

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055231.D
 Acq On : 11 Sep 2023 12:22
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091123

Quant Time: Sep 12 08:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/21/2023

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

Internal Standards						
1) Fluorobenzene	6.113	96	65869	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	27655	1.082	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	24118	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	145726	6.393	ug/l	98
3) Chloromethane	1.515	50	181375	7.606	ug/l	99
4) Vinyl Chloride	1.602	62	196581	7.872	ug/l	100
5) Bromomethane	1.853	94	151210	7.674	ug/l	99
6) Chloroethane	1.930	64	130340	8.243	ug/l	99
7) Trichlorofluoromethane	2.136	101	297006	8.563	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	149081	8.485	ug/l	99
9) 1,1-Dichloroethene	2.576	96	140592	8.748	ug/l	97
10) Iodomethane	2.718	142	196279	9.517	ug/l	95
11) Allyl Chloride	2.920	41	200020	9.954	ug/l	87
12) Acrylonitrile	3.309	53	149661	48.992	ug/l	94
13) Acetone	2.621	43	135013	25.497	ug/l	98
14) Carbon Disulfide	2.788	76	377819	7.254	ug/l	100
15) Methylene Chloride	3.039	84	173498	9.018	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	181232	9.460	ug/l	96
17) 1,1-Dichloroethane	3.865	63	349124	9.568	ug/l	100
18) 2-Butanone	4.698	43	197227	32.659	ug/l	97
19) Cyclohexane	5.386	56	234199	8.692	ug/l	85
20) Methylcyclohexane	6.762	83	309469	9.240	ug/l	95
21) 2,2-Dichloropropane	4.660	77	289803	9.862	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	216531	8.835	ug/l	100
23) Diethyl Ether	2.374	59	119417	9.117	ug/l	97
24) tert-Butyl Alcohol	3.348	59	11629	11.427	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	398504	10.756	ug/l	98
26) Bromochloromethane	4.972	128	51445	5.766	ug/l	99
27) Chloroform	5.084	83	369464	9.574	ug/l	97
28) 1,1,1-Trichloroethane	5.312	97	316961	9.545	ug/l	99
29) 1,1-Dichloropropene	5.525	75	263574	9.566	ug/l	99
30) Carbon Tetrachloride	5.521	117	270687	9.380	ug/l	99
31) Isopropyl Ether	3.988	45	515382	10.754	ug/l #	1
34) Propionitrile	4.769	54	119201	109.069	ug/l #	16
35) Benzene	5.772	78	792889	9.740	ug/l	100
36) 1,2-Dichloroethane	5.791	62	218967	9.639	ug/l	100
37) Trichloroethene	6.541	130	211726	8.902	ug/l	99
38) 1,2-Dichloropropane	6.788	63	206137	9.651	ug/l	100
39) Methacrylonitrile	4.972	41	45985	10.552	ug/l	96
40) Methyl acrylate	4.843	55	73585	10.426	ug/l #	94
41) Tetrahydrofuran	5.049	42	121411	50.220	ug/l	99
42) 1-Chlorobutane	5.454	56	358720	10.094	ug/l	98
43) Dibromomethane	6.917	93	102249	10.124	ug/l	98
44) Bromodichloromethane	7.103	83	269249	10.293	ug/l	100
45) 4-Methyl-2-Pentanone	7.788	43	479429	50.045	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	39670m	11.082	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.959	69	80660	10.393	ug/l	97
48) Ethyl methacrylate	8.332	69	165740	10.996	ug/l	96
49) Toluene	7.968	92	509231	10.315	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	239794	10.896	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	293161	10.614	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	141445	9.923	ug/l	98
53) 1,3-Dichloropropane	8.573	76	246478	10.200	ug/l	99
54) 2-Hexanone	8.682	43	345237	37.614	ug/l	99
55) Dibromochloromethane	8.807	129	162691	10.129	ug/l	98
56) 1,2-Dibromoethane	8.920	107	132744	10.237	ug/l	98
58) Tetrachloroethene	8.550	164	249160	9.695	ug/l	96
59) Chlorobenzene	9.444	112	536259	9.695	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	190835	10.420	ug/l	97
61) Pentachloroethane	11.425	117	87141	10.209	ug/l	89
62) Hexachloroethane	12.473	117	152413	10.887	ug/l	95
63) Ethyl Benzene	9.569	91	998440	10.680	ug/l	98
64) m/p-Xylenes	9.692	106	795092	21.947	ug/l	97
65) o-Xylene	10.097	106	378970	10.789	ug/l	99
66) Styrene	10.113	104	622405	11.343	ug/l	99
67) Bromoform	10.290	173	88435	10.883	ug/l	99
69) Isopropylbenzene	10.483	105	1009752	10.990	ug/l	99
70) 1,1,1,2-Tetrachloroethane	10.778	83	146491	10.118	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	84953m	6.563	ug/l	
72) Bromobenzene	10.778	156	223988	10.610	ug/l	96
73) n-propylbenzene	10.904	120	278686	11.173	ug/l	94
74) 2-Chlorotoluene	10.984	126	241257	10.833	ug/l	99
75) 1,3,5-Trimethylbenzene	11.087	105	900918	11.403	ug/l	100
76) 4-Chlorotoluene	11.097	126	250672	10.962	ug/l	100
77) tert-Butylbenzene	11.418	119	782917	11.206	ug/l	96
78) 1,2,4-Trimethylbenzene	11.466	105	901823	11.263	ug/l	98
79) sec-Butylbenzene	11.640	105	1154487	11.350	ug/l	99
80) Nitrobenzene	13.212	77	4037	11.658	ug/l #	92
81) p-Isopropyltoluene	11.791	119	953023	11.601	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	479866	10.591	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	479545	10.806	ug/l	100
84) n-Butylbenzene	12.206	91	879988	11.790	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	435279	10.477	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.994	75	25190	10.520	ug/l	98
87) 1,2,4-Trichlorobenzene	13.839	180	286749	11.965	ug/l	99
88) Hexachlorobutadiene	14.019	225	164178	10.715	ug/l	99
89) Naphthalene	14.084	128	446387	13.047	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	245203	11.802	ug/l	99

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

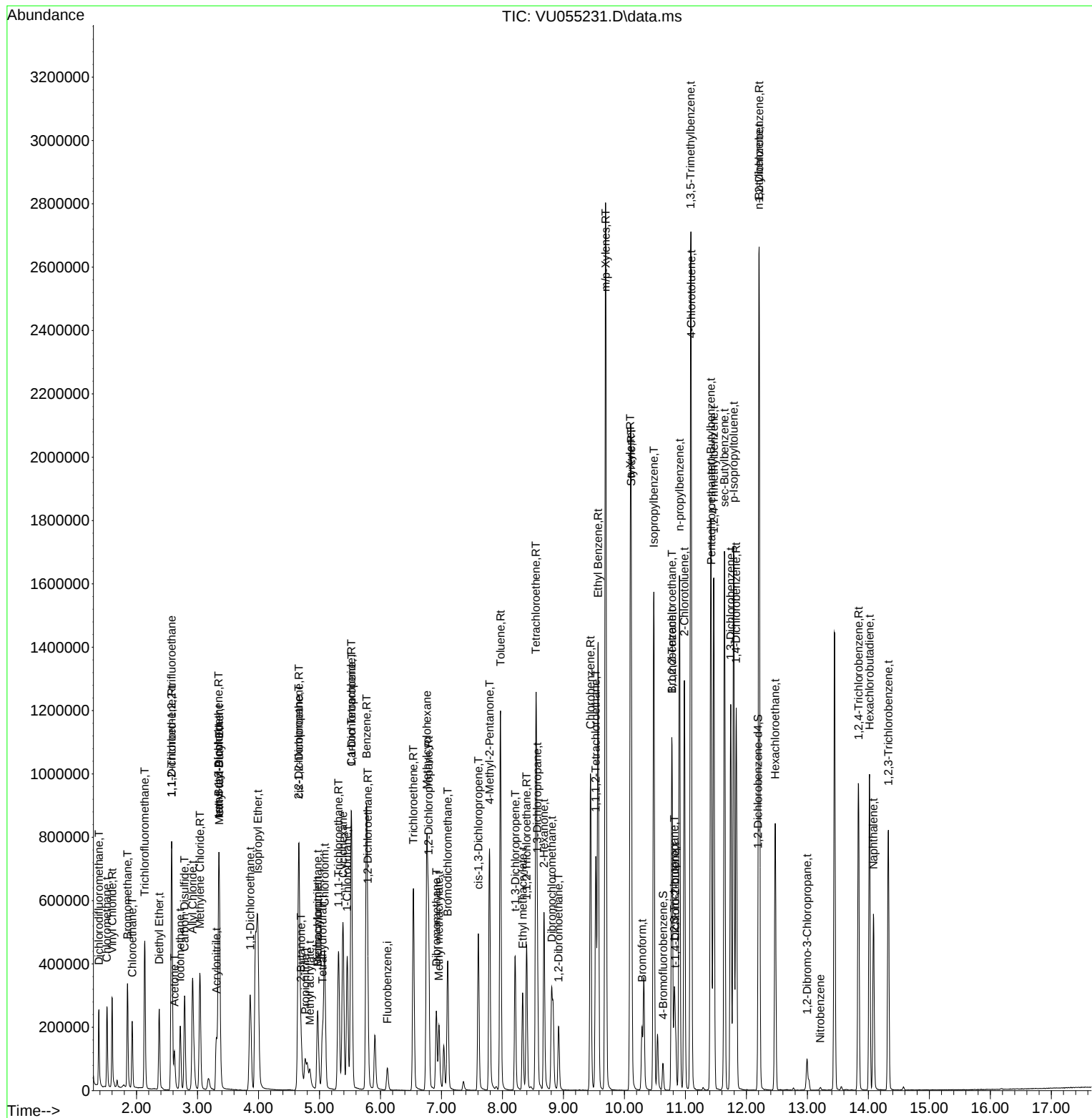
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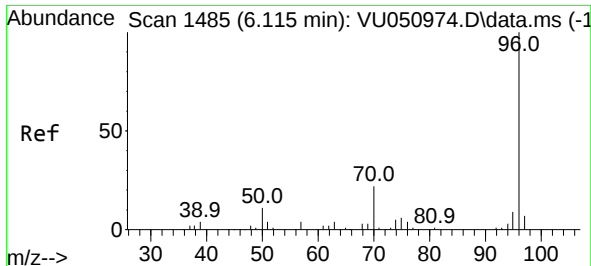
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

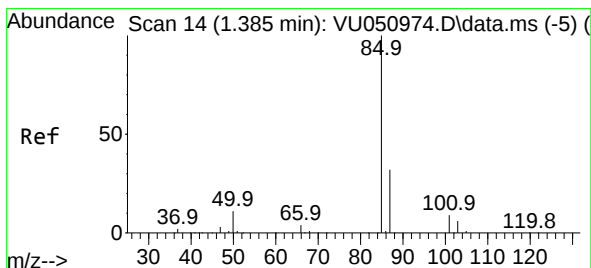
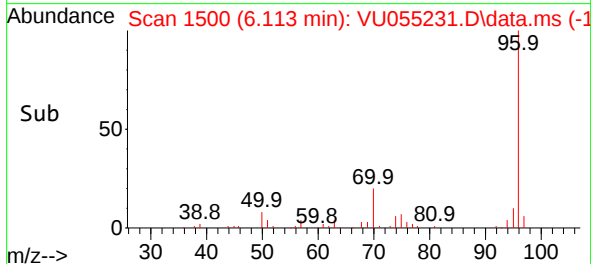
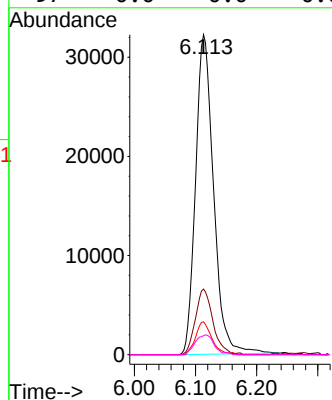
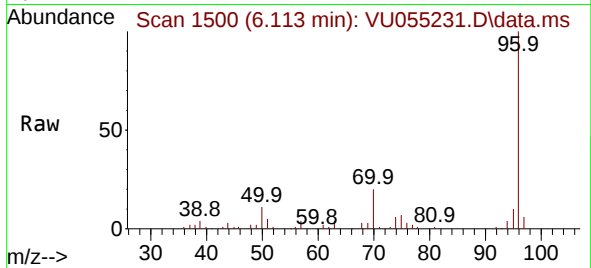
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 96 Resp: 65869

Ion	Ratio	Lower	Upper
96	100		
70	19.4	16.5	24.7
95	9.4	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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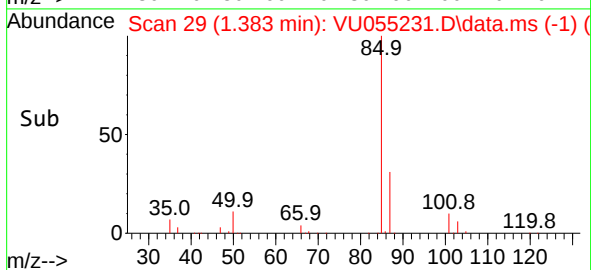
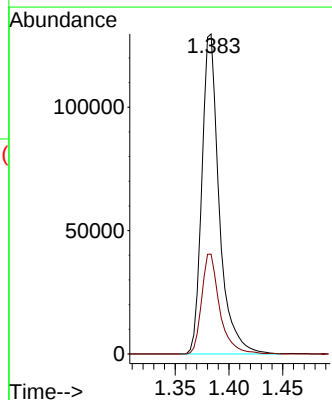
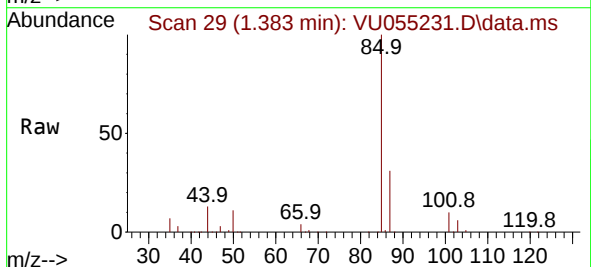
Reviewed By :John Carlone 09/12/2023
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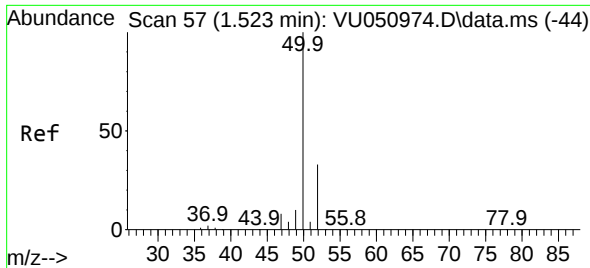


#2
Dichlorodifluoromethane
Concen: 6.393 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 85 Resp: 145726

Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.6





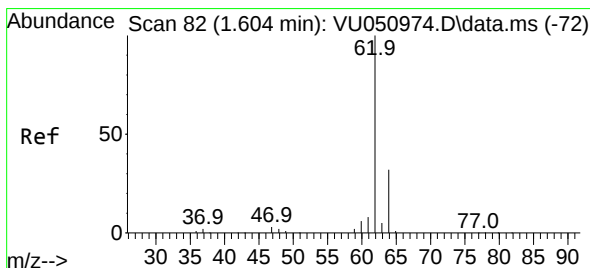
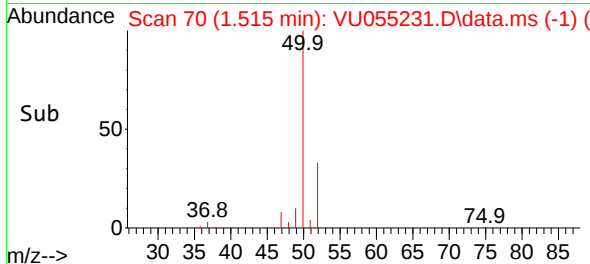
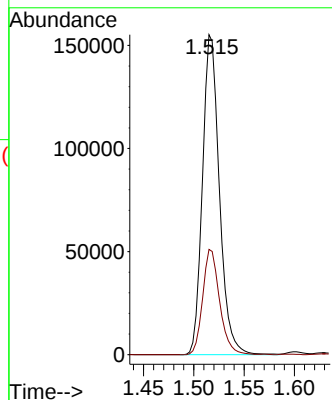
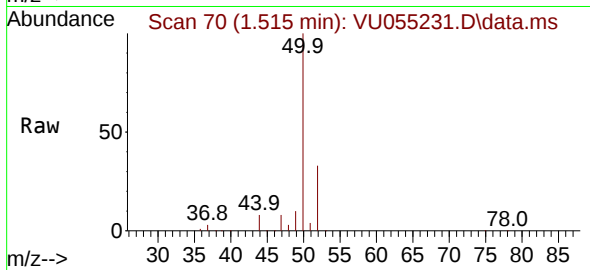
#3
Chloromethane
Concen: 7.606 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.008 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
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ClientSampleId :
ICVVU091123

Tgt Ion: 50 Resp: 181375
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

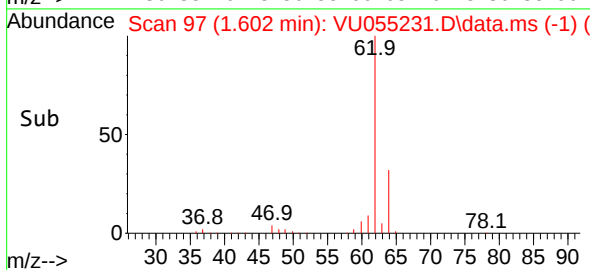
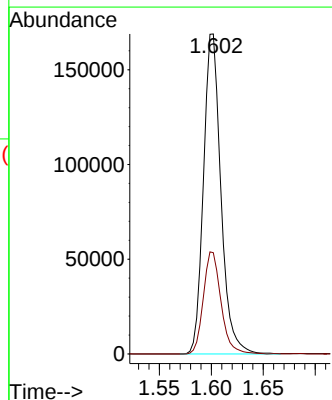
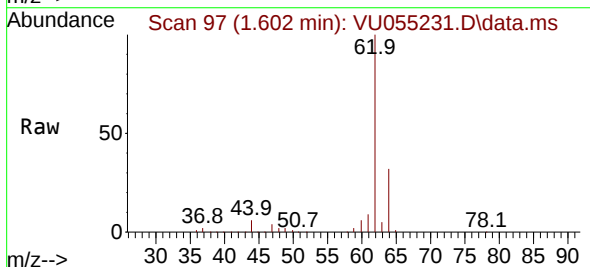
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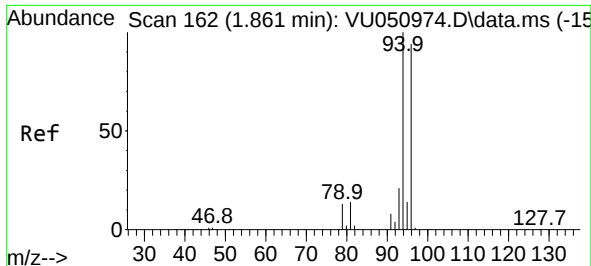
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 7.872 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 62 Resp: 196581
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





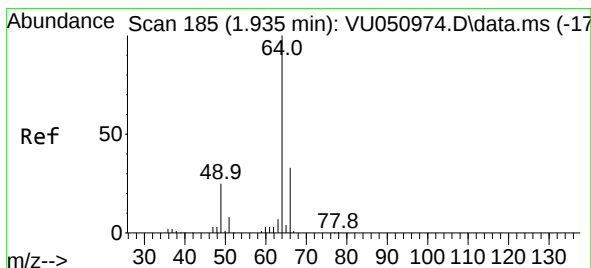
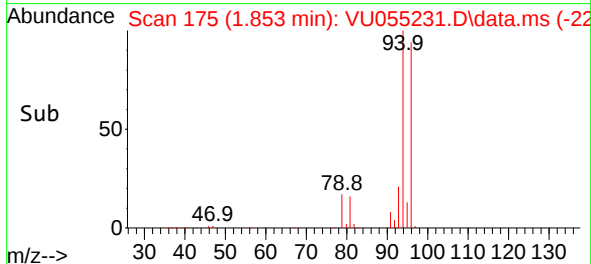
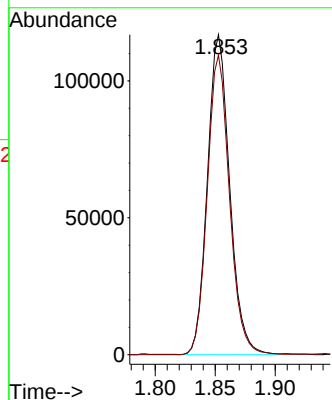
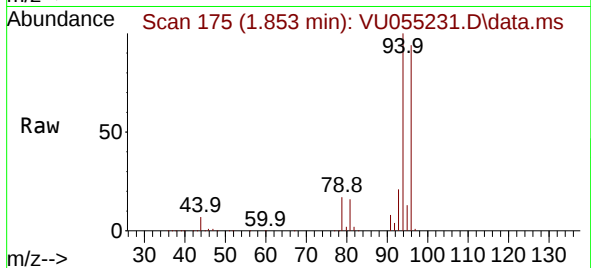
#5
Bromomethane
Concen: 7.674 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.008 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 94 Resp: 151210
Ion Ratio Lower Upper
94 100
96 93.7 75.4 113.2

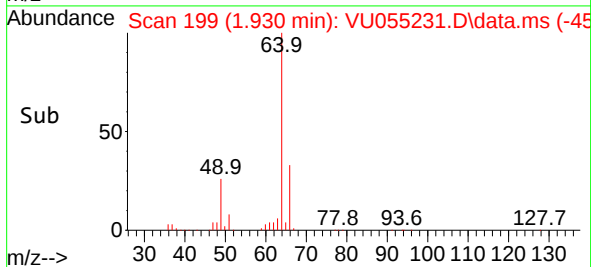
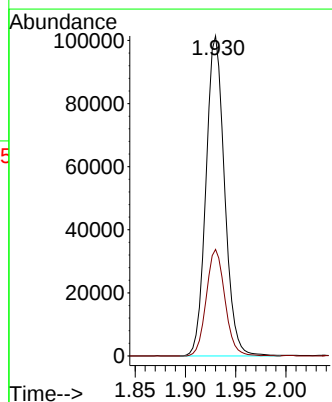
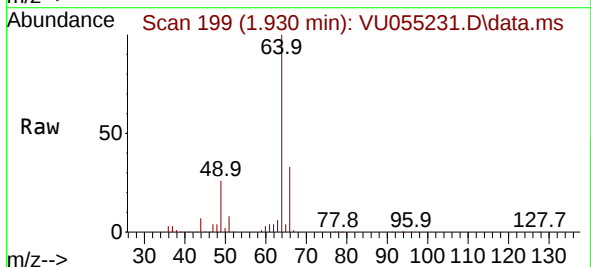
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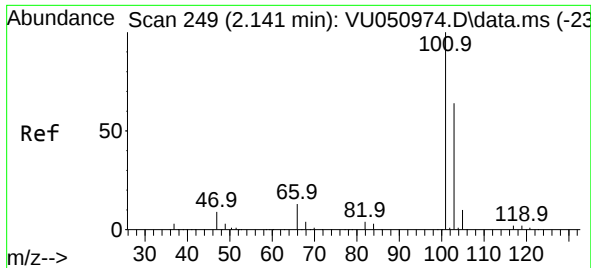
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 8.243 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

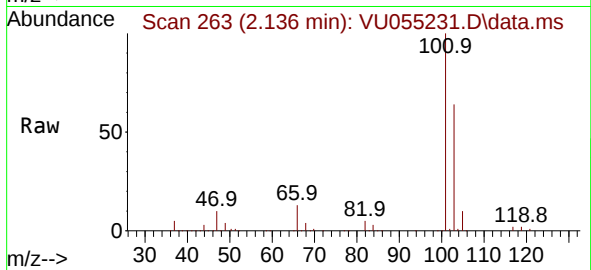
Tgt Ion: 64 Resp: 130340
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0





#7
Trichlorofluoromethane
Concen: 8.563 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.005 min
Lab File: VU055231.D
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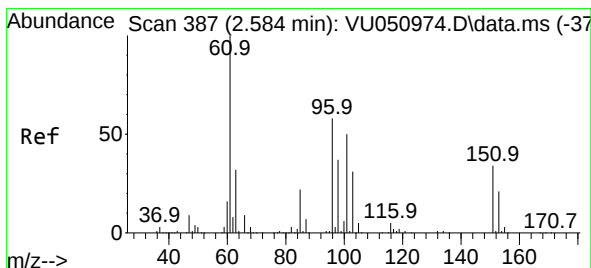
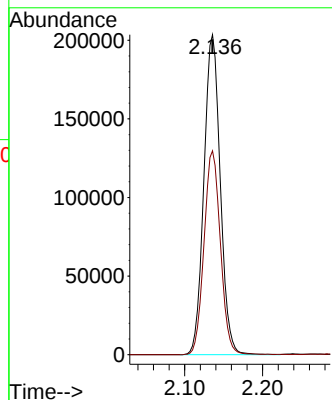
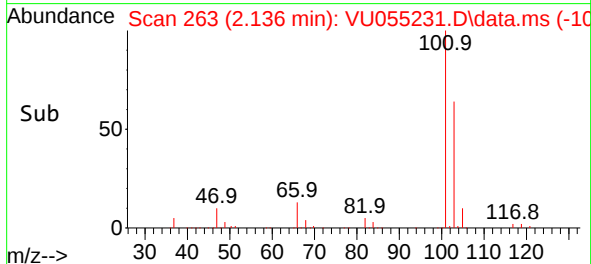
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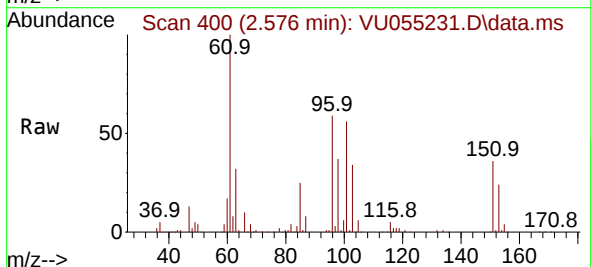
Tgt Ion:101 Resp: 297000
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

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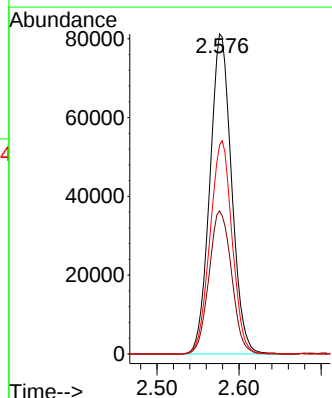
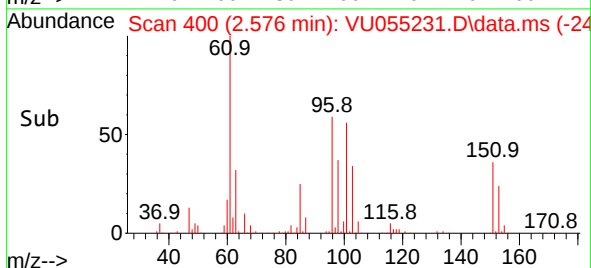
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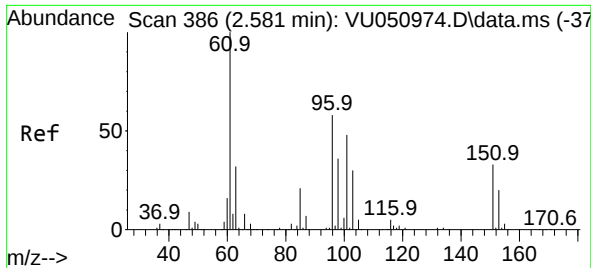


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.485 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.008 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



Tgt Ion:101 Resp: 149081
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.0
151 67.6 54.0 81.0





#9

1,1-Dichloroethene

Concen: 8.748 ug/l

RT: 2.576 min Scan# 400

Delta R.T. -0.005 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 96 Resp: 140592

Ion Ratio Lower Upper

96 100

61 169.1 0.0 521.4

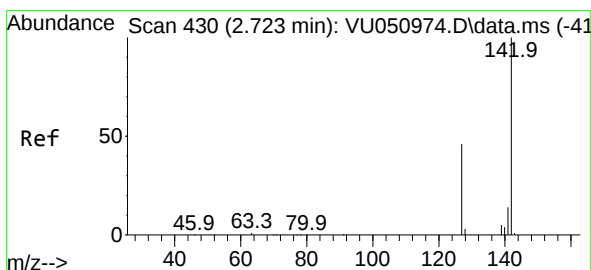
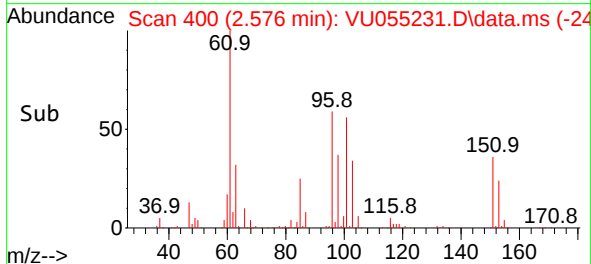
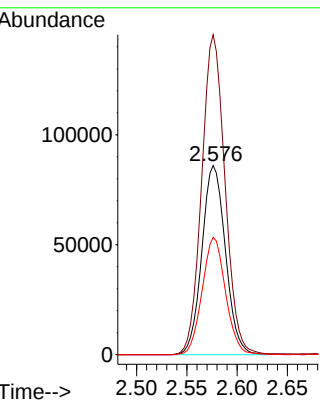
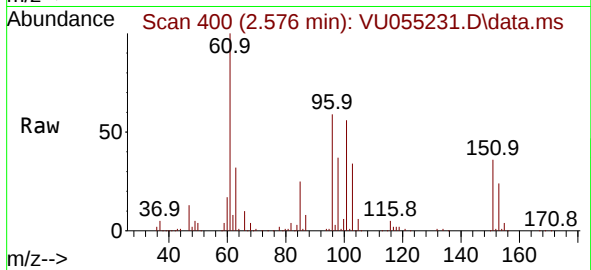
98 62.1 0.0 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#10

Iodomethane

Concen: 9.517 ug/l

RT: 2.718 min Scan# 444

Delta R.T. -0.005 min

Lab File: VU055231.D

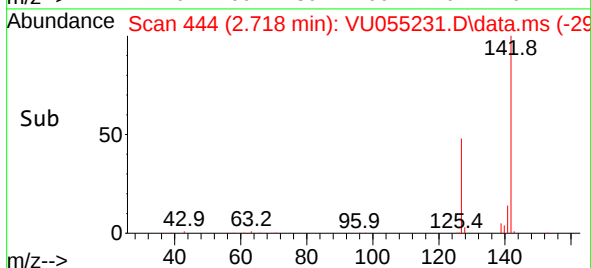
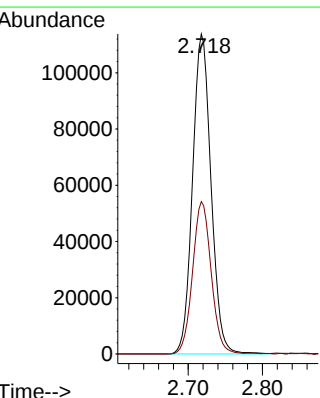
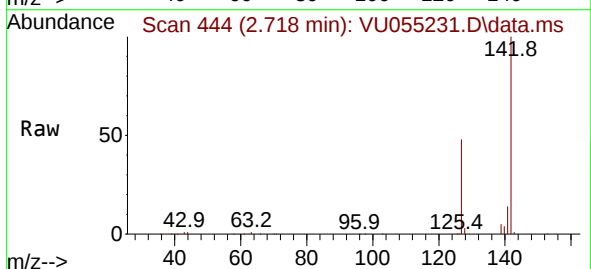
Acq: 11 Sep 2023 12:22

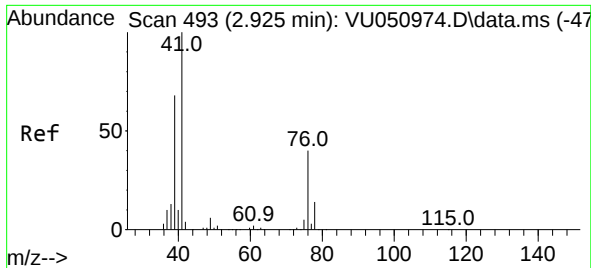
Tgt Ion:142 Resp: 196279

Ion Ratio Lower Upper

142 100

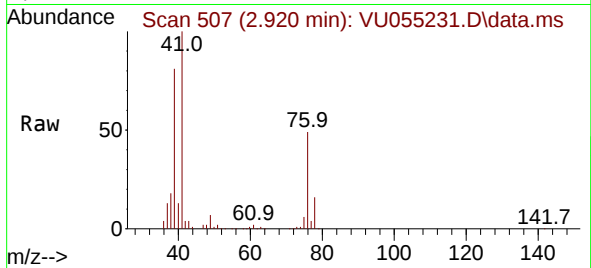
127 48.0 35.9 53.9





#11
 Allyl Chloride
 Concen: 9.954 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.005 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22

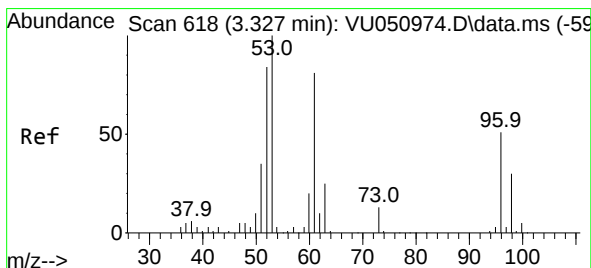
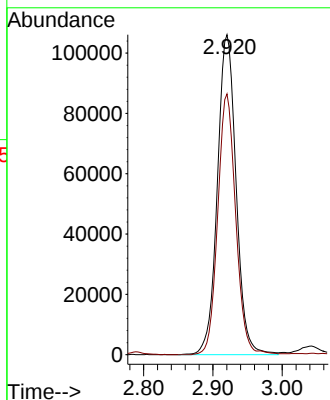
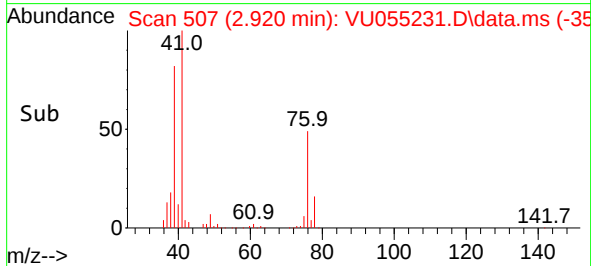
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091123



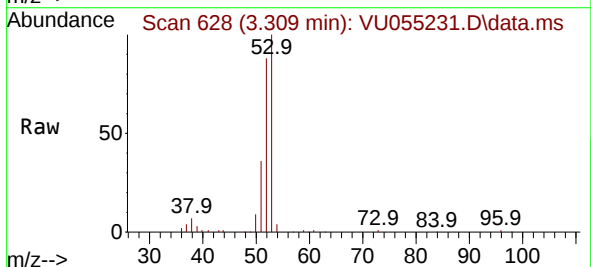
Tgt Ion: 41 Resp: 200020
 Ion Ratio Lower Upper
 41 100
 39 78.2 54.2 81.2

Manual Integrations
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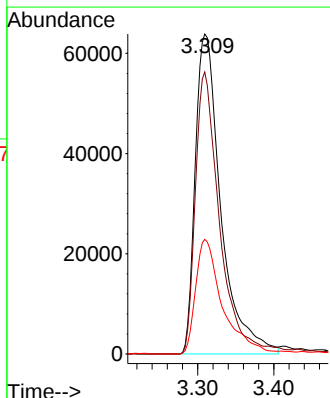
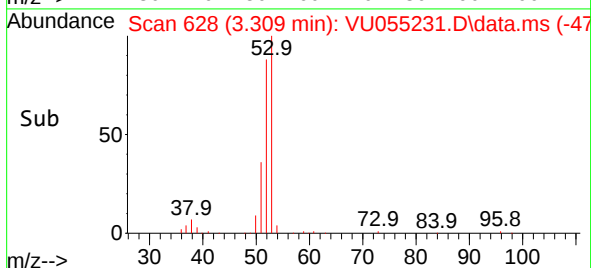
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023

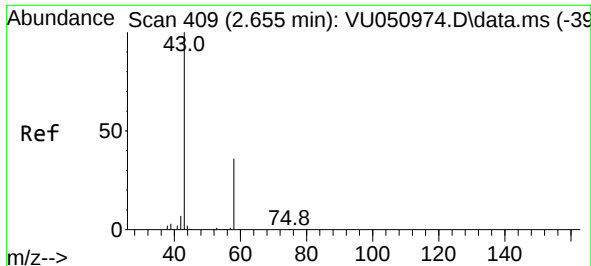


#12
 Acrylonitrile
 Concen: 48.992 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. -0.018 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22



Tgt Ion: 53 Resp: 149661
 Ion Ratio Lower Upper
 53 100
 52 83.5 62.9 94.3
 51 38.0 27.8 41.6





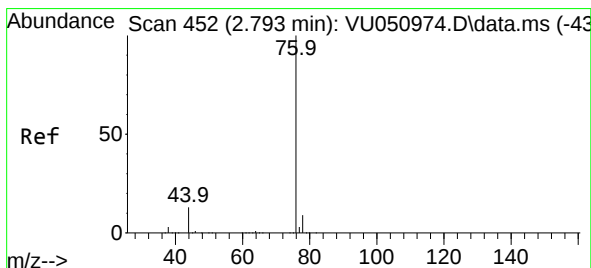
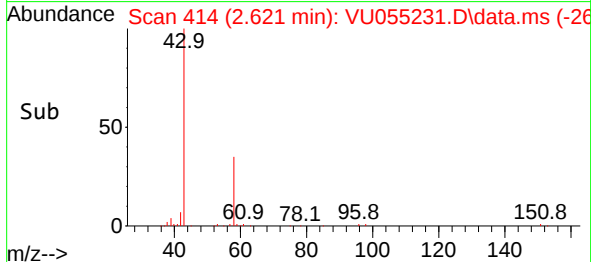
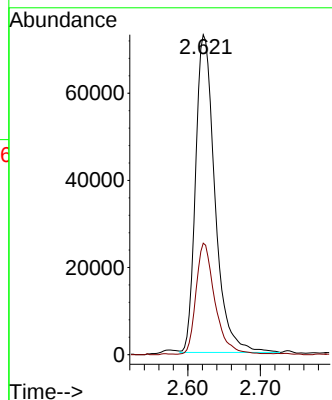
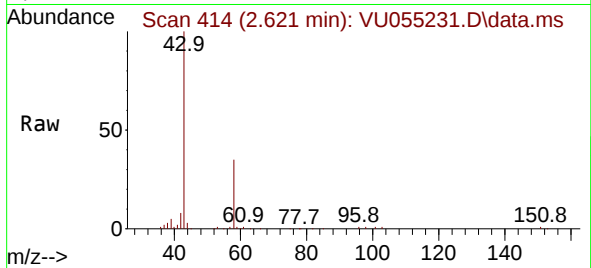
#13
Acetone
Concen: 25.497 ug/l
RT: 2.621 min Scan# 411
Delta R.T. -0.034 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 43 Resp: 13501
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.4

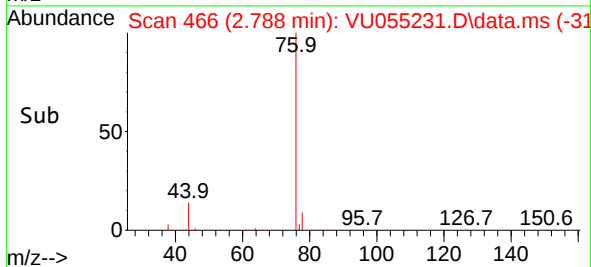
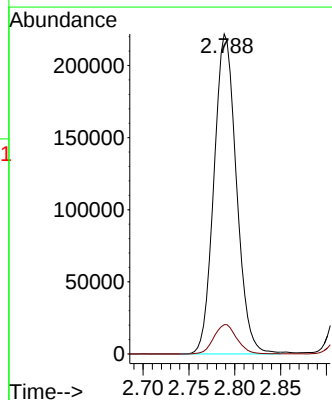
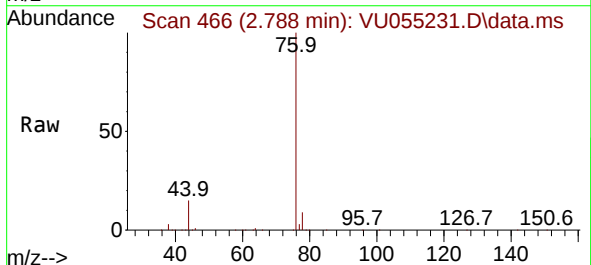
Manual Integrations
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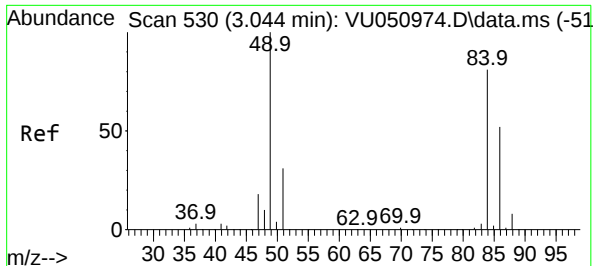
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#14
Carbon Disulfide
Concen: 7.254 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

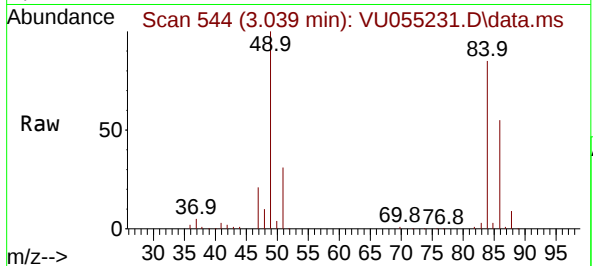
Tgt Ion: 76 Resp: 377819
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.018 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

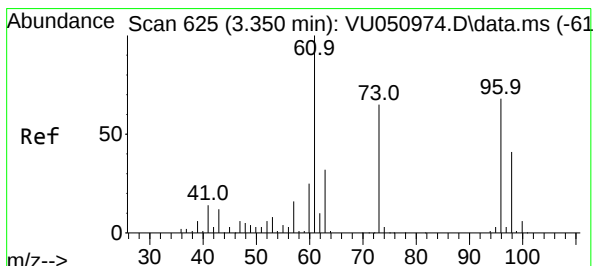
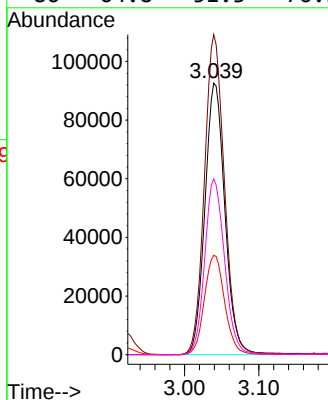
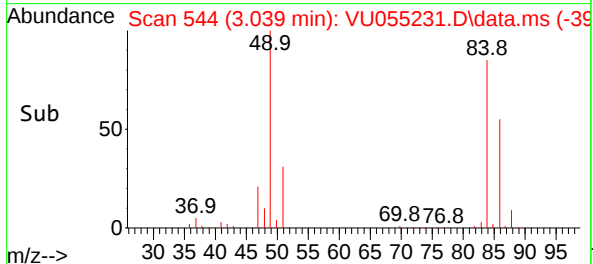
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 84 Resp: 173498
Ion Ratio Lower Upper
84 100
49 117.8 98.9 148.3
51 36.6 0.0 75.4
86 64.8 51.3 76.9

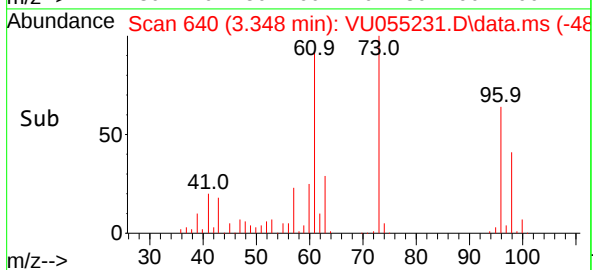
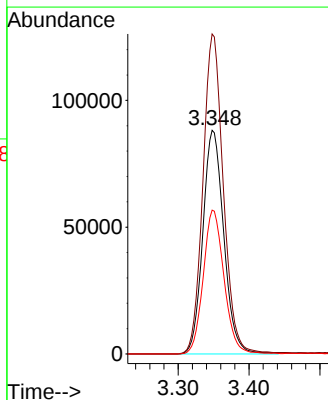
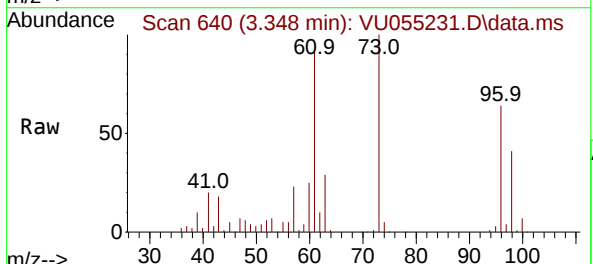
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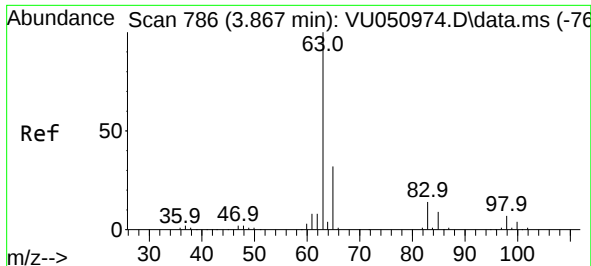
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#16
trans-1,2-Dichloroethene
Concen: 9.460 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 96 Resp: 181232
Ion Ratio Lower Upper
96 100
61 143.1 117.5 176.3
98 64.3 48.3 72.5





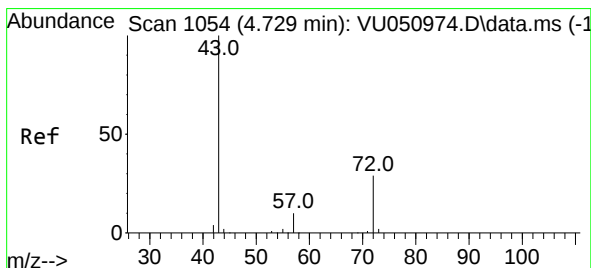
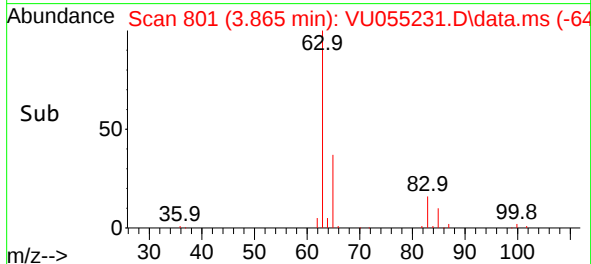
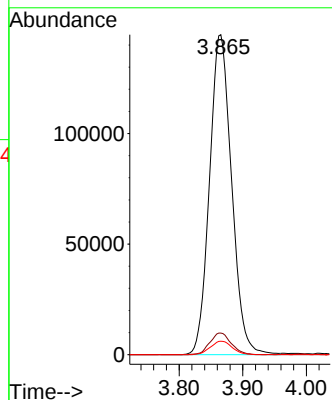
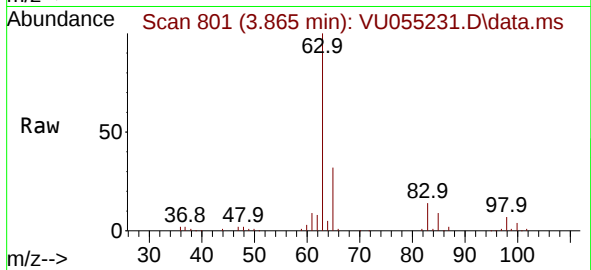
#17
1,1-Dichloroethane
Concen: 9.568 ug/l
RT: 3.865 min Scan# 801
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 63 Resp: 349124
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 4.3 2.2 6.6

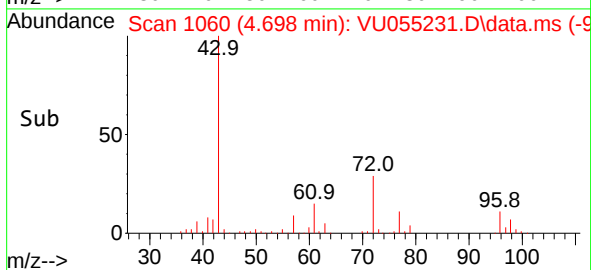
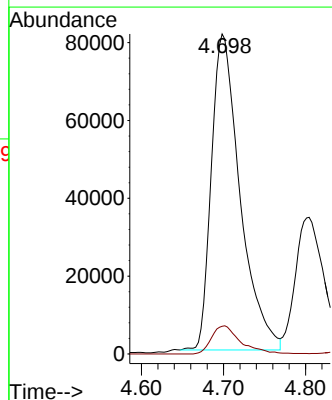
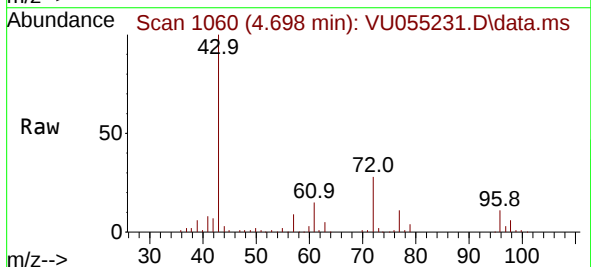
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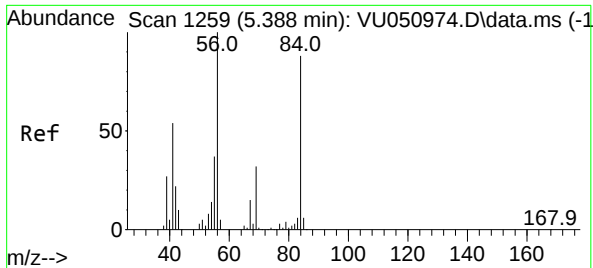
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
2-Butanone
Concen: 32.659 ug/l
RT: 4.698 min Scan# 1060
Delta R.T. -0.031 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

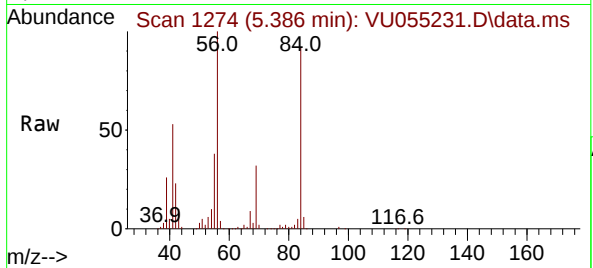
Tgt Ion: 43 Resp: 197227
Ion Ratio Lower Upper
43 100
57 8.8 0.0 19.6





#19
Cyclohexane
Concen: 8.692 ug/l
RT: 5.386 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

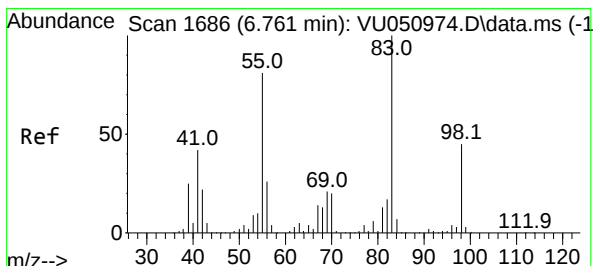
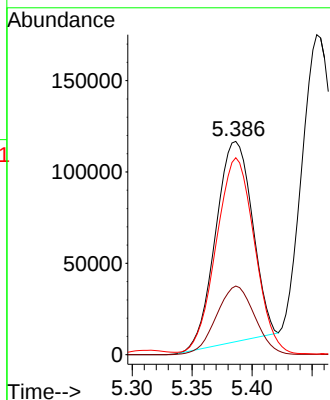
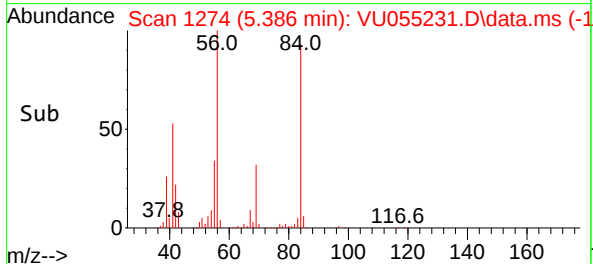
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 56 Resp: 234199
Ion Ratio Lower Upper
56 100
69 35.6 24.6 37.0
84 101.4 68.4 102.6

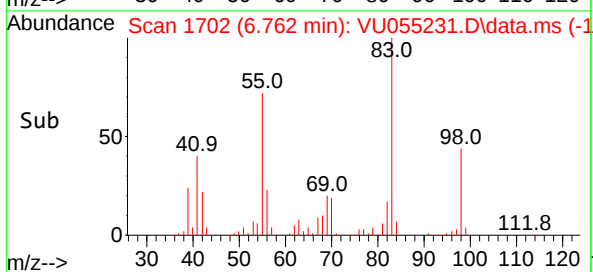
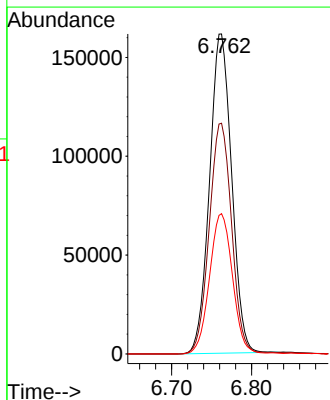
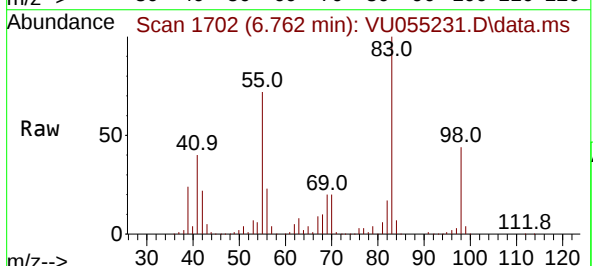
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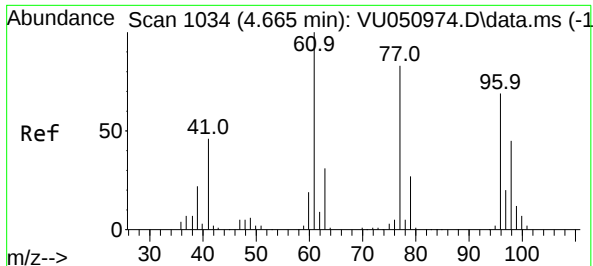
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylcyclohexane
Concen: 9.240 ug/l
RT: 6.762 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 83 Resp: 309469
Ion Ratio Lower Upper
83 100
55 73.0 63.5 95.3
98 45.2 36.0 54.0





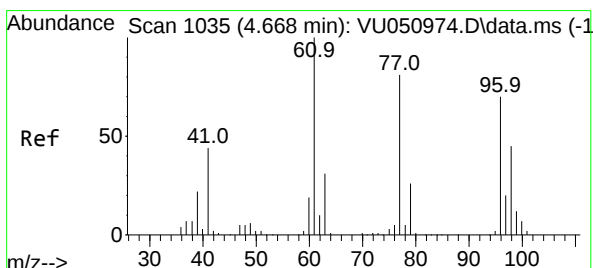
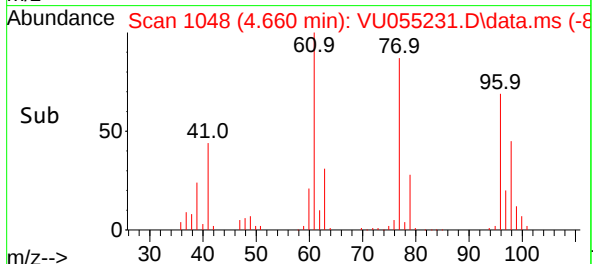
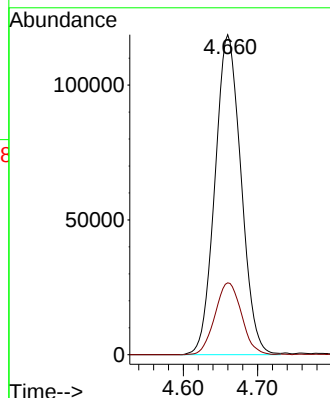
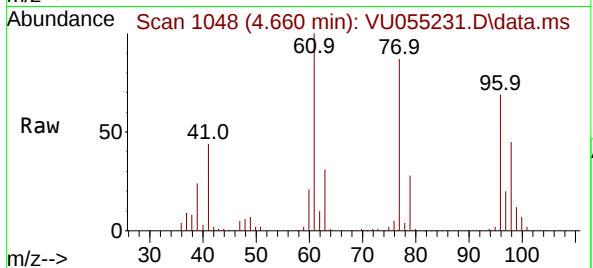
#21
2,2-Dichloropropane
Concen: 9.862 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 77 Resp: 28980
Ion Ratio Lower Upper
77 100
97 22.9 18.4 27.6

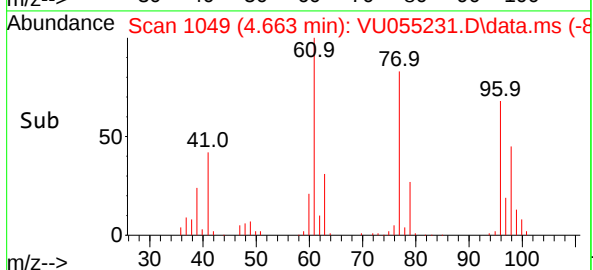
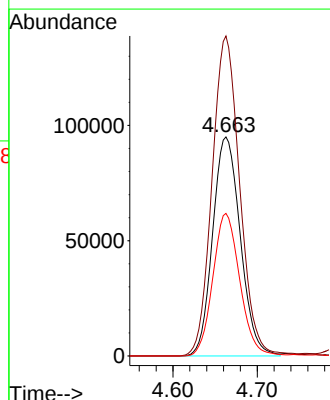
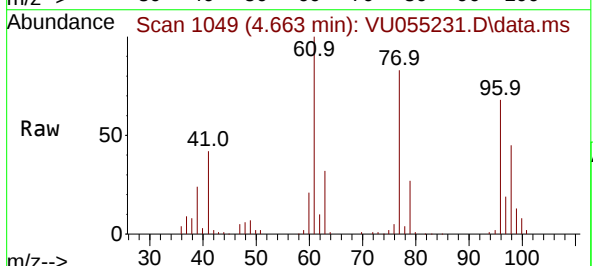
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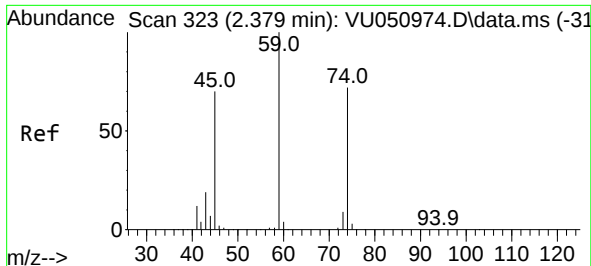
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
cis-1,2-Dichloroethene
Concen: 8.835 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

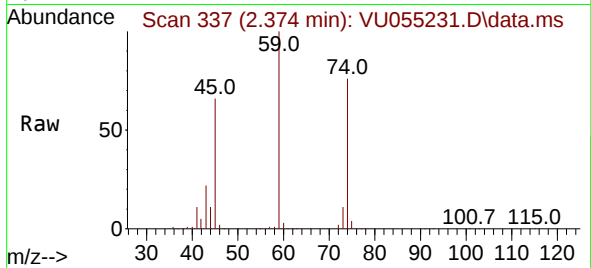
Tgt Ion: 96 Resp: 216531
Ion Ratio Lower Upper
96 100
61 146.1 0.0 365.8
98 63.3 32.0 96.0





#23
Diethyl Ether
Concen: 9.117 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

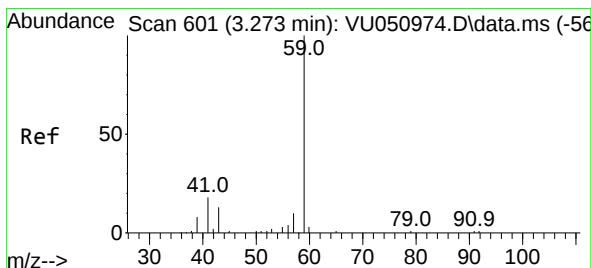
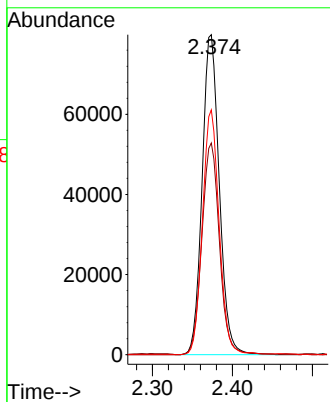
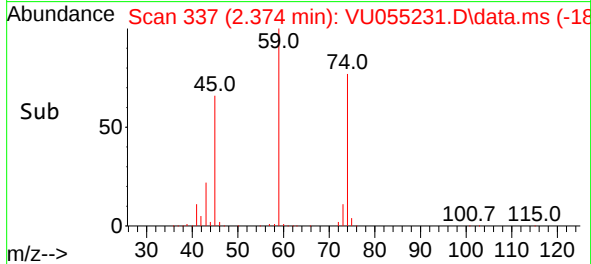
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 59 Resp: 11941
Ion Ratio Lower Upper
59 100
45 67.6 56.1 84.1
74 74.1 57.4 86.2

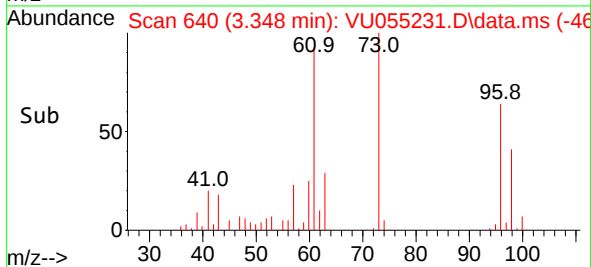
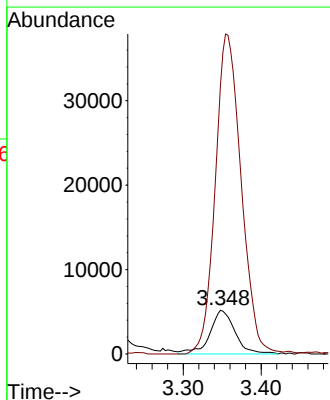
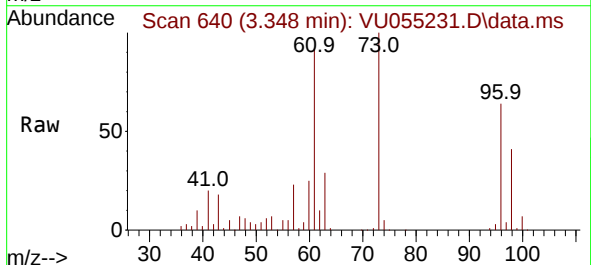
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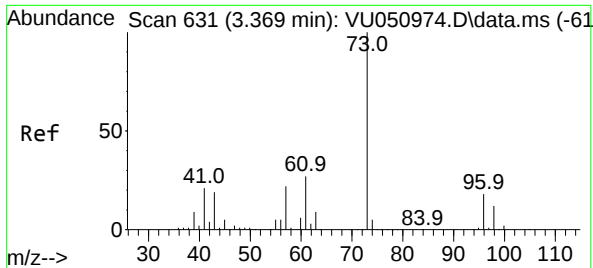
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#24
tert-Butyl Alcohol
Concen: 11.427 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.075 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

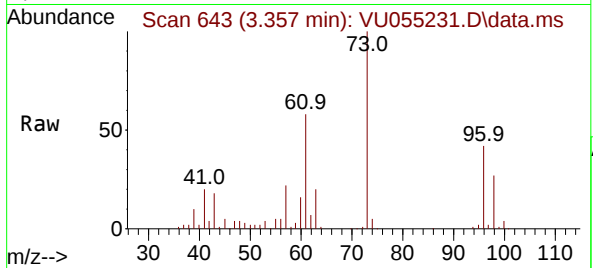
Tgt Ion: 59 Resp: 11629
Ion Ratio Lower Upper
59 100
57 751.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.756 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.012 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

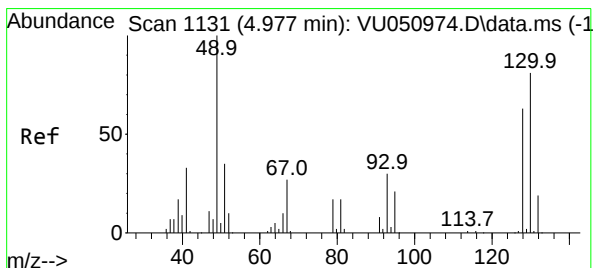
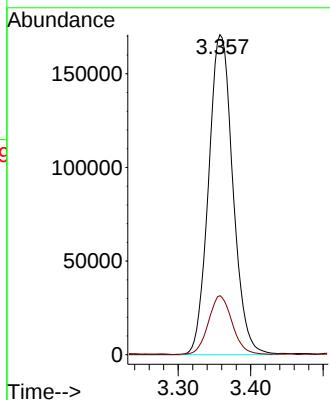
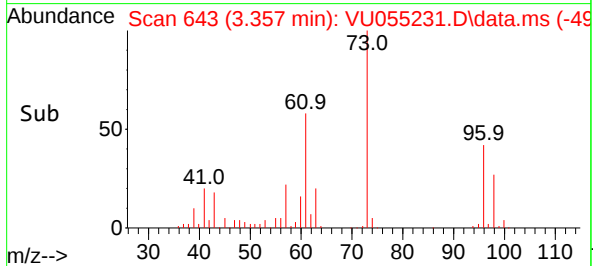
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



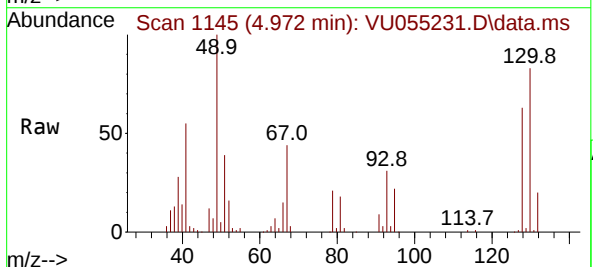
Tgt Ion: 73 Resp: 398504
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6

Manual Integrations
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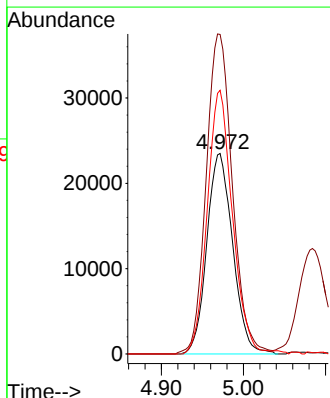
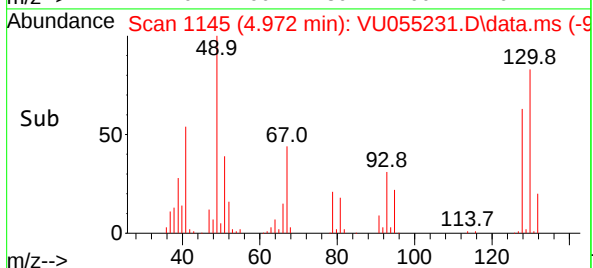
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

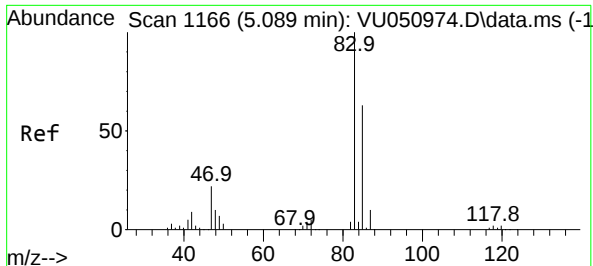


#26
Bromochloromethane
Concen: 5.766 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



Tgt Ion:128 Resp: 51445
Ion Ratio Lower Upper
128 100
49 161.6 0.0 324.6
130 128.0 103.0 154.4





#27

Chloroform

Concen: 9.574 ug/l

RT: 5.084 min Scan# 1166

Delta R.T. -0.005 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 83 Resp: 369464

Ion Ratio Lower Upper

83 100

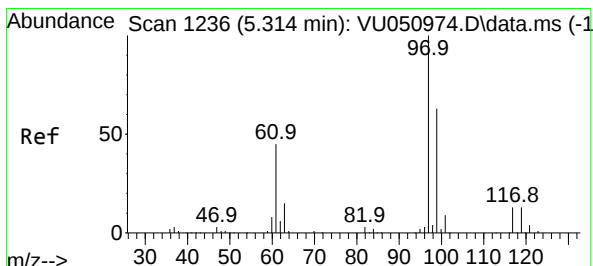
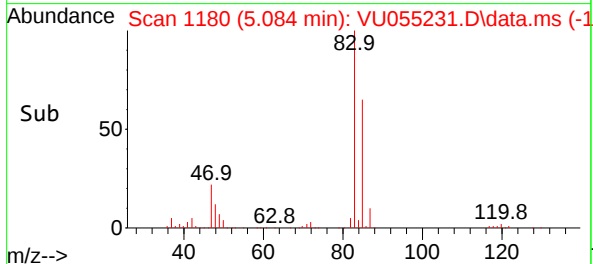
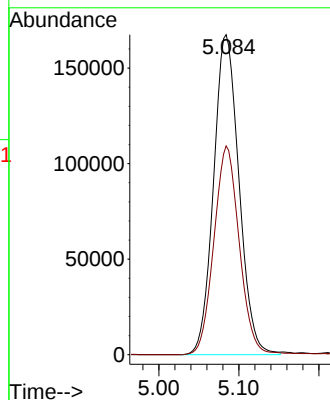
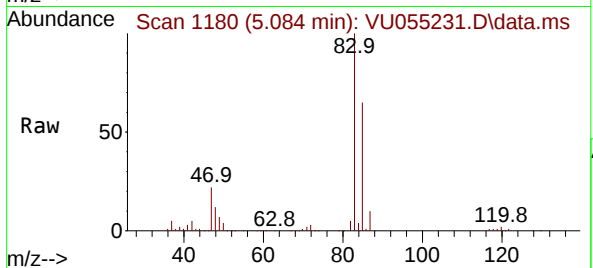
85 65.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

1,1,1-Trichloroethane

Concen: 9.545 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

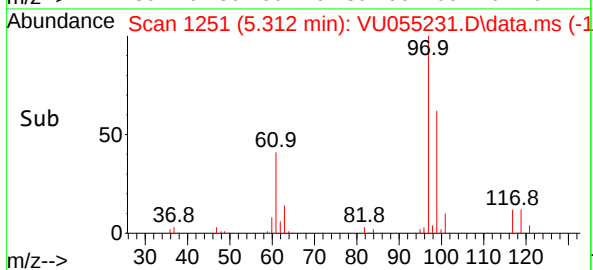
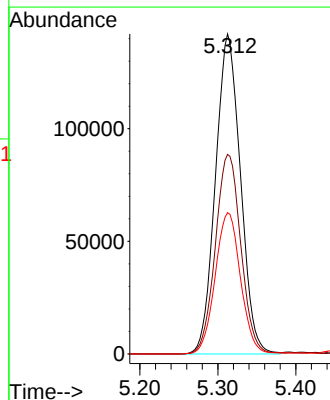
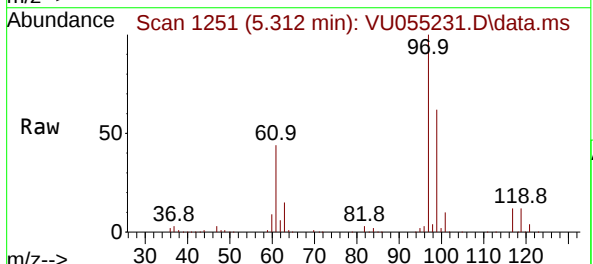
Tgt Ion: 97 Resp: 316961

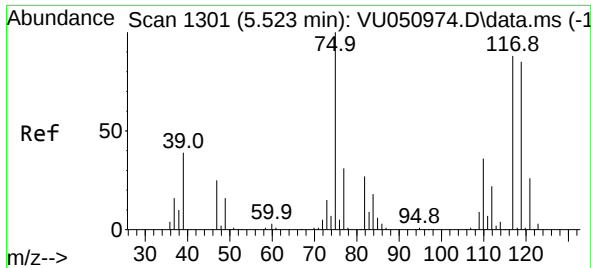
Ion Ratio Lower Upper

97 100

99 63.6 32.0 96.2

61 44.8 22.9 68.5





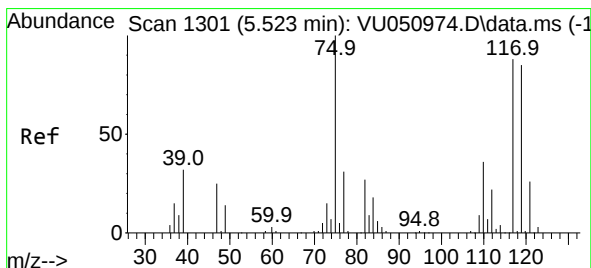
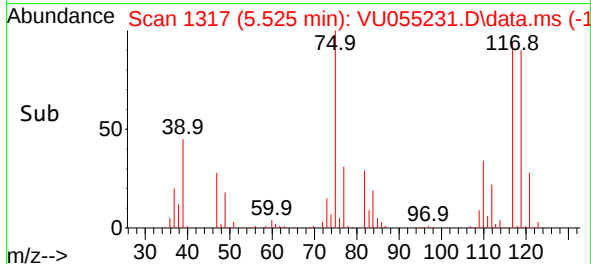
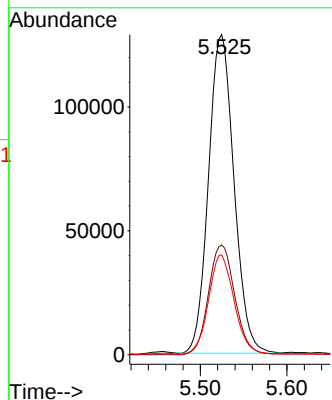
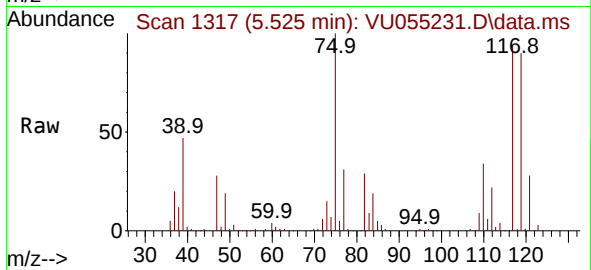
#29
1,1-Dichloropropene
Concen: 9.566 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 75 Resp: 263574
Ion Ratio Lower Upper
75 100
110 35.5 18.0 54.0
77 31.1 24.7 37.1

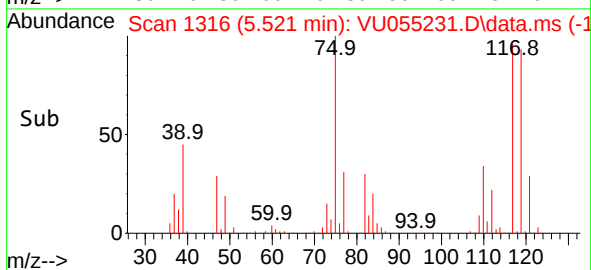
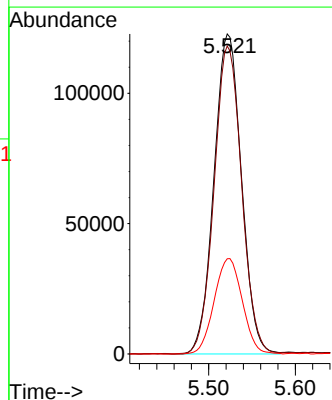
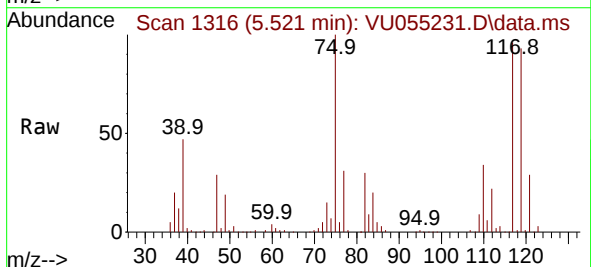
Manual Integrations
APPROVED

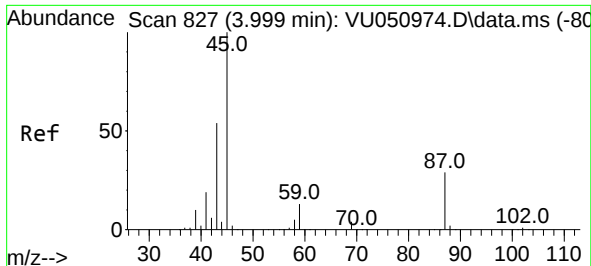
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#30
Carbon Tetrachloride
Concen: 9.380 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

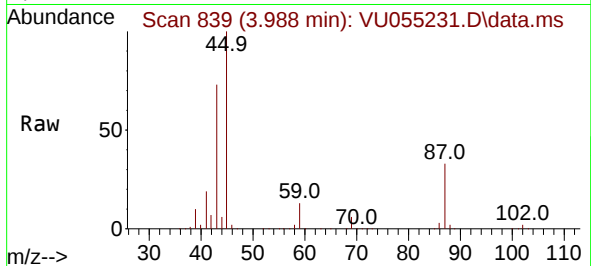
Tgt Ion:117 Resp: 270687
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
121 29.8 24.0 36.0





#31
Isopropyl Ether
Concen: 10.754 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.011 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

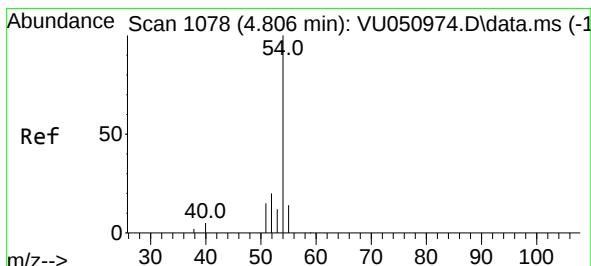
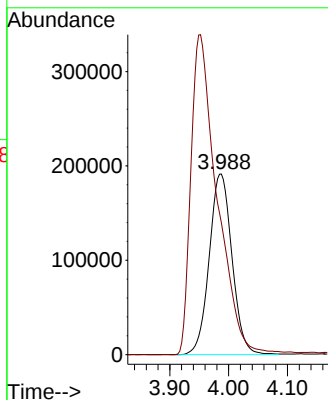
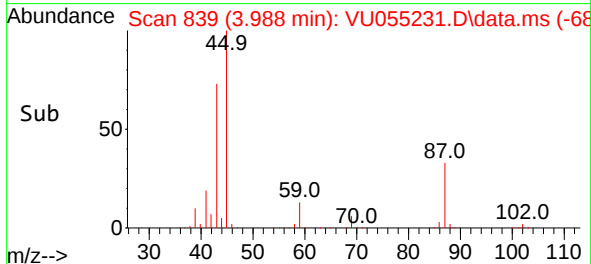
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 45 Resp: 51538
Ion Ratio Lower Upper
45 100
43 203.5 27.5 82.5

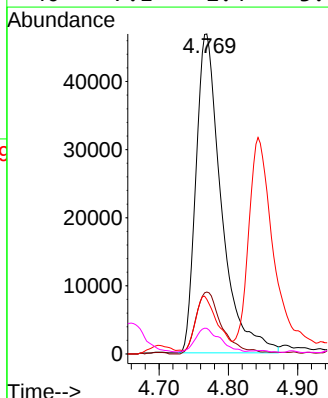
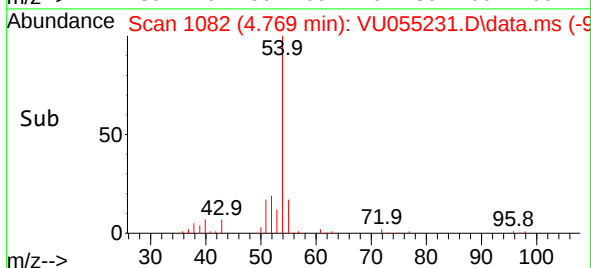
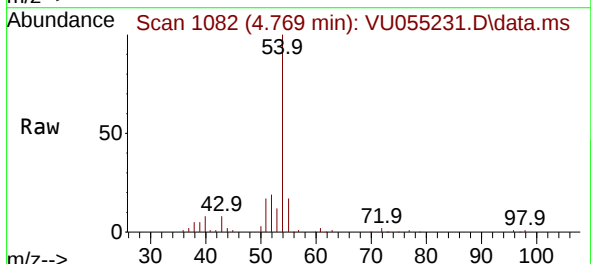
Manual Integrations
APPROVED

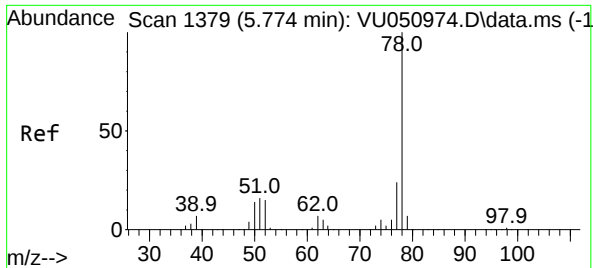
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#34
Propionitrile
Concen: 109.069 ug/l
RT: 4.769 min Scan# 1082
Delta R.T. -0.037 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 54 Resp: 119201
Ion Ratio Lower Upper
54 100
52 19.9 17.4 26.0
55 14.5 104.1 156.1#
40 7.1 2.4 3.6#





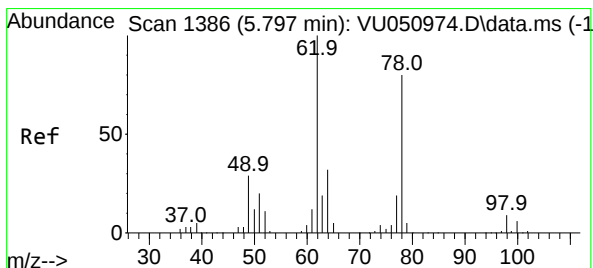
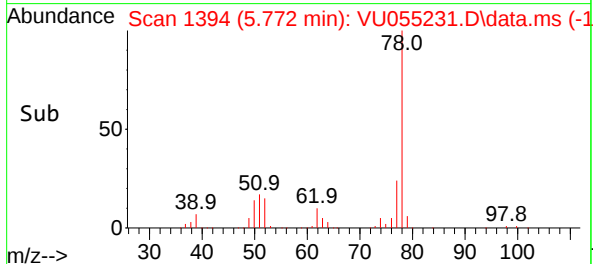
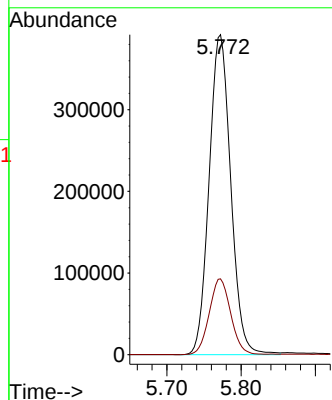
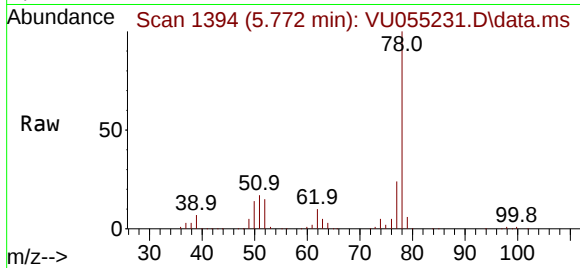
#35
Benzene
Concen: 9.740 ug/l
RT: 5.772 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 78 Resp: 792889
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

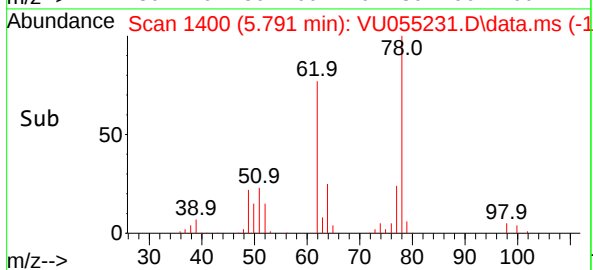
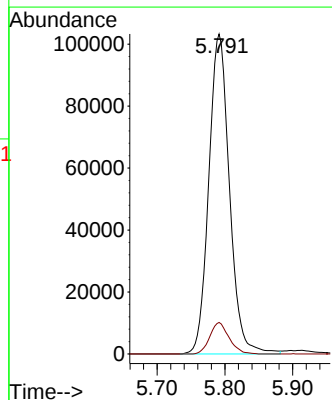
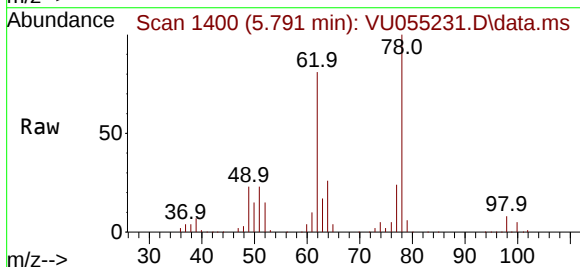
Manual Integrations
APPROVED

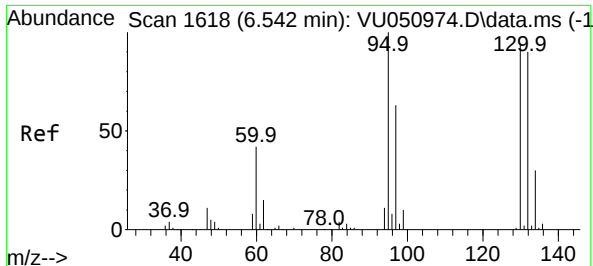
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#36
1,2-Dichloroethane
Concen: 9.639 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 62 Resp: 218967
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37

Trichloroethene

Concen: 8.902 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion:130 Resp: 211720

Ion Ratio Lower Upper

130 100

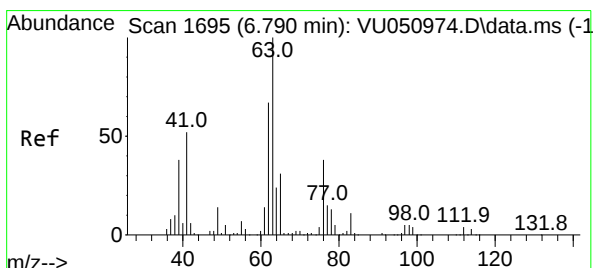
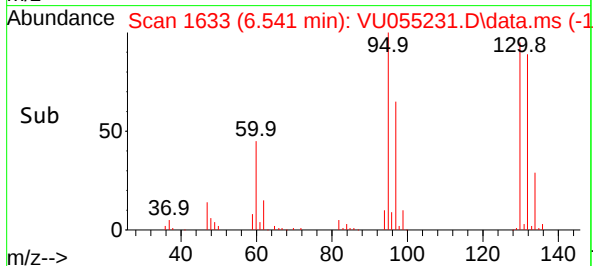
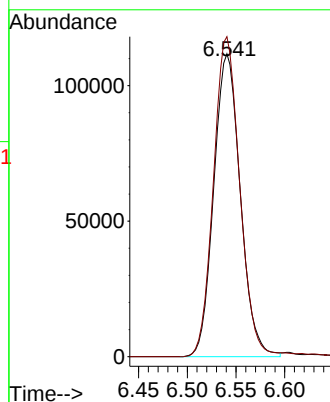
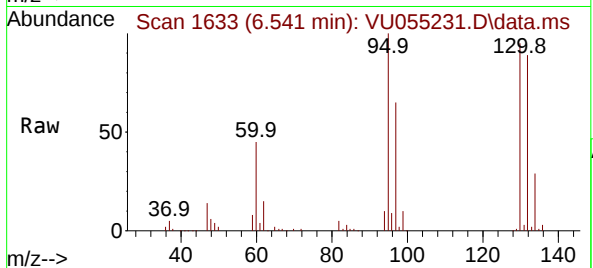
95 105.7 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#38

1,2-Dichloropropane

Concen: 9.651 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. -0.002 min

Lab File: VU055231.D

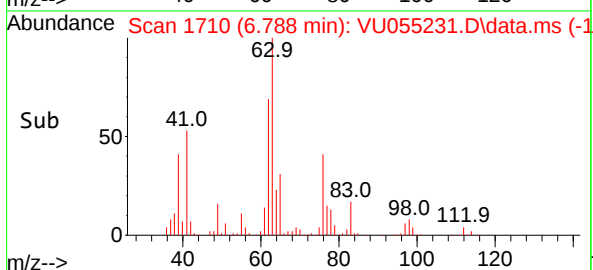
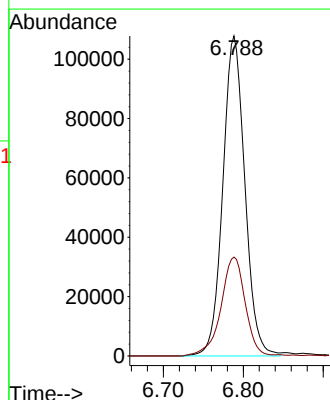
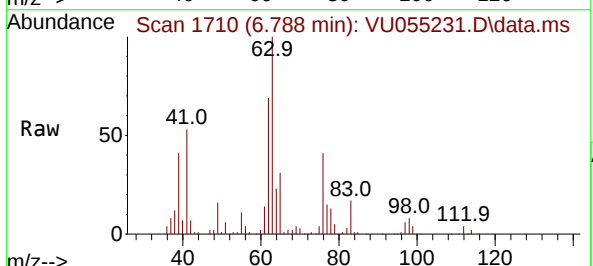
Acq: 11 Sep 2023 12:22

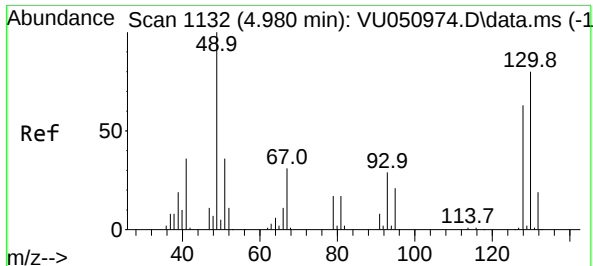
Tgt Ion: 63 Resp: 206137

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3





#39

Methacrylonitrile

Concen: 10.552 ug/l

RT: 4.972 min Scan# 1132

Delta R.T. -0.008 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 41 Resp: 4598

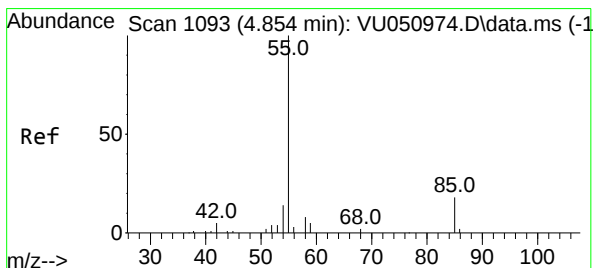
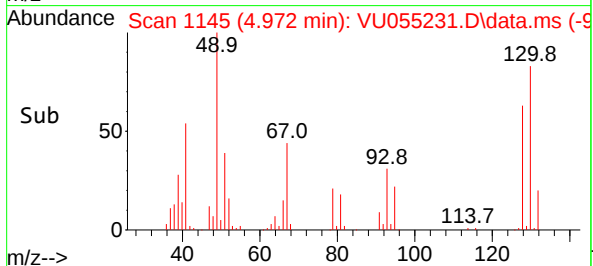
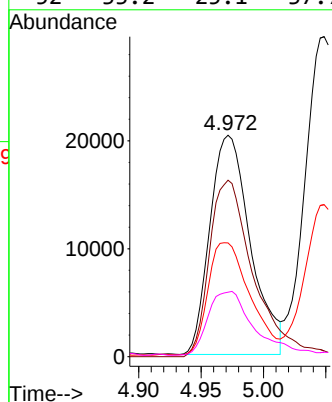
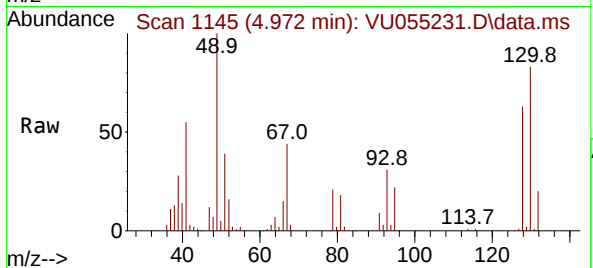
Ion	Ratio	Lower	Upper
41	100		
67	87.8	66.8	100.2
39	53.1	41.2	61.8
52	33.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Methyl acrylate

Concen: 10.426 ug/l

RT: 4.843 min Scan# 1105

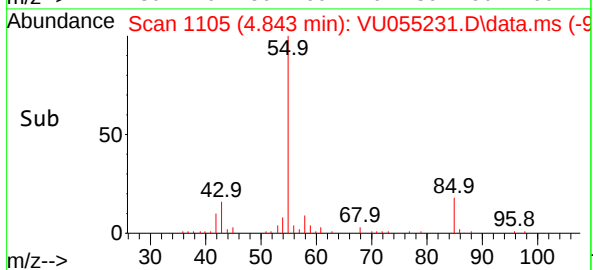
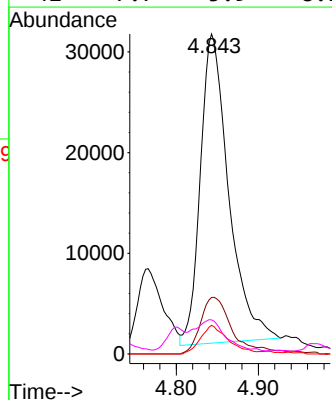
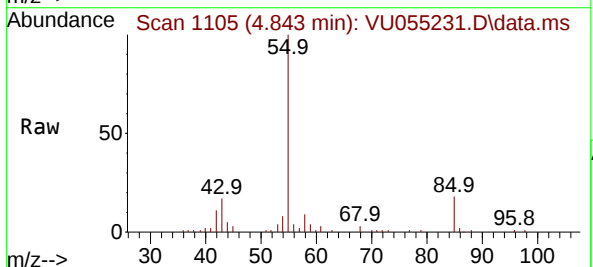
Delta R.T. -0.011 min

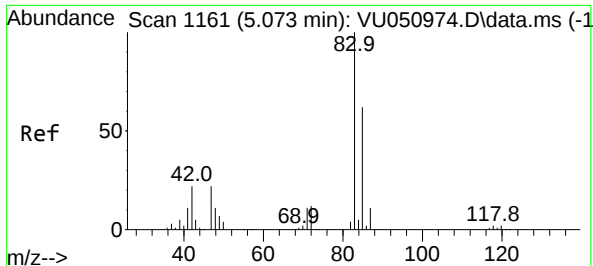
Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Tgt Ion: 55 Resp: 73585

Ion	Ratio	Lower	Upper
55	100		
85	20.6	13.3	19.9#
58	9.0	6.5	9.7
42	7.7	5.9	8.9





#41

Tetrahydrofuran

Concen: 50.220 ug/l

RT: 5.049 min Scan# 1161

Delta R.T. -0.024 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 42 Resp: 12141

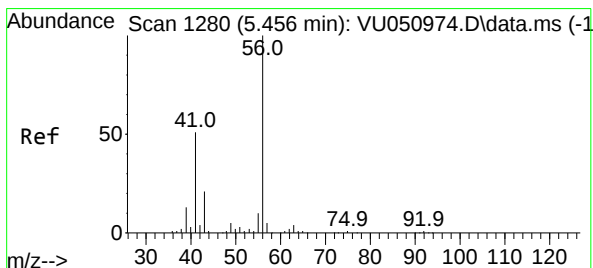
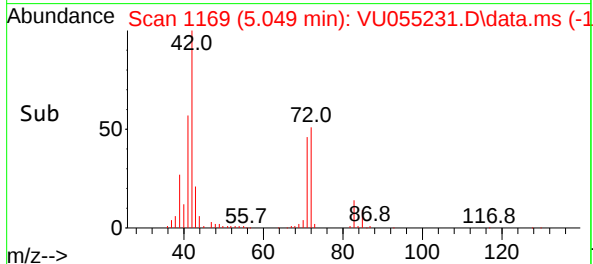
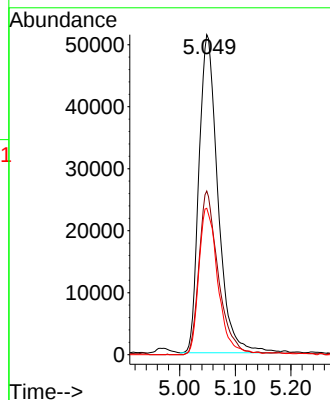
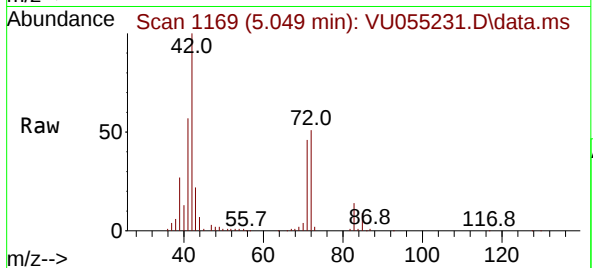
Ion	Ratio	Lower	Upper
42	100		
72	52.1	40.9	61.3
71	46.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#42

1-Chlorobutane

Concen: 10.094 ug/l

RT: 5.454 min Scan# 1295

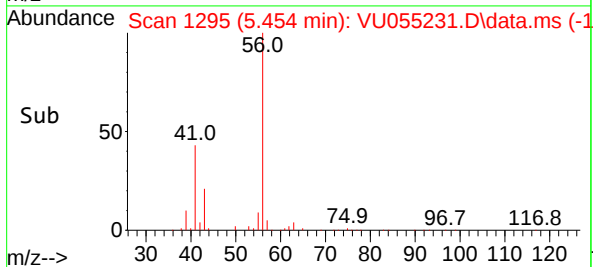
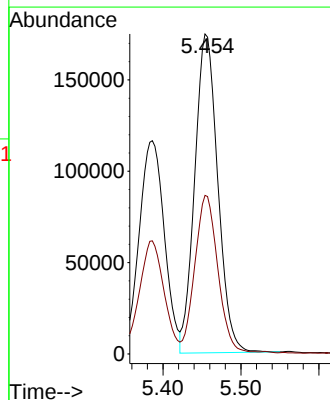
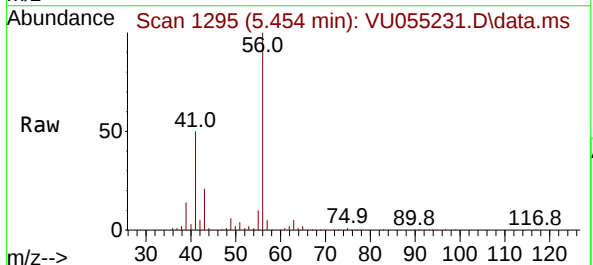
Delta R.T. -0.002 min

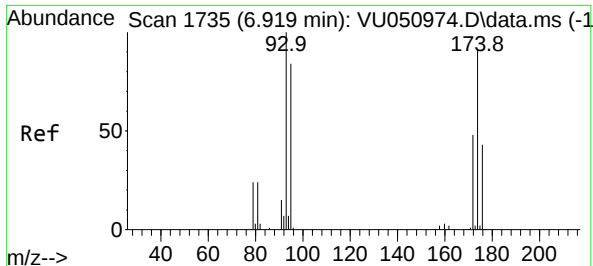
Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Tgt Ion: 56 Resp: 358720

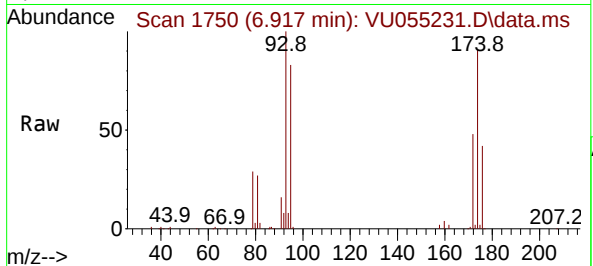
Ion	Ratio	Lower	Upper
56	100		
41	48.8	25.2	75.6





#43
Dibromomethane
Concen: 10.124 ug/l
RT: 6.917 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

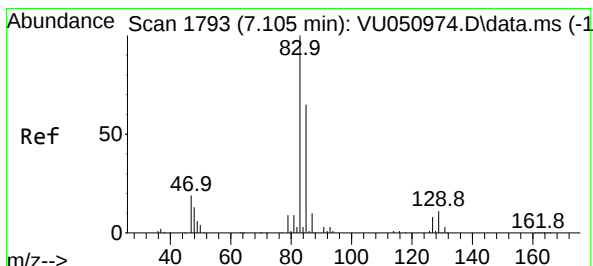
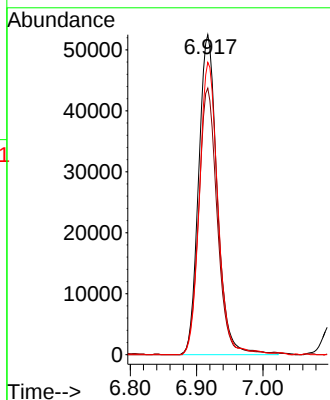
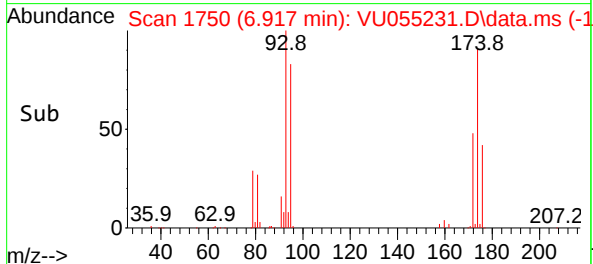
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 93 Resp: 102249
Ion Ratio Lower Upper
93 100
95 83.1 67.0 100.6
174 89.7 73.8 110.6

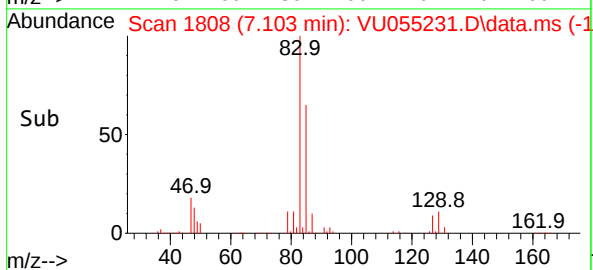
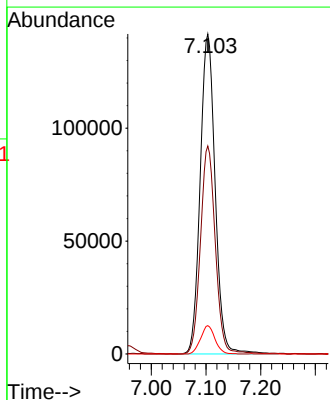
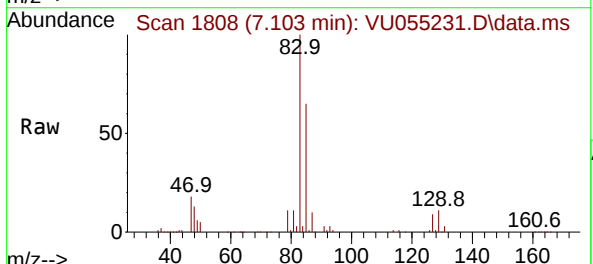
Manual Integrations
APPROVED

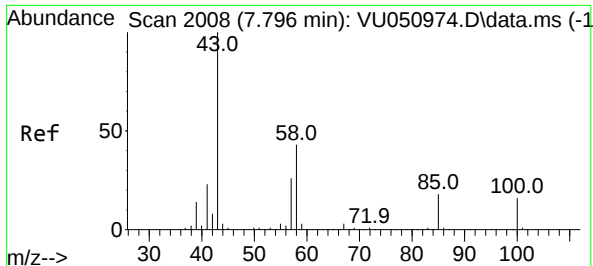
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#44
Bromodichloromethane
Concen: 10.293 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion: 83 Resp: 269249
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 8.9 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 50.045 ug/l

RT: 7.788 min Scan# 2008

Delta R.T. -0.008 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

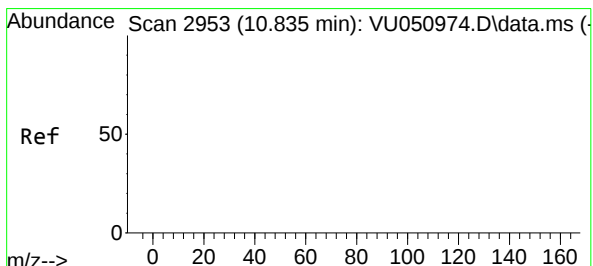
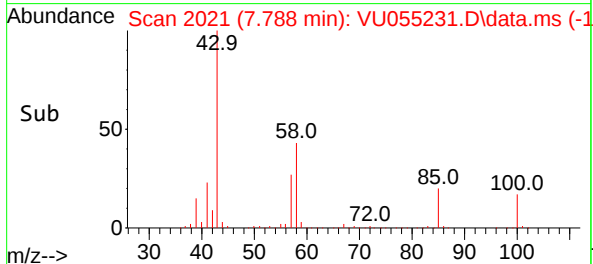
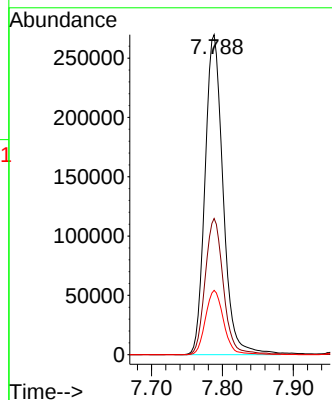
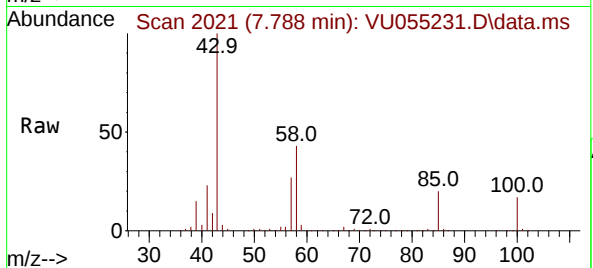
Tgt Ion:	43	Resp:	479429
Ion	Ratio	Lower	Upper
43	100		
58	42.9	20.9	62.8
85	20.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

t-1,4-Dichloro-2-butene

Concen: 11.082 ug/l m

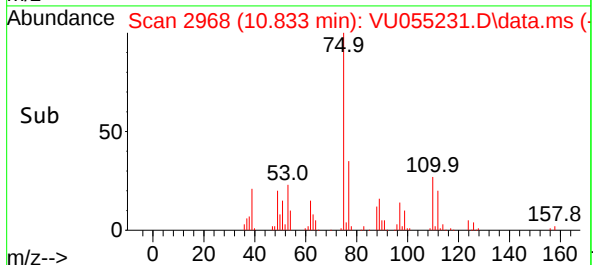
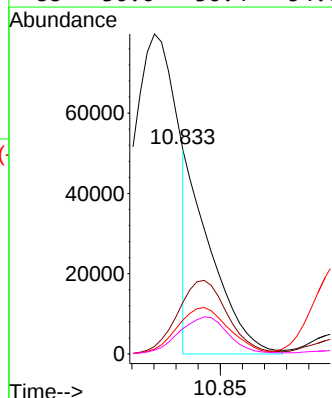
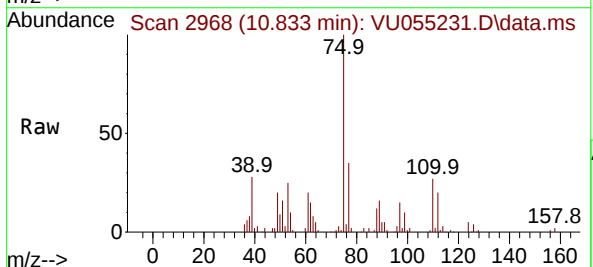
RT: 10.833 min Scan# 2968

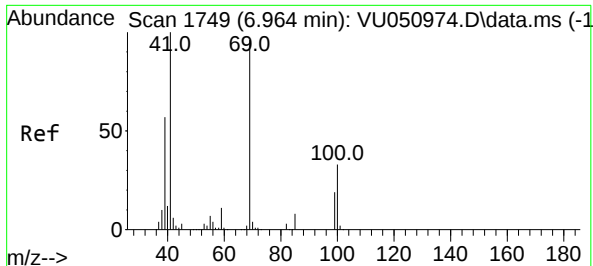
Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Tgt Ion:	75	Resp:	39670
Ion	Ratio	Lower	Upper
75	100		
53	73.1	73.3	109.9#
89	47.9	48.2	72.4#
88	36.6	36.4	54.6





#47

Methyl methacrylate

Concen: 10.393 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. -0.005 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 69 Resp: 80660

Ion Ratio Lower Upper

69 100

41 101.1 0.0 209.2

39 61.1 46.7 70.1

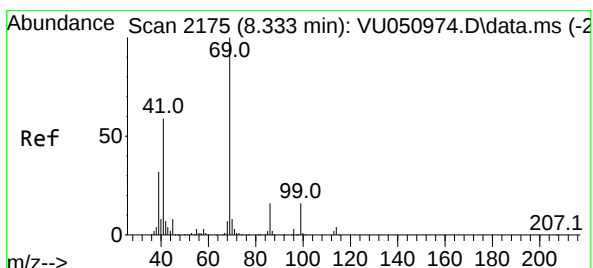
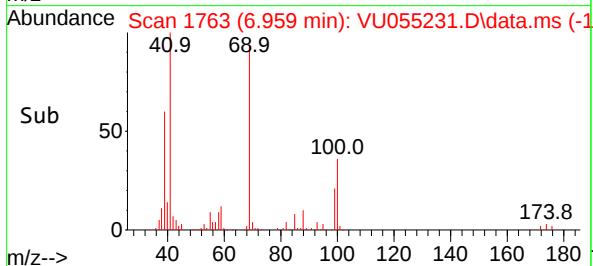
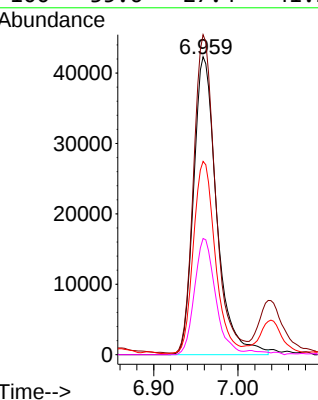
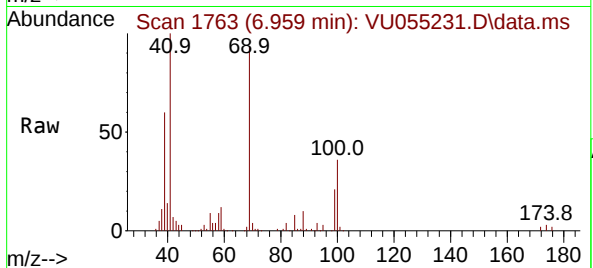
100 35.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#48

Ethyl methacrylate

Concen: 10.996 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.001 min

Lab File: VU055231.D

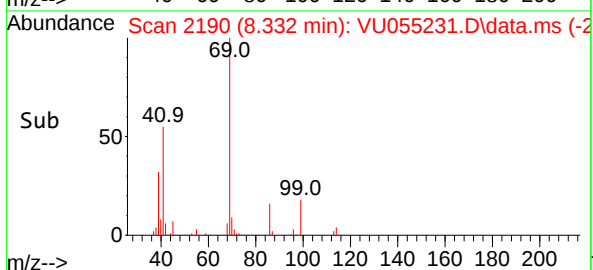
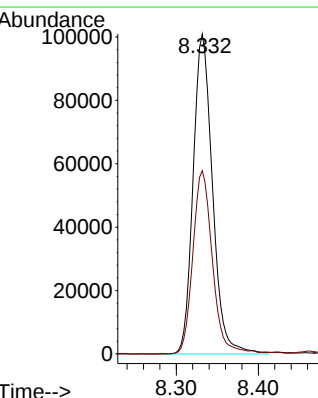
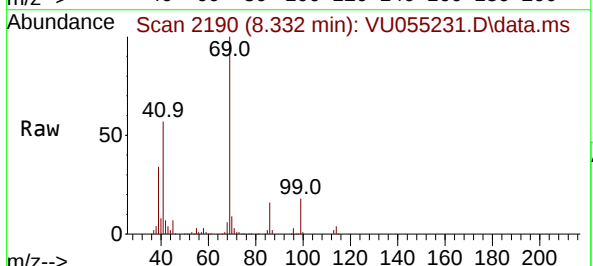
Acq: 11 Sep 2023 12:22

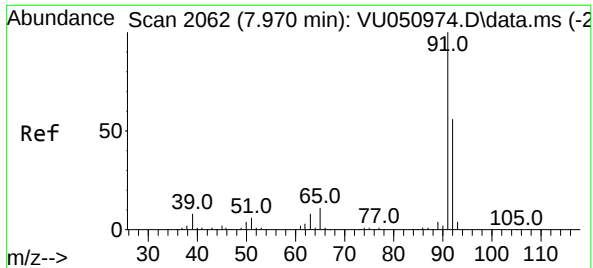
Tgt Ion: 69 Resp: 165740

Ion Ratio Lower Upper

69 100

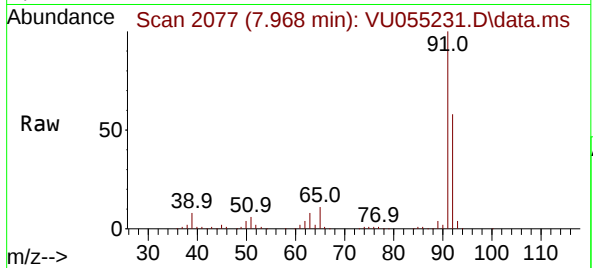
41 57.8 30.3 90.8





#49
Toluene
Concen: 10.315 ug/l
RT: 7.968 min Scan# 2062
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

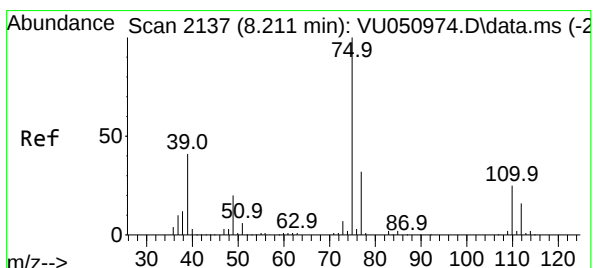
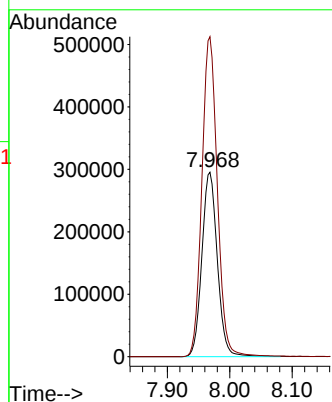
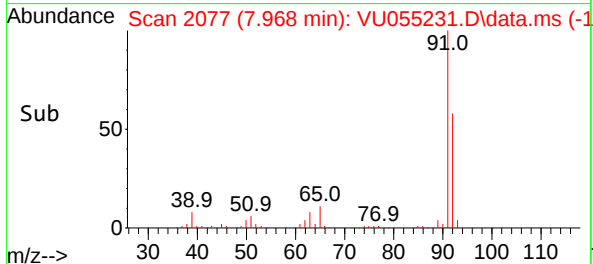
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



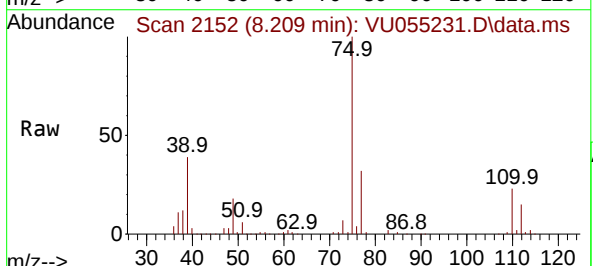
Tgt Ion: 92 Resp: 50923
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.6

Manual Integrations
APPROVED

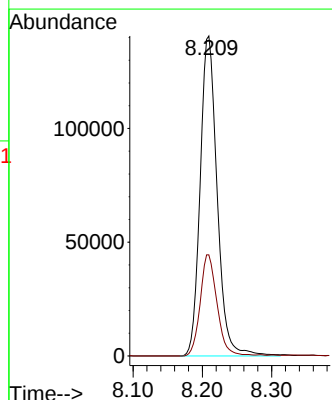
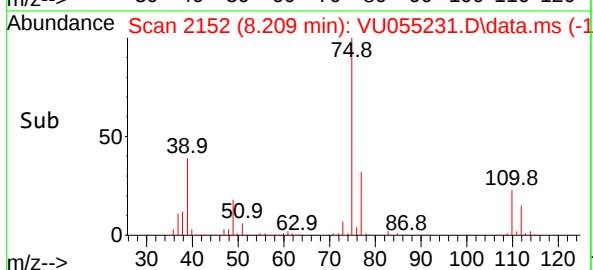
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

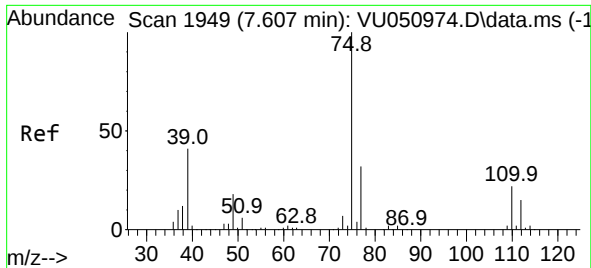


#50
t-1,3-Dichloropropene
Concen: 10.896 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



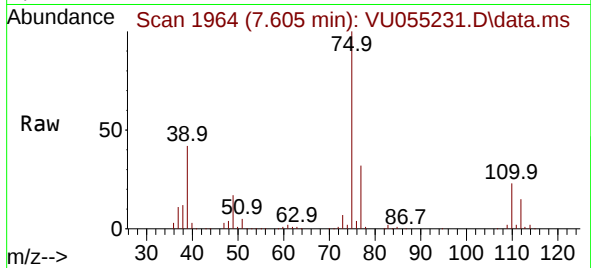
Tgt Ion: 75 Resp: 239794
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.614 ug/l
 RT: 7.605 min Scan# 1949
 Delta R.T. -0.002 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22

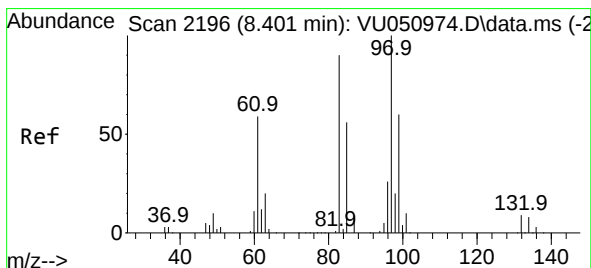
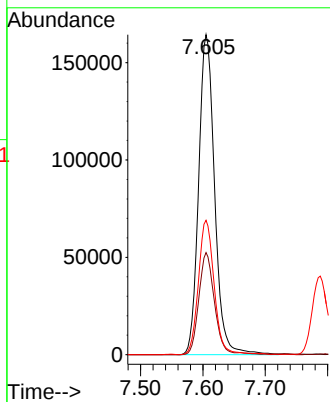
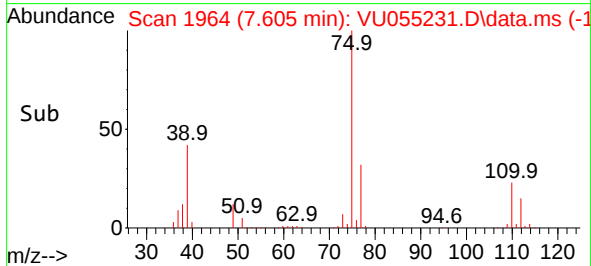
Instrument : MSVOA_U
 ClientSampleId : ICVVU091123



Tgt Ion: 75 Resp: 29316
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 42.0 32.8 49.2

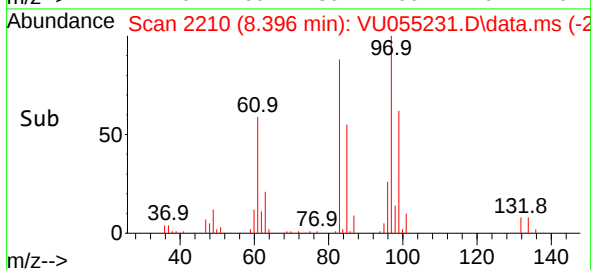
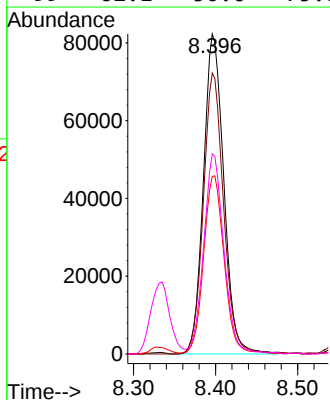
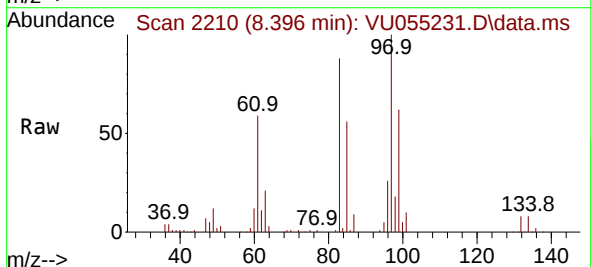
Manual Integrations
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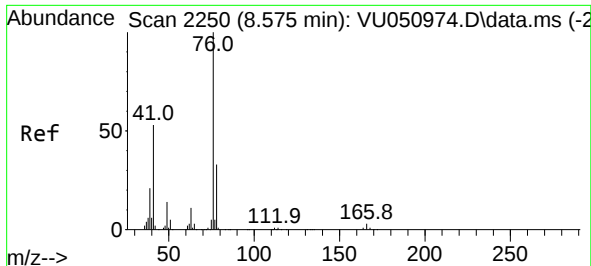
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.923 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.005 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22

Tgt Ion: 97 Resp: 141445
 Ion Ratio Lower Upper
 97 100
 83 87.8 71.8 107.8
 85 55.2 45.2 67.8
 99 62.1 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.200 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion: 76 Resp: 246478

Ion Ratio Lower Upper

76 100

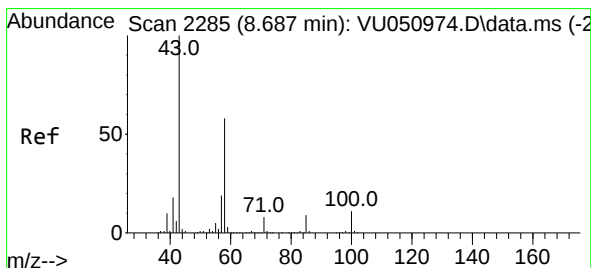
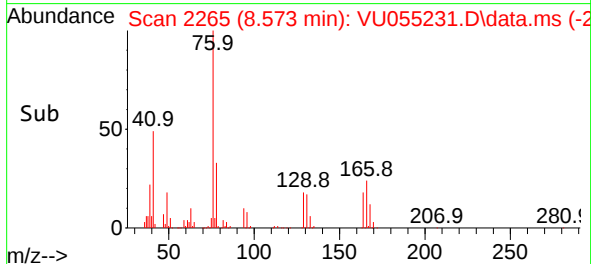
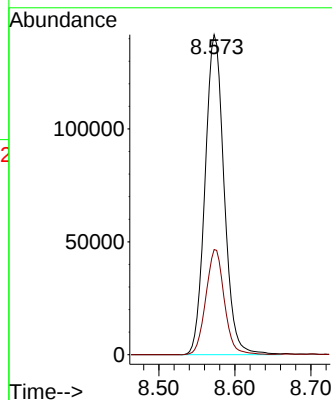
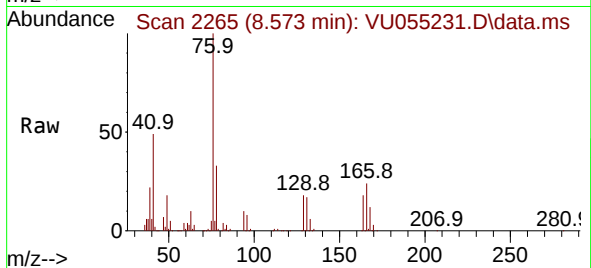
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

2-Hexanone

Concen: 37.614 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. -0.005 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

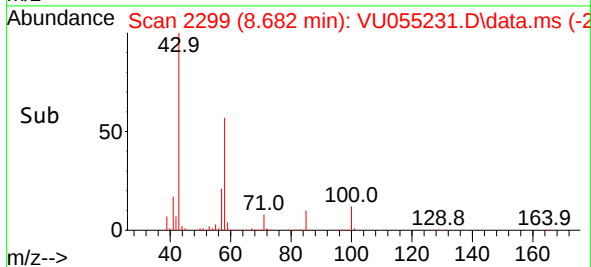
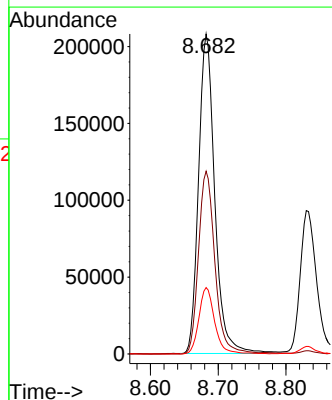
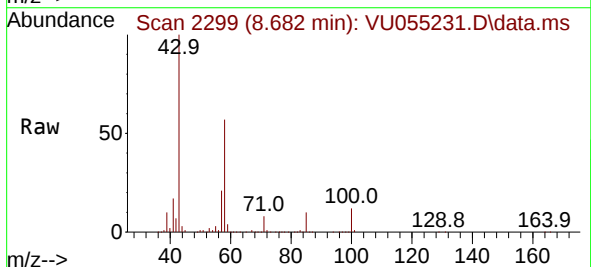
Tgt Ion: 43 Resp: 345237

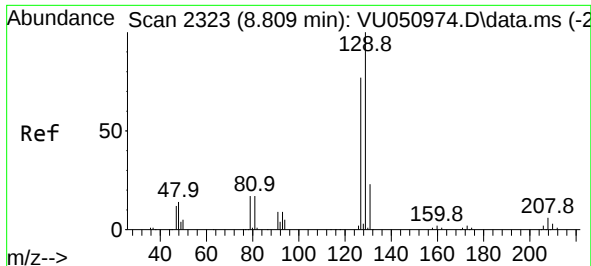
Ion Ratio Lower Upper

43 100

58 57.7 38.2 78.2

57 20.3 0.0 39.1





#55

Dibromochloromethane

Concen: 10.129 ug/l

RT: 8.807 min Scan# 21

Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion:129 Resp: 16269

Ion Ratio Lower Upper

129 100

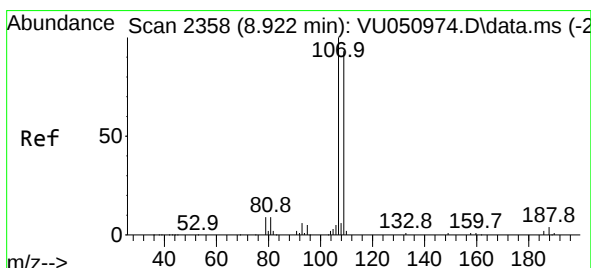
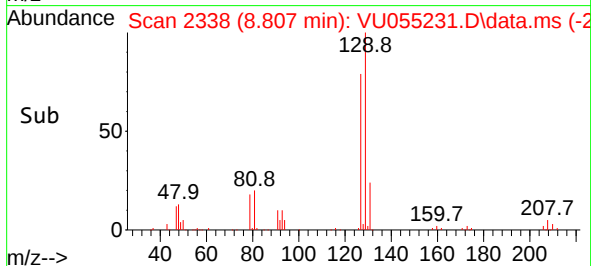
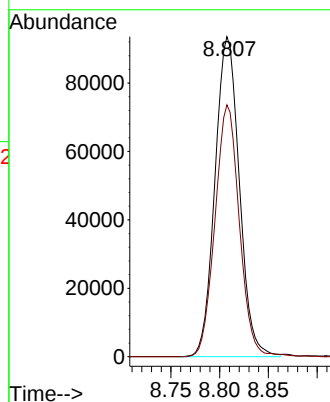
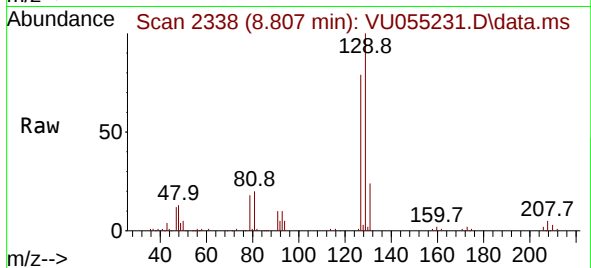
127 78.6 61.4 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#56

1,2-Dibromoethane

Concen: 10.237 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. -0.002 min

Lab File: VU055231.D

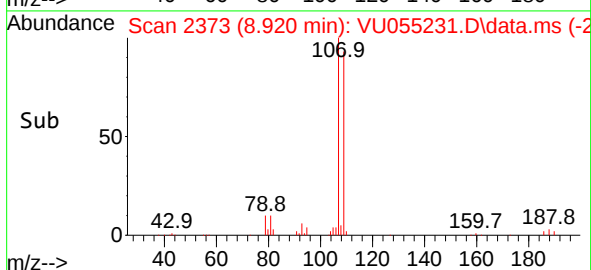
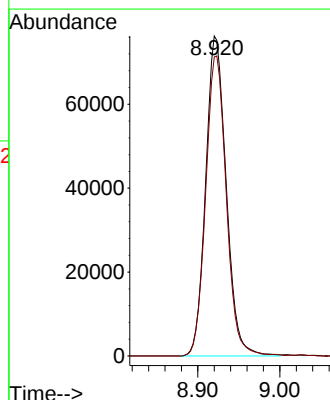
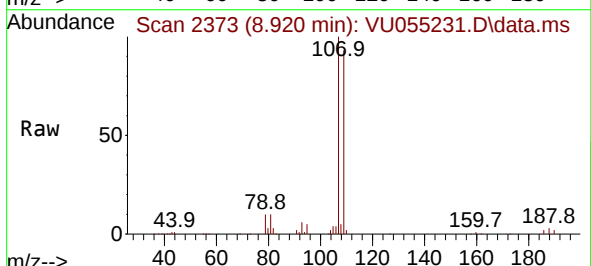
Acq: 11 Sep 2023 12:22

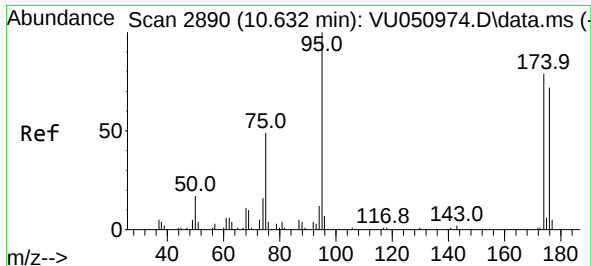
Tgt Ion:107 Resp: 132744

Ion Ratio Lower Upper

107 100

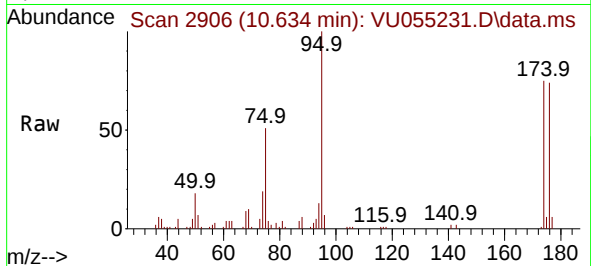
109 94.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.082 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

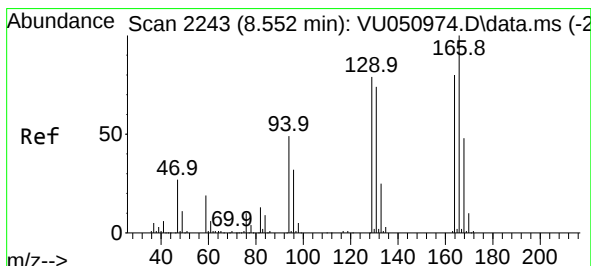
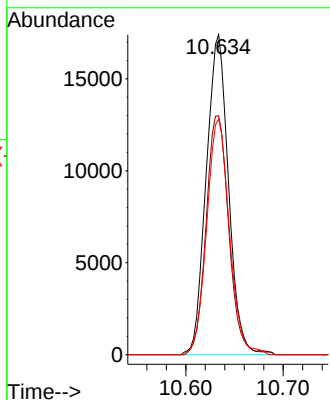
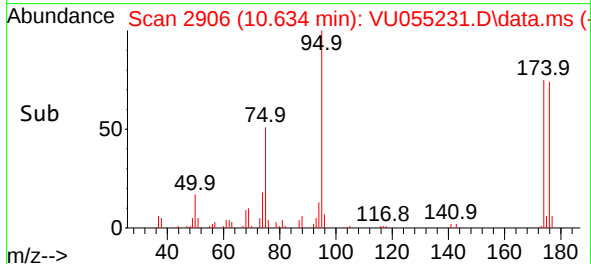
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion: 95 Resp: 2765
Ion Ratio Lower Upper
95 100
174 75.9 63.3 94.9
176 75.0 59.3 88.9

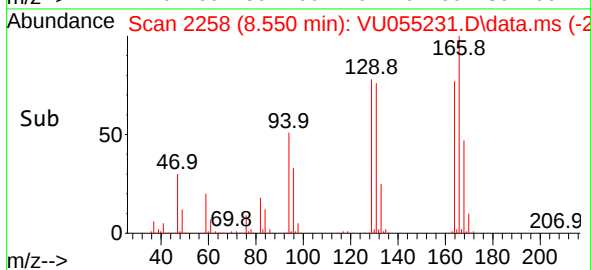
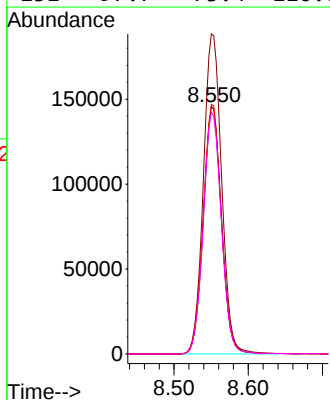
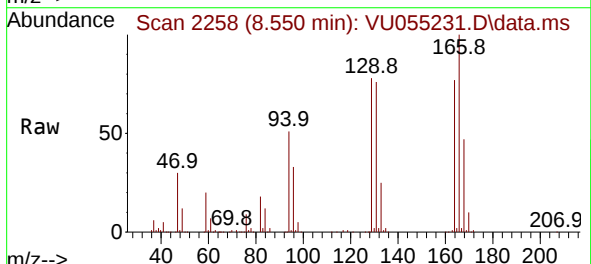
Manual Integrations
APPROVED

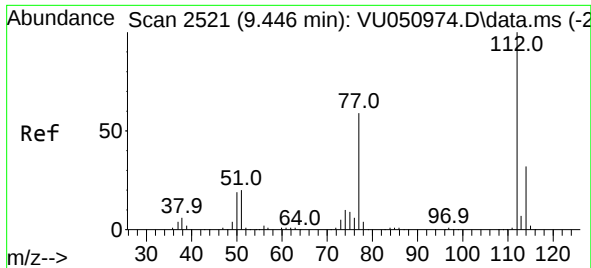
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#58
Tetrachloroethene
Concen: 9.695 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:164 Resp: 249160
Ion Ratio Lower Upper
164 100
166 129.3 99.6 149.4
129 100.8 78.6 117.8
131 97.7 73.4 110.0





#59

Chlorobenzene

Concen: 9.695 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

Tgt Ion:112 Resp: 536259

Ion Ratio Lower Upper

112 100

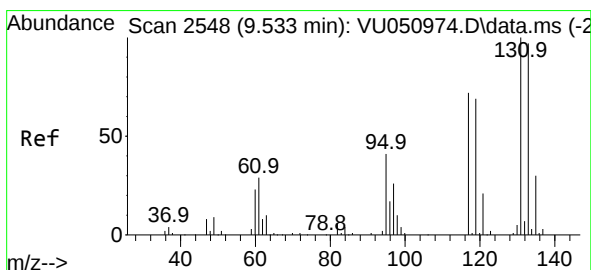
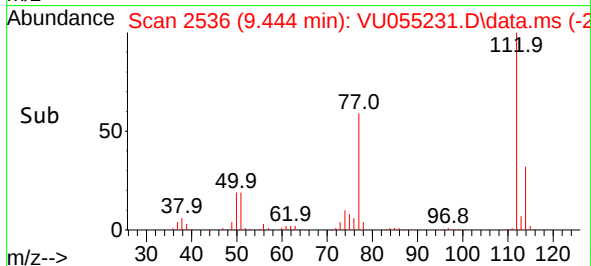
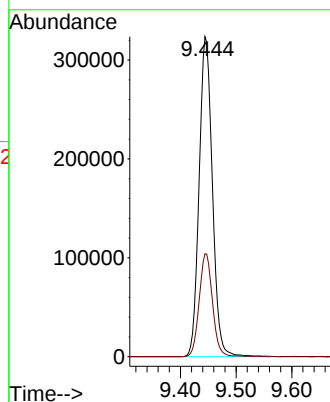
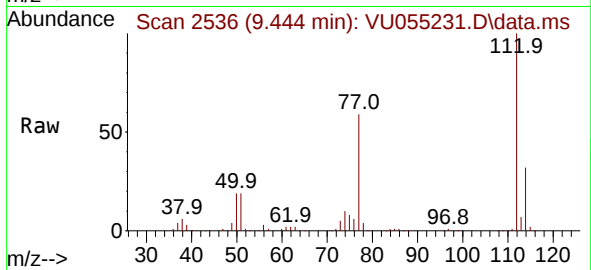
114 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 10.420 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

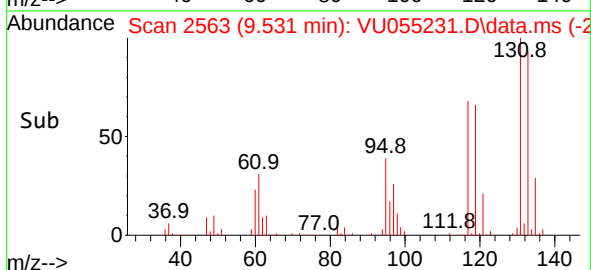
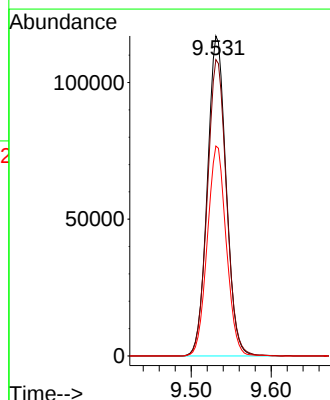
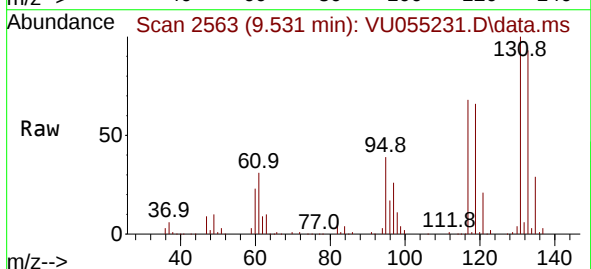
Tgt Ion:131 Resp: 190835

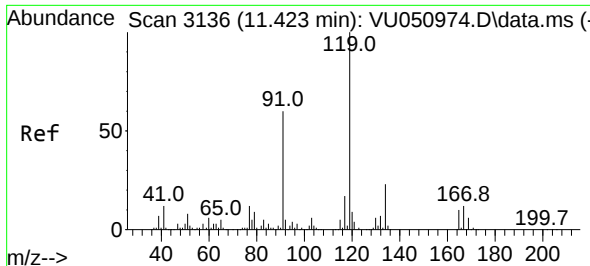
Ion Ratio Lower Upper

131 100

133 94.9 77.8 116.6

119 66.3 55.2 82.8





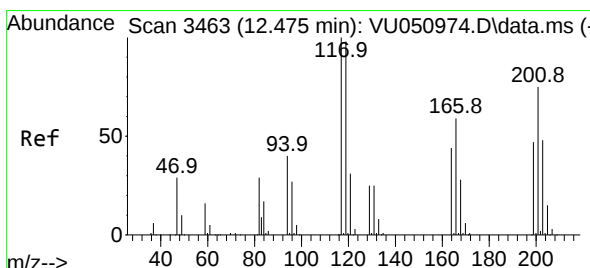
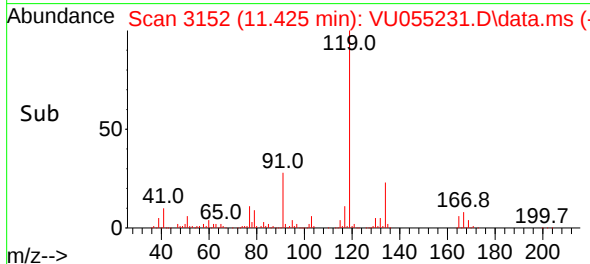
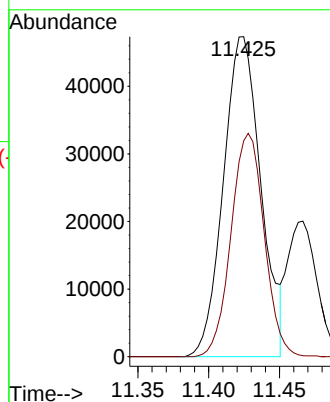
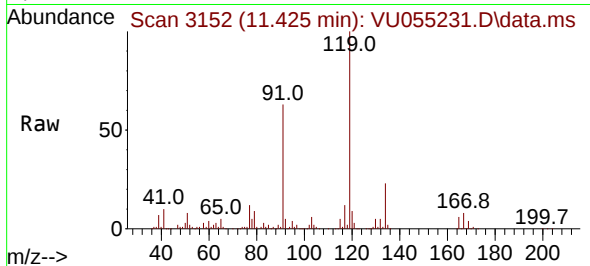
#61
Pentachloroethane
Concen: 10.209 ug/l
RT: 11.425 min Scan# 3136
Delta R.T. 0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion:117 Resp: 8714
Ion Ratio Lower Upper
117 100
167 61.7 56.7 85.1

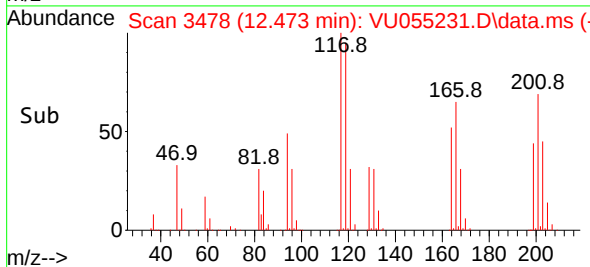
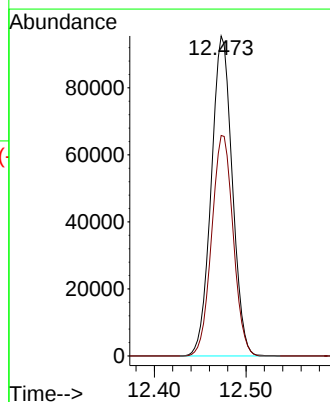
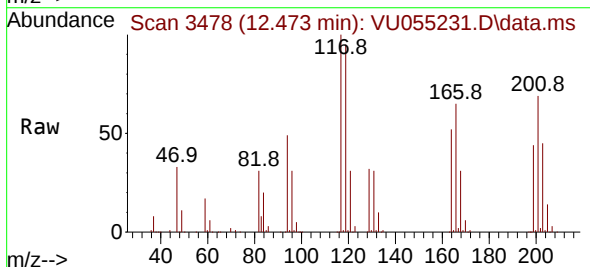
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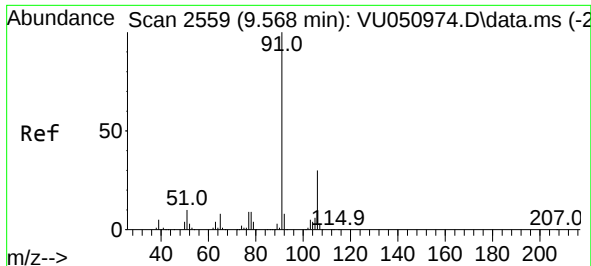
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
Hexachloroethane
Concen: 10.887 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:117 Resp: 152413
Ion Ratio Lower Upper
117 100
201 70.3 59.6 89.4





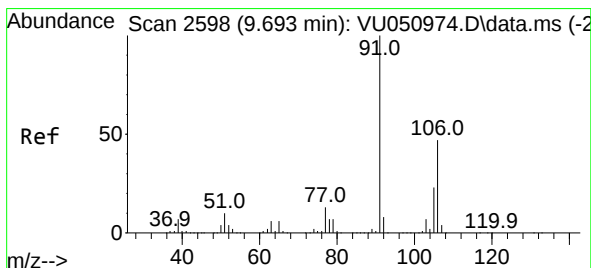
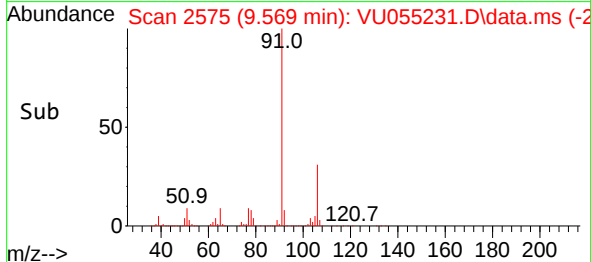
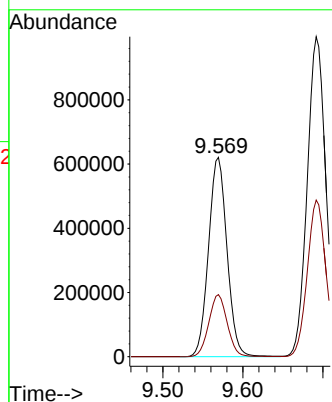
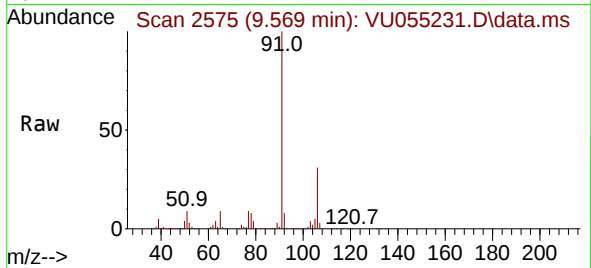
#63
Ethyl Benzene
Concen: 10.680 ug/l
RT: 9.569 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion: 91 Resp: 998440
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

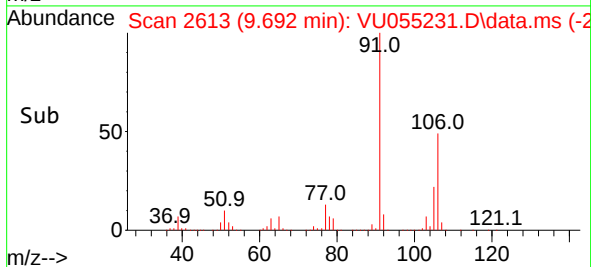
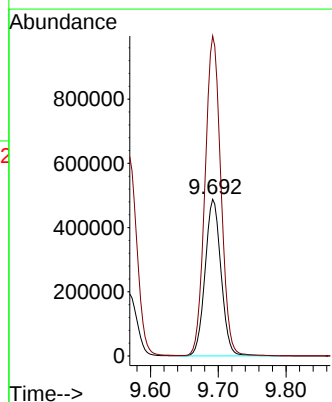
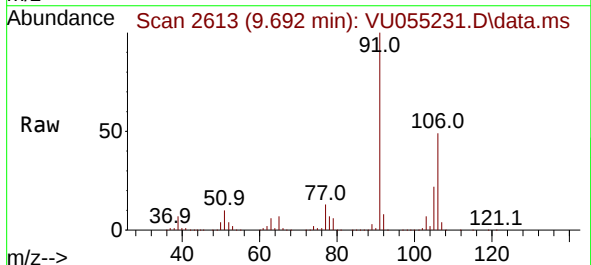
Manual Integrations
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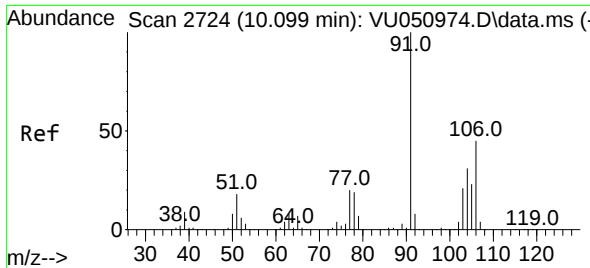
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
m/p-Xylenes
Concen: 21.947 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:106 Resp: 795092
Ion Ratio Lower Upper
106 100
91 204.5 167.3 250.9





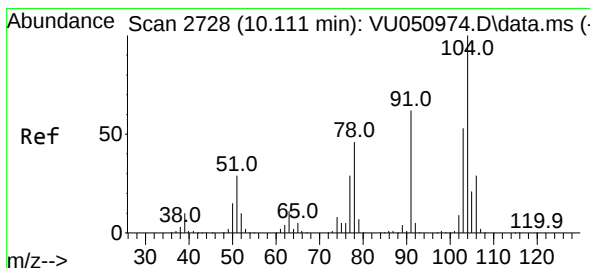
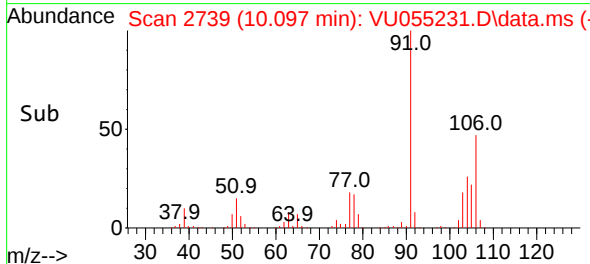
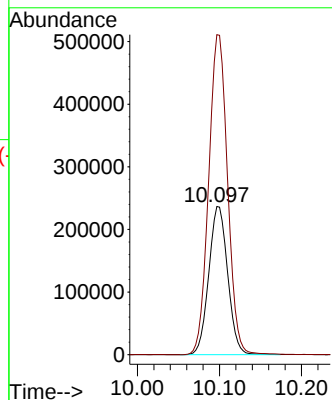
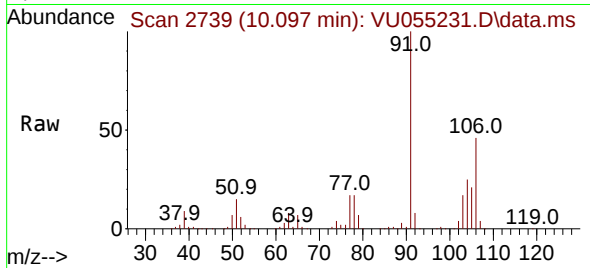
#65
o-Xylene
Concen: 10.789 ug/l
RT: 10.097 min Scan# 2744
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion:106 Resp: 378970
Ion Ratio Lower Upper
106 100
91 216.3 109.3 327.9

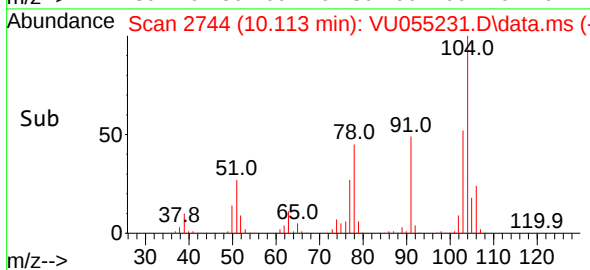
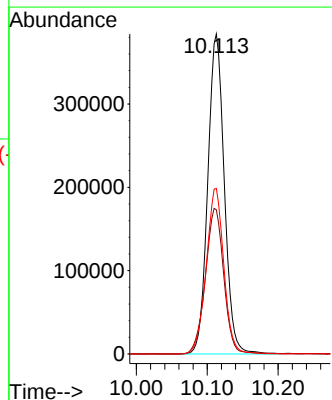
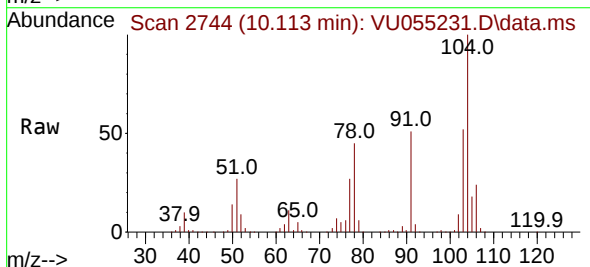
Manual Integrations
APPROVED

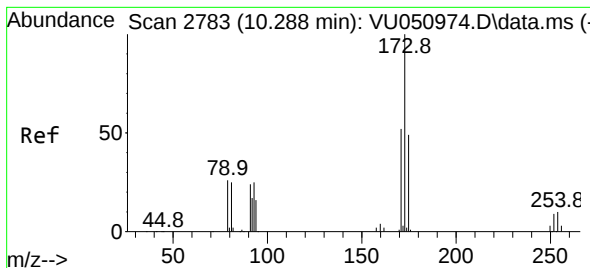
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
Styrene
Concen: 11.343 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:104 Resp: 622405
Ion Ratio Lower Upper
104 100
78 50.4 39.7 59.5
103 55.3 44.8 67.2





#67

Bromoform

Concen: 10.883 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091123

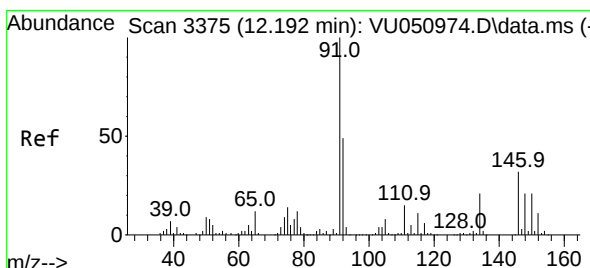
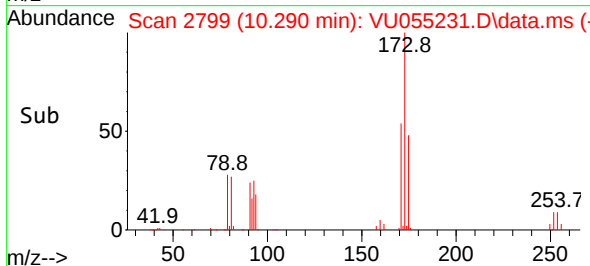
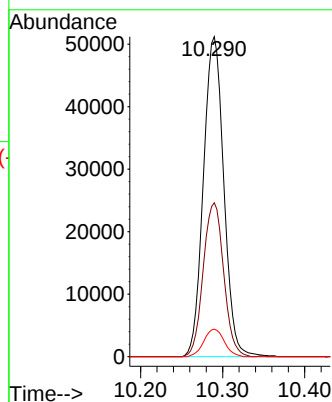
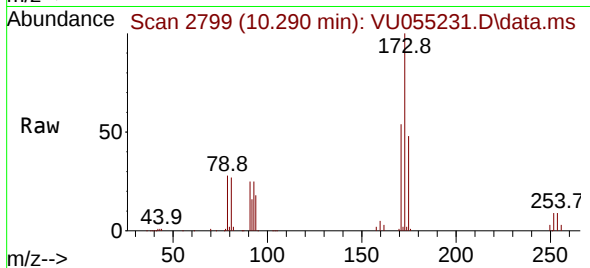
Tgt Ion:173	Resp:	8843
Ion Ratio	Lower	Upper
173	100	
175	48.2	39.0 58.6
254	8.7	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.968 ug/l

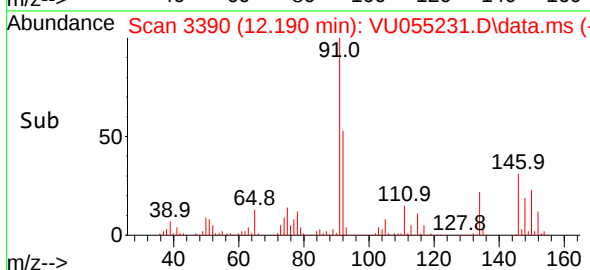
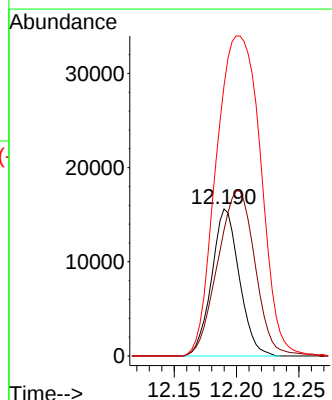
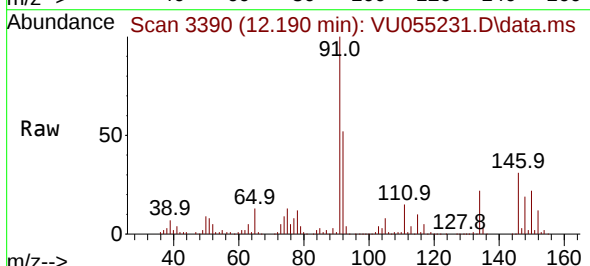
RT: 12.190 min Scan# 3390

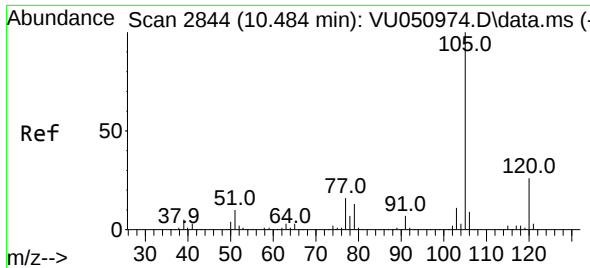
Delta R.T. -0.002 min

Lab File: VU055231.D

Acq: 11 Sep 2023 12:22

Tgt Ion:152	Resp:	24118
Ion Ratio	Lower	Upper
152	100	
115	152.0	0.0 308.8
150	349.5	0.0 635.0





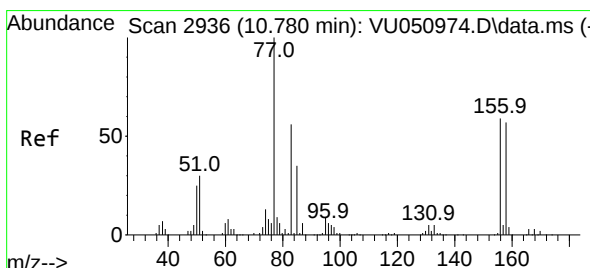
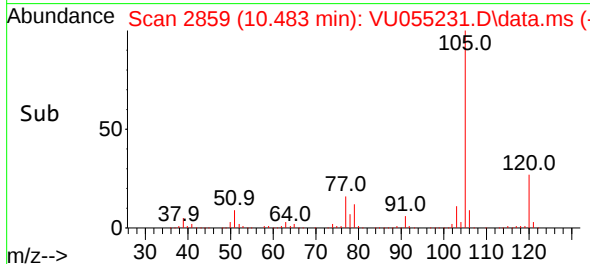
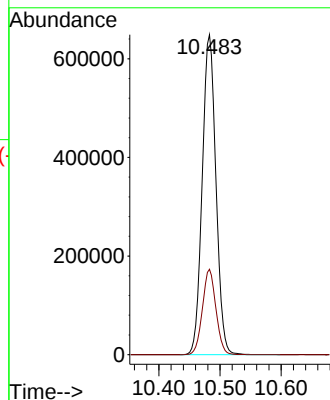
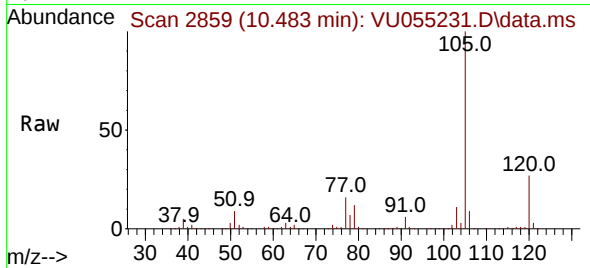
#69
Isopropylbenzene
Concen: 10.990 ug/l
RT: 10.483 min Scan# 2844
Delta R.T. -0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion:105 Resp: 100975
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

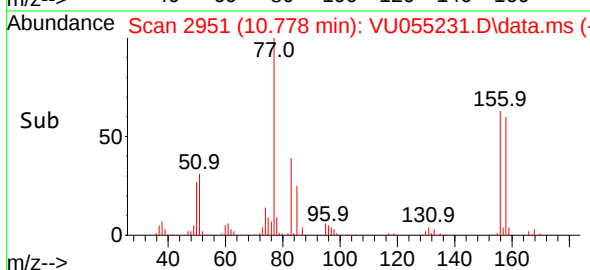
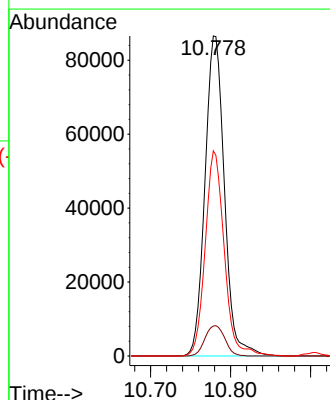
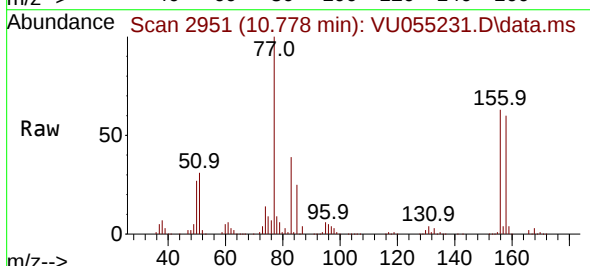
Manual Integrations
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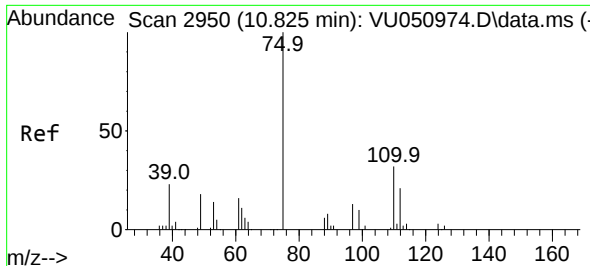
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.118 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

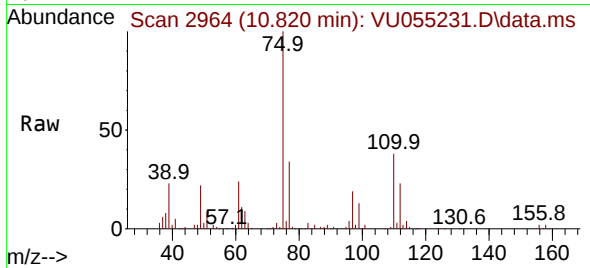
Tgt Ion: 83 Resp: 146491
Ion Ratio Lower Upper
83 100
131 9.6 7.2 10.8
85 62.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 6.563 ug/l m
RT: 10.820 min Scan# 2950
Delta R.T. -0.005 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

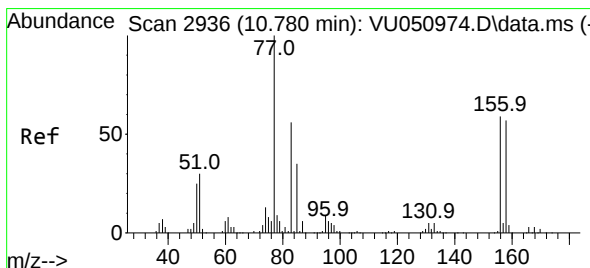
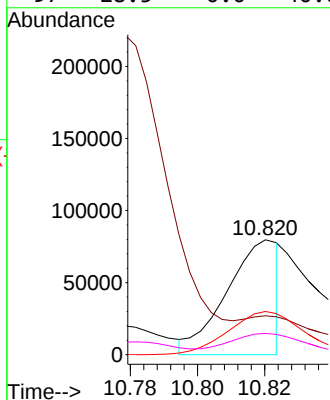
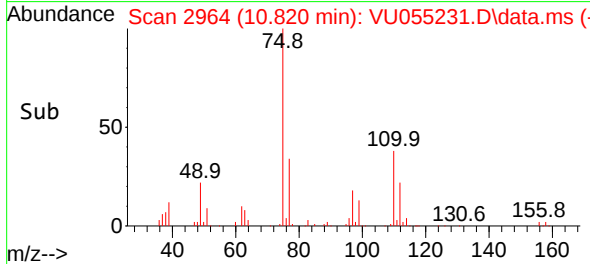
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



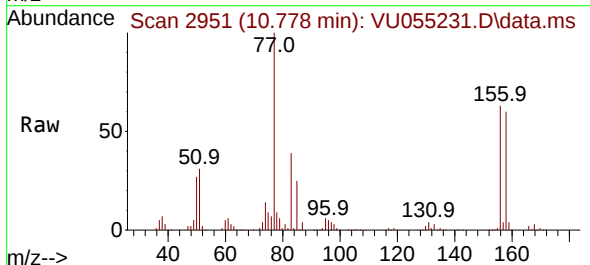
Tgt Ion: 75 Resp: 8495
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 55.6 0.0 74.6
97 28.5 0.0 40.0

Manual Integrations
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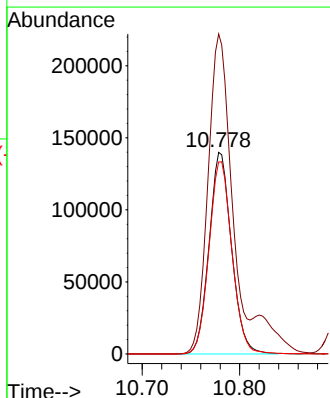
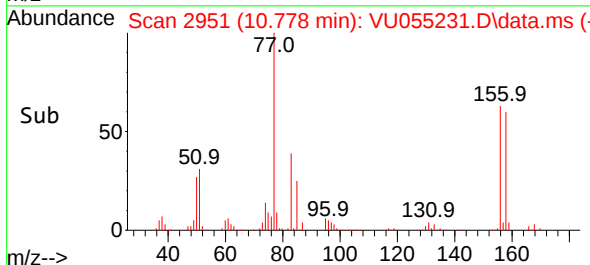
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

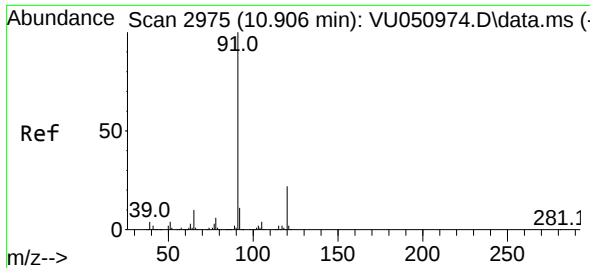


#72
Bromobenzene
Concen: 10.610 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



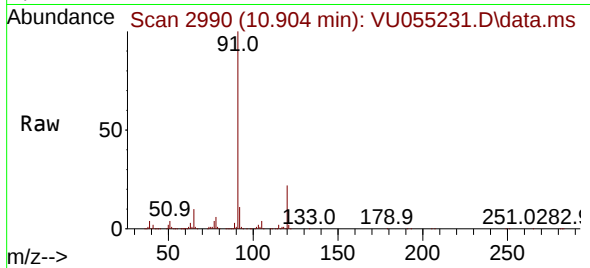
Tgt Ion:156 Resp: 223988
Ion Ratio Lower Upper
156 100
77 163.7 0.0 343.0
158 97.5 0.0 194.8





#73
n-propylbenzene
Concen: 11.173 ug/l
RT: 10.904 min Scan# 2975
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

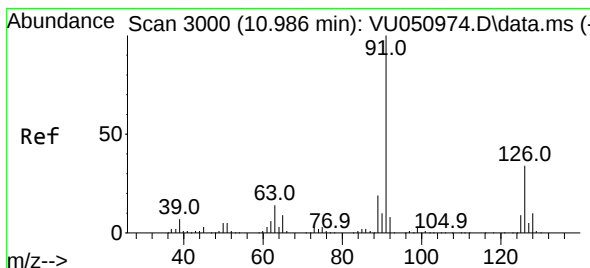
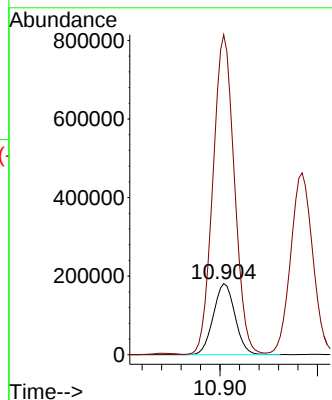
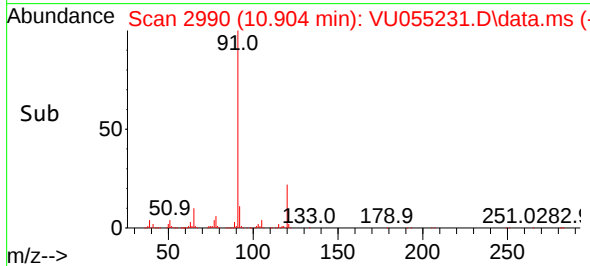
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



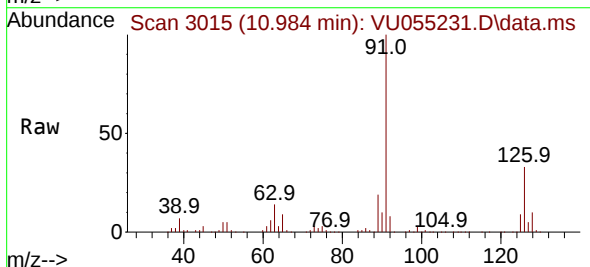
Tgt Ion:120 Resp: 278680
Ion Ratio Lower Upper
120 100
91 446.2 369.8 554.6

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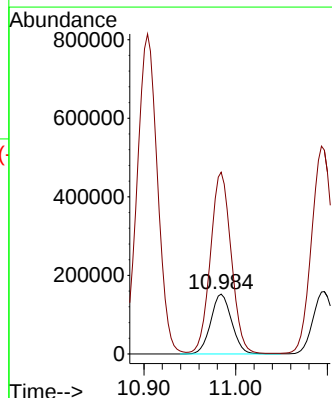
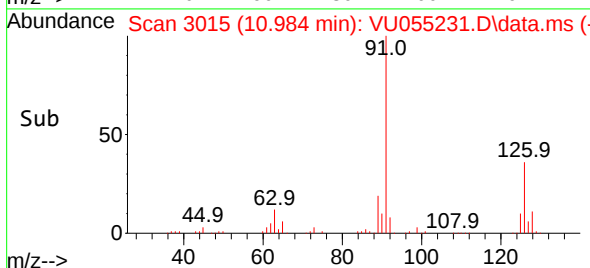
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

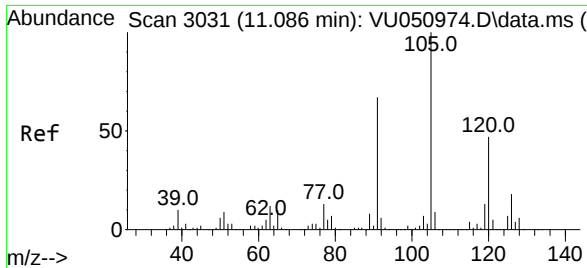


#74
2-Chlorotoluene
Concen: 10.833 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



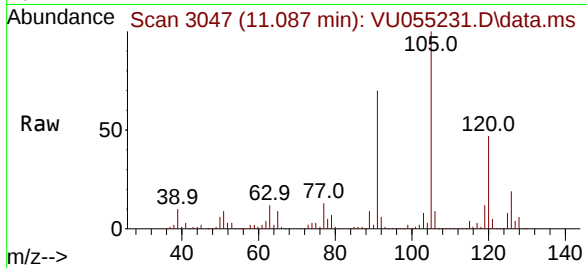
Tgt Ion:126 Resp: 241257
Ion Ratio Lower Upper
126 100
91 302.3 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 11.403 ug/l
RT: 11.087 min Scan# 3031
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

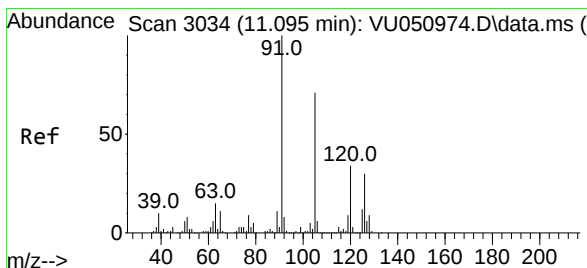
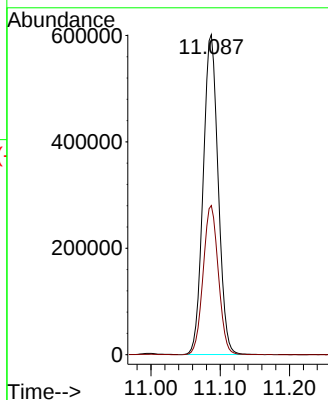
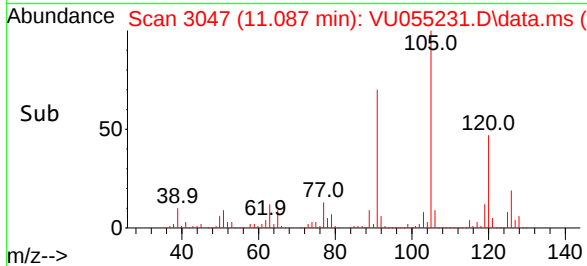
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion:105 Resp: 900918
Ion Ratio Lower Upper
105 100
120 47.3 37.8 56.8

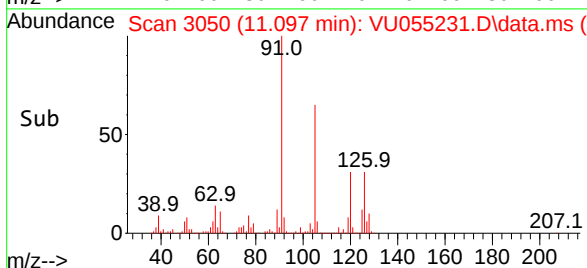
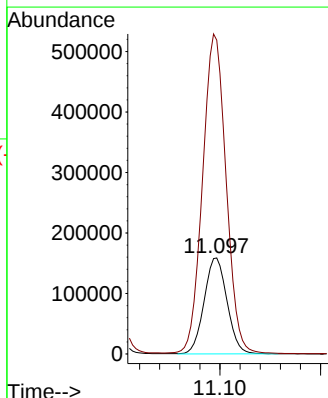
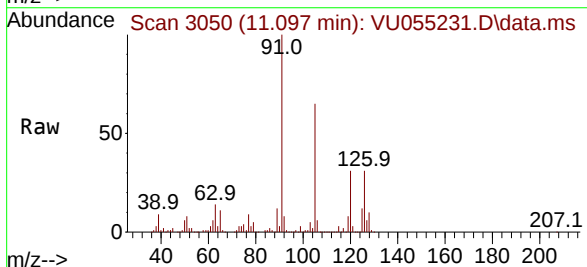
Manual Integrations
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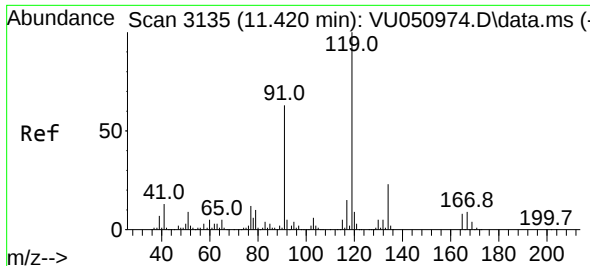
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
4-Chlorotoluene
Concen: 10.962 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

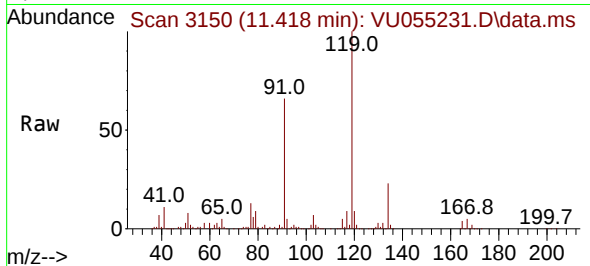
Tgt Ion:126 Resp: 250672
Ion Ratio Lower Upper
126 100
91 342.8 0.0 686.2





#77
tert-Butylbenzene
Concen: 11.206 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

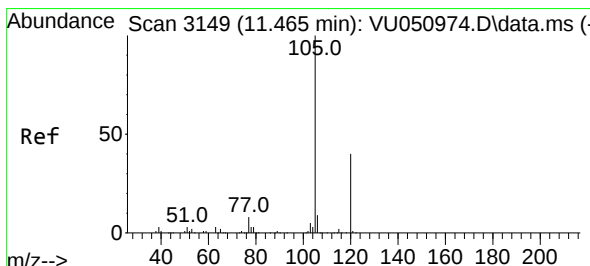
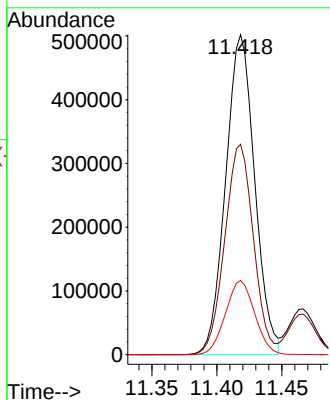
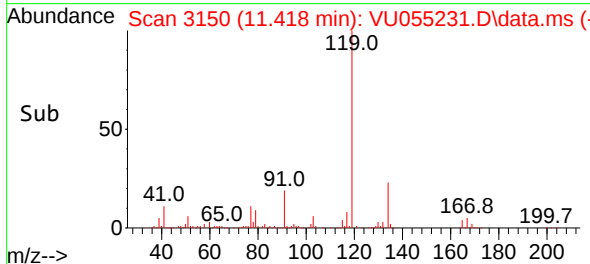
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion:119 Resp: 782917
Ion Ratio Lower Upper
119 100
91 65.0 30.8 92.4
134 23.4 18.0 27.0

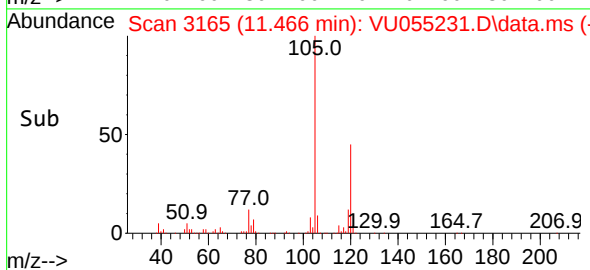
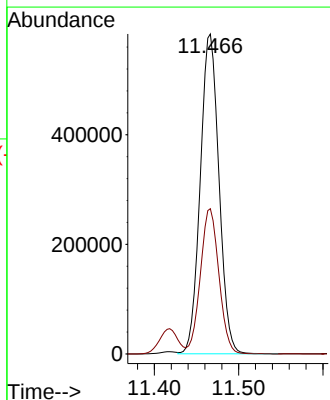
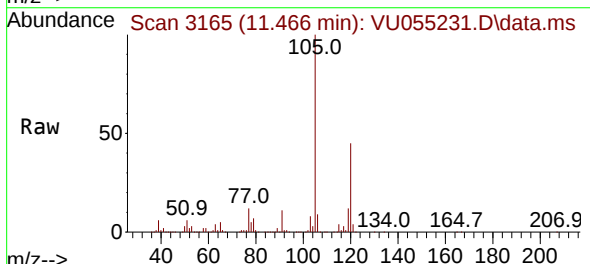
Manual Integrations
APPROVED

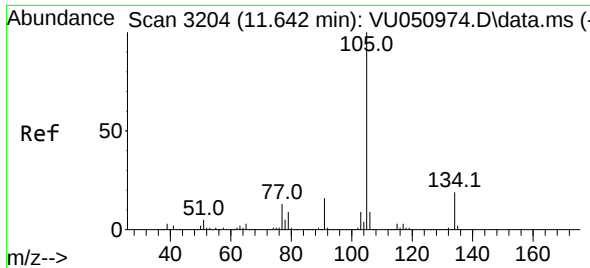
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.263 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:105 Resp: 901823
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8





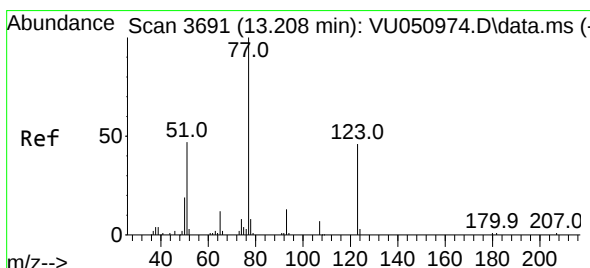
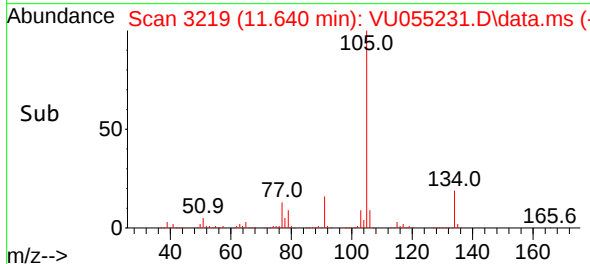
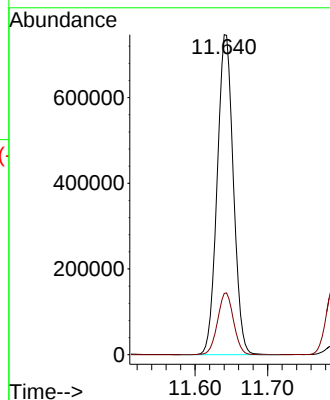
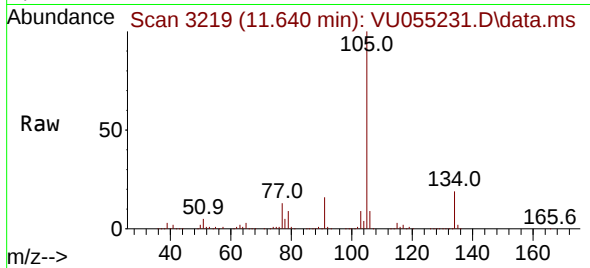
#79
 sec-Butylbenzene
 Concen: 11.350 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091123

Tgt Ion:105 Resp: 115448
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

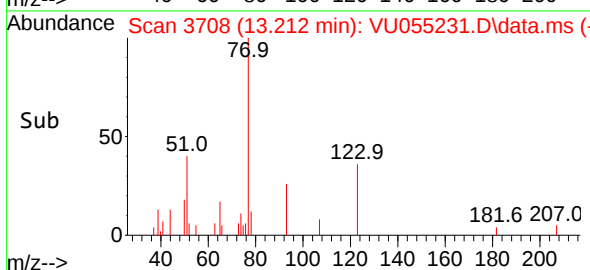
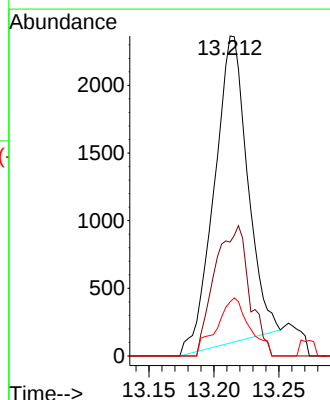
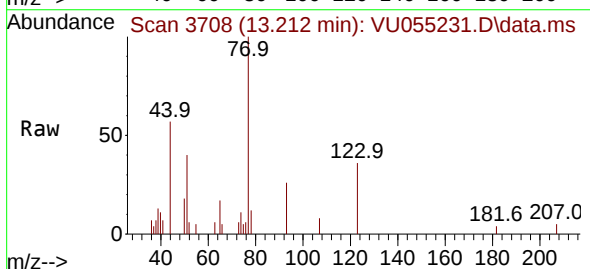
Manual Integrations
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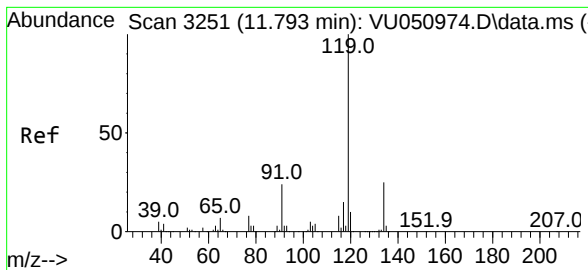
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#80
 Nitrobenzene
 Concen: 11.658 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.004 min
 Lab File: VU055231.D
 Acq: 11 Sep 2023 12:22

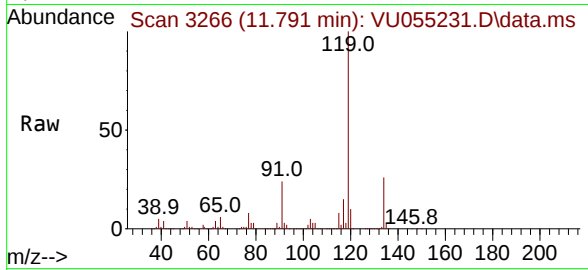
Tgt Ion: 77 Resp: 4037
 Ion Ratio Lower Upper
 77 100
 123 44.3 19.7 69.7
 65 0.0 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 11.601 ug/l
RT: 11.791 min Scan# 31
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

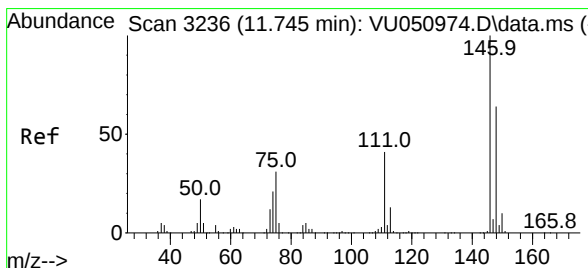
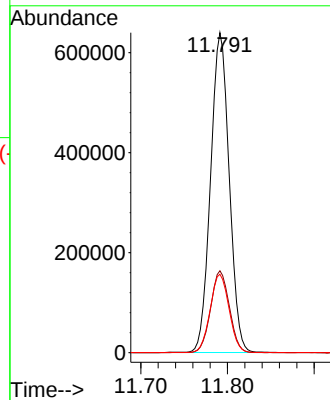
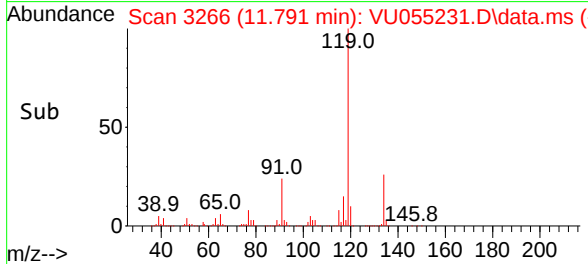
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion:119 Resp: 95302
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 24.9 19.3 28.9

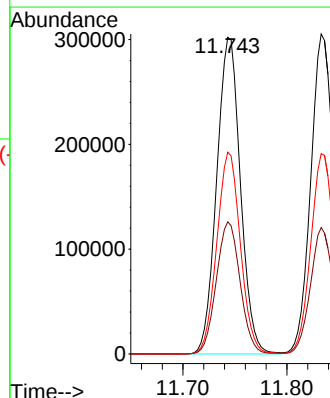
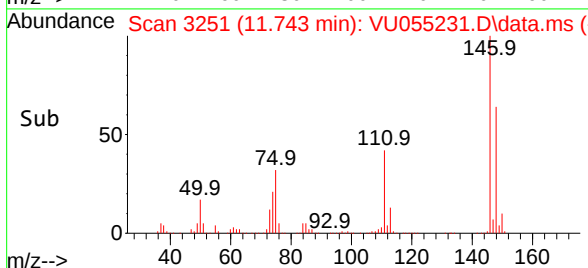
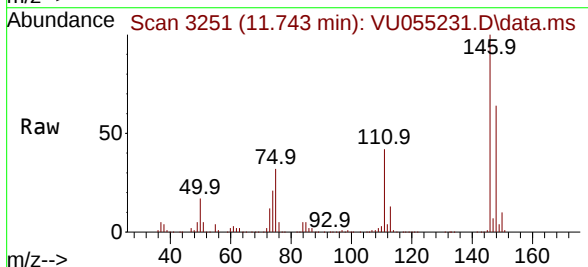
Manual Integrations
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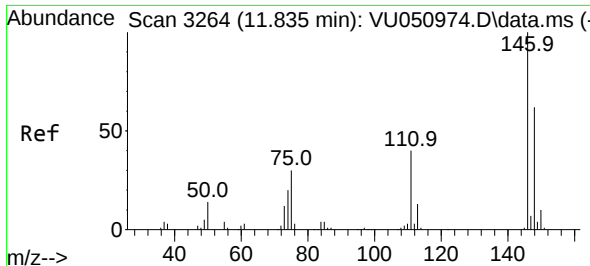
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
1,3-Dichlorobenzene
Concen: 10.591 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

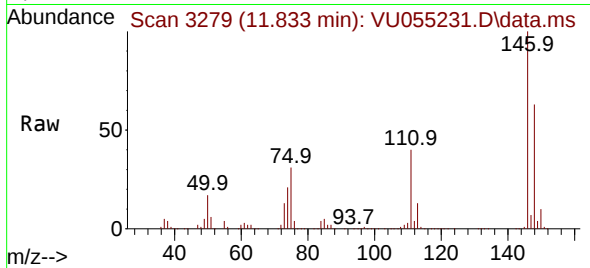
Tgt Ion:146 Resp: 479866
Ion Ratio Lower Upper
146 100
111 41.9 32.6 49.0
148 63.3 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.806 ug/l
RT: 11.833 min Scan# 31
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

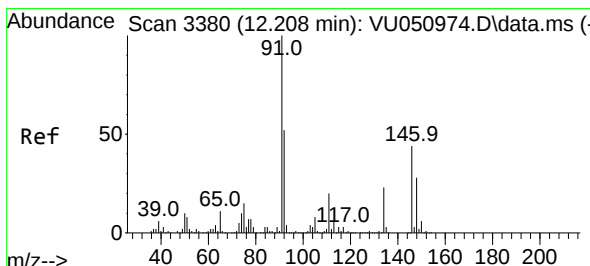
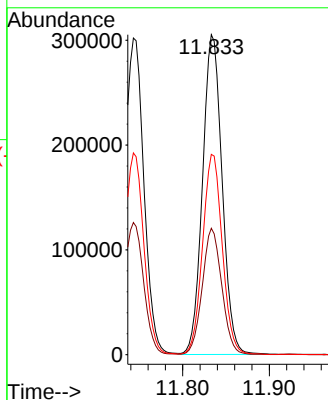
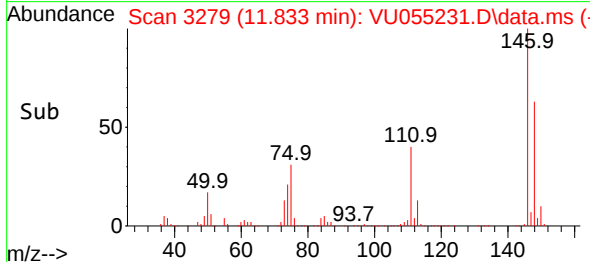
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



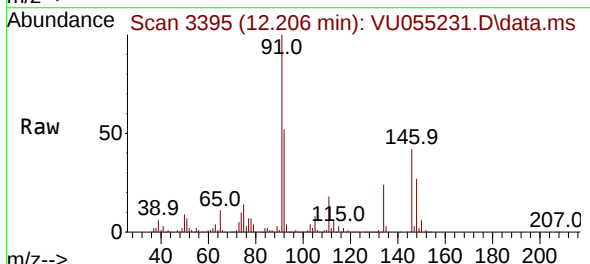
Tgt Ion:146 Resp: 47954
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 62.9 50.3 75.5

Manual Integrations
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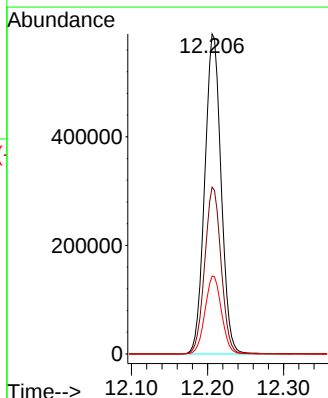
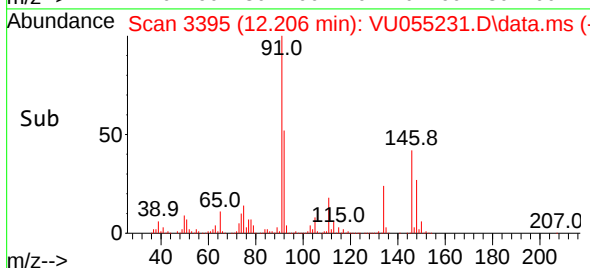
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

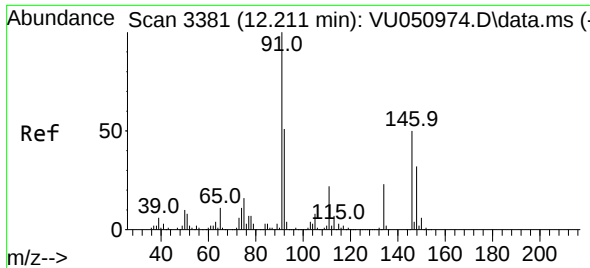


#84
n-Butylbenzene
Concen: 11.790 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



Tgt Ion: 91 Resp: 879988
Ion Ratio Lower Upper
91 100
92 52.2 40.8 61.2
134 24.5 18.4 27.6





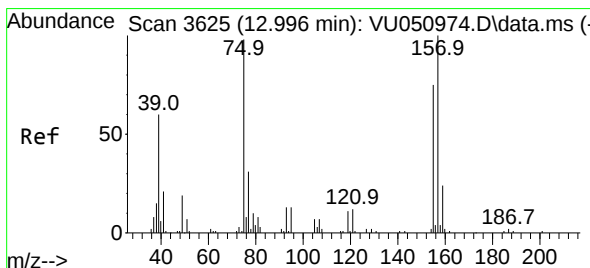
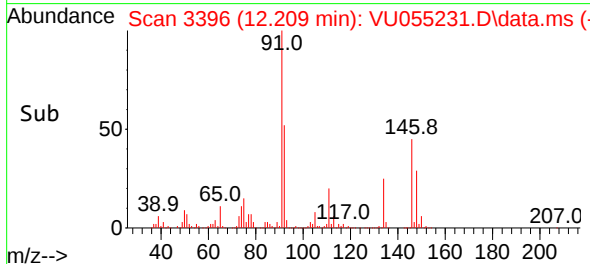
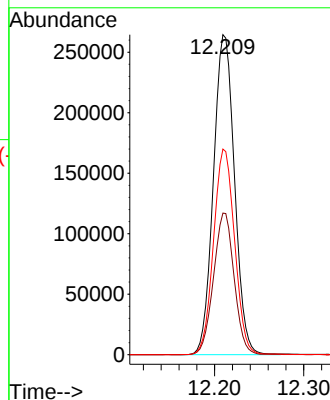
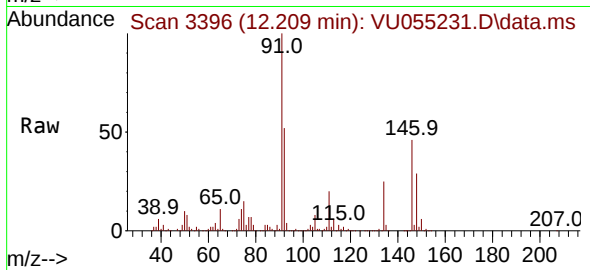
#85
1,2-Dichlorobenzene
Concen: 10.477 ug/l
RT: 12.209 min Scan# 3381
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Tgt Ion:146 Resp: 435279
Ion Ratio Lower Upper
146 100
111 43.3 21.6 64.6
148 64.1 32.1 96.5

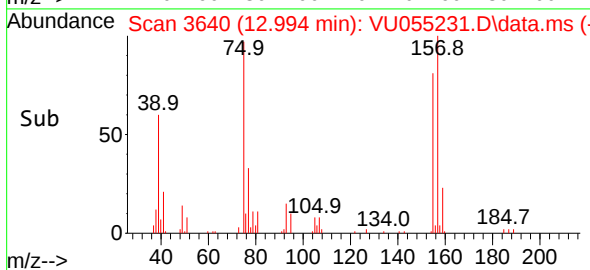
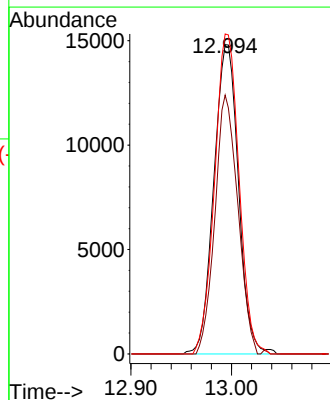
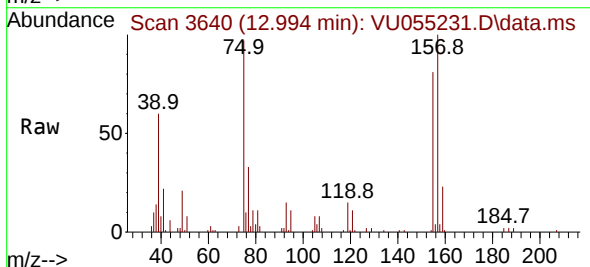
Manual Integrations
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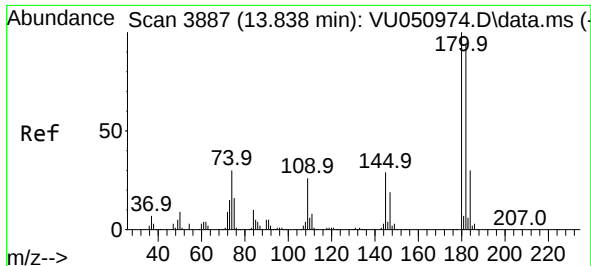
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.520 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

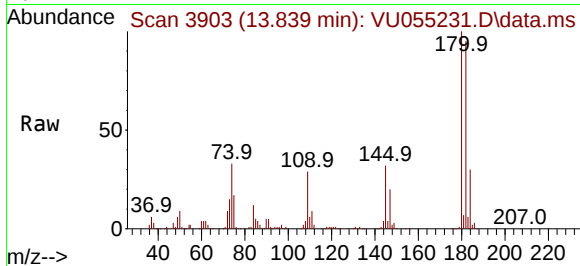
Tgt Ion: 75 Resp: 25190
Ion Ratio Lower Upper
75 100
155 78.0 61.8 92.8
157 102.6 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 11.965 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

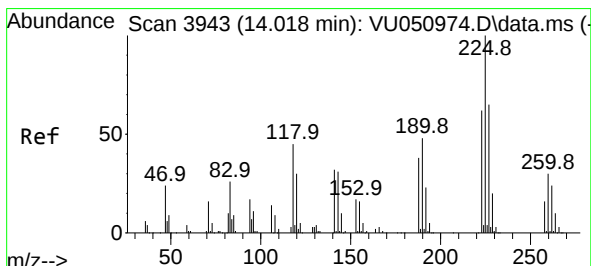
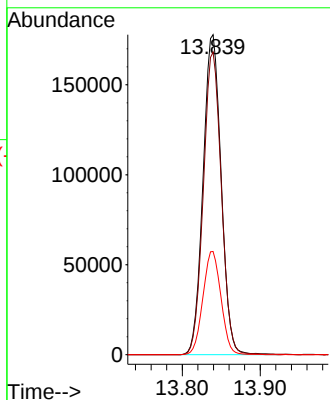
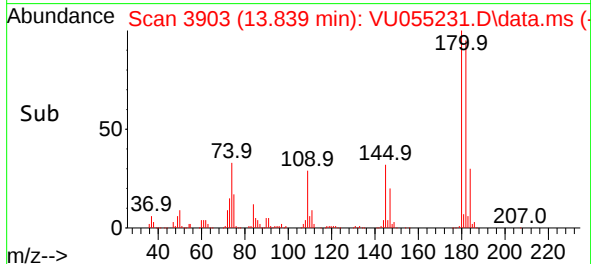
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



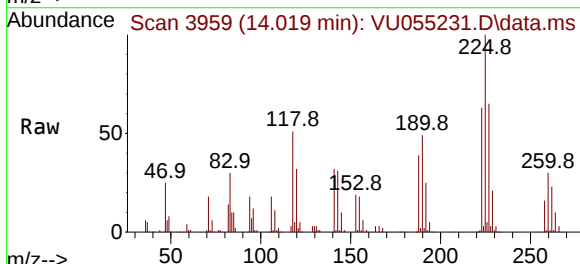
Tgt Ion:180 Resp: 286749
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 32.2 23.9 35.9

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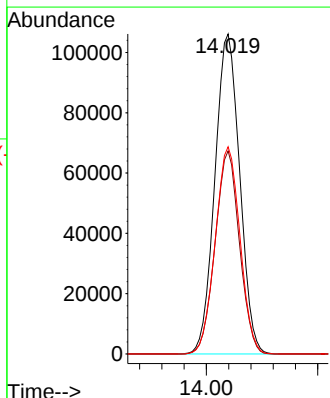
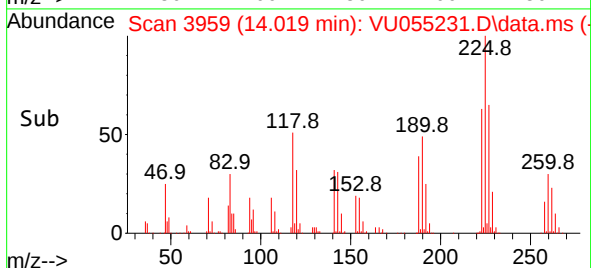
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

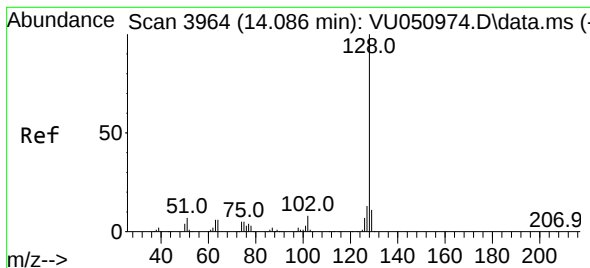


#88
Hexachlorobutadiene
Concen: 10.715 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22



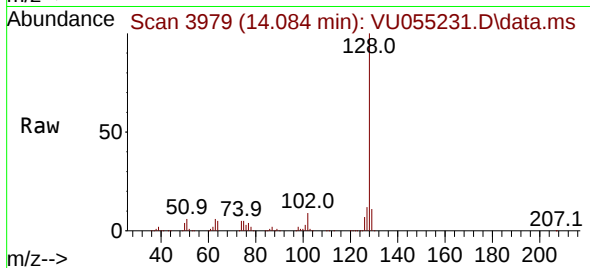
Tgt Ion:225 Resp: 164178
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 64.7 51.5 77.3





#89
Naphthalene
Concen: 13.047 ug/l
RT: 14.084 min Scan# 3964
Delta R.T. -0.002 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

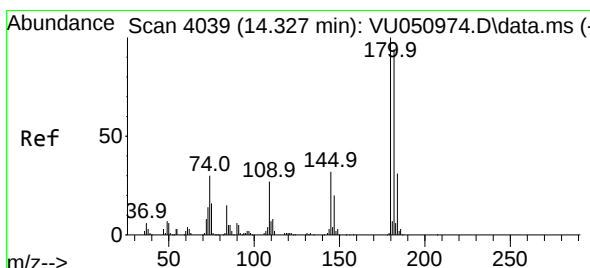
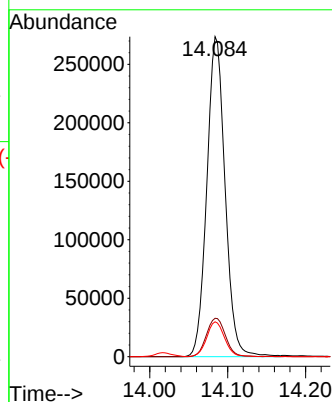
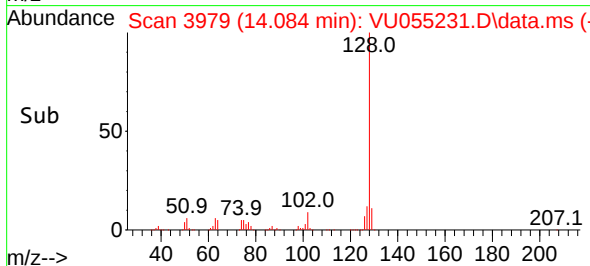
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123



Tgt Ion:128 Resp: 446387
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 10.6 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
1,2,3-Trichlorobenzene
Concen: 11.802 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.001 min
Lab File: VU055231.D
Acq: 11 Sep 2023 12:22

Tgt Ion:180 Resp: 245203
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 34.0 26.1 39.1

