

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045880.D
 Acq On : 18 Nov 2021 19:56
 Operator : SY/MD
 Sample : M4664-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4649MSD

Quant Time: Nov 19 00:56:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/19/2021
 Supervised By :Mahesh
 Dadoda
 11/19/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31718	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.916	69	24951	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.568	65	13261	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.645	46	102567	51.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.520%
24) Chloroform-d	5.067	84	60208	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.706	65	33120	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	117268	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.694	67	37643	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.899	98	104741	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.182	79	15678	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.636	63	75682	49.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35285	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	39685	4.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	34179	4.454	ug/L	99
3) Chloromethane	1.520	50	33271	4.092	ug/L	99
5) Vinyl chloride	1.604	62	156777	19.210	ug/L	99
6) Bromomethane	1.861	94	11755	2.429	ug/L	100
8) Chloroethane	1.938	64	27280m	5.862	ug/L	
9) Trichlorofluoromethane	2.141	101	49971	4.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28592	4.628	ug/L	98
12) 1,1-Dichloroethene	2.584	96	27161	4.656	ug/L	84
13) Acetone	2.665	43	58422	49.607	ug/L	95
14) Carbon disulfide	2.797	76	82410	4.467	ug/L	99
15) Methyl Acetate	2.961	43	13175	4.559	ug/L	95
16) Methylene chloride	3.051	84	31600	3.669	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	228236	15.028	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	44991	7.195	ug/L	96
19) 1,1-Dichloroethane	3.877	63	65865	5.622	ug/L	99
21) 2-Butanone	4.726	43	99913	50.422	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	44581	6.575	ug/L	98
23) Bromochloromethane	4.980	128	14867	5.031	ug/L	95
25) Chloroform	5.092	83	59641	4.693	ug/L	98

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27) 1,2-Dichloroethane	5.796	62	39375	4.855	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	49858	4.735	ug/L	99
30) Cyclohexane	5.395	56	44726	4.283	ug/L	99
31) Carbon tetrachloride	5.526	117	42400	4.788	ug/L	100
33) Benzene	5.777	78	133922	4.952	ug/L	100
34) Trichloroethene	6.542	95	32726	4.695	ug/L	97
35) Methylcyclohexane	6.767	83	48382	4.520	ug/L	98
37) 1,2-Dichloropropane	6.793	63	33703	4.735	ug/L	100
38) Bromodichloromethane	7.108	83	42203	4.806	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	46949	4.642	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	232091	49.717	ug/L	99
42) Toluene	7.973	91	137898	4.940	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42336	4.812	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	25918	4.905	ug/L	97
47) Tetrachloroethene	8.555	164	23596	4.836	ug/L	95
48) 2-Hexanone	8.687	43	175052	51.907	ug/L	99
49) Dibromochloromethane	8.812	129	29347	4.877	ug/L	95
50) 1,2-Dibromoethane	8.928	107	24571	4.936	ug/L #	96
51) Chlorobenzene	9.449	112	85803	4.900	ug/L	98
52) Ethylbenzene	9.571	91	140799	4.818	ug/L	98
53) m,p-Xylene	9.697	106	55848	4.990	ug/L	98
54) o-Xylene	10.102	106	53387	4.943	ug/L	95
55) Styrene	10.118	104	94534	5.199	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	33968	5.019	ug/L	94
59) Bromoform	10.291	173	15867	4.596	ug/L	99
60) Isopropylbenzene	10.488	105	143412	4.686	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24740	4.572	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	116377	4.651	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	118736	4.736	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	68014	4.764	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	69259	4.775	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	65109	4.757	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4902	4.354	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	49737	4.658	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	42740	4.730	ug/L	99
71) Naphthalene	14.089	128	87108	4.692	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42754	4.755	ug/L	98

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

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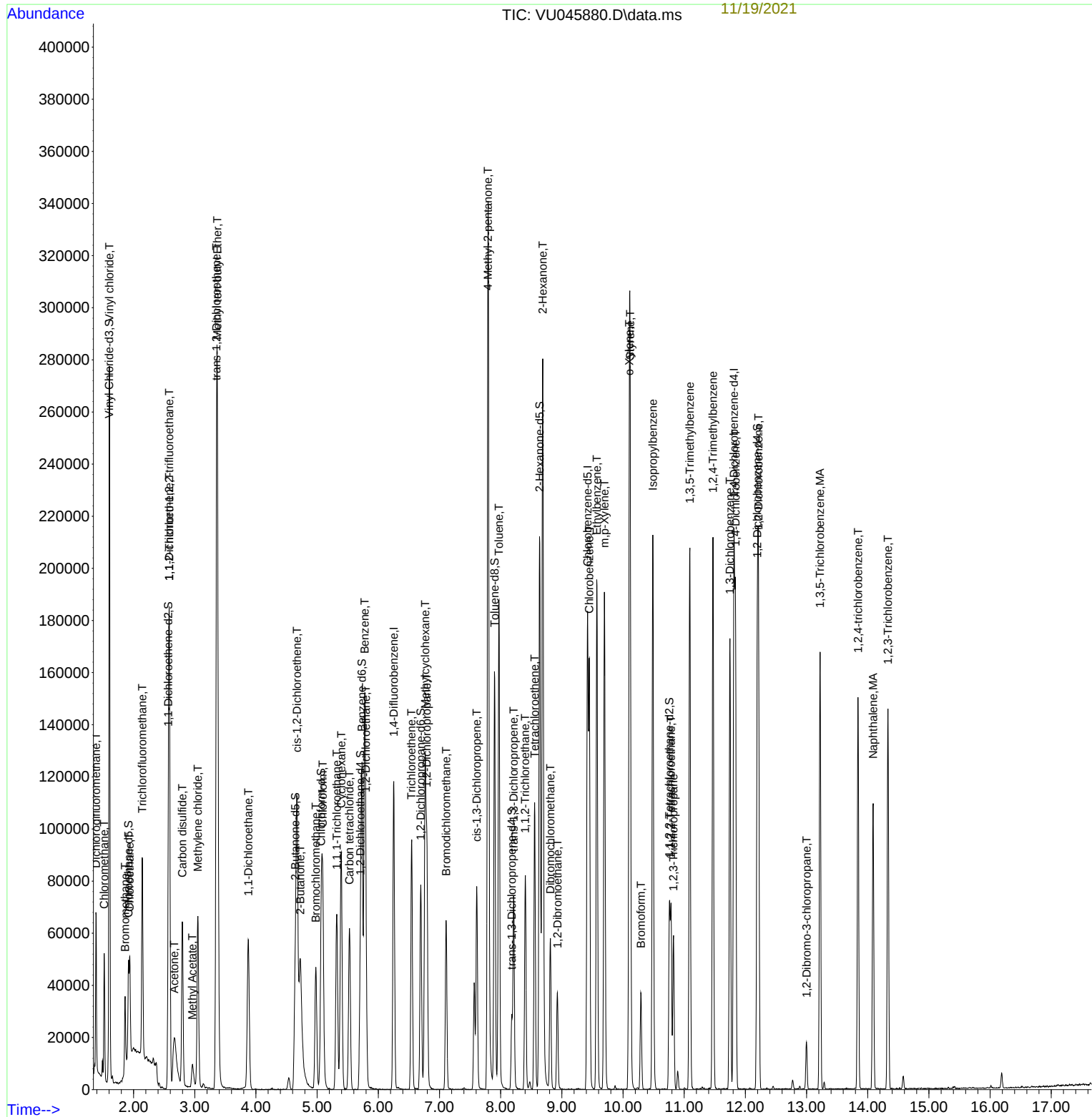
Instrument :
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 ClientSampleId :
 H4649MSD

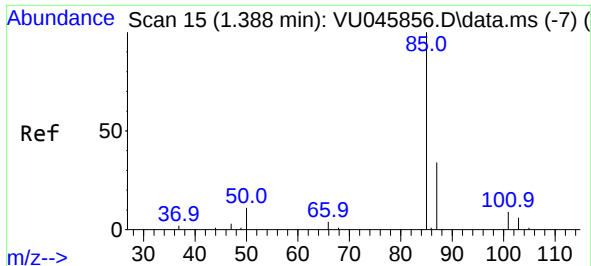
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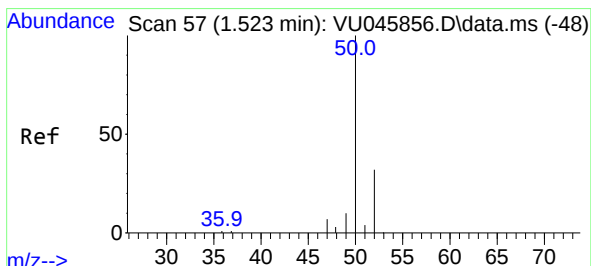
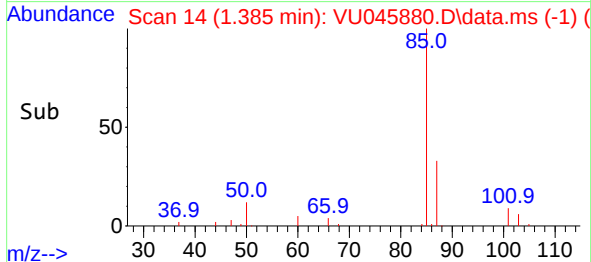
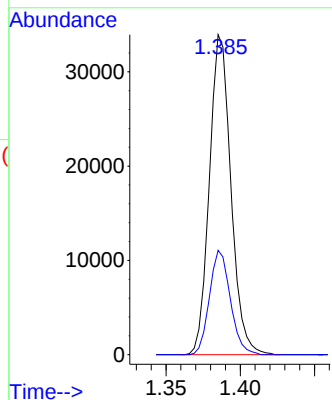
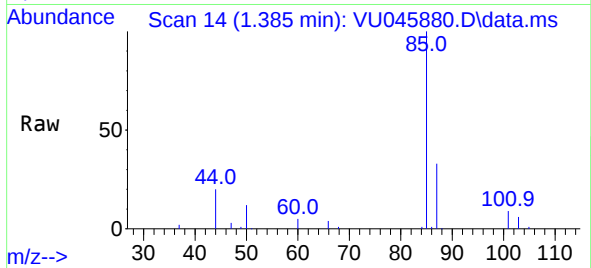
#2
Dichlorodifluoromethane
Concen: 4.454 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion: 85 Resp: 34179
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6

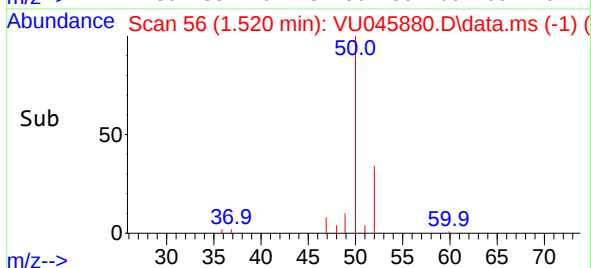
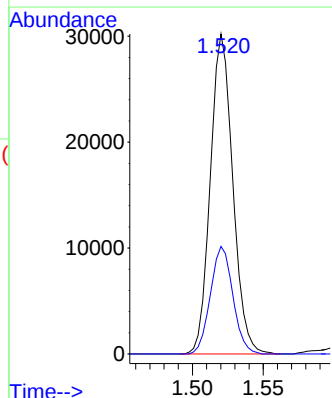
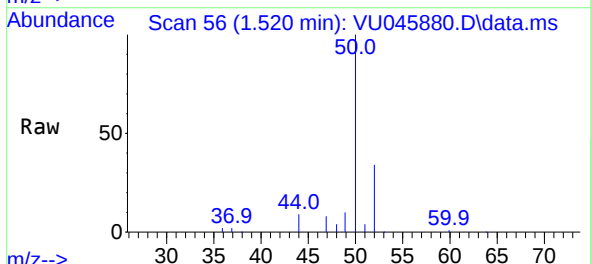
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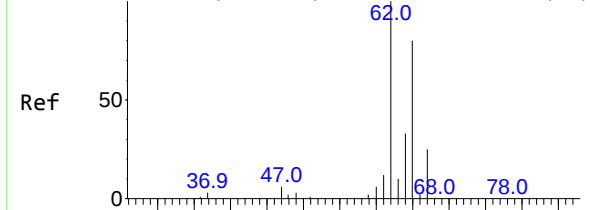


#3
Chloromethane
Concen: 4.092 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 50 Resp: 33271
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8

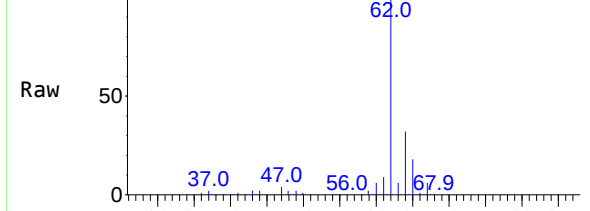


Abundance Scan 83 (1.607 min): VU045856.D\data.ms (-74)



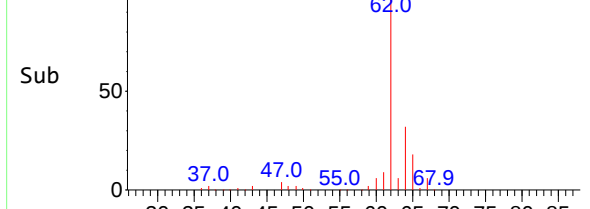
m/z-->

Abundance Scan 82 (1.604 min): VU045880.D\data.ms



m/z-->

Abundance Scan 82 (1.604 min): VU045880.D\data.ms (-1)



m/z-->

#5

Vinyl chloride

Concen: 19.210 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Tgt Ion: 62 Resp: 15677

Ion Ratio Lower Upper

62 100

64 32.0 22.9 42.5

Instrument :

MSVOA_U

ClientSampleId :

H4649MSD

Manual Integrations

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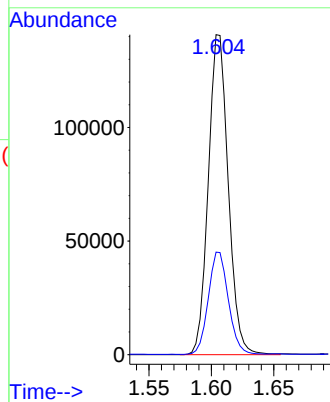
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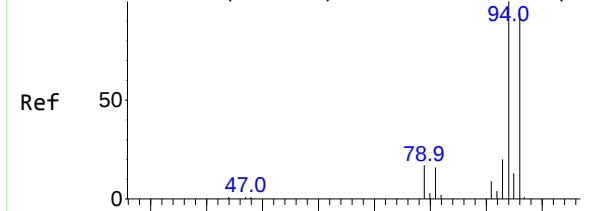
Supervised By :Mahesh

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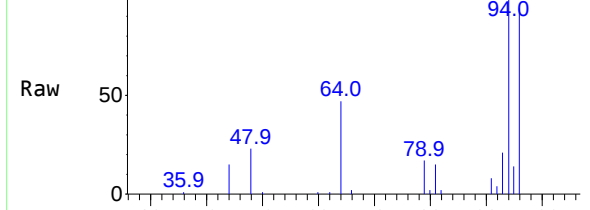


Abundance Scan 162 (1.861 min): VU045856.D\data.ms (-15)



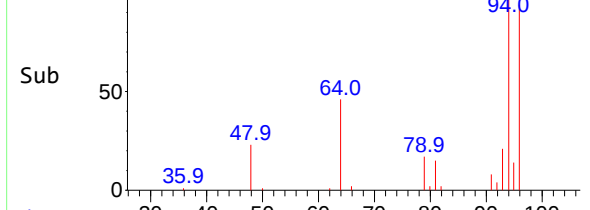
m/z-->

Abundance Scan 162 (1.861 min): VU045880.D\data.ms



m/z-->

Abundance Scan 162 (1.861 min): VU045880.D\data.ms (-69)



m/z-->

#6

Bromomethane

Concen: 2.429 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045880.D

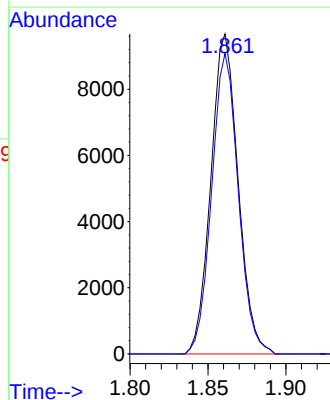
Acq: 18 Nov 2021 19:56

Tgt Ion: 94 Resp: 11755

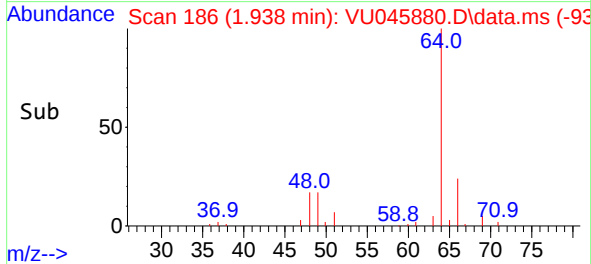
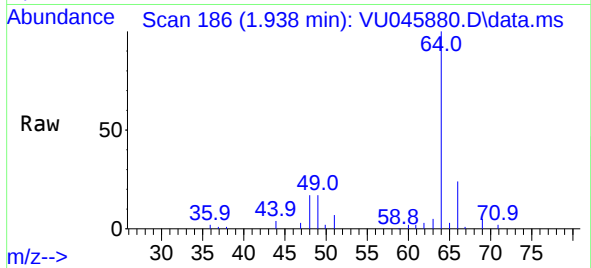
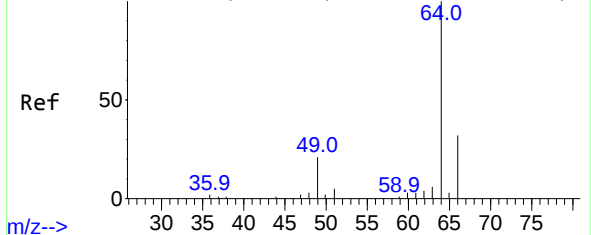
Ion Ratio Lower Upper

94 100

96 93.9 65.5 121.6



Abundance Scan 186 (1.938 min): VU045856.D\data.ms (-17



#8

Chloroethane

Concen: 5.862 ug/L m

RT: 1.938 min Scan# 186

Delta R.T. 0.000 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Tgt Ion: 64 Resp: 27280

Ion Ratio Lower Upper

64 100

66 23.8 22.1 41.1

Instrument :

MSVOA_U

ClientSampleId :

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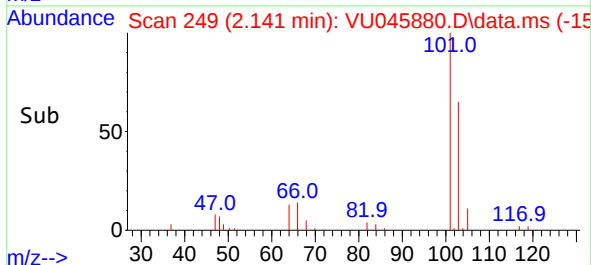
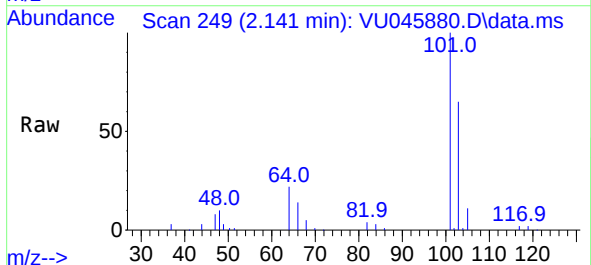
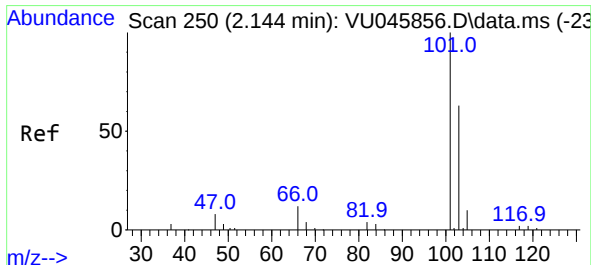
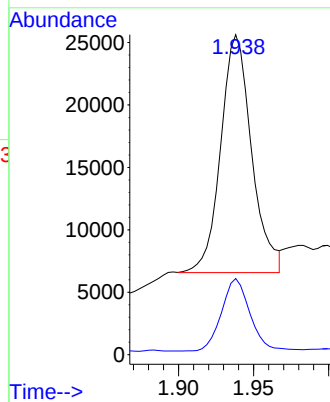
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#9

Trichlorofluoromethane

Concen: 4.743 ug/L

RT: 2.141 min Scan# 249

Delta R.T. -0.003 min

Lab File: VU045880.D

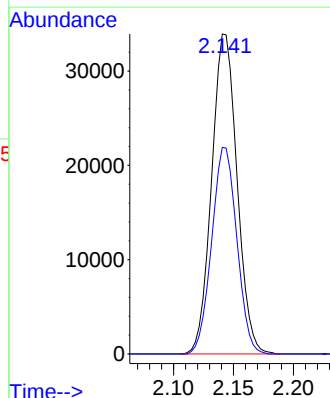
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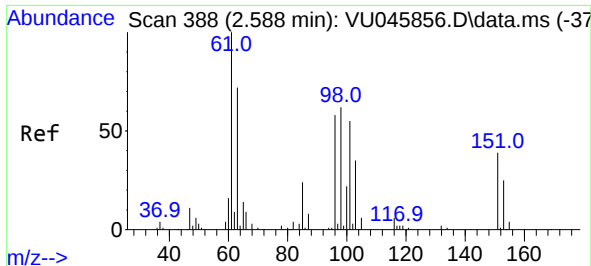
Tgt Ion:101 Resp: 49971

Ion Ratio Lower Upper

101 100

103 63.7 51.5 77.3





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.628 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045880.D
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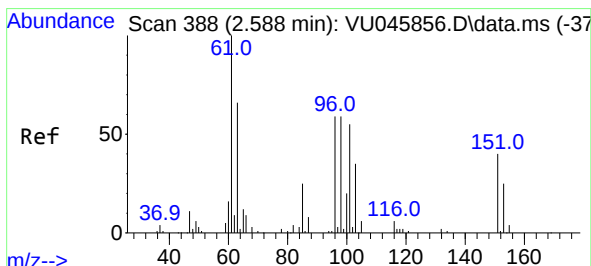
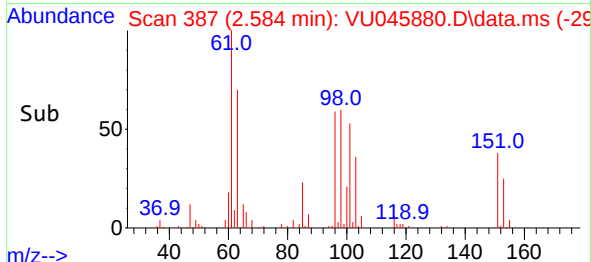
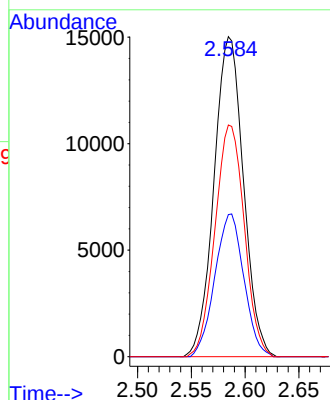
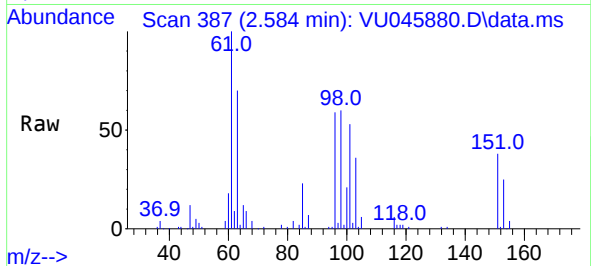
Instrument :
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Tgt Ion:101 Resp: 28592
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 72.1 56.1 84.1

Manual Integrations
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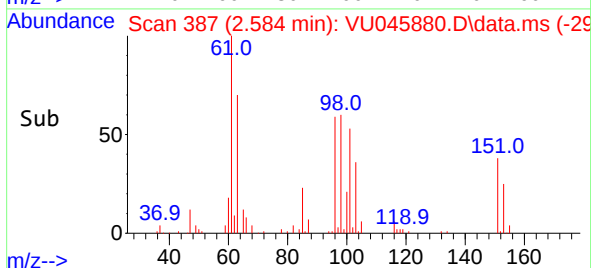
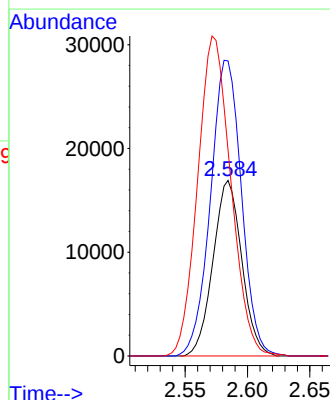
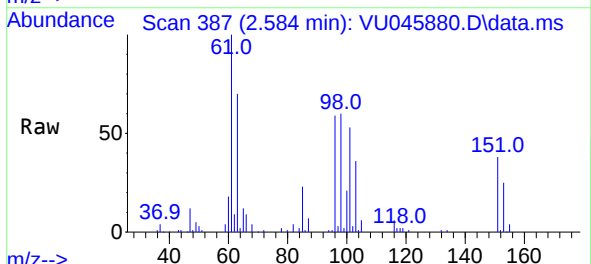
Reviewed By :John
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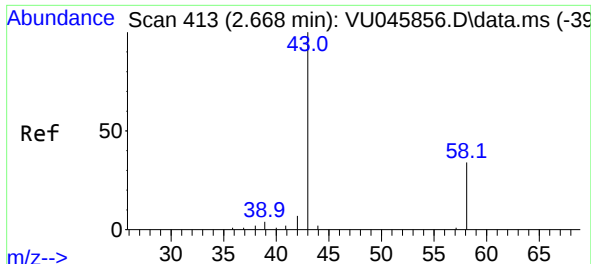
Supervised By :Mahesh
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11/19/2021



#12
1,1-Dichloroethene
Concen: 4.656 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 96 Resp: 27161
Ion Ratio Lower Upper
96 100
61 168.1 124.7 231.5
63 117.3 105.2 195.4





#13
Acetone
Concen: 49.607 ug/L
RT: 2.665 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045880.D
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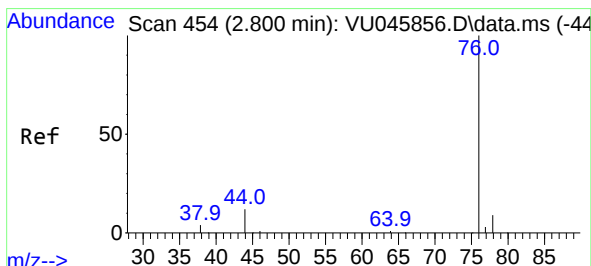
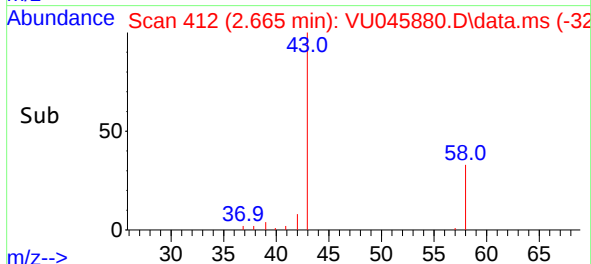
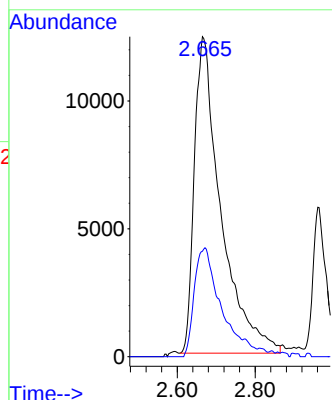
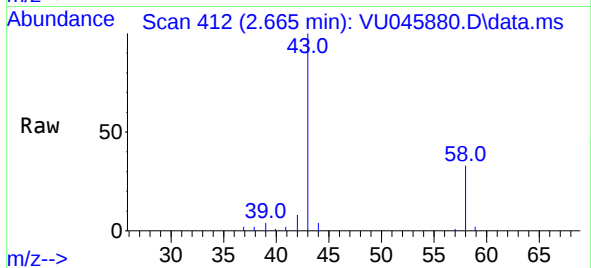
Instrument :
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H4649MSD

Tgt Ion: 43 Resp: 5842
Ion Ratio Lower Upper
43 100
58 32.9 0.0 71.6

Manual Integrations
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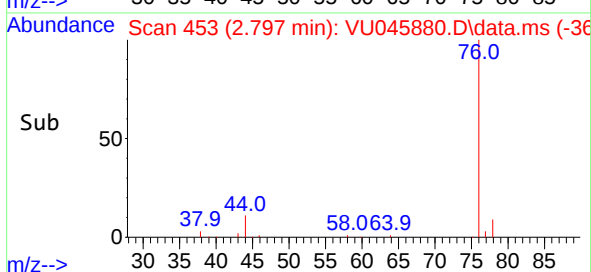
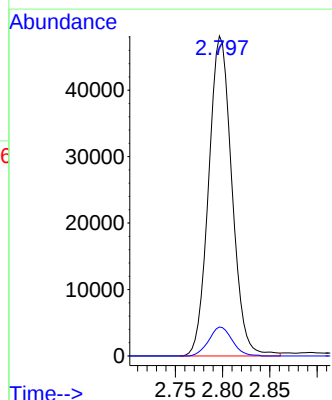
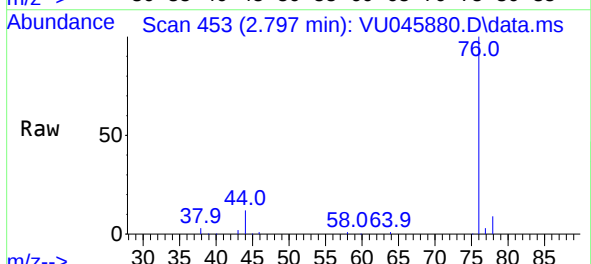
Reviewed By :John
Carlone
11/19/2021

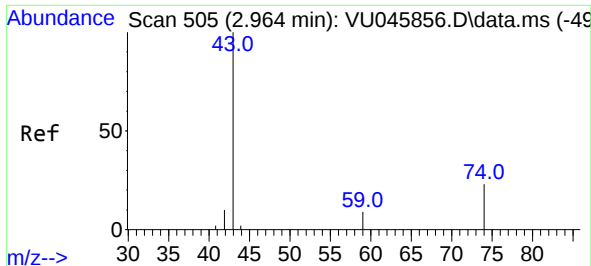
Supervised By :Mahesh
Dadoda
11/19/2021



#14
Carbon disulfide
Concen: 4.467 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 76 Resp: 82410
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





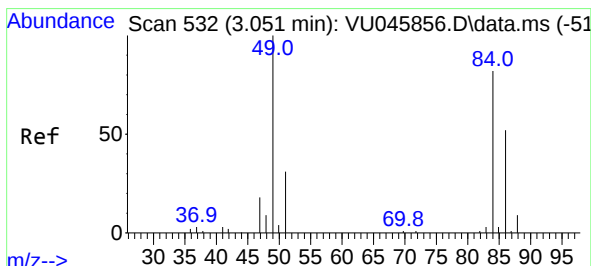
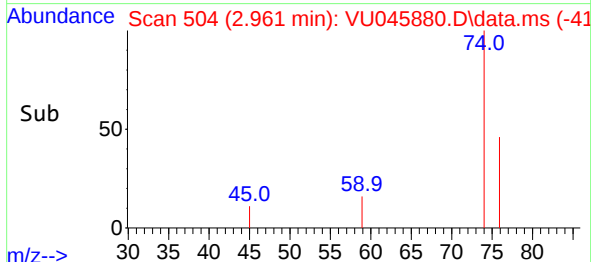
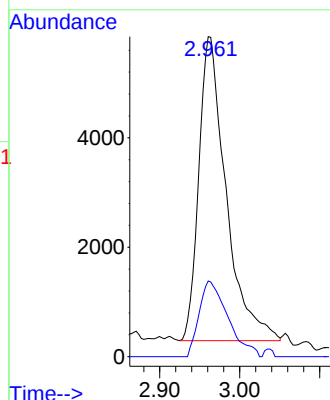
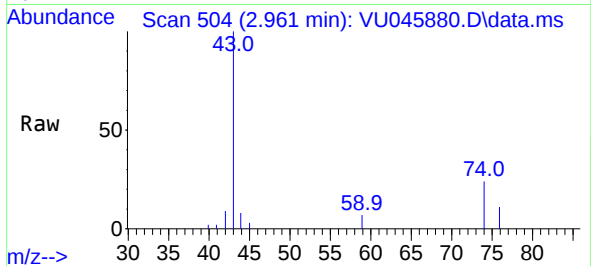
#15
Methyl Acetate
Concen: 4.559 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
74 26.1 19.1 28.7

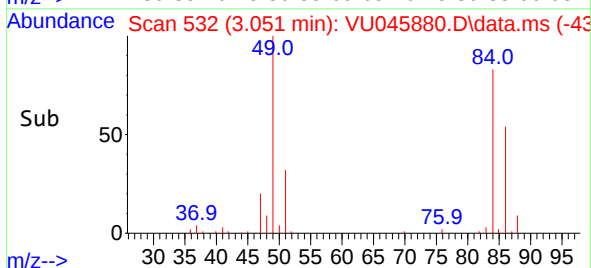
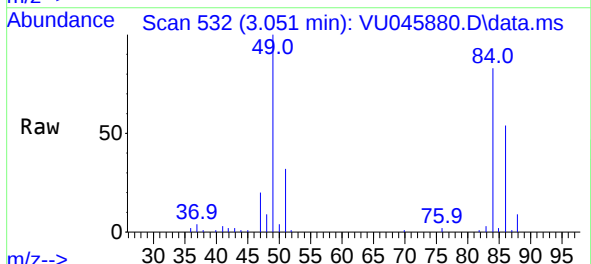
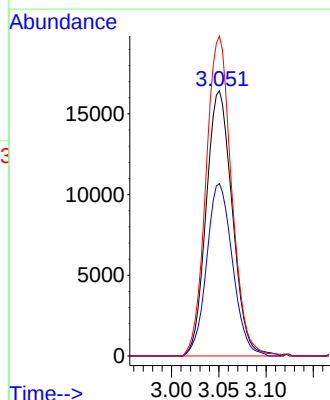
Manual Integrations
APPROVED

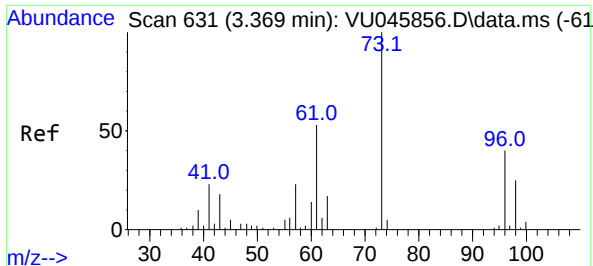
Reviewed By :John
Carlone
11/19/2021
Supervised By :Mahesh
Dadoda
11/19/2021



#16
Methylene chloride
Concen: 3.669 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

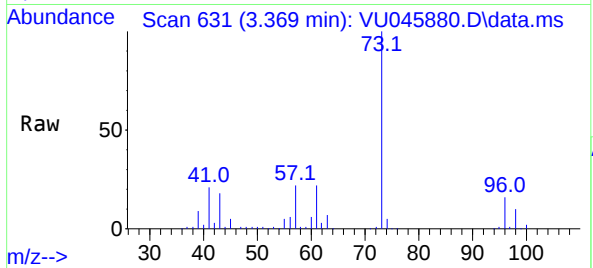
Tgt Ion: 84 Resp: 31600
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 120.6 84.5 156.9





#17
Methyl tert-butyl Ether
Concen: 15.028 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

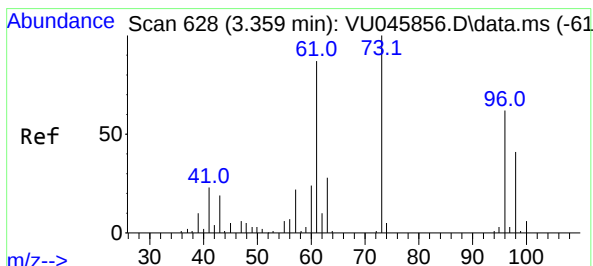
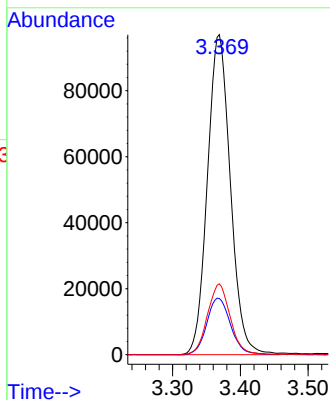
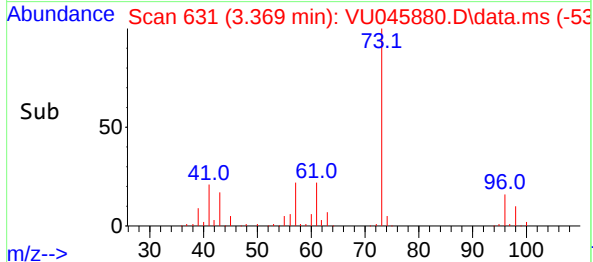


Tgt Ion: 73 Resp: 228230
Ion Ratio Lower Upper
73 100
43 18.3 14.8 22.2
57 21.9 17.4 26.0

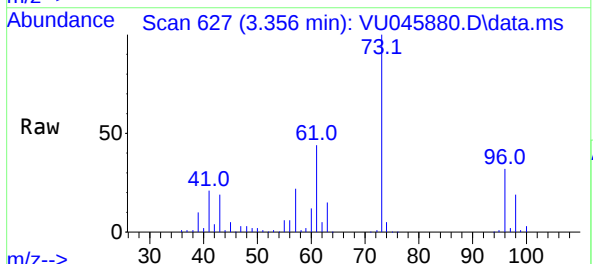
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/19/2021

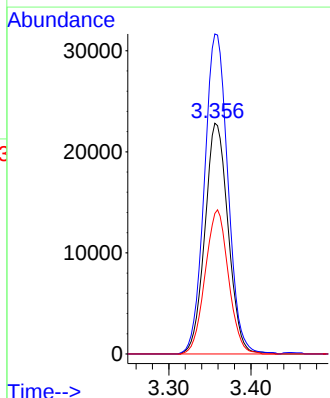
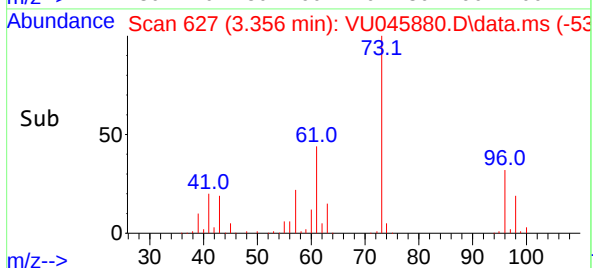
Supervised By :Mahesh
Dadoda
11/19/2021

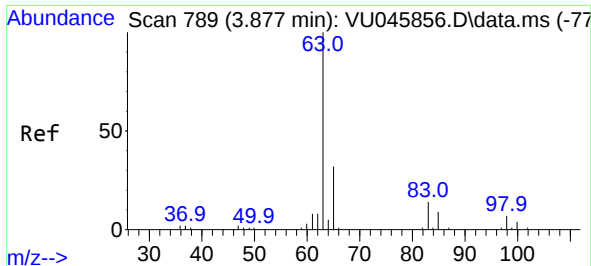


#18
trans-1,2-Dichloroethene
Concen: 7.195 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56



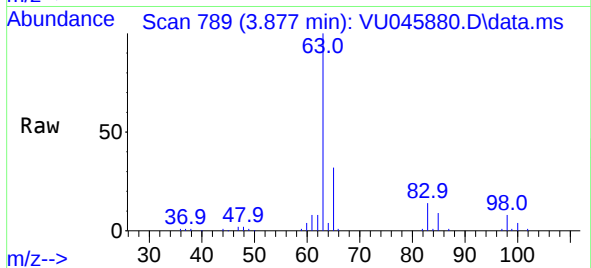
Tgt Ion: 96 Resp: 44991
Ion Ratio Lower Upper
96 100
61 138.7 100.8 187.2
98 60.9 45.1 83.7





#19
1,1-Dichloroethane
Concen: 5.622 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

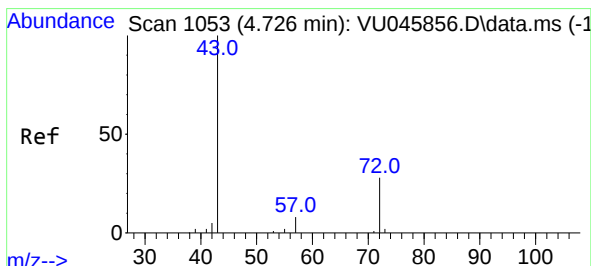
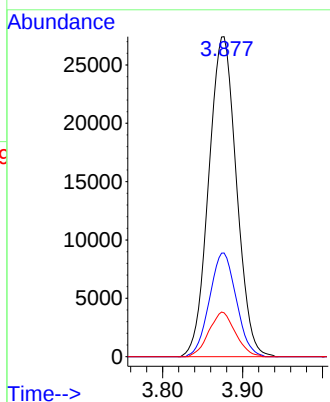
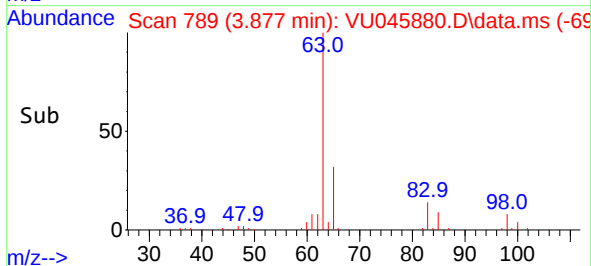


Tgt Ion: 63 Resp: 6586
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.5
83 13.7 9.6 17.8

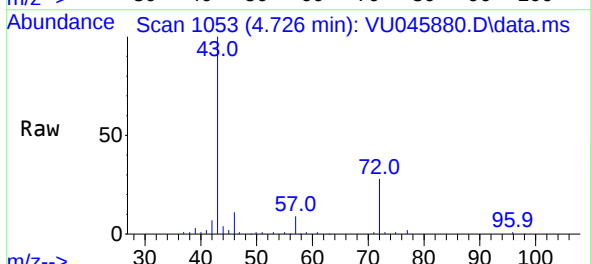
Manual Integrations
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Reviewed By :John
Carlone
11/19/2021

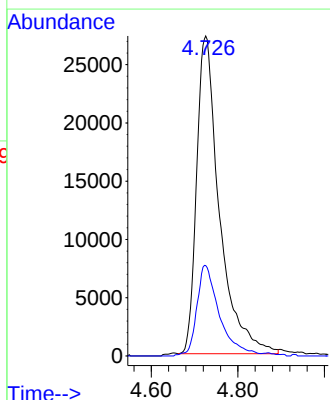
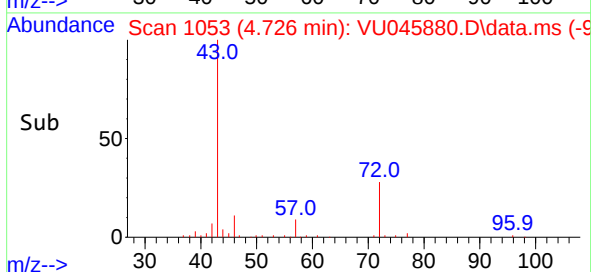
Supervised By :Mahesh
Dadoda
11/19/2021

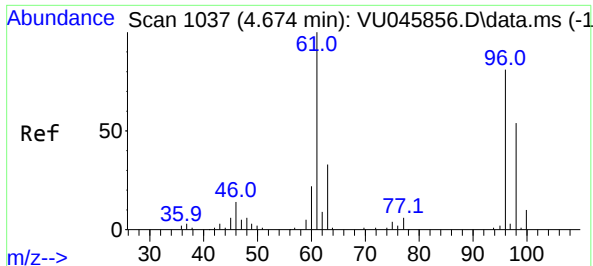


#21
2-Butanone
Concen: 50.422 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56



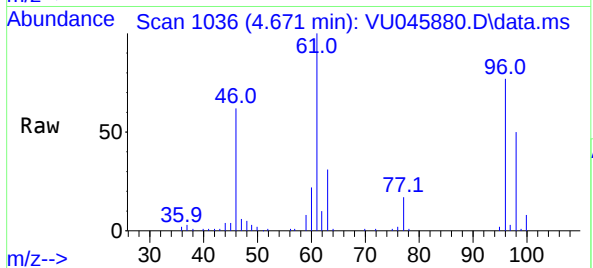
Tgt Ion: 43 Resp: 99913
Ion Ratio Lower Upper
43 100
72 28.2 14.1 42.3





#22
cis-1,2-Dichloroethene
Concen: 6.575 ug/L
RT: 4.671 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

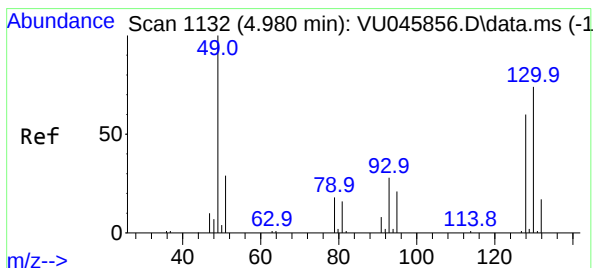
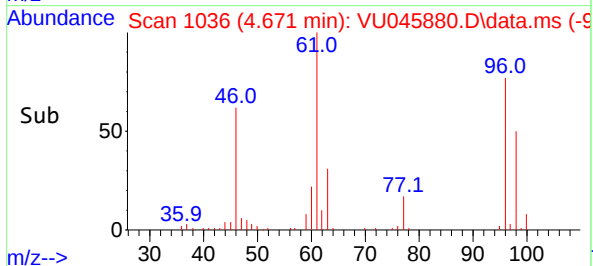
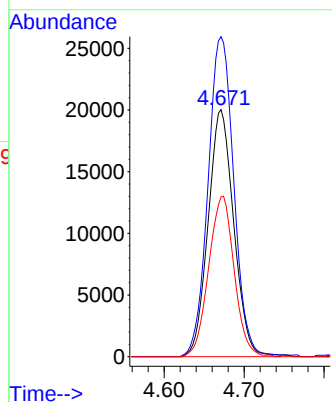


Tgt Ion: 96 Resp: 4458
Ion Ratio Lower Upper
96 100
61 129.5 88.5 164.3
98 64.6 44.4 82.5

Manual Integrations
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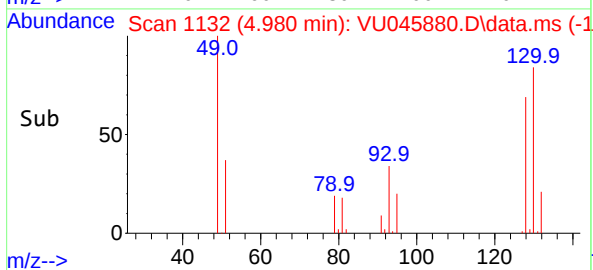
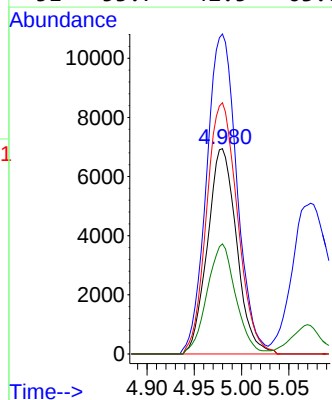
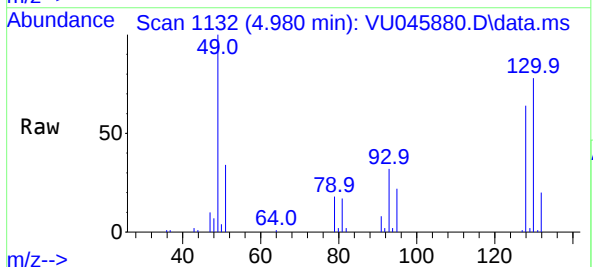
Reviewed By :John
Carlone
11/19/2021

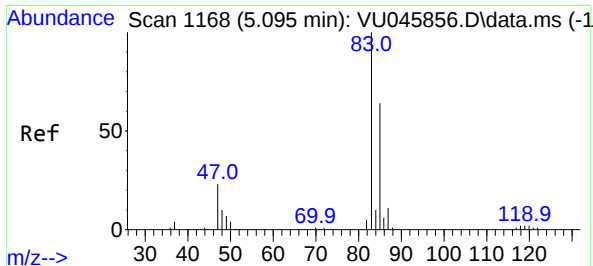
Supervised By :Mahesh
Dadoda
11/19/2021



#23
Bromochloromethane
Concen: 5.031 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion:128 Resp: 14867
Ion Ratio Lower Upper
128 100
49 155.9 117.0 217.2
130 122.4 88.2 163.8
51 53.7 42.5 63.7





#25

Chloroform

Concen: 4.693 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Instrument :

MSVOA_U

ClientSampleId :

H4649MSD

Tgt Ion: 83 Resp: 5964
 Ion Ratio Lower Upper
 83 100
 85 65.5 46.9 87.1

Manual Integrations
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Reviewed By :John

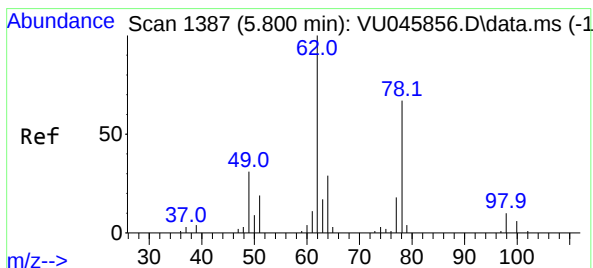
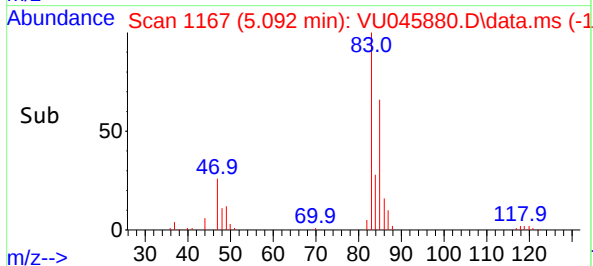
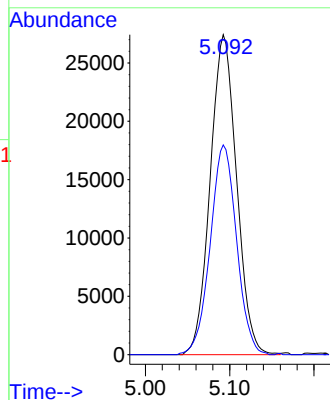
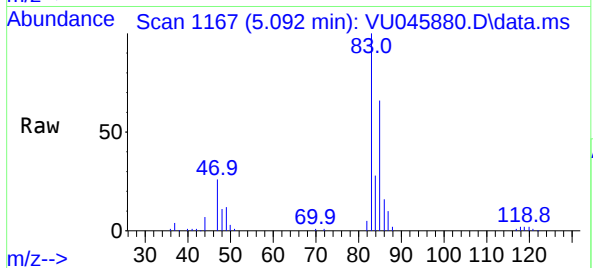
Carlone

11/19/2021

Supervised By :Mahesh

Dadoda

11/19/2021



#27

1,2-Dichloroethane

Concen: 4.855 ug/L

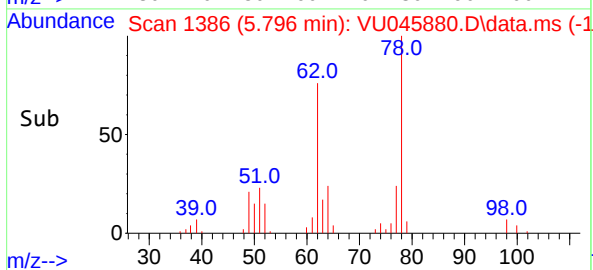
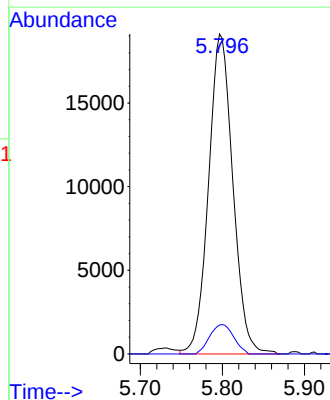
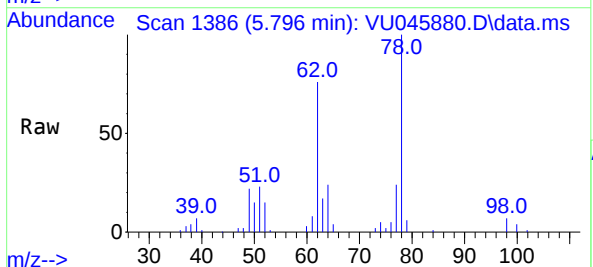
RT: 5.796 min Scan# 1386

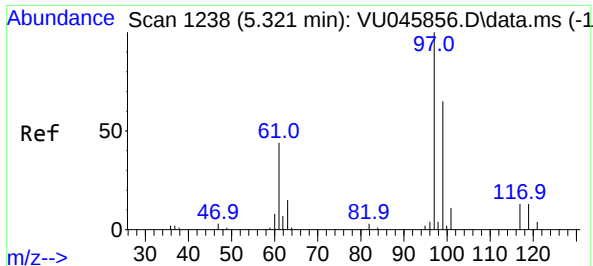
Delta R.T. -0.003 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

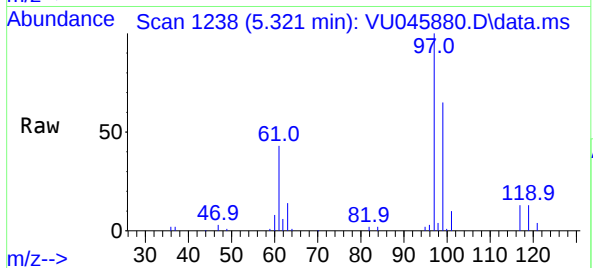
Tgt Ion: 62 Resp: 39375
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.8 11.8





#29
1,1,1-Trichloroethane
Concen: 4.735 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

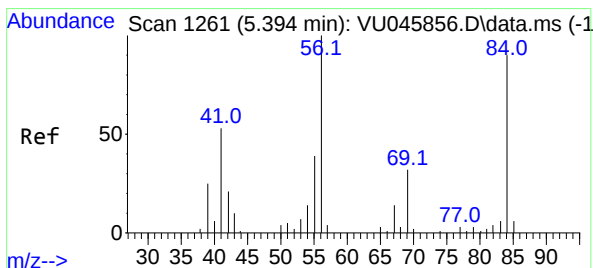
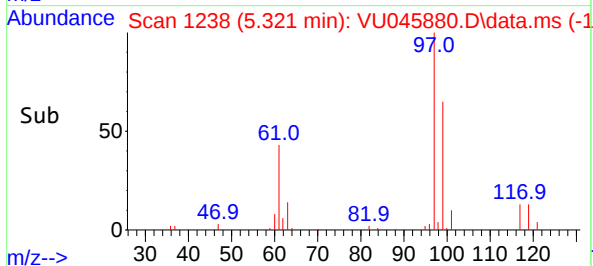
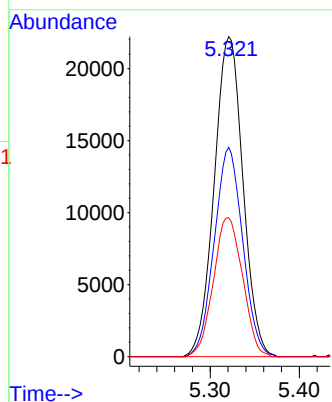


Tgt Ion: 97 Resp: 4985
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.1 36.1 54.1

Manual Integrations
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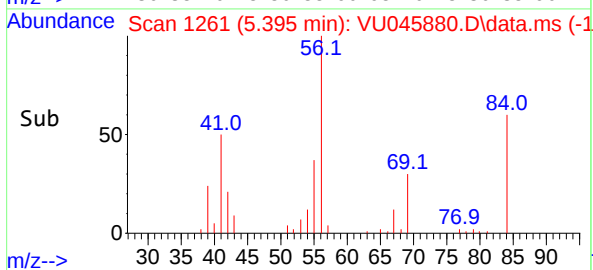
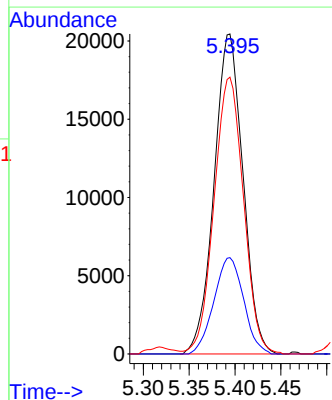
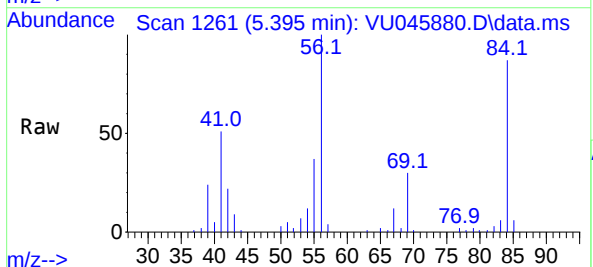
Reviewed By :John
Carlone
11/19/2021

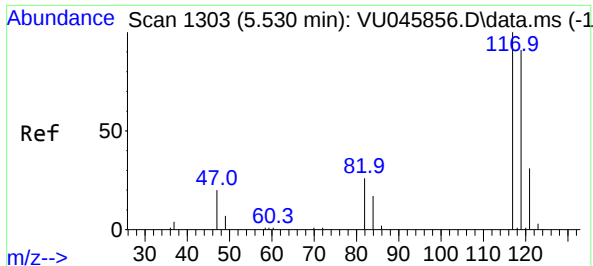
Supervised By :Mahesh
Dadoda
11/19/2021



#30
Cyclohexane
Concen: 4.283 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 56 Resp: 44726
Ion Ratio Lower Upper
56 100
69 31.0 24.7 37.1
84 88.4 71.8 107.6





#31
Carbon tetrachloride
Concen: 4.788 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

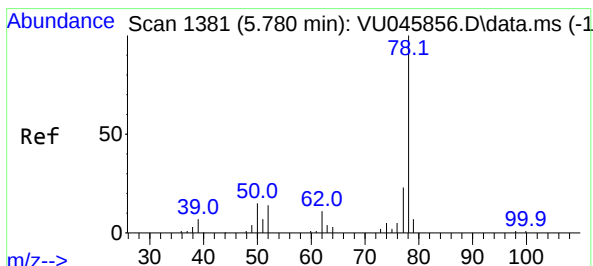
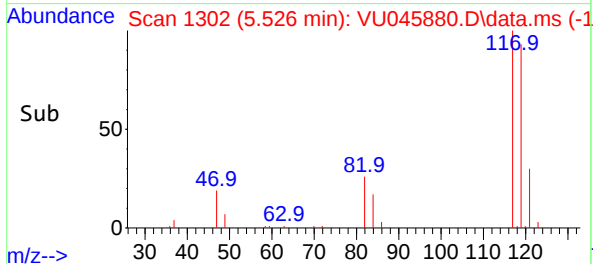
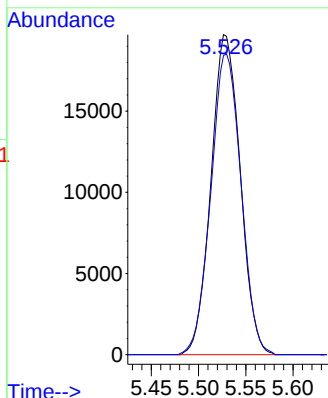
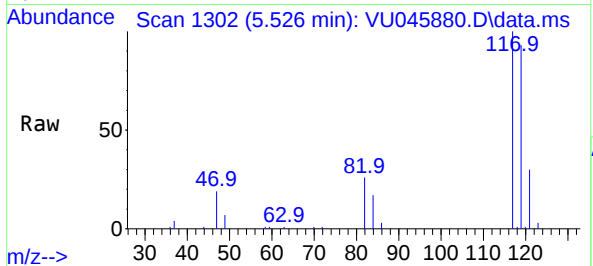
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion:117 Resp: 42400
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3

Manual Integrations
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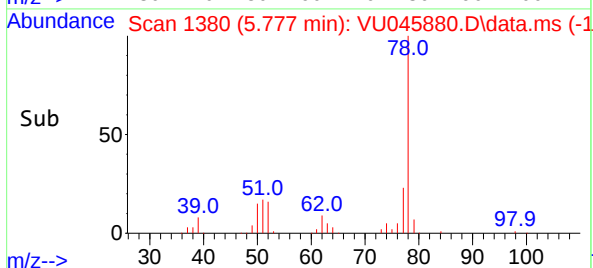
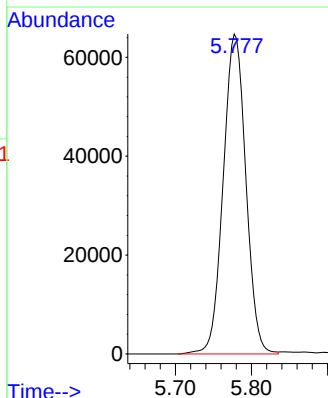
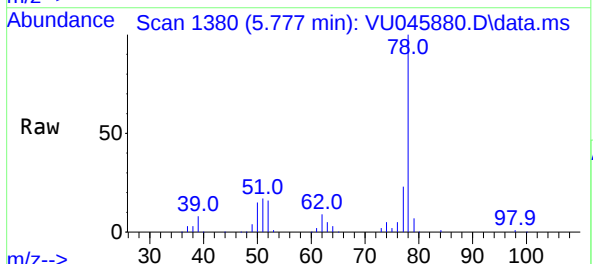
Reviewed By :John
Carlone
11/19/2021

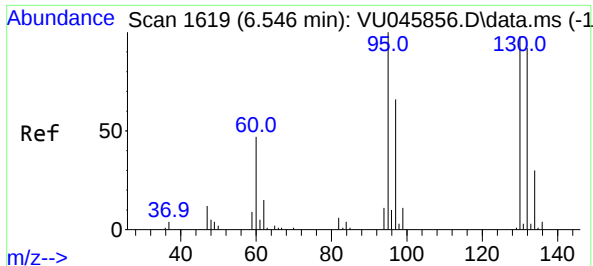
Supervised By :Mahesh
Dadoda
11/19/2021



#33
Benzene
Concen: 4.952 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

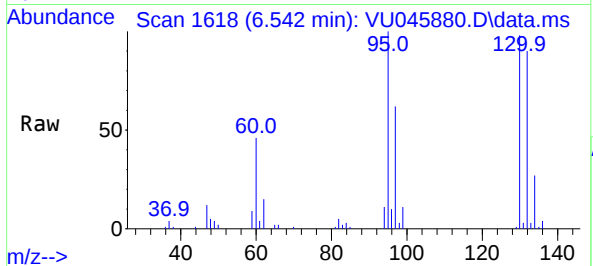
Tgt Ion: 78 Resp: 133922





#34
Trichloroethene
Concen: 4.695 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

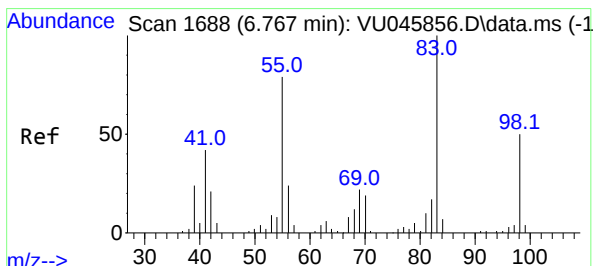
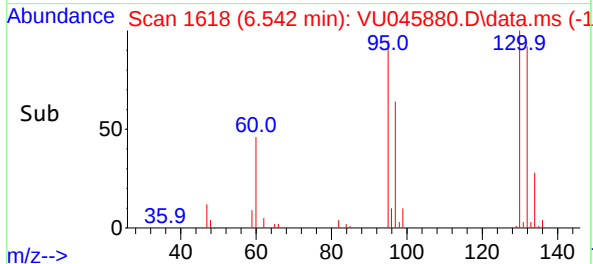
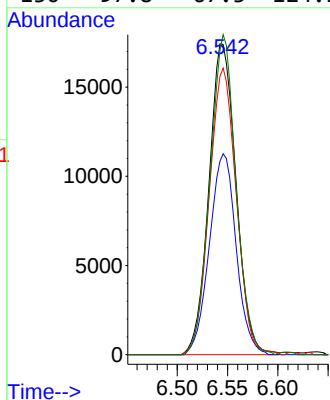
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD



Tgt Ion: 95 Resp: 32720
Ion Ratio Lower Upper
95 100
97 62.2 46.5 86.5
132 89.6 65.1 120.9
130 97.8 67.3 124.9

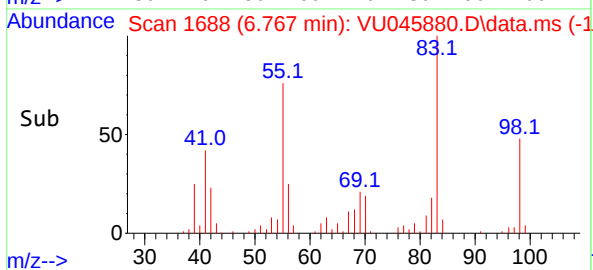
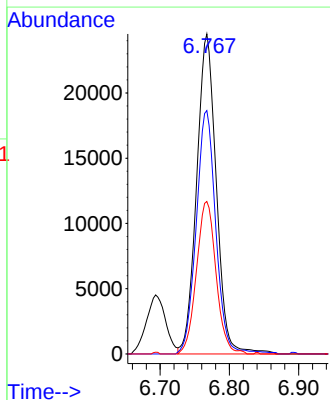
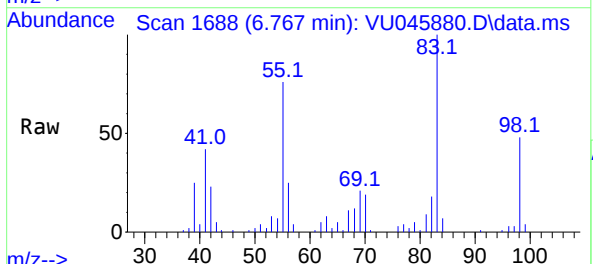
Manual Integrations
APPROVED

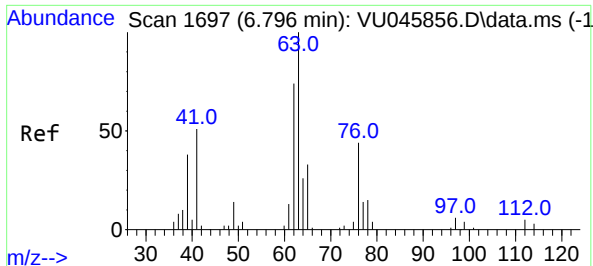
Reviewed By :John
Carlone
11/19/2021
Supervised By :Mahesh
Dadoda
11/19/2021



#35
Methylcyclohexane
Concen: 4.520 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 83 Resp: 48382
Ion Ratio Lower Upper
83 100
55 76.0 61.9 92.9
98 47.6 39.0 58.6





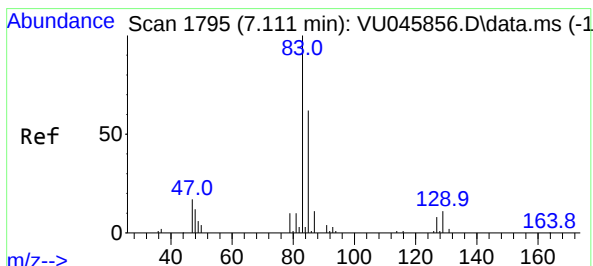
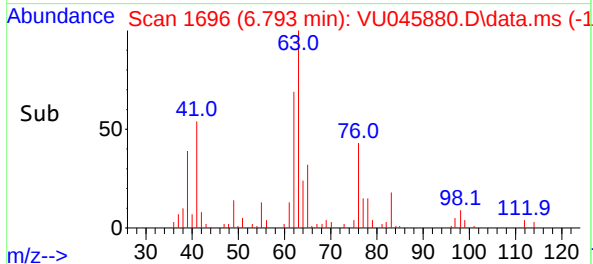
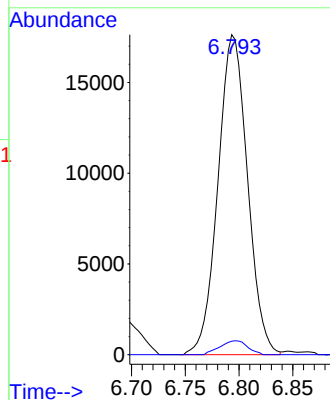
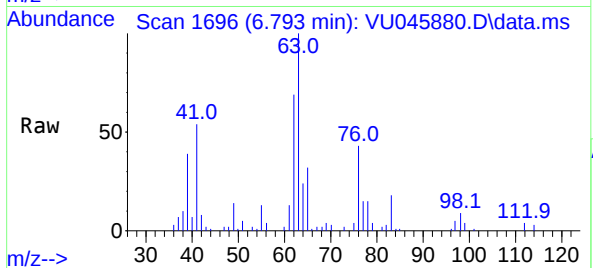
#37
1,2-Dichloropropane
Concen: 4.735 ug/L
RT: 6.793 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion: 63 Resp: 3370
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

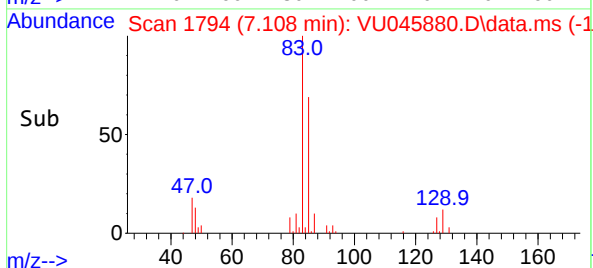
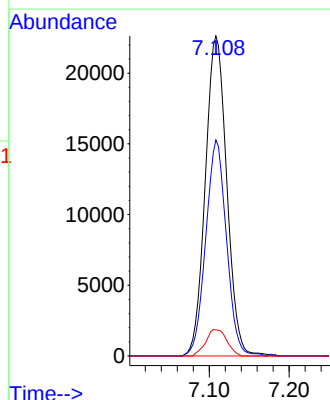
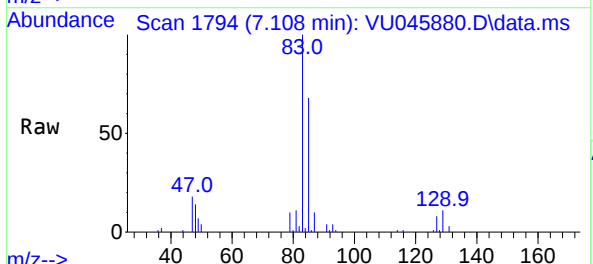
Manual Integrations
APPROVED

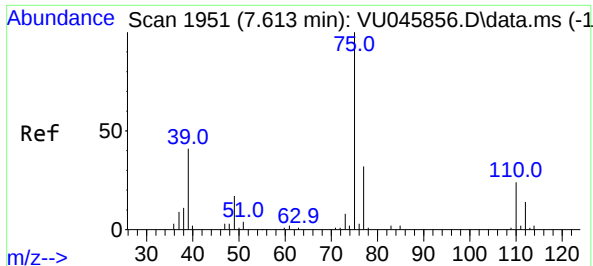
Reviewed By :John
Carlone
11/19/2021
Supervised By :Mahesh
Dadoda
11/19/2021



#38
Bromodichloromethane
Concen: 4.806 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

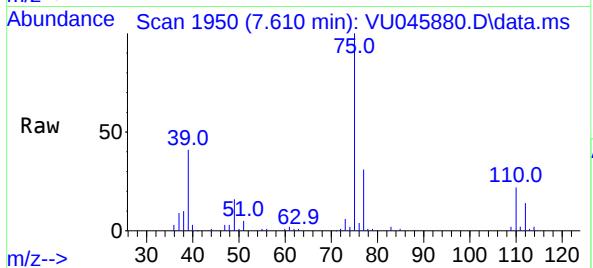
Tgt Ion: 83 Resp: 42203
Ion Ratio Lower Upper
83 100
85 67.5 44.0 81.8
127 8.2 6.3 9.5





#39
cis-1,3-Dichloropropene
Concen: 4.642 ug/L
RT: 7.610 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

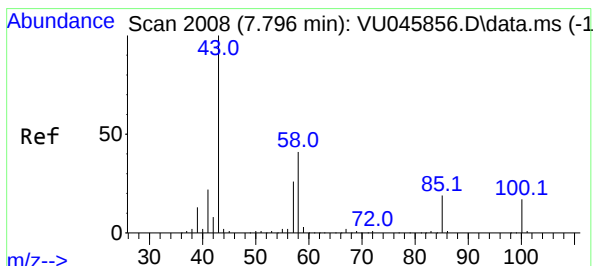
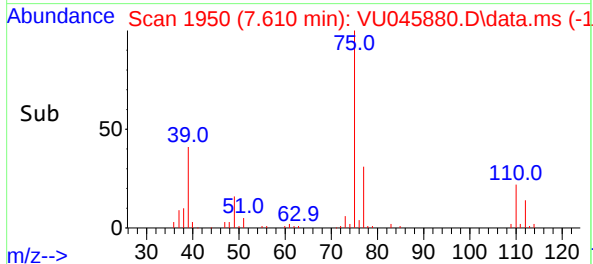
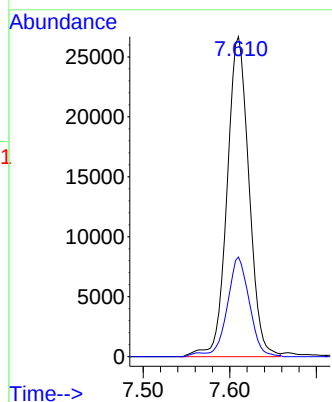
Instrument : MSVOA_U
ClientSampleId : H4649MSD



Tgt Ion: 75 Resp: 46949
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9

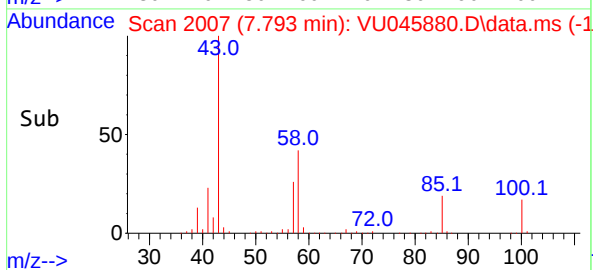
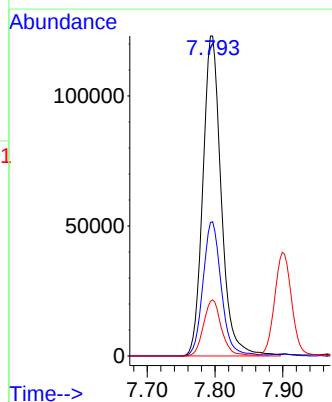
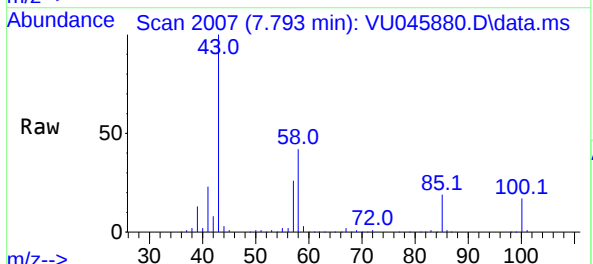
Manual Integrations
APPROVED

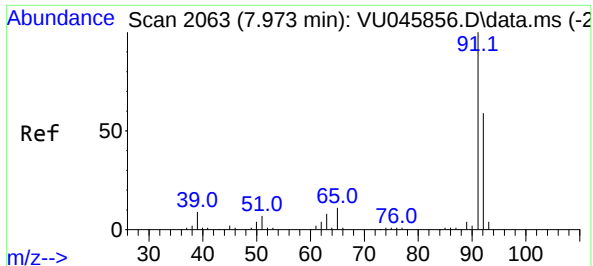
Reviewed By :John
Carlone
11/19/2021
Supervised By :Mahesh
Dadoda
11/19/2021



#40
4-Methyl-2-pentanone
Concen: 49.717 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

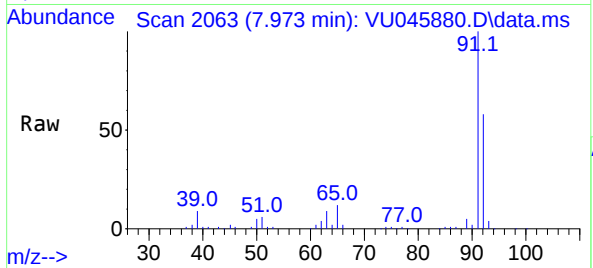
Tgt Ion: 43 Resp: 232091
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7
100 17.1 13.2 19.8





#42
Toluene
Concen: 4.940 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

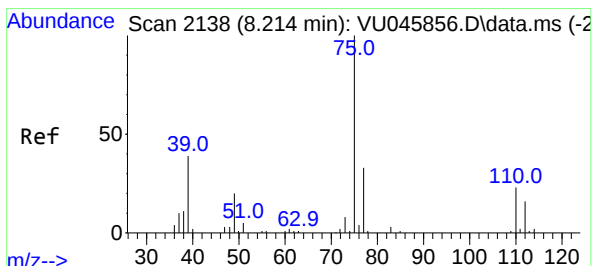
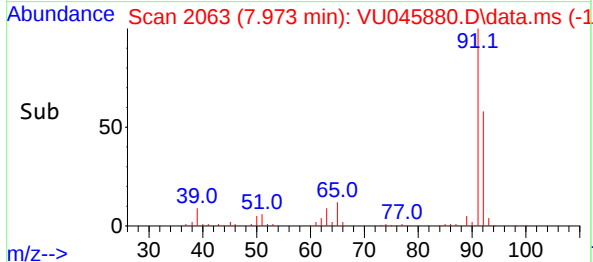
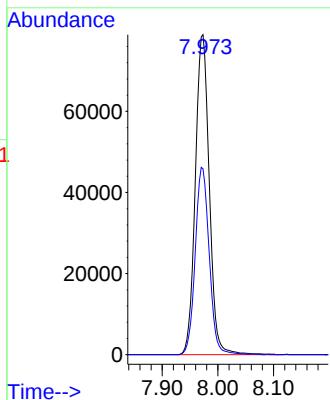
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD



Tgt Ion: 91 Resp: 137898
Ion Ratio Lower Upper
91 100
92 58.1 41.3 76.7

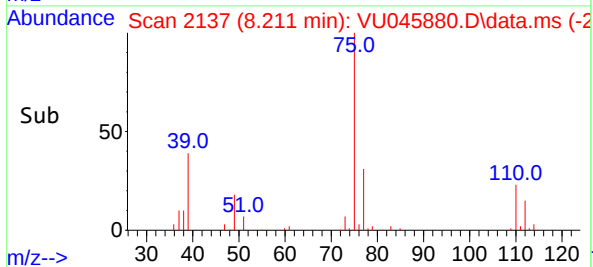
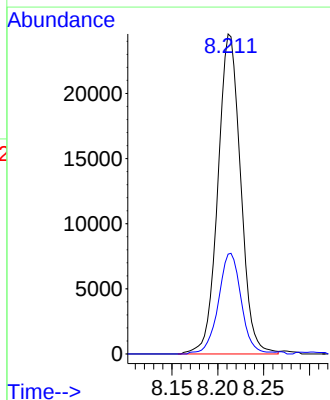
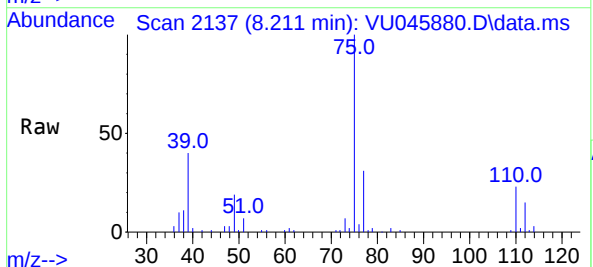
Manual Integrations
APPROVED

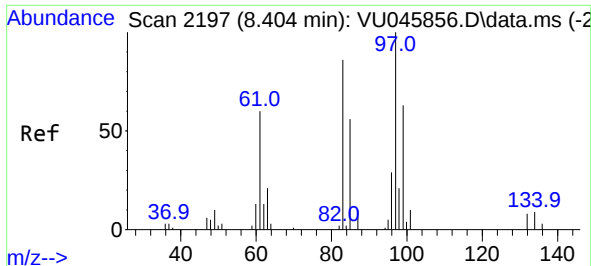
Reviewed By :John
Carlone
11/19/2021
Supervised By :Mahesh
Dadoda
11/19/2021



#44
trans-1,3-Dichloropropene
Concen: 4.812 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

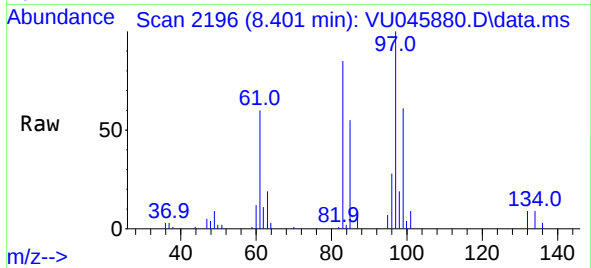
Tgt Ion: 75 Resp: 42336
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 4.905 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

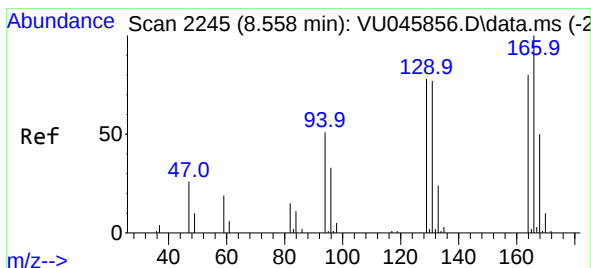
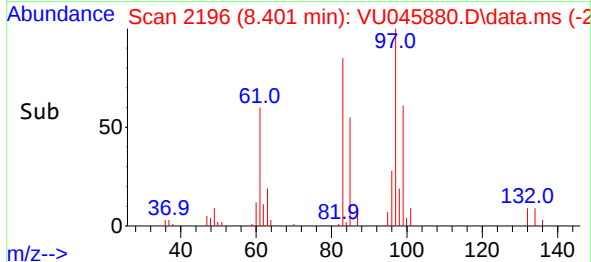
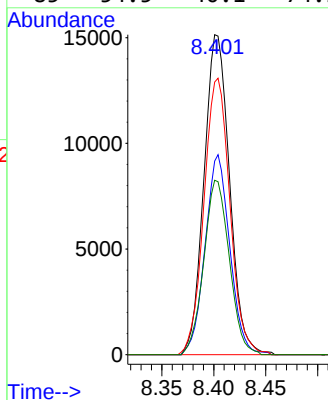


Tgt Ion: 97 Resp: 25918
Ion Ratio Lower Upper
97 100
99 60.5 42.3 78.5
83 85.2 62.0 115.2
85 54.5 40.1 74.5

Manual Integrations
APPROVED

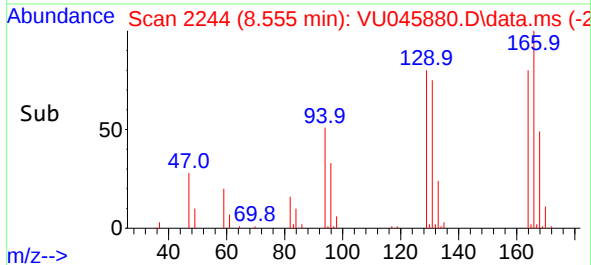
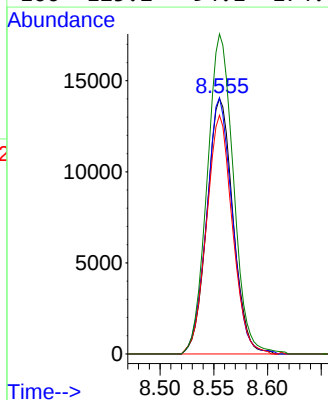
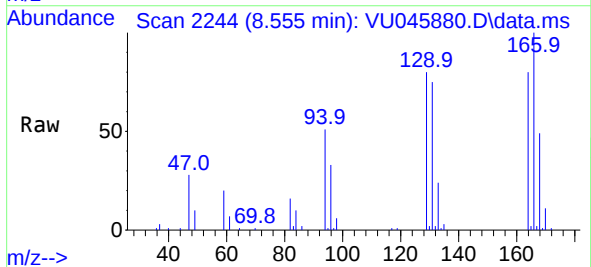
Reviewed By :John
Carlone
11/19/2021

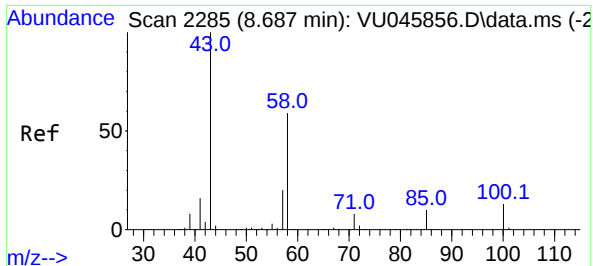
Supervised By :Mahesh
Dadoda
11/19/2021



#47
Tetrachloroethene
Concen: 4.836 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

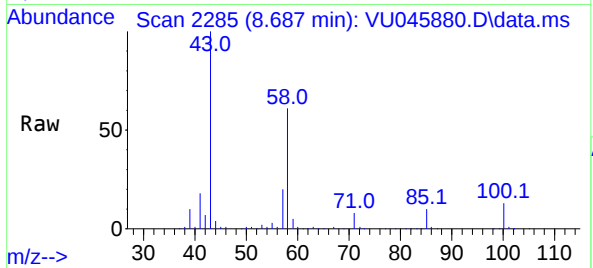
Tgt Ion:164 Resp: 23596
Ion Ratio Lower Upper
164 100
129 100.3 71.8 133.4
131 93.4 68.5 127.3
166 125.2 94.1 174.8





#48
2-Hexanone
Concen: 51.907 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

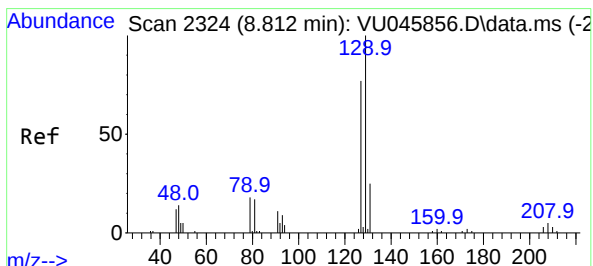
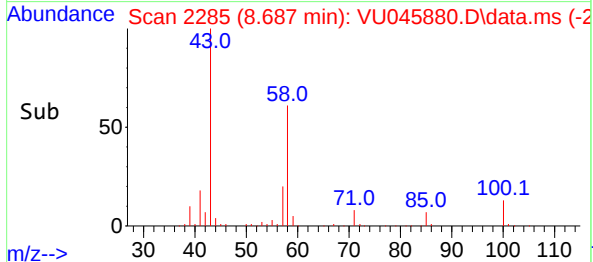
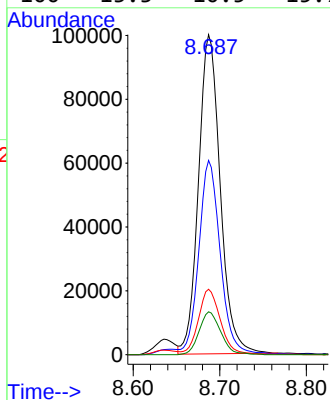


Tgt Ion: 43 Resp: 175052
Ion Ratio Lower Upper
43 100
58 60.0 46.7 70.1
57 20.5 16.3 24.5
100 13.3 10.5 15.7

Manual Integrations
APPROVED

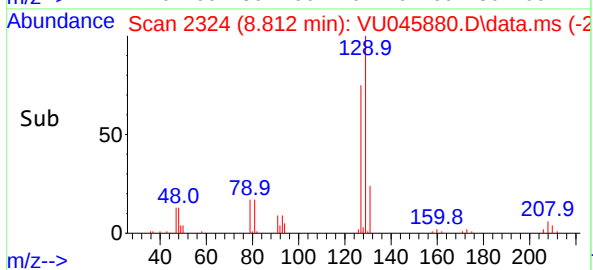
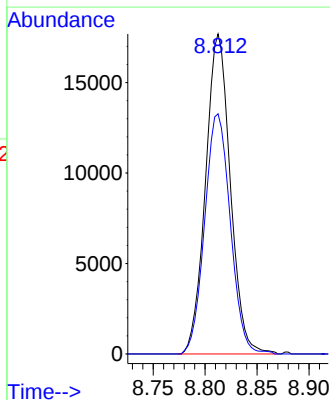
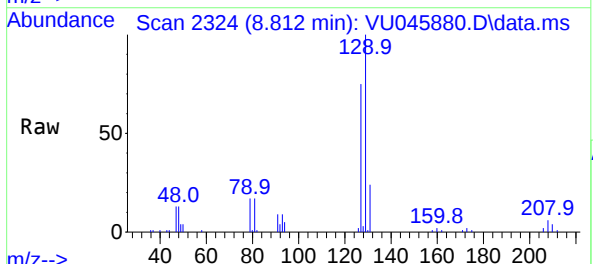
Reviewed By :John
Carlone
11/19/2021

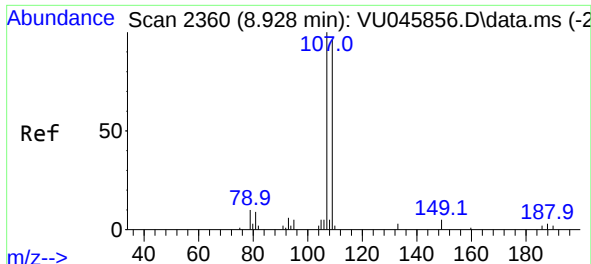
Supervised By :Mahesh
Dadoda
11/19/2021



#49
Dibromochloromethane
Concen: 4.877 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

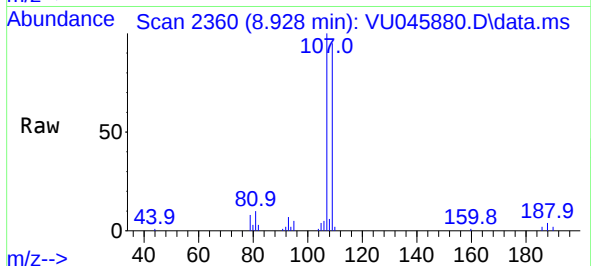
Tgt Ion:129 Resp: 29347
Ion Ratio Lower Upper
129 100
127 75.1 55.4 102.8





#50
1,2-Dibromoethane
Concen: 4.936 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

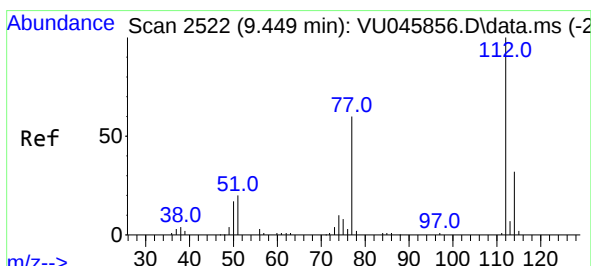
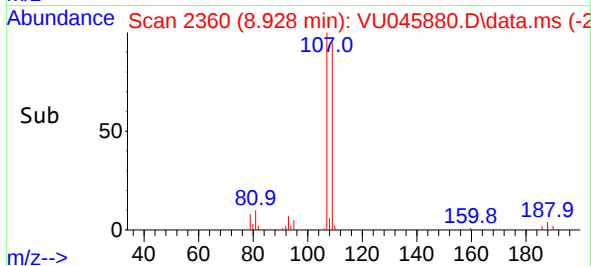
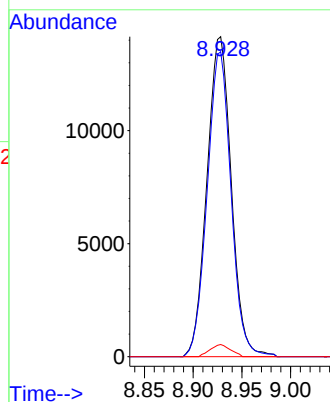


Tgt Ion:107 Resp: 2457
Ion Ratio Lower Upper
107 100
109 95.3 64.0 119.0
188 3.8 2.4 3.6

Manual Integrations
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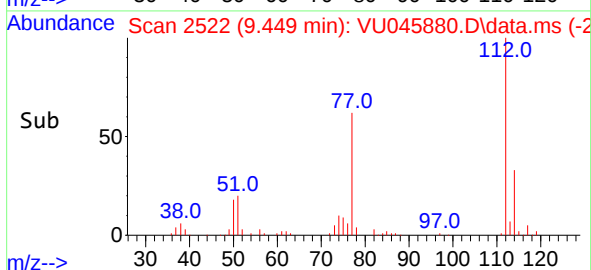
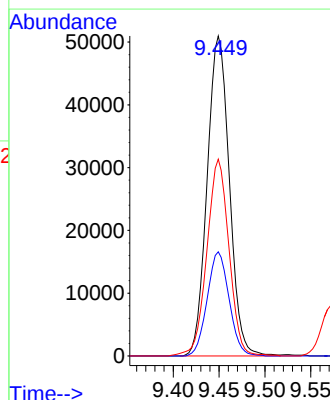
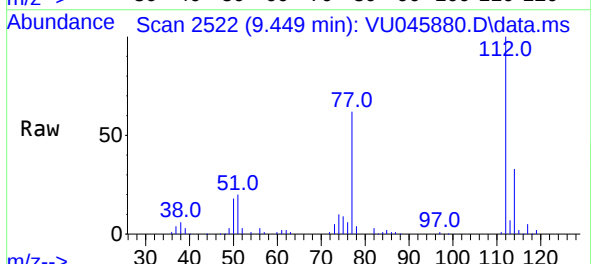
Reviewed By :John
Carlone
11/19/2021

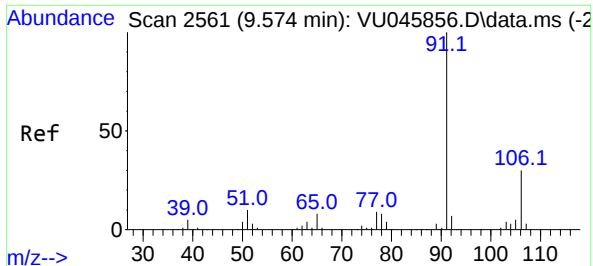
Supervised By :Mahesh
Dadoda
11/19/2021



#51
Chlorobenzene
Concen: 4.900 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion:112 Resp: 85803
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 61.5 48.3 72.5





#52

Ethylbenzene

Concen: 4.818 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Instrument :

MSVOA_U

ClientSampleId :

H4649MSD

Tgt Ion: 91 Resp: 140799

Ion Ratio Lower Upper

91 100

106 31.8 21.5 39.9

Manual Integrations

APPROVED

Reviewed By :John

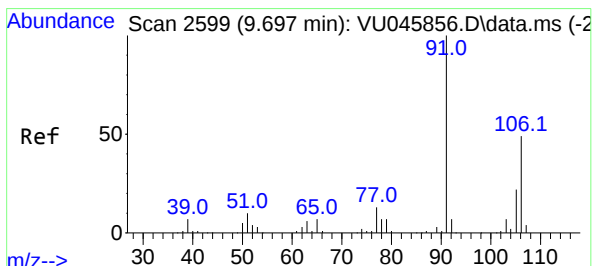
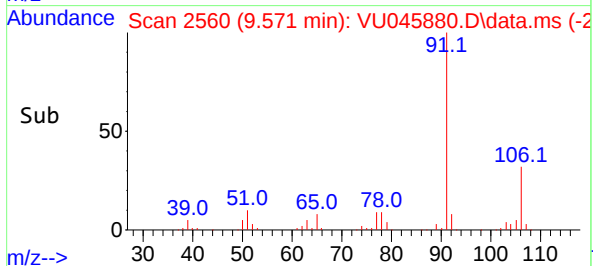
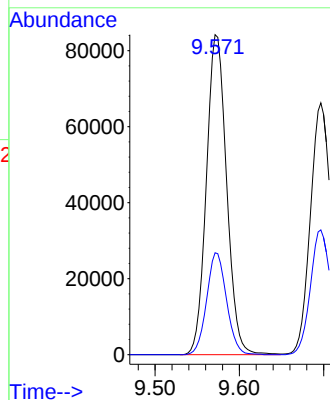
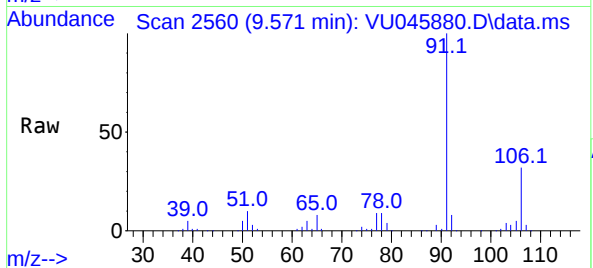
Carlone

11/19/2021

Supervised By :Mahesh

Dadoda

11/19/2021



#53

m,p-Xylene

Concen: 4.990 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045880.D

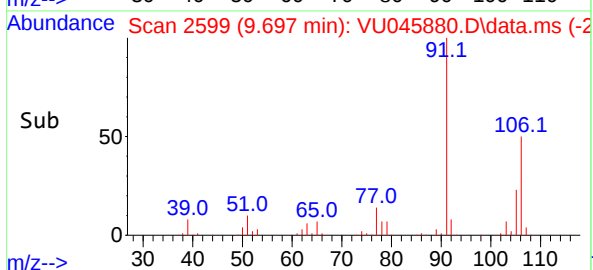
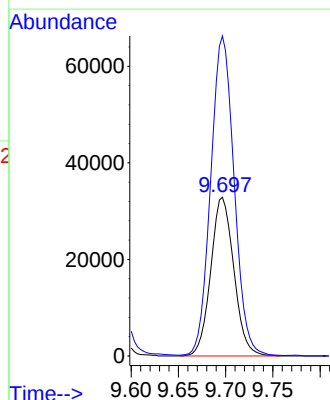
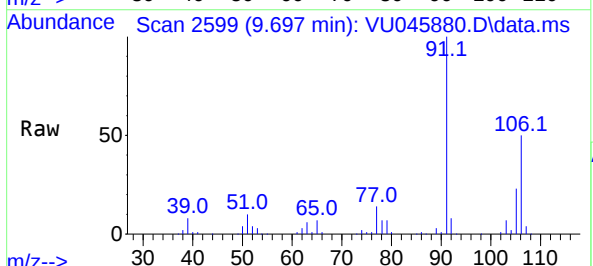
Acq: 18 Nov 2021 19:56

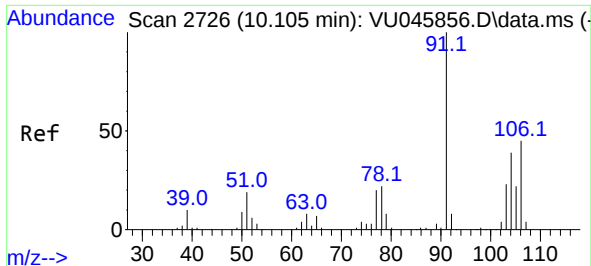
Tgt Ion:106 Resp: 55848

Ion Ratio Lower Upper

106 100

91 201.7 139.4 259.0





#54
o-Xylene
Concen: 4.943 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

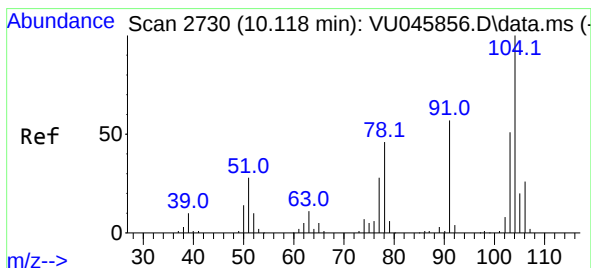
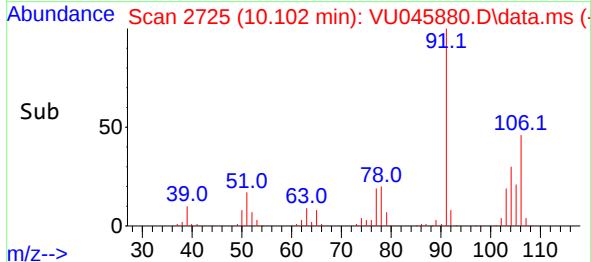
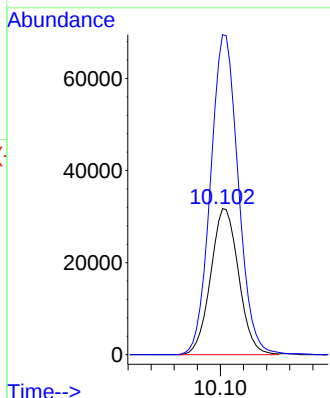
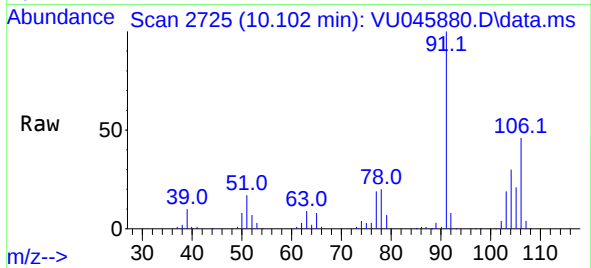
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion:106 Resp: 5338
Ion Ratio Lower Upper
106 100
91 219.0 147.5 273.9

Manual Integrations
APPROVED

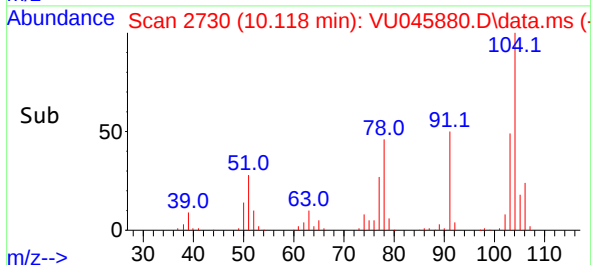
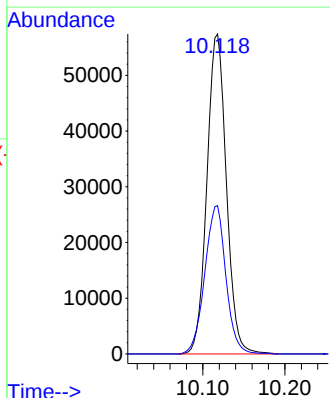
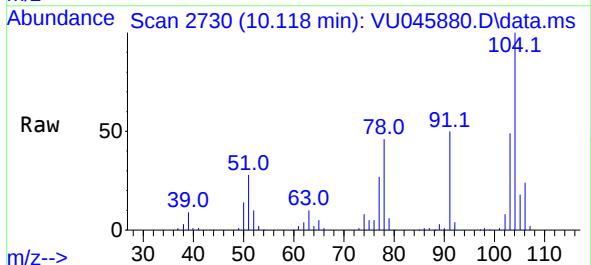
Reviewed By :John
Carlone
11/19/2021

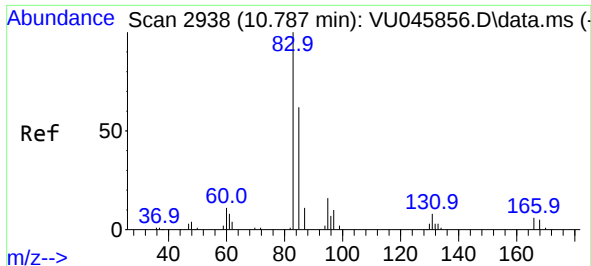
Supervised By :Mahesh
Dadoda
11/19/2021



#55
Styrene
Concen: 5.199 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

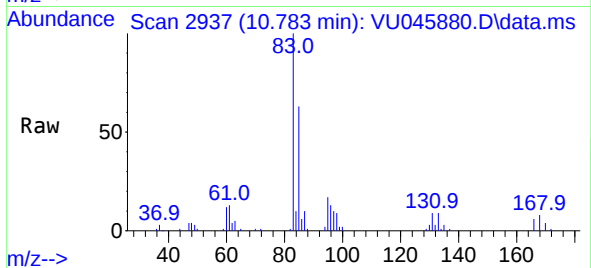
Tgt Ion:104 Resp: 94534
Ion Ratio Lower Upper
104 100
78 46.3 33.0 61.4





#57
1,1,2,2-Tetrachloroethane
Concen: 5.019 ug/L
RT: 10.783 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

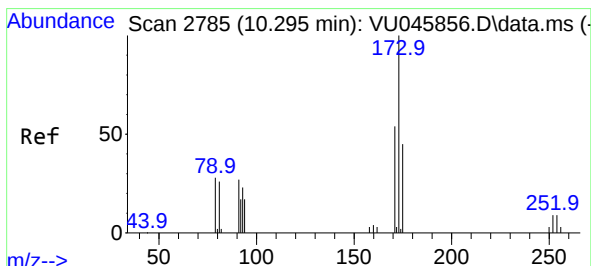
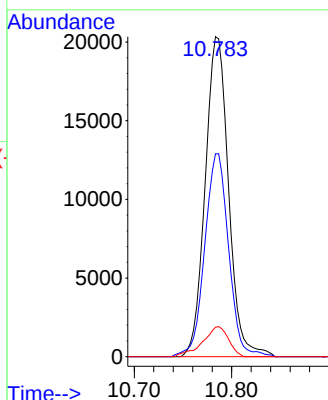
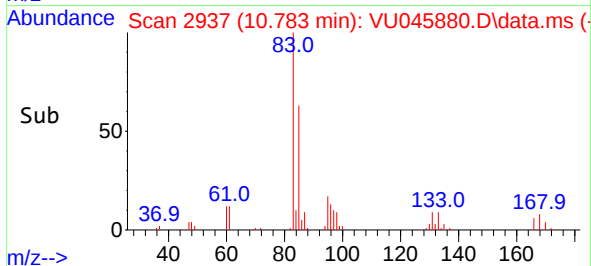


Tgt Ion: 83 Resp: 3396
Ion Ratio Lower Upper
83 100
85 63.4 47.9 89.1
131 9.2 8.1 12.1

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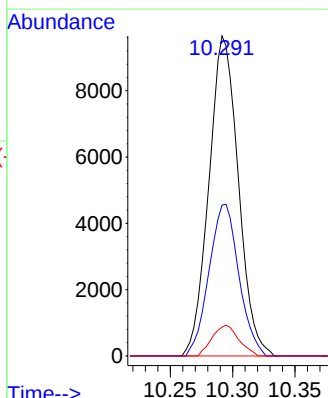
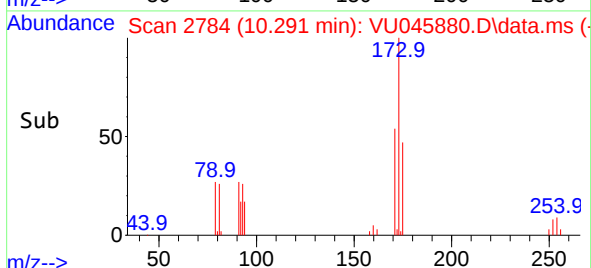
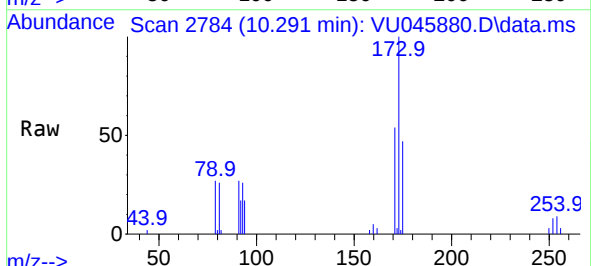
Reviewed By :John
Carlone
11/19/2021

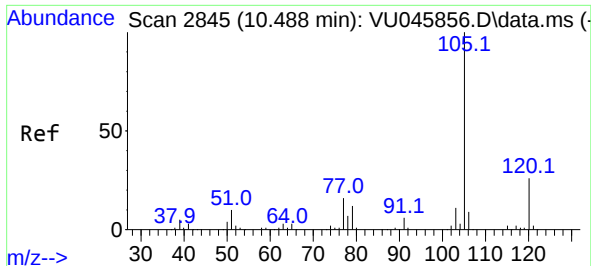
Supervised By :Mahesh
Dadoda
11/19/2021



#59
Bromoform
Concen: 4.596 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion:173 Resp: 15867
Ion Ratio Lower Upper
173 100
175 48.0 37.8 56.6
254 8.6 7.3 10.9





#60
Isopropylbenzene
Concen: 4.686 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

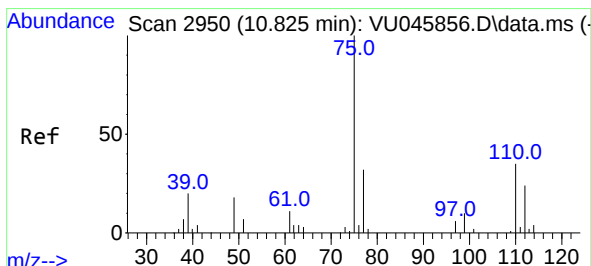
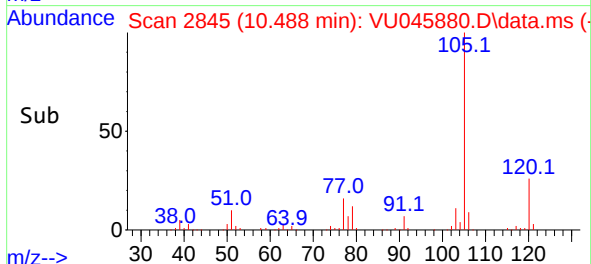
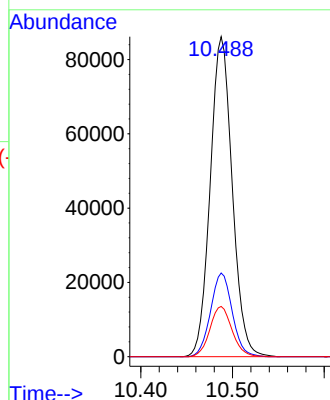
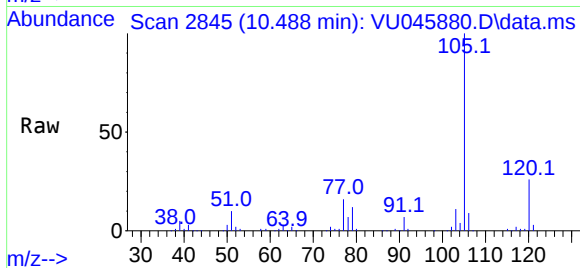
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion:105 Resp: 14341
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.8 12.6 19.0

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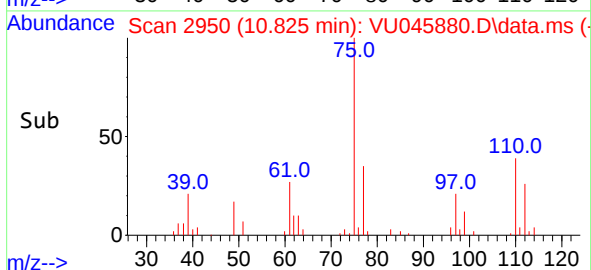
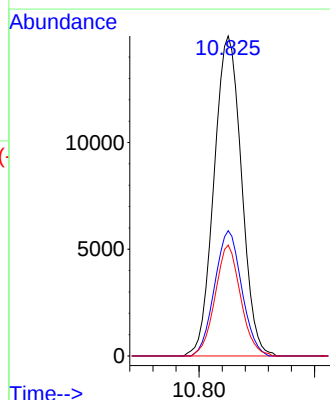
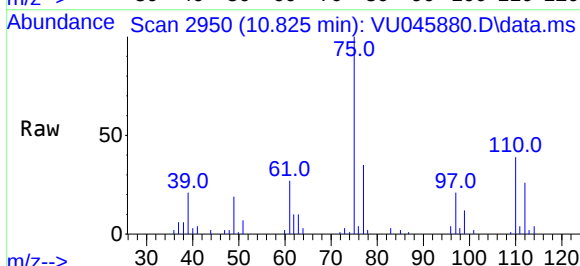
Reviewed By :John
Carlone
11/19/2021

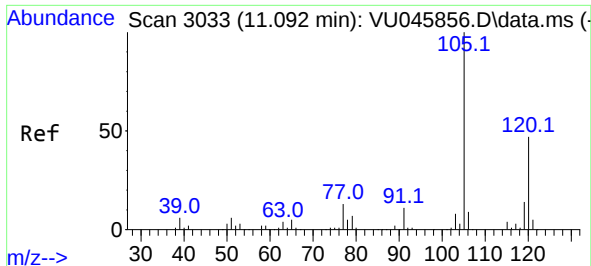
Supervised By :Mahesh
Dadoda
11/19/2021



#61
1,2,3-Trichloropropane
Concen: 4.572 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Tgt Ion: 75 Resp: 24740
Ion Ratio Lower Upper
75 100
110 38.6 29.9 44.9
77 32.2 25.5 38.3





#62
1,3,5-Trimethylbenzene
Concen: 4.651 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

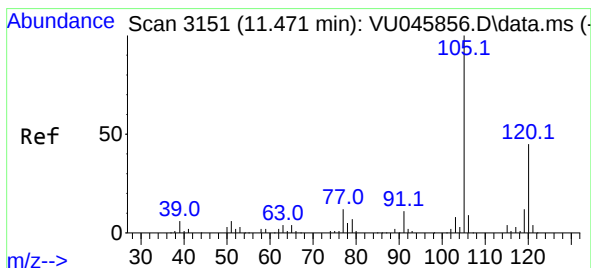
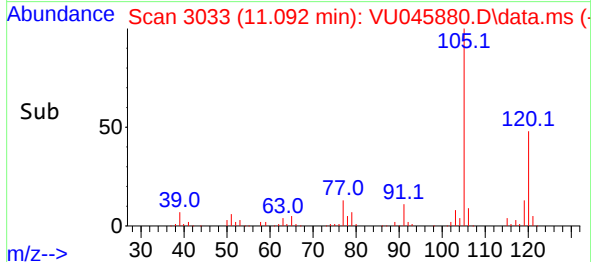
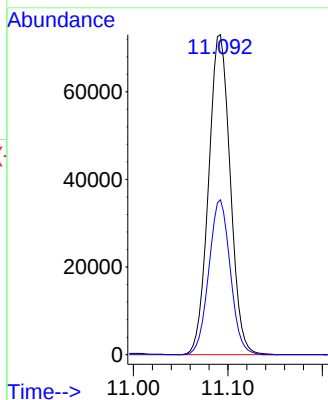
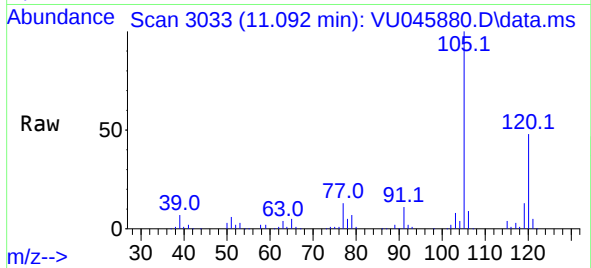
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Tgt Ion:105 Resp: 11637
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5

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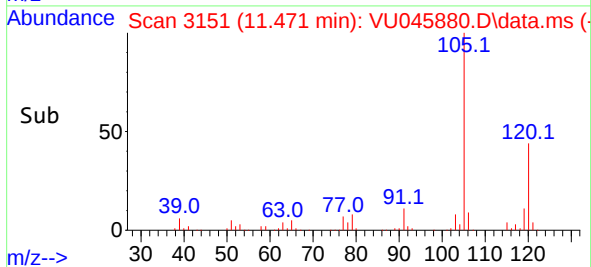
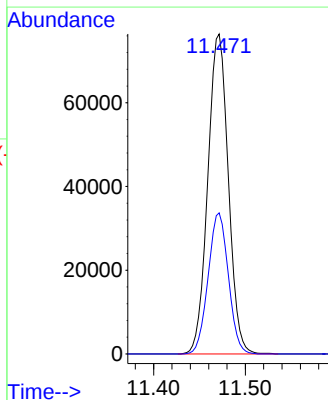
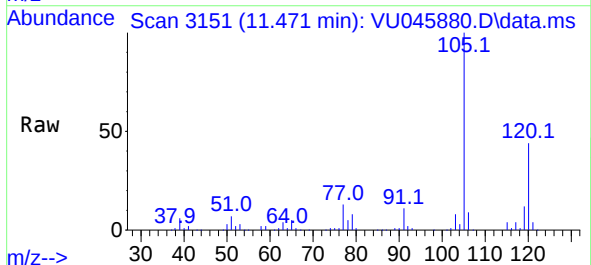
Reviewed By :John
Carlone
11/19/2021

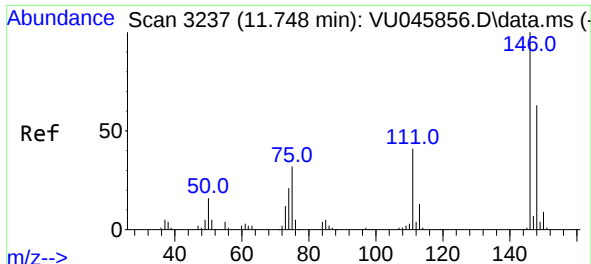
Supervised By :Mahesh
Dadoda
11/19/2021



#63
1,2,4-Trimethylbenzene
Concen: 4.736 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

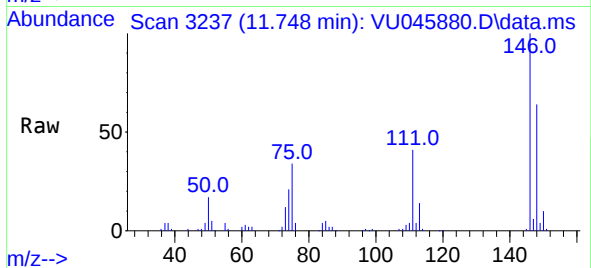
Tgt Ion:105 Resp: 118736
Ion Ratio Lower Upper
105 100
120 43.4 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 4.764 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

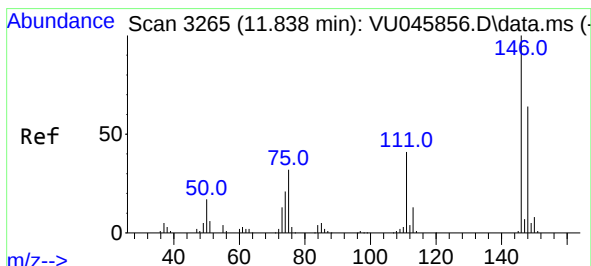
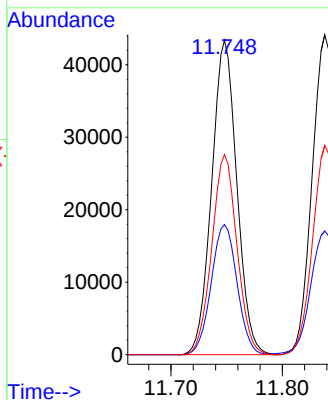


Tgt Ion:146 Resp: 68014
Ion Ratio Lower Upper
146 100
111 41.4 29.9 55.5
148 63.6 44.3 82.3

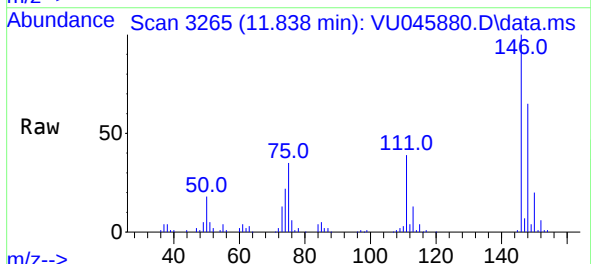
Manual Integrations
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Reviewed By :John
Carlone
11/19/2021

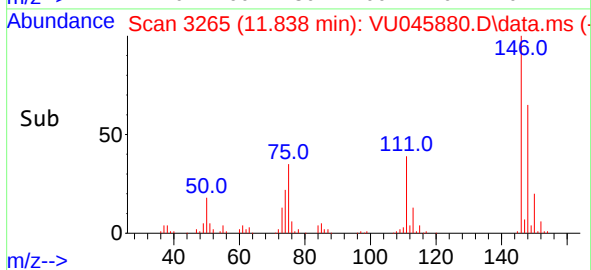
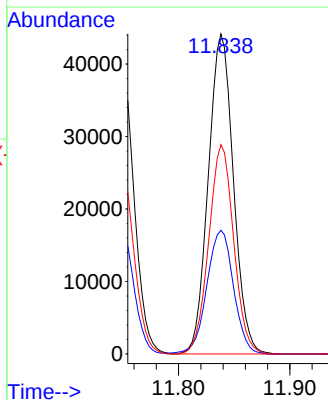
Supervised By :Mahesh
Dadoda
11/19/2021

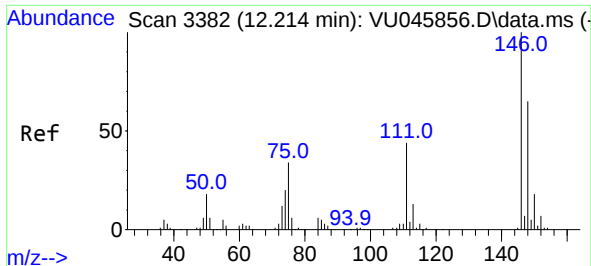


#65
1,4-Dichlorobenzene
Concen: 4.775 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56



Tgt Ion:146 Resp: 69259
Ion Ratio Lower Upper
146 100
111 38.6 28.7 53.3
148 65.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.757 ug/L

RT: 12.214 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Instrument :

MSVOA_U

ClientSampleId :

H4649MSD

Tgt Ion:146 Resp: 65109

Ion	Ratio	Lower	Upper
146	100		
111	45.7	35.4	53.0
148	64.6	51.1	76.7

Manual Integrations

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Reviewed By :John

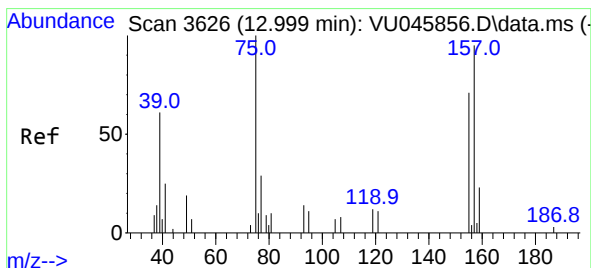
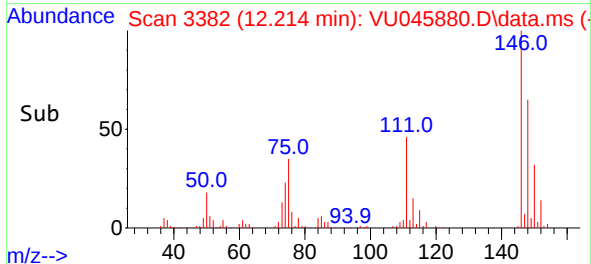
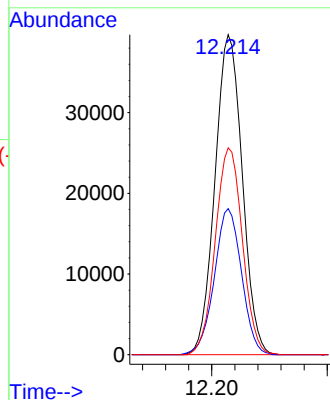
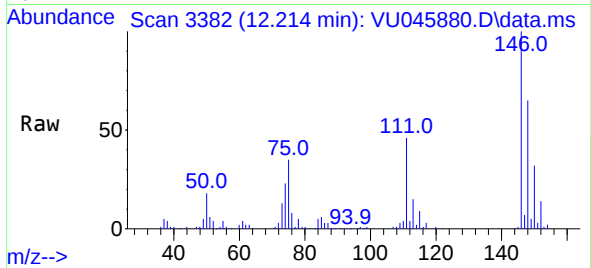
Carlone

11/19/2021

Supervised By :Mahesh

Dadoda

11/19/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 4.354 ug/L

RT: 12.999 min Scan# 3626

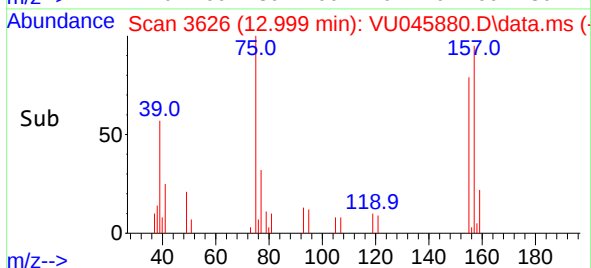
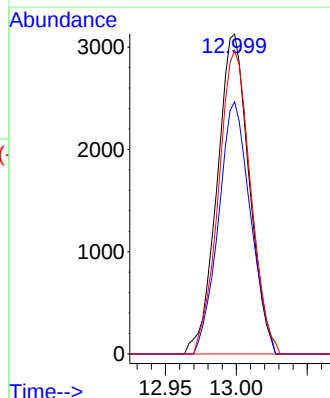
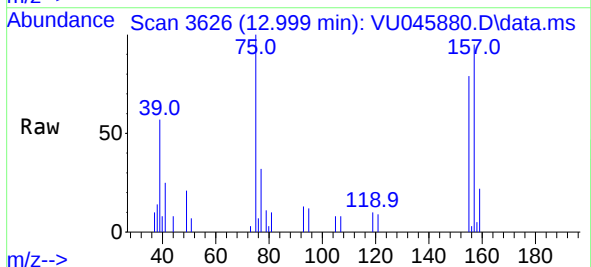
Delta R.T. 0.000 min

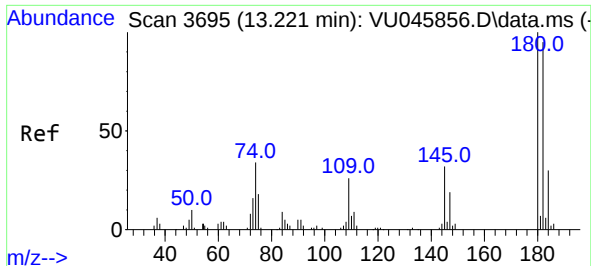
Lab File: VU045880.D

Acq: 18 Nov 2021 19:56

Tgt Ion: 75 Resp: 4902

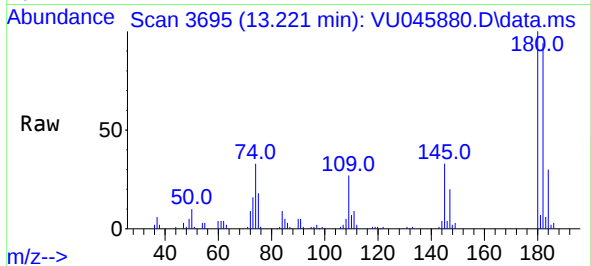
Ion	Ratio	Lower	Upper
75	100		
155	78.8	59.2	88.8
157	94.9	76.5	114.7





#69
1,3,5-Trichlorobenzene
Concen: 4.658 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

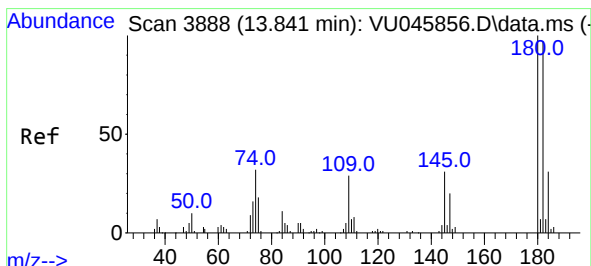
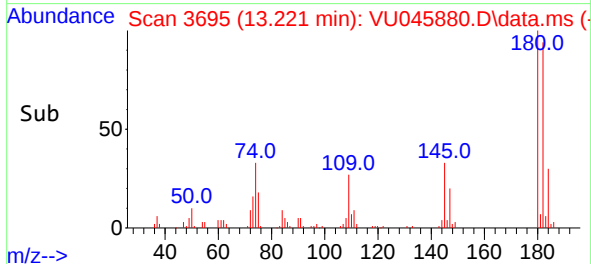
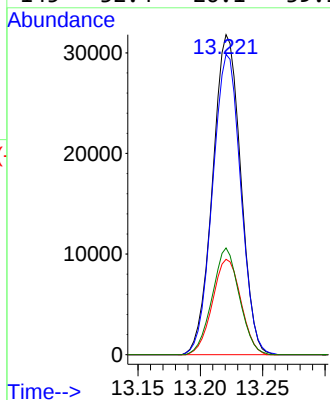


Tgt Ion:180 Resp: 4973
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
184 30.3 25.0 37.4
145 32.4 26.1 39.1

Manual Integrations
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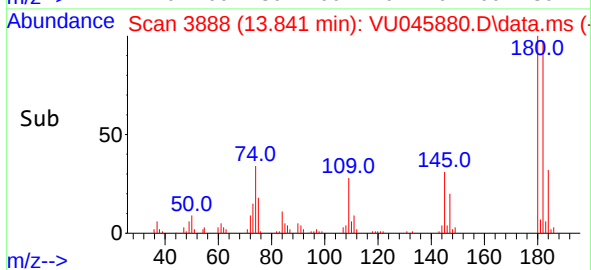
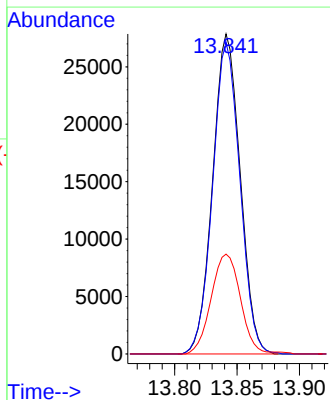
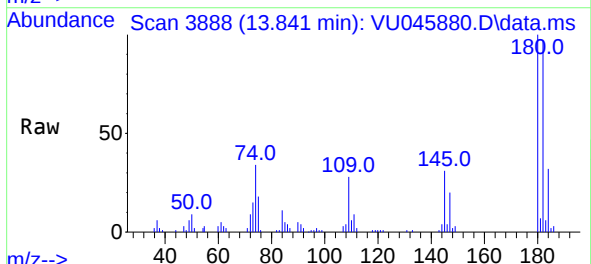
Reviewed By :John
Carlone
11/19/2021

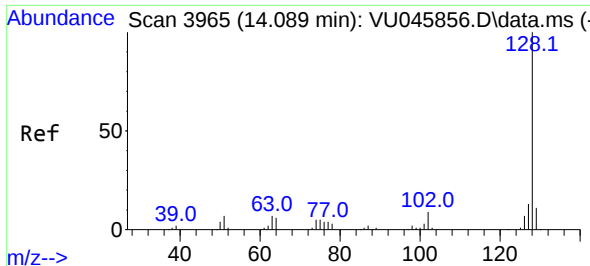
Supervised By :Mahesh
Dadoda
11/19/2021



#70
1,2,4-trichlorobenzene
Concen: 4.730 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

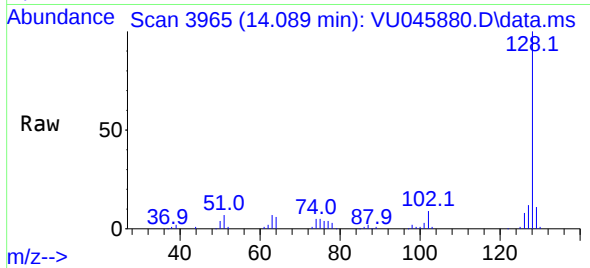
Tgt Ion:180 Resp: 42740
Ion Ratio Lower Upper
180 100
182 96.5 76.4 114.6
145 33.4 25.6 38.4





#71
Naphthalene
Concen: 4.692 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

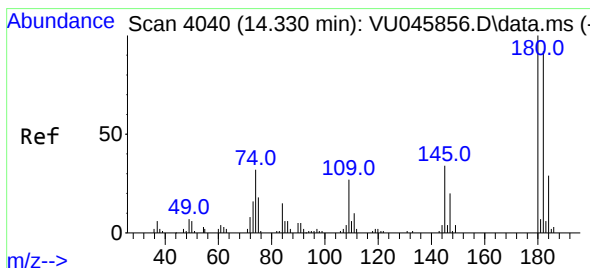
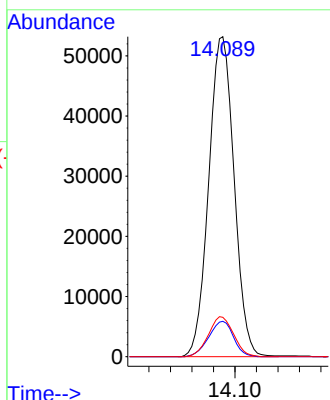


Tgt Ion:128 Resp: 87108
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.4 10.2 15.2

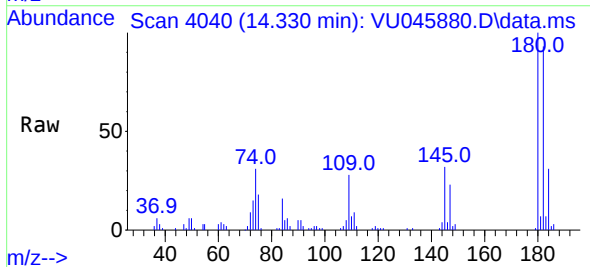
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/19/2021

Supervised By :Mahesh
Dadoda
11/19/2021



#72
1,2,3-Trichlorobenzene
Concen: 4.755 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045880.D
Acq: 18 Nov 2021 19:56



Tgt Ion:180 Resp: 42754
Ion Ratio Lower Upper
180 100
182 93.8 76.2 114.4
145 33.7 28.4 42.6

