

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054849.D
 Acq On : 24 Jul 2023 09:58
 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 07/25/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 25 02:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	29462	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10115	1.137	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9922	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	59673	10.179	ug/l	98
3) Chloromethane	1.518	50	64640	9.495	ug/l	96
4) Vinyl Chloride	1.602	62	87111	9.967	ug/l	98
5) Bromomethane	1.856	94	64737	10.437	ug/l	100
6) Chloroethane	1.933	64	88358	10.699	ug/l	99
7) Trichlorofluoromethane	2.136	101	211080	9.966	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	63435	10.453	ug/l	98
9) 1,1-Dichloroethene	2.576	96	53226	10.502	ug/l	99
10) Iodomethane	2.717	142	83016	10.169	ug/l	100
11) Allyl Chloride	2.920	41	63021	10.600	ug/l	98
12) Acrylonitrile	3.322	53	26328	21.351	ug/l	99
13) Acetone	2.644	43	59432	56.219	ug/l	97
14) Carbon Disulfide	2.788	76	87663	10.260	ug/l	98
15) Methylene Chloride	3.042	84	65363	8.795	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	56655	10.059	ug/l	96
17) 1,1-Dichloroethane	3.865	63	126071	10.578	ug/l	98
18) 2-Butanone	4.714	43	91977	59.476	ug/l	93
19) Cyclohexane	5.383	56	71022	10.293	ug/l	88
20) Methylcyclohexane	6.759	83	99620	10.870	ug/l	97
21) 2,2-Dichloropropane	4.663	77	114354	11.001	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	74434	10.437	ug/l	96
23) Diethyl Ether	2.373	59	74855	9.613	ug/l	99
24) tert-Butyl Alcohol	3.238	59	63664m	94.906	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	167598	10.837	ug/l	96
26) Bromochloromethane	4.971	128	30881	11.361	ug/l	98
27) Chloroform	5.084	83	138724	10.592	ug/l	97
28) 1,1,1-Trichloroethane	5.312	97	119605	10.867	ug/l	99
29) 1,1-Dichloropropene	5.524	75	86874	11.098	ug/l	98
30) Carbon Tetrachloride	5.521	117	103172	11.279	ug/l	95
31) Isopropyl Ether	3.988	45	189778	10.760	ug/l	99
32) Ethyl-t-butyl ether	4.496	59	191361	10.559	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	177660	10.416	ug/l	99
34) Propionitrile	4.791	54	27844	60.188	ug/l #	86
35) Benzene	5.769	78	272479	10.711	ug/l	98
36) 1,2-Dichloroethane	5.791	62	78162	10.695	ug/l #	86
37) Trichloroethene	6.540	130	75074	10.920	ug/l	99
38) 1,2-Dichloropropane	6.788	63	76802	10.458	ug/l	100
39) Methacrylonitrile	4.971	41	20021	12.158	ug/l	91
40) Methyl acrylate	4.846	55	30508	10.855	ug/l #	91
41) Tetrahydrofuran	5.061	42	20924	21.499	ug/l #	85
42) 1-Chlorobutane	5.454	56	114281	10.792	ug/l	98
43) Dibromomethane	6.917	93	38051	11.138	ug/l	100
44) Bromodichloromethane	7.103	83	103968	11.108	ug/l #	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	218937	54.151	ug/l	99
46) t-1,4-Dichloro-2-butene	10.836	75	42496m	25.106	ug/l	
47) Methyl methacrylate	6.955	69	71943	22.417	ug/l	98
48) Ethyl methacrylate	8.331	69	71602	10.982	ug/l	98
49) Toluene	7.965	92	175864	10.834	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	96655	11.650	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	116994	11.598	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	56605	10.982	ug/l	97
53) 1,3-Dichloropropane	8.573	76	94025	10.824	ug/l	98
54) 2-Hexanone	8.682	43	156562	55.544	ug/l	99
55) Dibromochloromethane	8.807	129	69518	11.288	ug/l	97
56) 1,2-Dibromoethane	8.920	107	50455	11.192	ug/l	99
58) Tetrachloroethene	8.550	164	61625	10.286	ug/l	96
59) Chlorobenzene	9.444	112	208558	10.779	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	75822	11.100	ug/l	97
61) Pentachloroethane	11.425	117	61608	11.457	ug/l	99
62) Hexachloroethane	12.473	117	67563	12.232	ug/l	98
63) Ethyl Benzene	9.566	91	360216	10.921	ug/l	97
64) m/p-Xylenes	9.691	106	271862	21.800	ug/l	98
65) o-Xylene	10.097	106	137834	10.973	ug/l	98
66) Styrene	10.110	104	225282	11.163	ug/l	99
67) Bromoform	10.286	173	39086	11.779	ug/l	99
69) Isopropylbenzene	10.479	105	371294	10.894	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	74527	11.596	ug/l	96
71) 1,2,3-Trichloropropane	10.826	75	41724m	9.211	ug/l	
72) Bromobenzene	10.778	156	81541	10.371	ug/l	97
73) n-propylbenzene	10.904	120	100683	10.996	ug/l	99
74) 2-Chlorotoluene	10.984	126	85325	10.701	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	305777	11.013	ug/l	100
76) 4-Chlorotoluene	11.093	126	91162	11.122	ug/l	100
77) tert-Butylbenzene	11.418	119	313320	10.958	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	311817	11.168	ug/l	100
79) sec-Butylbenzene	11.640	105	413087	11.134	ug/l	99
80) Nitrobenzene	13.206	77	14049	59.399	ug/l	96
81) p-Isopropyltoluene	11.788	119	336381	11.131	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	169981	10.799	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	170005	10.769	ug/l	99
84) n-Butylbenzene	12.206	91	318070	11.440	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	161016	10.741	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	10912	10.560	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	106220	11.051	ug/l	99
88) Hexachlorobutadiene	14.019	225	56302	10.966	ug/l	99
89) Naphthalene	14.084	128	160810	10.345	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	90170	10.855	ug/l	99

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

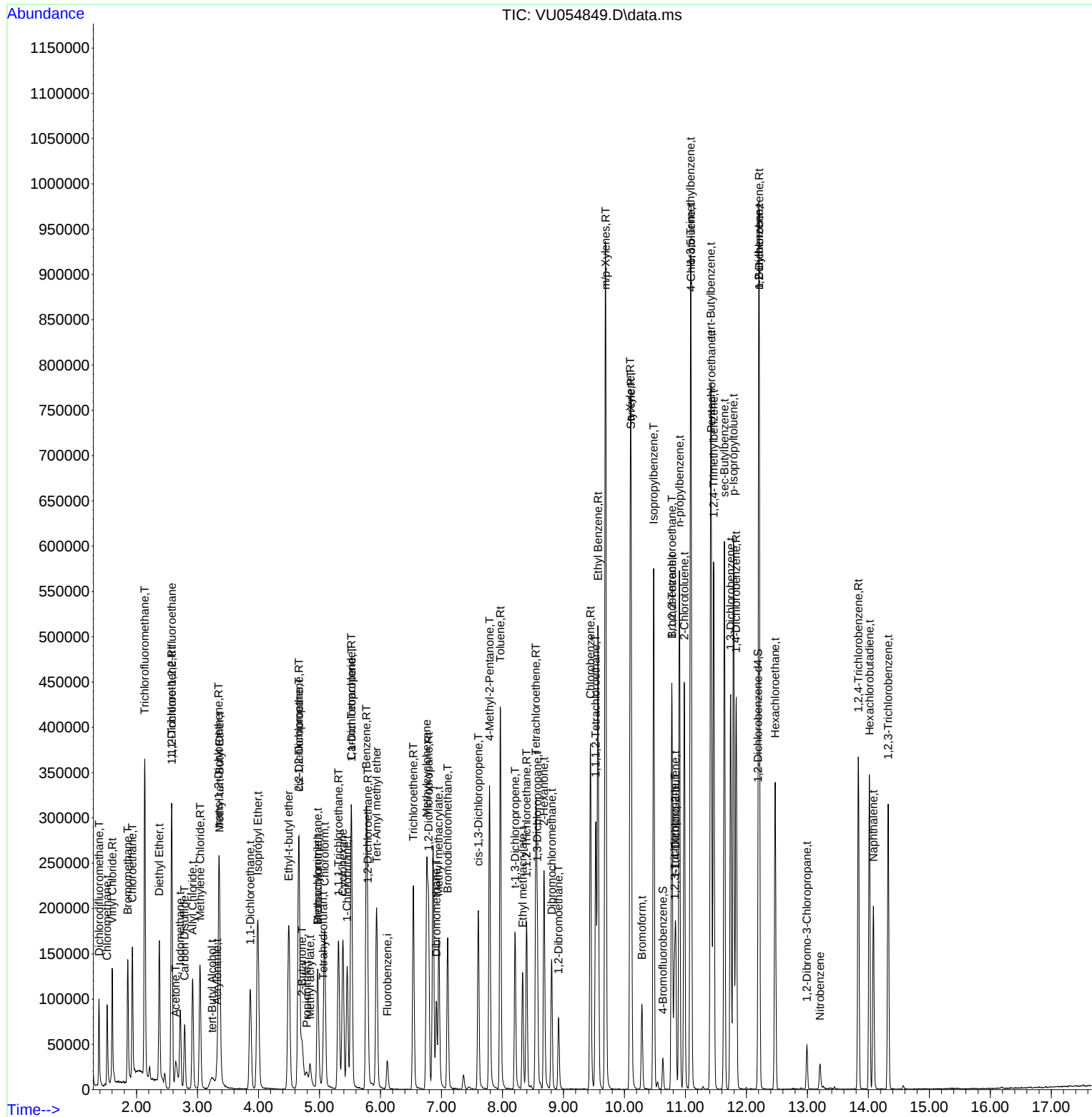
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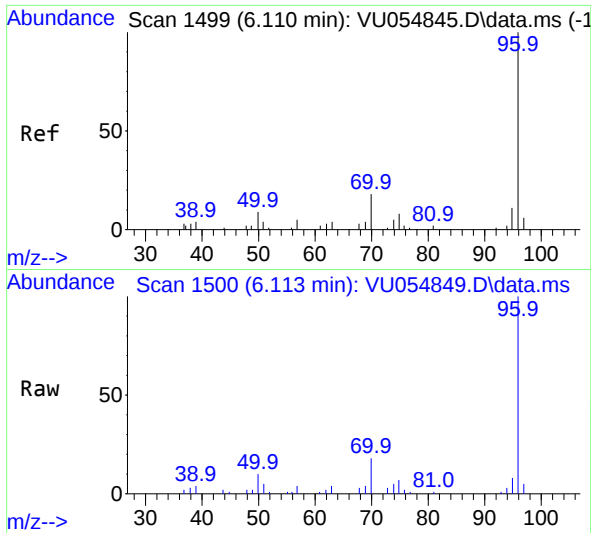
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ClientSampleId :
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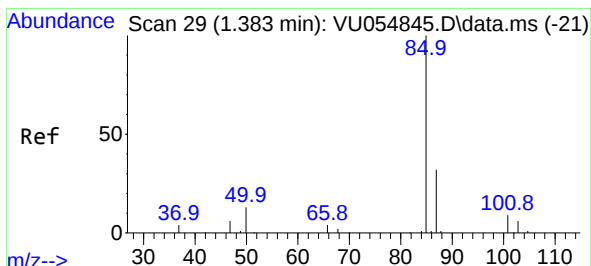
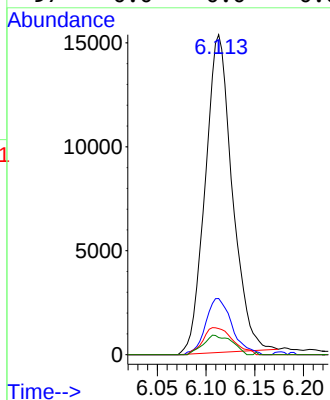
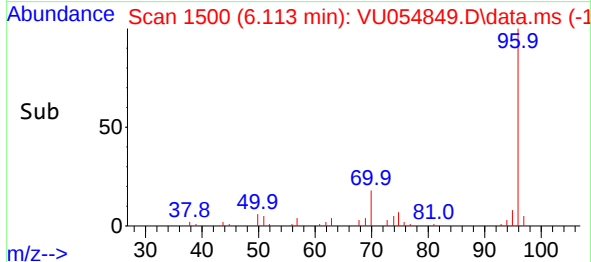
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96	Resp: 2946
Ion Ratio	Lower Upper
96 100	
70 17.3	14.0 21.0
95 9.4	8.7 13.1
97 0.0	0.0 0.0

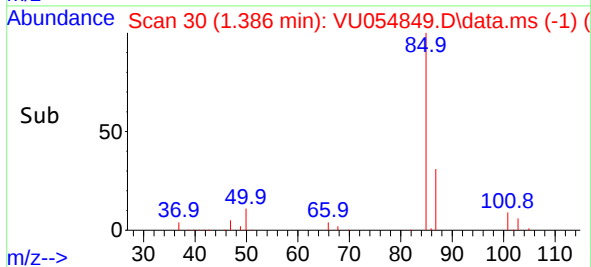
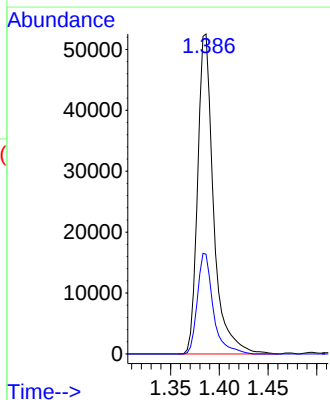
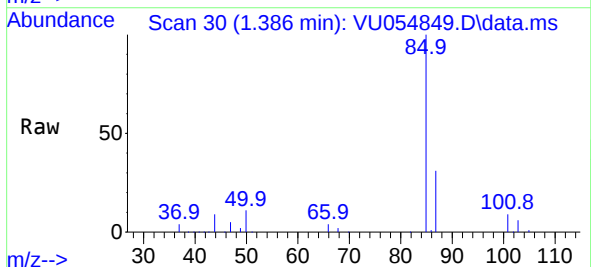
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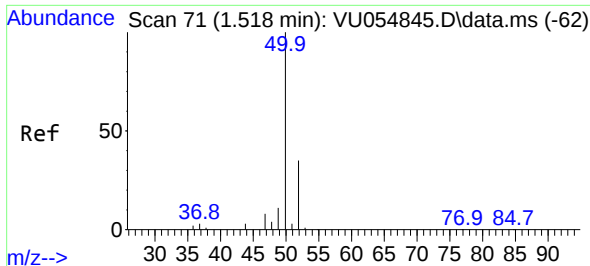
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 10.179 ug/l
RT: 1.386 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

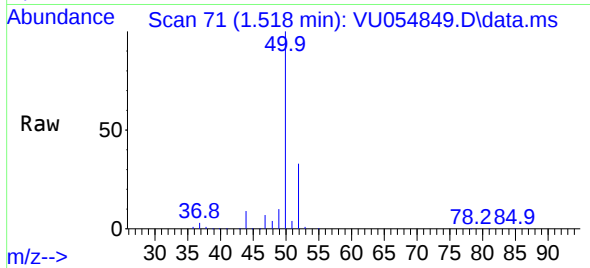
Tgt Ion: 85	Resp: 59673
Ion Ratio	Lower Upper
85 100	
87 31.1	16.2 48.6





#3
Chloromethane
Concen: 9.495 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

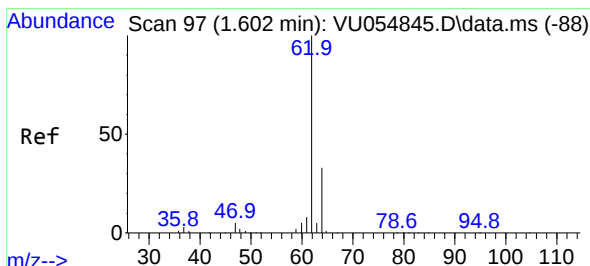
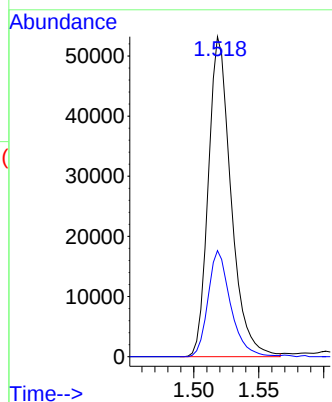
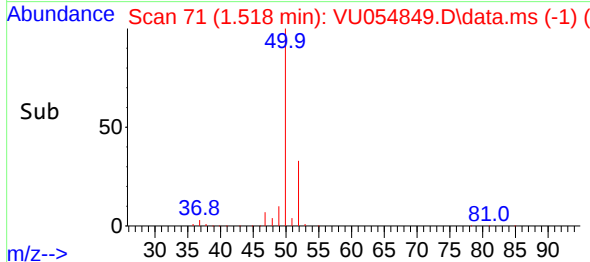
Instrument :
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Tgt Ion: 50 Resp: 64640
Ion Ratio Lower Upper
50 100
52 33.1 28.2 42.2

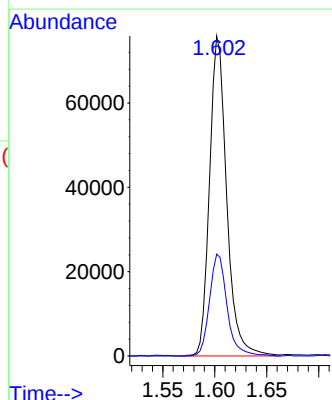
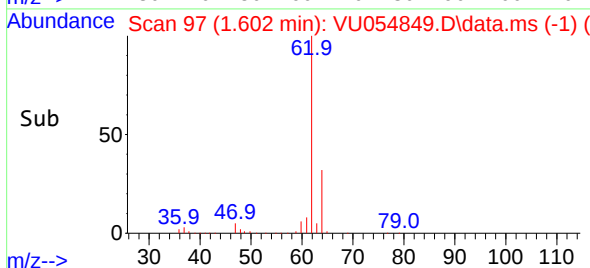
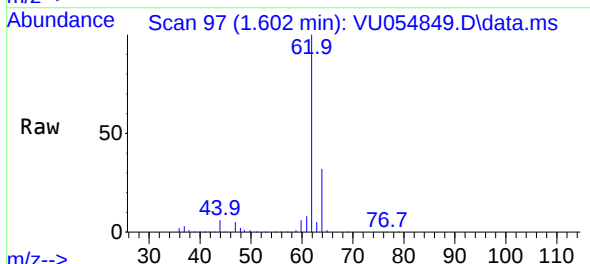
Manual Integrations
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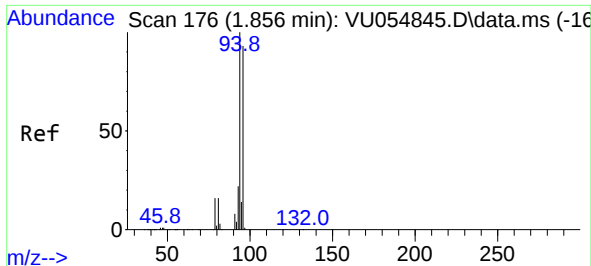
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 9.967 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 62 Resp: 87111
Ion Ratio Lower Upper
62 100
64 31.8 26.4 39.6





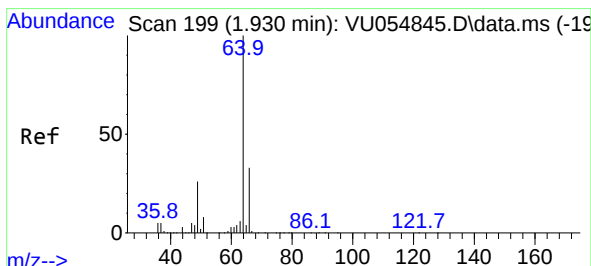
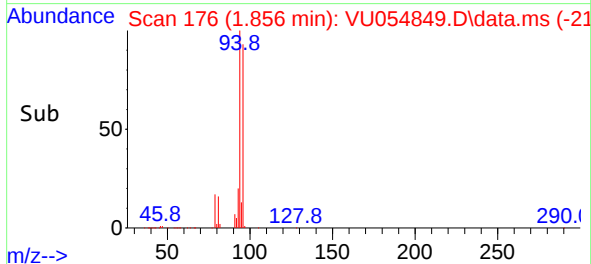
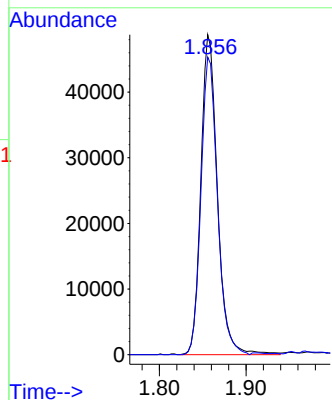
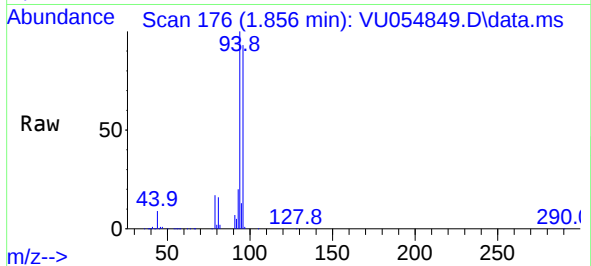
#5
Bromomethane
Concen: 10.437 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 94 Resp: 6473
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

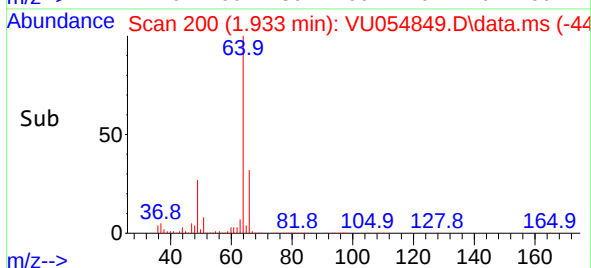
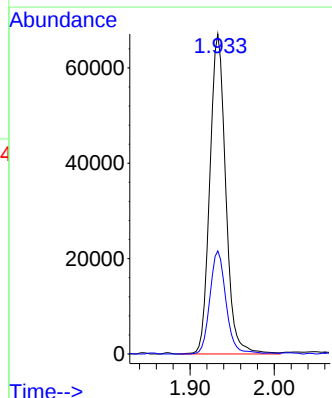
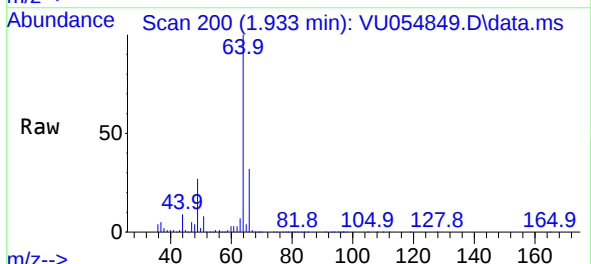
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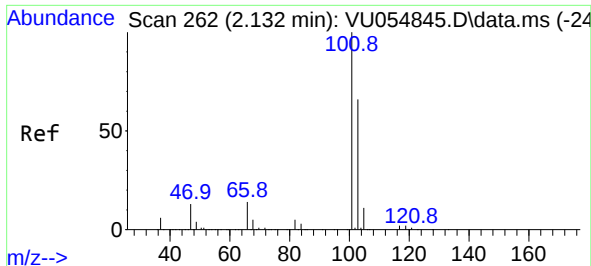
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 10.699 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 64 Resp: 88358
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





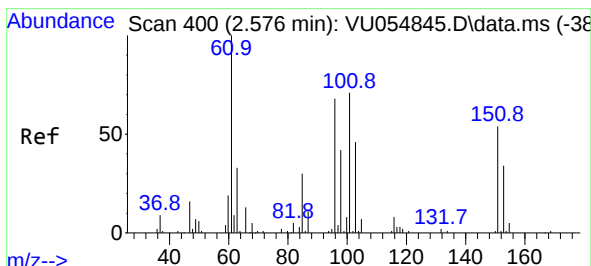
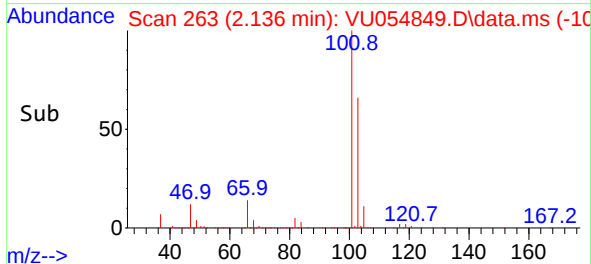
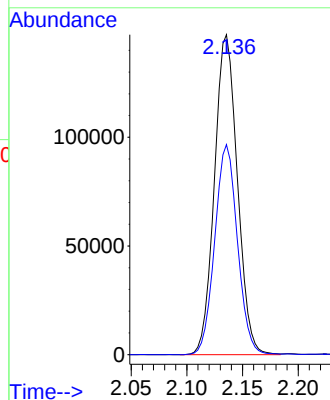
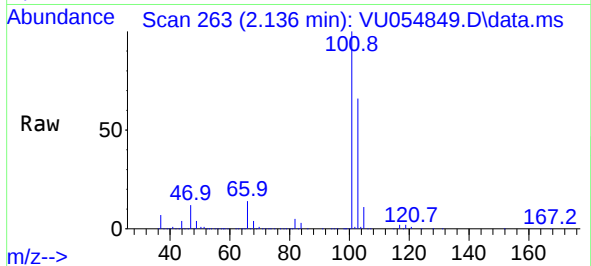
#7
Trichlorofluoromethane
Concen: 9.966 ug/l
RT: 2.136 min Scan# 211080
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
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Tgt Ion:101 Resp: 211080
Ion Ratio Lower Upper
101 100
103 65.6 52.9 79.3

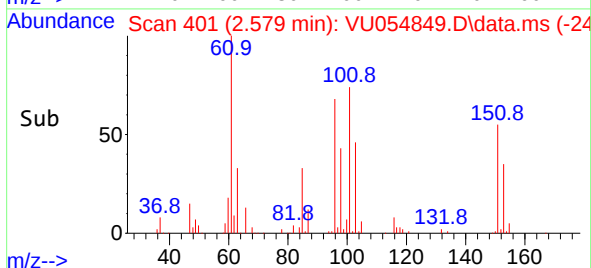
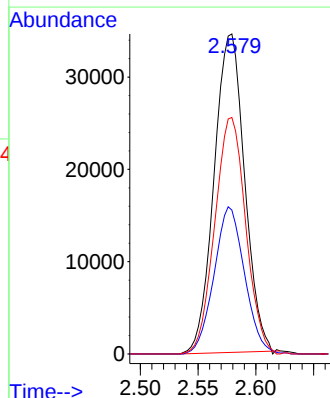
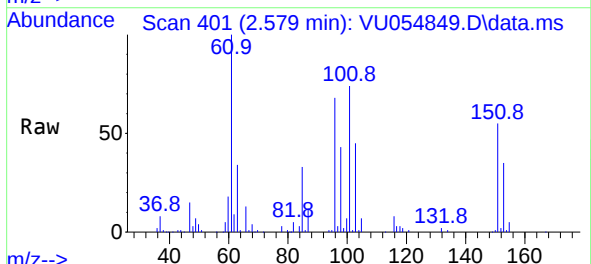
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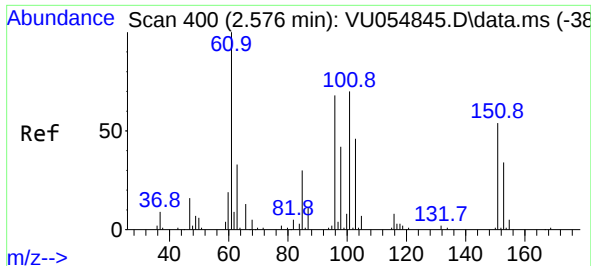
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.453 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:101 Resp: 63435
Ion Ratio Lower Upper
101 100
85 46.2 34.8 52.2
151 75.3 60.5 90.7





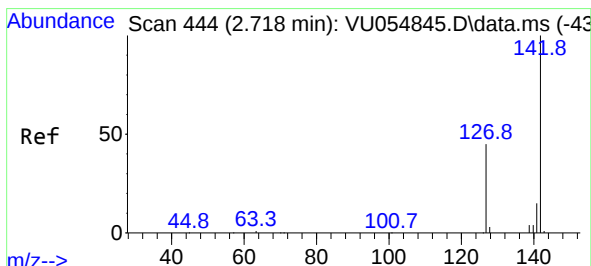
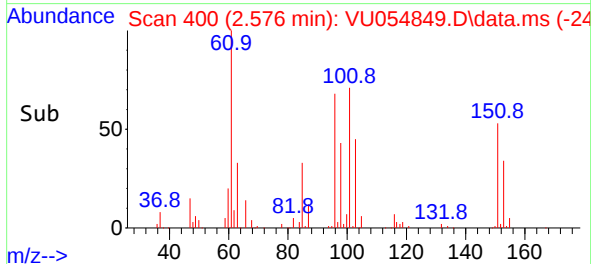
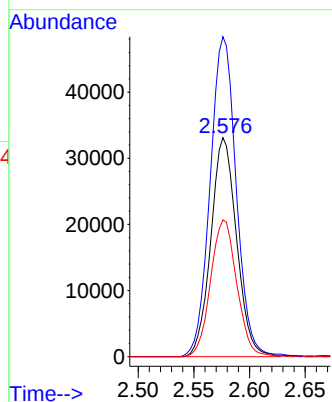
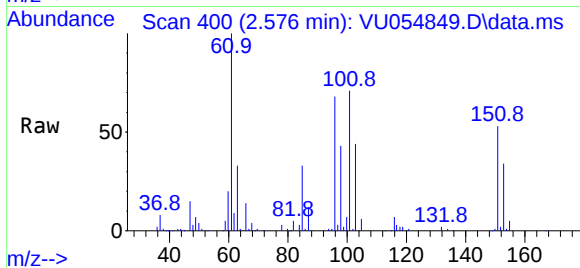
#9
1,1-Dichloroethene
Concen: 10.502 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

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Tgt Ion: 96 Resp: 53220
Ion Ratio Lower Upper
96 100
61 146.0 0.0 440.1
98 62.5 0.0 121.8

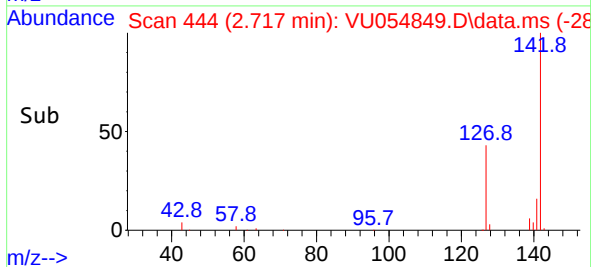
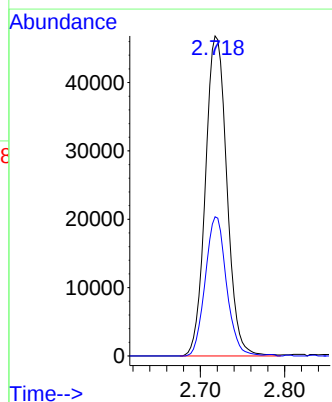
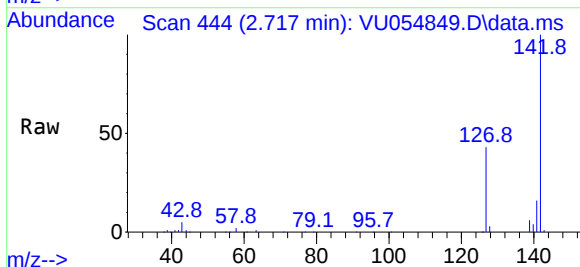
Manual Integrations
APPROVED

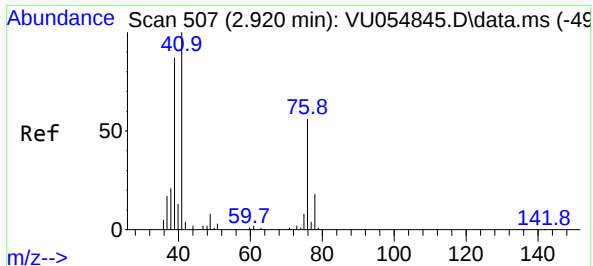
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 10.169 ug/l
RT: 2.717 min Scan# 444
Delta R.T. -0.001 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:142 Resp: 83016
Ion Ratio Lower Upper
142 100
127 43.0 34.3 51.5





#11

Allyl Chloride

Concen: 10.600 ug/l

RT: 2.920 min Scan# 507

Delta R.T. -0.000 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 6302

Ion Ratio Lower Upper

41 100

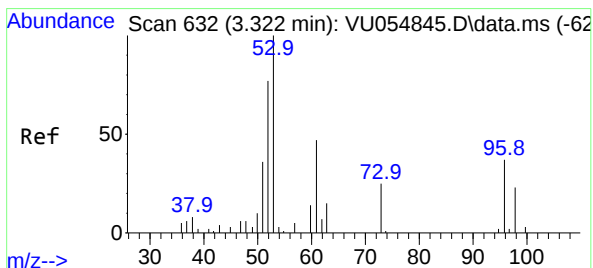
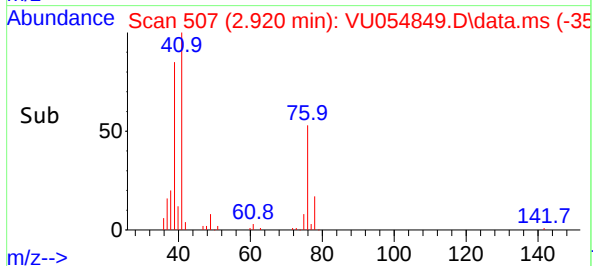
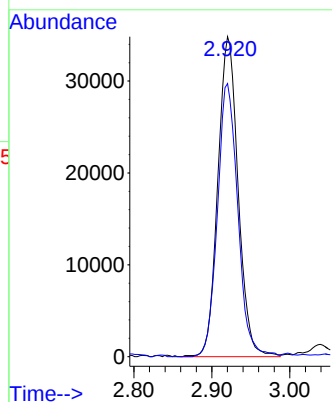
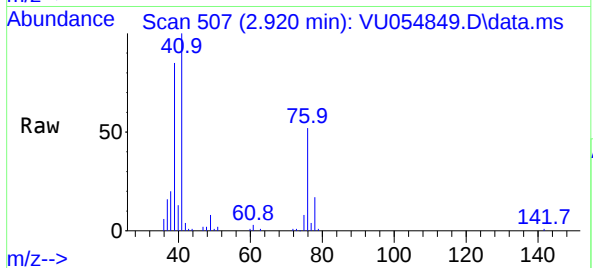
39 85.9 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 21.351 ug/l

RT: 3.322 min Scan# 632

Delta R.T. -0.000 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

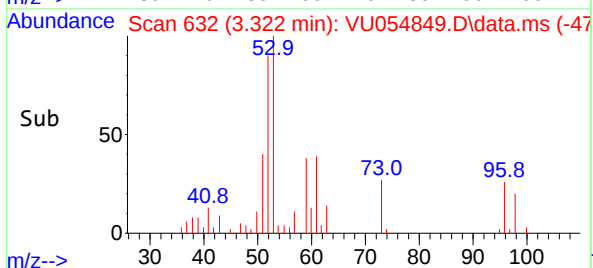
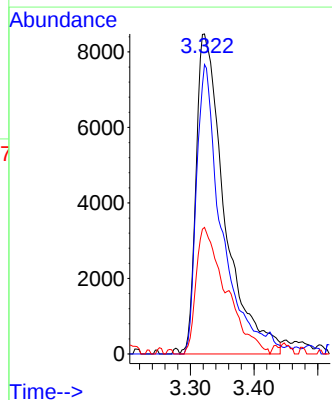
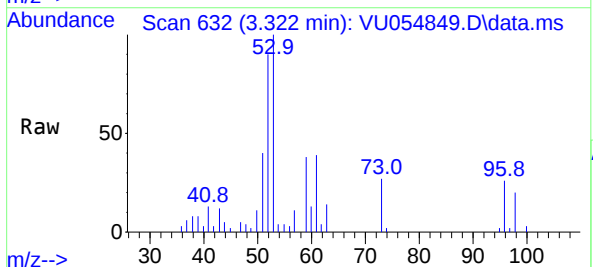
Tgt Ion: 53 Resp: 26328

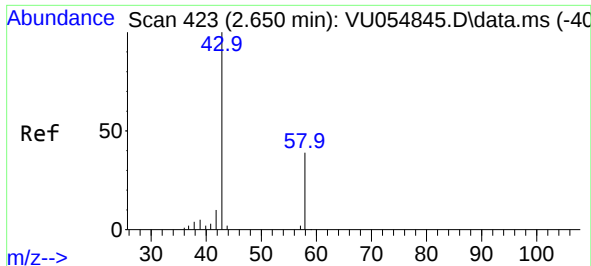
Ion Ratio Lower Upper

53 100

52 79.0 64.2 96.4

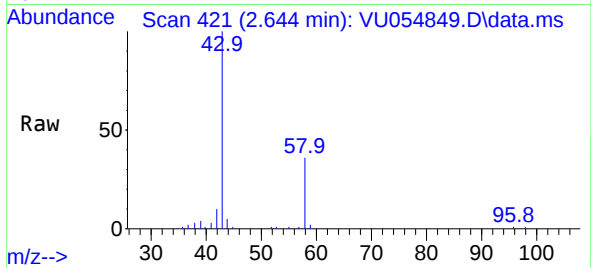
51 41.7 33.6 50.4





#13
Acetone
Concen: 56.219 ug/l
RT: 2.644 min Scan# 421
Delta R.T. -0.006 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

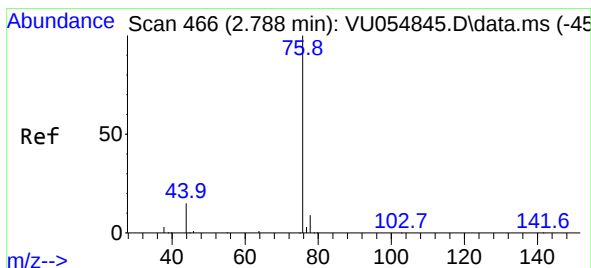
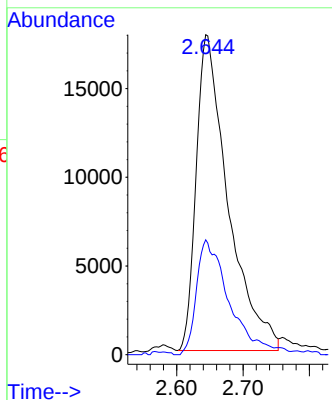
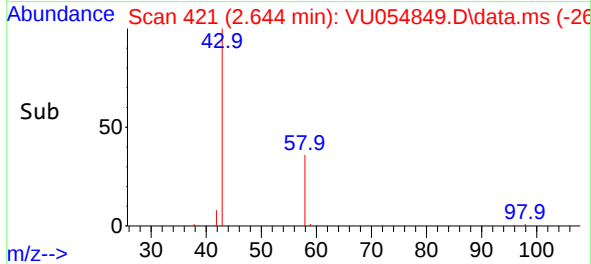
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 5943
Ion Ratio Lower Upper
43 100
58 36.4 30.7 46.1

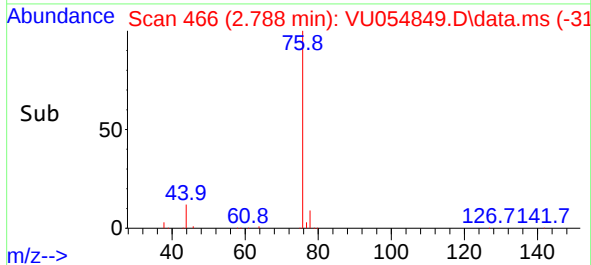
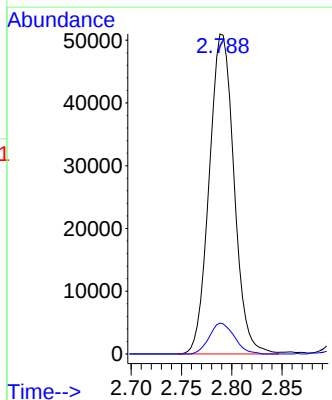
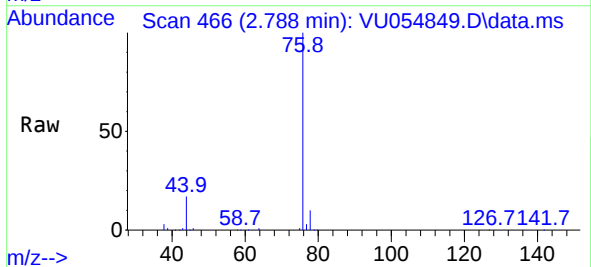
Manual Integrations
APPROVED

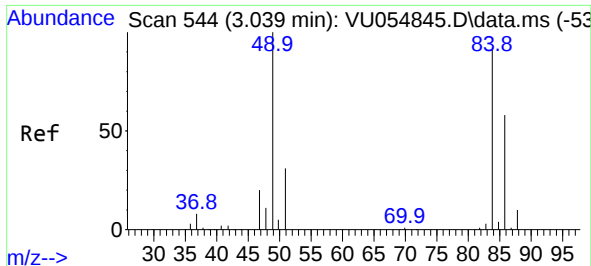
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 10.260 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

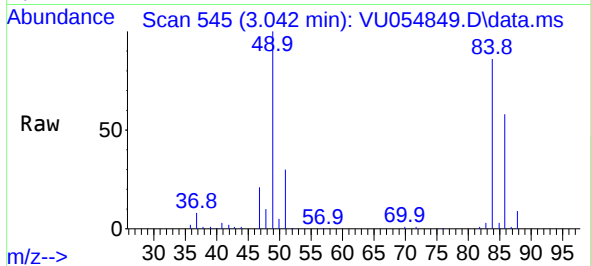
Tgt Ion: 76 Resp: 87663
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





#15
Methylene Chloride
Concen: 8.795 ug/l
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

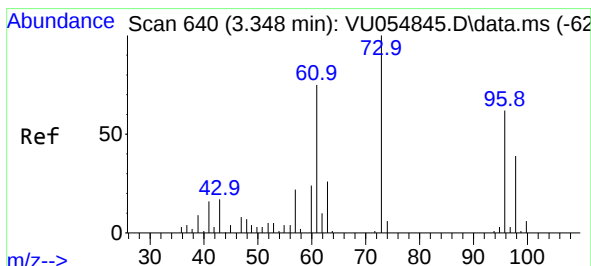
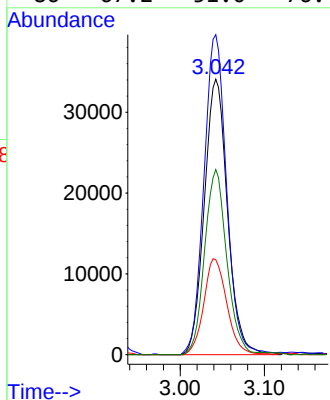
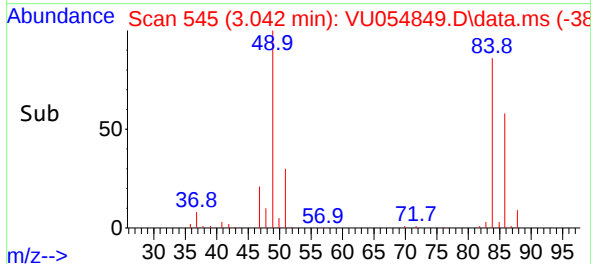
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 6536
Ion Ratio Lower Upper
84 100
49 116.1 87.8 131.6
51 34.4 0.0 68.2
86 67.2 51.0 76.4

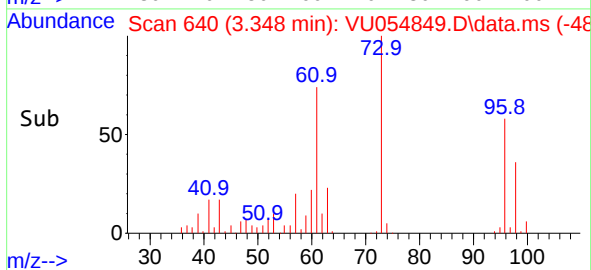
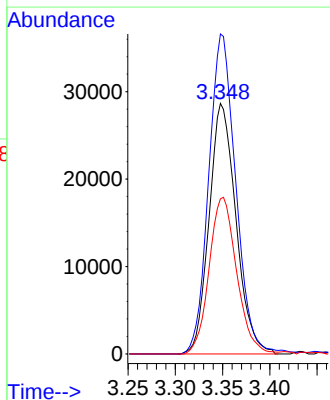
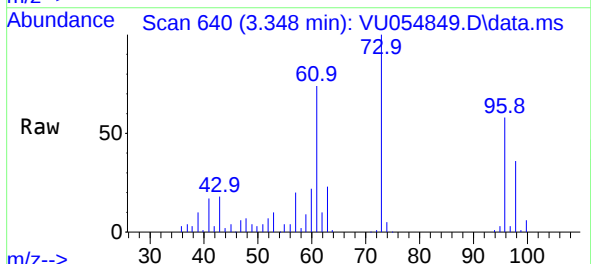
Manual Integrations
APPROVED

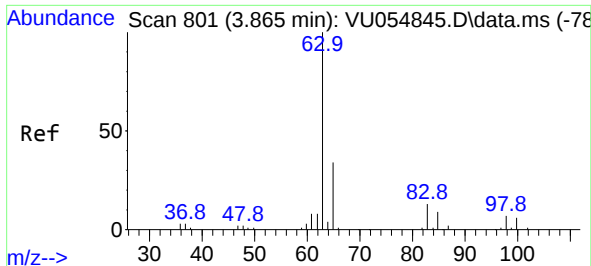
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 10.059 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 96 Resp: 56655
Ion Ratio Lower Upper
96 100
61 127.7 96.4 144.6
98 61.9 49.3 73.9





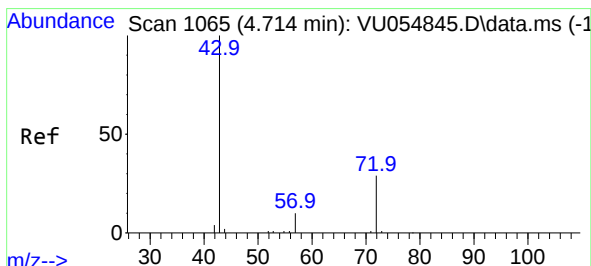
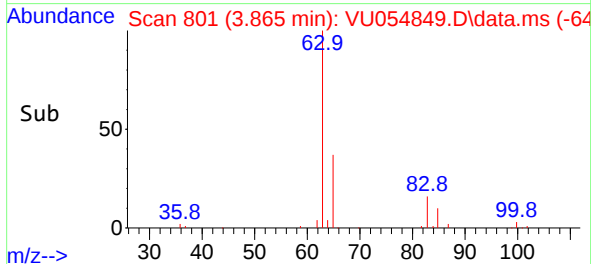
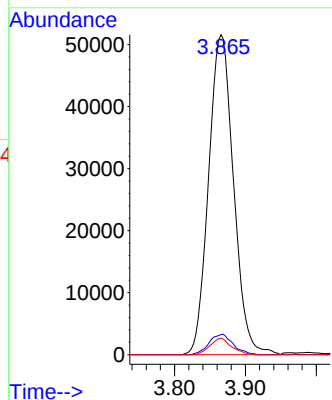
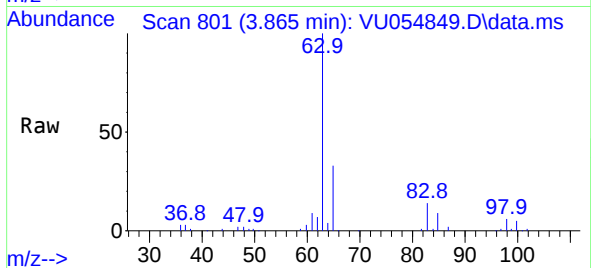
#17
1,1-Dichloroethane
Concen: 10.578 ug/l
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 12607
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.8
100 5.1 2.8 8.4

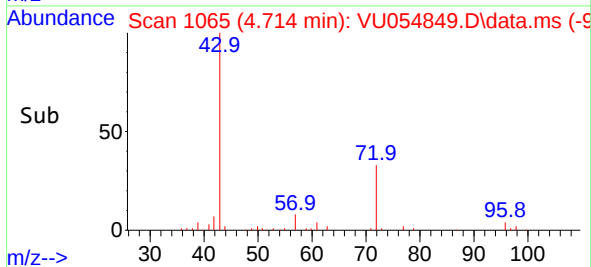
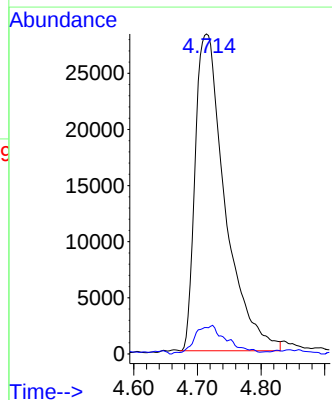
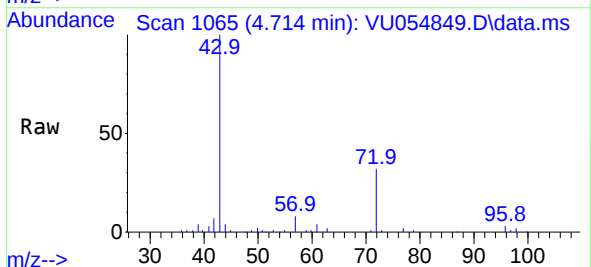
Manual Integrations
APPROVED

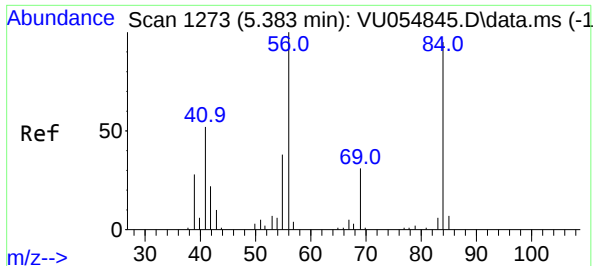
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 59.476 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

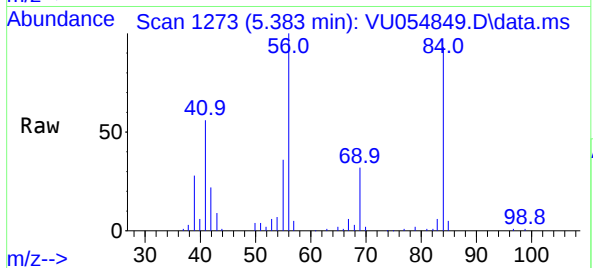
Tgt Ion: 43 Resp: 91977
Ion Ratio Lower Upper
43 100
57 8.0 0.0 20.8





Cyclohexane
Concen: 10.293 ug/l
RT: 5.383 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

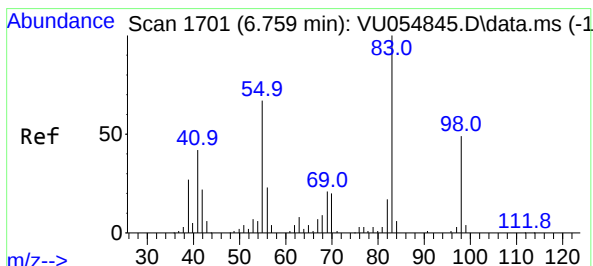
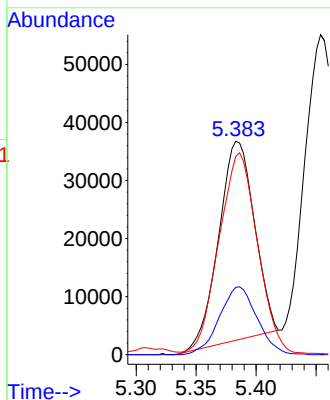
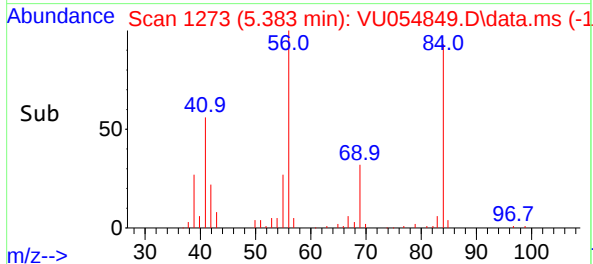
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 56 Resp: 7102
Ion Ratio Lower Upper
56 100
69 35.9 24.7 37.1
84 107.7 76.5 114.7

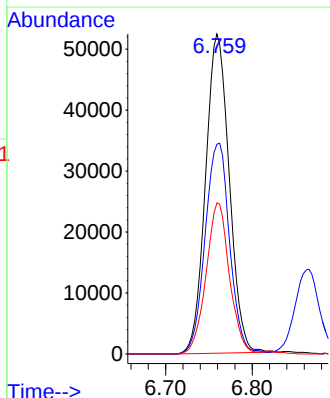
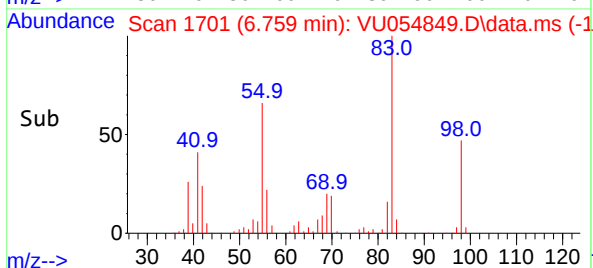
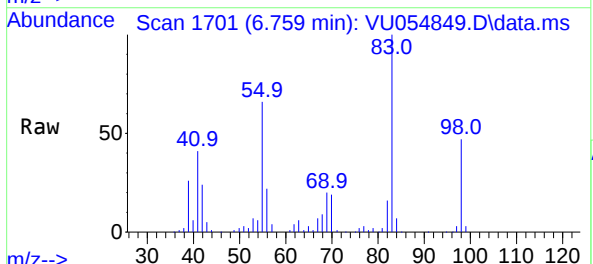
Manual Integrations
APPROVED

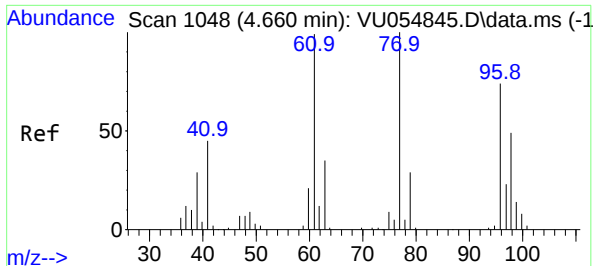
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



Methylcyclohexane
Concen: 10.870 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 83 Resp: 99620
Ion Ratio Lower Upper
83 100
55 67.5 51.6 77.4
98 45.7 38.2 57.2





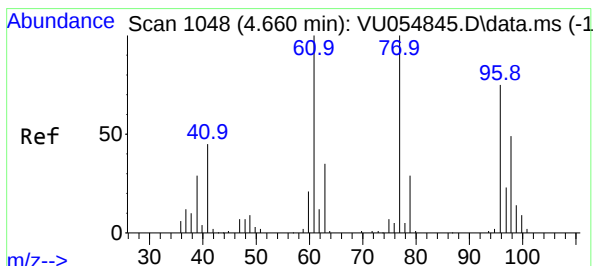
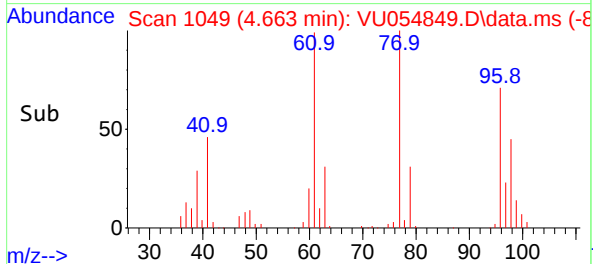
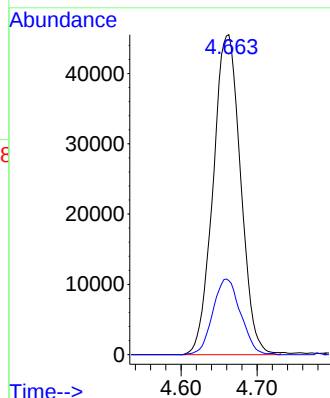
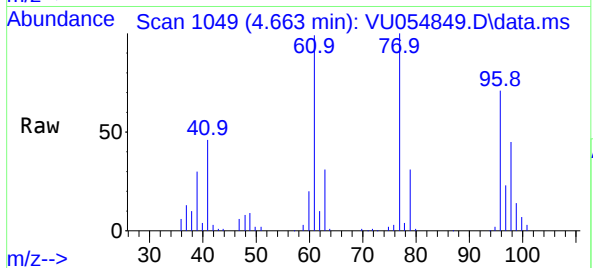
#21
2,2-Dichloropropane
Concen: 11.001 ug/l
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 114354
Ion Ratio Lower Upper
77 100
97 23.8 18.0 27.0

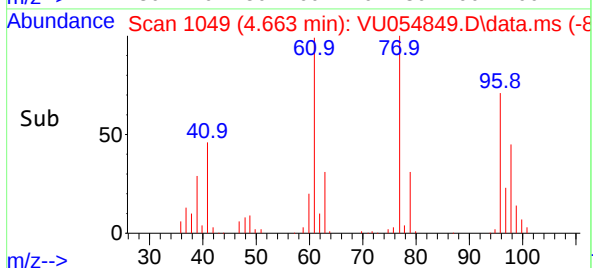
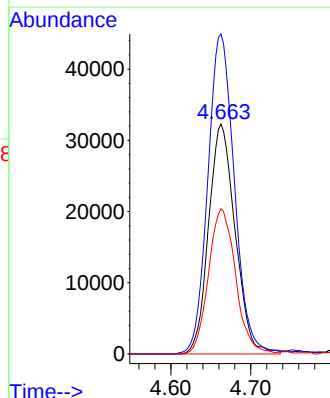
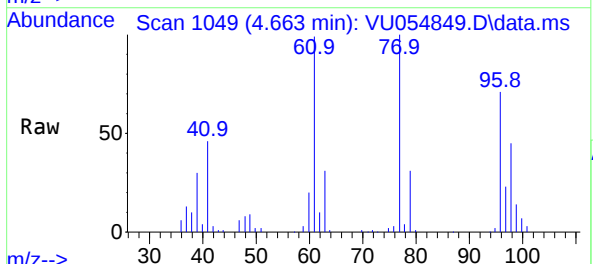
Manual Integrations
APPROVED

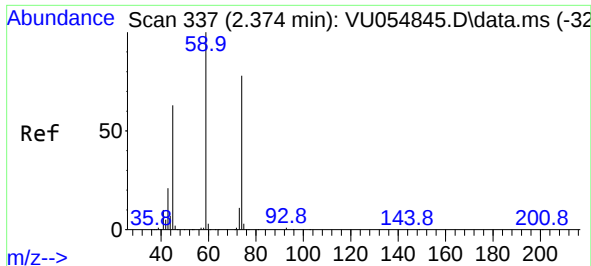
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 10.437 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

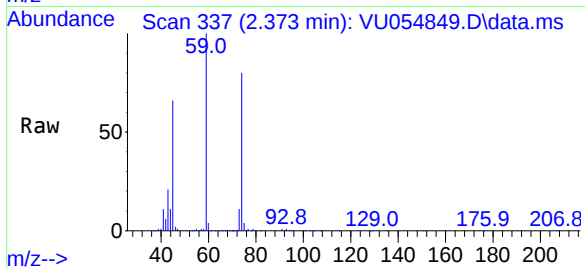
Tgt Ion: 96 Resp: 74434
Ion Ratio Lower Upper
96 100
61 139.5 0.0 332.0
98 64.4 32.5 97.5





#23
Diethyl Ether
Concen: 9.613 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

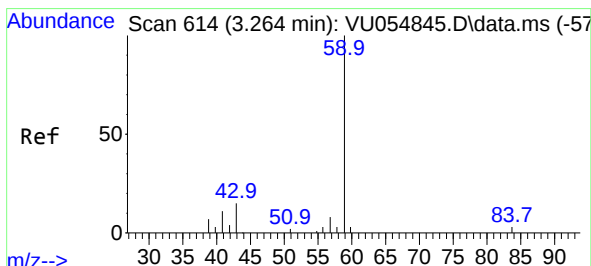
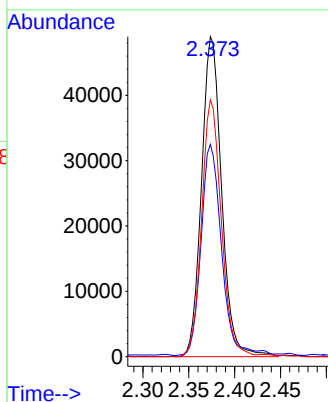
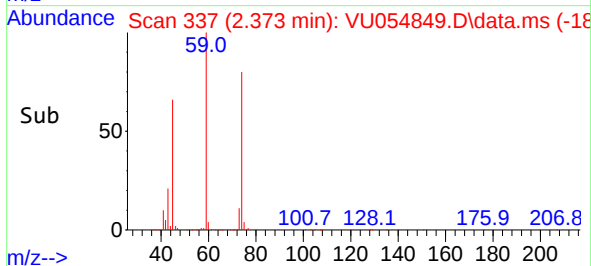
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 7485
Ion Ratio Lower Upper
59 100
45 66.1 51.4 77.0
74 78.2 63.1 94.7

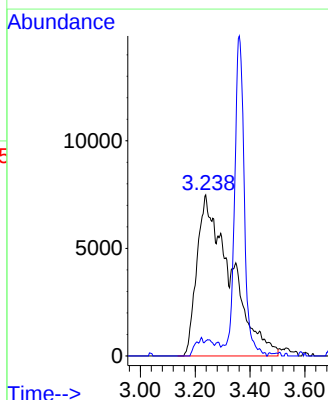
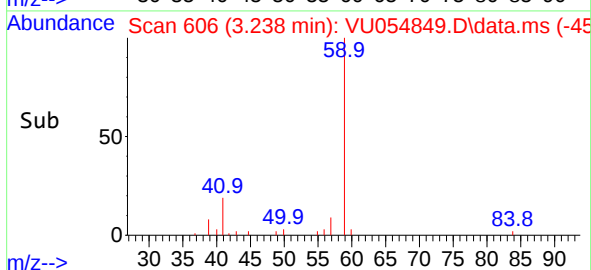
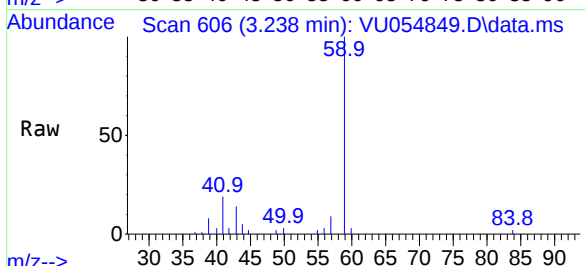
Manual Integrations
APPROVED

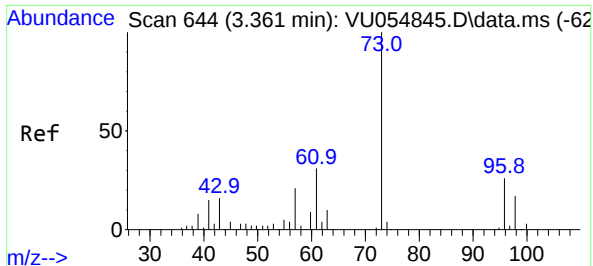
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 94.906 ug/l m
RT: 3.238 min Scan# 606
Delta R.T. -0.026 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 59 Resp: 63664
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 10.837 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

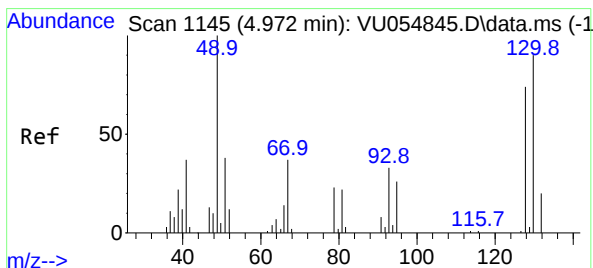
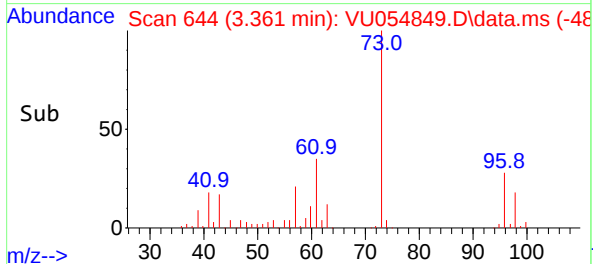
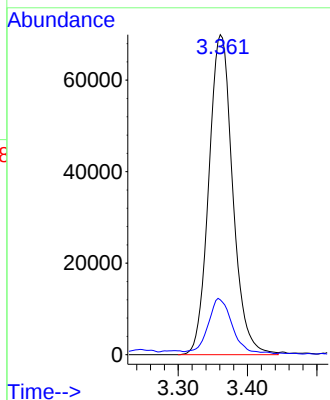
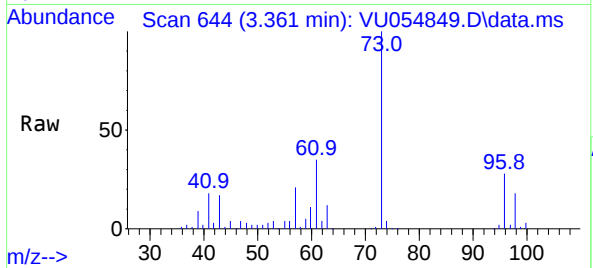
VSTDCCC010

Tgt Ion: 73 Resp: 167598
Ion Ratio Lower Upper
73 100
43 16.5 14.6 22.0

Manual Integrations

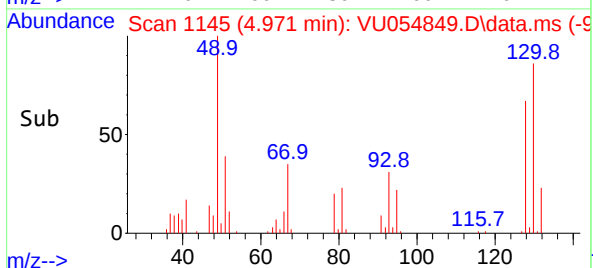
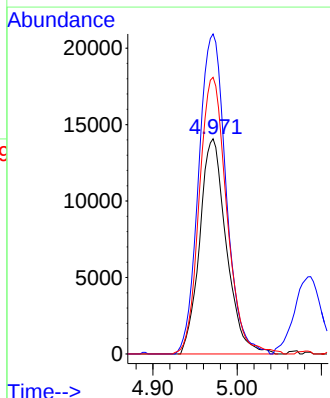
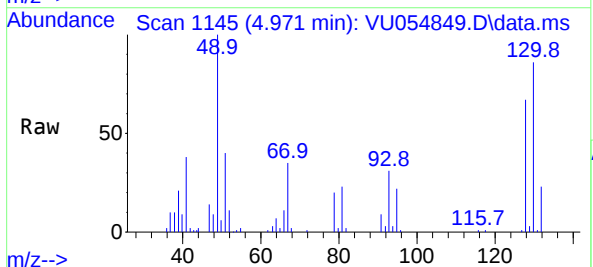
APPROVED

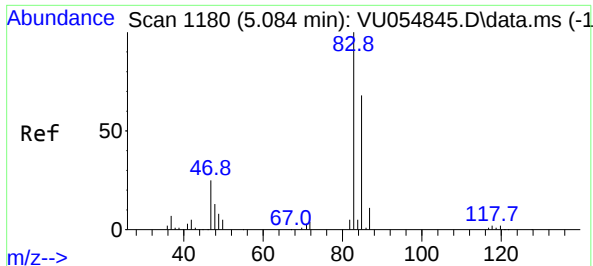
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 11.361 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:128 Resp: 30881
Ion Ratio Lower Upper
128 100
49 153.3 0.0 304.0
130 132.8 104.3 156.5





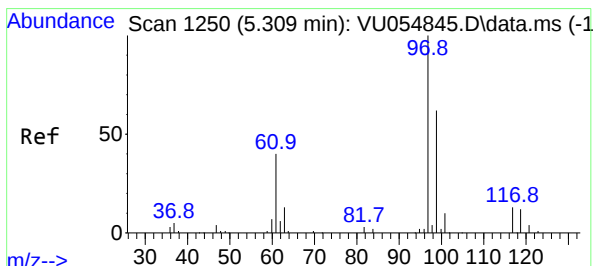
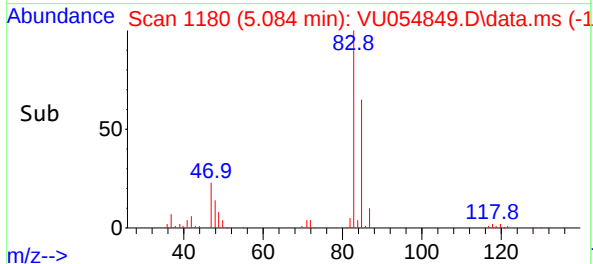
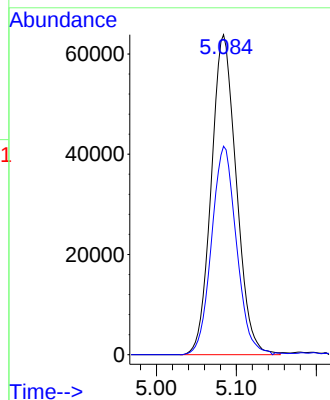
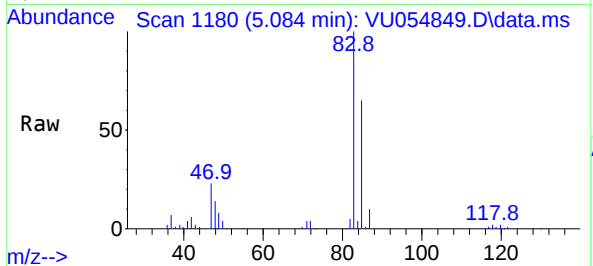
#27
Chloroform
Concen: 10.592 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 138724
Ion Ratio Lower Upper
83 100
85 65.2 0.0 135.2

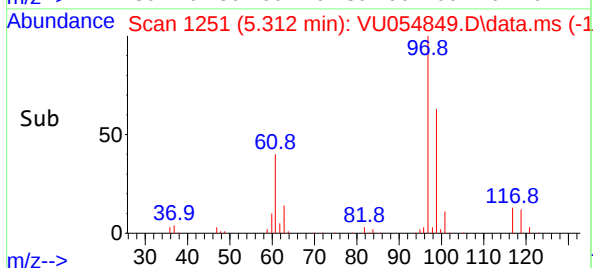
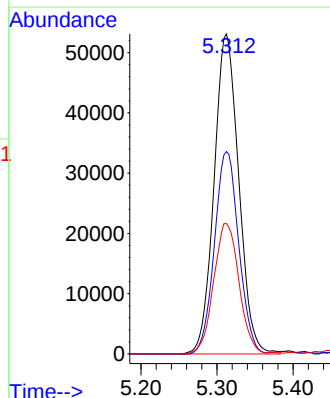
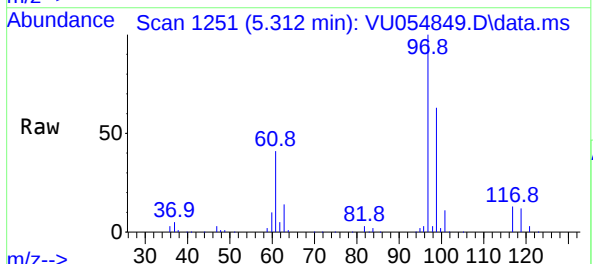
Manual Integrations
APPROVED

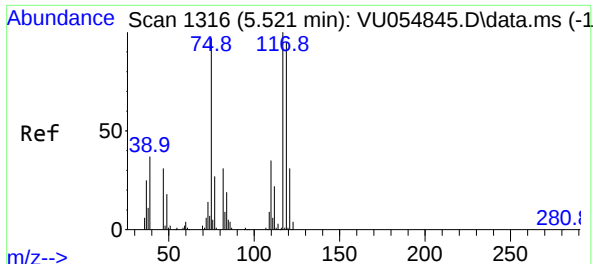
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,1,1-Trichloroethane
Concen: 10.867 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

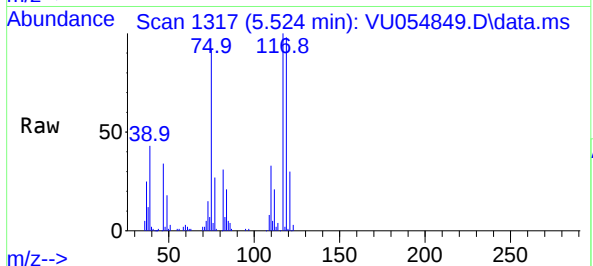
Tgt Ion: 97 Resp: 119605
Ion Ratio Lower Upper
97 100
99 62.3 32.0 96.2
61 41.9 21.0 63.0





#29
1,1-Dichloropropene
Concen: 11.098 ug/l
RT: 5.524 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

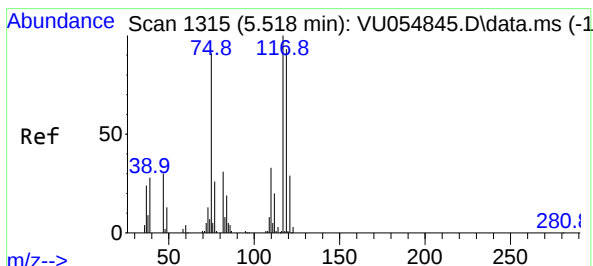
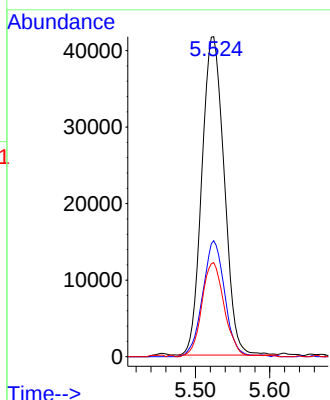
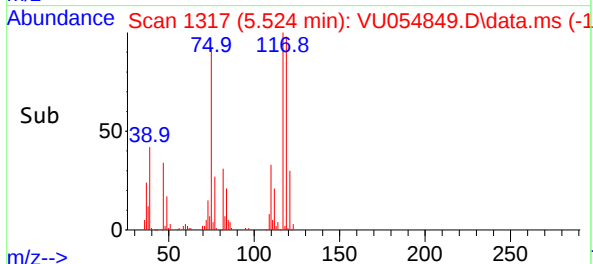
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



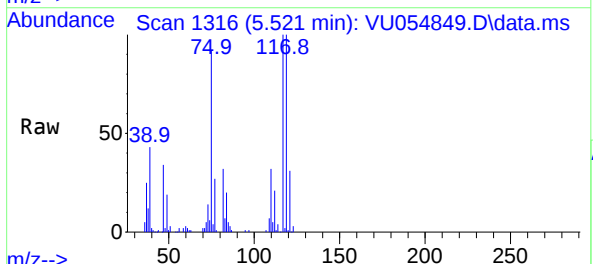
Tgt Ion: 75 Resp: 86874
Ion Ratio Lower Upper
75 100
110 35.9 18.5 55.5
77 29.9 24.9 37.3

Manual Integrations
APPROVED

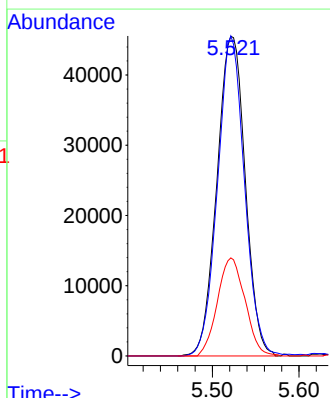
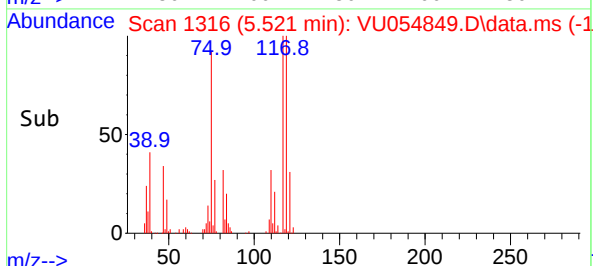
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

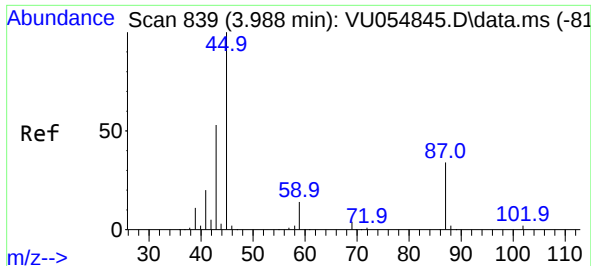


#30
Carbon Tetrachloride
Concen: 11.279 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



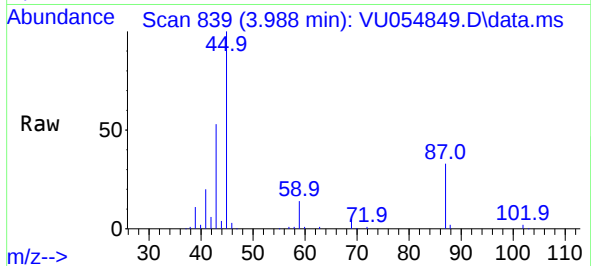
Tgt Ion:117 Resp: 103172
Ion Ratio Lower Upper
117 100
119 100.1 75.6 113.4
121 31.0 23.4 35.0





#31
Isopropyl Ether
Concen: 10.760 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

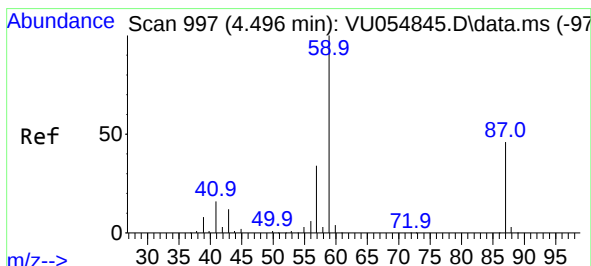
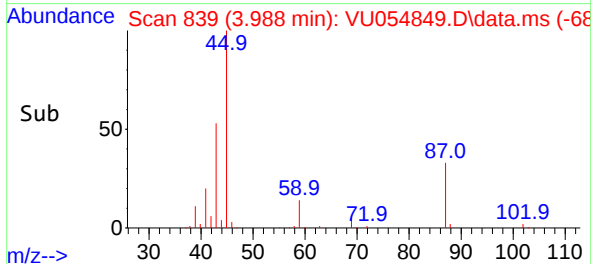
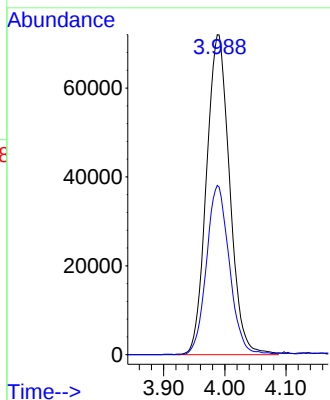
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 189778
Ion Ratio Lower Upper
45 100
43 51.8 26.4 79.2

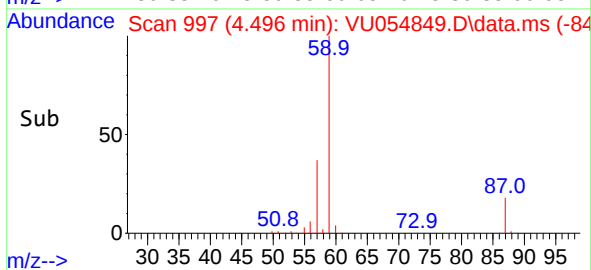
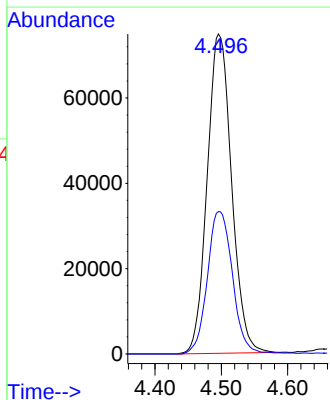
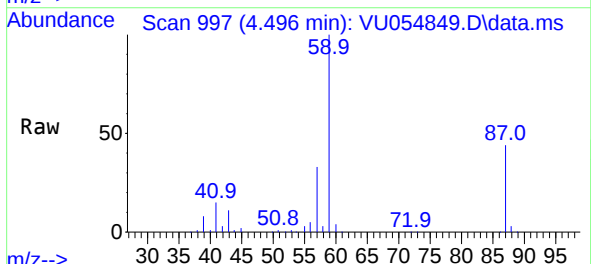
Manual Integrations
APPROVED

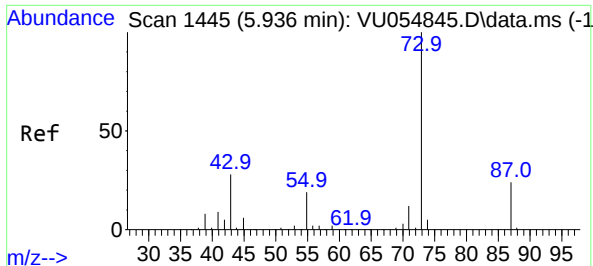
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 10.559 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 59 Resp: 191361
Ion Ratio Lower Upper
59 100
87 44.9 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 10.416 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

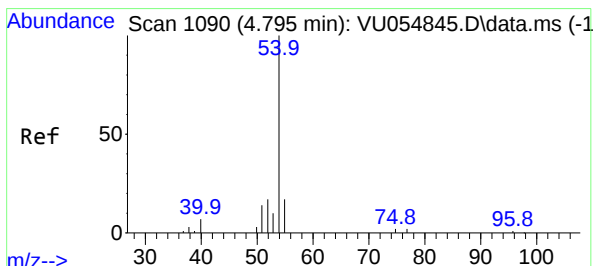
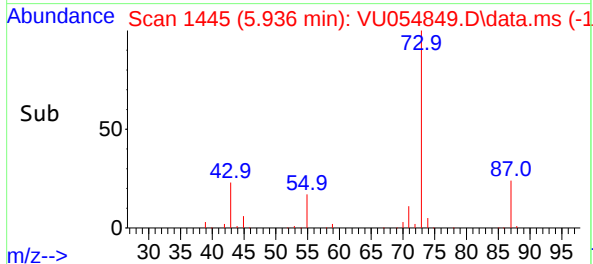
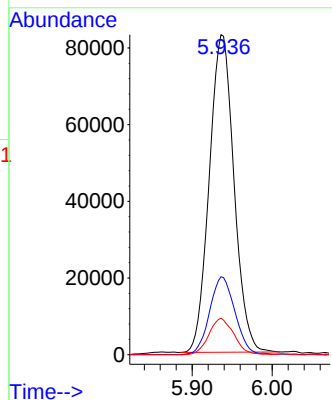
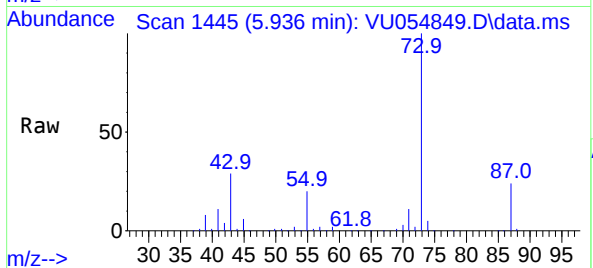
VSTDCCC010

Tgt Ion: 73 Resp: 177660
Ion Ratio Lower Upper
73 100
87 25.0 19.6 29.4
71 11.6 9.1 13.7

Manual Integrations

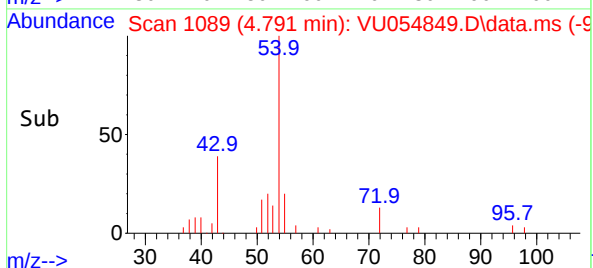
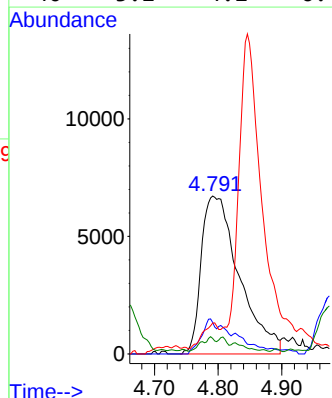
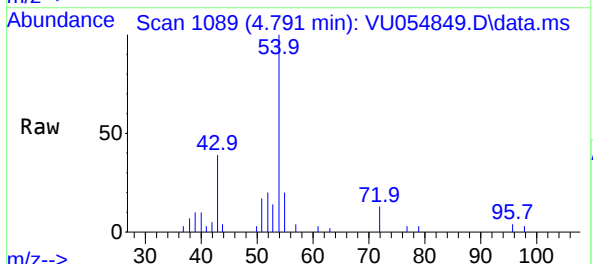
APPROVED

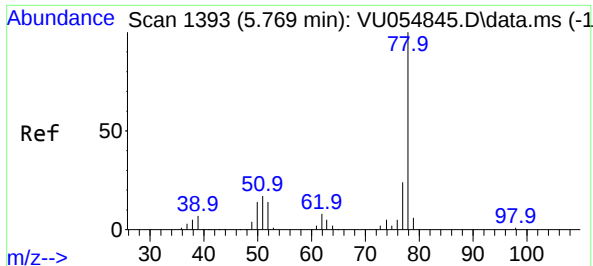
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 60.188 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. -0.004 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 54 Resp: 27844
Ion Ratio Lower Upper
54 100
52 8.3 13.8 20.8#
55 7.1 4.8 7.2
40 3.2 4.2 6.4#





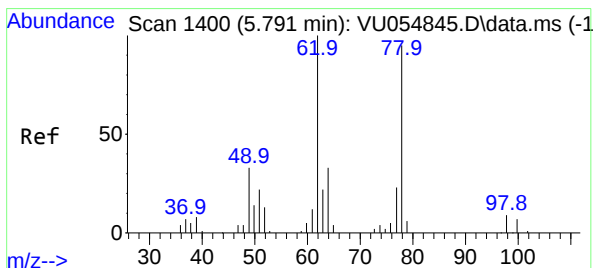
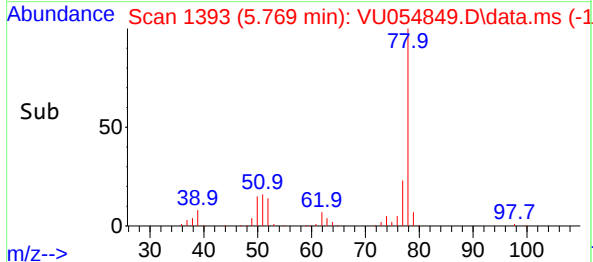
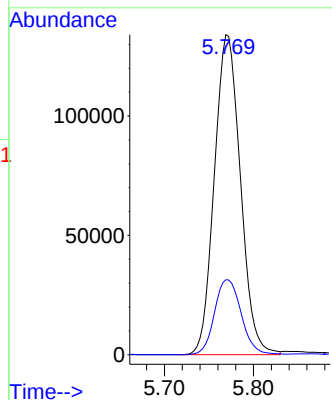
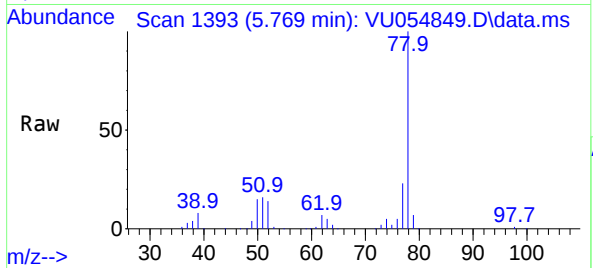
#35
Benzene
Concen: 10.711 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 272479
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2

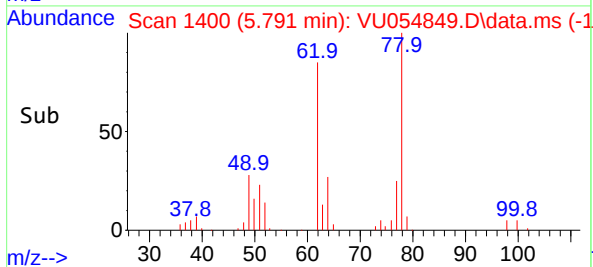
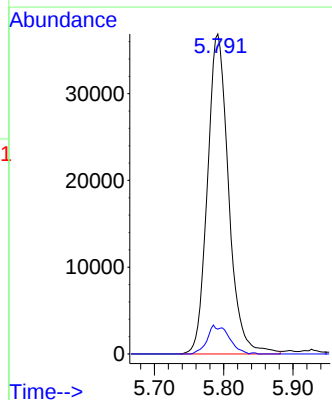
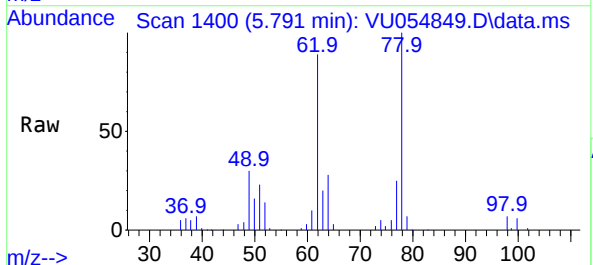
Manual Integrations
APPROVED

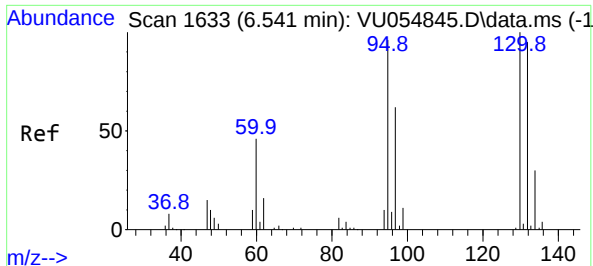
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 10.695 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

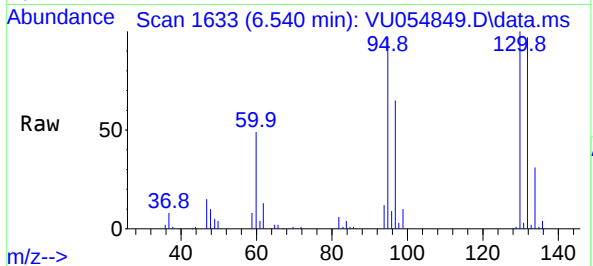
Tgt Ion: 62 Resp: 78162
Ion Ratio Lower Upper
62 100
98 4.6 7.8 11.8#





#37
Trichloroethene
Concen: 10.920 ug/l
RT: 6.540 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

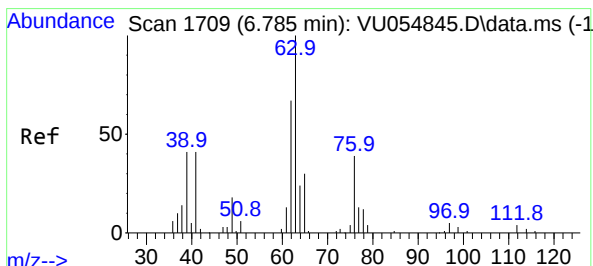
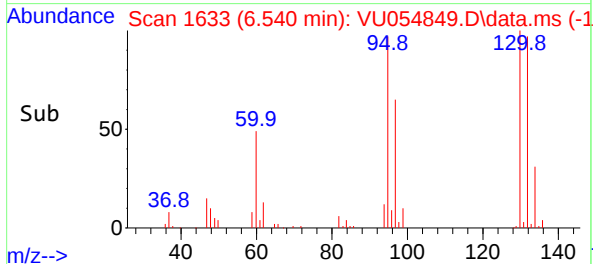
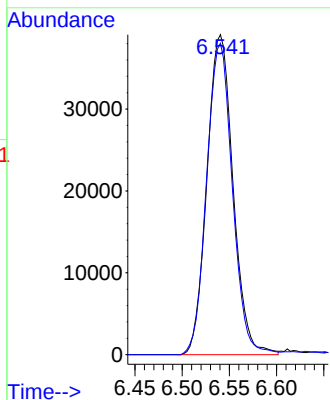
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:130 Resp: 75074
Ion Ratio Lower Upper
130 100
95 97.3 76.8 115.2

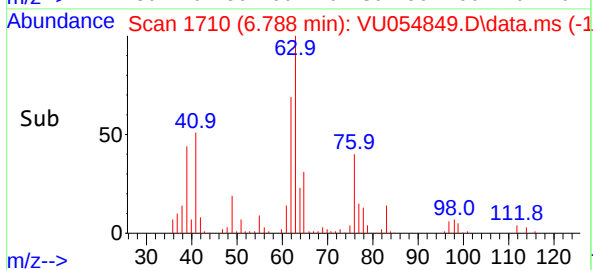
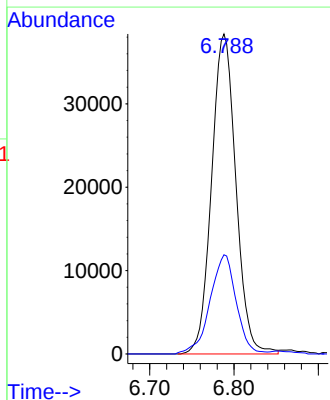
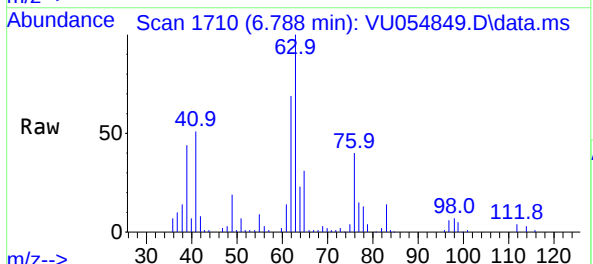
Manual Integrations
APPROVED

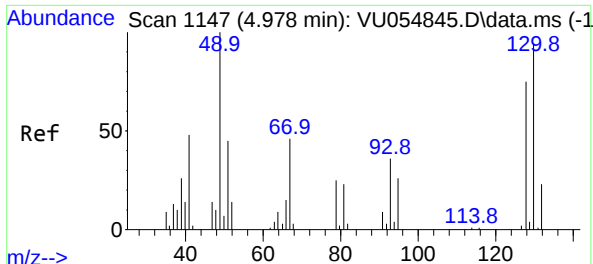
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 10.458 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 63 Resp: 76802
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5





#39

Methacrylonitrile

Concen: 12.158 ug/l

RT: 4.971 min Scan# 1147

Delta R.T. -0.007 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 2002

Ion Ratio Lower Upper

41 100

67 90.7 77.0 115.4

39 52.4 50.4 75.6

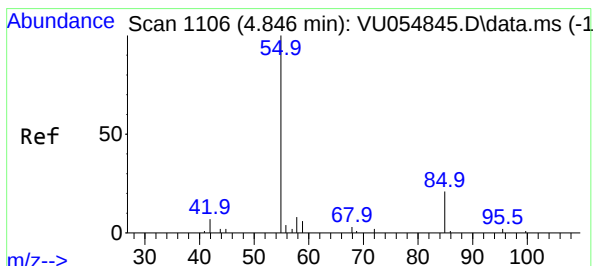
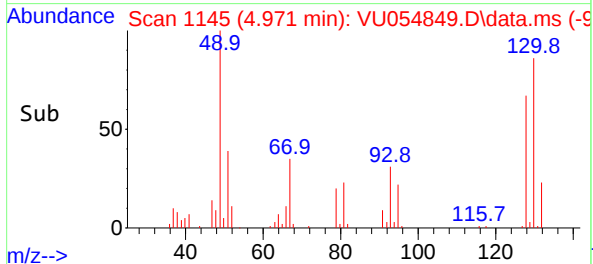
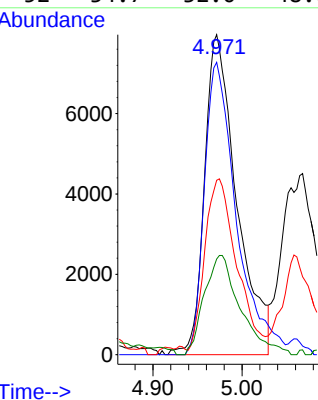
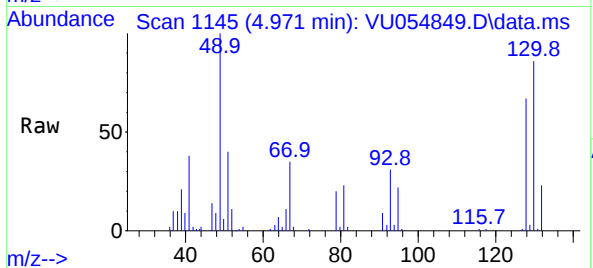
52 34.7 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 10.855 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

Tgt Ion: 55 Resp: 30508

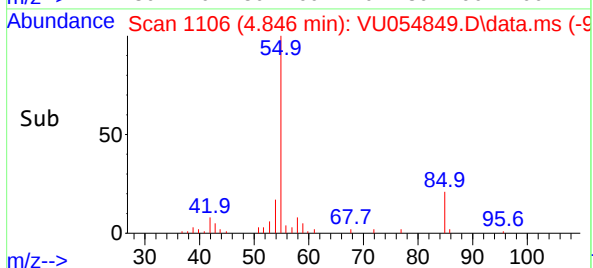
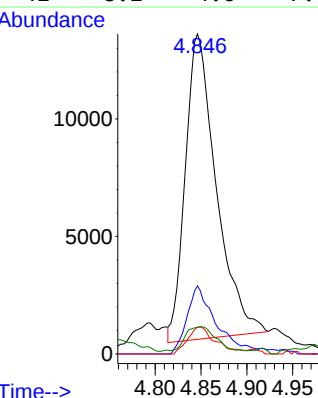
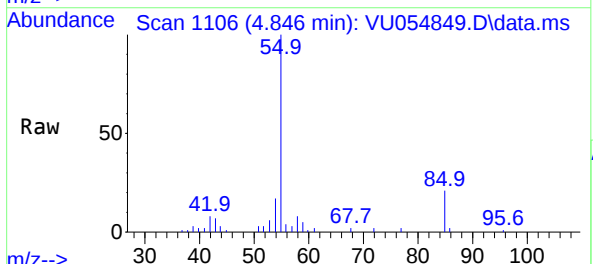
Ion Ratio Lower Upper

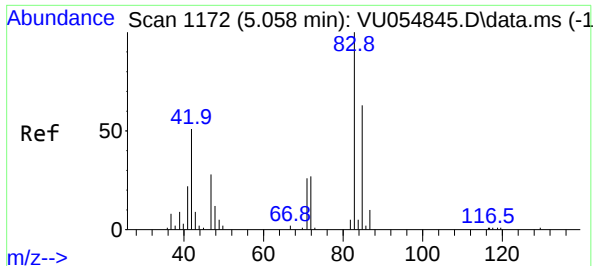
55 100

85 21.7 13.0 19.6#

58 8.1 5.7 8.5

42 8.2 4.6 7.0#





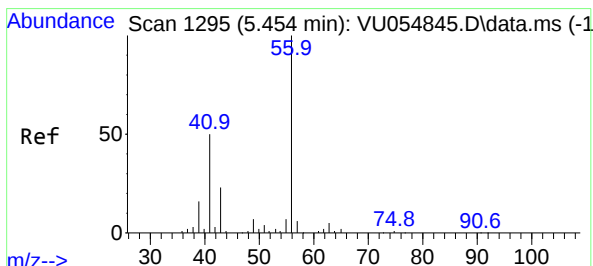
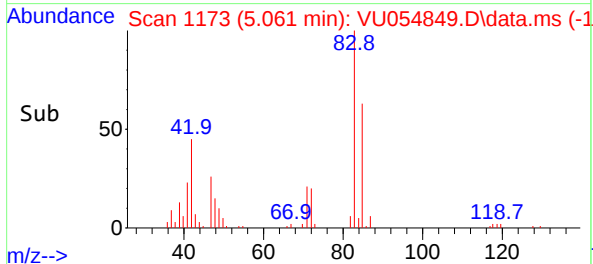
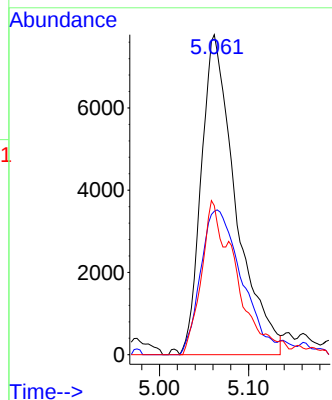
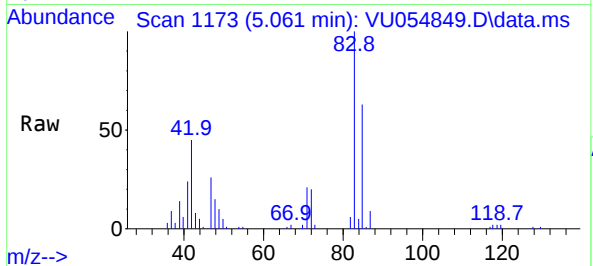
#41
Tetrahydrofuran
Concen: 21.499 ug/l
RT: 5.061 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 20924
Ion Ratio Lower Upper
42 100
72 53.8 42.1 63.1
71 29.6 39.7 59.5

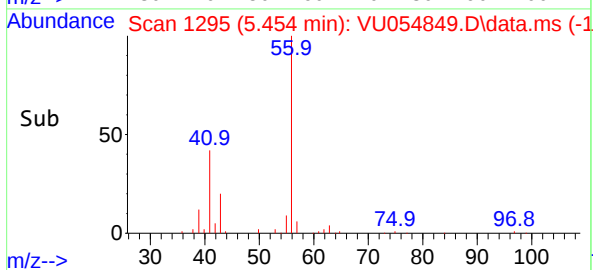
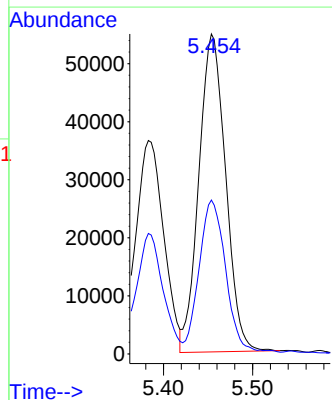
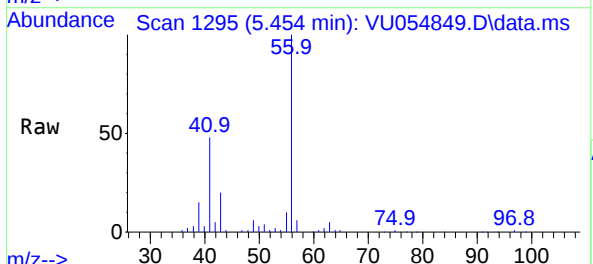
Manual Integrations
APPROVED

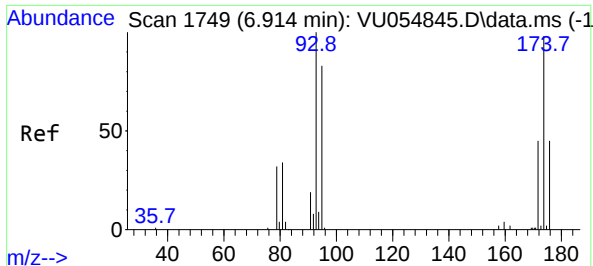
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 10.792 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

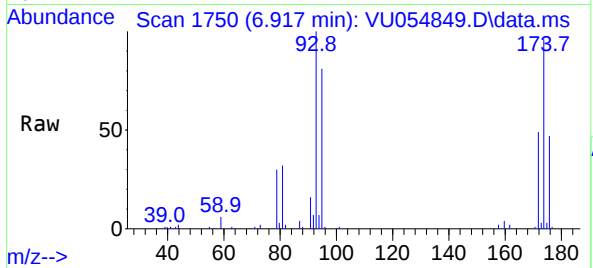
Tgt Ion: 56 Resp: 114281
Ion Ratio Lower Upper
56 100
41 46.3 23.9 71.7





#43
Dibromomethane
Concen: 11.138 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

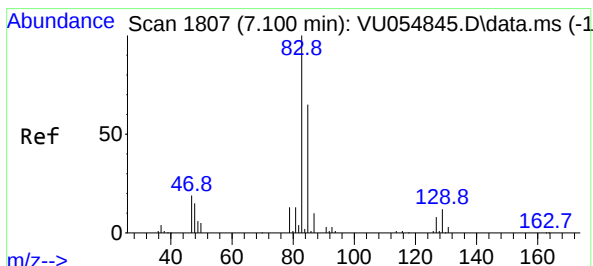
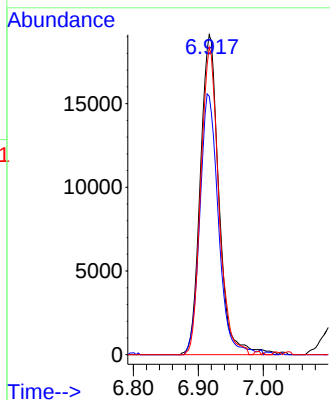
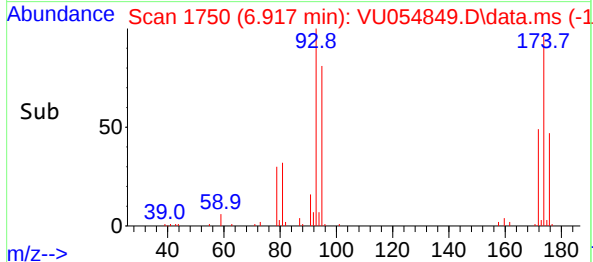
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



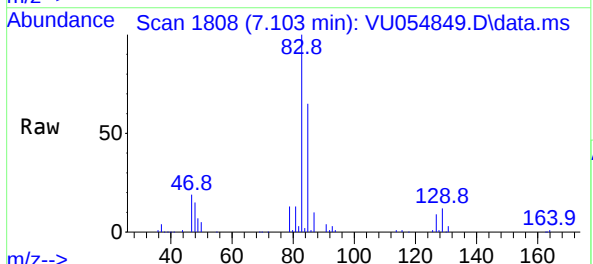
Tgt Ion: 93 Resp: 3805
Ion Ratio Lower Upper
93 100
95 81.0 64.7 97.1
174 92.5 74.4 111.6

Manual Integrations
APPROVED

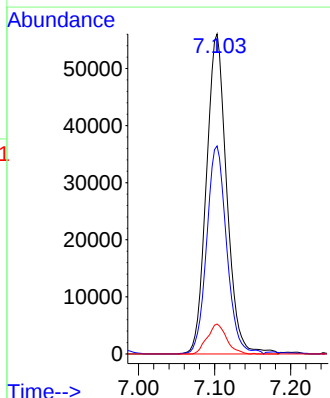
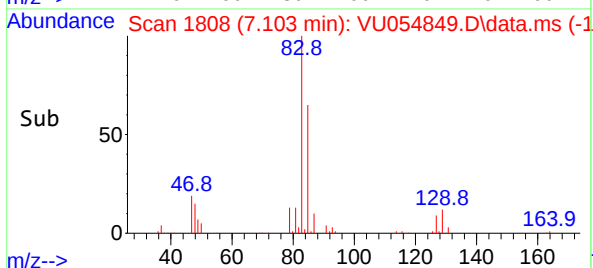
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

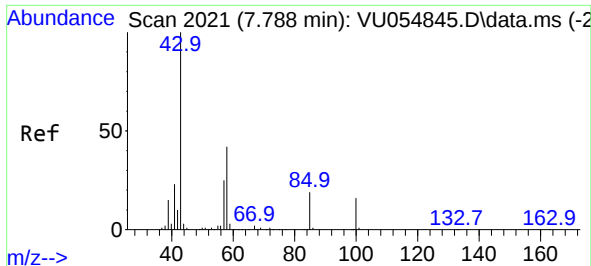


#44
Bromodichloromethane
Concen: 11.108 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



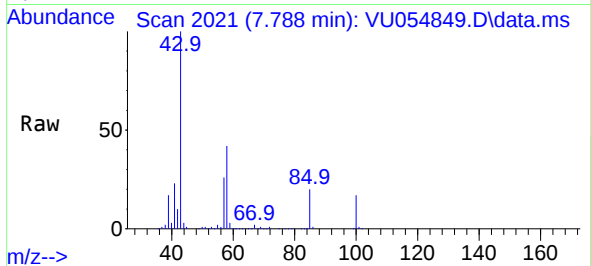
Tgt Ion: 83 Resp: 103968
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 10.3 6.1 9.1#





#45
4-Methyl-2-Pentanone
Concen: 54.151 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

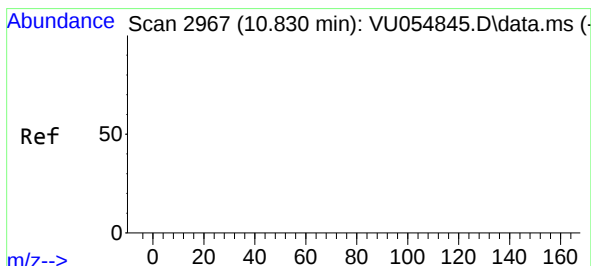
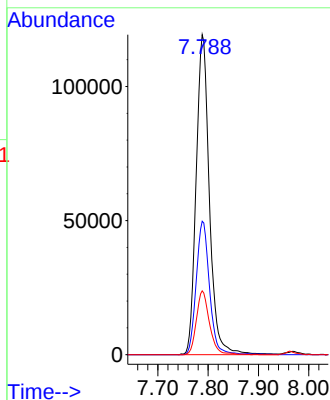
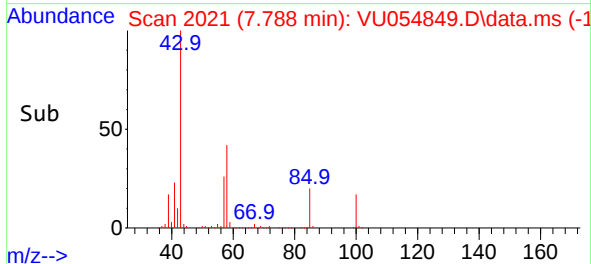
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 21893
Ion Ratio Lower Upper
43 100
58 41.5 21.3 63.7
85 19.6 15.3 22.9

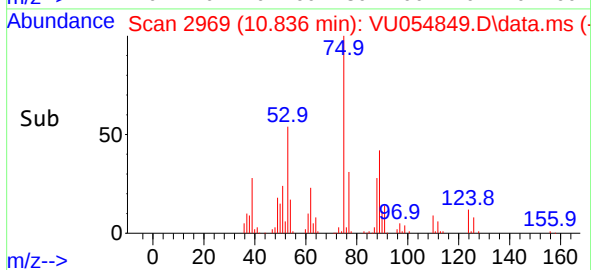
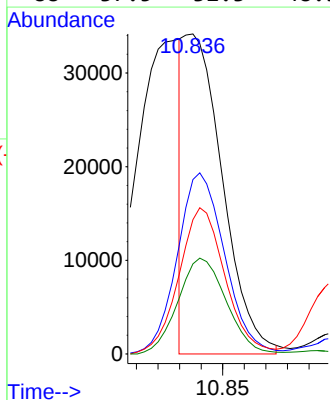
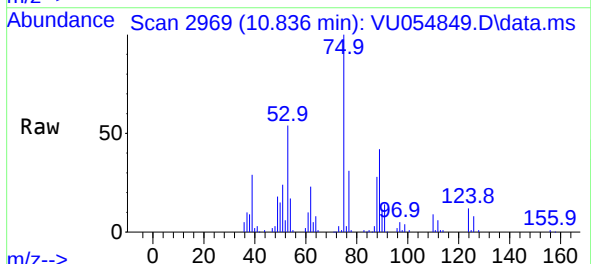
Manual Integrations
APPROVED

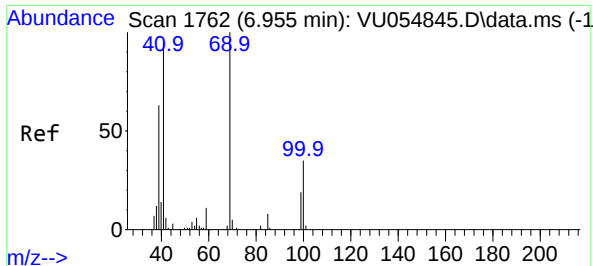
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 25.106 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.006 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 75 Resp: 42496
Ion Ratio Lower Upper
75 100
53 69.8 62.9 94.3
89 54.8 47.8 71.8
88 37.5 32.3 48.5





#47

Methyl methacrylate

Concen: 22.417 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 7194

Ion Ratio Lower Upper

69 100

41 98.0 0.0 193.0

39 65.7 50.4 75.6

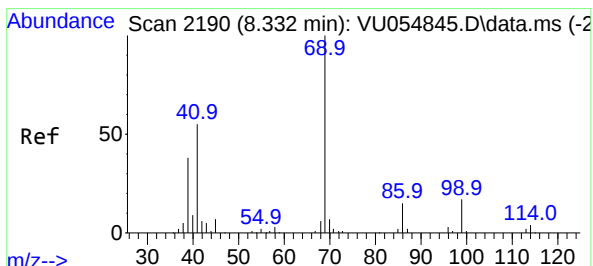
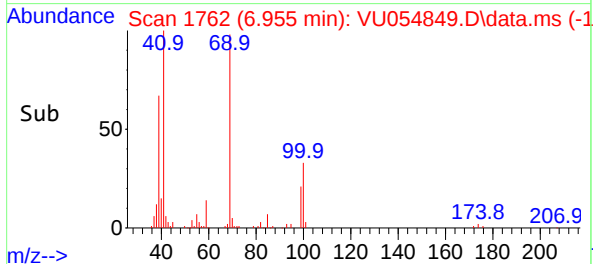
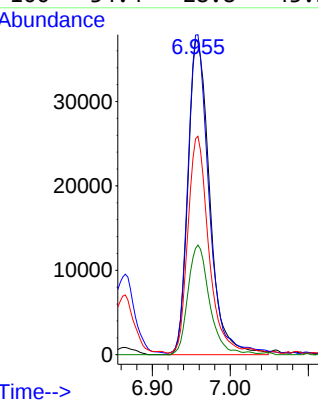
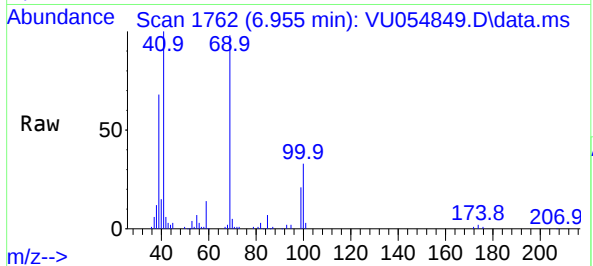
100 34.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 10.982 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU054849.D

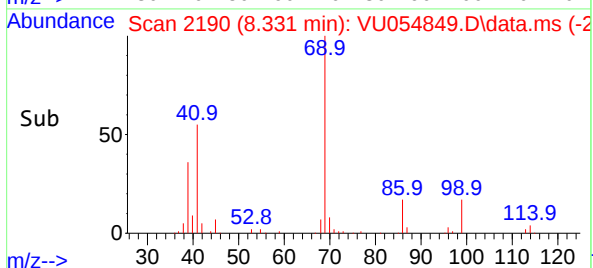
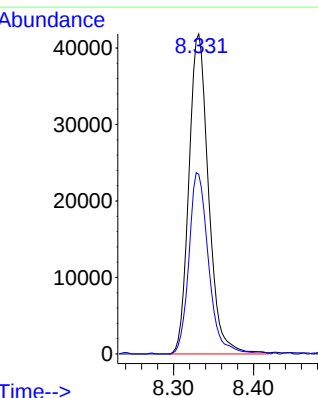
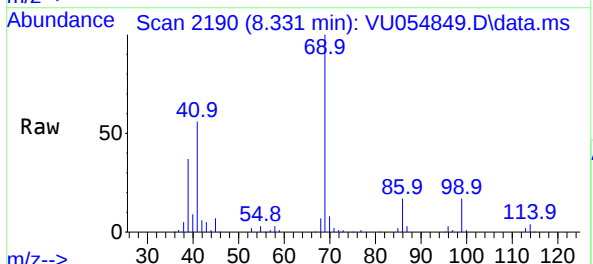
Acq: 24 Jul 2023 09:58

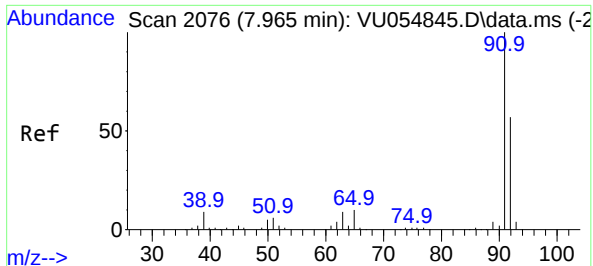
Tgt Ion: 69 Resp: 71602

Ion Ratio Lower Upper

69 100

41 56.4 28.8 86.5





#49

Toluene

Concen: 10.834 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054849.D

Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 175864

Ion Ratio Lower Upper

92 100

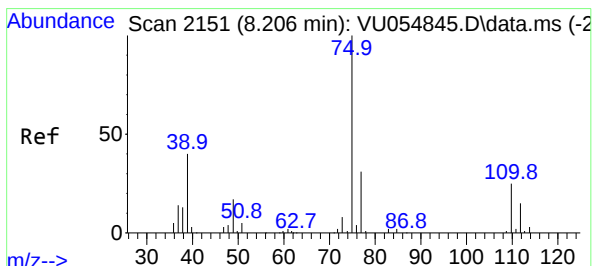
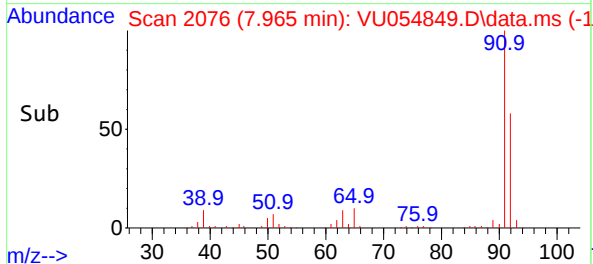
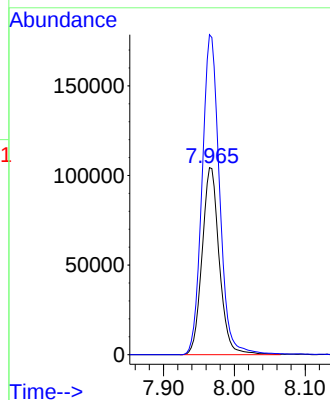
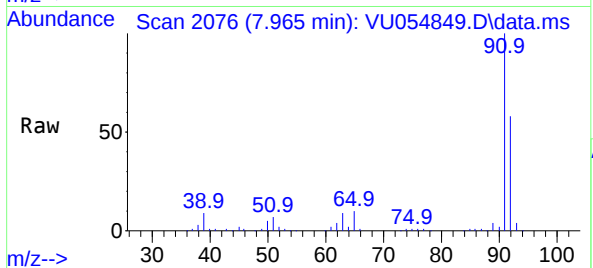
91 174.4 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 11.650 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054849.D

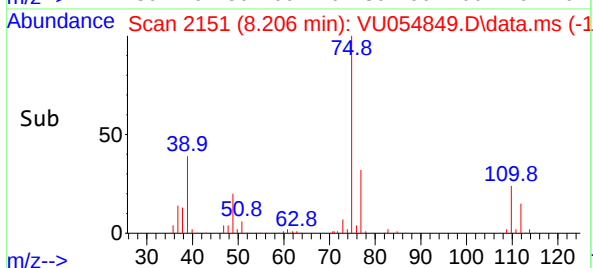
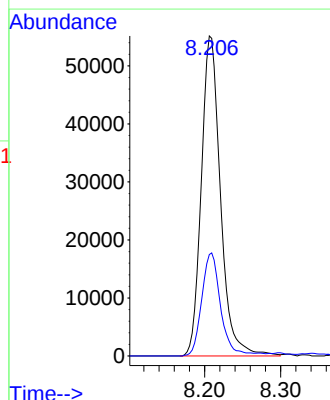
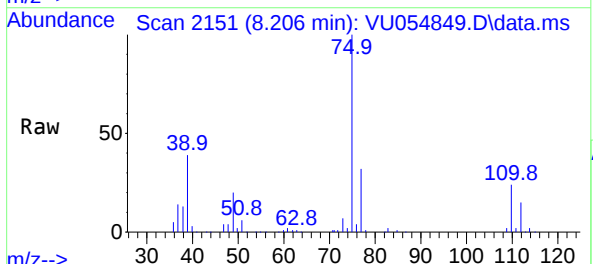
Acq: 24 Jul 2023 09:58

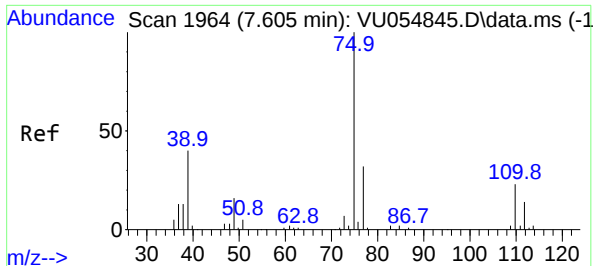
Tgt Ion: 75 Resp: 96655

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 11.598 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

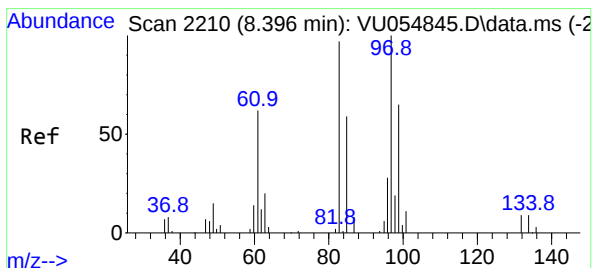
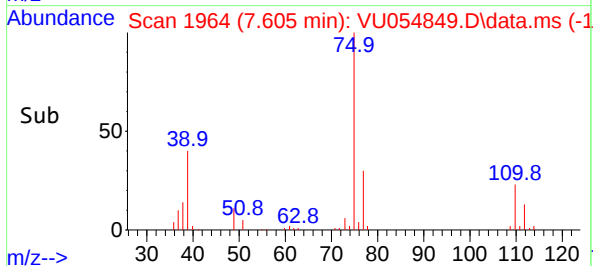
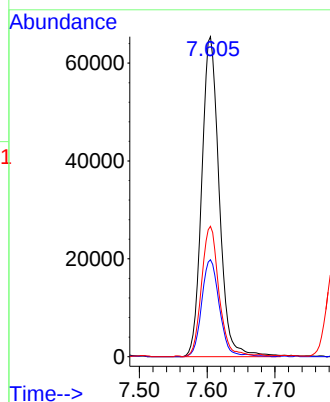
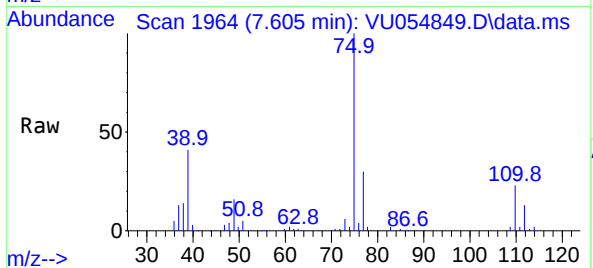
Tgt Ion: 75 Resp: 116994
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8
39 40.6 31.7 47.5

Manual Integrations

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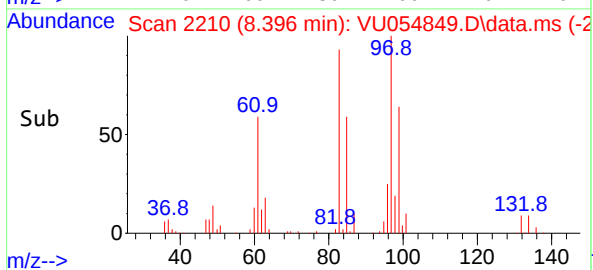
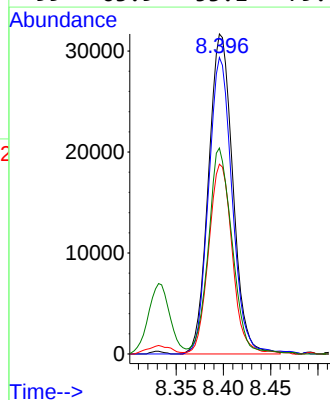
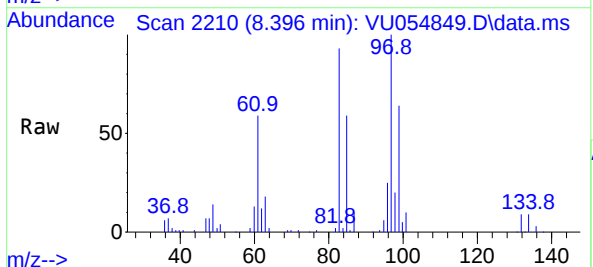
Reviewed By :John Carlone 07/25/2023

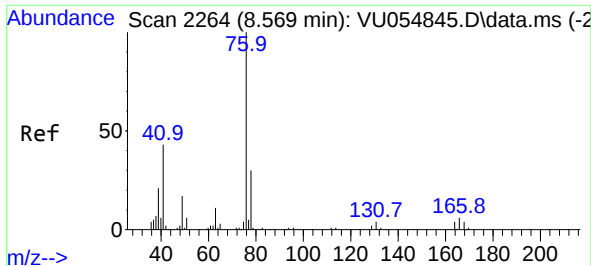
Supervised By :Mahesh Dadoda 07/31/2023



#52
1,1,2-Trichloroethane
Concen: 10.982 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion: 97 Resp: 56605
Ion Ratio Lower Upper
97 100
83 92.6 77.4 116.2
85 58.8 47.8 71.8
99 63.9 53.1 79.7





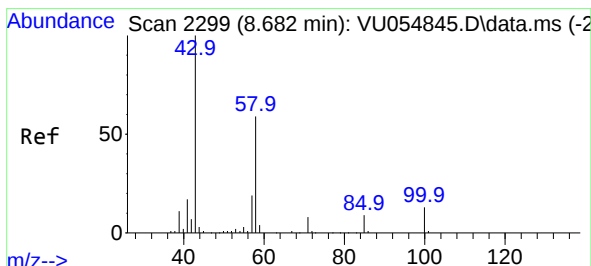
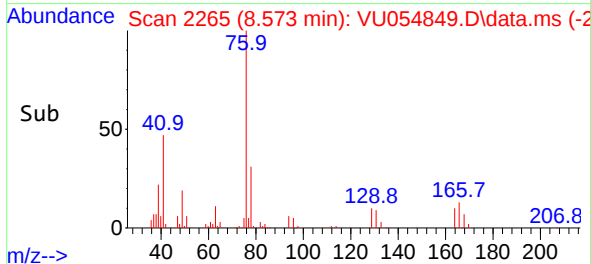
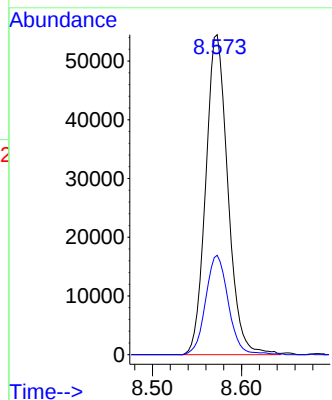
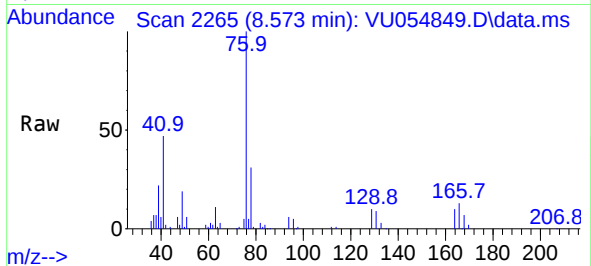
#53
1,3-Dichloropropane
Concen: 10.824 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 94025
Ion Ratio Lower Upper
76 100
78 31.8 24.6 36.8

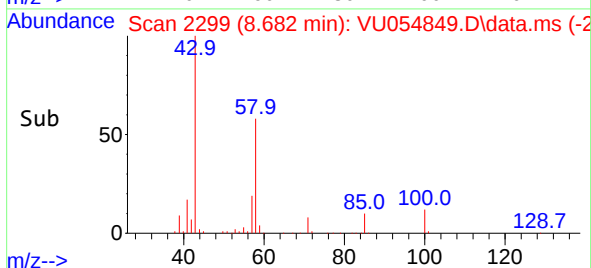
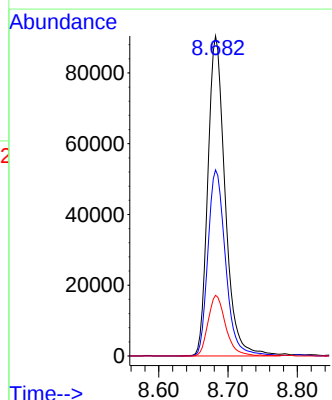
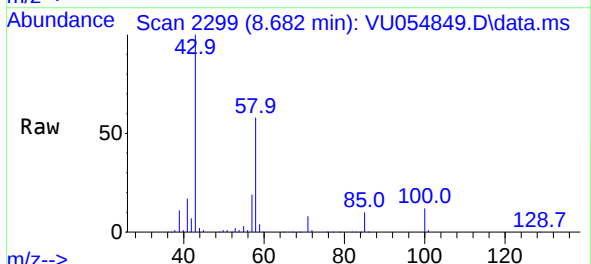
Manual Integrations
APPROVED

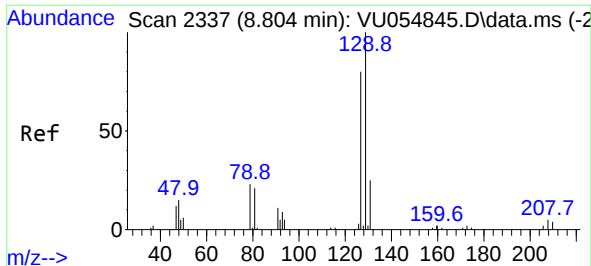
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
2-Hexanone
Concen: 55.544 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

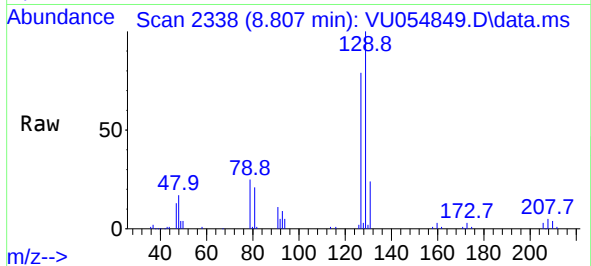
Tgt Ion: 43 Resp: 156562
Ion Ratio Lower Upper
43 100
58 59.2 38.9 78.9
57 19.2 0.0 38.7





#55
Dibromochloromethane
Concen: 11.288 ug/l
RT: 8.807 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

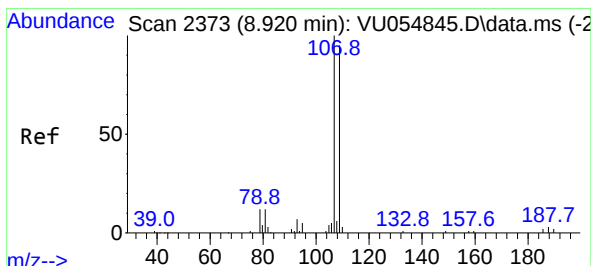
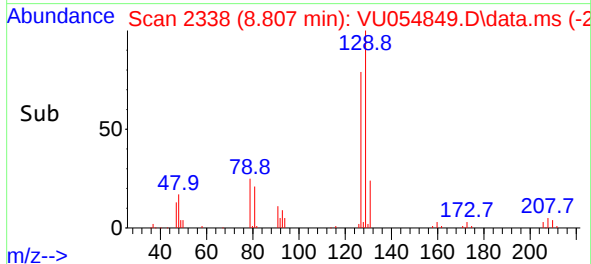
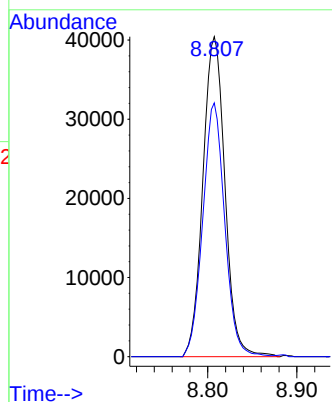
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 69518
Ion Ratio Lower Upper
129 100
127 78.9 61.4 92.0

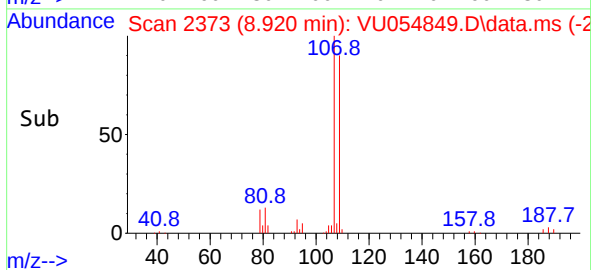
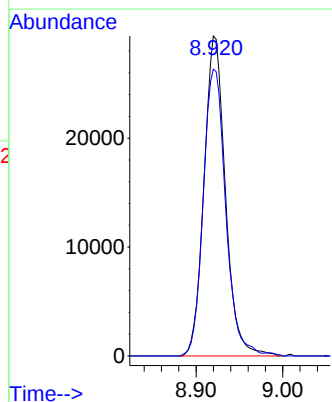
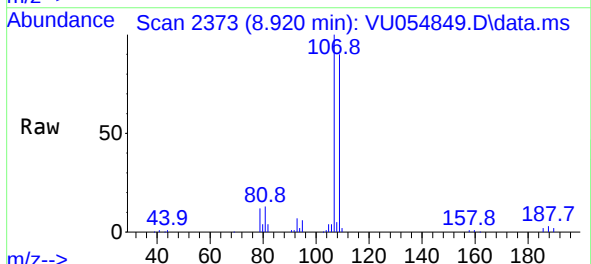
Manual Integrations
APPROVED

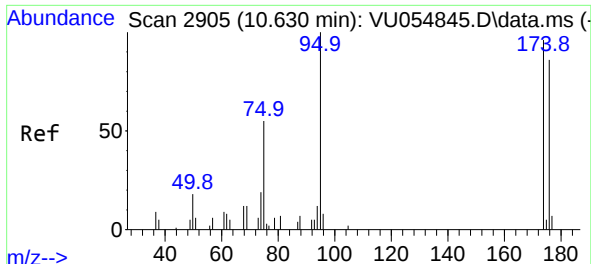
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 11.192 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

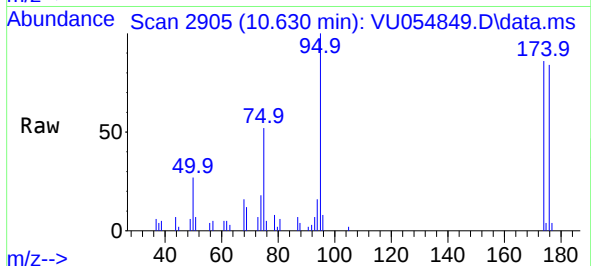
Tgt Ion:107 Resp: 50455
Ion Ratio Lower Upper
107 100
109 93.7 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.137 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

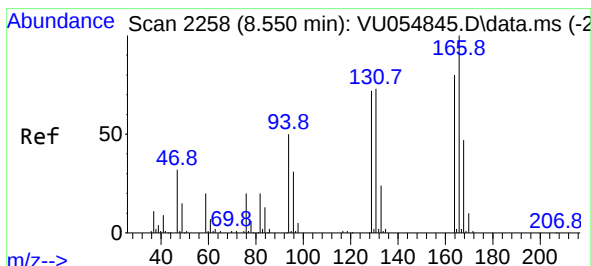
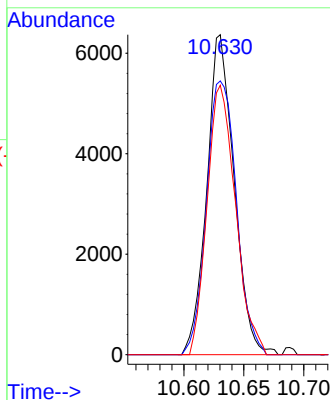
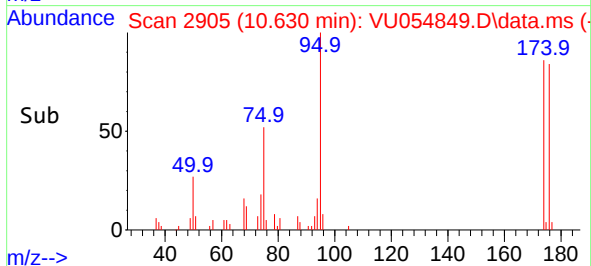
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 95 Resp: 1011
Ion Ratio Lower Upper
95 100
174 93.7 79.3 118.9
176 87.3 71.5 107.3

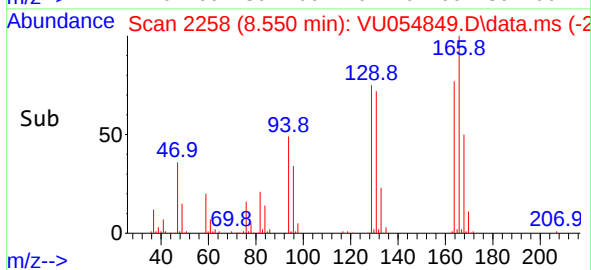
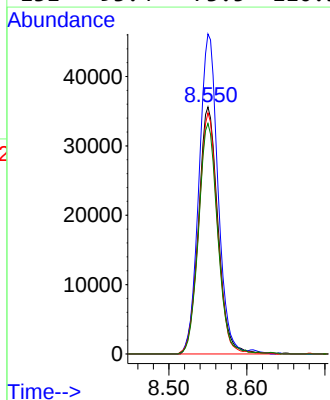
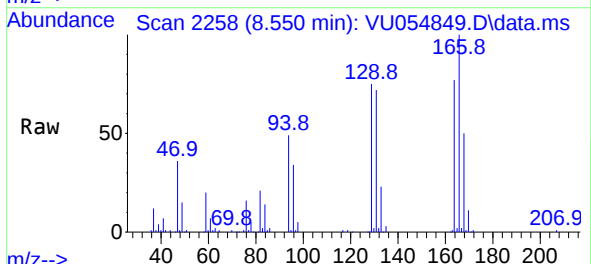
Manual Integrations
APPROVED

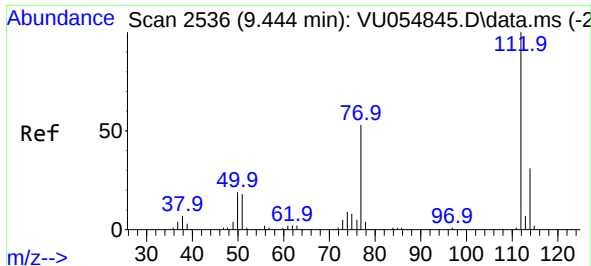
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 10.286 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:164 Resp: 61625
Ion Ratio Lower Upper
164 100
166 129.6 100.4 150.6
129 97.6 71.9 107.9
131 93.4 73.5 110.3





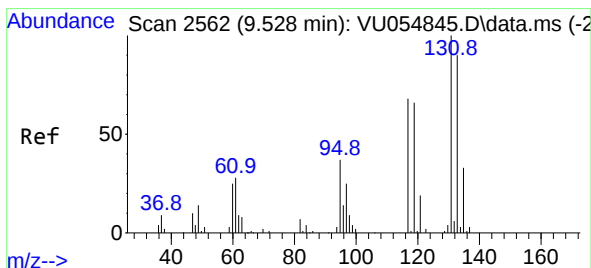
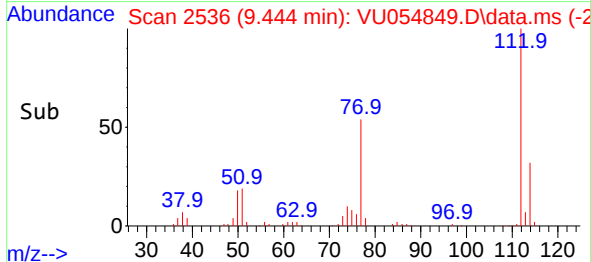
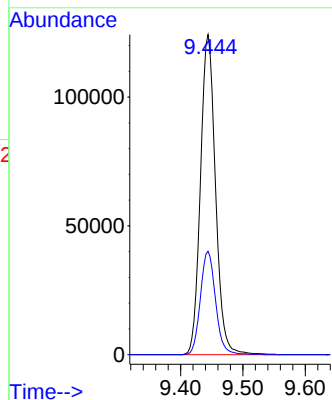
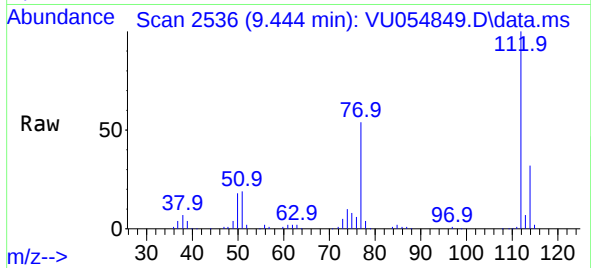
#59
Chlorobenzene
Concen: 10.779 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 208558
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

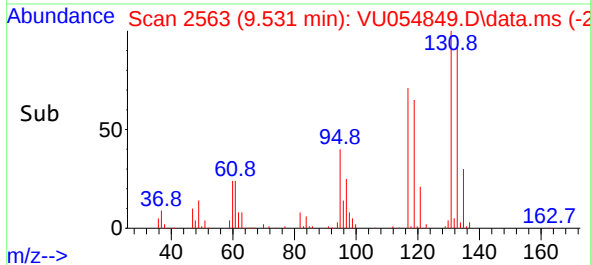
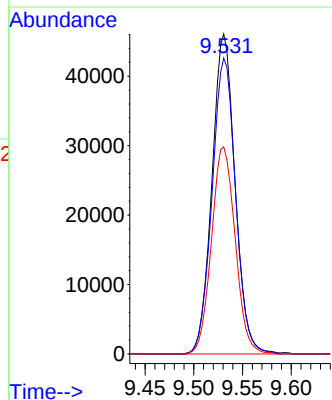
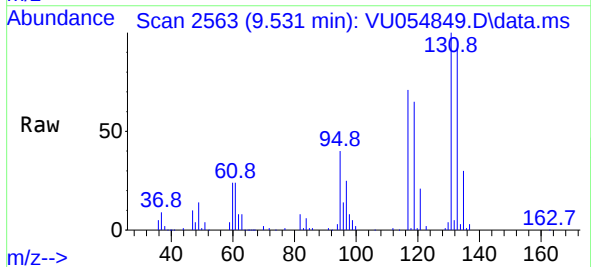
Manual Integrations
APPROVED

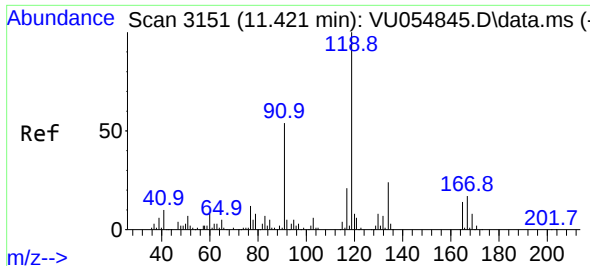
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 11.100 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

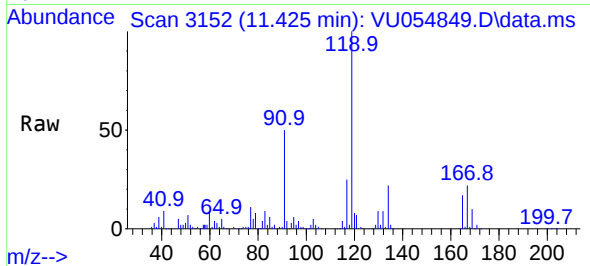
Tgt Ion:131 Resp: 75822
Ion Ratio Lower Upper
131 100
133 94.5 74.2 111.4
119 66.6 51.0 76.4





#61
Pentachloroethane
Concen: 11.457 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

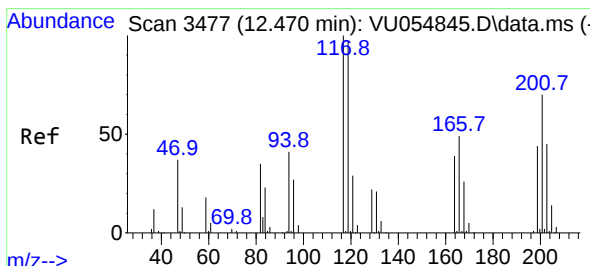
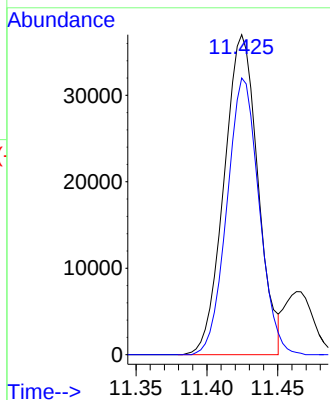
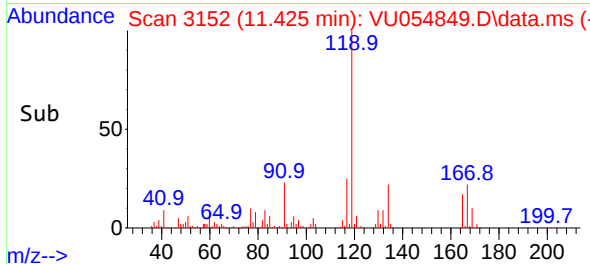
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



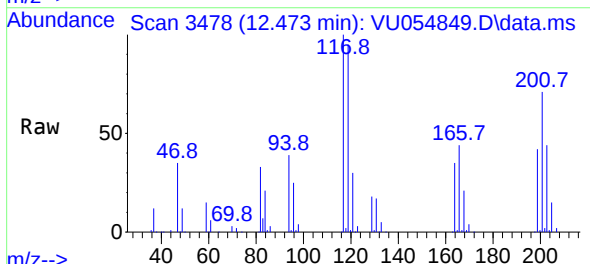
Tgt Ion:117 Resp: 61608
Ion Ratio Lower Upper
117 100
167 82.1 65.3 97.9

Manual Integrations
APPROVED

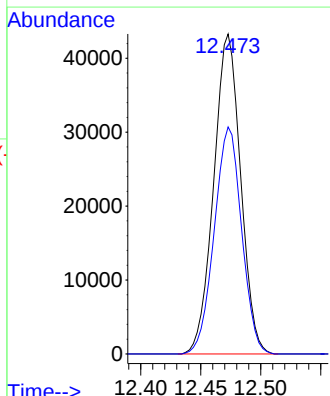
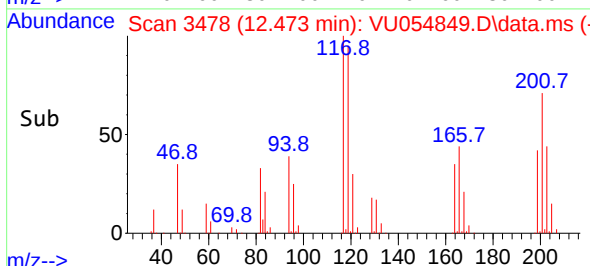
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

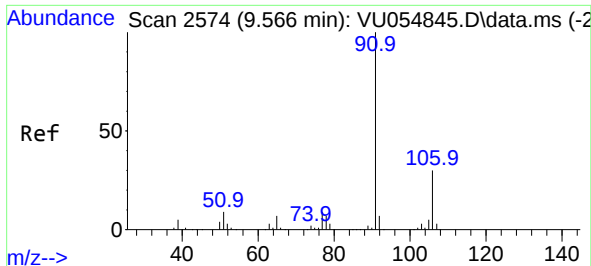


#62
Hexachloroethane
Concen: 12.232 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



Tgt Ion:117 Resp: 67563
Ion Ratio Lower Upper
117 100
201 71.9 56.1 84.1





#63
Ethyl Benzene
Concen: 10.921 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

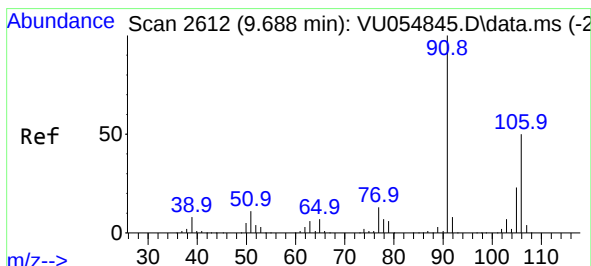
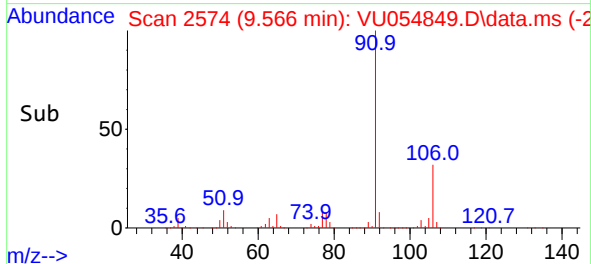
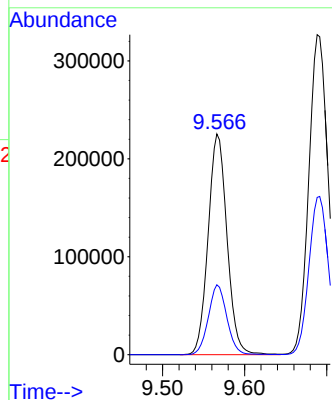
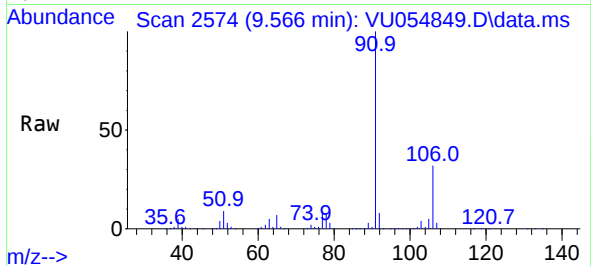
VSTDCCC010

Tgt Ion: 91 Resp: 360210
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2

Manual Integrations

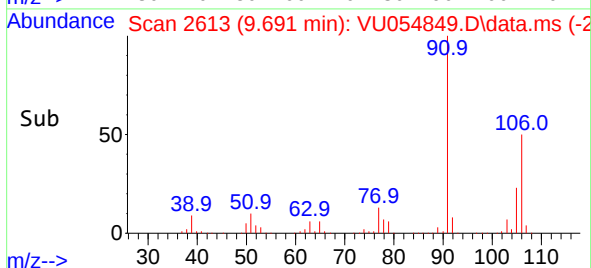
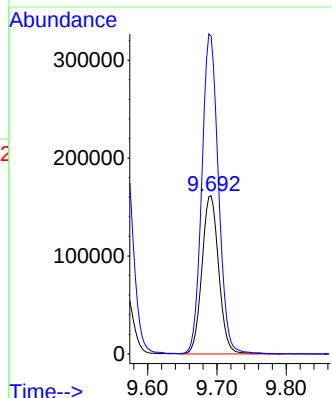
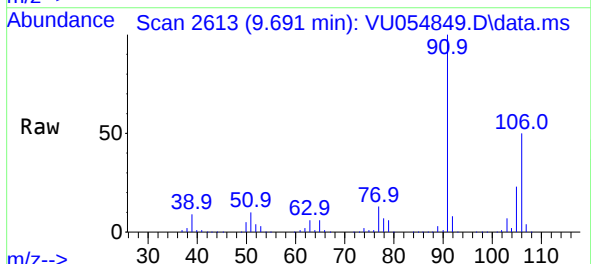
APPROVED

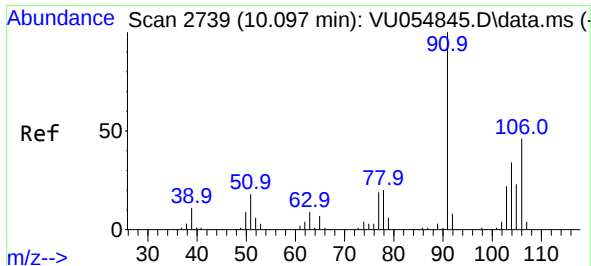
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 21.800 ug/l
RT: 9.691 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:106 Resp: 271862
Ion Ratio Lower Upper
106 100
91 200.9 158.8 238.2





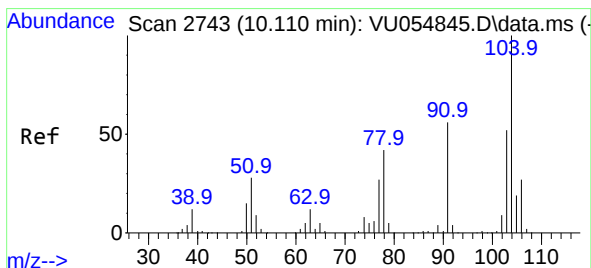
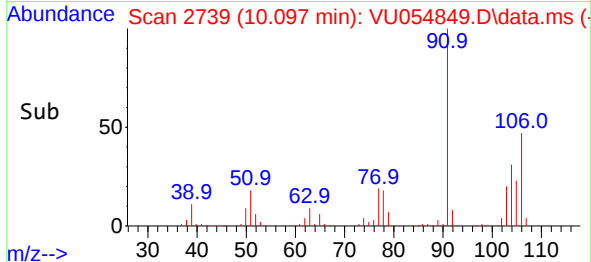
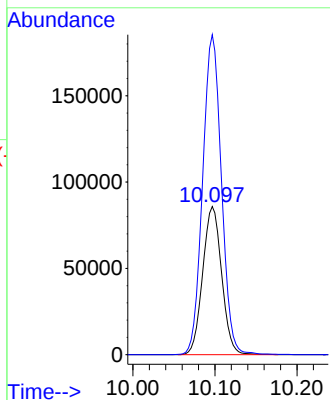
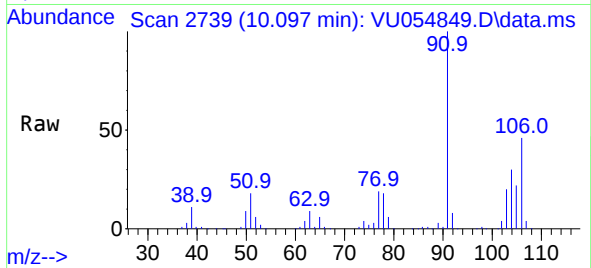
#65
o-Xylene
Concen: 10.973 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 137834
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8

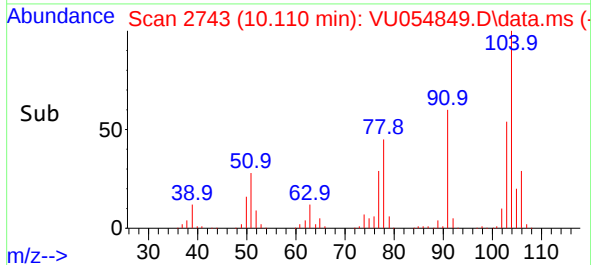
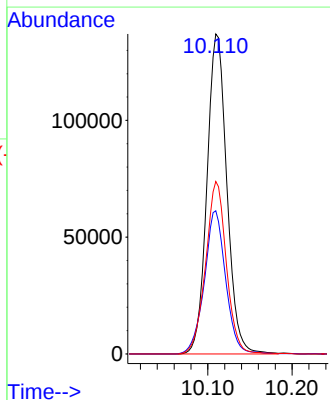
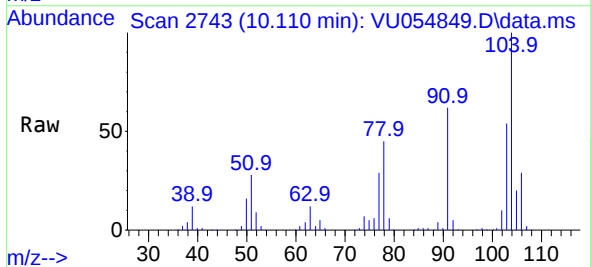
Manual Integrations
APPROVED

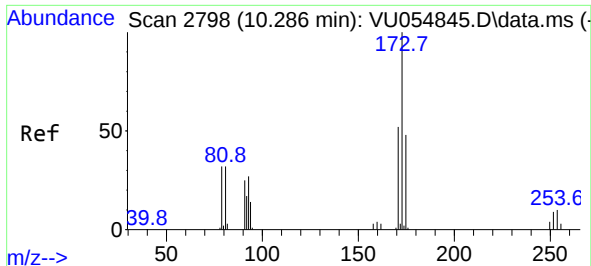
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 11.163 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:104 Resp: 225282
Ion Ratio Lower Upper
104 100
78 47.9 37.5 56.3
103 56.3 45.2 67.8





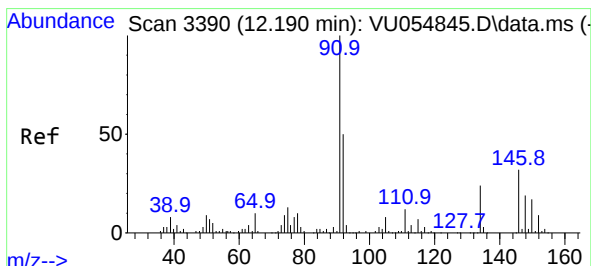
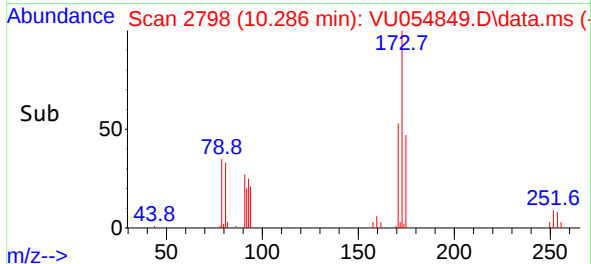
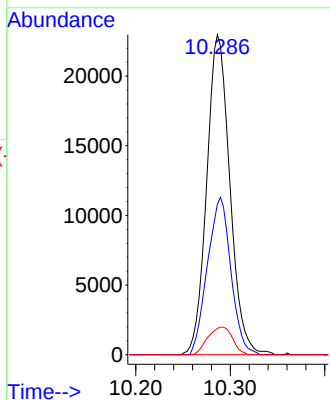
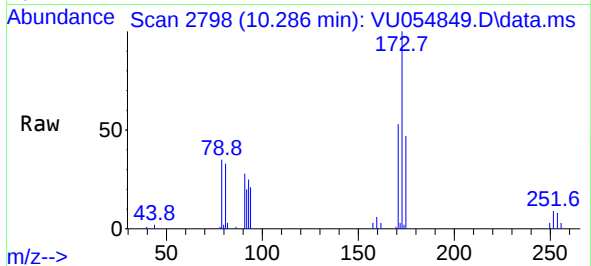
#67
Bromoform
Concen: 11.779 ug/l
RT: 10.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 3908
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.6
254 9.2 7.4 11.0

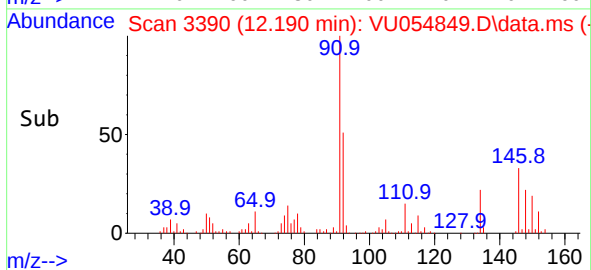
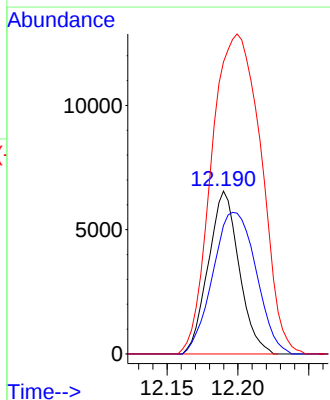
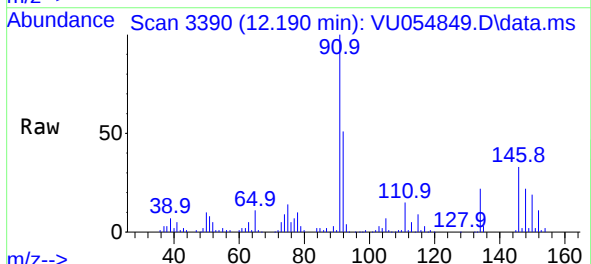
Manual Integrations
APPROVED

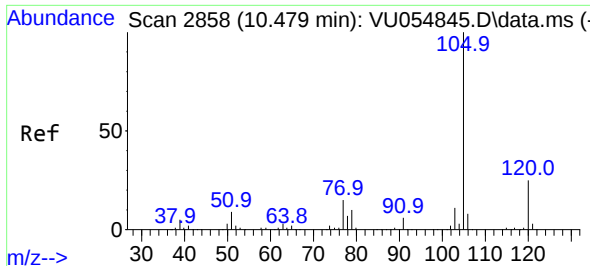
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.963 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

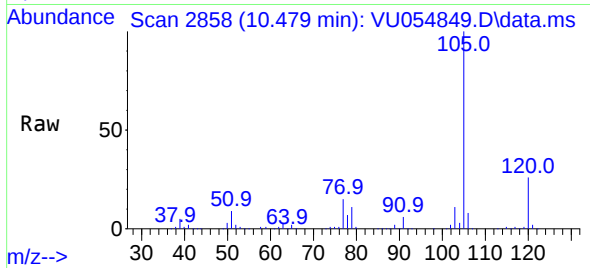
Tgt Ion:152 Resp: 9922
Ion Ratio Lower Upper
152 100
115 122.1 0.0 234.8
150 313.5 0.0 598.2





#69
Isopropylbenzene
Concen: 10.894 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

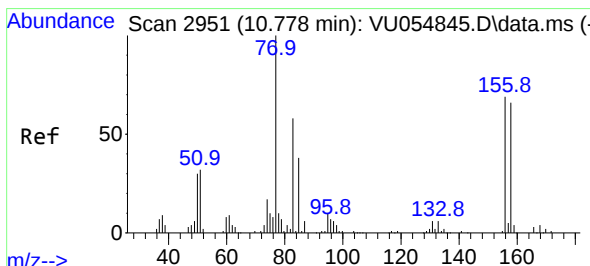
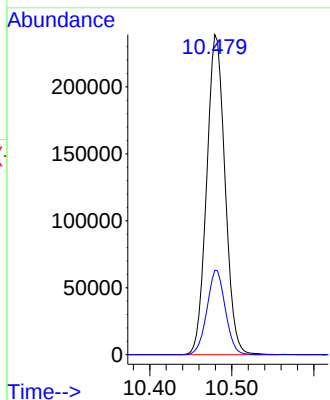
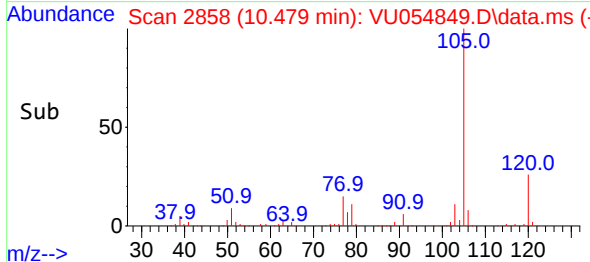
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



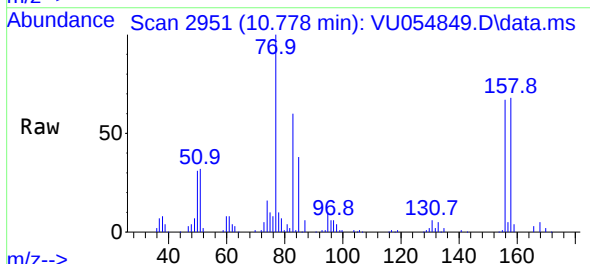
Tgt Ion:105 Resp: 371294
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

Manual Integrations
APPROVED

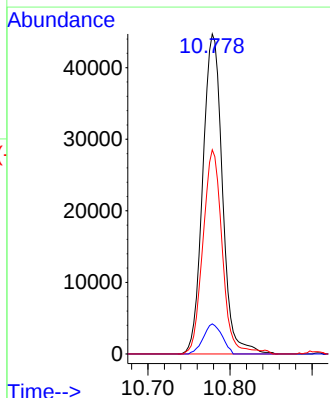
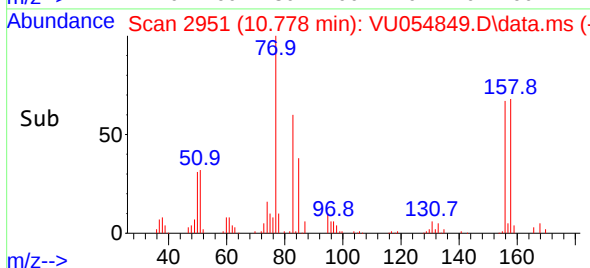
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

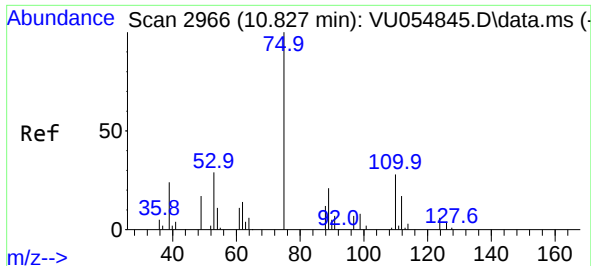


#70
1,1,2,2-Tetrachloroethane
Concen: 11.596 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



Tgt Ion: 83 Resp: 74527
Ion Ratio Lower Upper
83 100
131 9.0 7.5 11.3
85 62.7 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 9.211 ug/l m
RT: 10.826 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

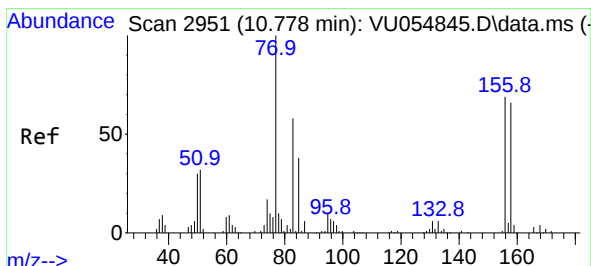
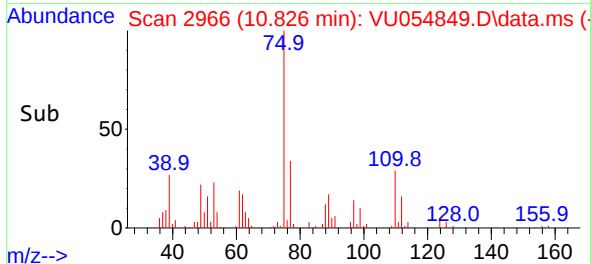
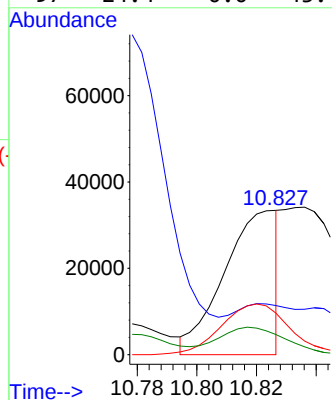
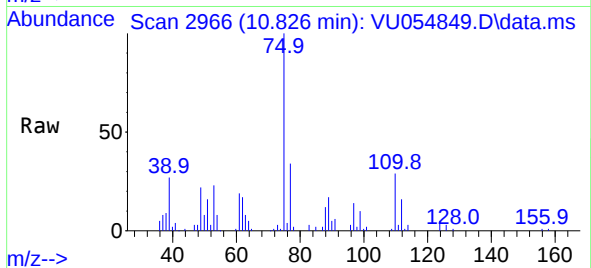
Tgt Ion: 75 Resp: 41724
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 44.9 0.0 80.8
97 24.4 0.0 43.4

Manual Integrations

APPROVED

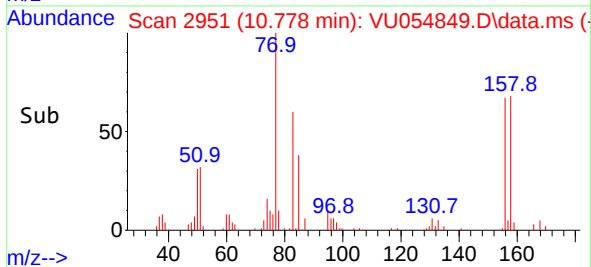
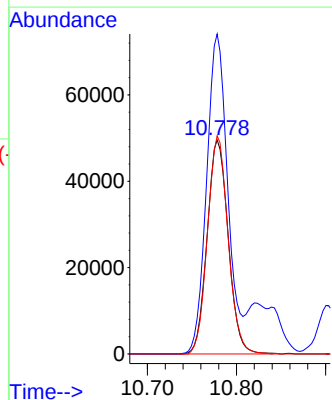
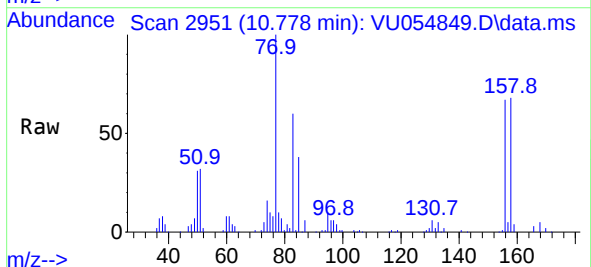
Reviewed By :John Carlone 07/25/2023

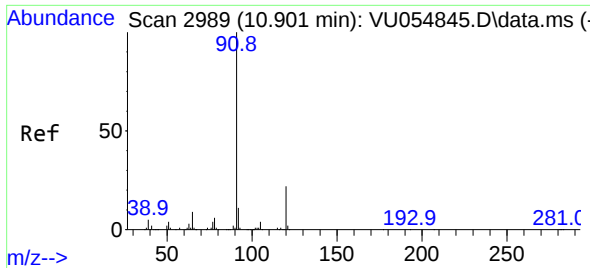
Supervised By :Mahesh Dadoda 07/31/2023



#72
Bromobenzene
Concen: 10.371 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:156 Resp: 81541
Ion Ratio Lower Upper
156 100
77 148.6 0.0 293.2
158 99.5 0.0 189.8





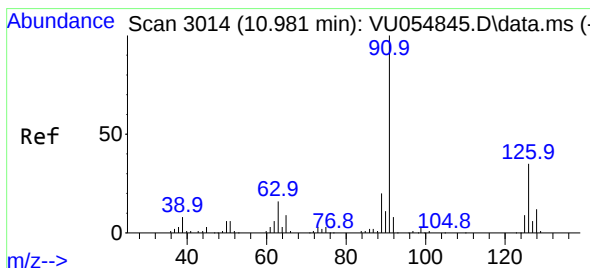
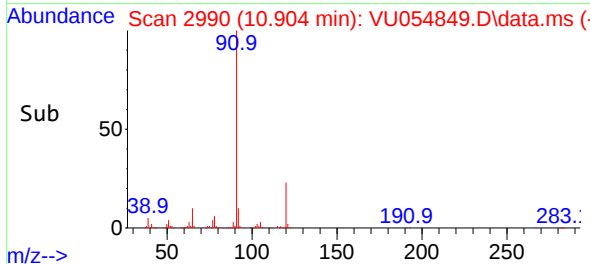
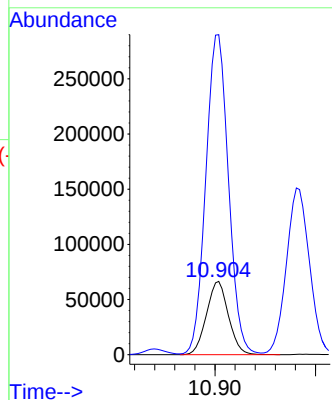
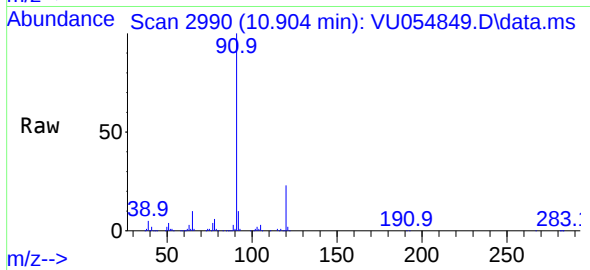
#73
n-propylbenzene
Concen: 10.996 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 100683
Ion Ratio Lower Upper
120 100
91 448.4 361.8 542.6

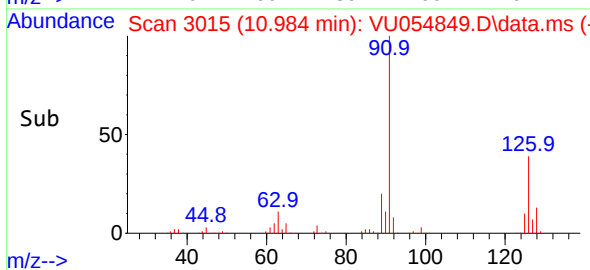
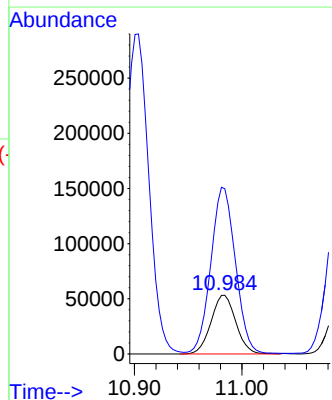
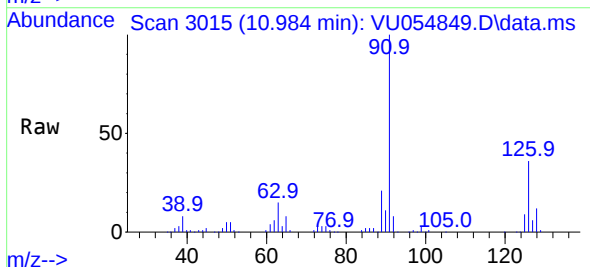
Manual Integrations
APPROVED

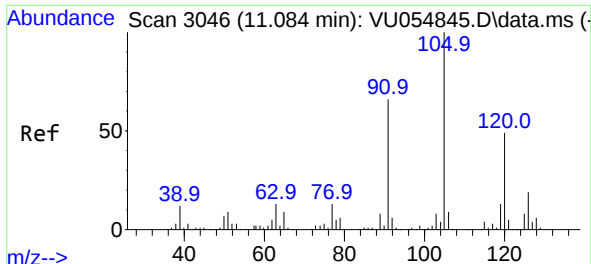
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.701 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:126 Resp: 85325
Ion Ratio Lower Upper
126 100
91 280.2 0.0 561.4





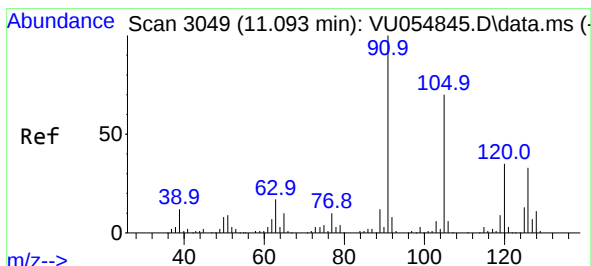
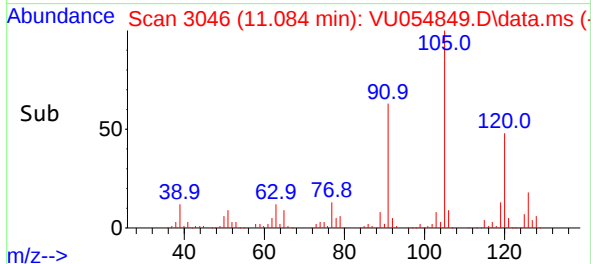
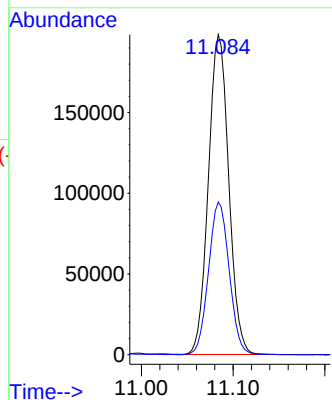
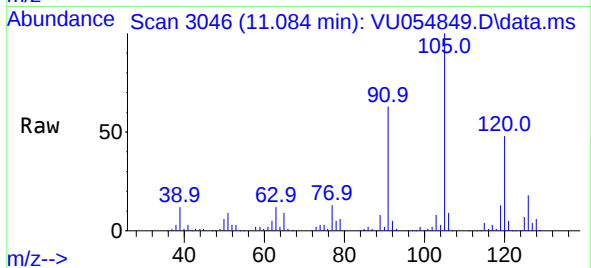
#75
1,3,5-Trimethylbenzene
Concen: 11.013 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 305777
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.4

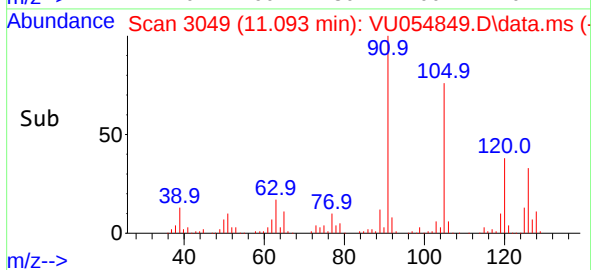
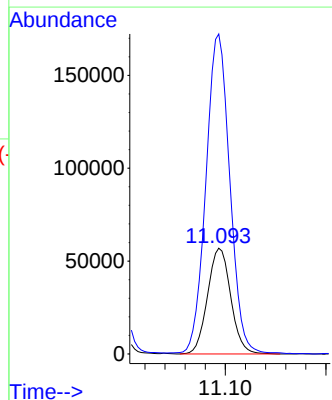
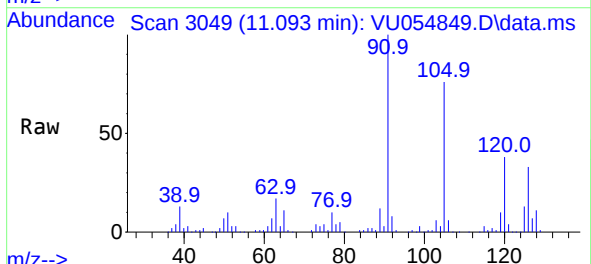
Manual Integrations
APPROVED

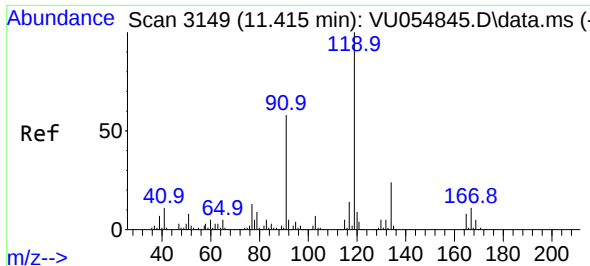
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 11.122 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Tgt Ion:126 Resp: 91162
Ion Ratio Lower Upper
126 100
91 311.4 0.0 623.4





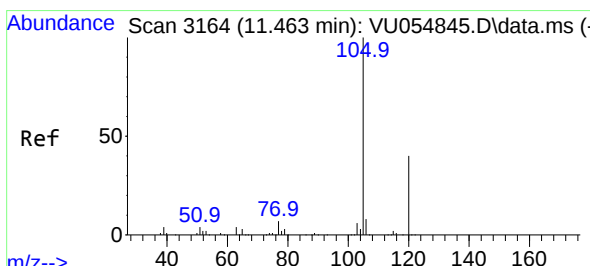
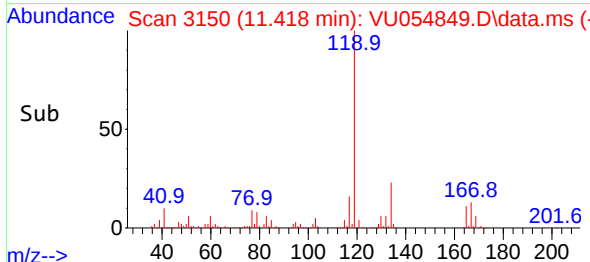
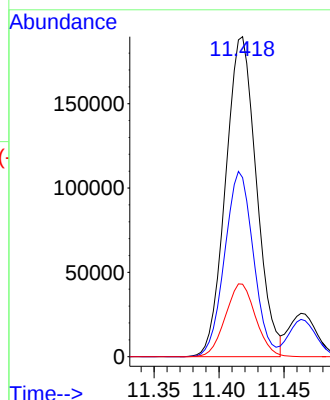
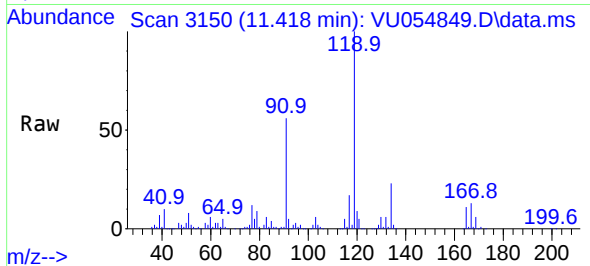
#77
tert-Butylbenzene
Concen: 10.958 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 313320
Ion Ratio Lower Upper
119 100
91 54.0 27.7 83.1
134 22.3 18.6 27.8

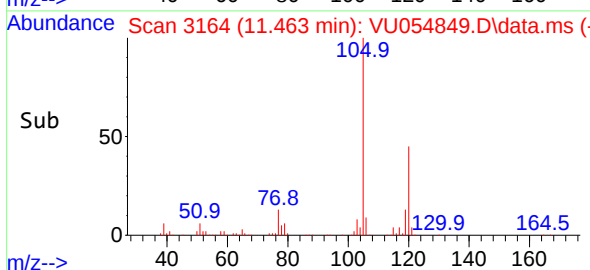
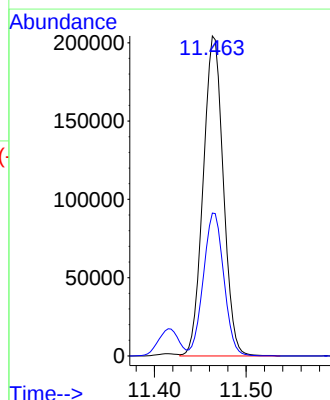
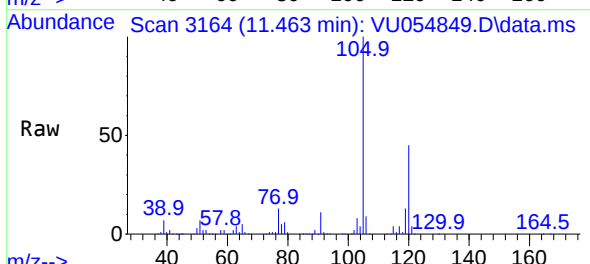
Manual Integrations
APPROVED

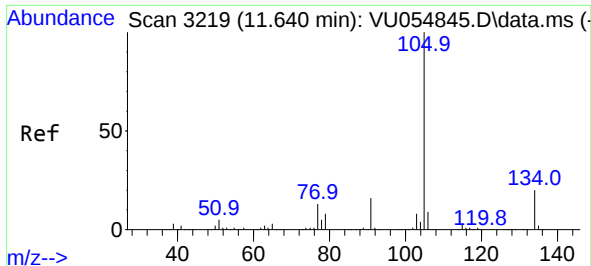
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.168 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

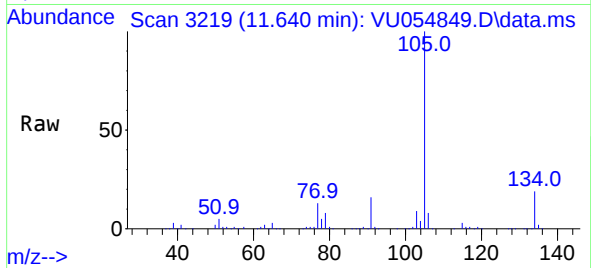
Tgt Ion:105 Resp: 311817
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 11.134 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. -0.000 min
 Lab File: VU054849.D
 Acq: 24 Jul 2023 09:58

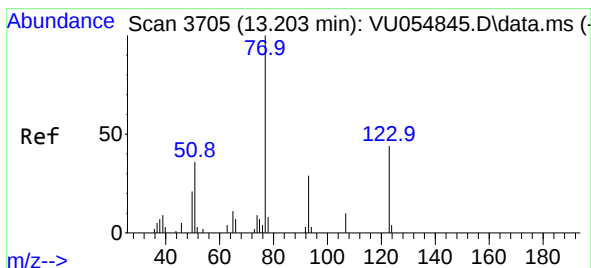
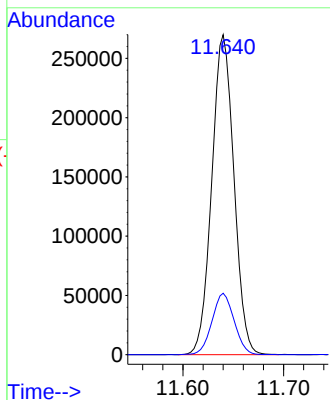
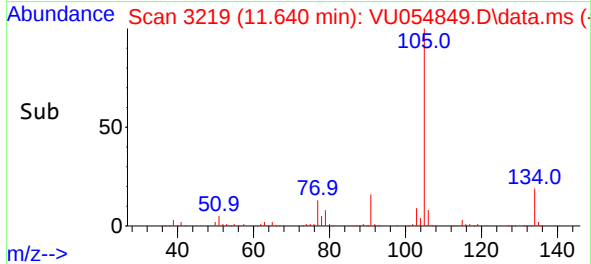
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



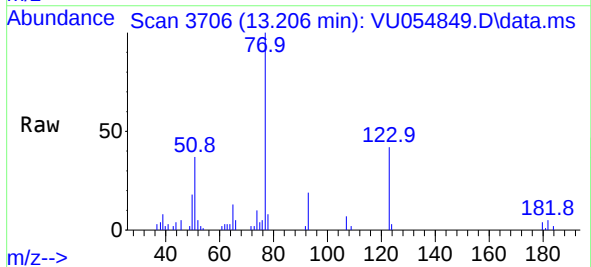
Tgt Ion:105 Resp: 41308
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.7 23.5

Manual Integrations
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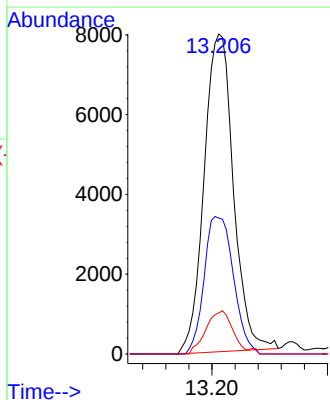
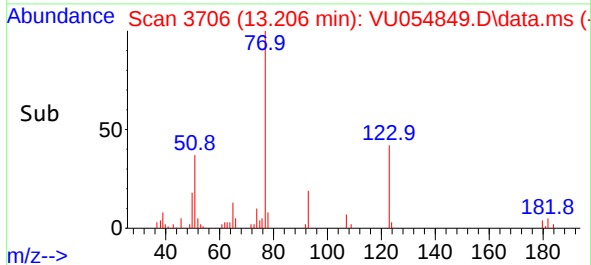
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/31/2023

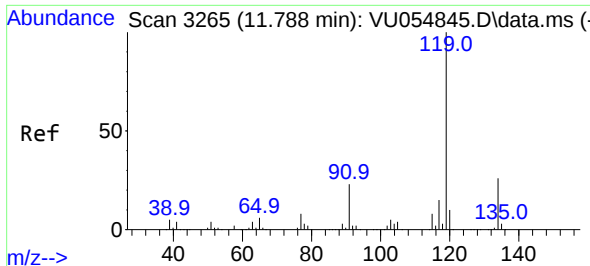


#80
 Nitrobenzene
 Concen: 59.399 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.003 min
 Lab File: VU054849.D
 Acq: 24 Jul 2023 09:58



Tgt Ion: 77 Resp: 14049
 Ion Ratio Lower Upper
 77 100
 123 43.0 20.2 71.8
 65 12.8 11.7 14.9





#81
p-Isopropyltoluene
Concen: 11.131 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

Instrument :

MSVOA_U

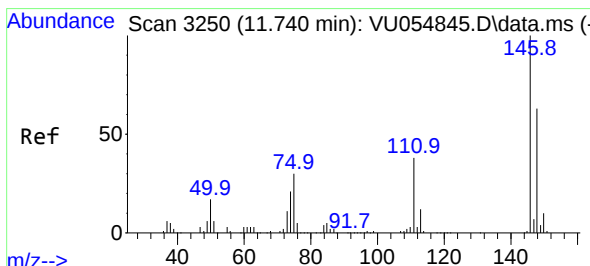
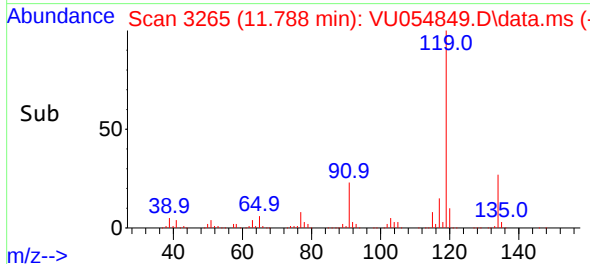
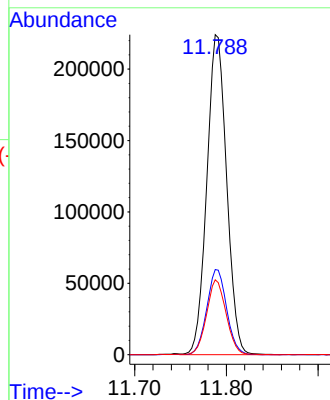
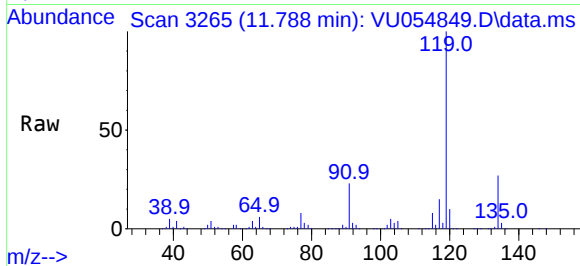
ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 33638
Ion Ratio Lower Upper
119 100
134 26.6 20.6 31.0
91 23.1 18.2 27.4

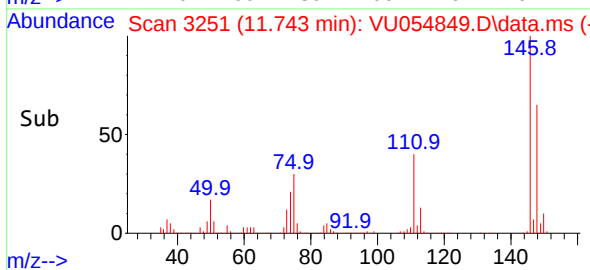
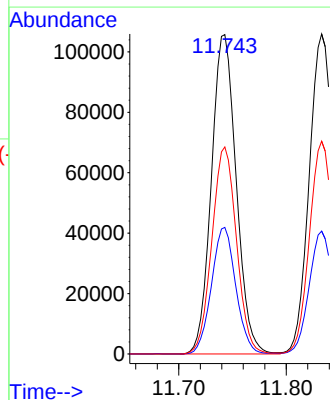
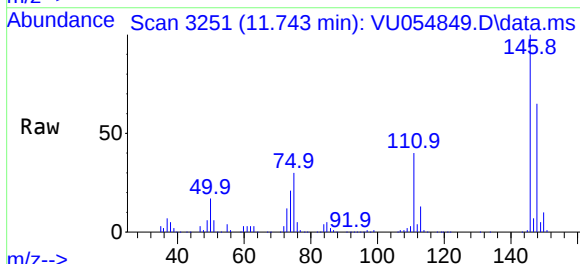
Manual Integrations
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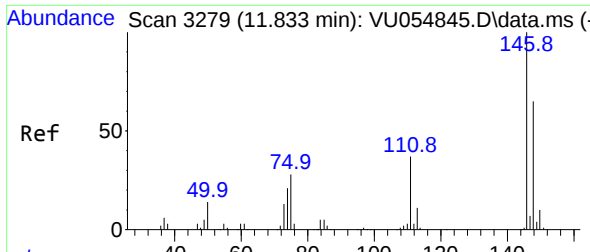
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 10.799 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

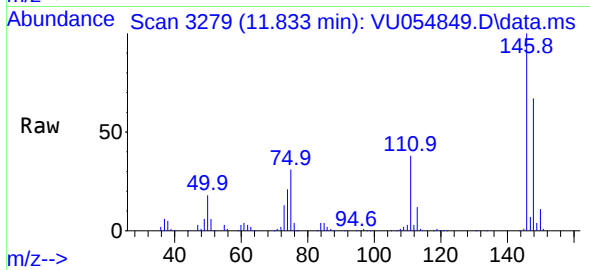
Tgt Ion:146 Resp: 169981
Ion Ratio Lower Upper
146 100
111 38.9 30.5 45.7
148 64.1 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 10.769 ug/l
RT: 11.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

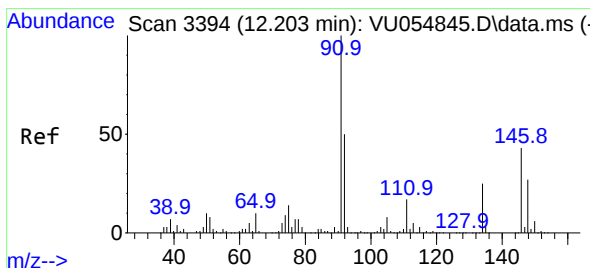
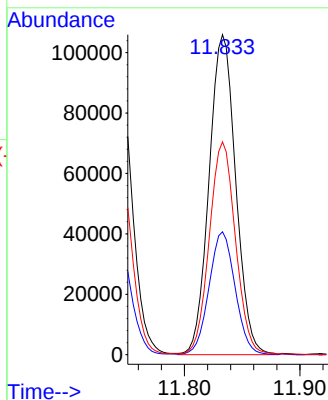
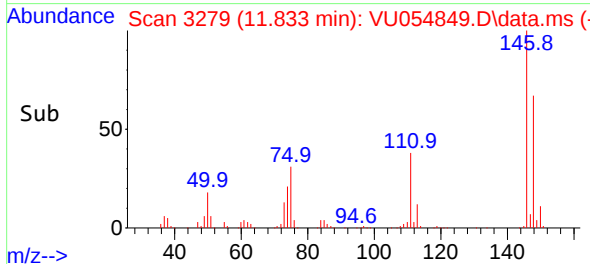
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



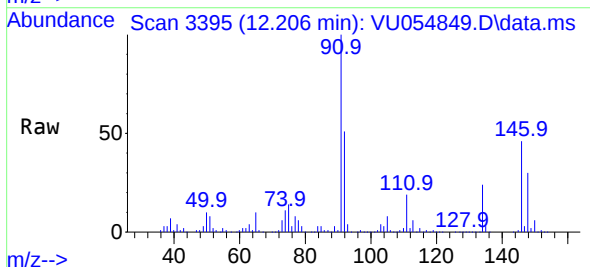
Tgt Ion:146 Resp: 17000
Ion Ratio Lower Upper
146 100
111 37.3 29.5 44.3
148 65.5 51.2 76.8

Manual Integrations
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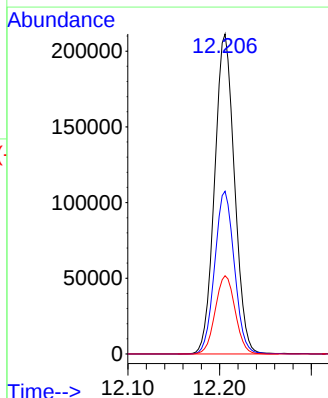
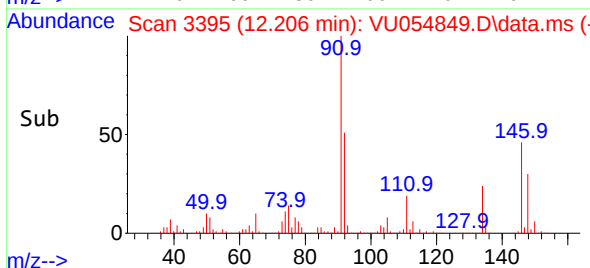
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

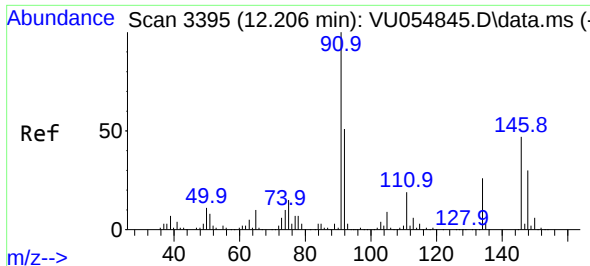


#84
n-Butylbenzene
Concen: 11.440 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



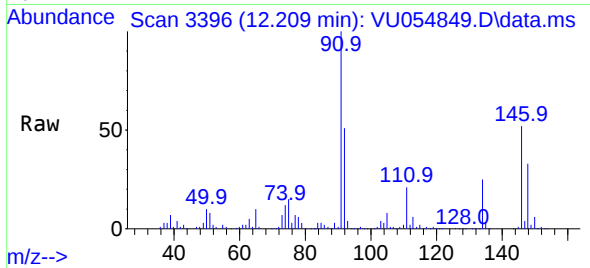
Tgt Ion: 91 Resp: 318070
Ion Ratio Lower Upper
91 100
92 50.4 39.8 59.8
134 24.5 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 10.741 ug/l
RT: 12.209 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

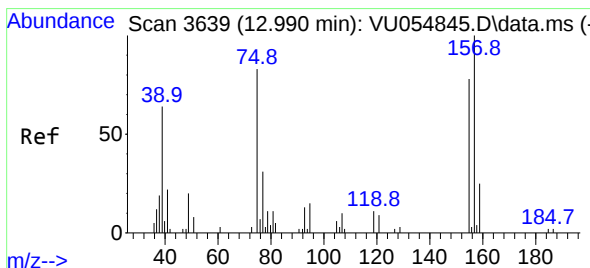
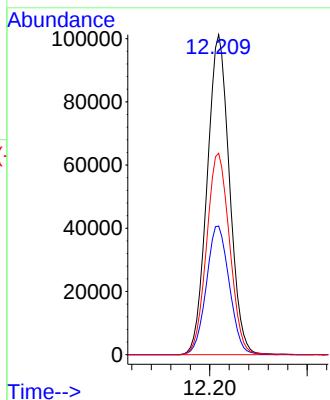
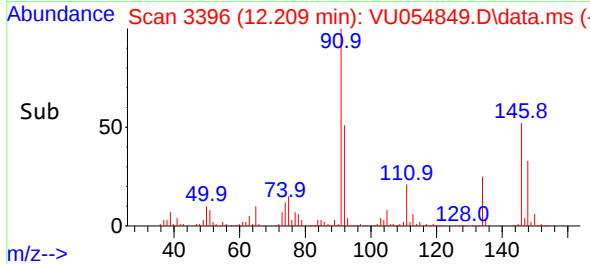
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



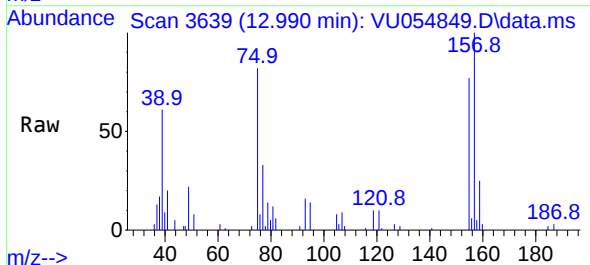
Tgt Ion:146 Resp: 161010
Ion Ratio Lower Upper
146 100
111 41.5 19.8 59.4
148 65.0 31.8 95.3

Manual Integrations
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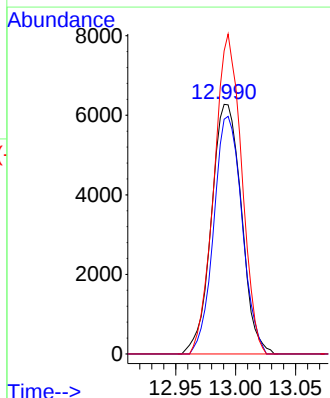
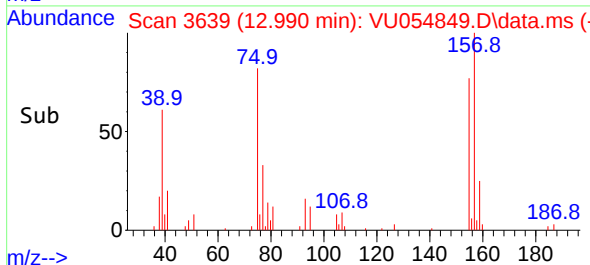
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

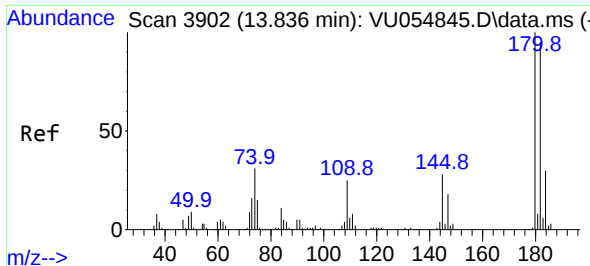


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.560 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



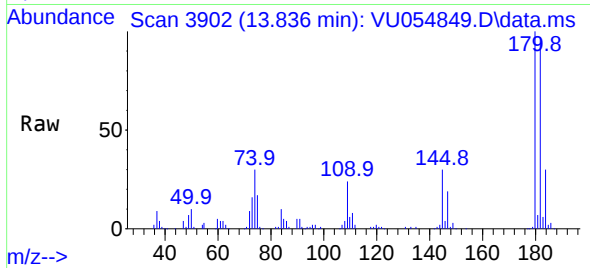
Tgt Ion: 75 Resp: 10912
Ion Ratio Lower Upper
75 100
155 89.5 74.8 112.2
157 117.7 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 11.051 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

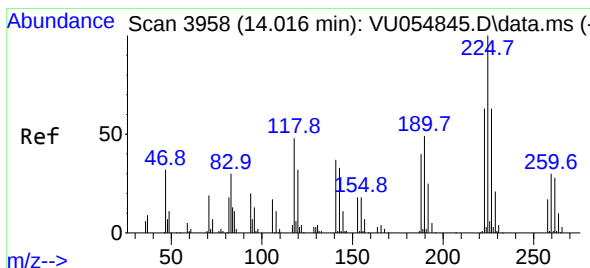
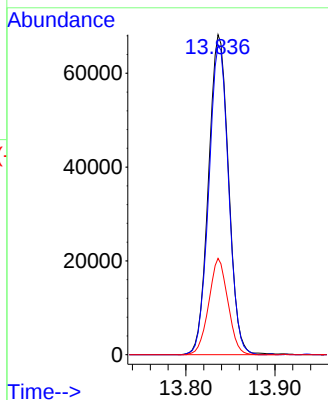
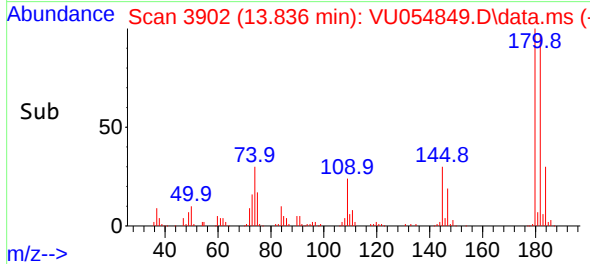
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



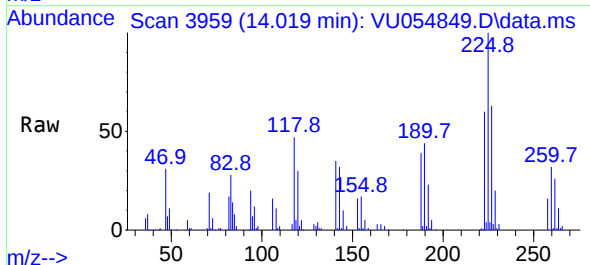
Tgt Ion:180 Resp: 106220
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
145 28.8 23.4 35.0

Manual Integrations
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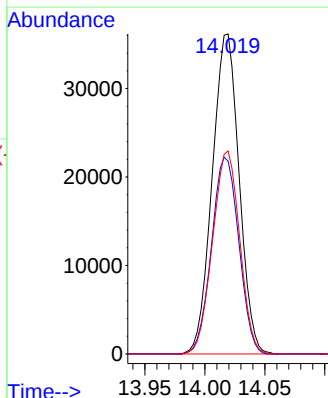
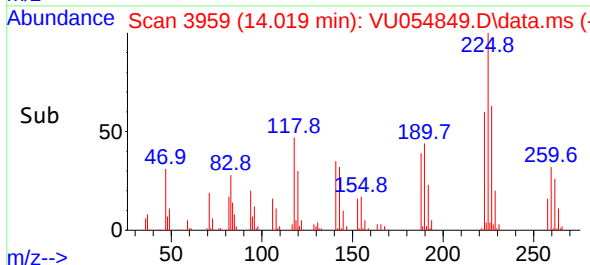
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023

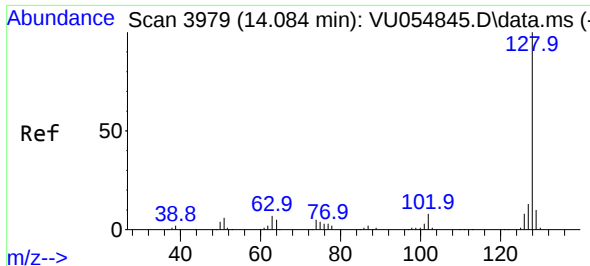


#88
Hexachlorobutadiene
Concen: 10.966 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



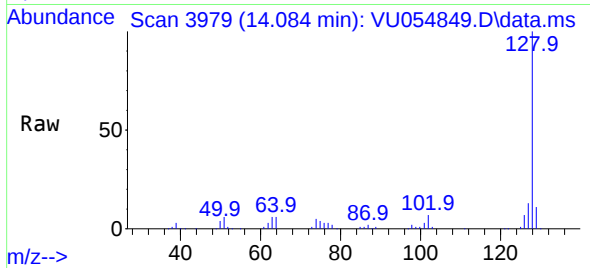
Tgt Ion:225 Resp: 56302
Ion Ratio Lower Upper
225 100
223 62.4 50.6 76.0
227 63.9 50.7 76.1





#89
Naphthalene
Concen: 10.345 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58

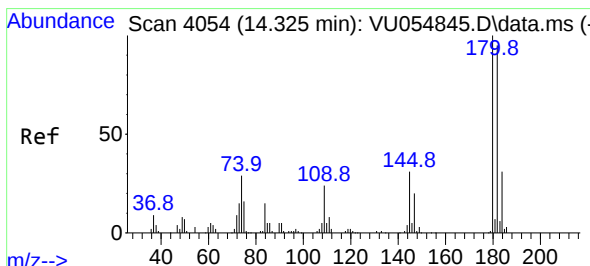
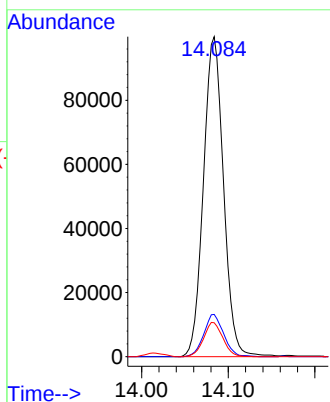
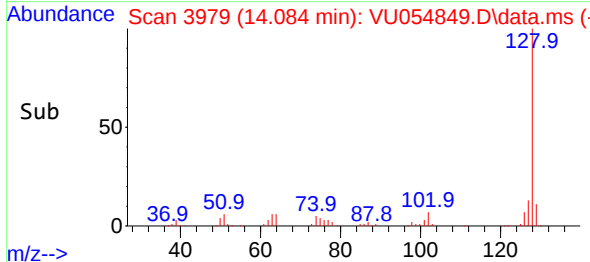
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



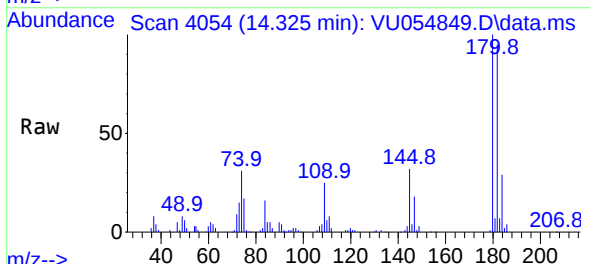
Tgt Ion:128 Resp: 160810
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 10.855 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054849.D
Acq: 24 Jul 2023 09:58



Tgt Ion:180 Resp: 90170
Ion Ratio Lower Upper
180 100
182 96.0 76.0 114.0
145 31.7 24.3 36.5

