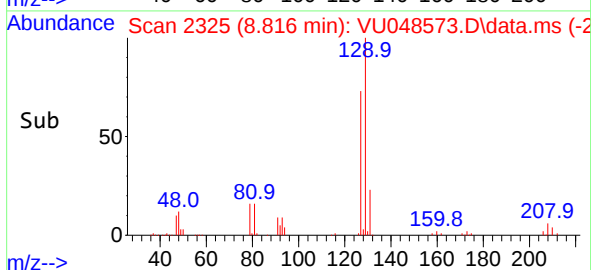
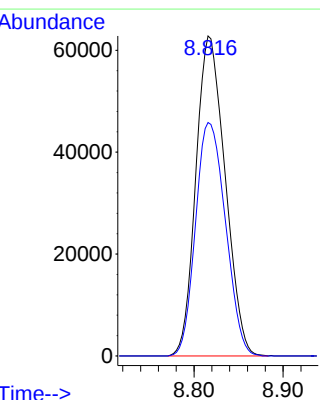
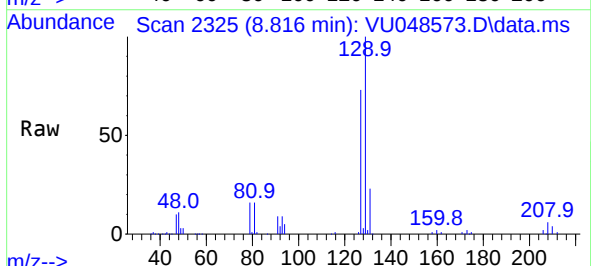
Manual Integrations
APPROVED

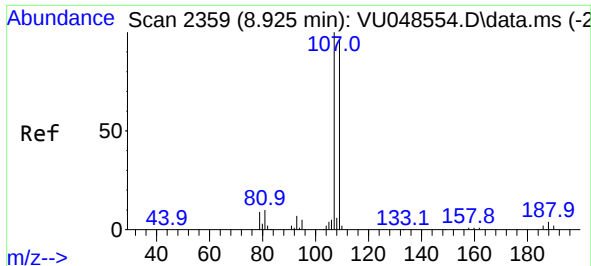
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#49
Dibromochloromethane
Concen: 54.995 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion:129 Resp: 143109
Ion Ratio Lower Upper
129 100
127 73.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 50.185 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion:107 Resp: 12854

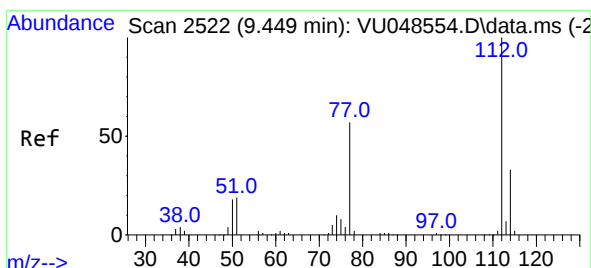
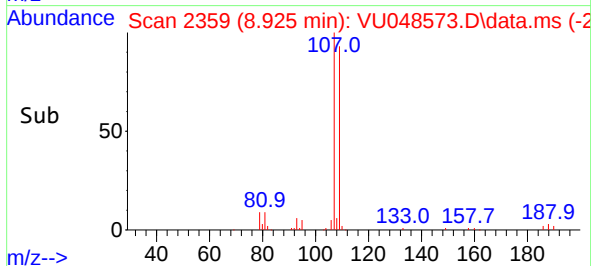
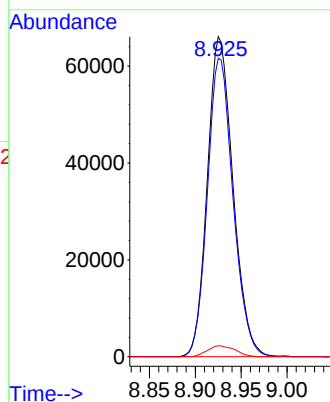
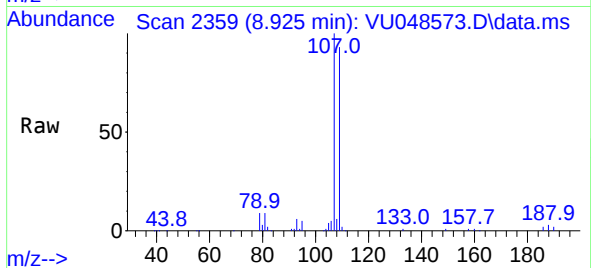
Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.7	122.1
188	3.4	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#51

Chlorobenzene

Concen: 50.460 ug/L

RT: 9.449 min Scan# 2522

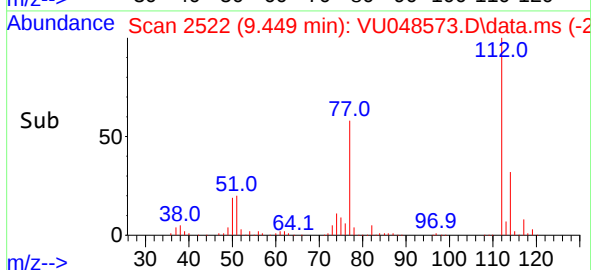
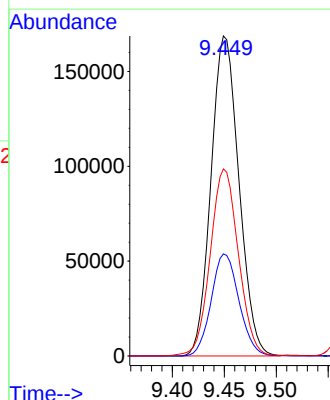
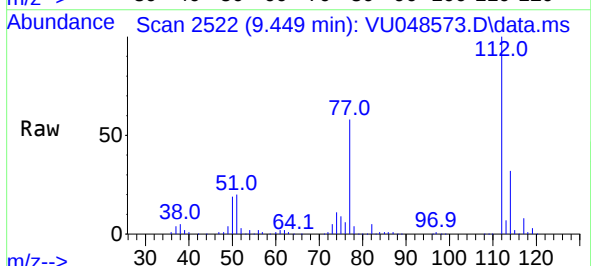
Delta R.T. 0.000 min

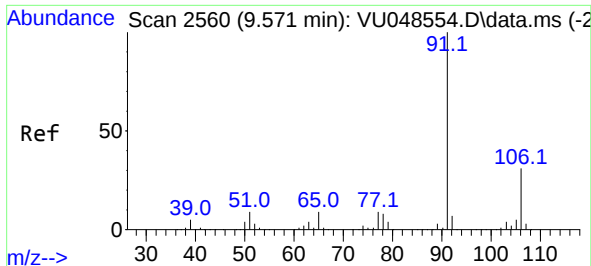
Lab File: VU048573.D

Acq: 13 May 2022 19:36

Tgt Ion:112 Resp: 315019

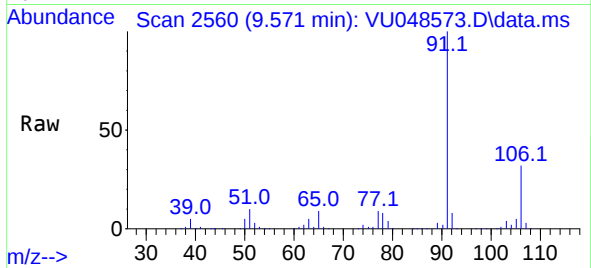
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.0	42.6
77	58.5	48.4	72.6





#52
Ethylbenzene
Concen: 49.865 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

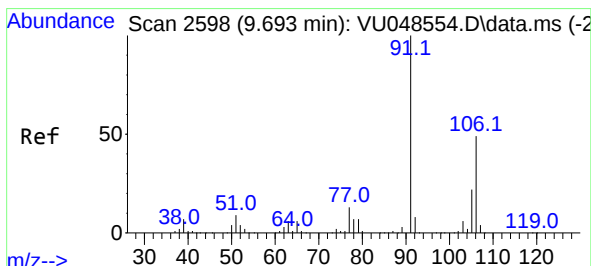
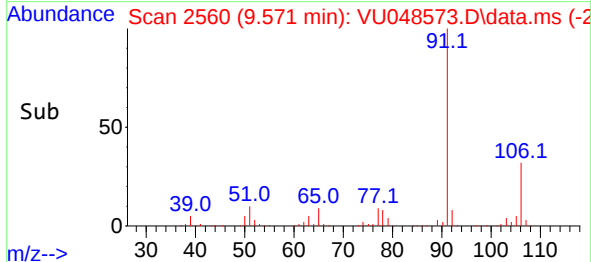
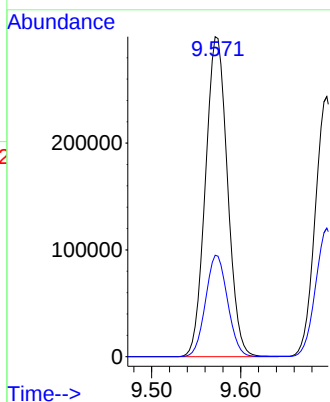
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



Tgt Ion: 91 Resp: 514670
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3

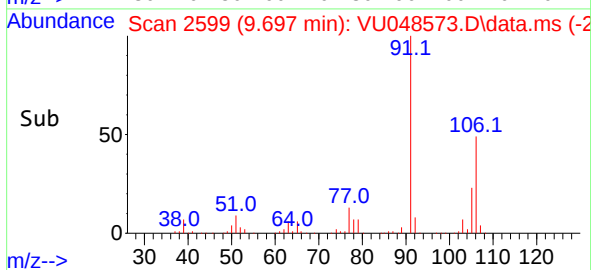
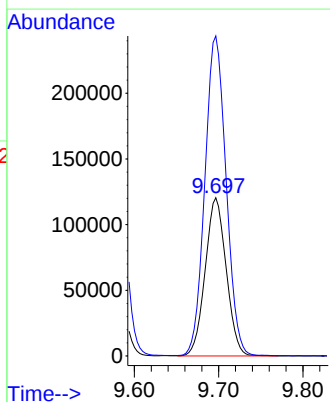
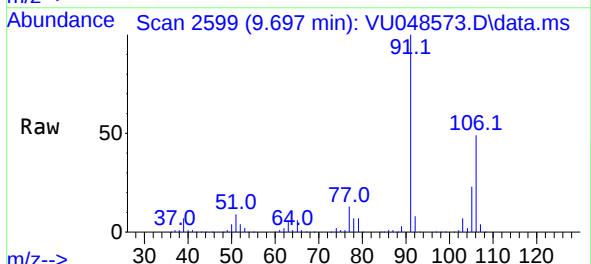
Manual Integrations
APPROVED

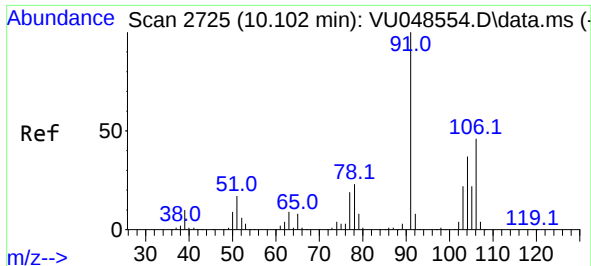
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#53
m,p-Xylene
Concen: 52.437 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

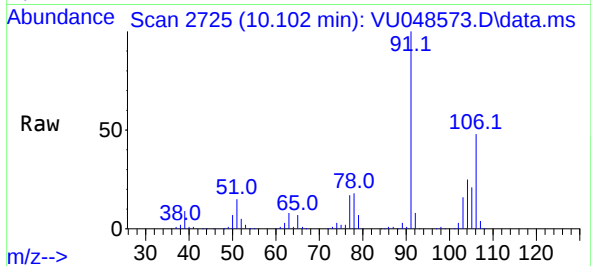
Tgt Ion:106 Resp: 208910
Ion Ratio Lower Upper
106 100
91 202.2 144.1 267.7





#54
o-Xylene
Concen: 52.012 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

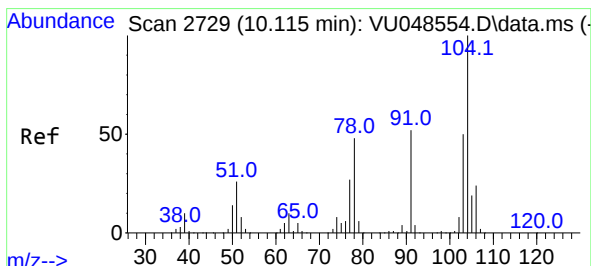
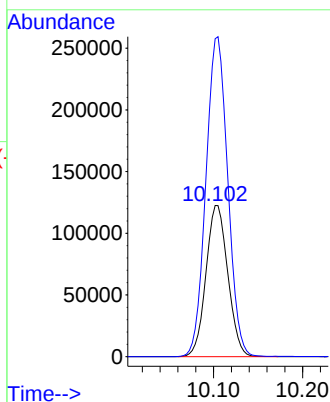
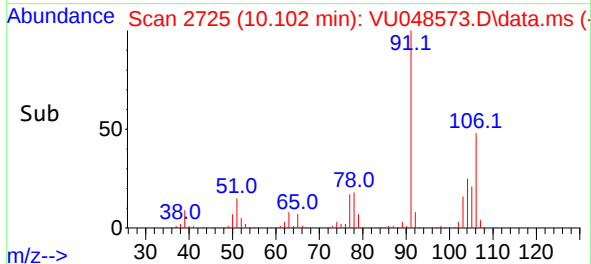
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



Tgt Ion:106 Resp: 208472
Ion Ratio Lower Upper
106 100
91 210.1 148.8 276.4

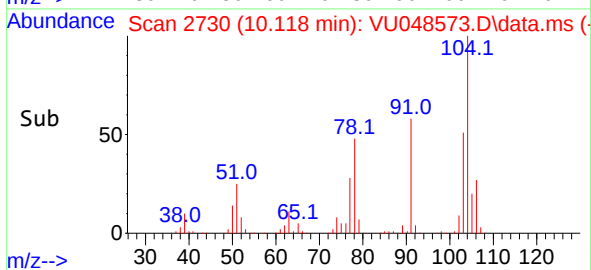
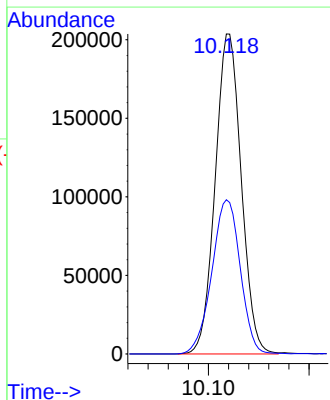
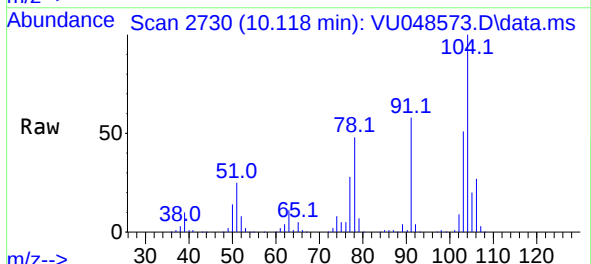
Manual Integrations
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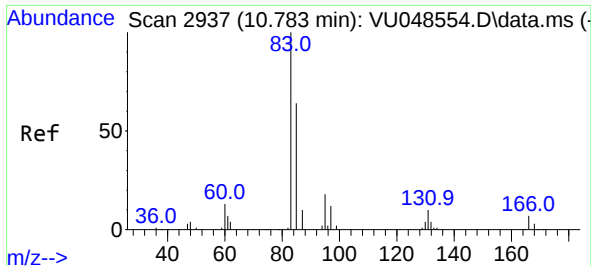
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#55
Styrene
Concen: 56.283 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion:104 Resp: 366785
Ion Ratio Lower Upper
104 100
78 48.2 33.4 62.0





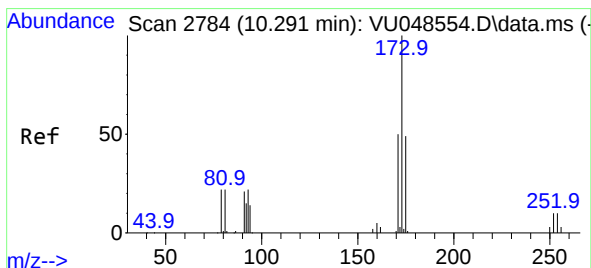
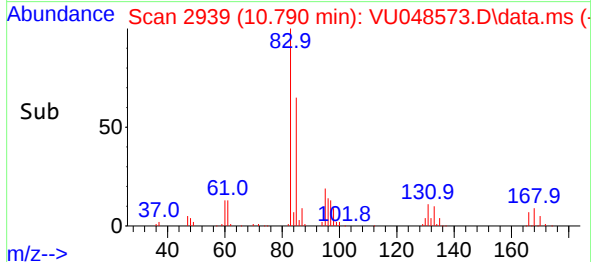
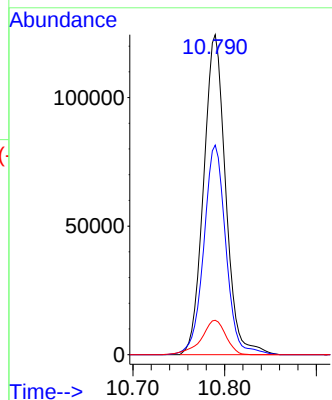
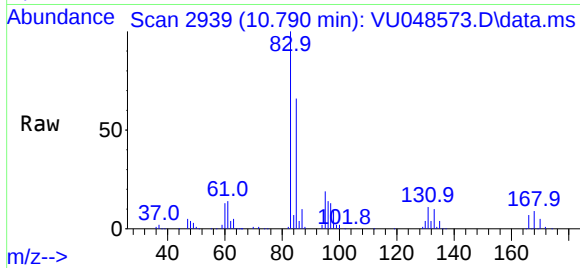
#57
1,1,2,2-Tetrachloroethane
Concen: 45.807 ug/L
RT: 10.790 min Scan# 2937
Delta R.T. 0.006 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 83 Resp: 208028
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.4
131 10.8 7.4 11.0

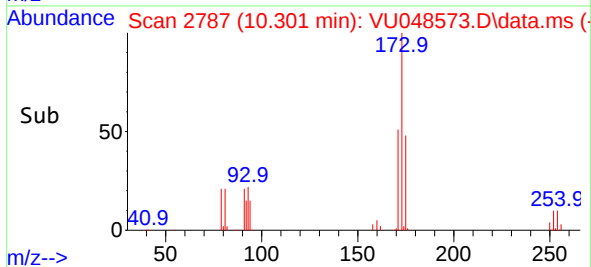
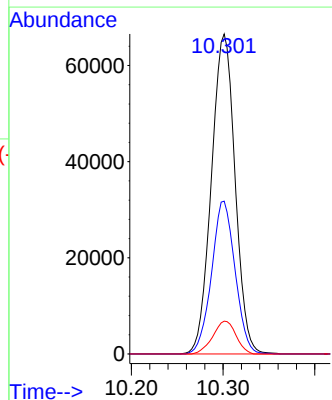
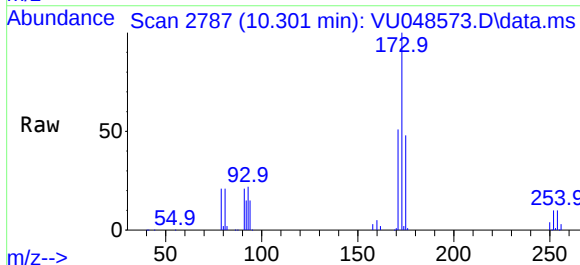
Manual Integrations
APPROVED

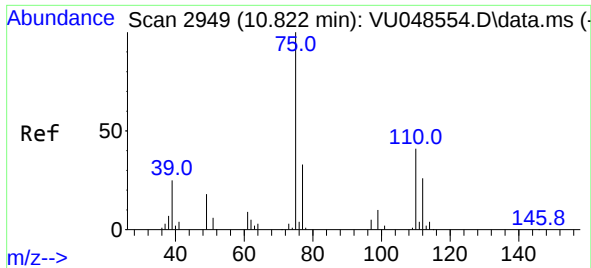
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#59
Bromoform
Concen: 48.042 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion:173 Resp: 119450
Ion Ratio Lower Upper
173 100
175 47.4 39.1 58.7
254 10.0 7.3 10.9





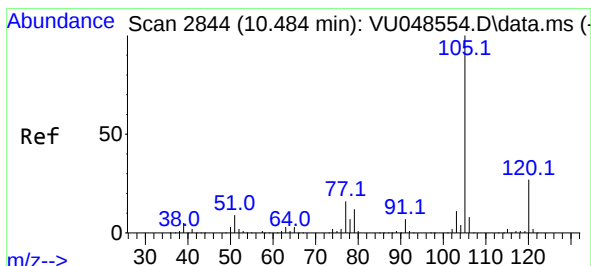
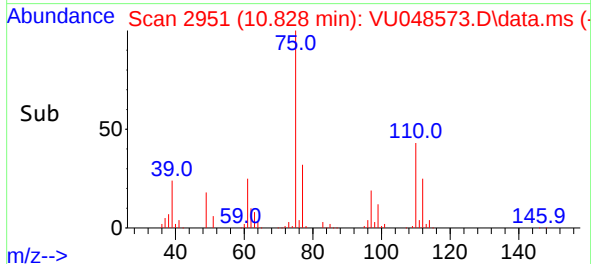
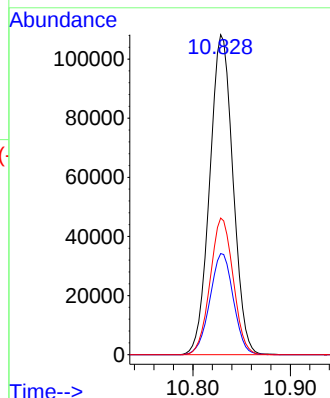
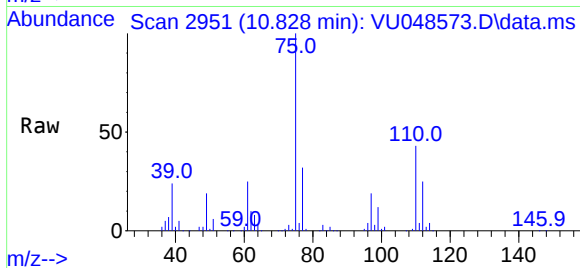
#60
1,2,3-Trichloropropane
Concen: 39.241 ug/L
RT: 10.828 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion: 75 Resp: 179578
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 42.3 28.9 43.3

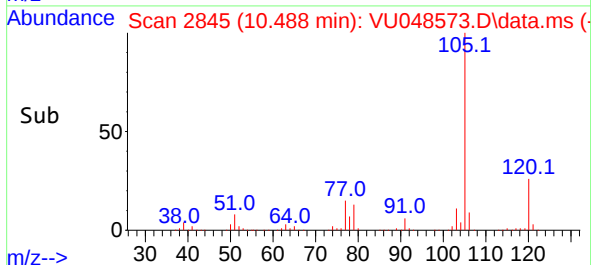
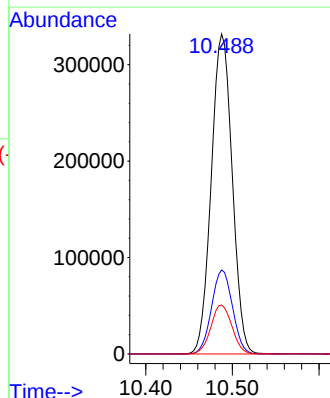
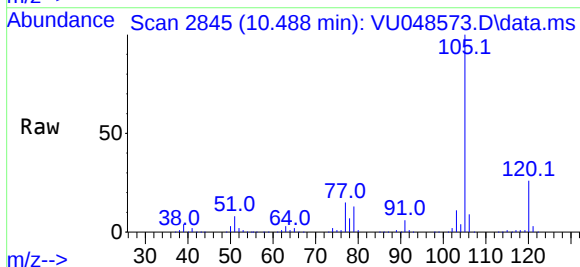
Manual Integrations
APPROVED

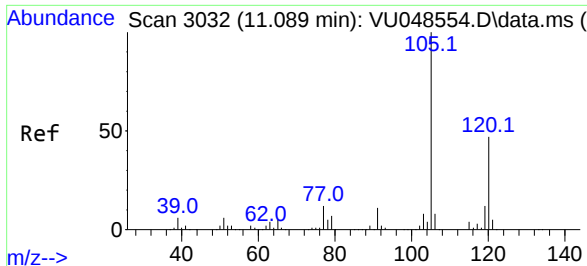
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#61
Isopropylbenzene
Concen: 45.356 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

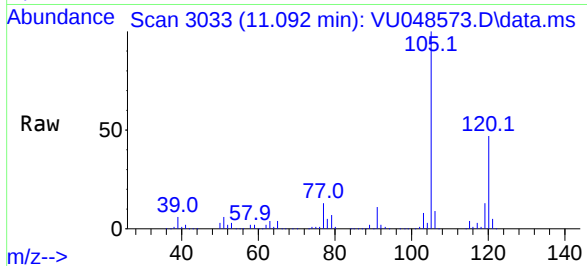
Tgt Ion:105 Resp: 557184
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.4 12.5 18.7





#62
1,3,5-Trimethylbenzene
Concen: 47.844 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

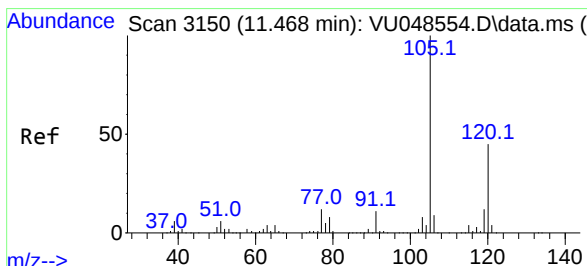
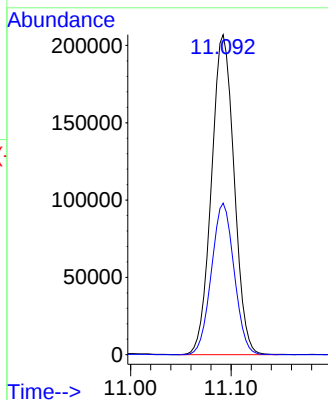
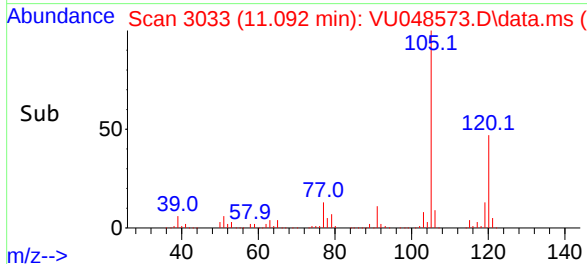
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



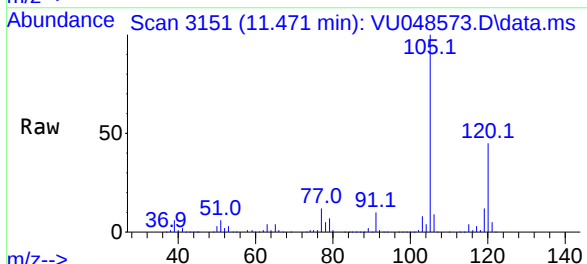
Tgt Ion:105 Resp: 32399
Ion Ratio Lower Upper
105 100
120 47.5 38.5 57.7

Manual Integrations
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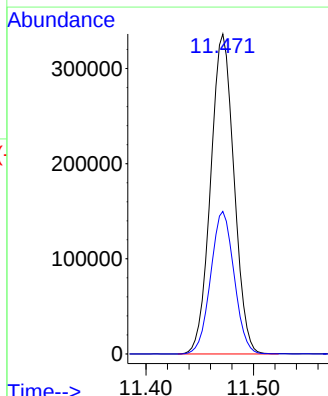
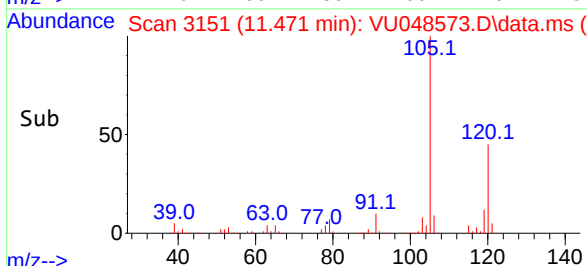
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

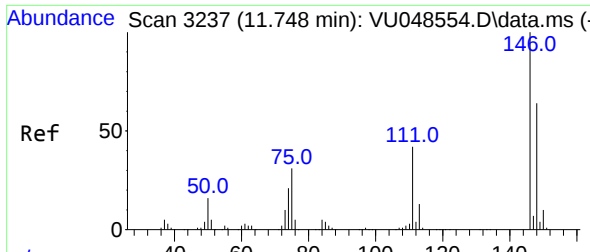


#63
1,2,4-Trimethylbenzene
Concen: 50.338 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



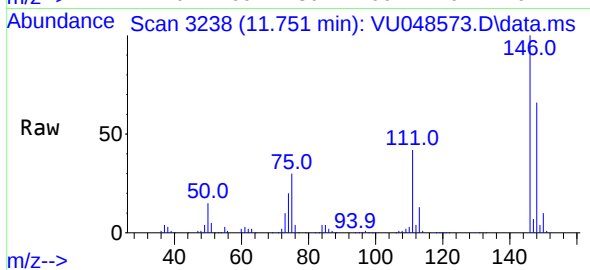
Tgt Ion:105 Resp: 507676
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.2





#64
1,3-Dichlorobenzene
Concen: 47.584 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

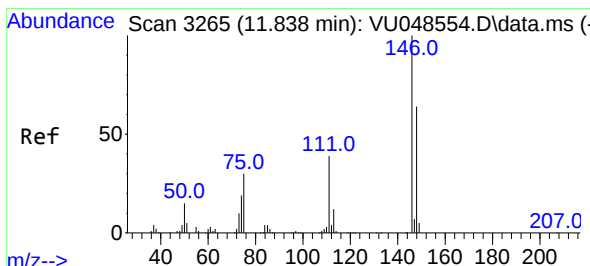
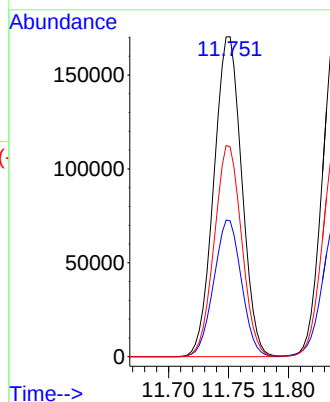
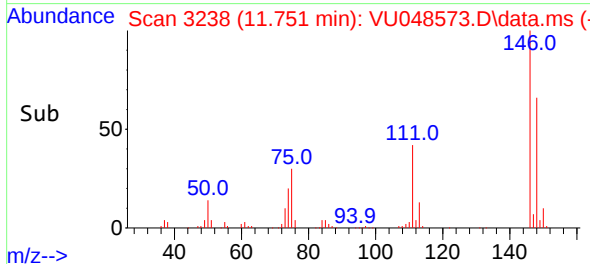
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



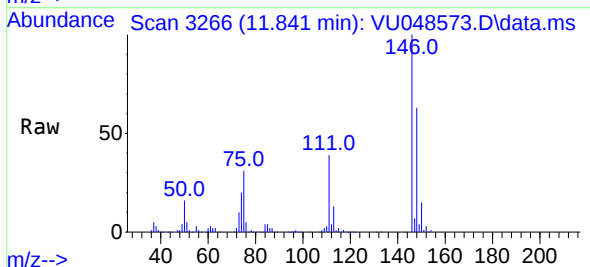
Tgt Ion:146 Resp: 27569
Ion Ratio Lower Upper
146 100
111 42.4 28.3 52.7
148 65.6 44.7 83.1

Manual Integrations
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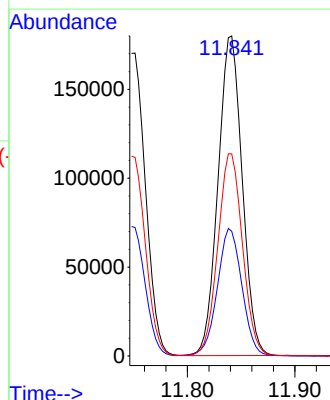
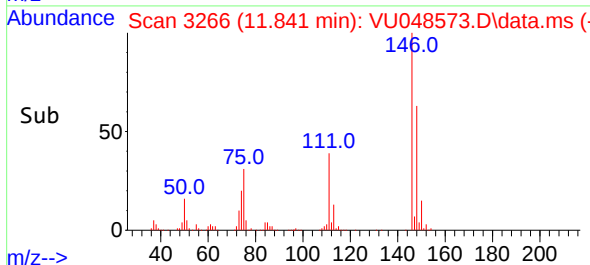
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

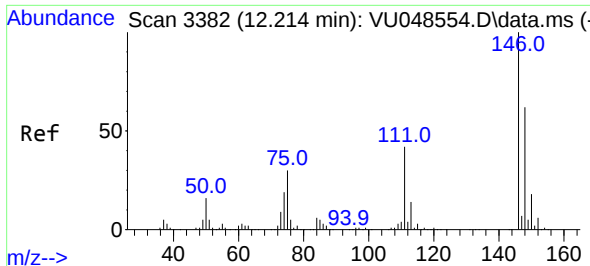


#65
1,4-Dichlorobenzene
Concen: 48.406 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion:146 Resp: 281184
Ion Ratio Lower Upper
146 100
111 39.0 28.4 52.8
148 63.1 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 46.194 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048573.D

Acq: 13 May 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

EW4F3MEMSD

Tgt Ion:146 Resp: 273890

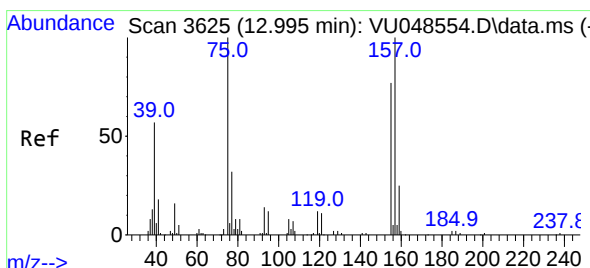
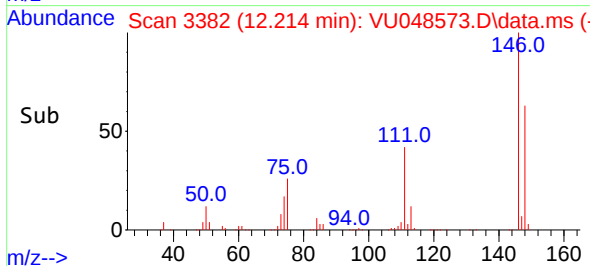
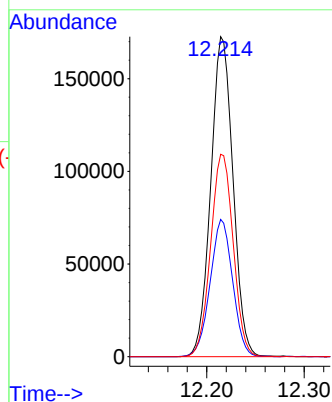
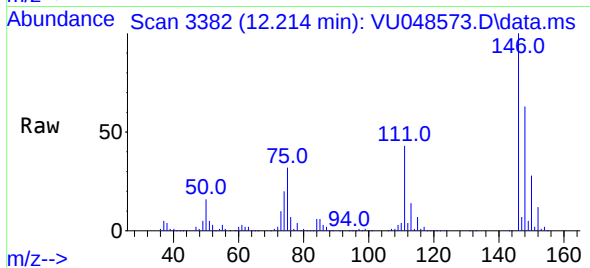
Ion	Ratio	Lower	Upper
146	100		
111	42.9	34.9	52.3
148	63.2	50.8	76.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 43.252 ug/L

RT: 12.999 min Scan# 3626

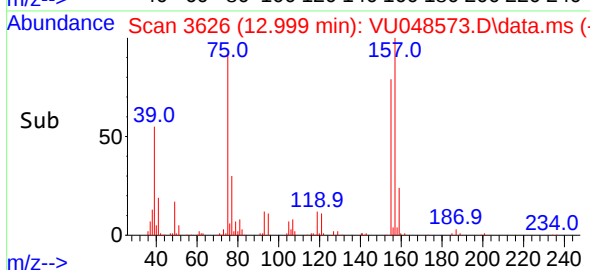
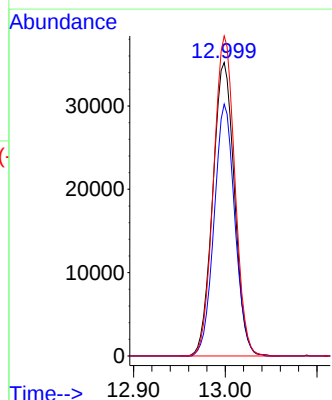
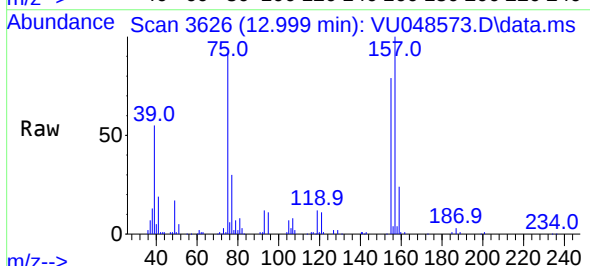
Delta R.T. 0.003 min

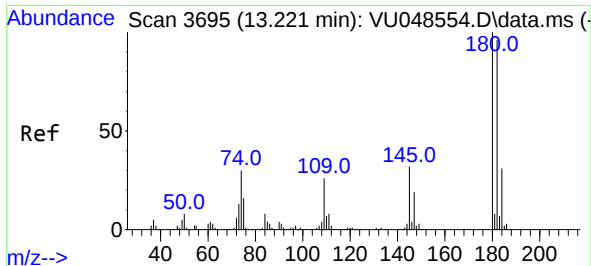
Lab File: VU048573.D

Acq: 13 May 2022 19:36

Tgt Ion: 75 Resp: 58013

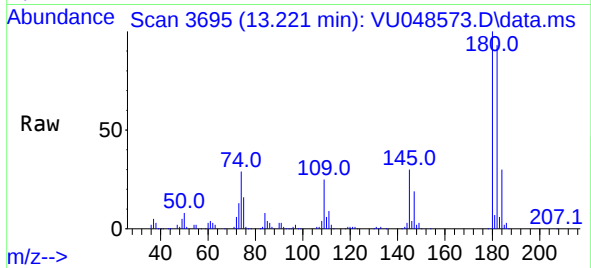
Ion	Ratio	Lower	Upper
75	100		
155	85.8	63.4	95.0
157	109.0	82.2	123.2





#69
1,3,5-Trichlorobenzene
Concen: 51.124 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

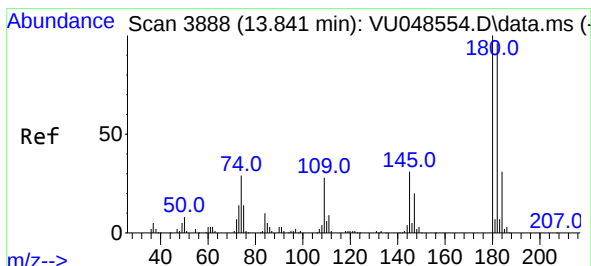
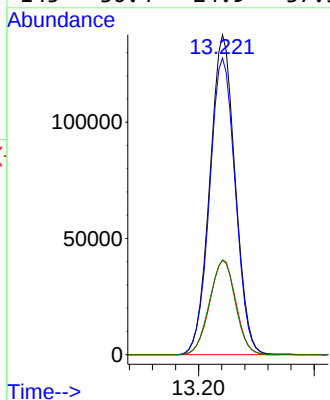
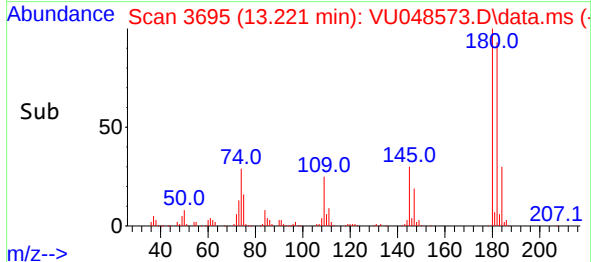
Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD



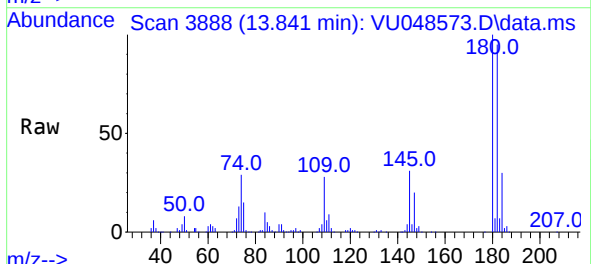
Tgt Ion:180 Resp: 209430
Ion Ratio Lower Upper
180 100
182 94.3 75.7 113.5
184 30.4 23.8 35.8
145 30.4 24.9 37.3

Manual Integrations
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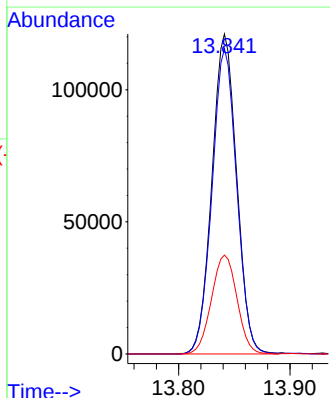
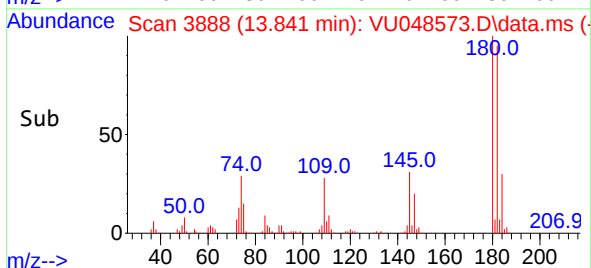
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

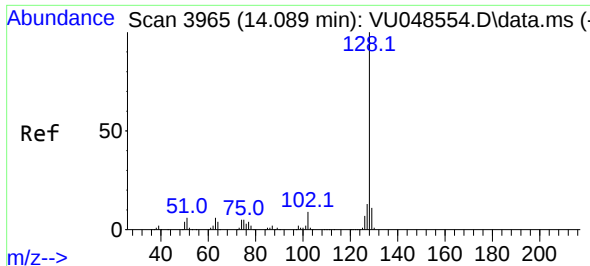


#70
1,2,4-trichlorobenzene
Concen: 52.508 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36



Tgt Ion:180 Resp: 186800
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
145 31.9 24.9 37.3





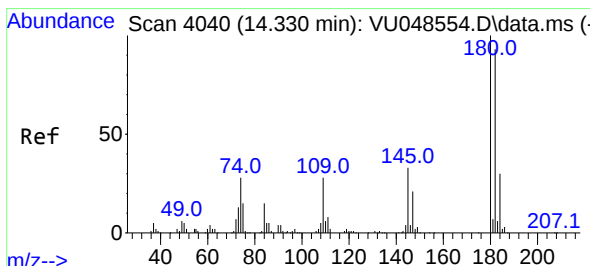
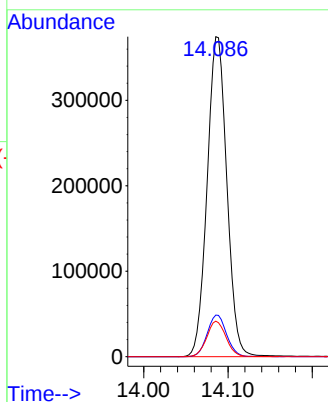
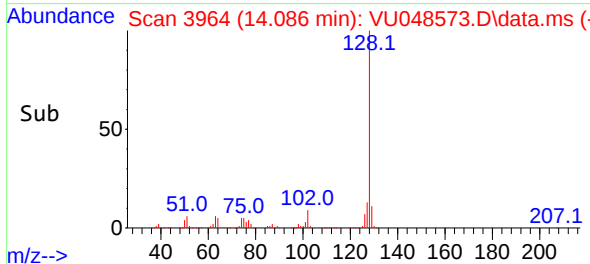
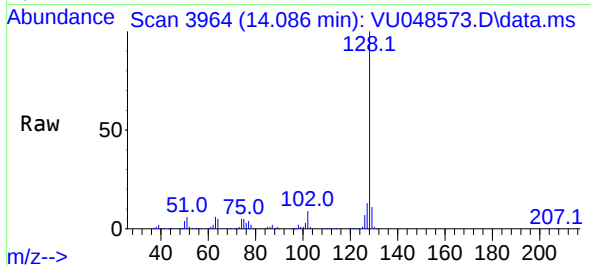
#71
Naphthalene
Concen: 44.387 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
EW4F3MEMSD

Tgt Ion:128 Resp: 608110
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichlorobenzene
Concen: 49.222 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048573.D
Acq: 13 May 2022 19:36

Tgt Ion:180 Resp: 186243
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.2
145 33.3 26.4 39.6

