

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045803.D
 Acq On : 16 Nov 2021 12:49
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 16 17:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

11/17/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42944	5.000	ug/L	0.00

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System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	29738	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	24413	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	13509	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.649	46	108247	57.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	5.067	84	56479	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.707	65	35858	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.732	84	117261	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	38980	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	99482	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	15412	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.636	63	80403	55.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36074	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	38602	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	1364	0.190	ug/L	97
3) Chloromethane	1.520	50	2630	0.345	ug/L	96
5) Vinyl chloride	1.604	62	1539	0.201	ug/L #	49
6) Bromomethane	1.861	94	938	0.207	ug/L	90
8) Chloroethane	1.935	64	1054	0.242	ug/L	84
9) Trichlorofluoromethane	2.144	101	2157	0.219	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1431	0.247	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	1224	0.224	ug/L #	1
13) Acetone	2.671	43	1520	1.378	ug/L	71
14) Carbon disulfide	2.800	76	3580	0.207	ug/L	100
15) Methyl Acetate	2.967	43	870	0.321	ug/L #	51
16) Methylene chloride	3.051	84	2604	0.323	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	2786	0.196	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	1139	0.194	ug/L #	82
19) 1,1-Dichloroethane	3.880	63	2025	0.185	ug/L #	83
21) 2-Butanone	4.726	43	5566m	2.999	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1208	0.190	ug/L	93
23) Bromochloromethane	4.977	128	511	0.185	ug/L	95
25) Chloroform	5.096	83	8314	0.698	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.797	62	1776	0.234	ug/L	#	73
29) 1,1,1-Trichloroethane	5.317	97	1786	0.179	ug/L		91
30) Cyclohexane	5.388	56	1654	0.167	ug/L		92
31) Carbon tetrachloride	5.530	117	1516	0.181	ug/L		98
33) Benzene	5.777	78	4935	0.193	ug/L		100
34) Trichloroethene	6.549	95	1240	0.188	ug/L		96
35) Methylcyclohexane	6.768	83	1915	0.189	ug/L	#	85
37) 1,2-Dichloropropane	6.800	63	1316	0.195	ug/L	#	88
38) Bromodichloromethane	7.108	83	1464	0.176	ug/L	#	94
39) cis-1,3-Dichloropropene	7.607	75	1744	0.182	ug/L		98
40) 4-Methyl-2-pentanone	7.796	43	8620	1.952	ug/L	#	85
42) Toluene	7.973	91	6266	0.237	ug/L		99
44) trans-1,3-Dichloropropene	8.214	75	1659	0.199	ug/L		86
45) 1,1,2-Trichloroethane	8.407	97	993	0.199	ug/L		91
47) Tetrachloroethene	8.559	164	907	0.196	ug/L		87
48) 2-Hexanone	8.690	43	11868	3.720	ug/L	#	97
49) Dibromochloromethane	8.813	129	1080	0.190	ug/L		92
50) 1,2-Dibromoethane	8.925	107	911	0.193	ug/L	#	90
51) Chlorobenzene	9.449	112	3353	0.202	ug/L		95
52) Ethylbenzene	9.575	91	4975	0.180	ug/L		99
53) m,p-Xylene	9.697	106	1929	0.182	ug/L		100
54) o-Xylene	10.102	106	1638	0.160	ug/L		70
55) Styrene	10.118	104	2826	0.164	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.784	83	1316	0.206	ug/L	#	95
59) Bromoform	10.298	173	593	0.208	ug/L	#	74
60) Isopropylbenzene	10.488	105	4161	0.165	ug/L		96
61) 1,2,3-Trichloropropane	10.825	75	988	0.222	ug/L	#	89
62) 1,3,5-Trimethylbenzene	11.089	105	3285	0.159	ug/L		97
63) 1,2,4-Trimethylbenzene	11.472	105	3336	0.162	ug/L		98
64) 1,3-Dichlorobenzene	11.745	146	2273	0.193	ug/L		98
65) 1,4-Dichlorobenzene	11.841	146	3584	0.300	ug/L		85
67) 1,2-Dichlorobenzene	12.214	146	2340	0.207	ug/L		92
69) 1,3,5-Trichlorobenzene	13.841	180	1339	0.152	ug/L		93
70) 1,2,4-trichlorobenzene	13.841	180	1339	0.180	ug/L		93
71) Naphthalene	14.089	128	2632	0.172	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.333	180	1321	0.178	ug/L		97

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

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ClientSampleId :
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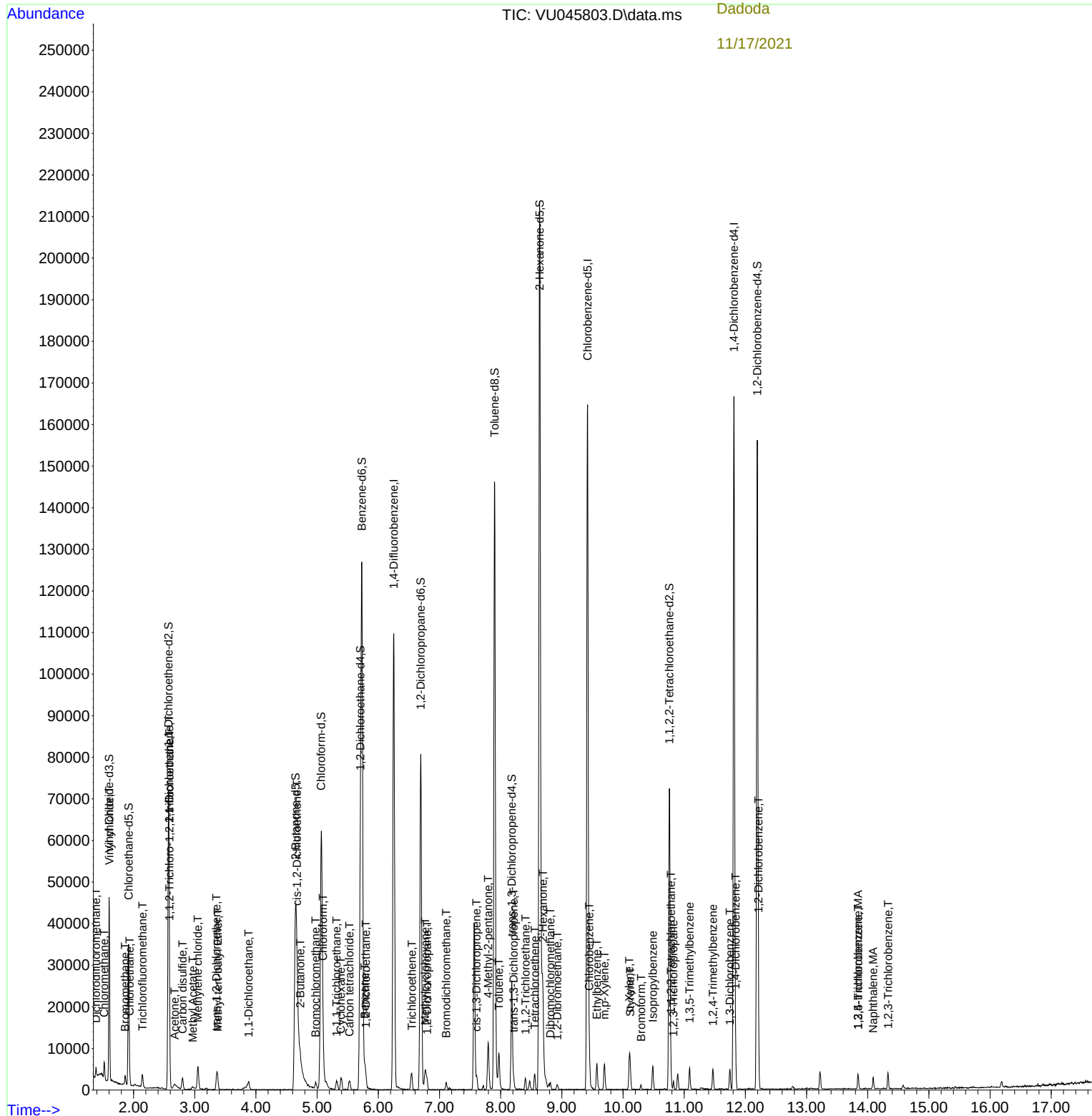
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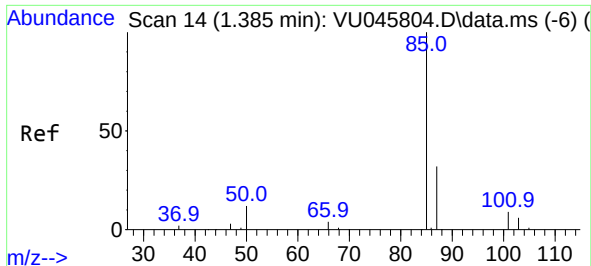
Manual Integrations
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Carlone

11/17/2021
Supervised By :Mahesh
Dadoda

11/17/2021





#2
Dichlorodifluoromethane
Concen: 0.190 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
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ClientSampleId :
MDL07

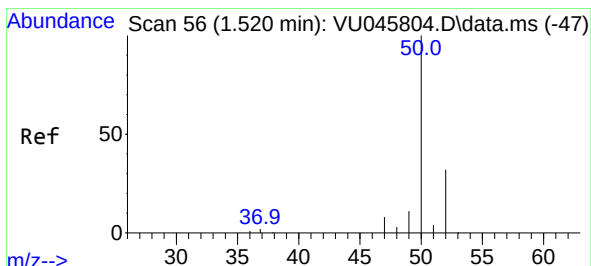
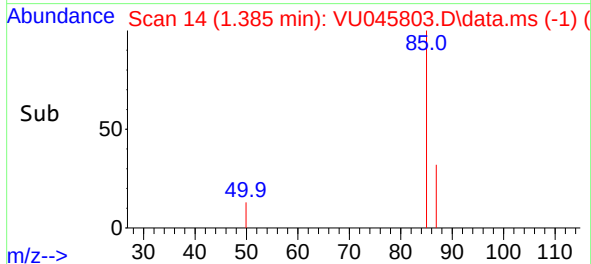
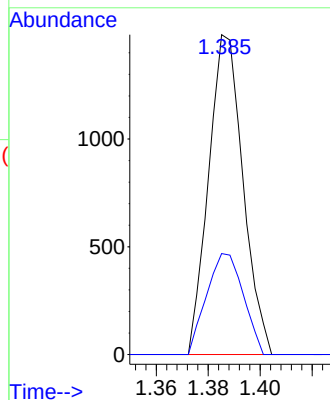
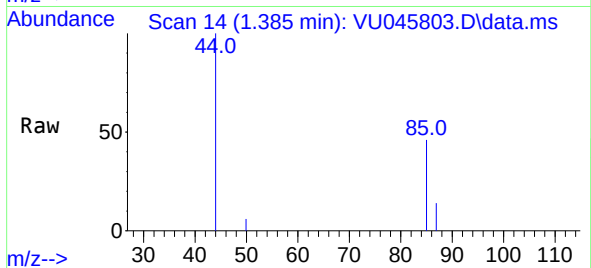
Tgt Ion: 85 Resp: 1364
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.6

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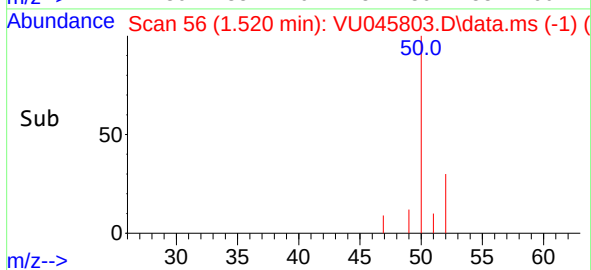
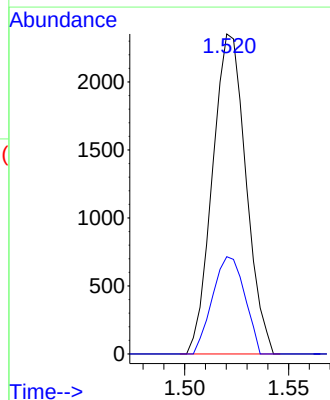
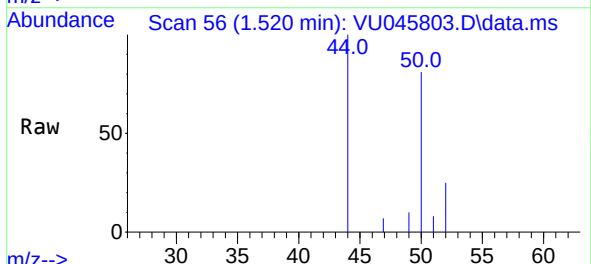
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Supervised By :Mahesh
Dadoda

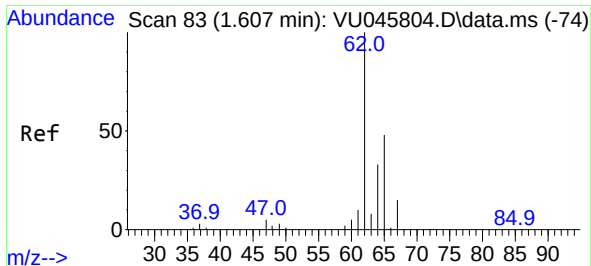
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#3
Chloromethane
Concen: 0.345 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 50 Resp: 2630
Ion Ratio Lower Upper
50 100
52 30.4 23.0 42.8





#5
 Vinyl chloride
 Concen: 0.201 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

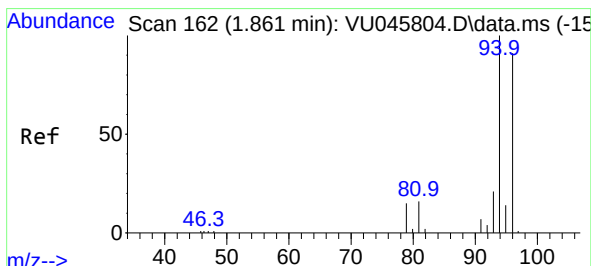
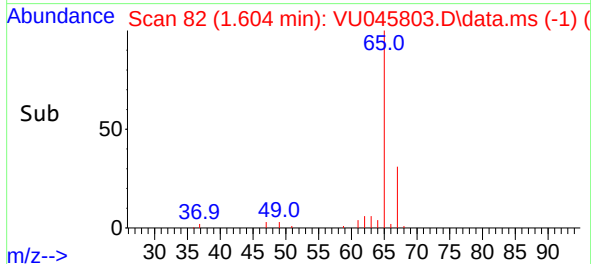
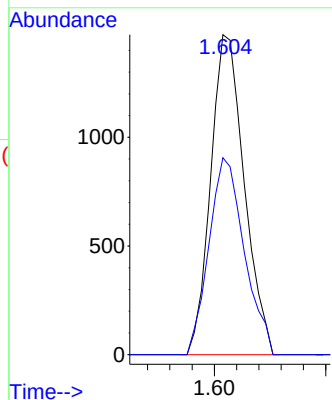
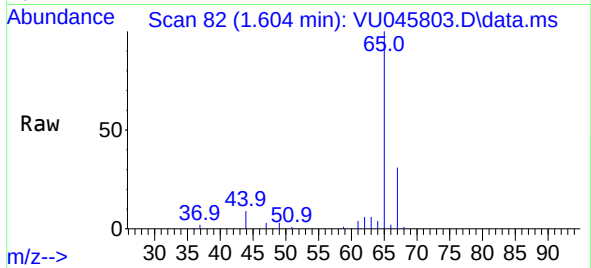
Tgt Ion: 62 Resp: 1539
 Ion Ratio Lower Upper
 62 100
 64 61.5 22.9 42.5

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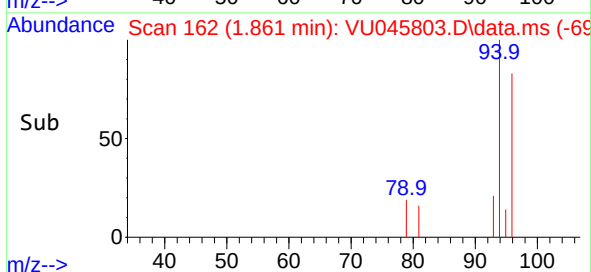
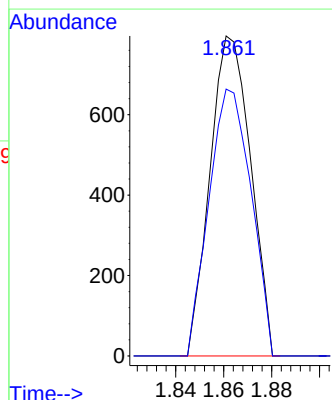
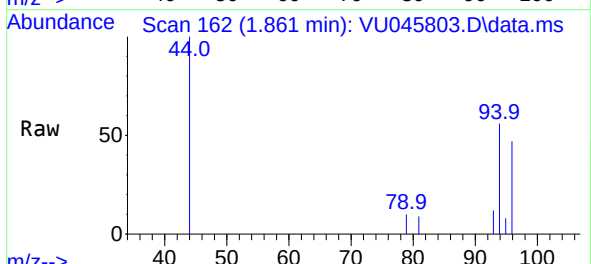
11/17/2021
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 Dadoda

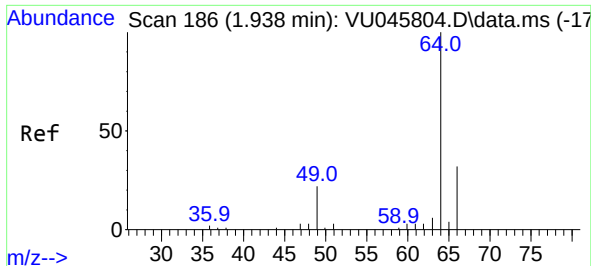
11/17/2021



#6
 Bromomethane
 Concen: 0.207 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

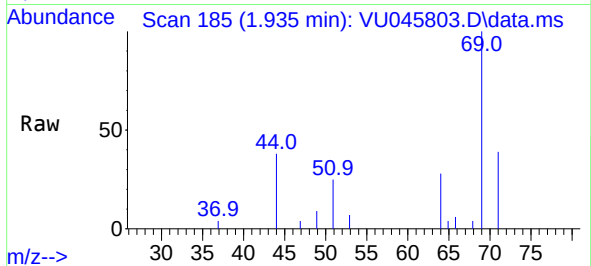
Tgt Ion: 94 Resp: 938
 Ion Ratio Lower Upper
 94 100
 96 83.4 65.5 121.6





#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



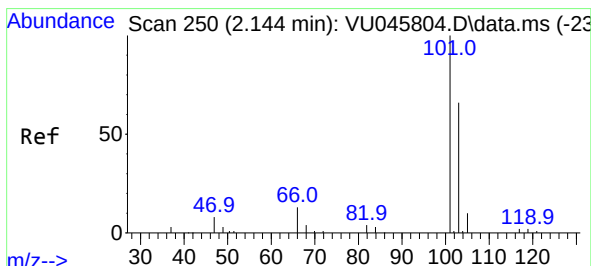
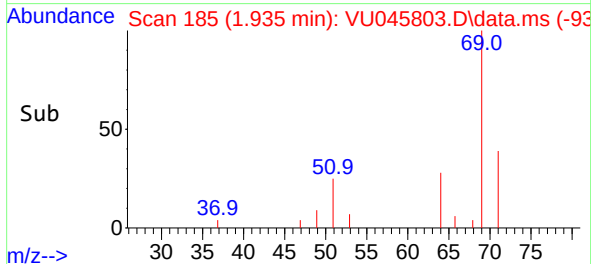
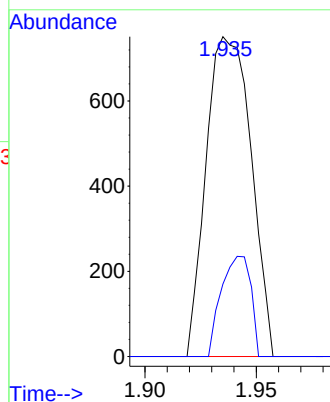
Tgt Ion: 64 Resp: 1054
Ion Ratio Lower Upper
64 100
66 22.6 22.1 41.1

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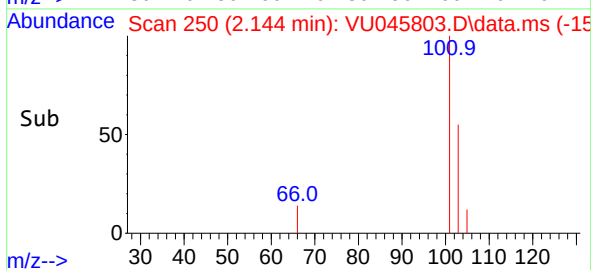
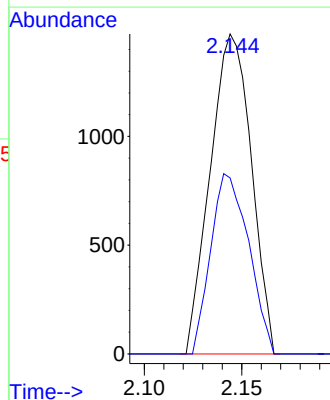
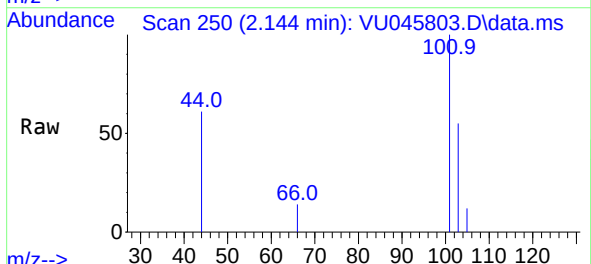
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Dadoda

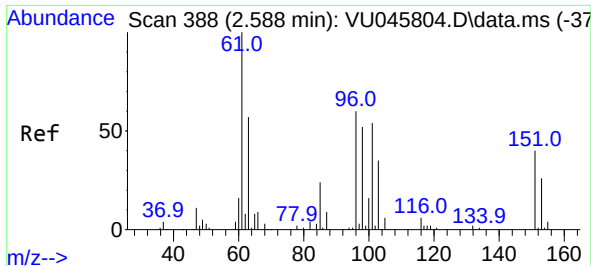
11/17/2021



#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:101 Resp: 2157
Ion Ratio Lower Upper
101 100
103 51.9 51.5 77.3





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.247 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
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ClientSampleId :
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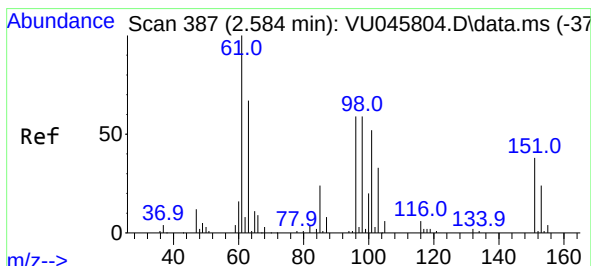
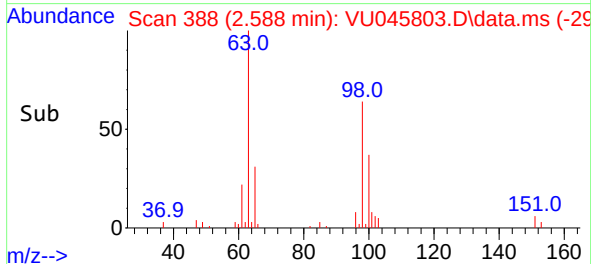
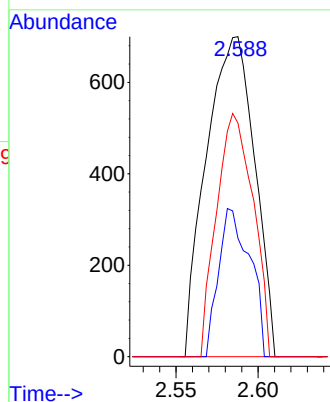
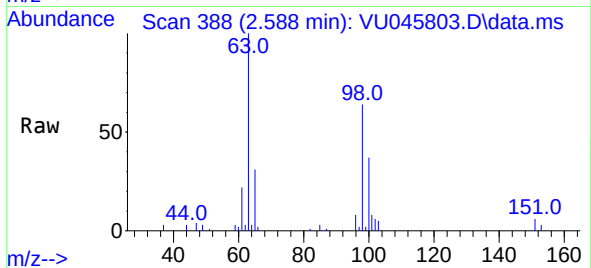
Tgt Ion:101 Resp: 143
Ion Ratio Lower Upper
101 100
85 30.0 34.6 51.8
151 57.5 56.1 84.1

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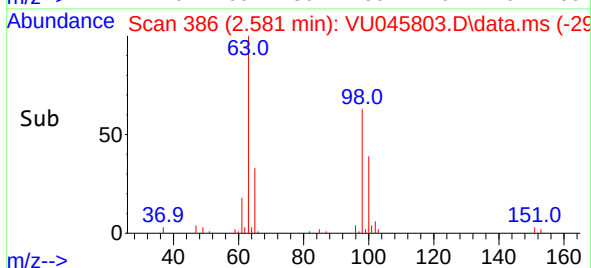
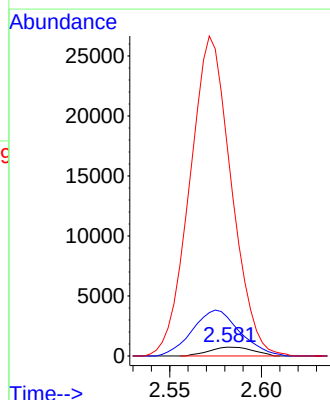
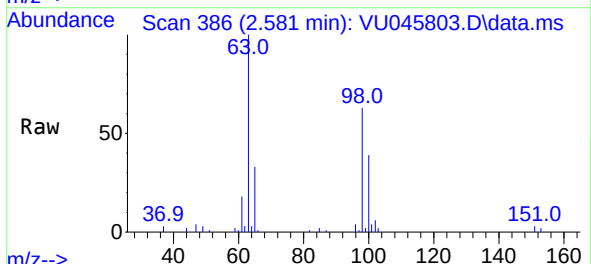
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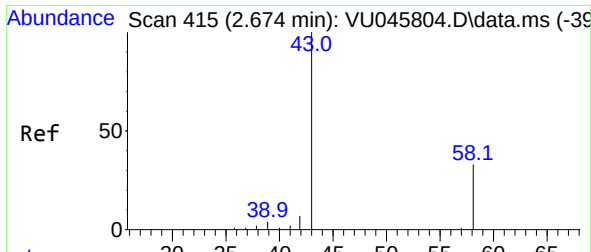
11/17/2021



#12
1,1-Dichloroethene
Concen: 0.224 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 96 Resp: 1224
Ion Ratio Lower Upper
96 100
61 446.6 124.7 231.5#
63 2418.7 105.2 195.4#





#13

Acetone

Concen: 1.378 ug/L

RT: 2.671 min Scan# 415

Delta R.T. 0.013 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 52.8 0.0 71.6

Manual Integrations

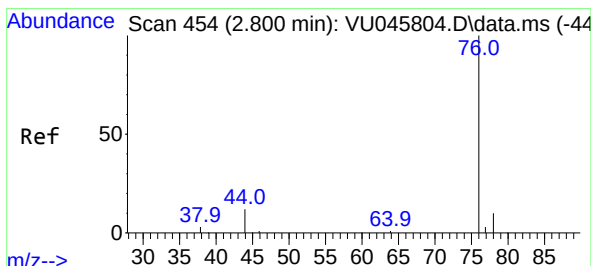
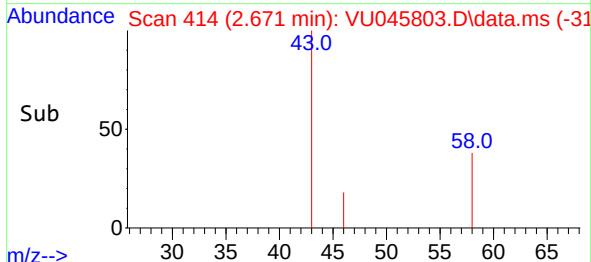
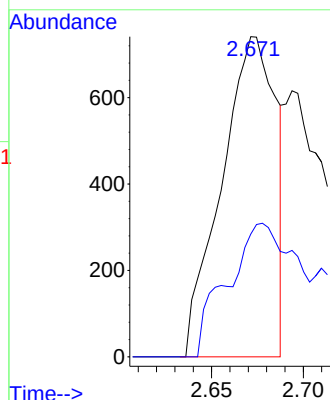
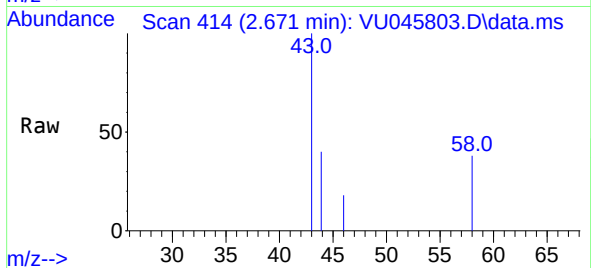
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Dadoda

11/17/2021



#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045803.D

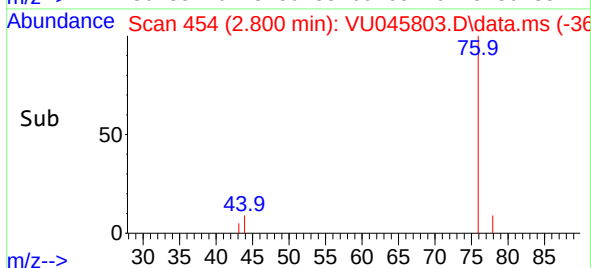
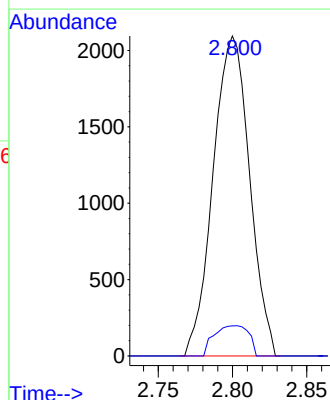
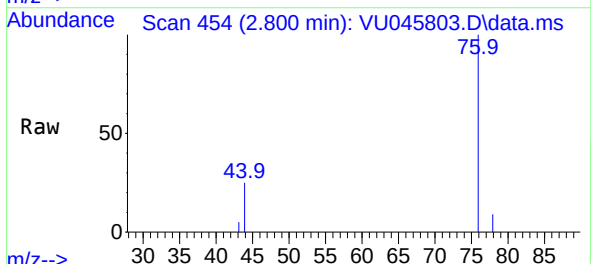
Acq: 16 Nov 2021 12:49

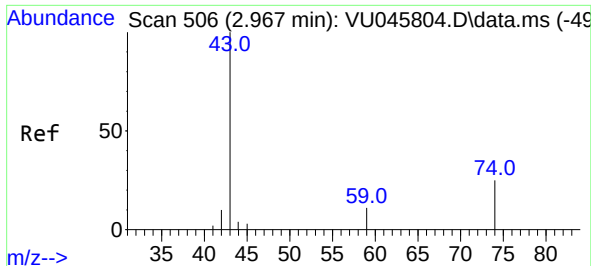
Tgt Ion: 76 Resp: 3580

Ion Ratio Lower Upper

76 100

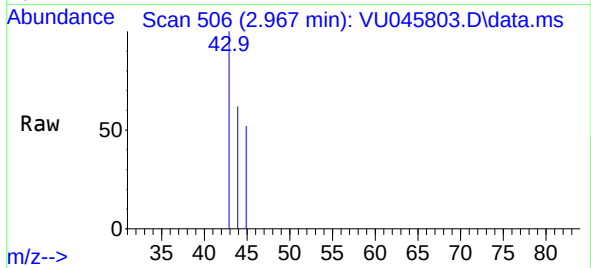
78 9.4 7.5 11.3





#15
Methyl Acetate
Concen: 0.321 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



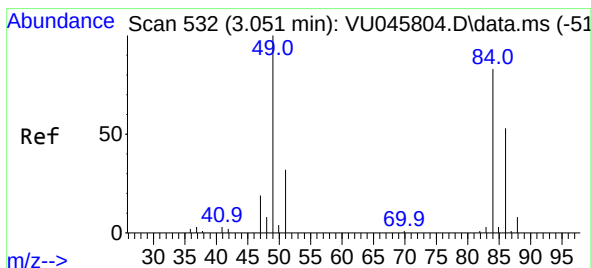
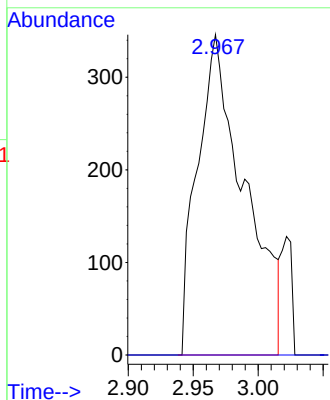
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7

Manual Integrations
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Reviewed By :John
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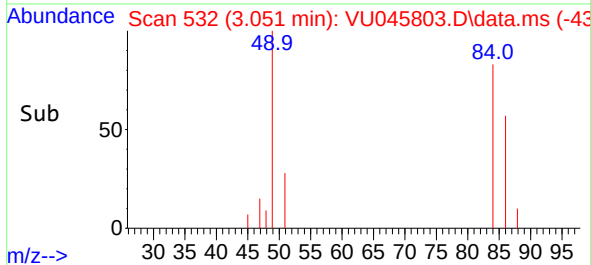
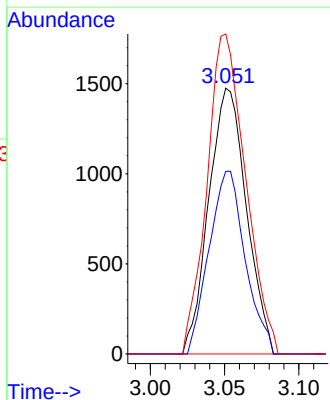
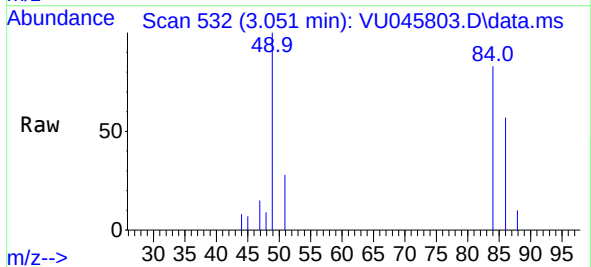
11/17/2021
Supervised By :Mahesh
Dadoda

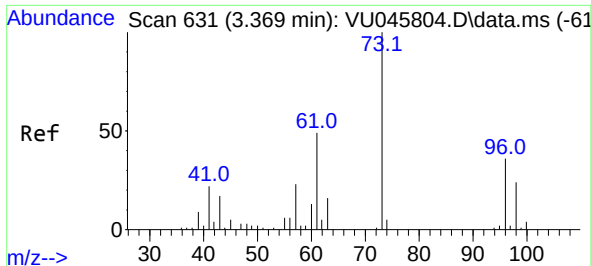
11/17/2021



#16
Methylene chloride
Concen: 0.323 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
86 68.7 45.8 85.0
49 120.4 84.5 156.9





#17
Methyl tert-butyl Ether
Concen: 0.196 ug/L
RT: 3.375 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

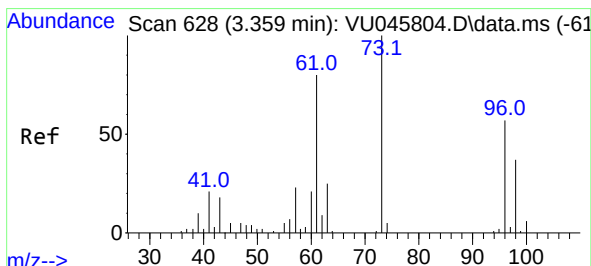
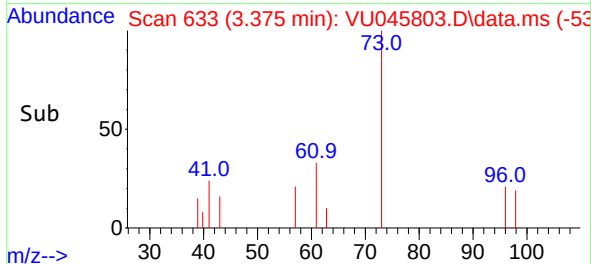
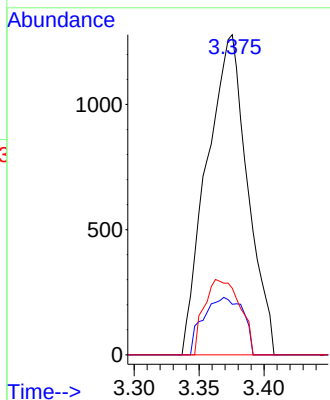
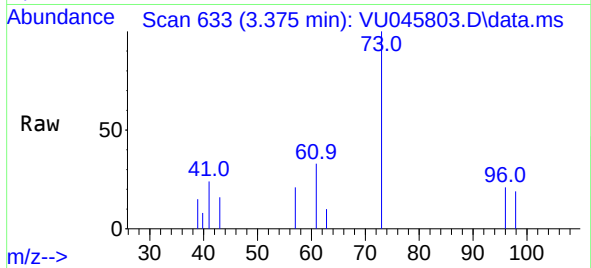
Tgt Ion: 73 Resp: 2780
Ion Ratio Lower Upper
73 100
43 17.4 14.8 22.2
57 20.5 17.4 26.0

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Reviewed By :John
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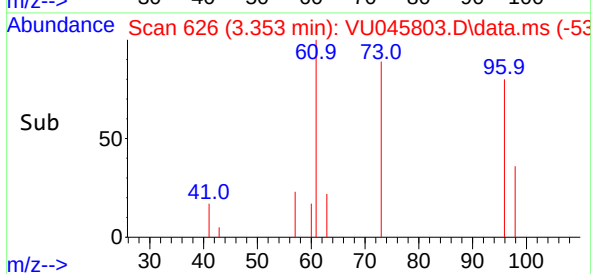
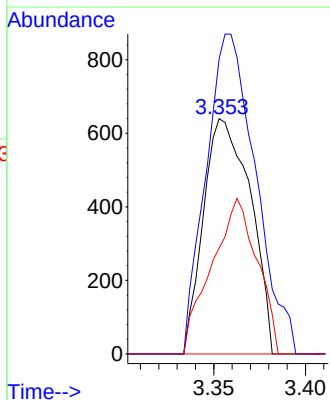
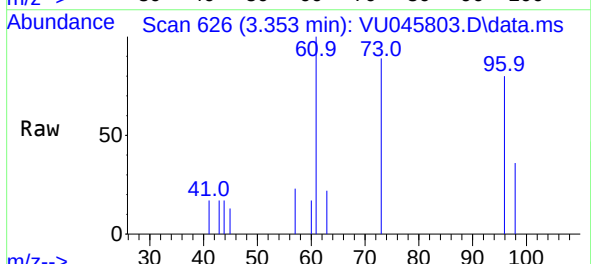
11/17/2021
Supervised By :Mahesh
Dadoda

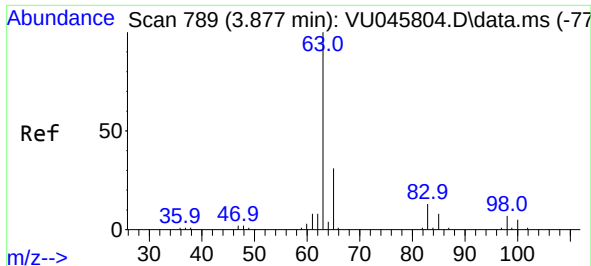
11/17/2021



#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 96 Resp: 1139
Ion Ratio Lower Upper
96 100
61 125.5 100.8 187.2
98 45.0 45.1 83.7#





#19
1,1-Dichloroethane
Concen: 0.185 ug/L
RT: 3.880 min Scan# 79
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

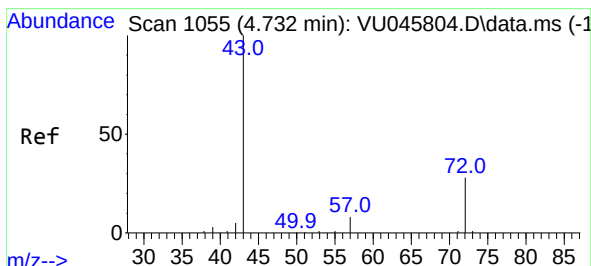
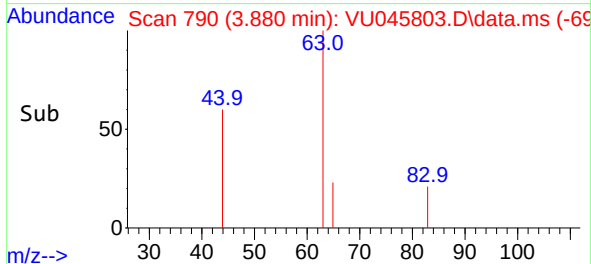
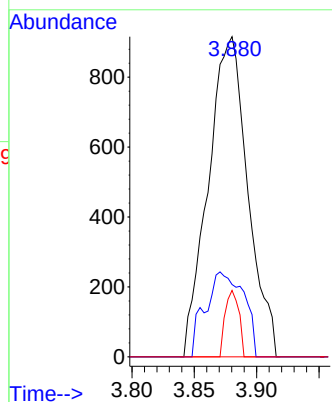
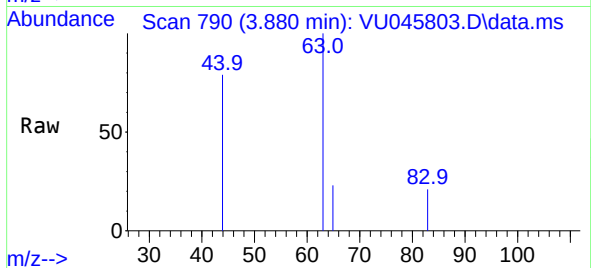
Tgt Ion: 63 Resp: 202
Ion Ratio Lower Upper
63 100
65 22.6 22.3 41.5
83 20.7 9.6 17.8

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Reviewed By :John
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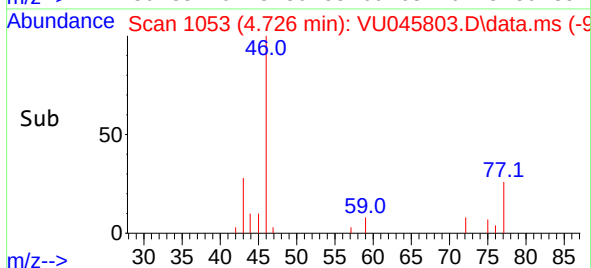
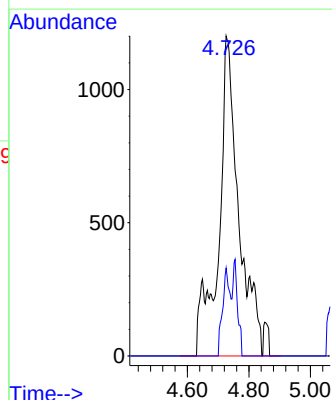
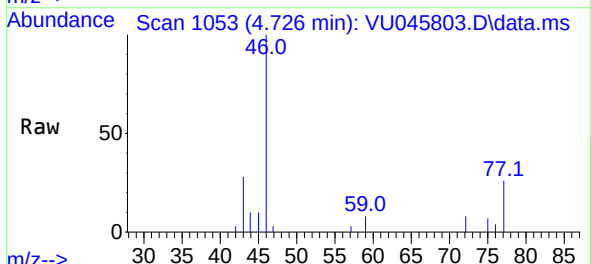
11/17/2021
Supervised By :Mahesh
Dadoda

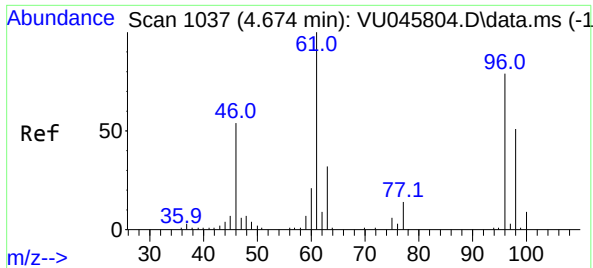
11/17/2021



#21
2-Butanone
Concen: 2.999 ug/L m
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
72 9.8 14.1 42.3#





#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 4.671 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 1208

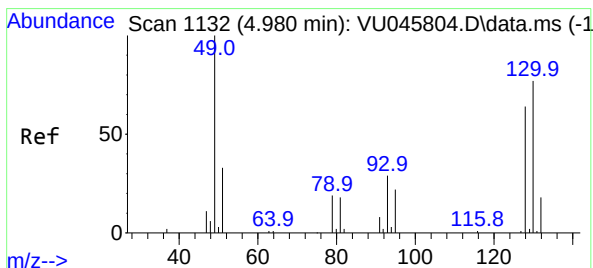
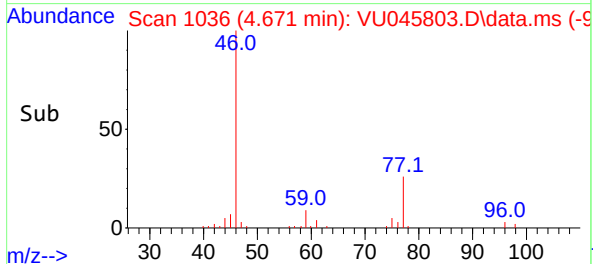
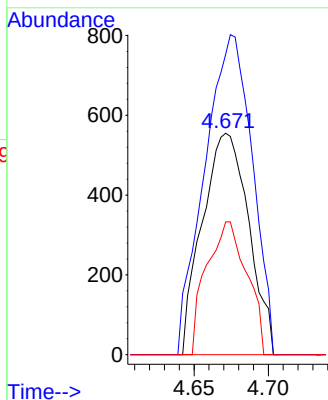
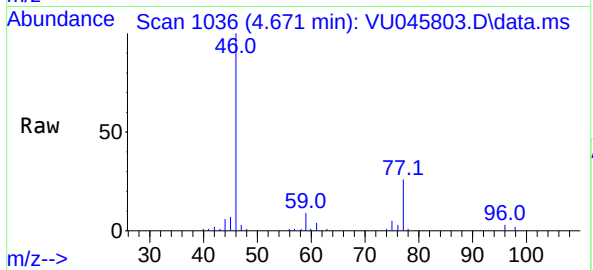
Ion	Ratio	Lower	Upper
96	100		
61	135.7	88.5	164.3
98	60.0	44.4	82.5

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Reviewed By :John
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Supervised By :Mahesh
Dadoda

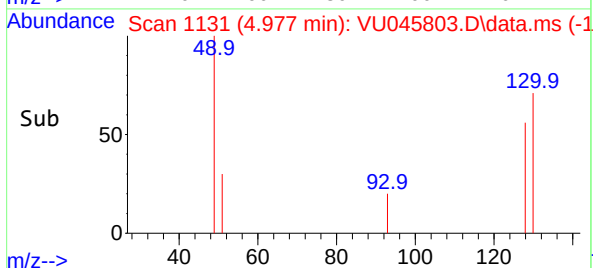
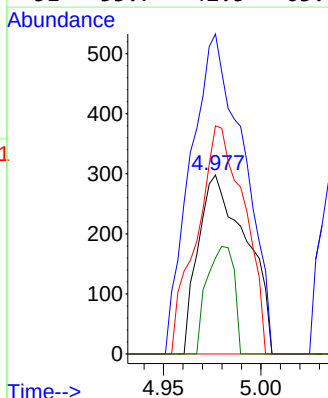
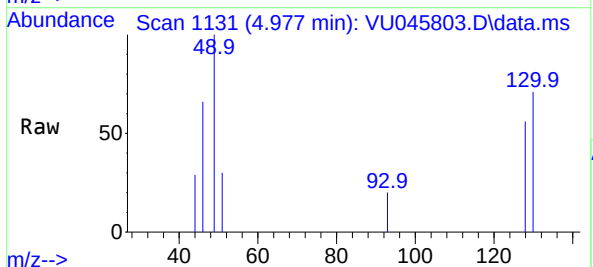
11/17/2021

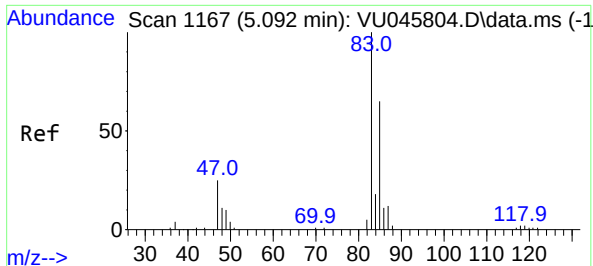


#23
Bromochloromethane
Concen: 0.185 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:128 Resp: 511

Ion	Ratio	Lower	Upper
128	100		
49	178.9	117.0	217.2
130	127.5	88.2	163.8
51	53.7	42.5	63.7





#25

Chloroform

Concen: 0.698 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 83 Resp: 8314
 Ion Ratio Lower Upper
 83 100
 85 67.4 46.9 87.1

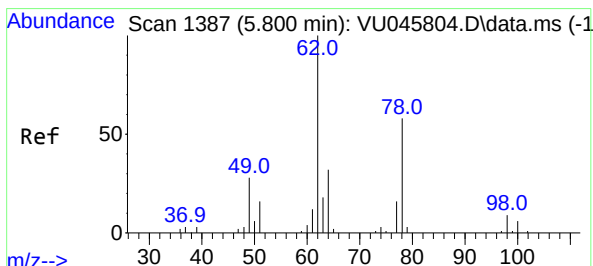
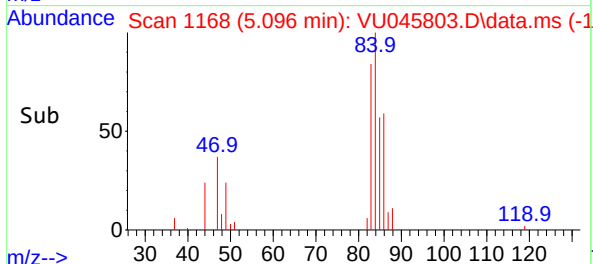
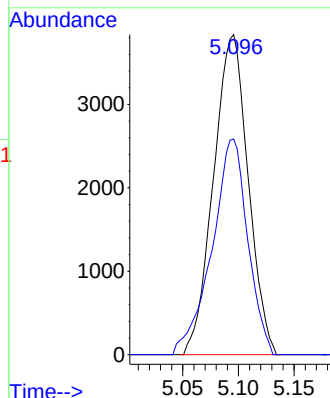
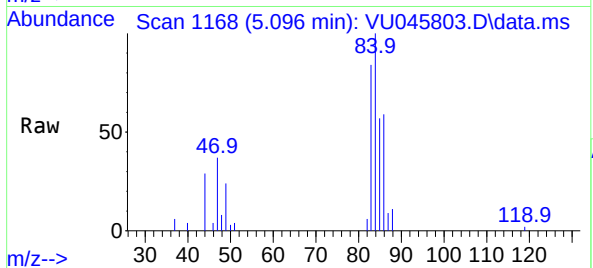
Manual Integrations
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Reviewed By :John
 Carlone

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Supervised By :Mahesh
 Dadoda

11/17/2021



#27

1,2-Dichloroethane

Concen: 0.234 ug/L

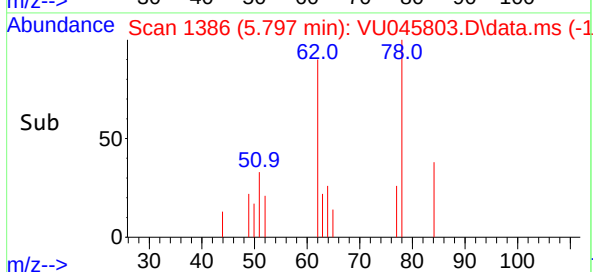
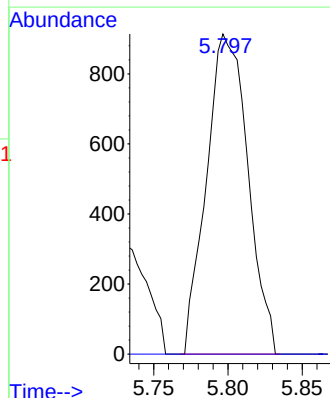
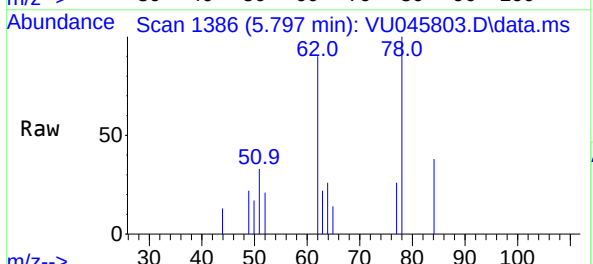
RT: 5.797 min Scan# 1386

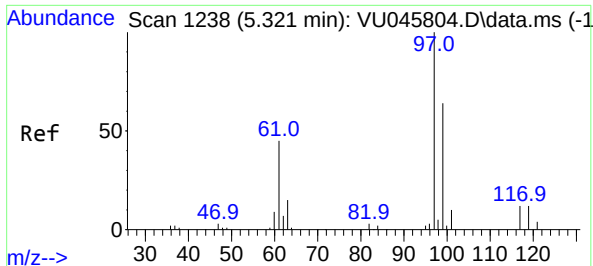
Delta R.T. -0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Tgt Ion: 62 Resp: 1776
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#29
1,1,1-Trichloroethane
Concen: 0.179 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 97 Resp: 1780

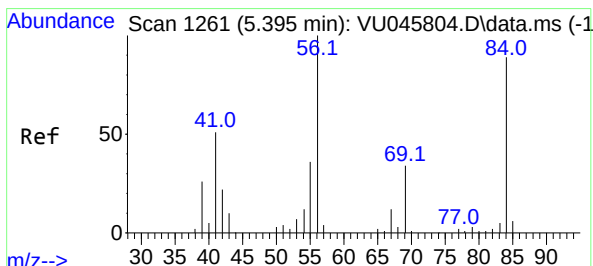
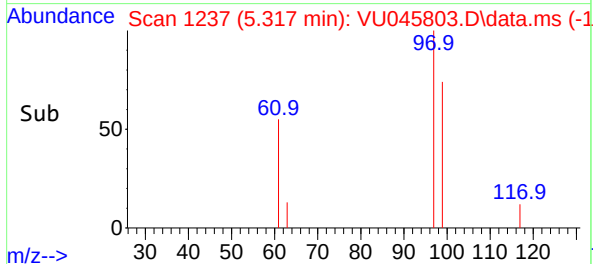
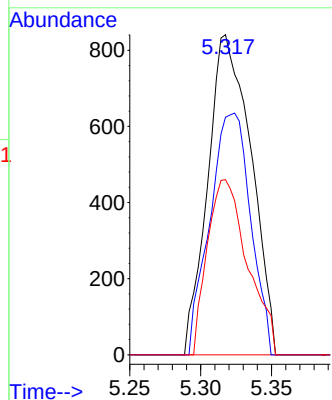
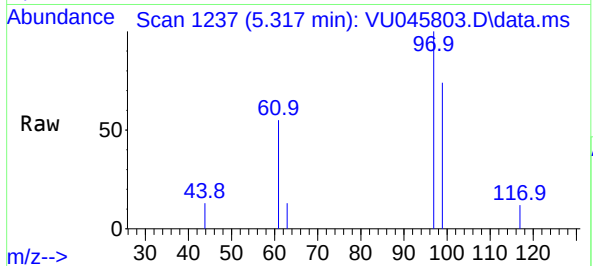
Ion	Ratio	Lower	Upper
97	100		
99	71.1	51.3	76.9
61	51.0	36.1	54.1

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Reviewed By :John
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11/17/2021
Supervised By :Mahesh
Dadoda

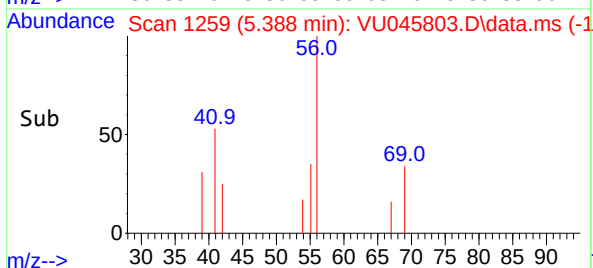
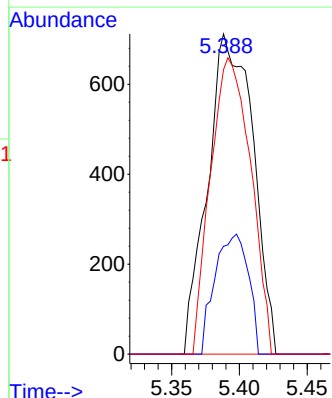
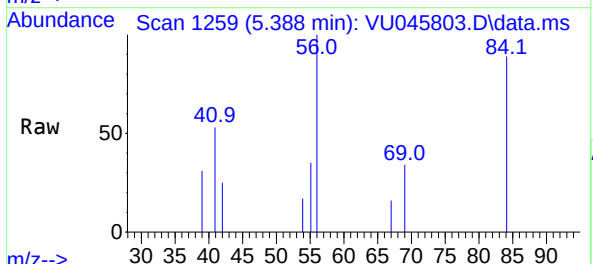
11/17/2021

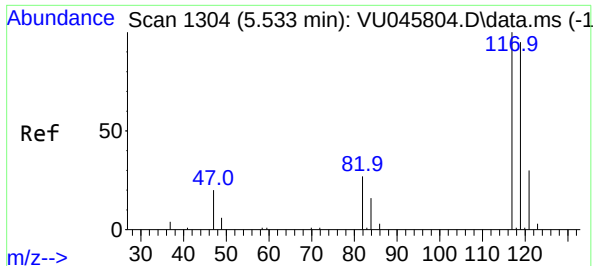


#30
Cyclohexane
Concen: 0.167 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 56 Resp: 1654

Ion	Ratio	Lower	Upper
56	100		
69	27.6	24.7	37.1
84	82.0	71.8	107.6





#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

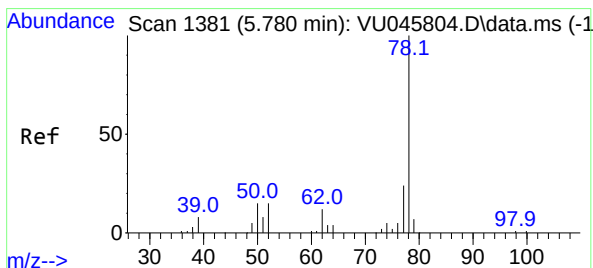
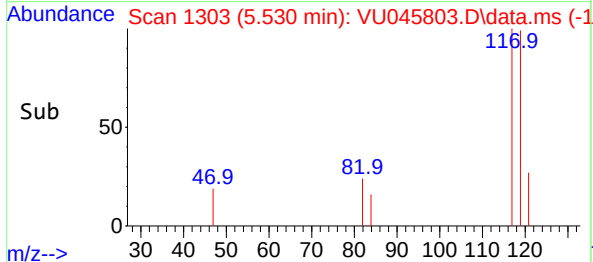
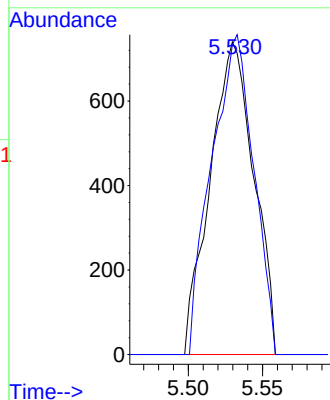
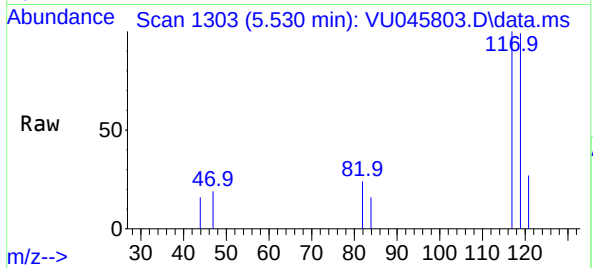
Tgt Ion:117 Resp: 1510
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3

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Reviewed By :John
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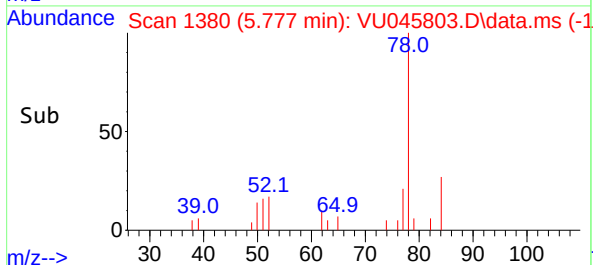
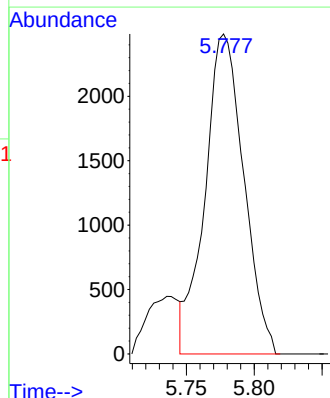
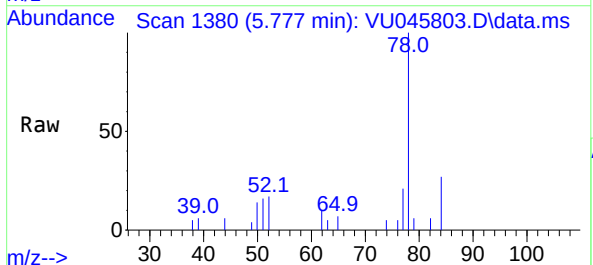
11/17/2021
Supervised By :Mahesh
Dadoda

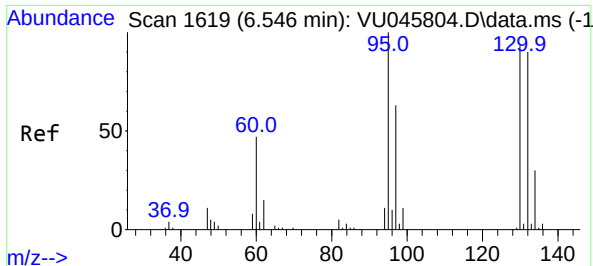
11/17/2021



#33
Benzene
Concen: 0.193 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

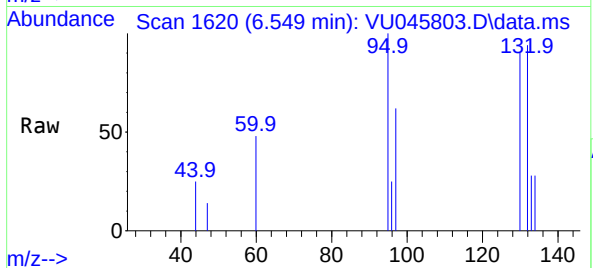
Tgt Ion: 78 Resp: 4935





#34
Trichloroethene
Concen: 0.188 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



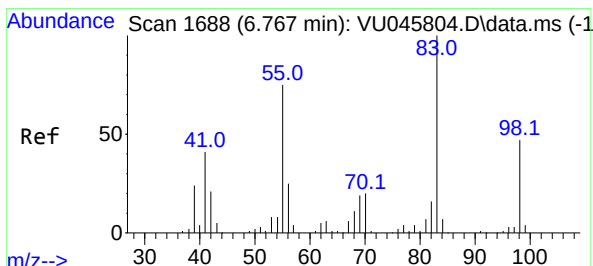
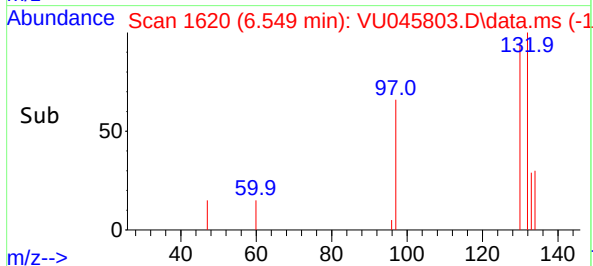
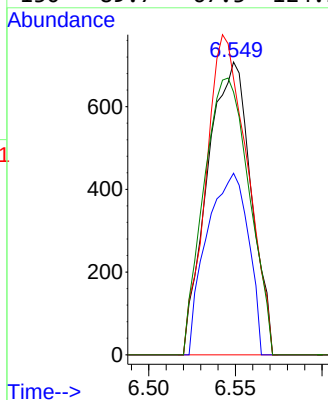
Tgt Ion: 95 Resp: 1240
Ion Ratio Lower Upper
95 100
97 62.0 46.5 86.5
132 94.4 65.1 120.9
130 89.7 67.3 124.9

Manual Integrations
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Reviewed By :John
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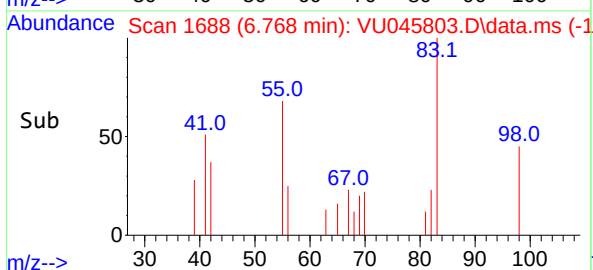
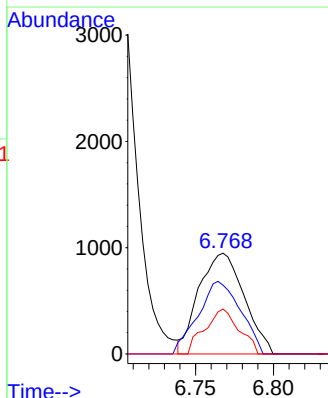
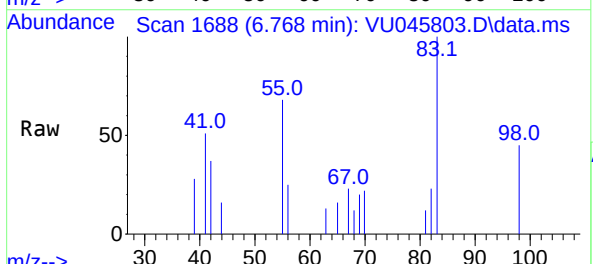
11/17/2021
Supervised By :Mahesh
Dadoda

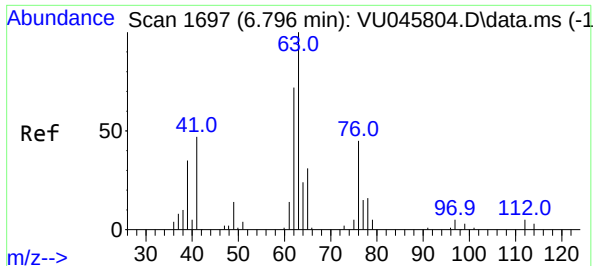
11/17/2021



#35
Methylcyclohexane
Concen: 0.189 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 83 Resp: 1915
Ion Ratio Lower Upper
83 100
55 67.6 61.9 92.9
98 33.8 39.0 58.6#





#37
1,2-Dichloropropane
Concen: 0.195 ug/L
RT: 6.800 min Scan# 1697
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

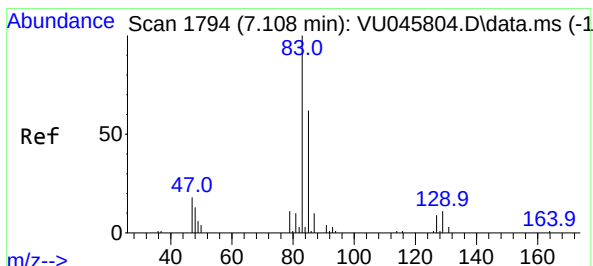
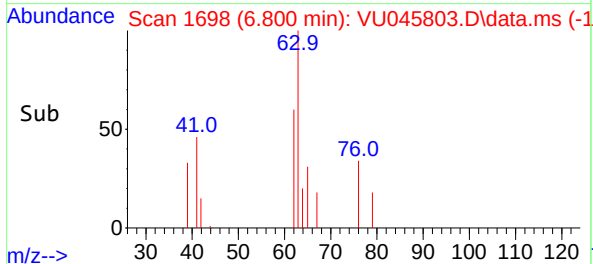
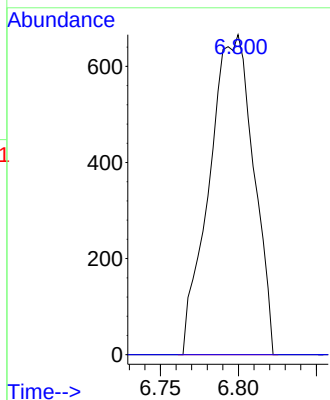
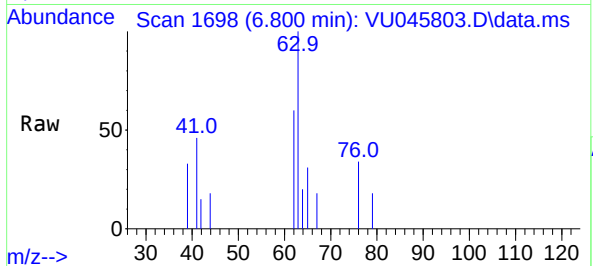
Tgt Ion: 63 Resp: 1310
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

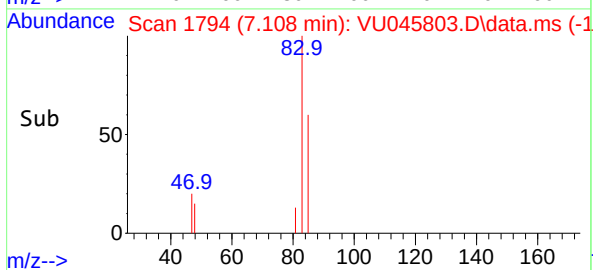
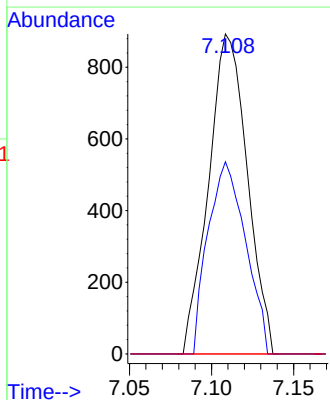
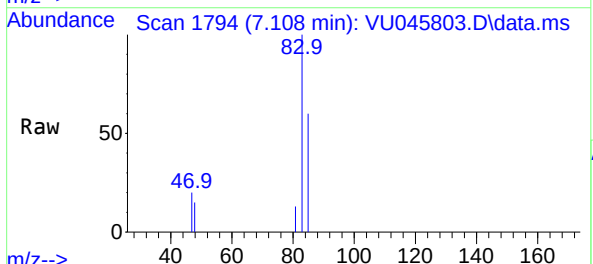
11/17/2021
Supervised By :Mahesh
Dadoda

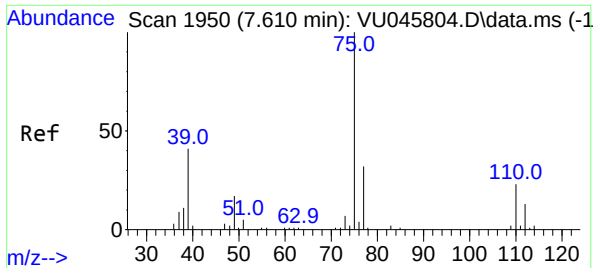
11/17/2021



#38
Bromodichloromethane
Concen: 0.176 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

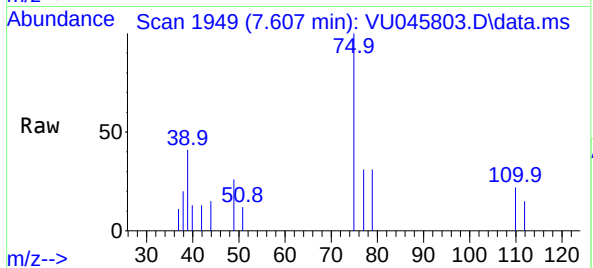
Tgt Ion: 83 Resp: 1464
Ion Ratio Lower Upper
83 100
85 60.0 44.0 81.8
127 0.0 6.3 9.5





#39
 cis-1,3-Dichloropropene
 Concen: 0.182 ug/L
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

Instrument : MSVOA_U
 ClientSampleId : MDL07



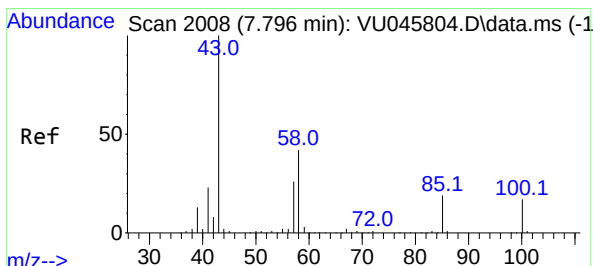
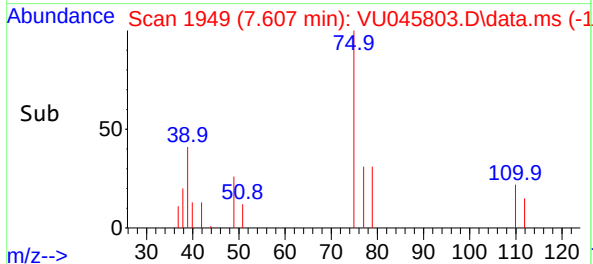
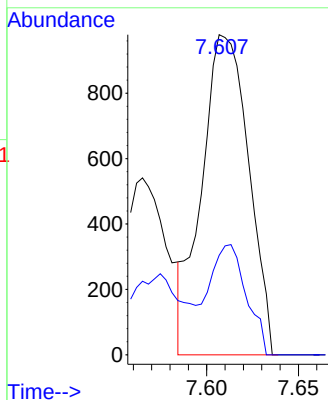
Tgt Ion: 75 Resp: 1744
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.9

Manual Integrations
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Reviewed By :John
 Carlone

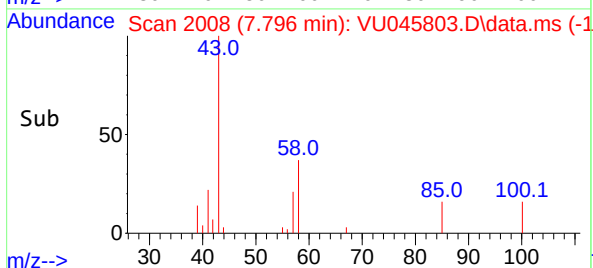
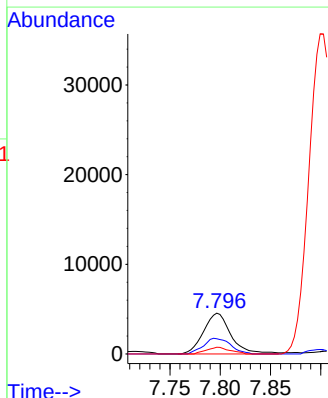
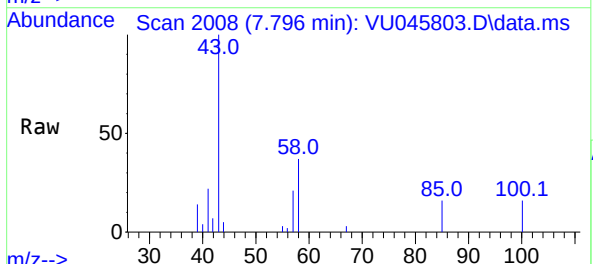
11/17/2021
 Supervised By :Mahesh
 Dadoda

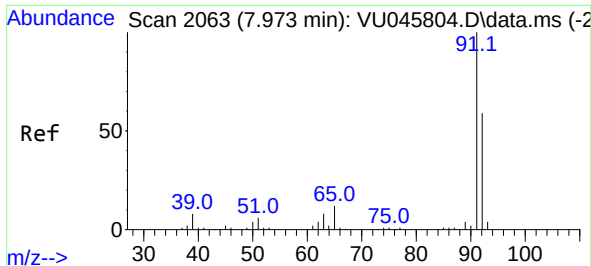
11/17/2021



#40
 4-Methyl-2-pentanone
 Concen: 1.952 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

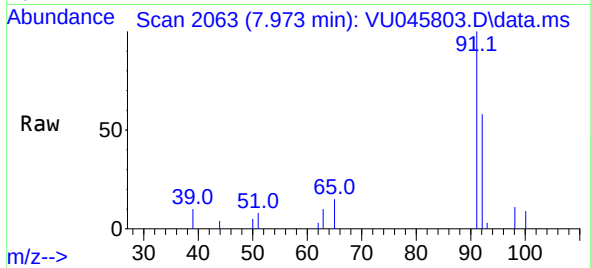
Tgt Ion: 43 Resp: 8620
 Ion Ratio Lower Upper
 43 100
 58 37.8 33.1 49.7
 100 0.0 13.2 19.8#





#42
Toluene
Concen: 0.237 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



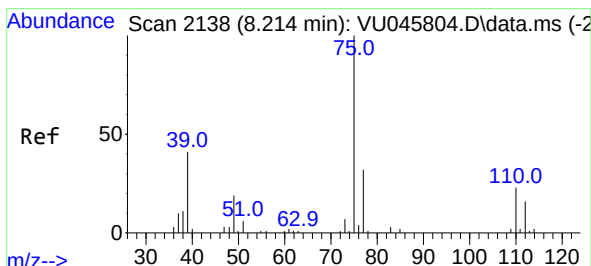
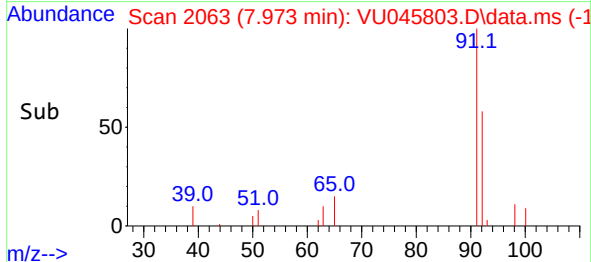
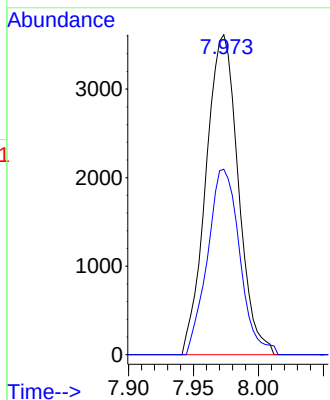
Tgt Ion: 91 Resp: 6260
Ion Ratio Lower Upper
91 100
92 58.0 41.3 76.7

Manual Integrations
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Reviewed By :John
Carlone

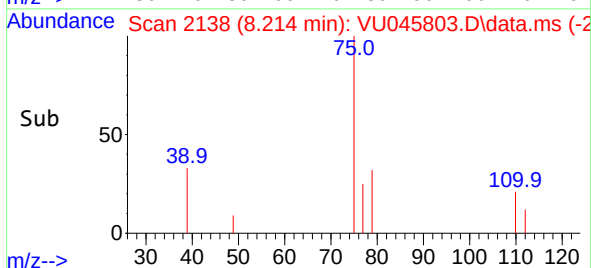
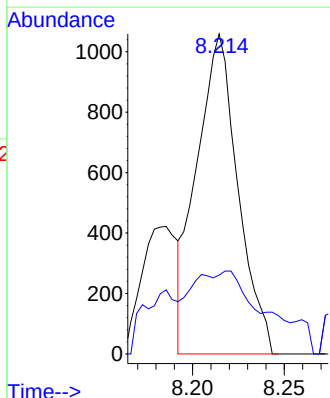
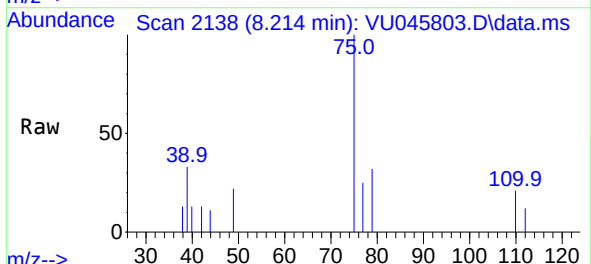
11/17/2021
Supervised By :Mahesh
Dadoda

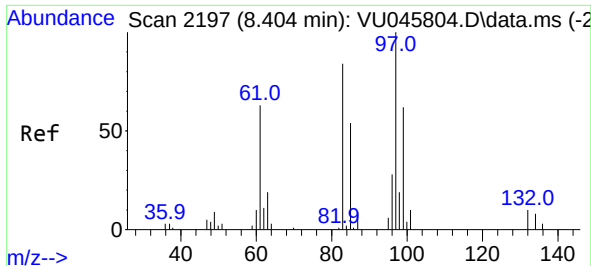
11/17/2021



#44
trans-1,3-Dichloropropene
Concen: 0.199 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 75 Resp: 1659
Ion Ratio Lower Upper
75 100
77 24.6 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 0.199 ug/L

RT: 8.407 min Scan# 2197

Delta R.T. 0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 99

Ion Ratio Lower Upper

97 100

99 46.3 42.3 78.5

83 85.4 62.0 115.2

85 51.6 40.1 74.5

Manual Integrations

APPROVED

Reviewed By :John

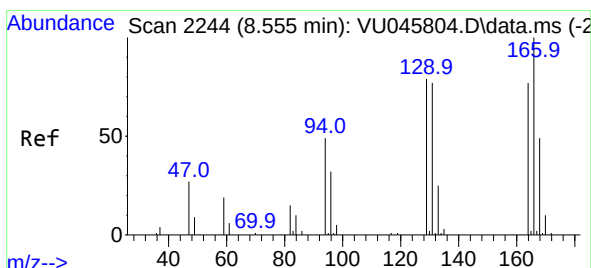
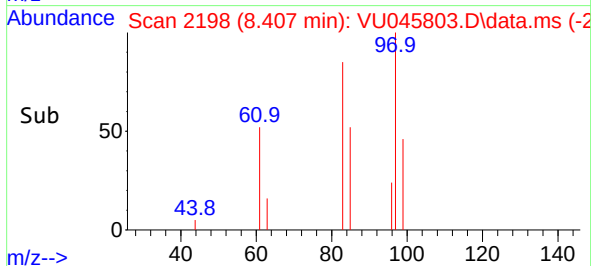
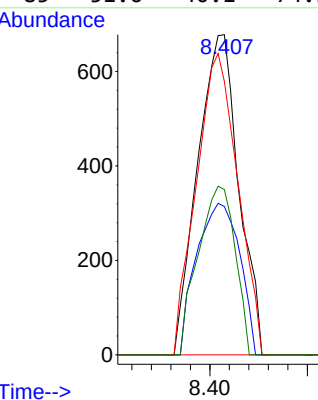
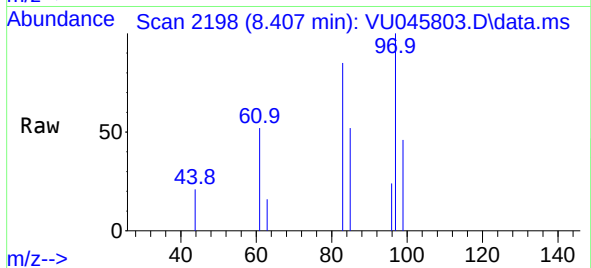
Carlone

11/17/2021

Supervised By :Mahesh

Dadoda

11/17/2021



#47

Tetrachloroethene

Concen: 0.196 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Tgt Ion:164 Resp: 907

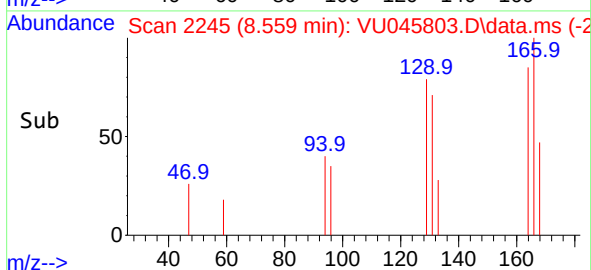
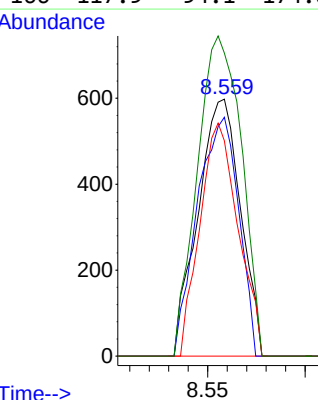
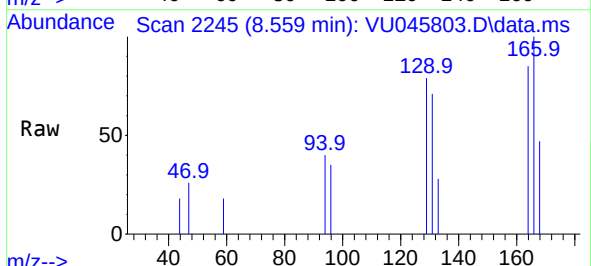
Ion Ratio Lower Upper

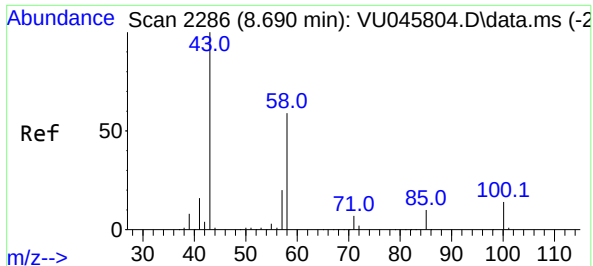
164 100

129 93.0 71.8 133.4

131 83.8 68.5 127.3

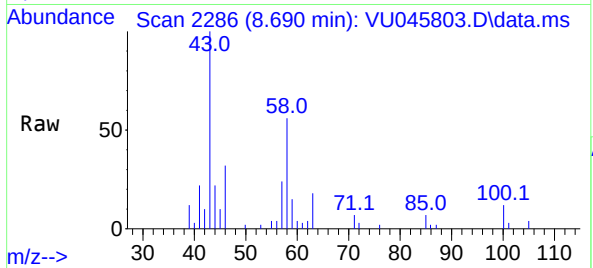
166 117.9 94.1 174.8





#48
2-Hexanone
Concen: 3.720 ug/L
RT: 8.690 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



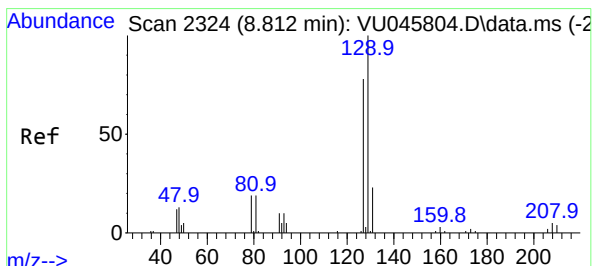
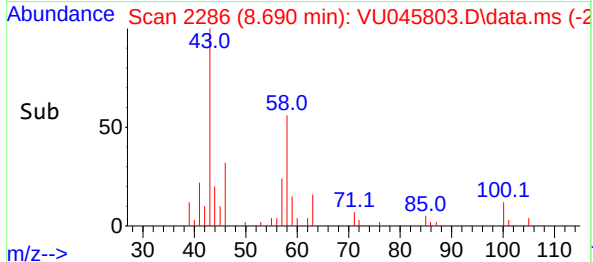
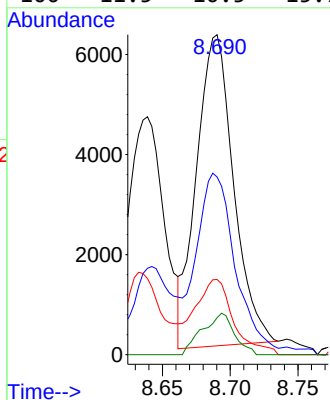
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 58.1 46.7 70.1
57 25.7 16.3 24.5
100 11.5 10.5 15.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

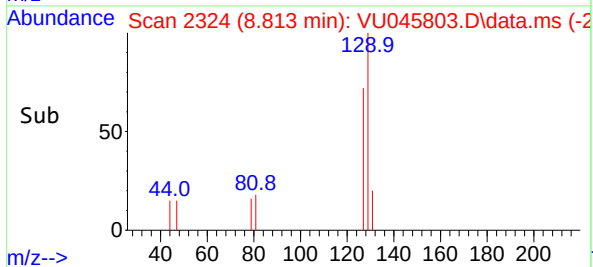
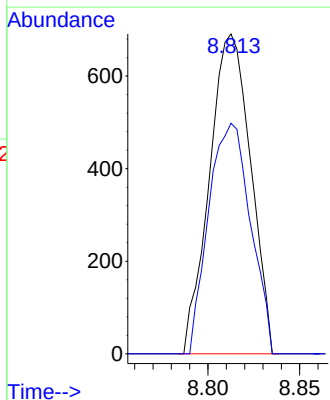
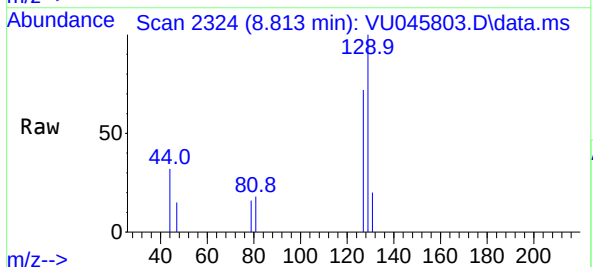
11/17/2021
Supervised By :Mahesh
Dadoda

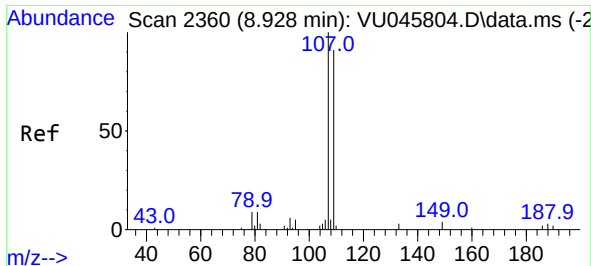
11/17/2021



#49
Dibromochloromethane
Concen: 0.190 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

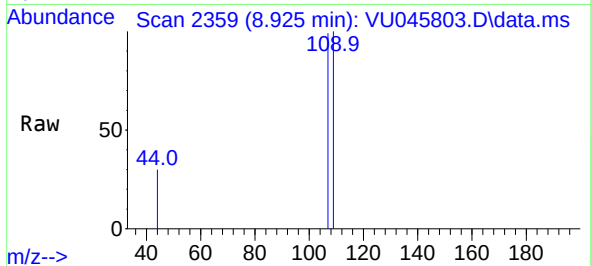
Tgt Ion:129 Resp: 1080
Ion Ratio Lower Upper
129 100
127 72.1 55.4 102.8





#50
1,2-Dibromoethane
Concen: 0.193 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



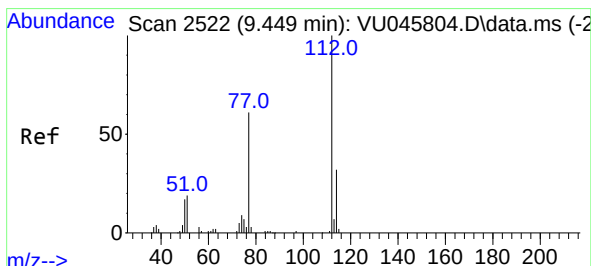
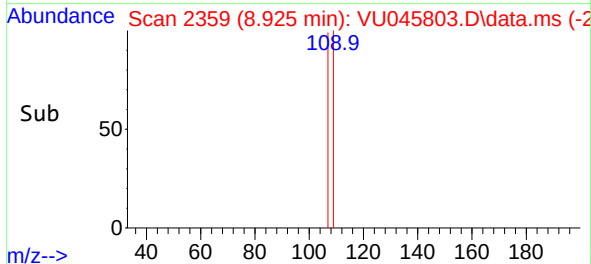
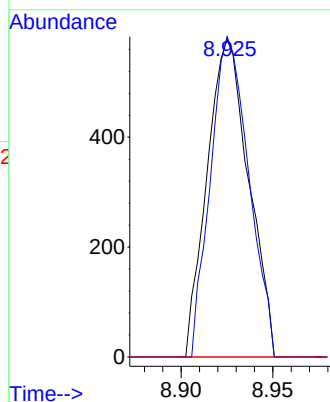
Tgt Ion:107 Resp: 91
Ion Ratio Lower Upper
107 100
109 100.9 64.0 119.0
188 0.0 2.4 3.6

Manual Integrations
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Reviewed By :John
Carlone

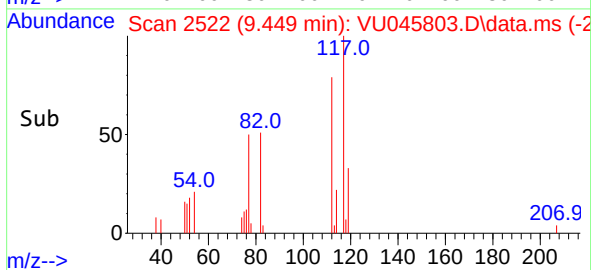
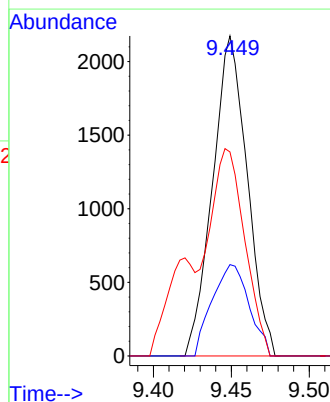
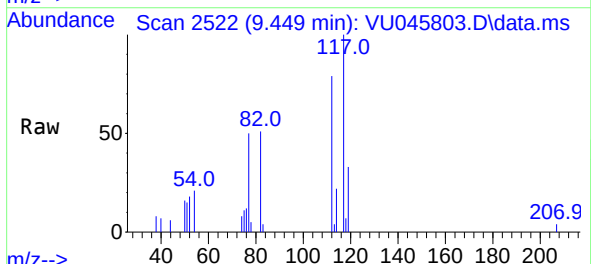
11/17/2021
Supervised By :Mahesh
Dadoda

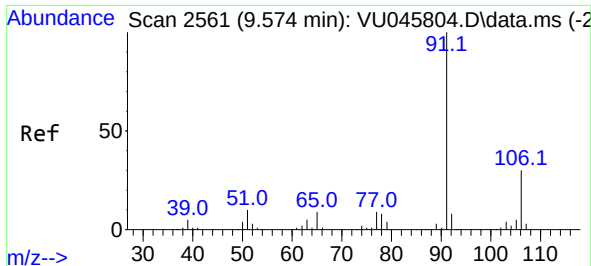
11/17/2021



#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:112 Resp: 3353
Ion Ratio Lower Upper
112 100
114 28.6 22.1 41.1
77 63.8 48.3 72.5





#52
Ethylbenzene
Concen: 0.180 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

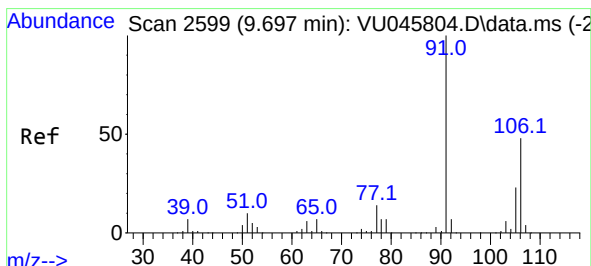
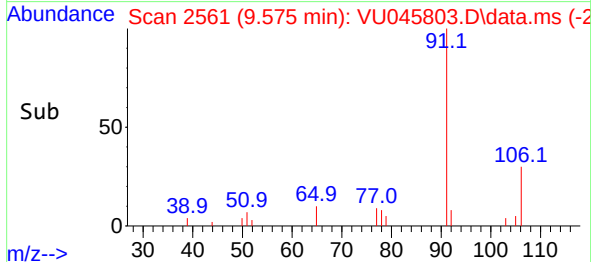
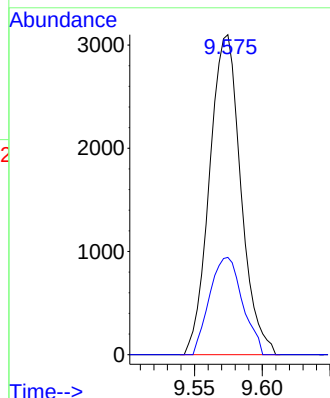
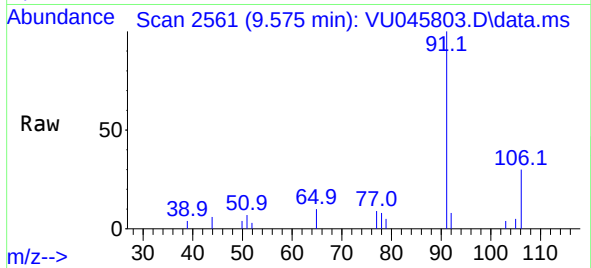
Tgt Ion: 91 Resp: 4975
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9

Manual Integrations
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Reviewed By :John
Carlone

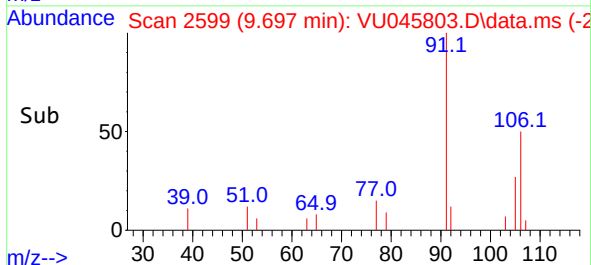
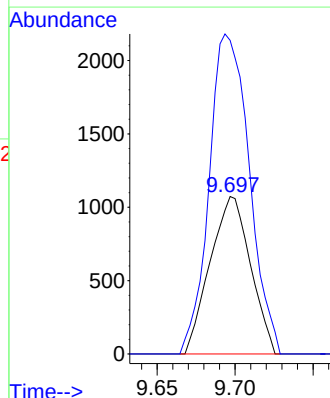
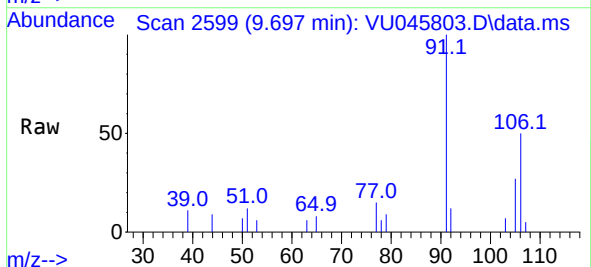
11/17/2021
Supervised By :Mahesh
Dadoda

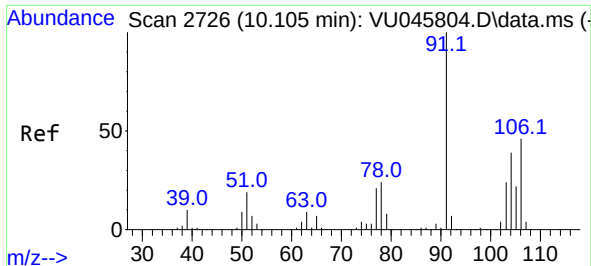
11/17/2021



#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:106 Resp: 1929
Ion Ratio Lower Upper
106 100
91 199.2 139.4 259.0





#54
o-Xylene
Concen: 0.160 ug/L
RT: 10.102 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

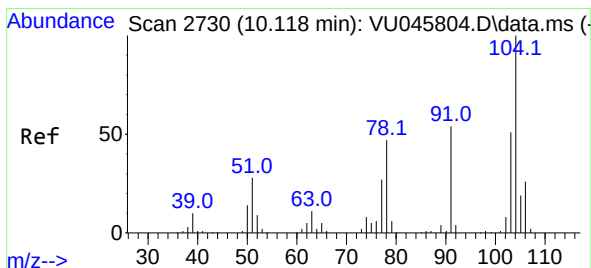
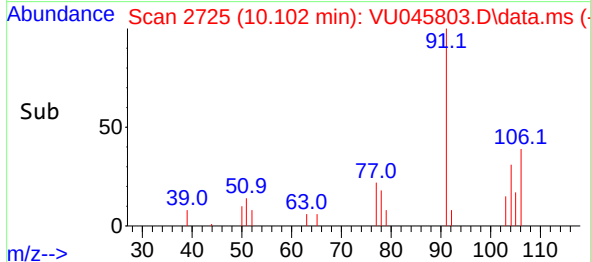
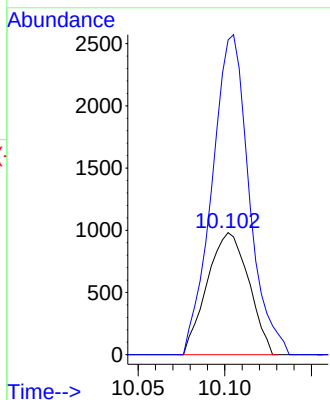
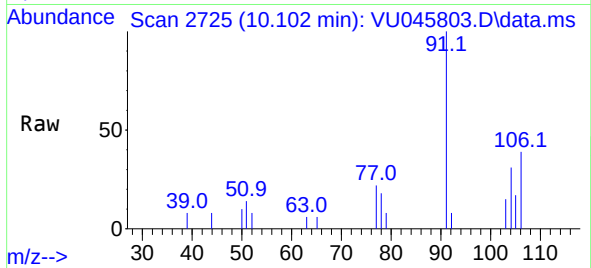
Tgt Ion:106 Resp: 1638
Ion Ratio Lower Upper
106 100
91 257.9 147.5 273.9

Manual Integrations
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Reviewed By :John
Carlone

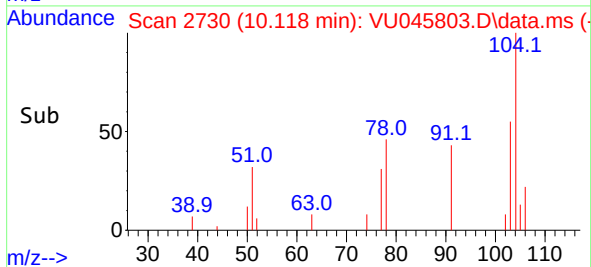
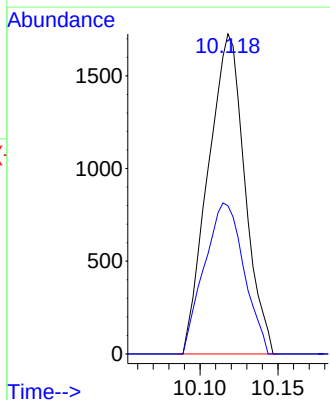
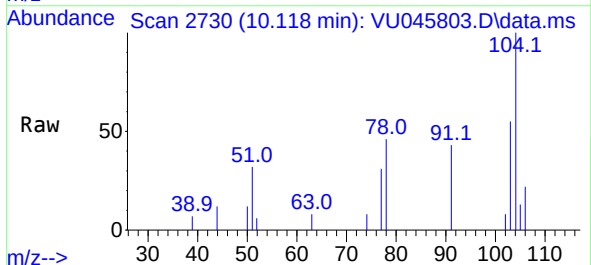
11/17/2021
Supervised By :Mahesh
Dadoda

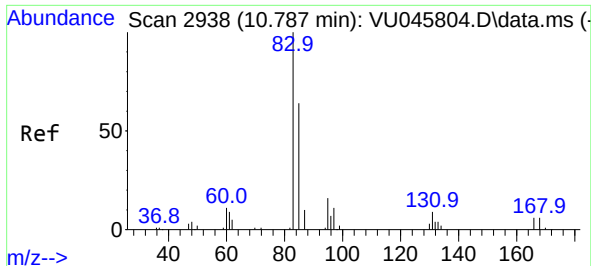
11/17/2021



#55
Styrene
Concen: 0.164 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

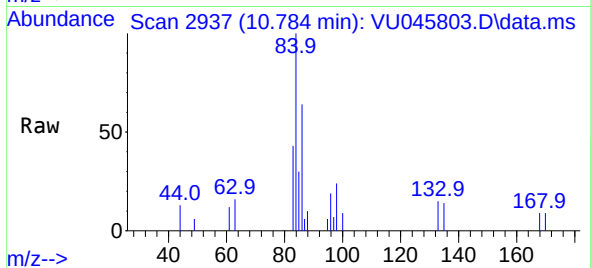
Tgt Ion:104 Resp: 2826
Ion Ratio Lower Upper
104 100
78 46.3 33.0 61.4





#57
1,1,2,2-Tetrachloroethane
Concen: 0.206 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



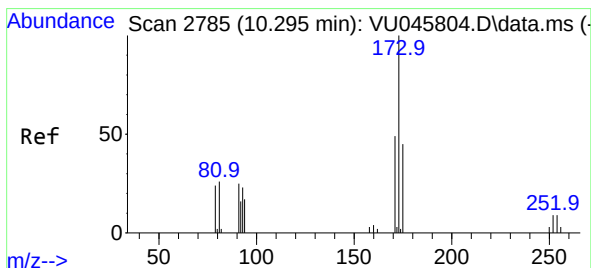
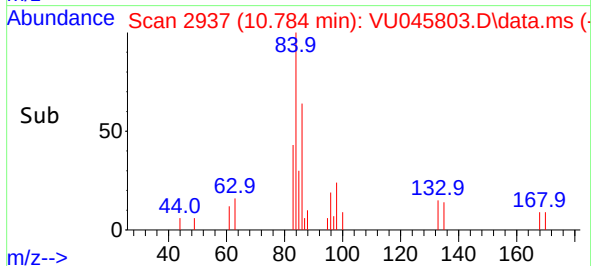
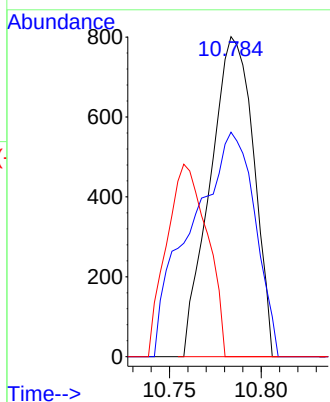
Tgt Ion: 83 Resp: 1310
Ion Ratio Lower Upper
83 100
85 70.2 47.9 89.1
131 0.0 8.1 12.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

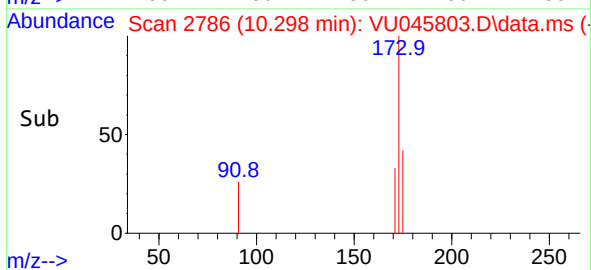
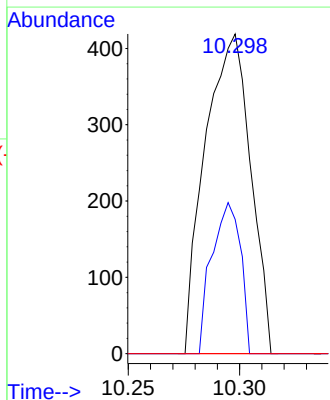
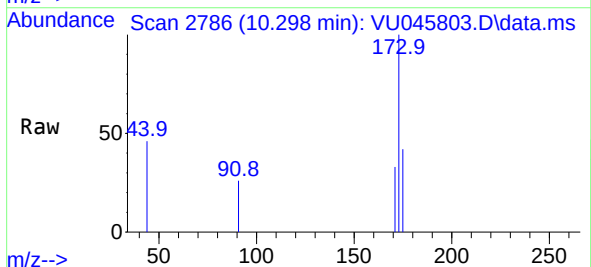
11/17/2021
Supervised By :Mahesh
Dadoda

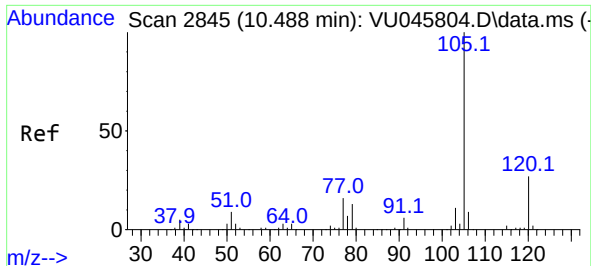
11/17/2021



#59
Bromoform
Concen: 0.208 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

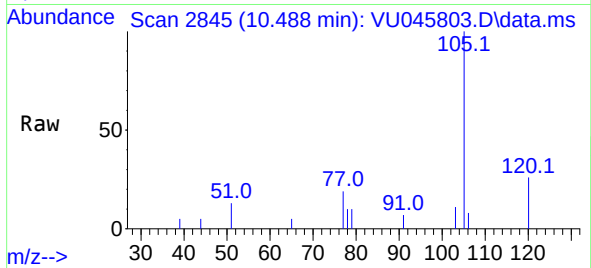
Tgt Ion:173 Resp: 593
Ion Ratio Lower Upper
173 100
175 29.8 37.8 56.6#
254 0.0 7.3 10.9#





#60
Isopropylbenzene
Concen: 0.165 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



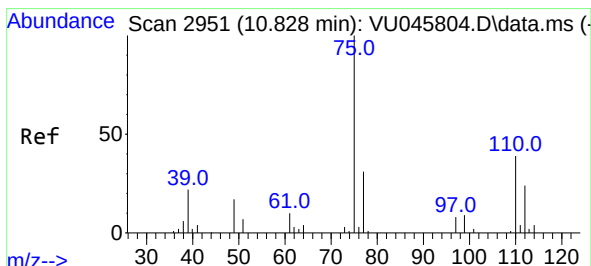
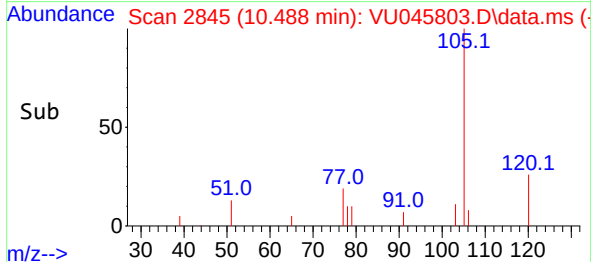
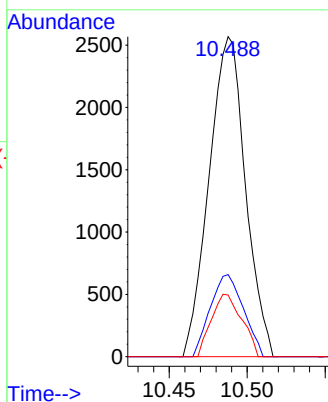
Tgt Ion:105 Resp: 416
Ion Ratio Lower Upper
105 100
120 23.4 20.7 31.1
77 16.3 12.6 19.0

Manual Integrations
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Reviewed By :John
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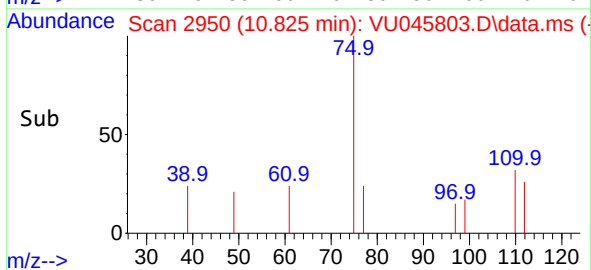
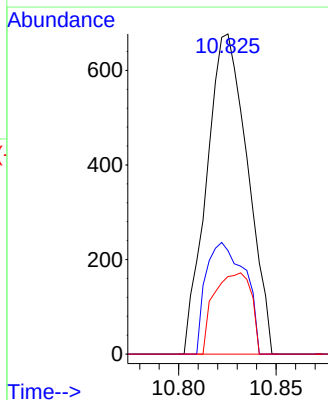
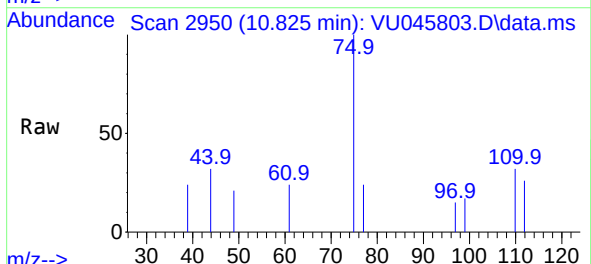
11/17/2021
Supervised By :Mahesh
Dadoda

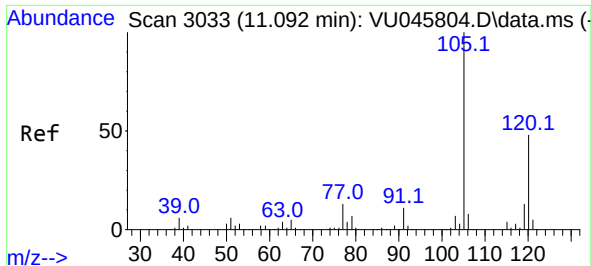
11/17/2021



#61
1,2,3-Trichloropropane
Concen: 0.222 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
110 33.3 29.9 44.9
77 22.9 25.5 38.3#





#62
1,3,5-Trimethylbenzene
Concen: 0.159 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07

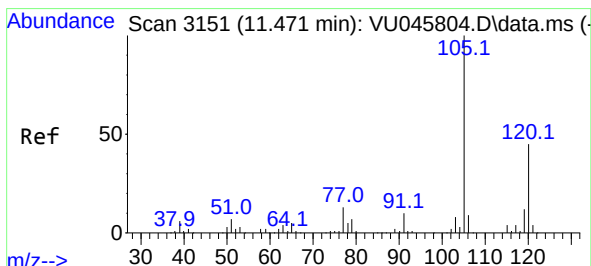
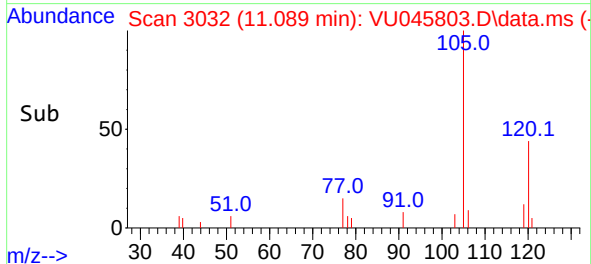
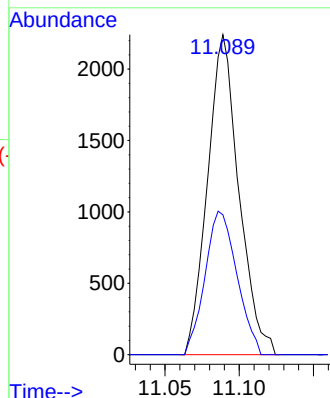
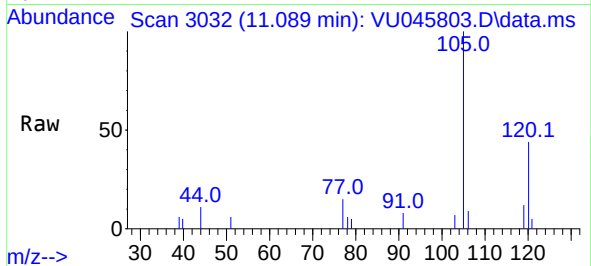
Tgt Ion:105 Resp: 328
Ion Ratio Lower Upper
105 100
120 45.7 38.3 57.5

Manual Integrations
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Reviewed By :John
Carlone

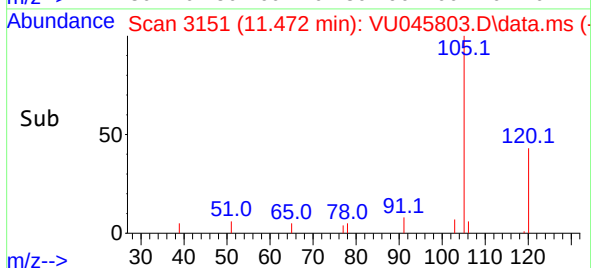
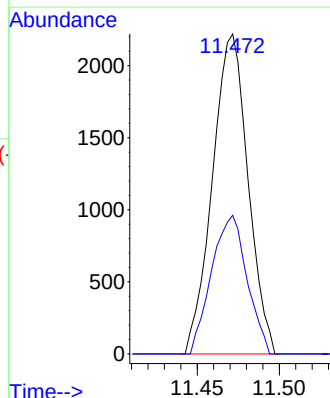
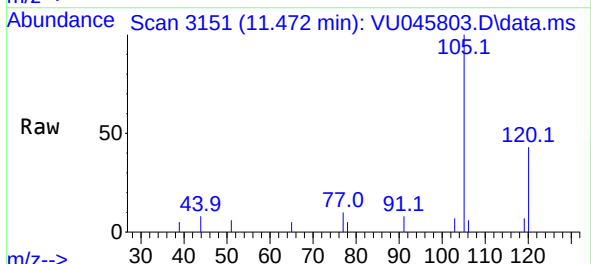
11/17/2021
Supervised By :Mahesh
Dadoda

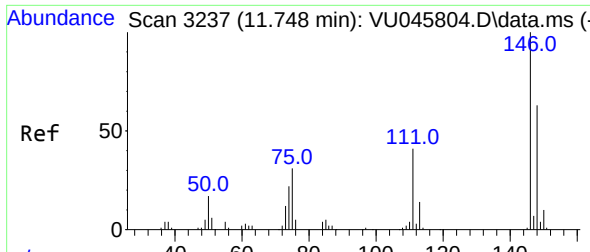
11/17/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.162 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

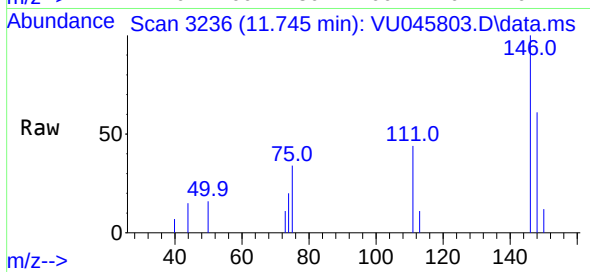
Tgt Ion:105 Resp: 3336
Ion Ratio Lower Upper
105 100
120 43.3 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



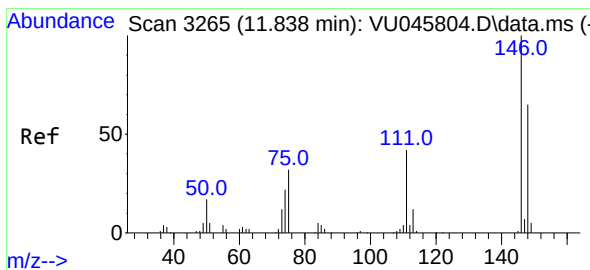
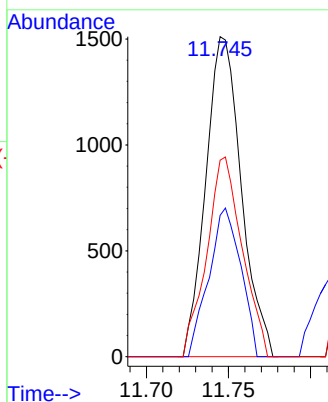
Tgt Ion:146 Resp: 227
Ion Ratio Lower Upper
146 100
111 44.1 29.9 55.5
148 61.4 44.3 82.3

Manual Integrations
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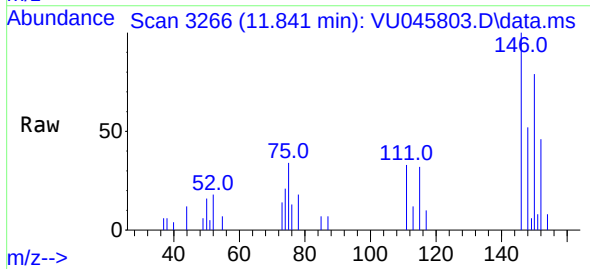
Reviewed By :John
Carlone

11/17/2021
Supervised By :Mahesh
Dadoda

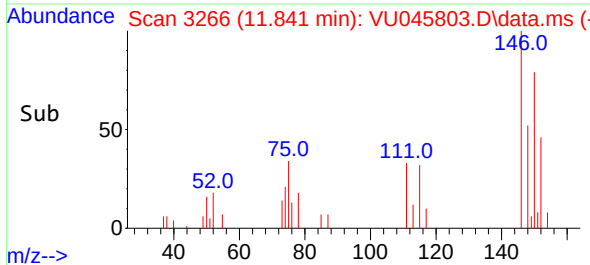
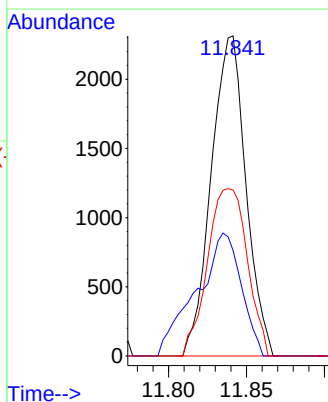
11/17/2021

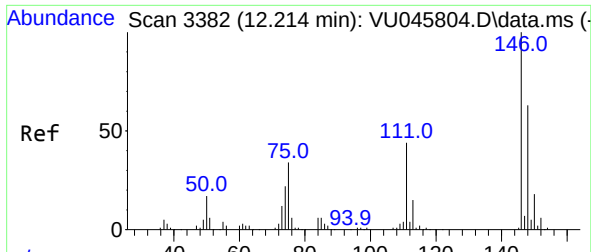


#65
1,4-Dichlorobenzene
Concen: 0.300 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49



Tgt Ion:146 Resp: 3584
Ion Ratio Lower Upper
146 100
111 32.9 28.7 53.3
148 51.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.207 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion:146	Resp:	2340
Ion Ratio	Lower	Upper
146	100	
111	38.6	35.4 53.0
148	69.3	51.1 76.7

Manual Integrations

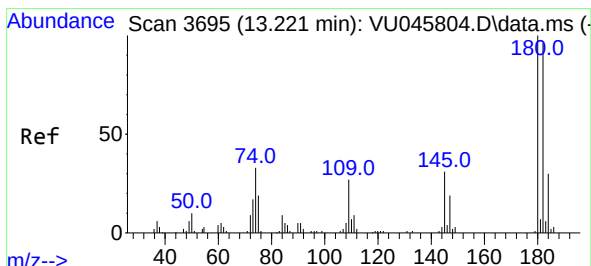
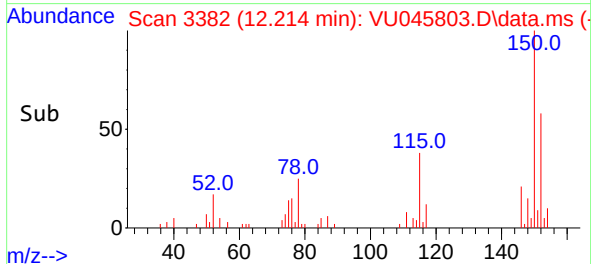
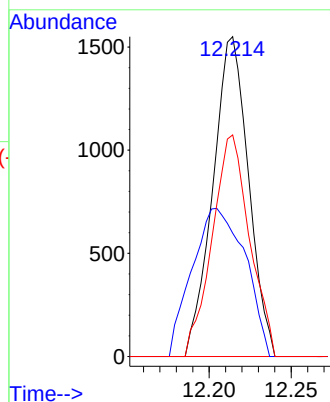
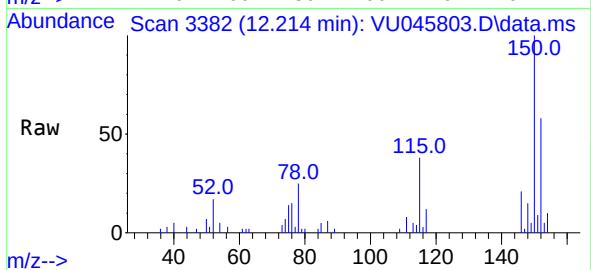
APPROVED

Reviewed By :John
Carlone

11/17/2021

Supervised By :Mahesh
Dadoda

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#69

1,3,5-Trichlorobenzene

Concen: 0.152 ug/L

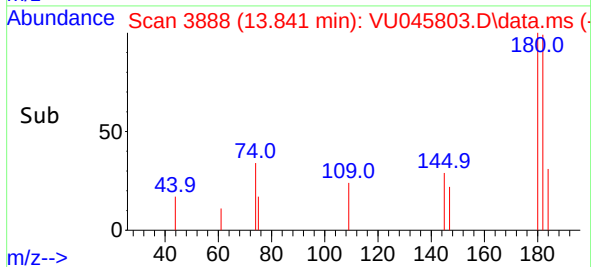
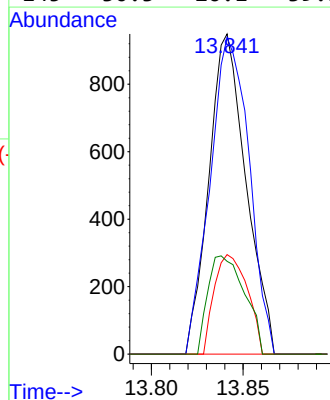
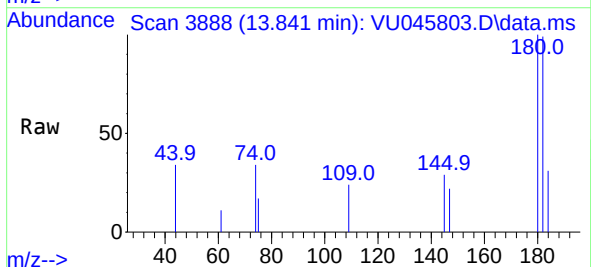
RT: 13.841 min Scan# 3888

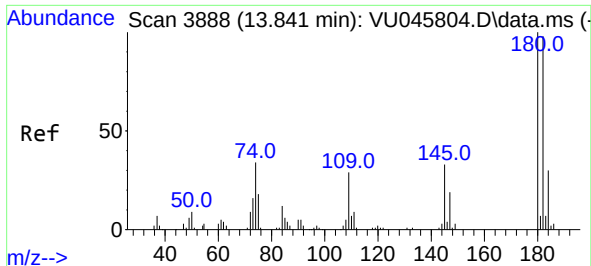
Delta R.T. 0.621 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

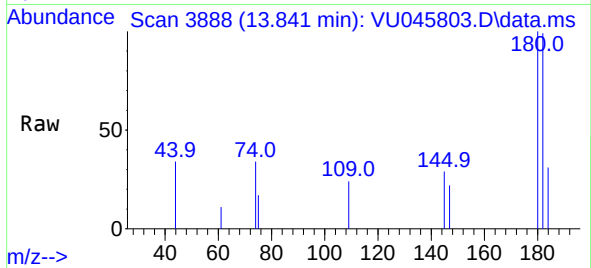
Tgt Ion:180	Resp:	1339
Ion Ratio	Lower	Upper
180	100	
182	103.8	76.1 114.1
184	27.6	25.0 37.4
145	30.3	26.1 39.1





#70
1,2,4-trichlorobenzene
Concen: 0.180 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL07



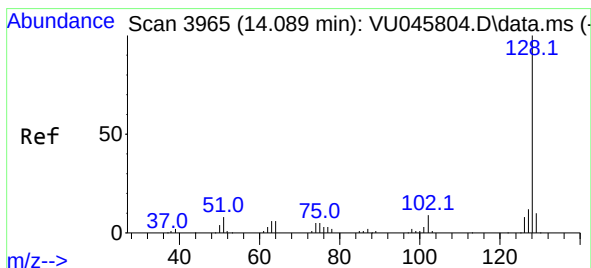
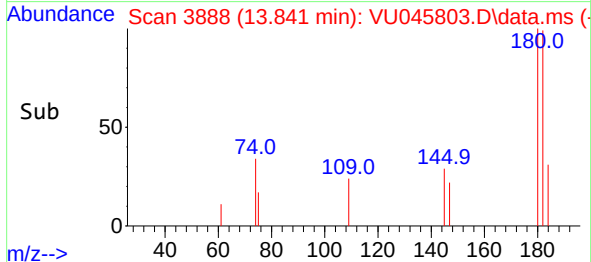
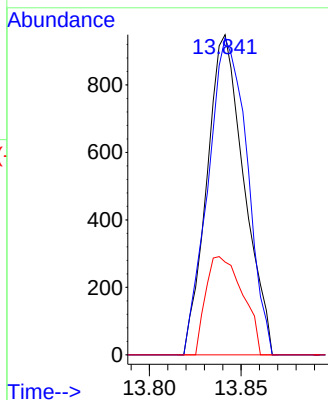
Tgt Ion:180 Resp: 1339
Ion Ratio Lower Upper
180 100
182 103.8 76.4 114.6
145 30.3 25.6 38.4

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Reviewed By :John
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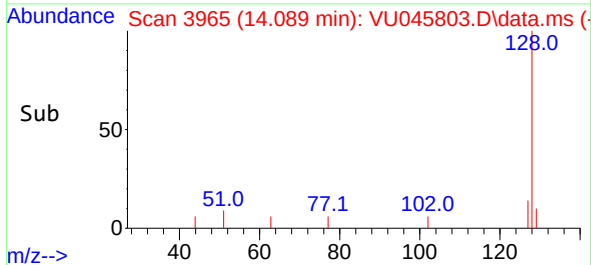
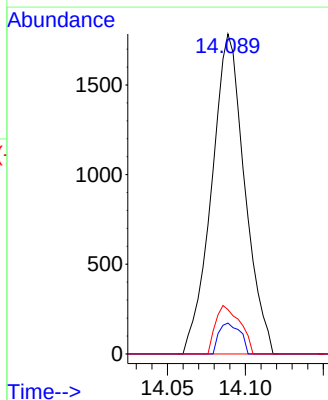
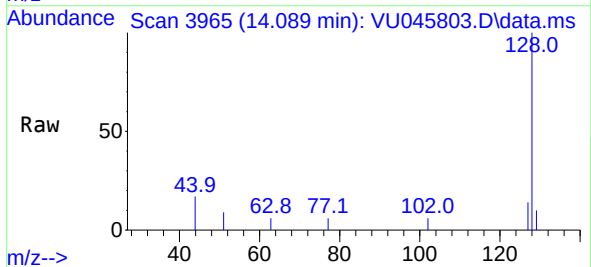
11/17/2021
Supervised By :Mahesh
Dadoda

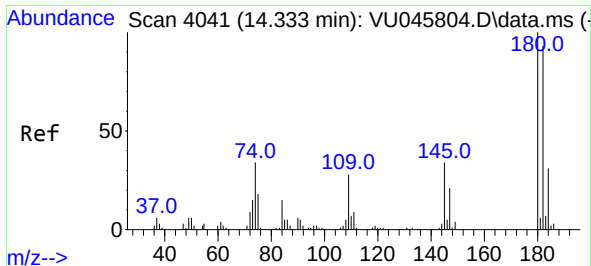
11/17/2021



#71
Naphthalene
Concen: 0.172 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

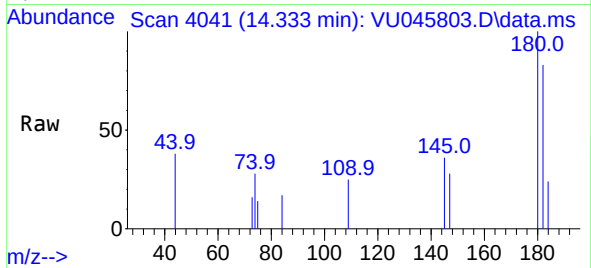
Tgt Ion:128 Resp: 2632
Ion Ratio Lower Upper
128 100
129 6.2 8.4 12.6#
127 11.2 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.178 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07



Tgt Ion:180	Resp:	132
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.2 114.4
145	32.4	28.4 42.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/17/2021
 Supervised By :Mahesh
 Dadoda

11/17/2021

