

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054903.D
 Acq On : 27 Jul 2023 18:56
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 05:49:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	26552	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8156	1.013	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9706	1.067	ug/l	0.00
Spiked Amount	1.000		Recovery	=	107.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47037	9.303	ug/l	94
3) Chloromethane	1.518	50	53700	9.454	ug/l	96
4) Vinyl Chloride	1.602	62	72940	9.616	ug/l	99
5) Bromomethane	1.856	94	53398	8.873	ug/l	98
6) Chloroethane	1.930	64	71616	9.135	ug/l	98
7) Trichlorofluoromethane	2.132	101	150547	8.448	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	53375	9.242	ug/l	98
9) 1,1-Dichloroethene	2.576	96	44128	9.626	ug/l	100
10) Iodomethane	2.718	142	71959	10.055	ug/l	99
11) Allyl Chloride	2.920	41	49555	9.045	ug/l	98
12) Acrylonitrile	3.322	53	25282	21.976	ug/l	99
13) Acetone	2.640	43	47837m	39.783	ug/l	
14) Carbon Disulfide	2.785	76	68849	8.669	ug/l	99
15) Methylene Chloride	3.039	84	65061	11.127	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	49455	9.910	ug/l	93
17) 1,1-Dichloroethane	3.862	63	109463	9.807	ug/l	96
18) 2-Butanone	4.711	43	79619	52.489	ug/l	95
19) Cyclohexane	5.383	56	64988m	10.348	ug/l	
20) Methylcyclohexane	6.759	83	79293	9.442	ug/l	98
21) 2,2-Dichloropropane	4.660	77	84641	8.181	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	65262	9.840	ug/l	97
23) Diethyl Ether	2.373	59	68009	10.056	ug/l	99
24) tert-Butyl Alcohol	3.219	59	63118m	100.318	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	153660	10.832	ug/l	96
26) Bromochloromethane	4.968	128	28662	10.538	ug/l	97
27) Chloroform	5.084	83	123858	10.333	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	99529	9.614	ug/l	97
29) 1,1-Dichloropropene	5.521	75	72459	9.488	ug/l	97
30) Carbon Tetrachloride	5.521	117	83792	9.696	ug/l	97
31) Isopropyl Ether	3.988	45	164349	9.976	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	172023	10.141	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	168075	10.480	ug/l	100
34) Propionitrile	4.788	54	26728	63.913	ug/l #	94
35) Benzene	5.769	78	235636	9.853	ug/l	99
36) 1,2-Dichloroethane	5.791	62	70643	10.384	ug/l	99
37) Trichloroethene	6.541	130	65342	10.159	ug/l	99
38) 1,2-Dichloropropane	6.788	63	68711	10.164	ug/l	95
39) Methacrylonitrile	4.971	41	17907	10.681	ug/l	98
40) Methyl acrylate	4.846	55	30148	11.309	ug/l	95
41) Tetrahydrofuran	5.061	42	19813	20.668	ug/l	96
42) 1-Chlorobutane	5.454	56	94133	9.414	ug/l	98
43) Dibromomethane	6.917	93	34141	10.752	ug/l	97
44) Bromodichloromethane	7.103	83	93423	10.560	ug/l #	99

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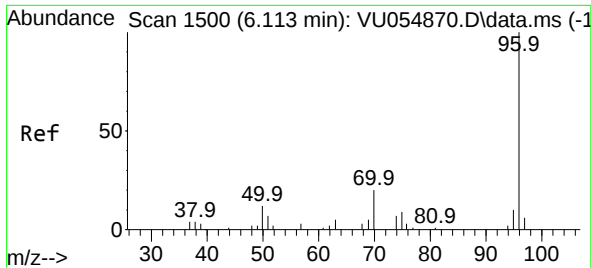
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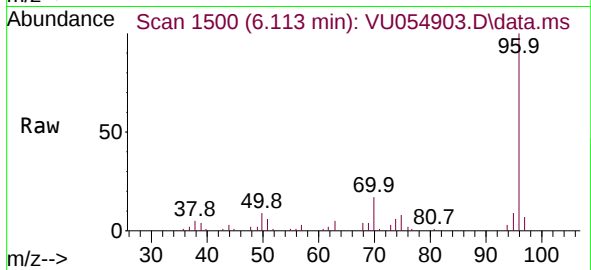
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	219629	59.277	ug/l	100
46) t-1,4-Dichloro-2-butene	10.833	75	30493m	20.454	ug/l	
47) Methyl methacrylate	6.959	69	68466	23.584	ug/l	99
48) Ethyl methacrylate	8.331	69	69387	11.817	ug/l	97
49) Toluene	7.965	92	154660	10.152	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	83017	10.569	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	96693	10.015	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	53809	10.689	ug/l	94
53) 1,3-Dichloropropane	8.573	76	89080	10.939	ug/l	96
54) 2-Hexanone	8.682	43	149409	56.750	ug/l	99
55) Dibromochloromethane	8.807	129	62981	10.919	ug/l	99
56) 1,2-Dibromoethane	8.920	107	48655	11.405	ug/l	98
58) Tetrachloroethene	8.550	164	58442	10.409	ug/l	98
59) Chlorobenzene	9.444	112	186222	10.073	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	68090	10.432	ug/l	96
61) Pentachloroethane	11.425	117	50907	9.984	ug/l	98
62) Hexachloroethane	12.473	117	55301	10.546	ug/l	97
63) Ethyl Benzene	9.566	91	319336	10.294	ug/l	99
64) m/p-Xylenes	9.692	106	241961	20.847	ug/l	100
65) o-Xylene	10.097	106	120488	10.107	ug/l	99
66) Styrene	10.113	104	204662	10.737	ug/l	99
67) Bromoform	10.290	173	36286	12.132	ug/l	100
69) Isopropylbenzene	10.483	105	328294	10.258	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	70358	11.292	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	46257m	10.422	ug/l	
72) Bromobenzene	10.778	156	76333	10.712	ug/l	99
73) n-propylbenzene	10.904	120	88137	10.290	ug/l	97
74) 2-Chlorotoluene	10.984	126	78128	10.537	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	273597	10.556	ug/l	100
76) 4-Chlorotoluene	11.093	126	81933	10.636	ug/l	98
77) tert-Butylbenzene	11.418	119	277844	10.308	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	283572	10.687	ug/l	100
79) sec-Butylbenzene	11.640	105	368469	10.516	ug/l	100
80) Nitrobenzene	13.206	77	9462	57.798	ug/l	99
81) p-Isopropyltoluene	11.791	119	300269	10.858	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	158958	10.478	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	159606	10.554	ug/l	99
84) n-Butylbenzene	12.206	91	262855	10.582	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	154125	10.599	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	10044	12.125	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	96214	10.374	ug/l	97
88) Hexachlorobutadiene	14.016	225	52574	10.628	ug/l	99
89) Naphthalene	14.084	128	151439	10.544	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	85272	10.362	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
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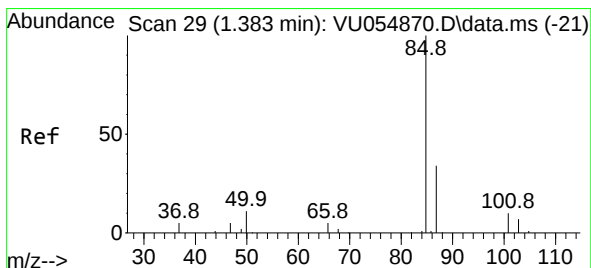
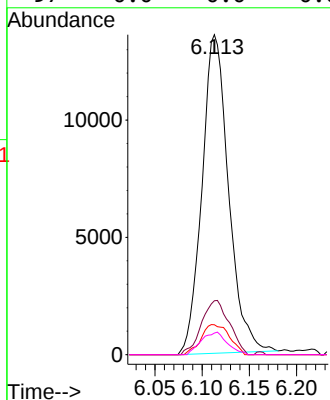
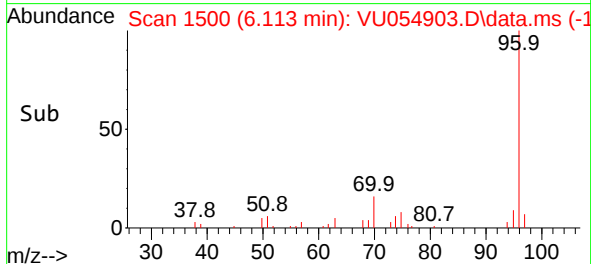
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



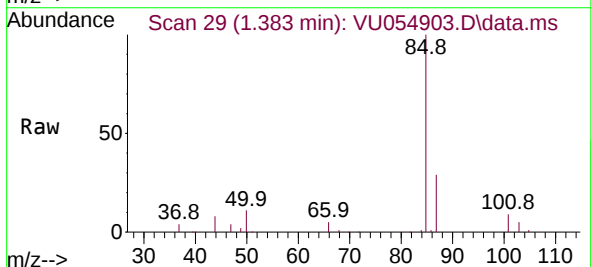
Tgt Ion: 96 Resp: 26552
Ion Ratio Lower Upper
96 100
70 17.8 14.0 21.0
95 10.1 8.7 13.1
97 0.0 0.0 0.0

Manual Integrations
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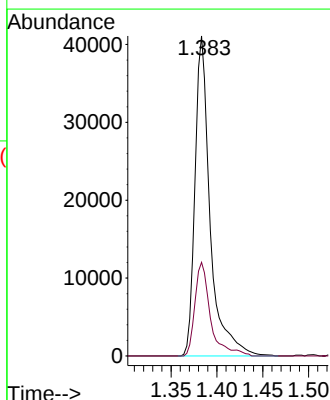
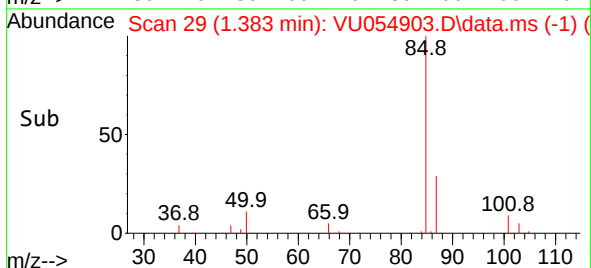
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

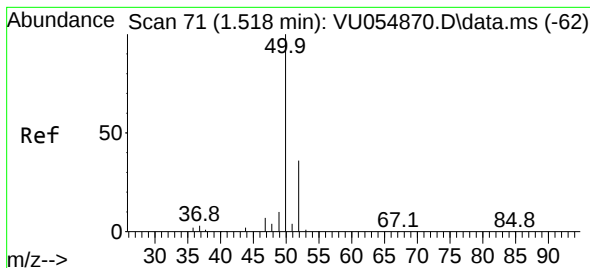


#2
Dichlorodifluoromethane
Concen: 9.303 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion: 85 Resp: 47037
Ion Ratio Lower Upper
85 100
87 29.3 16.2 48.6





#3

Chloromethane

Concen: 9.454 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 53700

Ion Ratio Lower Upper

50 100

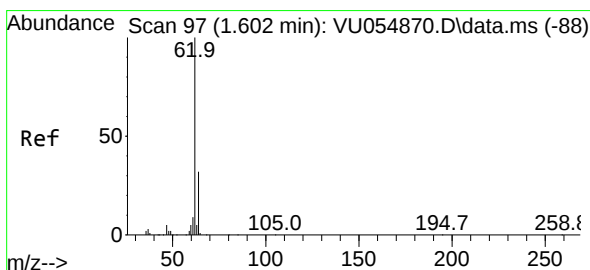
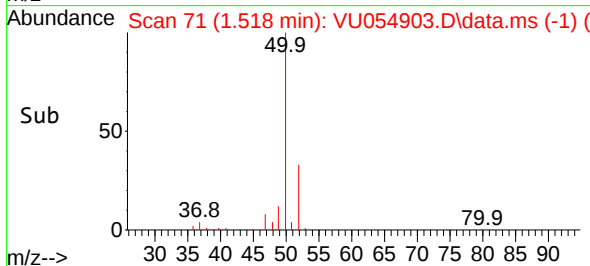
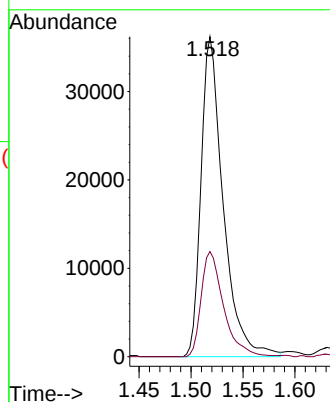
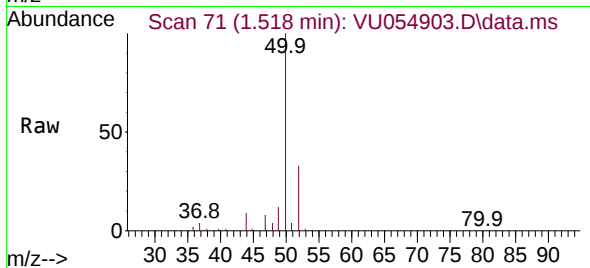
52 32.9 28.2 42.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.616 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU054903.D

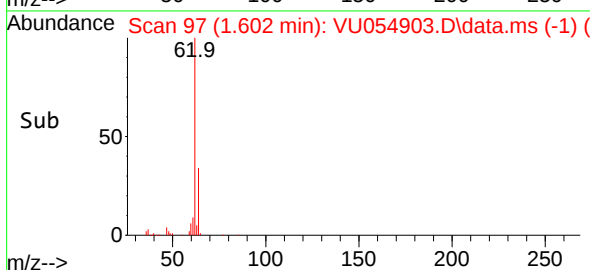
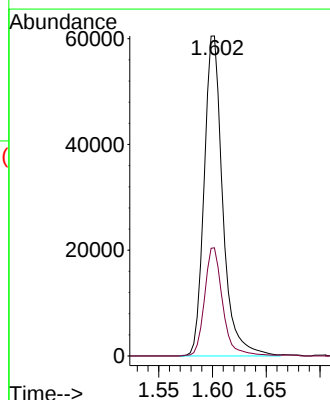
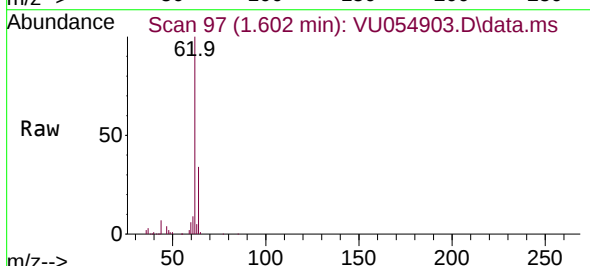
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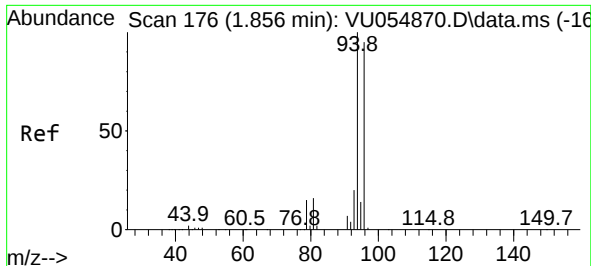
Tgt Ion: 62 Resp: 72940

Ion Ratio Lower Upper

62 100

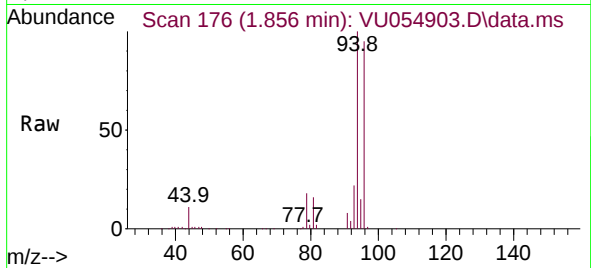
64 33.8 26.4 39.6





#5
Bromomethane
Concen: 8.873 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

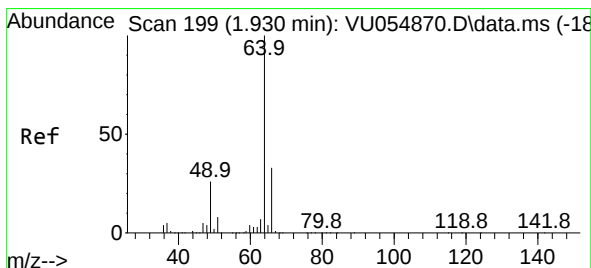
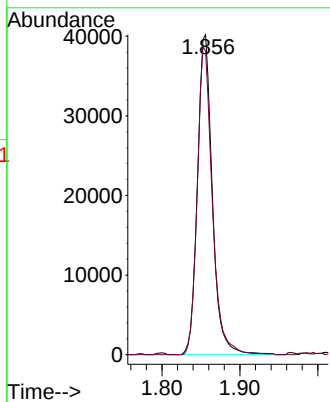
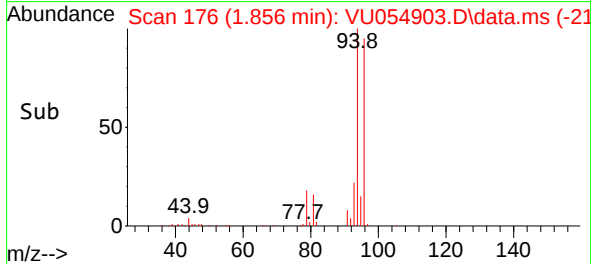
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 53398
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

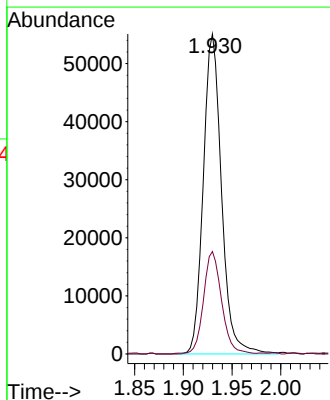
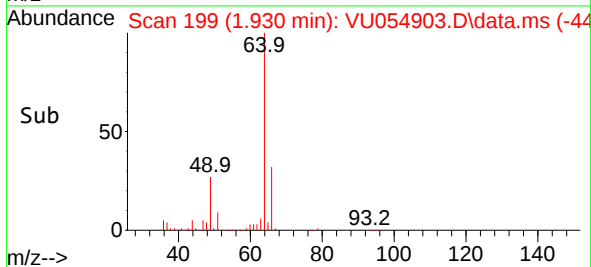
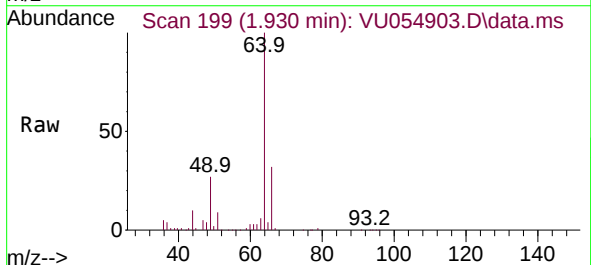
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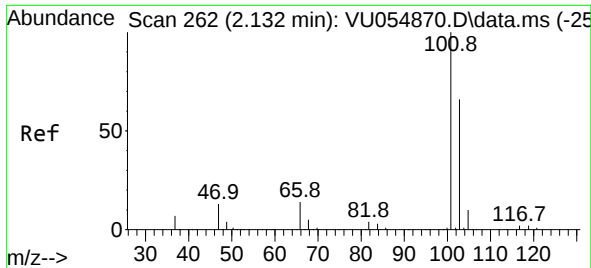
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 9.135 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054903.D
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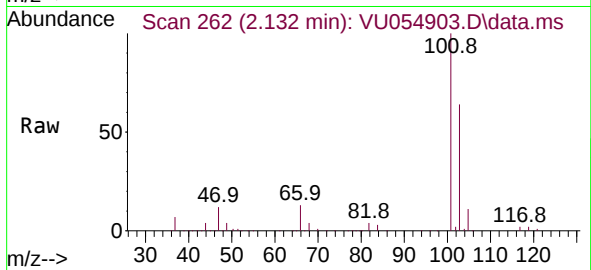
Tgt Ion: 64 Resp: 71616
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 8.448 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

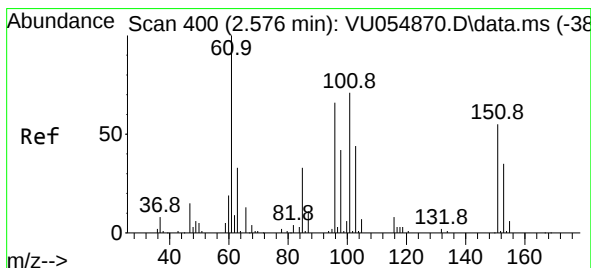
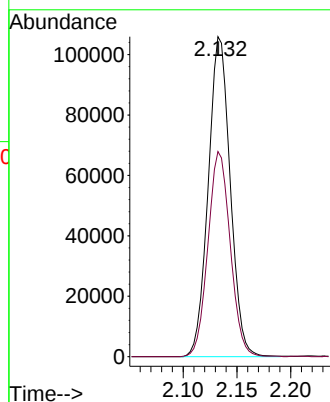
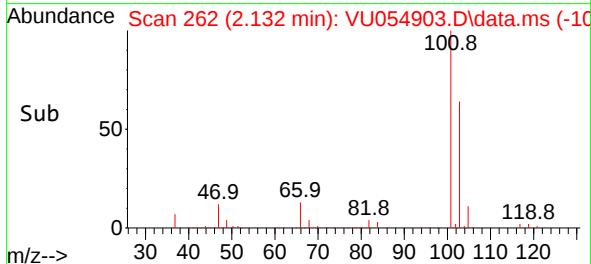
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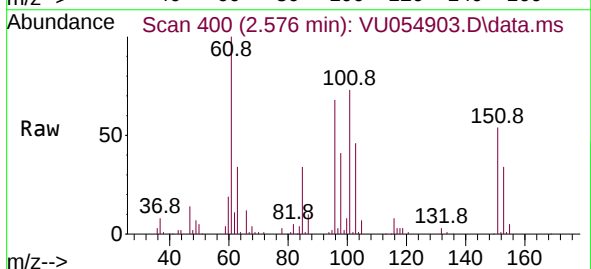
Tgt Ion:101 Resp: 15054
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.9 79.3

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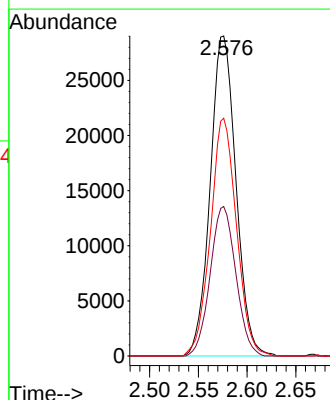
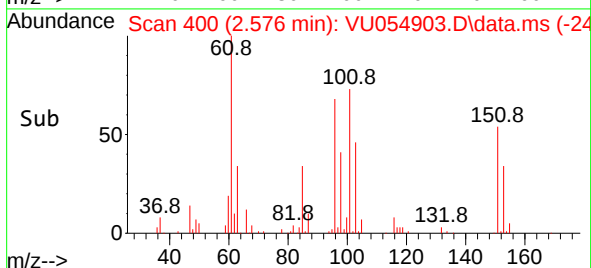
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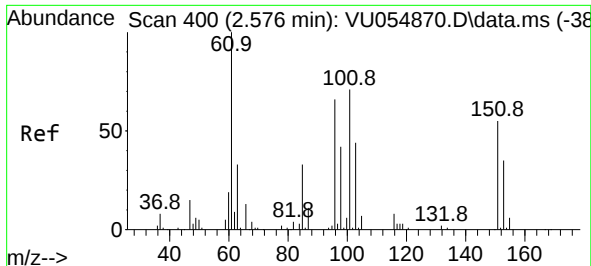


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.242 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56



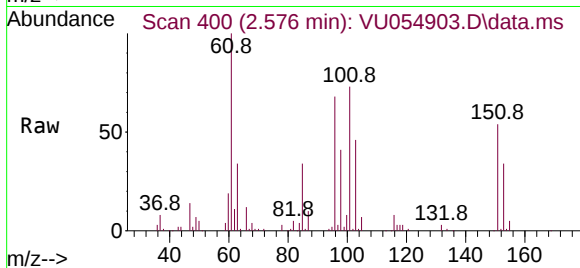
Tgt Ion:101 Resp: 53375
 Ion Ratio Lower Upper
 101 100
 85 46.5 34.8 52.2
 151 75.1 60.5 90.7





#9
1,1-Dichloroethene
Concen: 9.626 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

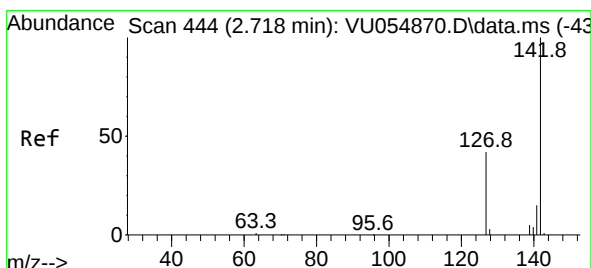
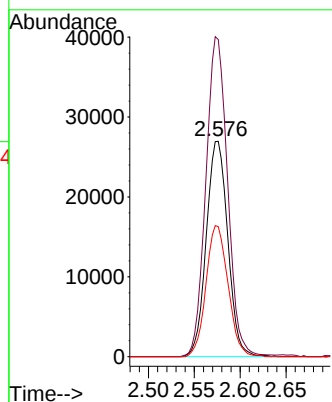
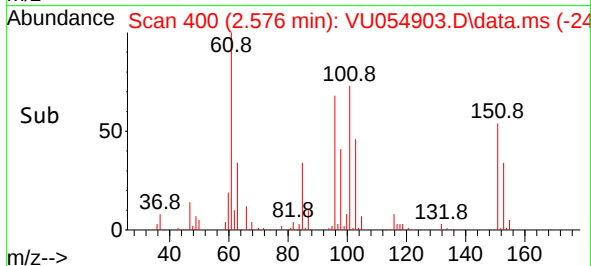
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 44128
Ion Ratio Lower Upper
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98 60.4 0.0 121.8

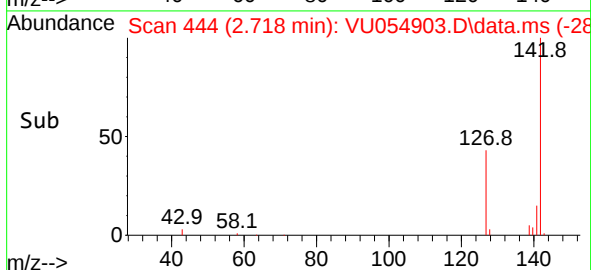
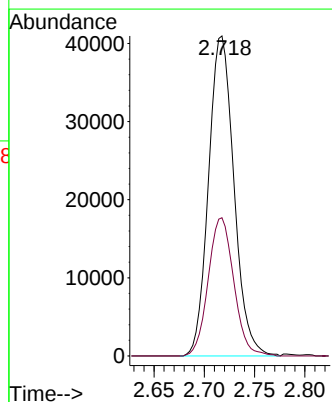
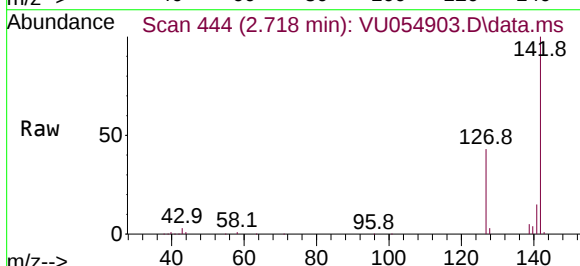
Manual Integrations
APPROVED

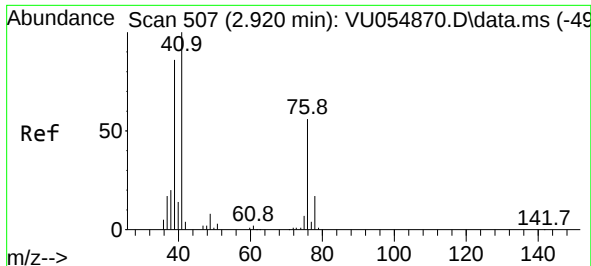
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 10.055 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

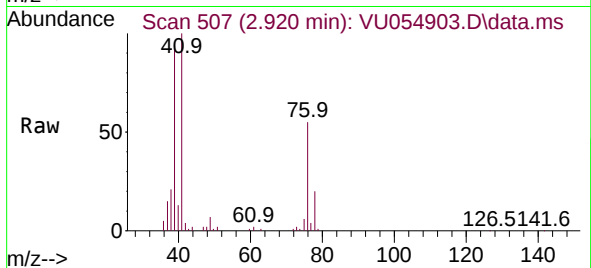
Tgt Ion:142 Resp: 71959
Ion Ratio Lower Upper
142 100
127 43.5 34.3 51.5





#11
 Allyl Chloride
 Concen: 9.045 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

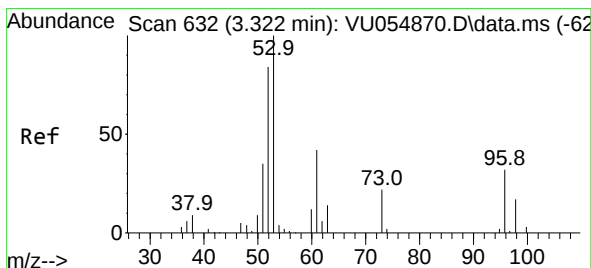
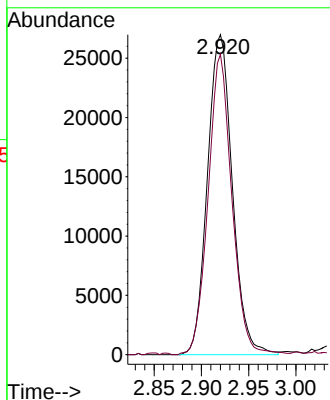
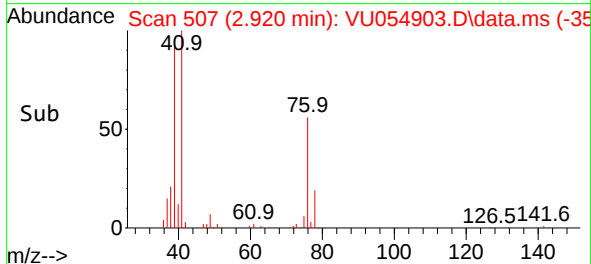
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 4955
 Ion Ratio Lower Upper
 41 100
 39 89.3 70.2 105.2

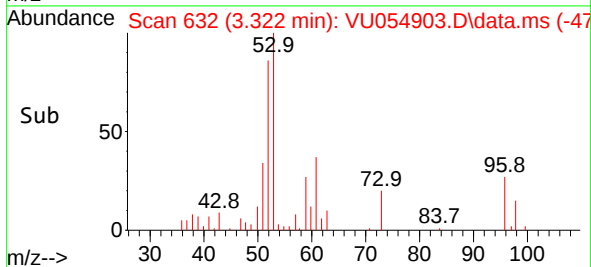
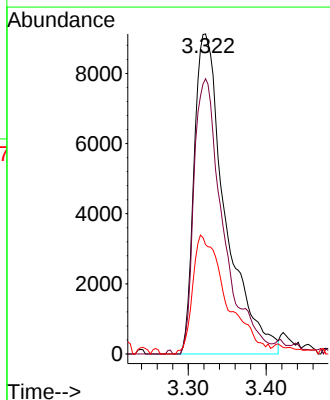
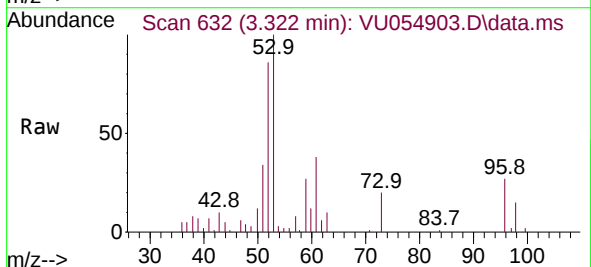
Manual Integrations
 APPROVED

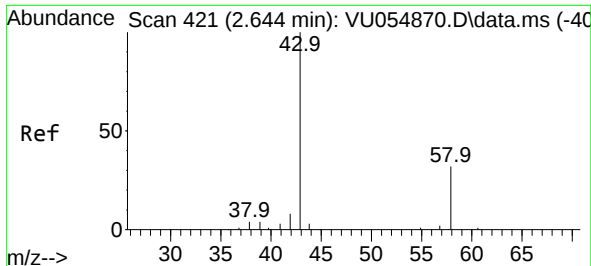
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 21.976 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

Tgt Ion: 53 Resp: 25282
 Ion Ratio Lower Upper
 53 100
 52 80.9 64.2 96.4
 51 40.5 33.6 50.4





#13

Acetone

Concen: 39.783 ug/l m

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 4783

Ion Ratio Lower Upper

43 100

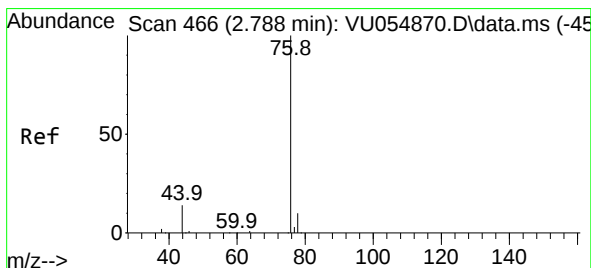
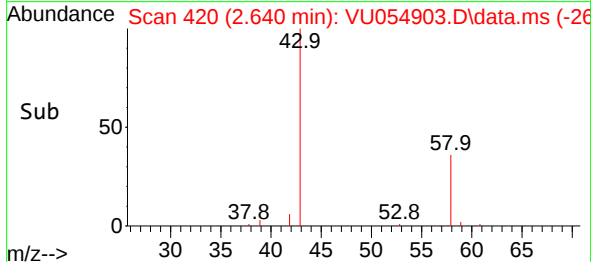
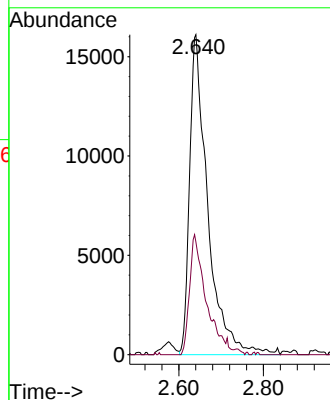
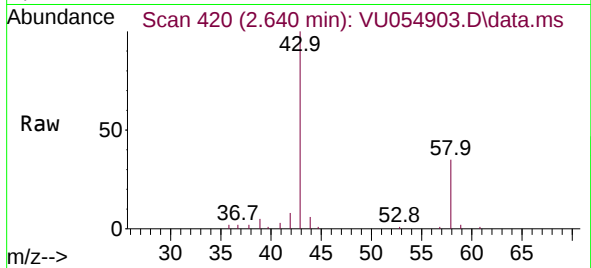
58 35.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 8.669 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU054903.D

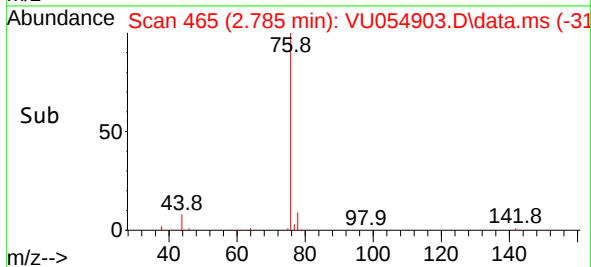
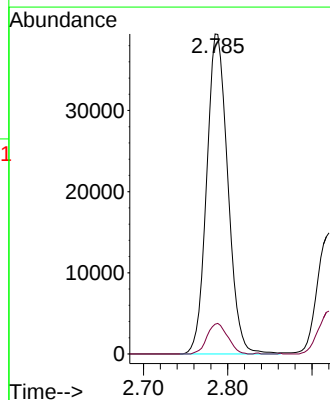
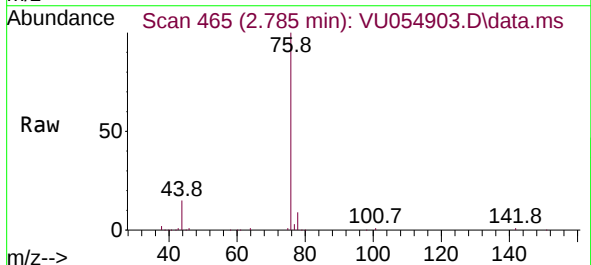
Acq: 27 Jul 2023 18:56

Tgt Ion: 76 Resp: 68849

Ion Ratio Lower Upper

76 100

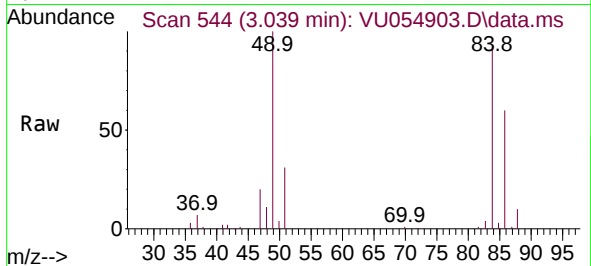
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 11.127 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

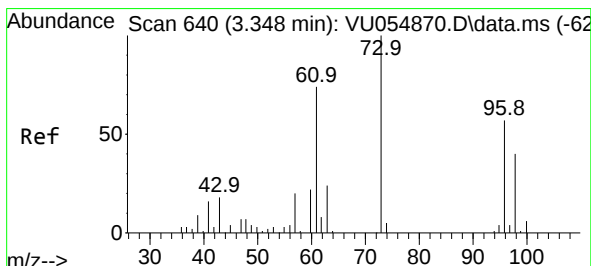
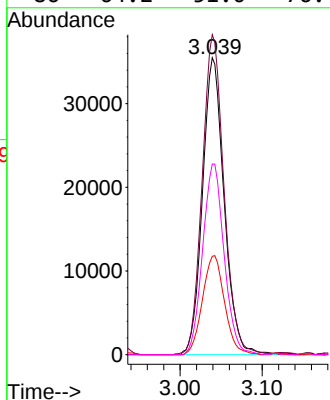
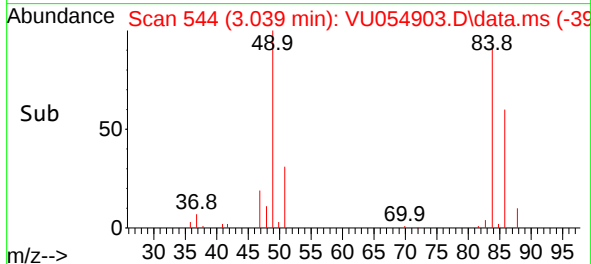
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 6506
Ion Ratio Lower Upper
84 100
49 107.4 87.8 131.6
51 33.2 0.0 68.2
86 64.2 51.0 76.4

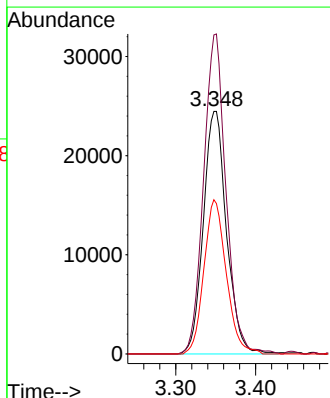
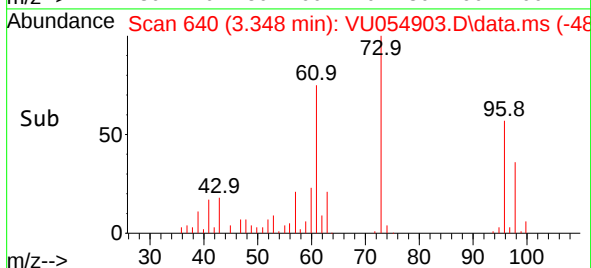
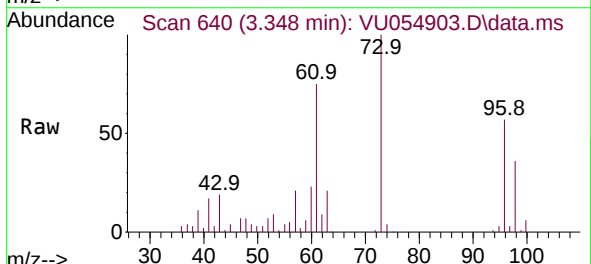
Manual Integrations
APPROVED

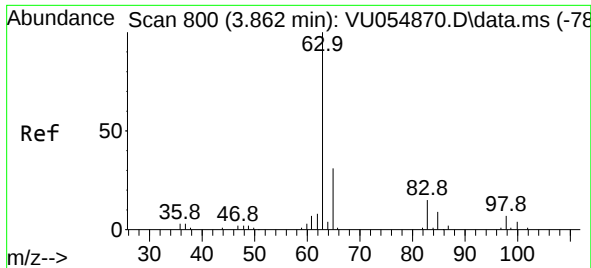
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 9.910 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion: 96 Resp: 49455
Ion Ratio Lower Upper
96 100
61 131.5 96.4 144.6
98 63.6 49.3 73.9





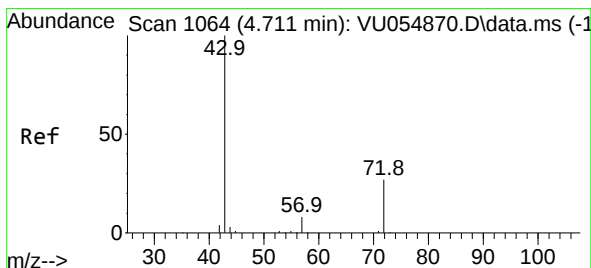
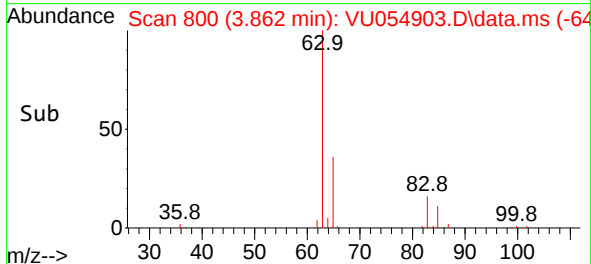
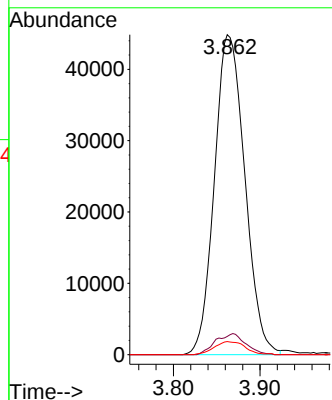
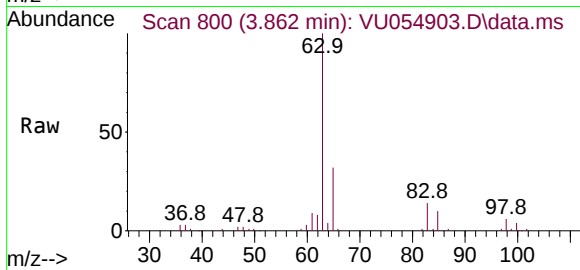
#17
1,1-Dichloroethane
Concen: 9.807 ug/l
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 10946
Ion Ratio Lower Upper
63 100
98 5.7 3.6 10.8
100 4.4 2.8 8.4

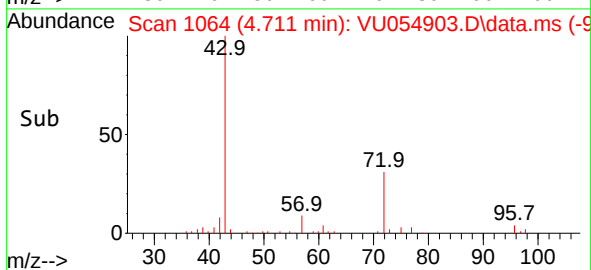
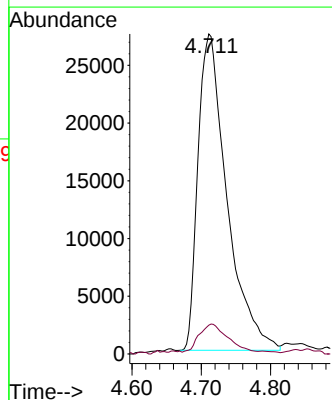
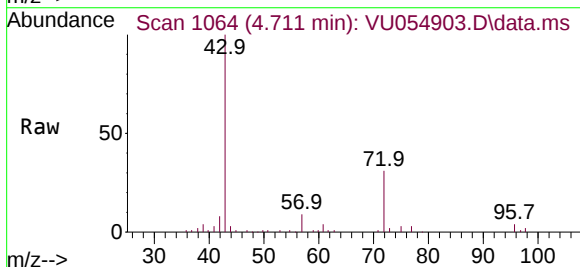
Manual Integrations
APPROVED

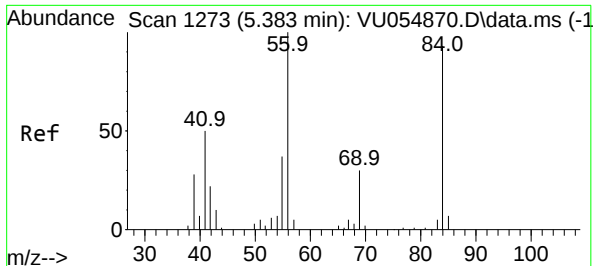
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 52.489 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion: 43 Resp: 79619
Ion Ratio Lower Upper
43 100
57 8.7 0.0 20.8





#19

Cyclohexane

Concen: 10.348 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 6498

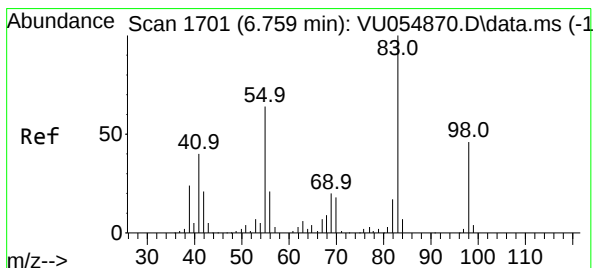
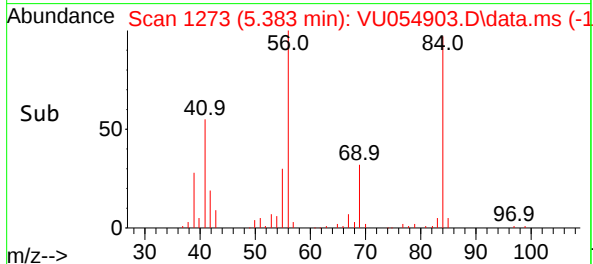
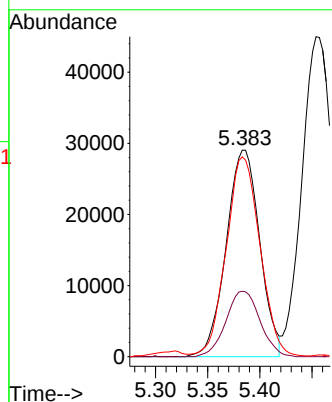
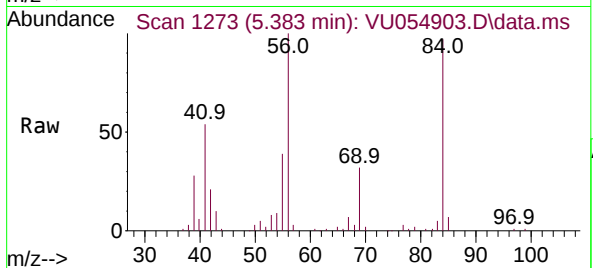
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.7	37.1
84	95.3	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 9.442 ug/l

RT: 6.759 min Scan# 1701

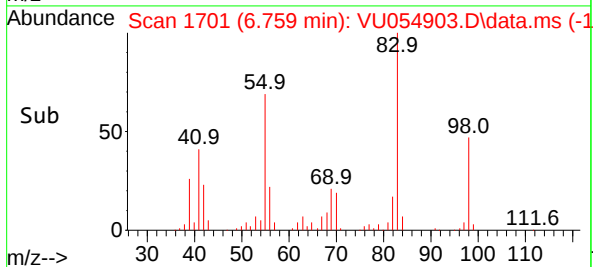
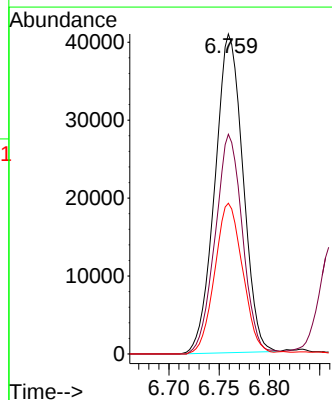
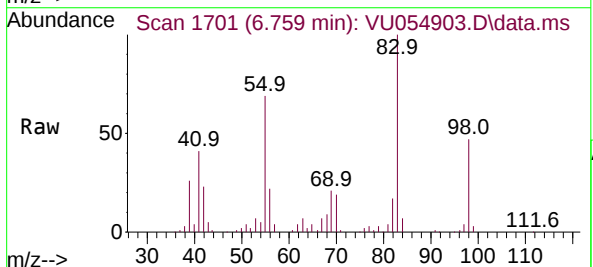
Delta R.T. -0.000 min

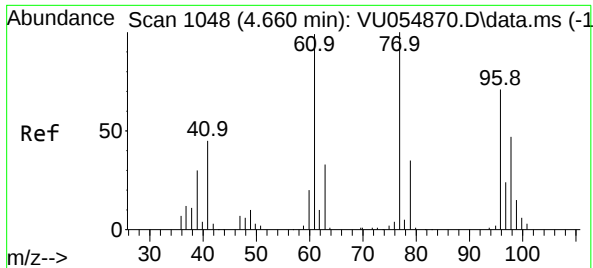
Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Tgt Ion: 83 Resp: 79293

Ion	Ratio	Lower	Upper
83	100		
55	66.3	51.6	77.4
98	46.5	38.2	57.2





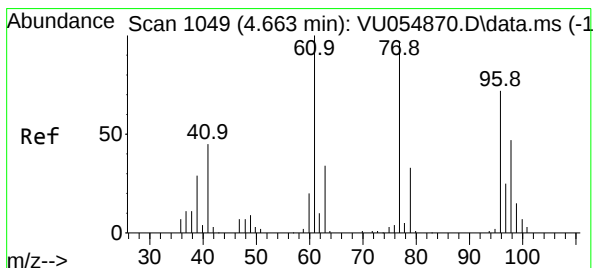
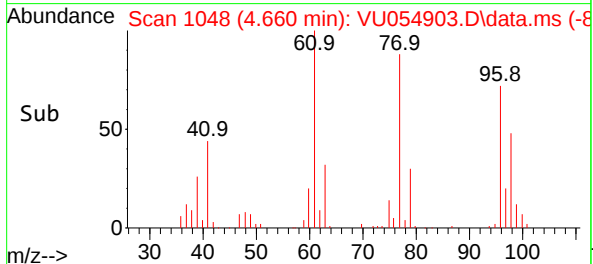
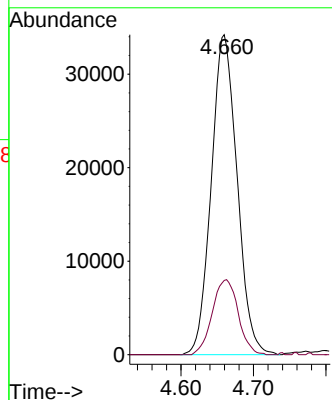
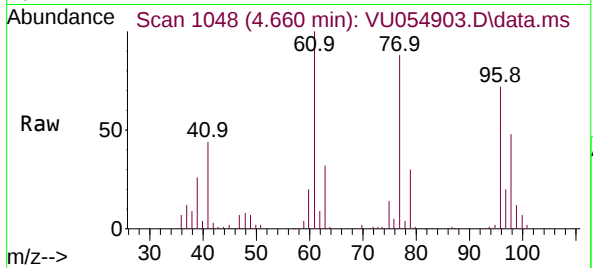
#21
2,2-Dichloropropane
Concen: 8.181 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 8464
Ion Ratio Lower Upper
77 100
97 23.5 18.0 27.0

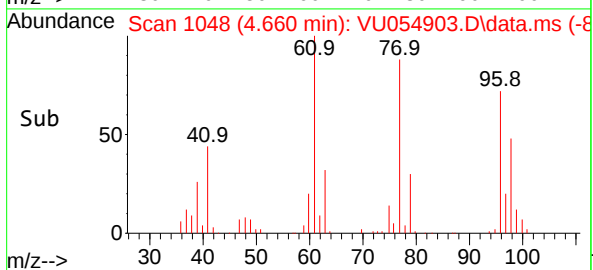
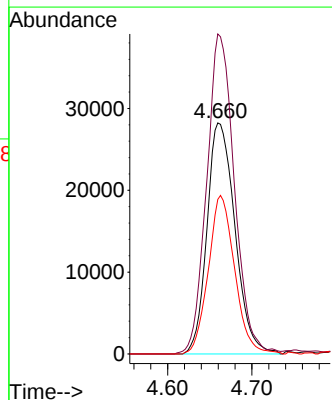
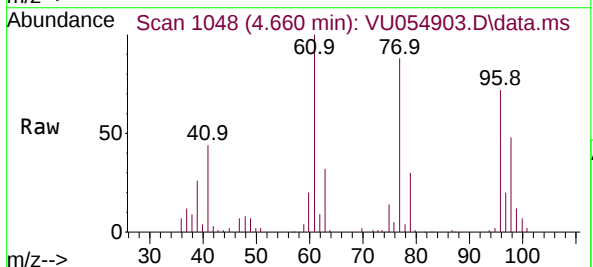
Manual Integrations
APPROVED

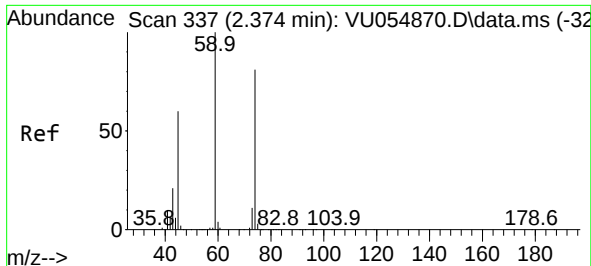
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 9.840 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

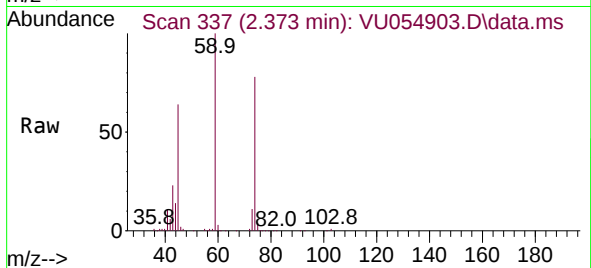
Tgt Ion: 96 Resp: 65262
Ion Ratio Lower Upper
96 100
61 137.0 0.0 332.0
98 64.6 32.5 97.5





#23
Diethyl Ether
Concen: 10.056 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

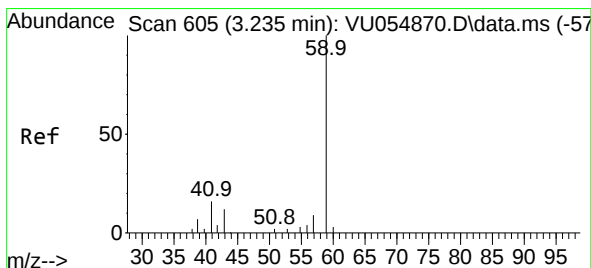
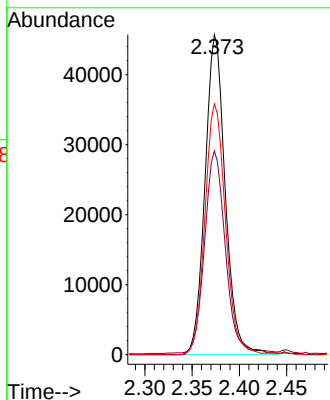
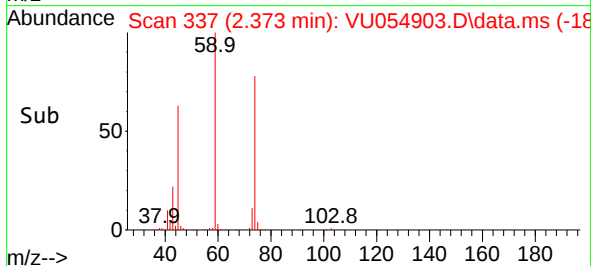
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 68009
Ion Ratio Lower Upper
59 100
45 65.4 51.4 77.0
74 79.5 63.1 94.7

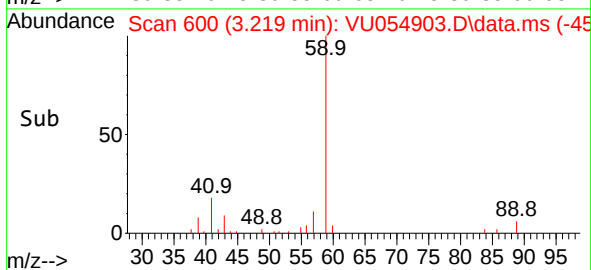
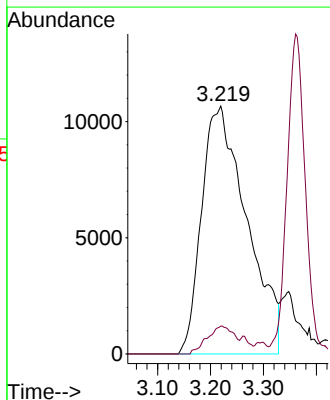
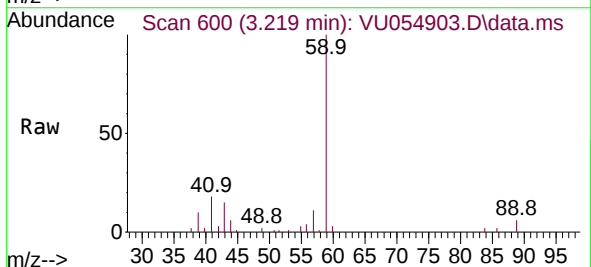
Manual Integrations
APPROVED

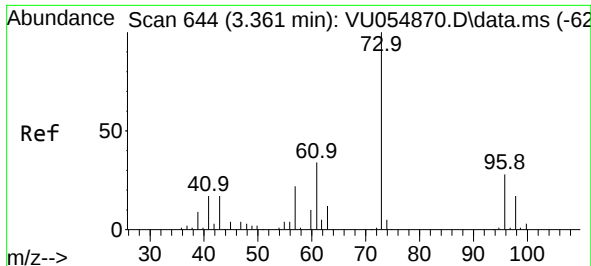
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 100.318 ug/l m
RT: 3.219 min Scan# 600
Delta R.T. -0.016 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

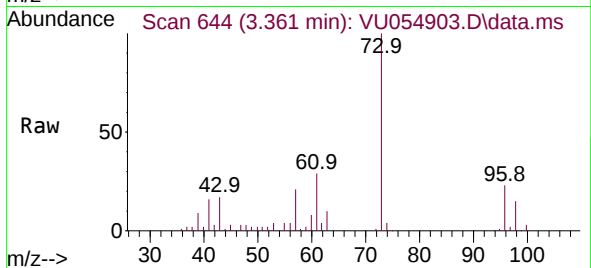
Tgt Ion: 59 Resp: 63118
Ion Ratio Lower Upper
59 100
57 6.7 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 10.832 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

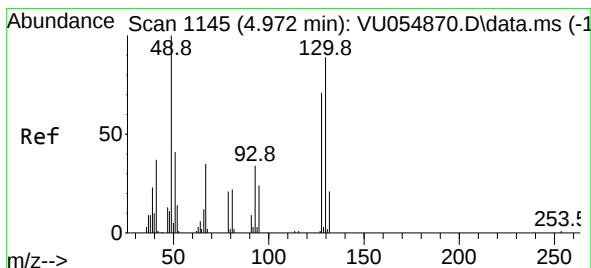
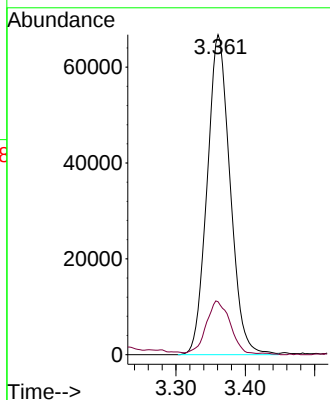
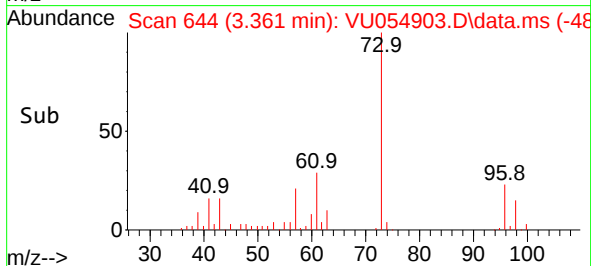
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 153660
Ion Ratio Lower Upper
73 100
43 16.7 14.6 22.0

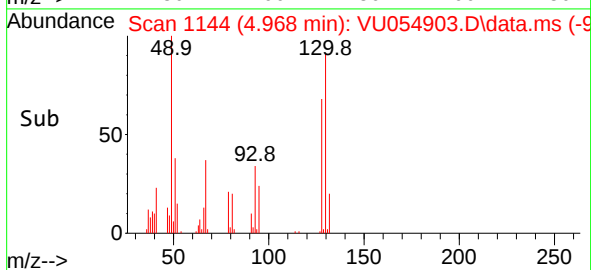
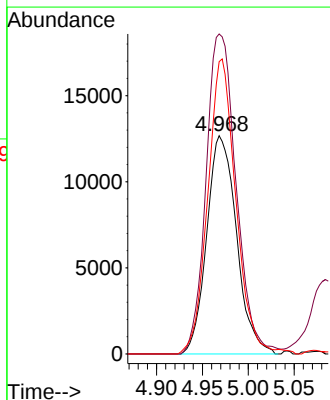
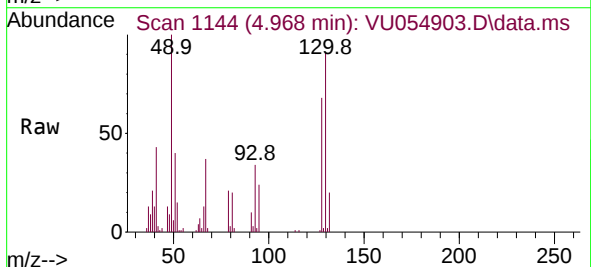
Manual Integrations
APPROVED

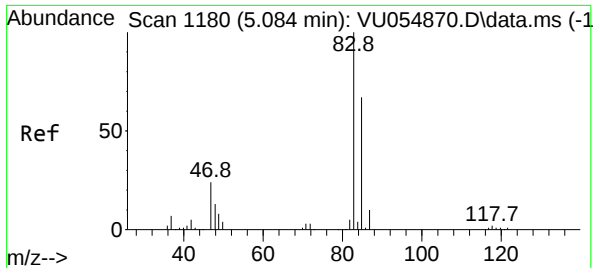
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 10.538 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion:128 Resp: 28662
Ion Ratio Lower Upper
128 100
49 147.9 0.0 304.0
130 127.9 104.3 156.5





#27

Chloroform

Concen: 10.333 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 123858

Ion Ratio Lower Upper

83 100

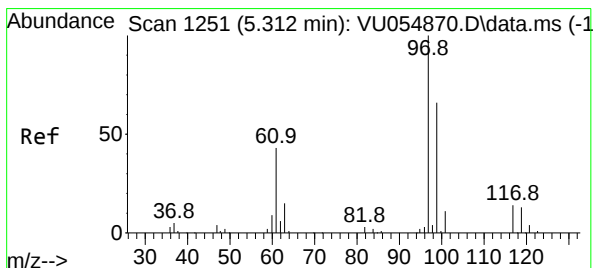
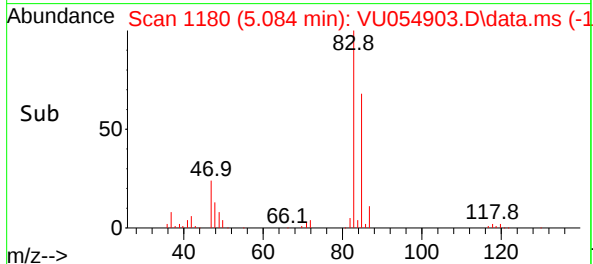
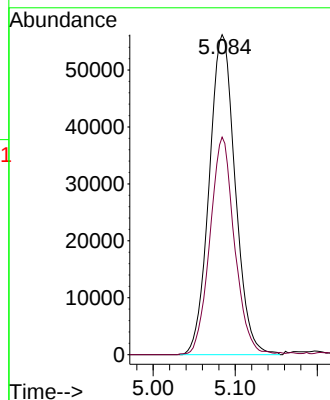
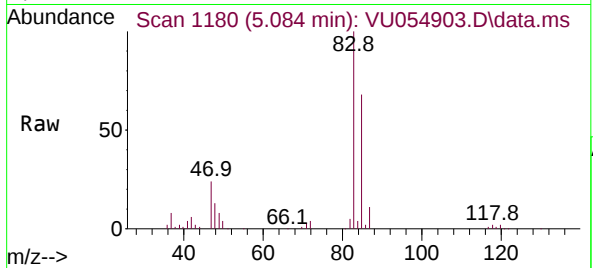
85 67.8 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 9.614 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

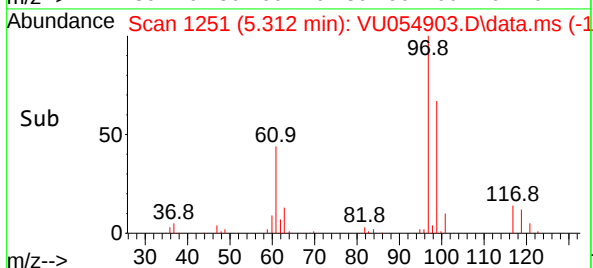
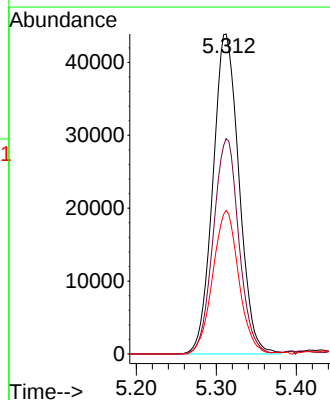
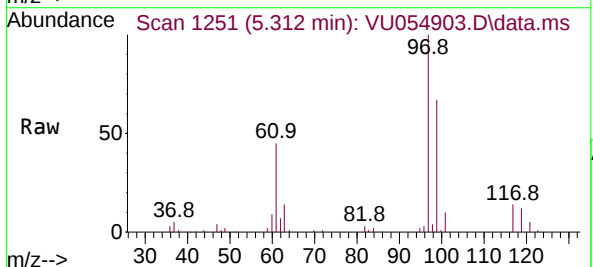
Tgt Ion: 97 Resp: 99529

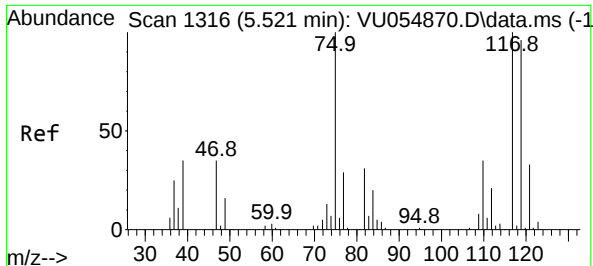
Ion Ratio Lower Upper

97 100

99 66.1 32.0 96.2

61 44.7 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.488 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 72459

Ion Ratio Lower Upper

75 100

110 35.2 18.5 55.5

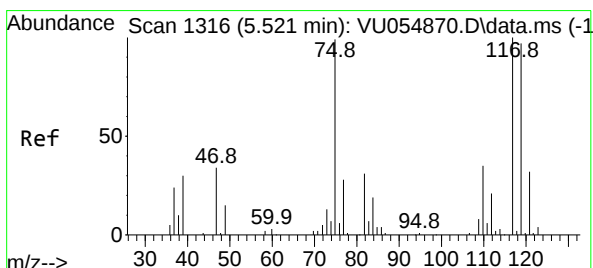
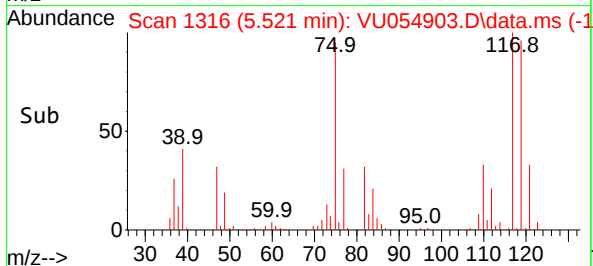
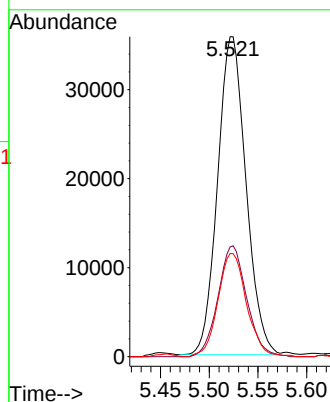
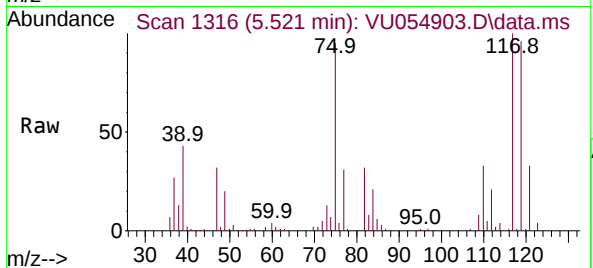
77 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 9.696 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

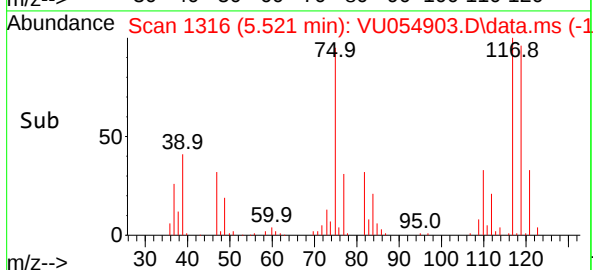
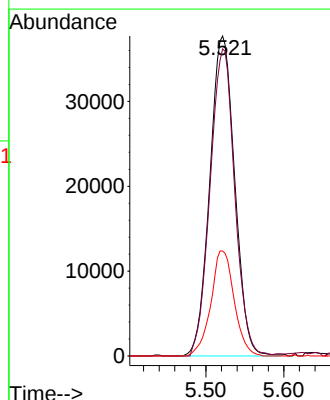
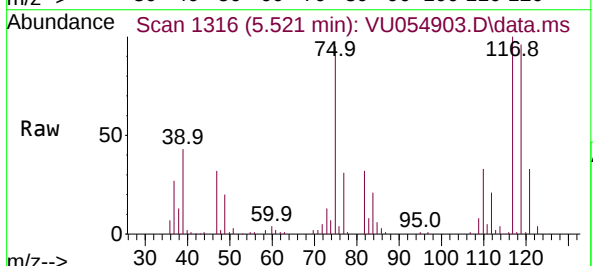
Tgt Ion:117 Resp: 83792

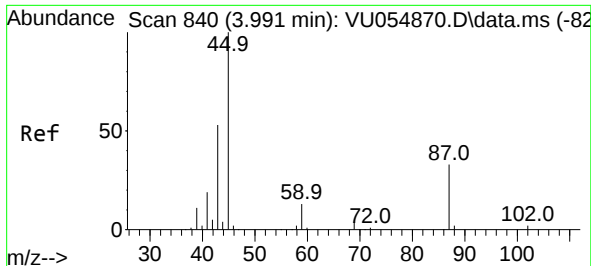
Ion Ratio Lower Upper

117 100

119 96.0 75.6 113.4

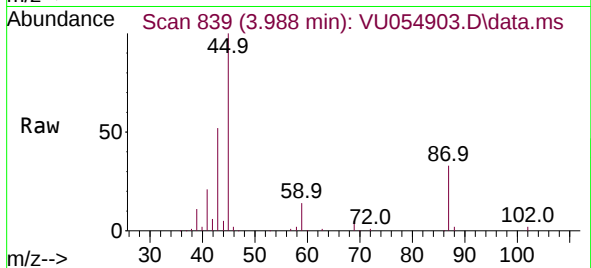
121 32.8 23.4 35.0





#31
Isopropyl Ether
Concen: 9.976 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

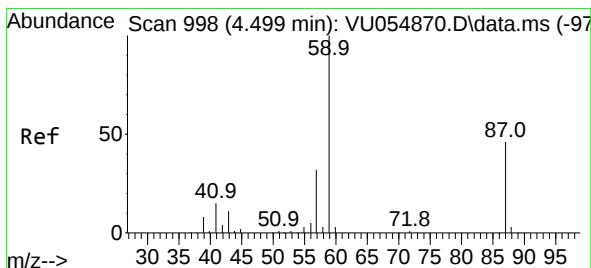
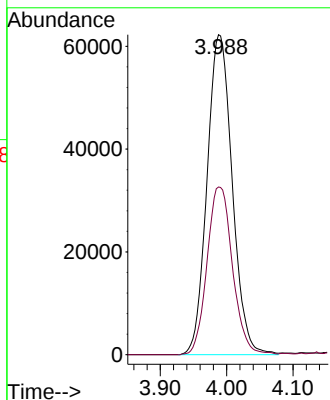
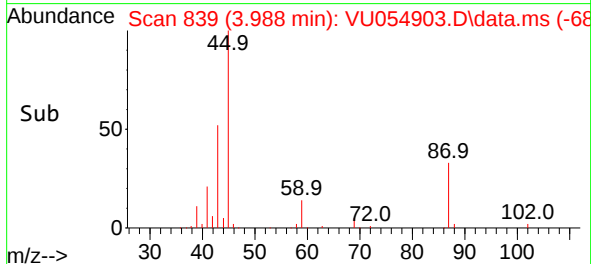
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



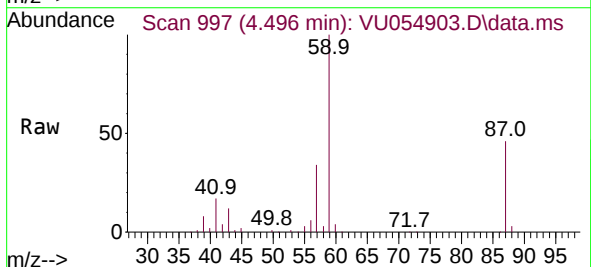
Tgt Ion: 45 Resp: 164349
Ion Ratio Lower Upper
45 100
43 53.0 26.4 79.2

Manual Integrations
APPROVED

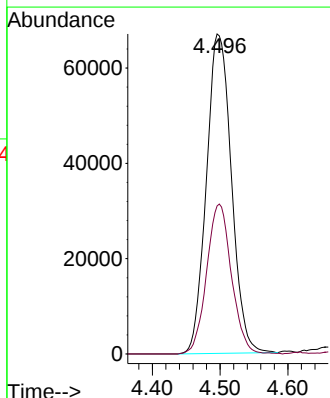
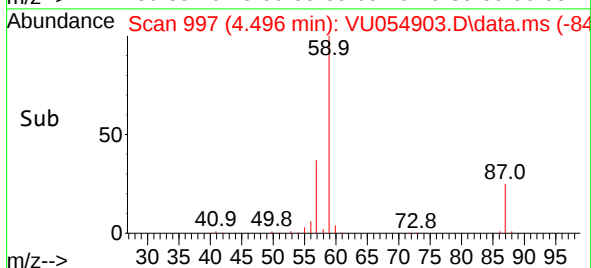
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

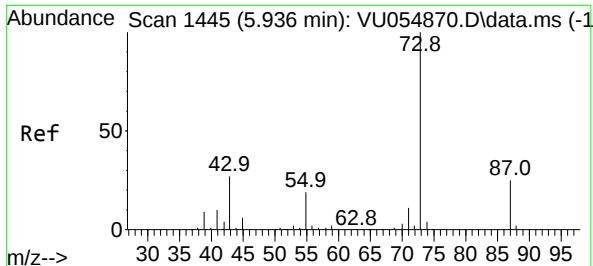


#32
Ethyl-t-butyl ether
Concen: 10.141 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion: 59 Resp: 172023
Ion Ratio Lower Upper
59 100
87 45.9 35.7 53.5





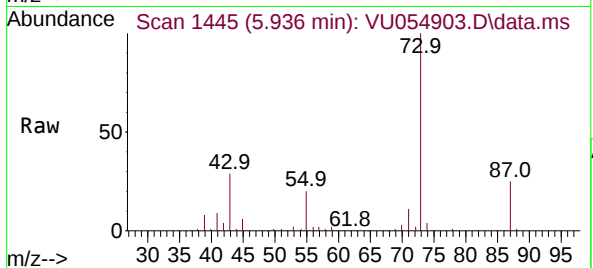
#33
Tert-Amyl methyl ether
Concen: 10.480 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



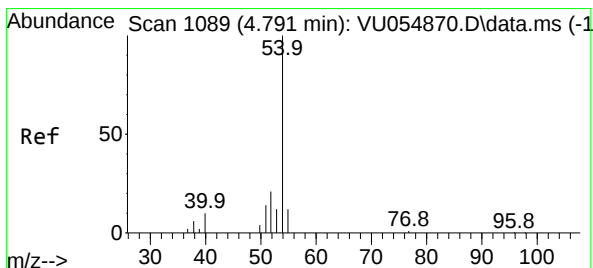
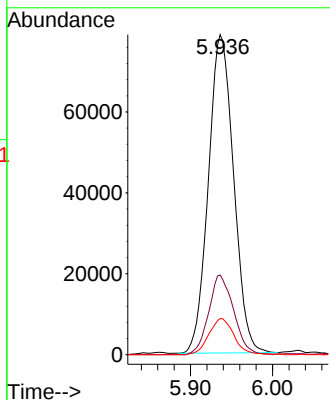
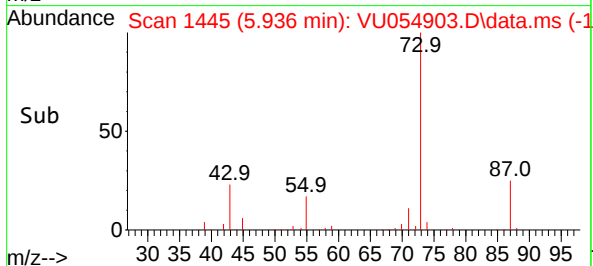
Tgt Ion: 73 Resp: 168075
Ion Ratio Lower Upper
73 100
87 24.5 19.6 29.4
71 11.3 9.1 13.7

Manual Integrations

APPROVED

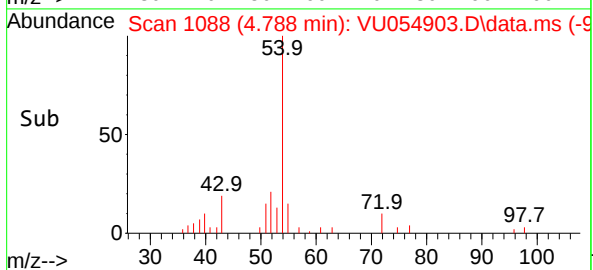
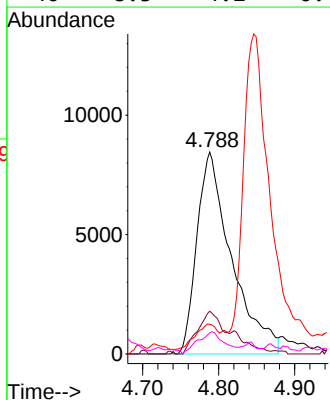
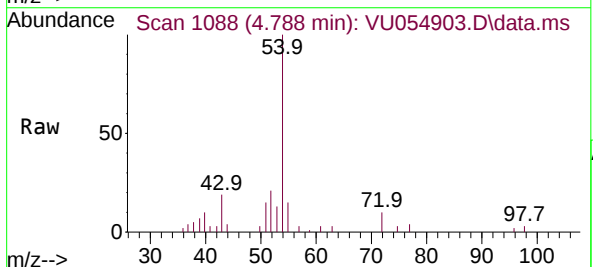
Reviewed By :John Carlone 07/28/2023

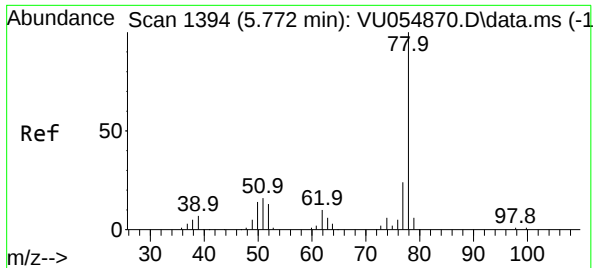
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 63.913 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion: 54 Resp: 26728
Ion Ratio Lower Upper
54 100
52 15.1 13.8 20.8
55 7.8 4.8 7.2#
40 8.3 4.2 6.4#





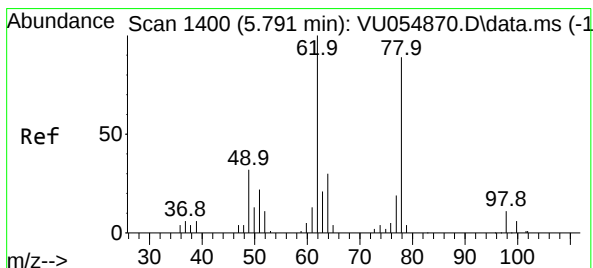
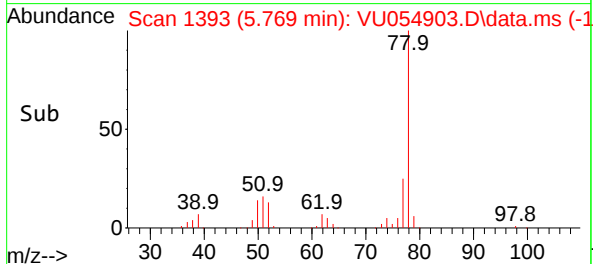
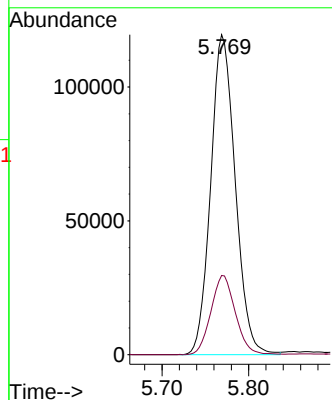
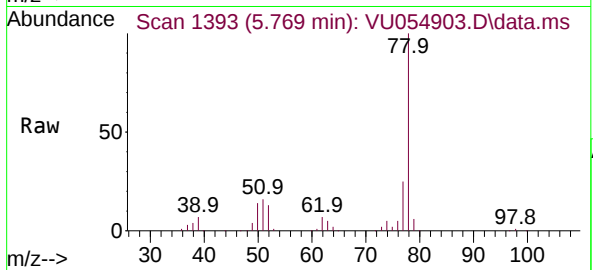
#35
Benzene
Concen: 9.853 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 235630
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2

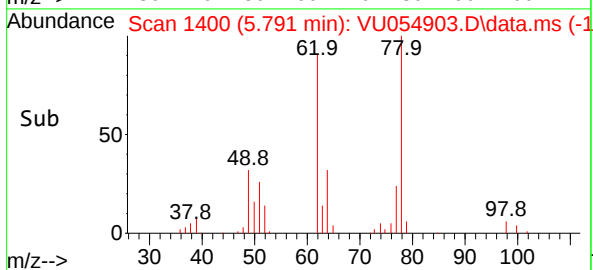
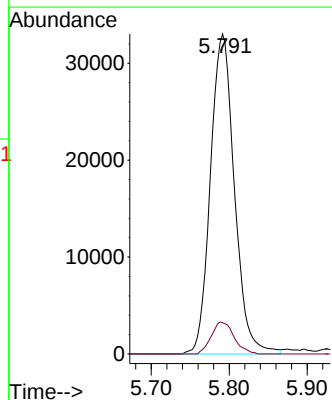
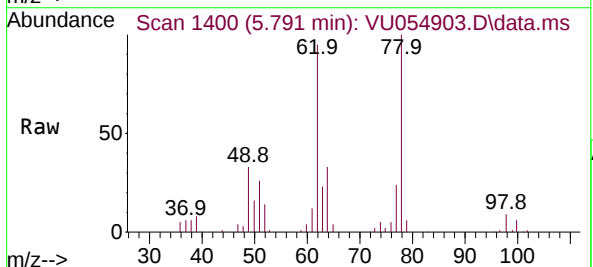
Manual Integrations
APPROVED

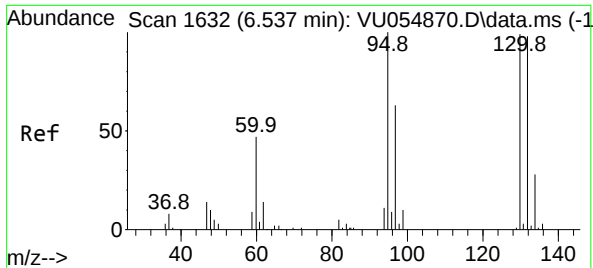
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 10.384 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion: 62 Resp: 70643
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#37

Trichloroethene

Concen: 10.159 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 6534

Ion Ratio Lower Upper

130 100

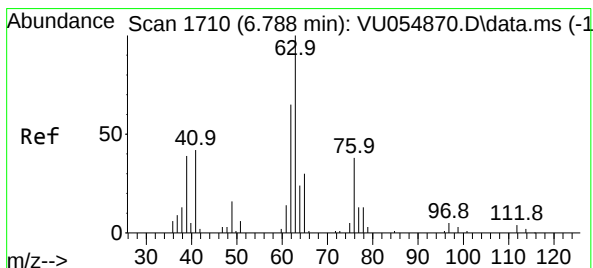
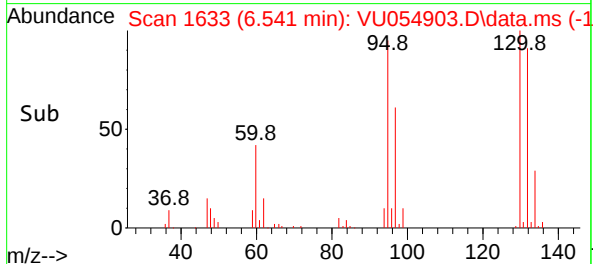
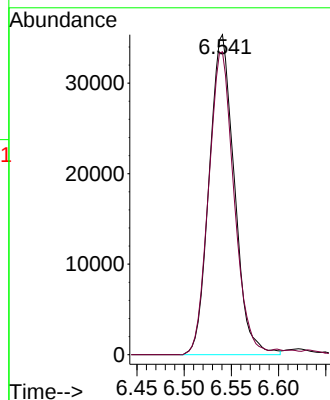
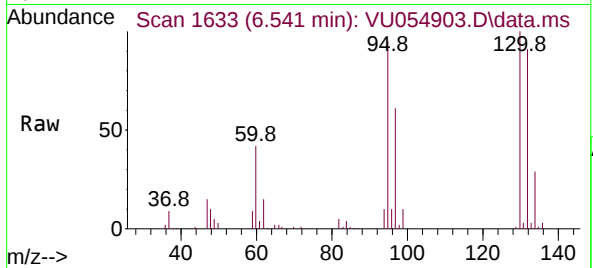
95 94.6 76.8 115.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

1,2-Dichloropropane

Concen: 10.164 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. -0.000 min

Lab File: VU054903.D

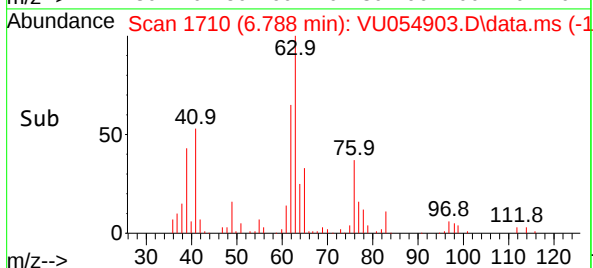
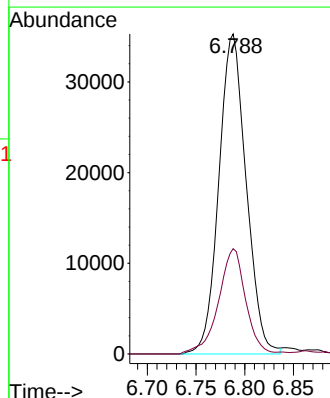
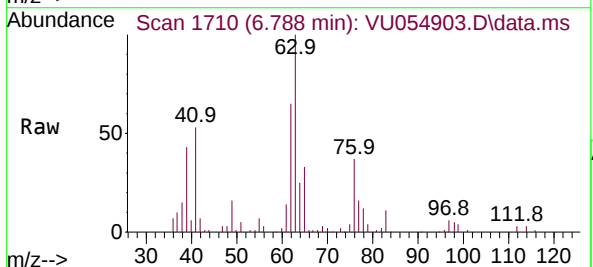
Acq: 27 Jul 2023 18:56

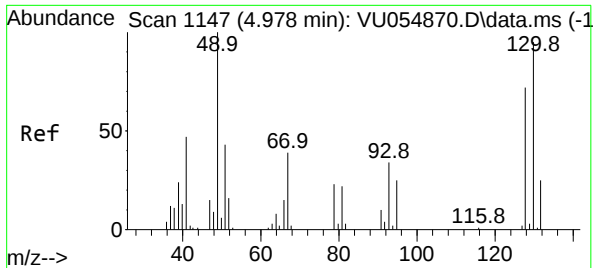
Tgt Ion: 63 Resp: 68711

Ion Ratio Lower Upper

63 100

65 32.9 24.3 36.5





#39

Methacrylonitrile

Concen: 10.681 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 1790

Ion Ratio Lower Upper

41 100

67 97.2 77.0 115.4

39 59.7 50.4 75.6

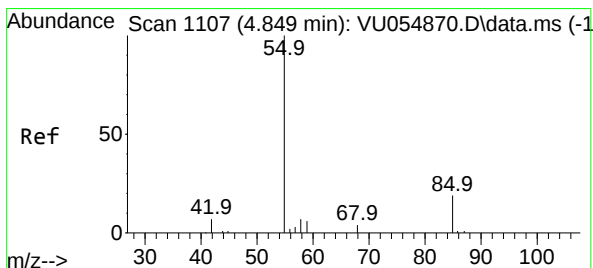
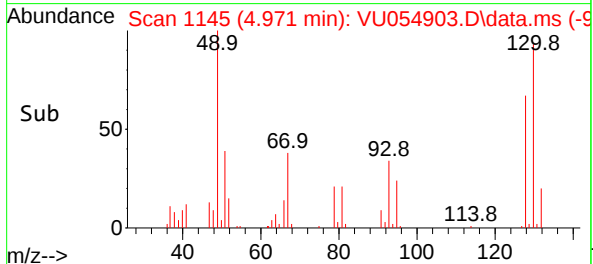
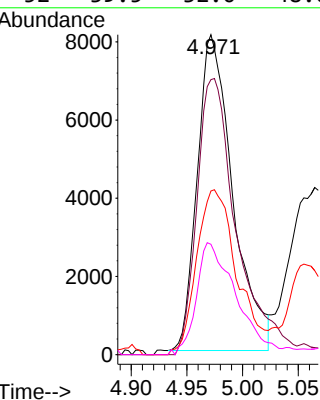
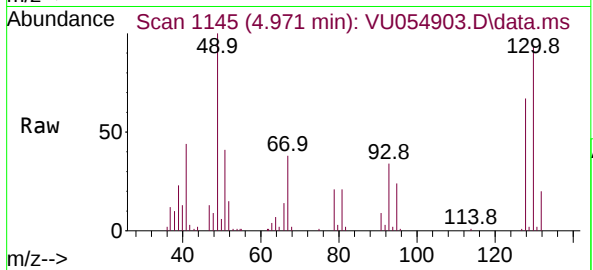
52 39.5 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 11.309 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Tgt Ion: 55 Resp: 30148

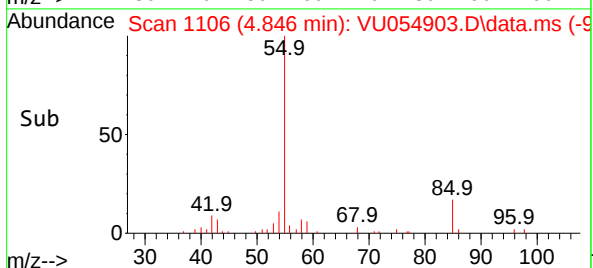
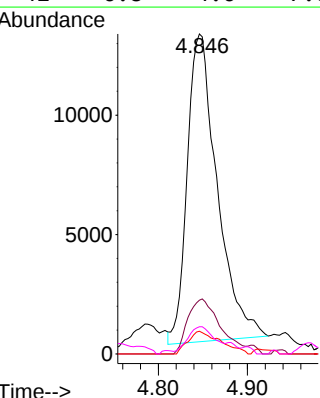
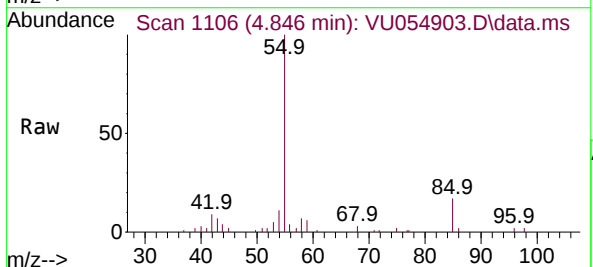
Ion Ratio Lower Upper

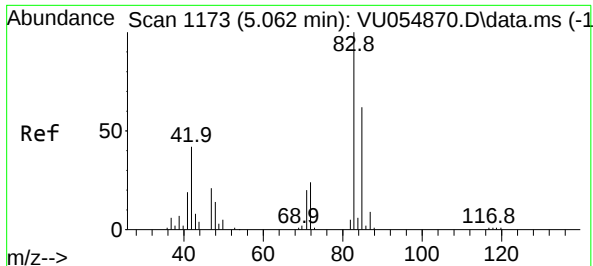
55 100

85 19.3 13.0 19.6

58 8.0 5.7 8.5

42 6.8 4.6 7.0





#41

Tetrahydrofuran

Concen: 20.668 ug/l

RT: 5.061 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

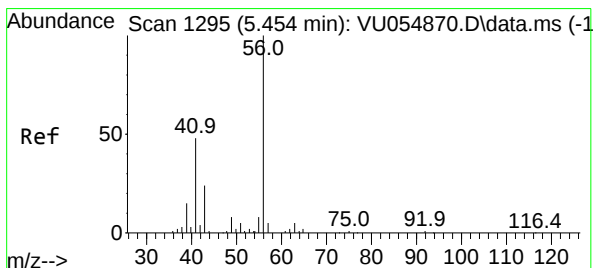
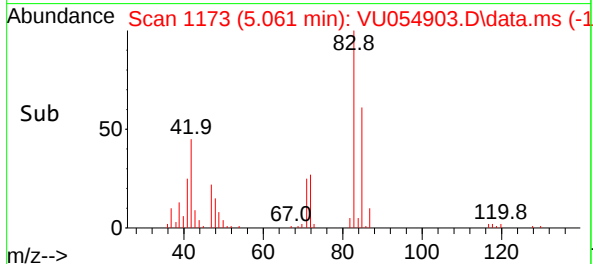
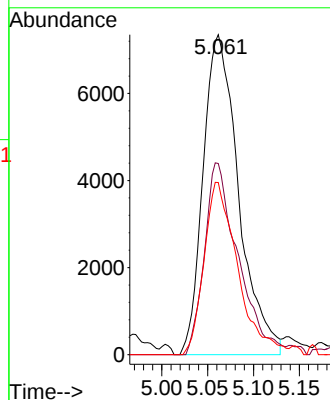
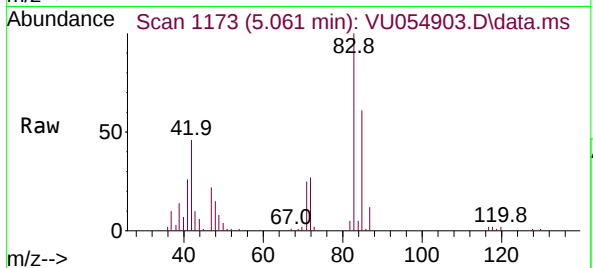
Tgt Ion:	42	Resp:	1981
Ion	Ratio	Lower	Upper
42	100		
72	56.7	42.1	63.1
71	50.9	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 9.414 ug/l

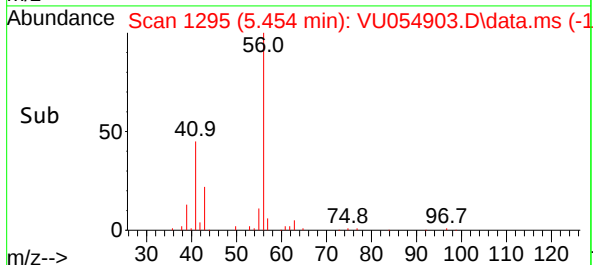
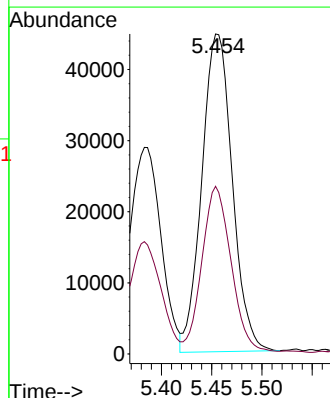
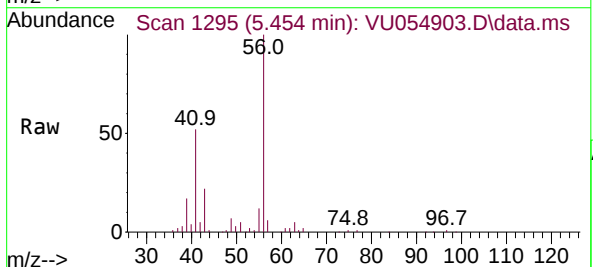
RT: 5.454 min Scan# 1295

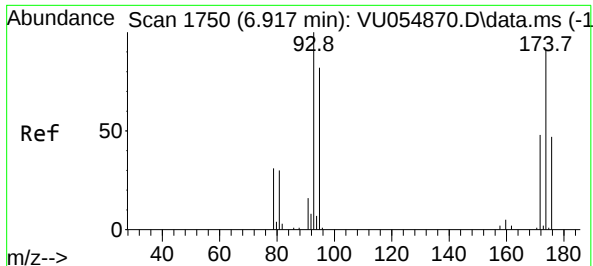
Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

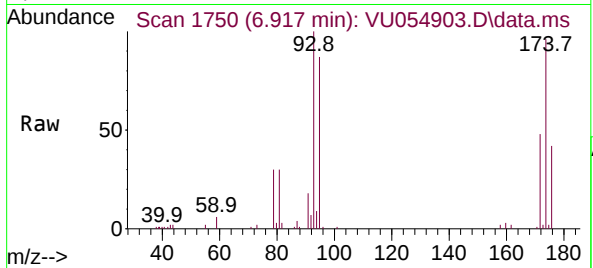
Tgt Ion:	56	Resp:	94133
Ion	Ratio	Lower	Upper
56	100		
41	49.3	23.9	71.7





#43
Dibromomethane
Concen: 10.752 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

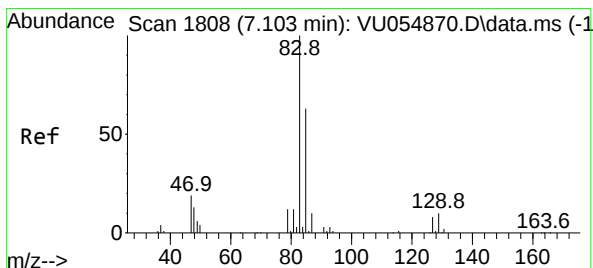
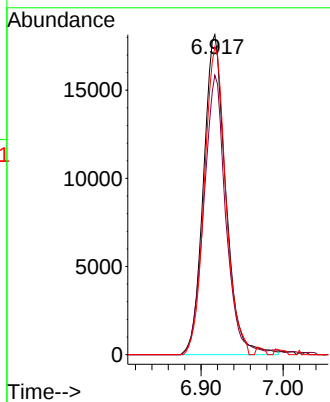
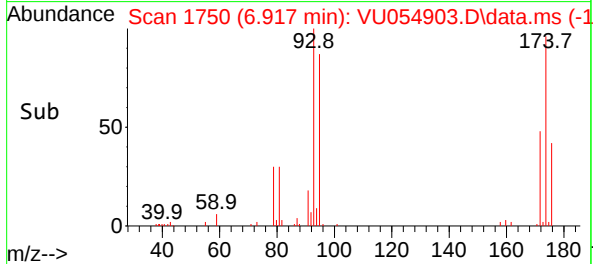
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 93 Resp: 3414
Ion Ratio Lower Upper
93 100
95 85.9 64.7 97.1
174 92.8 74.4 111.6

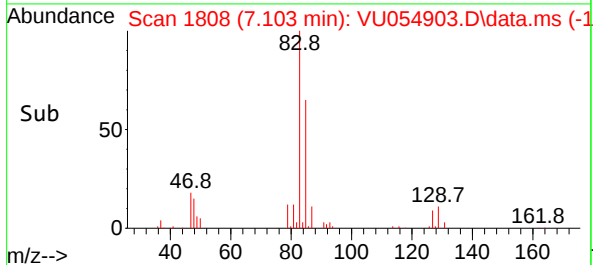
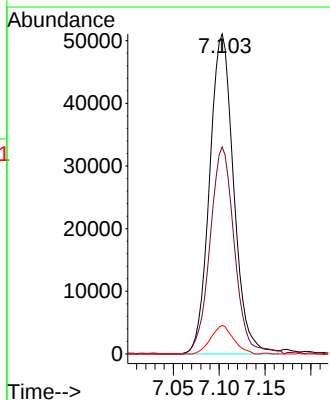
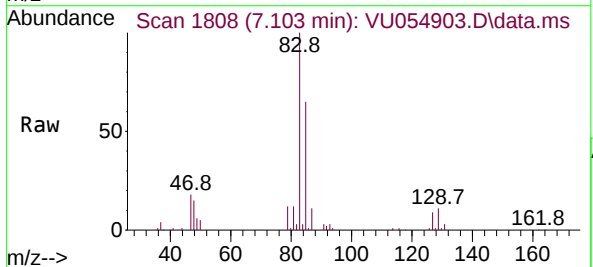
Manual Integrations
APPROVED

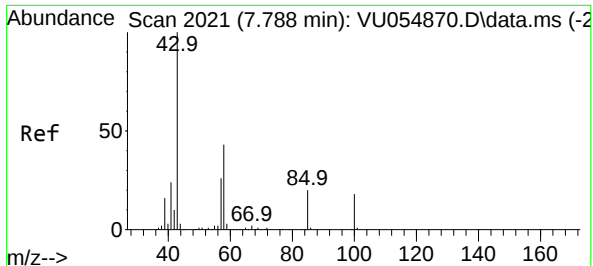
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Bromodichloromethane
Concen: 10.560 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

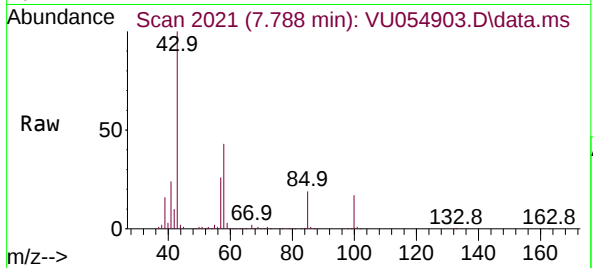
Tgt Ion: 83 Resp: 93423
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.2
127 9.8 6.1 9.1#





#45
4-Methyl-2-Pentanone
Concen: 59.277 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

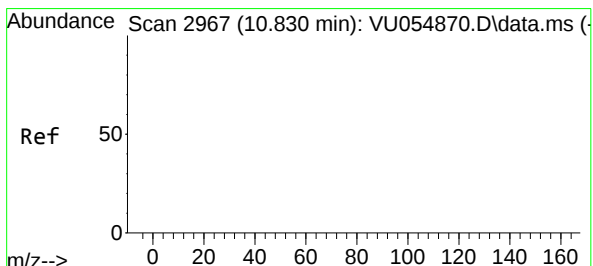
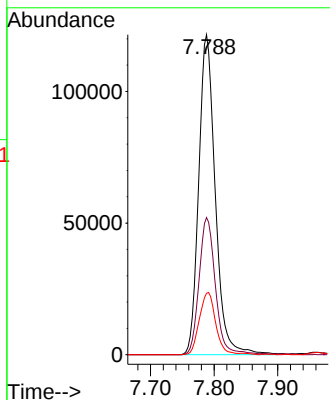
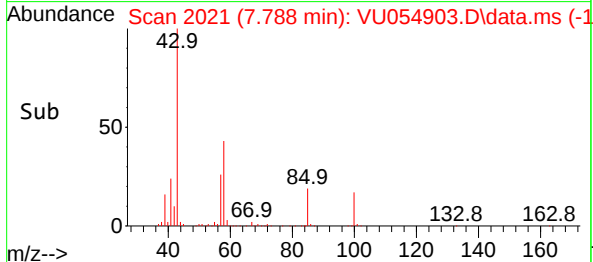
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 219629
Ion Ratio Lower Upper
43 100
58 42.3 21.3 63.7
85 19.0 15.3 22.9

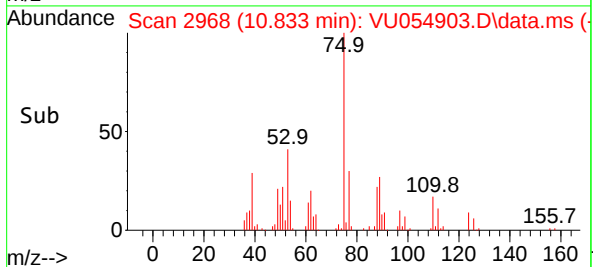
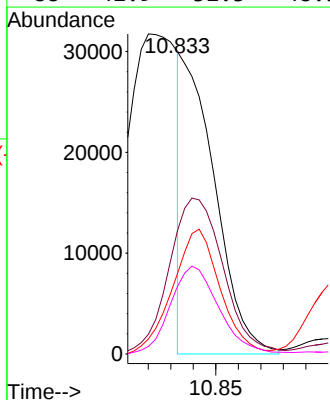
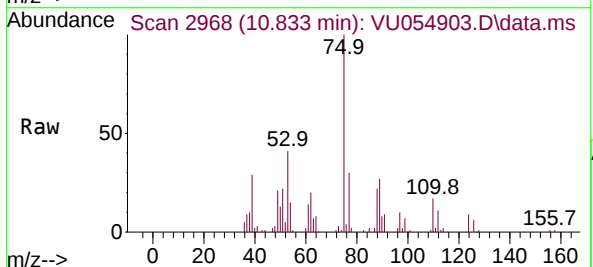
Manual Integrations
APPROVED

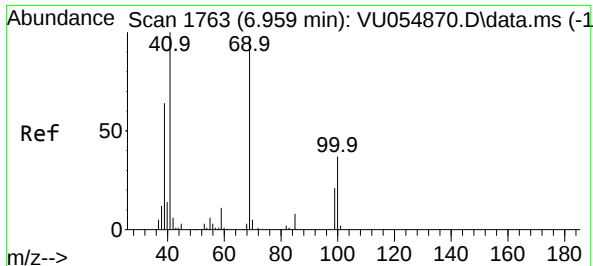
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 20.454 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

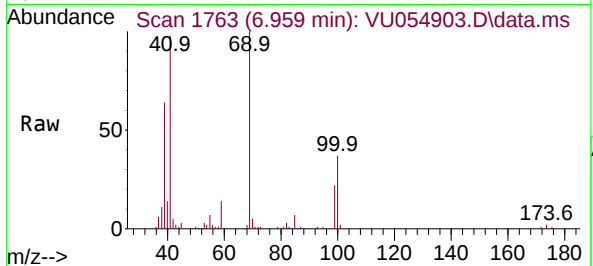
Tgt Ion: 75 Resp: 30493
Ion Ratio Lower Upper
75 100
53 85.0 62.9 94.3
89 59.7 47.8 71.8
88 42.9 32.3 48.5





#47
Methyl methacrylate
Concen: 23.584 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

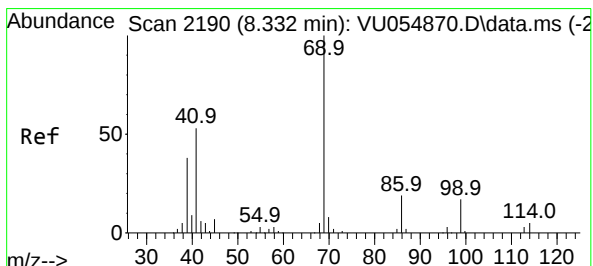
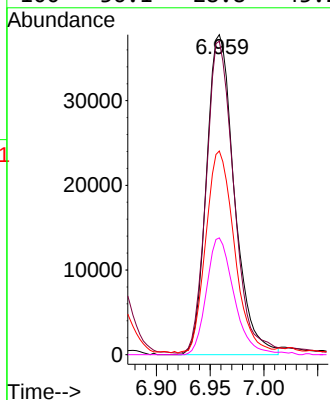
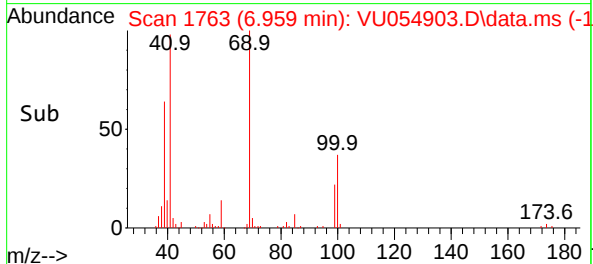
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 68460
Ion Ratio Lower Upper
69 100
41 96.0 0.0 193.0
39 64.4 50.4 75.6
100 36.1 28.8 43.2

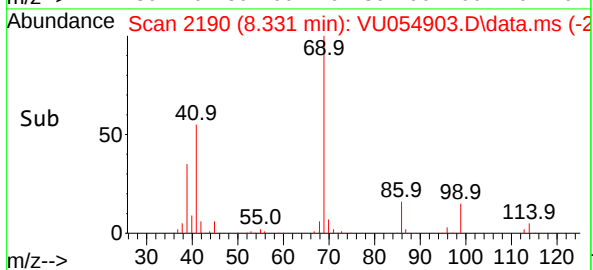
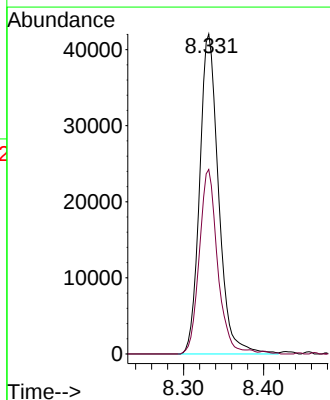
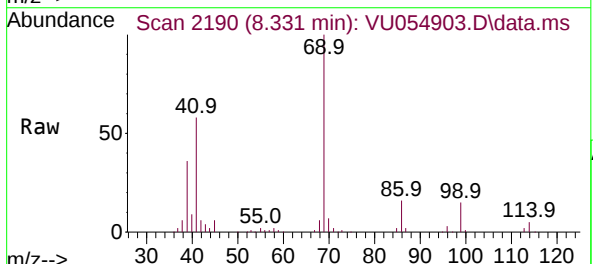
Manual Integrations
APPROVED

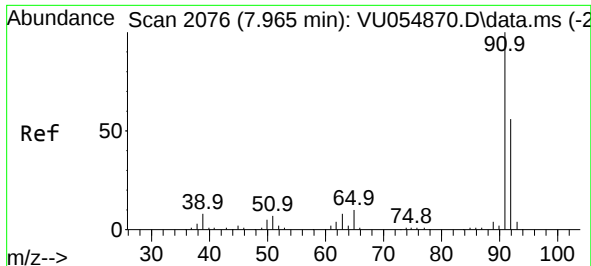
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Ethyl methacrylate
Concen: 11.817 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

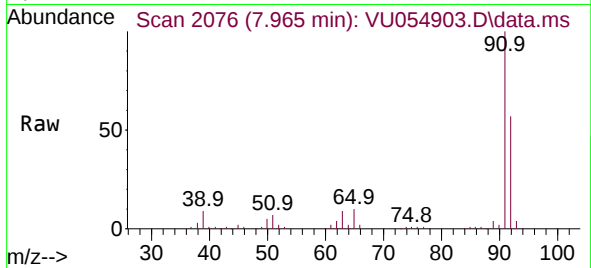
Tgt Ion: 69 Resp: 69387
Ion Ratio Lower Upper
69 100
41 55.8 28.8 86.5





#49
Toluene
Concen: 10.152 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

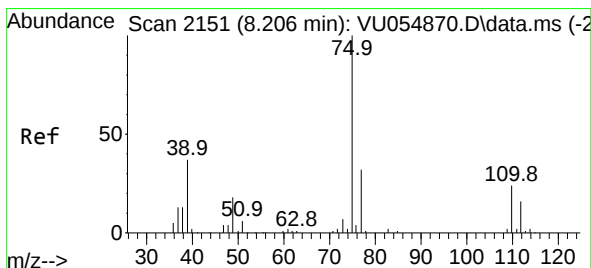
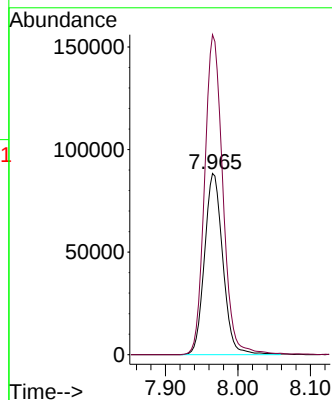
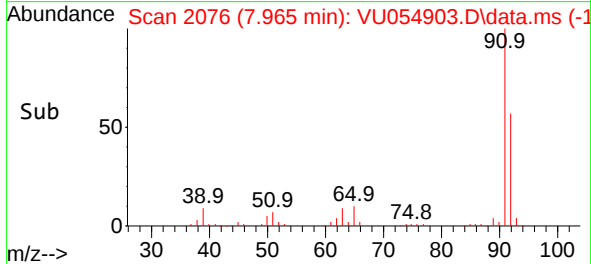
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



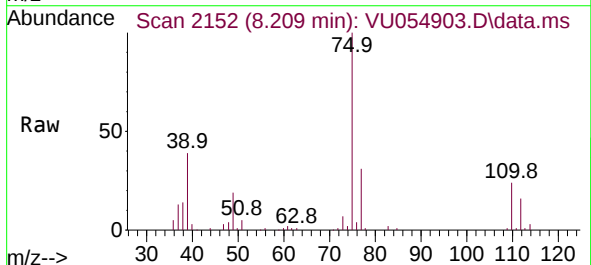
Tgt Ion: 92 Resp: 154660
Ion Ratio Lower Upper
92 100
91 176.3 142.9 214.3

Manual Integrations
APPROVED

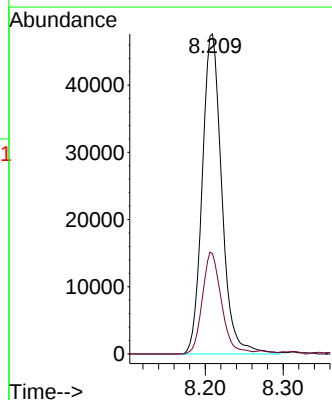
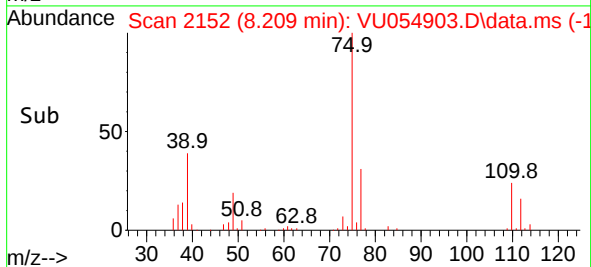
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

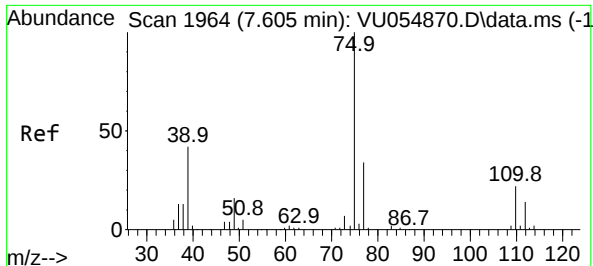


#50
t-1,3-Dichloropropene
Concen: 10.569 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion: 75 Resp: 83017
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 10.015 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

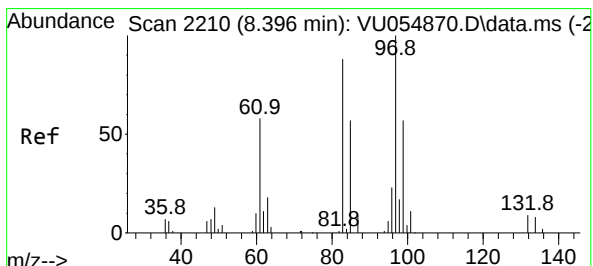
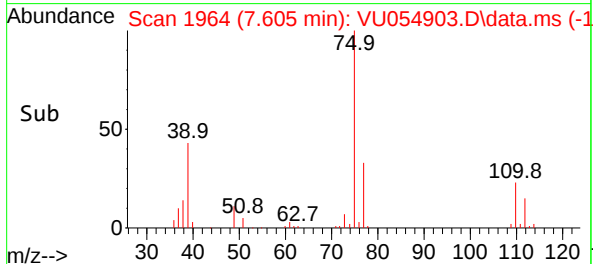
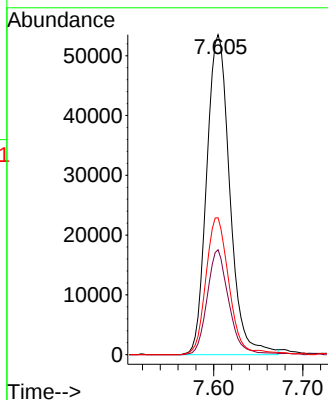
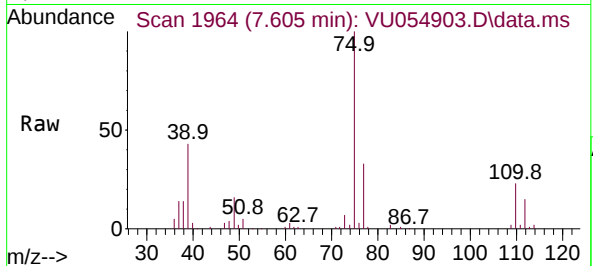
VSTDCCC010EC

Tgt Ion: 75 Resp: 9669
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 42.8 31.7 47.5

Manual Integrations

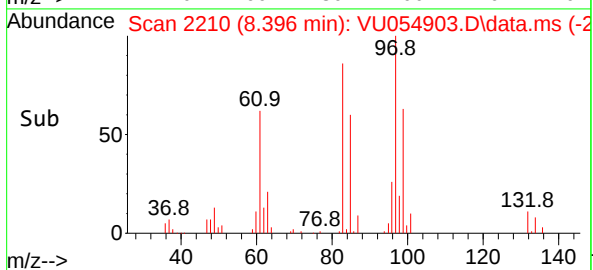
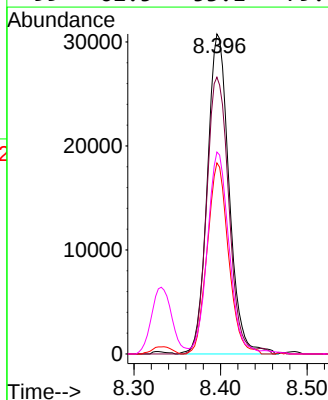
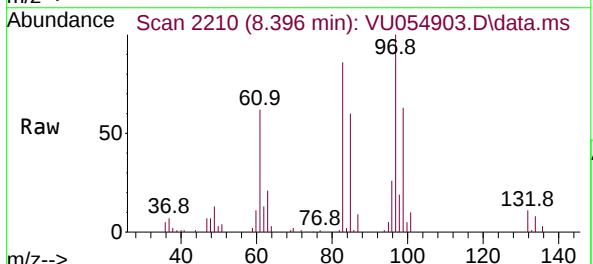
APPROVED

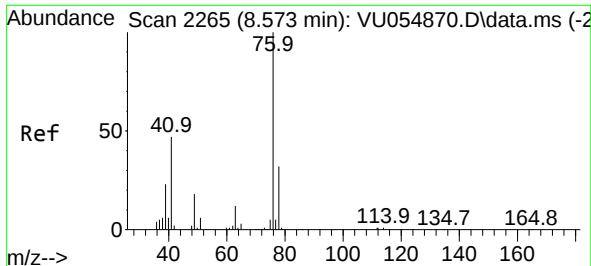
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.689 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

Tgt Ion: 97 Resp: 53809
 Ion Ratio Lower Upper
 97 100
 83 86.5 77.4 116.2
 85 59.3 47.8 71.8
 99 62.5 53.1 79.7





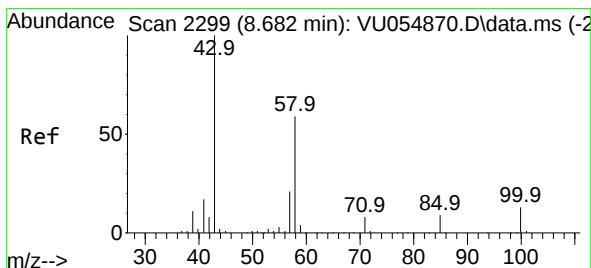
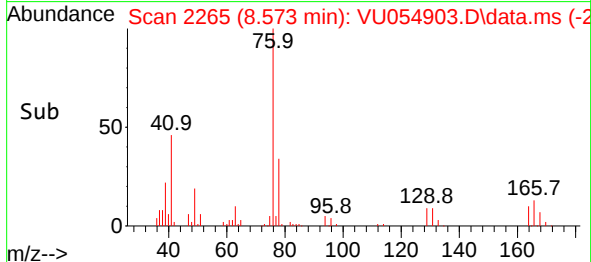
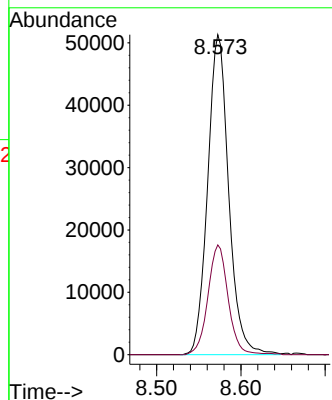
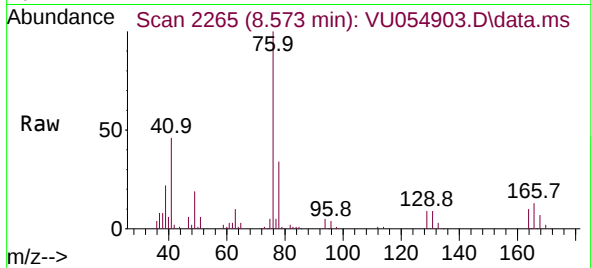
#53
1,3-Dichloropropane
Concen: 10.939 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 89080
Ion Ratio Lower Upper
76 100
78 32.8 24.6 36.8

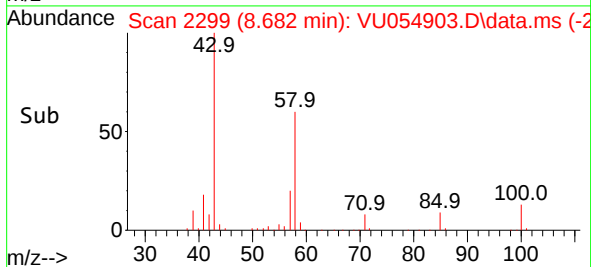
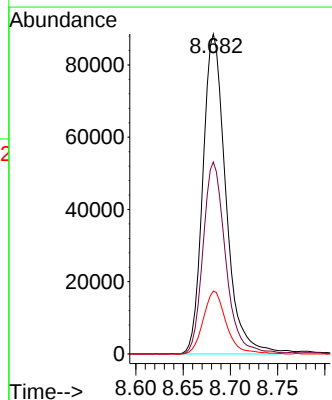
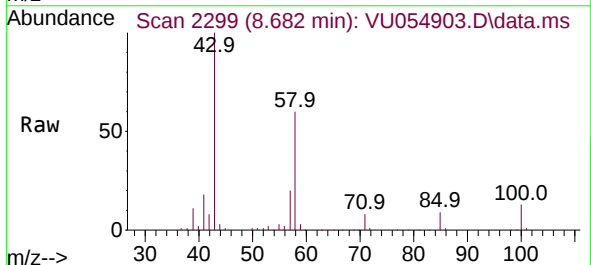
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
2-Hexanone
Concen: 56.750 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

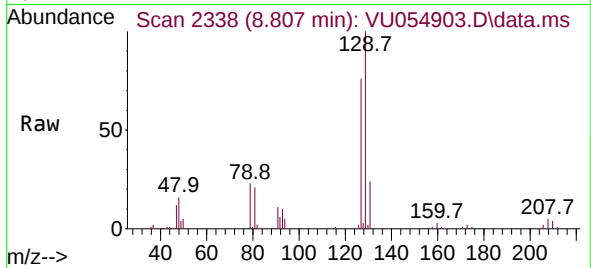
Tgt Ion: 43 Resp: 149409
Ion Ratio Lower Upper
43 100
58 59.2 38.9 78.9
57 19.7 0.0 38.7





#55
Dibromochloromethane
Concen: 10.919 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

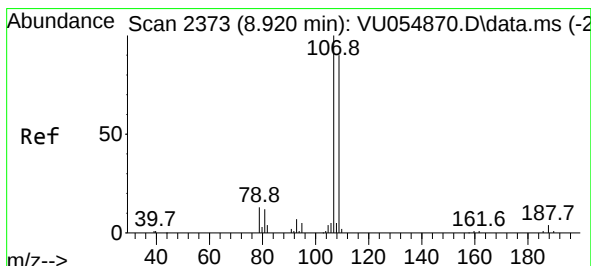
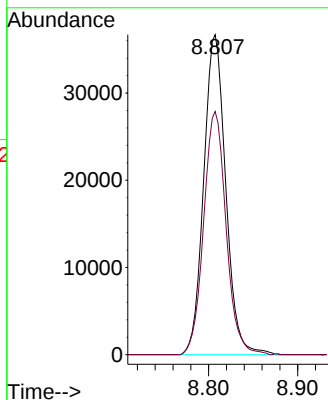
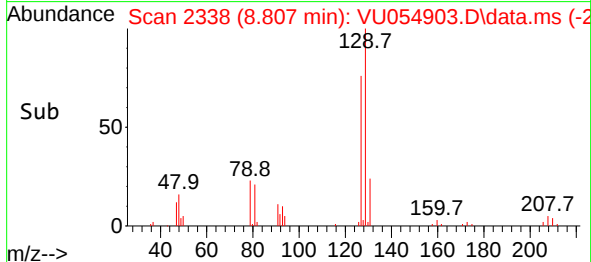
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 6298
Ion Ratio Lower Upper
129 100
127 77.4 61.4 92.0

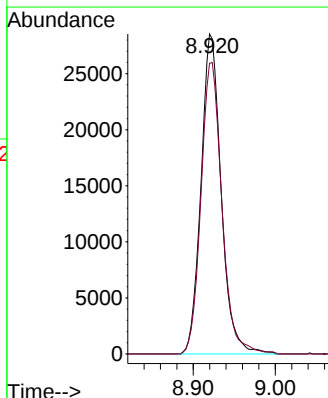
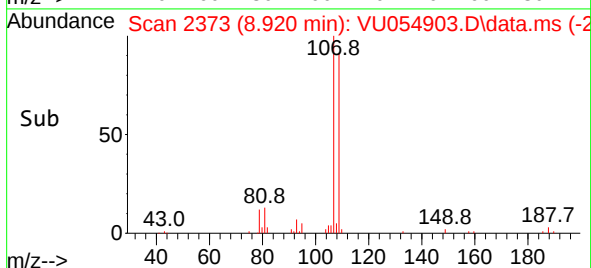
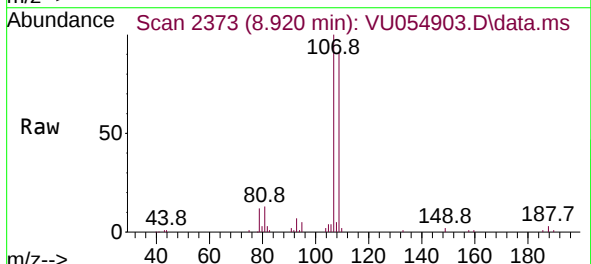
Manual Integrations
APPROVED

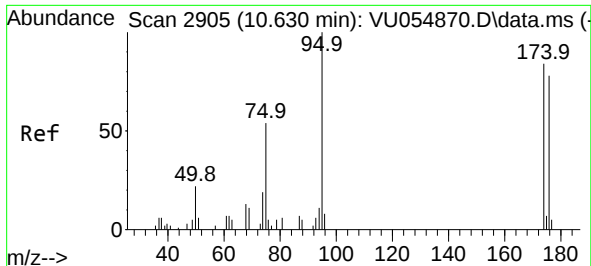
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 11.405 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

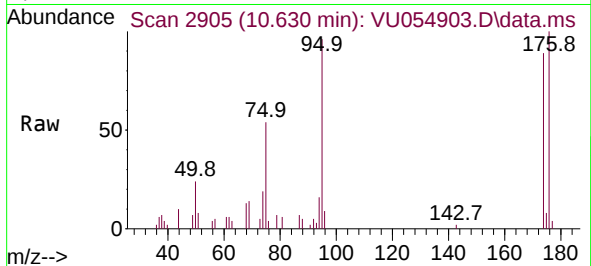
Tgt Ion:107 Resp: 48655
Ion Ratio Lower Upper
107 100
109 94.7 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

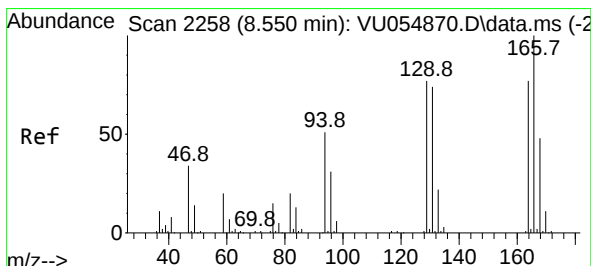
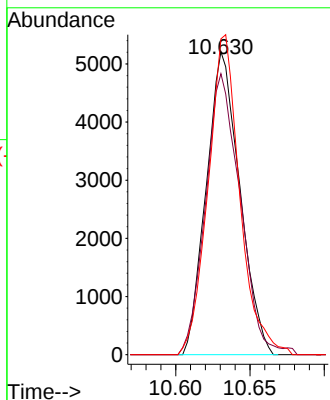
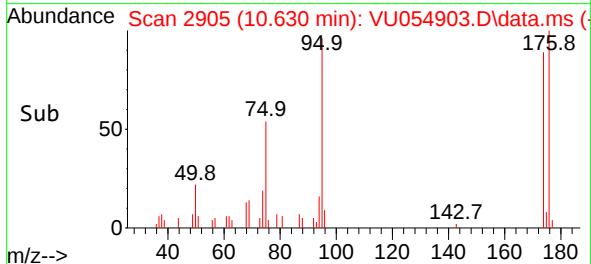
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 8150
Ion Ratio Lower Upper
95 100
174 96.0 79.3 118.9
176 100.1 71.5 107.3

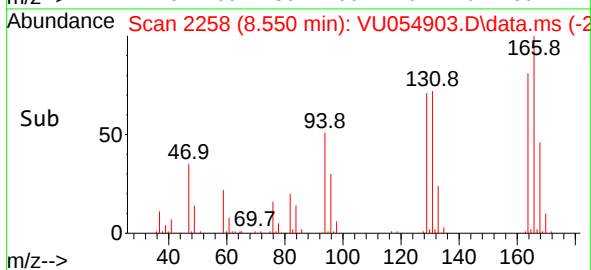
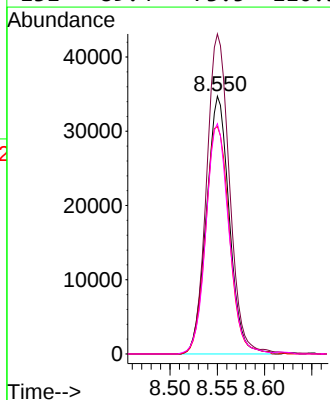
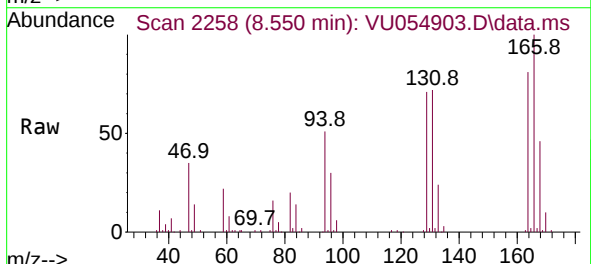
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 10.409 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

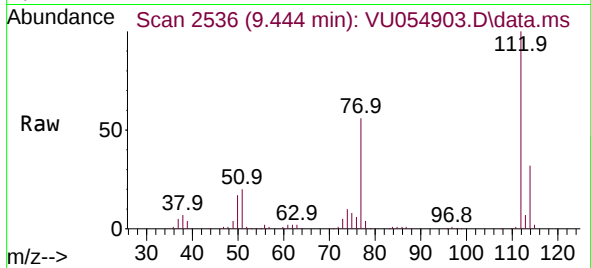
Tgt Ion:164 Resp: 58442
Ion Ratio Lower Upper
164 100
166 124.2 100.4 150.6
129 88.3 71.9 107.9
131 89.4 73.5 110.3





#59
Chlorobenzene
Concen: 10.073 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

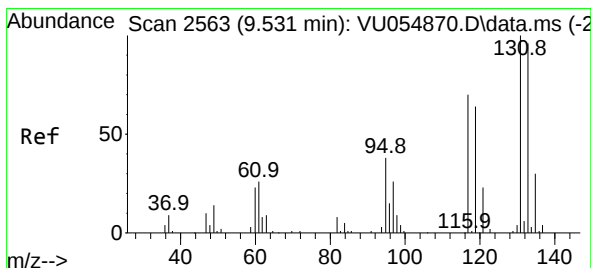
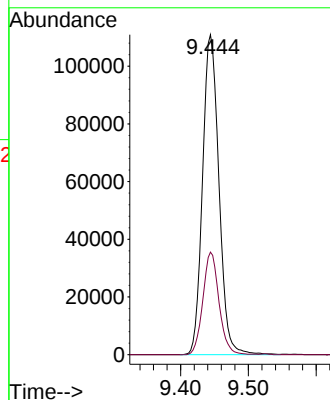
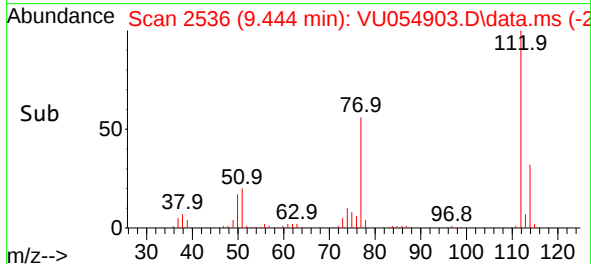
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



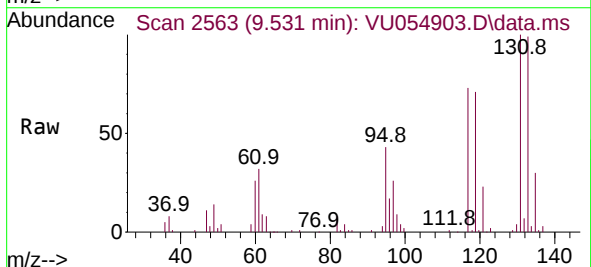
Tgt Ion:112 Resp: 18622
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6

Manual Integrations
APPROVED

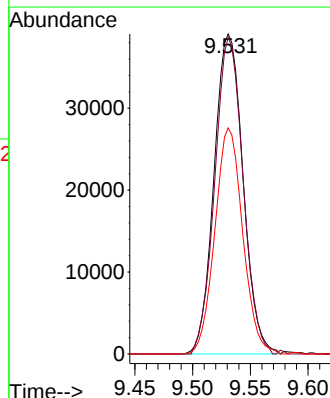
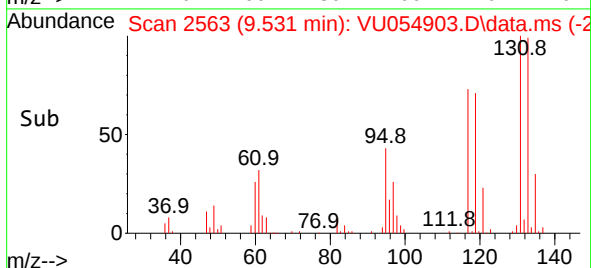
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

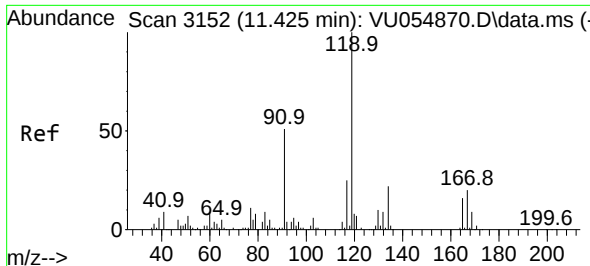


#60
1,1,1,2-Tetrachloroethane
Concen: 10.432 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion:131 Resp: 68090
Ion Ratio Lower Upper
131 100
133 96.4 74.2 111.4
119 68.0 51.0 76.4





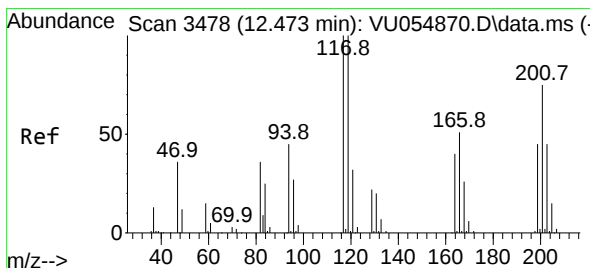
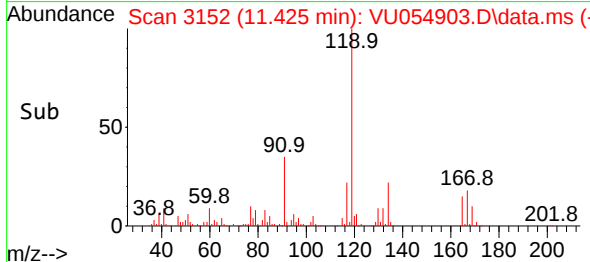
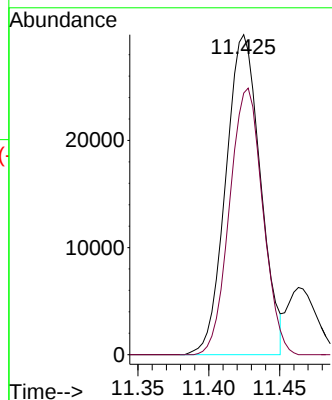
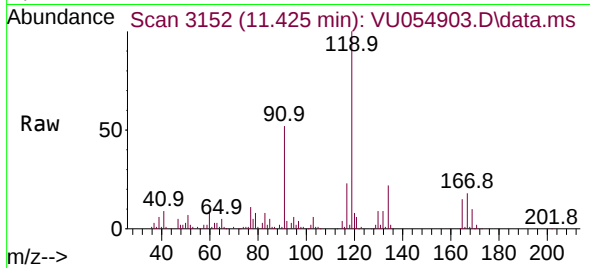
#61
Pentachloroethane
Concen: 9.984 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 5090
Ion Ratio Lower Upper
117 100
167 79.7 65.3 97.9

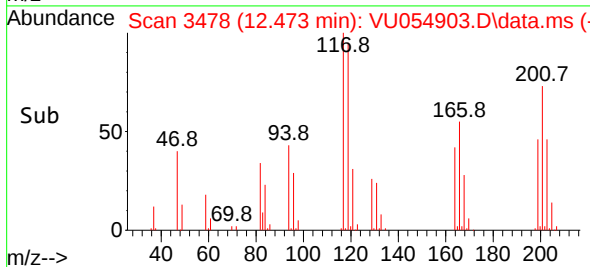
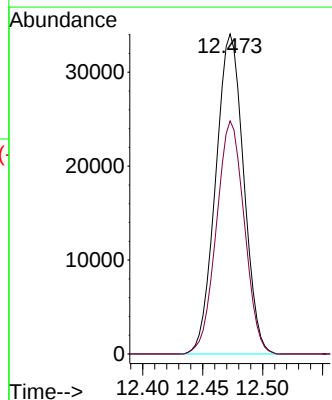
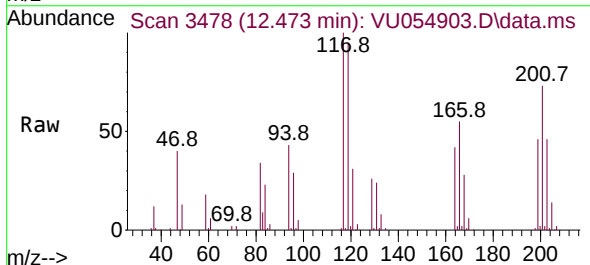
Manual Integrations
APPROVED

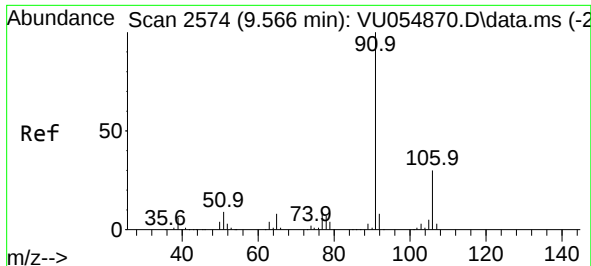
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 10.546 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

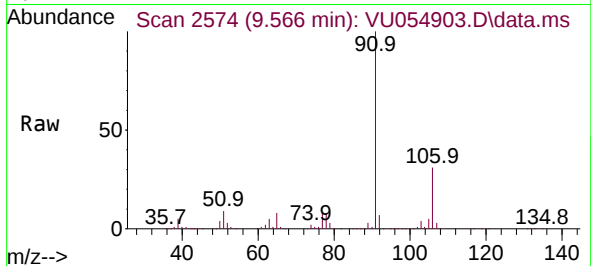
Tgt Ion:117 Resp: 55301
Ion Ratio Lower Upper
117 100
201 72.7 56.1 84.1





#63
Ethyl Benzene
Concen: 10.294 ug/l
RT: 9.566 min Scan# 21933
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

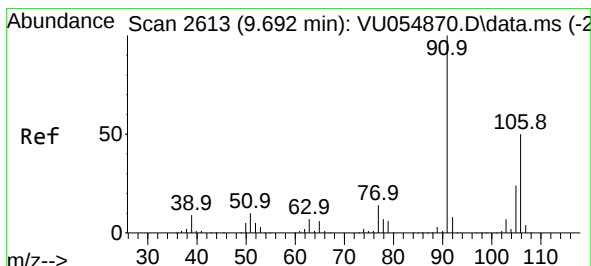
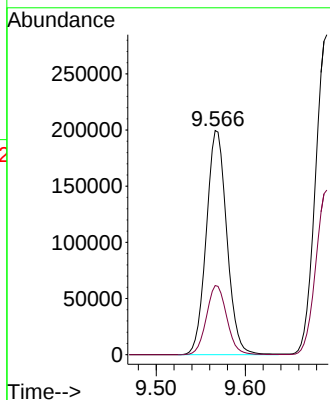
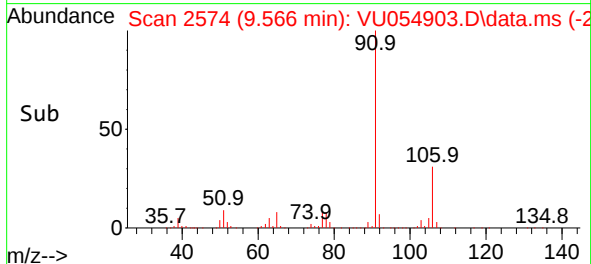
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



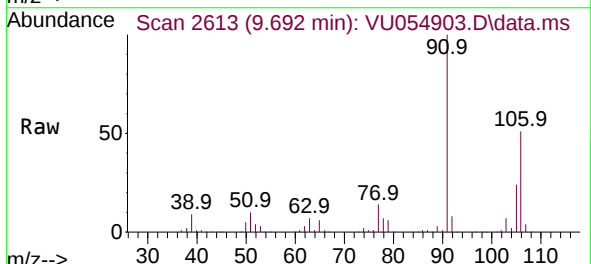
Tgt Ion: 91 Resp: 319336
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

Manual Integrations
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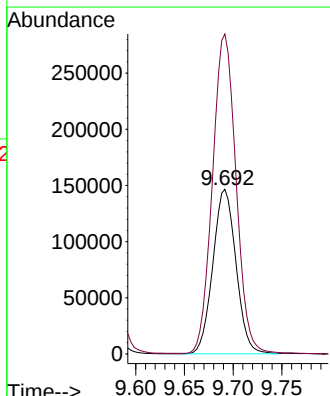
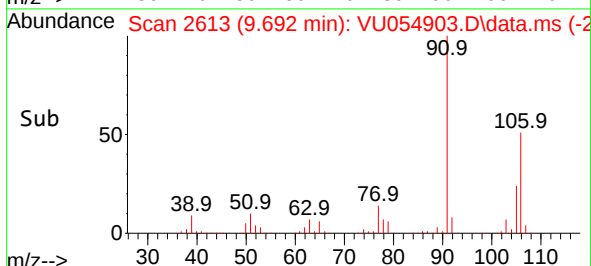
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

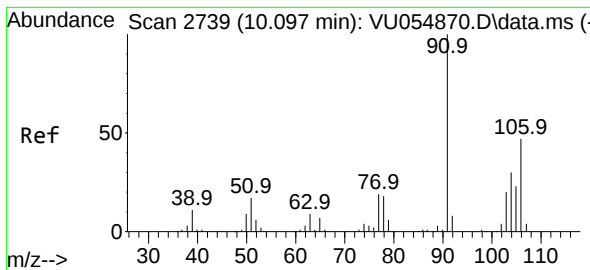


#64
m/p-Xylenes
Concen: 20.847 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion:106 Resp: 241961
Ion Ratio Lower Upper
106 100
91 199.0 158.8 238.2





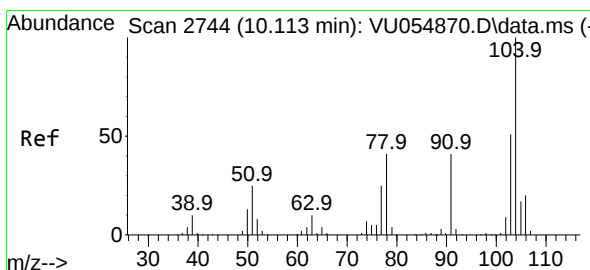
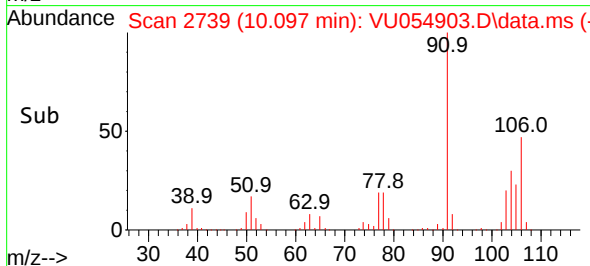
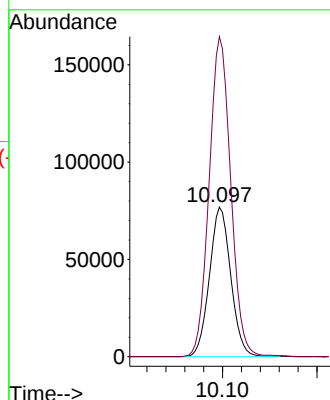
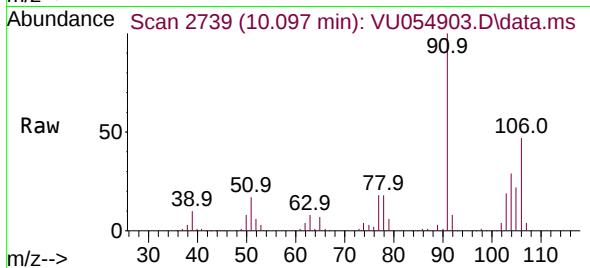
#65
o-Xylene
Concen: 10.107 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 12048
Ion Ratio Lower Upper
106 100
91 216.7 108.9 326.8

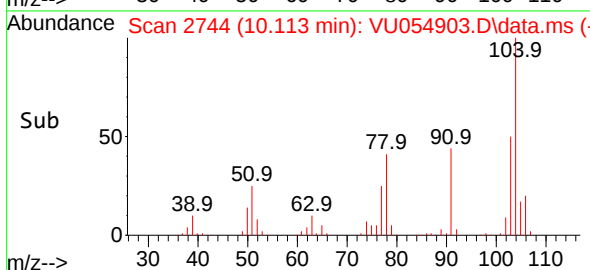
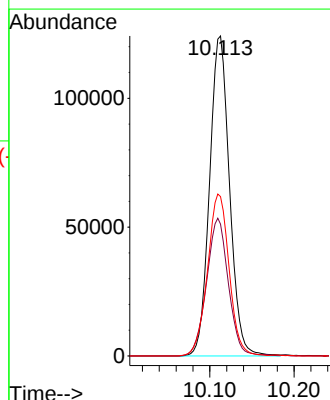
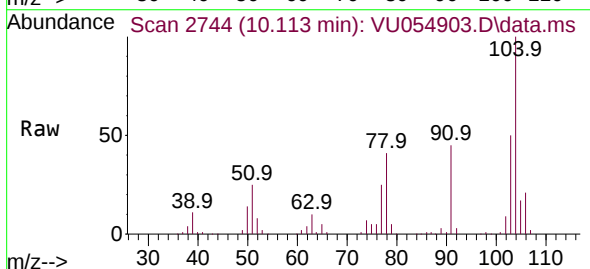
Manual Integrations
APPROVED

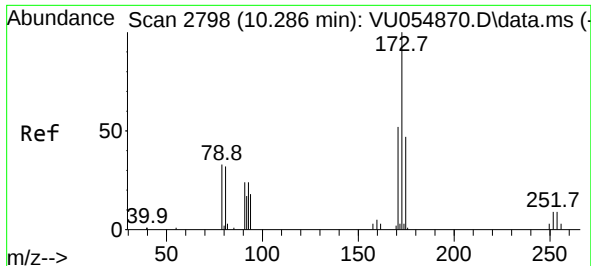
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 10.737 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion:104 Resp: 204662
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 54.8 45.2 67.8





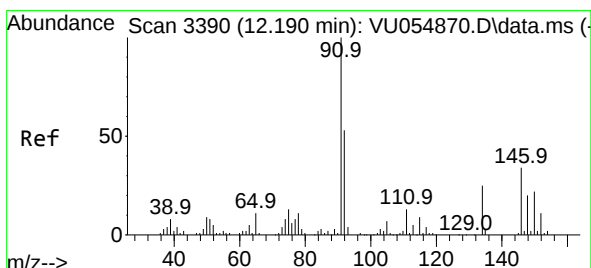
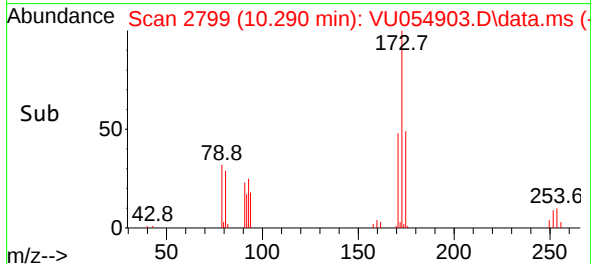
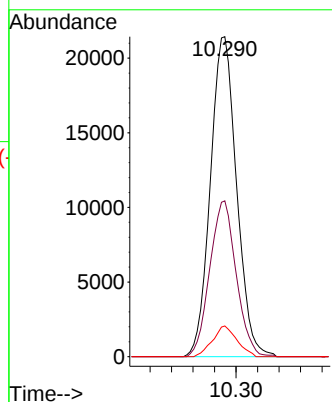
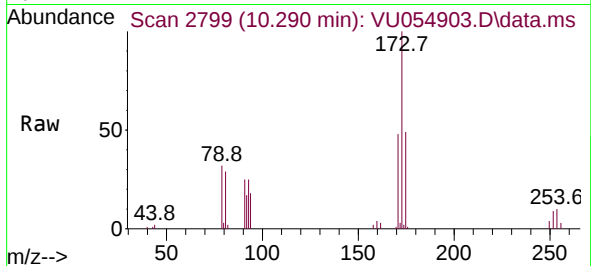
#67
Bromoform
Concen: 12.132 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 36280
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 8.9 7.4 11.0

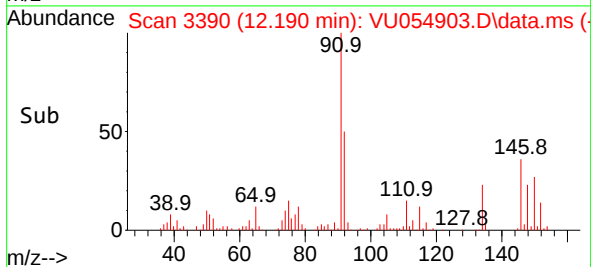
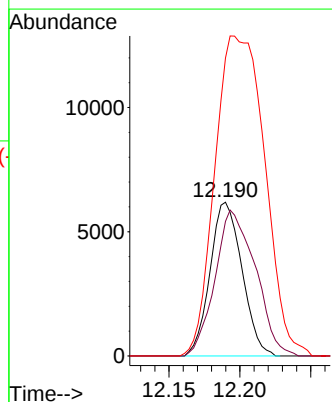
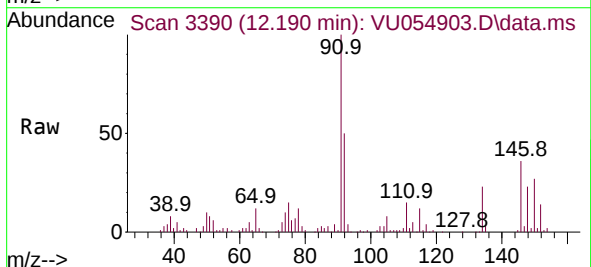
Manual Integrations
APPROVED

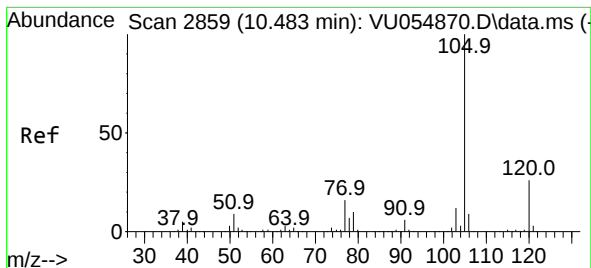
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.067 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion:152 Resp: 9706
Ion Ratio Lower Upper
152 100
115 119.7 0.0 234.8
150 325.0 0.0 598.2





#69

Isopropylbenzene

Concen: 10.258 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

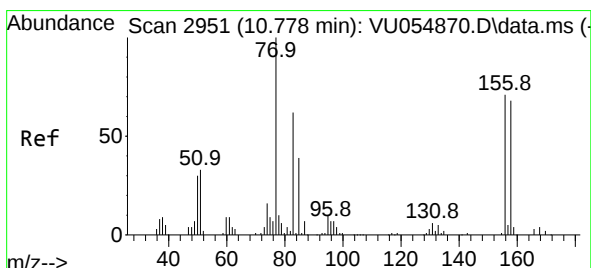
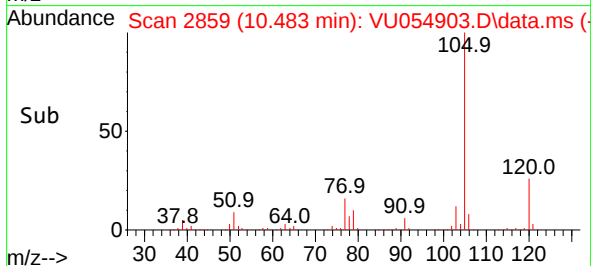
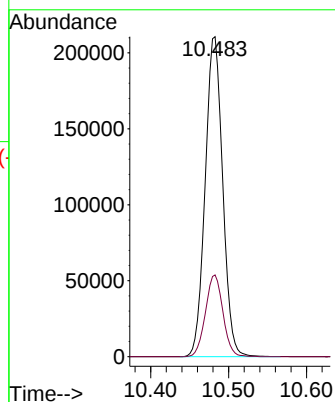
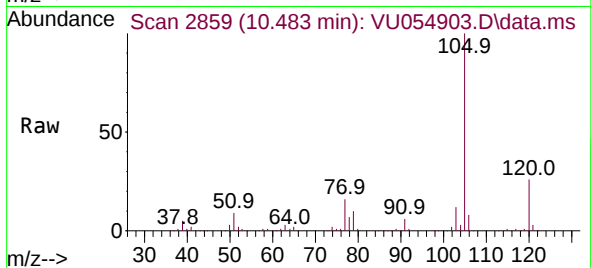
Tgt Ion:105 Resp: 328294
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 11.292 ug/l

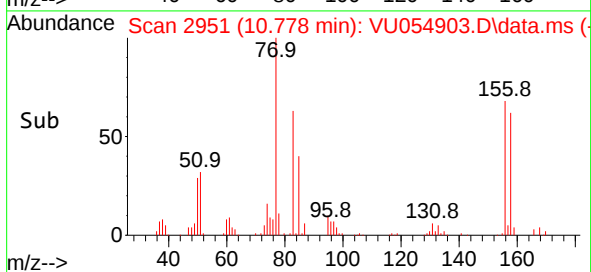
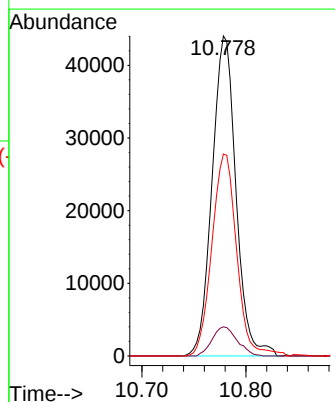
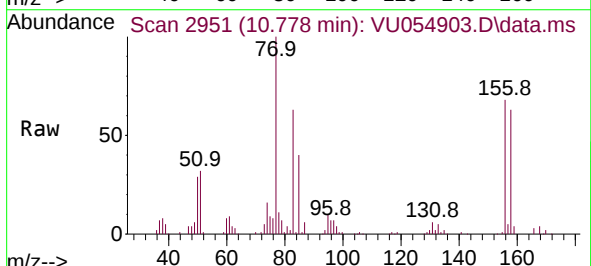
RT: 10.778 min Scan# 2951

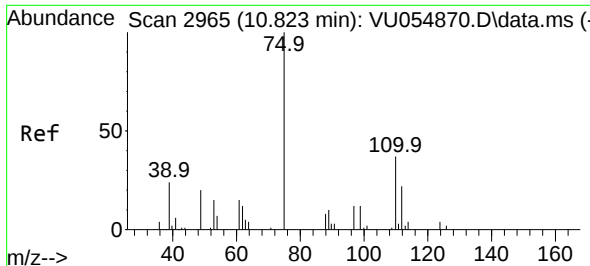
Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

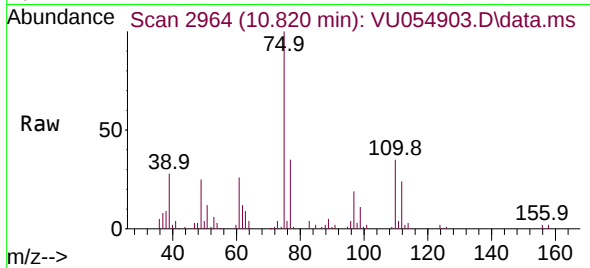
Tgt Ion: 83 Resp: 70358
 Ion Ratio Lower Upper
 83 100
 131 9.6 7.5 11.3
 85 65.3 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 10.422 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

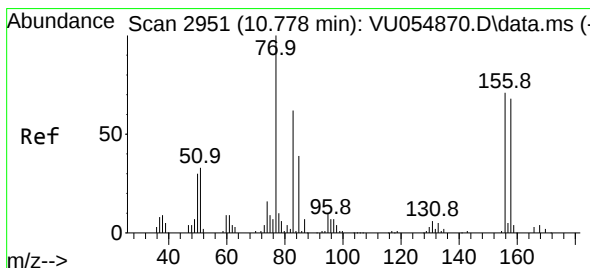
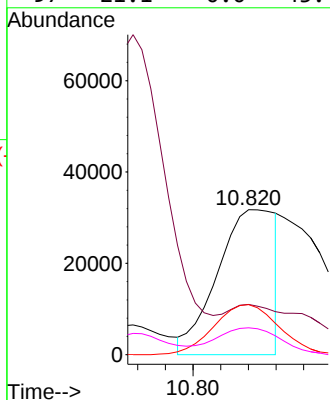
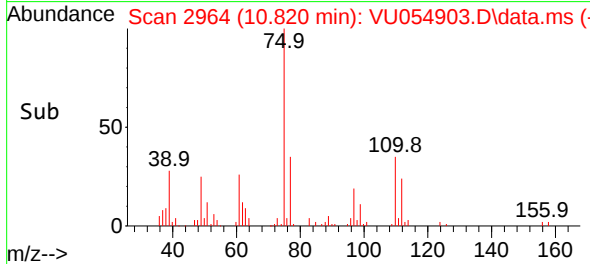
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 4625
Ion Ratio Lower Upper
75 100
77 50.5 0.0 0.0
110 39.1 0.0 80.8
97 21.1 0.0 43.4

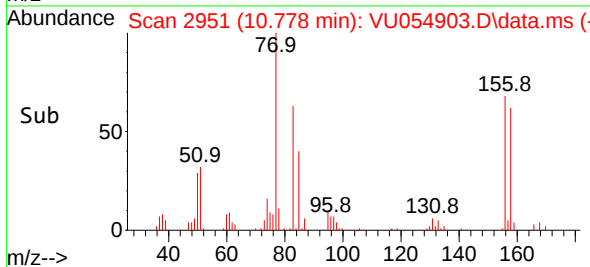
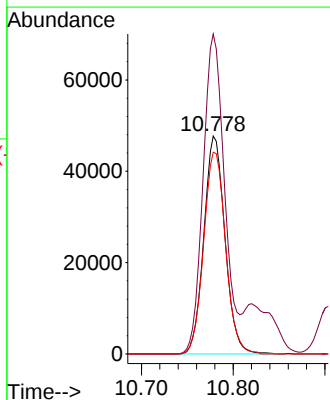
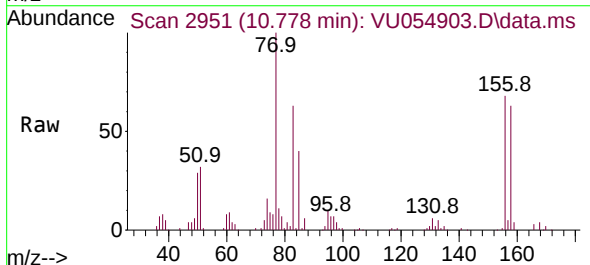
Manual Integrations
APPROVED

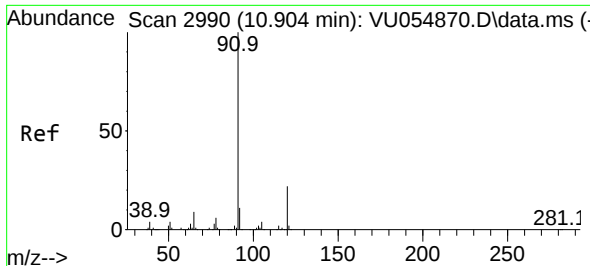
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#72
Bromobenzene
Concen: 10.712 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

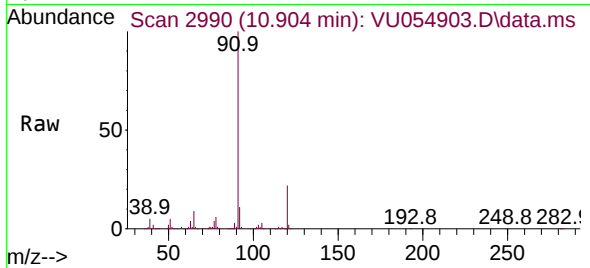
Tgt Ion:156 Resp: 76333
Ion Ratio Lower Upper
156 100
77 148.5 0.0 293.2
158 96.1 0.0 189.8





#73
n-propylbenzene
Concen: 10.290 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

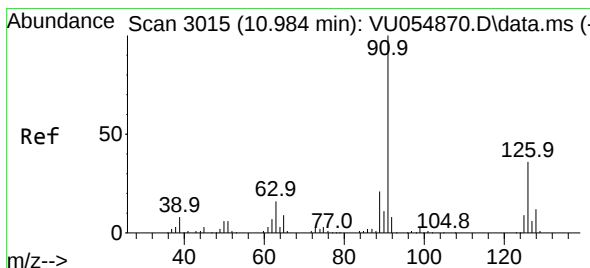
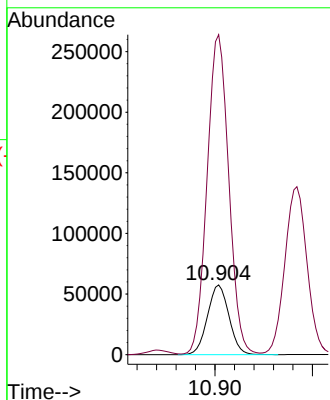
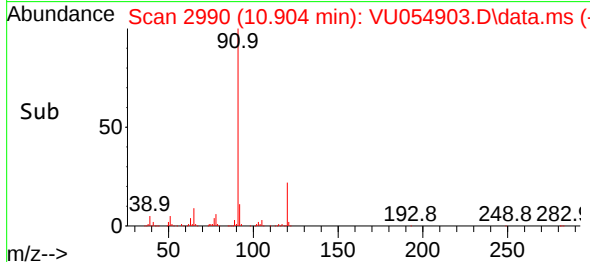
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 8813
Ion Ratio Lower Upper
120 100
91 459.8 361.8 542.6

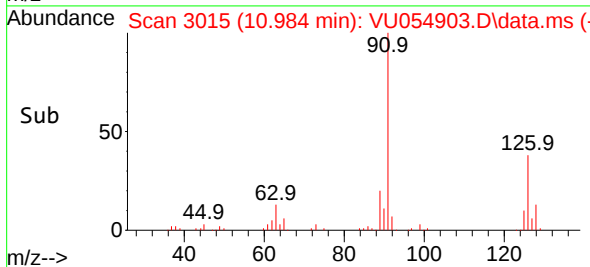
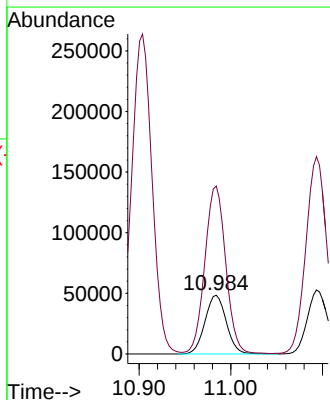
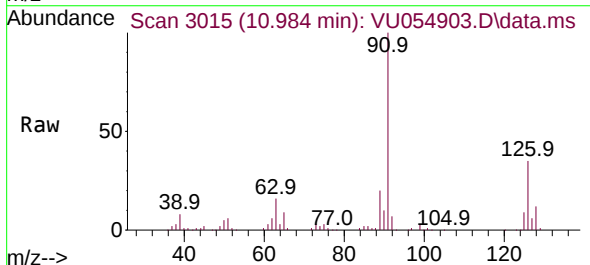
Manual Integrations
APPROVED

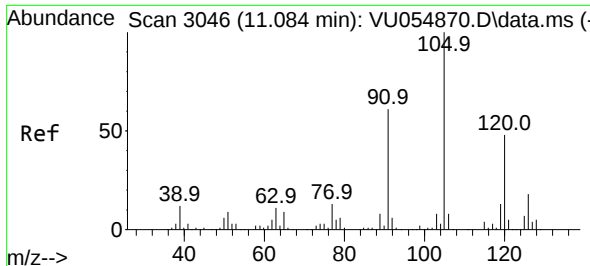
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.537 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Tgt Ion:126 Resp: 78128
Ion Ratio Lower Upper
126 100
91 278.7 0.0 561.4





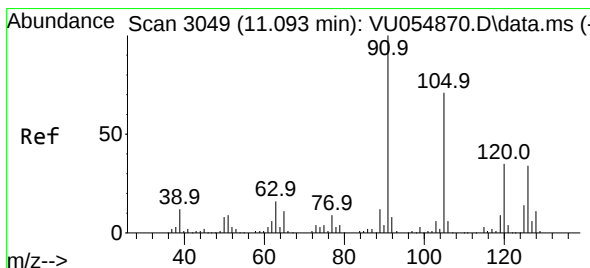
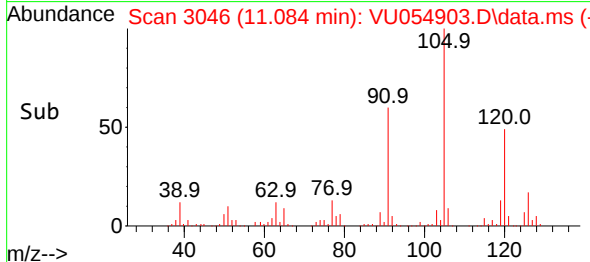
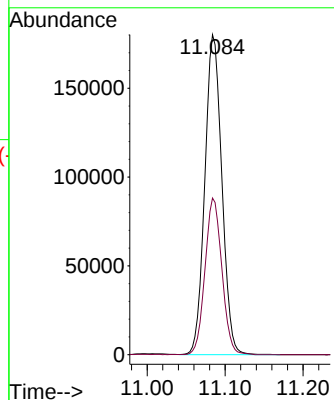
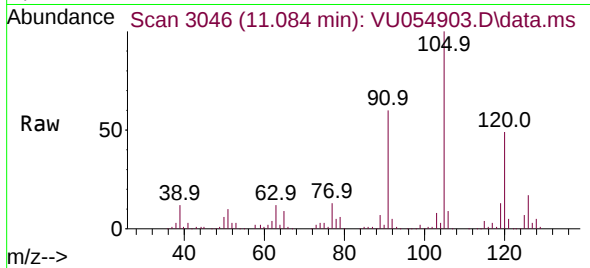
#75
1,3,5-Trimethylbenzene
Concen: 10.556 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 27359
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.4

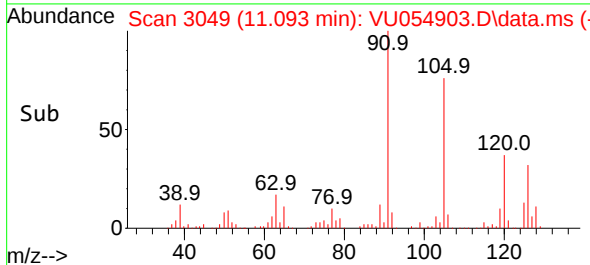
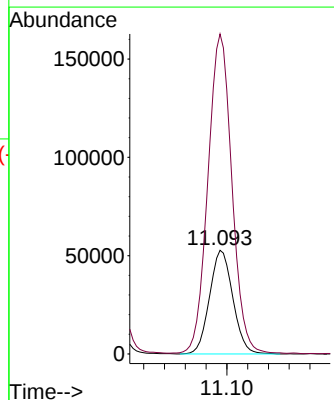
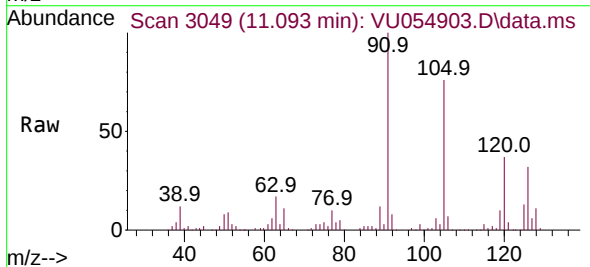
Manual Integrations
APPROVED

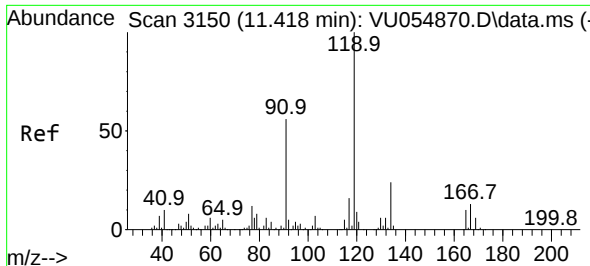
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 10.636 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

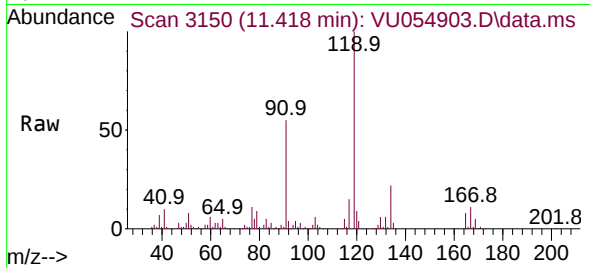
Tgt Ion:126 Resp: 81933
Ion Ratio Lower Upper
126 100
91 315.7 0.0 623.4





#77
tert-Butylbenzene
Concen: 10.308 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

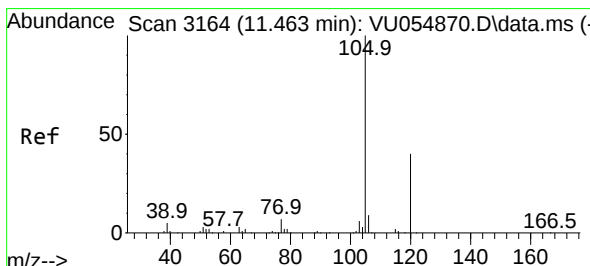
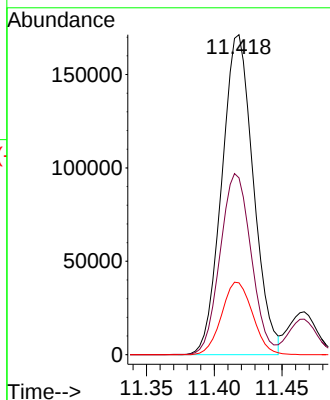
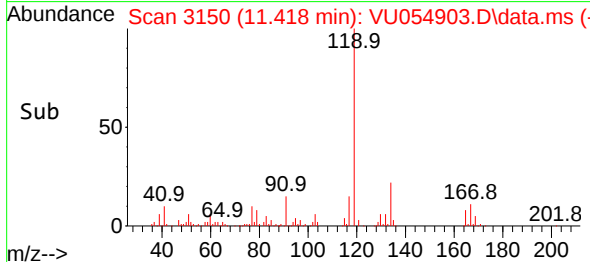
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



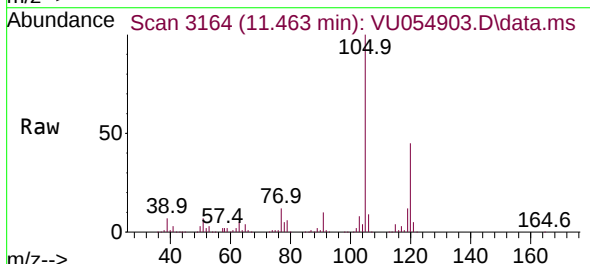
Tgt Ion:119 Resp: 277844
Ion Ratio Lower Upper
119 100
91 55.6 27.7 83.1
134 22.2 18.6 27.8

Manual Integrations
APPROVED

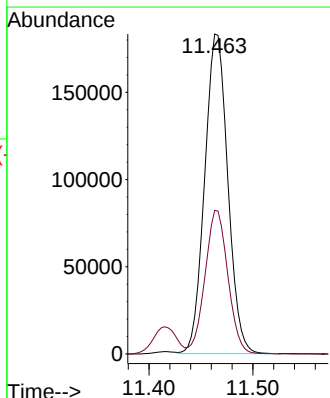
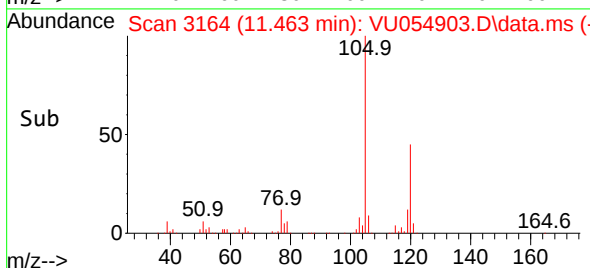
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

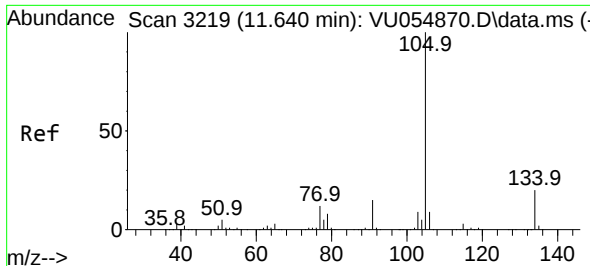


#78
1,2,4-Trimethylbenzene
Concen: 10.687 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



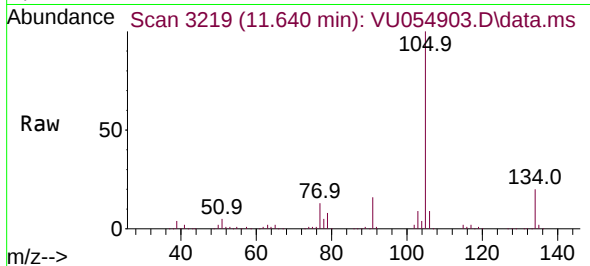
Tgt Ion:105 Resp: 283572
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 10.516 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

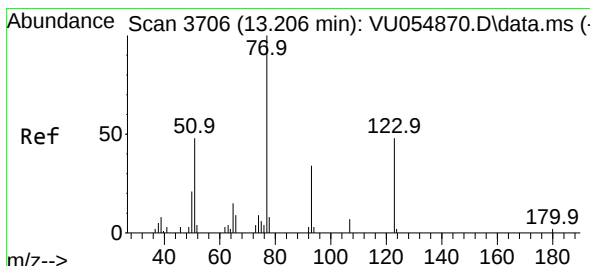
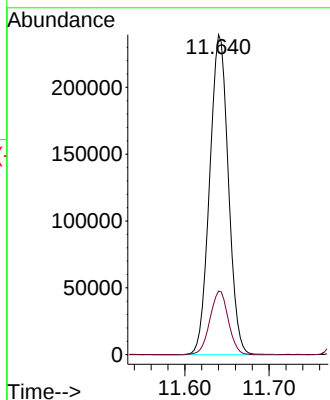
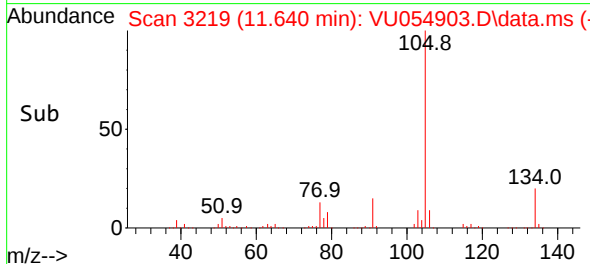
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 368469
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.7 23.5

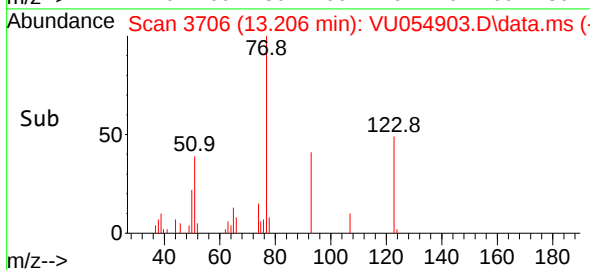
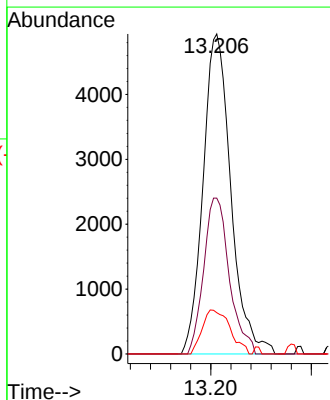
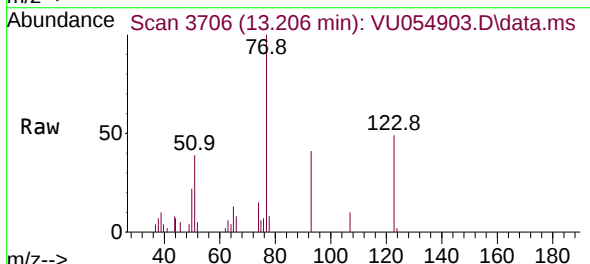
Manual Integrations
 APPROVED

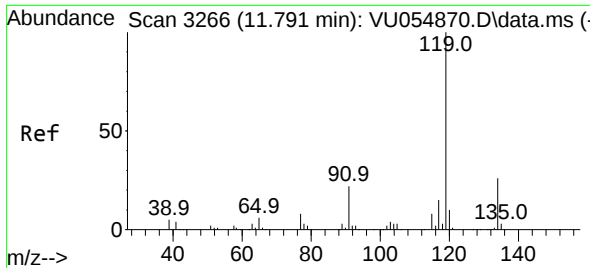
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 57.798 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU054903.D
 Acq: 27 Jul 2023 18:56

Tgt Ion: 77 Resp: 9462
 Ion Ratio Lower Upper
 77 100
 123 45.0 20.2 71.8
 65 13.7 11.7 14.9





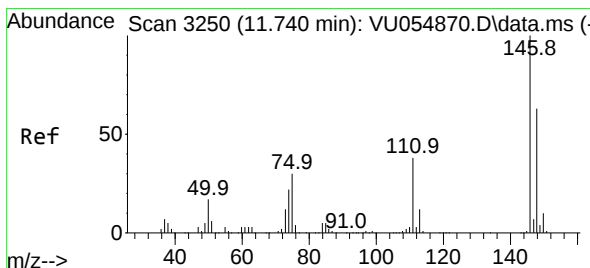
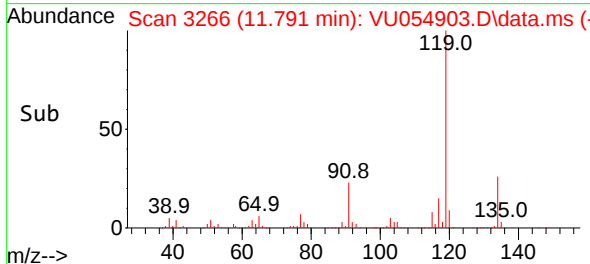
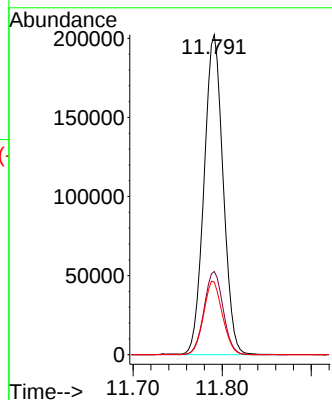
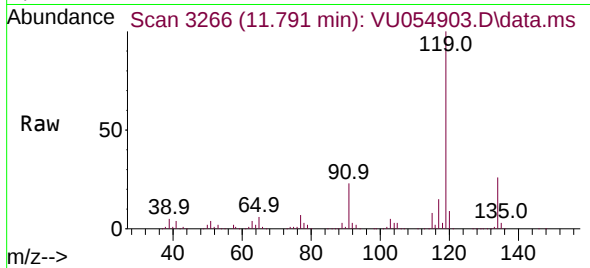
#81
p-Isopropyltoluene
Concen: 10.858 ug/l
RT: 11.791 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 300269
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 22.7 18.2 27.4

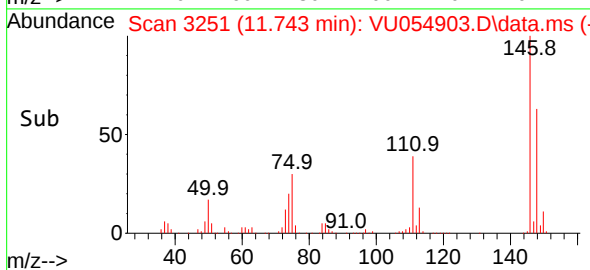
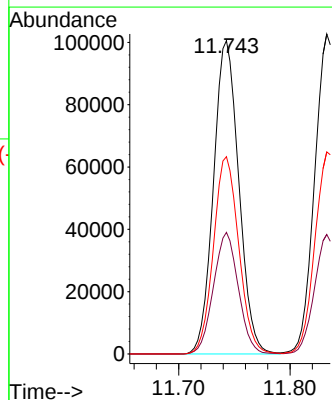
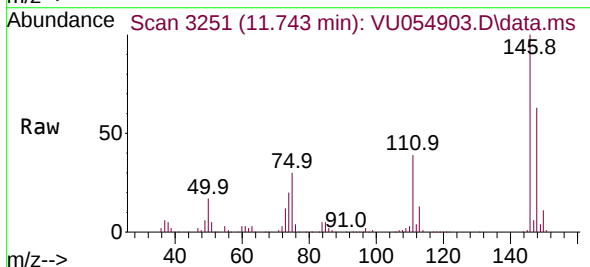
Manual Integrations
APPROVED

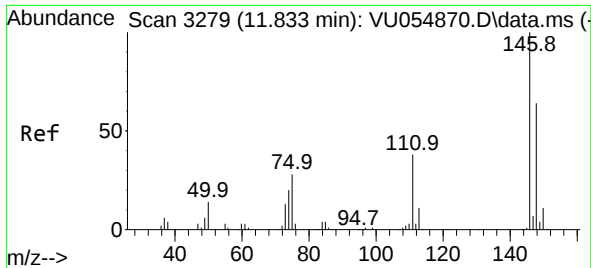
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 10.478 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

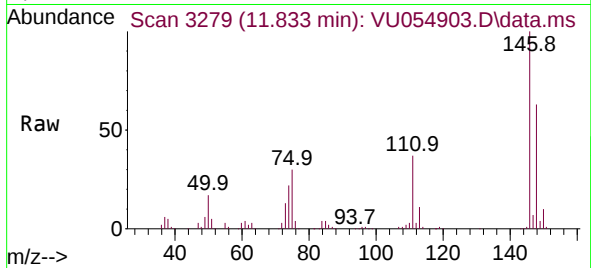
Tgt Ion:146 Resp: 158958
Ion Ratio Lower Upper
146 100
111 38.1 30.5 45.7
148 63.0 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 10.554 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

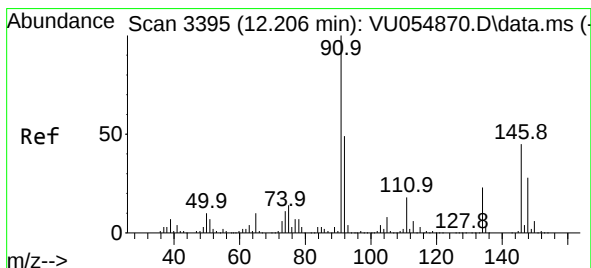
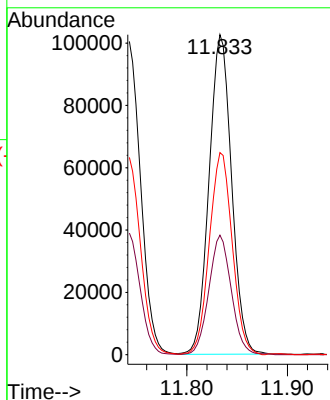
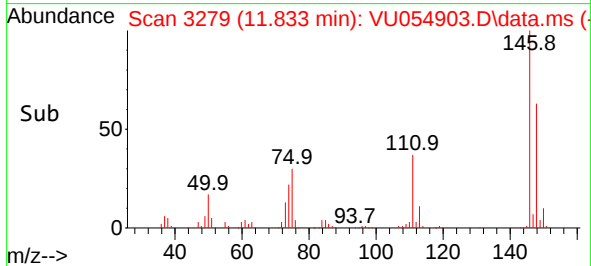
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



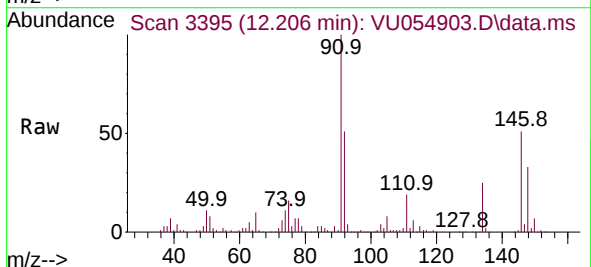
Tgt Ion:146 Resp: 159600
Ion Ratio Lower Upper
146 100
111 37.2 29.5 44.3
148 64.4 51.2 76.8

Manual Integrations
APPROVED

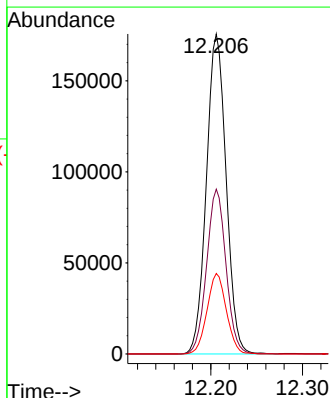
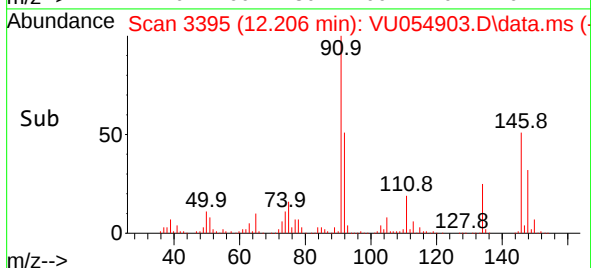
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

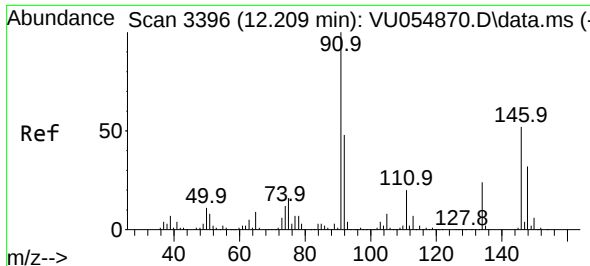


#84
n-Butylbenzene
Concen: 10.582 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



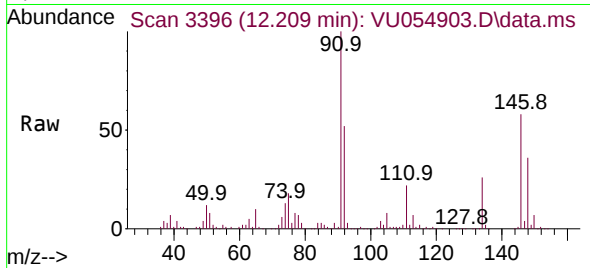
Tgt Ion: 91 Resp: 262855
Ion Ratio Lower Upper
91 100
92 50.6 39.8 59.8
134 24.6 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 10.599 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

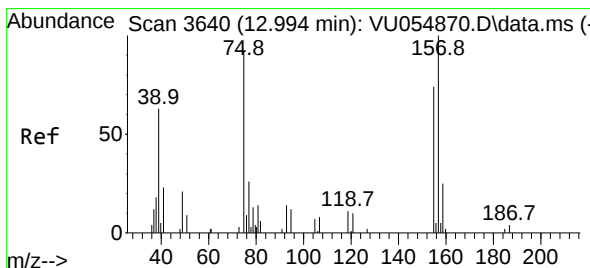
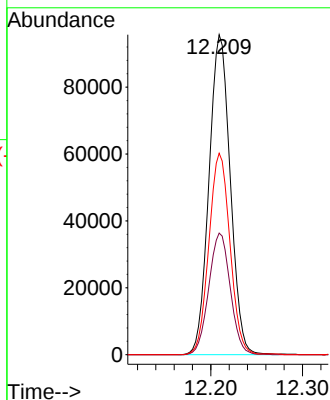
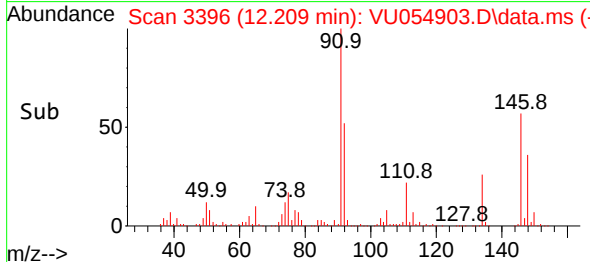
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



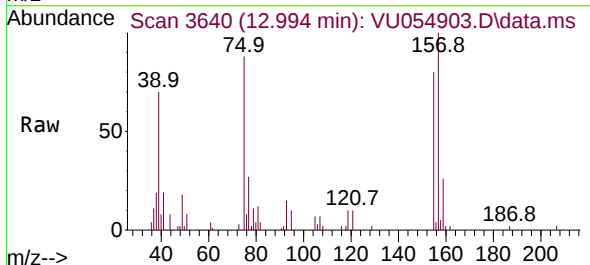
Tgt Ion:146 Resp: 15412
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.4
148 62.5 31.8 95.3

Manual Integrations
APPROVED

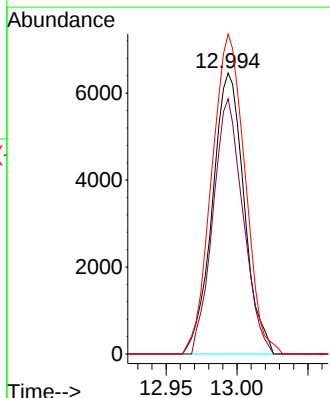
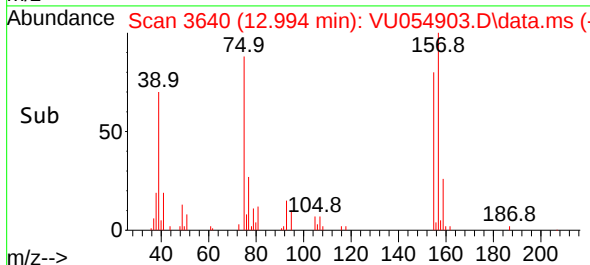
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

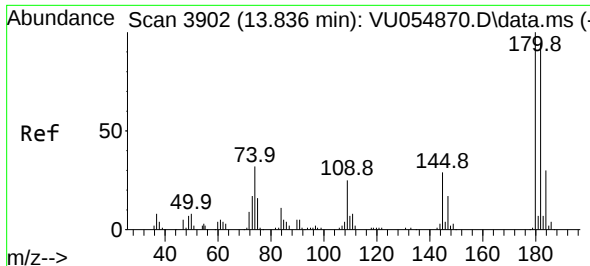


#86
1,2-Dibromo-3-Chloropropane
Concen: 12.125 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



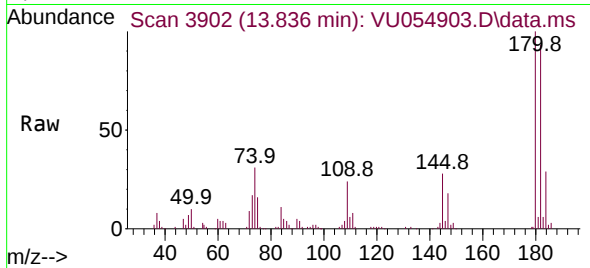
Tgt Ion: 75 Resp: 10044
Ion Ratio Lower Upper
75 100
155 86.3 74.8 112.2
157 119.4 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 10.374 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56

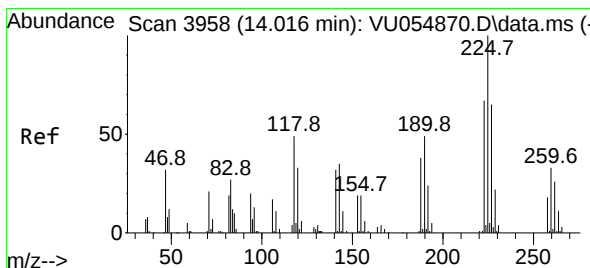
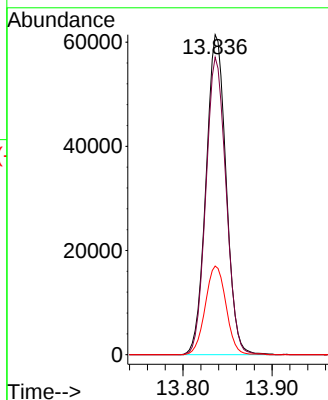
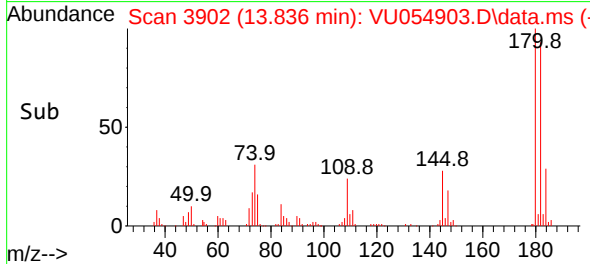
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



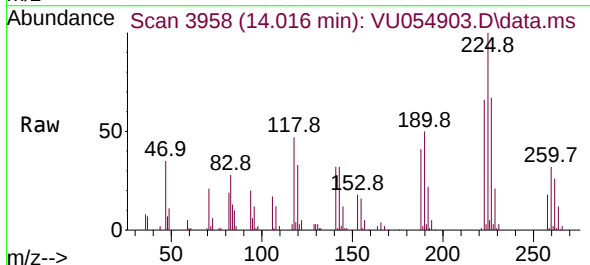
Tgt Ion:180 Resp: 96214
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.6
145 28.5 23.4 35.0

Manual Integrations
APPROVED

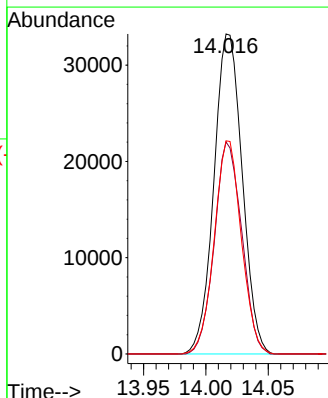
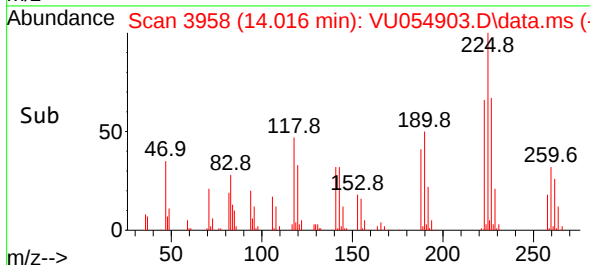
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

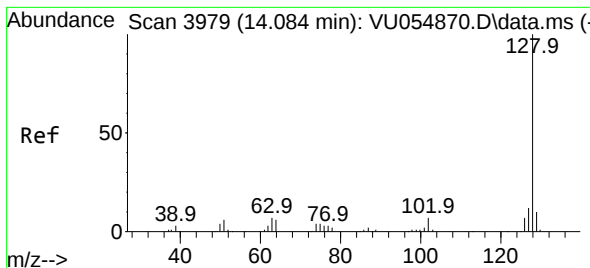


#88
Hexachlorobutadiene
Concen: 10.628 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU054903.D
Acq: 27 Jul 2023 18:56



Tgt Ion:225 Resp: 52574
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 63.9 50.7 76.1





#89

Naphthalene

Concen: 10.544 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU054903.D

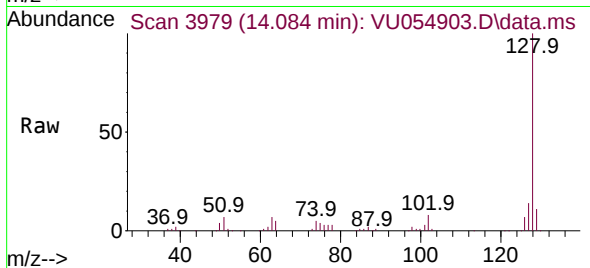
Acq: 27 Jul 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



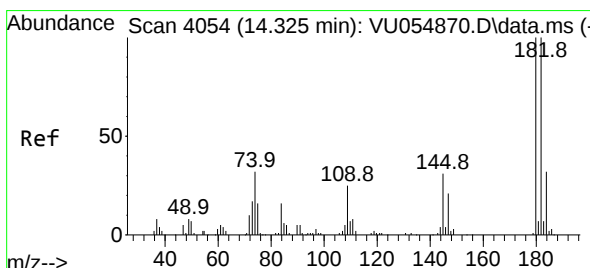
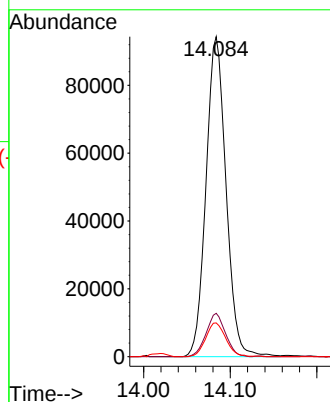
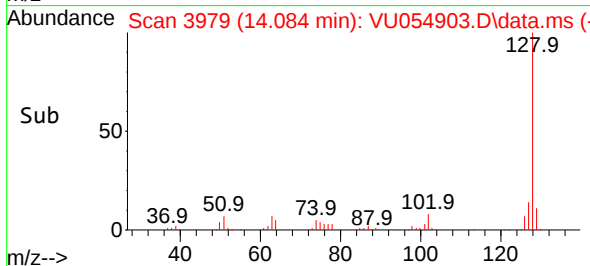
Tgt Ion:	128	Resp:	151439
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

1,2,3-Trichlorobenzene

Concen: 10.362 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054903.D

Acq: 27 Jul 2023 18:56

Tgt Ion:	180	Resp:	85272
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.0	114.0
145	31.4	24.3	36.5

