

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057815.D
 Acq On : 06 Feb 2024 11:16
 Operator : MD/SY
 Sample : VU0206WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 02:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	44788	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15283	0.930	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13662	0.940	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	28784	1.965	ug/l	100
3) Chloromethane	1.518	50	29086	2.069	ug/l	98
4) Vinyl Chloride	1.602	62	29703	2.046	ug/l	98
5) Bromomethane	1.856	94	18828	2.148	ug/l	98
6) Chloroethane	1.930	64	19228	2.058	ug/l	98
7) Trichlorofluoromethane	2.129	101	45145	2.053	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	21862	1.989	ug/l	94
9) 1,1-Dichloroethene	2.570	96	21498	1.994	ug/l	98
10) Iodomethane	2.711	142	34400	1.985	ug/l	93
11) Allyl Chloride	2.914	41	32902	2.000	ug/l	89
12) Acrylonitrile	3.319	53	9549	4.197	ug/l	# 95
13) Acetone	2.644	43	37438	8.401	ug/l	99
14) Carbon Disulfide	2.782	76	68880	1.999	ug/l	99
15) Methylene Chloride	3.033	84	27745	2.004	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	23865	2.040	ug/l	89
17) 1,1-Dichloroethane	3.856	63	48919	2.081	ug/l	99
18) 2-Butanone	4.721	43	42356	9.480	ug/l	100
19) Cyclohexane	5.373	56	37909	2.052	ug/l	96
20) Methylcyclohexane	6.753	83	42062	1.967	ug/l	99
21) 2,2-Dichloropropane	4.653	77	43258	2.043	ug/l	96
22) cis-1,2-Dichloroethene	4.660	96	25255	1.960	ug/l	88
23) Diethyl Ether	2.367	59	17646	2.121	ug/l	98
24) tert-Butyl Alcohol	3.255	59	8650m	14.333	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	58519	2.132	ug/l	96
26) Bromochloromethane	4.965	128	10126	2.019	ug/l	91
27) Chloroform	5.081	83	48867	2.084	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	43125	2.030	ug/l	98
29) 1,1-Dichloropropene	5.515	75	34961	2.003	ug/l	96
30) Carbon Tetrachloride	5.512	117	36469	2.004	ug/l	99
31) Isopropyl Ether	3.988	45	75749	2.099	ug/l	94
32) Ethyl-t-butyl ether	4.499	59	74008	2.085	ug/l	96
33) Tert-Amyl methyl ether	5.943	73	61004	2.053	ug/l	99
34) Propionitrile	4.795	54	9877	11.846	ug/l	# 9
35) Benzene	5.766	78	101980	2.040	ug/l	100
36) 1,2-Dichloroethane	5.788	62	29900	2.046	ug/l	98
37) Trichloroethene	6.534	130	25731	1.999	ug/l	95
38) 1,2-Dichloropropane	6.785	63	27285	2.064	ug/l	100
39) Methacrylonitrile	4.978	41	8152	2.244	ug/l	# 88
40) Methyl acrylate	4.849	55	11741	1.940	ug/l	# 96
41) Tetrahydrofuran	5.068	42	8162	4.508	ug/l	91
42) 1-Chlorobutane	5.447	56	46840	2.021	ug/l	97
43) Dibromomethane	6.914	93	12922	2.129	ug/l	95
44) Bromodichloromethane	7.100	83	32409	1.965	ug/l	98

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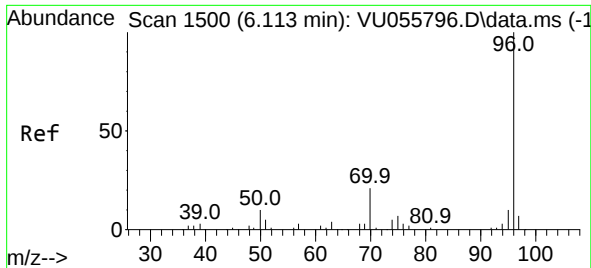
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 07 02:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	68464	10.091	ug/l	98
46) t-1,4-Dichloro-2-butene	10.839	75	6264m	3.442	ug/l	
47) Methyl methacrylate	6.965	69	22812	4.100	ug/l	91
48) Ethyl methacrylate	8.335	69	22293	1.997	ug/l	93
49) Toluene	7.965	92	61630	2.039	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	29580	1.972	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	36805	1.967	ug/l	92
52) 1,1,2-Trichloroethane	8.396	97	16987	2.033	ug/l	92
53) 1,3-Dichloropropane	8.573	76	31262	2.061	ug/l	100
54) 2-Hexanone	8.692	43	59578	9.069	ug/l	97
55) Dibromochloromethane	8.804	129	20275	2.032	ug/l	99
56) 1,2-Dibromoethane	8.920	107	16053	2.051	ug/l	97
58) Tetrachloroethene	8.547	164	22571	2.022	ug/l	96
59) Chlorobenzene	9.441	112	66892	2.013	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	22439	1.969	ug/l	99
61) Pentachloroethane	11.421	117	16962	2.019	ug/l	91
62) Hexachloroethane	12.470	117	18376	1.888	ug/l	97
63) Ethyl Benzene	9.566	91	118600	1.983	ug/l	99
64) m/p-Xylenes	9.688	106	87351	3.986	ug/l	96
65) o-Xylene	10.097	106	43256	1.987	ug/l	95
66) Styrene	10.110	104	66495	1.978	ug/l	96
67) Bromoform	10.286	173	9781	1.948	ug/l	99
69) Isopropylbenzene	10.479	105	114843	1.988	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	20713	2.059	ug/l	99
71) 1,2,3-Trichloropropane	10.827	75	18688m	2.102	ug/l	
72) Bromobenzene	10.778	156	24470	1.978	ug/l	94
73) n-propylbenzene	10.901	120	28774	1.910	ug/l	96
74) 2-Chlorotoluene	10.981	126	26065	1.980	ug/l	94
75) 1,3,5-Trimethylbenzene	11.084	105	97392	1.995	ug/l	96
76) 4-Chlorotoluene	11.093	126	26037	1.964	ug/l	94
77) tert-Butylbenzene	11.415	119	92526	1.967	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	97511	1.975	ug/l	97
79) sec-Butylbenzene	11.637	105	123189	1.983	ug/l	99
80) Nitrobenzene	13.209	77	2566	9.506	ug/l	89
81) p-Isopropyltoluene	11.788	119	99278	1.944	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	49283	1.993	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	48259	1.970	ug/l	97
84) n-Butylbenzene	12.203	91	94526	1.939	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	45931	1.999	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3133	1.865	ug/l	93
87) 1,2,4-Trichlorobenzene	13.836	180	27696	1.975	ug/l	99
88) Hexachlorobutadiene	14.016	225	17856	2.032	ug/l	97
89) Naphthalene	14.084	128	45020	1.833	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	23065	1.917	ug/l	99

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



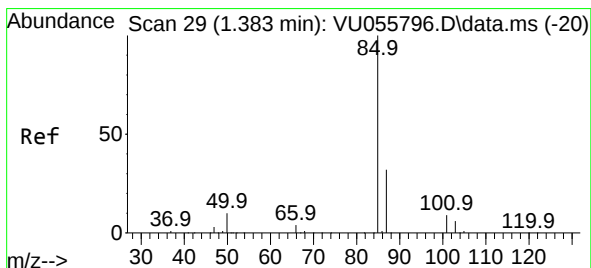
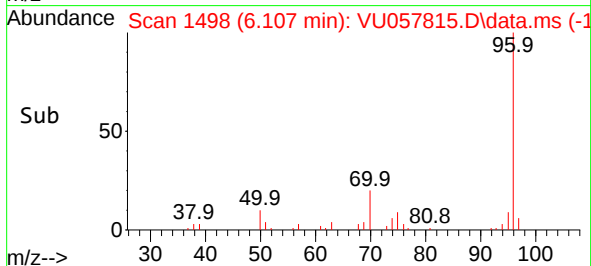
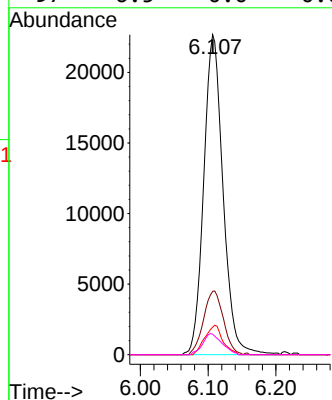
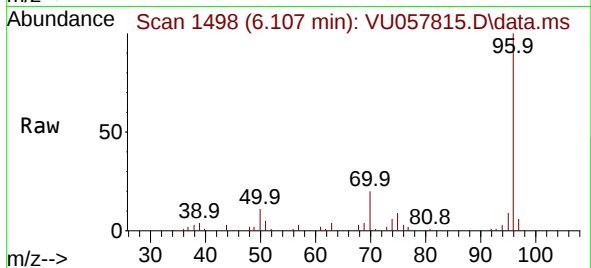
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 96 Resp: 44788
Ion Ratio Lower Upper
96 100
70 20.4 16.5 24.7
95 8.5 7.4 11.0
97 6.5 0.0 0.0#

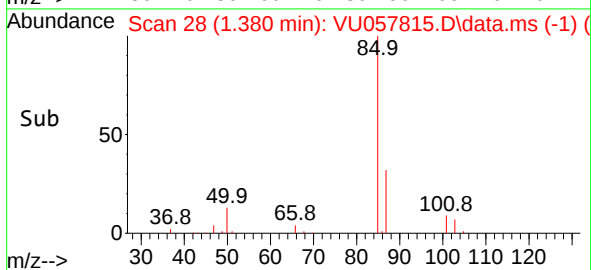
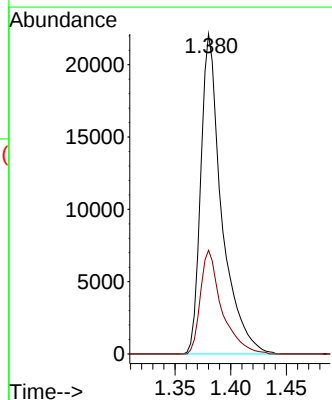
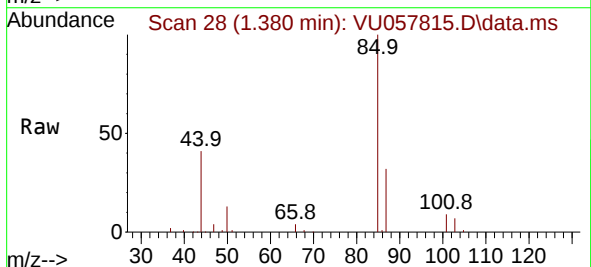
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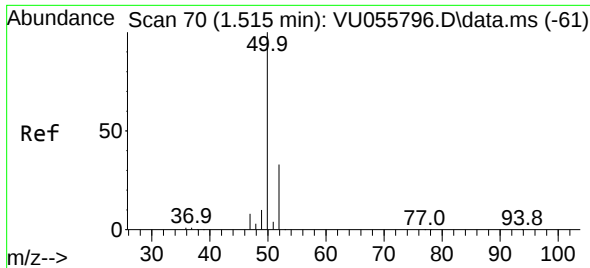
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 1.965 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 85 Resp: 28784
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





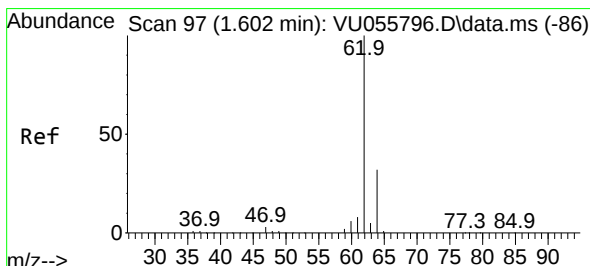
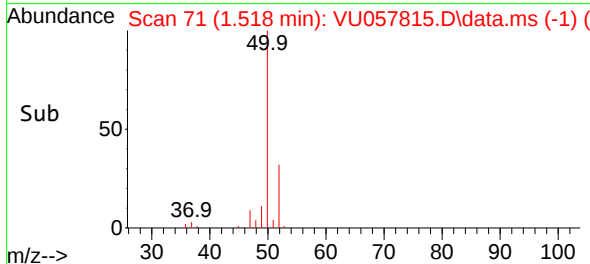
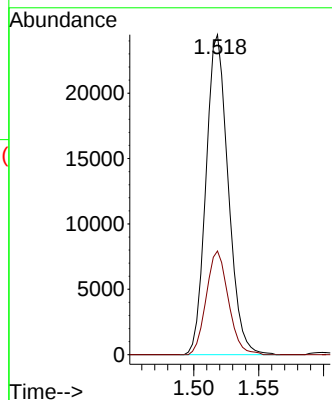
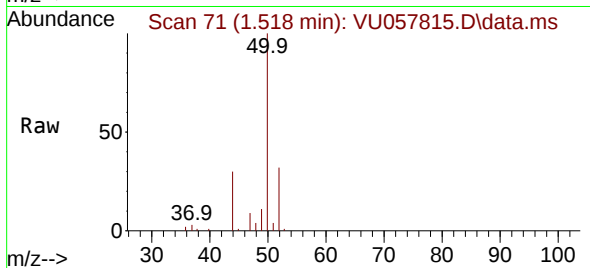
#3
Chloromethane
Concen: 2.069 ug/l
RT: 1.518 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 50 Resp: 2908
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

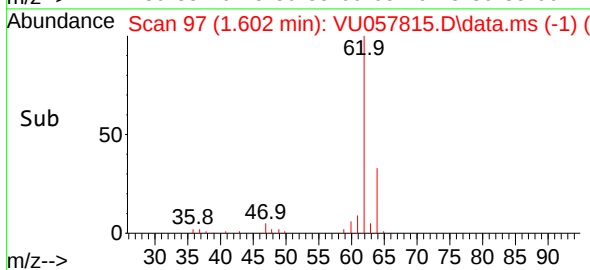
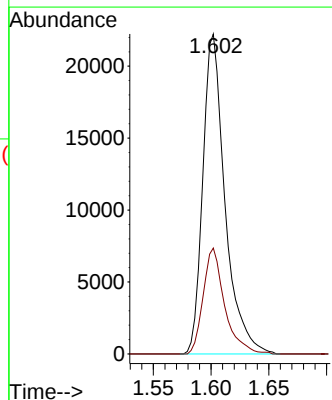
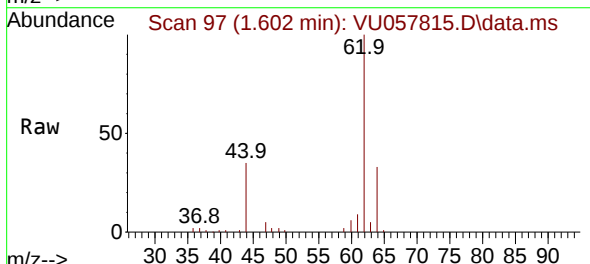
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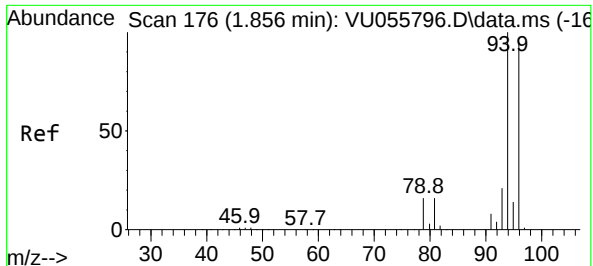
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 2.046 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

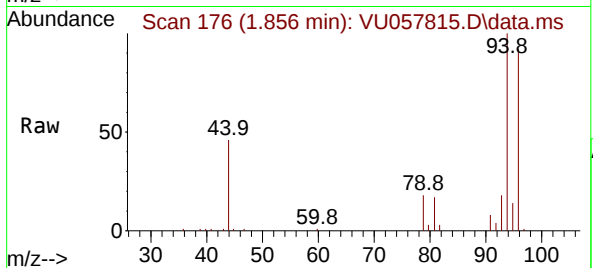
Tgt Ion: 62 Resp: 29703
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.2





#5
Bromomethane
Concen: 2.148 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

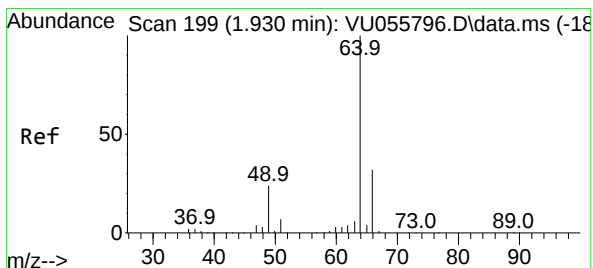
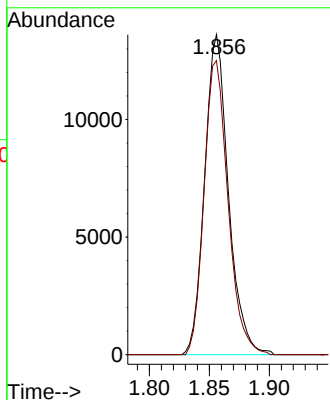
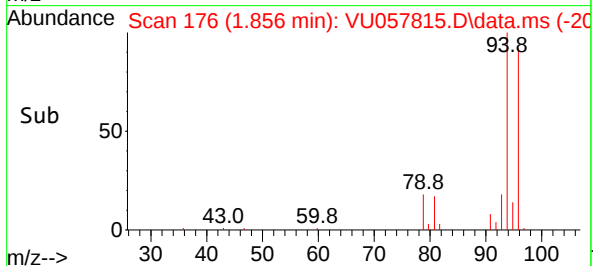
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion: 94 Resp: 18828
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2

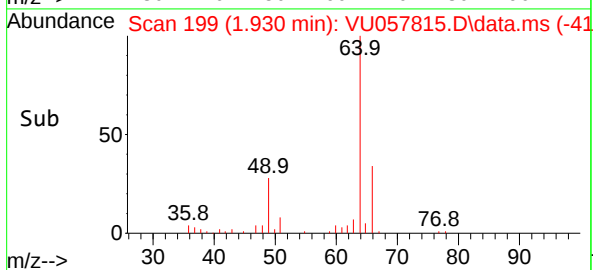
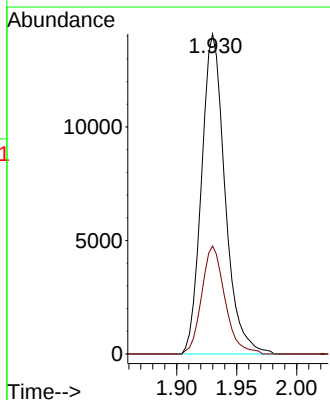
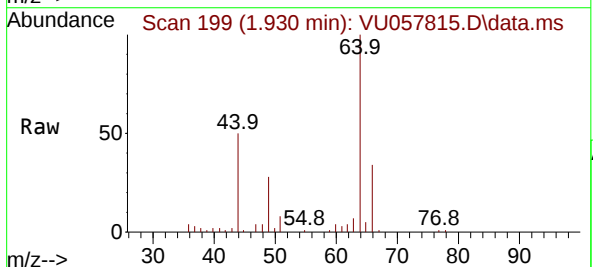
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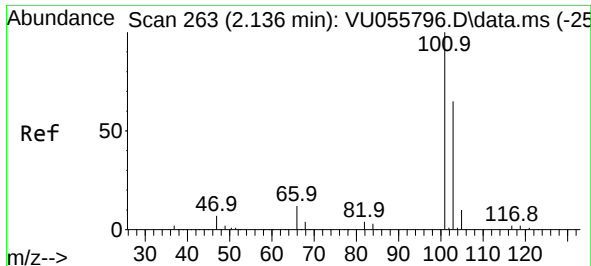
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 2.058 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 64 Resp: 19228
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0





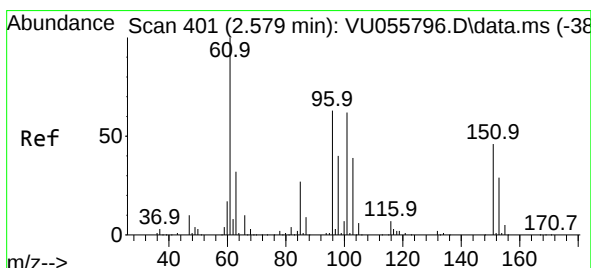
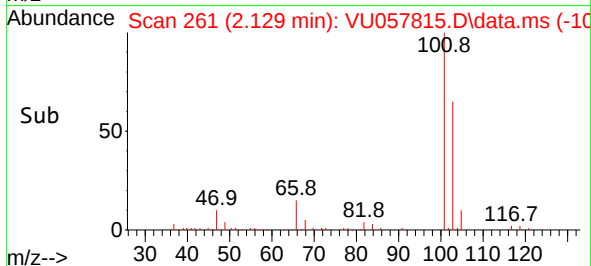
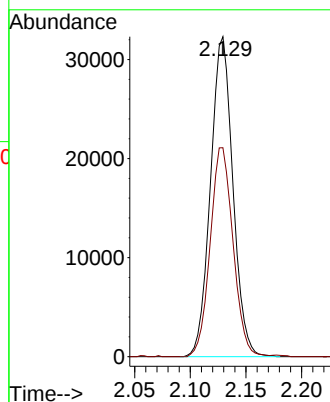
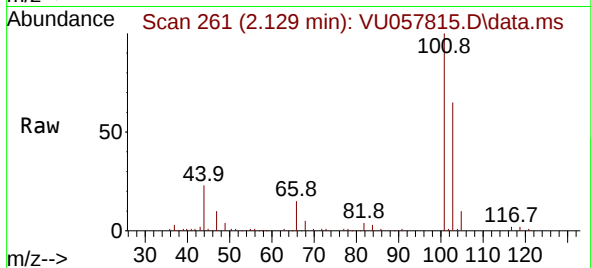
#7
 Trichlorofluoromethane
 Concen: 2.053 ug/l
 RT: 2.129 min Scan# 201
 Delta R.T. 0.013 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

Instrument :
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 ClientSampleId :
 VU0206WBSD01

Tgt Ion:101 Resp: 4514
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0

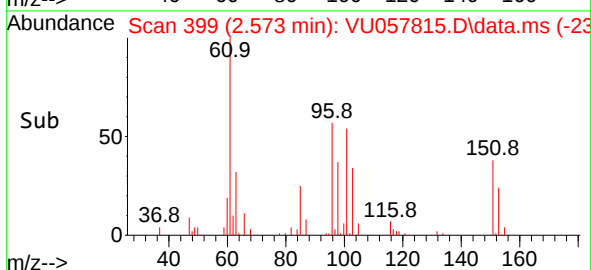
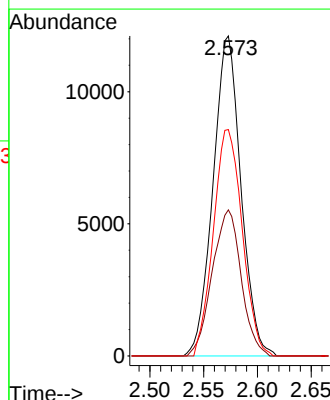
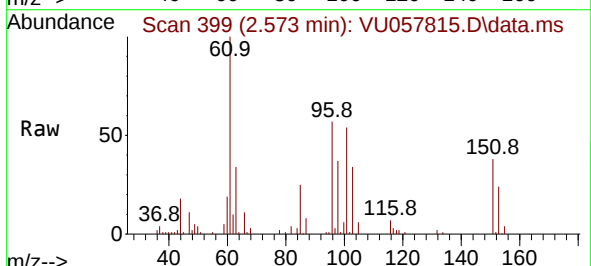
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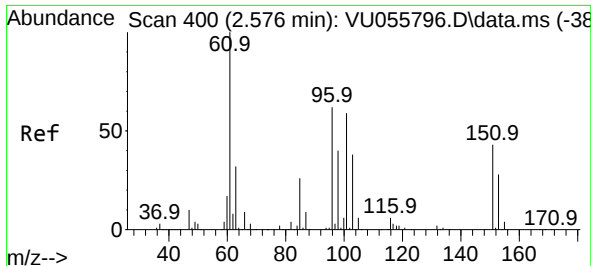
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.989 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. 0.013 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

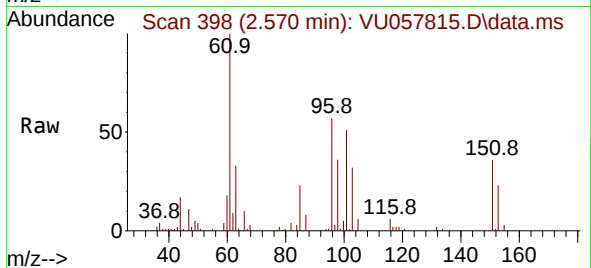
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 Ion Ratio Lower Upper
 101 100
 85 47.4 35.4 53.0
 151 73.2 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.994 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

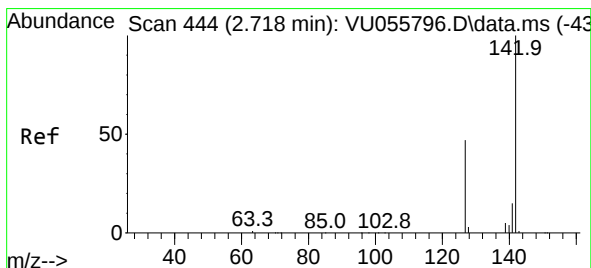
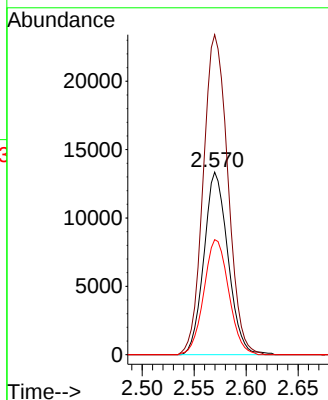
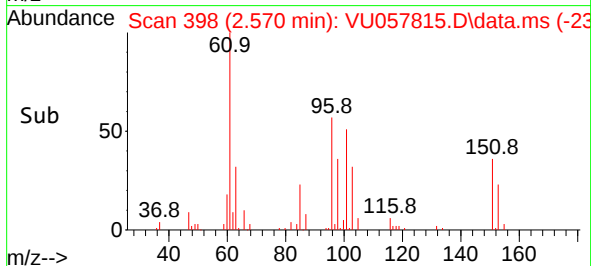
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ClientSampleId :
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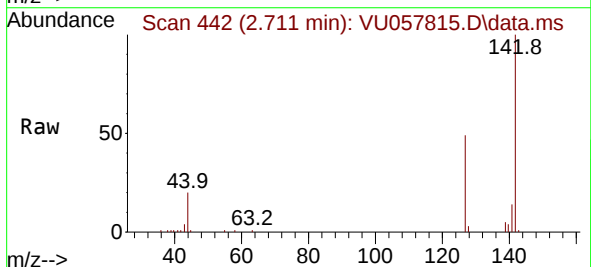
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Ion Ratio Lower Upper
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Manual Integrations
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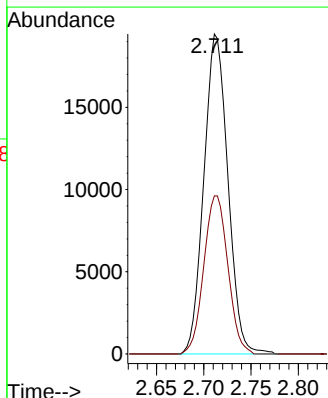
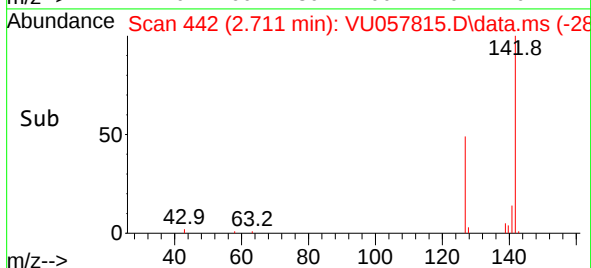
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

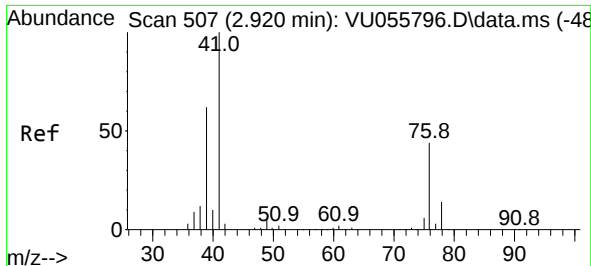


#10
Iodomethane
Concen: 1.985 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.010 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



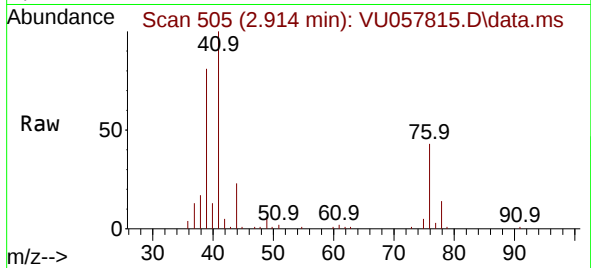
Tgt Ion:142 Resp: 34400
Ion Ratio Lower Upper
142 100
127 49.5 35.9 53.9





#11
 Allyl Chloride
 Concen: 2.000 ug/l
 RT: 2.914 min Scan# 507
 Delta R.T. 0.010 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

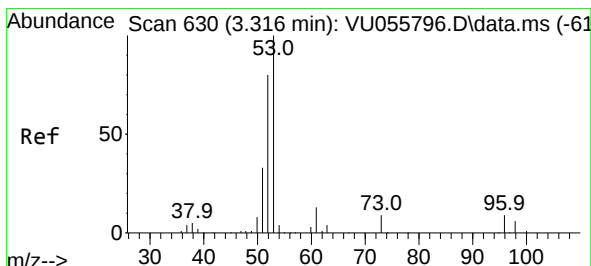
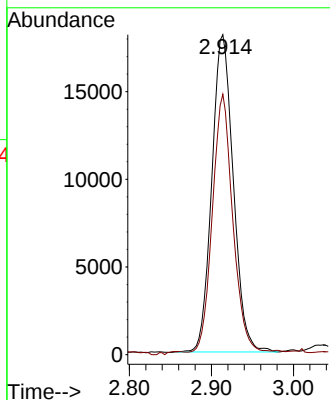
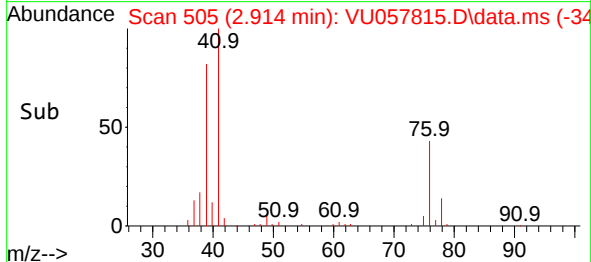
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01



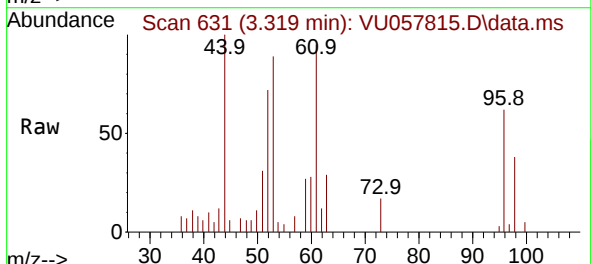
Tgt Ion: 41 Resp: 3290
 Ion Ratio Lower Upper
 41 100
 39 76.8 54.2 81.2

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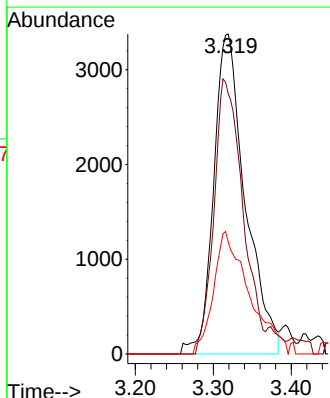
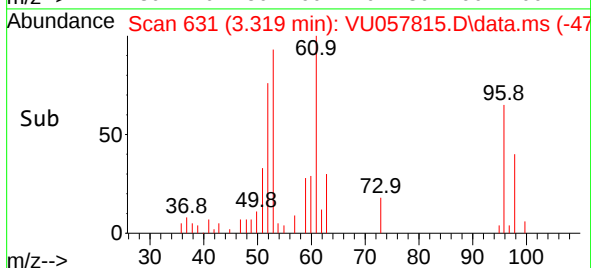
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

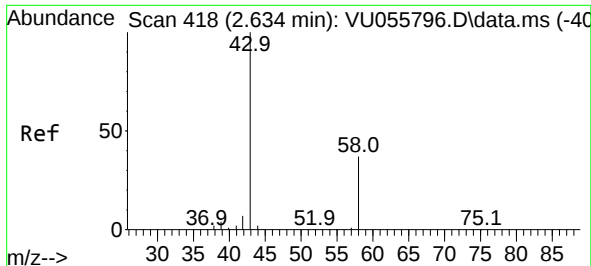


#12
 Acrylonitrile
 Concen: 4.197 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.010 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16



Tgt Ion: 53 Resp: 9549
 Ion Ratio Lower Upper
 53 100
 52 78.1 62.9 94.3
 51 43.0 27.8 41.6#





#13

Acetone

Concen: 8.401 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 43 Resp: 37438

Ion Ratio Lower Upper

43 100

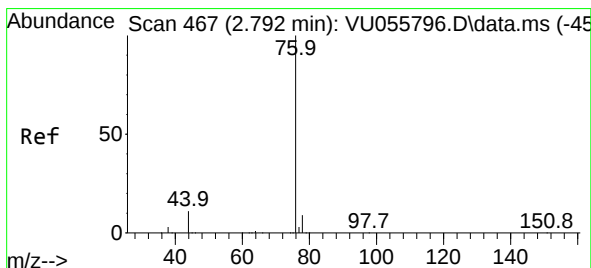
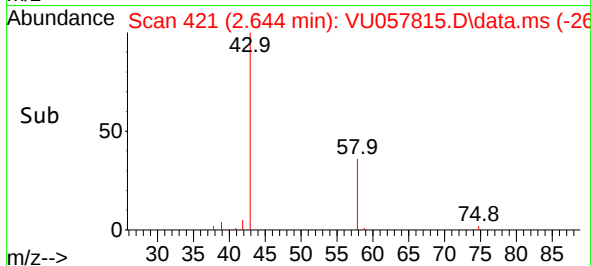
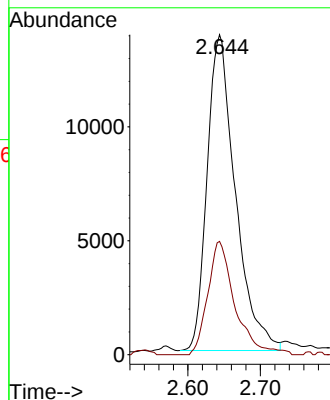
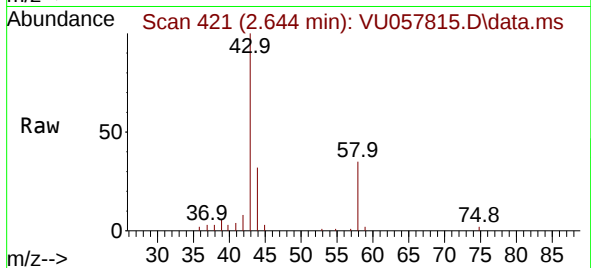
58 35.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 1.999 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.010 min

Lab File: VU057815.D

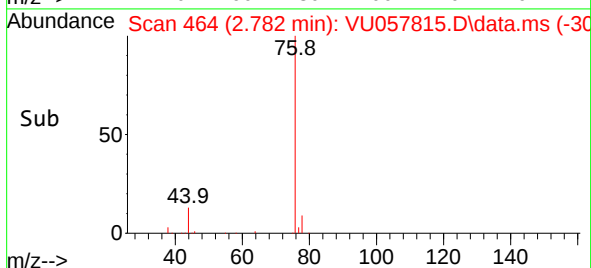
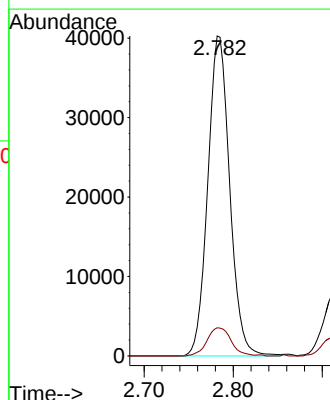
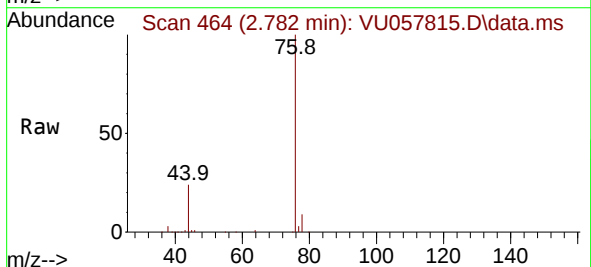
Acq: 06 Feb 2024 11:16

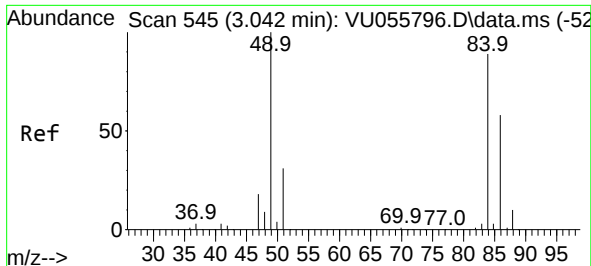
Tgt Ion: 76 Resp: 68880

Ion Ratio Lower Upper

76 100

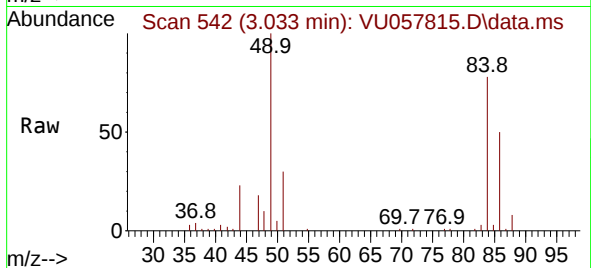
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 2.004 ug/l
RT: 3.033 min Scan# 545
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

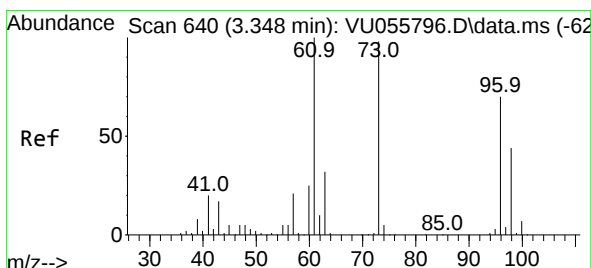
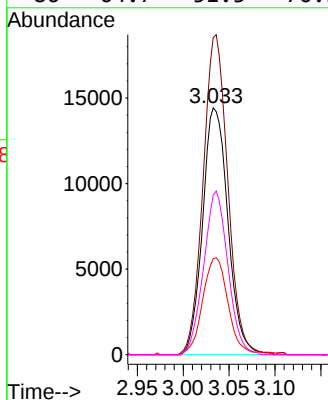
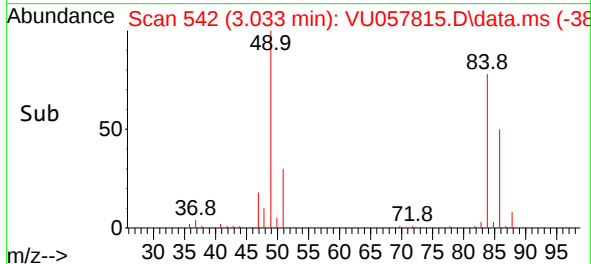
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



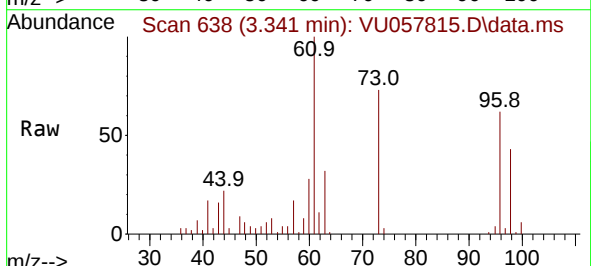
Tgt Ion: 84 Resp: 27749
Ion Ratio Lower Upper
84 100
49 128.5 98.9 148.3
51 38.8 0.0 75.4
86 64.7 51.3 76.9

Manual Integrations
APPROVED

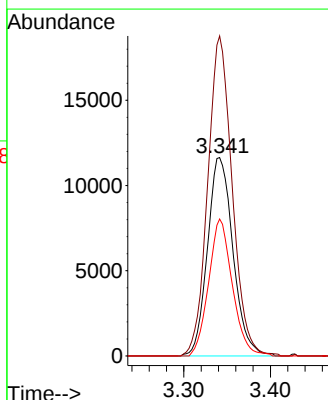
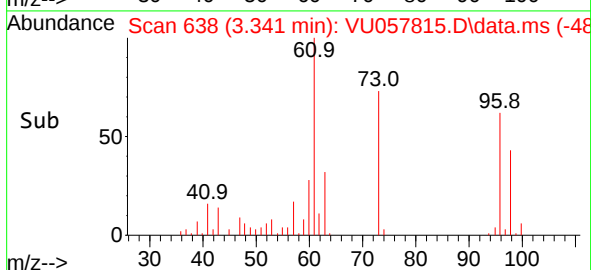
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

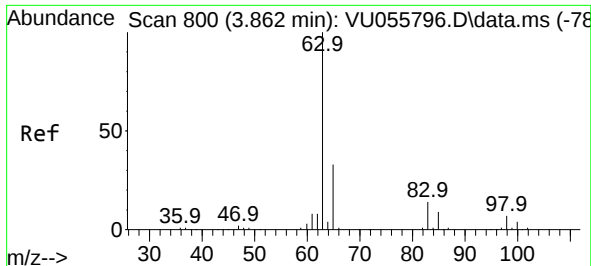


#16
trans-1,2-Dichloroethene
Concen: 2.040 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion: 96 Resp: 23865
Ion Ratio Lower Upper
96 100
61 161.3 117.5 176.3
98 69.0 48.3 72.5





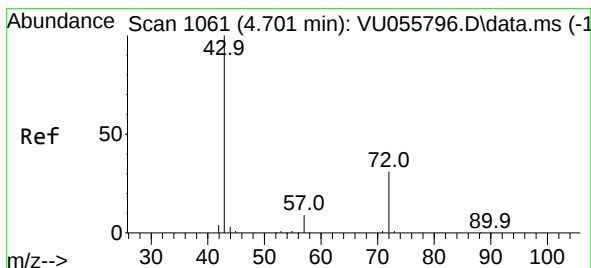
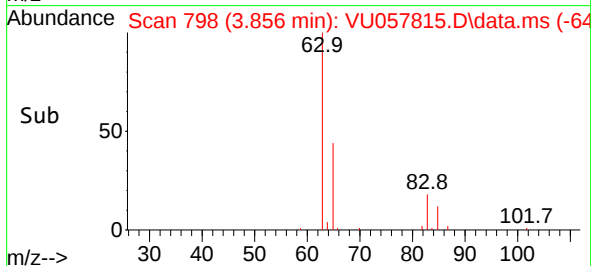
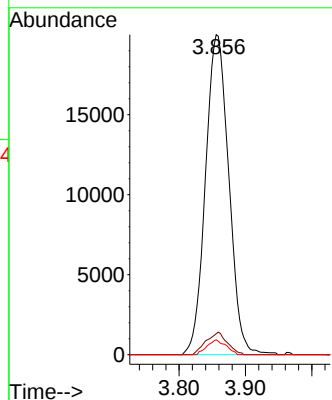
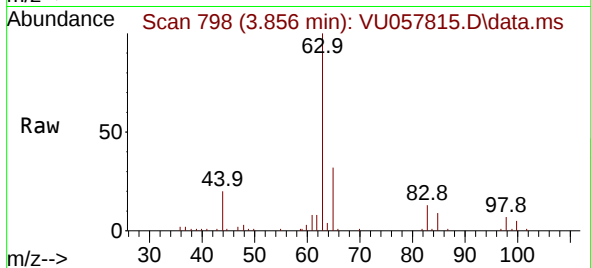
#17
1,1-Dichloroethane
Concen: 2.081 ug/l
RT: 3.856 min Scan# 798
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 63 Resp: 48919
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.7 2.2 6.6

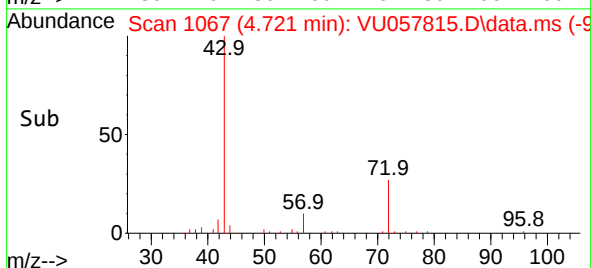
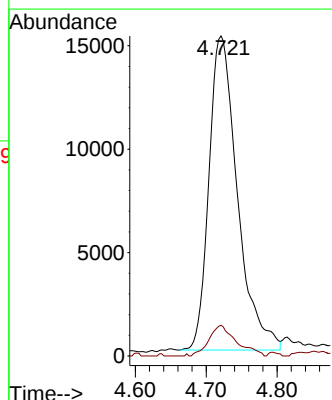
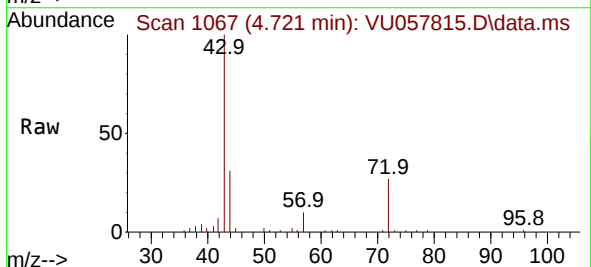
Manual Integrations
APPROVED

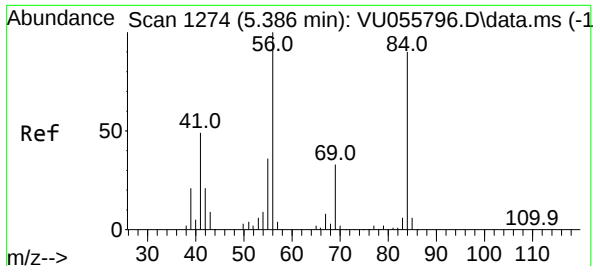
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 9.480 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.010 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 43 Resp: 42356
Ion Ratio Lower Upper
43 100
57 9.8 0.0 19.6





#19

Cyclohexane

Concen: 2.052 ug/l

RT: 5.373 min Scan# 1698

Delta R.T. 0.007 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 56 Resp: 37909

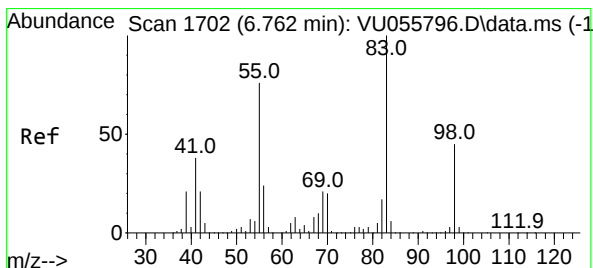
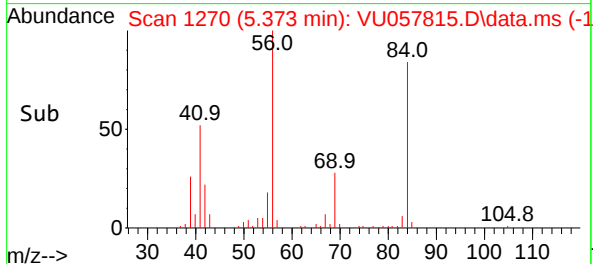
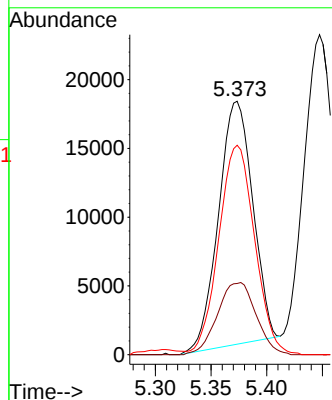
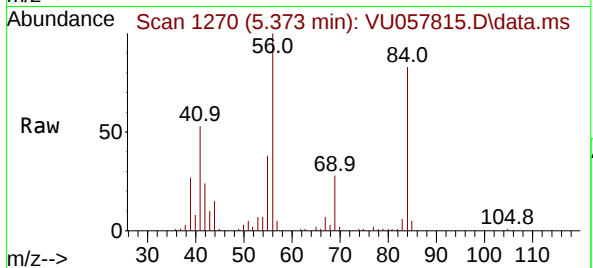
Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.6	37.0
84	88.4	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 1.967 ug/l

RT: 6.753 min Scan# 1699

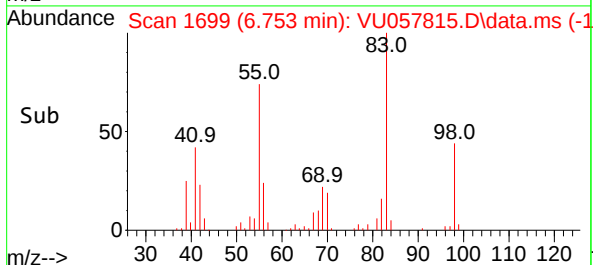
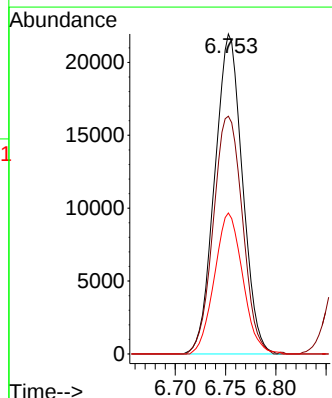
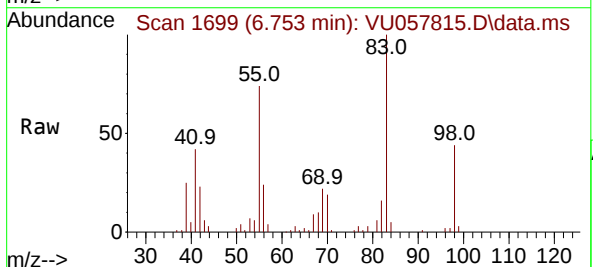
Delta R.T. 0.003 min

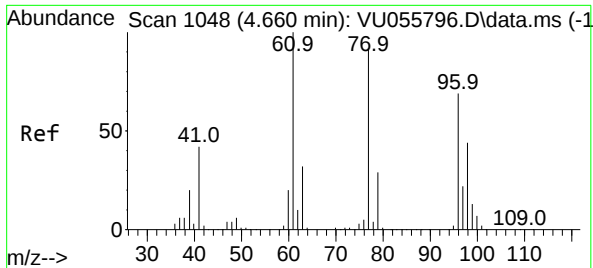
Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Tgt Ion: 83 Resp: 42062

Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.5	95.3
98	45.0	36.0	54.0





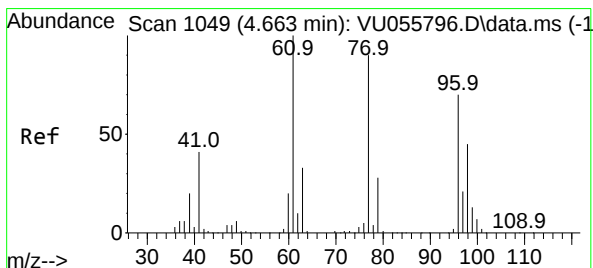
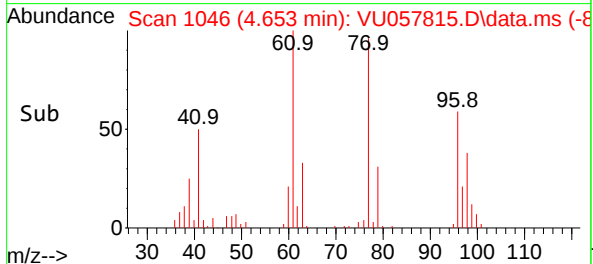
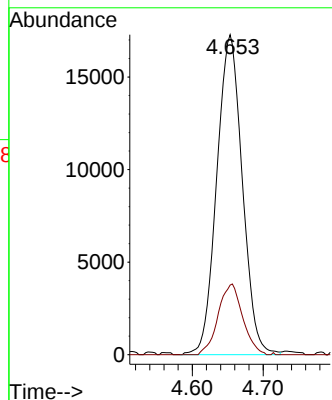
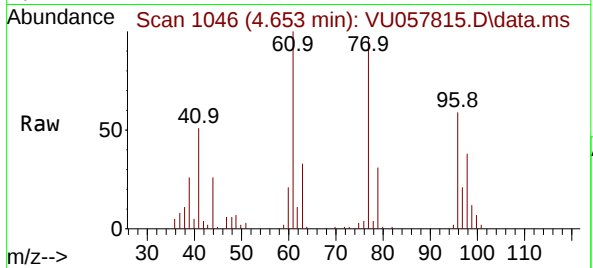
#21
2,2-Dichloropropane
Concen: 2.043 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.007 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 77 Resp: 43258
Ion Ratio Lower Upper
77 100
97 21.2 18.4 27.6

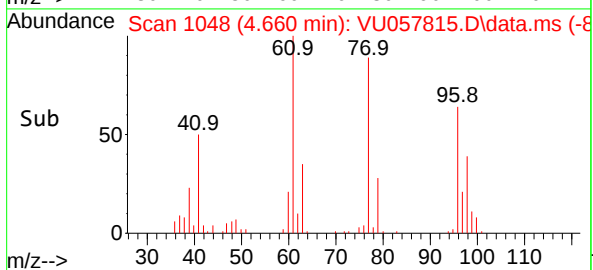
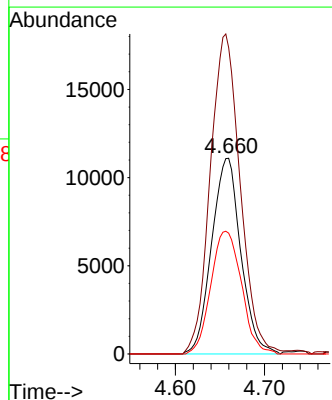
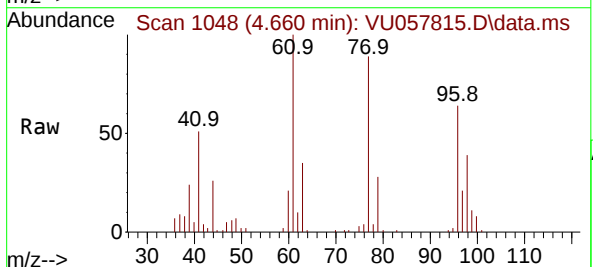
Manual Integrations
APPROVED

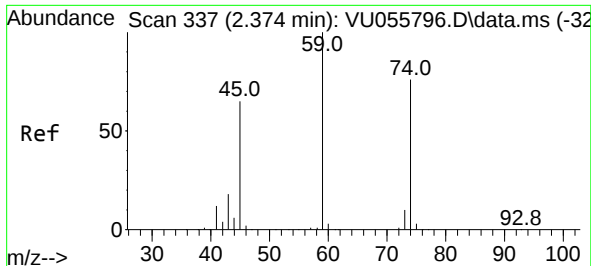
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 1.960 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 96 Resp: 25255
Ion Ratio Lower Upper
96 100
61 167.3 0.0 365.8
98 65.8 32.0 96.0





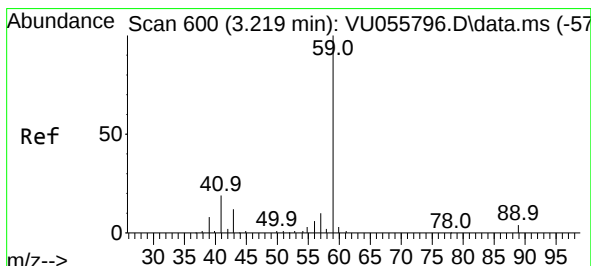
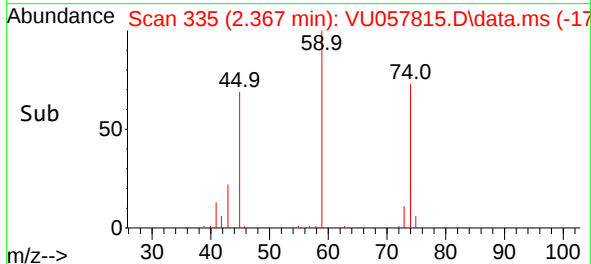
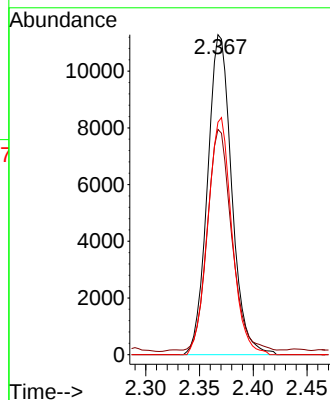
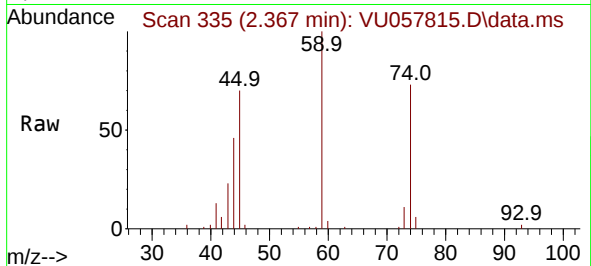
#23
Diethyl Ether
Concen: 2.121 ug/l
RT: 2.367 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 59 Resp: 17640
Ion Ratio Lower Upper
59 100
45 68.9 56.1 84.1
74 73.9 57.4 86.2

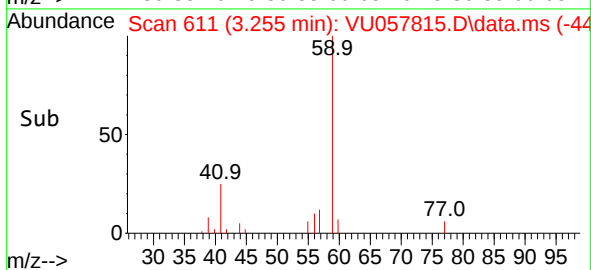
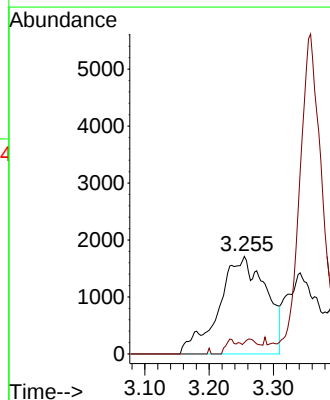
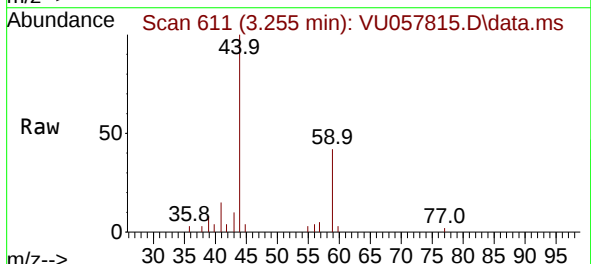
Manual Integrations
APPROVED

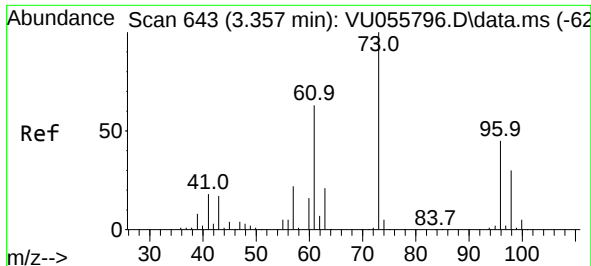
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 14.333 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. 0.023 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 59 Resp: 8650
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





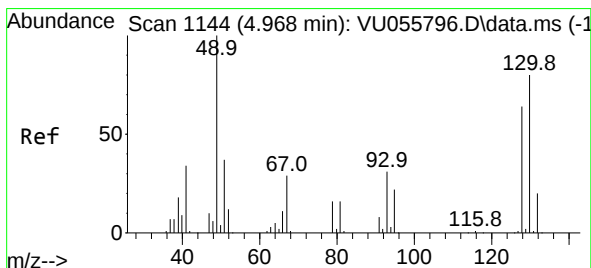
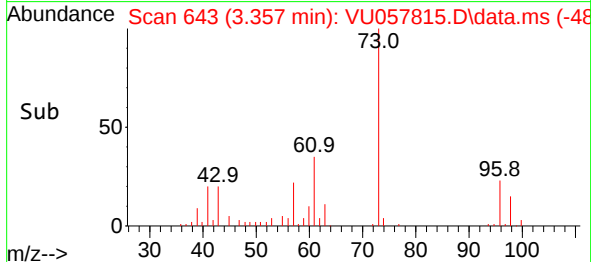
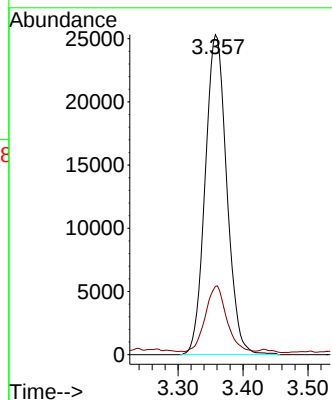
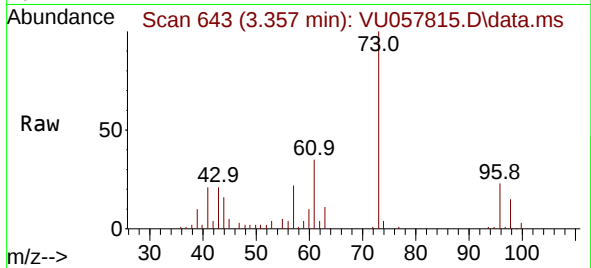
#25
Methyl tert-Butyl Ether
Concen: 2.132 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 73 Resp: 58519
Ion Ratio Lower Upper
73 100
43 20.4 15.0 22.6

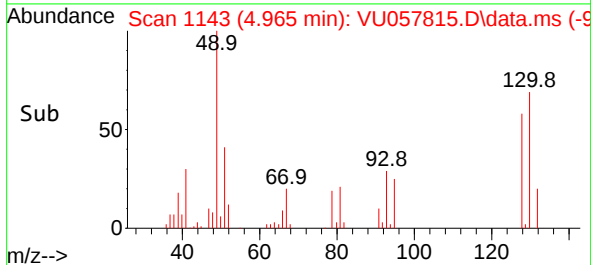
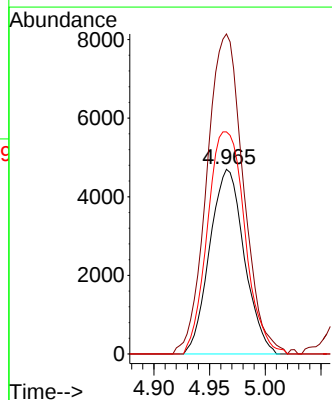
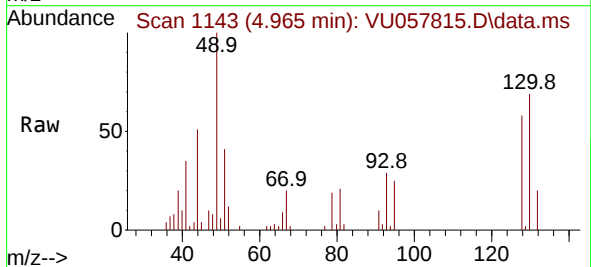
Manual Integrations
APPROVED

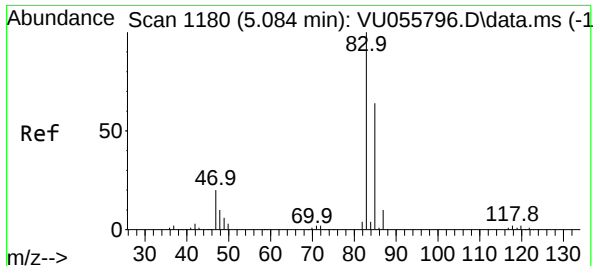
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 2.019 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.007 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion:128 Resp: 10126
Ion Ratio Lower Upper
128 100
49 183.2 0.0 324.6
130 130.6 103.0 154.4





#27

Chloroform

Concen: 2.084 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 83 Resp: 4886

Ion Ratio Lower Upper

83 100

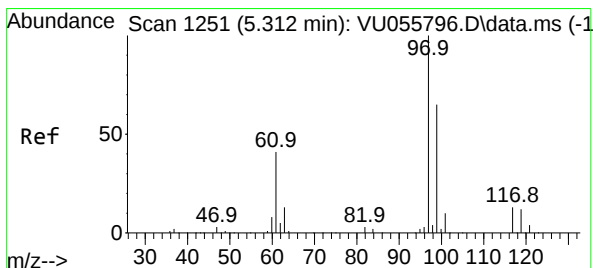
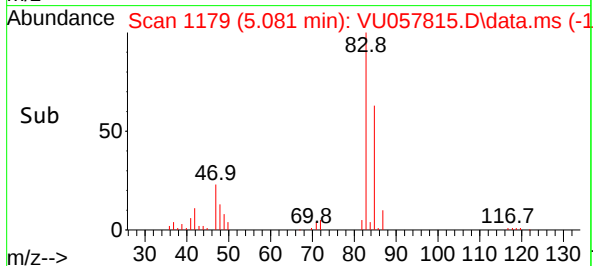
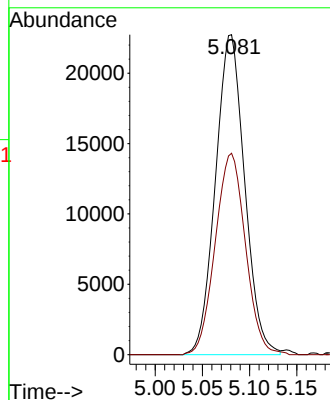
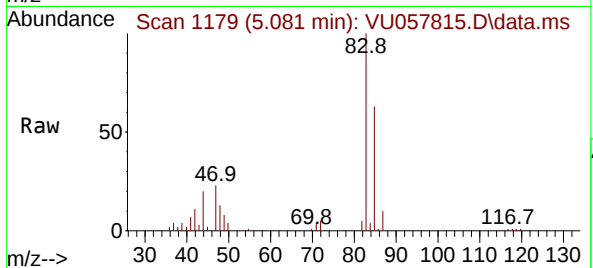
85 64.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 2.030 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

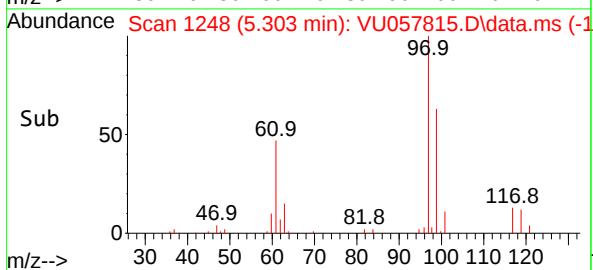
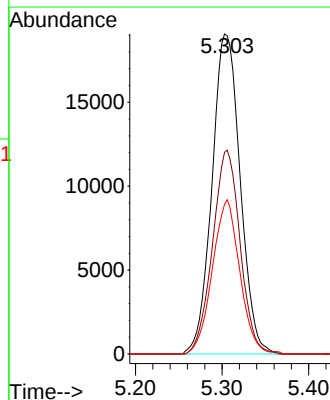
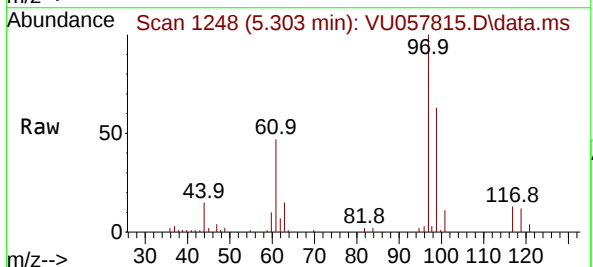
Tgt Ion: 97 Resp: 43125

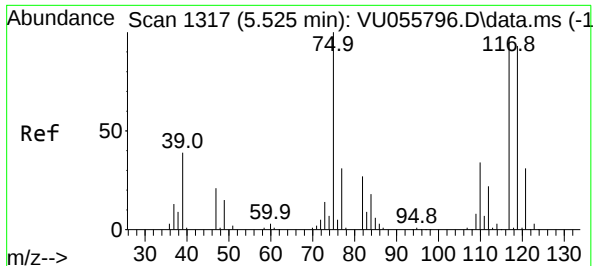
Ion Ratio Lower Upper

97 100

99 62.3 32.0 96.2

61 46.8 22.9 68.5





#29

1,1-Dichloropropene

Concen: 2.003 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 75 Resp: 3496

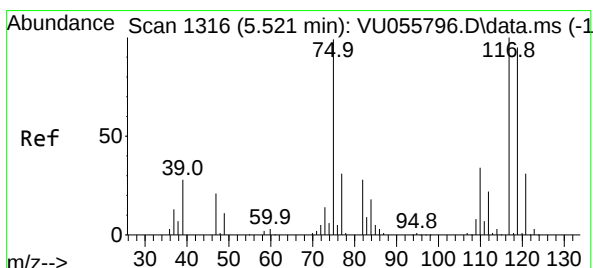
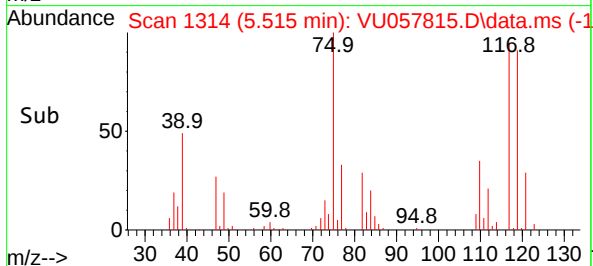
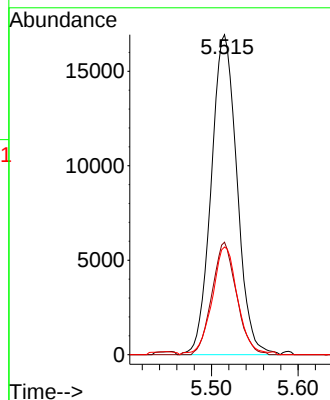
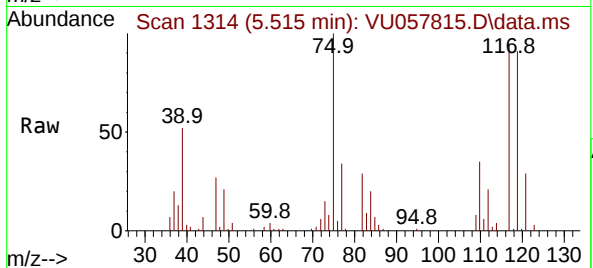
Ion	Ratio	Lower	Upper
75	100		
110	33.4	18.0	54.0
77	33.4	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 2.004 ug/l

RT: 5.512 min Scan# 1313

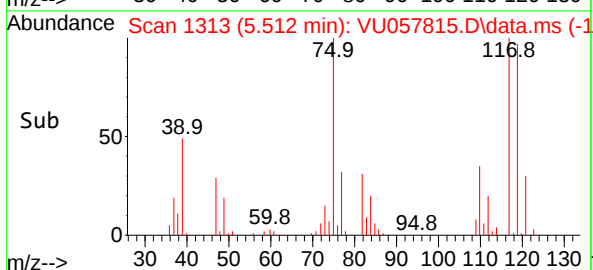
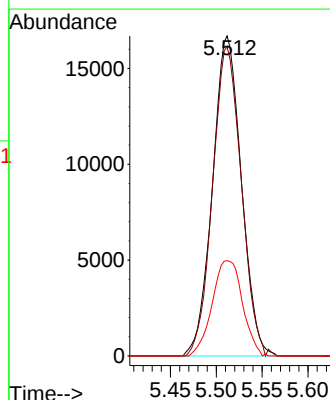
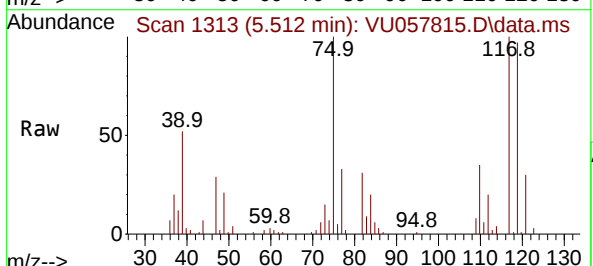
Delta R.T. 0.003 min

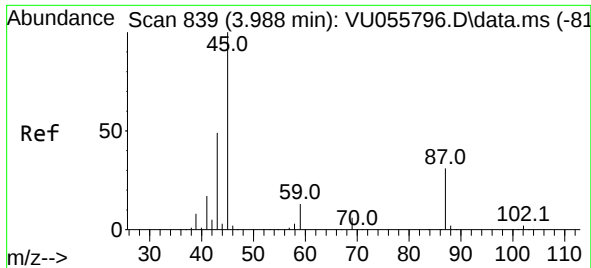
Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Tgt Ion:117 Resp: 36469

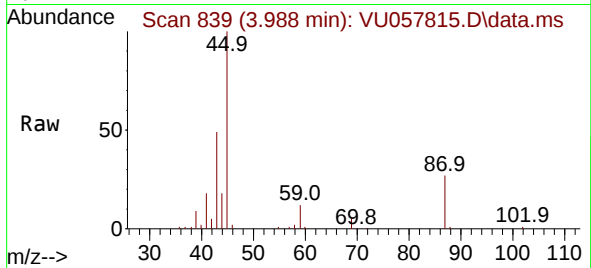
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
121	29.8	24.0	36.0





#31
Isopropyl Ether
Concen: 2.099 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

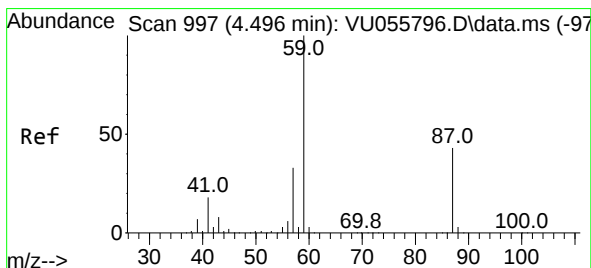
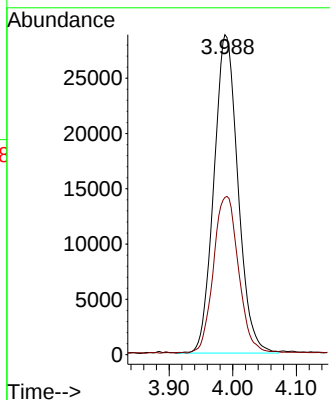
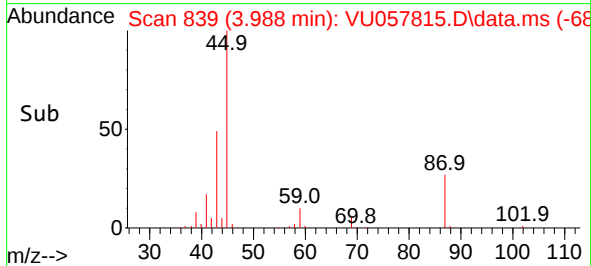
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



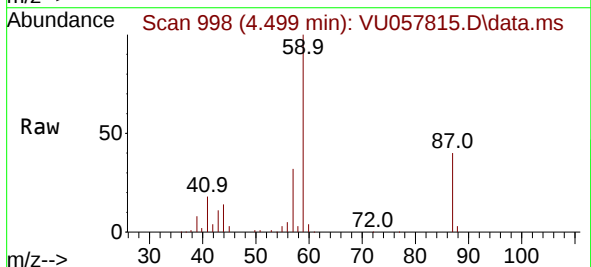
Tgt Ion: 45 Resp: 75749
Ion Ratio Lower Upper
45 100
43 51.0 27.5 82.5

Manual Integrations
APPROVED

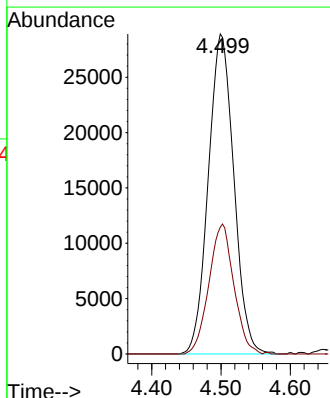
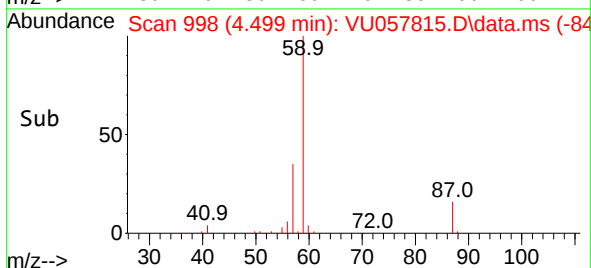
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

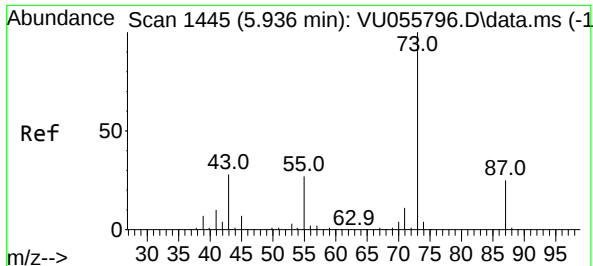


#32
Ethyl-t-butyl ether
Concen: 2.085 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion: 59 Resp: 74008
Ion Ratio Lower Upper
59 100
87 39.6 33.5 50.3





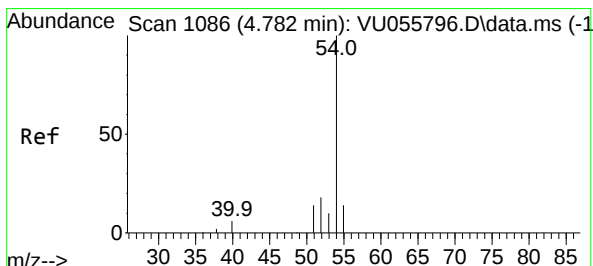
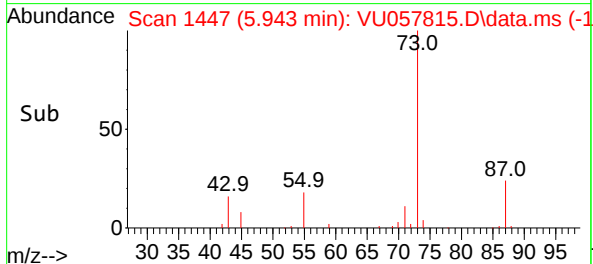
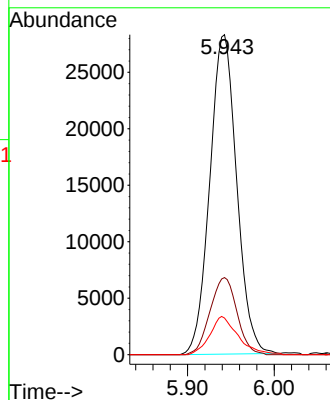
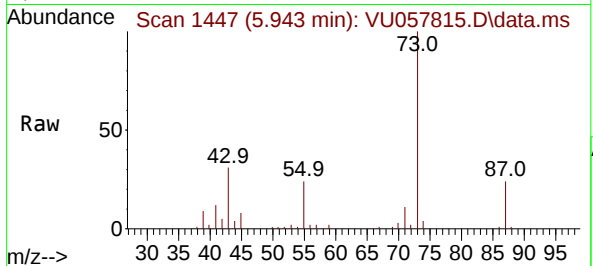
#33
Tert-Amyl methyl ether
Concen: 2.053 ug/l
RT: 5.943 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 73 Resp: 61004
Ion Ratio Lower Upper
73 100
87 24.1 18.6 28.0
71 12.6 9.9 14.9

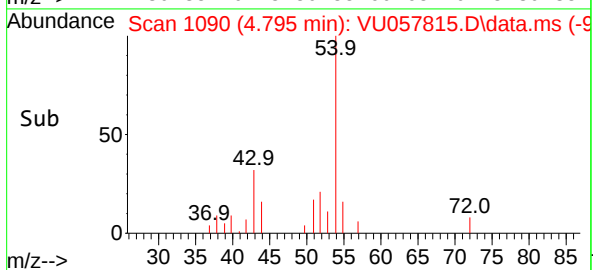
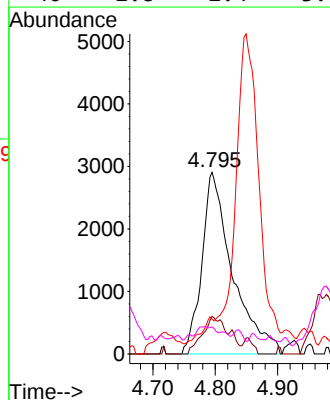
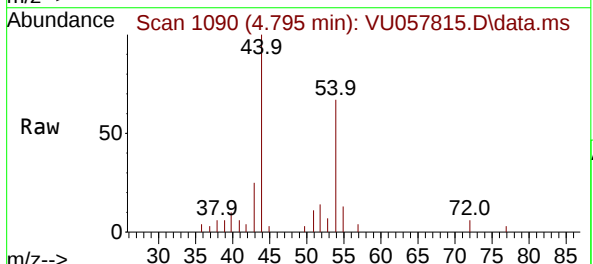
Manual Integrations
APPROVED

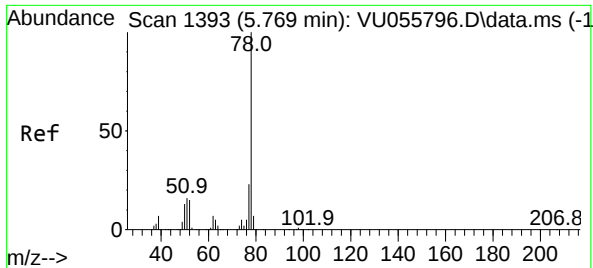
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 11.846 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.010 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

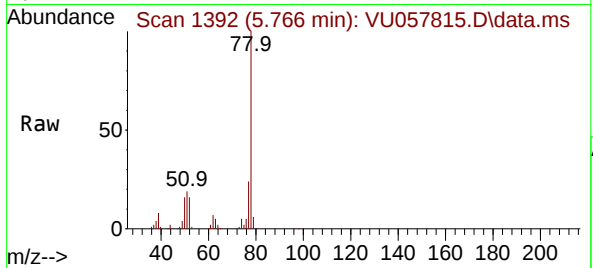
Tgt Ion: 54 Resp: 9877
Ion Ratio Lower Upper
54 100
52 14.5 17.4 26.0#
55 6.4 104.1 156.1#
40 2.8 2.4 3.6





#35
Benzene
Concen: 2.040 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.007 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

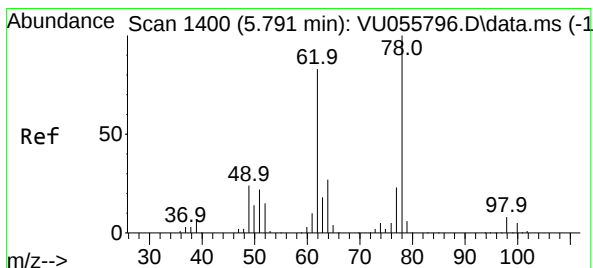
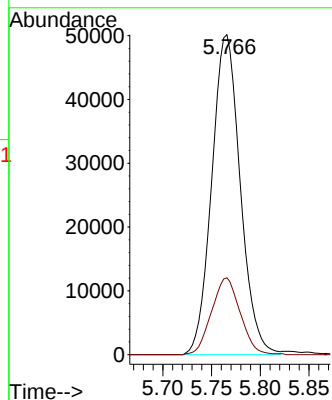
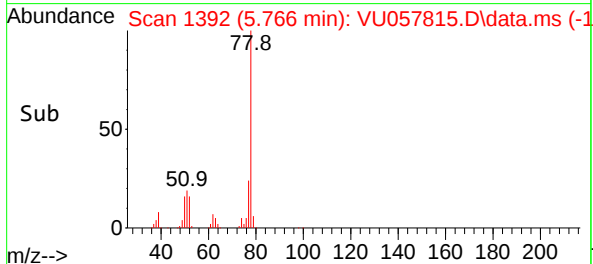
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



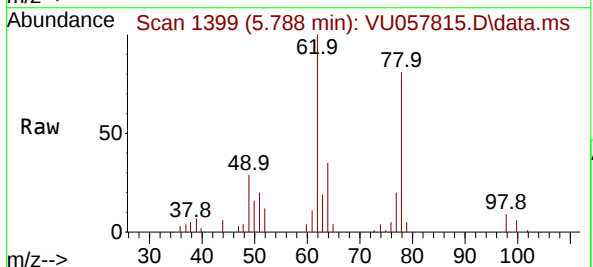
Tgt Ion: 78 Resp: 101980
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

Manual Integrations
APPROVED

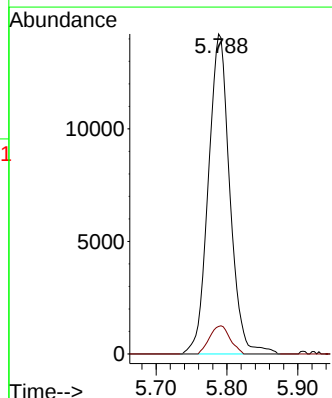
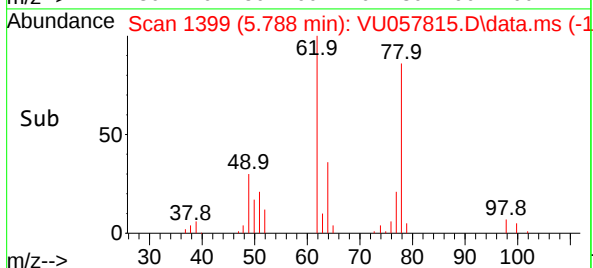
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

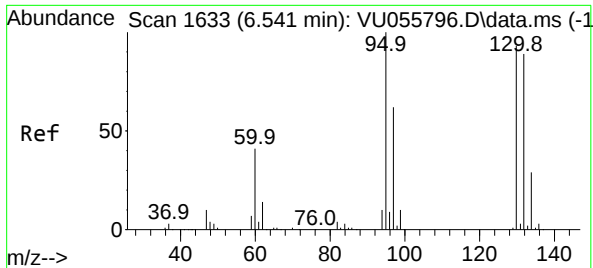


#36
1,2-Dichloroethane
Concen: 2.046 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



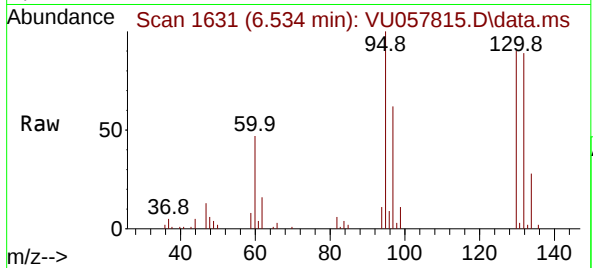
Tgt Ion: 62 Resp: 29900
Ion Ratio Lower Upper
62 100
98 8.3 7.3 10.9





#37
Trichloroethene
Concen: 1.999 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

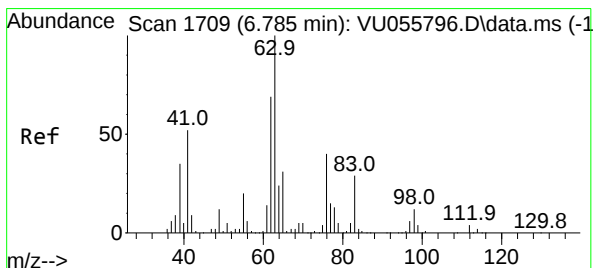
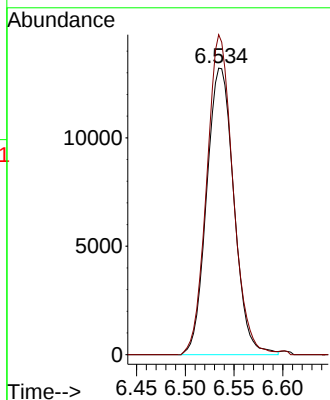
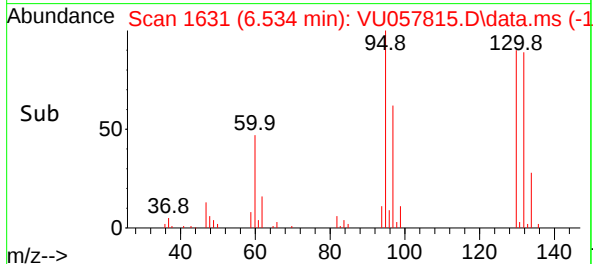
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



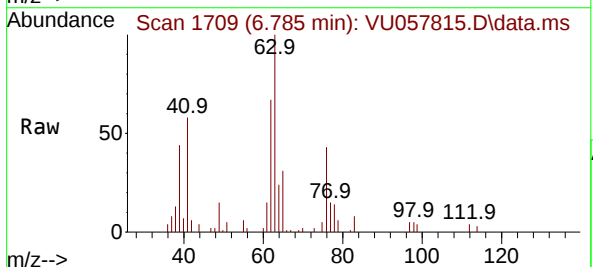
Tgt Ion:130 Resp: 2573
Ion Ratio Lower Upper
130 100
95 111.6 85.0 127.6

Manual Integrations
APPROVED

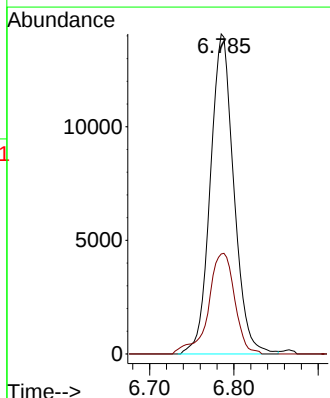
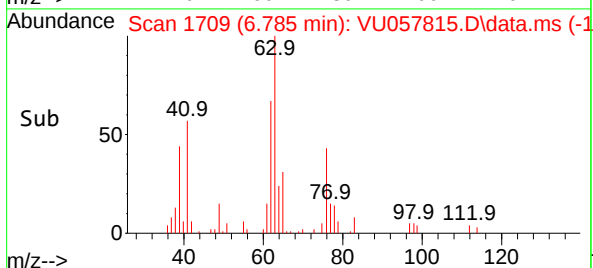
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

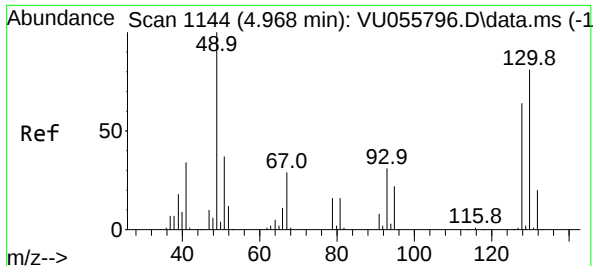


#38
1,2-Dichloropropane
Concen: 2.064 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion: 63 Resp: 27285
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3





#39

Methacrylonitrile

Concen: 2.244 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.007 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

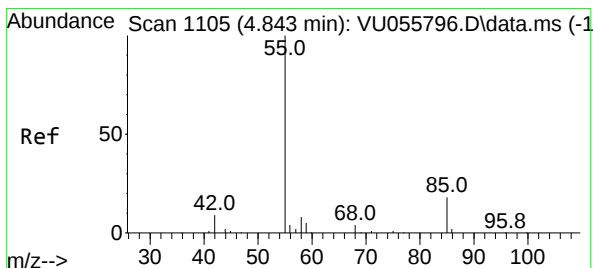
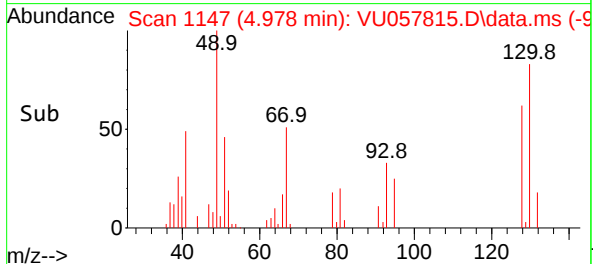
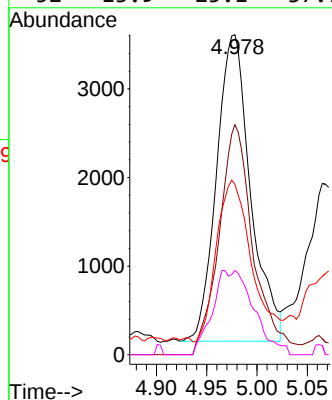
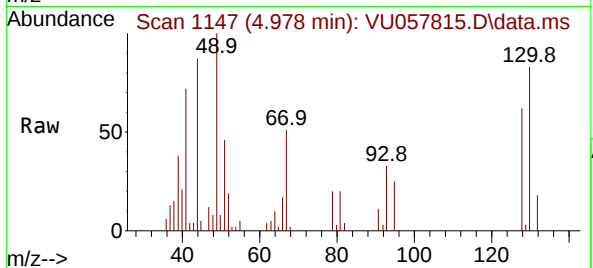
Tgt Ion:	41	Resp:	815
Ion	Ratio	Lower	Upper
41	100		
67	75.5	66.8	100.2
39	54.6	41.2	61.8
52	13.9	25.1	37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 1.940 ug/l

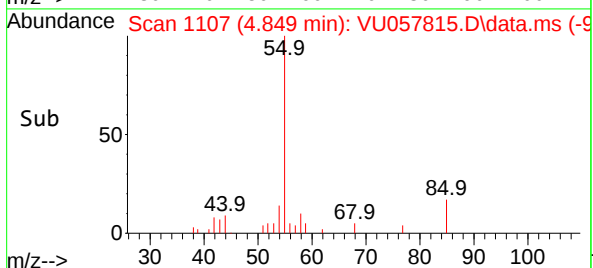
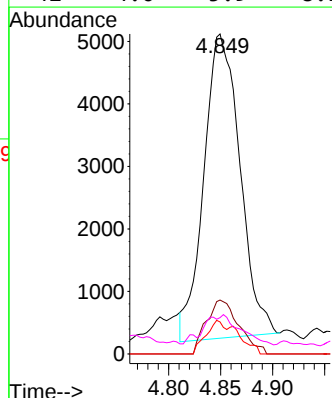
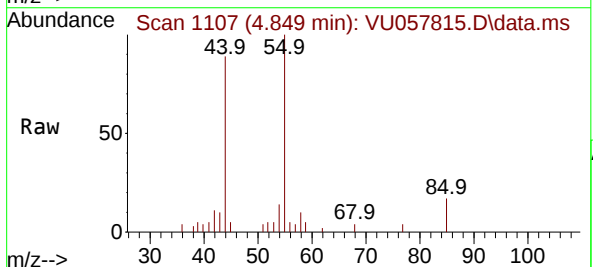
RT: 4.849 min Scan# 1107

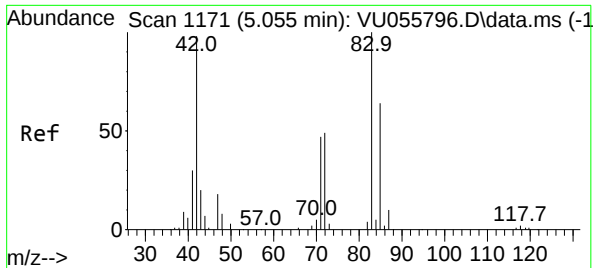
Delta R.T. 0.007 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Tgt Ion:	55	Resp:	11741
Ion	Ratio	Lower	Upper
55	100		
85	16.0	13.3	19.9
58	5.9	6.5	9.7#
42	4.0	5.9	8.9#





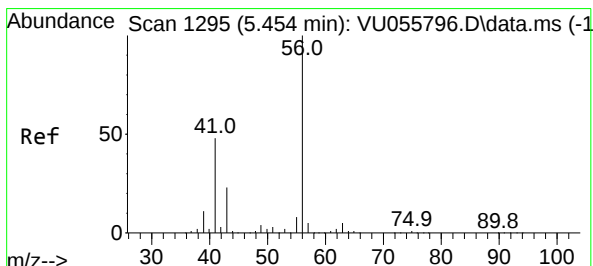
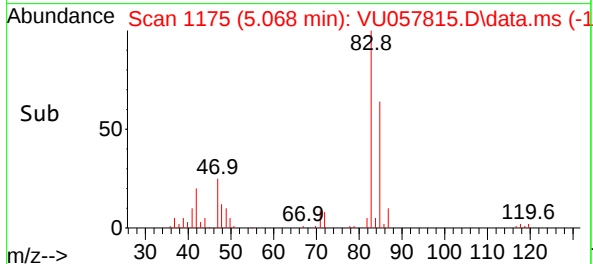
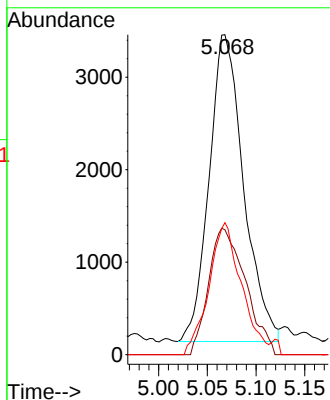
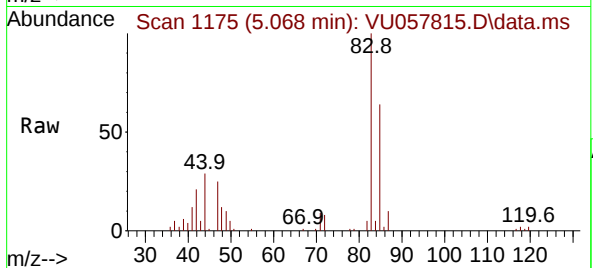
#41
Tetrahydrofuran
Concen: 4.508 ug/l
RT: 5.068 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 42 Resp: 816
Ion Ratio Lower Upper
42 100
72 44.0 40.9 61.3
71 40.5 36.9 55.3

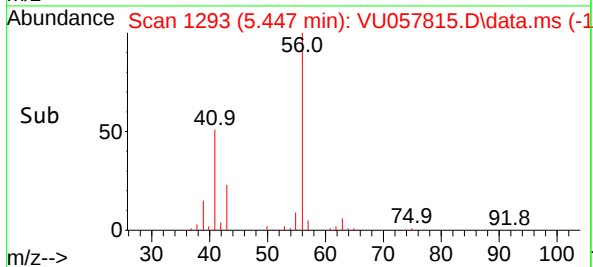
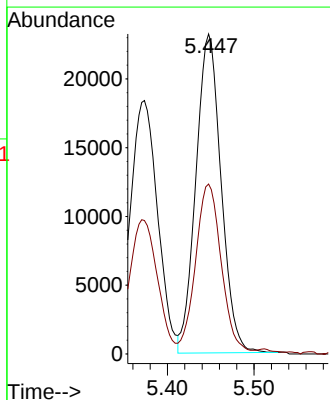
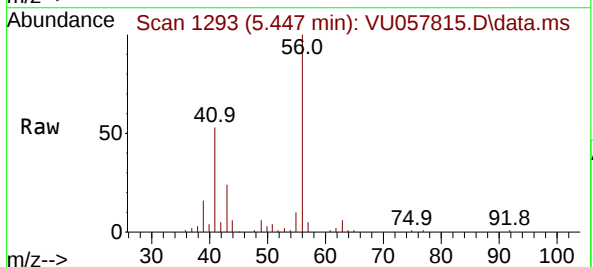
Manual Integrations
APPROVED

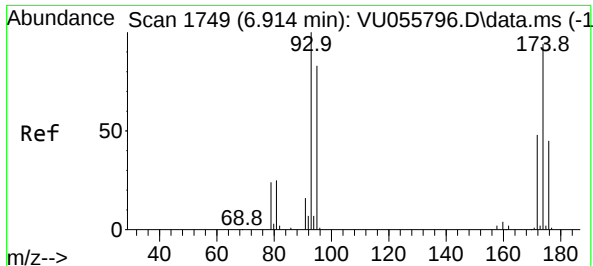
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 2.021 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

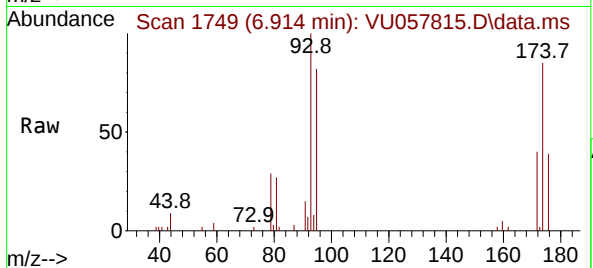
Tgt Ion: 56 Resp: 46840
Ion Ratio Lower Upper
56 100
41 52.2 25.2 75.6





#43
Dibromomethane
Concen: 2.129 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

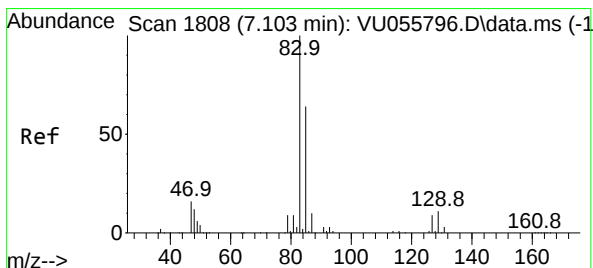
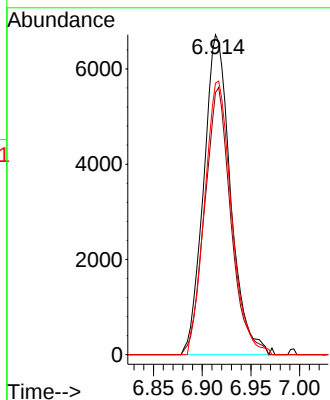
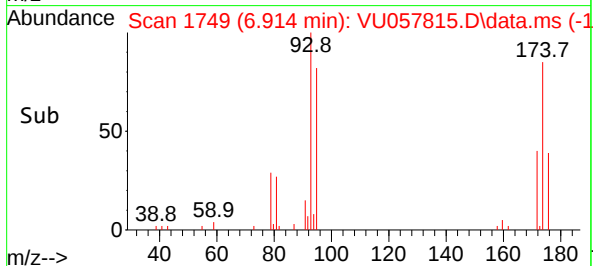
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



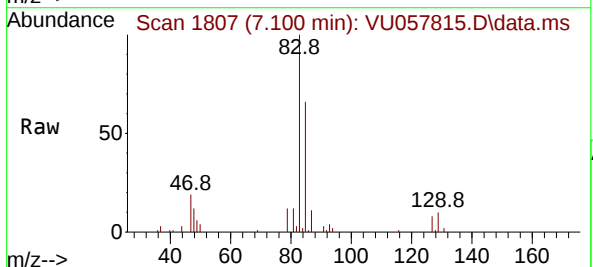
Tgt Ion: 93 Resp: 1292
Ion Ratio Lower Upper
93 100
95 81.2 67.0 100.6
174 85.3 73.8 110.6

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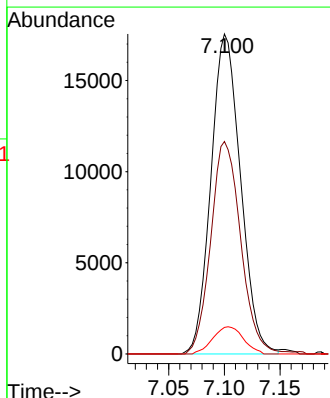
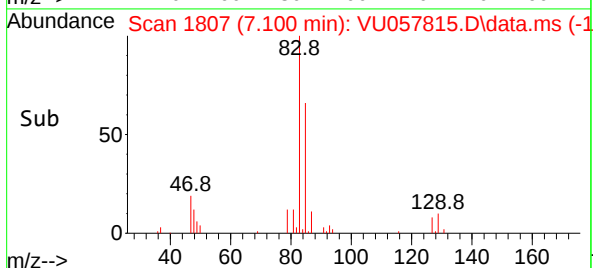
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

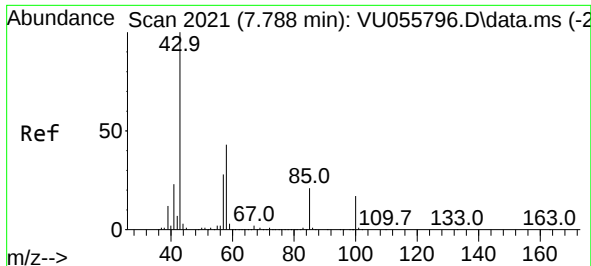


#44
Bromodichloromethane
Concen: 1.965 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion: 83 Resp: 32409
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9
127 8.3 6.7 10.1





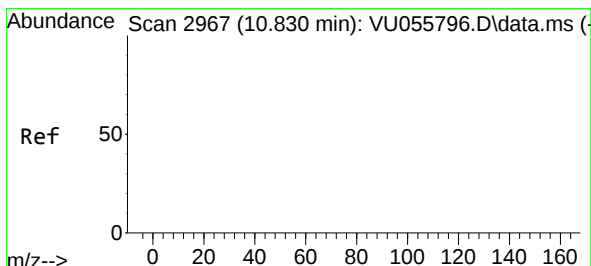
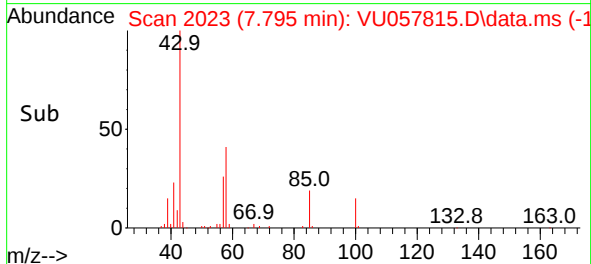
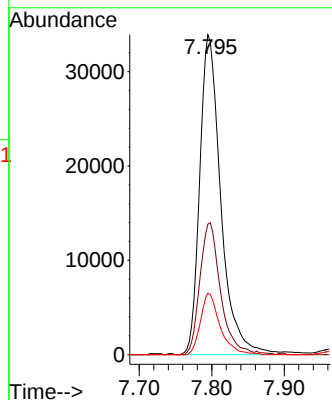
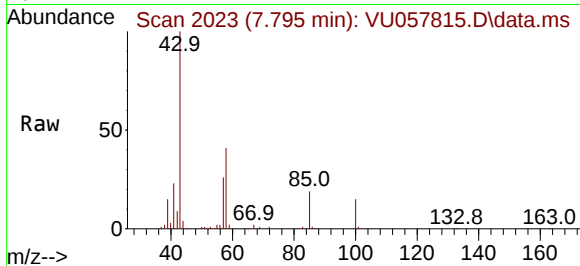
#45
4-Methyl-2-Pentanone
Concen: 10.091 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 43 Resp: 6846
Ion Ratio Lower Upper
43 100
58 40.3 20.9 62.8
85 17.8 14.6 21.8

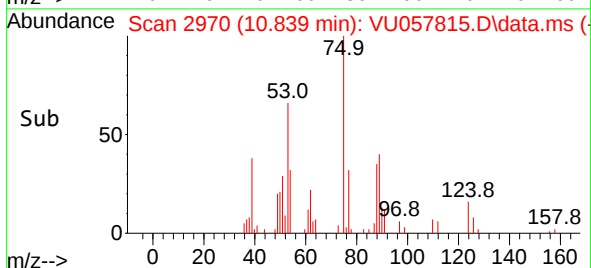
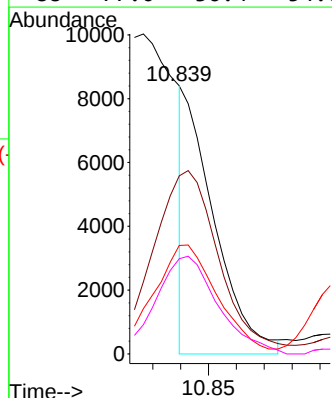
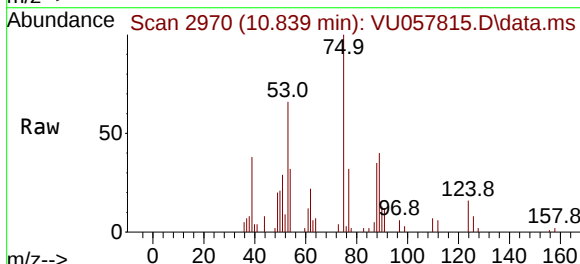
Manual Integrations
APPROVED

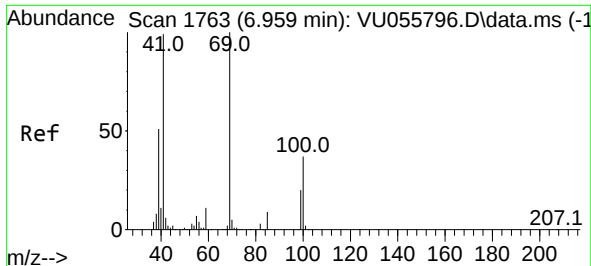
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 3.442 ug/l m
RT: 10.839 min Scan# 2970
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

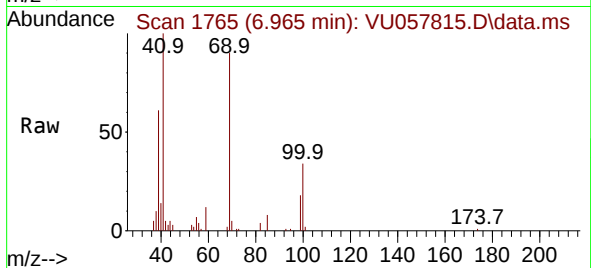
Tgt Ion: 75 Resp: 6264
Ion Ratio Lower Upper
75 100
53 152.3 73.3 109.9#
89 87.6 48.2 72.4#
88 77.0 36.4 54.6#





#47
Methyl methacrylate
Concen: 4.100 ug/l
RT: 6.965 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

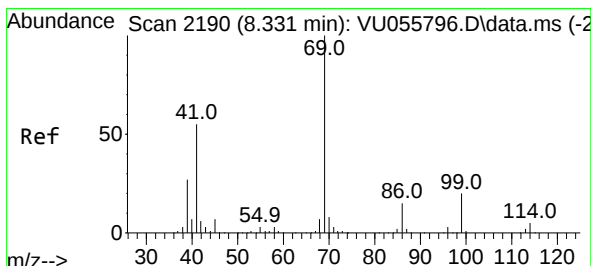
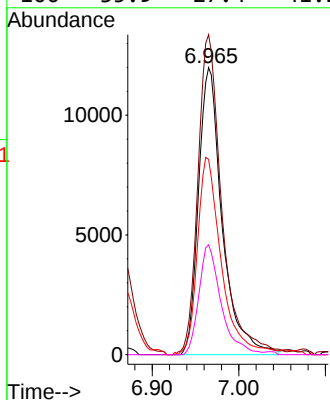
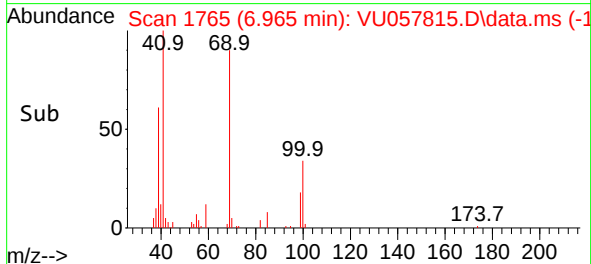
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion: 69 Resp: 2281
Ion Ratio Lower Upper
69 100
41 113.0 0.0 209.2
39 69.3 46.7 70.1
100 35.9 27.4 41.2

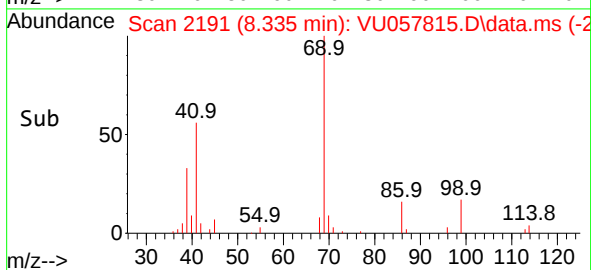
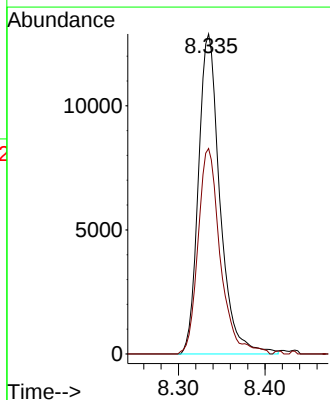
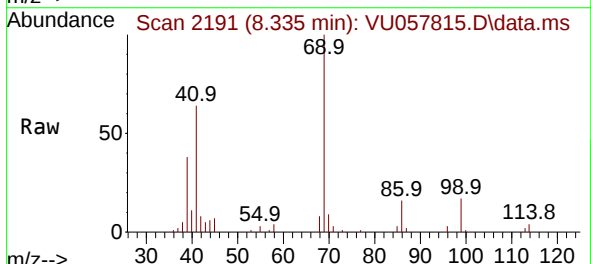
Manual Integrations
APPROVED

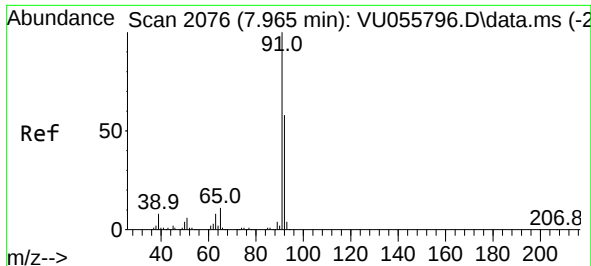
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 1.997 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion: 69 Resp: 22293
Ion Ratio Lower Upper
69 100
41 66.2 30.3 90.8





#49

Toluene

Concen: 2.039 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 92 Resp: 61630

Ion Ratio Lower Upper

92 100

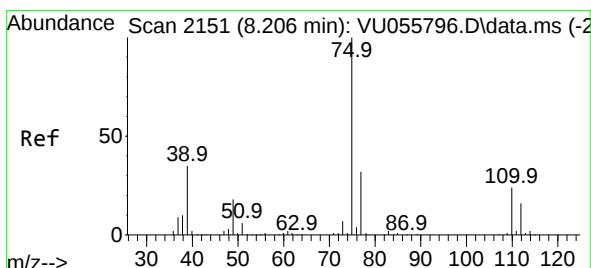
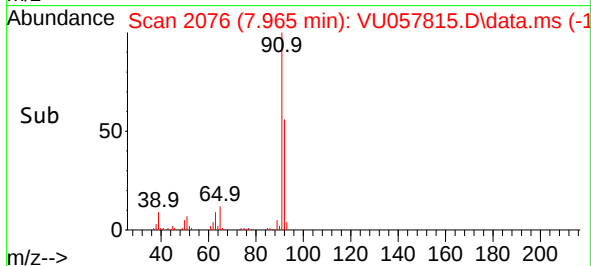
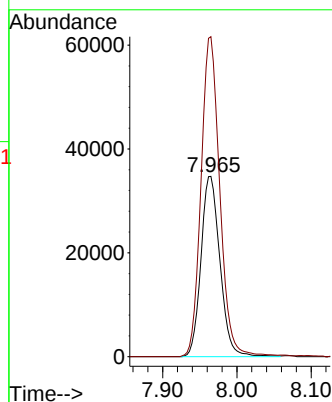
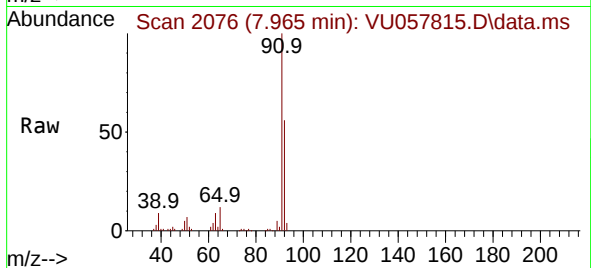
91 175.8 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 1.972 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057815.D

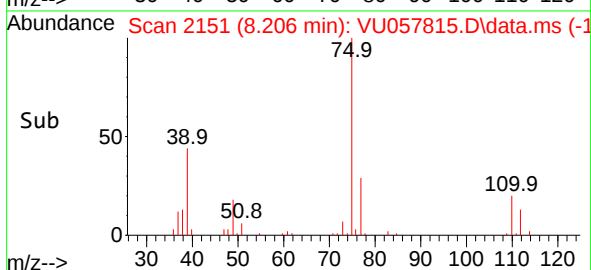
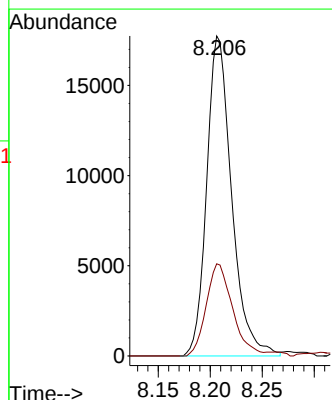
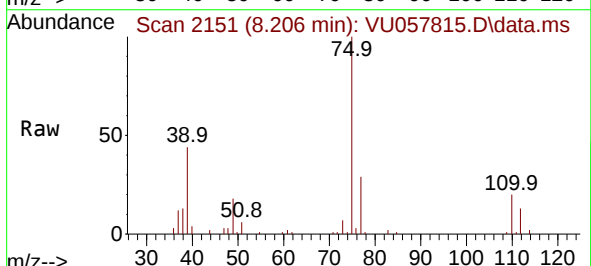
Acq: 06 Feb 2024 11:16

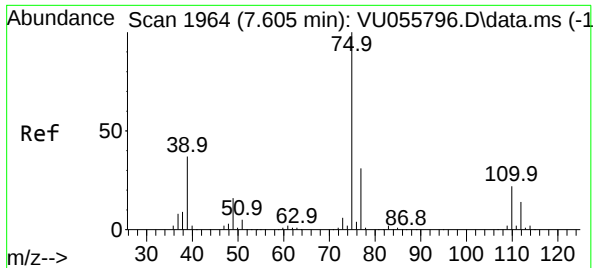
Tgt Ion: 75 Resp: 29580

Ion Ratio Lower Upper

75 100

77 28.8 25.3 37.9





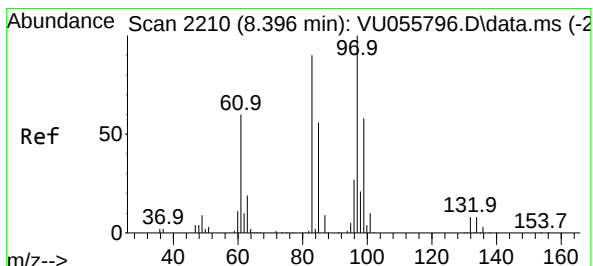
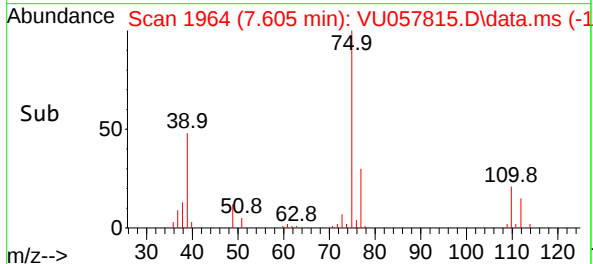
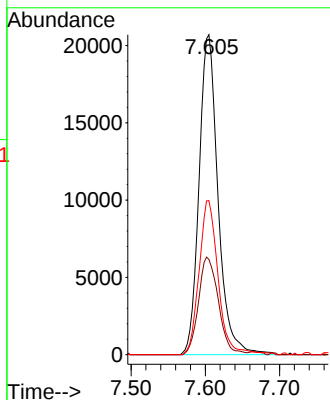
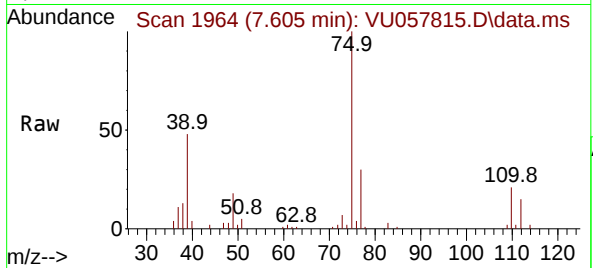
#51
 cis-1,3-Dichloropropene
 Concen: 1.967 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Tgt Ion: 75 Resp: 3680
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.7 38.5
 39 48.1 32.8 49.2

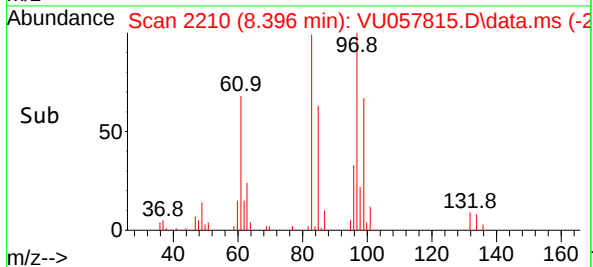
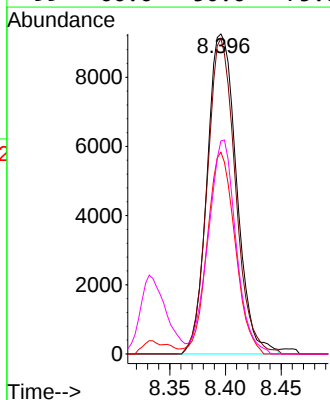
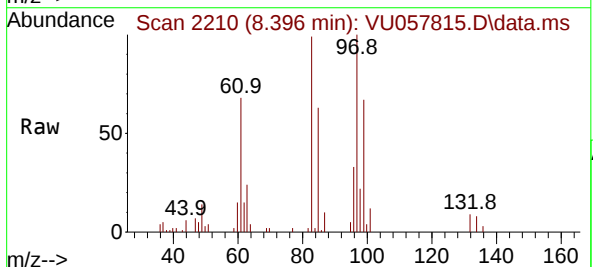
Manual Integrations
 APPROVED

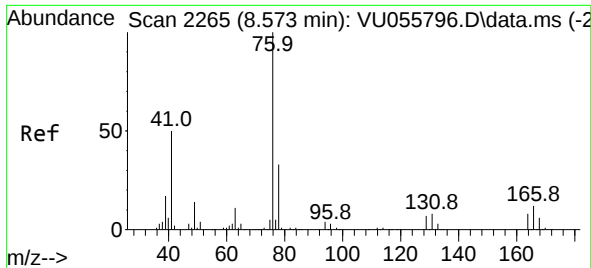
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 2.033 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

Tgt Ion: 97 Resp: 16987
 Ion Ratio Lower Upper
 97 100
 83 98.6 71.8 107.8
 85 63.1 45.2 67.8
 99 66.6 50.6 75.8





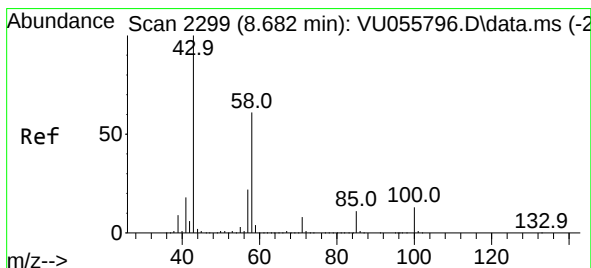
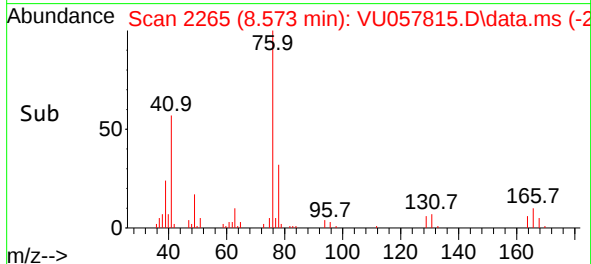
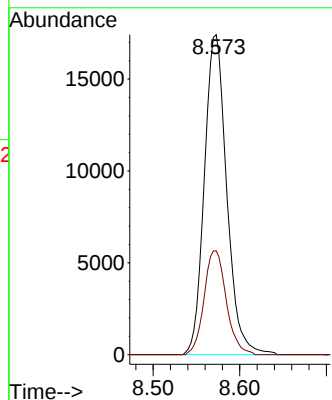
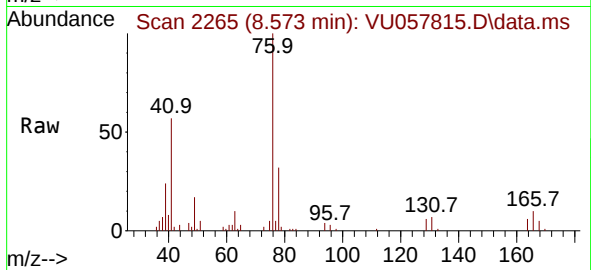
#53
1,3-Dichloropropane
Concen: 2.061 ug/l
RT: 8.573 min Scan# 2126
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 76 Resp: 3126
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

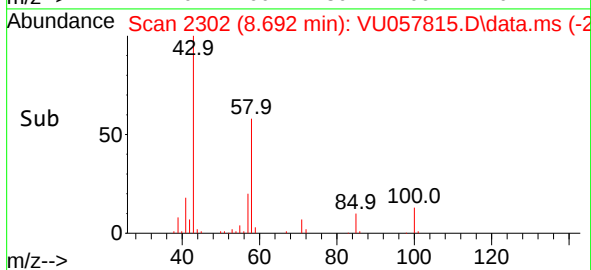
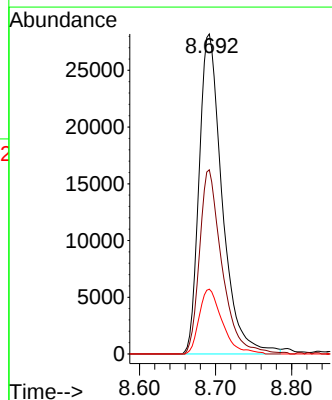
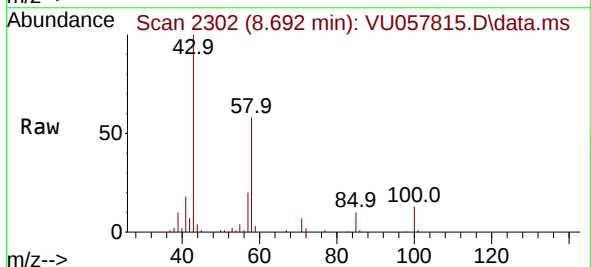
Manual Integrations
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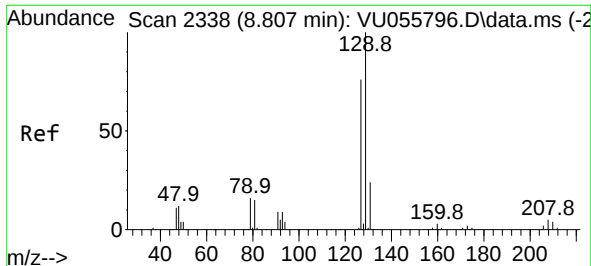
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 9.069 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

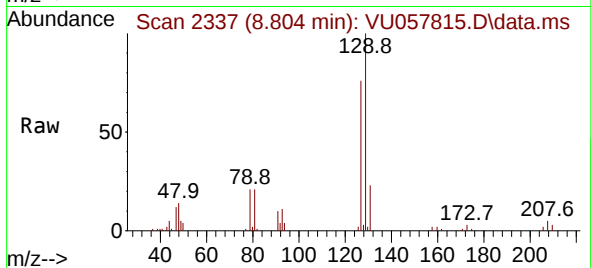
Tgt Ion: 43 Resp: 59578
Ion Ratio Lower Upper
43 100
58 56.0 38.2 78.2
57 20.2 0.0 39.1





#55
Dibromochloromethane
Concen: 2.032 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

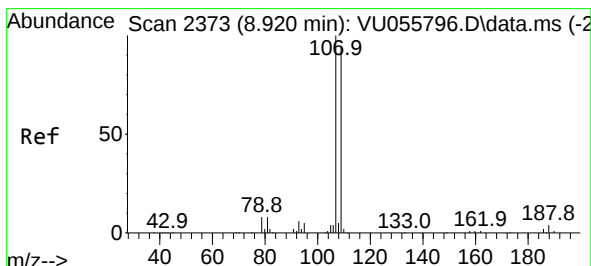
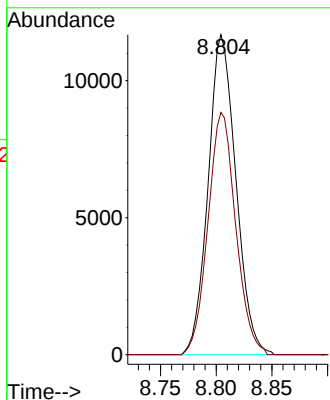
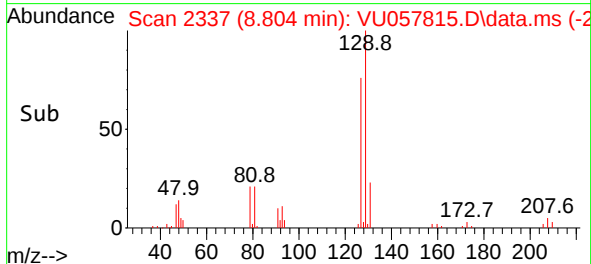
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion:129 Resp: 2027
Ion Ratio Lower Upper
129 100
127 75.6 61.4 92.0

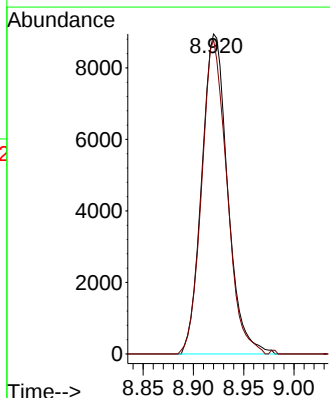
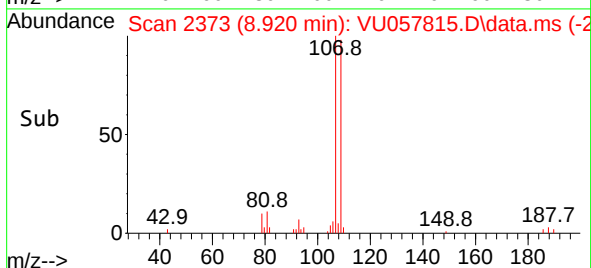
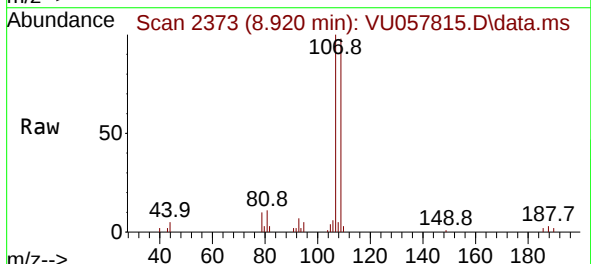
Manual Integrations
APPROVED

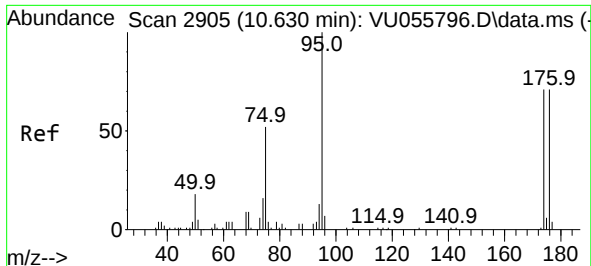
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 2.051 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

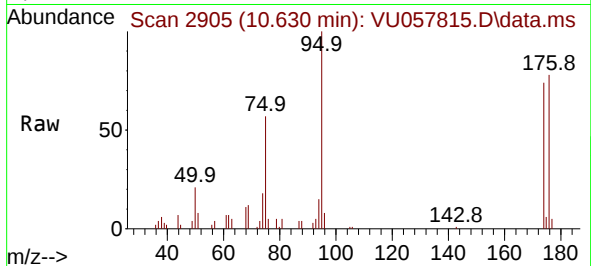
Tgt Ion:107 Resp: 16053
Ion Ratio Lower Upper
107 100
109 95.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.930 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

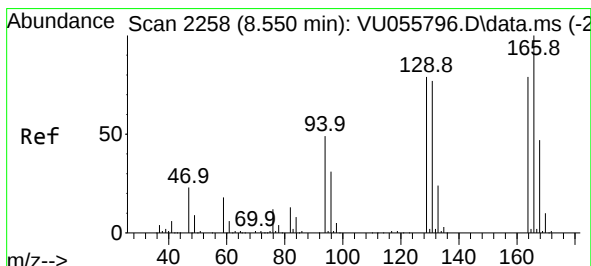
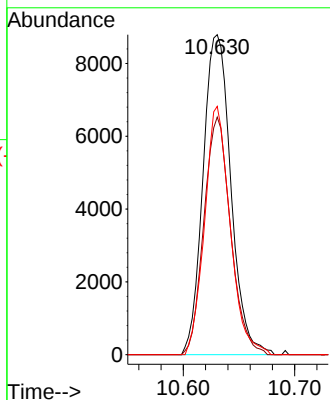
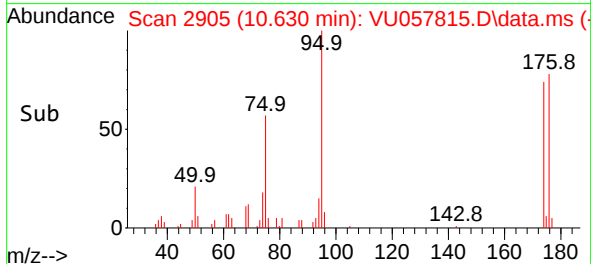
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion: 95 Resp: 1528
Ion Ratio Lower Upper
95 100
174 71.0 63.3 94.9
176 71.1 59.3 88.9

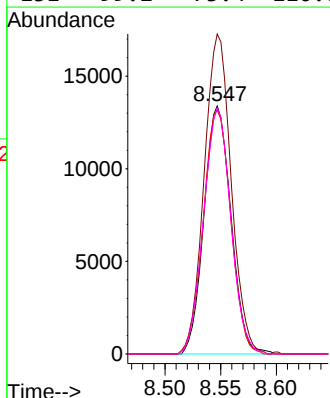
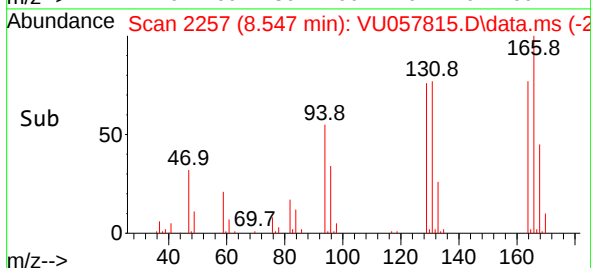
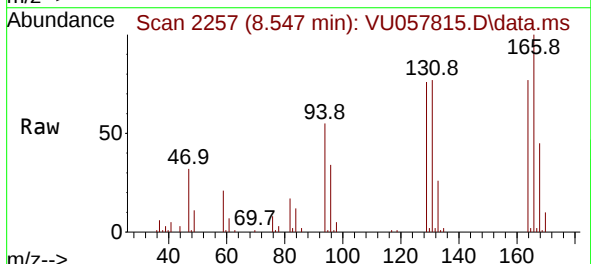
Manual Integrations
APPROVED

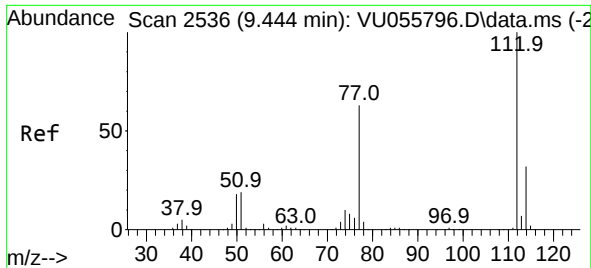
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 2.022 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

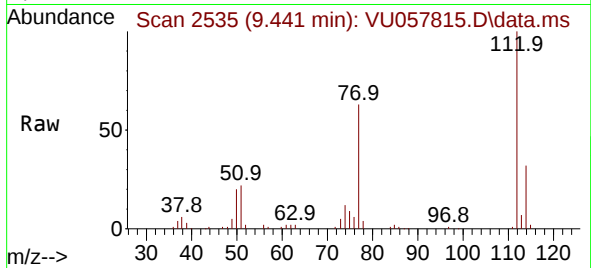
Tgt Ion:164 Resp: 22571
Ion Ratio Lower Upper
164 100
166 129.0 99.6 149.4
129 98.3 78.6 117.8
131 99.2 73.4 110.0





#59
Chlorobenzene
Concen: 2.013 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

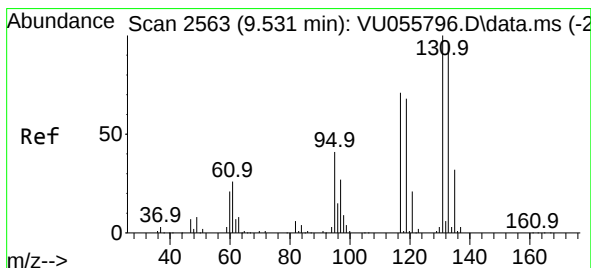
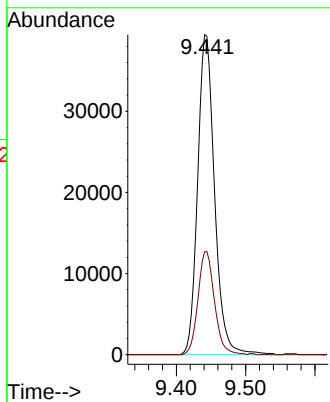
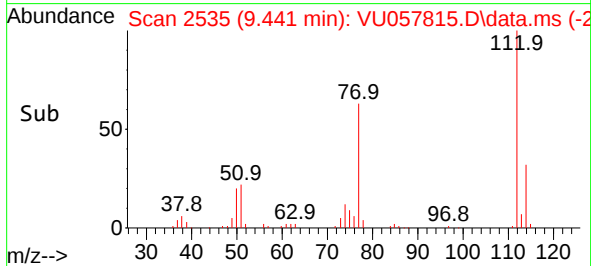
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion:112 Resp: 6689
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

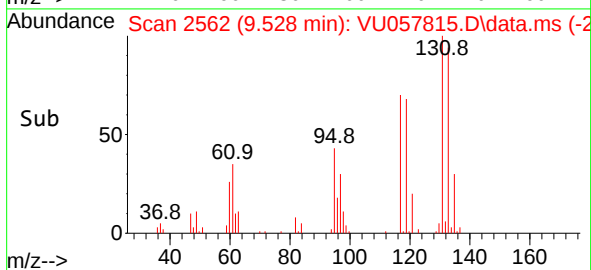
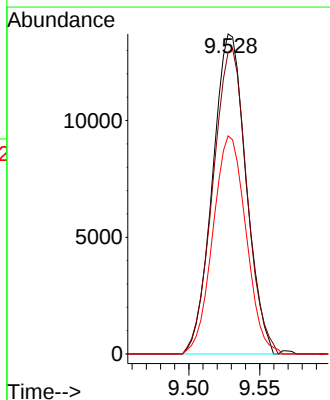
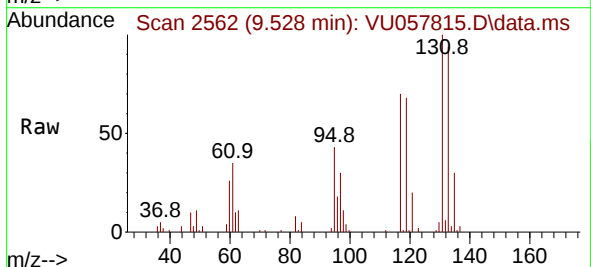
Manual Integrations
APPROVED

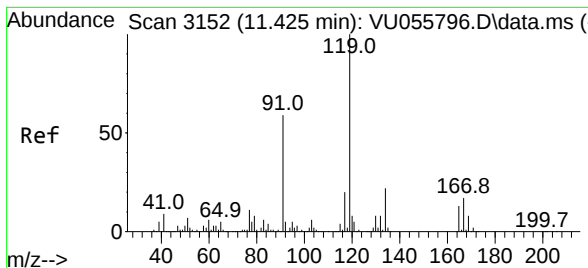
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 1.969 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion:131 Resp: 22439
Ion Ratio Lower Upper
131 100
133 97.1 77.8 116.6
119 67.7 55.2 82.8





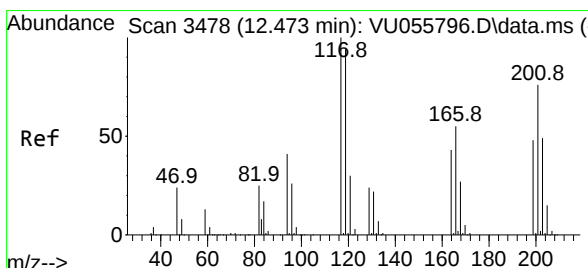
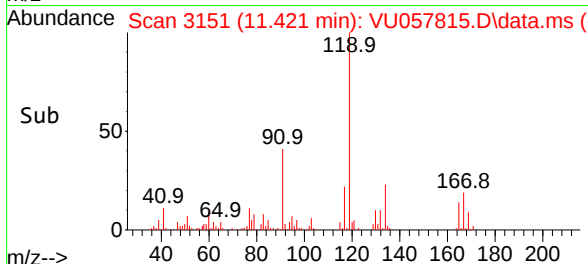
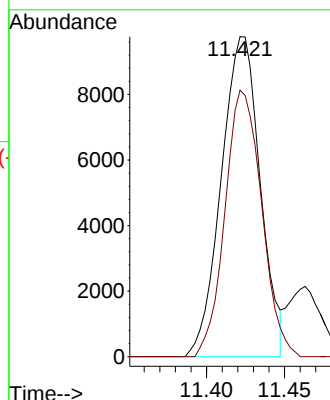
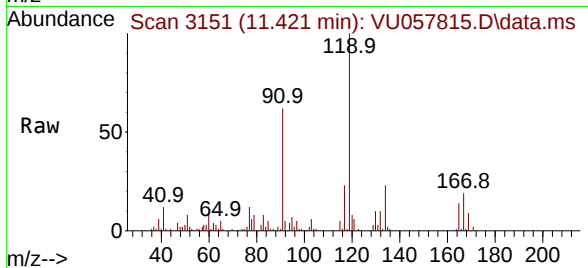
#61
Pentachloroethane
Concen: 2.019 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:117 Resp: 1696
Ion Ratio Lower Upper
117 100
167 78.4 56.7 85.1

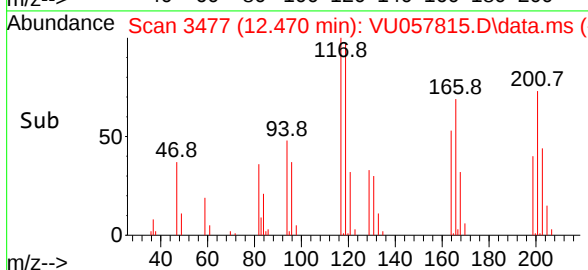
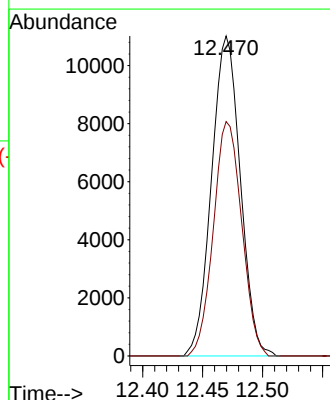
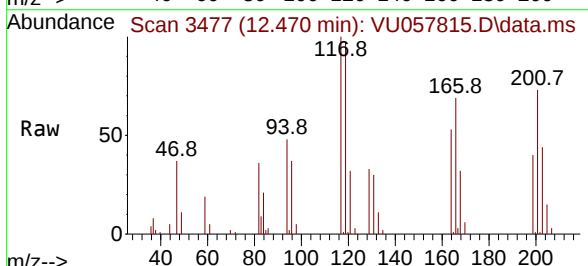
Manual Integrations
APPROVED

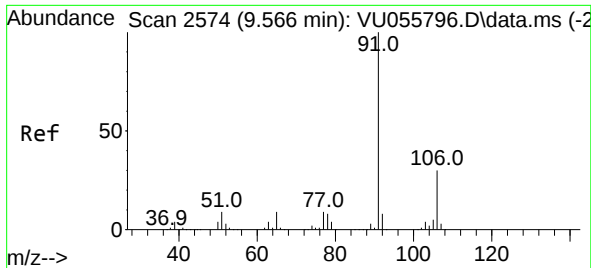
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 1.888 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion:117 Resp: 18376
Ion Ratio Lower Upper
117 100
201 72.1 59.6 89.4





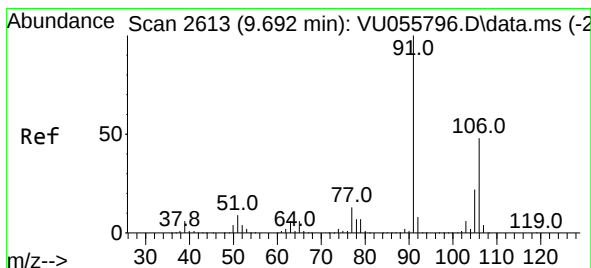
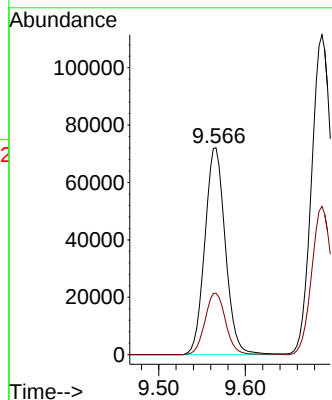
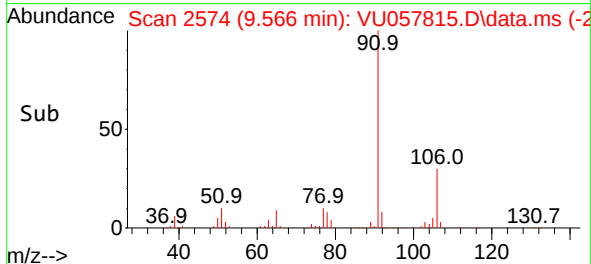
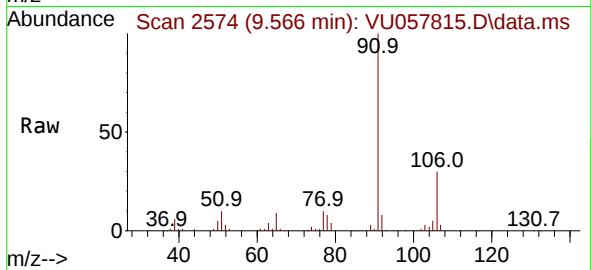
#63
Ethyl Benzene
Concen: 1.983 ug/l
RT: 9.566 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion: 91 Resp: 118600
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

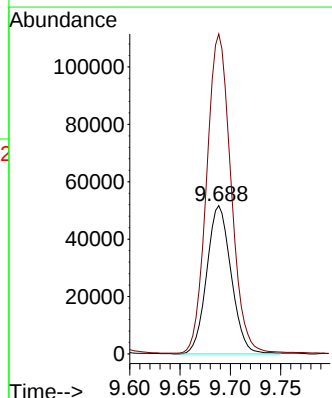
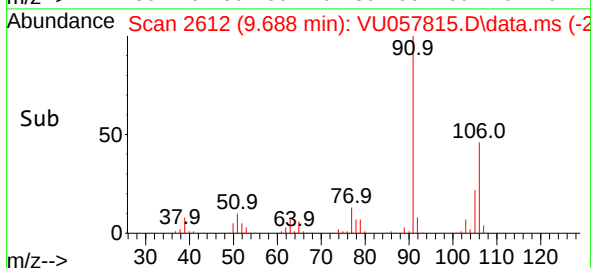
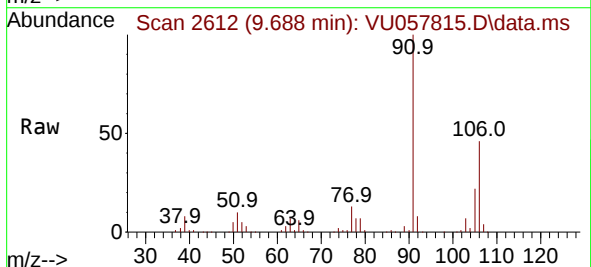
Manual Integrations
APPROVED

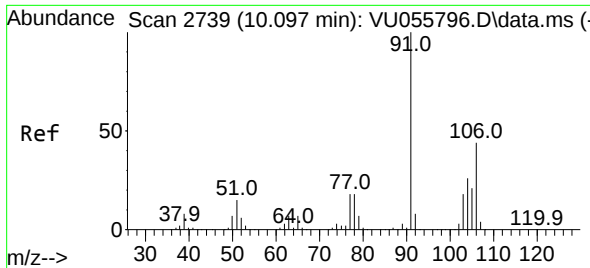
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 3.986 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion:106 Resp: 87351
Ion Ratio Lower Upper
106 100
91 215.7 167.3 250.9





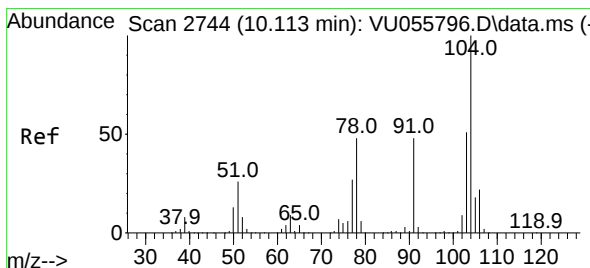
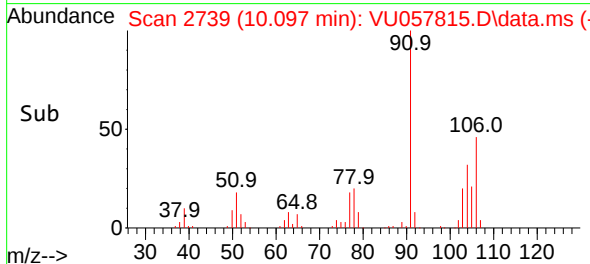
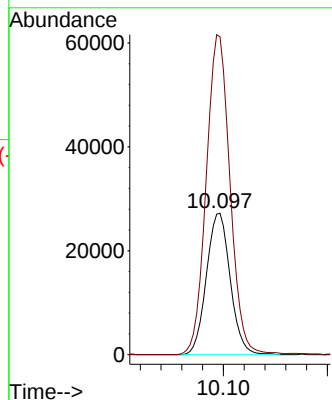
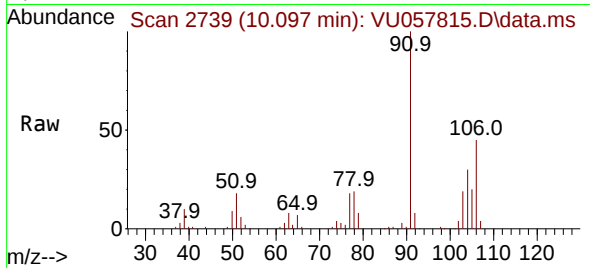
#65
o-Xylene
Concen: 1.987 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:106 Resp: 43250
Ion Ratio Lower Upper
106 100
91 226.5 109.3 327.9

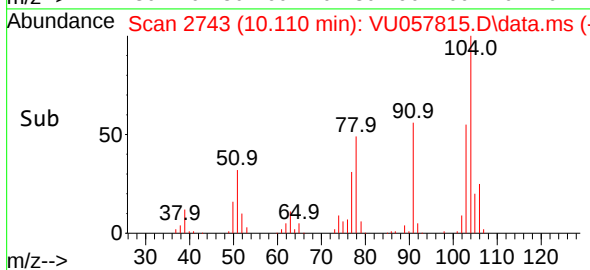
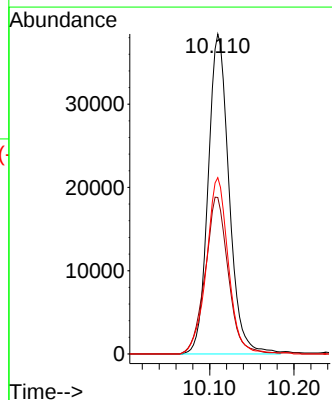
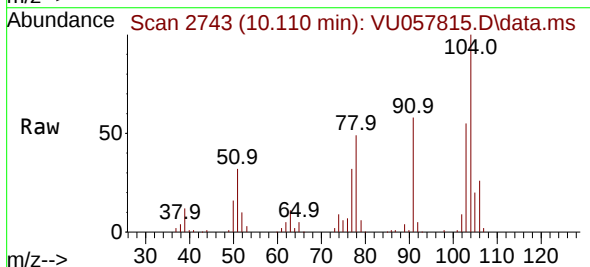
Manual Integrations
APPROVED

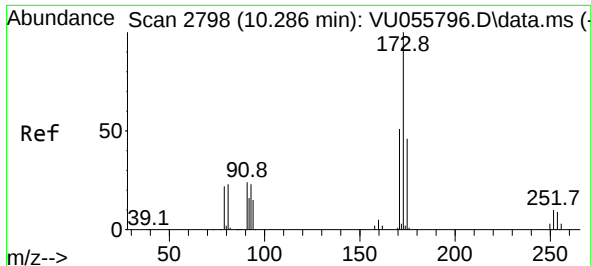
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 1.978 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

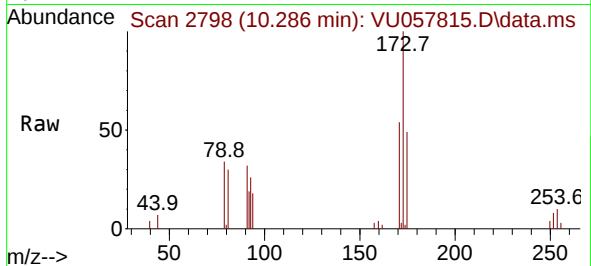
Tgt Ion:104 Resp: 66495
Ion Ratio Lower Upper
104 100
78 54.1 39.7 59.5
103 57.7 44.8 67.2





#67
Bromoform
Concen: 1.948 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

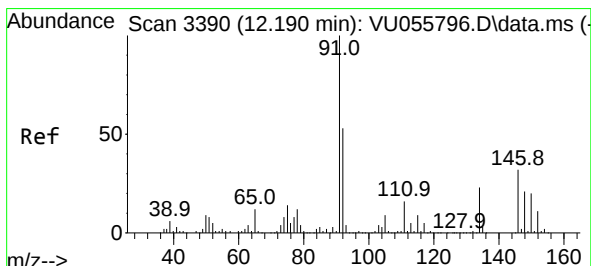
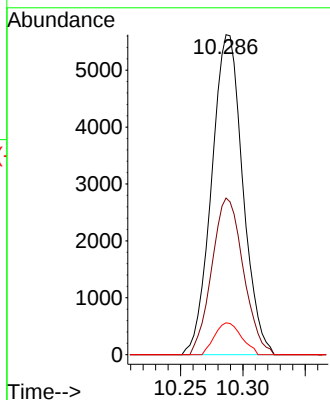
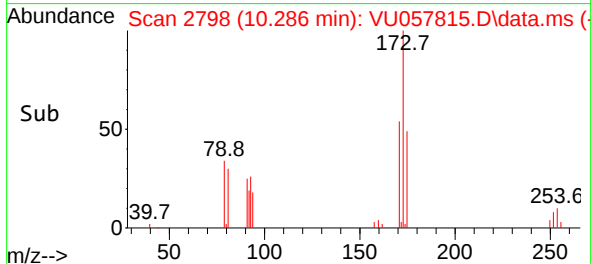
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



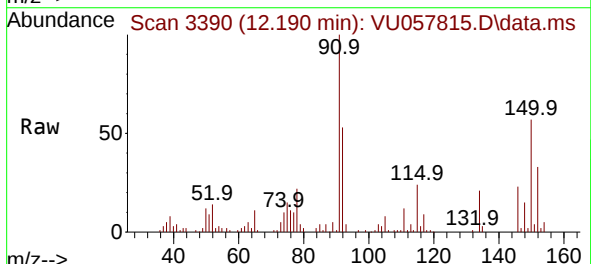
Tgt Ion:173 Resp: 978
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
254 8.5 7.4 11.0

Manual Integrations
APPROVED

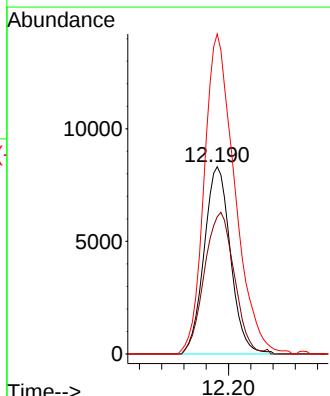
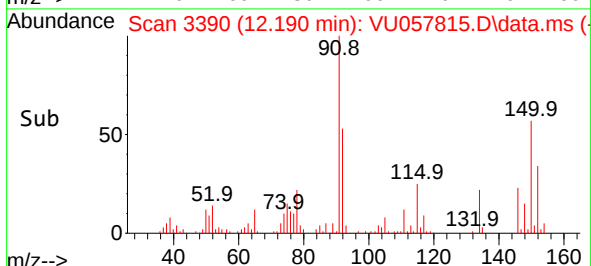
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

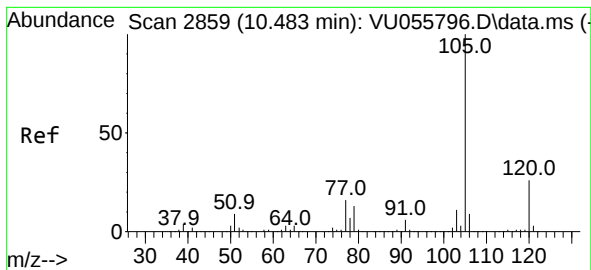


#68
1,2-Dichlorobenzene-d4
Concen: 0.940 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion:152 Resp: 13662
Ion Ratio Lower Upper
152 100
115 86.0 0.0 308.8
150 197.9 0.0 635.0





#69

Isopropylbenzene

Concen: 1.988 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion:105 Resp: 11484

Ion Ratio Lower Upper

105 100

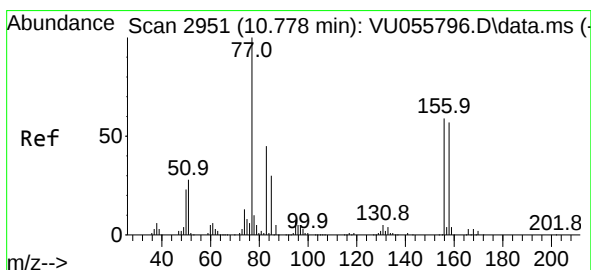
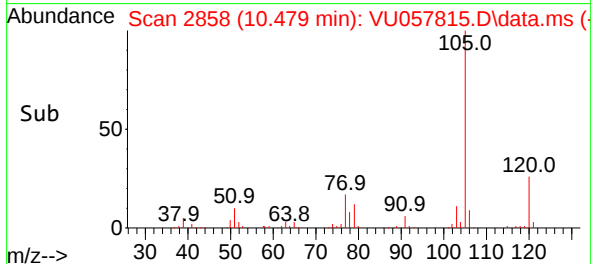
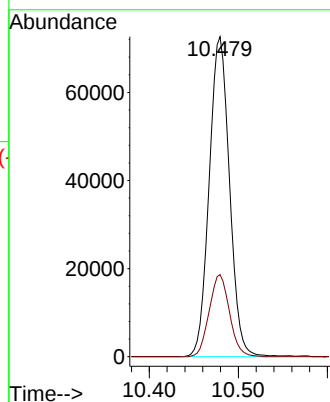
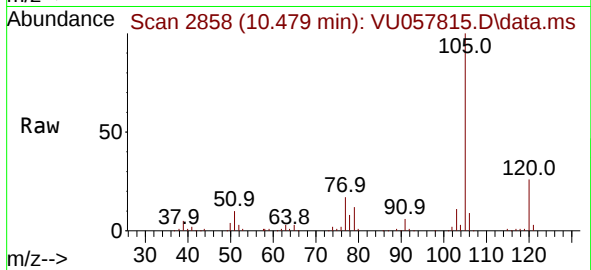
120 25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 2.059 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

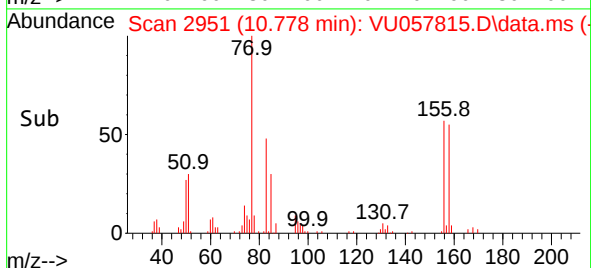
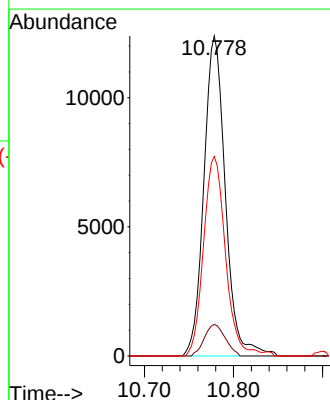
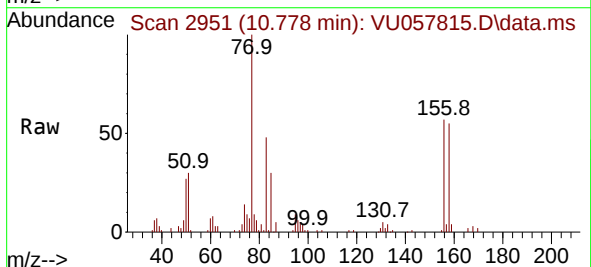
Tgt Ion: 83 Resp: 20713

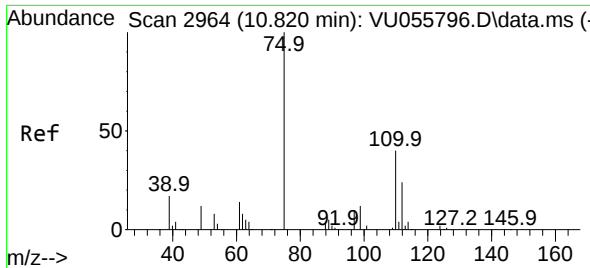
Ion Ratio Lower Upper

83 100

131 9.6 7.2 10.8

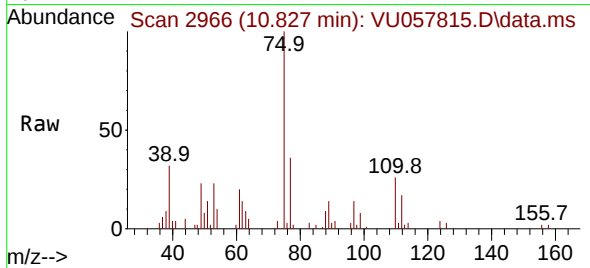
85 63.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 2.102 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.006 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

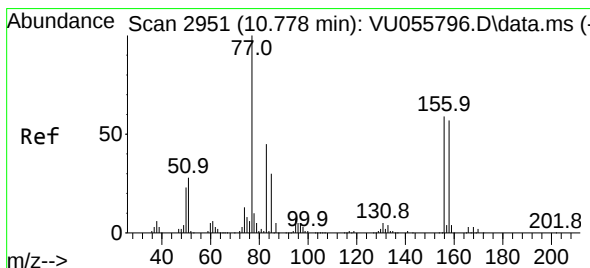
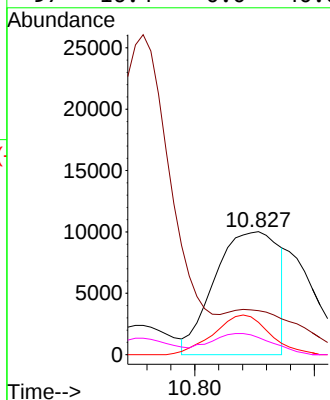
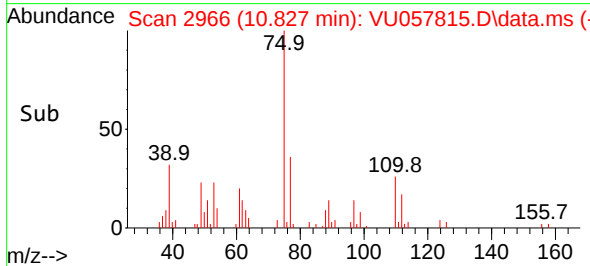
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



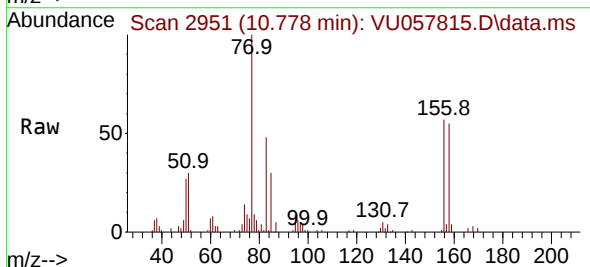
Tgt Ion:	75	Resp:	1868
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	28.1	0.0	74.6
97	16.4	0.0	40.0

Manual Integrations
APPROVED

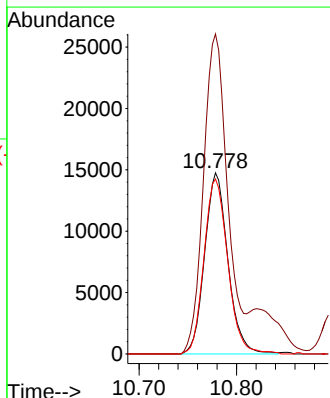
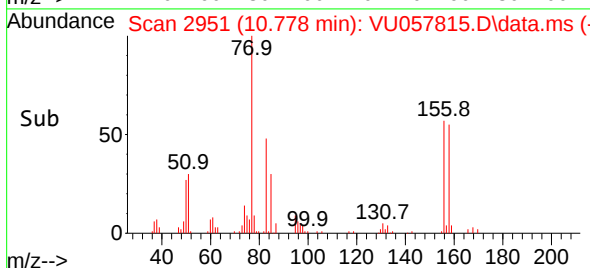
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

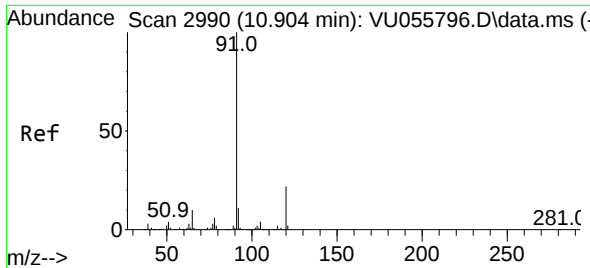


#72
Bromobenzene
Concen: 1.978 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion:	156	Resp:	24470
Ion Ratio	Lower	Upper	
156	100		
77	182.4	0.0	343.0
158	98.9	0.0	194.8





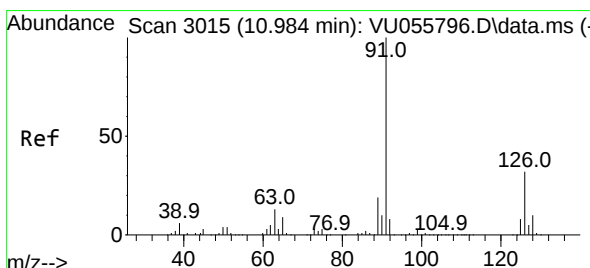
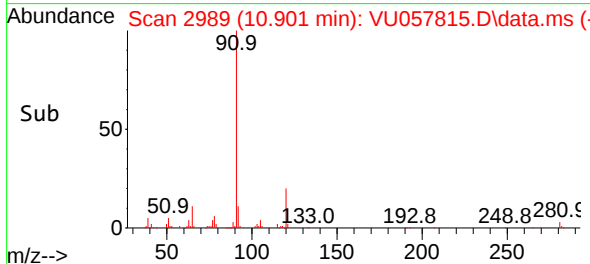
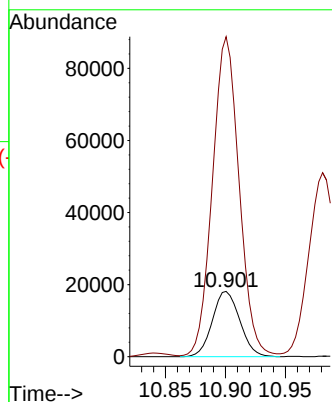
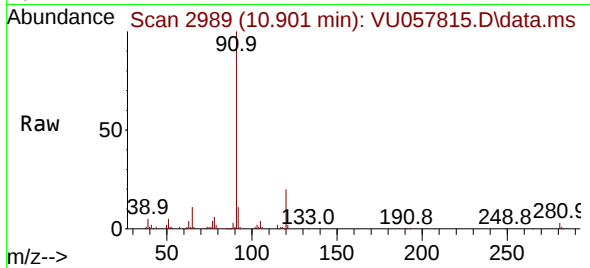
#73
n-propylbenzene
Concen: 1.910 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:120 Resp: 28774
Ion Ratio Lower Upper
120 100
91 473.0 369.8 554.6

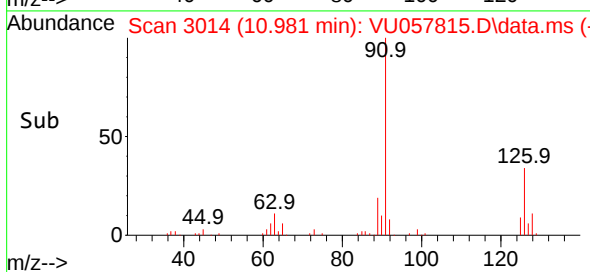
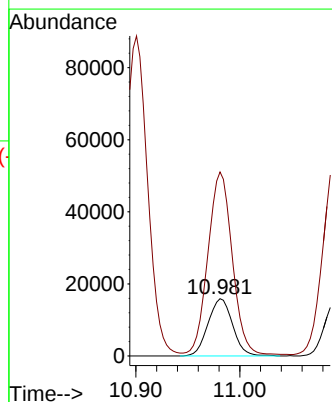
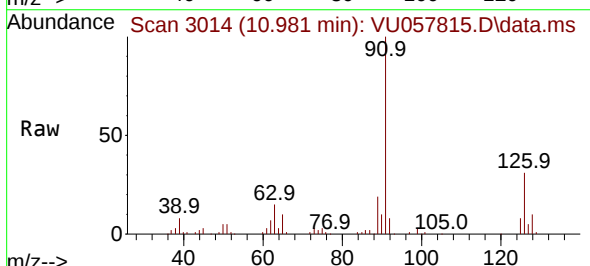
Manual Integrations
APPROVED

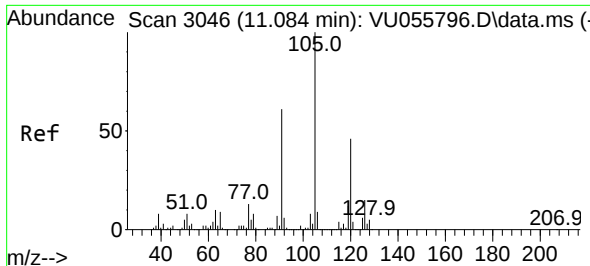
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 1.980 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

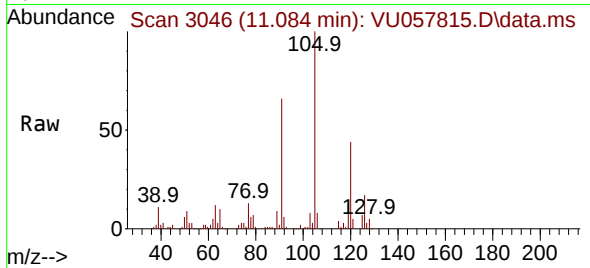
Tgt Ion:126 Resp: 26065
Ion Ratio Lower Upper
126 100
91 316.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.995 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

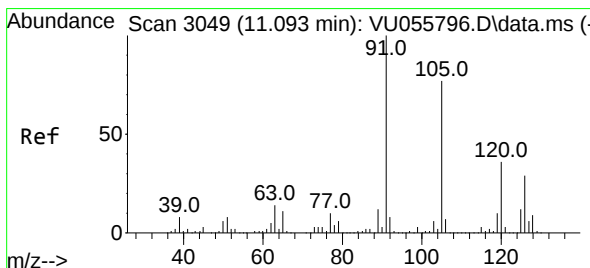
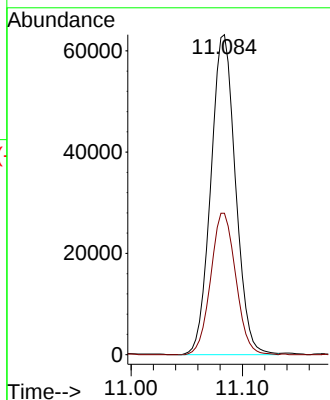
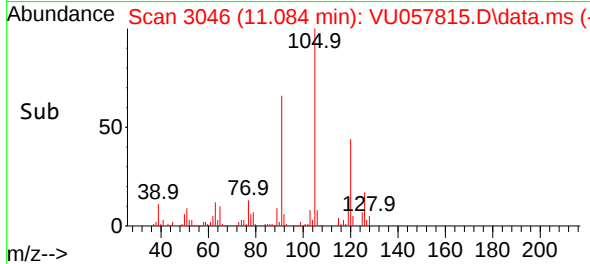
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



Tgt Ion:105 Resp: 97392
Ion Ratio Lower Upper
105 100
120 44.8 37.8 56.8

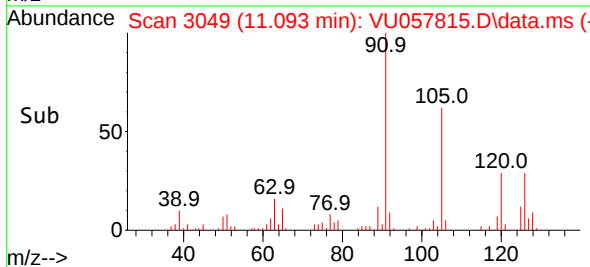
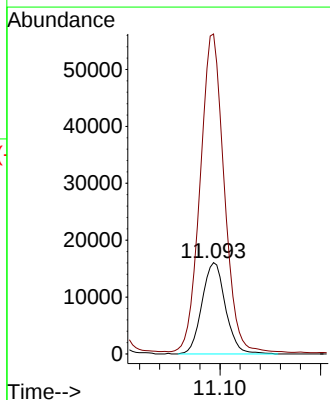
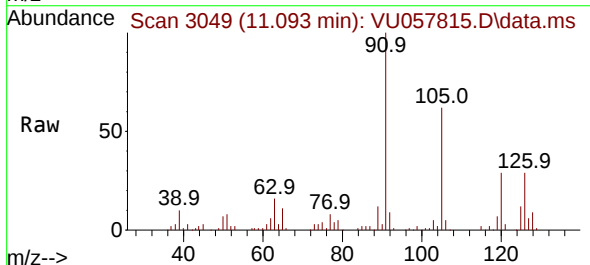
Manual Integrations
APPROVED

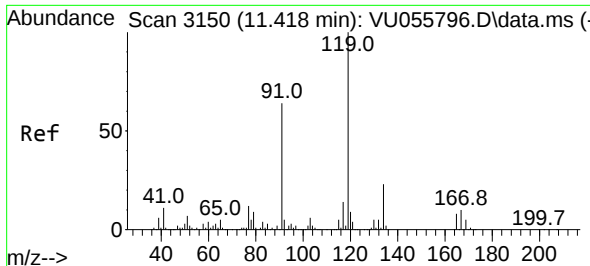
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#76
4-Chlorotoluene
Concen: 1.964 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

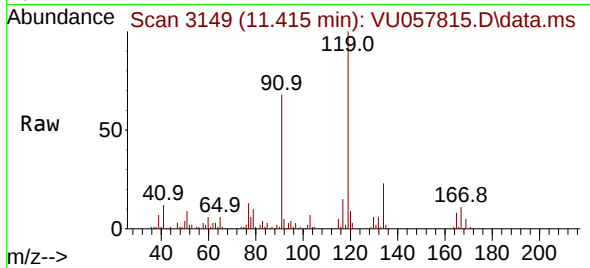
Tgt Ion:126 Resp: 26037
Ion Ratio Lower Upper
126 100
91 356.0 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.967 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

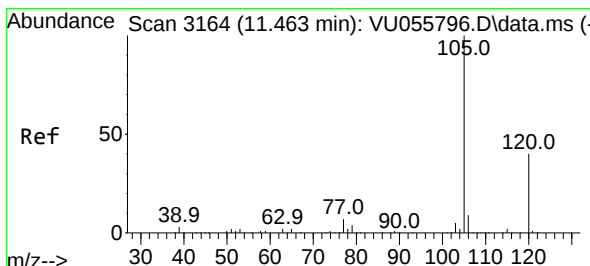
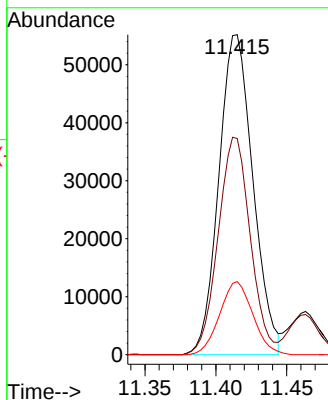
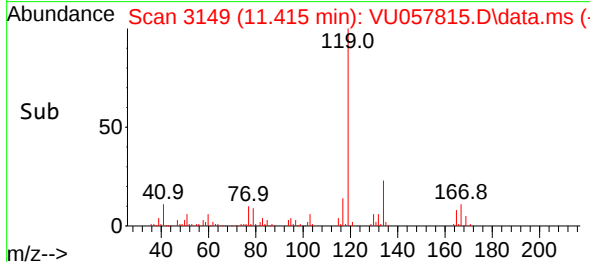
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



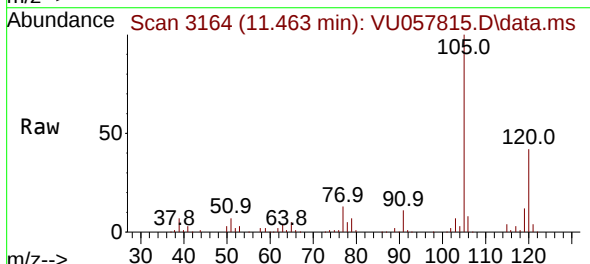
Tgt Ion:119 Resp: 92520
Ion Ratio Lower Upper
119 100
91 64.4 30.8 92.4
134 22.2 18.0 27.0

Manual Integrations
APPROVED

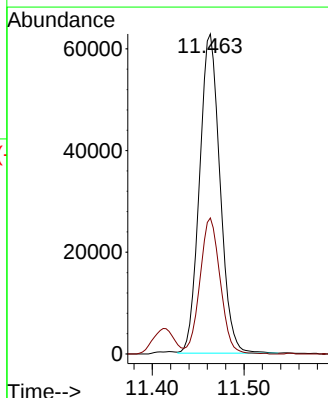
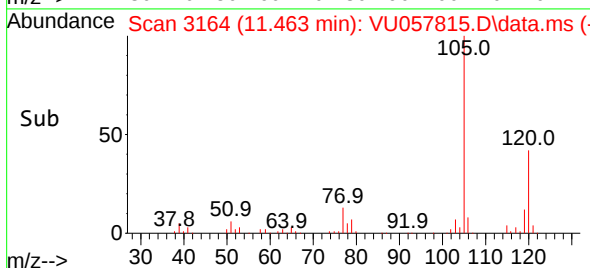
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

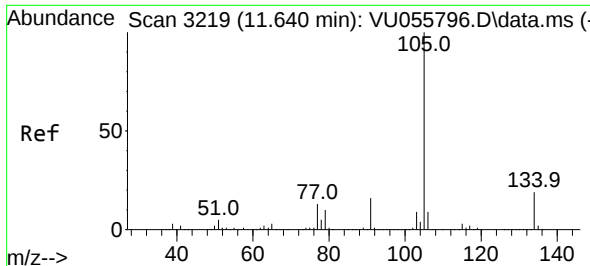


#78
1,2,4-Trimethylbenzene
Concen: 1.975 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



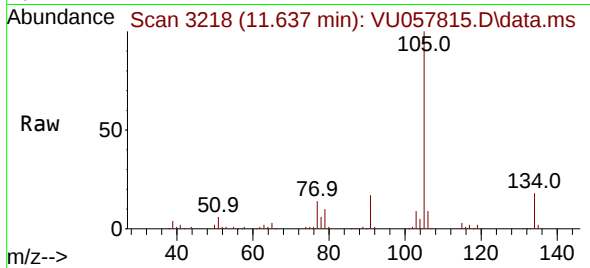
Tgt Ion:105 Resp: 97511
Ion Ratio Lower Upper
105 100
120 42.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.983 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.003 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

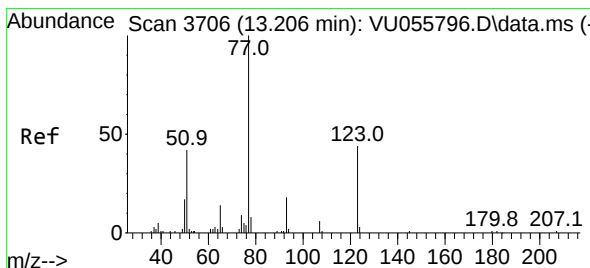
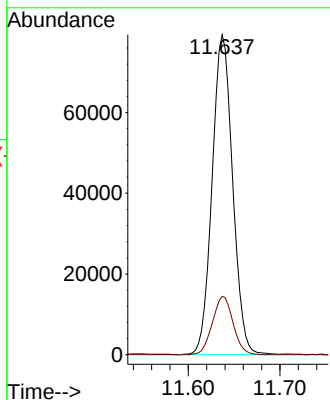
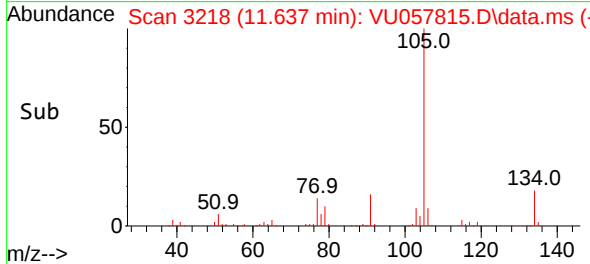
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01



Tgt Ion:105 Resp: 12318
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.9 22.3

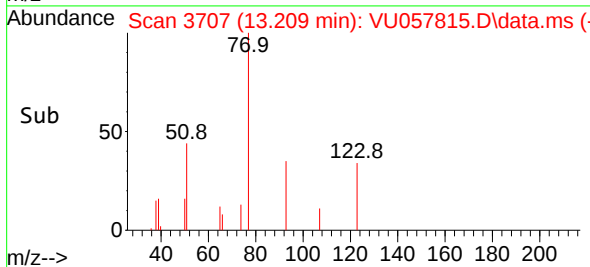
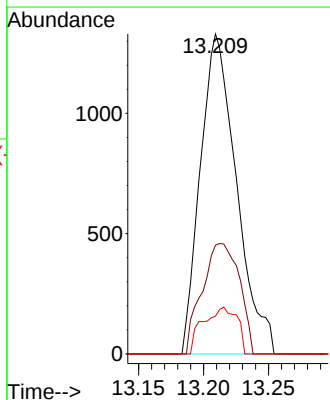
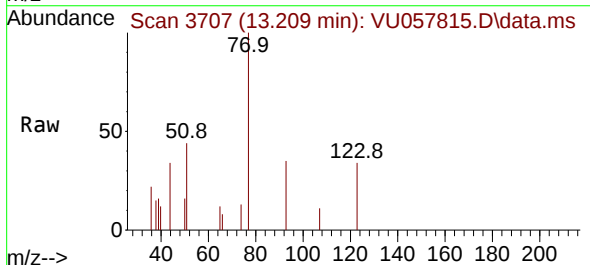
Manual Integrations
 APPROVED

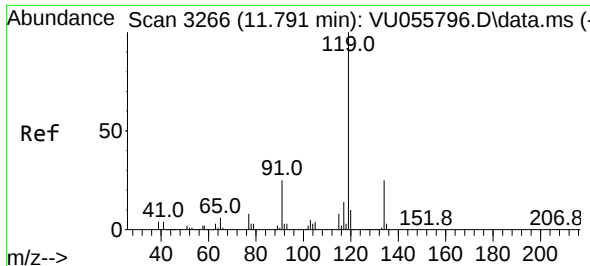
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 9.506 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: VU057815.D
 Acq: 06 Feb 2024 11:16

Tgt Ion: 77 Resp: 2566
 Ion Ratio Lower Upper
 77 100
 123 35.7 19.7 69.7
 65 13.7 11.5 14.7





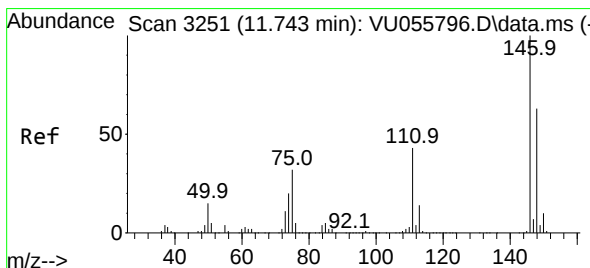
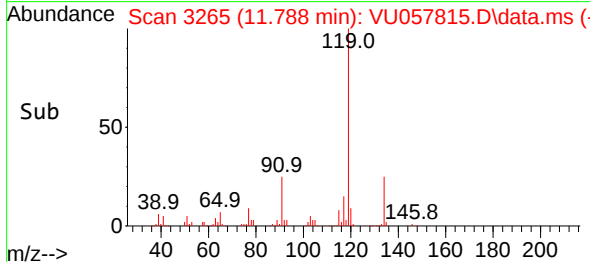
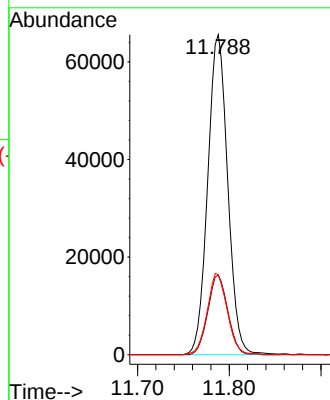
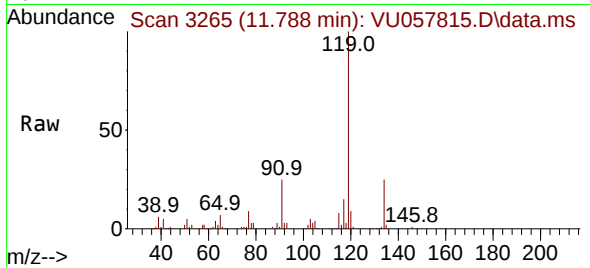
#81
p-Isopropyltoluene
Concen: 1.944 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:119 Resp: 99278
Ion Ratio Lower Upper
119 100
134 24.7 20.2 30.4
91 25.4 19.3 28.9

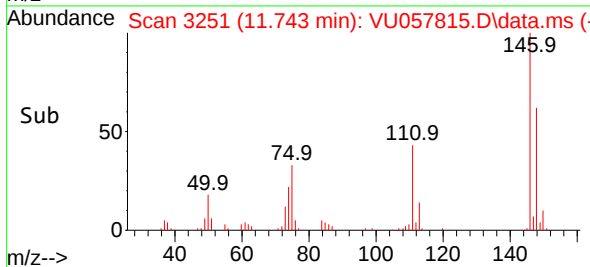
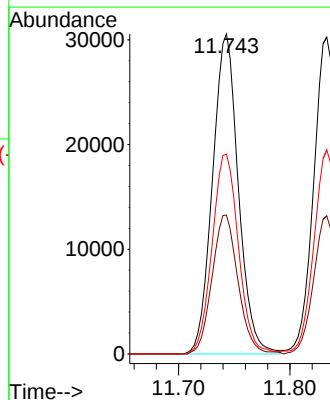
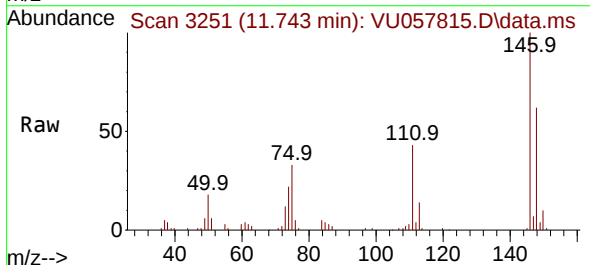
Manual Integrations
APPROVED

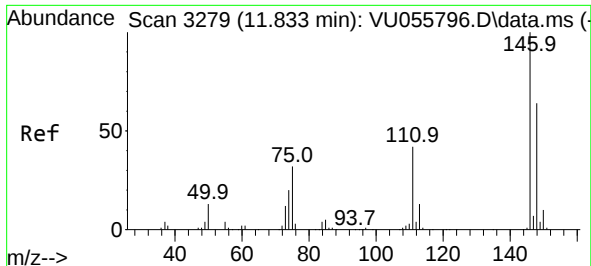
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 1.993 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

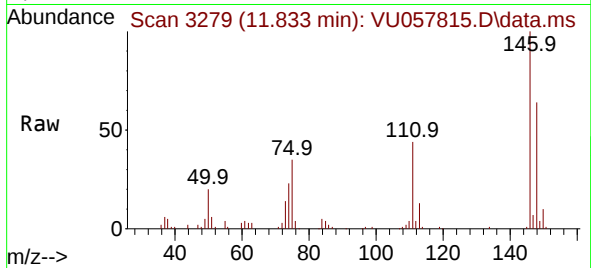
Tgt Ion:146 Resp: 49283
Ion Ratio Lower Upper
146 100
111 43.5 32.6 49.0
148 63.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.970 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

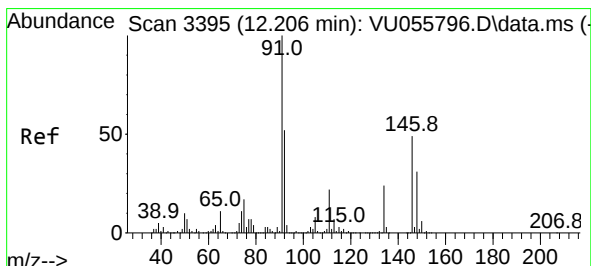
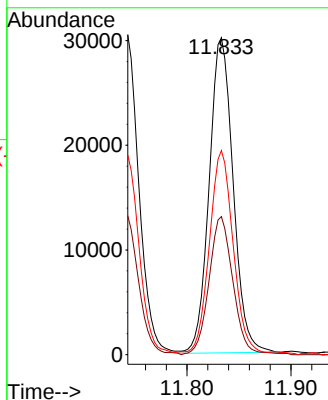
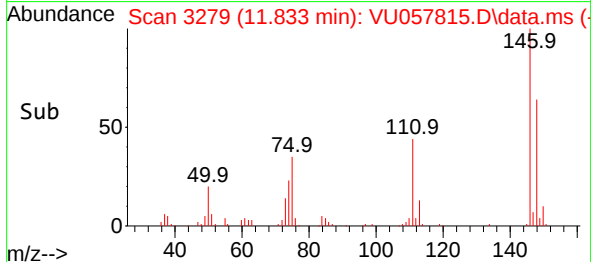
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



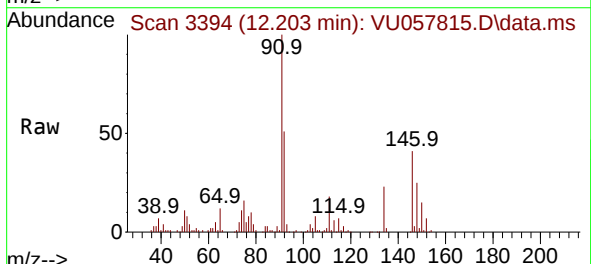
Tgt Ion:146 Resp: 48259
Ion Ratio Lower Upper
146 100
111 43.6 31.6 47.4
148 62.9 50.3 75.5

Manual Integrations
APPROVED

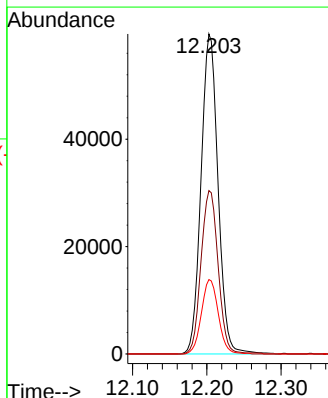
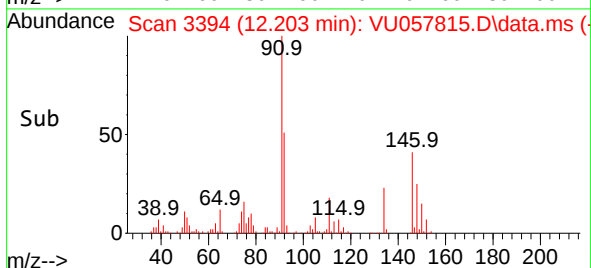
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

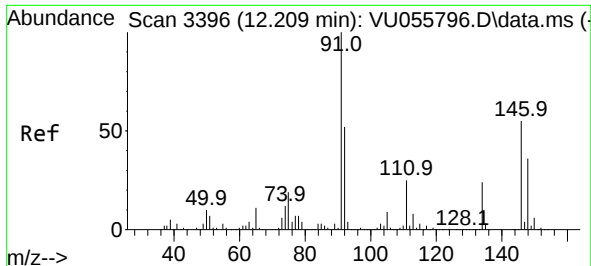


#84
n-Butylbenzene
Concen: 1.939 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



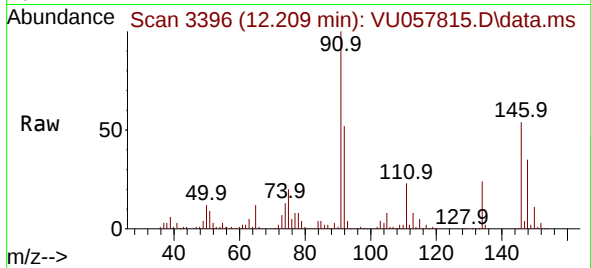
Tgt Ion: 91 Resp: 94526
Ion Ratio Lower Upper
91 100
92 51.2 40.8 61.2
134 23.1 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 1.999 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

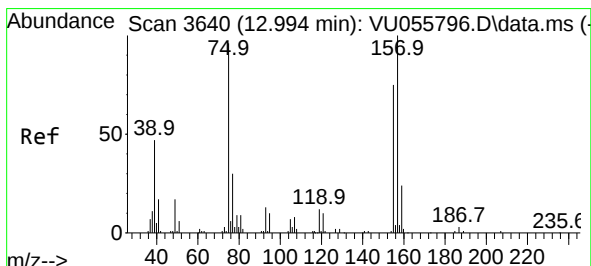
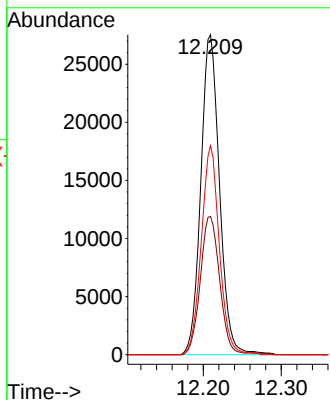
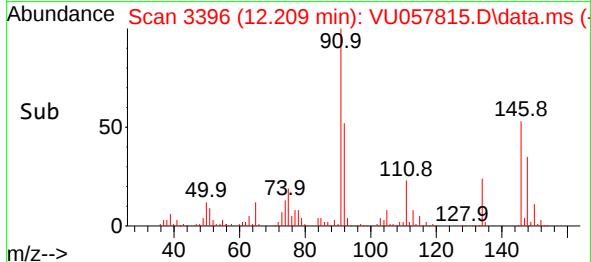
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01



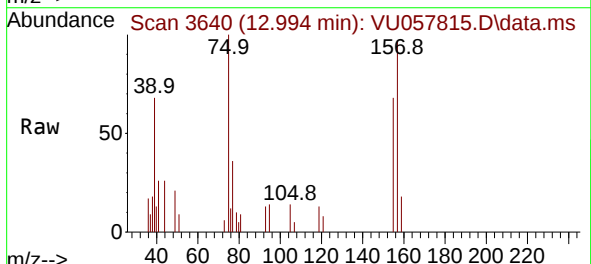
Tgt Ion:146 Resp: 4593
Ion Ratio Lower Upper
146 100
111 44.4 21.6 64.6
148 63.0 32.1 96.5

Manual Integrations
APPROVED

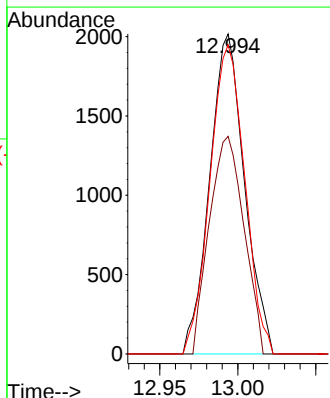
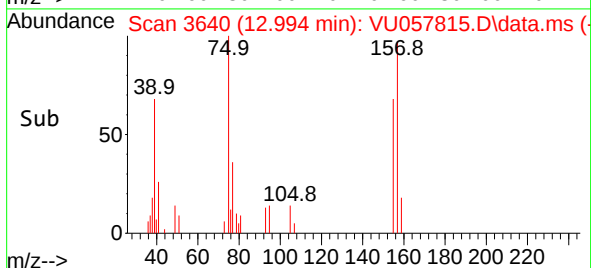
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

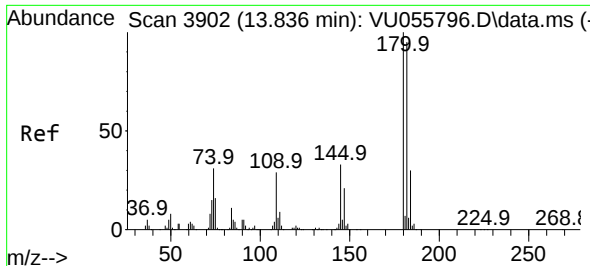


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.865 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16



Tgt Ion: 75 Resp: 3133
Ion Ratio Lower Upper
75 100
155 67.4 61.8 92.8
157 96.4 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 1.975 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

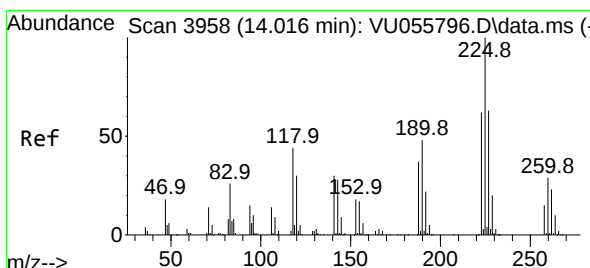
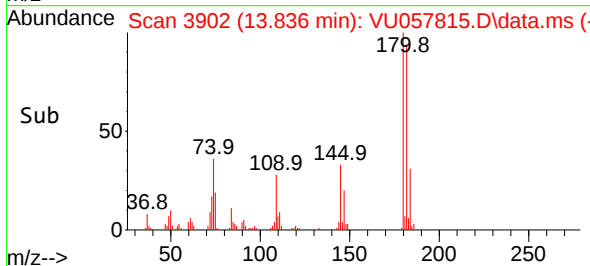
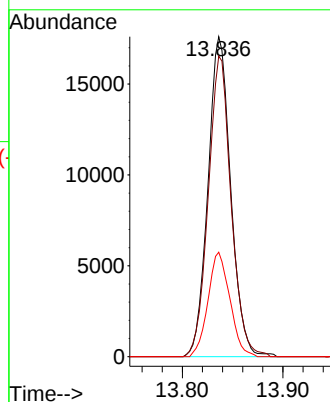
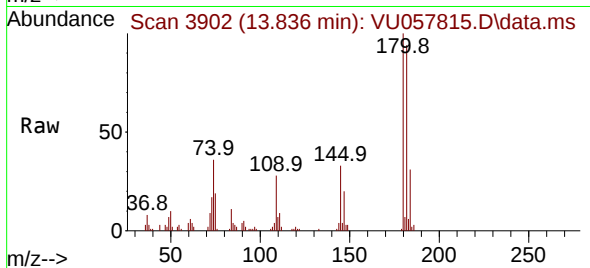
Tgt Ion:180	Resp:	27690
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.8 113.6
145	31.4	23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#88

Hexachlorobutadiene

Concen: 2.032 ug/l

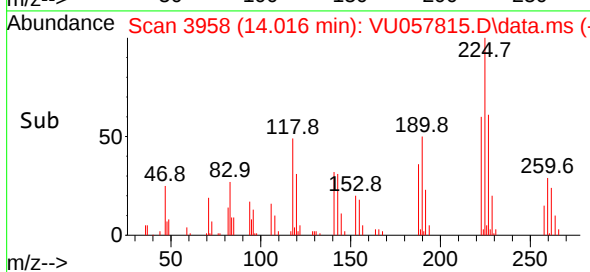
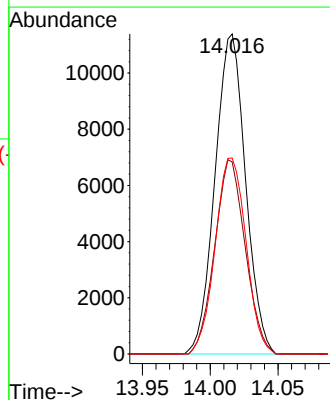
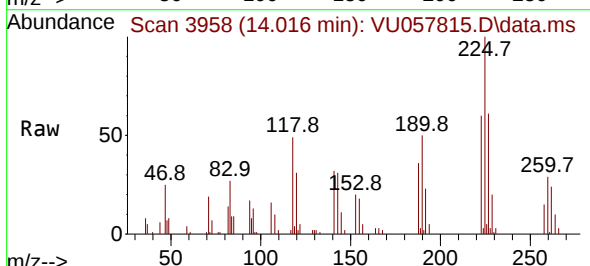
RT: 14.016 min Scan# 3958

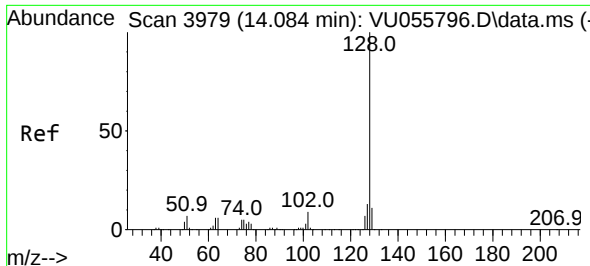
Delta R.T. 0.000 min

Lab File: VU057815.D

Acq: 06 Feb 2024 11:16

Tgt Ion:225	Resp:	17856
Ion Ratio	Lower	Upper
225	100	
223	60.7	50.2 75.4
227	61.8	51.5 77.3





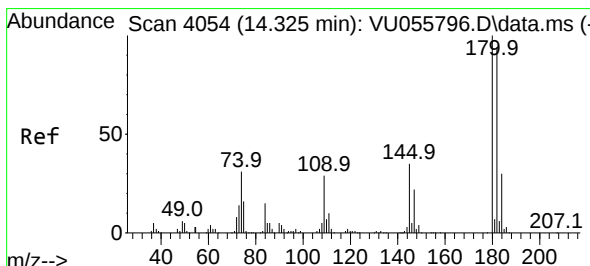
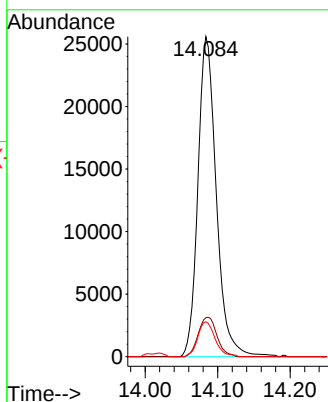
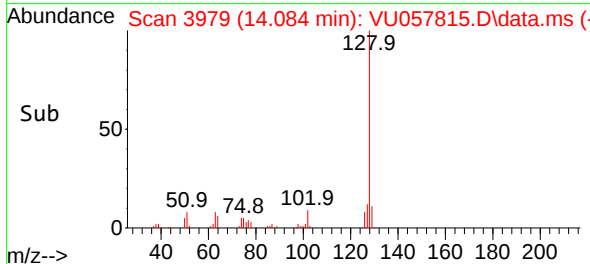
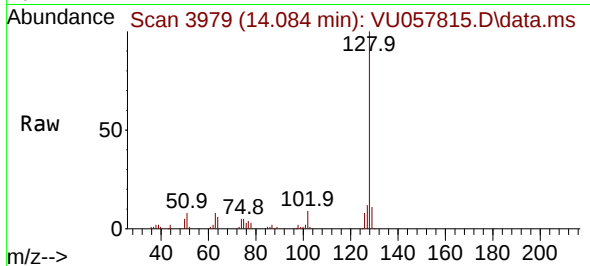
#89
Naphthalene
Concen: 1.833 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:128 Resp: 45020
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 10.3 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.917 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU057815.D
Acq: 06 Feb 2024 11:16

Tgt Ion:180 Resp: 23065
Ion Ratio Lower Upper
180 100
182 93.4 75.7 113.5
145 33.4 26.1 39.1

