

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057806.D
 Acq On : 05 Feb 2024 13:59
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 06 01:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 00:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	44152	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	16159	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	14201	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	151676m	10.328	ug/l	
3) Chloromethane	1.521	50	143125	10.103	ug/l	99
4) Vinyl Chloride	1.602	62	151820	10.542	ug/l	100
5) Bromomethane	1.856	94	74726	8.865	ug/l	96
6) Chloroethane	1.923	64	90756	10.013	ug/l	96
7) Trichlorofluoromethane	2.116	101	180739	8.564	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.560	101	114350	10.132	ug/l	97
9) 1,1-Dichloroethene	2.560	96	109002	10.022	ug/l	96
10) Iodomethane	2.701	142	166964	12.616	ug/l	94
11) Allyl Chloride	2.904	41	168889	11.228	ug/l	91
12) Acrylonitrile	3.309	53	49012	25.473	ug/l	96
13) Acetone	2.631	43	179931	53.758	ug/l	93
14) Carbon Disulfide	2.772	76	353978	10.143	ug/l	100
15) Methylene Chloride	3.026	84	126266	9.662	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	121978	10.274	ug/l	97
17) 1,1-Dichloroethane	3.849	63	241292	10.641	ug/l	98
18) 2-Butanone	4.711	43	209502	57.209	ug/l	98
19) Cyclohexane	5.367	56	191656	10.745	ug/l	94
20) Methylcyclohexane	6.750	83	225013	10.557	ug/l	97
21) 2,2-Dichloropropane	4.647	77	212280	10.618	ug/l	97
22) cis-1,2-Dichloroethene	4.650	96	128815	9.939	ug/l	88
23) Diethyl Ether	2.364	59	85995	10.813	ug/l	98
24) tert-Butyl Alcohol	3.232	59	41167	50.563	ug/l	# 1
25) Methyl tert-Butyl Ether	3.357	73	280764	10.864	ug/l	95
26) Bromochloromethane	4.959	128	51143	9.824	ug/l	89
27) Chloroform	5.078	83	240411	10.280	ug/l	98
28) 1,1,1-Trichloroethane	5.299	97	215237	10.233	ug/l	99
29) 1,1-Dichloropropene	5.512	75	178529	10.443	ug/l	98
30) Carbon Tetrachloride	5.508	117	189520	10.428	ug/l	98
31) Isopropyl Ether	3.988	45	377652	11.271	ug/l	94
32) Ethyl-t-butyl ether	4.499	59	362944	11.668	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	308788	11.775	ug/l	98
34) Propionitrile	4.785	54	42711	56.464	ug/l	# 11
35) Benzene	5.759	78	515099	10.446	ug/l	99
36) 1,2-Dichloroethane	5.785	62	150725	10.468	ug/l	97
37) Trichloroethene	6.531	130	132438	10.166	ug/l	99
38) 1,2-Dichloropropane	6.785	63	137185	10.670	ug/l	99
39) Methacrylonitrile	4.971	41	38441	12.415	ug/l	95
40) Methyl acrylate	4.843	55	65562	14.163	ug/l	98
41) Tetrahydrofuran	5.061	42	37034	22.752	ug/l	100
42) 1-Chlorobutane	5.444	56	241053	10.674	ug/l	98
43) Dibromomethane	6.910	93	62343	10.593	ug/l	97
44) Bromodichloromethane	7.100	83	173372	10.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	282747	46.843	ug/l	99
46) t-1,4-Dichloro-2-butene	10.846	75	31609m	18.585	ug/l	
47) Methyl methacrylate	6.962	69	119019	22.741	ug/l	94
48) Ethyl methacrylate	8.331	69	117774	11.313	ug/l	96
49) Toluene	7.962	92	317259	10.541	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	162324	11.356	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	194851	10.812	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	87744	10.782	ug/l	99
53) 1,3-Dichloropropane	8.569	76	157100	10.709	ug/l	99
54) 2-Hexanone	8.685	43	176850	30.973	ug/l	98
55) Dibromochloromethane	8.804	129	106882	10.669	ug/l	100
56) 1,2-Dibromoethane	8.917	107	81694	10.937	ug/l	97
58) Tetrachloroethene	8.547	164	114678	9.980	ug/l	94
59) Chlorobenzene	9.441	112	347116	10.488	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	120730	10.709	ug/l	98
61) Pentachloroethane	11.425	117	90402	11.157	ug/l	92
62) Hexachloroethane	12.473	117	107805	12.044	ug/l	95
63) Ethyl Benzene	9.563	91	628121	10.662	ug/l	100
64) m/p-Xylenes	9.688	106	465743	21.788	ug/l	97
65) o-Xylene	10.093	106	229850	10.867	ug/l	95
66) Styrene	10.110	104	364573	11.529	ug/l	96
67) Bromoform	10.286	173	55285	10.844	ug/l	99
69) Isopropylbenzene	10.479	105	608833	10.989	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.782	83	105351	10.461	ug/l	99
71) 1,2,3-Trichloropropane	10.836	75	95729m	11.599	ug/l	
72) Bromobenzene	10.778	156	128128	10.580	ug/l	95
73) n-propylbenzene	10.900	120	161730	11.564	ug/l	97
74) 2-Chlorotoluene	10.981	126	139140	10.825	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	525406	11.017	ug/l	98
76) 4-Chlorotoluene	11.093	126	142251	10.981	ug/l	94
77) tert-Butylbenzene	11.415	119	503195	11.227	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	533448	11.034	ug/l	99
79) sec-Butylbenzene	11.640	105	662722	11.469	ug/l	100
80) Nitrobenzene	13.206	77	15566	74.299	ug/l #	94
81) p-Isopropyltoluene	11.788	119	548524	11.359	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	256756	10.464	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	255935	10.646	ug/l	96
84) n-Butylbenzene	12.206	91	516288	11.256	ug/l	98
85) 1,2-Dichlorobenzene	12.212	146	239890	10.704	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	17104	12.170	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	147599	11.086	ug/l	98
88) Hexachlorobutadiene	14.016	225	89487	10.451	ug/l	100
89) Naphthalene	14.084	128	254764	12.374	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	124874	11.159	ug/l	99

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

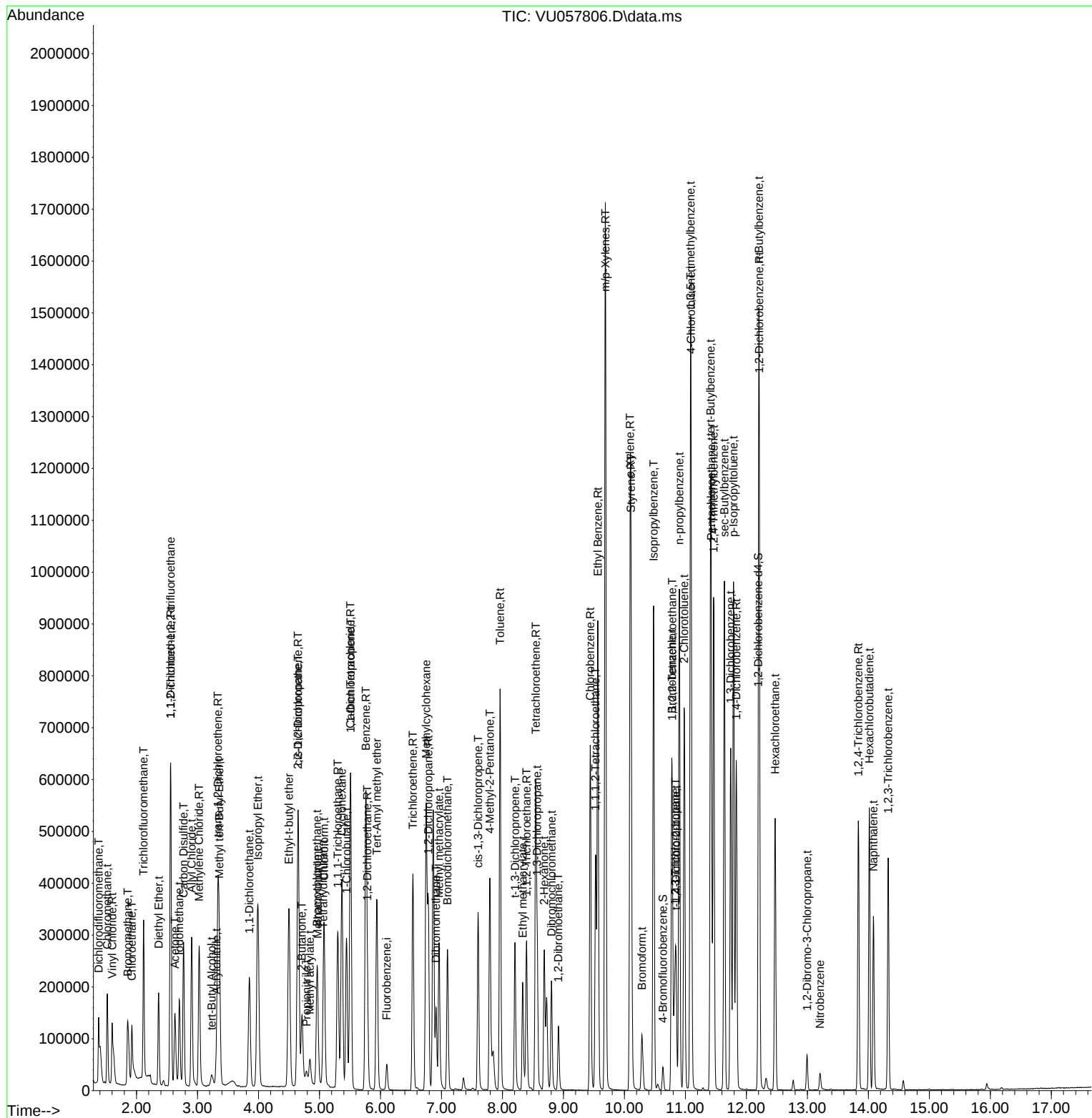
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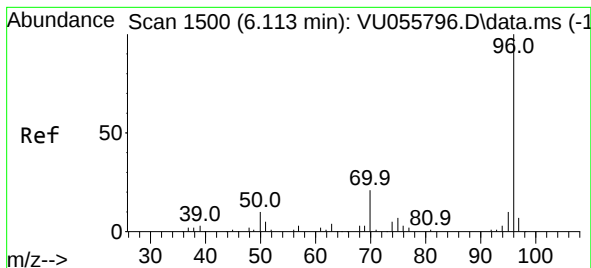
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.103 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

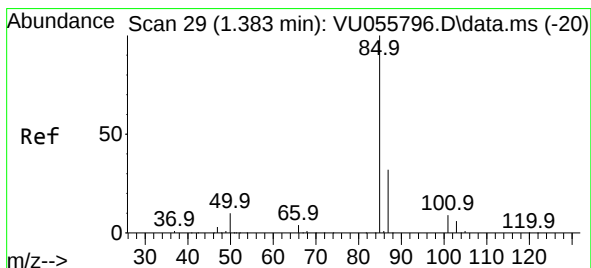
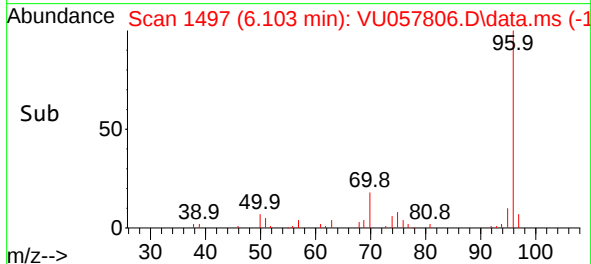
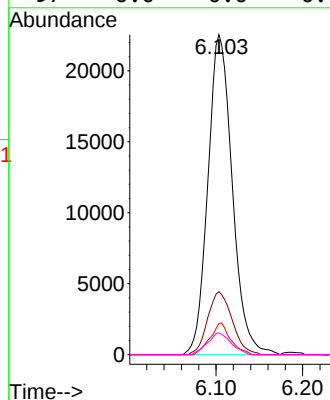
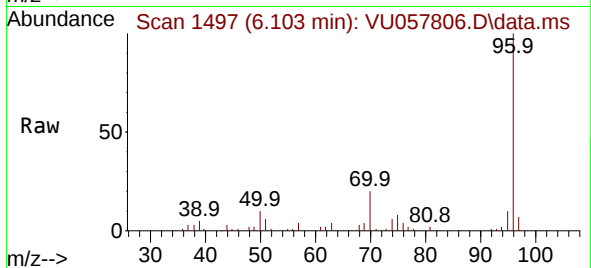
Tgt Ion: 96	Resp: 4415
Ion Ratio	Lower Upper
96 100	
70 19.8	16.5 24.7
95 8.4	7.4 11.0
97 0.0	0.0 0.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/14/2024



#2

Dichlorodifluoromethane

Concen: 10.328 ug/l m

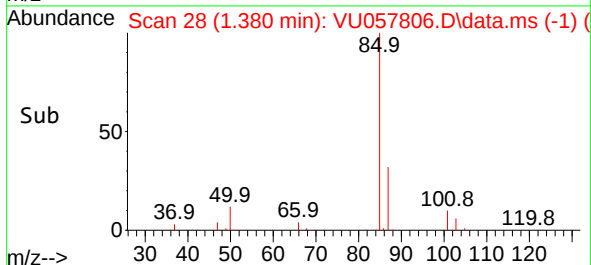
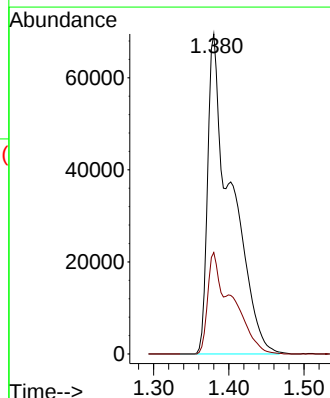
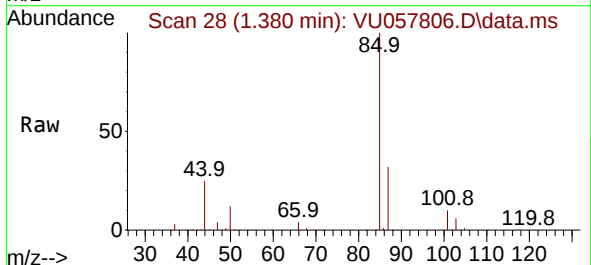
RT: 1.380 min Scan# 28

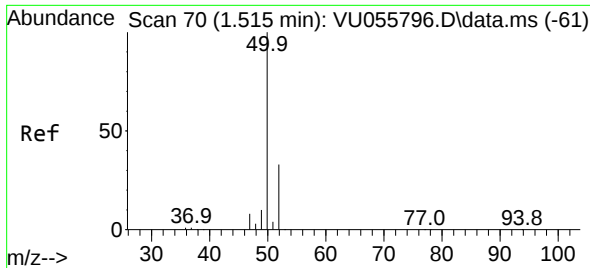
Delta R.T. 0.000 min

Lab File: VU057806.D

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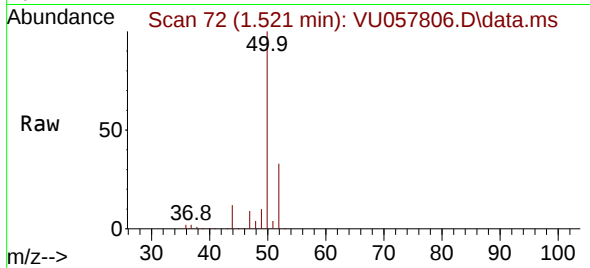
Tgt Ion: 85	Resp: 151676
Ion Ratio	Lower Upper
85 100	
87 31.7	16.2 48.6





#3
Chloromethane
Concen: 10.103 ug/l
RT: 1.521 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057806.D
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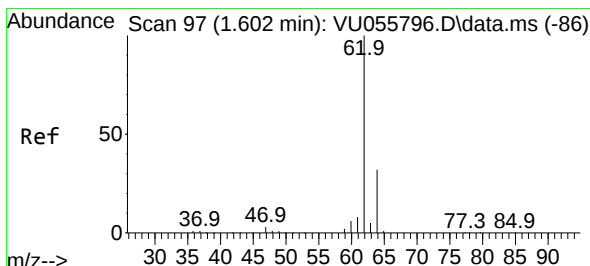
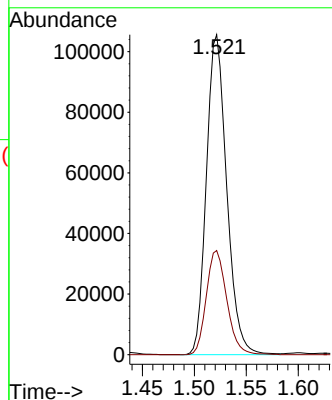
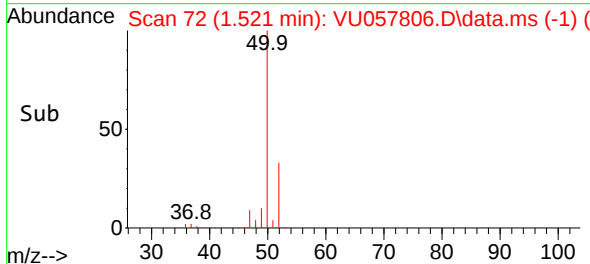
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Tgt Ion: 50 Resp: 143125
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

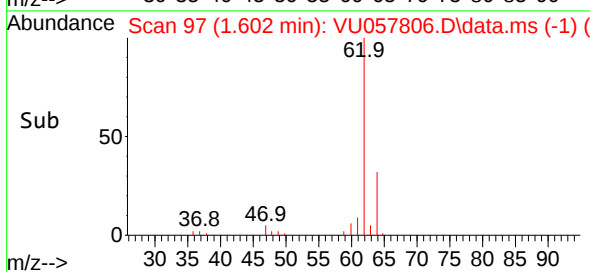
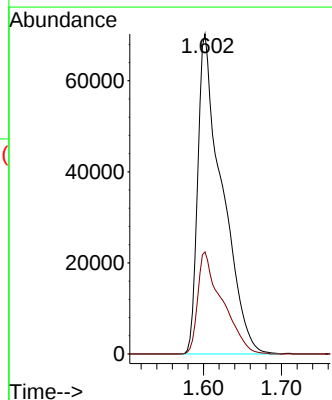
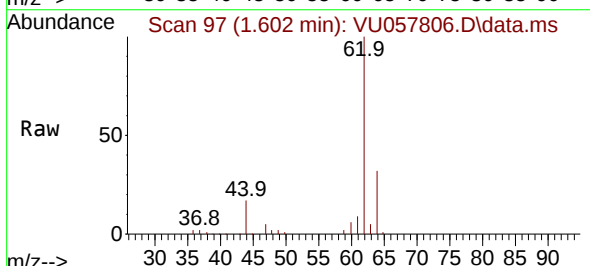
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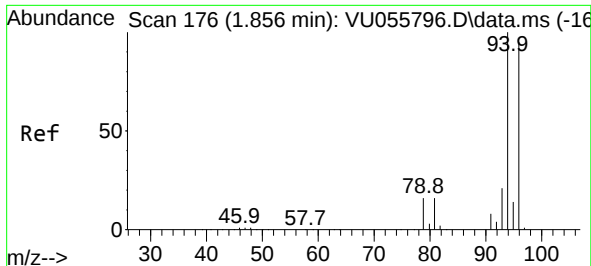
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 10.542 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

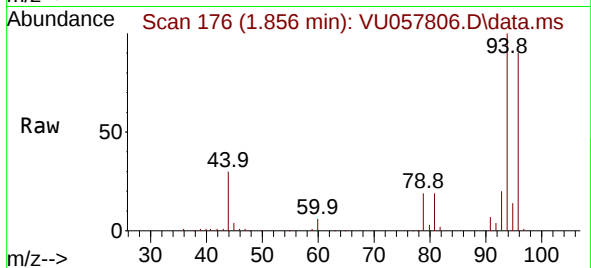
Tgt Ion: 62 Resp: 151820
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 8.865 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

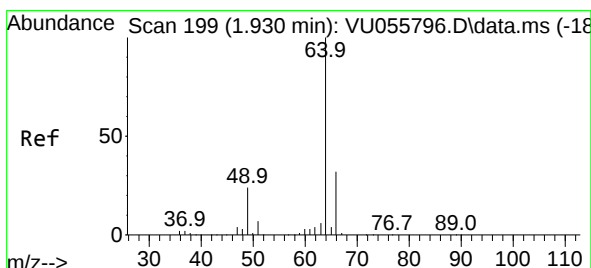
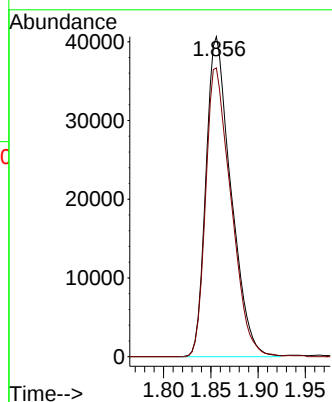
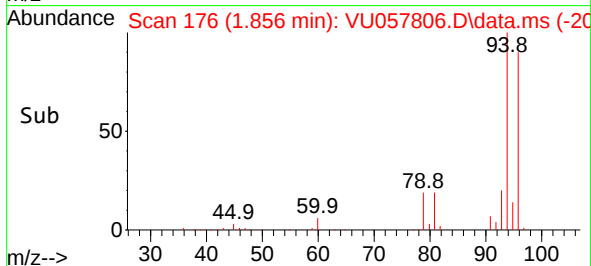
Instrument :
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ClientSampleId :
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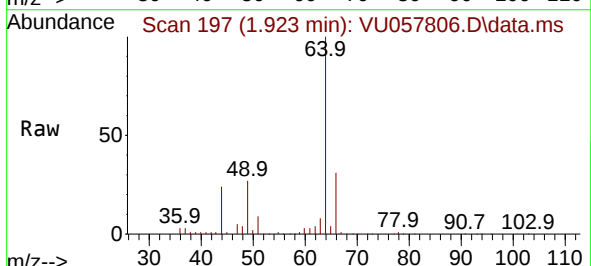
Tgt Ion: 94 Resp: 74720
Ion Ratio Lower Upper
94 100
96 90.3 75.4 113.2

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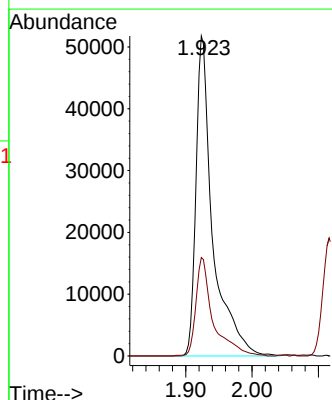
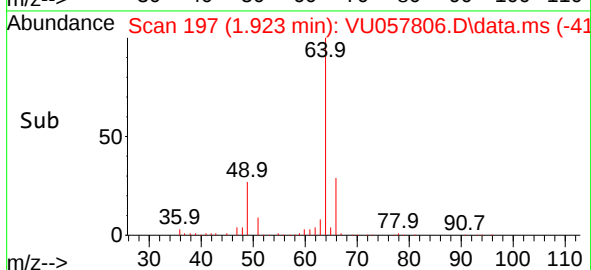
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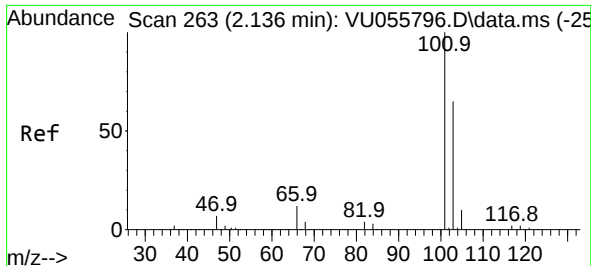


#6
Chloroethane
Concen: 10.013 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion: 64 Resp: 90756
Ion Ratio Lower Upper
64 100
66 30.5 26.0 39.0





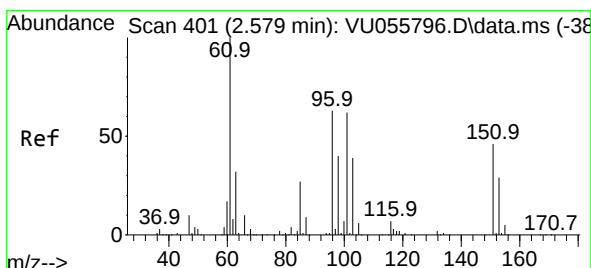
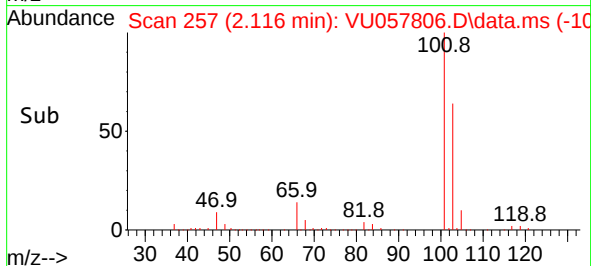
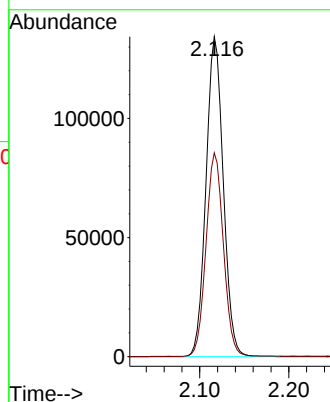
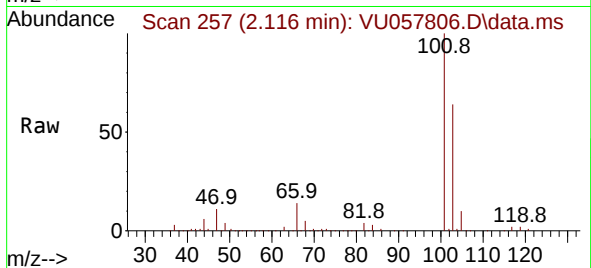
#7
Trichlorofluoromethane
Concen: 8.564 ug/l
RT: 2.116 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU057806.D
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Instrument :
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Tgt Ion:101 Resp: 180739
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

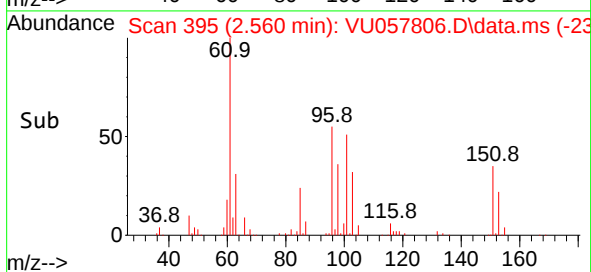
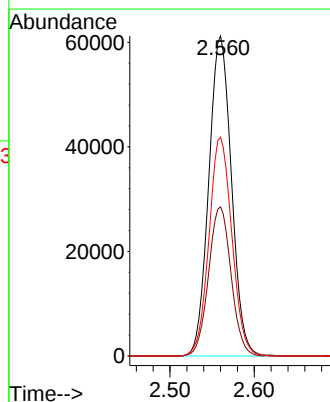
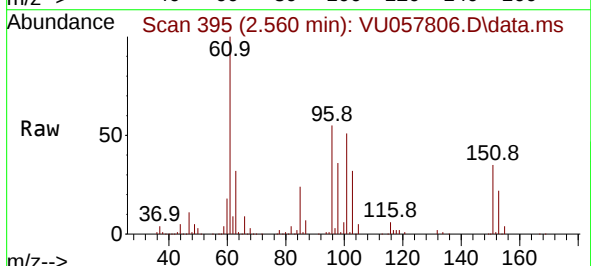
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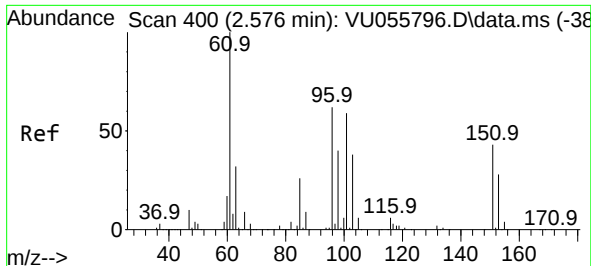
Reviewed By :John Carlone 02/14/2024
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.132 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:101 Resp: 114350
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.0
151 69.2 54.0 81.0





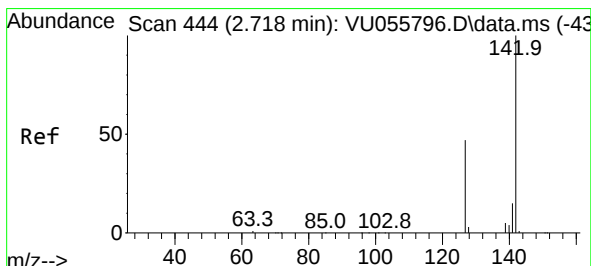
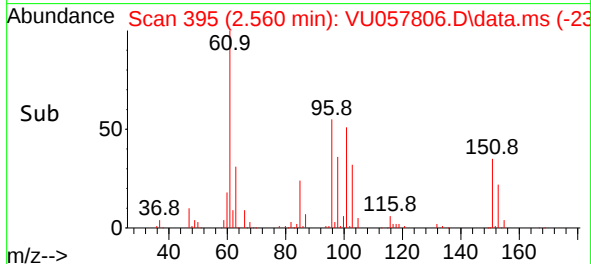
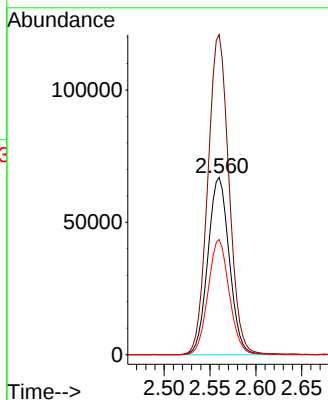
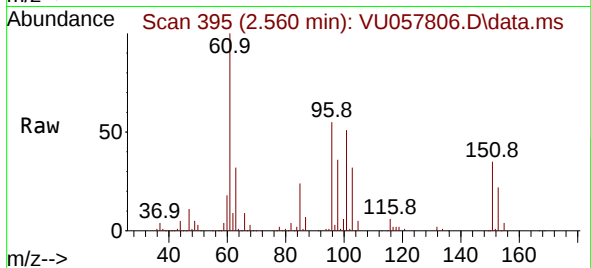
#9
1,1-Dichloroethene
Concen: 10.022 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
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Tgt Ion: 96 Resp: 109002
Ion Ratio Lower Upper
96 100
61 180.5 0.0 521.4
98 65.0 0.0 125.8

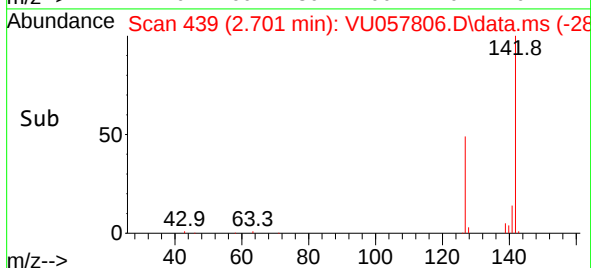
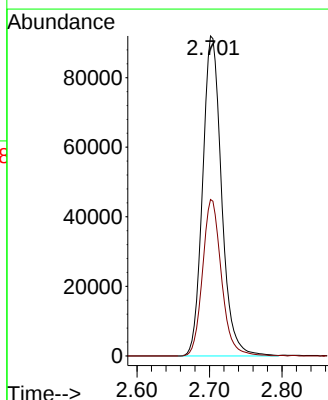
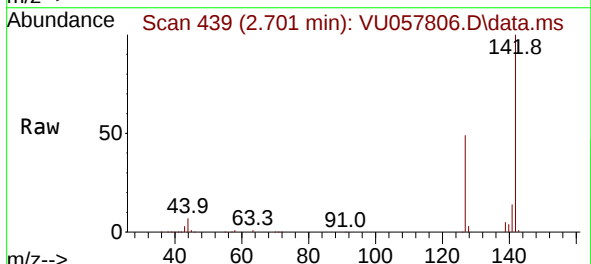
Manual Integrations
APPROVED

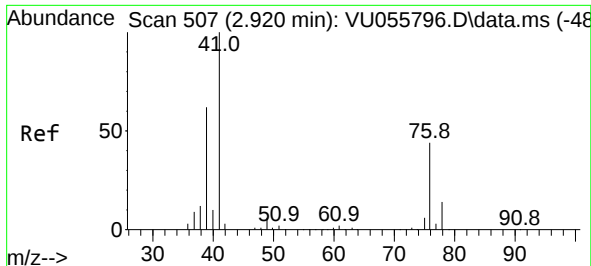
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 12.616 ug/l
RT: 2.701 min Scan# 439
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

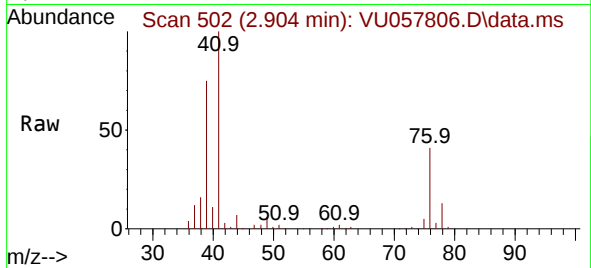
Tgt Ion:142 Resp: 166964
Ion Ratio Lower Upper
142 100
127 48.8 35.9 53.9





#11
 Allyl Chloride
 Concen: 11.228 ug/l
 RT: 2.904 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59

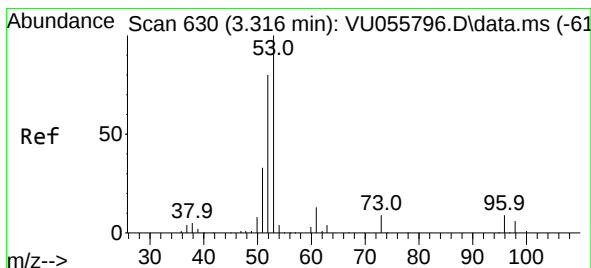
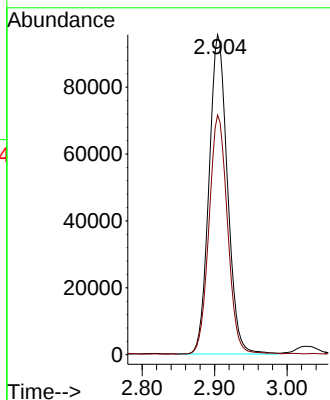
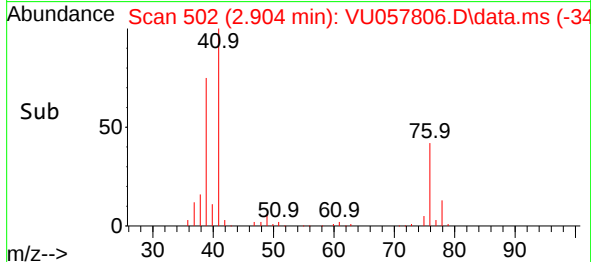
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



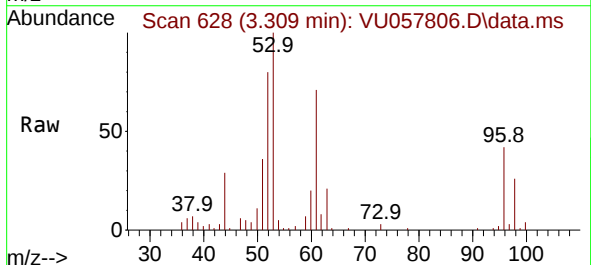
Tgt Ion: 41 Resp: 168889
 Ion Ratio Lower Upper
 41 100
 39 74.8 54.2 81.2

Manual Integrations
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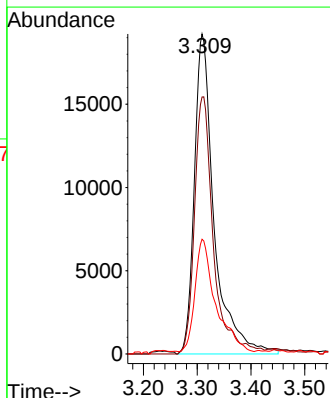
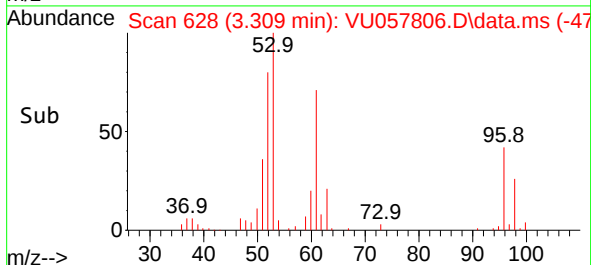
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

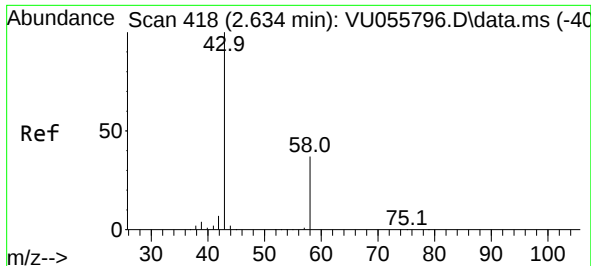


#12
 Acrylonitrile
 Concen: 25.473 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59



Tgt Ion: 53 Resp: 49012
 Ion Ratio Lower Upper
 53 100
 52 75.0 62.9 94.3
 51 36.4 27.8 41.6





#13

Acetone

Concen: 53.758 ug/l

RT: 2.631 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 17993

Ion Ratio Lower Upper

43 100

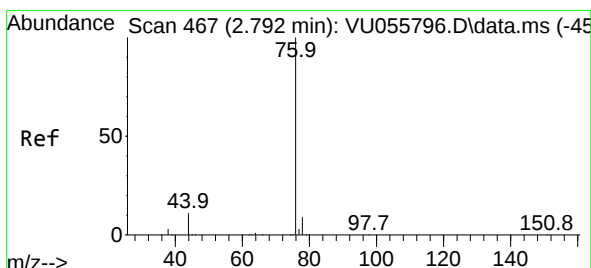
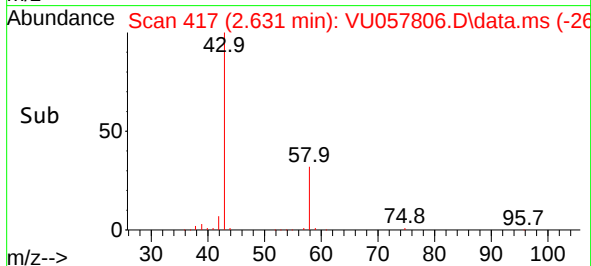
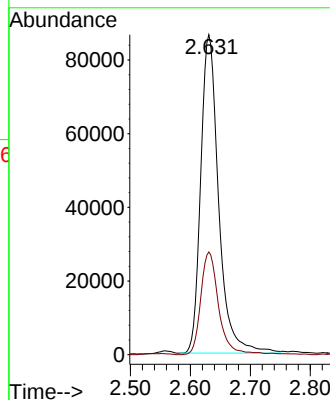
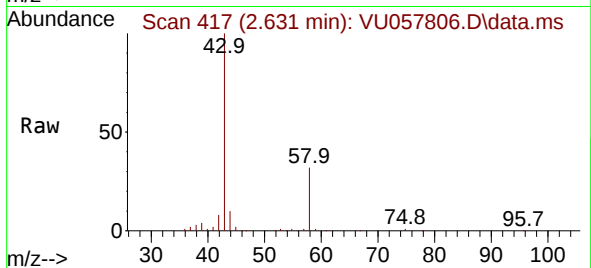
58 32.2 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 10.143 ug/l

RT: 2.772 min Scan# 461

Delta R.T. 0.000 min

Lab File: VU057806.D

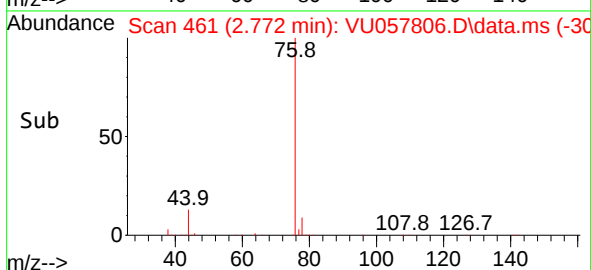
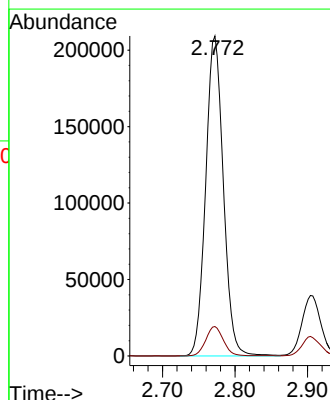
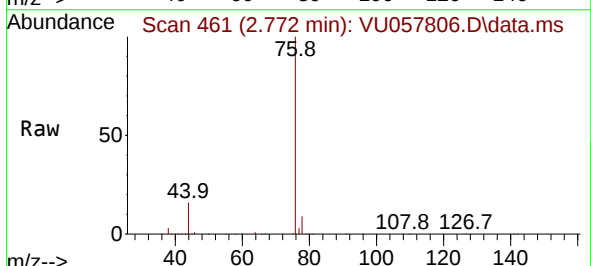
Acq: 05 Feb 2024 13:59

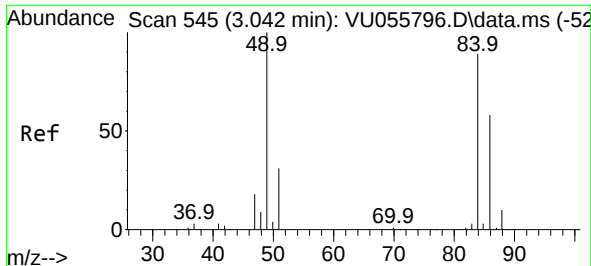
Tgt Ion: 76 Resp: 353978

Ion Ratio Lower Upper

76 100

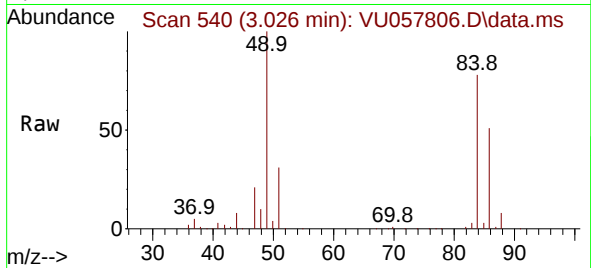
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.662 ug/l
RT: 3.026 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

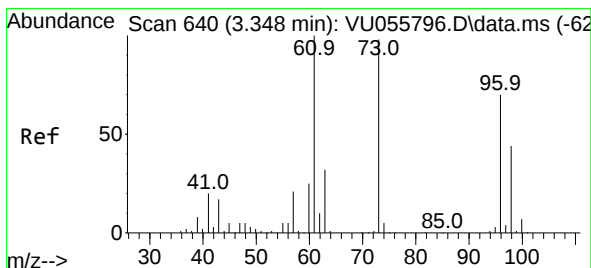
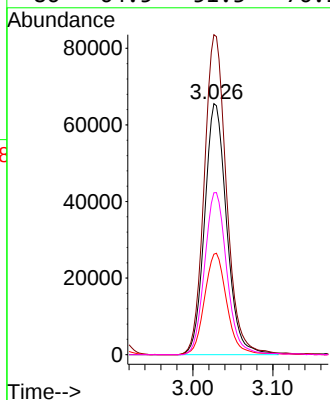
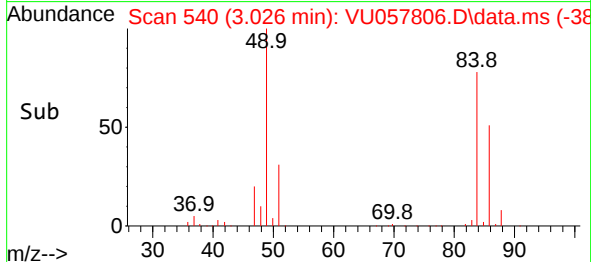
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



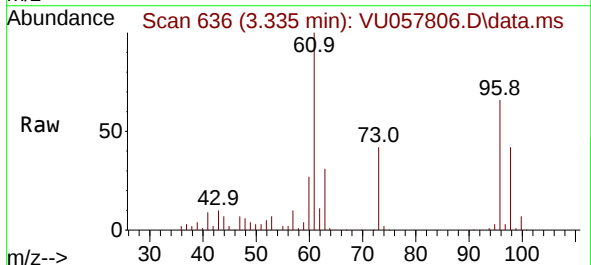
Tgt Ion: 84 Resp: 126260
Ion Ratio Lower Upper
84 100
49 127.4 98.9 148.3
51 40.0 0.0 75.4
86 64.5 51.3 76.9

Manual Integrations
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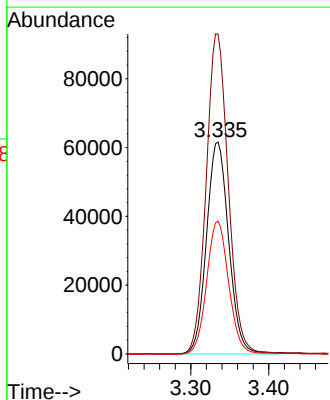
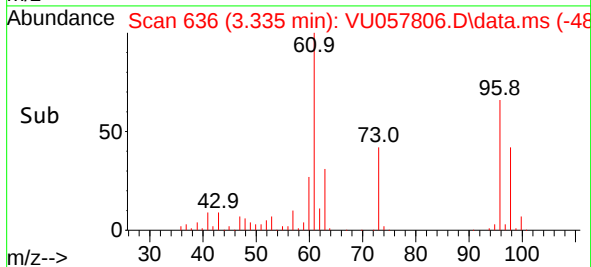
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

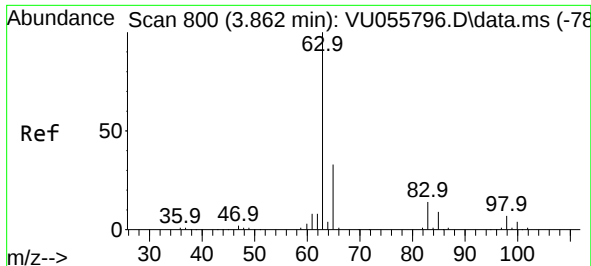


#16
trans-1,2-Dichloroethene
Concen: 10.274 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion: 96 Resp: 121978
Ion Ratio Lower Upper
96 100
61 150.9 117.5 176.3
98 62.7 48.3 72.5





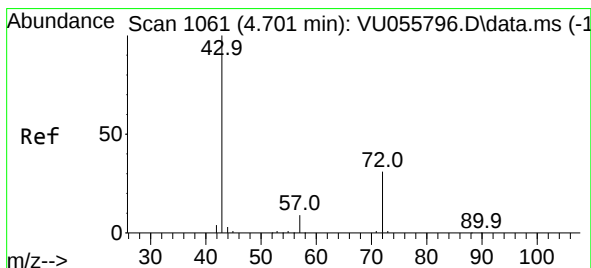
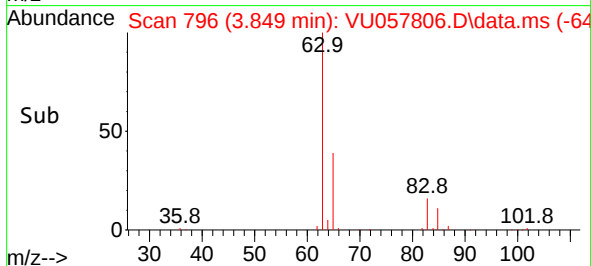
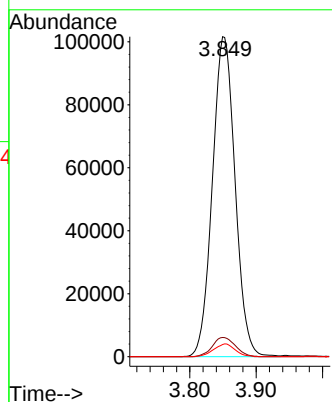
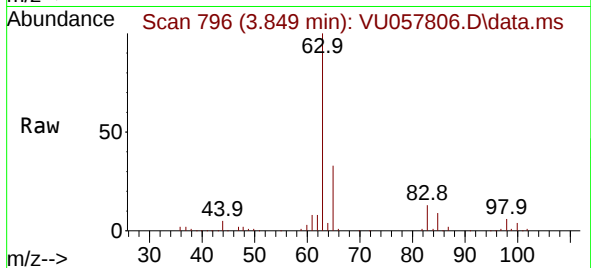
#17
1,1-Dichloroethane
Concen: 10.641 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 24129
Ion Ratio Lower Upper
63 100
98 6.0 3.4 10.1
100 3.8 2.2 6.6

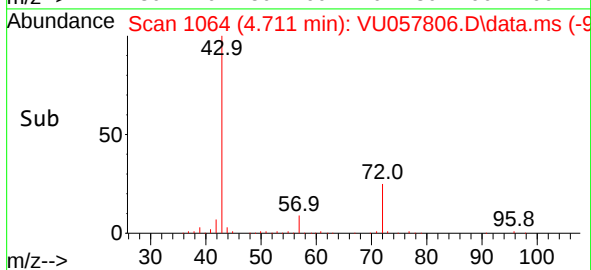
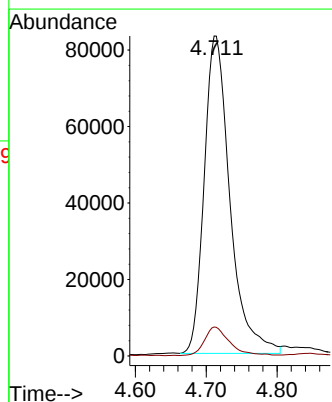
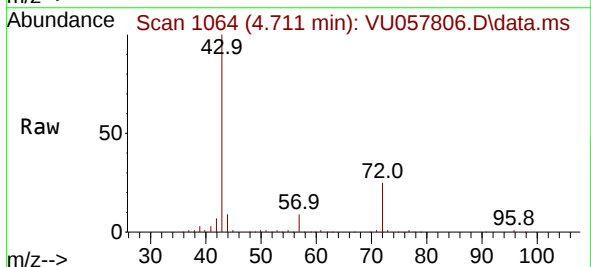
Manual Integrations
APPROVED

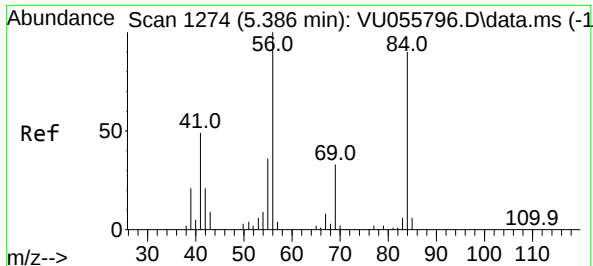
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 57.209 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion: 43 Resp: 209502
Ion Ratio Lower Upper
43 100
57 9.0 0.0 19.6





#19

Cyclohexane

Concen: 10.745 ug/l

RT: 5.367 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 56 Resp: 191650

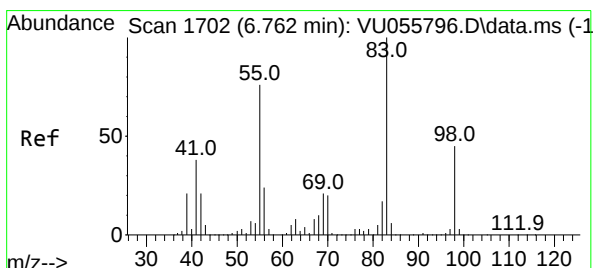
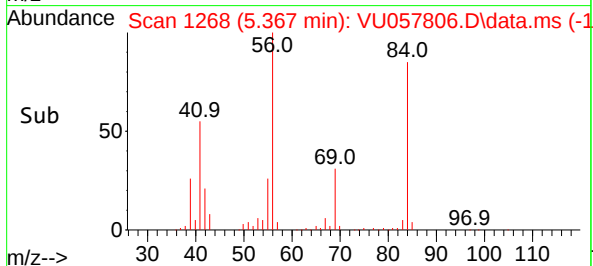
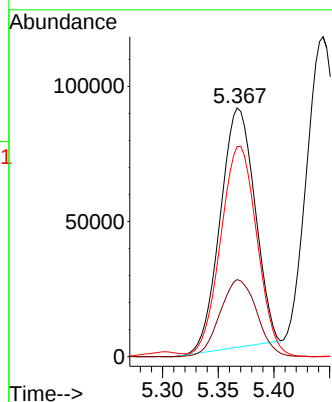
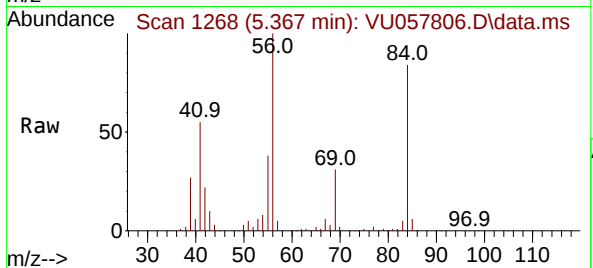
Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.6	37.0
84	90.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.557 ug/l

RT: 6.750 min Scan# 1698

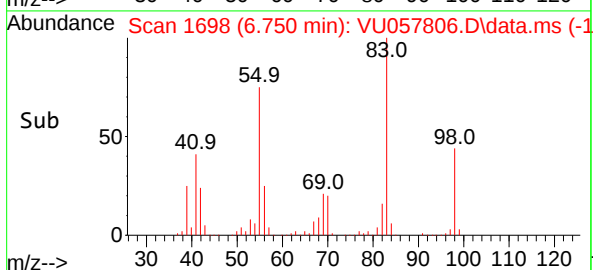
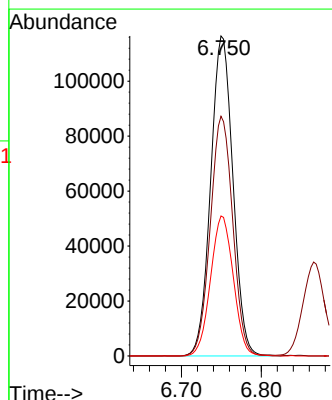
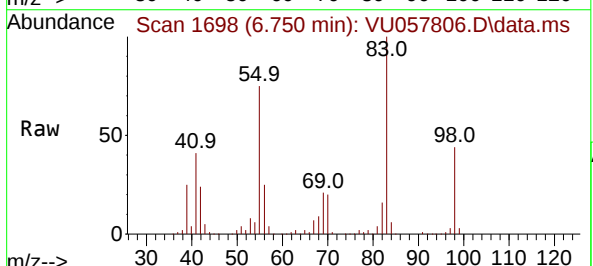
Delta R.T. 0.000 min

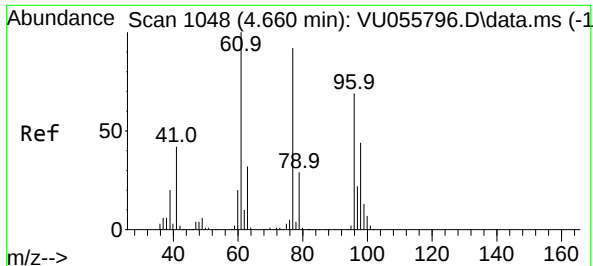
Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Tgt Ion: 83 Resp: 225013

Ion	Ratio	Lower	Upper
83	100		
55	75.2	63.5	95.3
98	44.7	36.0	54.0





#21

2,2-Dichloropropane

Concen: 10.618 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 77 Resp: 212280

Ion Ratio Lower Upper

77 100

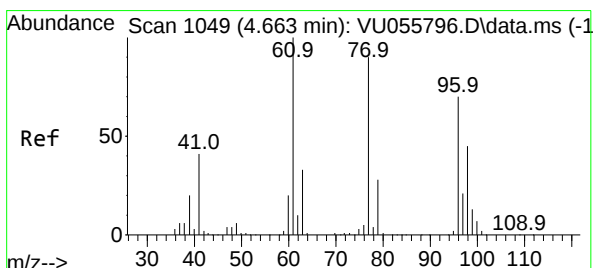
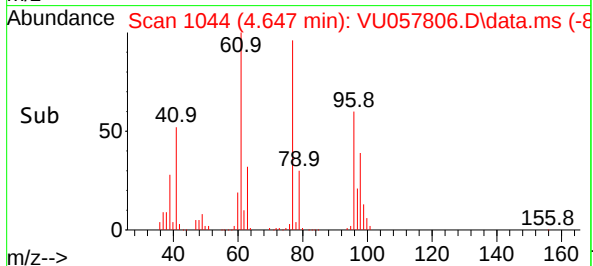
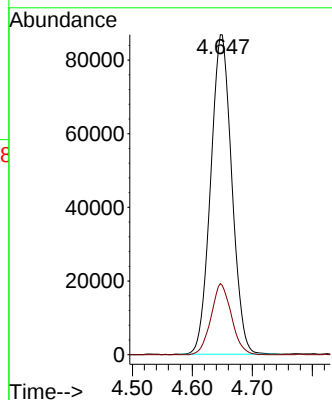
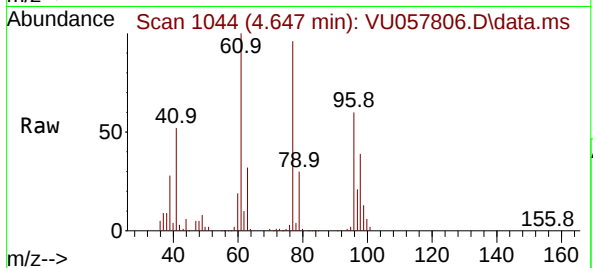
97 21.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 9.939 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

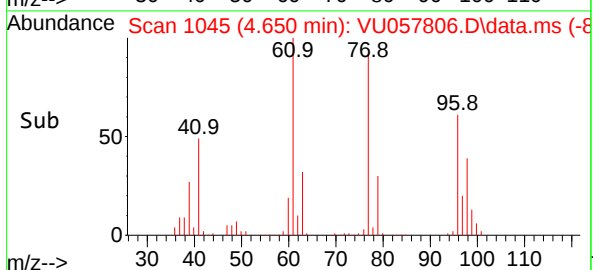
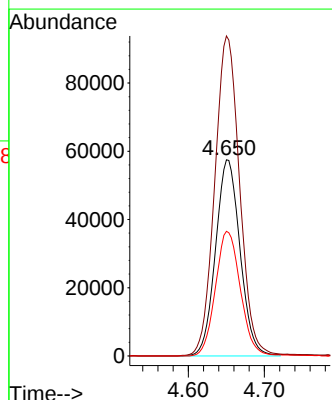
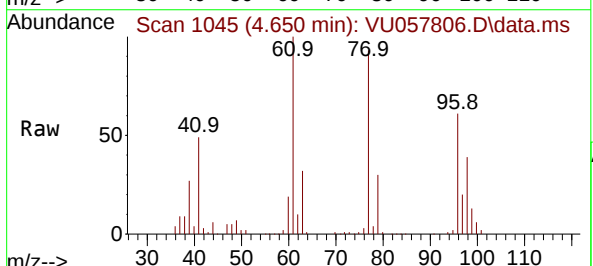
Tgt Ion: 96 Resp: 128815

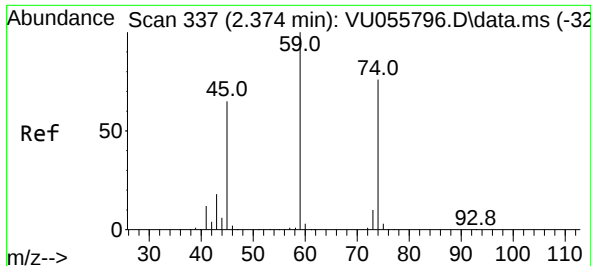
Ion Ratio Lower Upper

96 100

61 166.3 0.0 365.8

98 64.9 32.0 96.0





#23

Diethyl Ether

Concen: 10.813 ug/l

RT: 2.364 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 8599

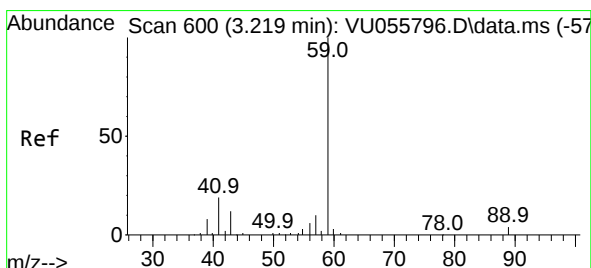
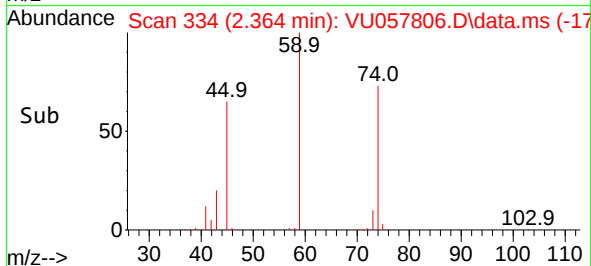
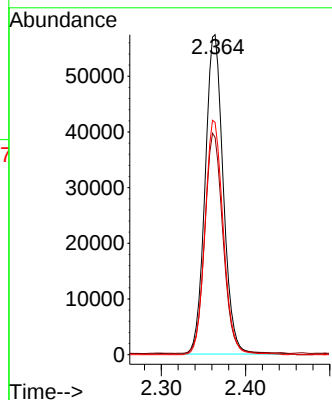
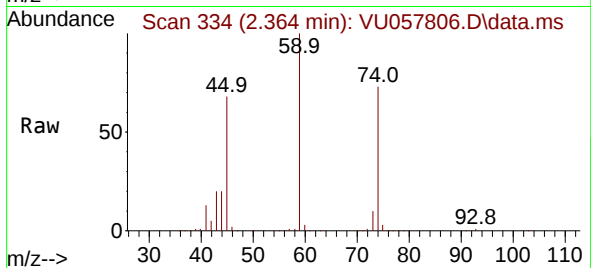
Ion	Ratio	Lower	Upper
59	100		
45	68.9	56.1	84.1
74	74.2	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#24

tert-Butyl Alcohol

Concen: 50.563 ug/l

RT: 3.232 min Scan# 604

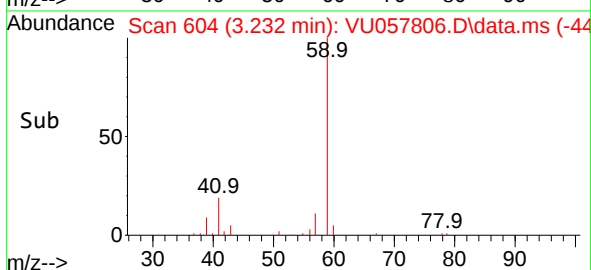
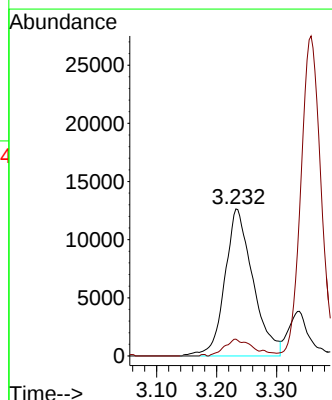
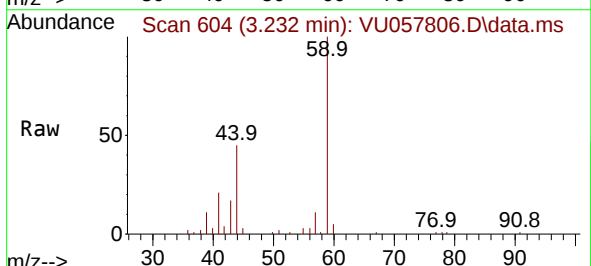
Delta R.T. 0.000 min

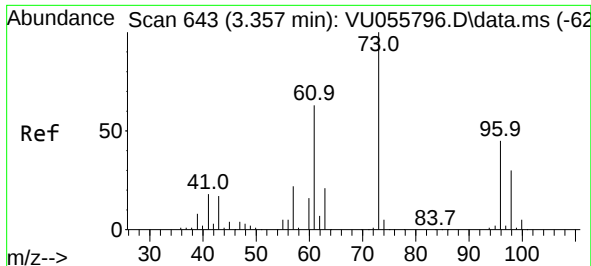
Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Tgt Ion: 59 Resp: 41167

Ion	Ratio	Lower	Upper
59	100		
57	10.1	105.6	158.4#





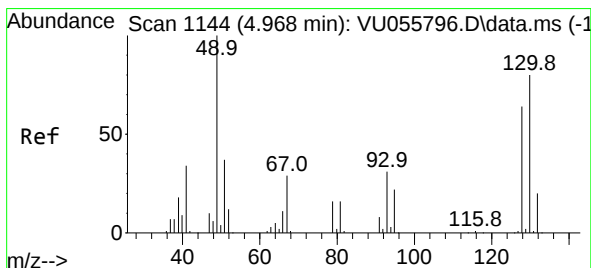
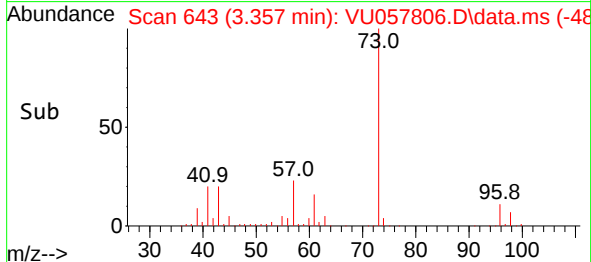
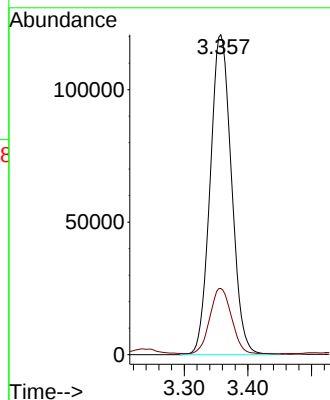
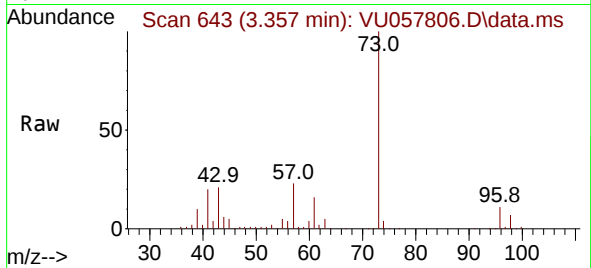
#25
Methyl tert-Butyl Ether
Concen: 10.864 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 280764
Ion Ratio Lower Upper
73 100
43 20.9 15.0 22.6

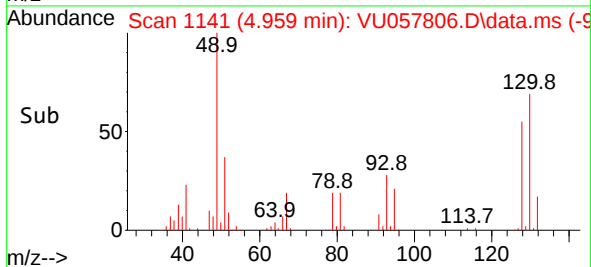
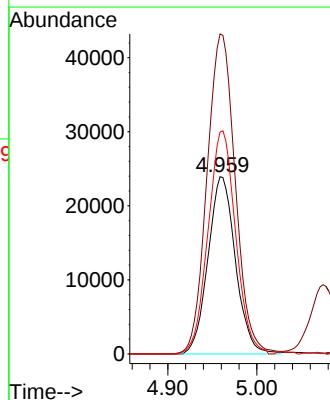
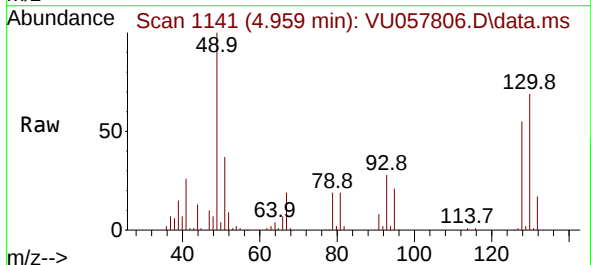
Manual Integrations
APPROVED

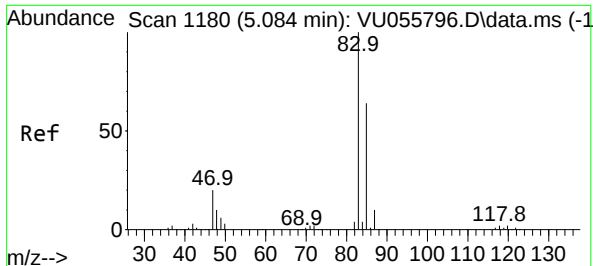
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 9.824 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:128 Resp: 51143
Ion Ratio Lower Upper
128 100
49 186.0 0.0 324.6
130 126.8 103.0 154.4





#27

Chloroform

Concen: 10.280 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 24041

Ion Ratio Lower Upper

83 100

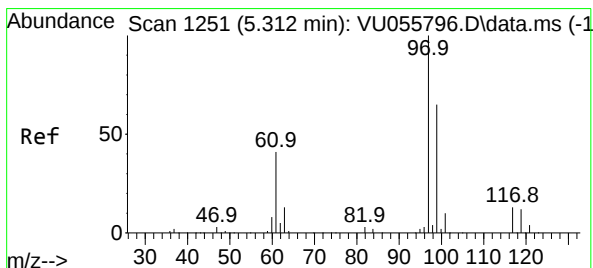
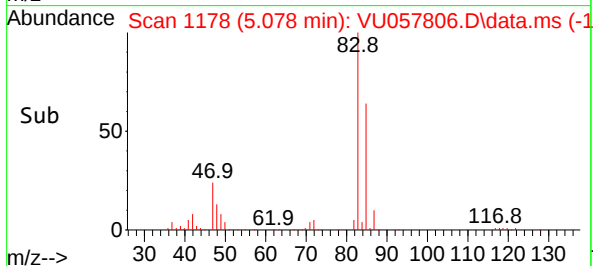
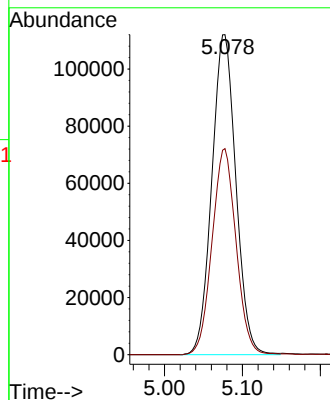
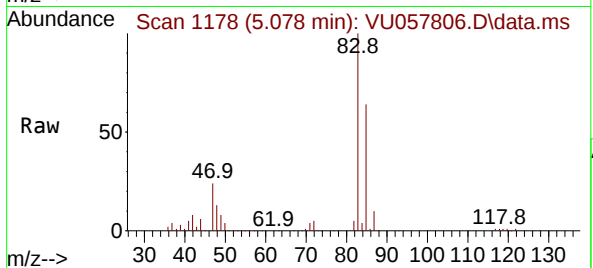
85 64.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 10.233 ug/l

RT: 5.299 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

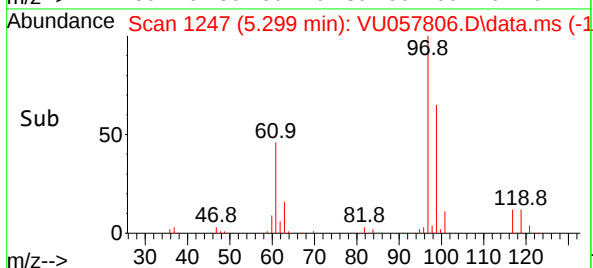
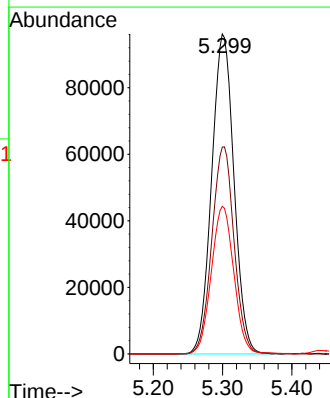
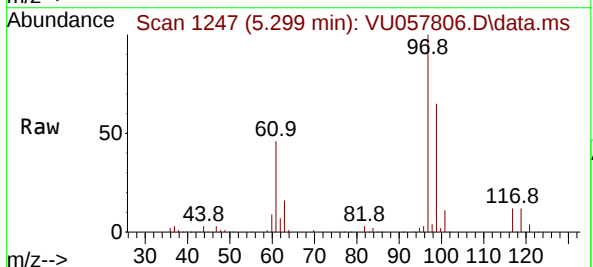
Tgt Ion: 97 Resp: 215237

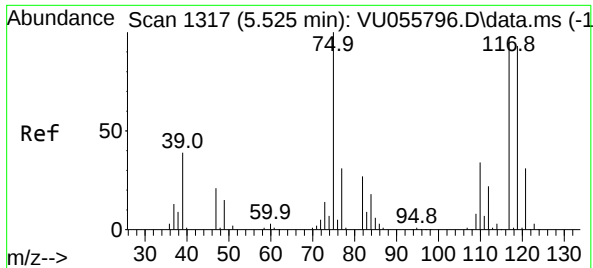
Ion Ratio Lower Upper

97 100

99 64.5 32.0 96.2

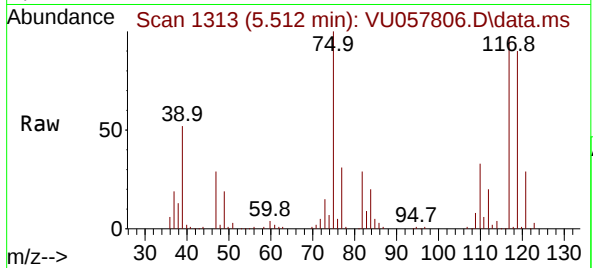
61 46.6 22.9 68.5





#29
1,1-Dichloropropene
Concen: 10.443 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

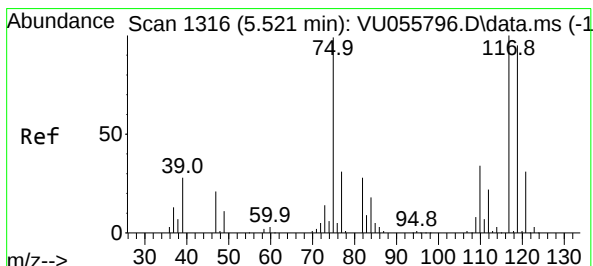
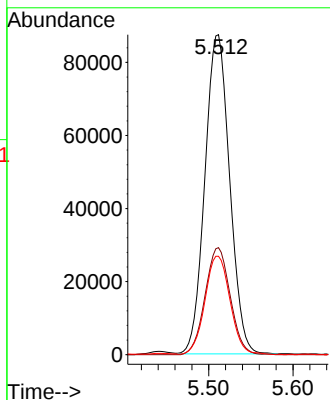
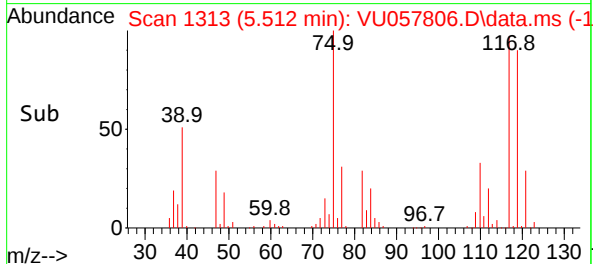
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



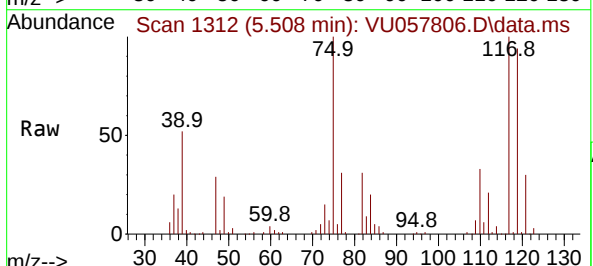
Tgt Ion: 75 Resp: 178529
Ion Ratio Lower Upper
75 100
110 34.0 18.0 54.0
77 31.4 24.7 37.1

Manual Integrations
APPROVED

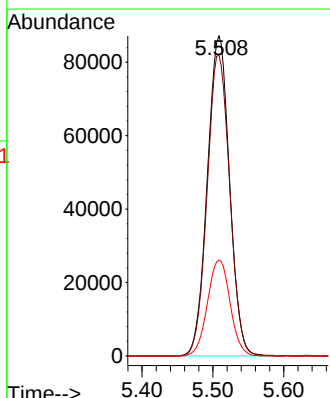
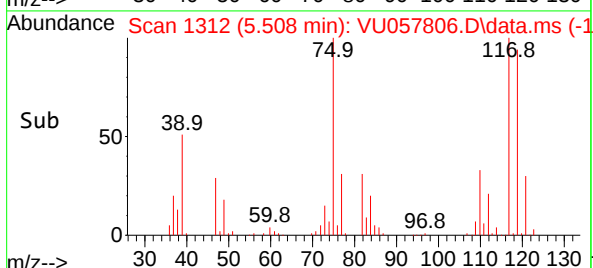
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 10.428 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



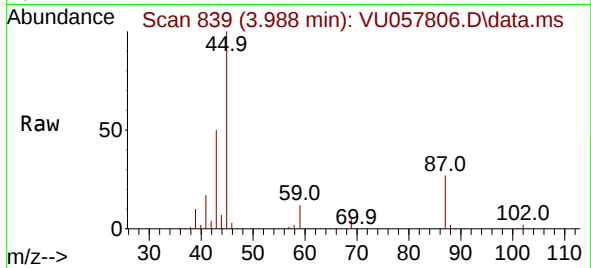
Tgt Ion:117 Resp: 189520
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 30.3 24.0 36.0





#31
Isopropyl Ether
Concen: 11.271 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

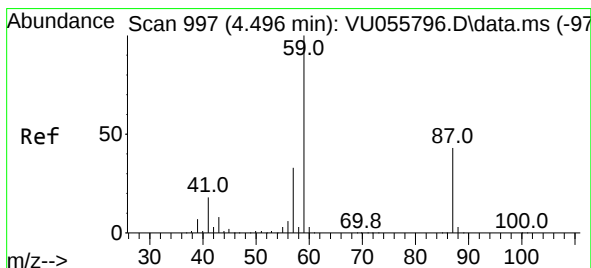
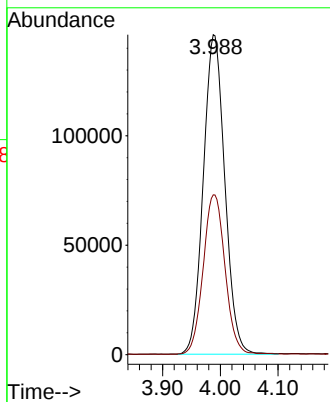
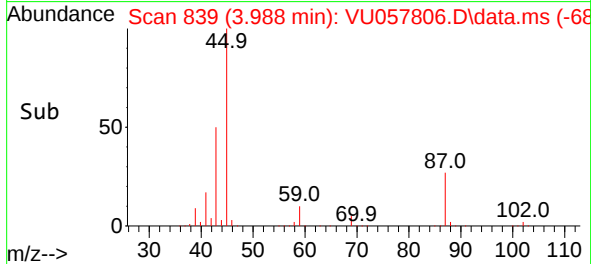
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



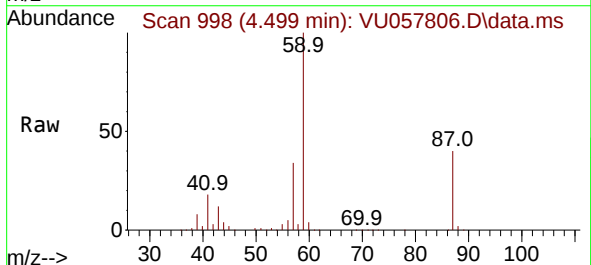
Tgt Ion: 45 Resp: 377652
Ion Ratio Lower Upper
45 100
43 50.6 27.5 82.5

Manual Integrations
APPROVED

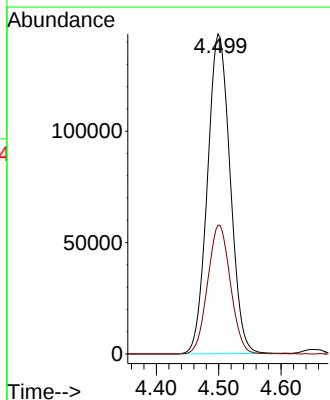
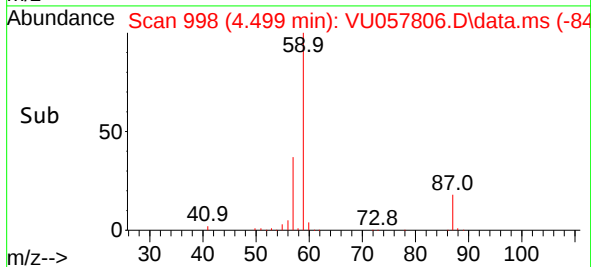
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

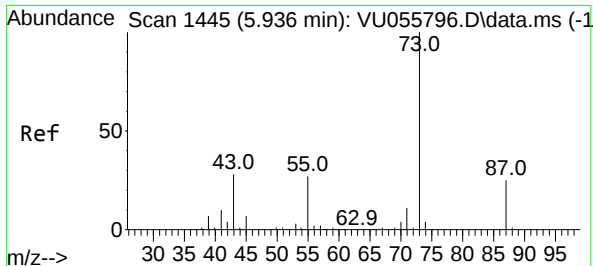


#32
Ethyl-t-butyl ether
Concen: 11.668 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



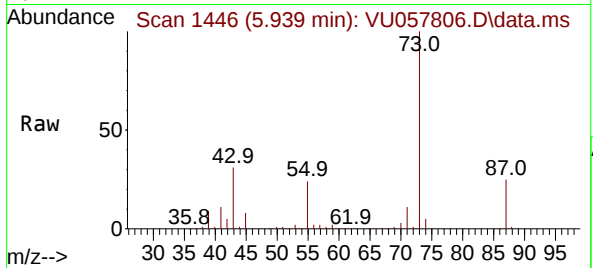
Tgt Ion: 59 Resp: 362944
Ion Ratio Lower Upper
59 100
87 40.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 11.775 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

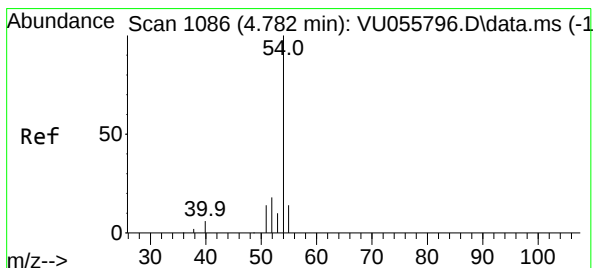
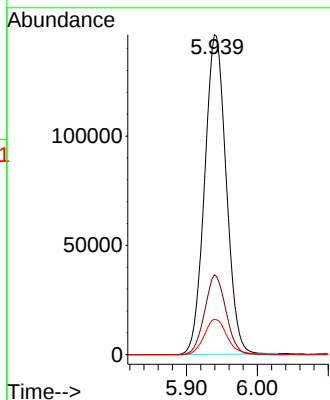
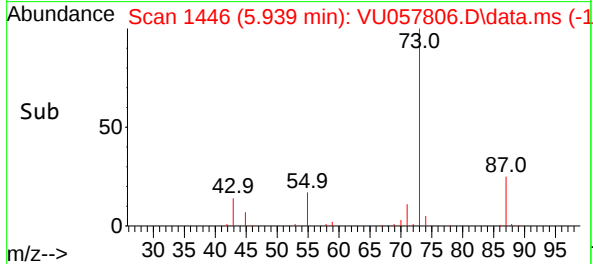
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 308788
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 11.9 9.9 14.9

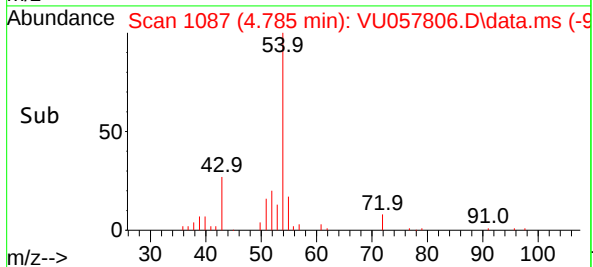
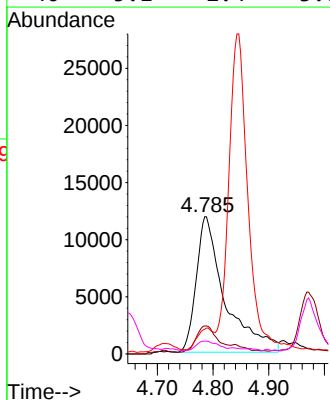
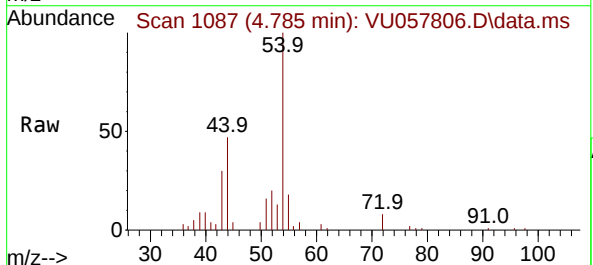
Manual Integrations
APPROVED

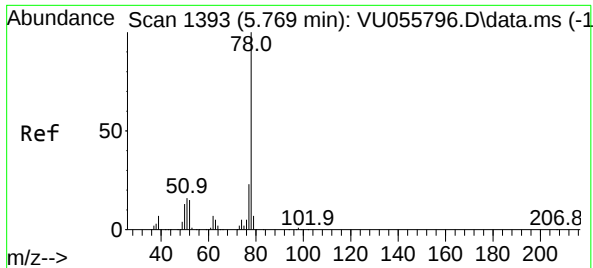
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 56.464 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

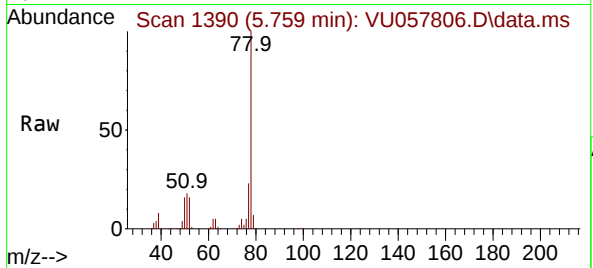
Tgt Ion: 54 Resp: 42711
Ion Ratio Lower Upper
54 100
52 14.3 17.4 26.0#
55 9.6 104.1 156.1#
40 5.1 2.4 3.6#





#35
Benzene
Concen: 10.446 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

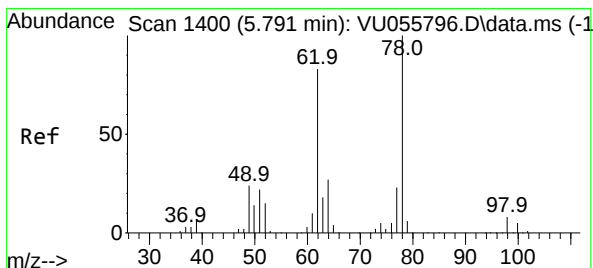
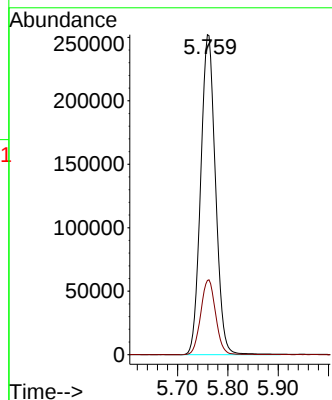
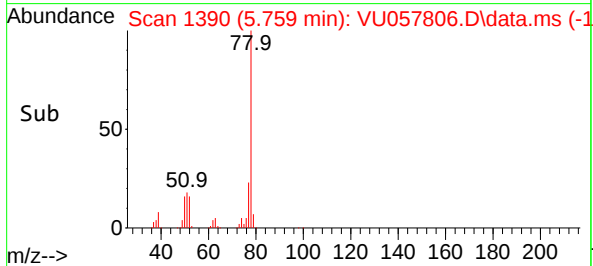
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



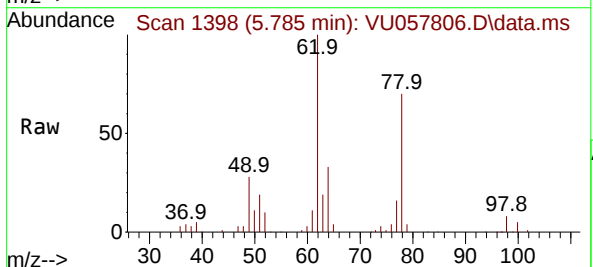
Tgt Ion: 78 Resp: 515099
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

Manual Integrations
APPROVED

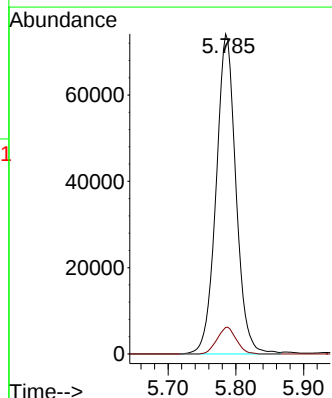
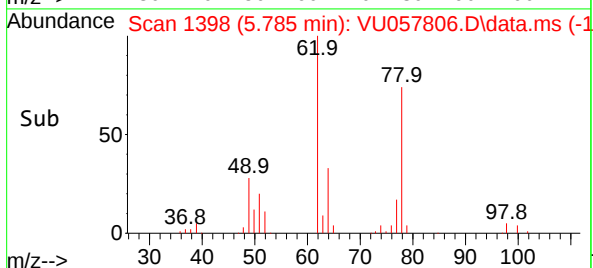
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

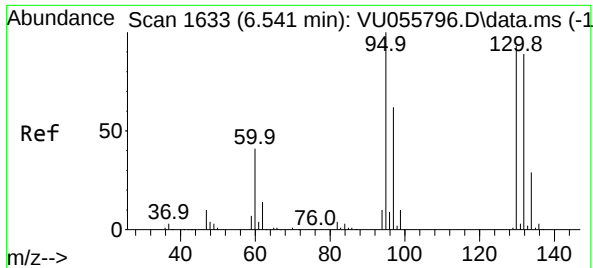


#36
1,2-Dichloroethane
Concen: 10.468 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



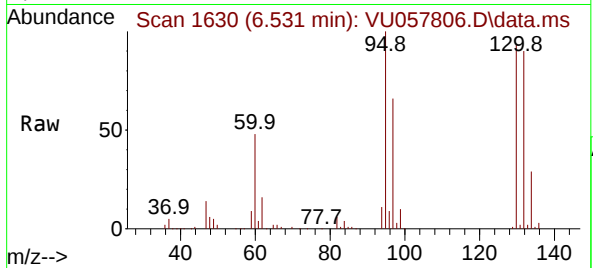
Tgt Ion: 62 Resp: 150725
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9





#37
Trichloroethene
Concen: 10.166 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

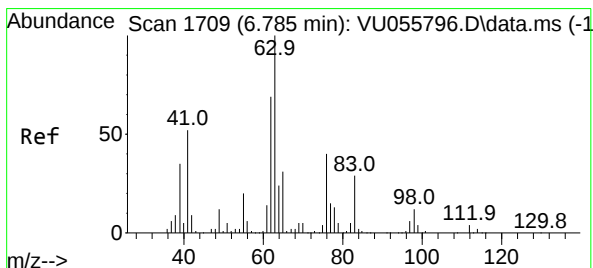
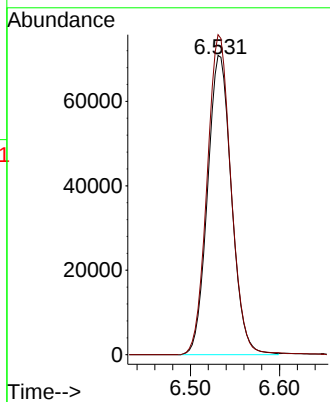
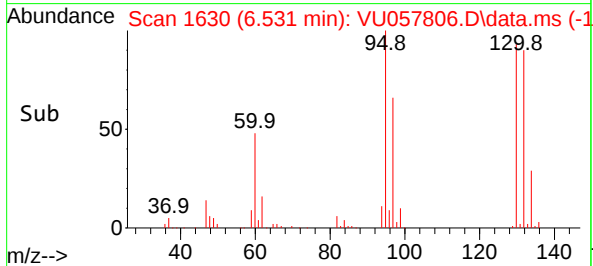
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



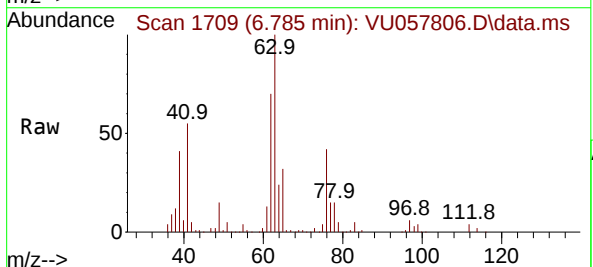
Tgt Ion:130 Resp: 132438
Ion Ratio Lower Upper
130 100
95 107.0 85.0 127.6

Manual Integrations
APPROVED

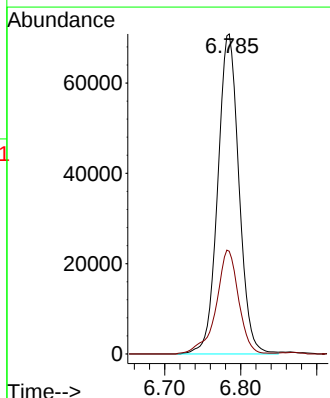
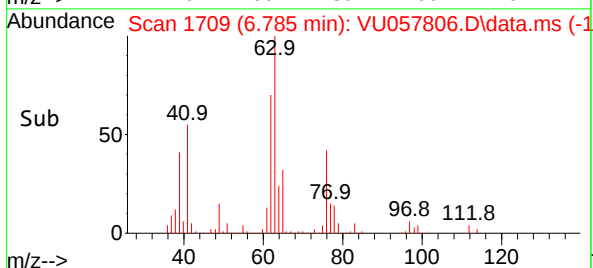
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#38
1,2-Dichloropropane
Concen: 10.670 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion: 63 Resp: 137185
Ion Ratio Lower Upper
63 100
65 31.9 24.9 37.3





#39

Methacrylonitrile

Concen: 12.415 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 3844

Ion Ratio Lower Upper

41 100

67 77.9 66.8 100.2

39 55.0 41.2 61.8

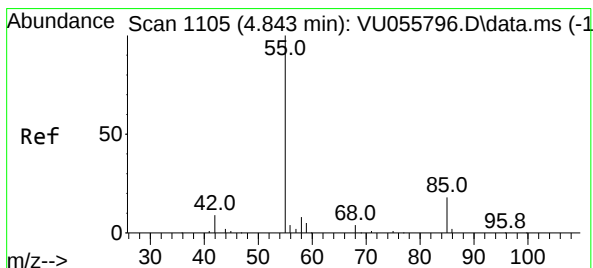
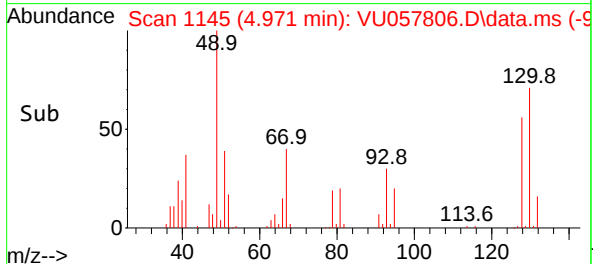
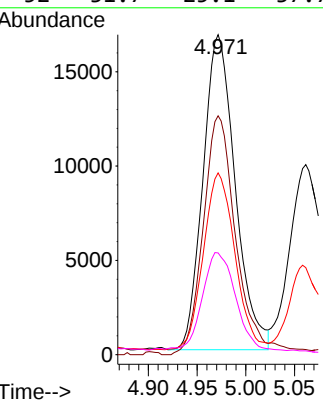
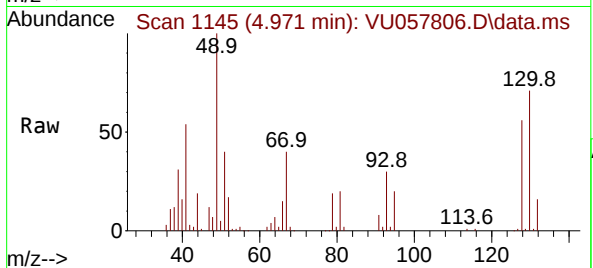
52 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 14.163 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Tgt Ion: 55 Resp: 65562

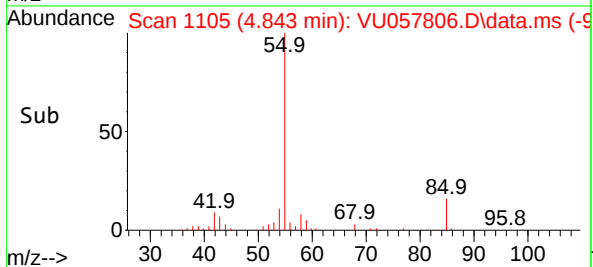
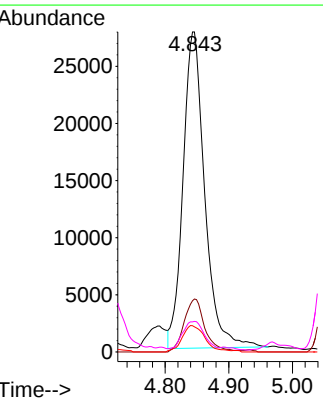
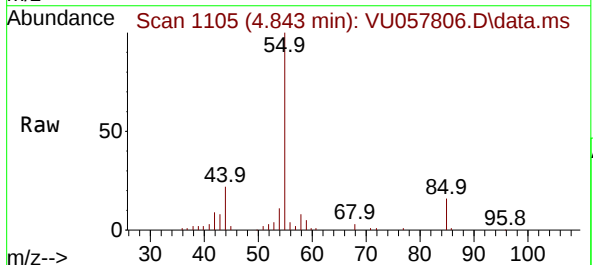
Ion Ratio Lower Upper

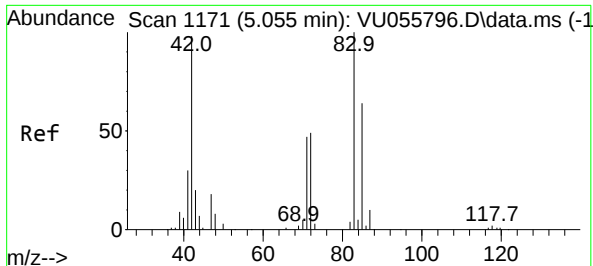
55 100

85 16.1 13.3 19.9

58 8.8 6.5 9.7

42 8.4 5.9 8.9





#41

Tetrahydrofuran

Concen: 22.752 ug/l

RT: 5.061 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

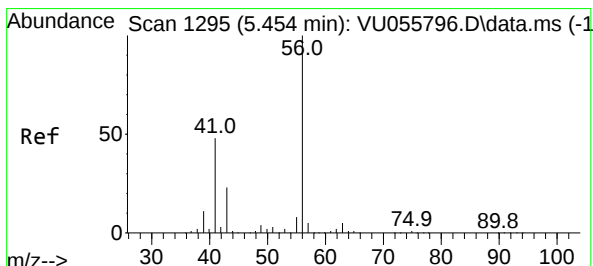
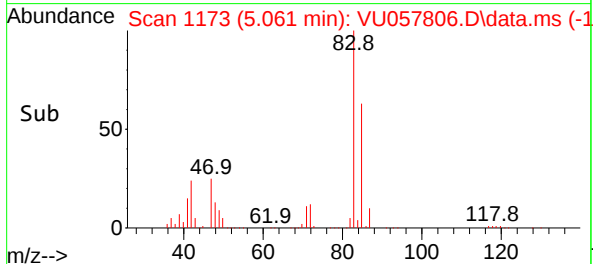
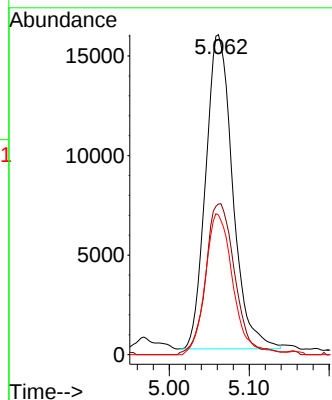
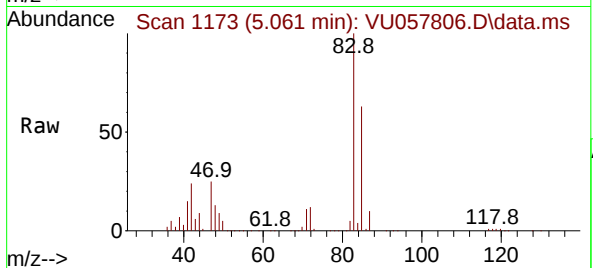
Tgt Ion:	42	Resp:	37034
Ion Ratio	Lower	Upper	
42	100		
72	51.1	40.9	61.3
71	46.1	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 10.674 ug/l

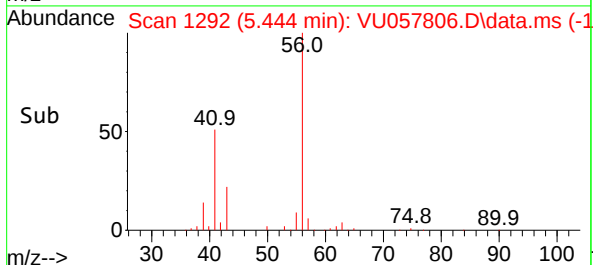
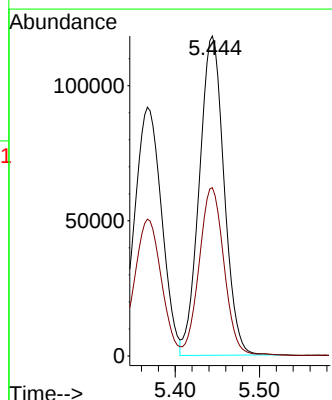
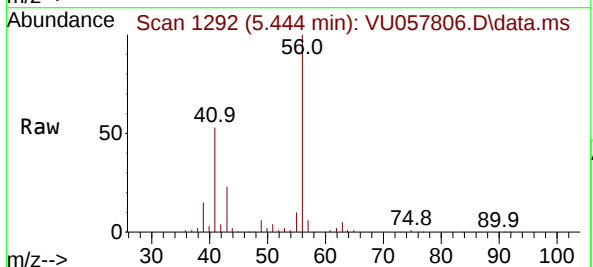
RT: 5.444 min Scan# 1292

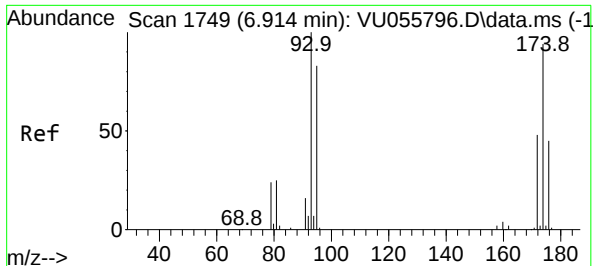
Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

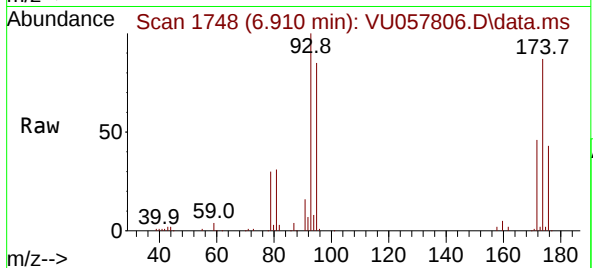
Tgt Ion:	56	Resp:	241053
Ion Ratio	Lower	Upper	
56	100		
41	51.7	25.2	75.6





#43
Dibromomethane
Concen: 10.593 ug/l
RT: 6.910 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

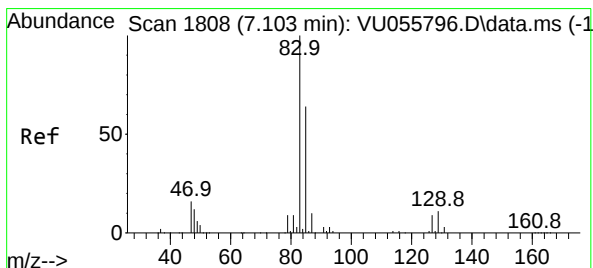
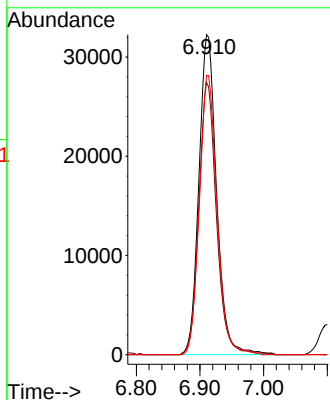
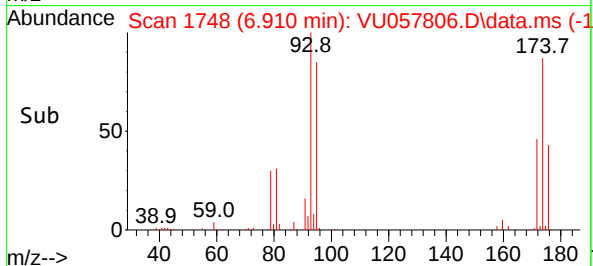
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



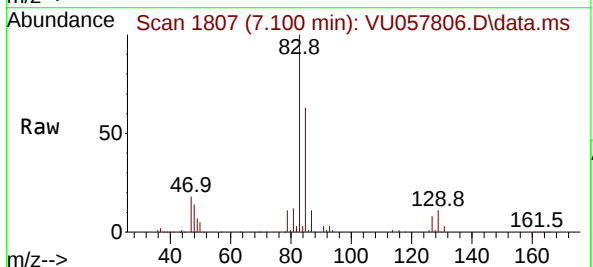
Tgt Ion: 93 Resp: 6234
Ion Ratio Lower Upper
93 100
95 84.4 67.0 100.6
174 86.8 73.8 110.6

Manual Integrations
APPROVED

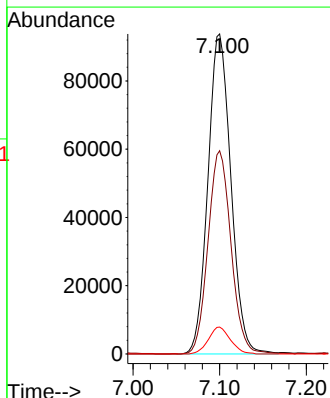
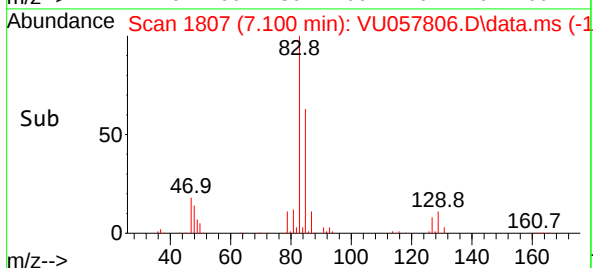
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

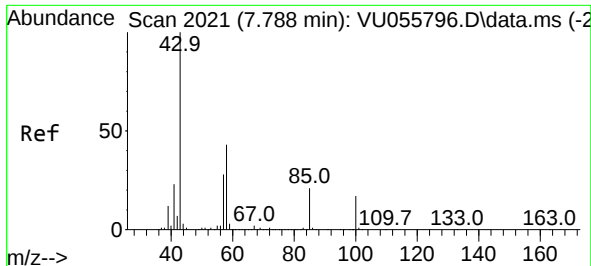


#44
Bromodichloromethane
Concen: 10.530 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



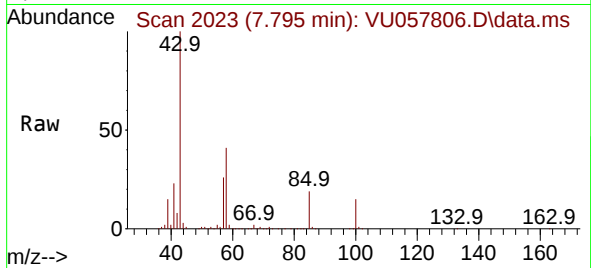
Tgt Ion: 83 Resp: 173372
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 8.4 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 46.843 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

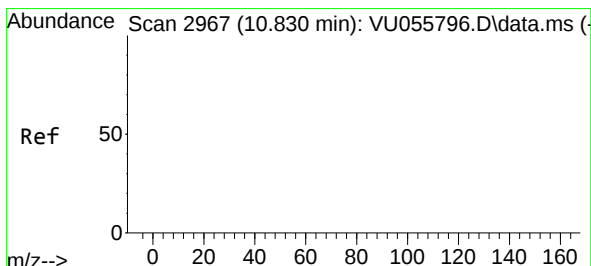
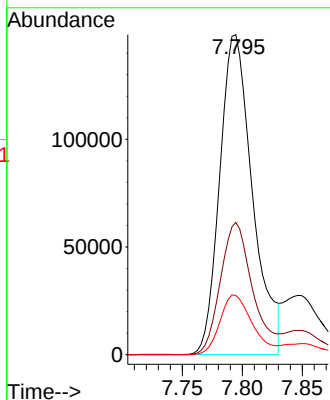
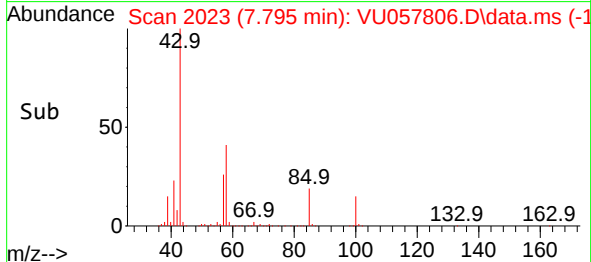
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 28274
Ion Ratio Lower Upper
43 100
58 40.8 20.9 62.8
85 18.6 14.6 21.8

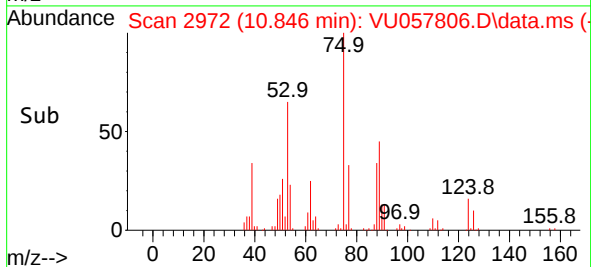
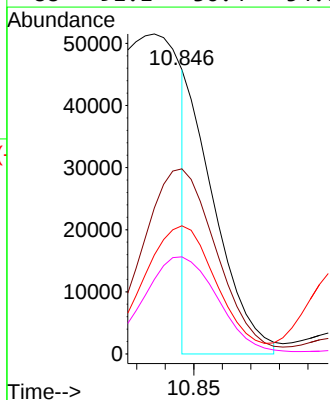
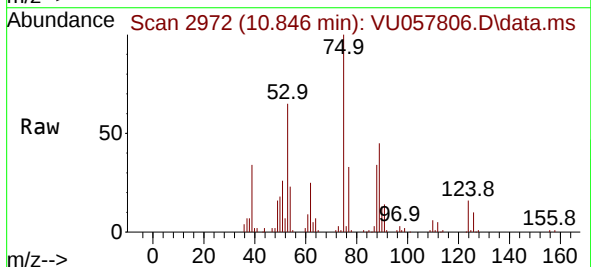
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 18.585 ug/l m
RT: 10.846 min Scan# 2972
Delta R.T. 0.010 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

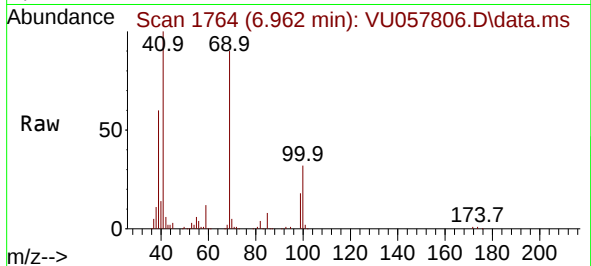
Tgt Ion: 75 Resp: 31609
Ion Ratio Lower Upper
75 100
53 172.7 73.3 109.9#
89 117.7 48.2 72.4#
88 91.1 36.4 54.6#





#47
Methyl methacrylate
Concen: 22.741 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

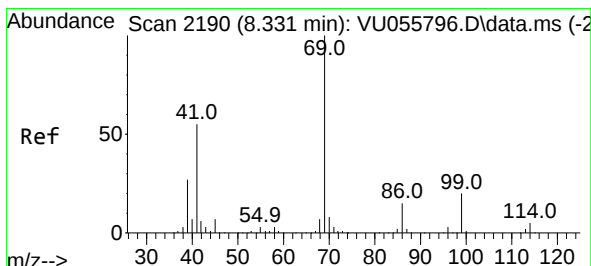
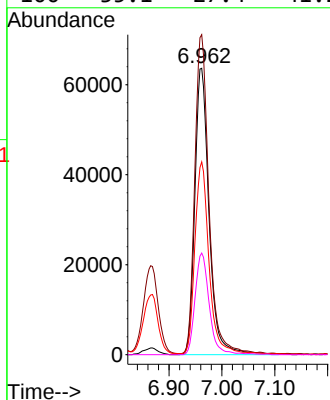
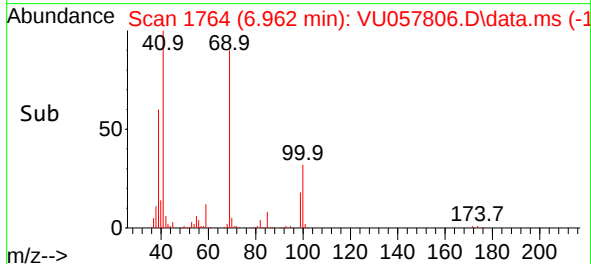
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 119019
Ion Ratio Lower Upper
69 100
41 110.1 0.0 209.2
39 66.0 46.7 70.1
100 35.1 27.4 41.2

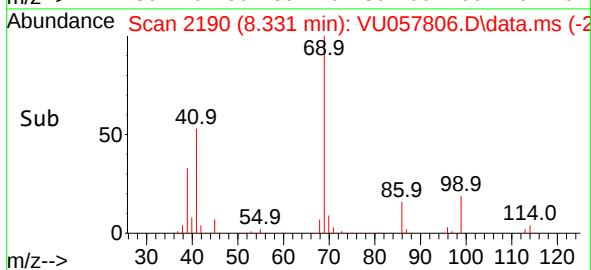
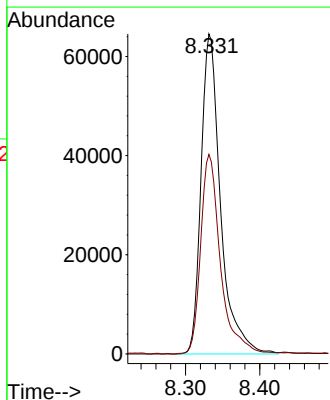
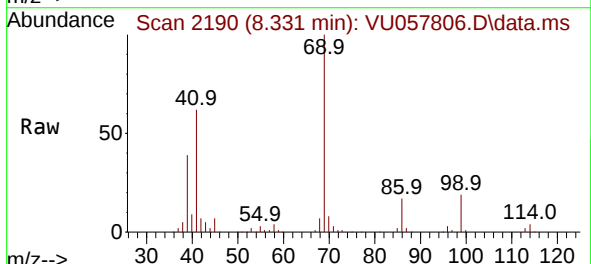
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 11.313 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion: 69 Resp: 117774
Ion Ratio Lower Upper
69 100
41 63.3 30.3 90.8





#49

Toluene

Concen: 10.541 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 92 Resp: 317259

Ion Ratio Lower Upper

92 100

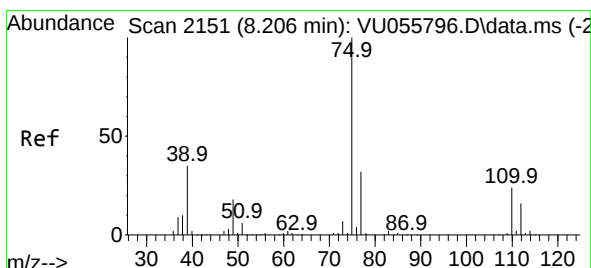
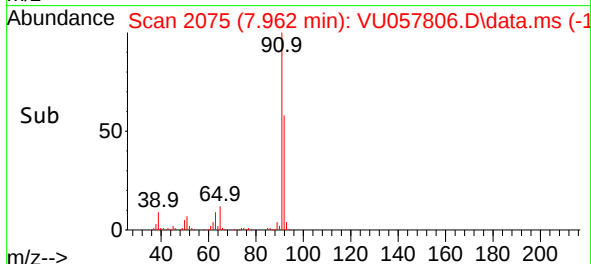
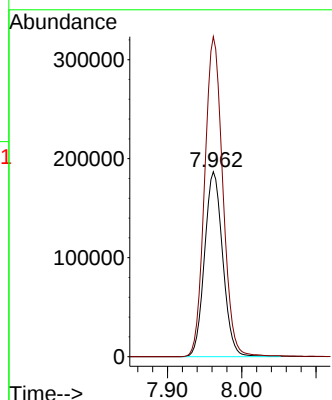
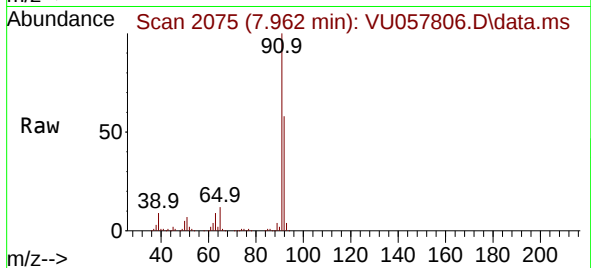
91 172.7 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 11.356 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057806.D

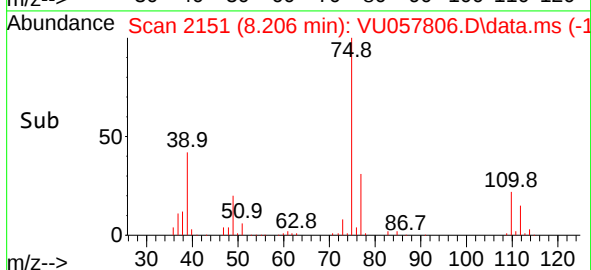
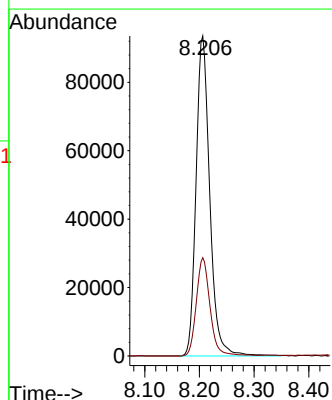
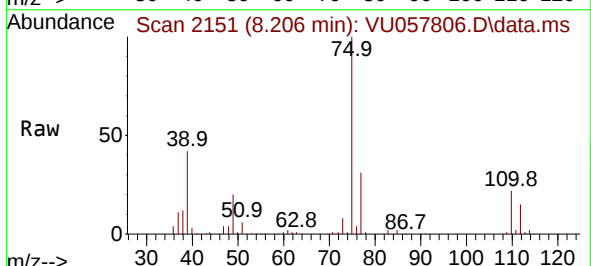
Acq: 05 Feb 2024 13:59

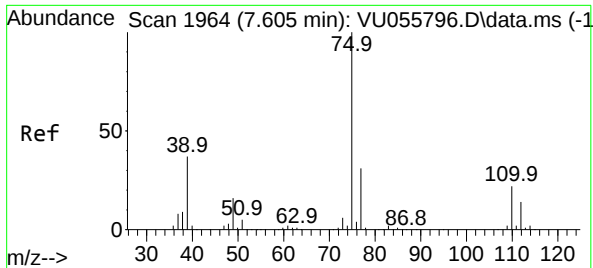
Tgt Ion: 75 Resp: 162324

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9





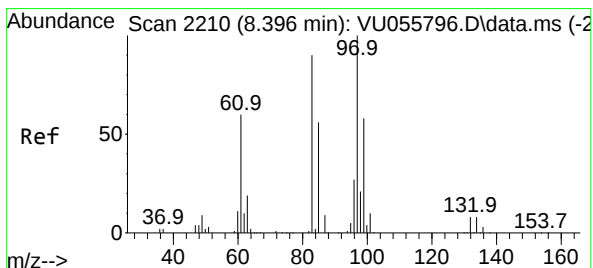
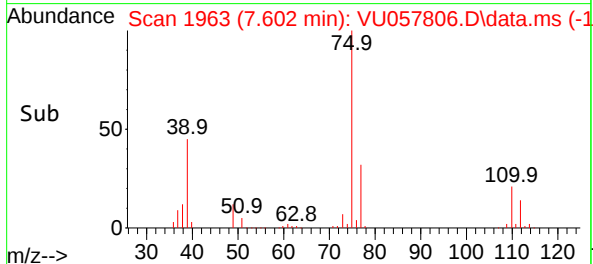
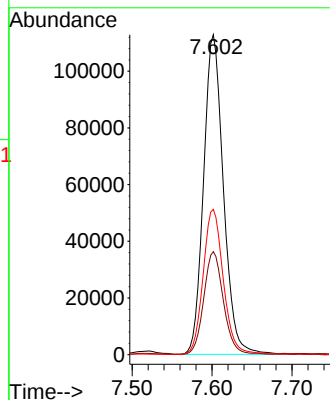
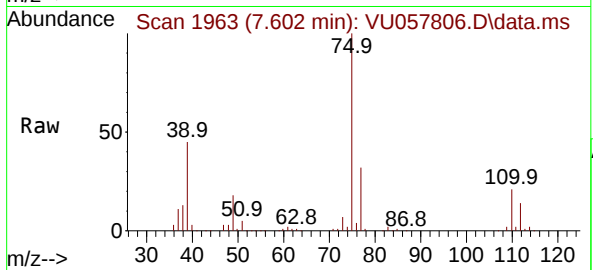
#51
 cis-1,3-Dichloropropene
 Concen: 10.812 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 19485
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 45.3 32.8 49.2

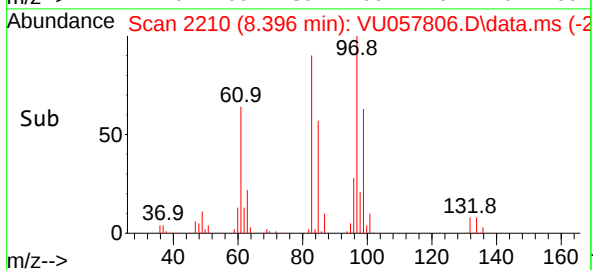
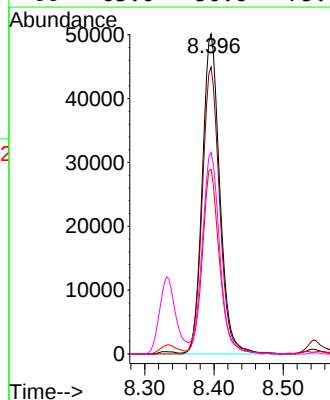
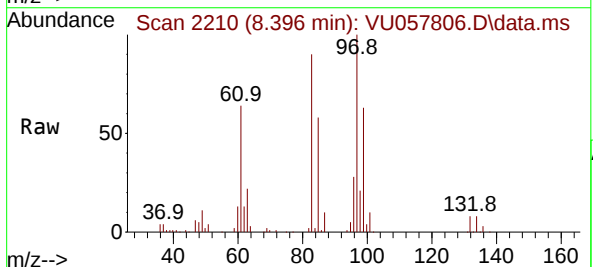
Manual Integrations
 APPROVED

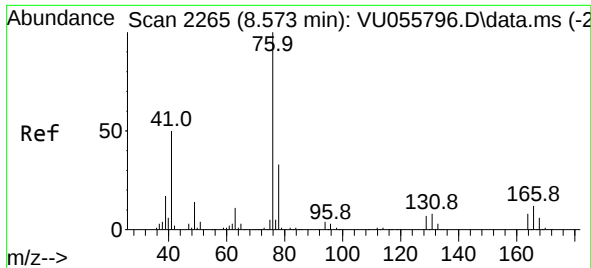
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.782 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59

Tgt Ion: 97 Resp: 87744
 Ion Ratio Lower Upper
 97 100
 83 89.7 71.8 107.8
 85 57.7 45.2 67.8
 99 63.0 50.6 75.8





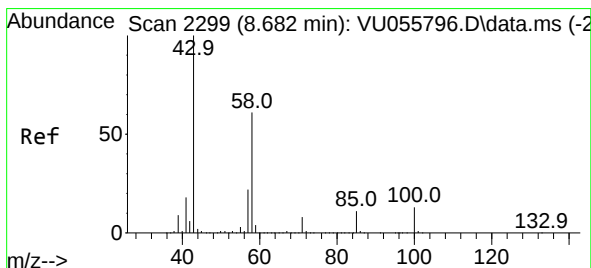
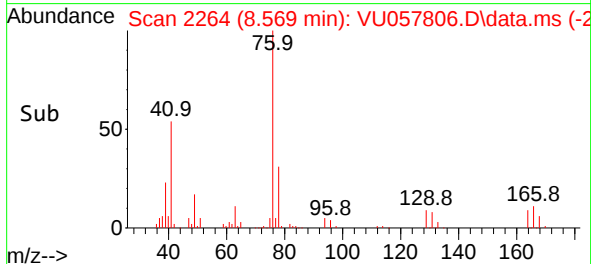
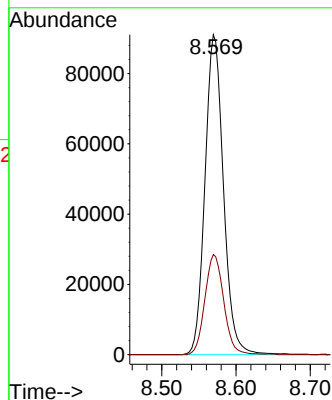
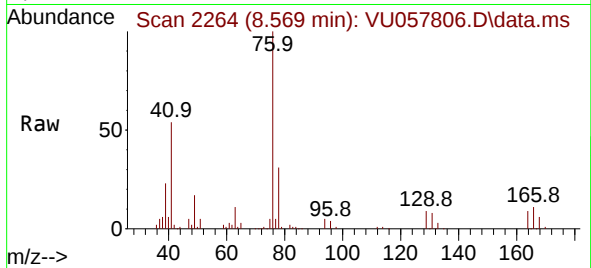
#53
1,3-Dichloropropane
Concen: 10.709 ug/l
RT: 8.569 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 157100
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9

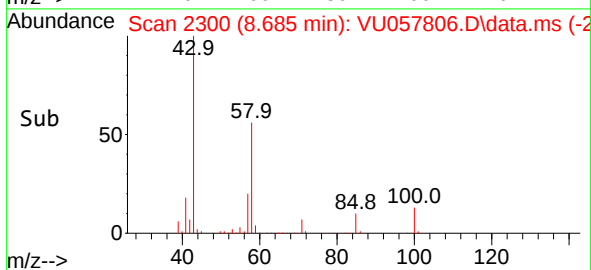
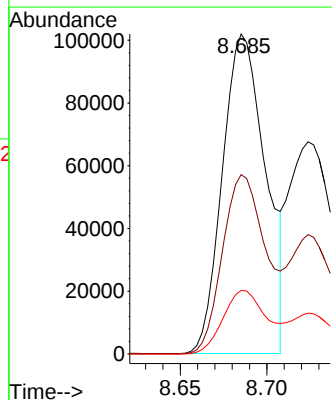
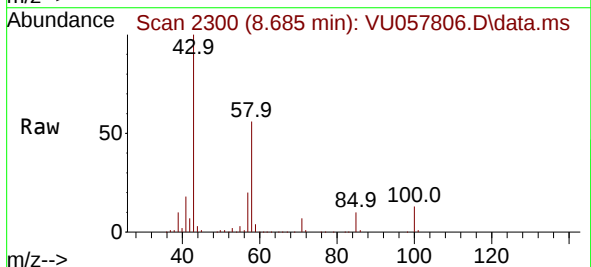
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 30.973 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

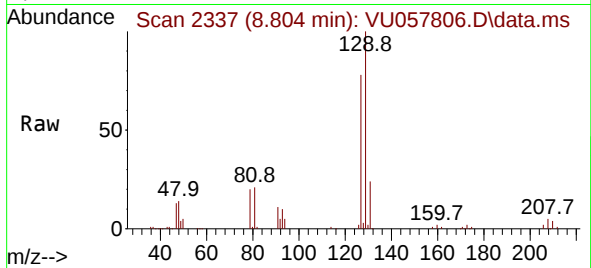
Tgt Ion: 43 Resp: 176850
Ion Ratio Lower Upper
43 100
58 56.6 38.2 78.2
57 20.0 0.0 39.1





#55
Dibromochloromethane
Concen: 10.669 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

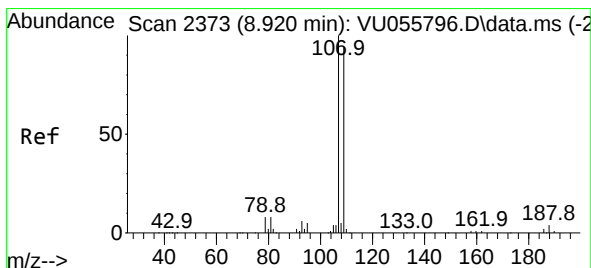
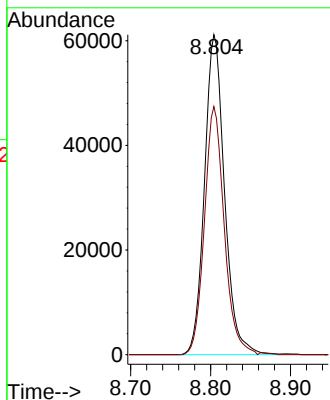
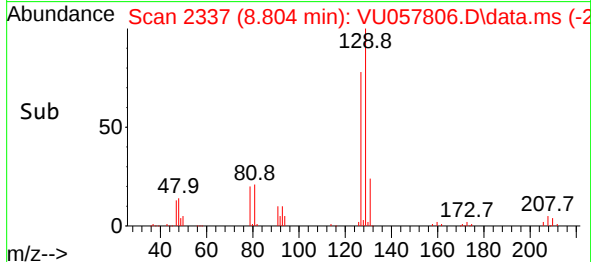
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



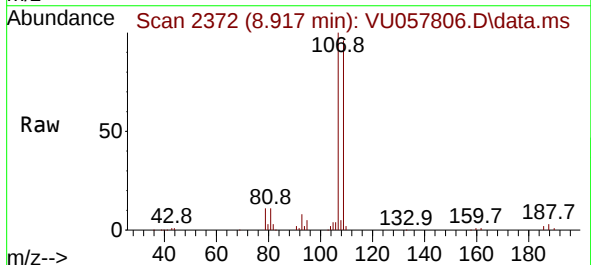
Tgt Ion:129 Resp: 10688
Ion Ratio Lower Upper
129 100
127 76.4 61.4 92.0

Manual Integrations
APPROVED

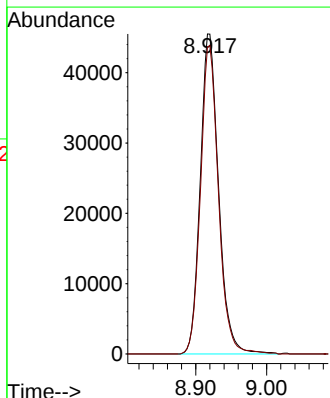
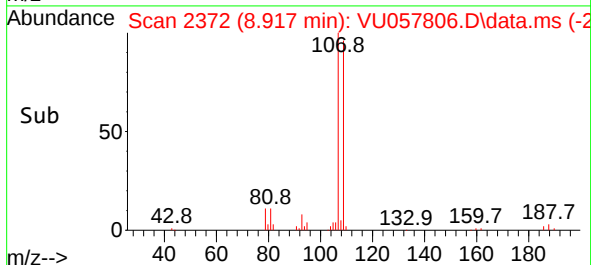
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

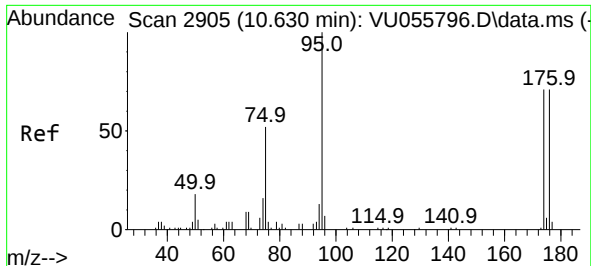


#56
1,2-Dibromoethane
Concen: 10.937 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



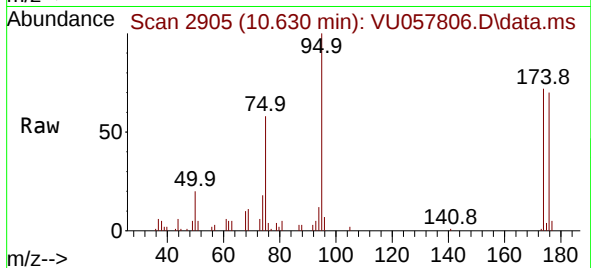
Tgt Ion:107 Resp: 81694
Ion Ratio Lower Upper
107 100
109 94.8 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

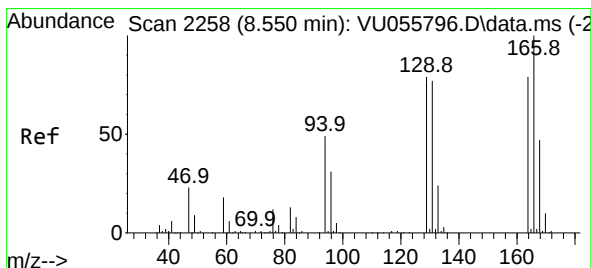
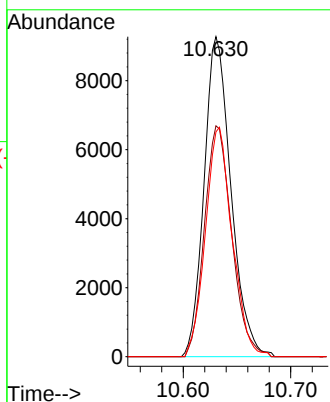
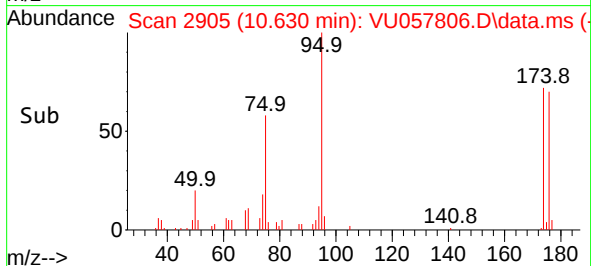
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 16159
Ion Ratio Lower Upper
95 100
174 73.0 63.3 94.9
176 71.1 59.3 88.9

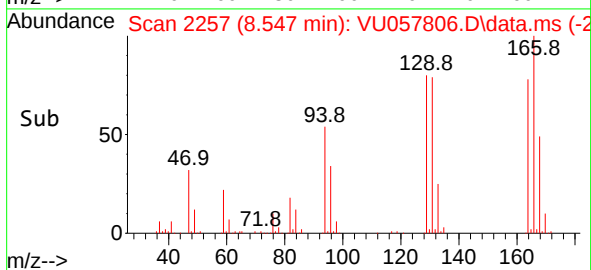
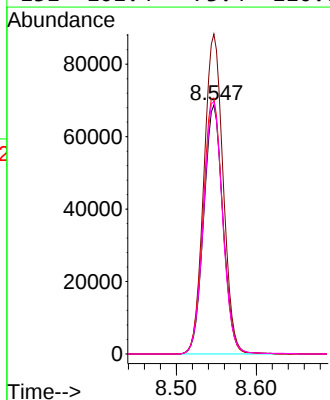
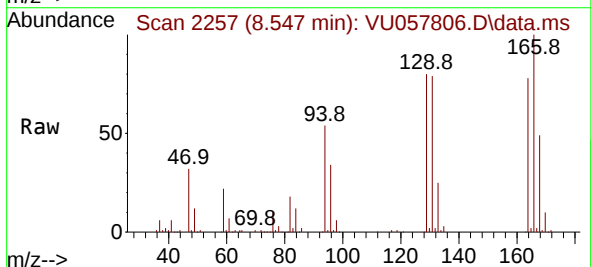
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 9.980 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:164 Resp: 114678
Ion Ratio Lower Upper
164 100
166 128.5 99.6 149.4
129 102.8 78.6 117.8
131 101.4 73.4 110.0





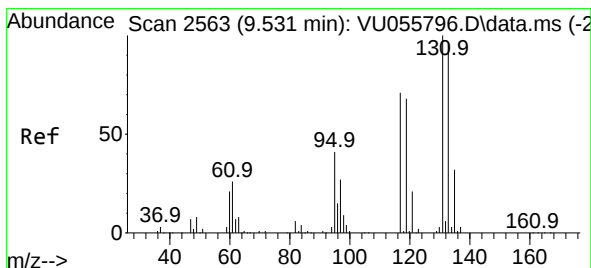
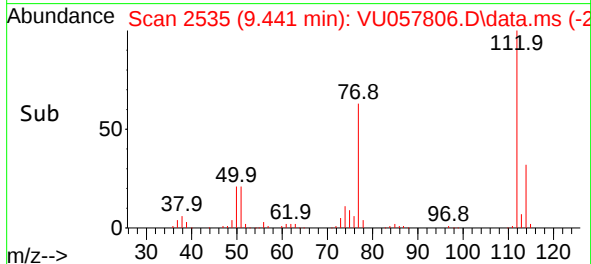
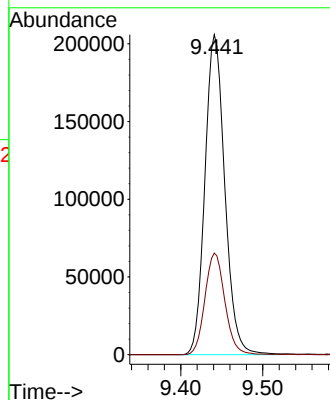
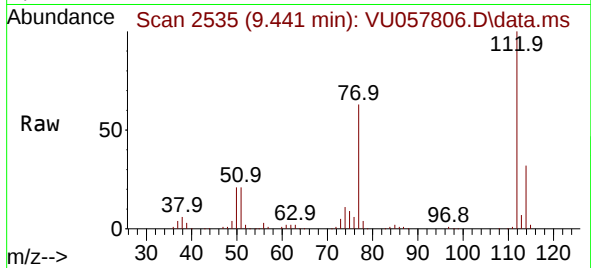
#59
Chlorobenzene
Concen: 10.488 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 347110
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

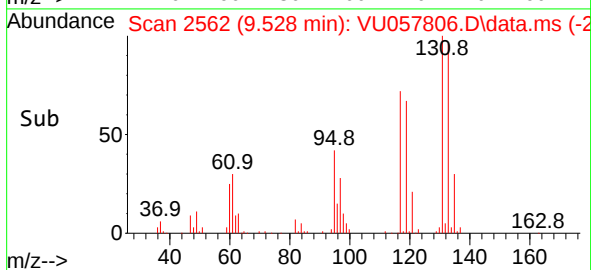
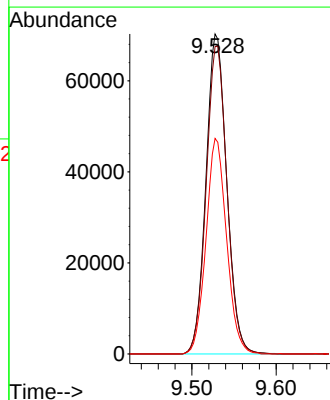
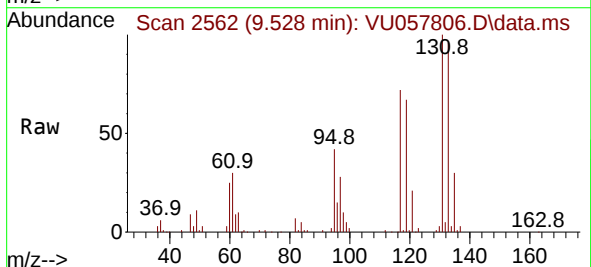
Manual Integrations
APPROVED

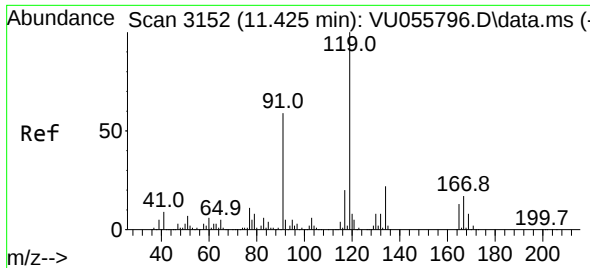
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.709 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:131 Resp: 120730
Ion Ratio Lower Upper
131 100
133 96.5 77.8 116.6
119 66.6 55.2 82.8





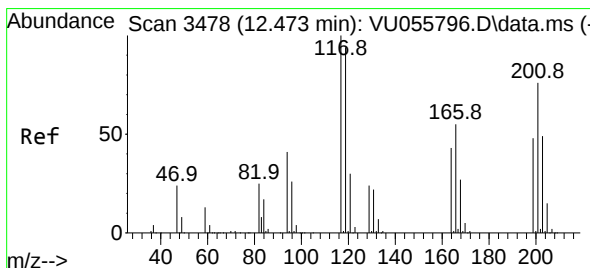
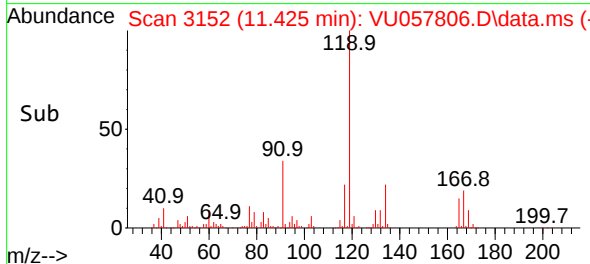
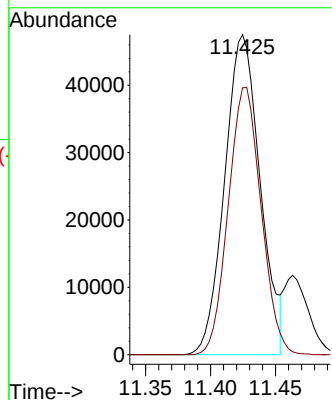
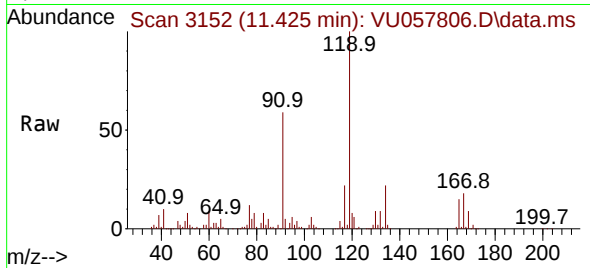
#61
Pentachloroethane
Concen: 11.157 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 90402
Ion Ratio Lower Upper
117 100
167 77.2 56.7 85.1

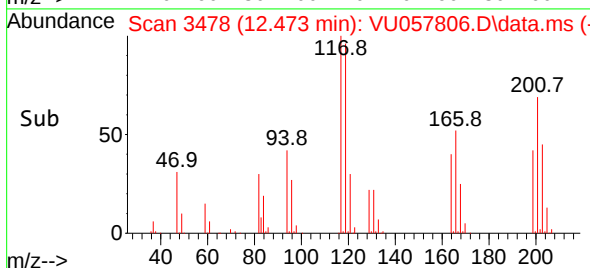
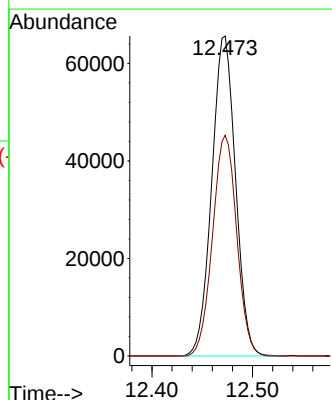
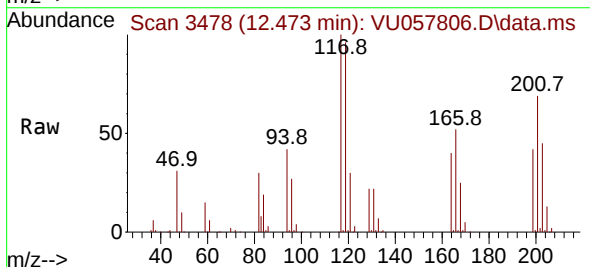
Manual Integrations
APPROVED

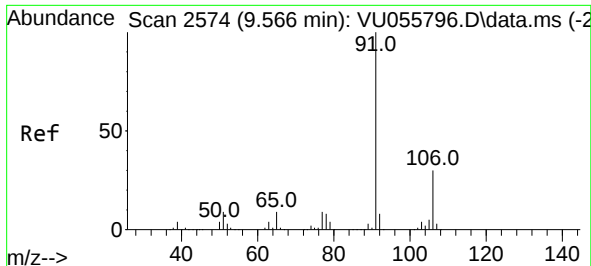
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 12.044 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

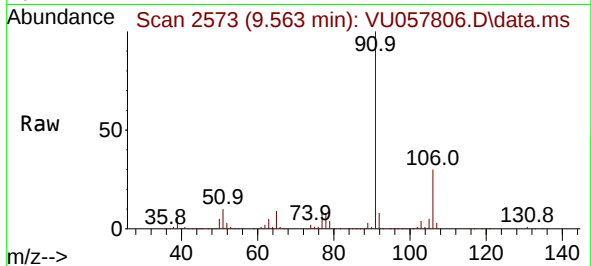
Tgt Ion:117 Resp: 107805
Ion Ratio Lower Upper
117 100
201 70.1 59.6 89.4





#63
Ethyl Benzene
Concen: 10.662 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

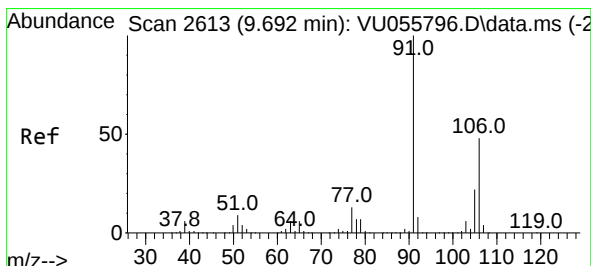
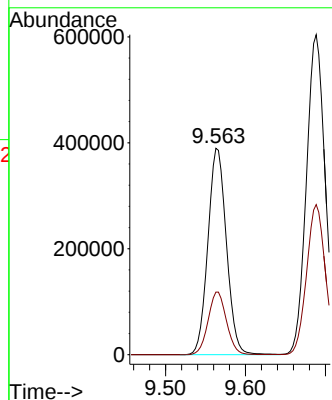
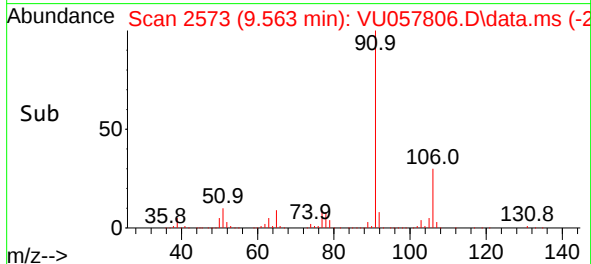
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



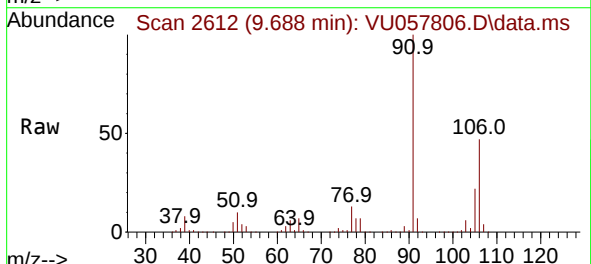
Tgt Ion: 91 Resp: 62812
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

Manual Integrations
APPROVED

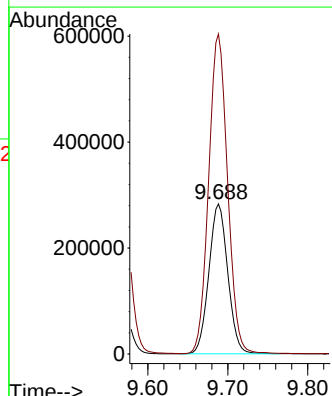
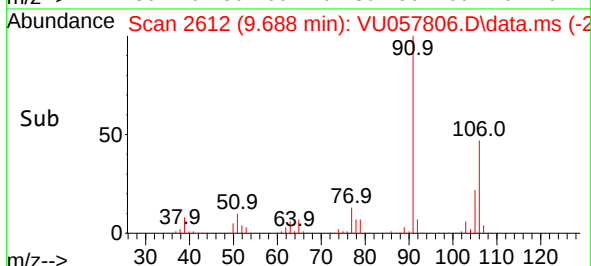
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

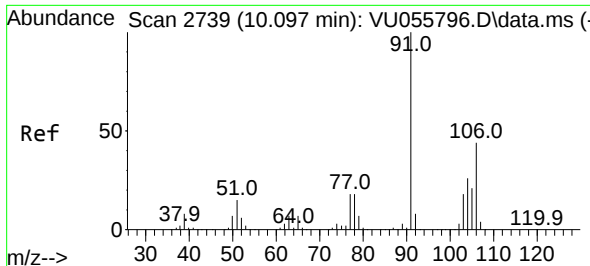


#64
m/p-Xylenes
Concen: 21.788 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion:106 Resp: 465743
Ion Ratio Lower Upper
106 100
91 213.6 167.3 250.9





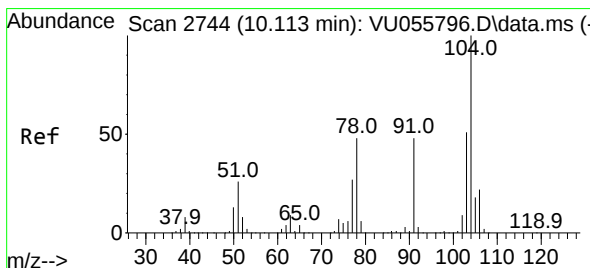
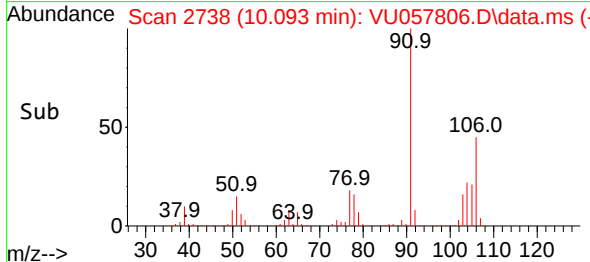
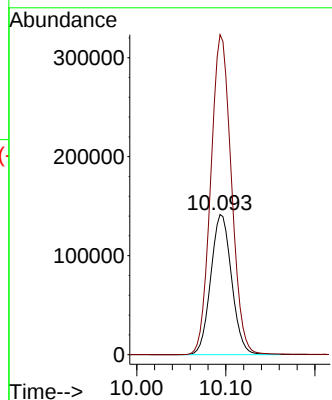
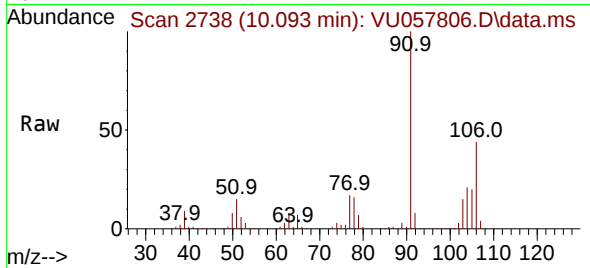
#65
o-Xylene
Concen: 10.867 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 229850
Ion Ratio Lower Upper
106 100
91 226.6 109.3 327.9

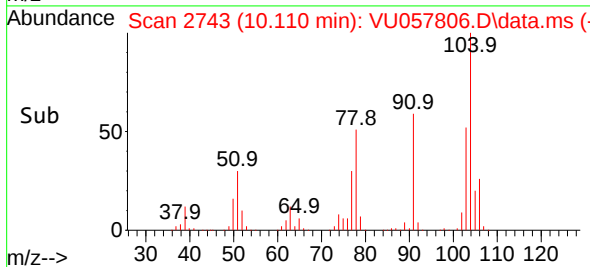
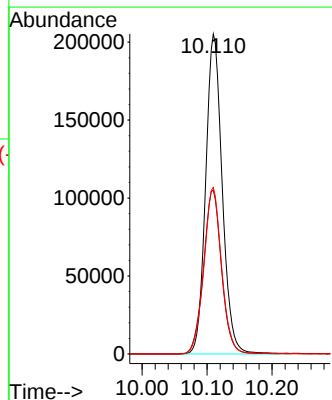
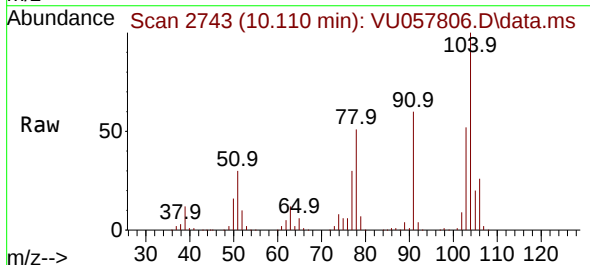
Manual Integrations
APPROVED

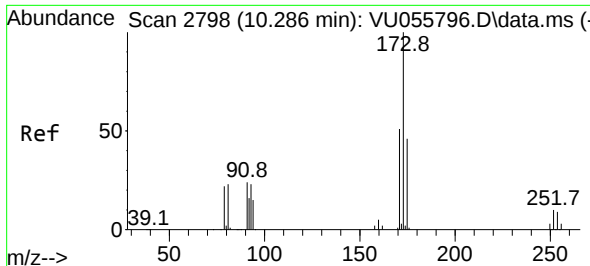
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 11.529 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

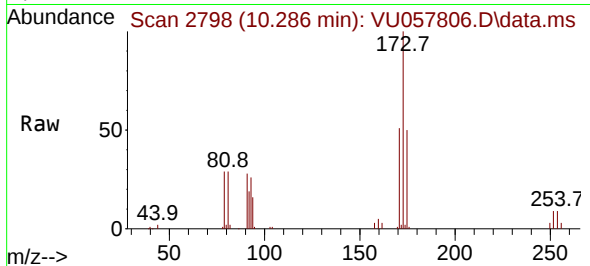
Tgt Ion:104 Resp: 364573
Ion Ratio Lower Upper
104 100
78 55.7 39.7 59.5
103 55.7 44.8 67.2





#67
Bromoform
Concen: 10.844 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

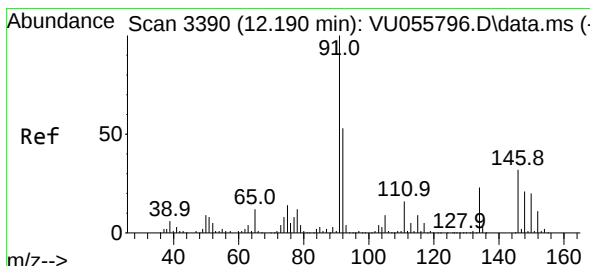
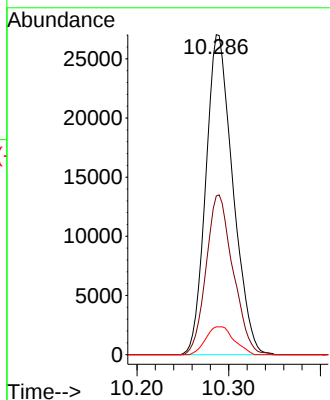
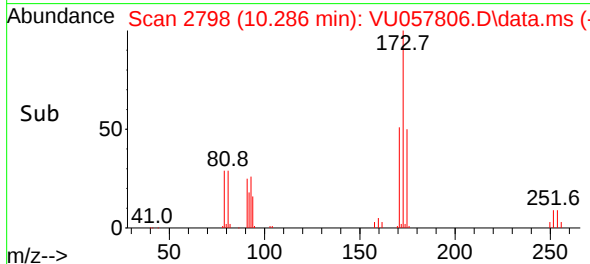
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



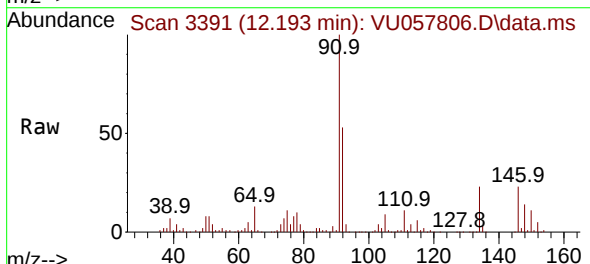
Tgt Ion:173 Resp: 5528
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
254 9.1 7.4 11.0

Manual Integrations
APPROVED

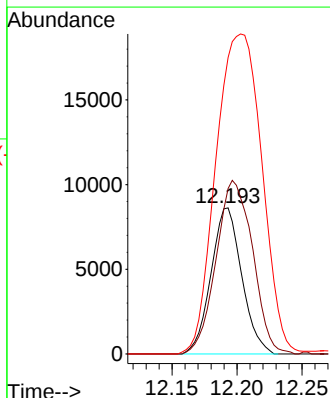
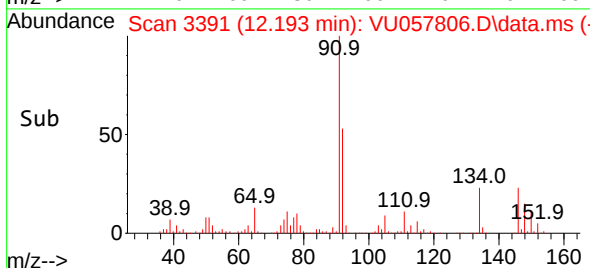
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

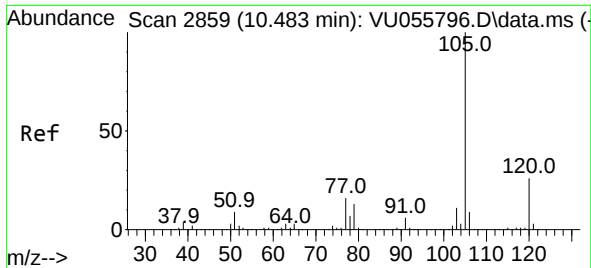


#68
1,2-Dichlorobenzene-d4
Concen: 0.967 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion:152 Resp: 14201
Ion Ratio Lower Upper
152 100
115 140.9 0.0 308.8
150 328.2 0.0 635.0





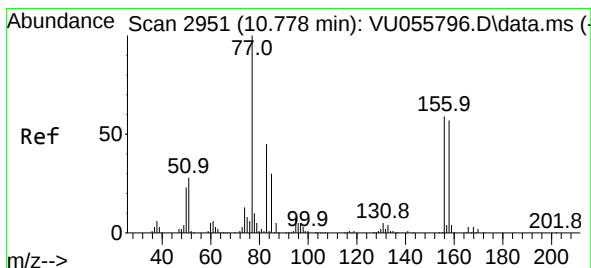
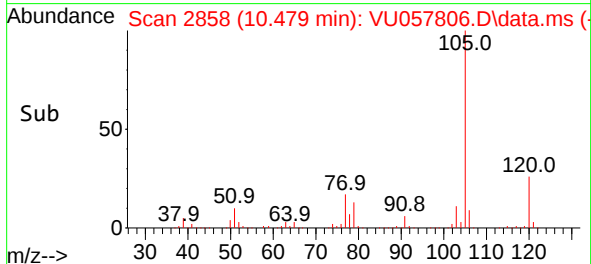
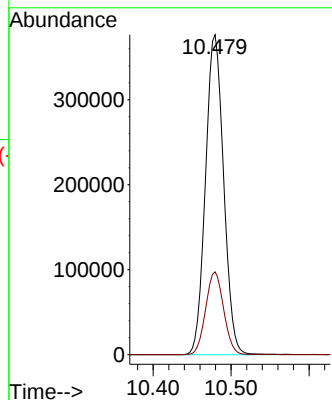
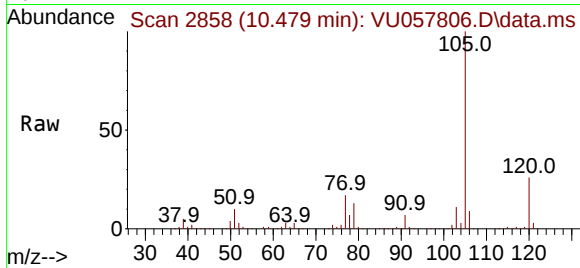
#69
Isopropylbenzene
Concen: 10.989 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 608833
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

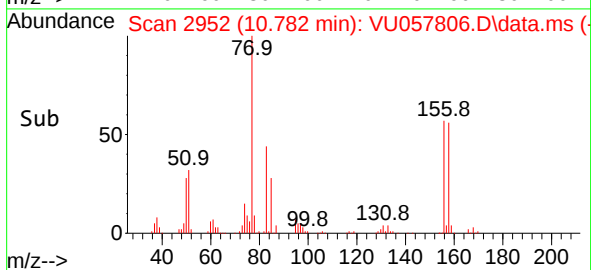
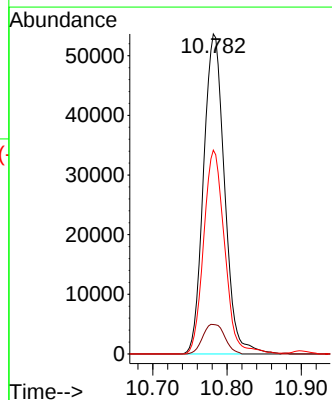
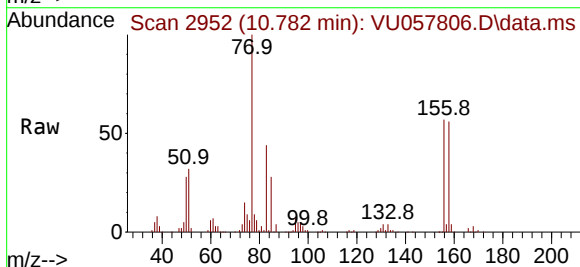
Manual Integrations
APPROVED

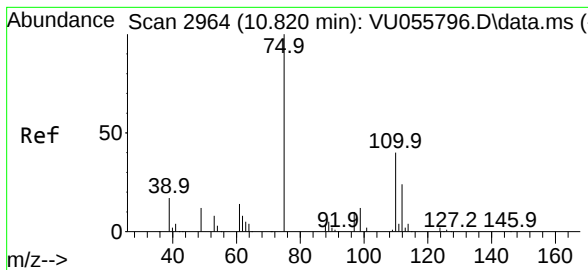
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 10.461 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion: 83 Resp: 105351
Ion Ratio Lower Upper
83 100
131 9.7 7.2 10.8
85 63.7 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 11.599 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.003 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

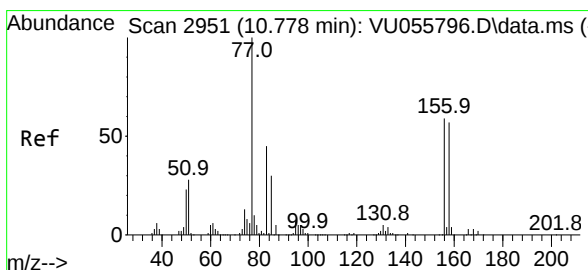
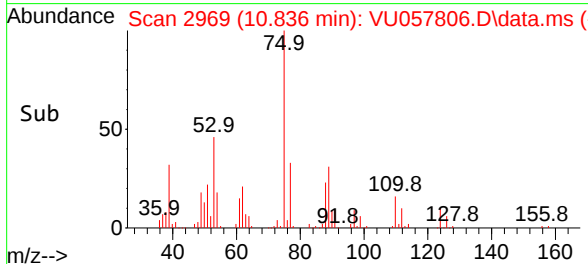
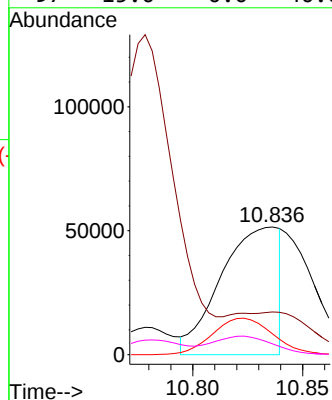
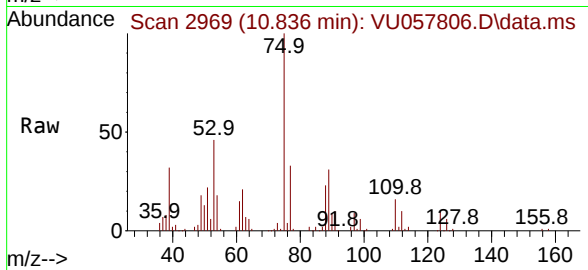
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 95729

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	29.6	0.0	74.6
97	15.0	0.0	40.0

Manual Integrations
APPROVED

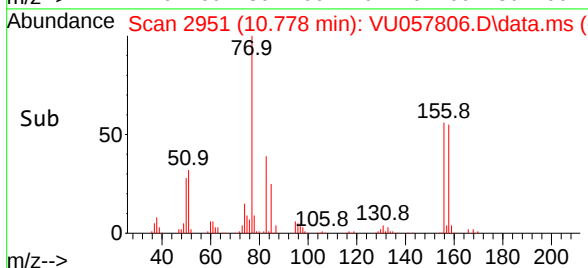
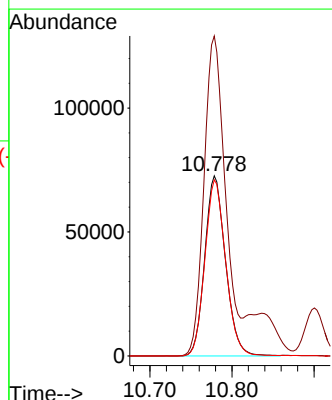
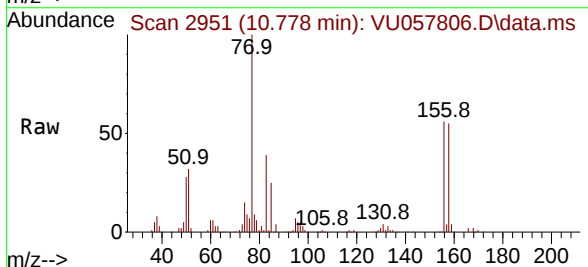
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

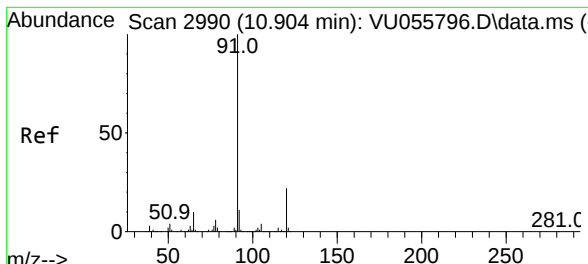


#72
Bromobenzene
Concen: 10.580 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:156 Resp: 128128

Ion	Ratio	Lower	Upper
156	100		
77	182.4	0.0	343.0
158	98.0	0.0	194.8





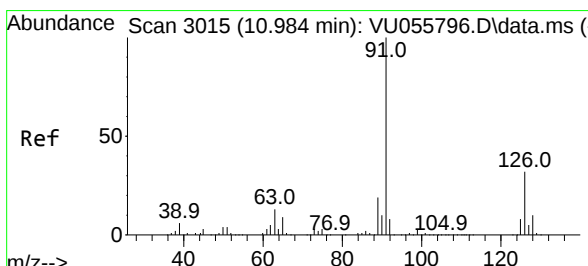
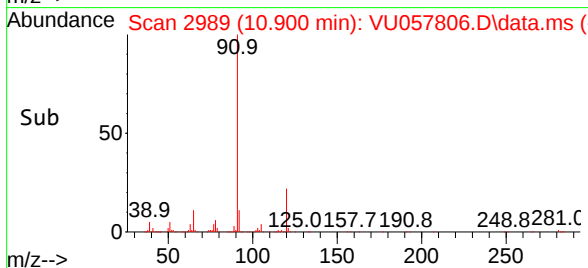
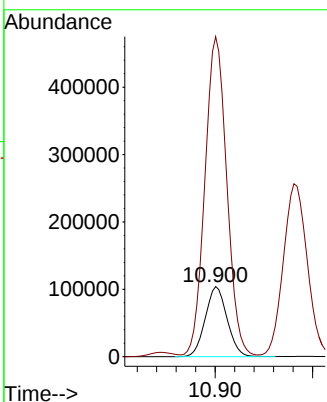
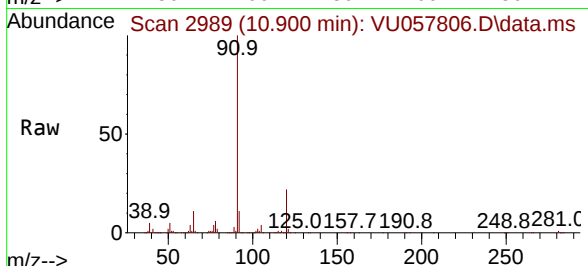
#73
n-propylbenzene
Concen: 11.564 ug/l
RT: 10.900 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 161730
Ion Ratio Lower Upper
120 100
91 453.3 369.8 554.6

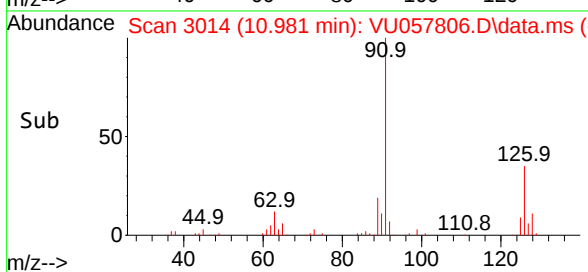
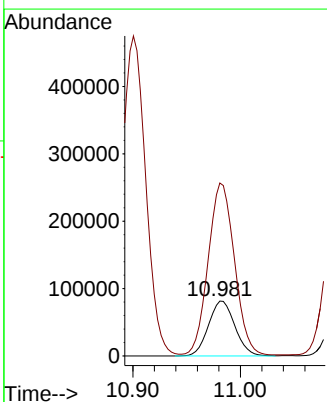
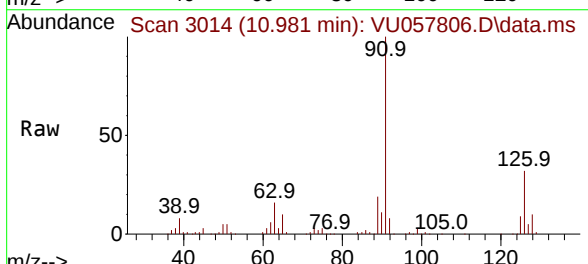
Manual Integrations
APPROVED

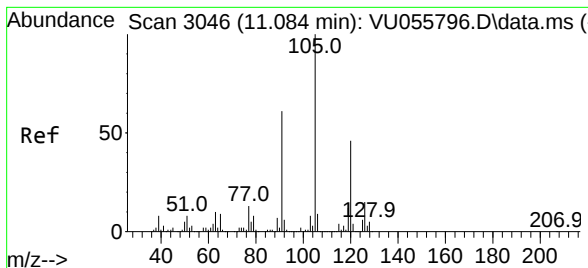
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 10.825 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Tgt Ion:126 Resp: 139140
Ion Ratio Lower Upper
126 100
91 309.7 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 11.017 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057806.D

Acq: 05 Feb 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 525400

Ion Ratio Lower Upper

105 100

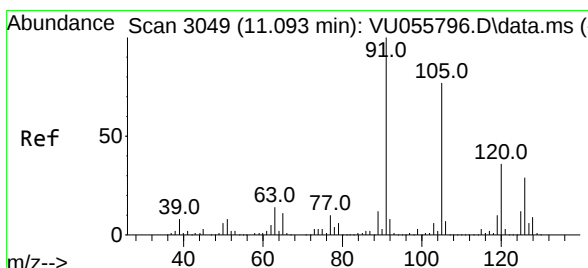
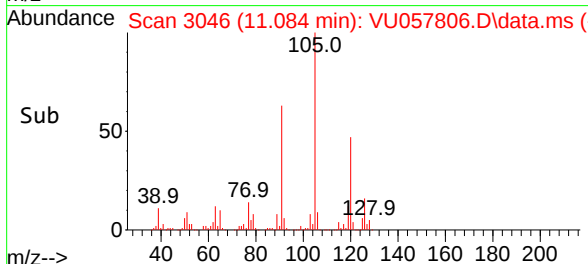
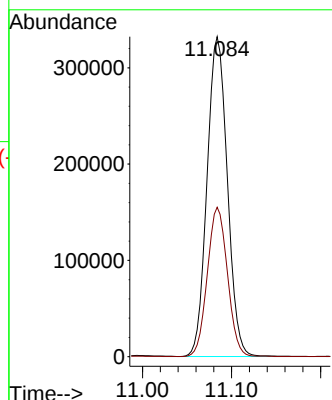
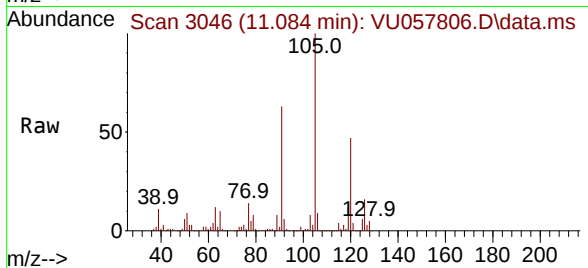
120 46.3 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#76

4-Chlorotoluene

Concen: 10.981 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU057806.D

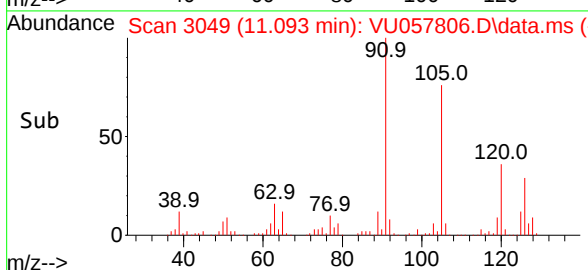
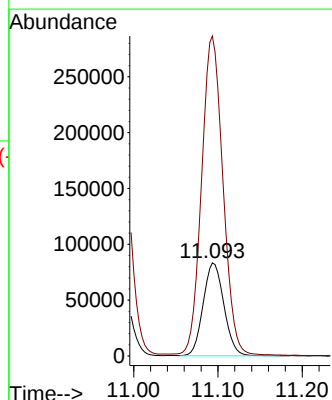
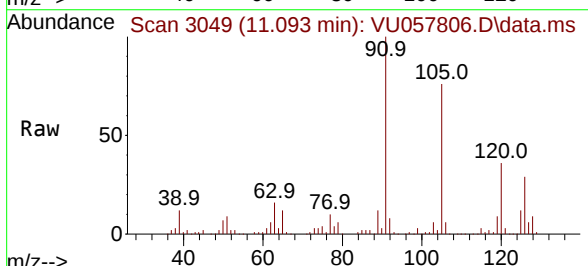
Acq: 05 Feb 2024 13:59

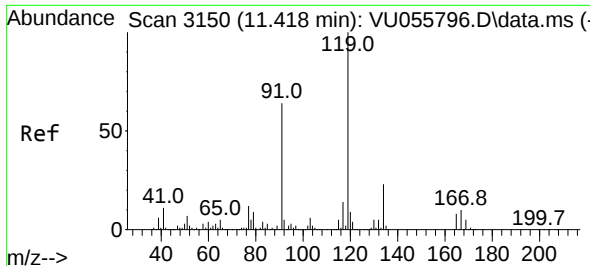
Tgt Ion:126 Resp: 142251

Ion Ratio Lower Upper

126 100

91 356.1 0.0 686.2





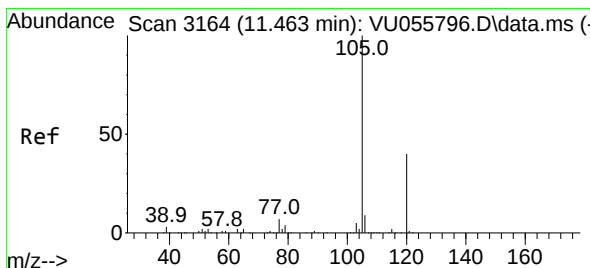
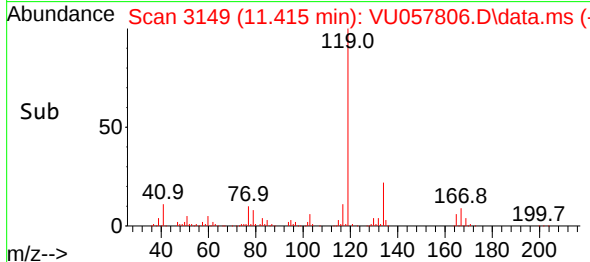
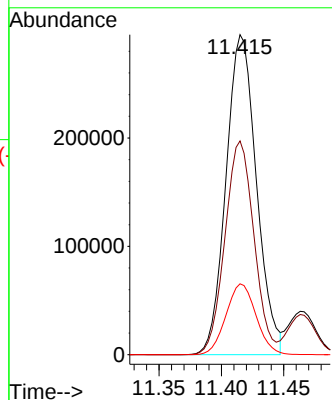
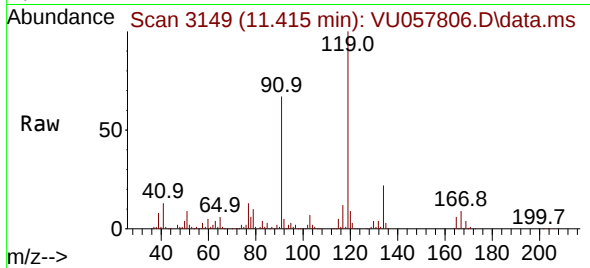
#77
tert-Butylbenzene
Concen: 11.227 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 50319
Ion Ratio Lower Upper
119 100
91 63.7 30.8 92.4
134 21.9 18.0 27.0

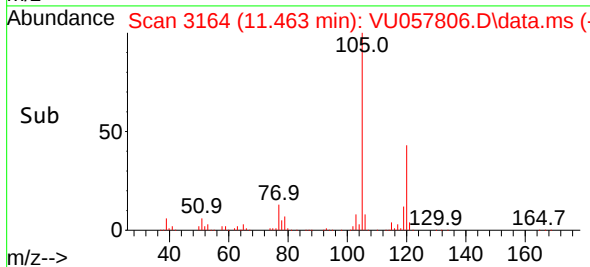
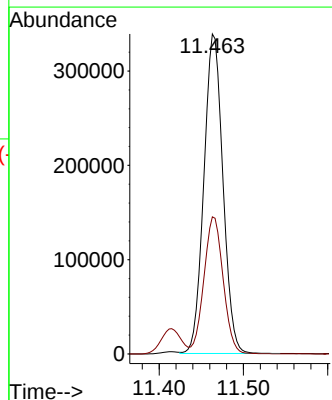
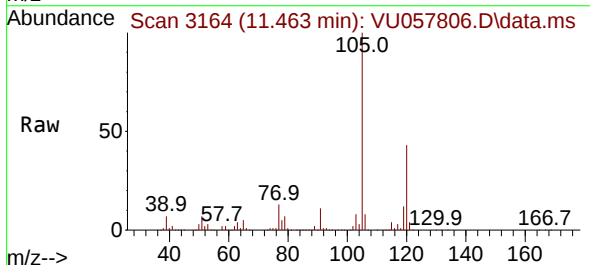
Manual Integrations
APPROVED

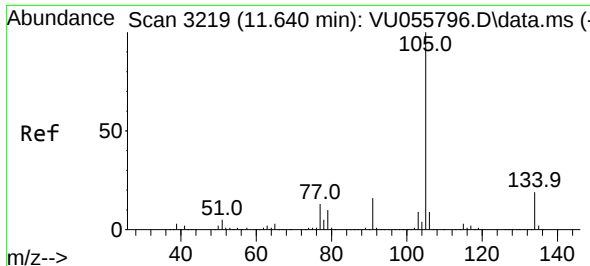
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 11.034 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

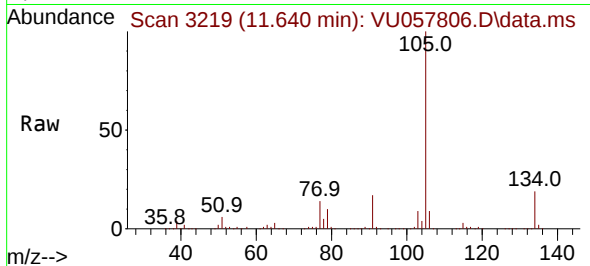
Tgt Ion:105 Resp: 533448
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 11.469 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59

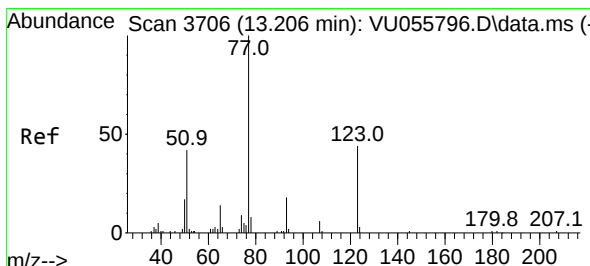
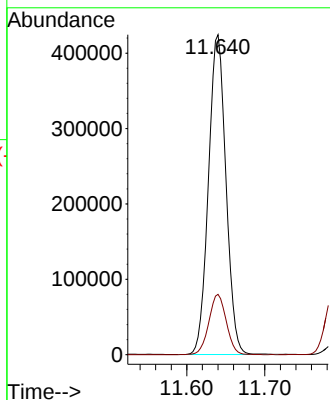
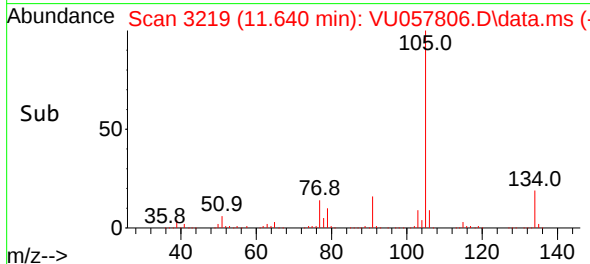
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



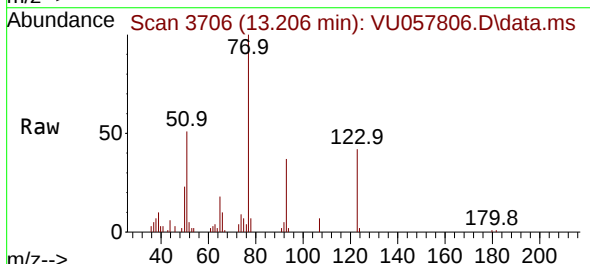
Tgt Ion:105 Resp: 66272
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

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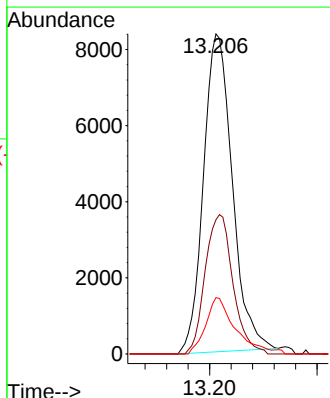
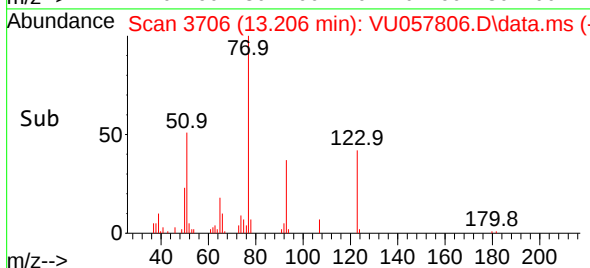
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

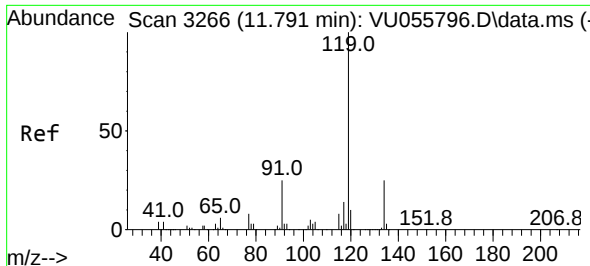


#80
 Nitrobenzene
 Concen: 74.299 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU057806.D
 Acq: 05 Feb 2024 13:59



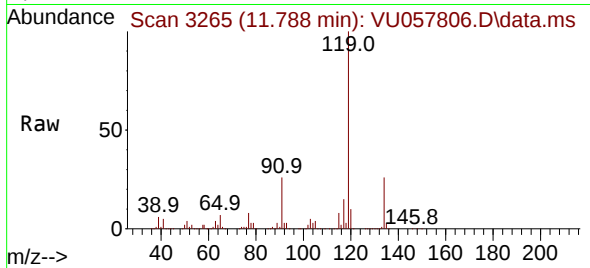
Tgt Ion: 77 Resp: 15566
 Ion Ratio Lower Upper
 77 100
 123 42.2 19.7 69.7
 65 18.3 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 11.359 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

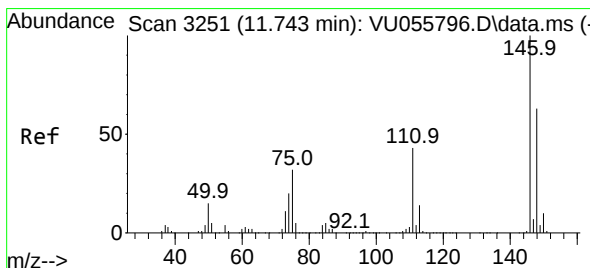
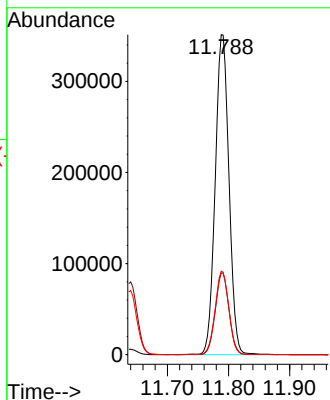
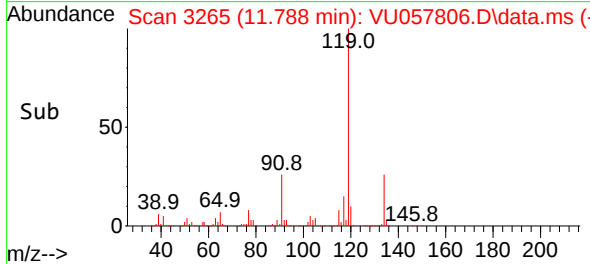
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



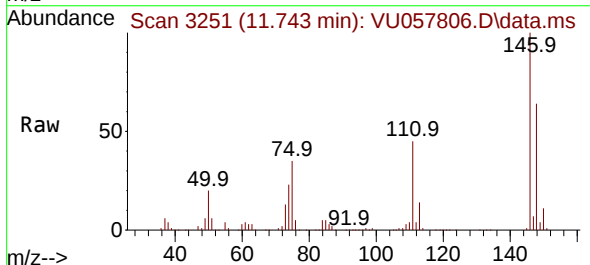
Tgt Ion:119 Resp: 548524
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.4
91 25.8 19.3 28.9

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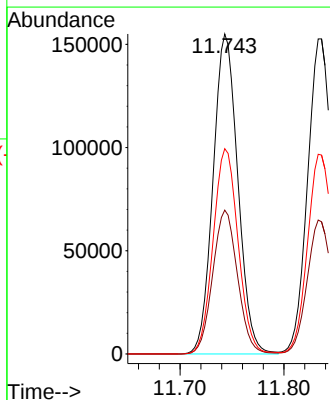
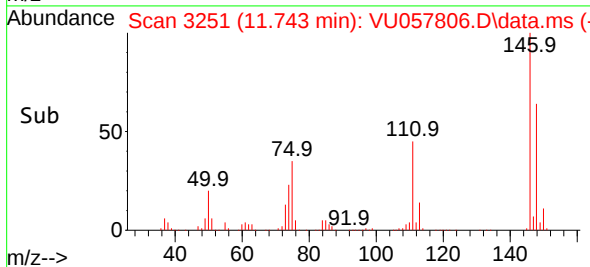
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

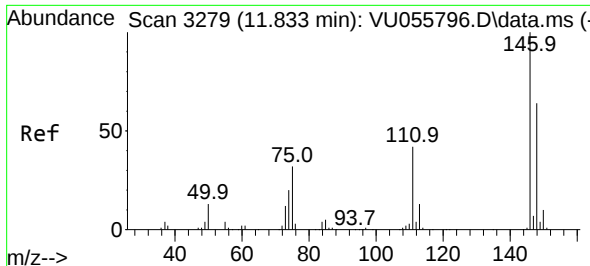


#82
1,3-Dichlorobenzene
Concen: 10.464 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



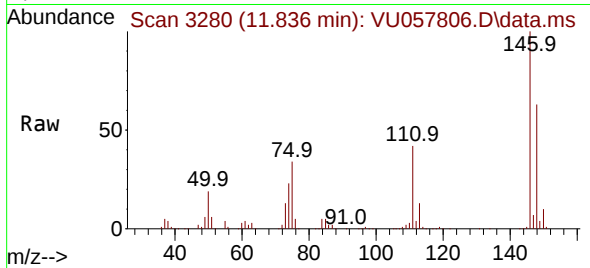
Tgt Ion:146 Resp: 256756
Ion Ratio Lower Upper
146 100
111 45.1 32.6 49.0
148 64.8 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.646 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

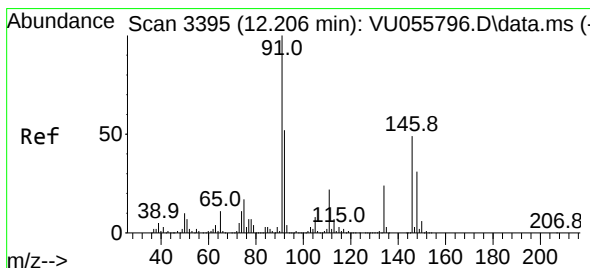
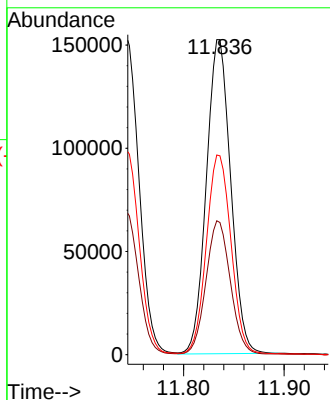
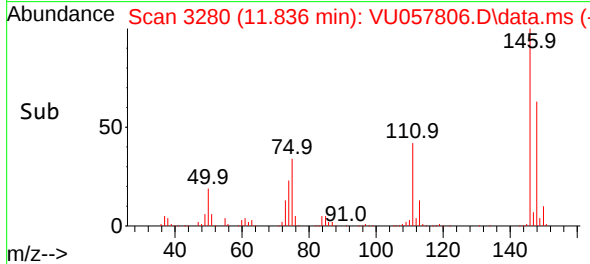
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



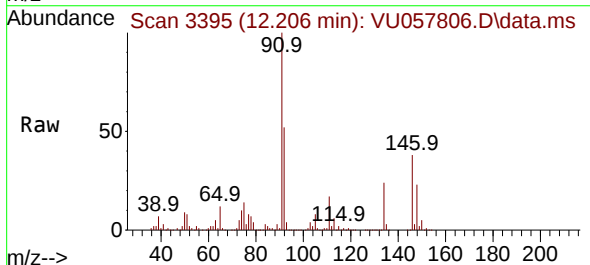
Tgt Ion:146 Resp: 25593
Ion Ratio Lower Upper
146 100
111 42.6 31.6 47.4
148 65.3 50.3 75.5

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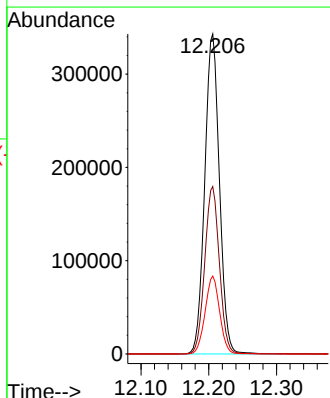
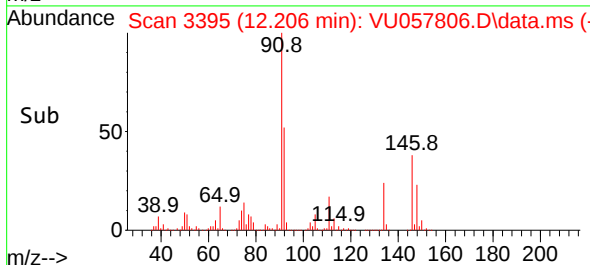
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

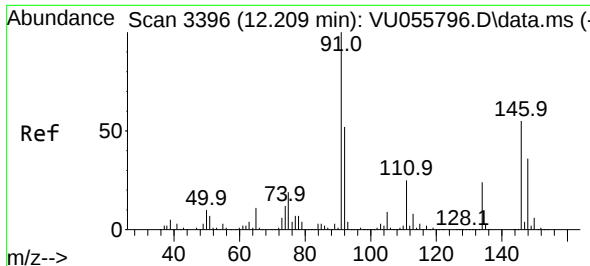


#84
n-Butylbenzene
Concen: 11.256 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



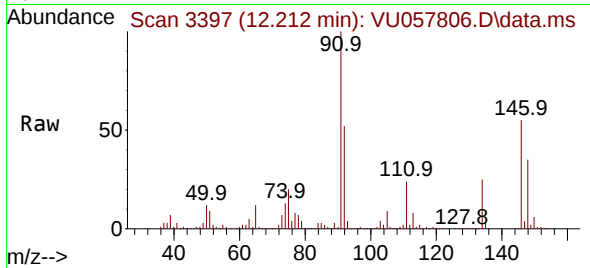
Tgt Ion: 91 Resp: 516288
Ion Ratio Lower Upper
91 100
92 52.2 40.8 61.2
134 24.1 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 10.704 ug/l
RT: 12.212 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

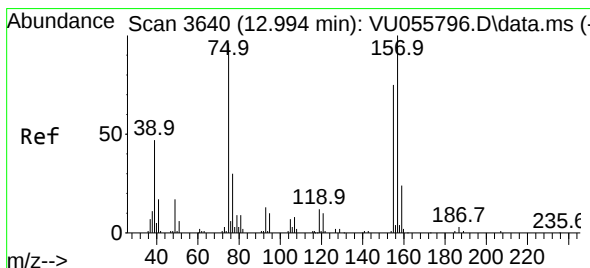
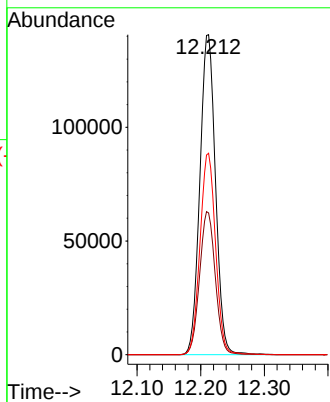
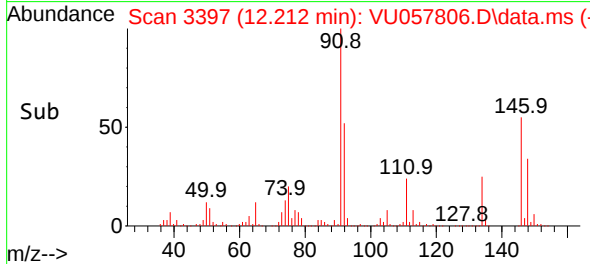
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 239890
Ion Ratio Lower Upper
146 100
111 45.1 21.6 64.6
148 62.7 32.1 96.5

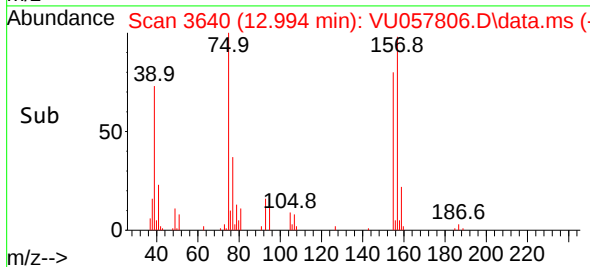
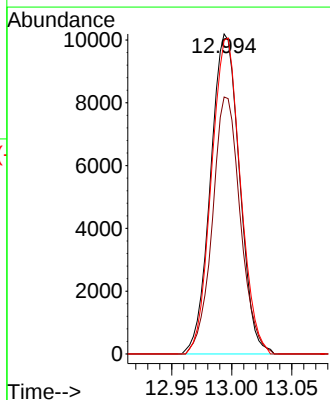
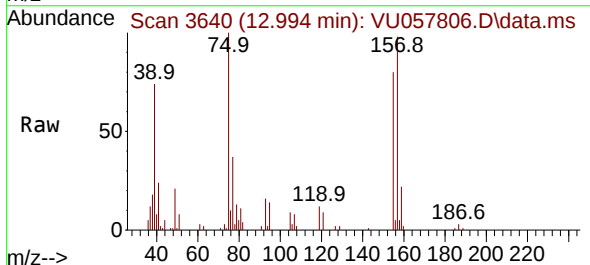
Manual Integrations
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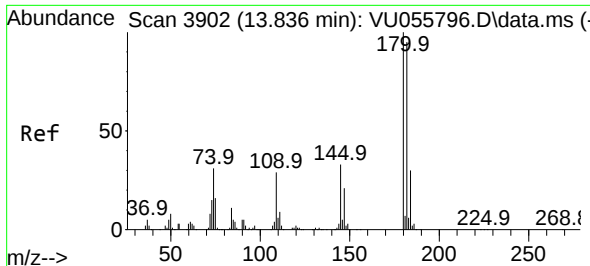
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 12.170 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

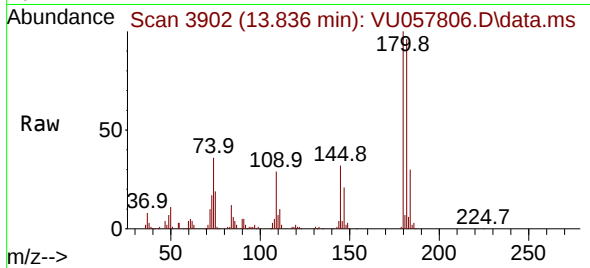
Tgt Ion: 75 Resp: 17104
Ion Ratio Lower Upper
75 100
155 77.3 61.8 92.8
157 98.3 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 11.086 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

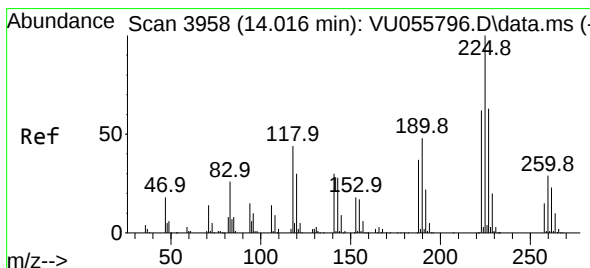
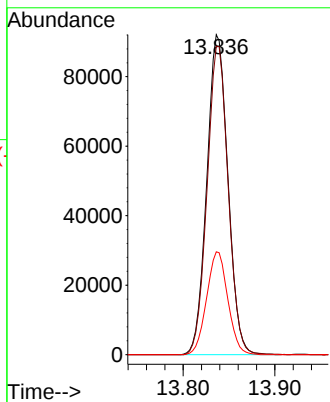
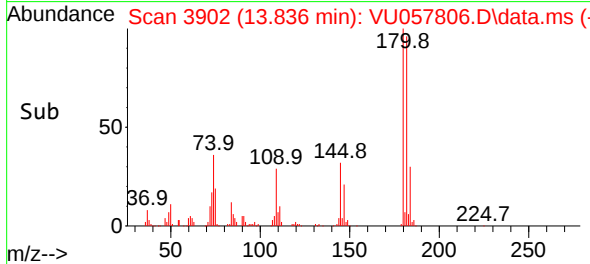
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 147598
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 32.2 23.9 35.9

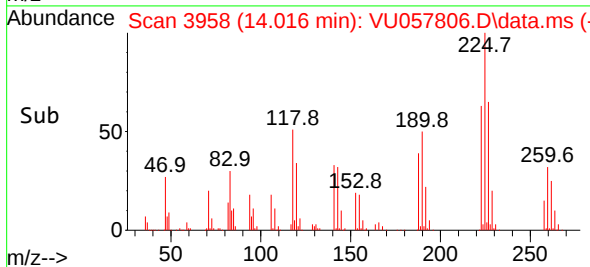
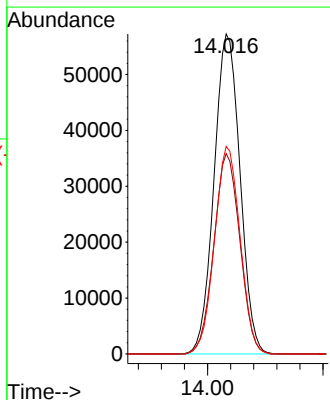
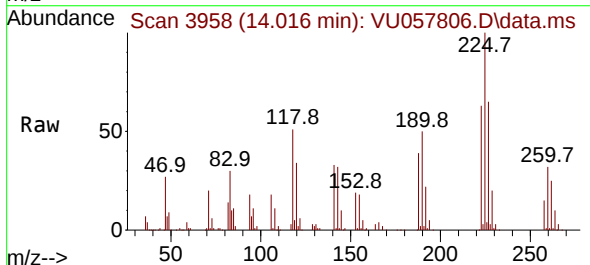
Manual Integrations
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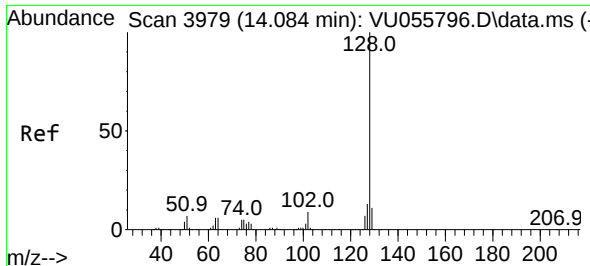
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 10.451 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

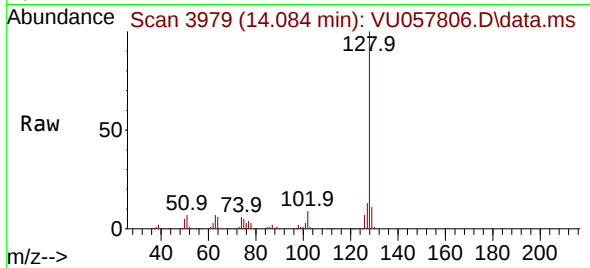
Tgt Ion:225 Resp: 89487
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.4
227 63.9 51.5 77.3





#89
Naphthalene
Concen: 12.374 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59

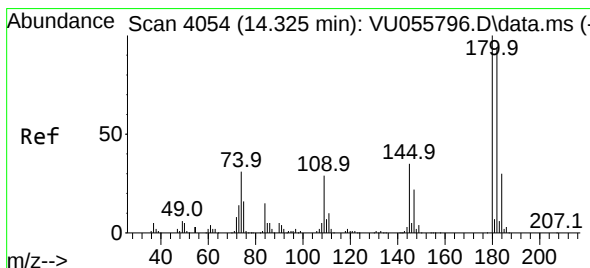
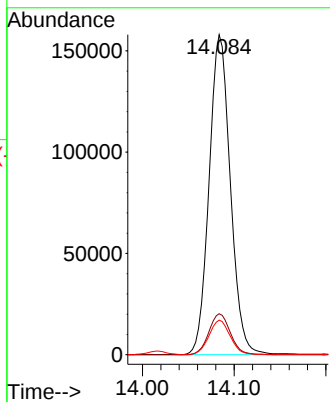
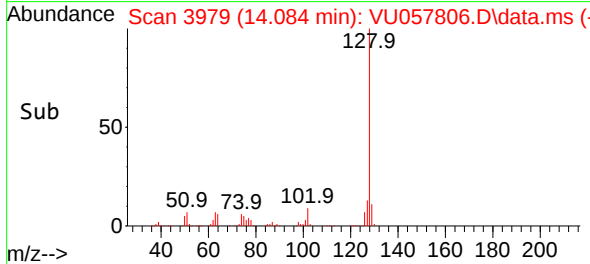
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



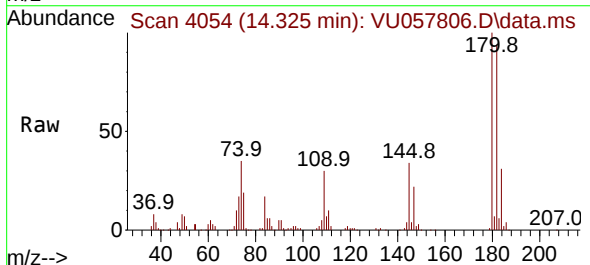
Tgt Ion:128 Resp: 254764
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#90
1,2,3-Trichlorobenzene
Concen: 11.159 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057806.D
Acq: 05 Feb 2024 13:59



Tgt Ion:180 Resp: 124874
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 34.4 26.1 39.1

