

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057802.D
 Acq On : 05 Feb 2024 11:18
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 01:01:13 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	6.110	96	43909	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15651	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13600	0.931	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6577	0.450	ug/l	97
3) Chloromethane	1.518	50	6957	0.494	ug/l	100
4) Vinyl Chloride	1.602	62	6550	0.457	ug/l	95
5) Bromomethane	1.856	94	4261	0.508	ug/l	95
6) Chloroethane	1.933	64	4114	0.456	ug/l	100
7) Trichlorofluoromethane	2.136	101	10334	0.492	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5202	0.463	ug/l	96
9) 1,1-Dichloroethene	2.580	96	5148	0.476	ug/l	89
11) Allyl Chloride	2.924	41	7862	0.526	ug/l	95
12) Acrylonitrile	3.345	53	1770m	0.925	ug/l	
13) Acetone	2.657	43	14031	4.215	ug/l	93
14) Carbon Disulfide	2.792	76	16621	0.479	ug/l	100
15) Methylene Chloride	3.043	84	7765	0.597	ug/l	96
16) trans-1,2-Dichloroethene	3.354	96	5190	0.440	ug/l	90
17) 1,1-Dichloroethane	3.862	63	10312	0.457	ug/l	94
18) 2-Butanone	4.743	43	9157	2.514	ug/l	92
19) Cyclohexane	5.380	56	8238	0.464	ug/l	91
20) Methylcyclohexane	6.756	83	9609	0.453	ug/l	99
21) 2,2-Dichloropropane	4.660	77	9411	0.473	ug/l	99
22) cis-1,2-Dichloroethene	4.669	96	6339	0.492	ug/l	95
23) Diethyl Ether	2.374	59	3940	0.498	ug/l	95
25) Methyl tert-Butyl Ether	3.358	73	12207	0.475	ug/l	# 90
26) Bromochloromethane	4.968	128	2258	0.436	ug/l	94
27) Chloroform	5.081	83	10332	0.444	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	10051	0.480	ug/l	99
29) 1,1-Dichloropropene	5.525	75	7692	0.452	ug/l	96
30) Carbon Tetrachloride	5.518	117	8035	0.445	ug/l	98
31) Isopropyl Ether	3.985	45	15675	0.470	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	16012	0.518	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	13114	0.503	ug/l	97
34) Propionitrile	4.833	54	1259	1.674	ug/l	# 1
35) Benzene	5.772	78	23533	0.480	ug/l	98
36) 1,2-Dichloroethane	5.795	62	6552	0.458	ug/l	# 82
37) Trichloroethene	6.541	130	6217	0.480	ug/l	99
38) 1,2-Dichloropropane	6.785	63	5773	0.451	ug/l	94
39) Methacrylonitrile	4.997	41	1344m	0.436	ug/l	
40) Methyl acrylate	4.885	55	2602m	0.565	ug/l	
41) Tetrahydrofuran	5.078	42	1254	0.775	ug/l	# 86
42) 1-Chlorobutane	5.454	56	10523	0.469	ug/l	96
43) Dibromomethane	6.920	93	2557	0.437	ug/l	92
44) Bromodichloromethane	7.103	83	7151	0.437	ug/l	89
45) 4-Methyl-2-Pentanone	7.788	43	14647	2.440	ug/l	96
46) t-1,4-Dichloro-2-butene	10.840	75	1590m	0.940	ug/l	

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 QLast Update : Tue Feb 06 00:58:29 2024
 Response via : Initial Calibration

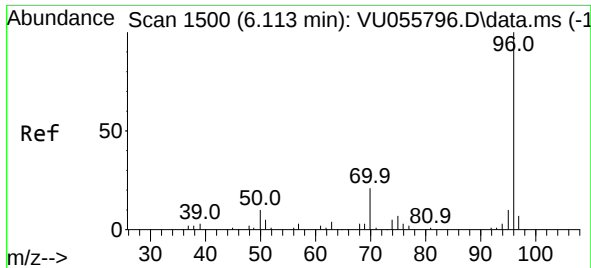
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	4557	0.876	ug/l #	88
48) Ethyl methacrylate	8.332	69	4885	0.472	ug/l	97
49) Toluene	7.968	92	13336	0.446	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	6288	0.442	ug/l	99
51) cis-1,3-Dichloropropene	7.608	75	8432	0.470	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	3794	0.469	ug/l	92
53) 1,3-Dichloropropane	8.573	76	6798	0.466	ug/l	95
54) 2-Hexanone	8.685	43	14635	2.577	ug/l	93
55) Dibromochloromethane	8.808	129	4358	0.437	ug/l	89
56) 1,2-Dibromoethane	8.920	107	3033	0.408	ug/l	90
58) Tetrachloroethene	8.550	164	5041	0.441	ug/l	91
59) Chlorobenzene	9.444	112	14549	0.442	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	4744	0.423	ug/l	99
61) Pentachloroethane	11.418	117	3309	0.411	ug/l #	80
62) Hexachloroethane	12.470	117	3767	0.423	ug/l	95
63) Ethyl Benzene	9.566	91	26711	0.456	ug/l	98
64) m/p-Xylenes	9.692	106	18752	0.882	ug/l	93
65) o-Xylene	10.097	106	9533	0.453	ug/l	91
66) Styrene	10.113	104	14435	0.459	ug/l	94
67) Bromoform	10.290	173	1886	0.372	ug/l #	96
69) Isopropylbenzene	10.480	105	25572	0.464	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	4318	0.431	ug/l #	95
71) 1,2,3-Trichloropropane	10.820	75	3809m	0.464	ug/l	
72) Bromobenzene	10.782	156	5475	0.455	ug/l	98
73) n-propylbenzene	10.901	120	6171	0.444	ug/l	94
74) 2-Chlorotoluene	10.981	126	5952	0.466	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	21156	0.446	ug/l	98
76) 4-Chlorotoluene	11.094	126	5709	0.443	ug/l	90
77) tert-Butylbenzene	11.412	119	20932	0.470	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	21809	0.454	ug/l	99
79) sec-Butylbenzene	11.637	105	26787	0.466	ug/l	98
80) Nitrobenzene	13.216	77	489	2.347	ug/l #	55
81) p-Isopropyltoluene	11.788	119	21443	0.447	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	11133	0.456	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	10915	0.457	ug/l	98
84) n-Butylbenzene	12.206	91	20322	0.446	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	10331	0.464	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	744	0.532	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.840	180	5821	0.440	ug/l #	95
88) Hexachlorobutadiene	14.013	225	3859	0.453	ug/l	92
90) 1,2,3-Trichlorobenzene	14.325	180	5138	0.462	ug/l	99

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

Manual Integrations

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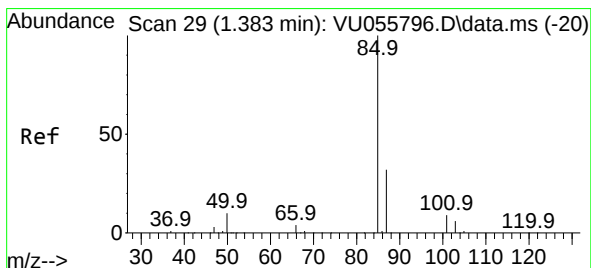
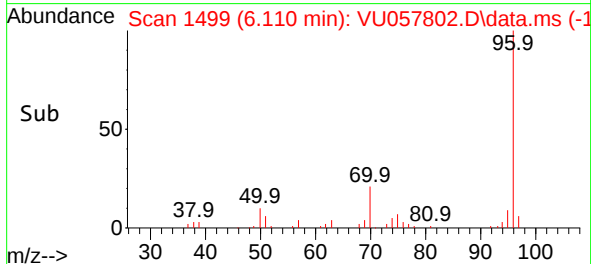
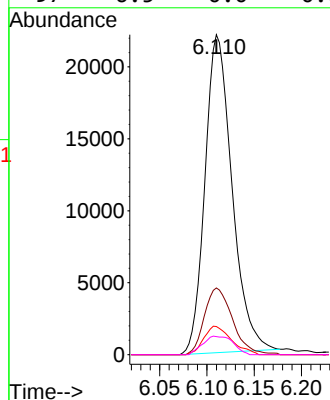
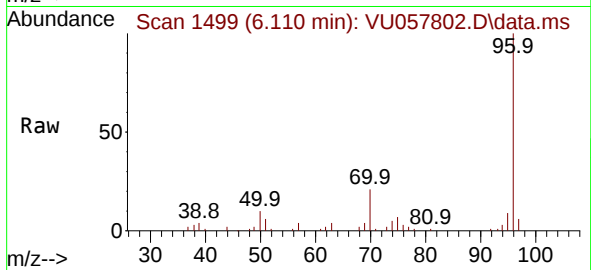
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.007 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 43909
Ion Ratio Lower Upper
96 100
70 21.9 16.5 24.7
95 9.2 7.4 11.0
97 6.5 0.0 0.0#

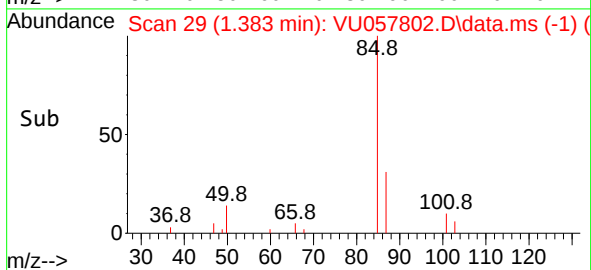
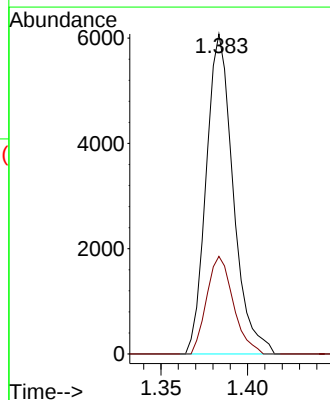
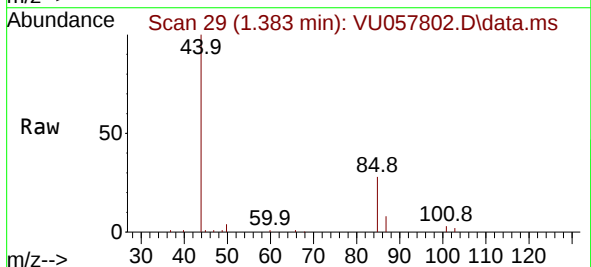
Manual Integrations
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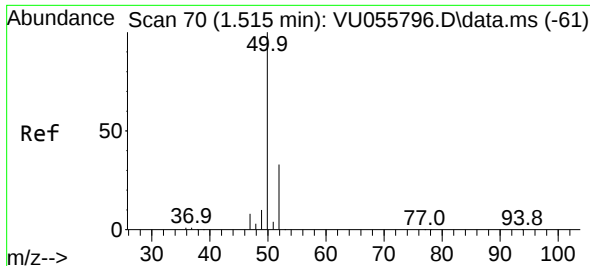
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 0.450 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

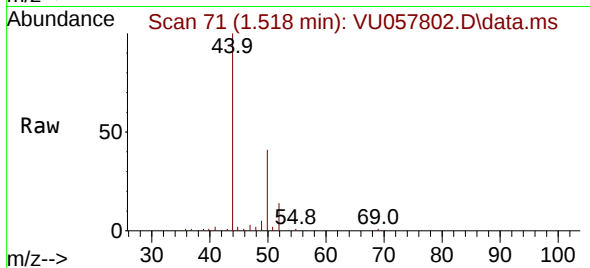
Tgt Ion: 85 Resp: 6577
Ion Ratio Lower Upper
85 100
87 30.5 16.2 48.6





#3
Chloromethane
Concen: 0.494 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

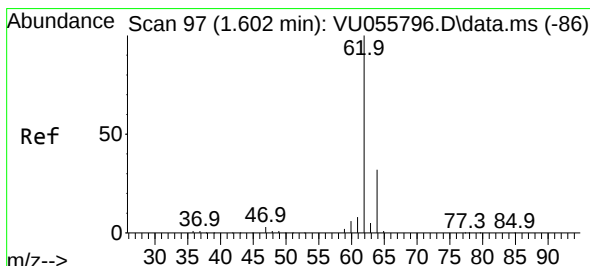
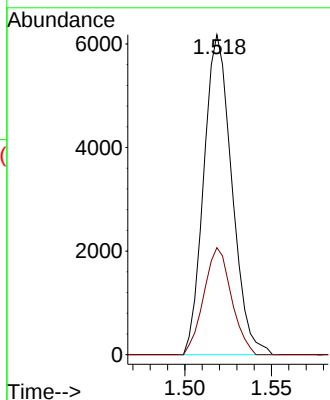
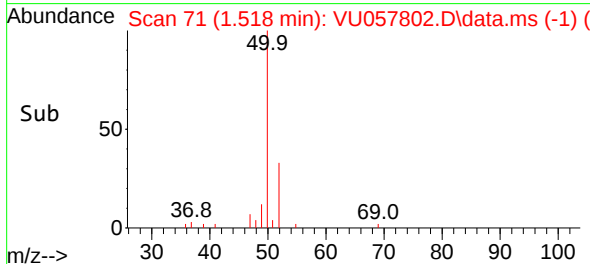
Instrument :
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ClientSampleId :
VSTDICC0.5



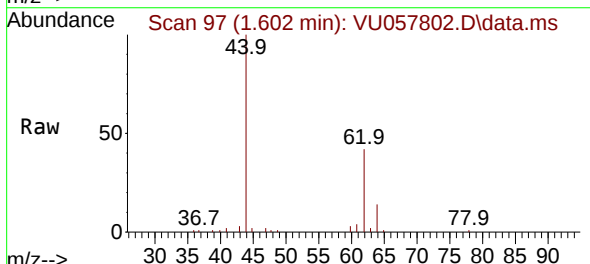
Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

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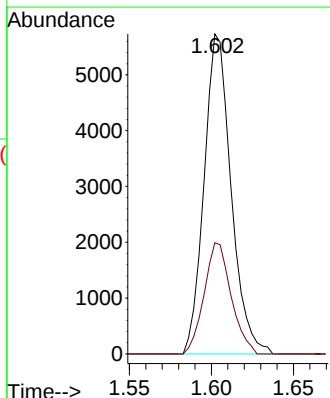
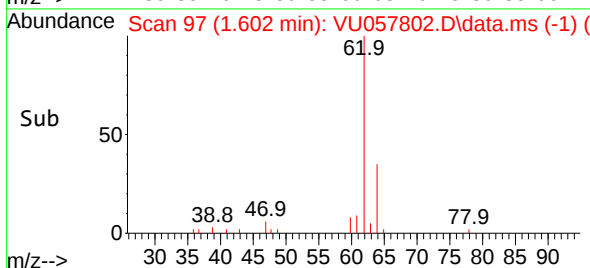
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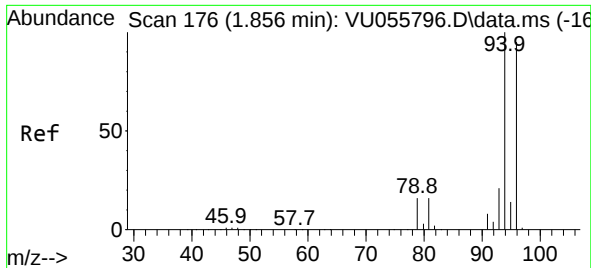


#4
Vinyl Chloride
Concen: 0.457 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion: 62 Resp: 6550
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.2





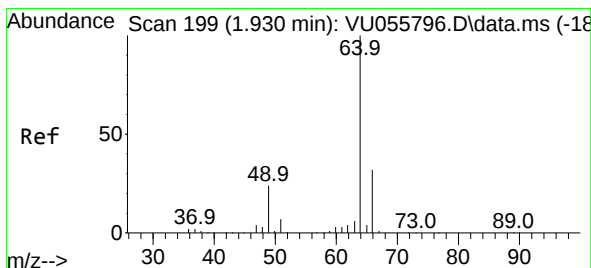
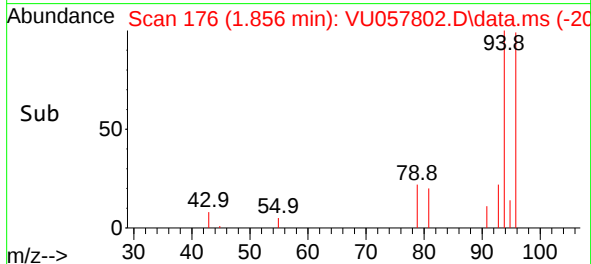
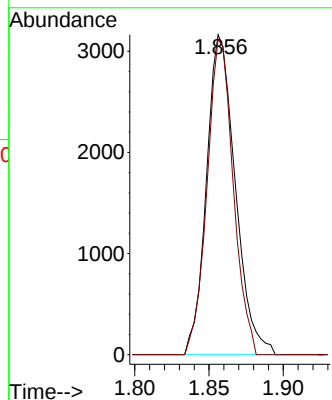
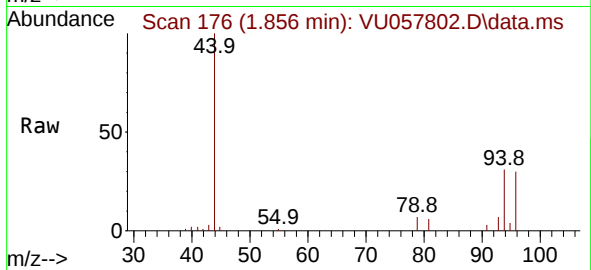
#5
Bromomethane
Concen: 0.508 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 98.7 75.4 113.2

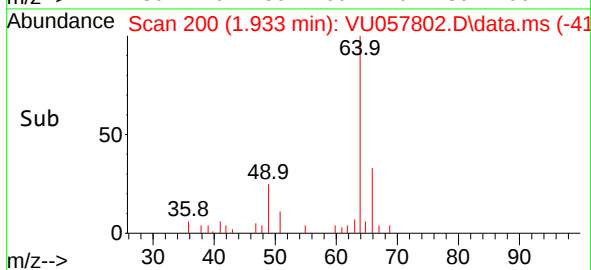
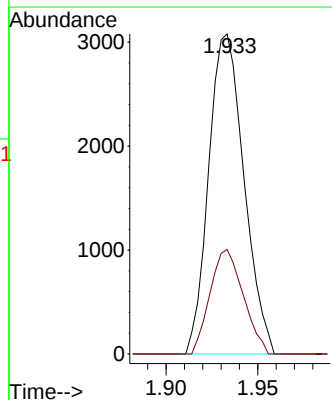
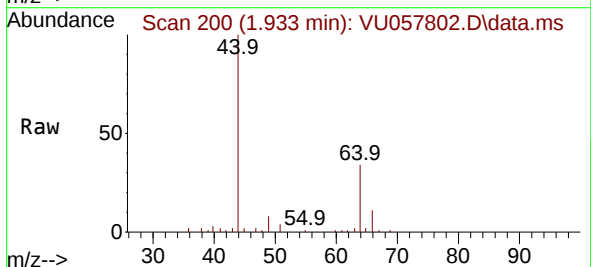
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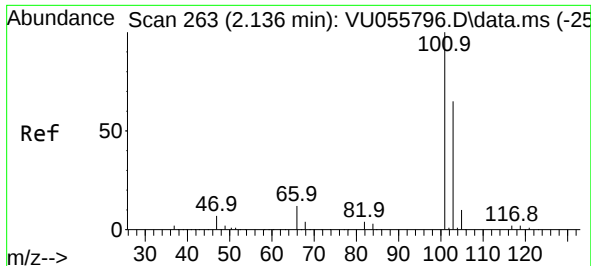
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 0.456 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

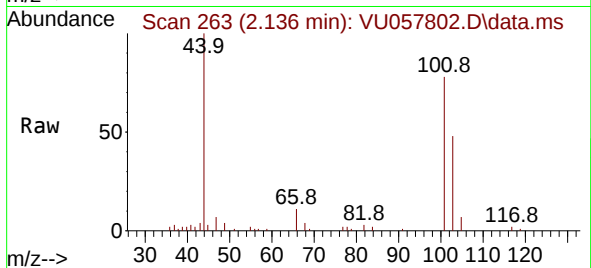
Tgt Ion: 64 Resp: 4114
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.492 ug/l
RT: 2.136 min Scan# 210
Delta R.T. 0.020 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

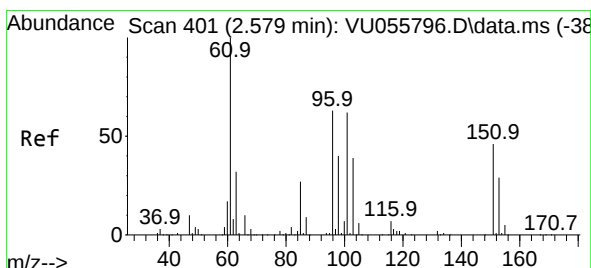
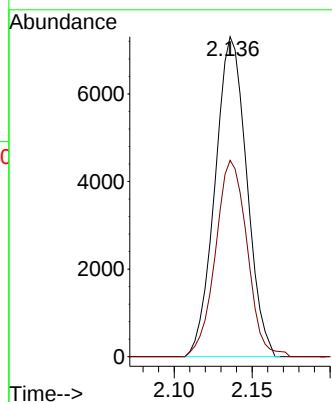
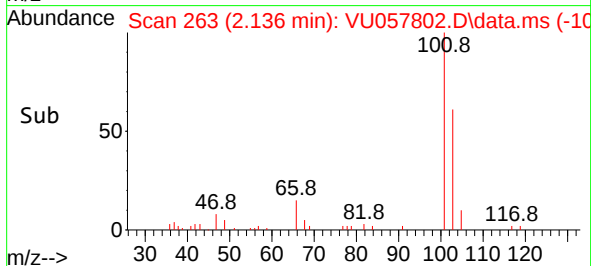
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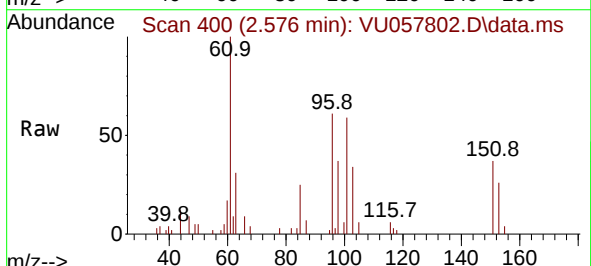
Tgt Ion:101 Resp: 10334
Ion Ratio Lower Upper
101 100
103 61.3 51.4 77.0

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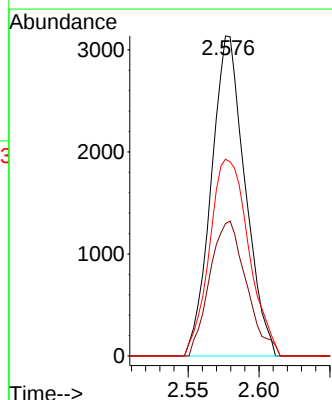
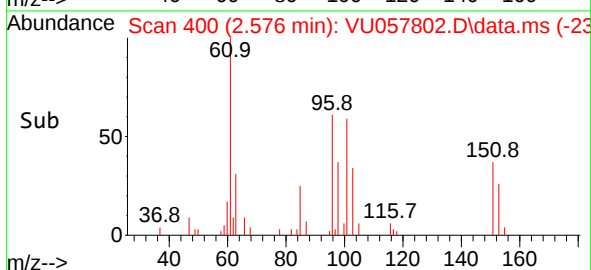
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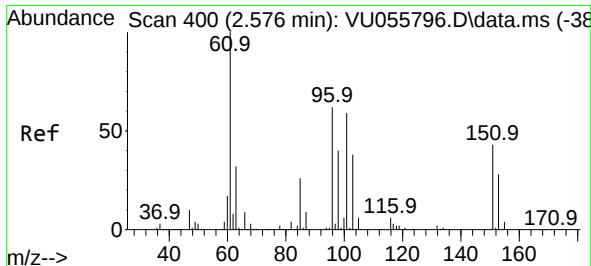


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.463 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.016 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



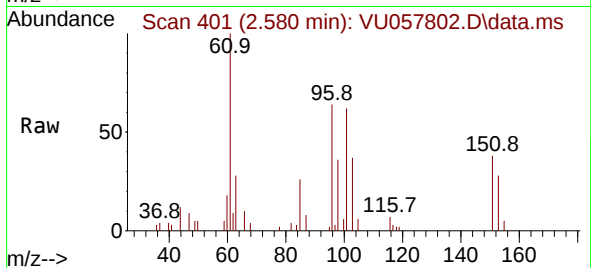
Tgt Ion:101 Resp: 5202
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.0
151 71.5 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.476 ug/l
RT: 2.580 min Scan# 400
Delta R.T. 0.020 min
Lab File: VU057802.D
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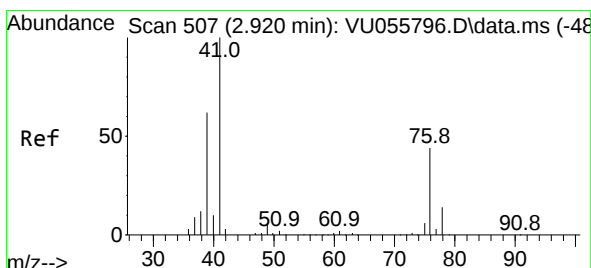
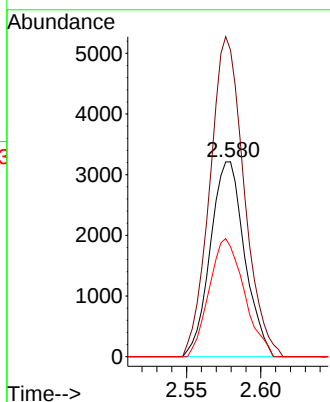
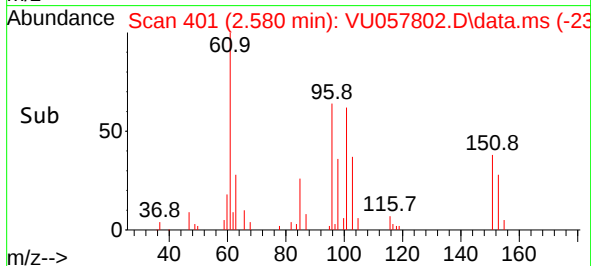
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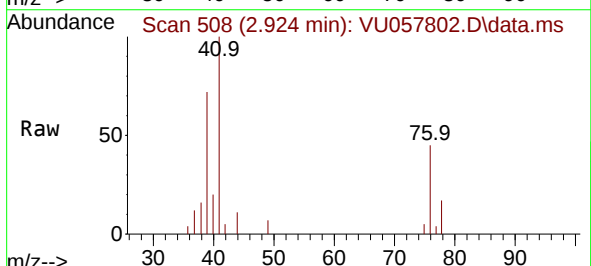
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Ion Ratio Lower Upper
96 100
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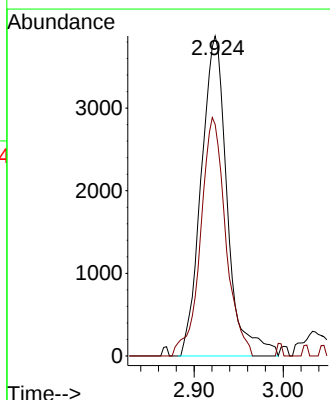
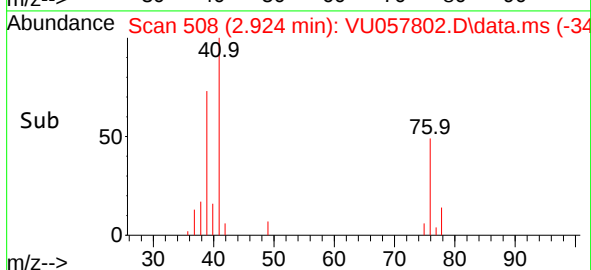
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

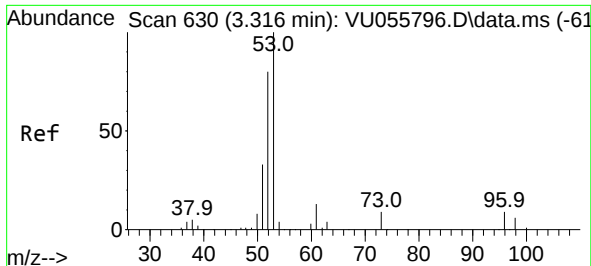


#11
Allyl Chloride
Concen: 0.526 ug/l
RT: 2.924 min Scan# 508
Delta R.T. 0.020 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion: 41 Resp: 7862
Ion Ratio Lower Upper
41 100
39 71.5 54.2 81.2





#12

Acrylonitrile

Concen: 0.925 ug/l m

RT: 3.345 min Scan# 61

Delta R.T. 0.036 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

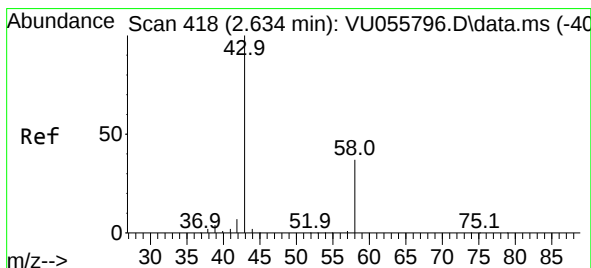
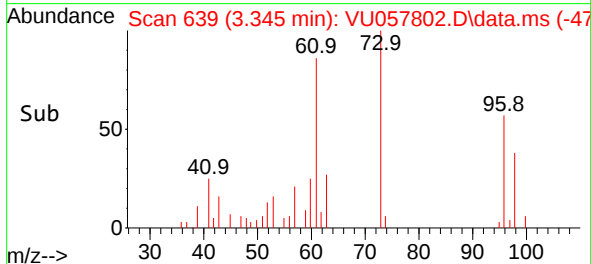
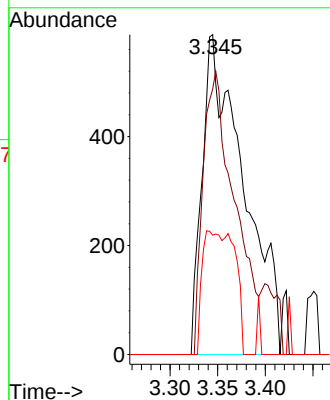
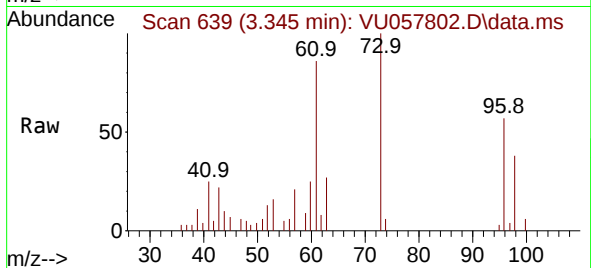
Tgt Ion: 53	Resp: 1770
Ion Ratio	Lower Upper
53 100	
52 68.1	62.9 94.3
51 17.9	27.8 41.6

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#13

Acetone

Concen: 4.215 ug/l

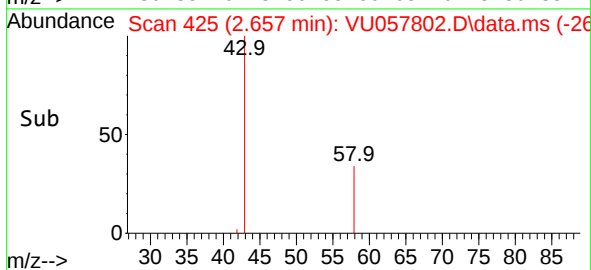
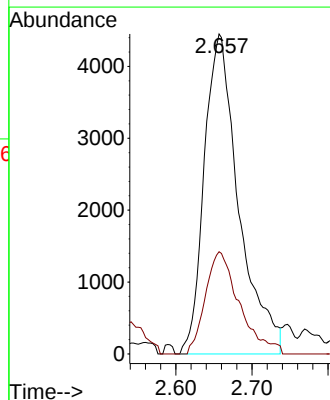
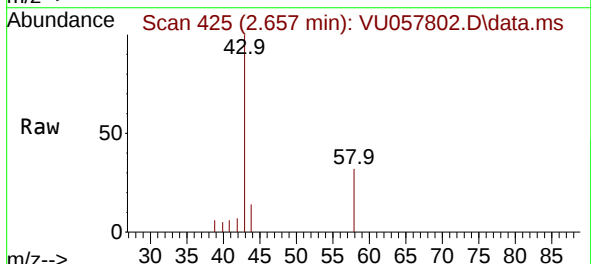
RT: 2.657 min Scan# 425

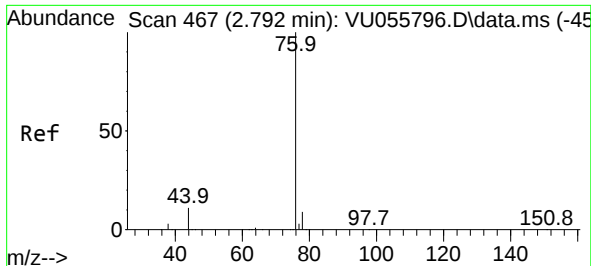
Delta R.T. 0.026 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

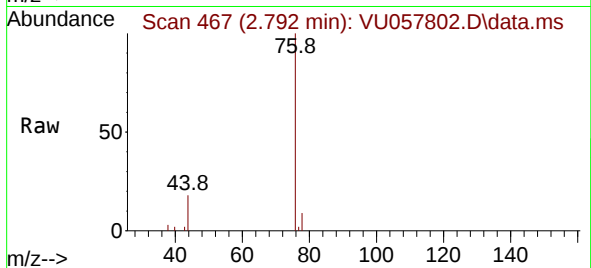
Tgt Ion: 43	Resp: 14031
Ion Ratio	Lower Upper
43 100	
58 31.9	29.0 43.4





#14
Carbon Disulfide
Concen: 0.479 ug/l
RT: 2.792 min Scan# 467
Delta R.T. 0.020 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

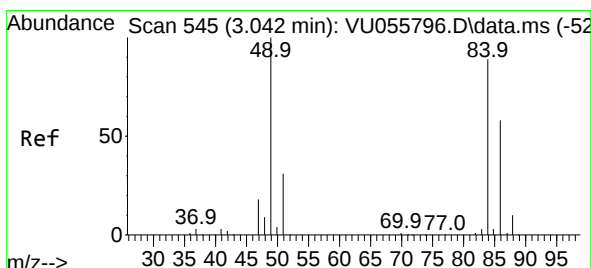
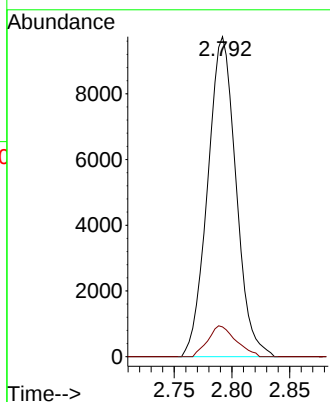
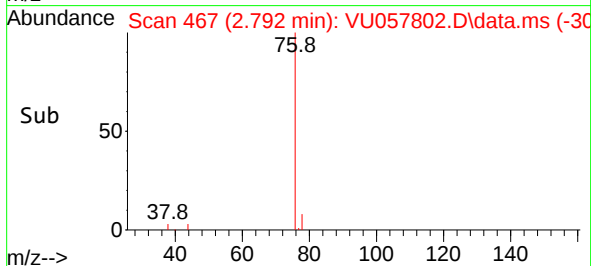
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



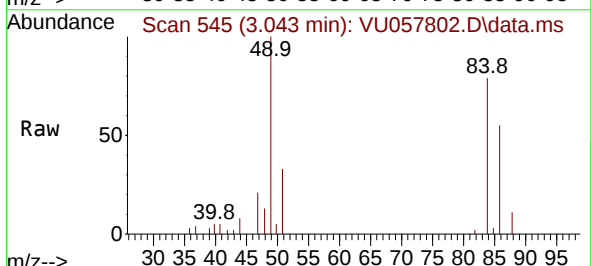
Tgt Ion: 76 Resp: 1662
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

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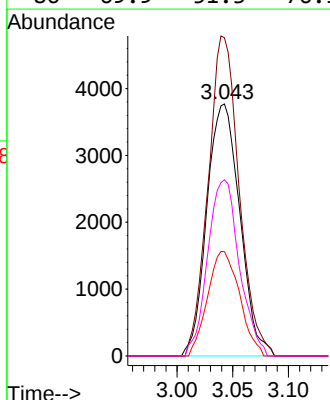
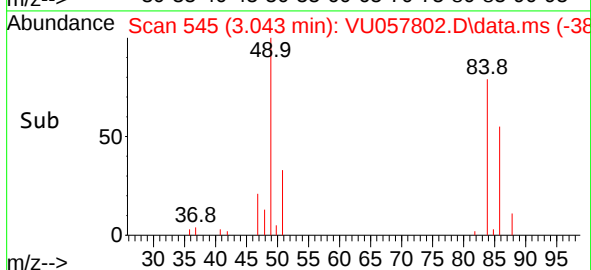
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

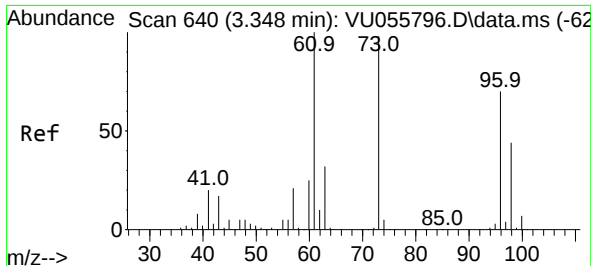


#15
Methylene Chloride
Concen: 0.597 ug/l
RT: 3.043 min Scan# 545
Delta R.T. 0.016 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



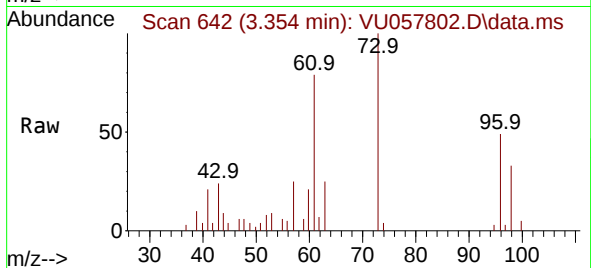
Tgt Ion: 84 Resp: 7765
Ion Ratio Lower Upper
84 100
49 126.3 98.9 148.3
51 41.4 0.0 75.4
86 69.9 51.3 76.9





#16
trans-1,2-Dichloroethene
Concen: 0.440 ug/l
RT: 3.354 min Scan# 640
Delta R.T. 0.020 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

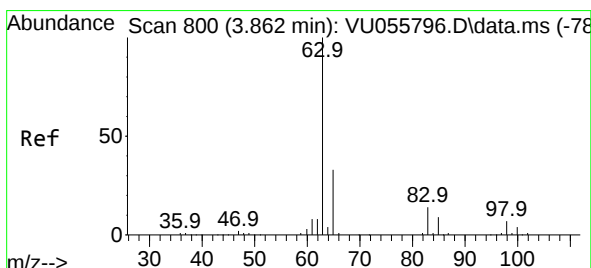
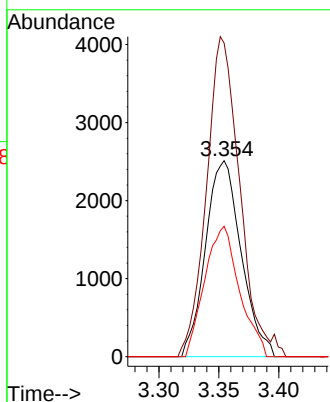
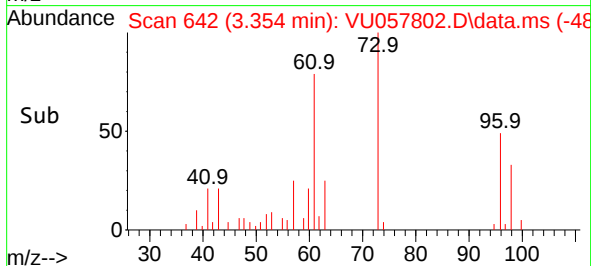
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC0.5



Tgt Ion: 96 Resp: 5190
Ion Ratio Lower Upper
96 100
61 160.0 117.5 176.3
98 66.5 48.3 72.5

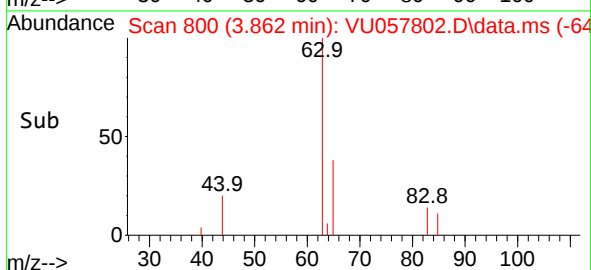
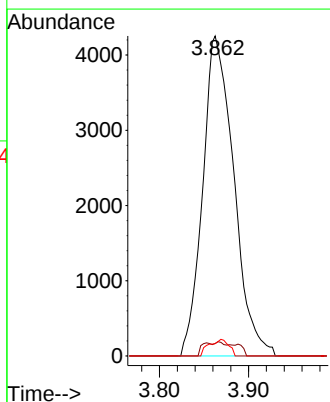
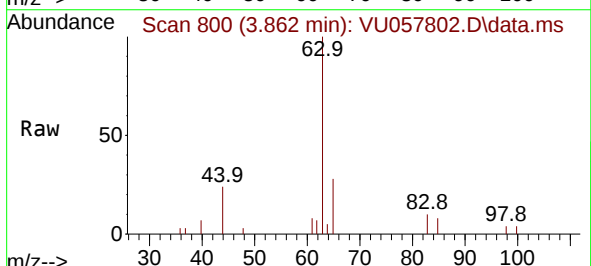
Manual Integrations
APPROVED

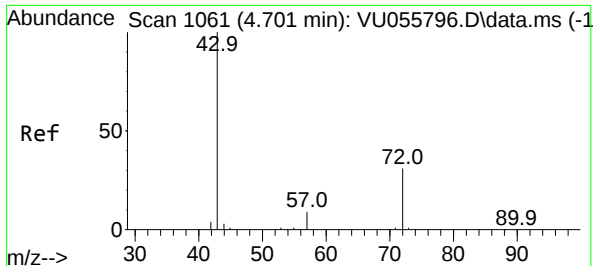
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#17
1,1-Dichloroethane
Concen: 0.457 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.013 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion: 63 Resp: 10312
Ion Ratio Lower Upper
63 100
98 3.9 3.4 10.1
100 3.8 2.2 6.6





#18

2-Butanone

Concen: 2.514 ug/l

RT: 4.743 min Scan# 1061

Delta R.T. 0.032 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

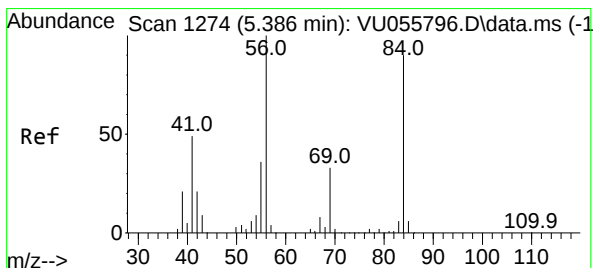
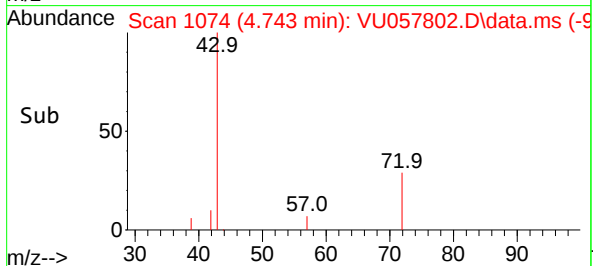
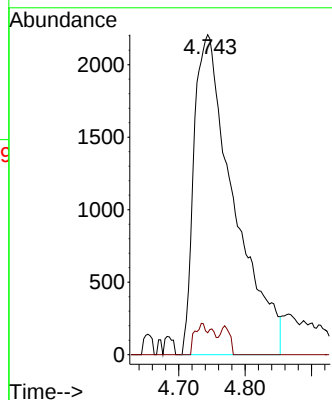
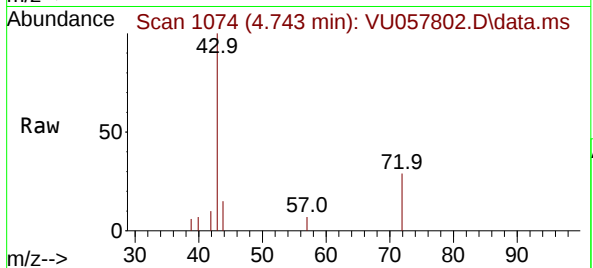
57 6.8 0.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#19

Cyclohexane

Concen: 0.464 ug/l

RT: 5.380 min Scan# 1272

Delta R.T. 0.013 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

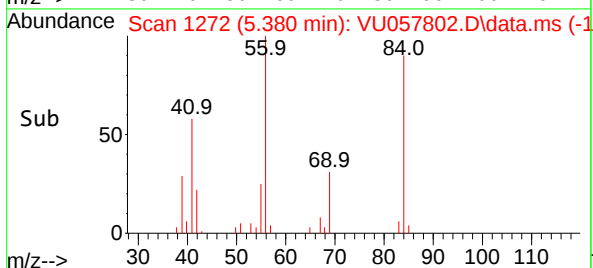
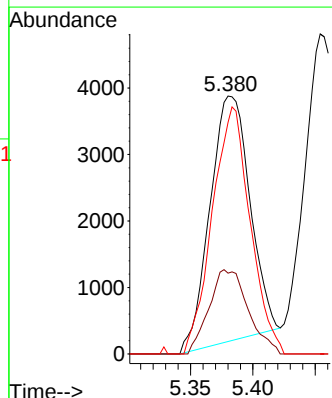
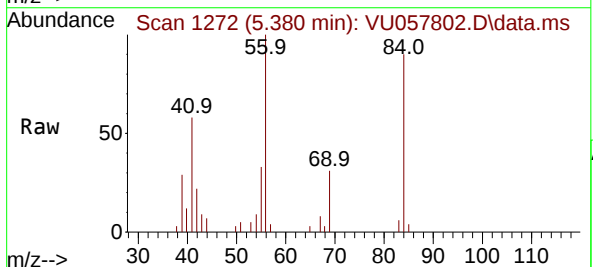
Tgt Ion: 56 Resp: 8238

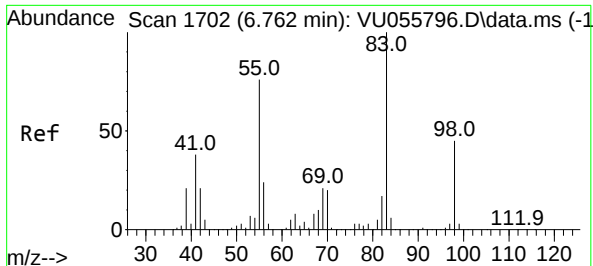
Ion Ratio Lower Upper

56 100

69 33.6 24.6 37.0

84 95.4 68.4 102.6





#20

Methylcyclohexane

Concen: 0.453 ug/l

RT: 6.756 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

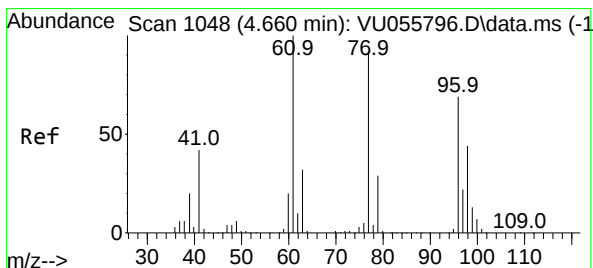
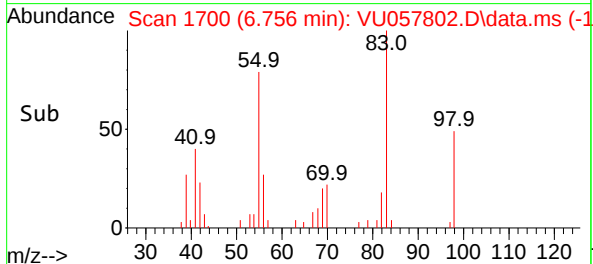
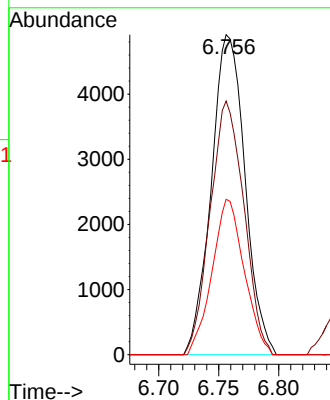
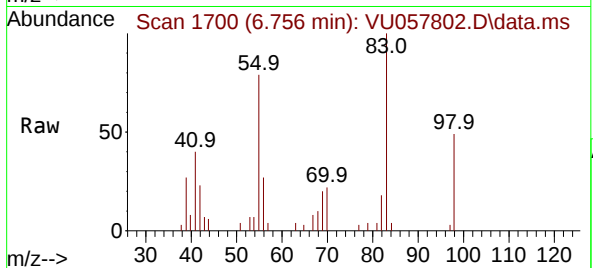
Tgt Ion: 83	Resp: 960
Ion Ratio	Lower Upper
83 100	
55 79.2	63.5 95.3
98 46.3	36.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#21

2,2-Dichloropropane

Concen: 0.473 ug/l

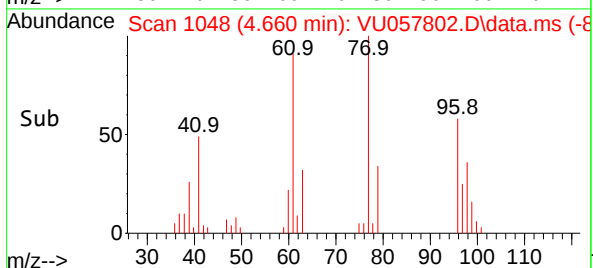
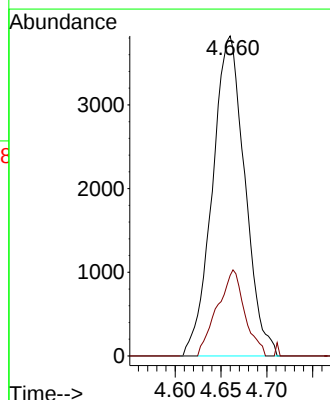
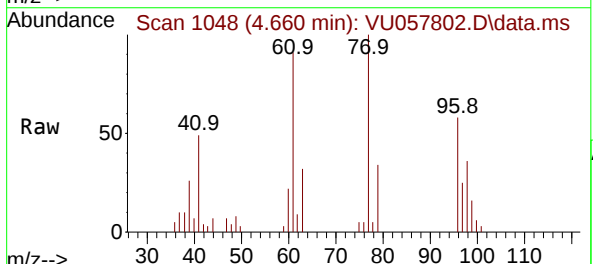
RT: 4.660 min Scan# 1048

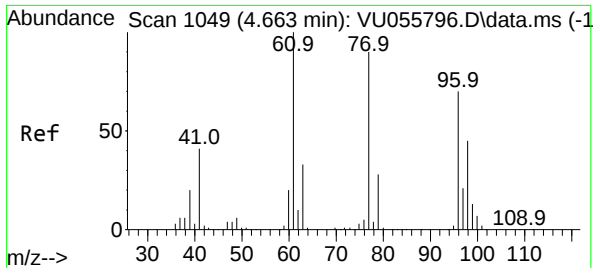
Delta R.T. 0.013 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Tgt Ion: 77	Resp: 9411
Ion Ratio	Lower Upper
77 100	
97 22.7	18.4 27.6





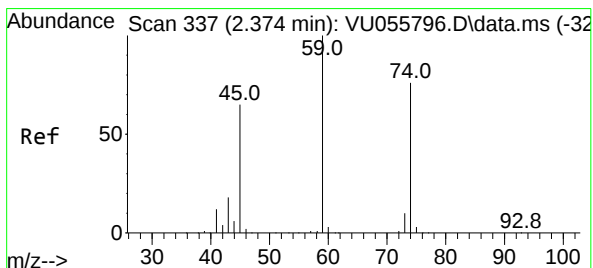
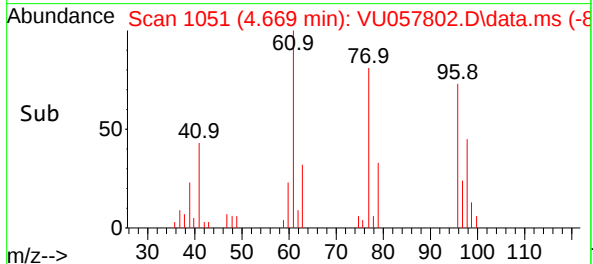
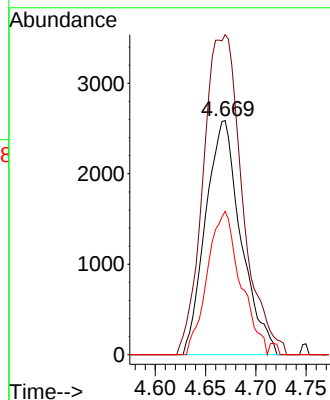
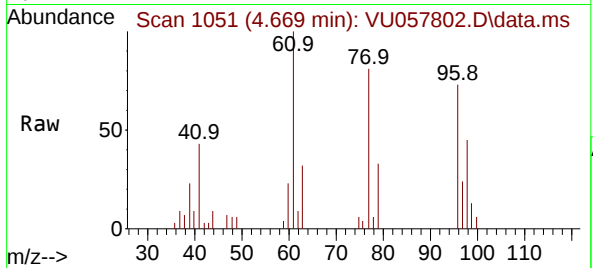
#22
cis-1,2-Dichloroethene
Concen: 0.492 ug/l
RT: 4.669 min Scan# 1049
Delta R.T. 0.020 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 6339
Ion Ratio Lower Upper
96 100
61 151.0 0.0 365.8
98 57.4 32.0 96.0

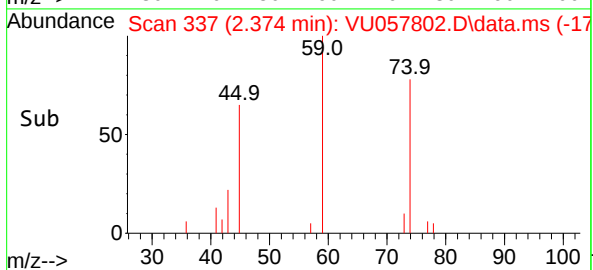
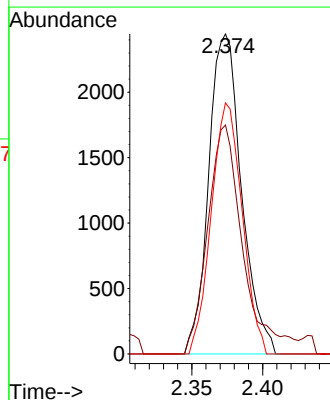
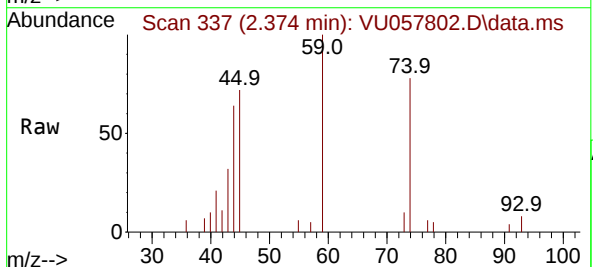
Manual Integrations
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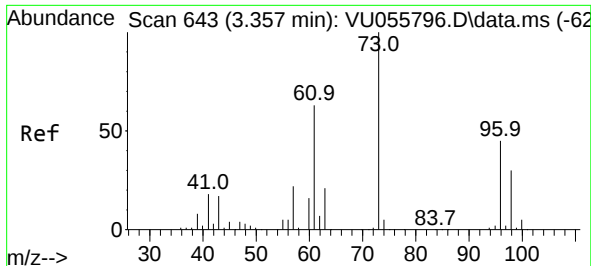
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#23
Diethyl Ether
Concen: 0.498 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

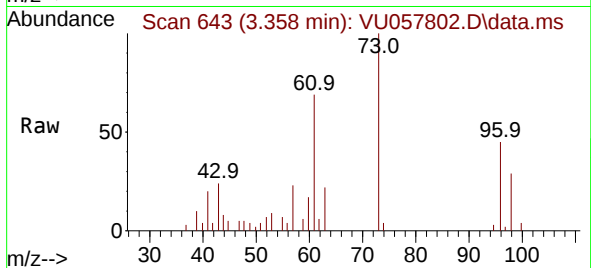
Tgt Ion: 59 Resp: 3940
Ion Ratio Lower Upper
59 100
45 76.9 56.1 84.1
74 73.7 57.4 86.2





#25
Methyl tert-Butyl Ether
Concen: 0.475 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

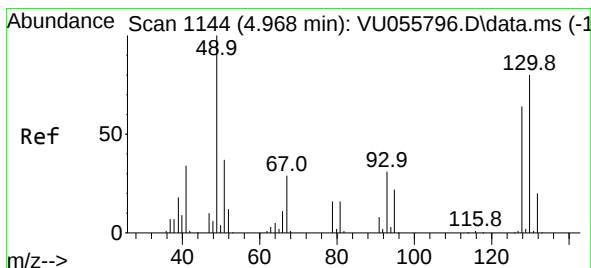
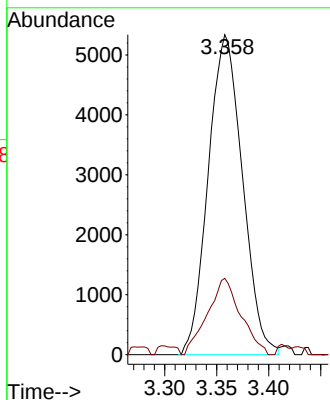
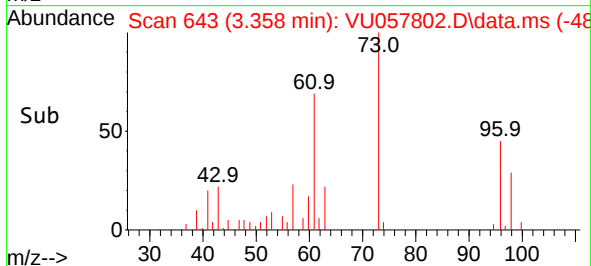
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



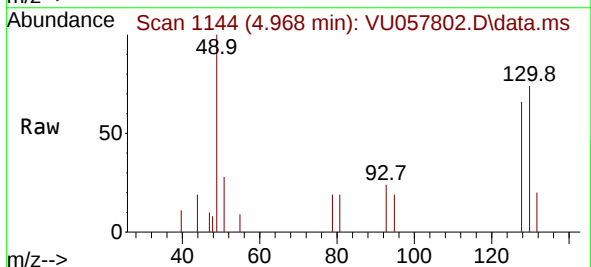
Tgt Ion: 73 Resp: 1220
Ion Ratio Lower Upper
73 100
43 23.2 15.0 22.6

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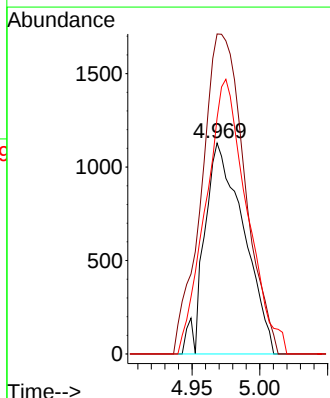
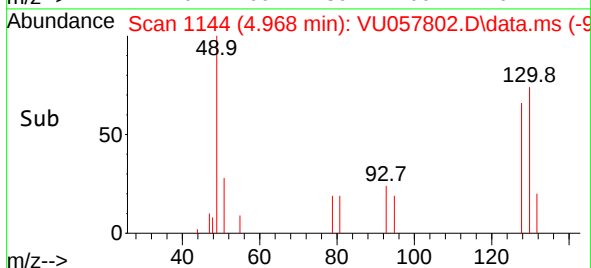
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

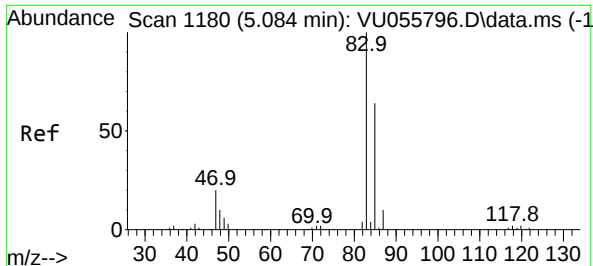


#26
Bromochloromethane
Concen: 0.436 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion:128 Resp: 2258
Ion Ratio Lower Upper
128 100
49 168.2 0.0 324.6
130 137.8 103.0 154.4





#27

Chloroform

Concen: 0.444 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 1033

Ion Ratio Lower Upper

83 100

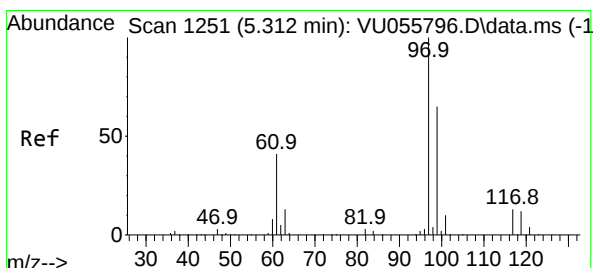
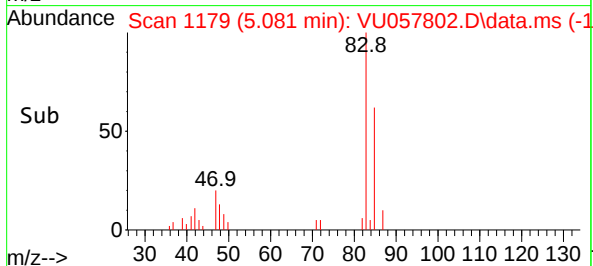
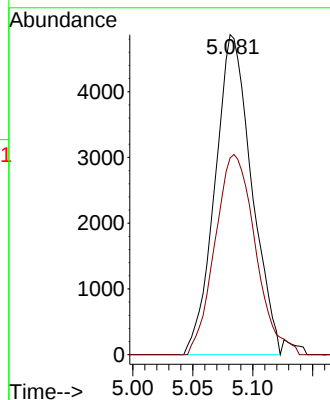
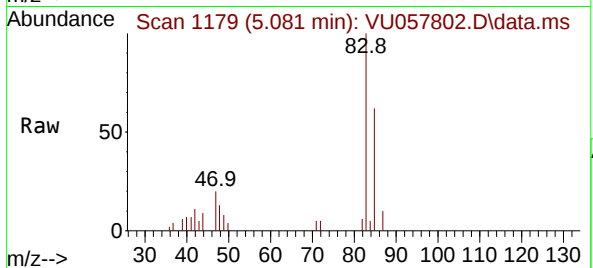
85 61.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 0.480 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.007 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

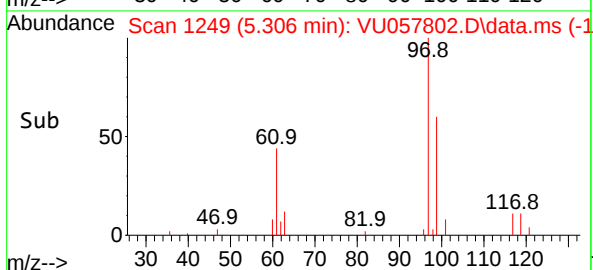
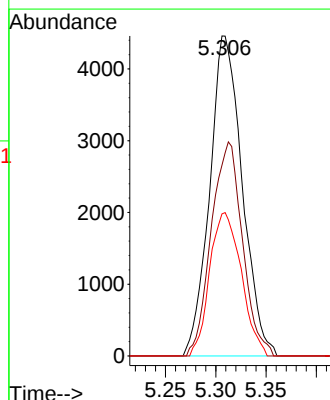
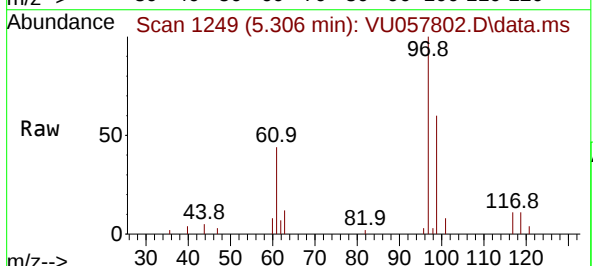
Tgt Ion: 97 Resp: 10051

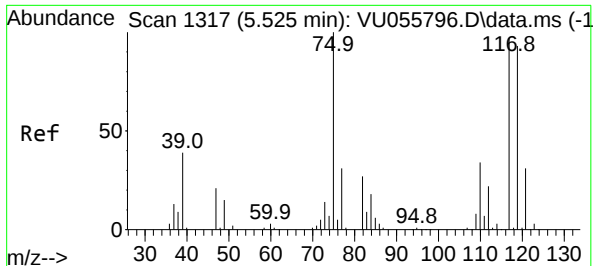
Ion Ratio Lower Upper

97 100

99 64.1 32.0 96.2

61 43.4 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.452 ug/l
RT: 5.525 min Scan# 1169
Delta R.T. 0.013 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

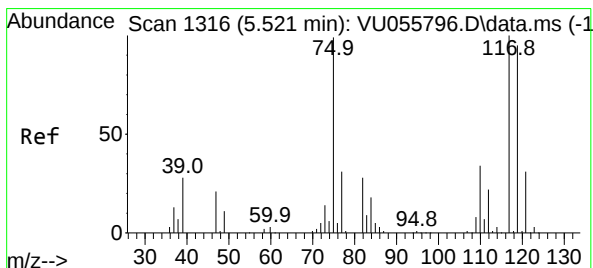
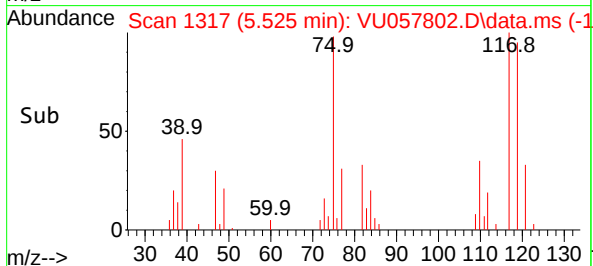
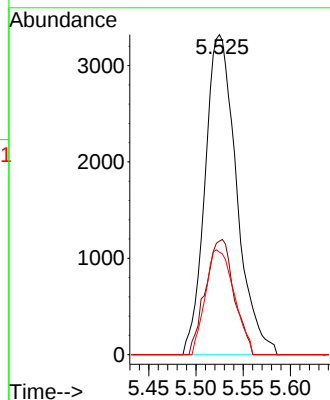
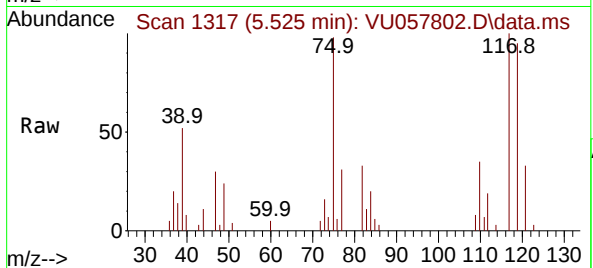
Tgt Ion: 75 Resp: 7692
Ion Ratio Lower Upper
75 100
110 32.6 18.0 54.0
77 30.0 24.7 37.1

Manual Integrations

APPROVED

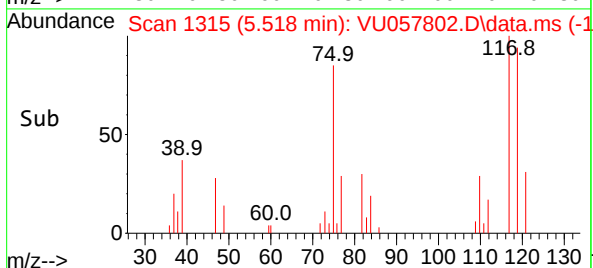
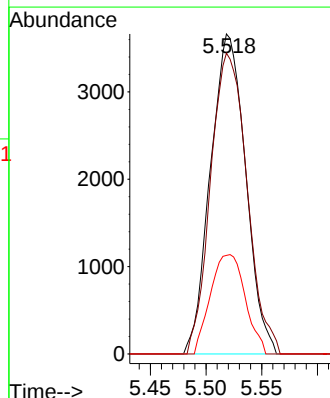
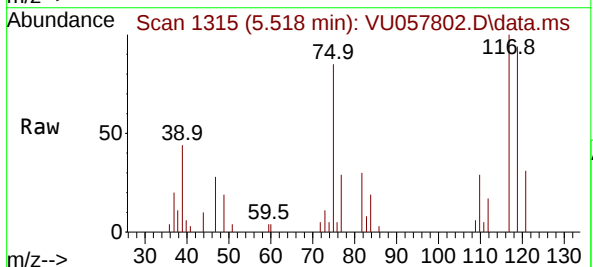
Reviewed By :John Carlone 02/14/2024

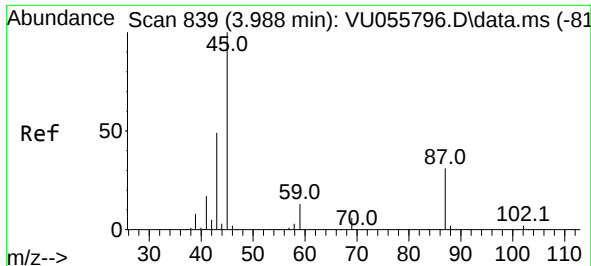
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 0.445 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:117 Resp: 8035
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 30.8 24.0 36.0





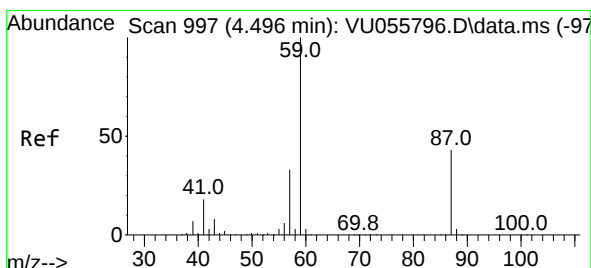
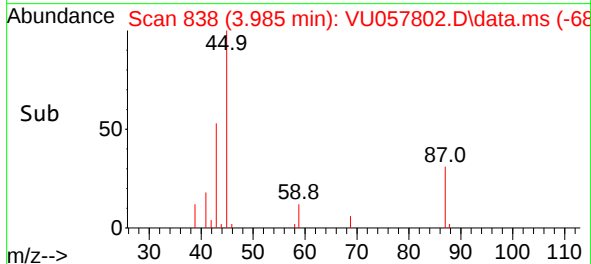
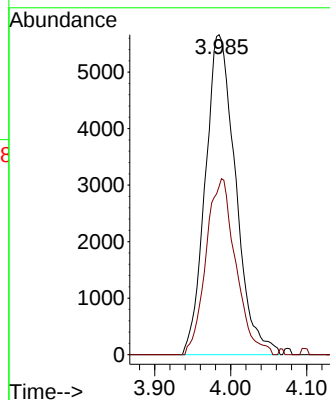
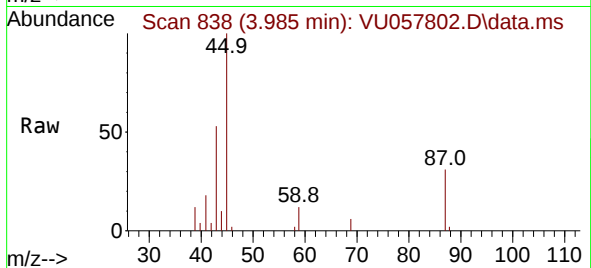
#31
Isopropyl Ether
Concen: 0.470 ug/l
RT: 3.985 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 15679
Ion Ratio Lower Upper
45 100
43 53.9 27.5 82.5

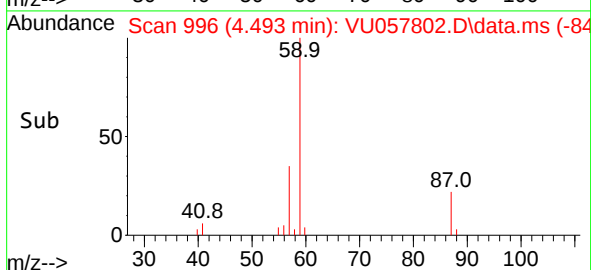
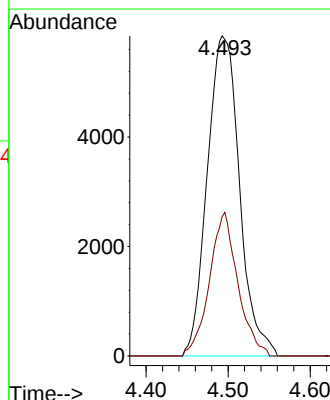
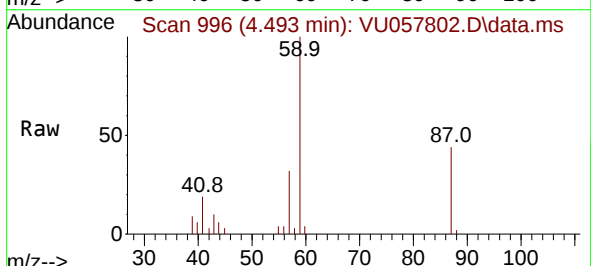
Manual Integrations
APPROVED

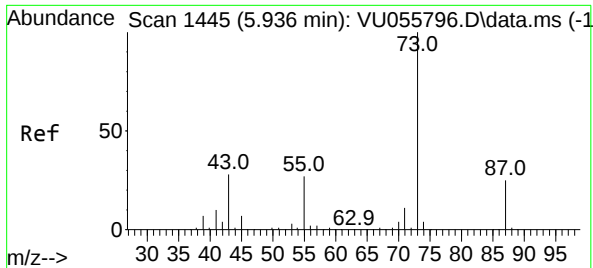
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#32
Ethyl-t-butyl ether
Concen: 0.518 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.006 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion: 59 Resp: 16012
Ion Ratio Lower Upper
59 100
87 39.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.503 ug/l
RT: 5.933 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

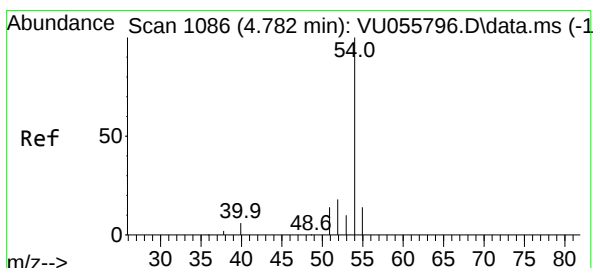
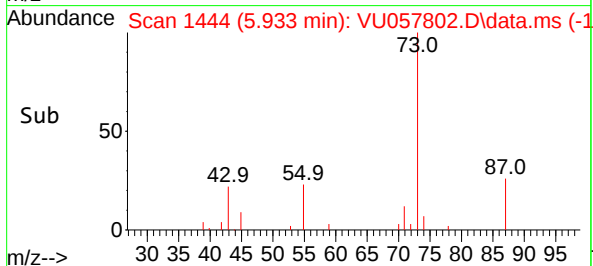
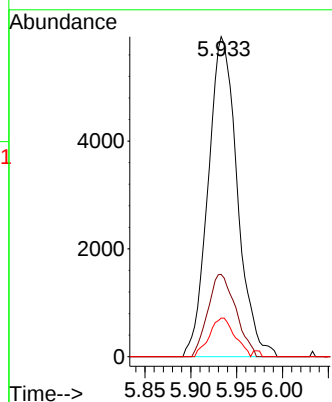
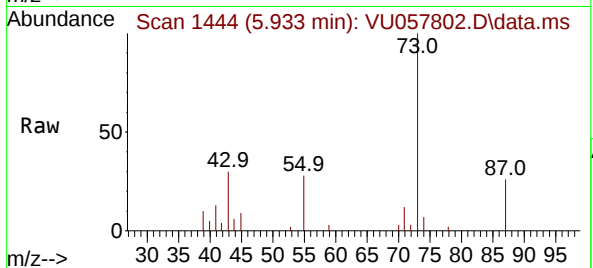
VSTDIC0.5

Tgt Ion: 73 Resp: 13114
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 10.6 9.9 14.9

Manual Integrations

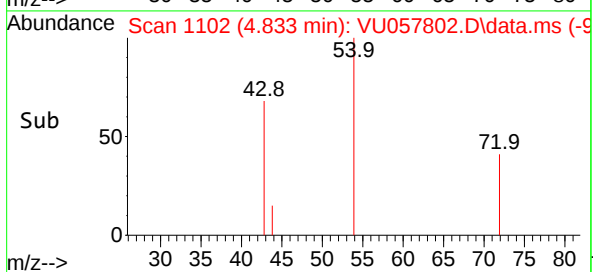
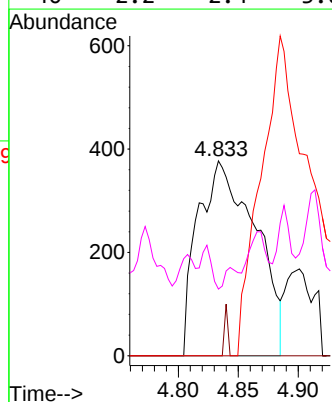
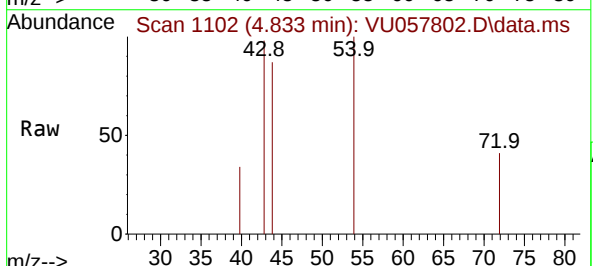
APPROVED

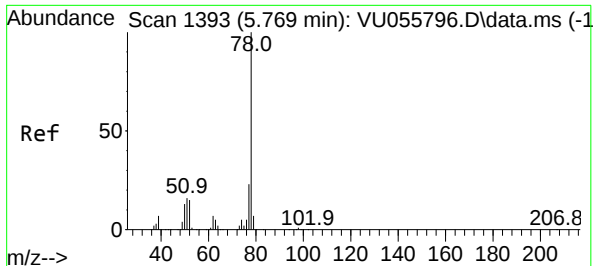
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 1.674 ug/l
RT: 4.833 min Scan# 1102
Delta R.T. 0.048 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

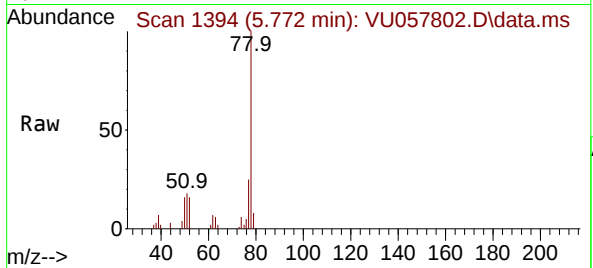
Tgt Ion: 54 Resp: 1259
Ion Ratio Lower Upper
54 100
52 1.5 17.4 26.0#
55 0.0 104.1 156.1#
40 2.2 2.4 3.6#





#35
Benzene
Concen: 0.480 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

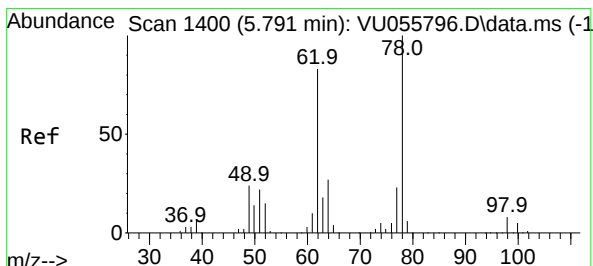
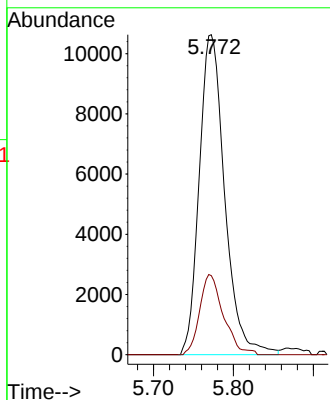
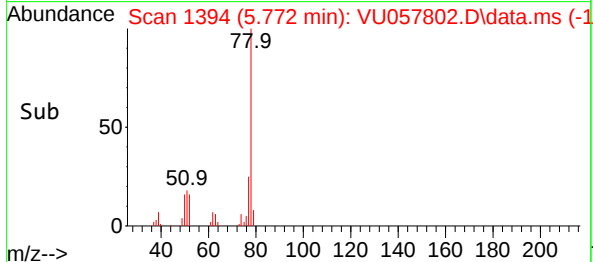
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



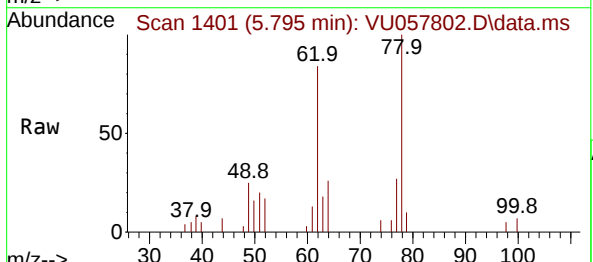
Tgt Ion: 78 Resp: 2353
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

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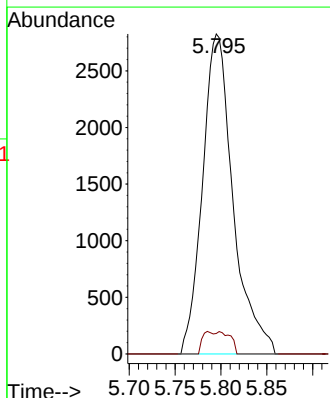
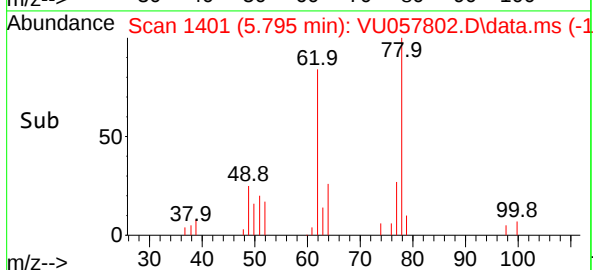
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

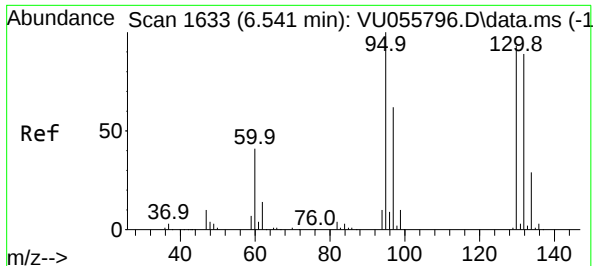


#36
1,2-Dichloroethane
Concen: 0.458 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion: 62 Resp: 6552
Ion Ratio Lower Upper
62 100
98 2.6 7.3 10.9#





#37

Trichloroethene

Concen: 0.480 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:130 Resp: 621

Ion Ratio Lower Upper

130 100

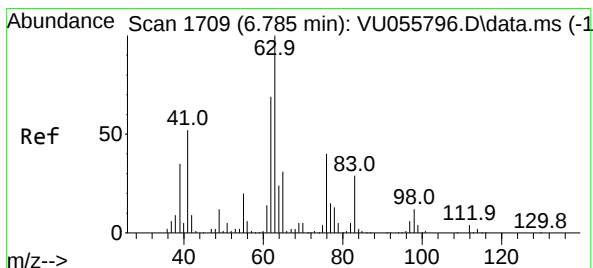
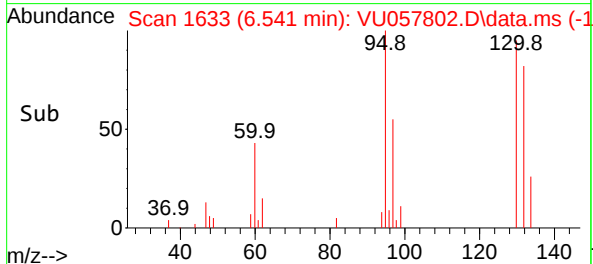
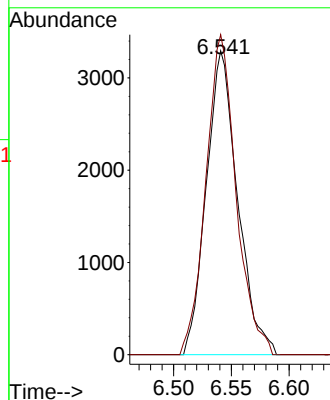
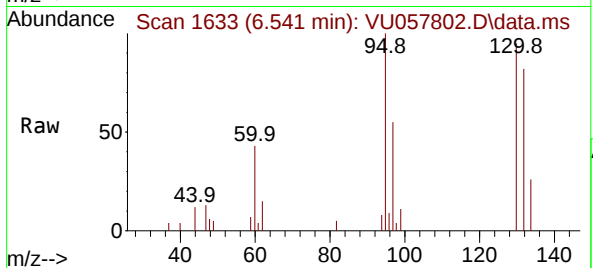
95 105.3 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 0.451 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057802.D

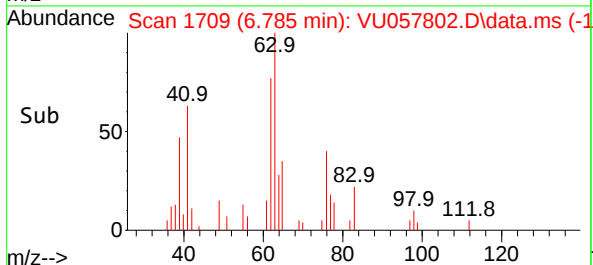
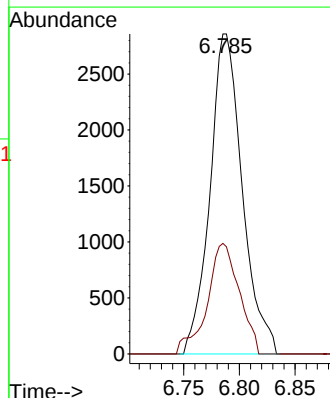
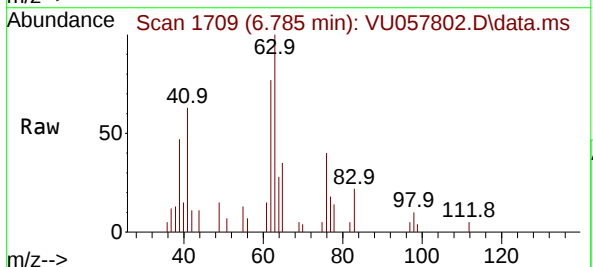
Acq: 05 Feb 2024 11:18

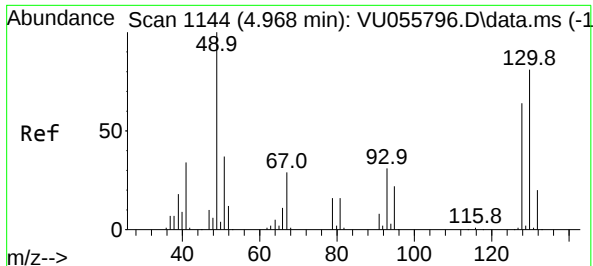
Tgt Ion: 63 Resp: 5773

Ion Ratio Lower Upper

63 100

65 34.6 24.9 37.3





#39

Methacrylonitrile

Concen: 0.436 ug/l m

RT: 4.997 min Scan# 1118

Delta R.T. 0.026 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 1344

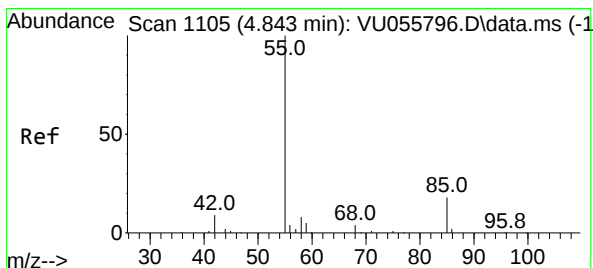
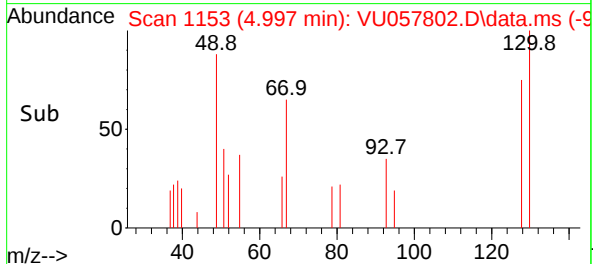
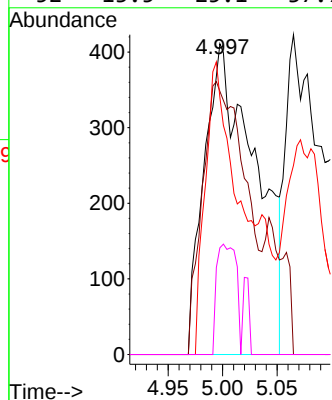
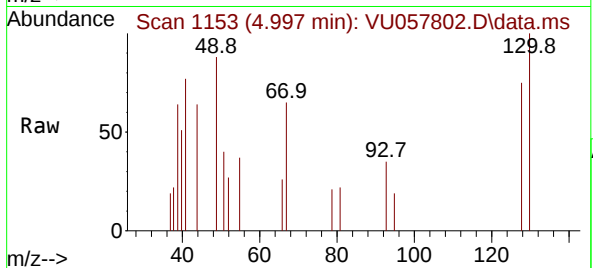
Ion	Ratio	Lower	Upper
41	100		
67	74.4	66.8	100.2
39	58.9	41.2	61.8
52	13.5	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 0.565 ug/l m

RT: 4.885 min Scan# 1118

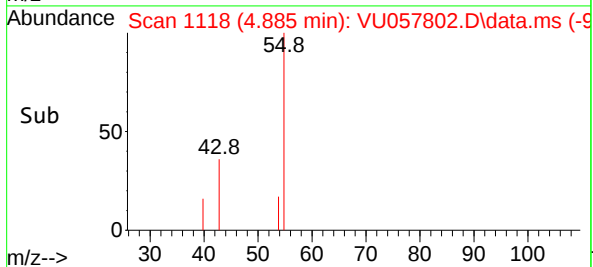
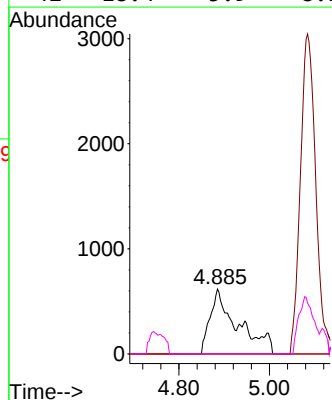
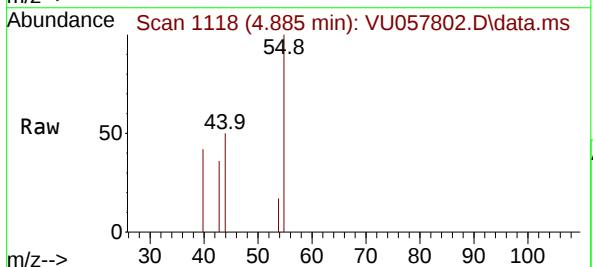
Delta R.T. 0.042 min

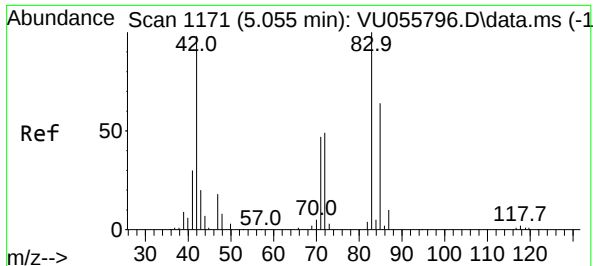
Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Tgt Ion: 55 Resp: 2602

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.0	6.5	9.7#
42	18.4	5.9	8.9#





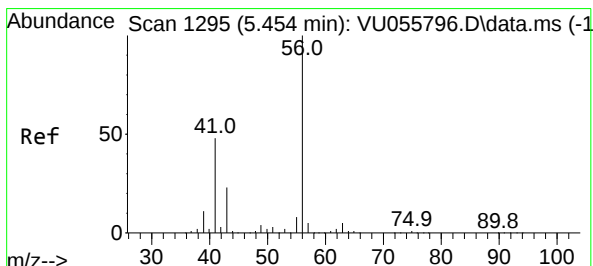
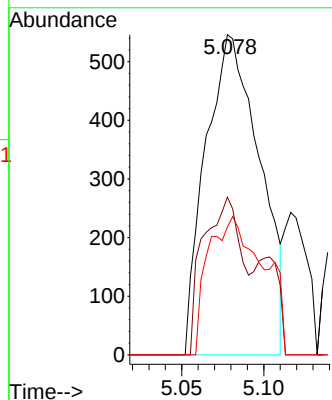
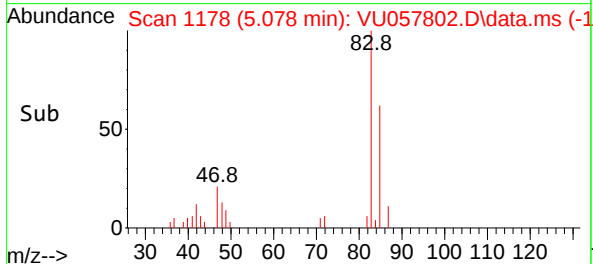
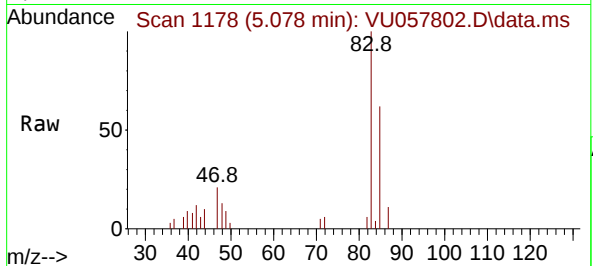
#41
Tetrahydrofuran
Concen: 0.775 ug/l
RT: 5.078 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 1254
Ion Ratio Lower Upper
42 100
72 34.8 40.9 61.3
71 43.9 36.9 55.3

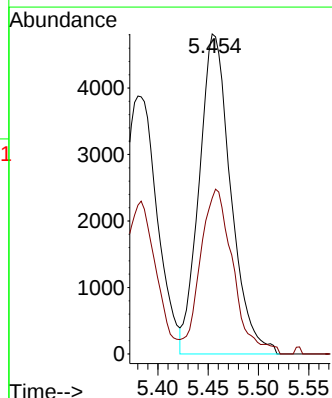
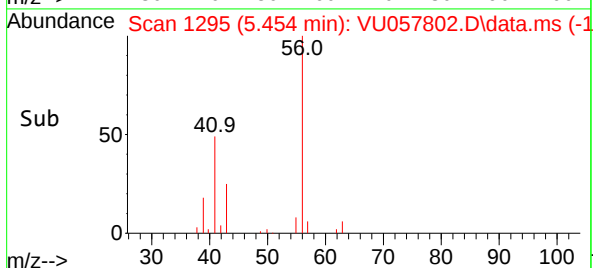
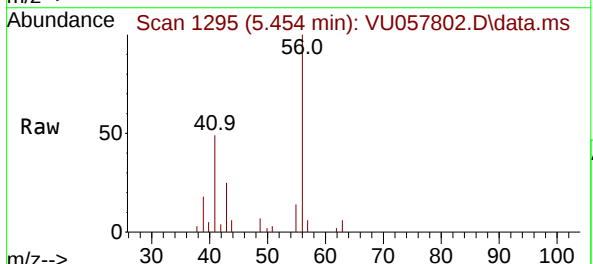
Manual Integrations
APPROVED

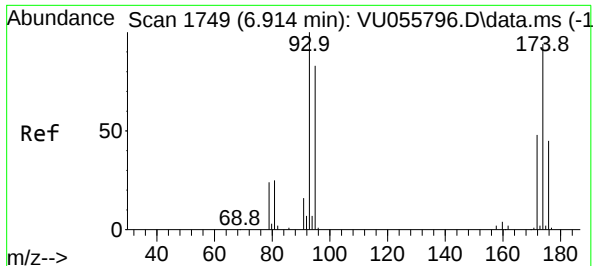
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 0.469 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.010 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion: 56 Resp: 10523
Ion Ratio Lower Upper
56 100
41 53.2 25.2 75.6





#43

Dibromomethane

Concen: 0.437 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.010 min

Lab File: VU057802.D

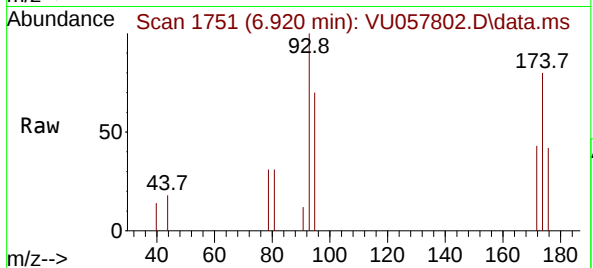
Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



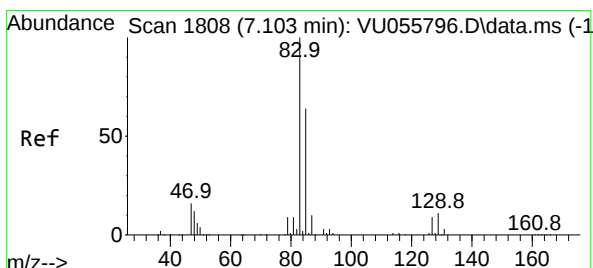
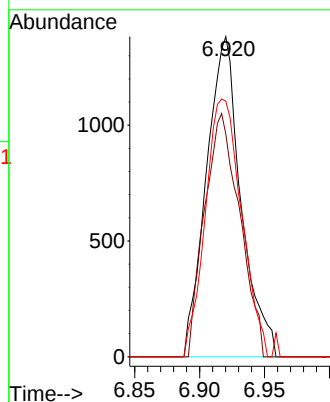
Tgt Ion:	93	Resp:	255
Ion	Ratio	Lower	Upper
93	100		
95	77.4	67.0	100.6
174	84.2	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 0.437 ug/l

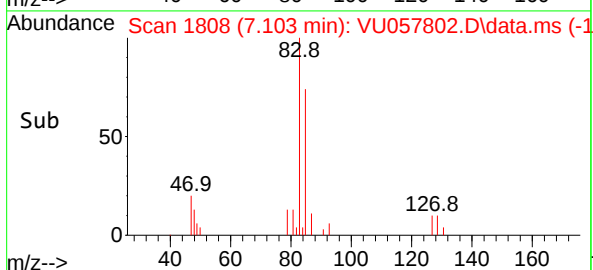
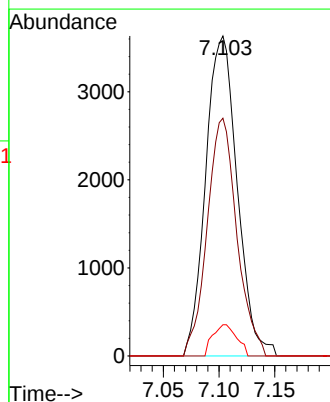
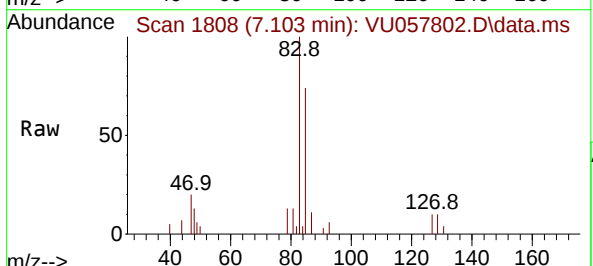
RT: 7.103 min Scan# 1808

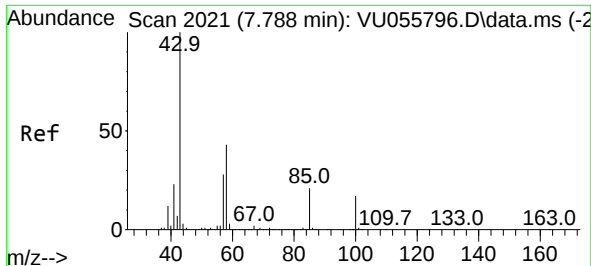
Delta R.T. 0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Tgt Ion:	83	Resp:	7151
Ion	Ratio	Lower	Upper
83	100		
85	74.3	51.9	77.9
127	9.7	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 2.440 ug/l

RT: 7.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

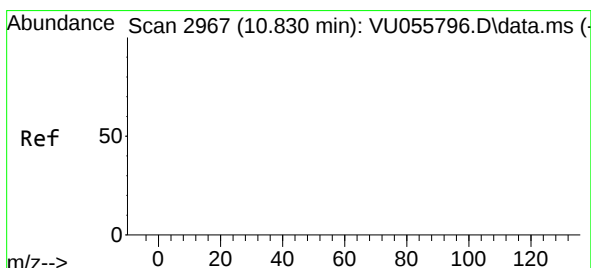
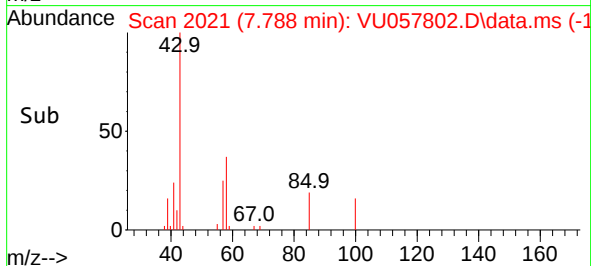
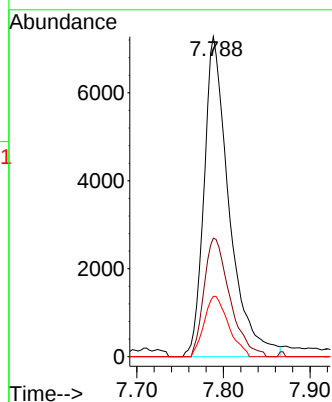
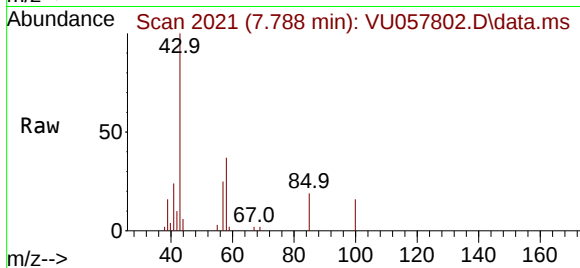
Tgt Ion:	43	Resp:	1464
Ion	Ratio	Lower	Upper
43	100		
58	38.1	20.9	62.8
85	18.2	14.6	21.8

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: 0.940 ug/l m

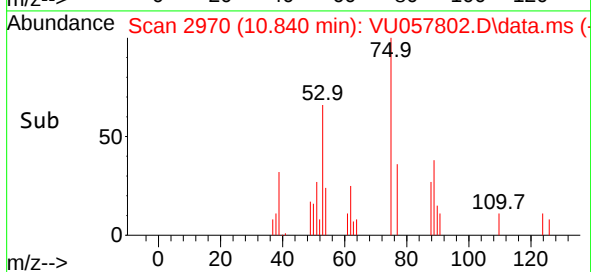
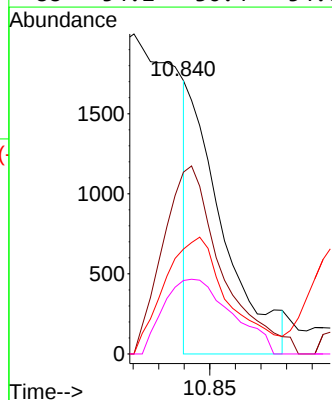
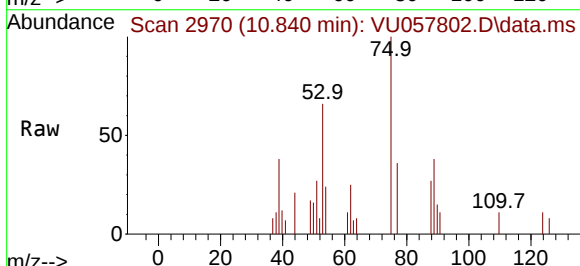
RT: 10.840 min Scan# 2970

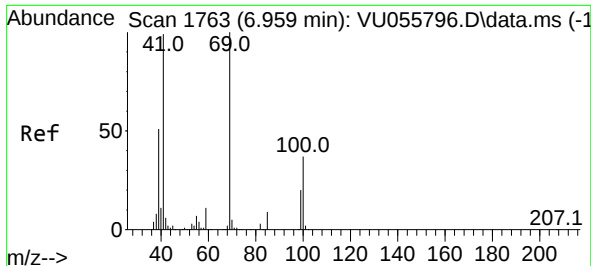
Delta R.T. 0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

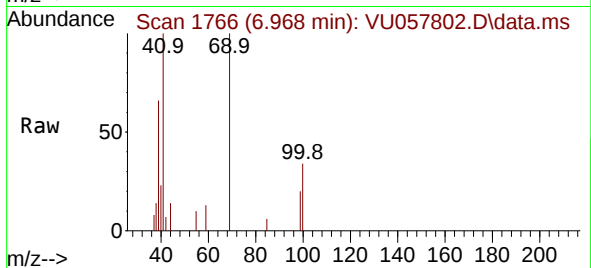
Tgt Ion:	75	Resp:	1590
Ion	Ratio	Lower	Upper
75	100		
53	118.5	73.3	109.9#
89	80.8	48.2	72.4#
88	54.2	36.4	54.6





#47
Methyl methacrylate
Concen: 0.876 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

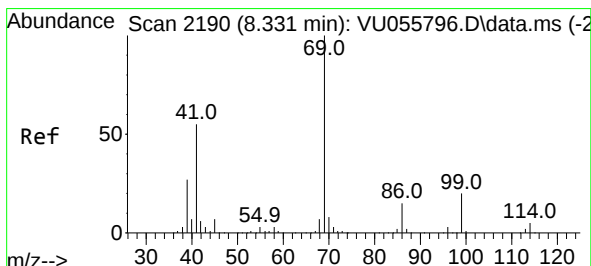
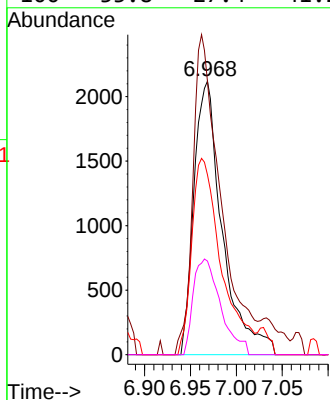
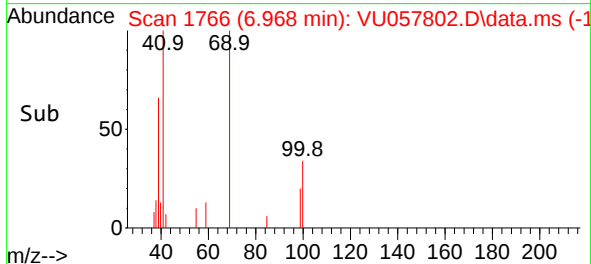
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 69 Resp: 455
Ion Ratio Lower Upper
69 100
41 115.2 0.0 209.2
39 74.5 46.7 70.1
100 33.8 27.4 41.2

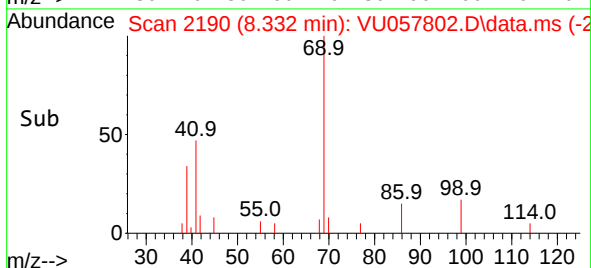
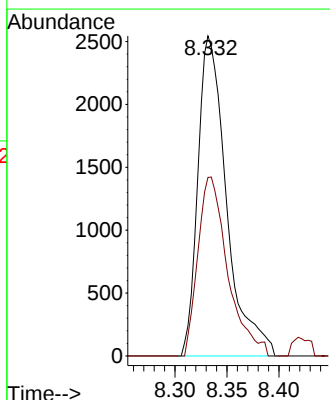
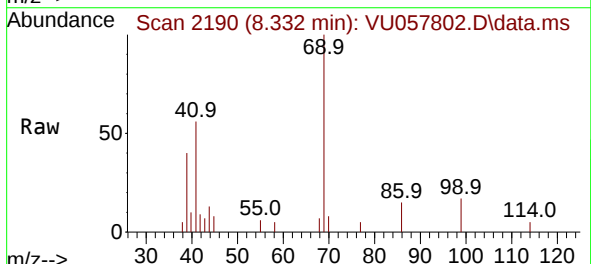
Manual Integrations
APPROVED

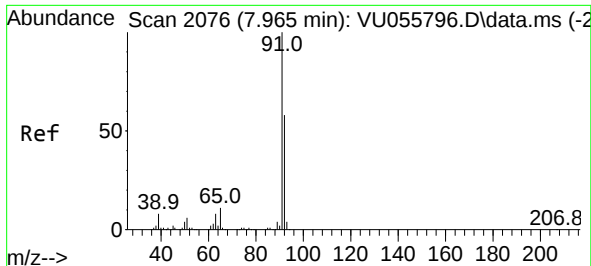
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 0.472 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion: 69 Resp: 4885
Ion Ratio Lower Upper
69 100
41 58.1 30.3 90.8





#49

Toluene

Concen: 0.446 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.007 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 1333

Ion Ratio Lower Upper

92 100

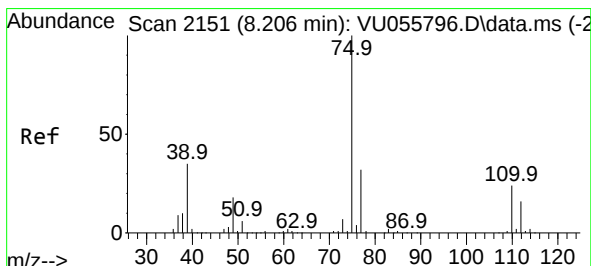
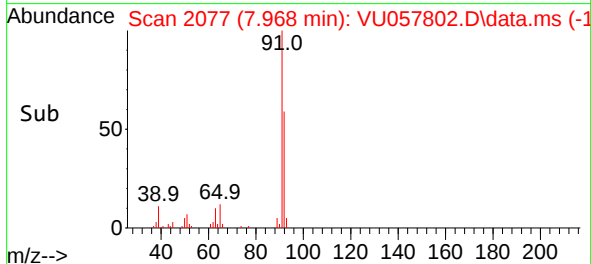
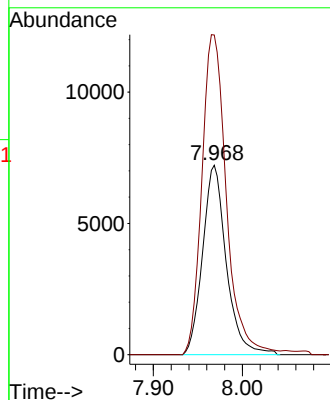
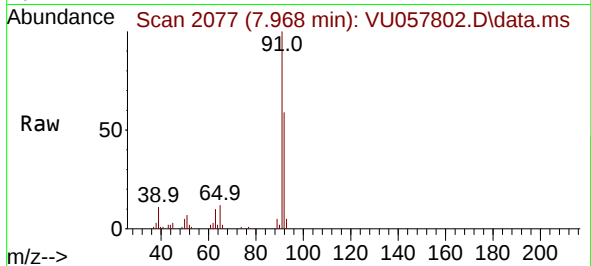
91 174.3 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 0.442 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057802.D

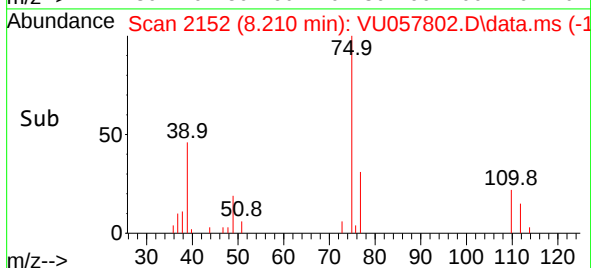
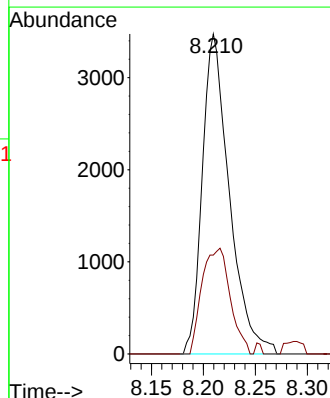
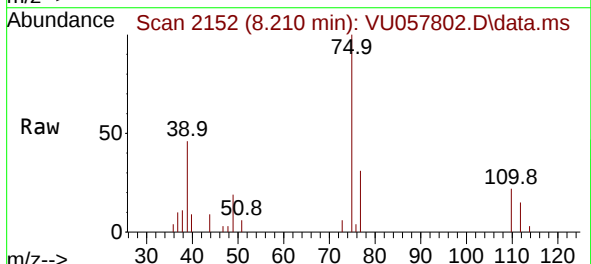
Acq: 05 Feb 2024 11:18

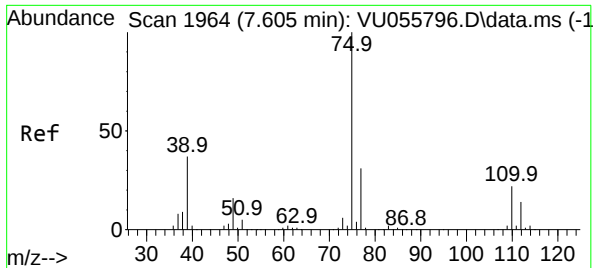
Tgt Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.470 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.007 min
 Lab File: VU057802.D
 Acq: 05 Feb 2024 11:18

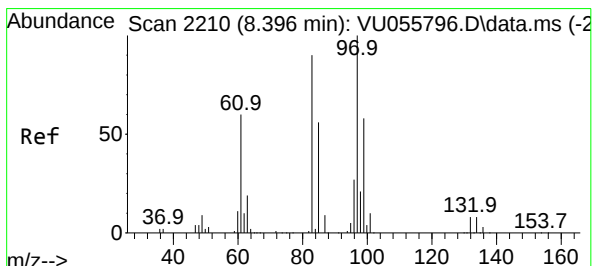
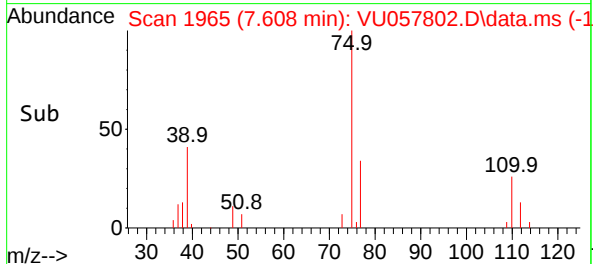
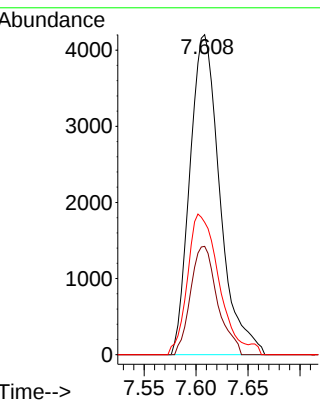
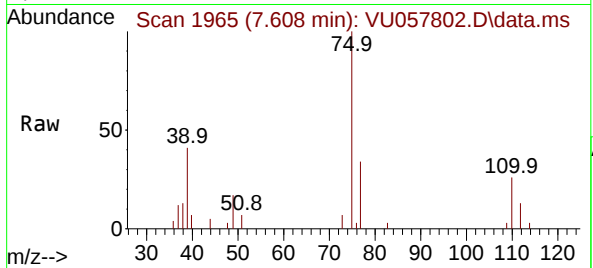
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.7	38.5
39	41.4	32.8	49.2

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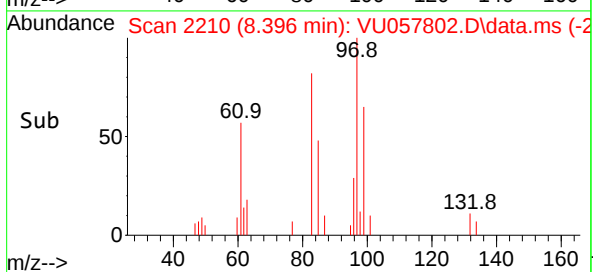
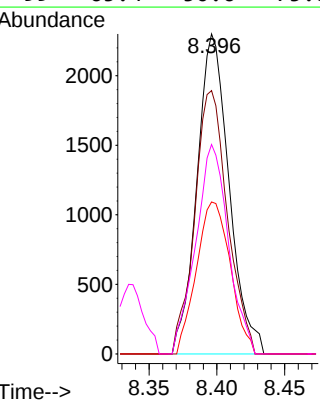
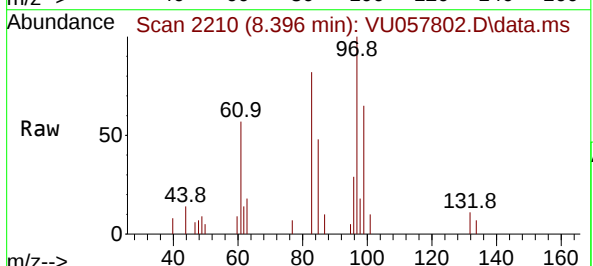
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

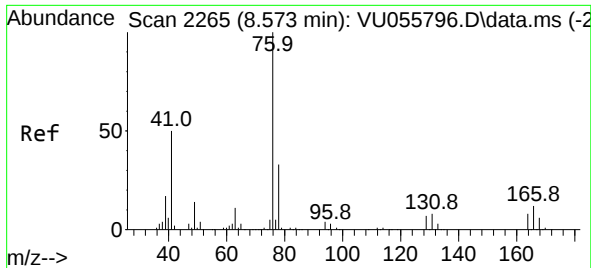


#52
 1,1,2-Trichloroethane
 Concen: 0.469 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057802.D
 Acq: 05 Feb 2024 11:18

Tgt Ion: 97 Resp: 3794

Ion	Ratio	Lower	Upper
97	100		
83	82.3	71.8	107.8
85	47.5	45.2	67.8
99	65.4	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.466 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 6798

Ion Ratio Lower Upper

76 100

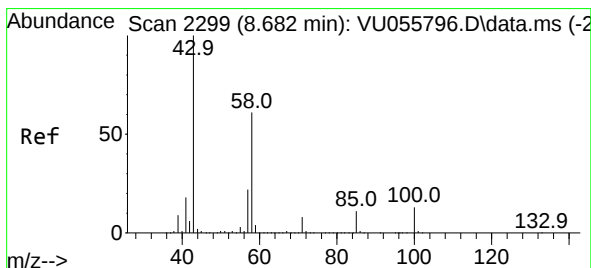
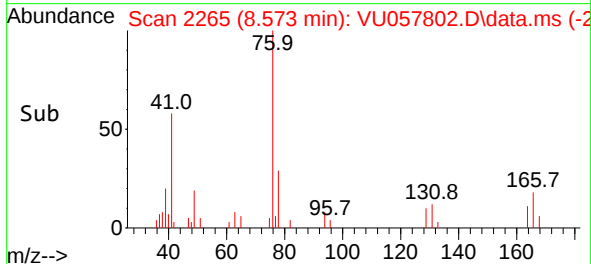
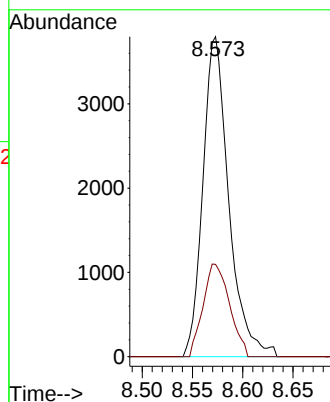
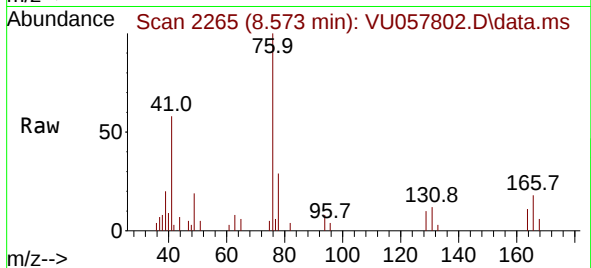
78 29.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#54

2-Hexanone

Concen: 2.577 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

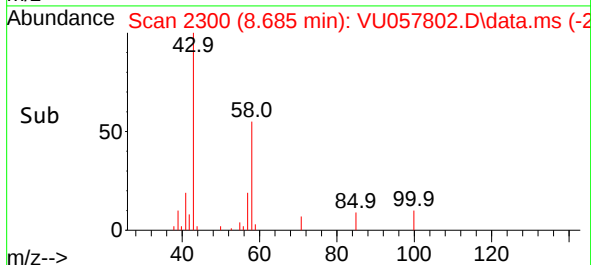
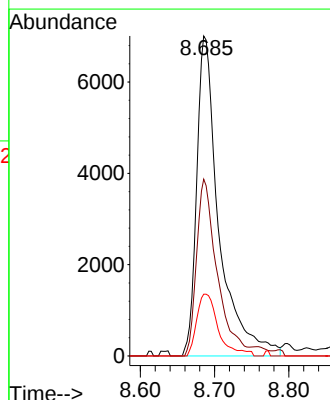
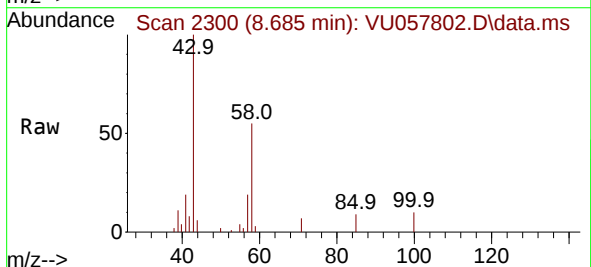
Tgt Ion: 43 Resp: 14635

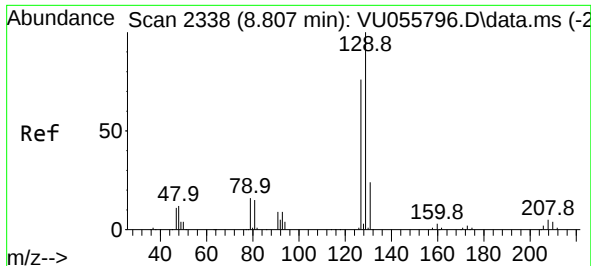
Ion Ratio Lower Upper

43 100

58 51.0 38.2 78.2

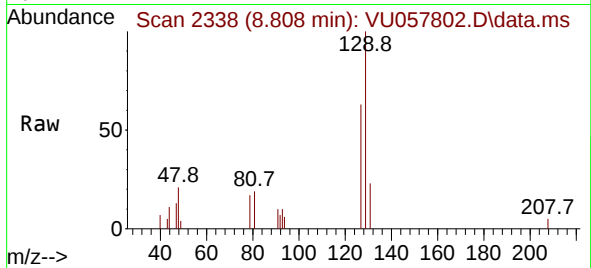
57 18.7 0.0 39.1





#55
Dibromochloromethane
Concen: 0.437 ug/l
RT: 8.808 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

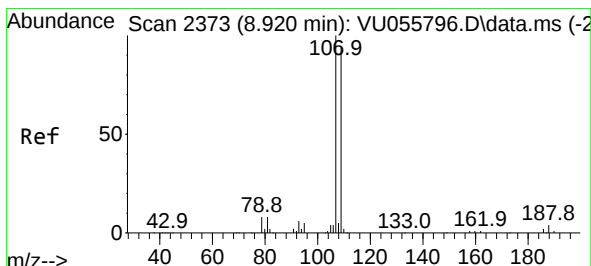
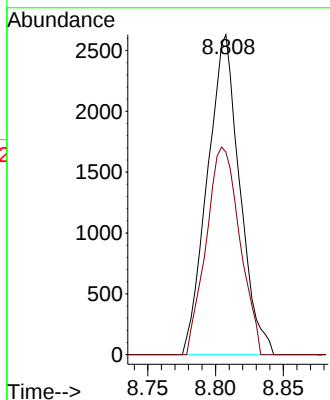
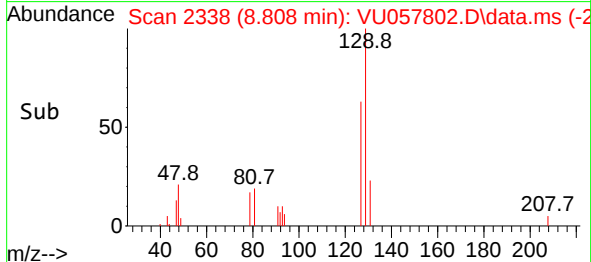
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



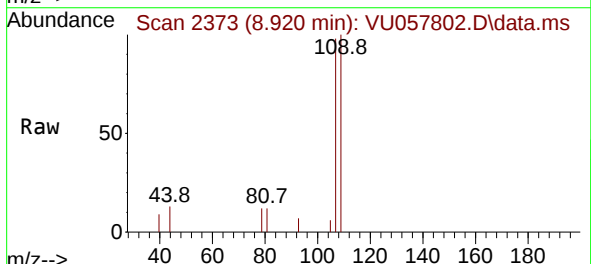
Tgt Ion:129 Resp: 4358
Ion Ratio Lower Upper
129 100
127 67.4 61.4 92.0

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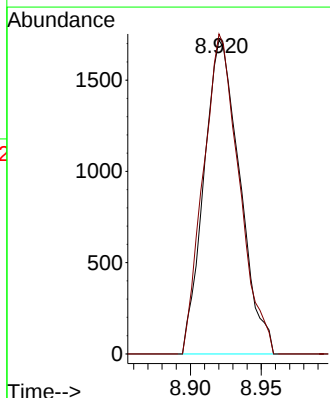
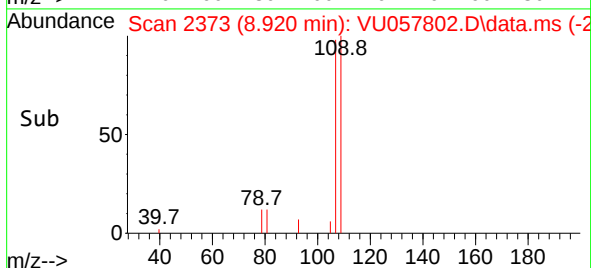
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

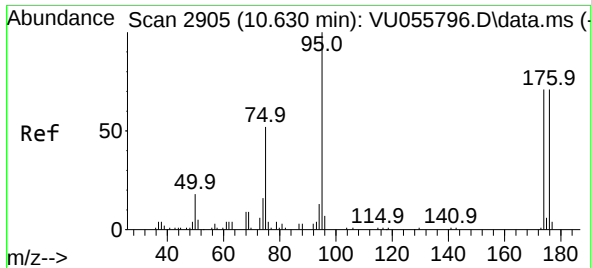


#56
1,2-Dibromoethane
Concen: 0.408 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



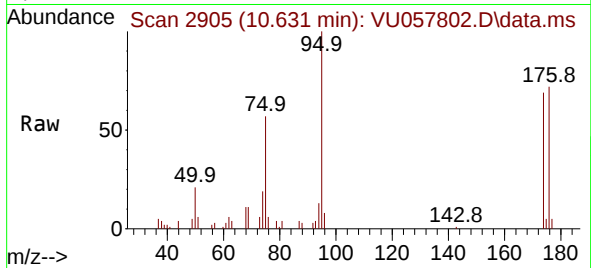
Tgt Ion:107 Resp: 3033
Ion Ratio Lower Upper
107 100
109 101.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

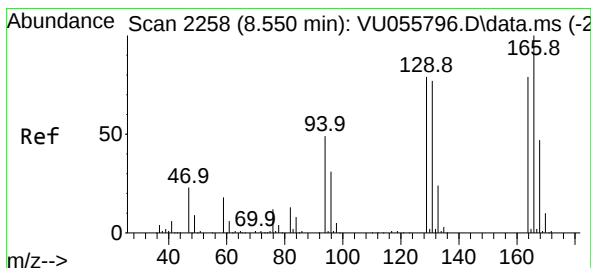
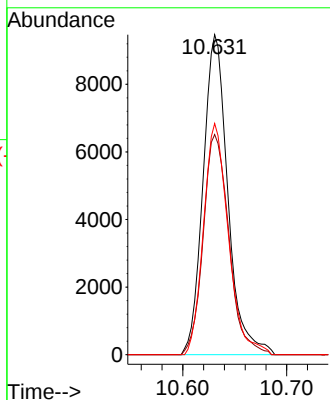
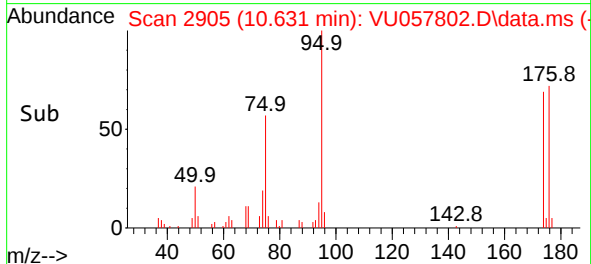
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 1565
Ion Ratio Lower Upper
95 100
174 71.4 63.3 94.9
176 72.7 59.3 88.9

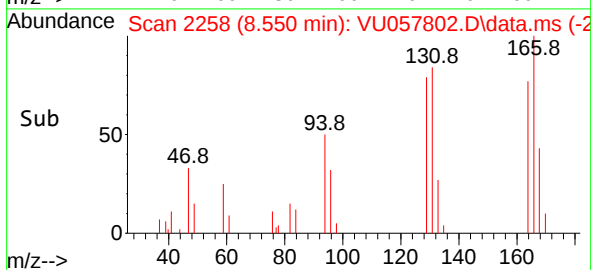
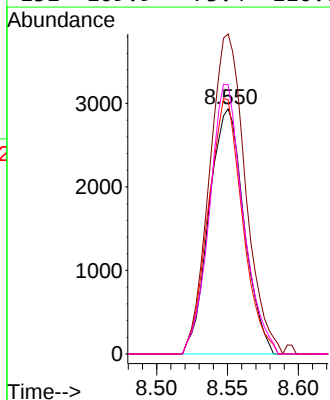
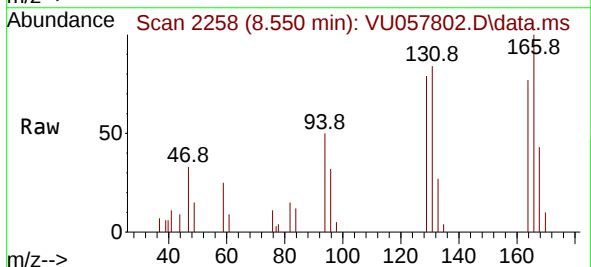
Manual Integrations
APPROVED

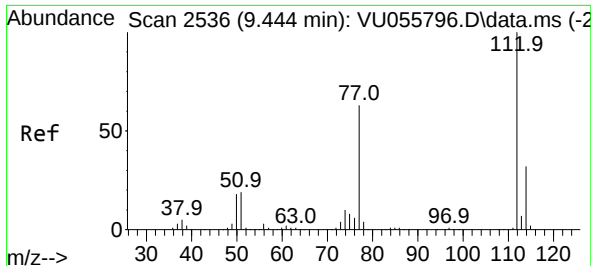
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 0.441 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

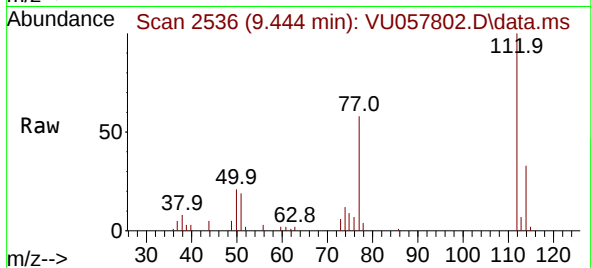
Tgt Ion:164 Resp: 5041
Ion Ratio Lower Upper
164 100
166 130.6 99.6 149.4
129 103.7 78.6 117.8
131 109.9 73.4 110.0





#59
Chlorobenzene
Concen: 0.442 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

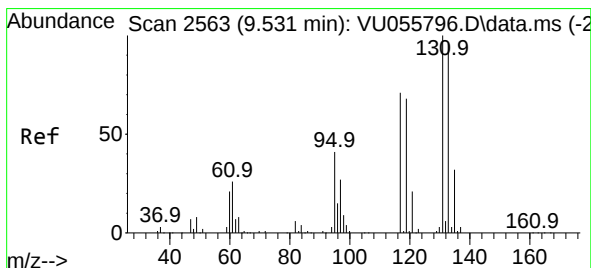
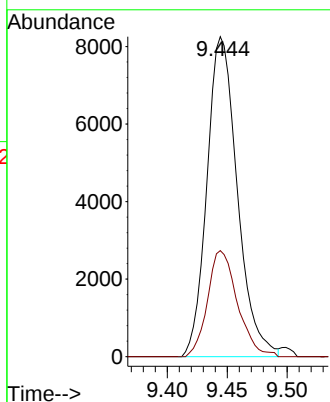
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:112 Resp: 14549
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

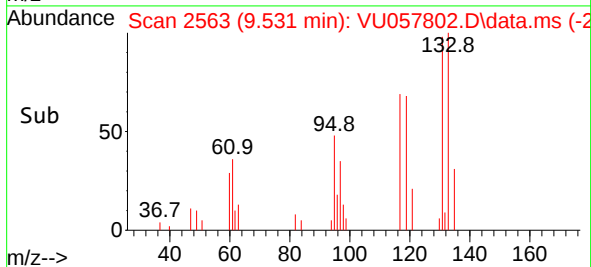
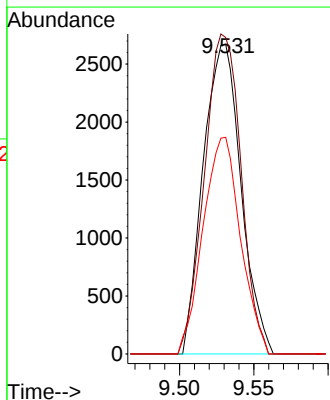
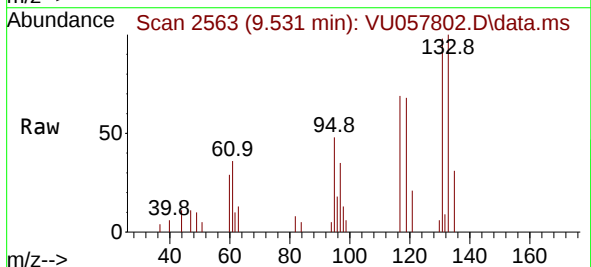
Manual Integrations
APPROVED

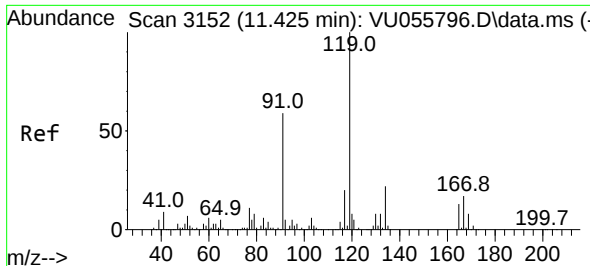
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.423 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:131 Resp: 4744
Ion Ratio Lower Upper
131 100
133 99.7 77.8 116.6
119 69.0 55.2 82.8





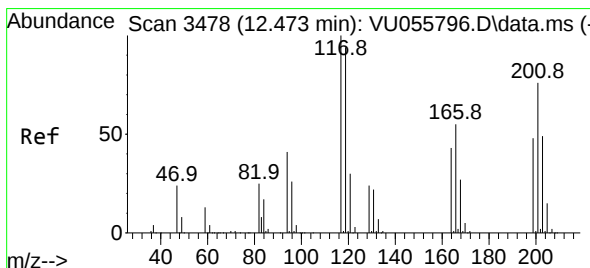
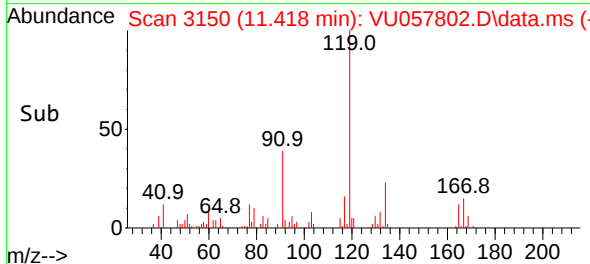
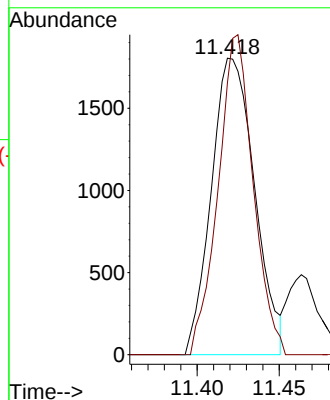
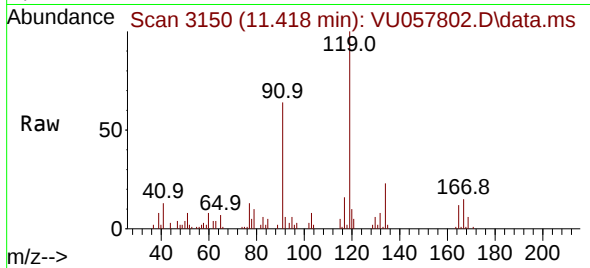
#61
Pentachloroethane
Concen: 0.411 ug/l
RT: 11.418 min Scan# 3152
Delta R.T. -0.006 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 3309
Ion Ratio Lower Upper
117 100
167 87.4 56.7 85.1

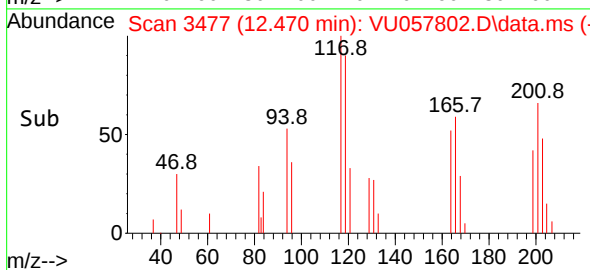
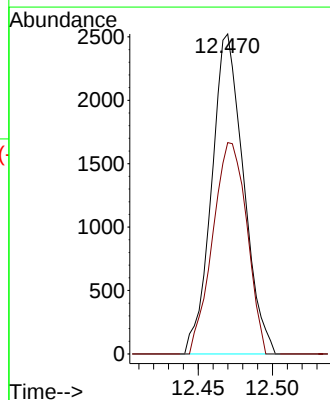
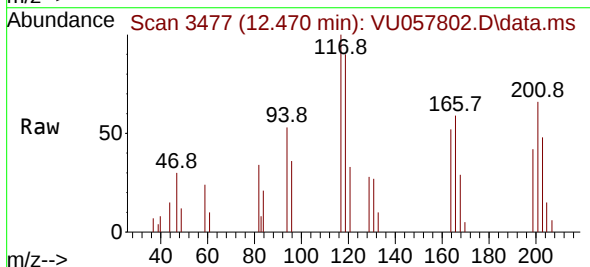
Manual Integrations
APPROVED

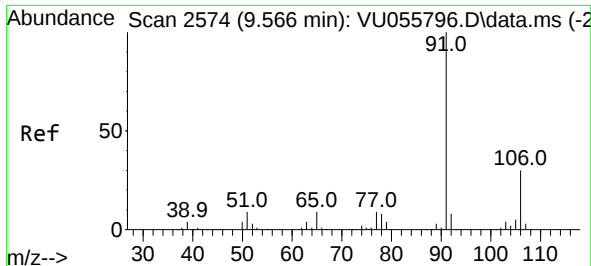
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 0.423 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:117 Resp: 3767
Ion Ratio Lower Upper
117 100
201 70.6 59.6 89.4





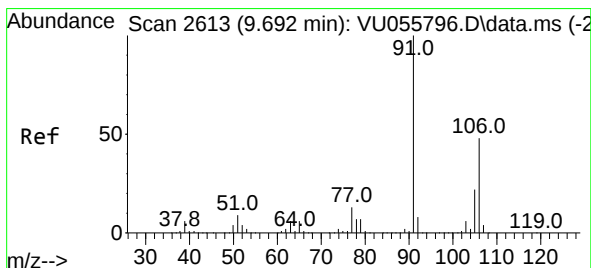
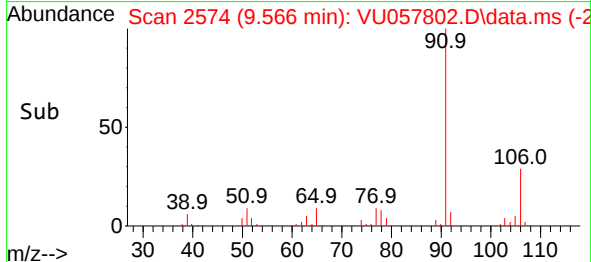
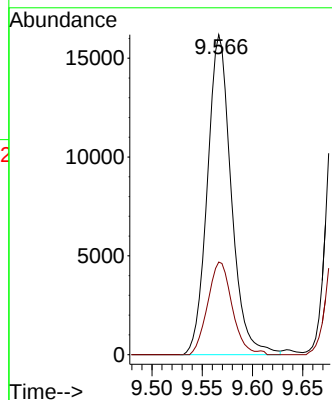
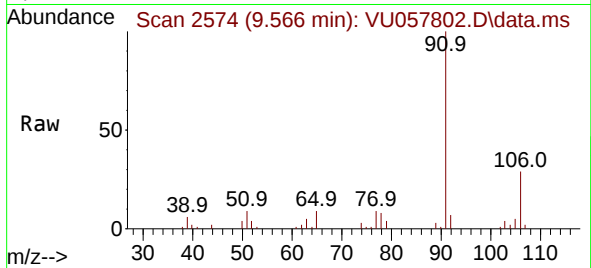
#63
Ethyl Benzene
Concen: 0.456 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 2671
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.2

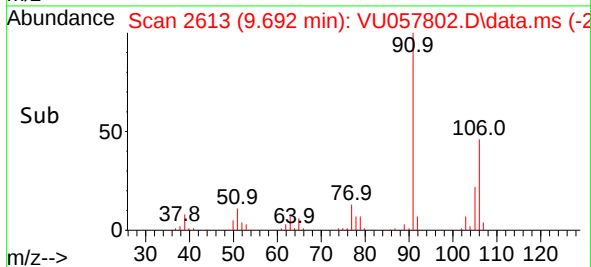
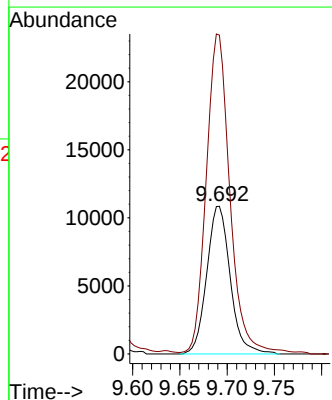
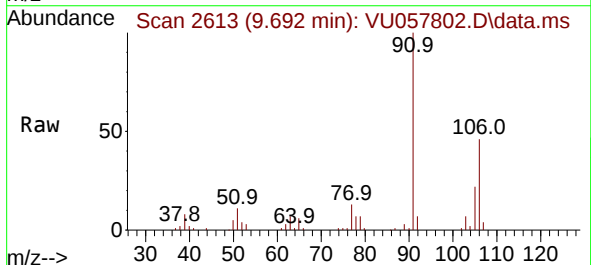
Manual Integrations
APPROVED

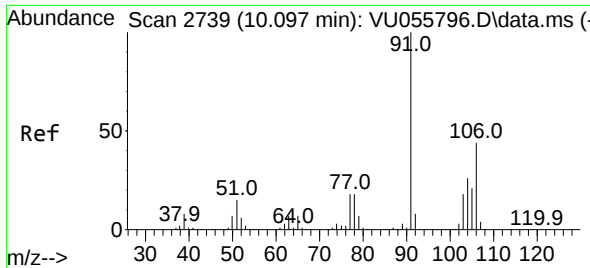
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 0.882 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:106 Resp: 18752
Ion Ratio Lower Upper
106 100
91 219.3 167.3 250.9





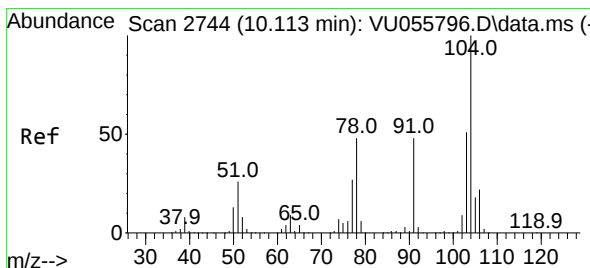
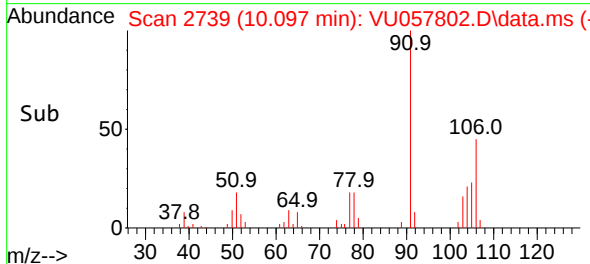
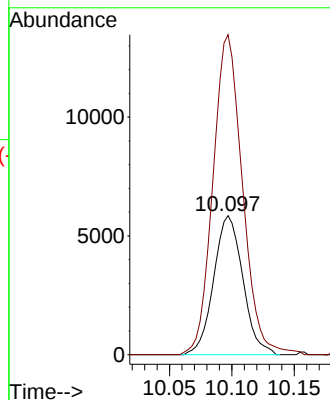
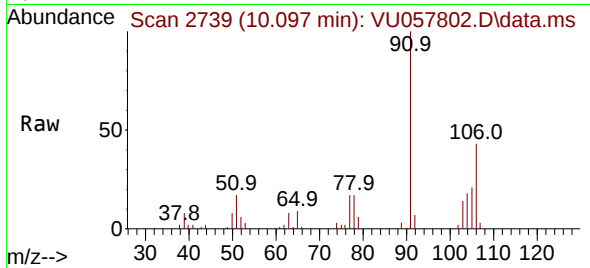
#65
o-Xylene
Concen: 0.453 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:106 Resp: 953
Ion Ratio Lower Upper
106 100
91 233.2 109.3 327.9

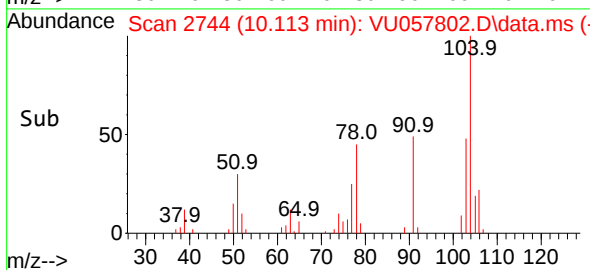
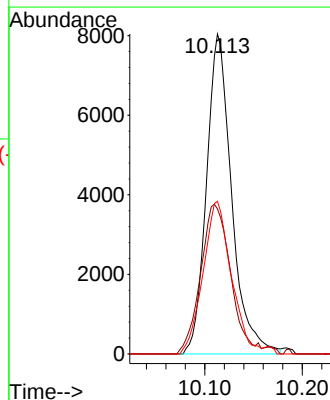
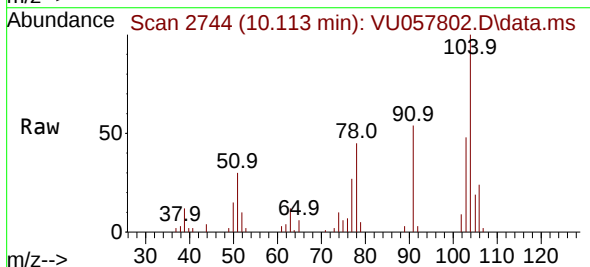
Manual Integrations
APPROVED

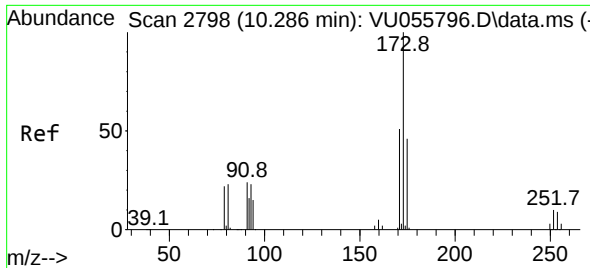
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 0.459 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:104 Resp: 14435
Ion Ratio Lower Upper
104 100
78 55.8 39.7 59.5
103 53.4 44.8 67.2





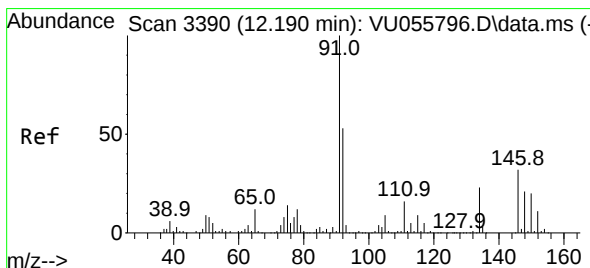
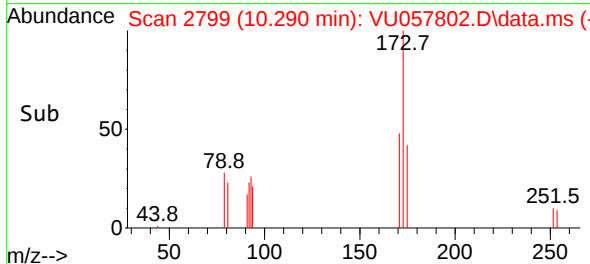
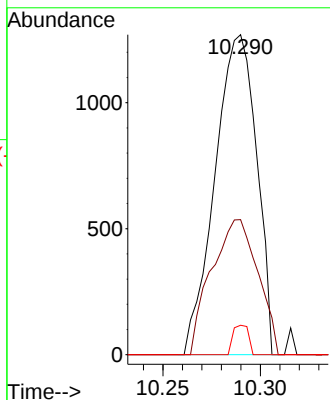
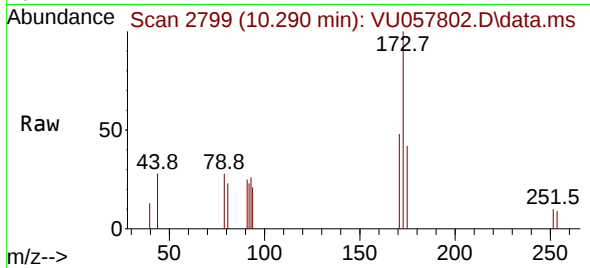
#67
Bromoform
Concen: 0.372 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 1880
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.6
254 3.4 7.4 11.0

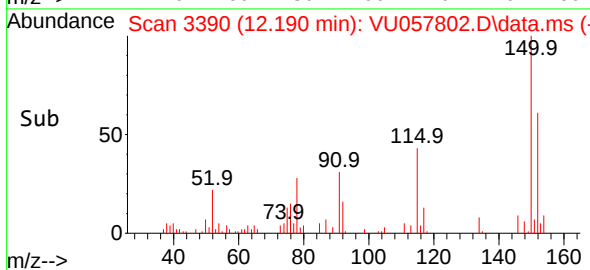
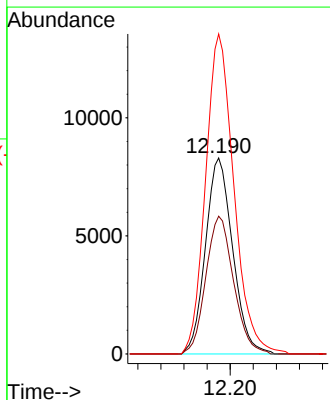
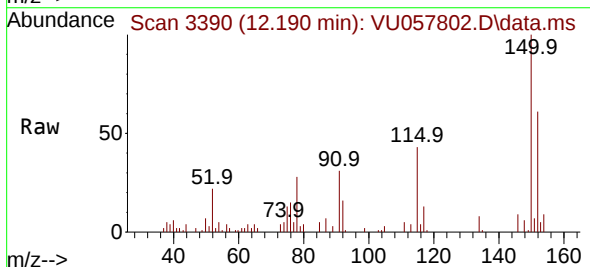
Manual Integrations
APPROVED

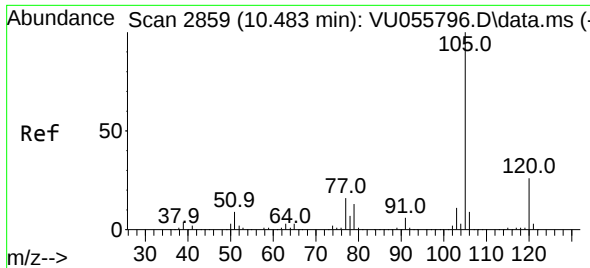
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.931 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:152 Resp: 13600
Ion Ratio Lower Upper
152 100
115 71.4 0.0 308.8
150 169.5 0.0 635.0





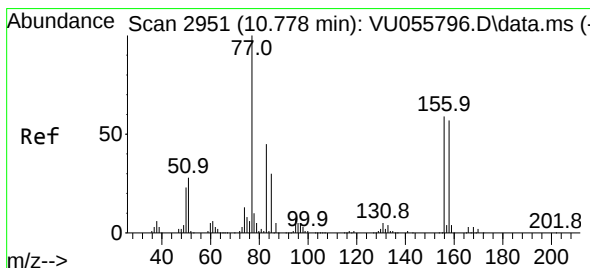
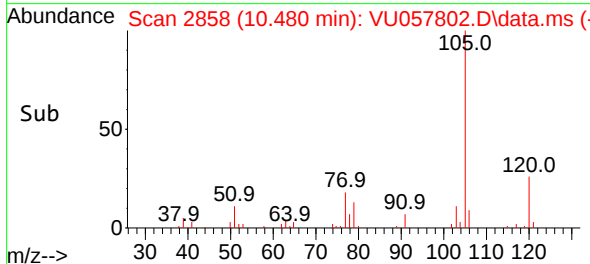
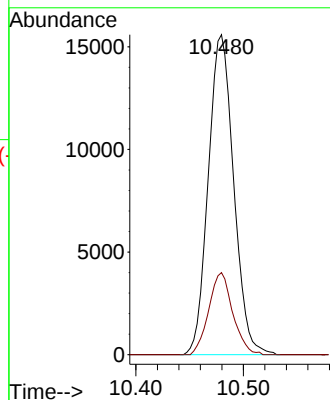
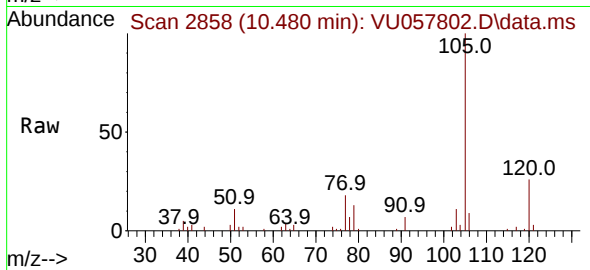
#69
Isopropylbenzene
Concen: 0.464 ug/l
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 2557
Ion Ratio Lower Upper
105 100
120 24.2 12.8 38.4

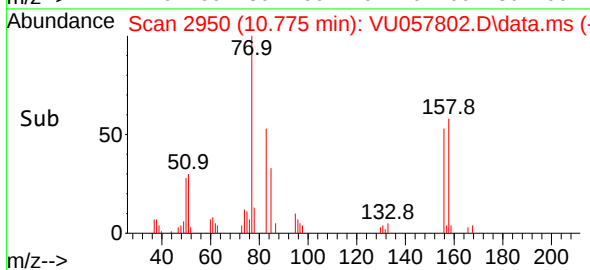
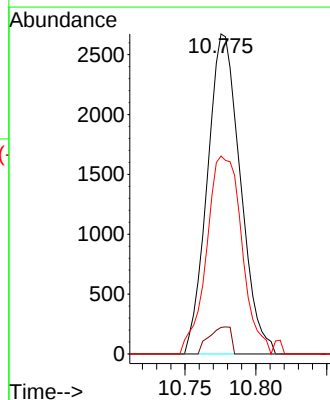
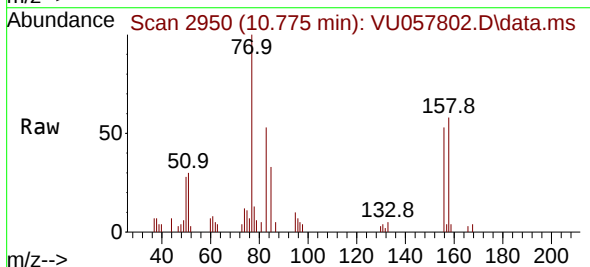
Manual Integrations
APPROVED

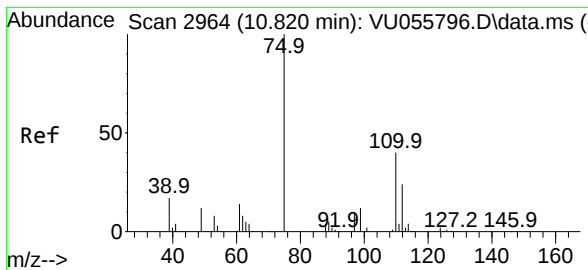
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

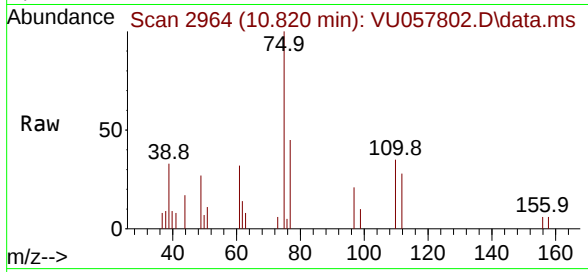
Tgt Ion: 83 Resp: 4318
Ion Ratio Lower Upper
83 100
131 5.7 7.2 10.8#
85 66.2 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.464 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.013 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

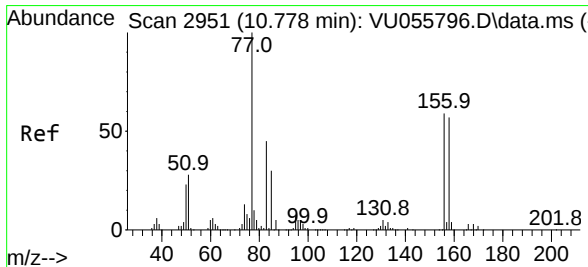
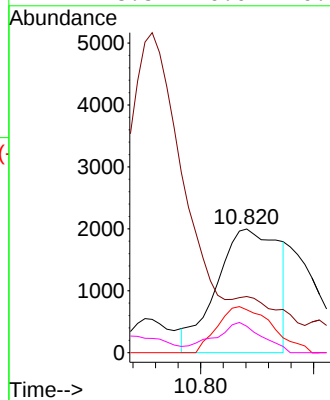
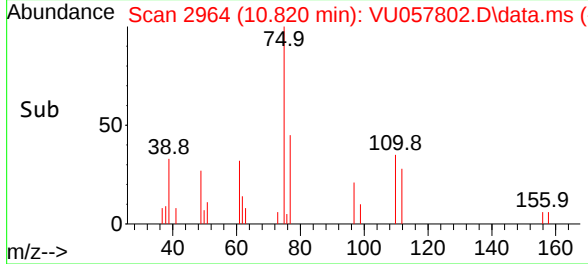
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



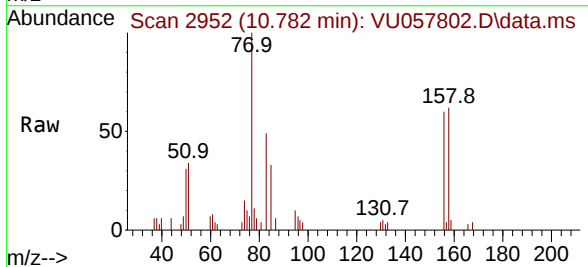
Tgt Ion:	75	Resp:	3809
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	32.7	0.0	74.6
97	18.8	0.0	40.0

Manual Integrations
APPROVED

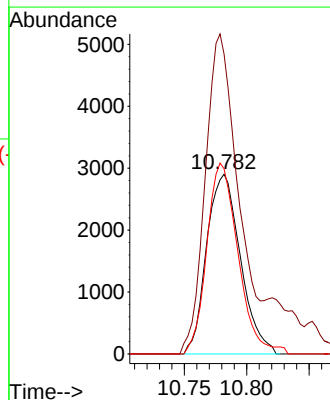
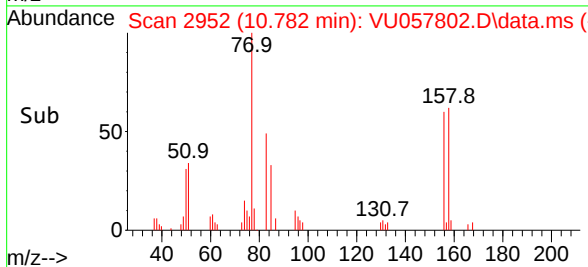
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

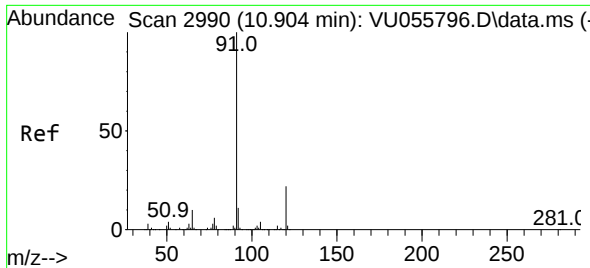


#72
Bromobenzene
Concen: 0.455 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion:	156	Resp:	5475
Ion Ratio	Lower	Upper	
156	100		
77	174.7	0.0	343.0
158	98.4	0.0	194.8





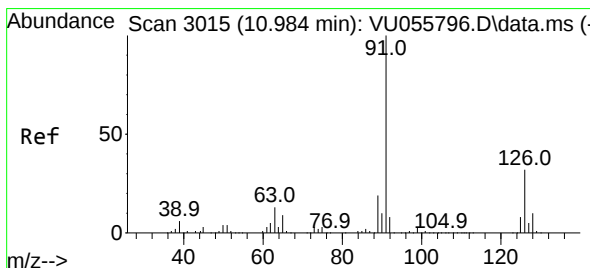
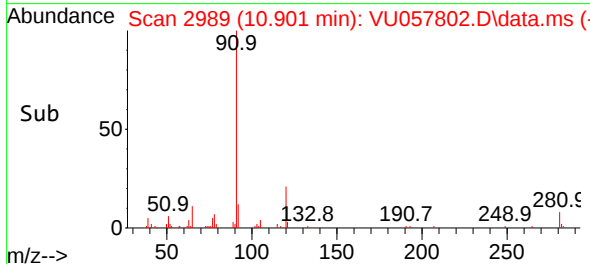
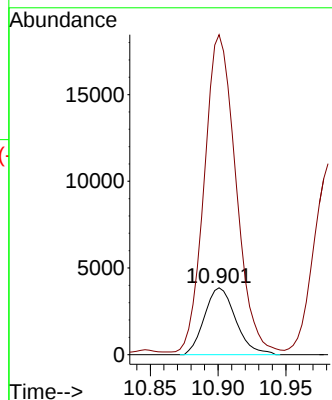
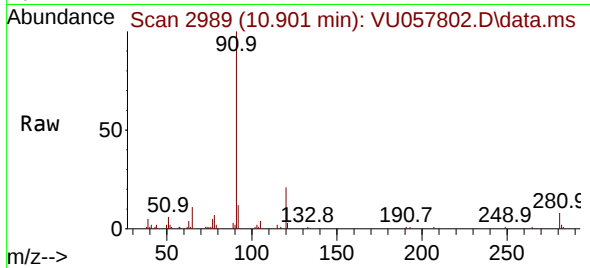
#73
n-propylbenzene
Concen: 0.444 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 617
Ion Ratio Lower Upper
120 100
91 478.1 369.8 554.6

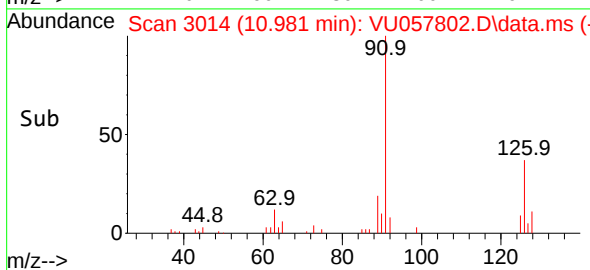
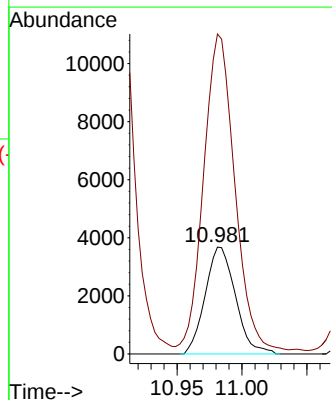
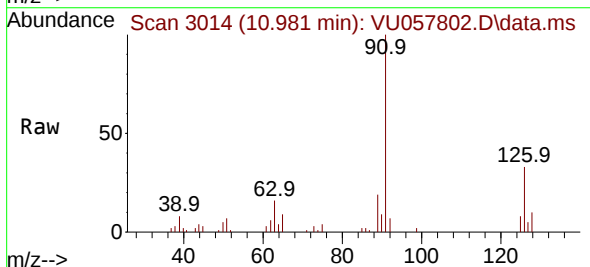
Manual Integrations
APPROVED

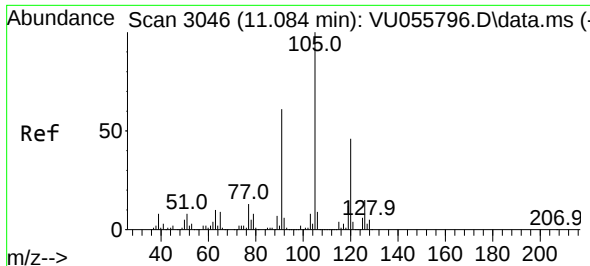
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 0.466 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

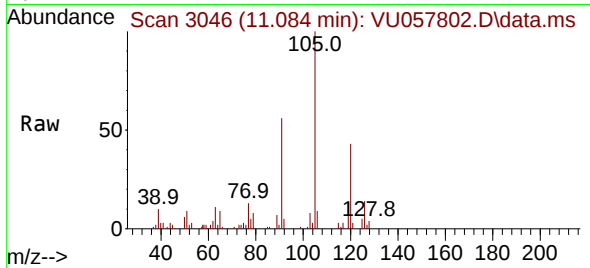
Tgt Ion:126 Resp: 5952
Ion Ratio Lower Upper
126 100
91 301.0 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.446 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

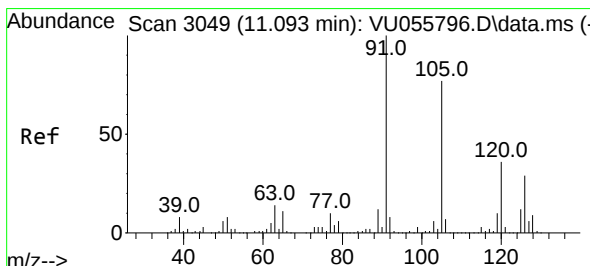
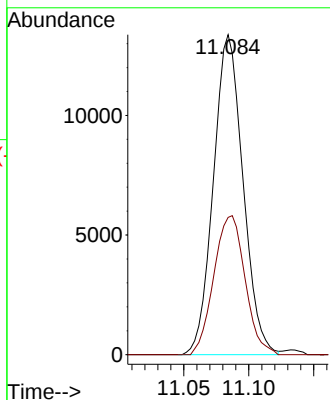
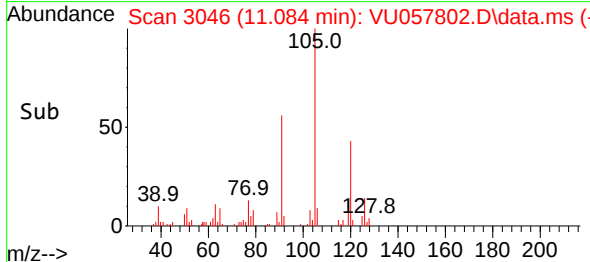
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



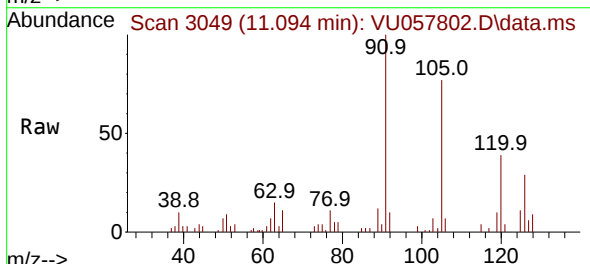
Tgt Ion:105 Resp: 21156
Ion Ratio Lower Upper
105 100
120 45.8 37.8 56.8

Manual Integrations
APPROVED

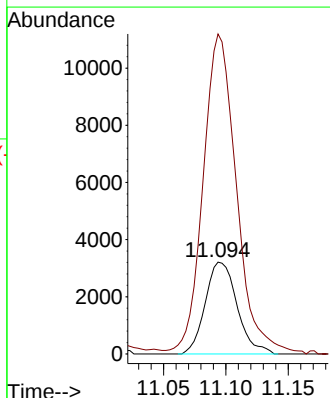
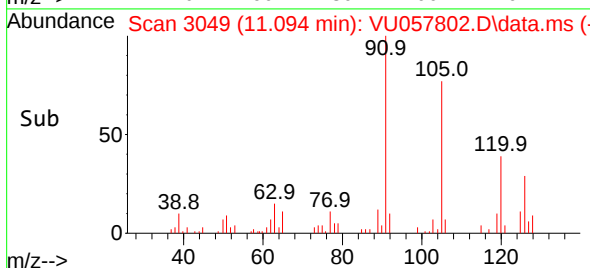
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

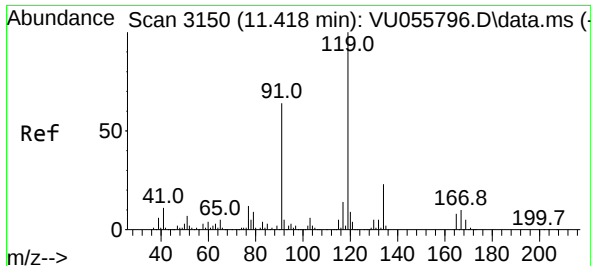


#76
4-Chlorotoluene
Concen: 0.443 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion:126 Resp: 5709
Ion Ratio Lower Upper
126 100
91 365.6 0.0 686.2





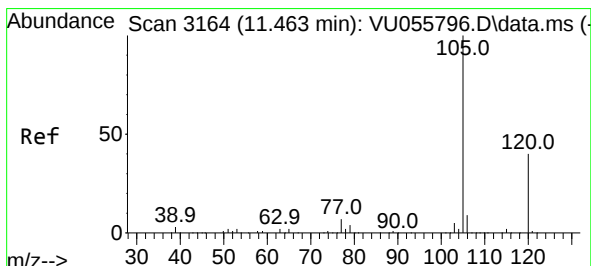
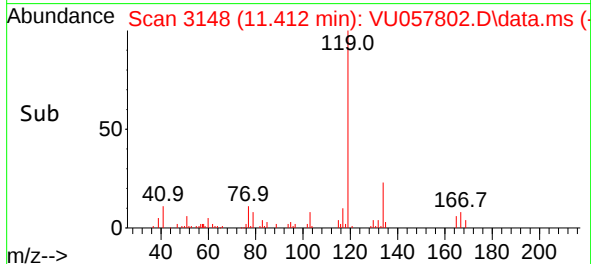
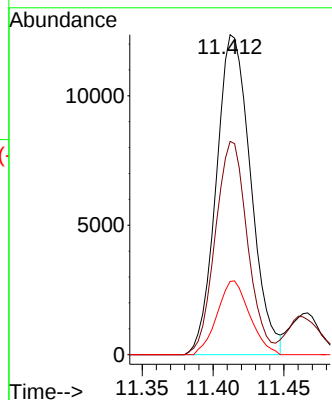
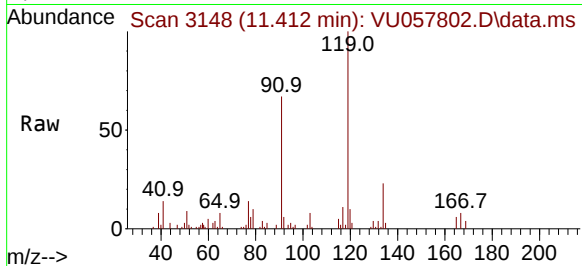
#77
tert-Butylbenzene
Concen: 0.470 ug/l
RT: 11.412 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 20932
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.4
134 21.8 18.0 27.0

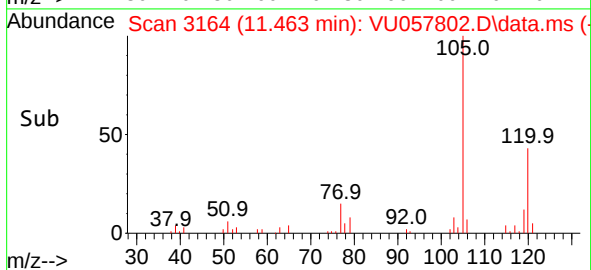
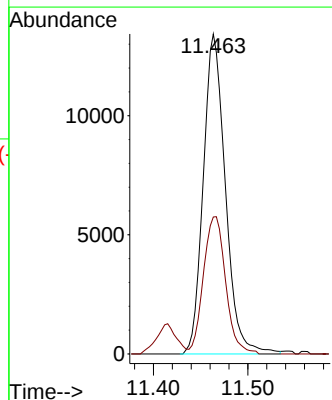
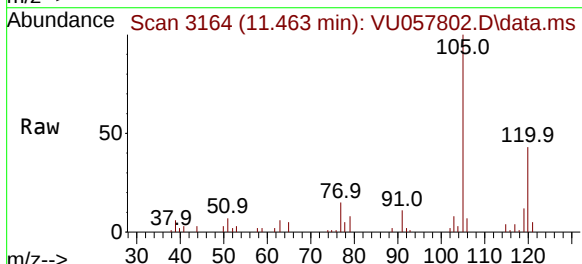
Manual Integrations
APPROVED

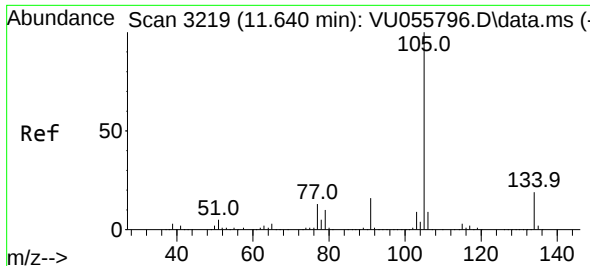
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.454 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

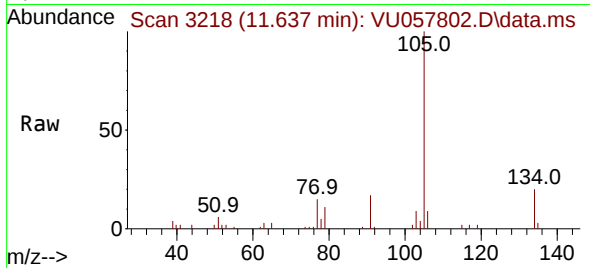
Tgt Ion:105 Resp: 21809
Ion Ratio Lower Upper
105 100
120 43.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.466 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057802.D
 Acq: 05 Feb 2024 11:18

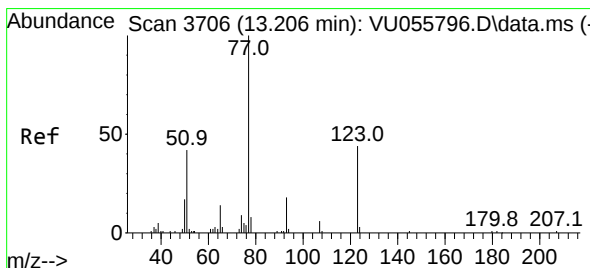
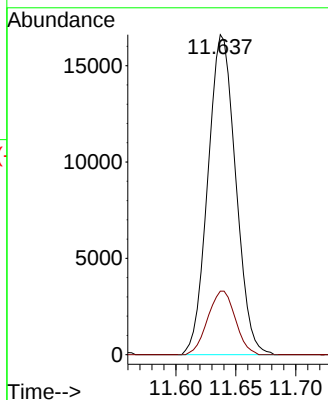
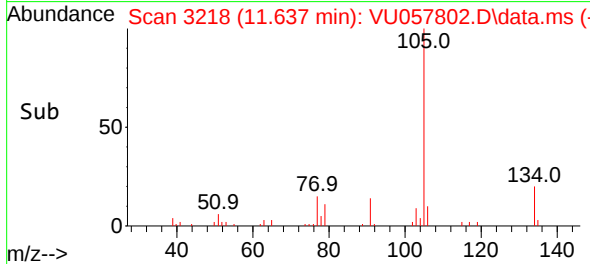
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



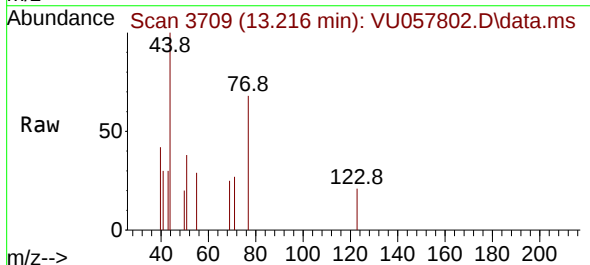
Tgt Ion:105 Resp: 2678
 Ion Ratio Lower Upper
 105 100
 134 19.7 14.9 22.3

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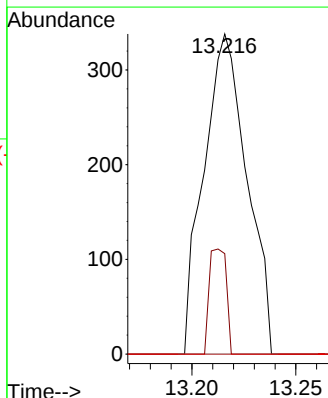
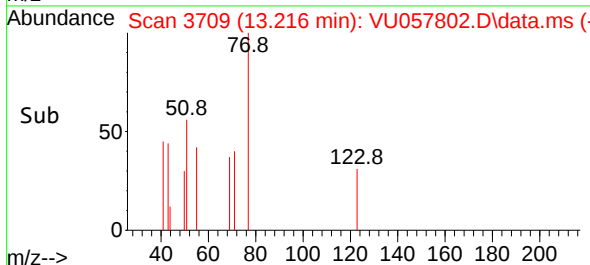
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

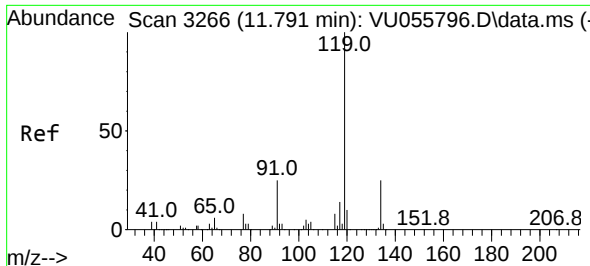


#80
 Nitrobenzene
 Concen: 2.347 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU057802.D
 Acq: 05 Feb 2024 11:18



Tgt Ion: 77 Resp: 489
 Ion Ratio Lower Upper
 77 100
 123 12.9 19.7 69.7#
 65 0.0 11.5 14.7#





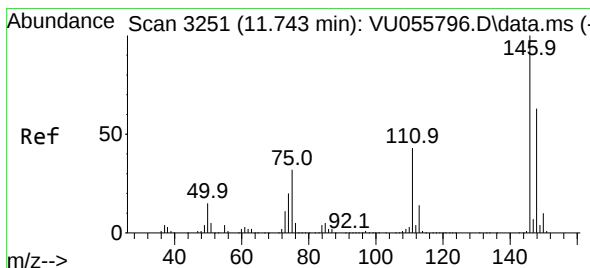
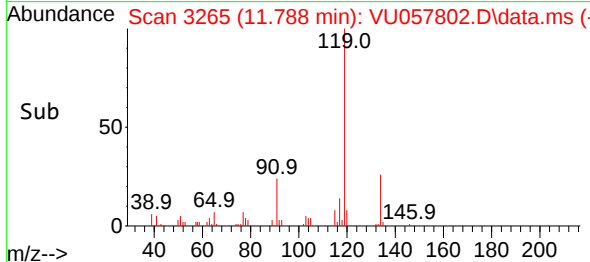
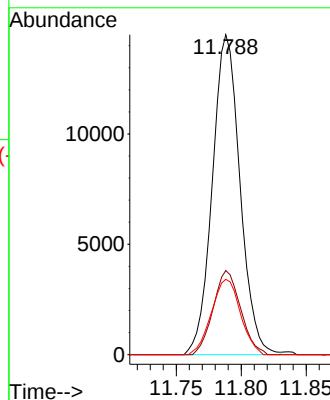
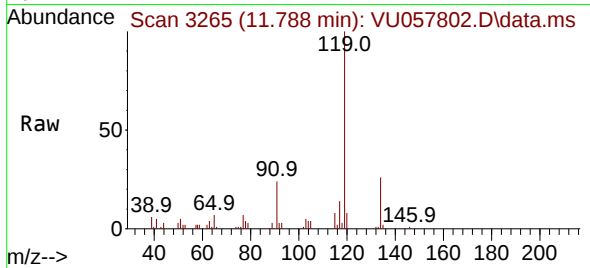
#81
p-Isopropyltoluene
Concen: 0.447 ug/l
RT: 11.788 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 2144
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 24.7 19.3 28.9

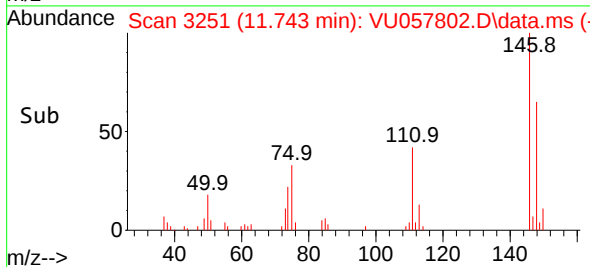
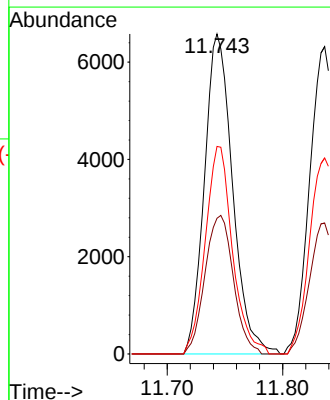
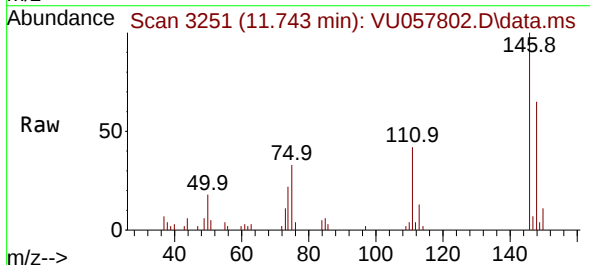
Manual Integrations
APPROVED

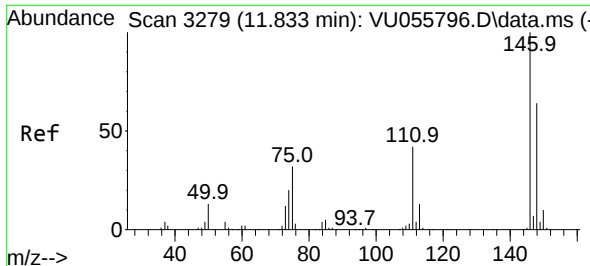
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 0.456 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

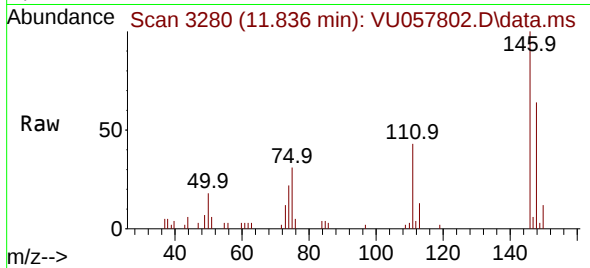
Tgt Ion:146 Resp: 11133
Ion Ratio Lower Upper
146 100
111 43.8 32.6 49.0
148 62.8 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.457 ug/l
RT: 11.836 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

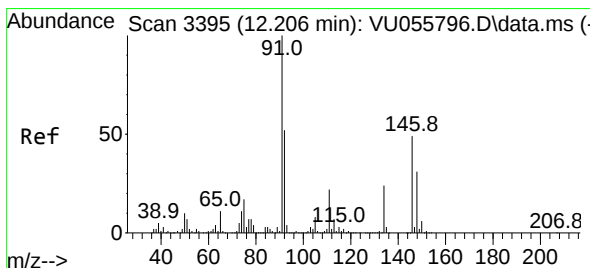
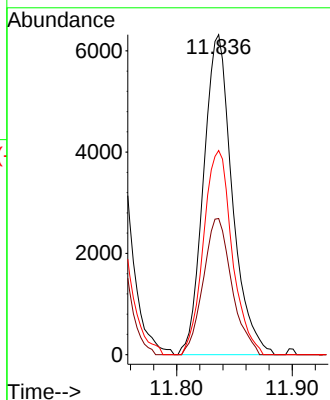
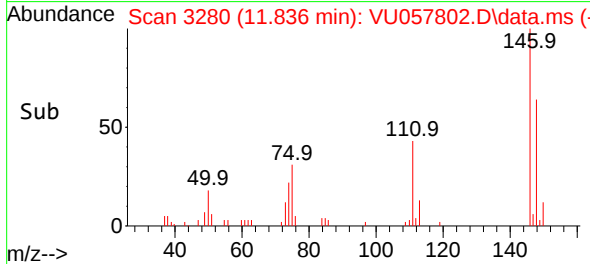
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



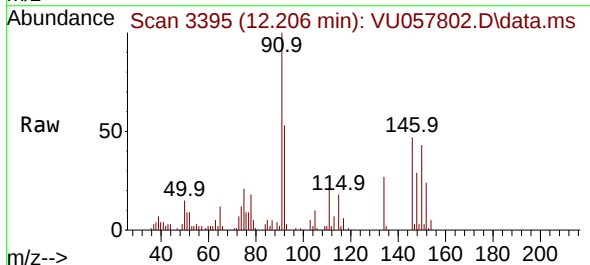
Tgt Ion:146 Resp: 1091
Ion Ratio Lower Upper
146 100
111 42.3 31.6 47.4
148 63.8 50.3 75.5

Manual Integrations
APPROVED

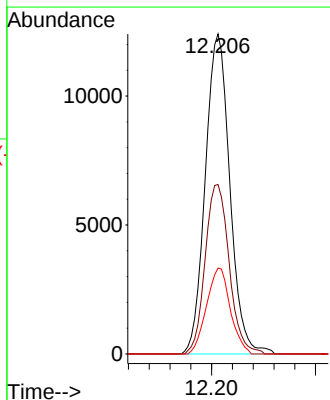
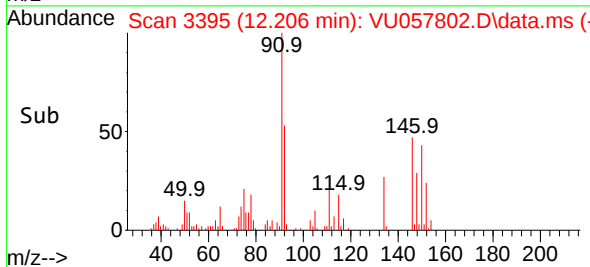
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

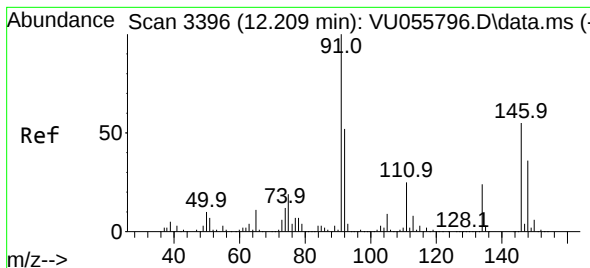


#84
n-Butylbenzene
Concen: 0.446 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18



Tgt Ion: 91 Resp: 20322
Ion Ratio Lower Upper
91 100
92 51.9 40.8 61.2
134 26.0 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.464 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

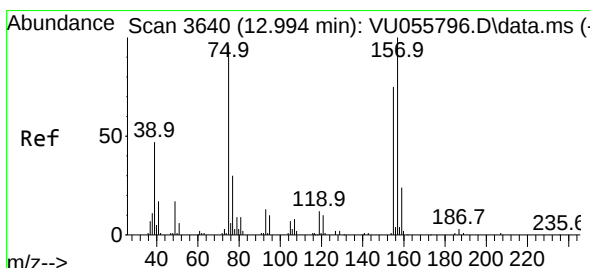
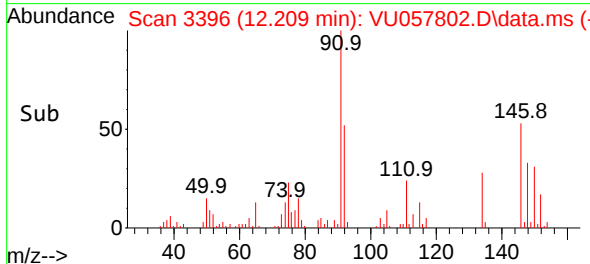
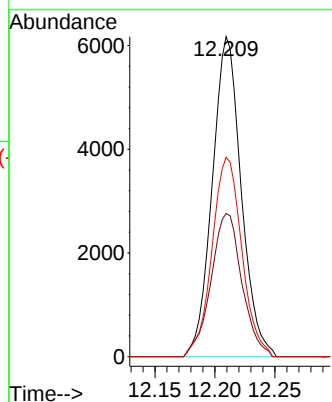
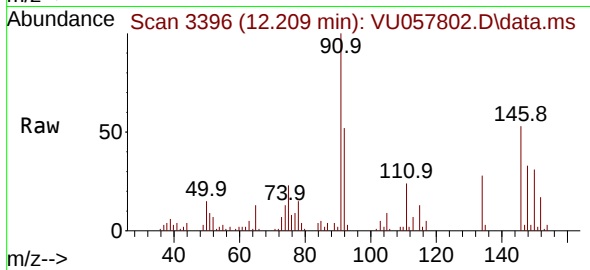
Tgt Ion:	146	Resp:	1033
Ion Ratio	Lower	Upper	
146	100		
111	47.9	21.6	64.6
148	64.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.532 ug/l

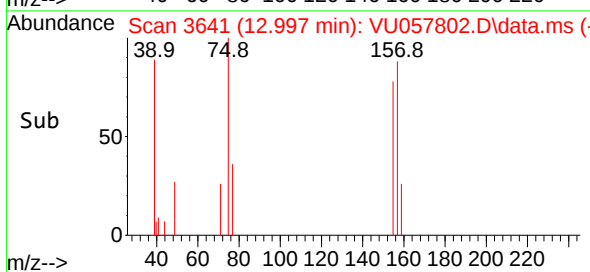
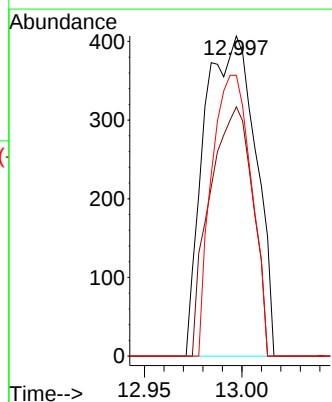
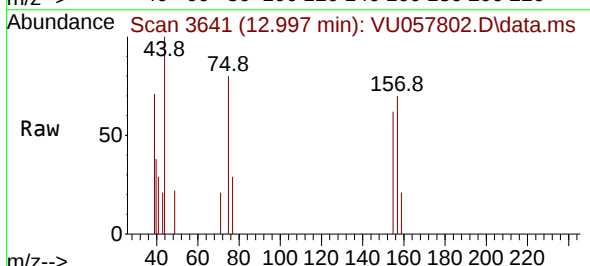
RT: 12.997 min Scan# 3641

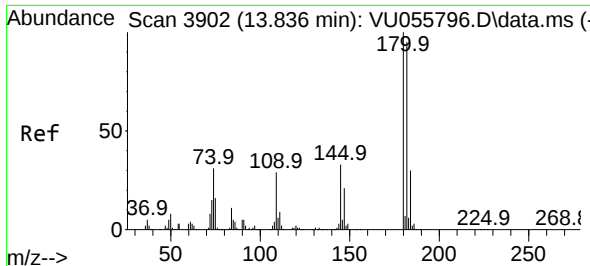
Delta R.T. 0.003 min

Lab File: VU057802.D

Acq: 05 Feb 2024 11:18

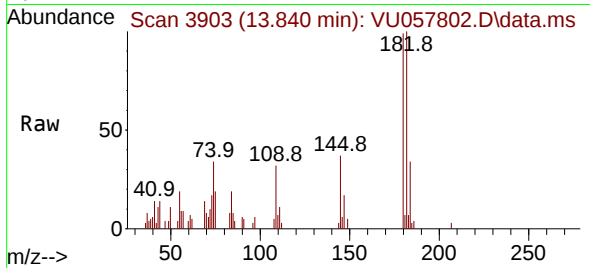
Tgt Ion:	75	Resp:	744
Ion Ratio	Lower	Upper	
75	100		
155	65.2	61.8	92.8
157	67.5	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.440 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

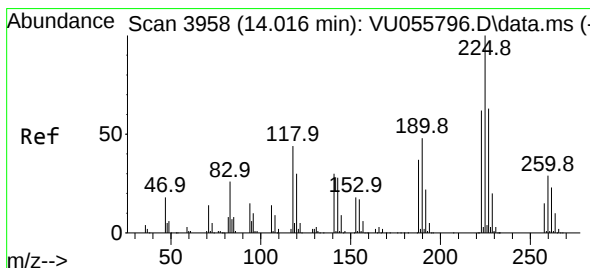
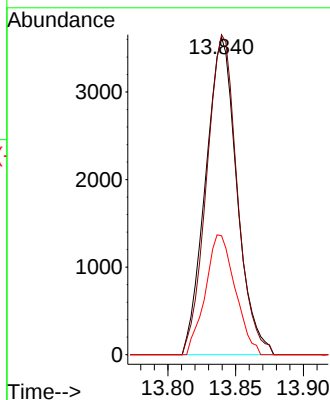
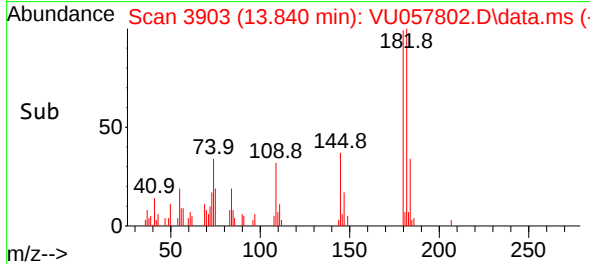
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:180 Resp: 582
Ion Ratio Lower Upper
180 100
182 98.2 75.8 113.6
145 35.9 23.9 35.9

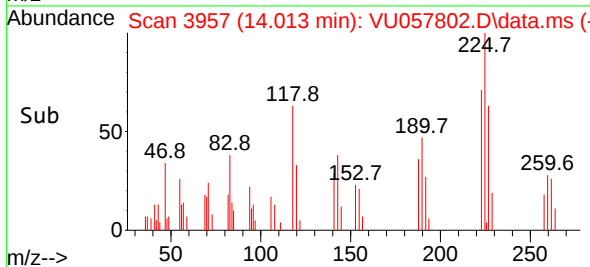
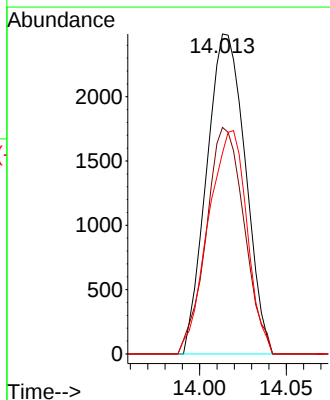
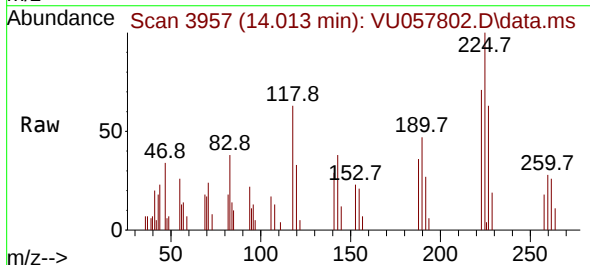
Manual Integrations
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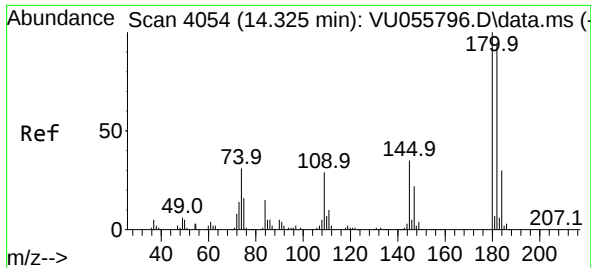
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 0.453 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU057802.D
Acq: 05 Feb 2024 11:18

Tgt Ion:225 Resp: 3859
Ion Ratio Lower Upper
225 100
223 69.6 50.2 75.4
227 69.9 51.5 77.3





#90

1,2,3-Trichlorobenzene

Concen: 0.462 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057802.D

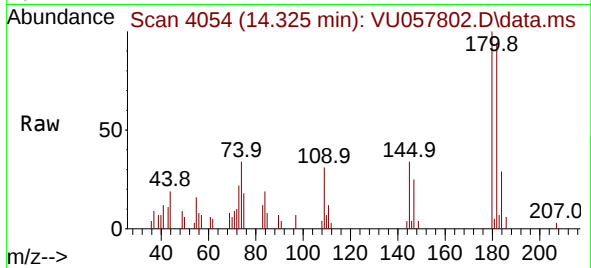
Acq: 05 Feb 2024 11:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 5138

Ion Ratio Lower Upper

180 100

182 92.9 75.7 113.5

145 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024

