

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
 Data File : VU054905.D
 Acq On : 28 Jul 2023 10:05
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 23:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	27581	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10696	1.279	ug/l	0.00
Spiked Amount 1.000			Recovery	=	128.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10067	1.065	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50581	9.631	ug/l	98
3) Chloromethane	1.515	50	55337	9.379	ug/l	97
4) Vinyl Chloride	1.599	62	74364	9.438	ug/l	98
5) Bromomethane	1.853	94	55770	8.922	ug/l	98
6) Chloroethane	1.930	64	72853	8.946	ug/l	95
7) Trichlorofluoromethane	2.132	101	151923	8.207	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	57046	9.509	ug/l	98
9) 1,1-Dichloroethene	2.573	96	43972	9.234	ug/l	94
10) Iodomethane	2.718	142	71856	9.666	ug/l	97
11) Allyl Chloride	2.917	41	54622	9.598	ug/l	99
12) Acrylonitrile	3.319	53	22910	19.171	ug/l	99
13) Acetone	2.640	43	70711	56.612	ug/l	98
14) Carbon Disulfide	2.788	76	71363	8.651	ug/l	98
15) Methylene Chloride	3.039	84	61291	10.087	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	51043	9.847	ug/l	92
17) 1,1-Dichloroethane	3.862	63	113489	9.789	ug/l	98
18) 2-Butanone	4.708	43	88434	56.125	ug/l	99
19) Cyclohexane	5.383	56	67952m	10.416	ug/l	
20) Methylcyclohexane	6.759	83	83150	9.532	ug/l	97
21) 2,2-Dichloropropane	4.660	77	101707	9.464	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	70100	10.175	ug/l	97
23) Diethyl Ether	2.374	59	62833	8.944	ug/l	94
24) tert-Butyl Alcohol	3.206	59	62655m	95.867	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	143469	9.737	ug/l	100
26) Bromochloromethane	4.968	128	27128	9.602	ug/l	97
27) Chloroform	5.084	83	125341	10.067	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	103120	9.589	ug/l	98
29) 1,1-Dichloropropene	5.521	75	74217	9.355	ug/l	98
30) Carbon Tetrachloride	5.518	117	88585	9.869	ug/l	98
31) Isopropyl Ether	3.984	45	168065	9.821	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	169390	9.613	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	160121	9.611	ug/l	99
34) Propionitrile	4.782	54	24123	55.532	ug/l	# 90
35) Benzene	5.769	78	241505	9.722	ug/l	99
36) 1,2-Dichloroethane	5.791	62	70249	9.940	ug/l	99
37) Trichloroethene	6.541	130	65133	9.749	ug/l	94
38) 1,2-Dichloropropane	6.788	63	70715	10.070	ug/l	96
39) Methacrylonitrile	4.975	41	17796	10.219	ug/l	# 89
40) Methyl acrylate	4.846	55	30482m	11.008	ug/l	
41) Tetrahydrofuran	5.062	42	18285	18.362	ug/l	97
42) 1-Chlorobutane	5.454	56	99000	9.531	ug/l	98
43) Dibromomethane	6.917	93	33553	10.172	ug/l	98
44) Bromodichloromethane	7.100	83	94414	10.274	ug/l	100

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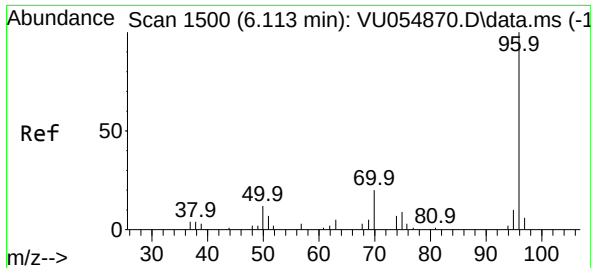
Manual Integrations
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Quant Time: Jul 28 23:06:05 2023
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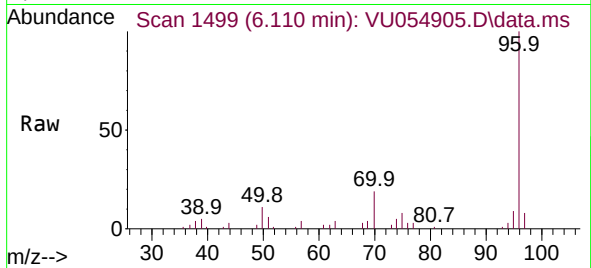
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	194872	50.633	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	35287m	22.787	ug/l	
47) Methyl methacrylate	6.959	69	63105	20.927	ug/l	98
48) Ethyl methacrylate	8.332	69	63597	10.427	ug/l	96
49) Toluene	7.965	92	157735	9.968	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	83654	10.253	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	96723	9.644	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	51513	9.851	ug/l	94
53) 1,3-Dichloropropane	8.573	76	86178	10.188	ug/l	97
54) 2-Hexanone	8.682	43	145291	53.127	ug/l	99
55) Dibromochloromethane	8.807	129	60147	10.039	ug/l	96
56) 1,2-Dibromoethane	8.920	107	45667	10.305	ug/l	98
58) Tetrachloroethene	8.550	164	59450	10.194	ug/l	94
59) Chlorobenzene	9.444	112	187876	9.783	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	67729	9.989	ug/l	95
61) Pentachloroethane	11.425	117	52492	9.910	ug/l	98
62) Hexachloroethane	12.473	117	57947	10.638	ug/l	99
63) Ethyl Benzene	9.566	91	325237	10.093	ug/l	99
64) m/p-Xylenes	9.688	106	247513	20.530	ug/l	100
65) o-Xylene	10.097	106	124544	10.057	ug/l	97
66) Styrene	10.110	104	203417	10.274	ug/l	99
67) Bromoform	10.286	173	34801	11.201	ug/l	99
69) Isopropylbenzene	10.483	105	337702	10.158	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	66489	10.273	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	44667m	9.689	ug/l	
72) Bromobenzene	10.778	156	76298	10.308	ug/l	98
73) n-propylbenzene	10.904	120	92003	10.341	ug/l	98
74) 2-Chlorotoluene	10.981	126	79559	10.329	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	280810	10.430	ug/l	99
76) 4-Chlorotoluene	11.093	126	82930	10.364	ug/l	98
77) tert-Butylbenzene	11.418	119	286159	10.221	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	287163	10.419	ug/l	100
79) sec-Butylbenzene	11.640	105	382209	10.501	ug/l	99
80) Nitrobenzene	13.206	77	9213	54.177	ug/l #	93
81) p-Isopropyltoluene	11.788	119	308104	10.726	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	158700	10.071	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	161124	10.257	ug/l	98
84) n-Butylbenzene	12.206	91	271618	10.527	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	149295	9.884	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	8925	10.372	ug/l	95
87) 1,2,4-Trichlorobenzene	13.836	180	94874	9.848	ug/l	99
88) Hexachlorobutadiene	14.016	225	52900	10.295	ug/l	99
89) Naphthalene	14.084	128	135244	9.065	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	82048	9.598	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

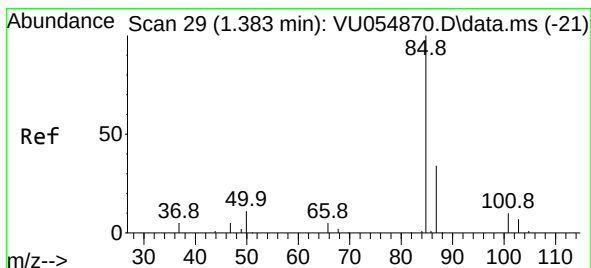
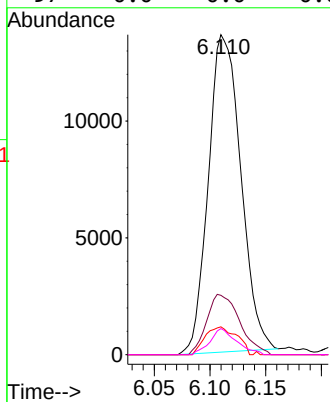
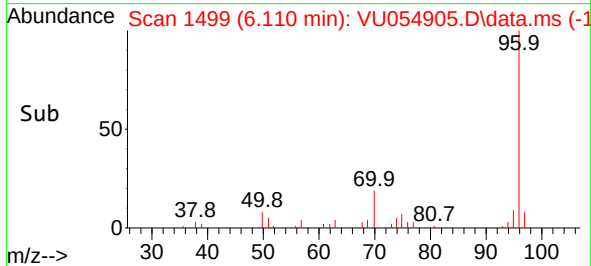
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



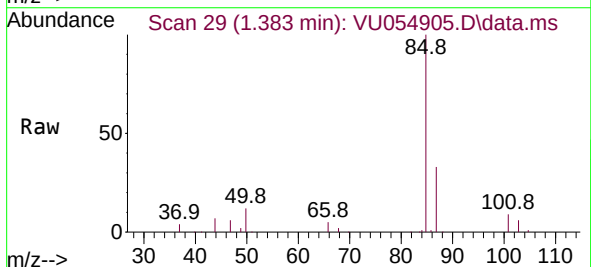
Tgt Ion: 96 Resp: 2758
Ion Ratio Lower Upper
96 100
70 19.2 14.0 21.0
95 8.5 8.7 13.1
97 0.0 0.0 0.0

Manual Integrations
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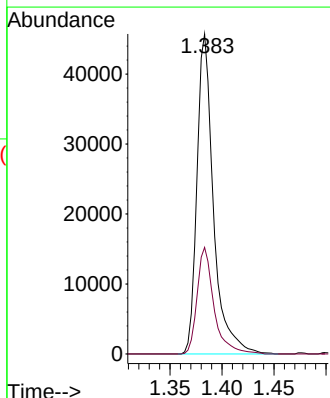
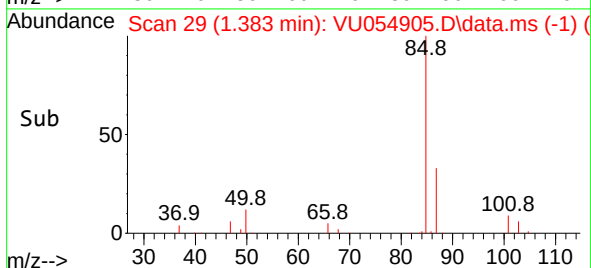
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

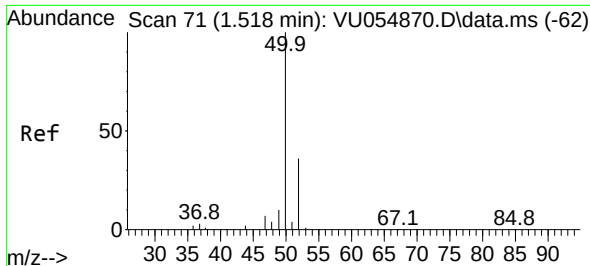


#2
Dichlorodifluoromethane
Concen: 9.631 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion: 85 Resp: 50581
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





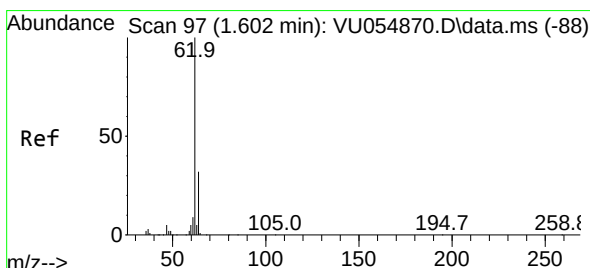
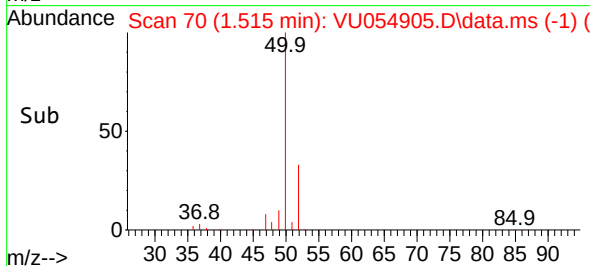
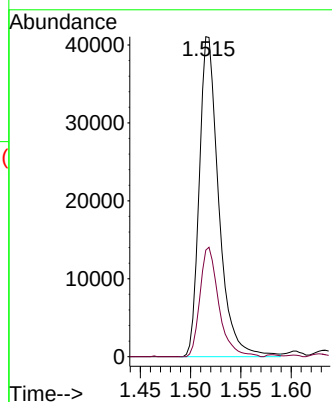
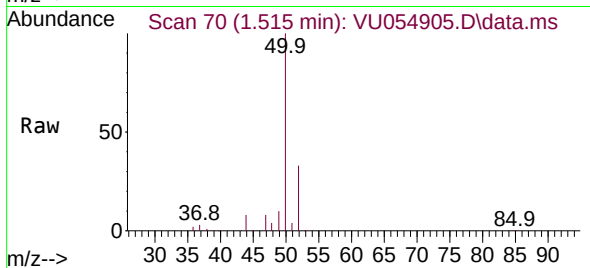
#3
Chloromethane
Concen: 9.379 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
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VSTDCCC010

Tgt Ion: 50 Resp: 5533
Ion Ratio Lower Upper
50 100
52 33.3 28.2 42.2

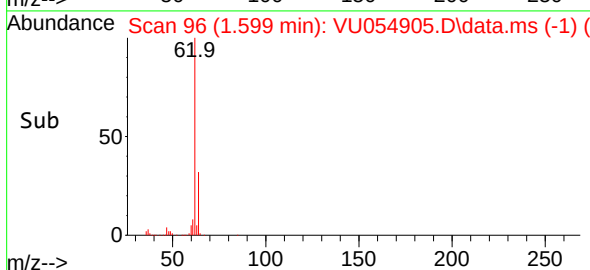
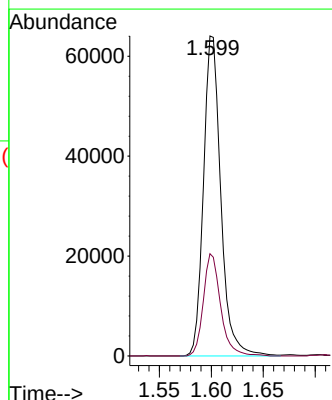
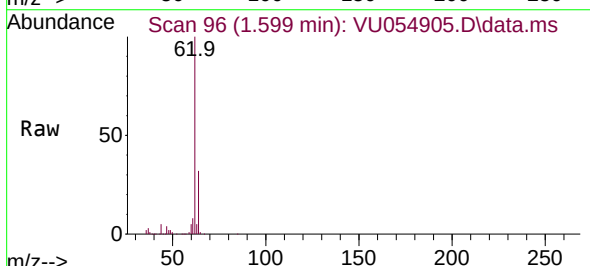
Manual Integrations
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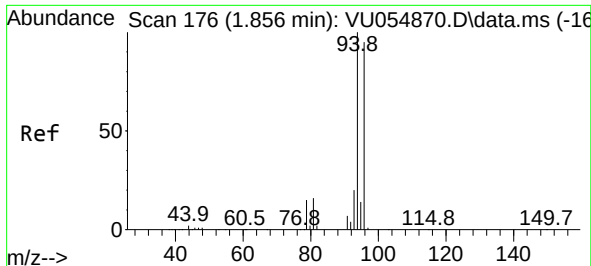
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 9.438 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 62 Resp: 74364
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6





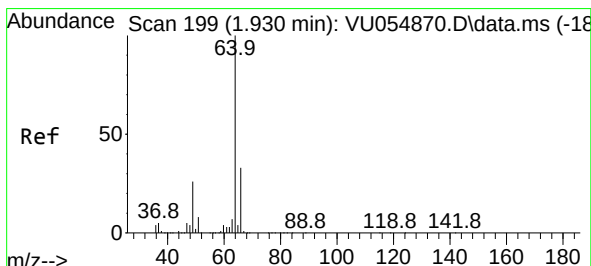
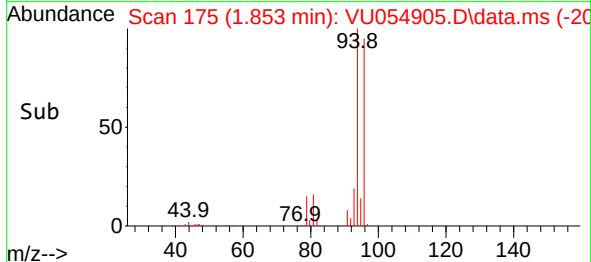
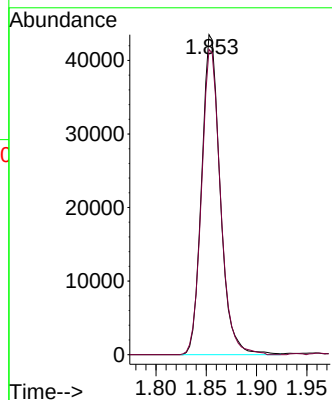
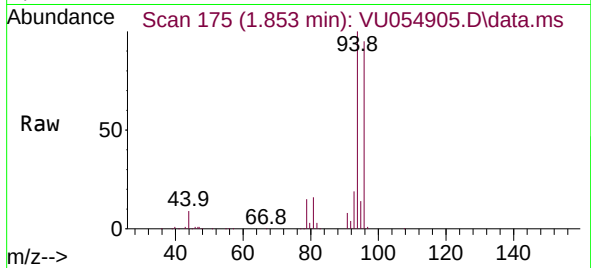
#5
Bromomethane
Concen: 8.922 ug/l
RT: 1.853 min Scan# 176
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 55770
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

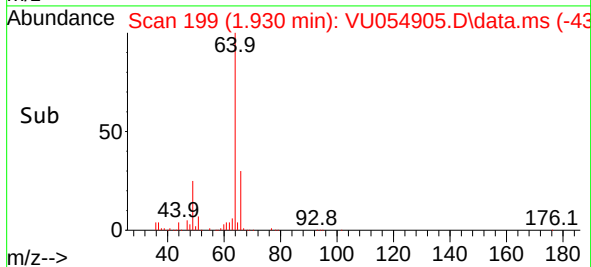
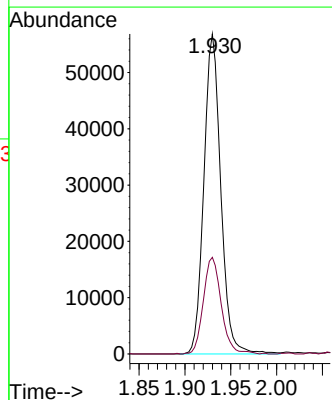
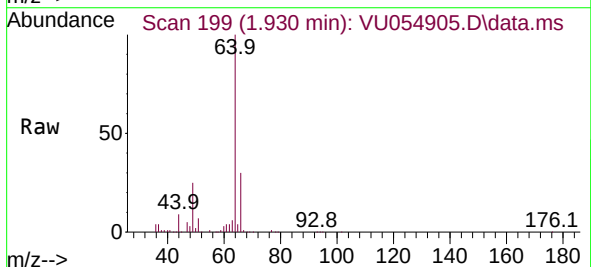
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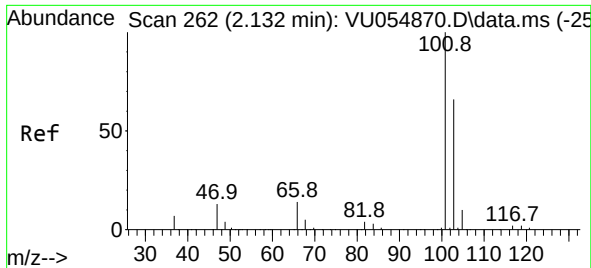
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 8.946 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

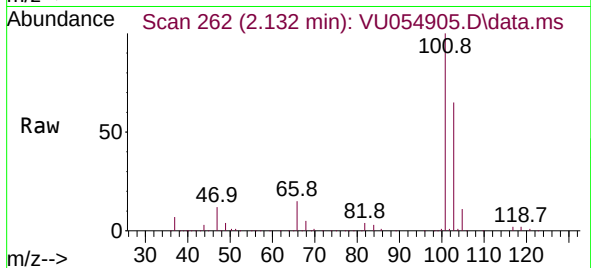
Tgt Ion: 64 Resp: 72853
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 8.207 ug/l
 RT: 2.132 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

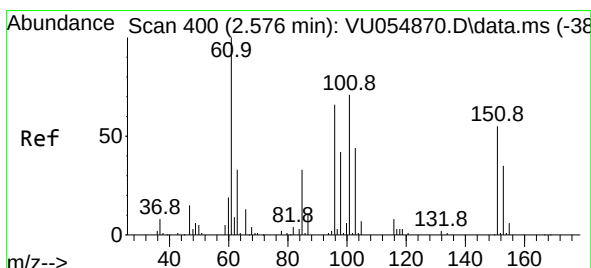
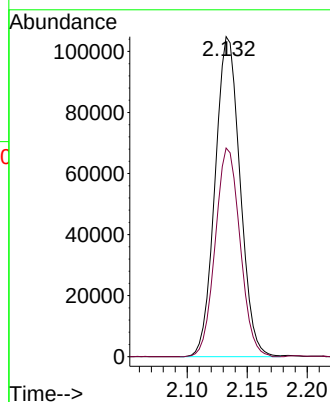
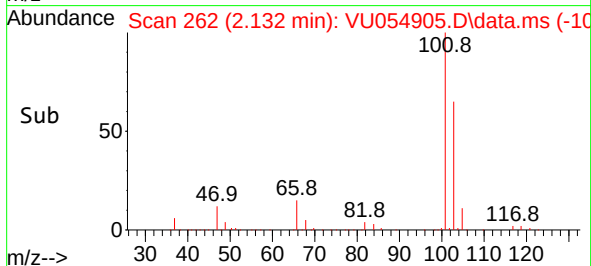
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 15192
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.9 79.3

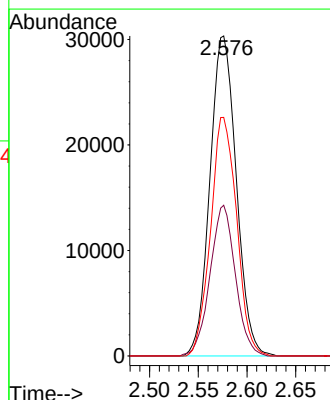
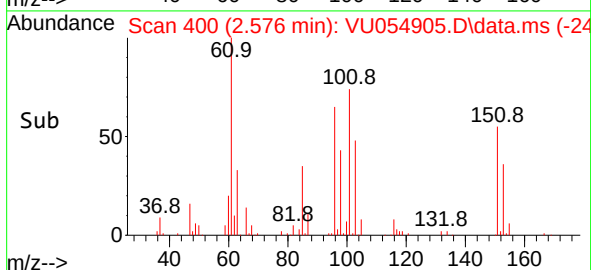
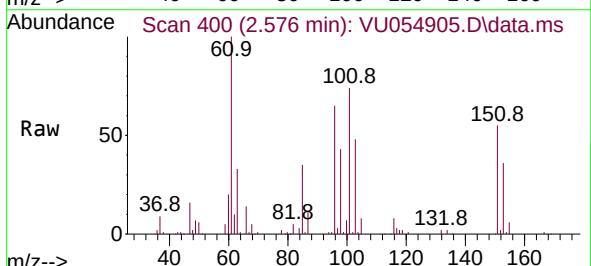
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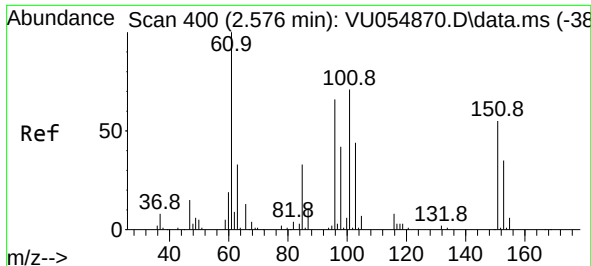
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.509 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Tgt Ion:101 Resp: 57046
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.8 52.2
 151 73.7 60.5 90.7





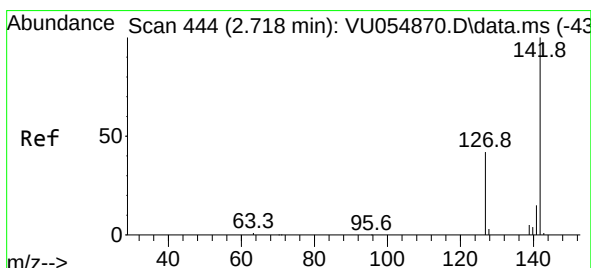
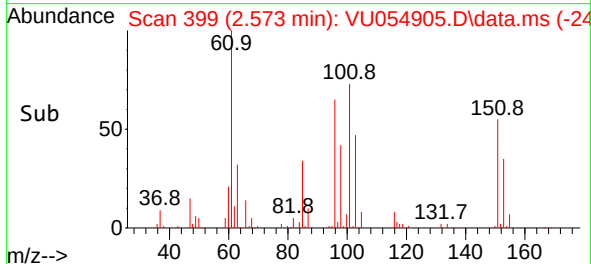
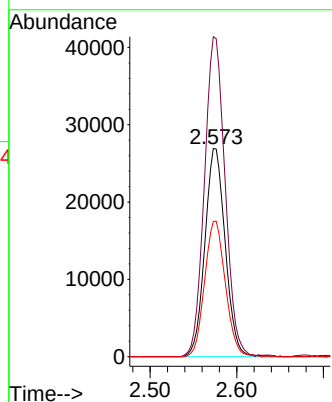
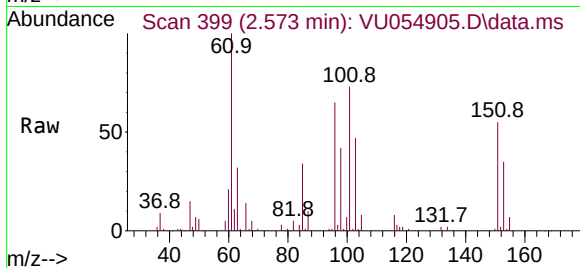
#9
1,1-Dichloroethene
Concen: 9.234 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 43972
Ion Ratio Lower Upper
96 100
61 153.8 0.0 440.1
98 65.0 0.0 121.8

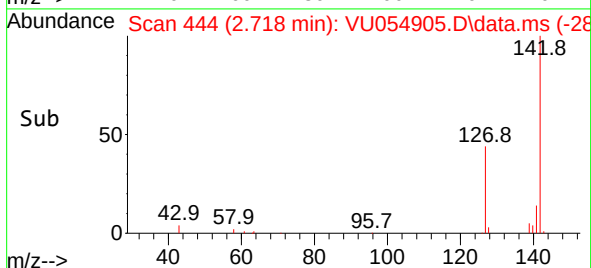
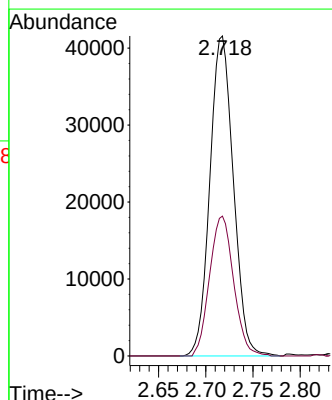
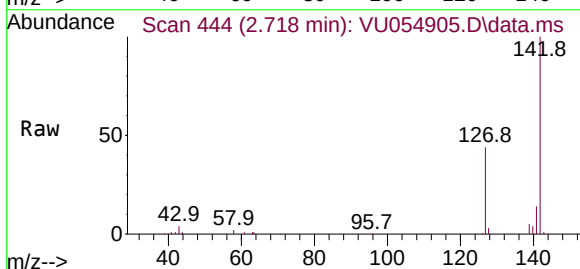
Manual Integrations
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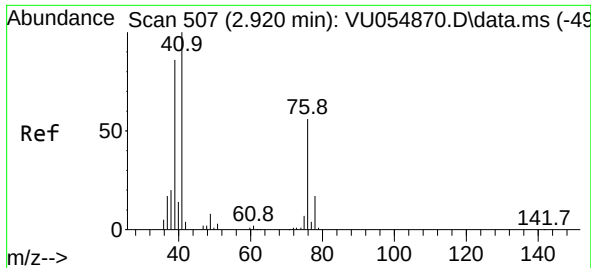
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 9.666 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion:142 Resp: 71856
Ion Ratio Lower Upper
142 100
127 44.7 34.3 51.5





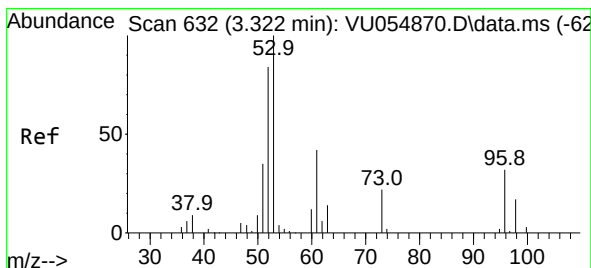
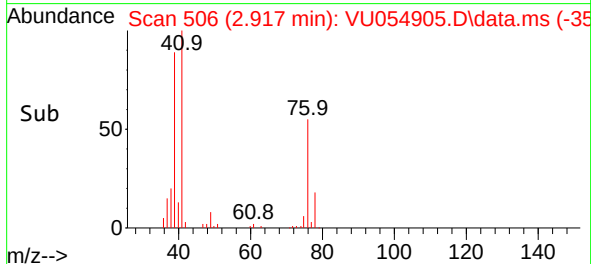
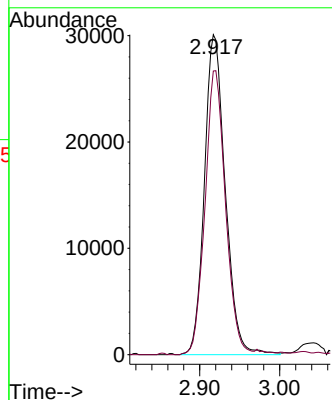
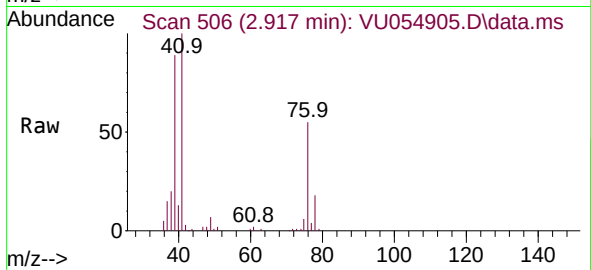
#11
 Allyl Chloride
 Concen: 9.598 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.003 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 5462
 Ion Ratio Lower Upper
 41 100
 39 87.2 70.2 105.2

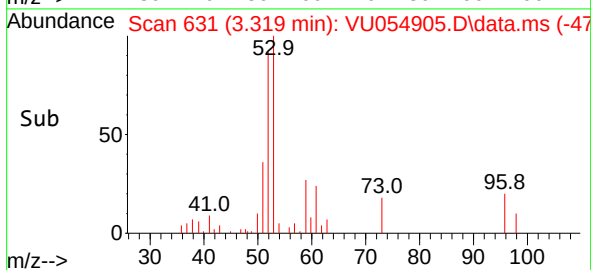
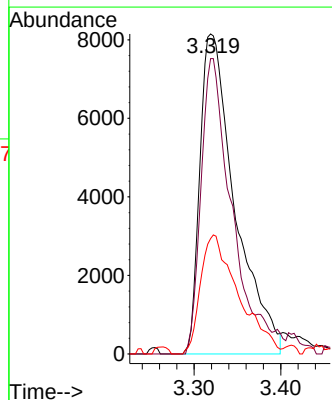
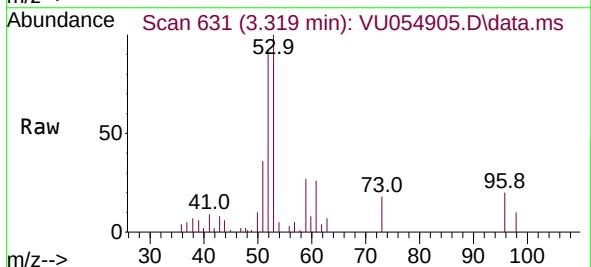
Manual Integrations
 APPROVED

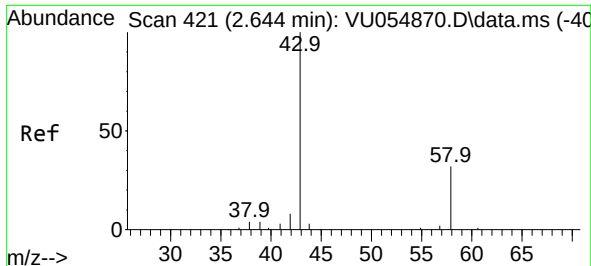
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 19.171 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. -0.003 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Tgt Ion: 53 Resp: 22910
 Ion Ratio Lower Upper
 53 100
 52 80.5 64.2 96.4
 51 40.3 33.6 50.4





#13

Acetone

Concen: 56.612 ug/l

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 7071

Ion Ratio Lower Upper

43 100

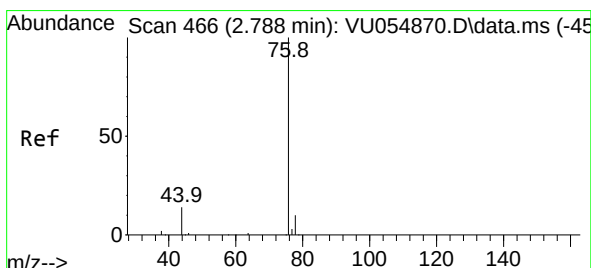
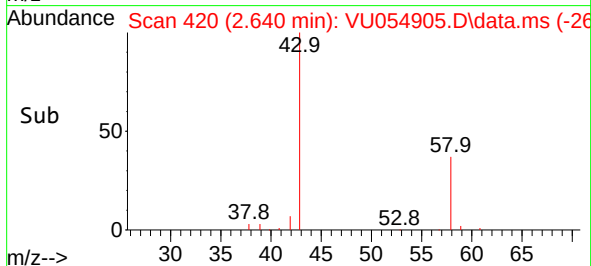
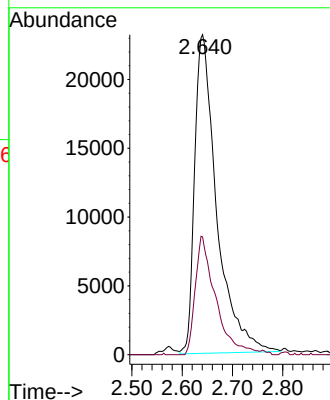
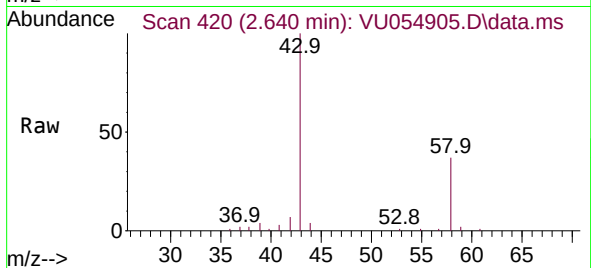
58 37.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 8.651 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054905.D

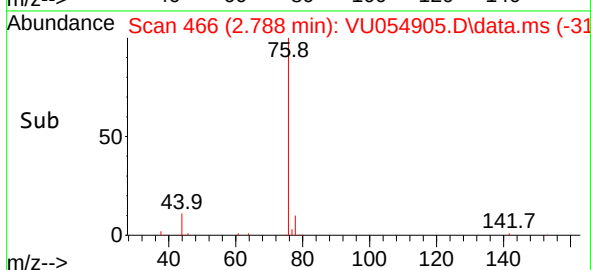
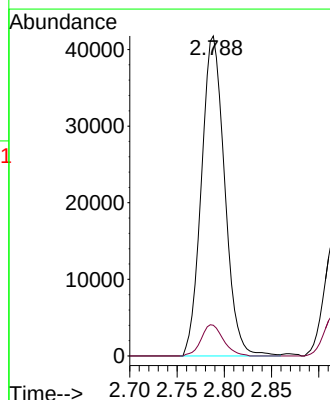
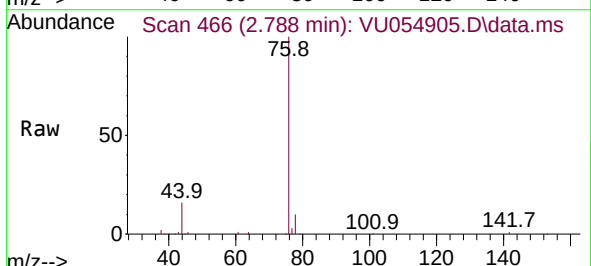
Acq: 28 Jul 2023 10:05

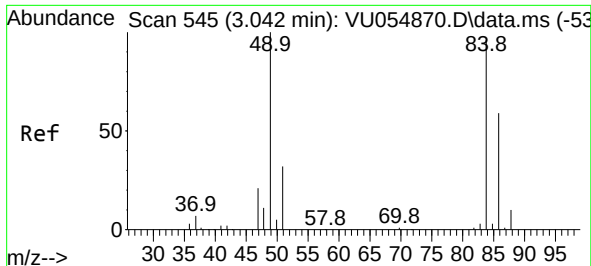
Tgt Ion: 76 Resp: 71363

Ion Ratio Lower Upper

76 100

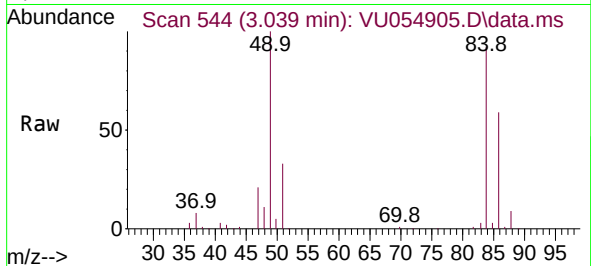
78 9.6 7.1 10.7





#15
Methylene Chloride
Concen: 10.087 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

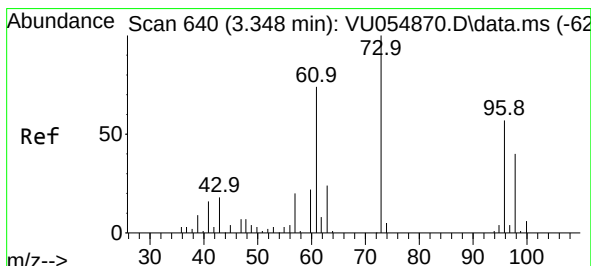
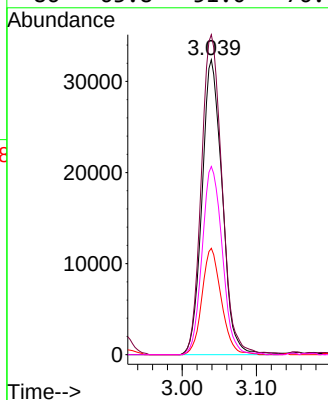
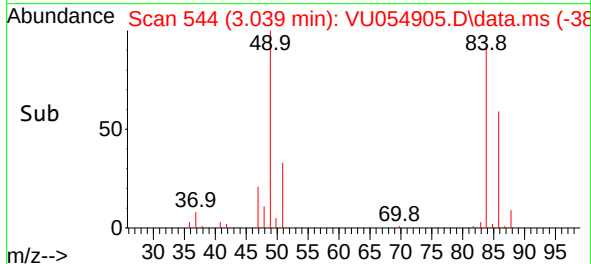
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 6129
Ion Ratio Lower Upper
84 100
49 108.5 87.8 131.6
51 36.1 0.0 68.2
86 63.8 51.0 76.4

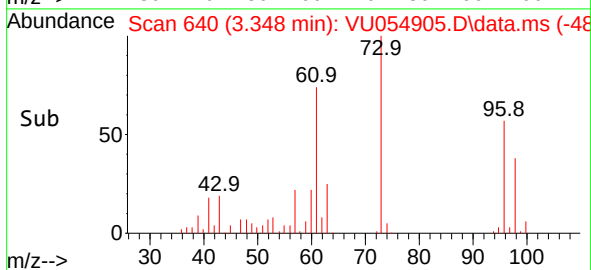
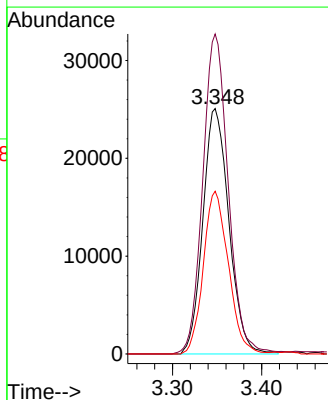
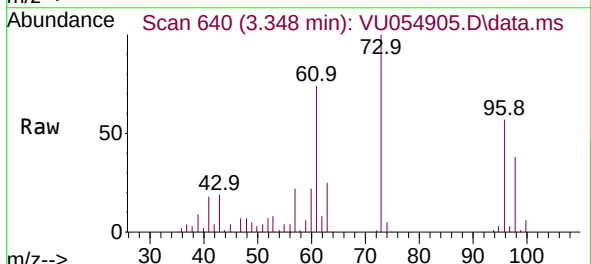
Manual Integrations
APPROVED

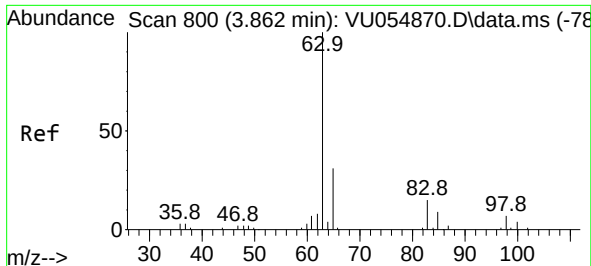
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 9.847 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 96 Resp: 51043
Ion Ratio Lower Upper
96 100
61 129.7 96.4 144.6
98 66.3 49.3 73.9





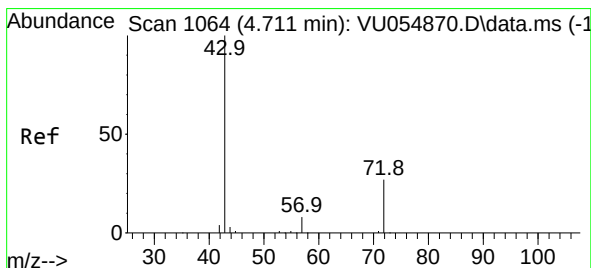
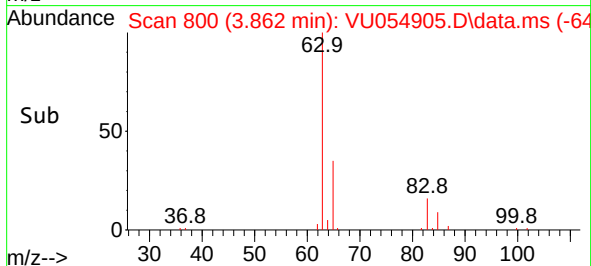
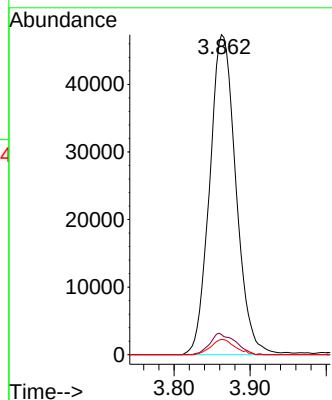
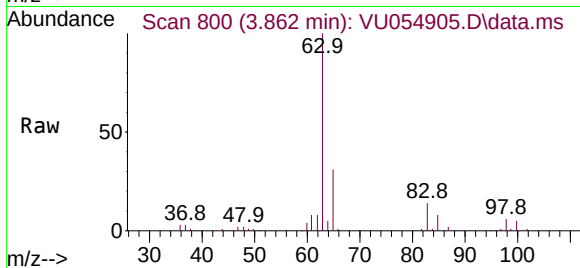
#17
1,1-Dichloroethane
Concen: 9.789 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 113489
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.8 2.8 8.4

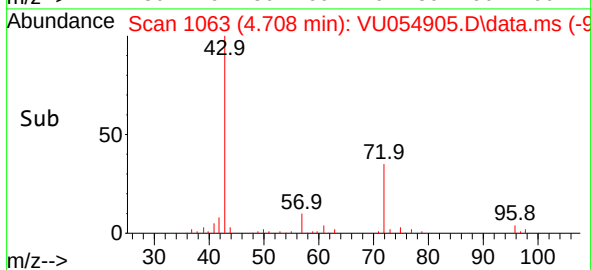
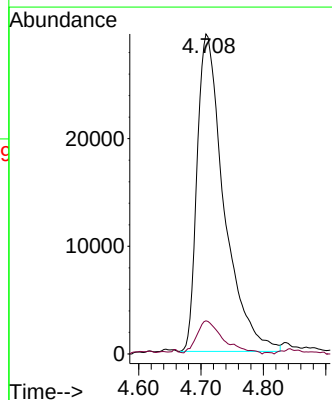
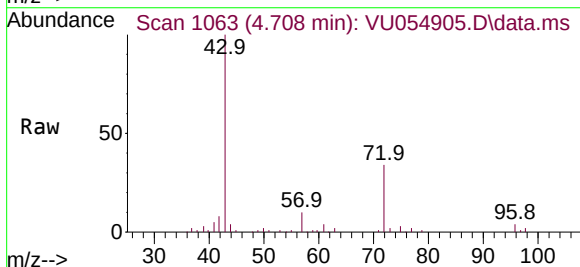
Manual Integrations
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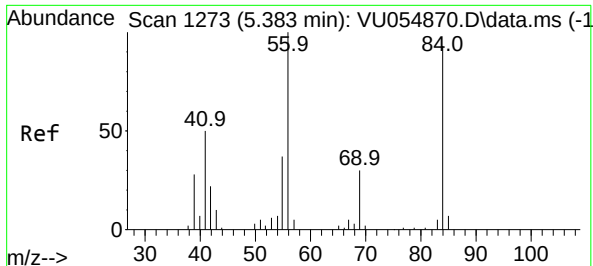
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 56.125 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 43 Resp: 88434
Ion Ratio Lower Upper
43 100
57 9.9 0.0 20.8





#19

Cyclohexane

Concen: 10.416 ug/l m

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 6795

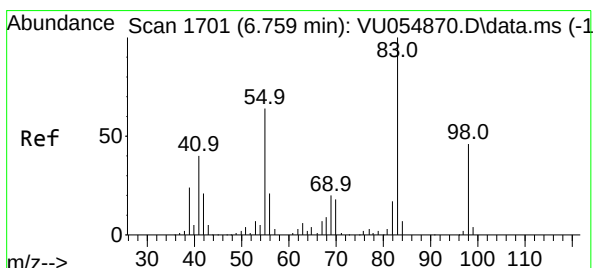
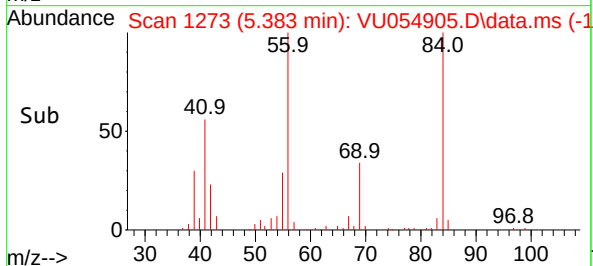
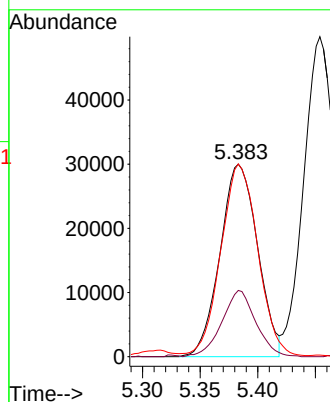
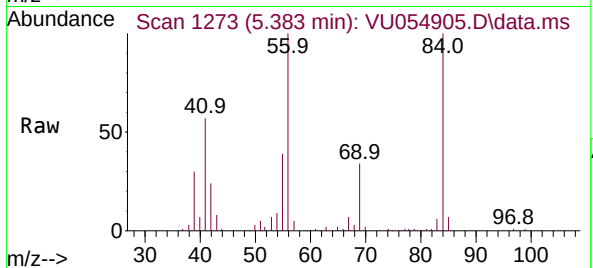
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.7	37.1
84	95.9	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 9.532 ug/l

RT: 6.759 min Scan# 1701

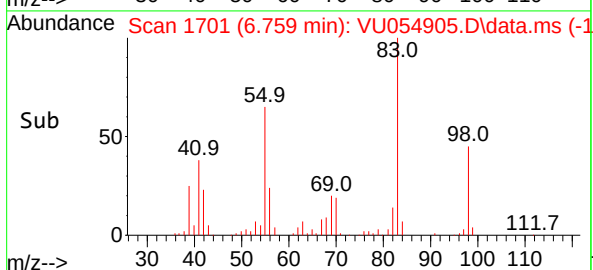
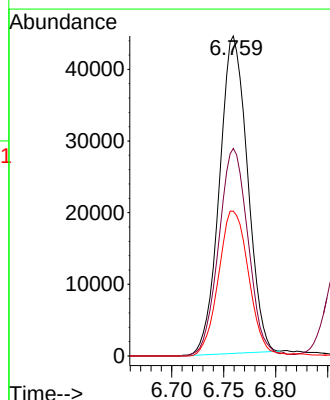
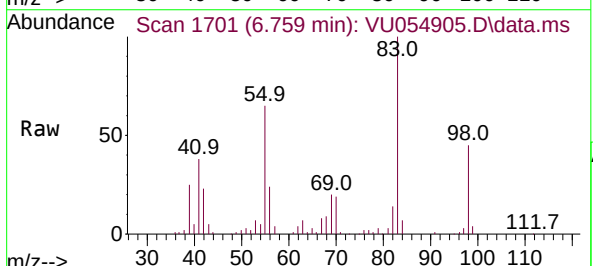
Delta R.T. 0.000 min

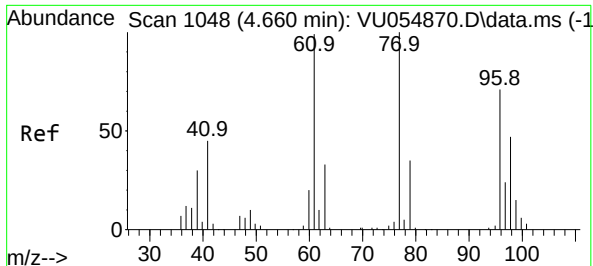
Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Tgt Ion: 83 Resp: 83150

Ion	Ratio	Lower	Upper
83	100		
55	68.0	51.6	77.4
98	48.5	38.2	57.2





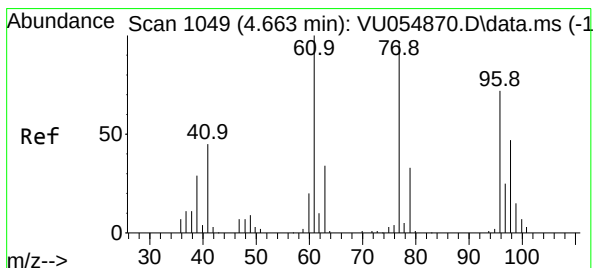
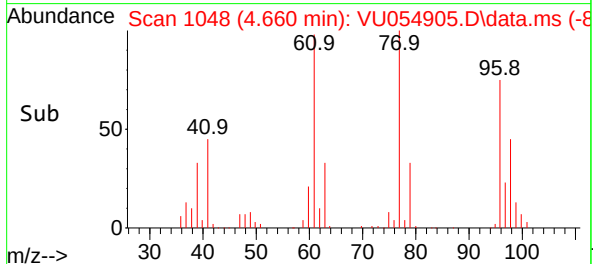
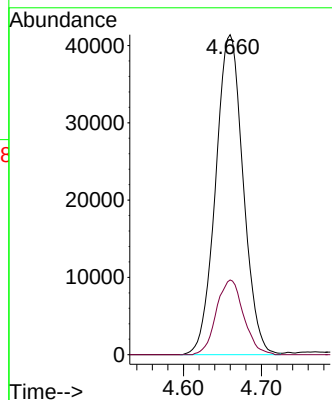
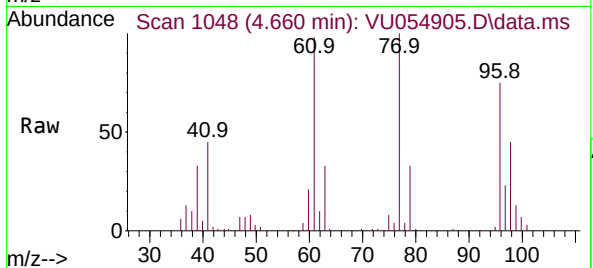
#21
2,2-Dichloropropane
Concen: 9.464 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 10170
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

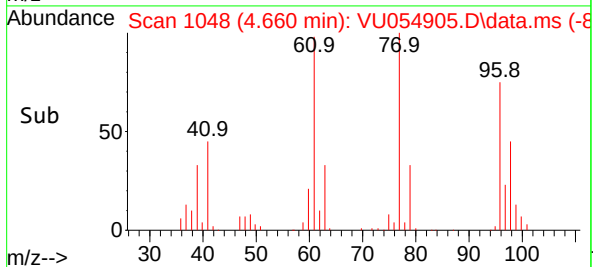
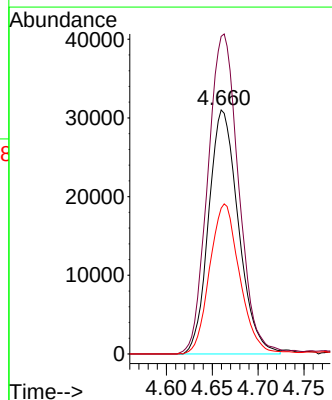
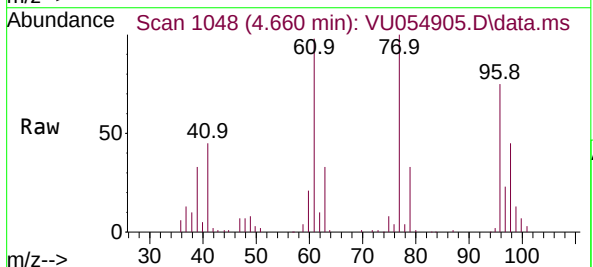
Manual Integrations
APPROVED

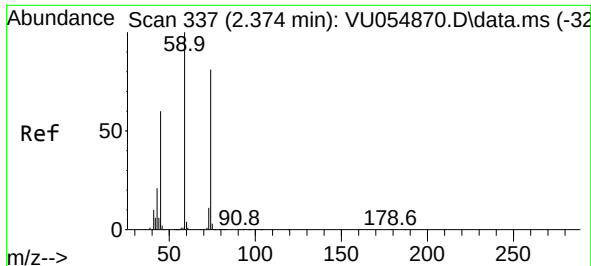
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 10.175 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 96 Resp: 70100
Ion Ratio Lower Upper
96 100
61 135.5 0.0 332.0
98 62.1 32.5 97.5





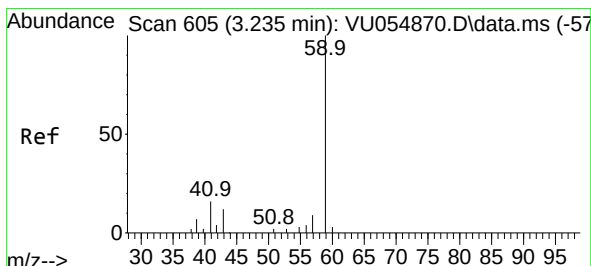
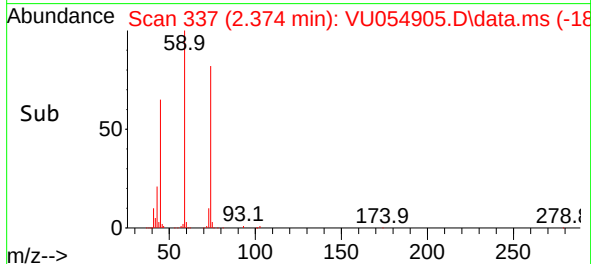
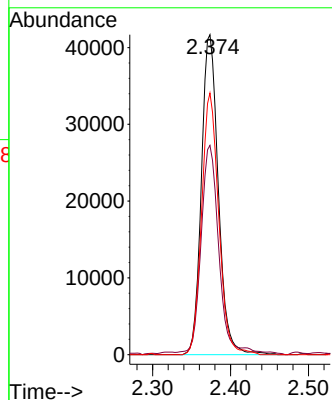
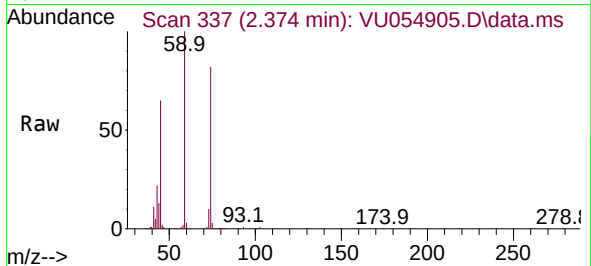
#23
Diethyl Ether
Concen: 8.944 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 6283
Ion Ratio Lower Upper
59 100
45 69.8 51.4 77.0
74 82.6 63.1 94.7

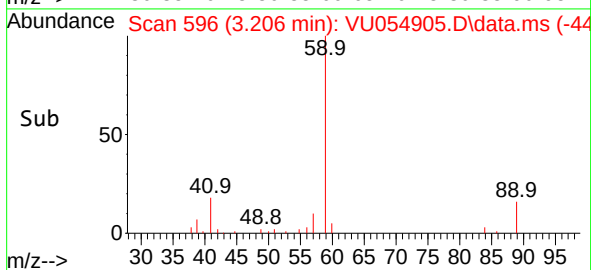
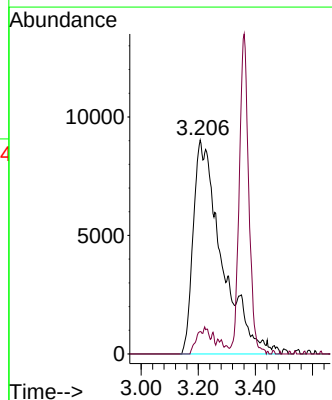
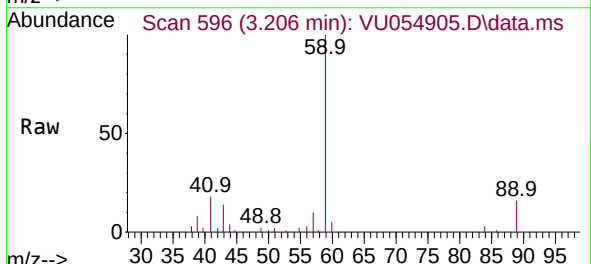
Manual Integrations
APPROVED

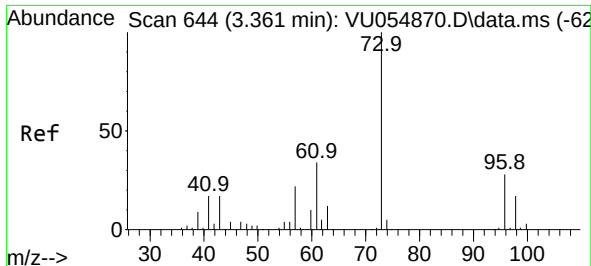
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 95.867 ug/l m
RT: 3.206 min Scan# 596
Delta R.T. -0.029 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

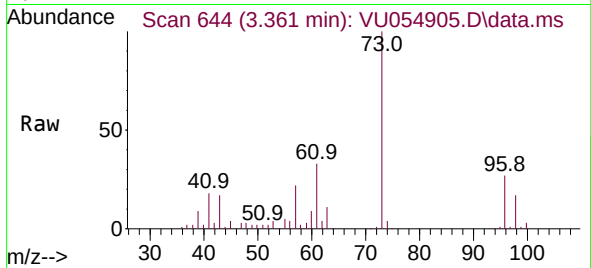
Tgt Ion: 59 Resp: 62655
Ion Ratio Lower Upper
59 100
57 2.5 2.2 3.2





#25
Methyl tert-Butyl Ether
Concen: 9.737 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

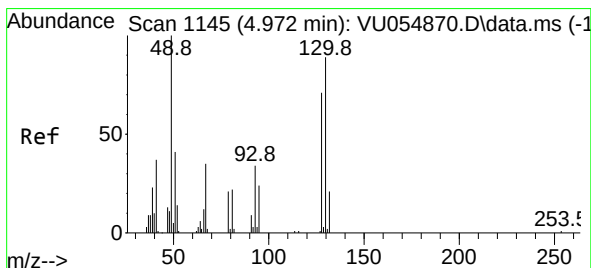
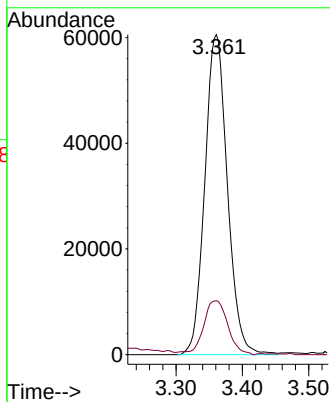
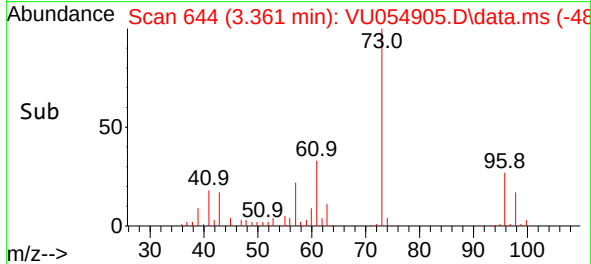
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 143469
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0

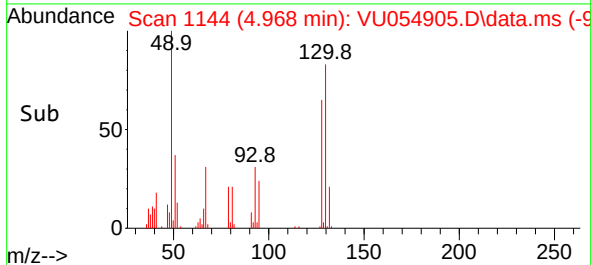
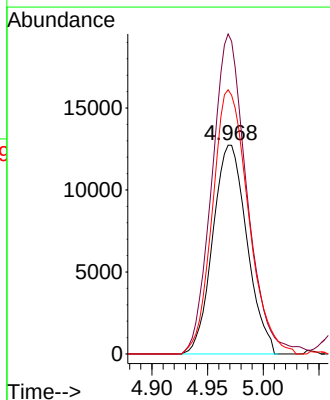
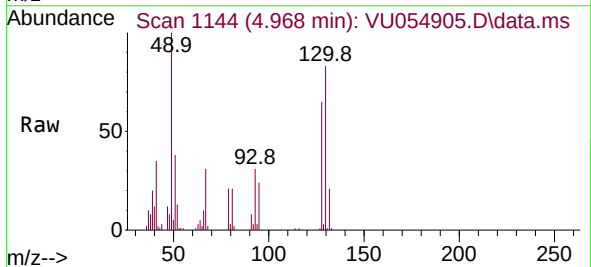
Manual Integrations
APPROVED

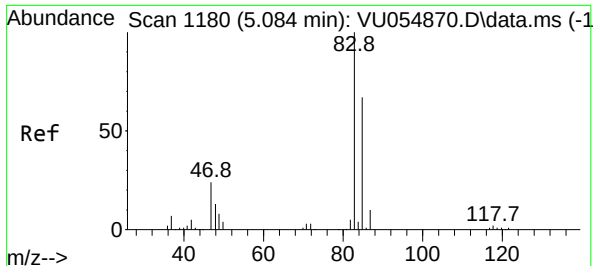
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 9.602 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion:128 Resp: 27128
Ion Ratio Lower Upper
128 100
49 156.9 0.0 304.0
130 133.3 104.3 156.5





#27

Chloroform

Concen: 10.067 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 12534

Ion Ratio Lower Upper

83 100

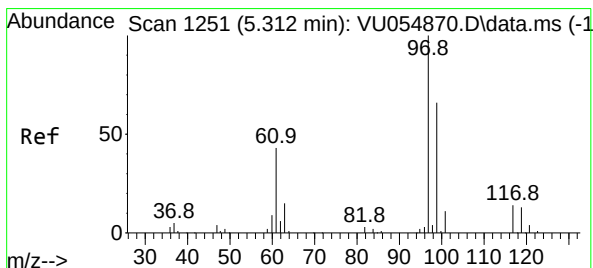
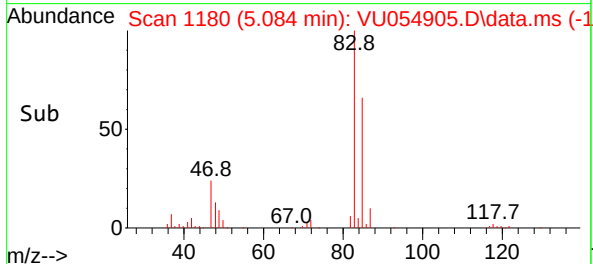
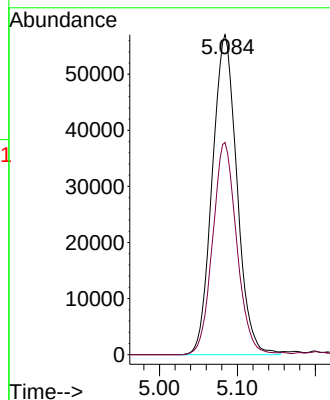
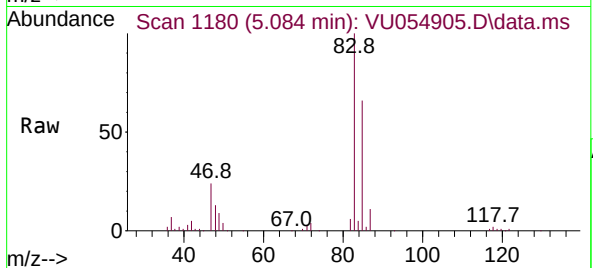
85 66.3 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 9.589 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

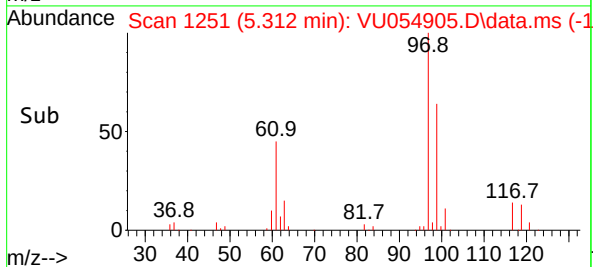
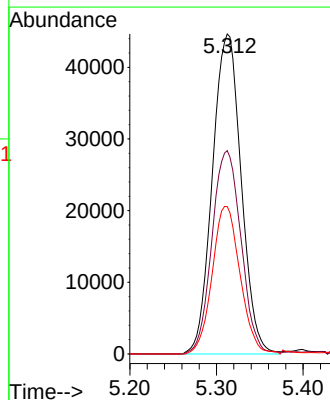
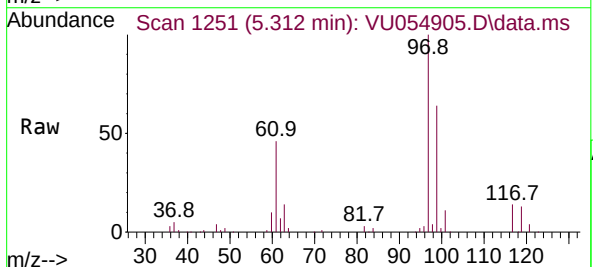
Tgt Ion: 97 Resp: 103120

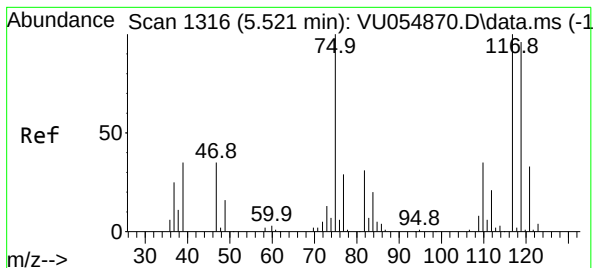
Ion Ratio Lower Upper

97 100

99 64.2 32.0 96.2

61 44.7 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.355 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 7421

Ion Ratio Lower Upper

75 100

110 35.7 18.5 55.5

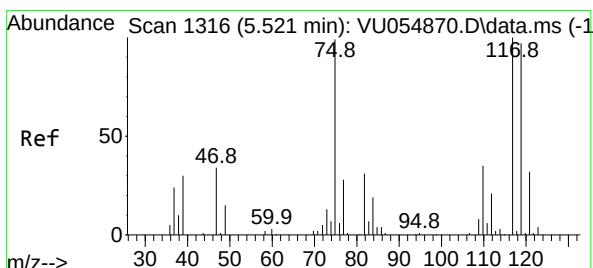
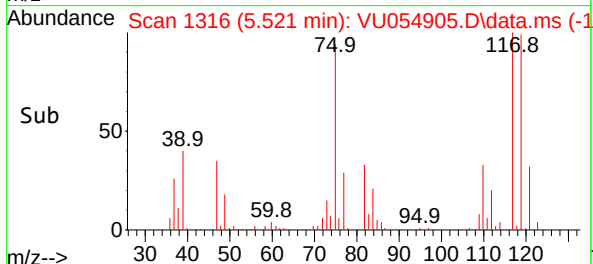
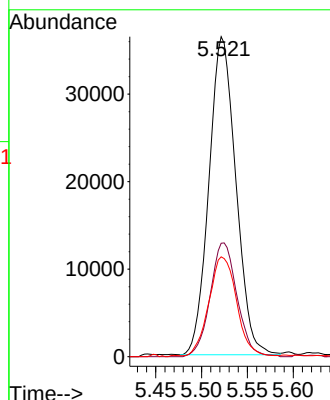
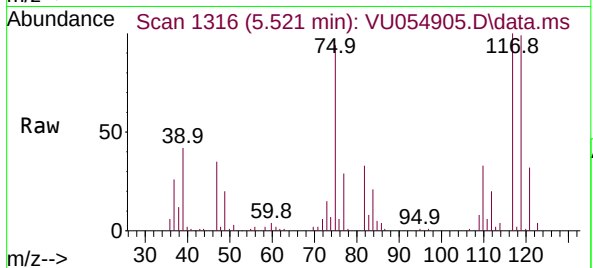
77 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 9.869 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

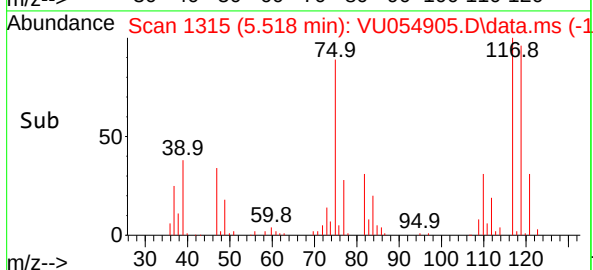
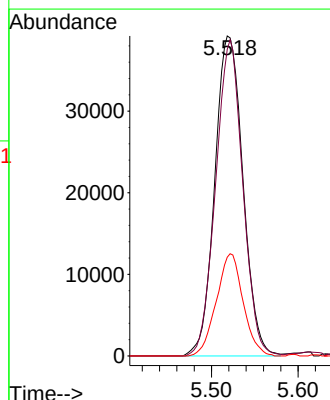
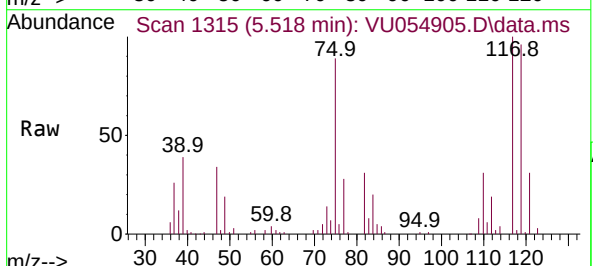
Tgt Ion:117 Resp: 88585

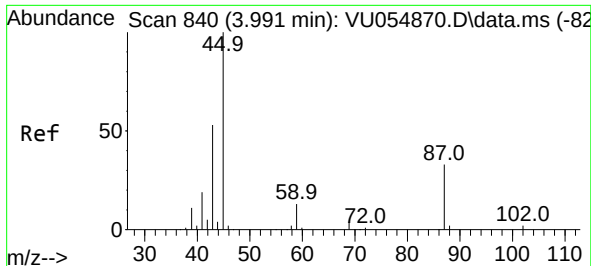
Ion Ratio Lower Upper

117 100

119 95.8 75.6 113.4

121 30.9 23.4 35.0





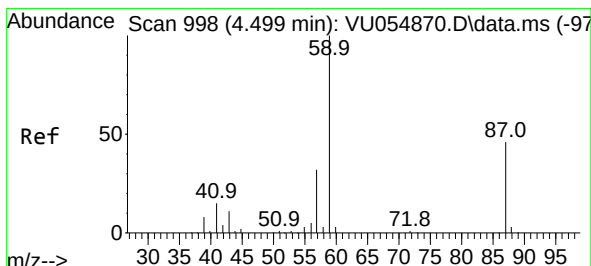
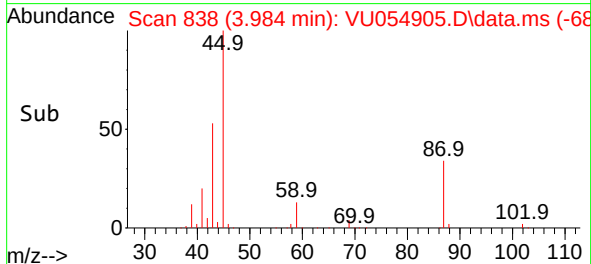
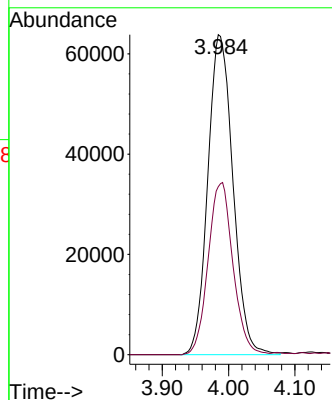
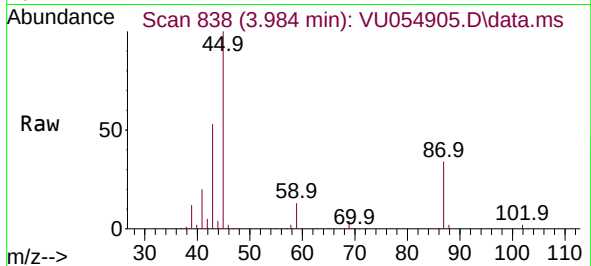
#31
Isopropyl Ether
Concen: 9.821 ug/l
RT: 3.984 min Scan# 840
Delta R.T. -0.006 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 16806
Ion Ratio Lower Upper
45 100
43 53.1 26.4 79.2

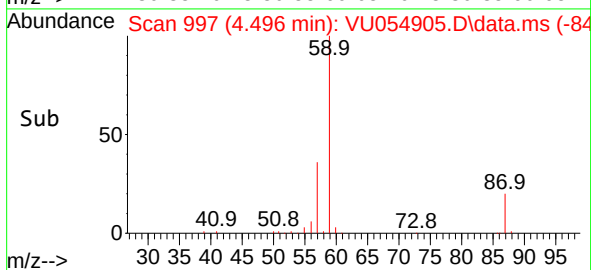
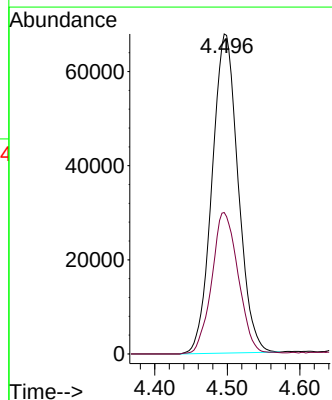
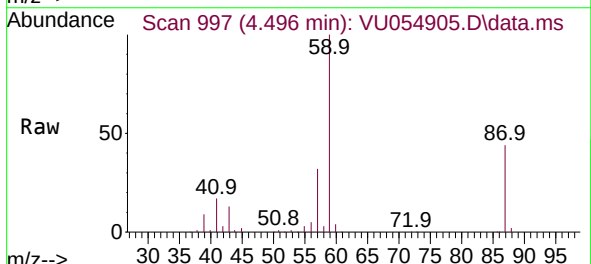
Manual Integrations
APPROVED

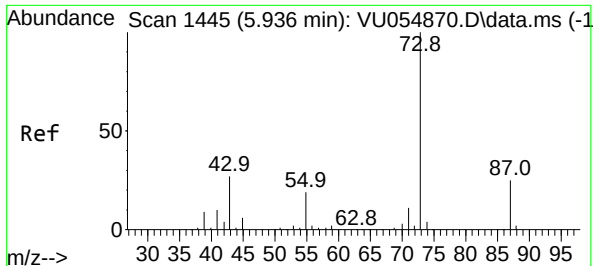
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 9.613 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 59 Resp: 169390
Ion Ratio Lower Upper
59 100
87 44.7 35.7 53.5





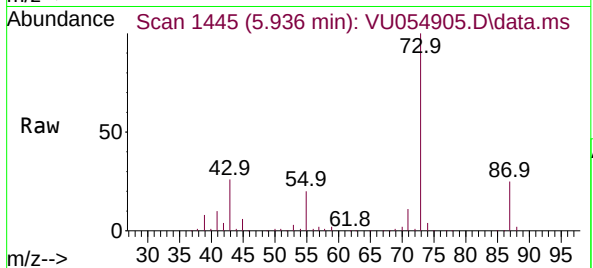
#33
Tert-Amyl methyl ether
Concen: 9.611 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



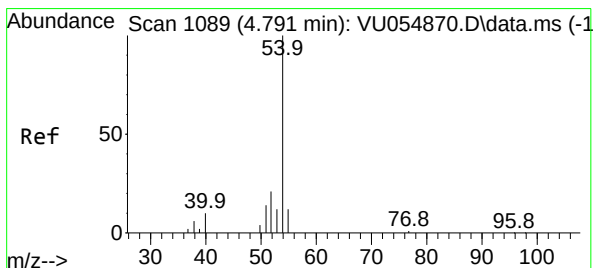
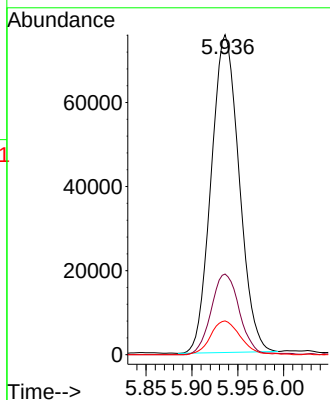
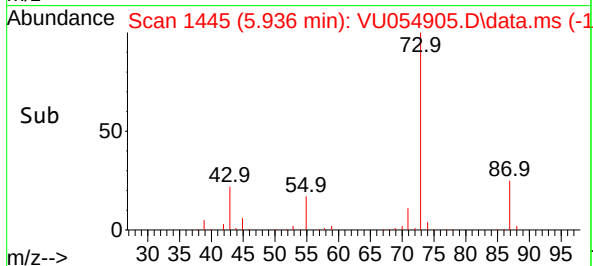
Tgt Ion: 73 Resp: 16012
Ion Ratio Lower Upper
73 100
87 25.1 19.6 29.4
71 11.4 9.1 13.7

Manual Integrations

APPROVED

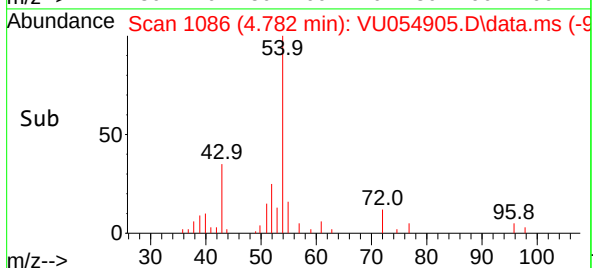
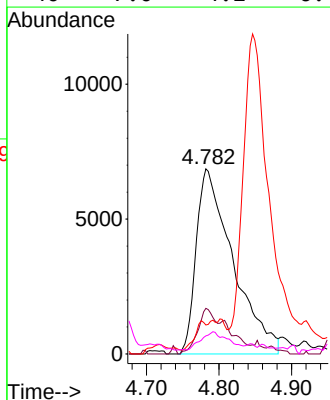
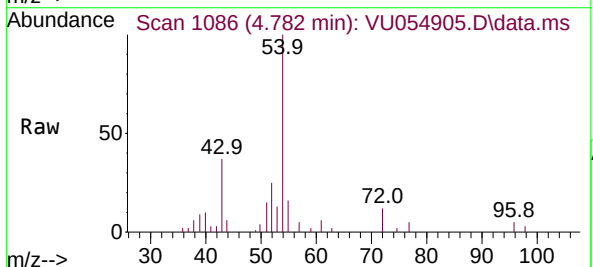
Reviewed By :John Carlone 07/31/2023

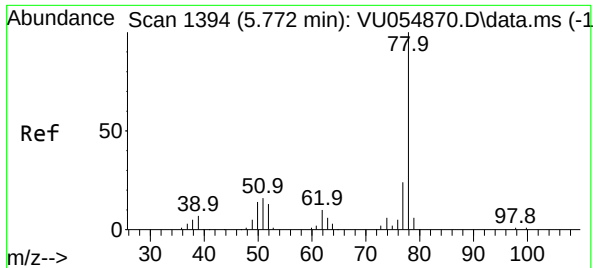
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 55.532 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. -0.010 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 54 Resp: 24123
Ion Ratio Lower Upper
54 100
52 11.7 13.8 20.8#
55 4.7 4.8 7.2#
40 7.0 4.2 6.4#





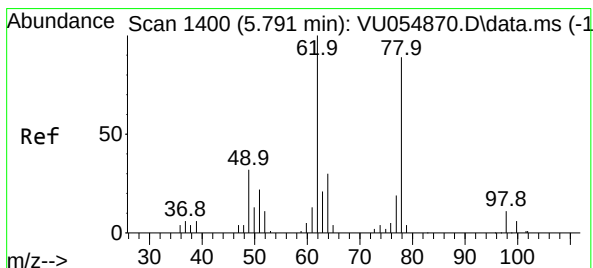
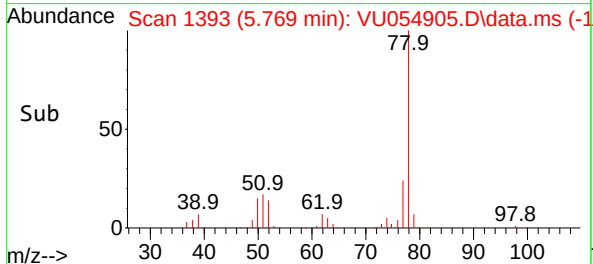
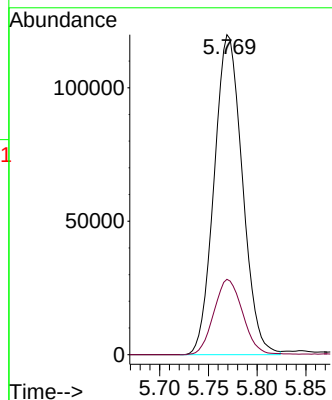
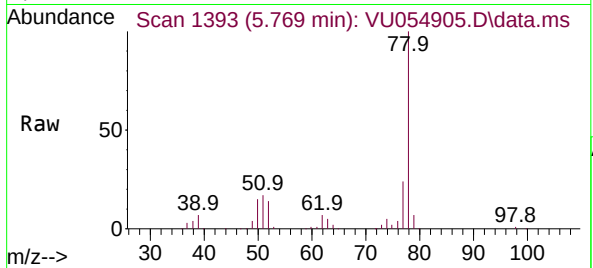
#35
Benzene
Concen: 9.722 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 24150
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2

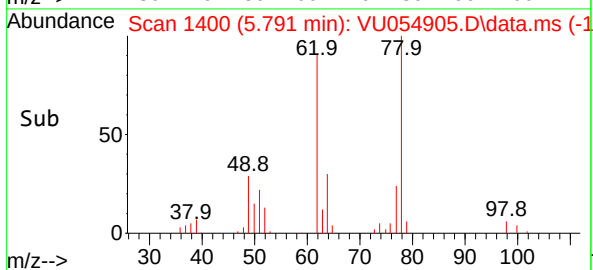
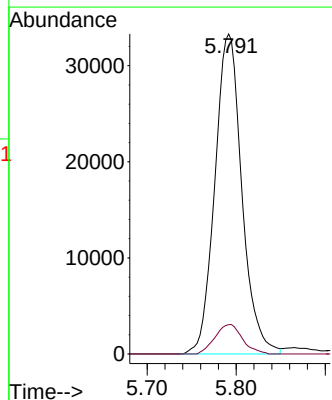
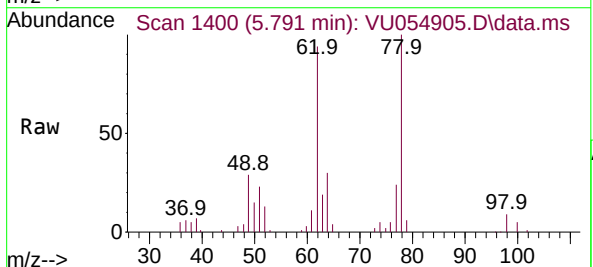
Manual Integrations
APPROVED

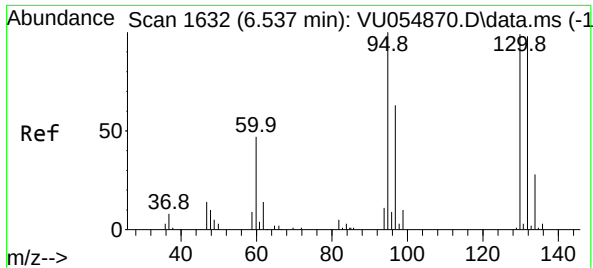
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 9.940 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

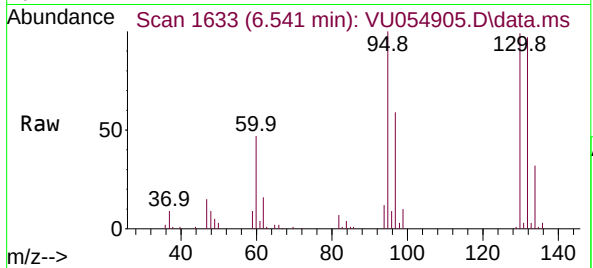
Tgt Ion: 62 Resp: 70249
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#37
Trichloroethene
Concen: 9.749 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

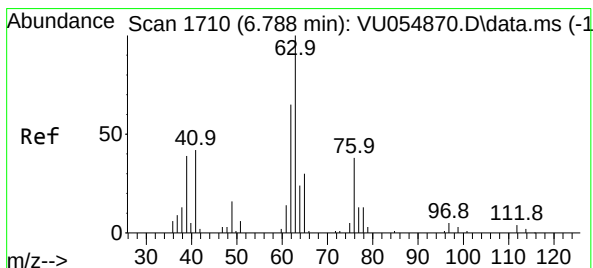
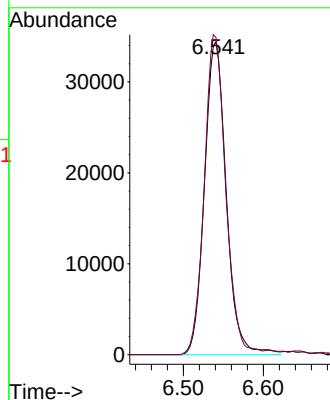
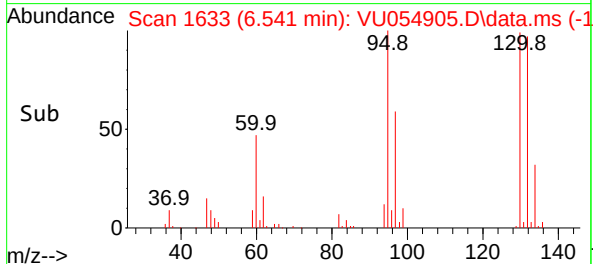
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



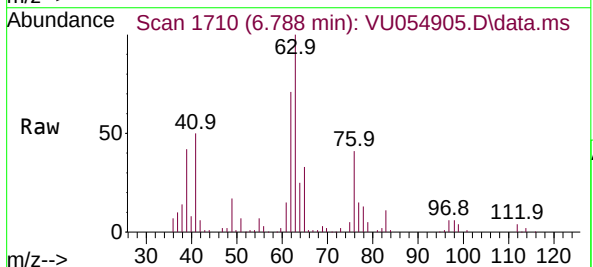
Tgt Ion:130 Resp: 6513
Ion Ratio Lower Upper
130 100
95 101.5 76.8 115.2

Manual Integrations
APPROVED

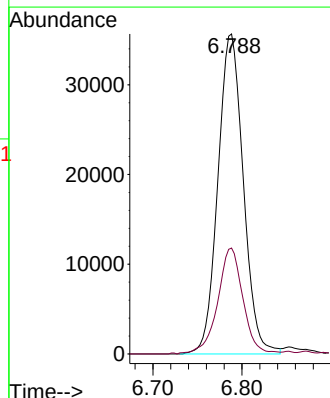
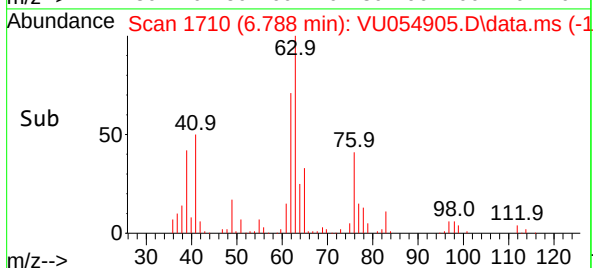
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

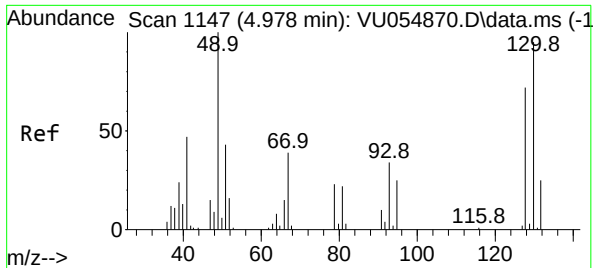


#38
1,2-Dichloropropane
Concen: 10.070 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion: 63 Resp: 70715
Ion Ratio Lower Upper
63 100
65 32.8 24.3 36.5





#39

Methacrylonitrile

Concen: 10.219 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 17790

Ion Ratio Lower Upper

41 100

67 87.6 77.0 115.4

39 49.9 50.4 75.6

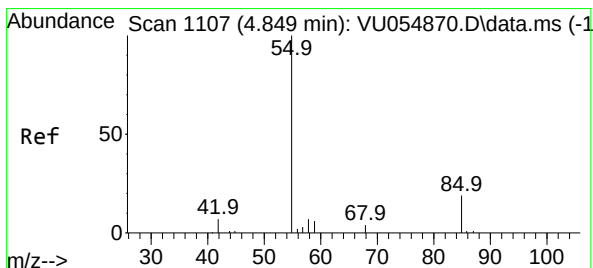
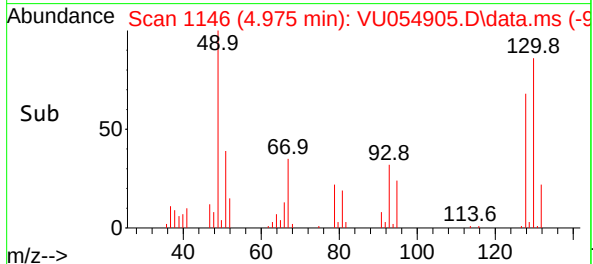
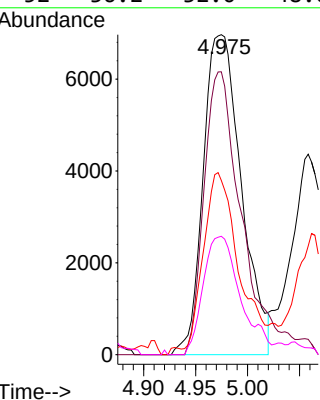
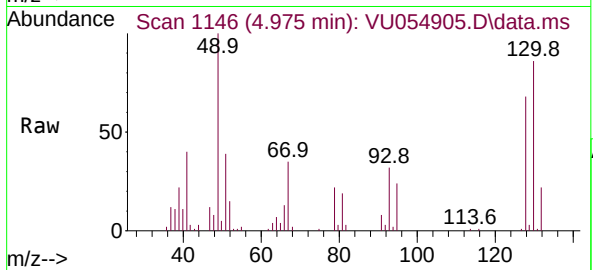
52 36.2 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 11.008 ug/l m

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Tgt Ion: 55 Resp: 30482

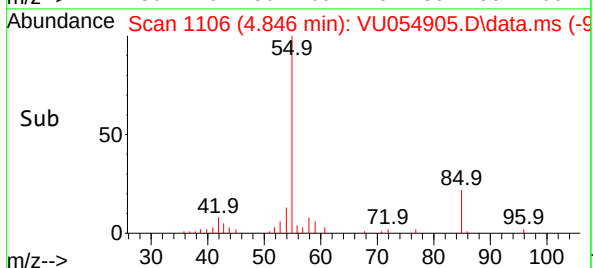
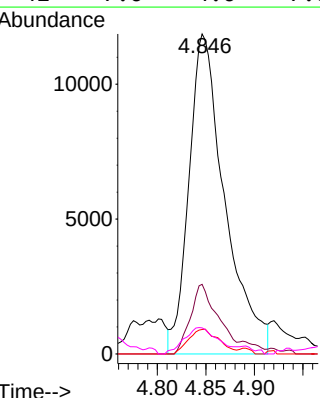
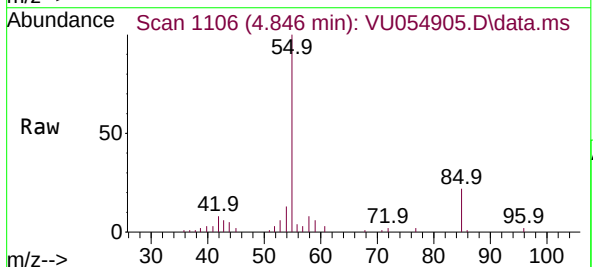
Ion Ratio Lower Upper

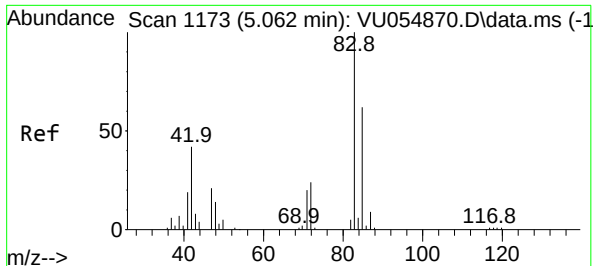
55 100

85 16.9 13.0 19.6

58 6.5 5.7 8.5

42 7.6 4.6 7.0#





#41

Tetrahydrofuran

Concen: 18.362 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 1828

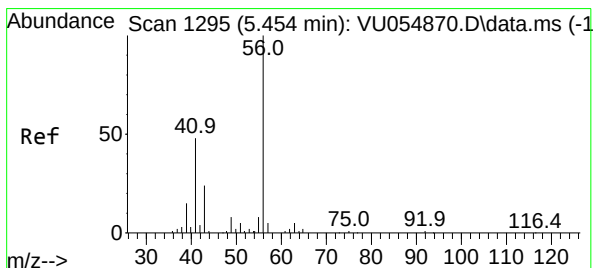
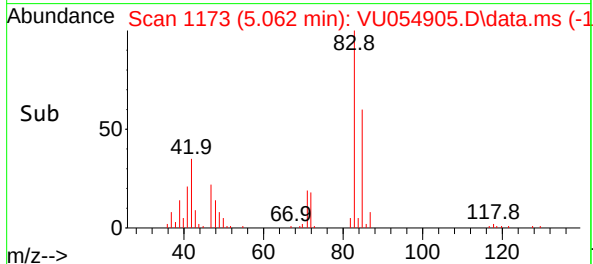
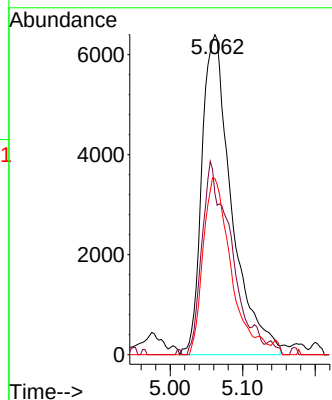
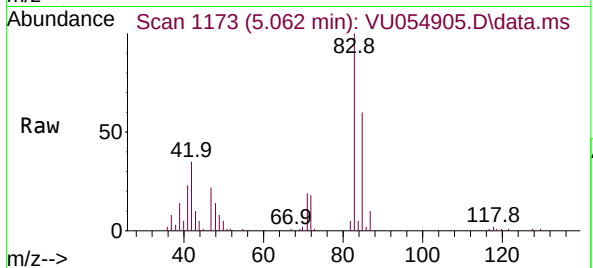
Ion	Ratio	Lower	Upper
42	100		
72	56.2	42.1	63.1
71	49.8	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 9.531 ug/l

RT: 5.454 min Scan# 1295

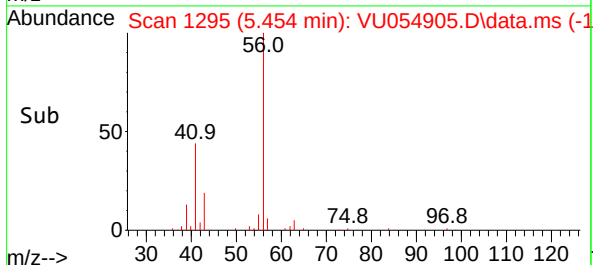
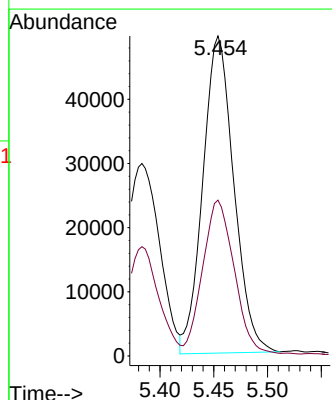
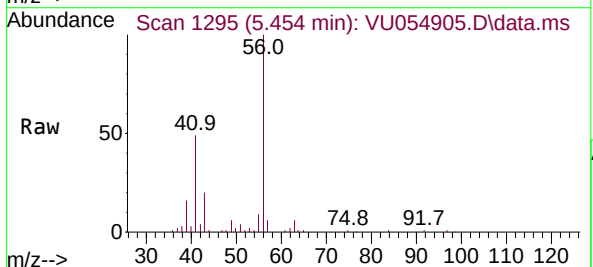
Delta R.T. 0.000 min

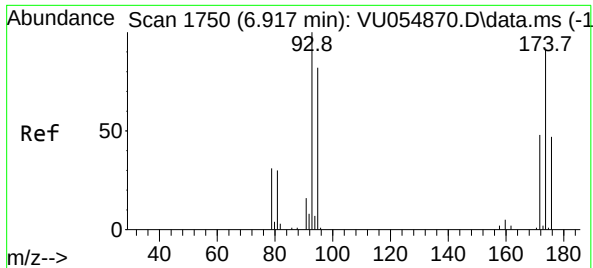
Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Tgt Ion: 56 Resp: 99000

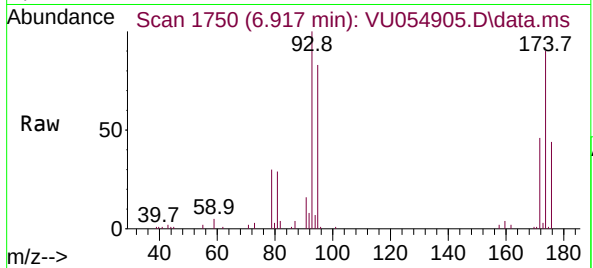
Ion	Ratio	Lower	Upper
56	100		
41	49.1	23.9	71.7





#43
Dibromomethane
Concen: 10.172 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

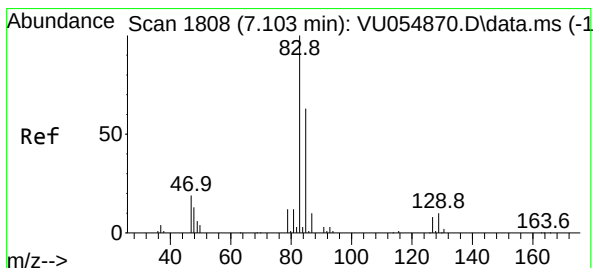
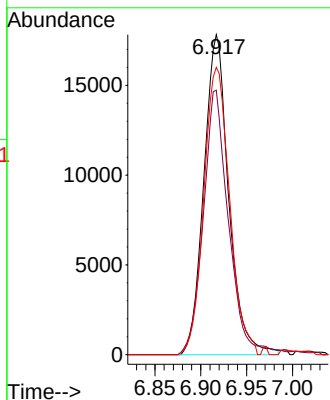
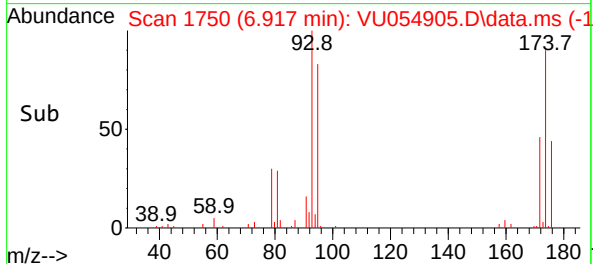
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



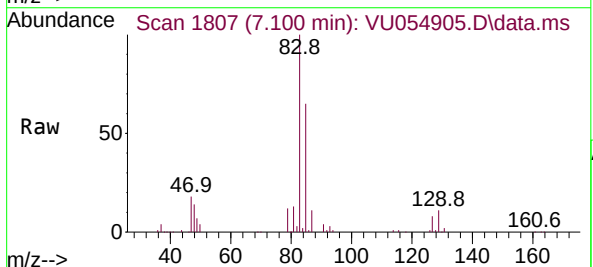
Tgt Ion: 93 Resp: 3355
Ion Ratio Lower Upper
93 100
95 84.1 64.7 97.1
174 93.3 74.4 111.6

Manual Integrations
APPROVED

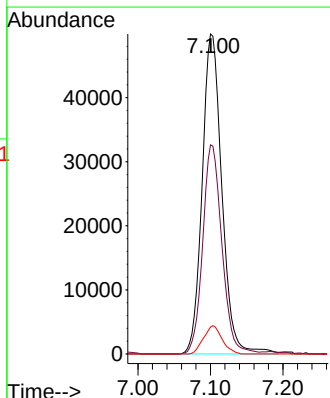
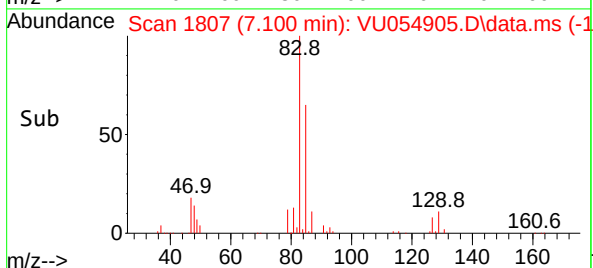
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

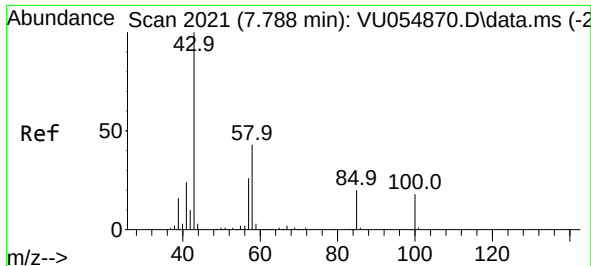


#44
Bromodichloromethane
Concen: 10.274 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion: 83 Resp: 94414
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.2
127 8.5 6.1 9.1





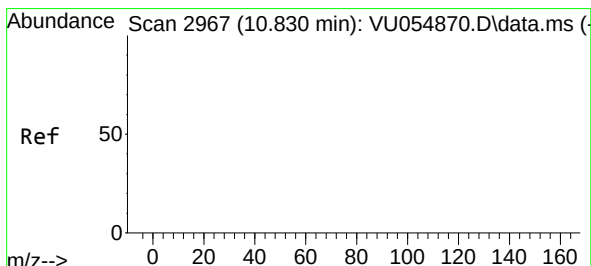
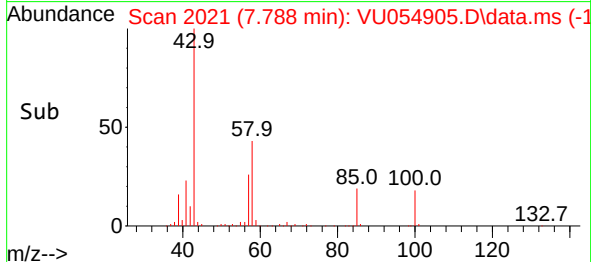
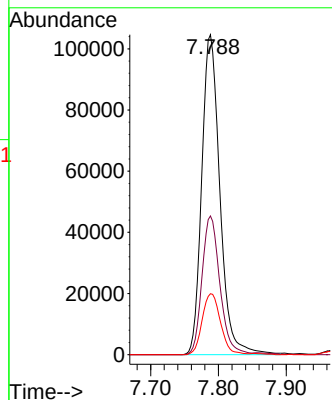
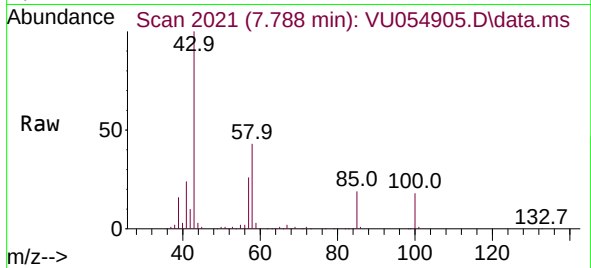
#45
4-Methyl-2-Pentanone
Concen: 50.633 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 194872
Ion Ratio Lower Upper
43 100
58 42.6 21.3 63.7
85 19.2 15.3 22.9

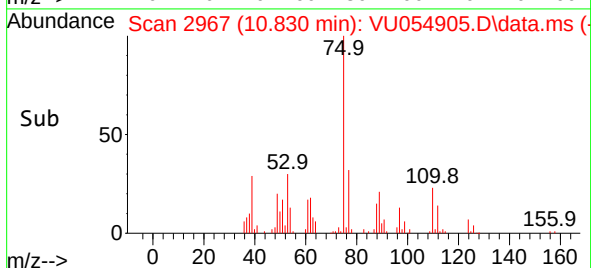
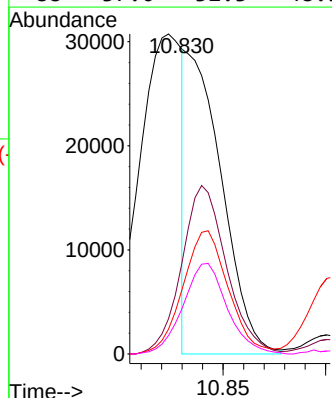
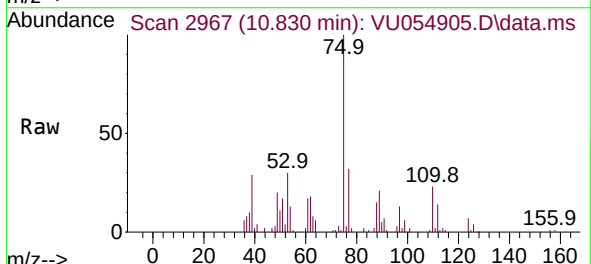
Manual Integrations
APPROVED

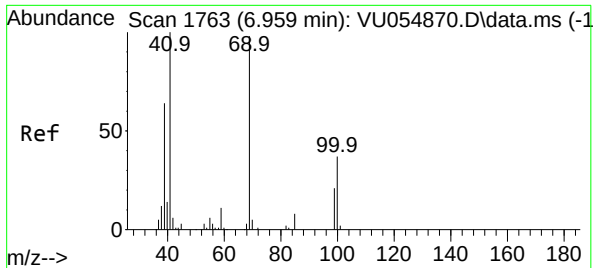
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 22.787 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 75 Resp: 35287
Ion Ratio Lower Upper
75 100
53 69.7 62.9 94.3
89 51.7 47.8 71.8
88 37.0 32.3 48.5





#47
Methyl methacrylate
Concen: 20.927 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

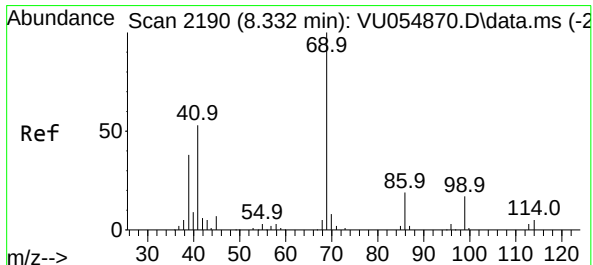
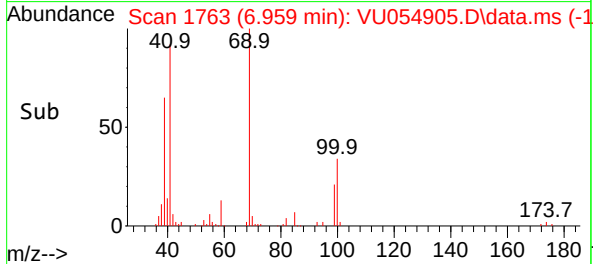
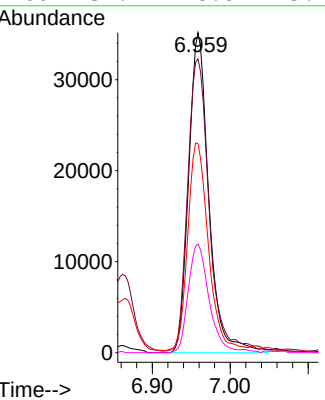
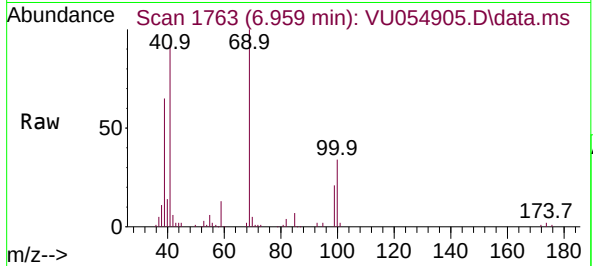
Tgt Ion: 69 Resp: 6310
Ion Ratio Lower Upper
69 100
41 97.7 0.0 193.0
39 66.5 50.4 75.6
100 34.7 28.8 43.2

Manual Integrations

APPROVED

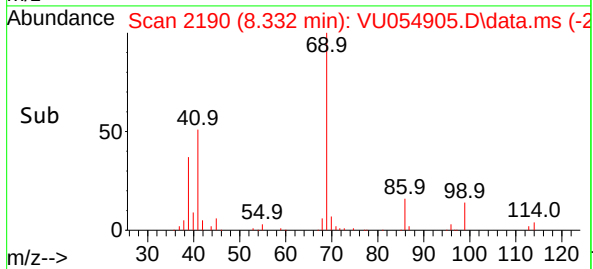
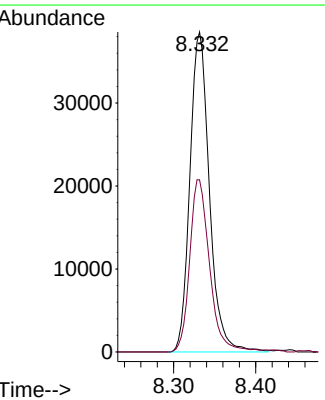
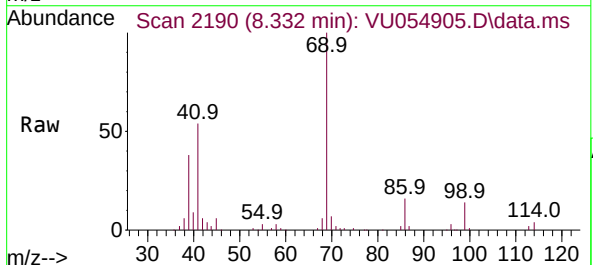
Reviewed By :John Carlone 07/31/2023

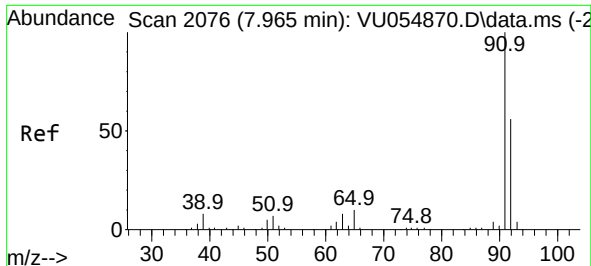
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 10.427 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion: 69 Resp: 63597
Ion Ratio Lower Upper
69 100
41 54.9 28.8 86.5





#49

Toluene

Concen: 9.968 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 15773

Ion Ratio Lower Upper

92 100

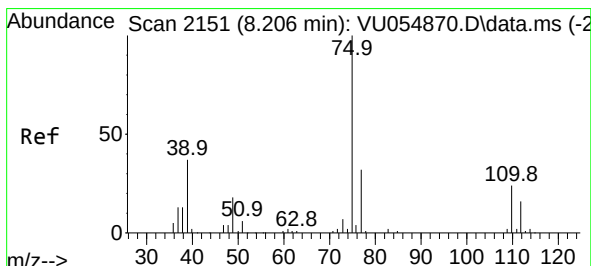
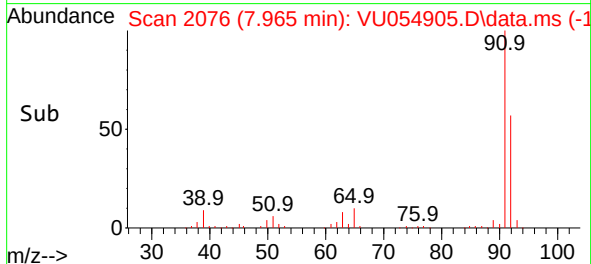
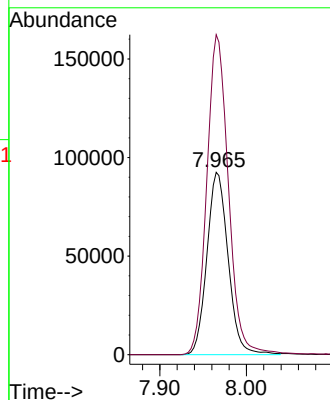
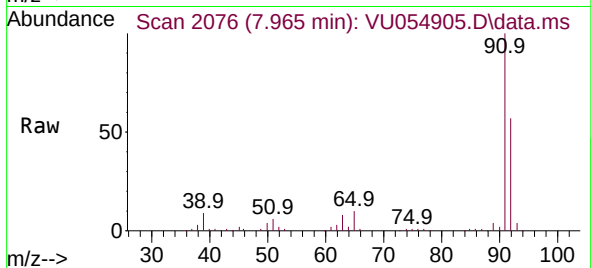
91 178.9 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 10.253 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054905.D

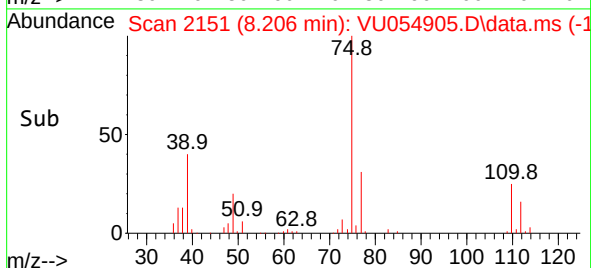
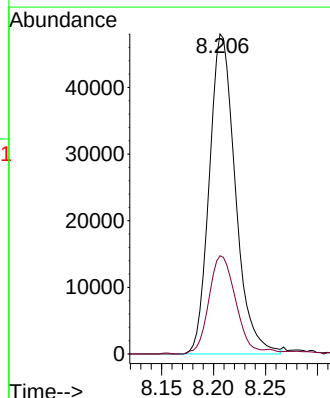
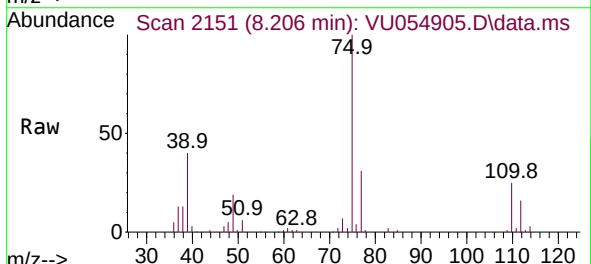
Acq: 28 Jul 2023 10:05

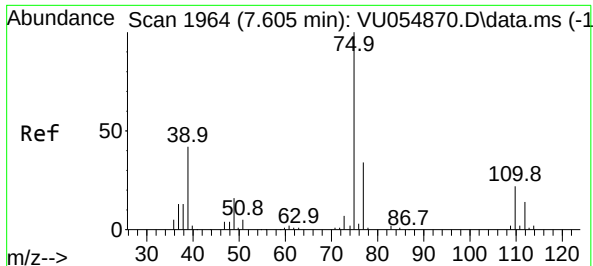
Tgt Ion: 75 Resp: 83654

Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3





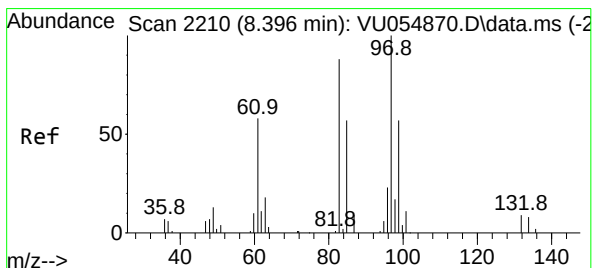
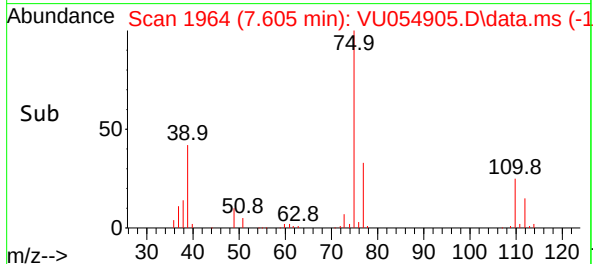
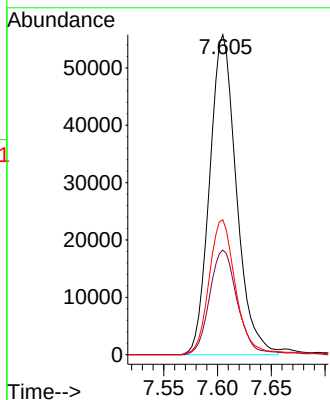
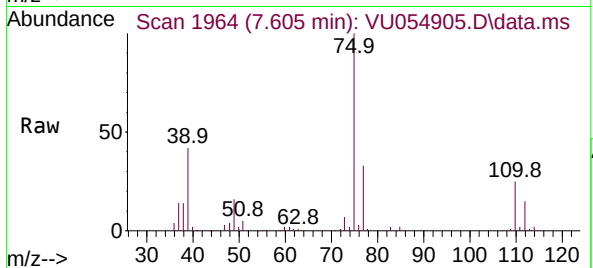
#51
 cis-1,3-Dichloropropene
 Concen: 9.644 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 9672
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 39 42.1 31.7 47.5

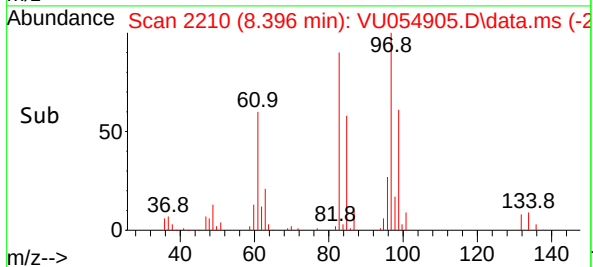
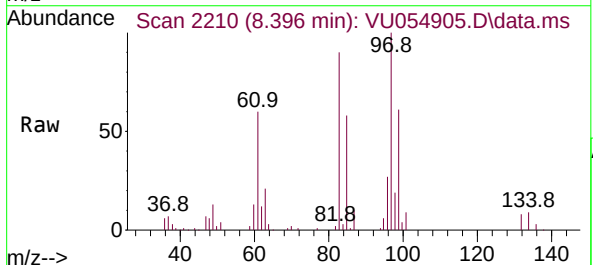
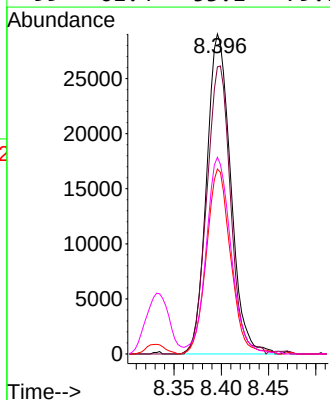
Manual Integrations
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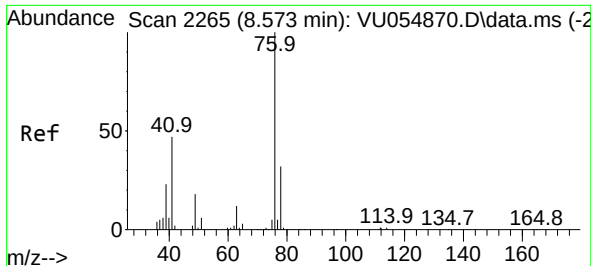
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.851 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Tgt Ion: 97 Resp: 51513
 Ion Ratio Lower Upper
 97 100
 83 89.7 77.4 116.2
 85 57.8 47.8 71.8
 99 61.4 53.1 79.7





#53

1,3-Dichloropropane

Concen: 10.188 ug/l

RT: 8.573 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 86178

Ion Ratio Lower Upper

76 100

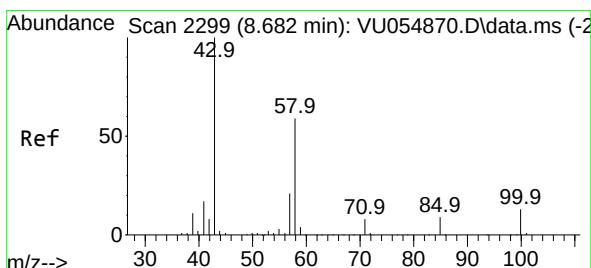
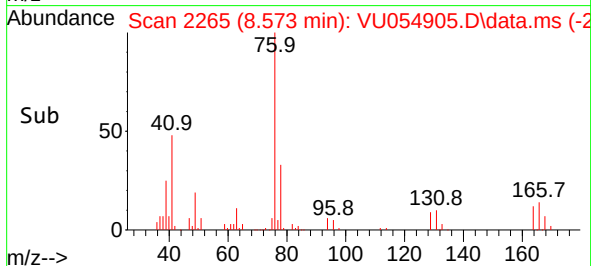
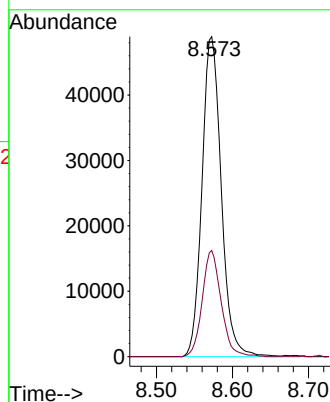
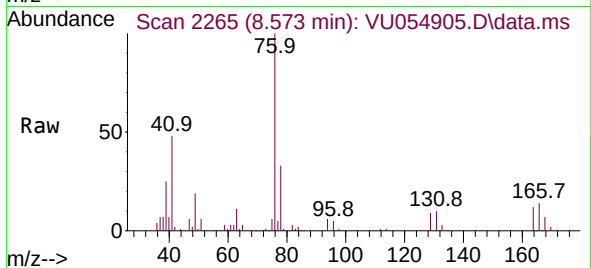
78 32.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 53.127 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

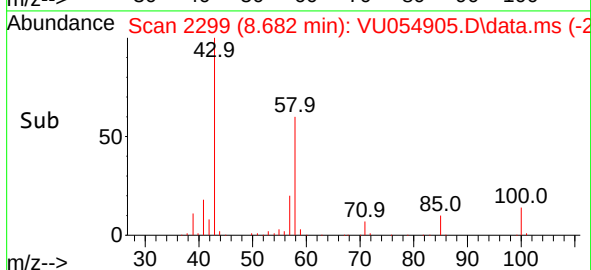
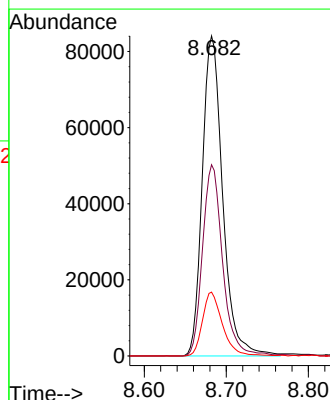
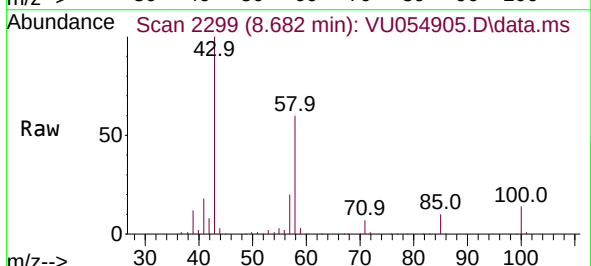
Tgt Ion: 43 Resp: 145291

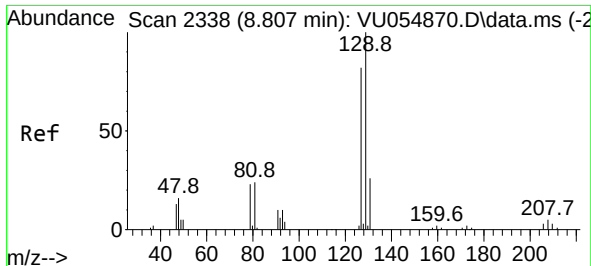
Ion Ratio Lower Upper

43 100

58 58.7 38.9 78.9

57 19.5 0.0 38.7





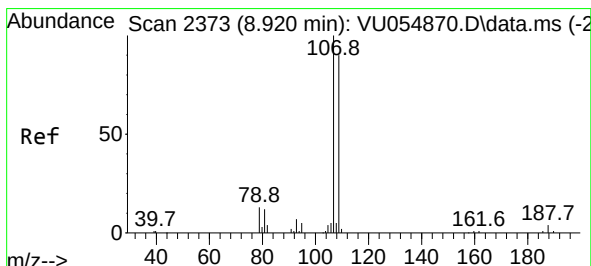
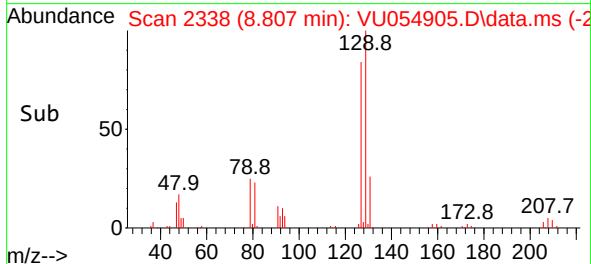
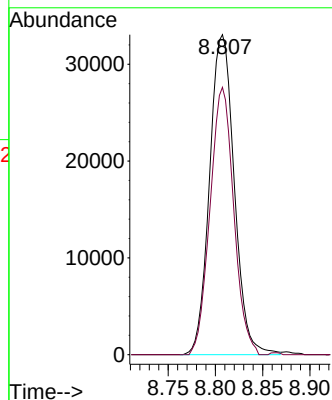
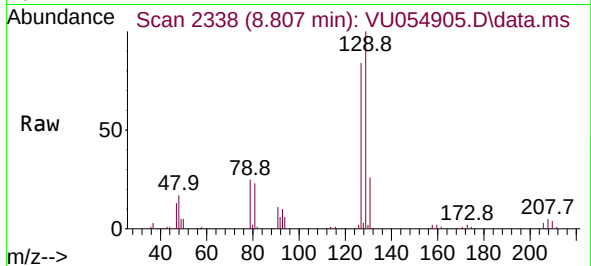
#55
Dibromochloromethane
Concen: 10.039 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:129 Resp: 6014
Ion Ratio Lower Upper
129 100
127 80.0 61.4 92.0

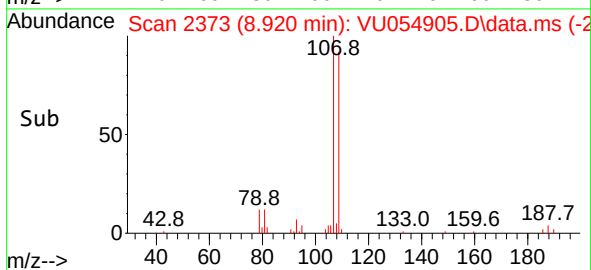
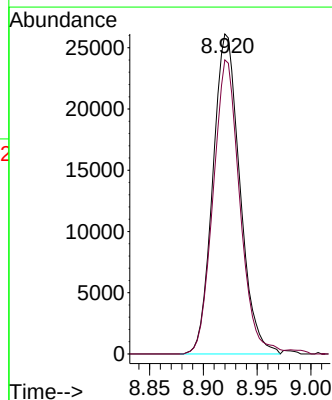
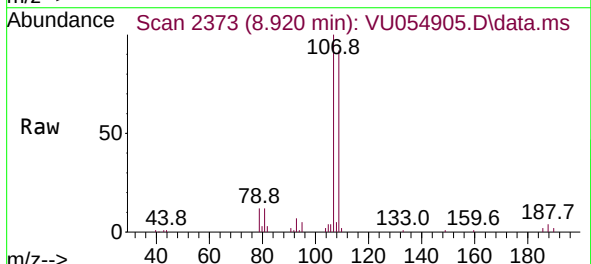
Manual Integrations
APPROVED

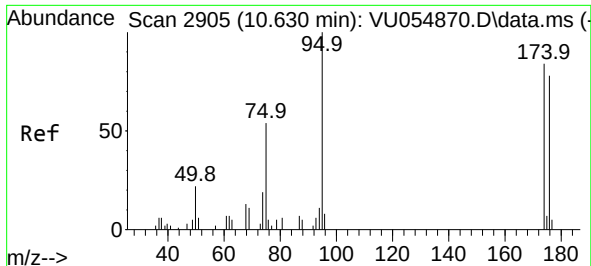
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 10.305 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

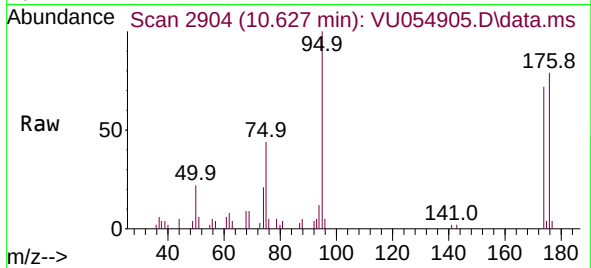
Tgt Ion:107 Resp: 45667
Ion Ratio Lower Upper
107 100
109 90.6 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.279 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

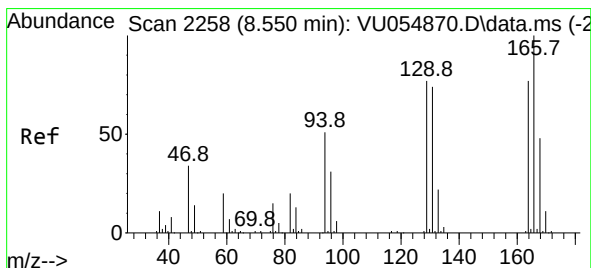
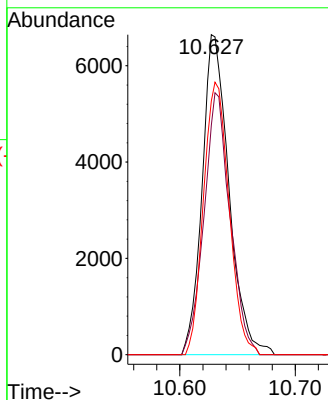
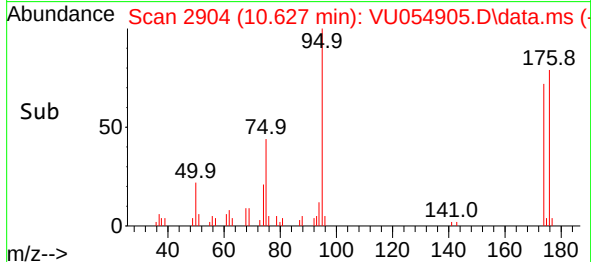
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



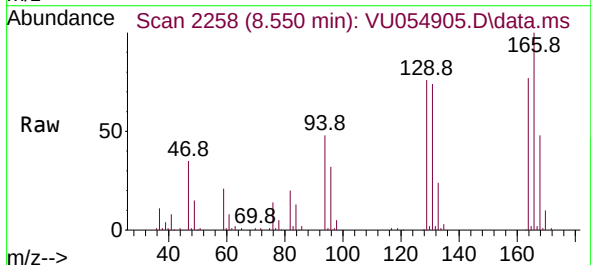
Tgt Ion: 95 Resp: 10690
Ion Ratio Lower Upper
95 100
174 79.7 79.3 118.9
176 81.3 71.5 107.3

Manual Integrations
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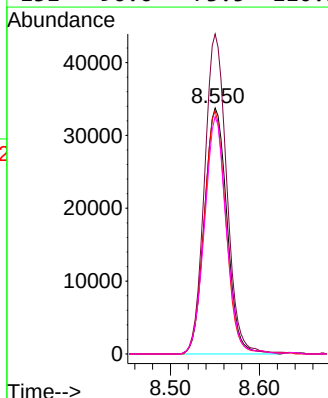
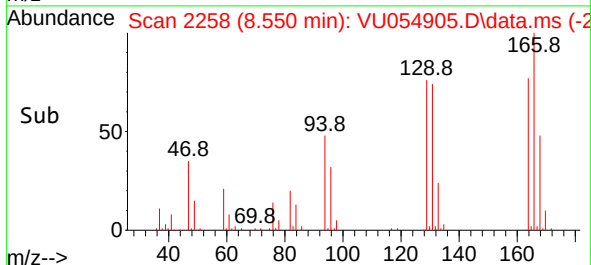
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

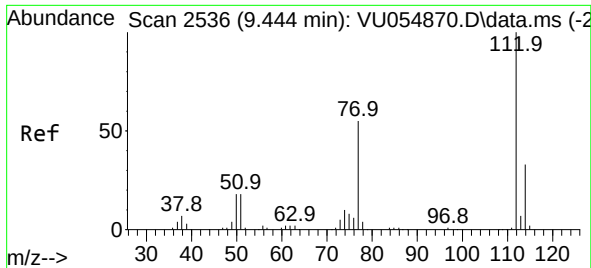


#58
Tetrachloroethene
Concen: 10.194 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



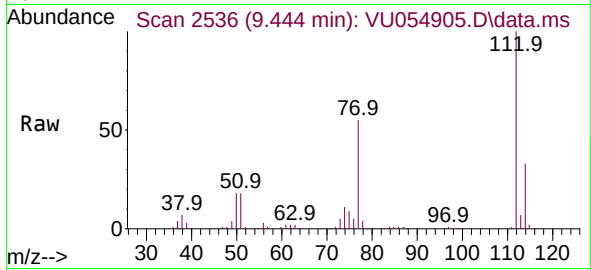
Tgt Ion:164 Resp: 59450
Ion Ratio Lower Upper
164 100
166 130.1 100.4 150.6
129 98.8 71.9 107.9
131 96.6 73.5 110.3





#59
Chlorobenzene
Concen: 9.783 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

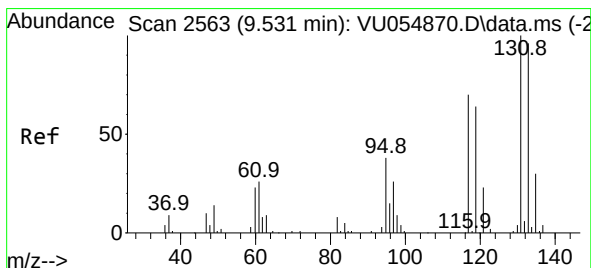
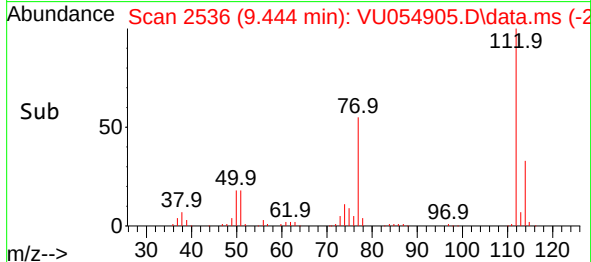
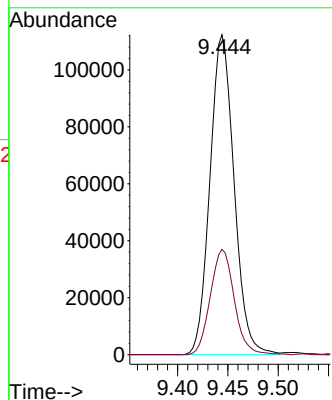
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 187870
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6

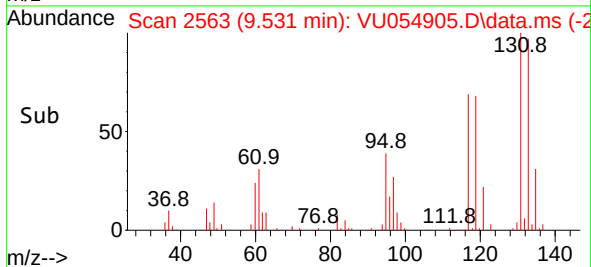
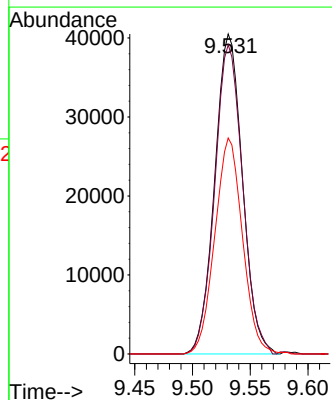
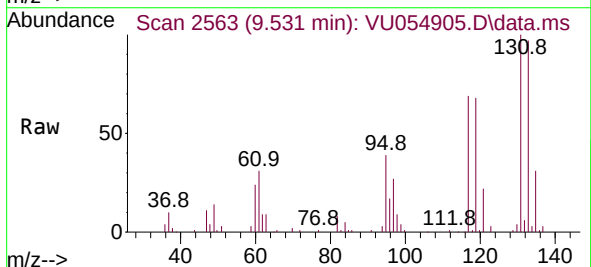
Manual Integrations
APPROVED

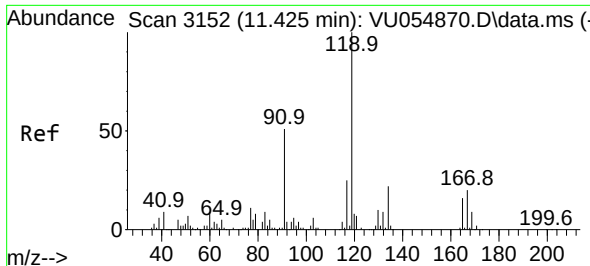
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 9.989 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

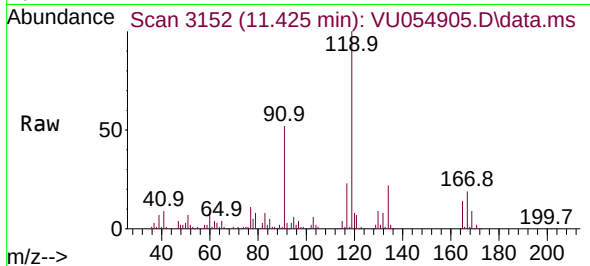
Tgt Ion:131 Resp: 67729
Ion Ratio Lower Upper
131 100
133 97.1 74.2 111.4
119 67.4 51.0 76.4





#61
Pentachloroethane
Concen: 9.910 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

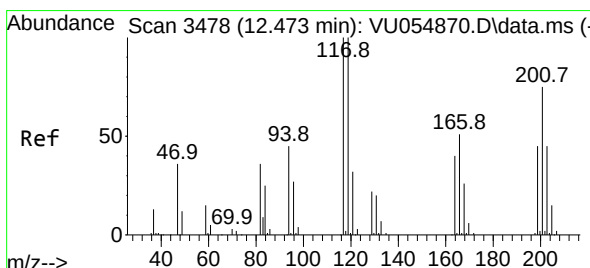
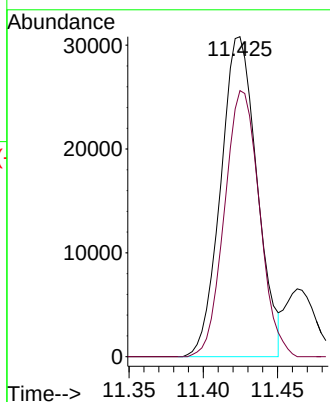
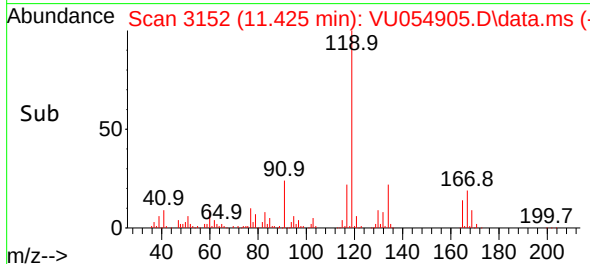
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 52492
Ion Ratio Lower Upper
117 100
167 79.9 65.3 97.9

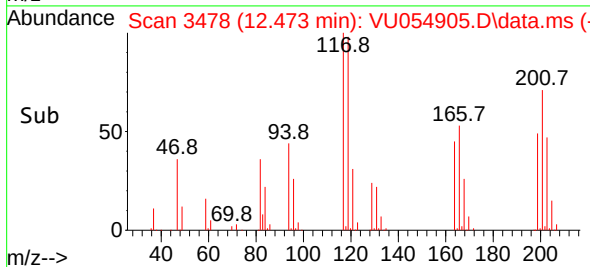
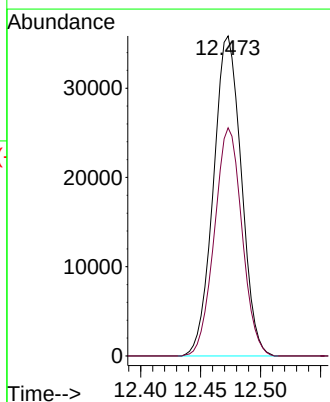
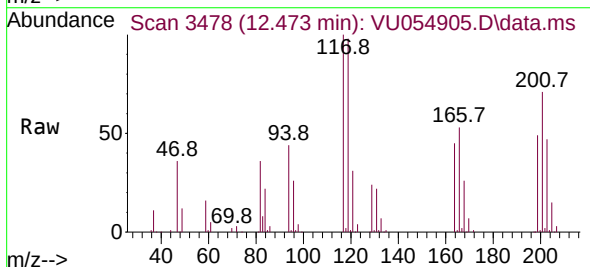
Manual Integrations
APPROVED

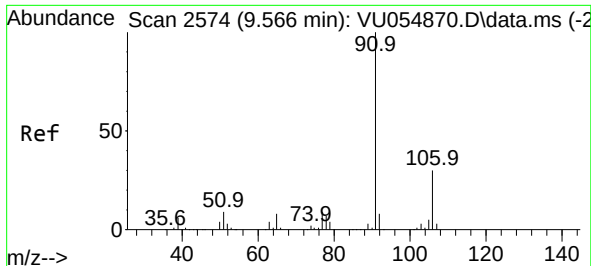
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 10.638 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

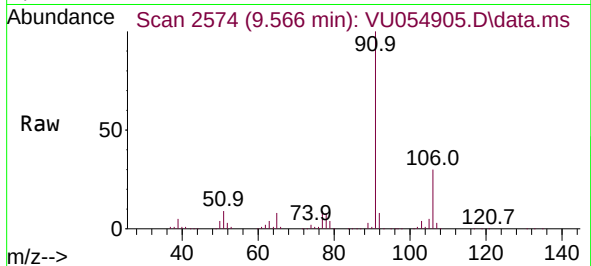
Tgt Ion:117 Resp: 57947
Ion Ratio Lower Upper
117 100
201 70.6 56.1 84.1





#63
Ethyl Benzene
Concen: 10.093 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

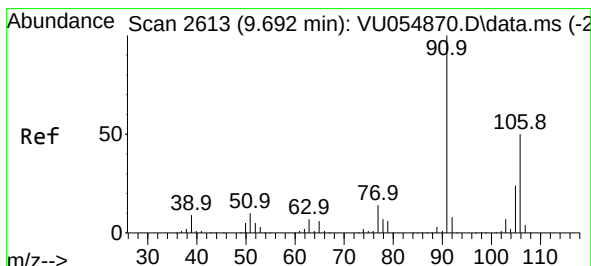
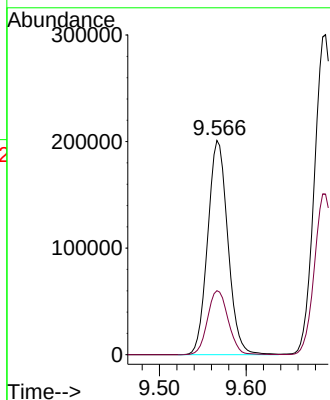
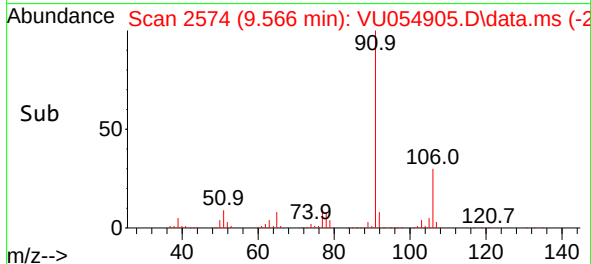
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



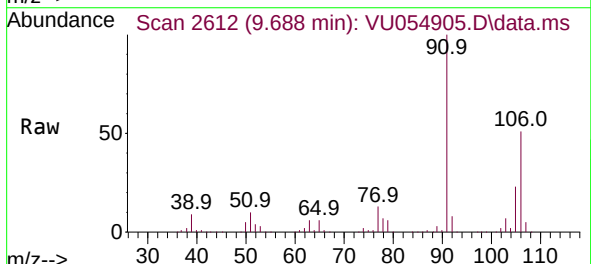
Tgt Ion: 91 Resp: 32523
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

Manual Integrations
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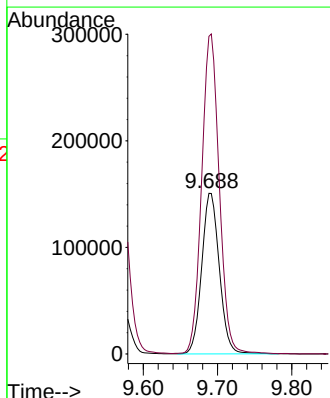
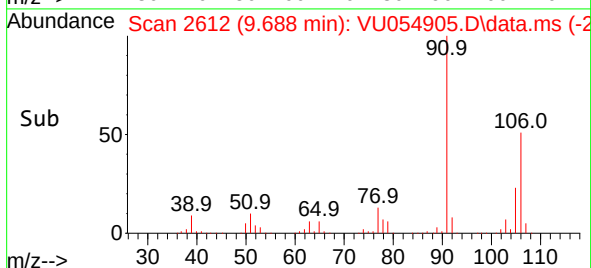
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

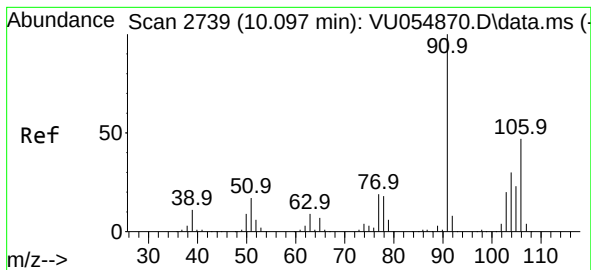


#64
m/p-Xylenes
Concen: 20.530 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion:106 Resp: 247513
Ion Ratio Lower Upper
106 100
91 199.1 158.8 238.2





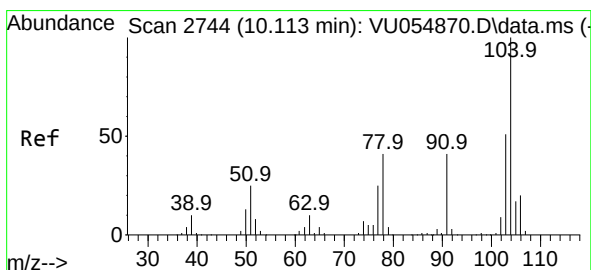
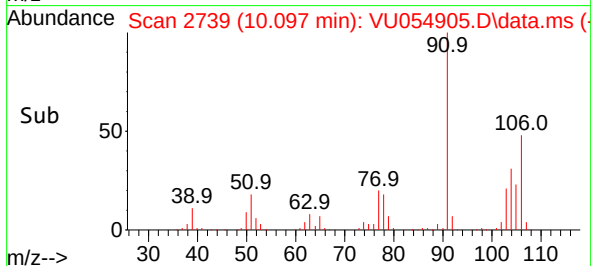
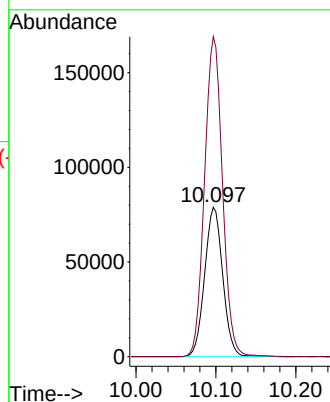
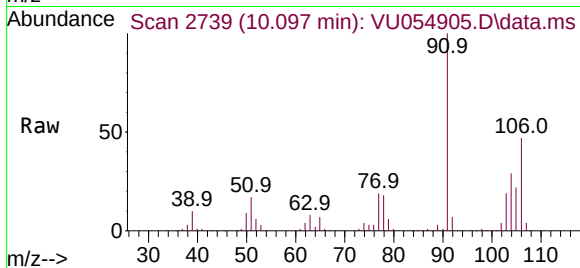
#65
o-Xylene
Concen: 10.057 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 124544
Ion Ratio Lower Upper
106 100
91 212.3 108.9 326.8

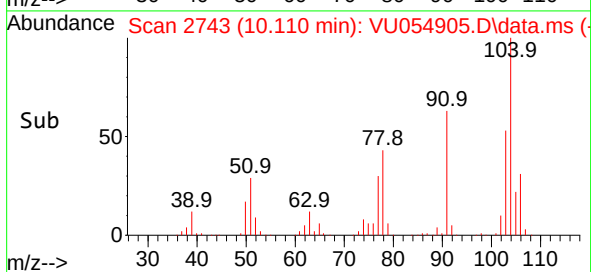
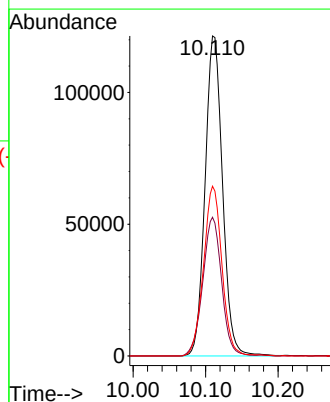
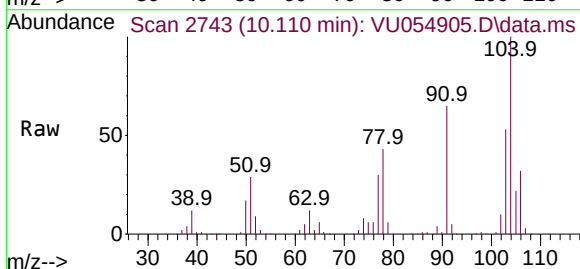
Manual Integrations
APPROVED

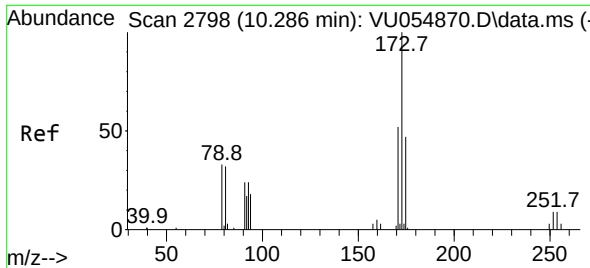
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 10.274 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

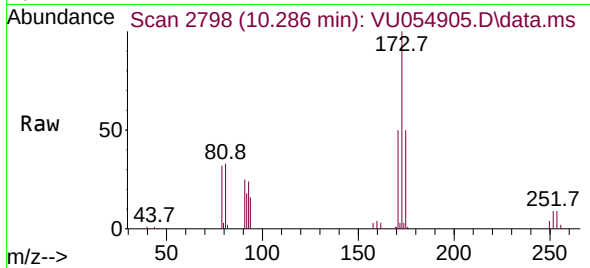
Tgt Ion:104 Resp: 203417
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 56.1 45.2 67.8





#67
Bromoform
Concen: 11.201 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

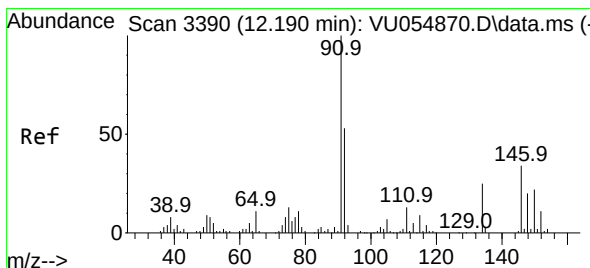
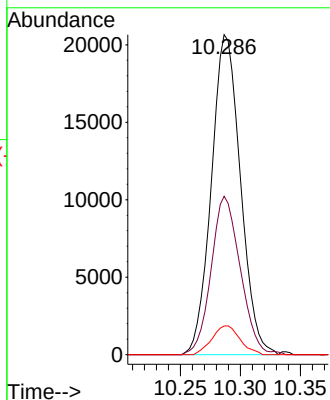
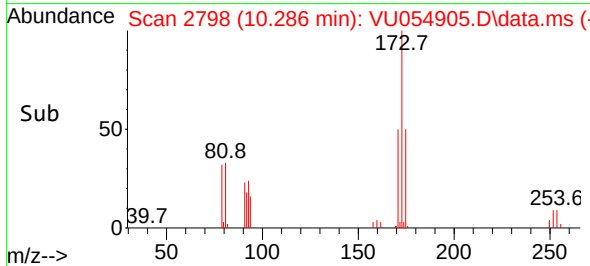
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



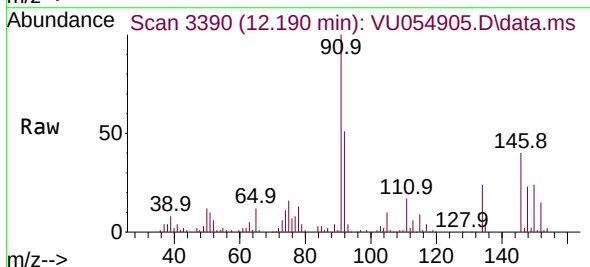
Tgt Ion:173 Resp: 3480
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
254 8.7 7.4 11.0

Manual Integrations
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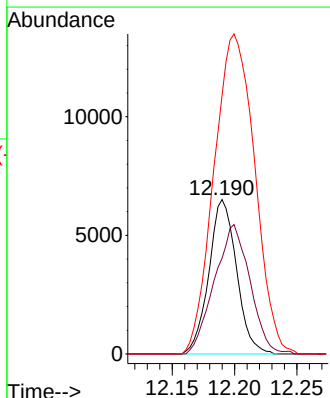
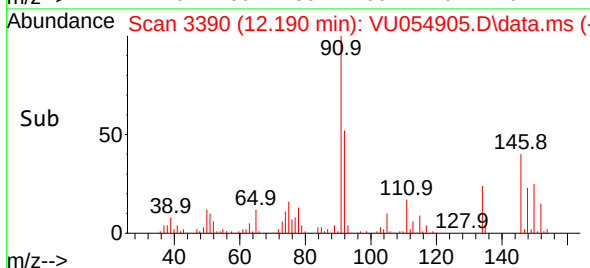
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

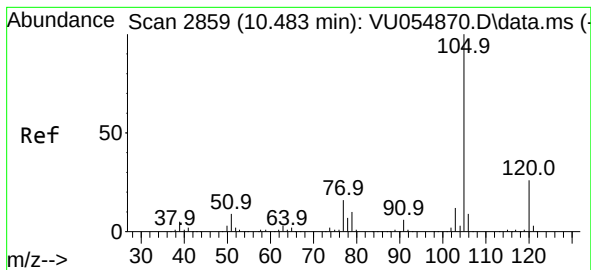


#68
1,2-Dichlorobenzene-d4
Concen: 1.065 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion:152 Resp: 10067
Ion Ratio Lower Upper
152 100
115 107.2 0.0 234.8
150 304.7 0.0 598.2





#69

Isopropylbenzene

Concen: 10.158 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 33770

Ion Ratio Lower Upper

105 100

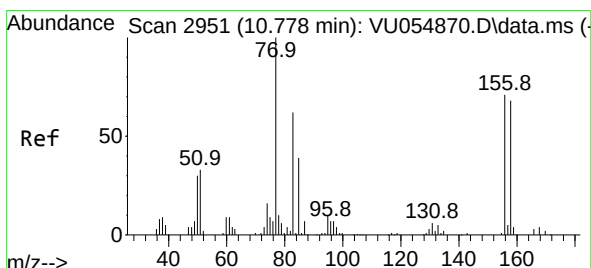
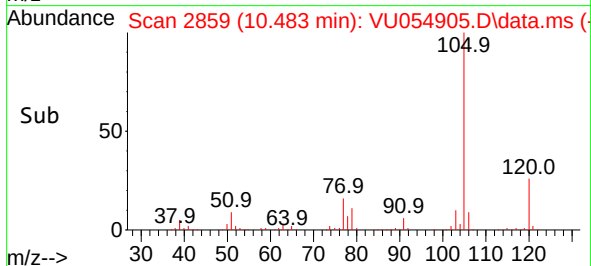
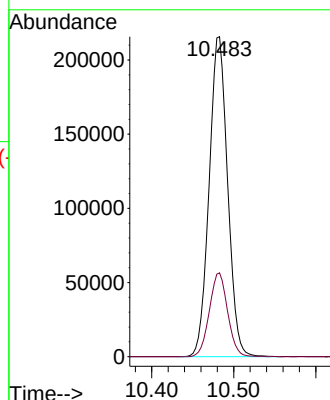
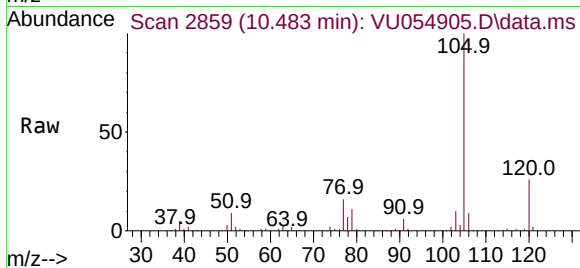
120 25.8 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 10.273 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

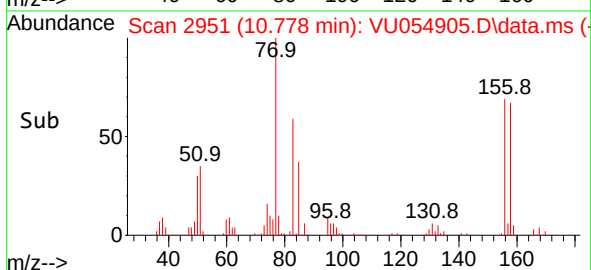
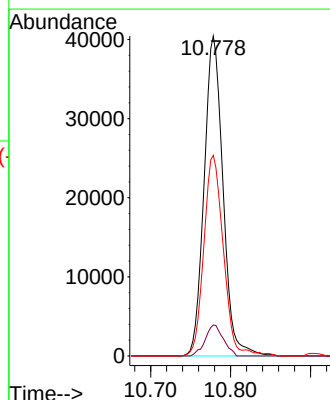
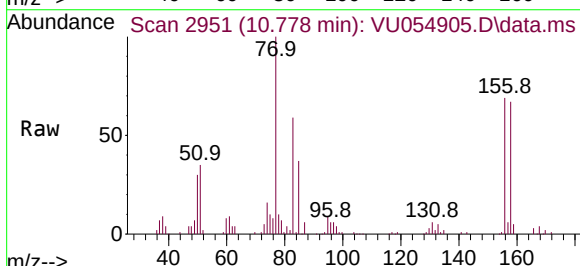
Tgt Ion: 83 Resp: 66489

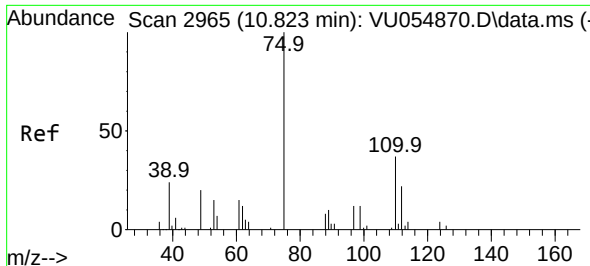
Ion Ratio Lower Upper

83 100

131 9.3 7.5 11.3

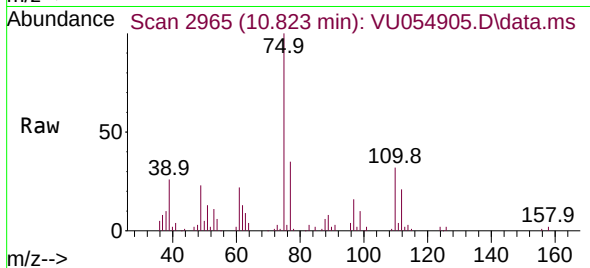
85 64.7 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 9.689 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

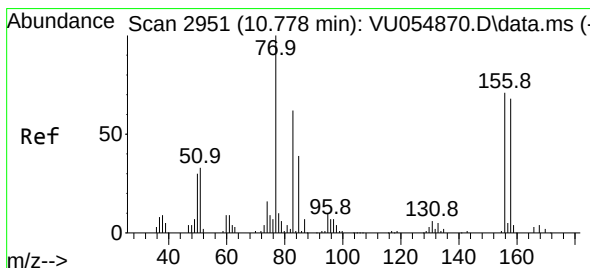
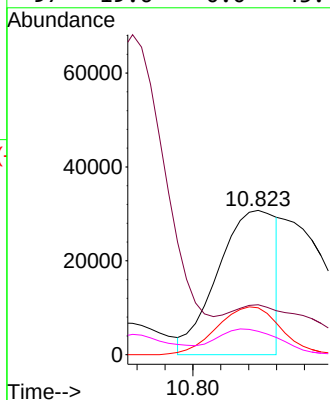
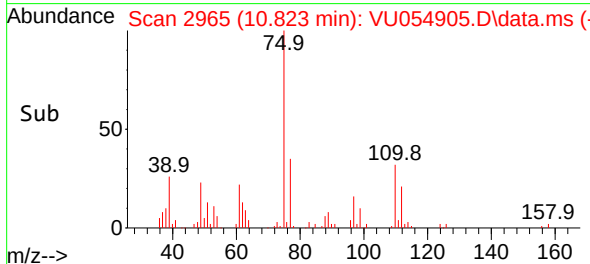
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



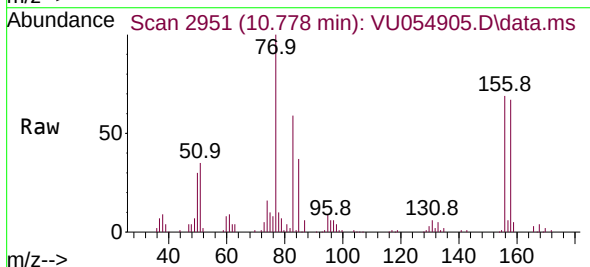
Tgt Ion: 75 Resp: 4466
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.7 0.0 80.8
97 19.6 0.0 43.4

Manual Integrations
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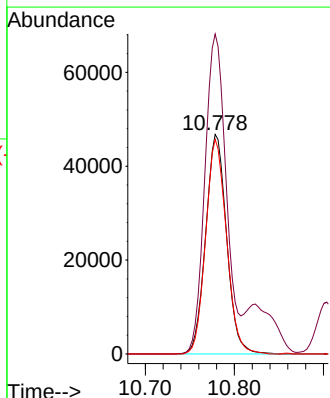
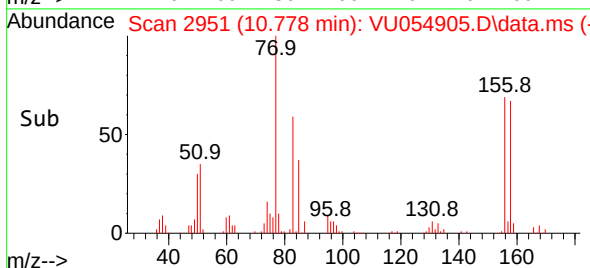
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

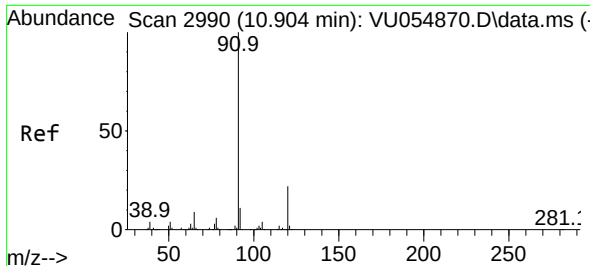


#72
Bromobenzene
Concen: 10.308 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion:156 Resp: 76298
Ion Ratio Lower Upper
156 100
77 148.1 0.0 293.2
158 97.5 0.0 189.8





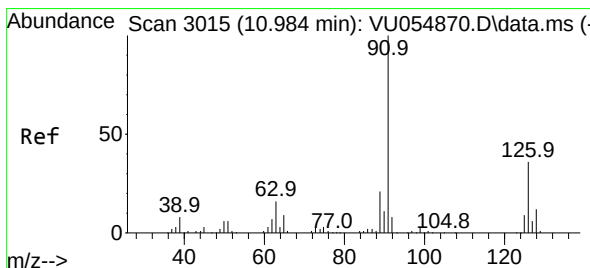
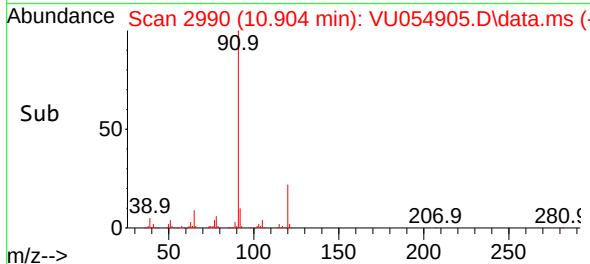
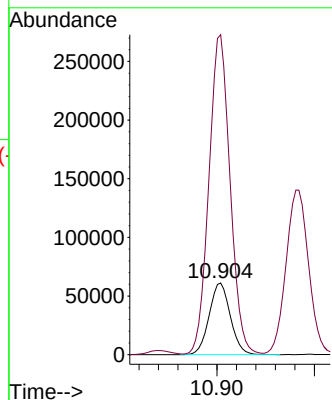
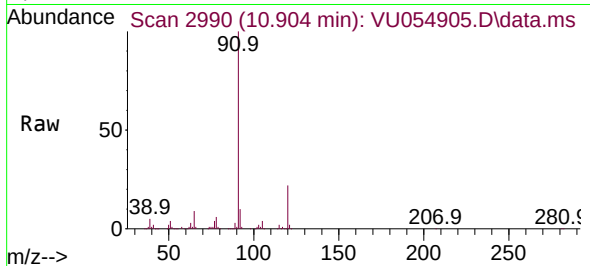
#73
n-propylbenzene
Concen: 10.341 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 92000
Ion Ratio Lower Upper
120 100
91 445.9 361.8 542.6

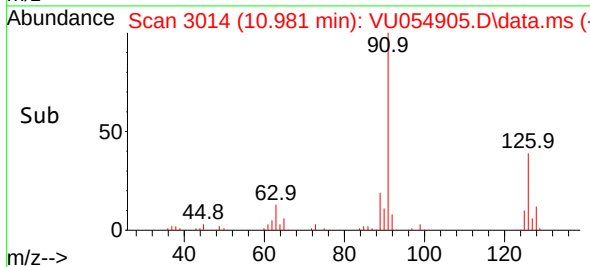
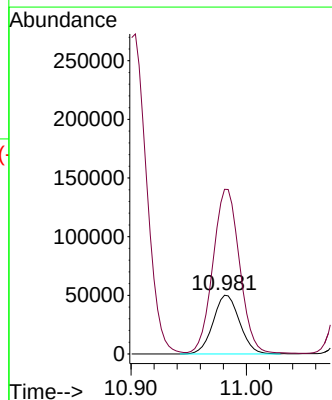
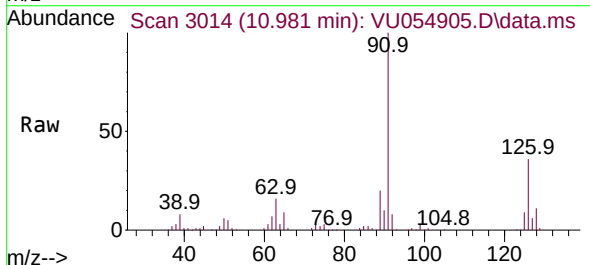
Manual Integrations
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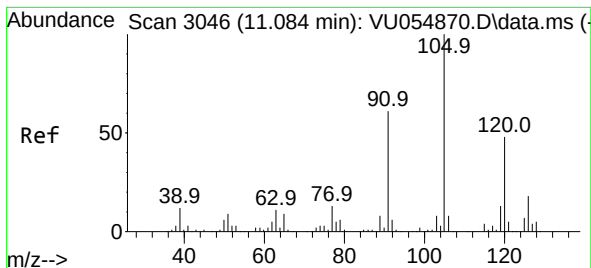
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.329 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

Tgt Ion:126 Resp: 79559
Ion Ratio Lower Upper
126 100
91 282.5 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 10.430 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054905.D

Acq: 28 Jul 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 280810

Ion Ratio Lower Upper

105 100

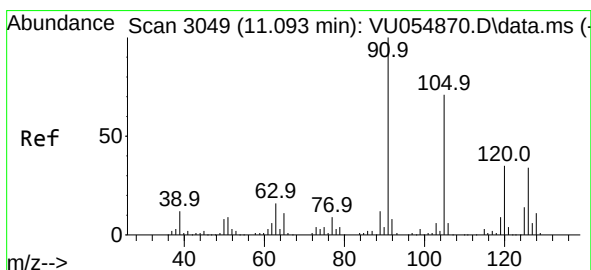
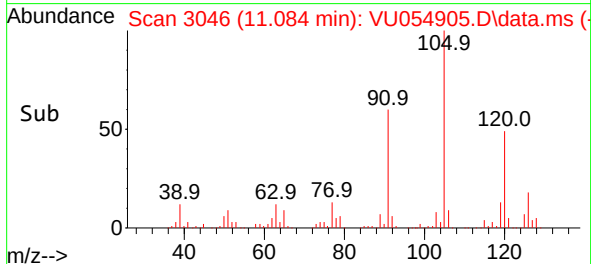
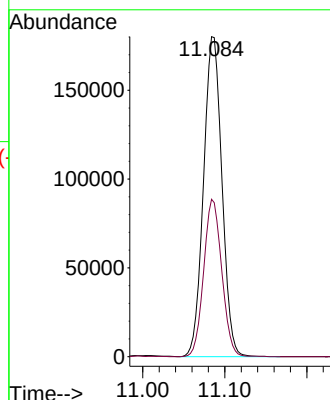
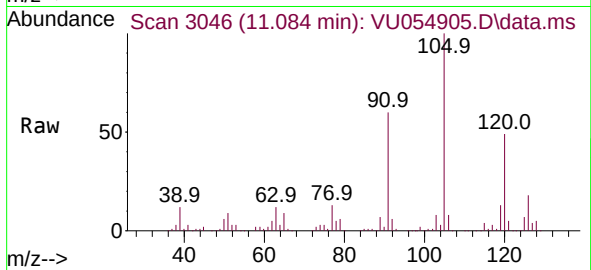
120 48.3 39.0 58.4

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 10.364 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU054905.D

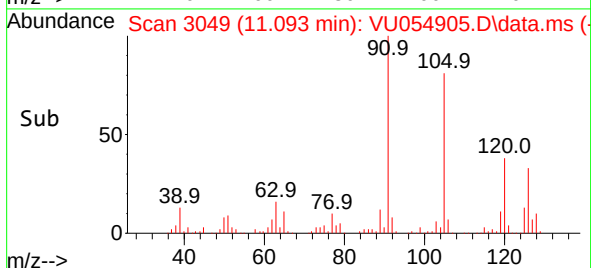
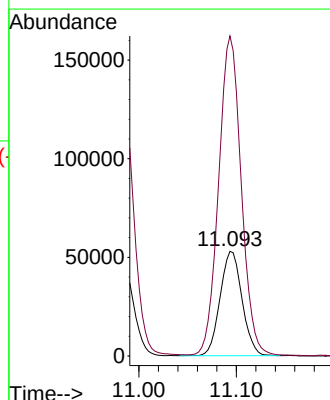
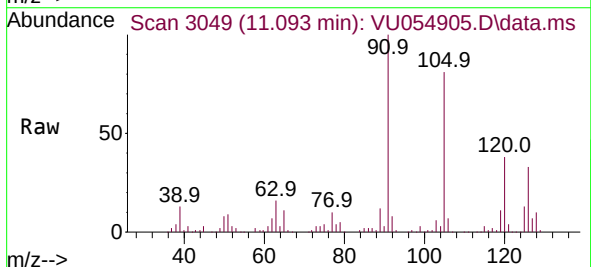
Acq: 28 Jul 2023 10:05

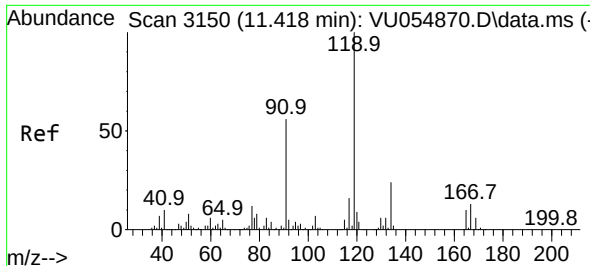
Tgt Ion:126 Resp: 82930

Ion Ratio Lower Upper

126 100

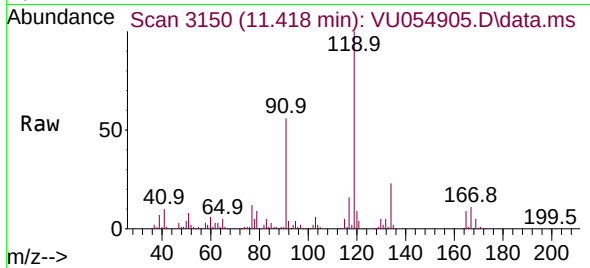
91 315.7 0.0 623.4





#77
tert-Butylbenzene
Concen: 10.221 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

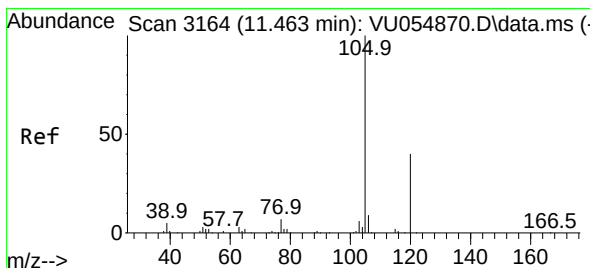
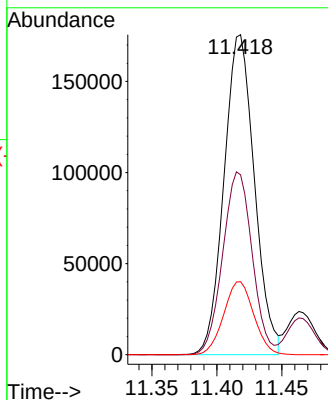
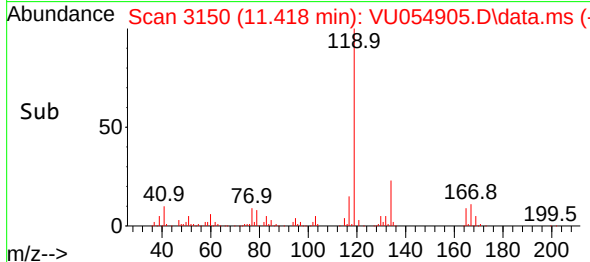
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



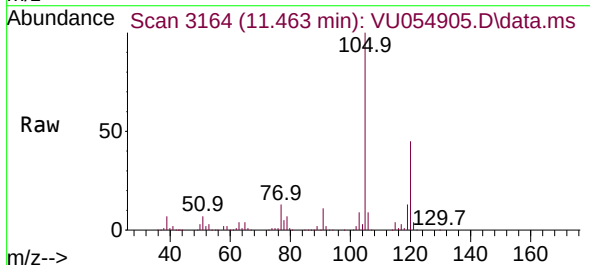
Tgt Ion:119 Resp: 286159
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 22.6 18.6 27.8

Manual Integrations
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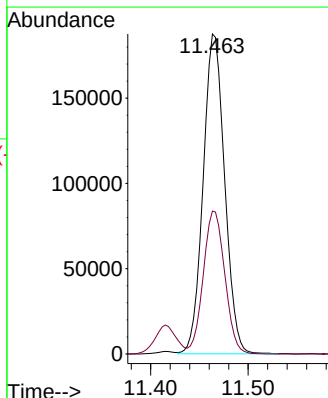
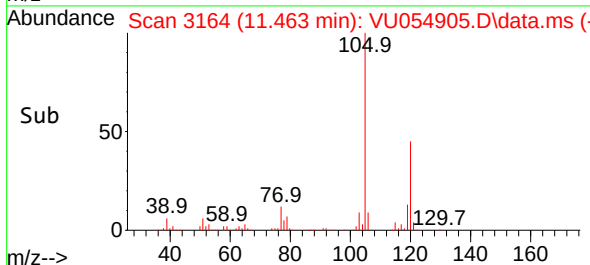
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

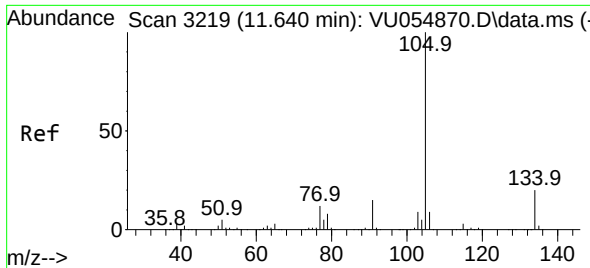


#78
1,2,4-Trimethylbenzene
Concen: 10.419 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion:105 Resp: 287163
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





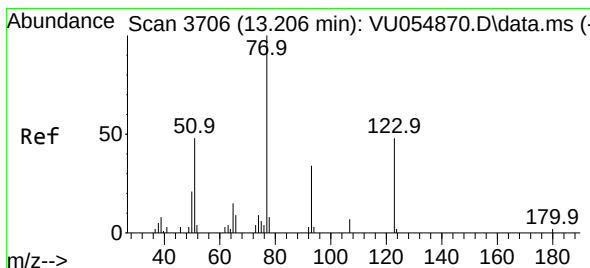
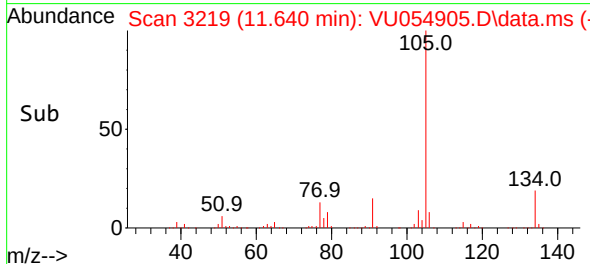
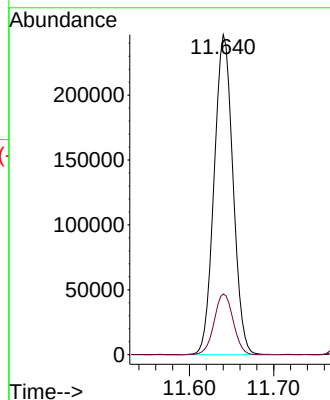
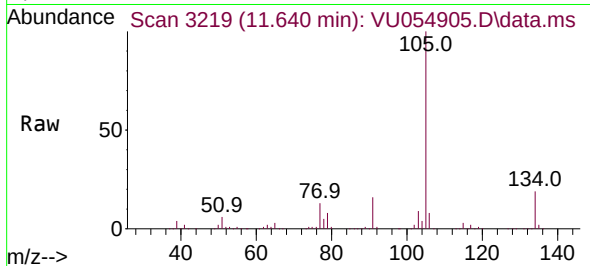
#79
 sec-Butylbenzene
 Concen: 10.501 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 382209
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.7 23.5

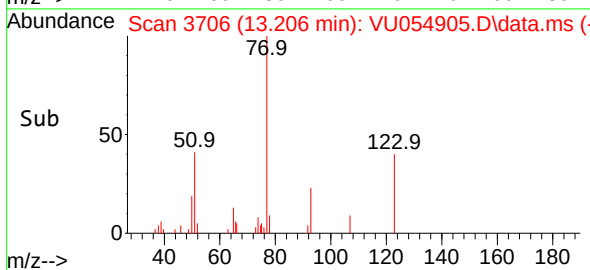
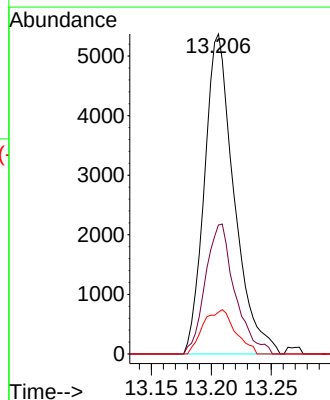
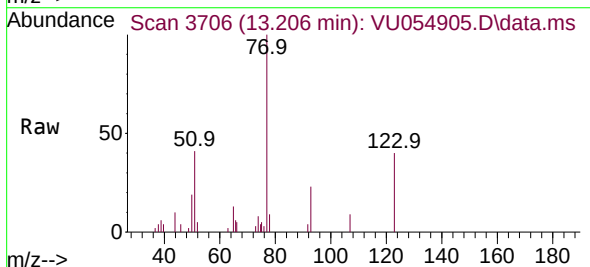
Manual Integrations
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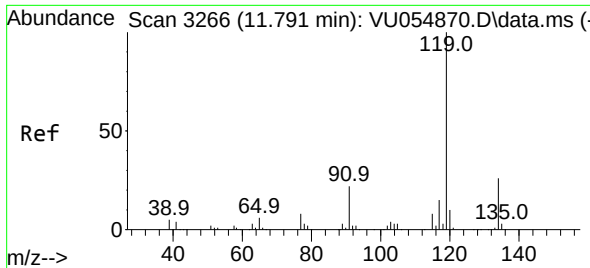
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 54.177 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Tgt Ion: 77 Resp: 9213
 Ion Ratio Lower Upper
 77 100
 123 40.5 20.2 71.8
 65 15.0 11.7 14.9#





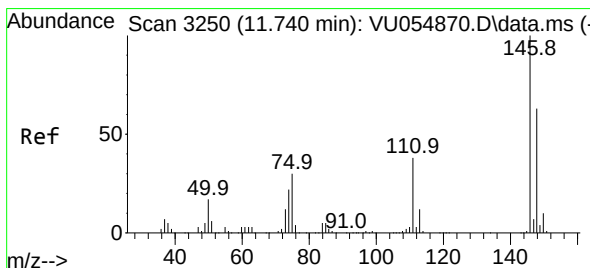
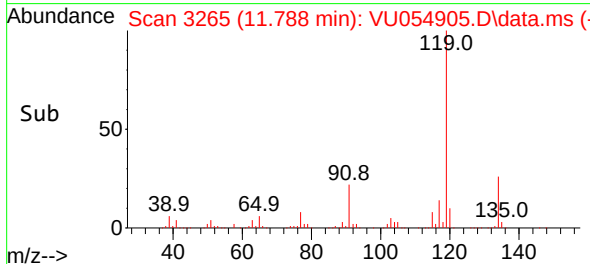
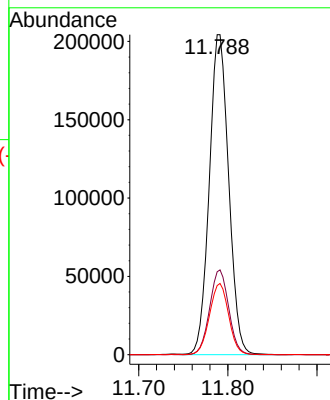
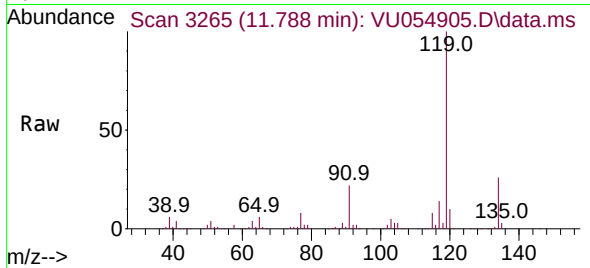
#81
 p-Isopropyltoluene
 Concen: 10.726 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. -0.003 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:119 Resp: 308104
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.6 31.0
 91 22.1 18.2 27.4

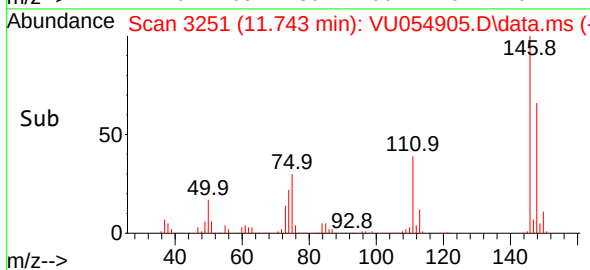
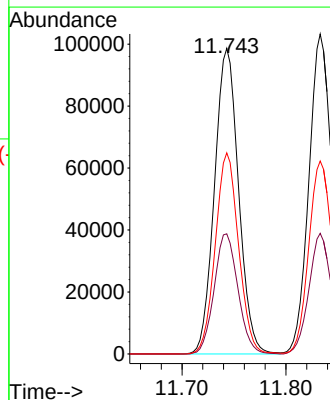
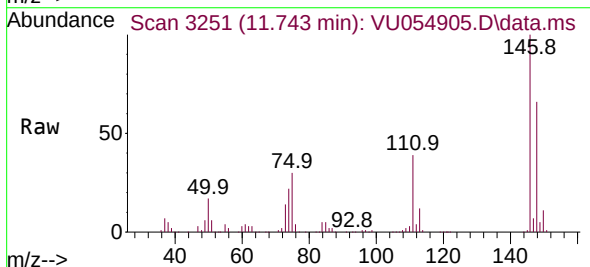
Manual Integrations
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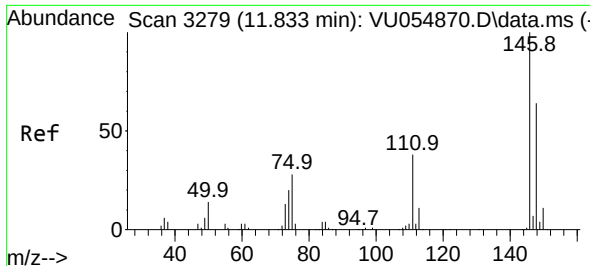
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#82
 1,3-Dichlorobenzene
 Concen: 10.071 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU054905.D
 Acq: 28 Jul 2023 10:05

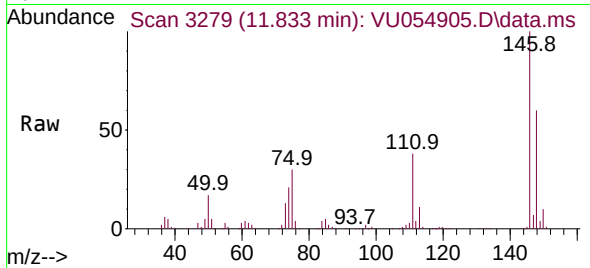
Tgt Ion:146 Resp: 158700
 Ion Ratio Lower Upper
 146 100
 111 38.8 30.5 45.7
 148 63.7 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 10.257 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

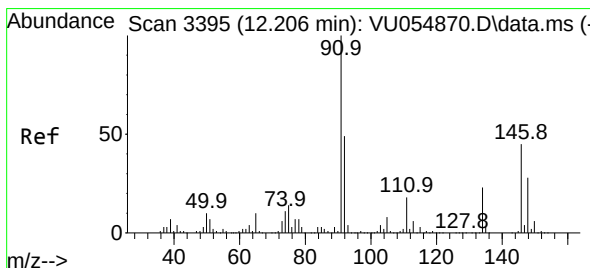
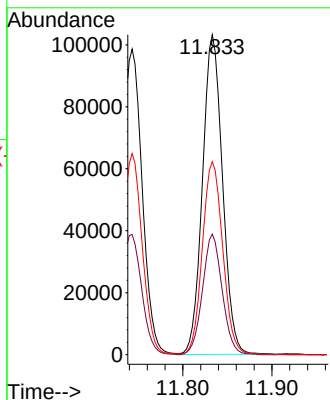
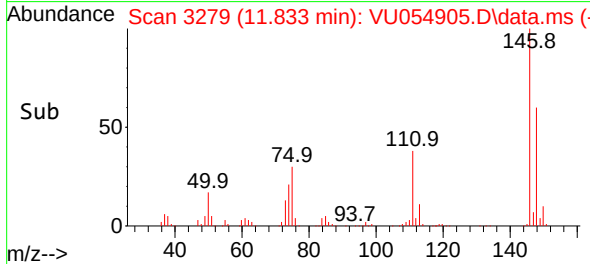
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



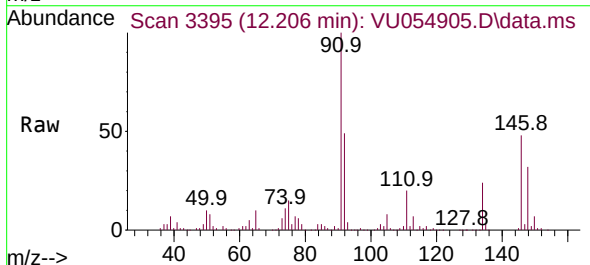
Tgt Ion:146 Resp: 161124
Ion Ratio Lower Upper
146 100
111 36.9 29.5 44.3
148 61.5 51.2 76.8

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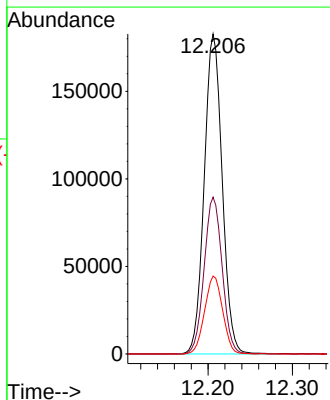
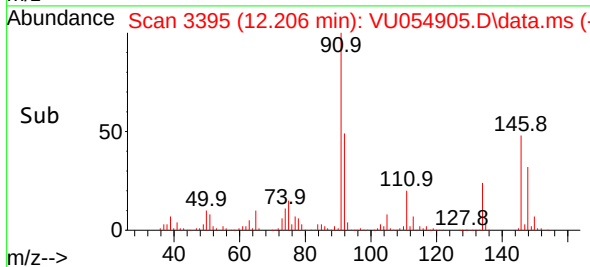
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

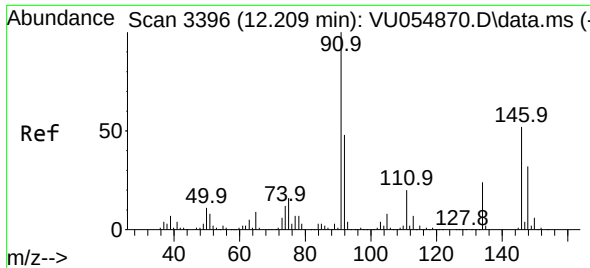


#84
n-Butylbenzene
Concen: 10.527 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



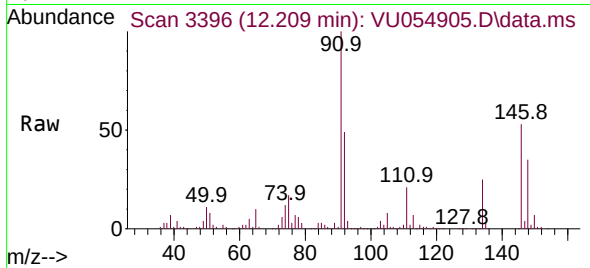
Tgt Ion: 91 Resp: 271618
Ion Ratio Lower Upper
91 100
92 49.2 39.8 59.8
134 24.4 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 9.884 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

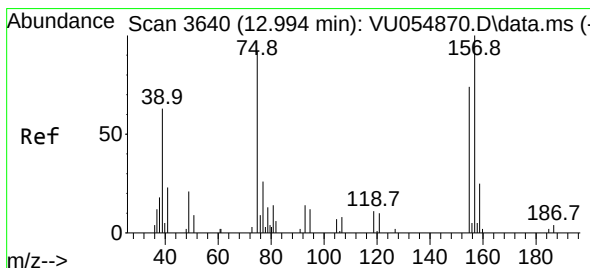
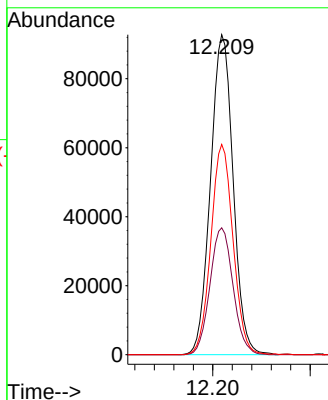
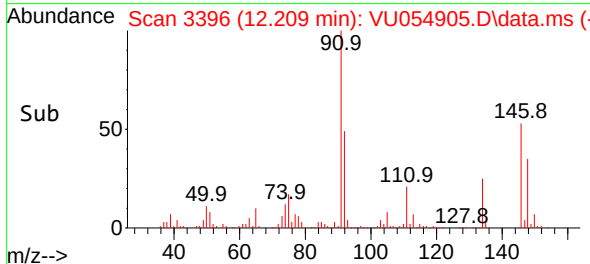
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 149295
Ion Ratio Lower Upper
146 100
111 40.5 19.8 59.4
148 64.6 31.8 95.3

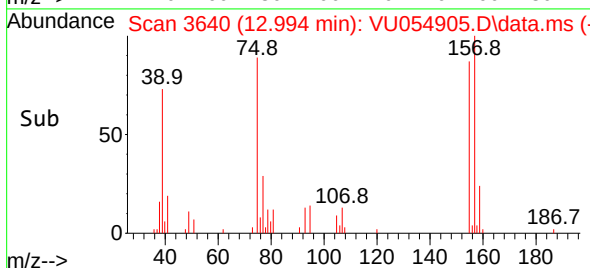
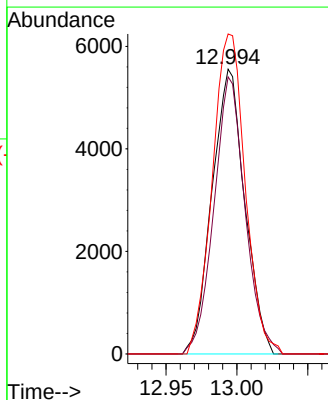
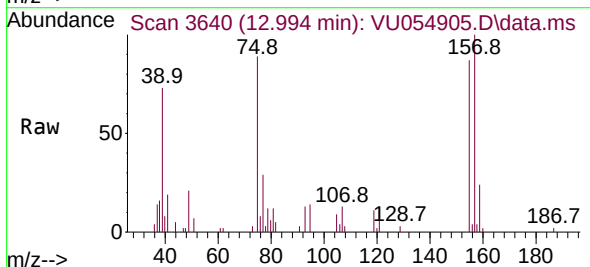
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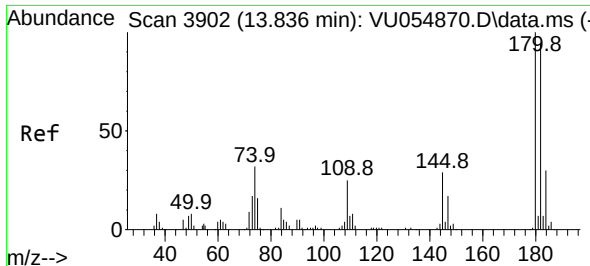
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.372 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

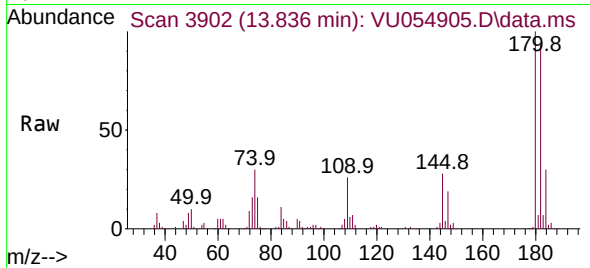
Tgt Ion: 75 Resp: 8925
Ion Ratio Lower Upper
75 100
155 92.2 74.8 112.2
157 112.9 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 9.848 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

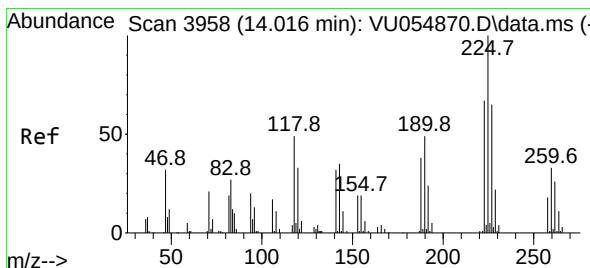
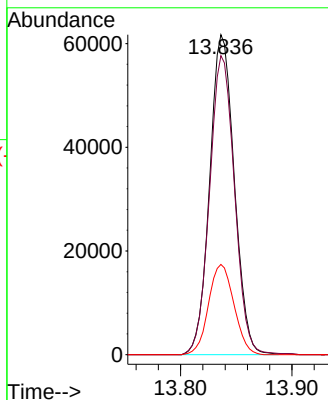
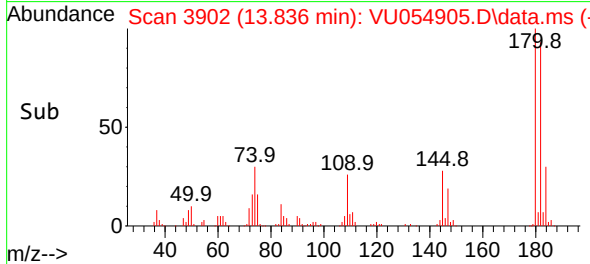
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 94874
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.6
145 29.1 23.4 35.0

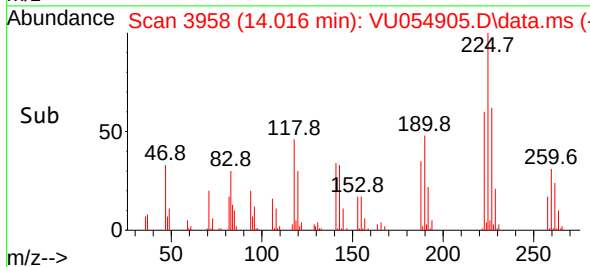
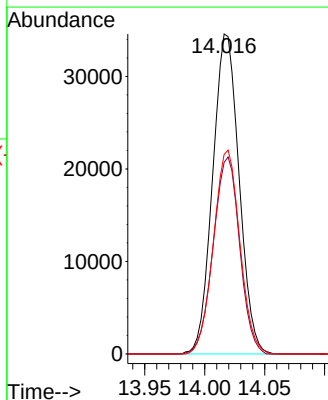
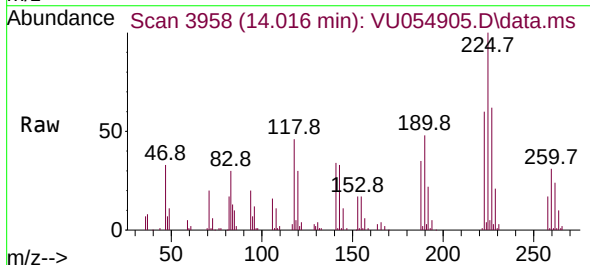
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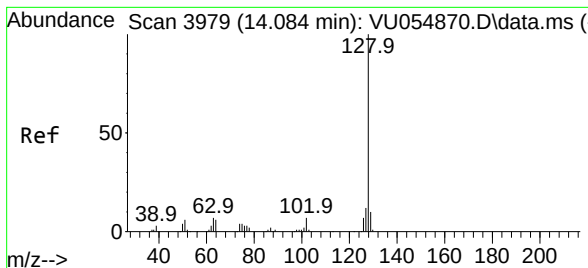
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 10.295 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

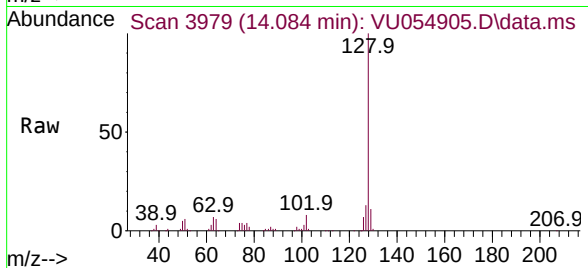
Tgt Ion:225 Resp: 52900
Ion Ratio Lower Upper
225 100
223 61.5 50.6 76.0
227 63.7 50.7 76.1





#89
Naphthalene
Concen: 9.065 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05

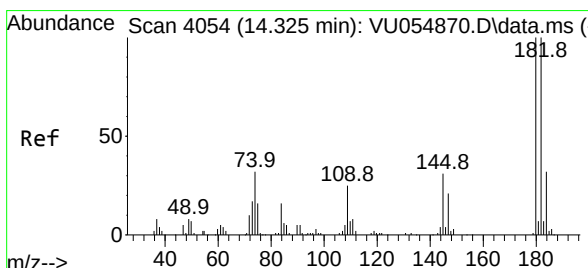
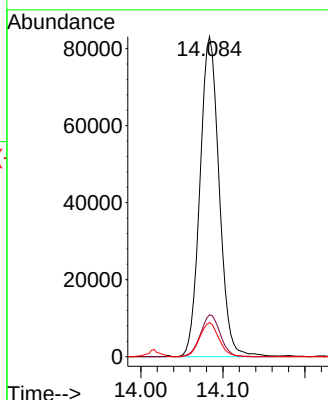
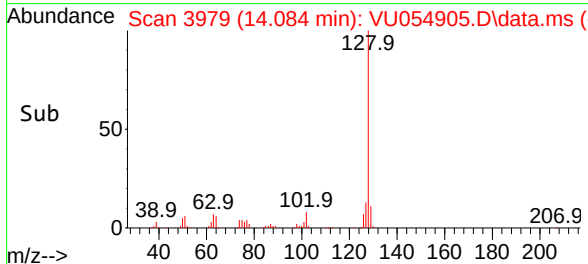
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



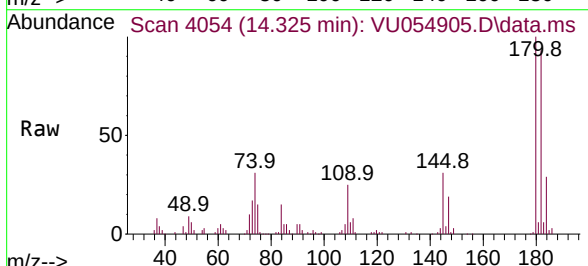
Tgt Ion:128 Resp: 135244
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.6 8.7 13.1

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Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 9.598 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054905.D
Acq: 28 Jul 2023 10:05



Tgt Ion:180 Resp: 82048
Ion Ratio Lower Upper
180 100
182 93.4 76.0 114.0
145 30.3 24.3 36.5

