

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057812.D
 Acq On : 06 Feb 2024 09:08
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 02:57:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	44637	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	18151	1.108	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14593	1.007	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	150933	10.340	ug/l	100
3) Chloromethane	1.518	50	140638	10.037	ug/l	99
4) Vinyl Chloride	1.602	62	150143	10.377	ug/l	99
5) Bromomethane	1.856	94	94712	10.841	ug/l	97
6) Chloroethane	1.930	64	93411	10.030	ug/l	97
7) Trichlorofluoromethane	2.136	101	222135	10.138	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	112872	10.302	ug/l	95
9) 1,1-Dichloroethene	2.576	96	108287	10.079	ug/l	99
10) Iodomethane	2.718	142	173236	10.028	ug/l	93
11) Allyl Chloride	2.917	41	165653	10.104	ug/l	91
12) Acrylonitrile	3.316	53	45843	20.217	ug/l	97
13) Acetone	2.641	43	210564	47.409	ug/l	92
14) Carbon Disulfide	2.788	76	344583	10.032	ug/l	100
15) Methylene Chloride	3.039	84	125232	9.078	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	120069	10.296	ug/l	93
17) 1,1-Dichloroethane	3.859	63	240492	10.264	ug/l	98
18) 2-Butanone	4.718	43	233533	52.447	ug/l	96
19) Cyclohexane	5.377	56	188145	10.220	ug/l	95
20) Methylcyclohexane	6.753	83	226603	10.634	ug/l	96
21) 2,2-Dichloropropane	4.657	77	214589	10.171	ug/l	96
22) cis-1,2-Dichloroethene	4.657	96	127827	9.956	ug/l	89
23) Diethyl Ether	2.370	59	82029	9.895	ug/l	98
24) tert-Butyl Alcohol	3.258	59	56343	93.673	ug/l	# 1
25) Methyl tert-Butyl Ether	3.358	73	279434	10.213	ug/l	96
26) Bromochloromethane	4.965	128	50994	10.204	ug/l	90
27) Chloroform	5.081	83	238233	10.193	ug/l	97
28) 1,1,1-Trichloroethane	5.306	97	212322	10.031	ug/l	98
29) 1,1-Dichloropropene	5.515	75	178861	10.283	ug/l	98
30) Carbon Tetrachloride	5.515	117	189397	10.441	ug/l	97
31) Isopropyl Ether	3.988	45	373124	10.373	ug/l	94
32) Ethyl-t-butyl ether	4.499	59	356505	10.077	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	302270	10.206	ug/l	97
34) Propionitrile	4.795	54	42800	51.504	ug/l	# 11
35) Benzene	5.766	78	511539	10.269	ug/l	99
36) 1,2-Dichloroethane	5.788	62	150913	10.361	ug/l	97
37) Trichloroethene	6.534	130	132568	10.335	ug/l	100
38) 1,2-Dichloropropane	6.785	63	137405	10.430	ug/l	100
39) Methacrylonitrile	4.975	41	37255	10.288	ug/l	96
40) Methyl acrylate	4.846	55	63501	10.528	ug/l	# 97
41) Tetrahydrofuran	5.065	42	36784	20.386	ug/l	96
42) 1-Chlorobutane	5.451	56	238118	10.311	ug/l	97
43) Dibromomethane	6.914	93	63224	10.452	ug/l	95
44) Bromodichloromethane	7.100	83	172073	10.466	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	353856	52.332	ug/l	98
46) t-1,4-Dichloro-2-butene	10.840	75	30383m	16.753	ug/l	
47) Methyl methacrylate	6.962	69	114704	20.684	ug/l	92
48) Ethyl methacrylate	8.332	69	116275	10.452	ug/l	100
49) Toluene	7.962	92	317228	10.532	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	162598	10.875	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	198008	10.617	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	86664	10.409	ug/l	99
53) 1,3-Dichloropropane	8.570	76	156900	10.380	ug/l	100
54) 2-Hexanone	8.685	43	346367	52.902	ug/l	98
55) Dibromochloromethane	8.804	129	107644	10.822	ug/l	99
56) 1,2-Dibromoethane	8.920	107	81249	10.418	ug/l	98
58) Tetrachloroethene	8.547	164	114641	10.303	ug/l	94
59) Chlorobenzene	9.441	112	350195	10.573	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	122055	10.749	ug/l	96
61) Pentachloroethane	11.422	117	88776	10.605	ug/l	88
62) Hexachloroethane	12.470	117	108099	11.142	ug/l	97
63) Ethyl Benzene	9.563	91	632744	10.615	ug/l	99
64) m/p-Xylenes	9.688	106	467236	21.394	ug/l	98
65) o-Xylene	10.094	106	229359	10.572	ug/l	96
66) Styrene	10.110	104	362332	10.814	ug/l	97
67) Bromoform	10.287	173	55769	11.143	ug/l	99
69) Isopropylbenzene	10.479	105	618443	10.744	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	104094	10.383	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	103724m	11.708	ug/l	
72) Bromobenzene	10.775	156	127558	10.344	ug/l	96
73) n-propylbenzene	10.901	120	164078	10.927	ug/l	99
74) 2-Chlorotoluene	10.981	126	141005	10.749	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	527434	10.842	ug/l	99
76) 4-Chlorotoluene	11.090	126	141427	10.707	ug/l	93
77) tert-Butylbenzene	11.415	119	500600	10.679	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	528652	10.743	ug/l	100
79) sec-Butylbenzene	11.637	105	676868	10.933	ug/l	99
80) Nitrobenzene	13.206	77	13088	40.163	ug/l #	95
81) p-Isopropyltoluene	11.788	119	567121	11.141	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	262708	10.658	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	264393	10.827	ug/l	98
84) n-Butylbenzene	12.203	91	551930	11.362	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	236037	10.310	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	17457	10.428	ug/l	94
87) 1,2,4-Trichlorobenzene	13.833	180	156996	11.232	ug/l	98
88) Hexachlorobutadiene	14.016	225	95427	10.894	ug/l	99
89) Naphthalene	14.081	128	244136	9.975	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	126491	10.547	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.007 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

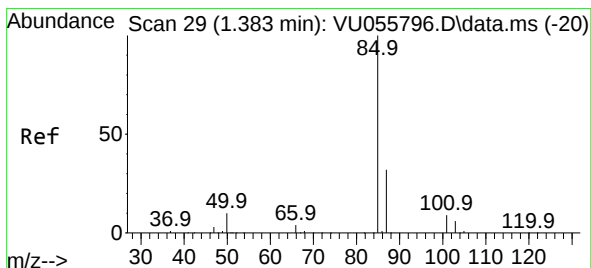
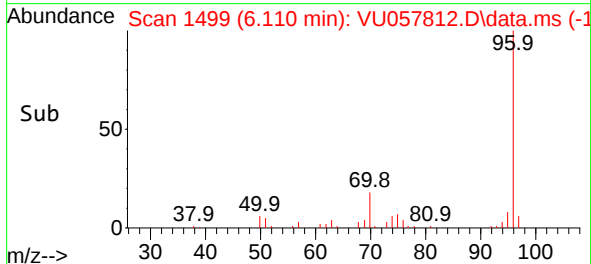
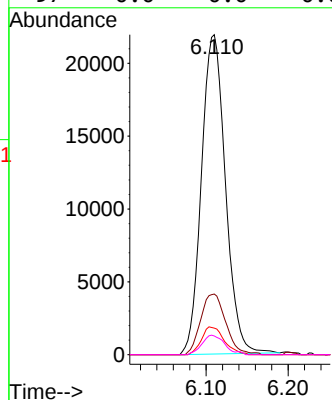
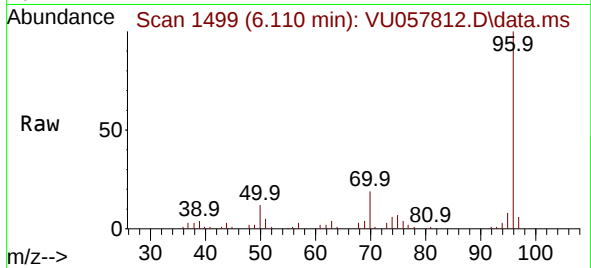
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 4463

Ion	Ratio	Lower	Upper
96	100		
70	19.9	16.5	24.7
95	8.2	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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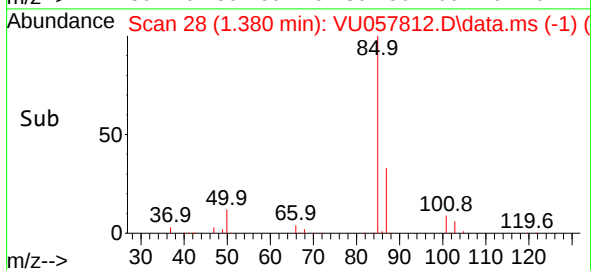
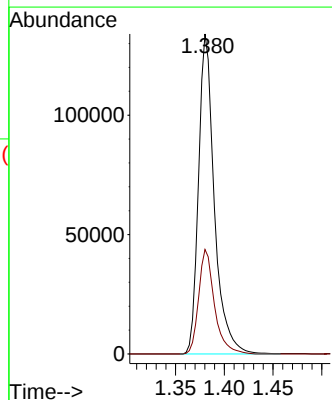
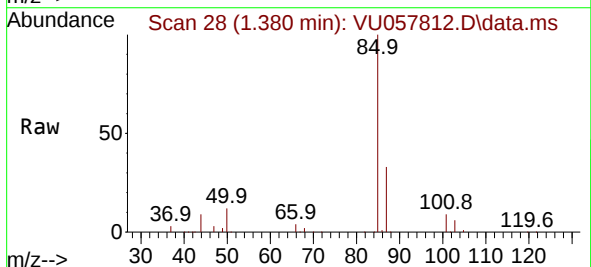
Reviewed By :John Carlone 02/14/2024
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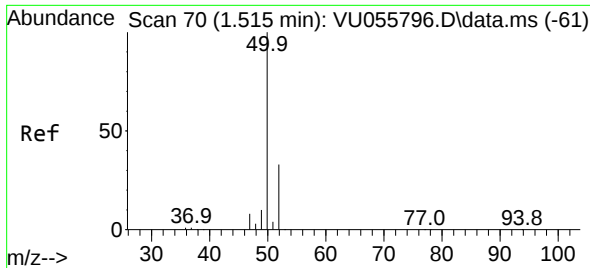


#2
Dichlorodifluoromethane
Concen: 10.340 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion: 85 Resp: 150933

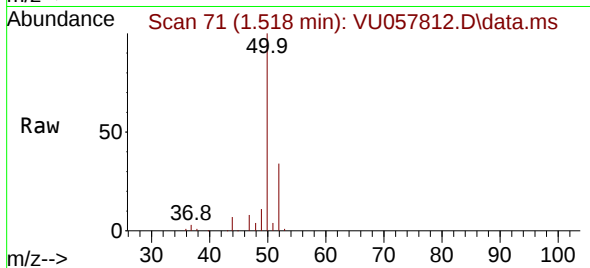
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.2	48.6





#3
Chloromethane
Concen: 10.037 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

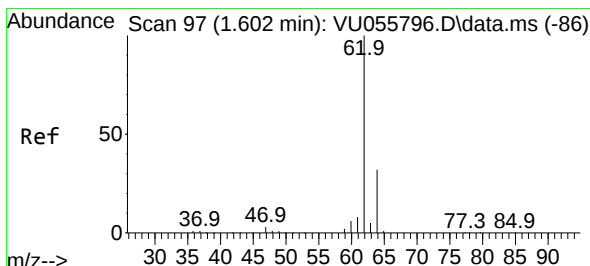
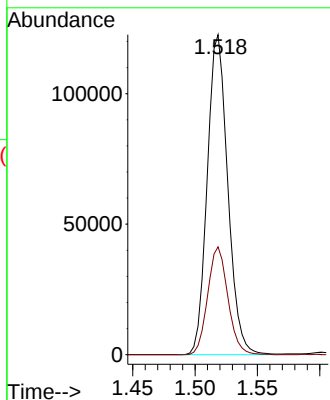
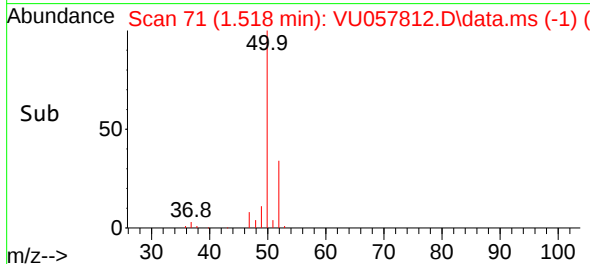
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 140638
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

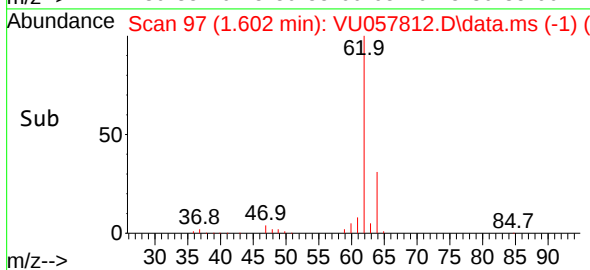
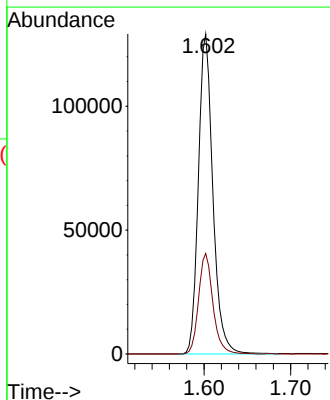
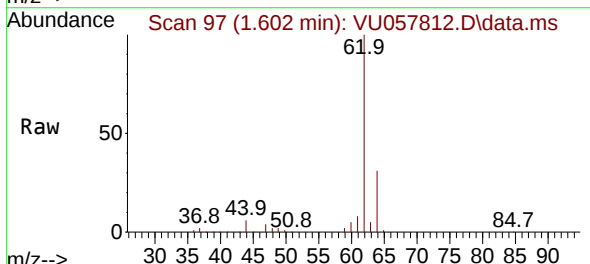
Manual Integrations
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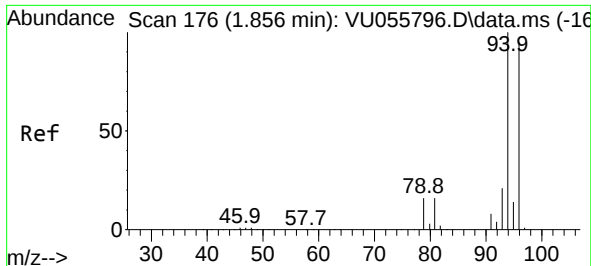
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 10.377 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

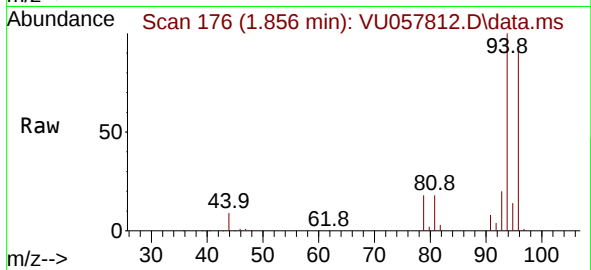
Tgt Ion: 62 Resp: 150143
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





#5
Bromomethane
Concen: 10.841 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

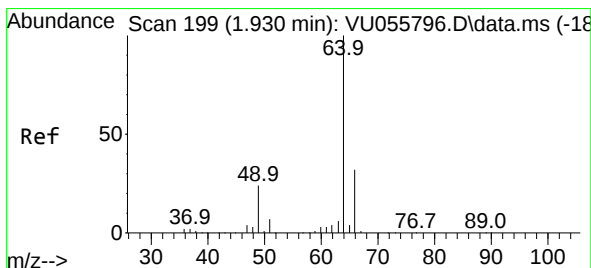
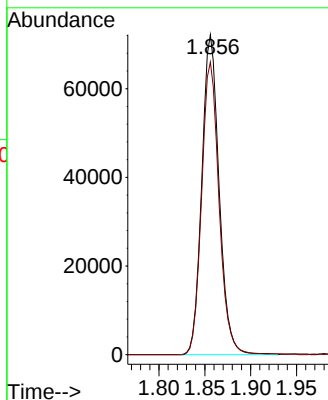
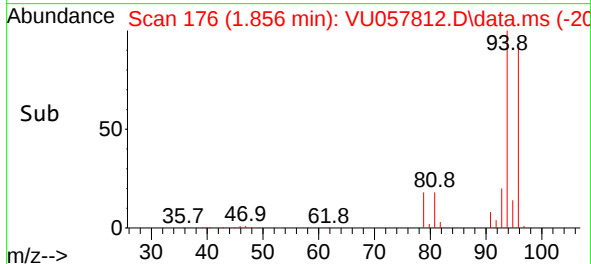
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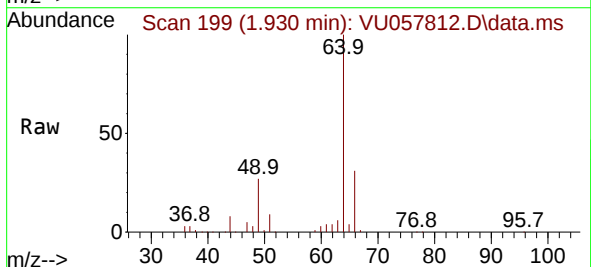
Tgt Ion: 94 Resp: 94712
Ion Ratio Lower Upper
94 100
96 91.5 75.4 113.2

Manual Integrations
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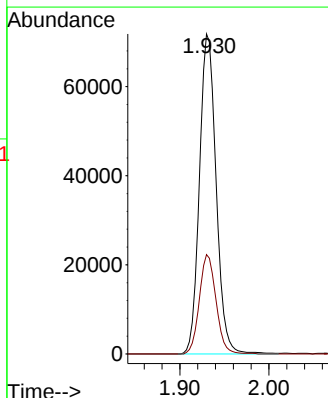
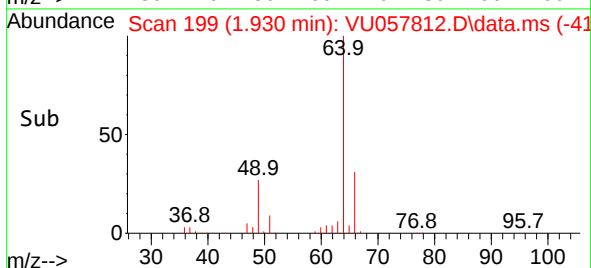
Reviewed By :John Carlone 02/14/2024
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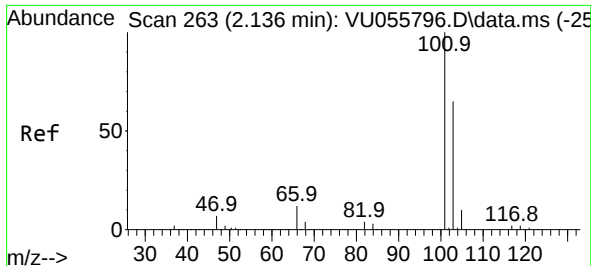


#6
Chloroethane
Concen: 10.030 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.007 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



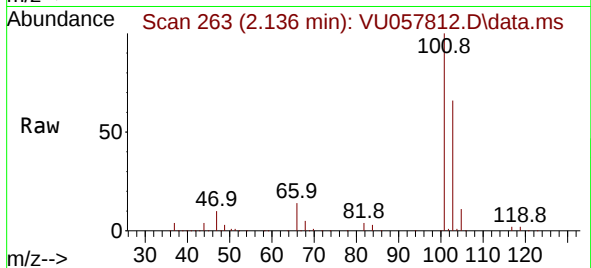
Tgt Ion: 64 Resp: 93411
Ion Ratio Lower Upper
64 100
66 31.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 10.138 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.019 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

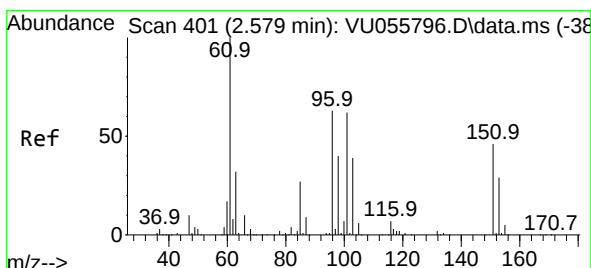
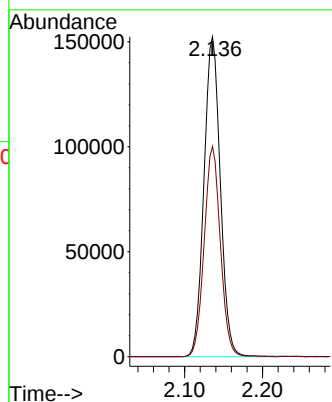
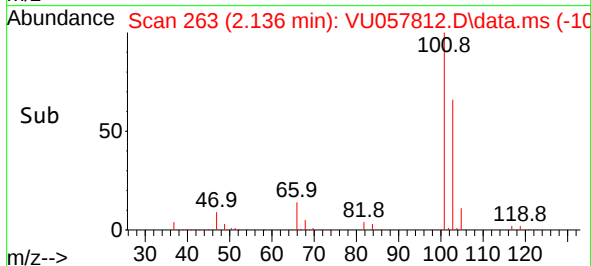
Instrument :
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ClientSampleId :
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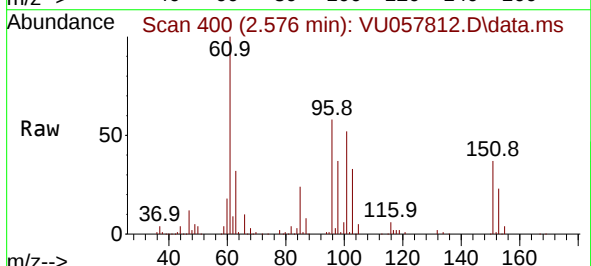
Tgt Ion:101 Resp: 22213
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

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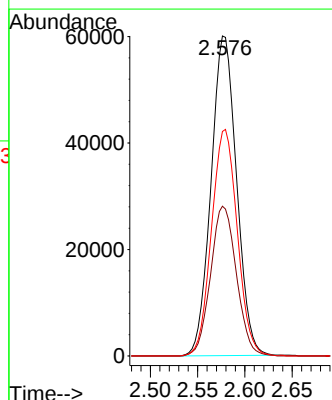
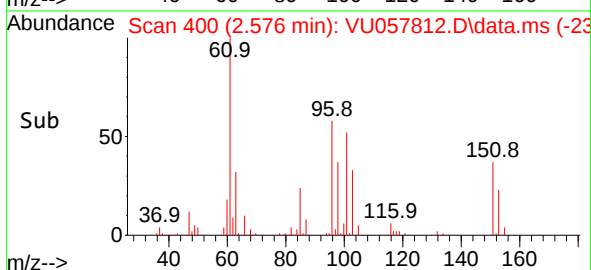
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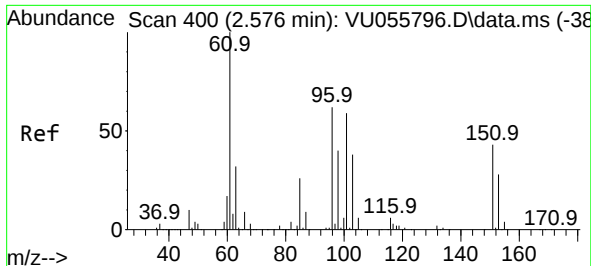


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.302 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.016 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



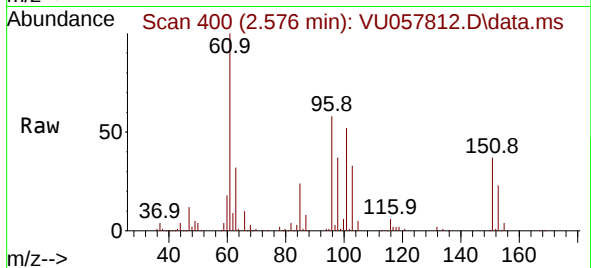
Tgt Ion:101 Resp: 112872
Ion Ratio Lower Upper
101 100
85 47.4 35.4 53.0
151 71.6 54.0 81.0





#9
1,1-Dichloroethene
Concen: 10.079 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.016 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

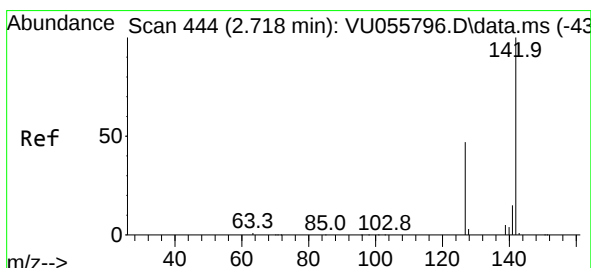
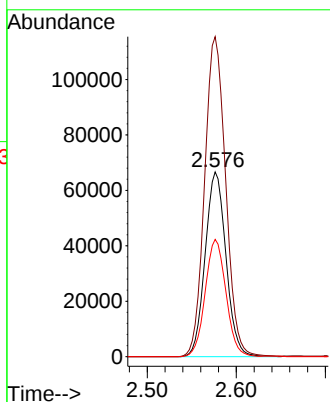
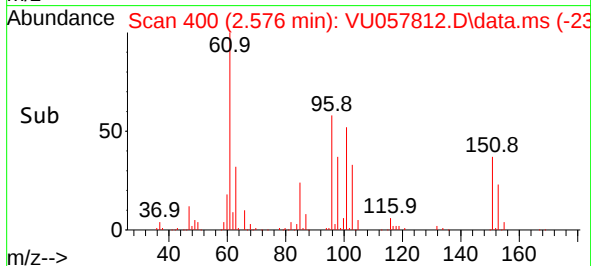
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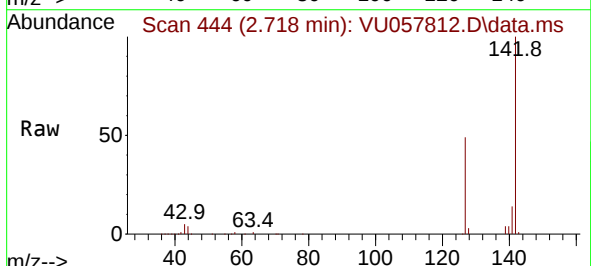
Tgt Ion: 96 Resp: 10828
Ion Ratio Lower Upper
96 100
61 173.1 0.0 521.4
98 63.4 0.0 125.8

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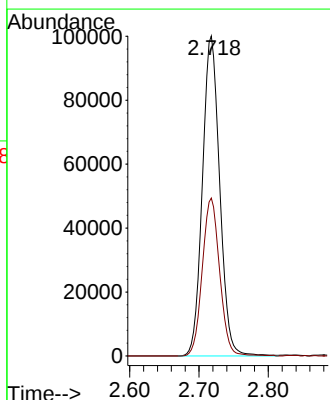
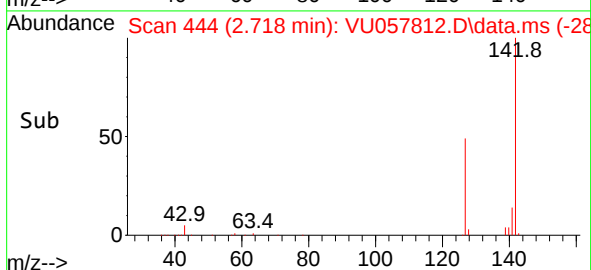
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

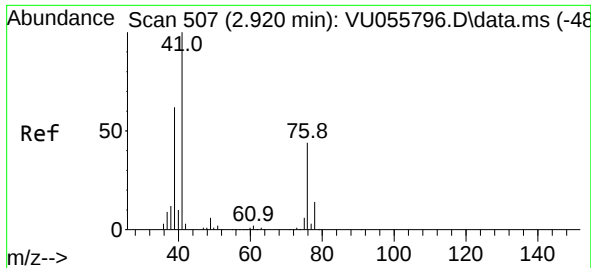


#10
Iodomethane
Concen: 10.028 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.017 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion:142 Resp: 173236
Ion Ratio Lower Upper
142 100
127 49.5 35.9 53.9





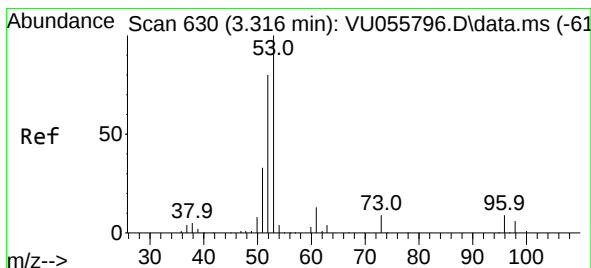
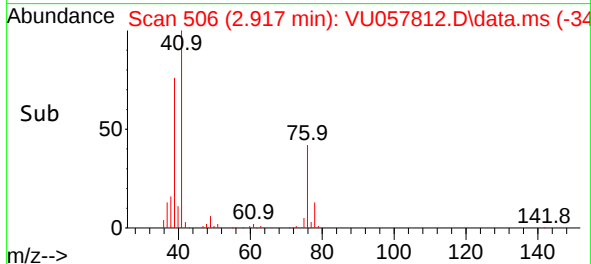
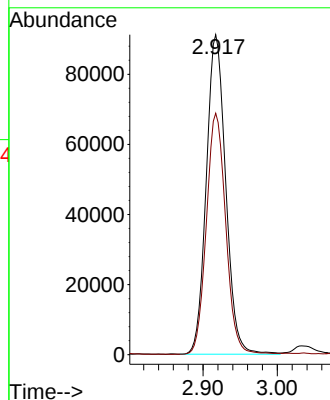
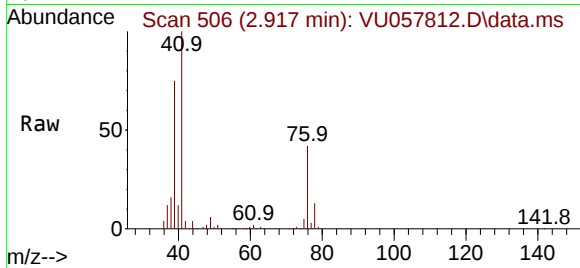
#11
 Allyl Chloride
 Concen: 10.104 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. 0.013 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 16565
 Ion Ratio Lower Upper
 41 100
 39 75.3 54.2 81.2

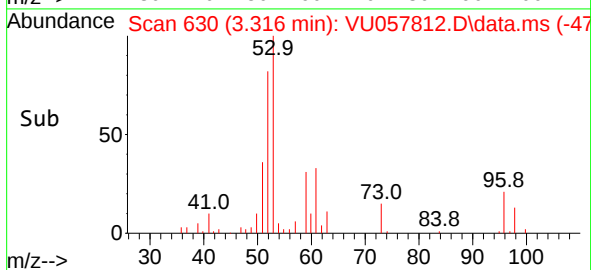
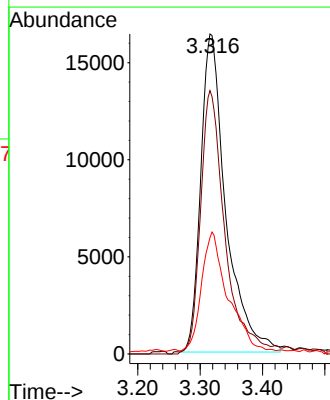
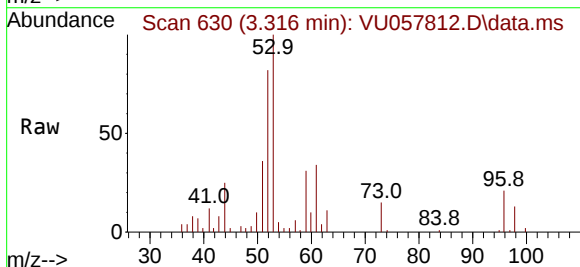
Manual Integrations
 APPROVED

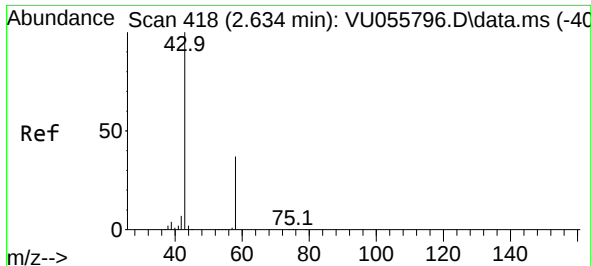
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#12
 Acrylonitrile
 Concen: 20.217 ug/l
 RT: 3.316 min Scan# 630
 Delta R.T. 0.007 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

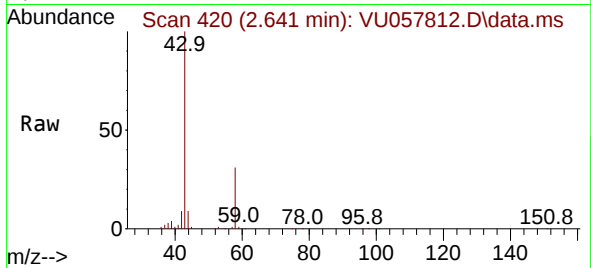
Tgt Ion: 53 Resp: 45843
 Ion Ratio Lower Upper
 53 100
 52 80.1 62.9 94.3
 51 38.9 27.8 41.6





#13
Acetone
Concen: 47.409 ug/l
RT: 2.641 min Scan# 418
Delta R.T. 0.010 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

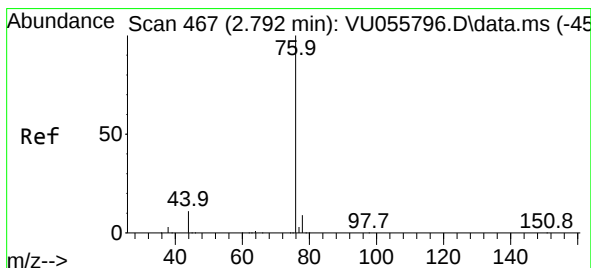
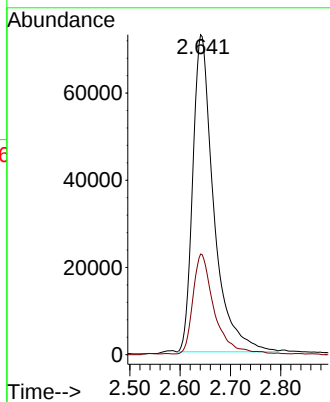
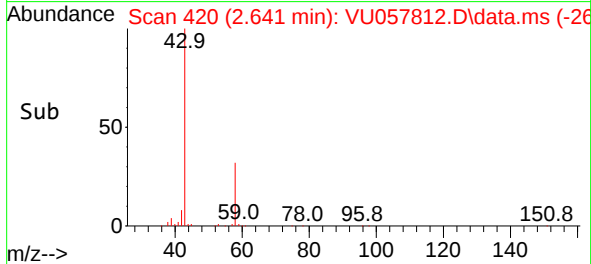
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



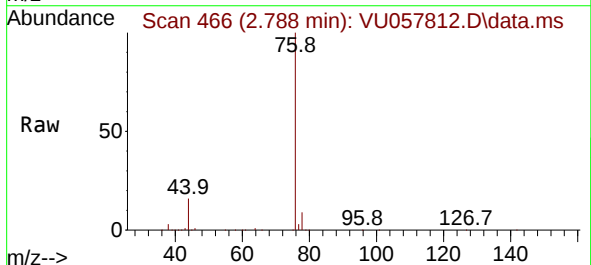
Tgt Ion: 43 Resp: 210564
Ion Ratio Lower Upper
43 100
58 31.5 29.0 43.4

Manual Integrations
APPROVED

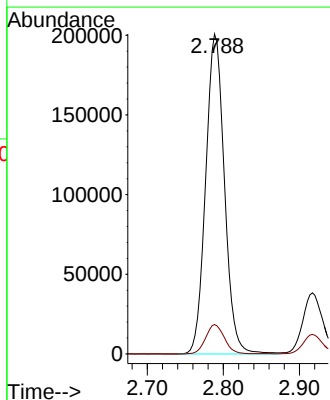
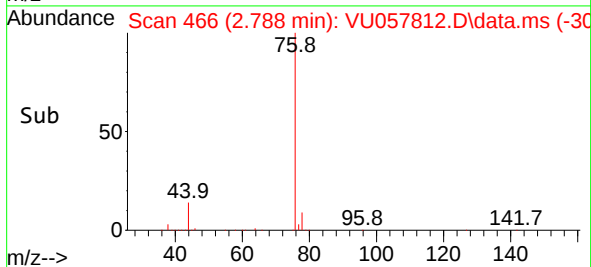
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

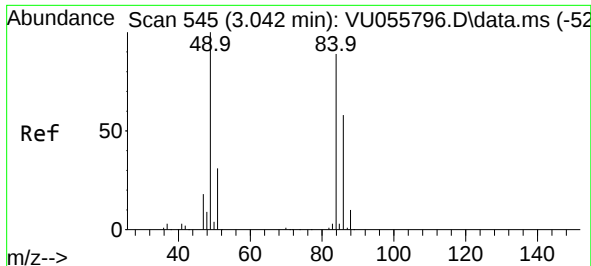


#14
Carbon Disulfide
Concen: 10.032 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.016 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



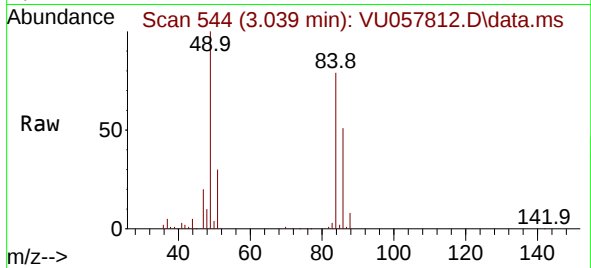
Tgt Ion: 76 Resp: 344583
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.078 ug/l
RT: 3.039 min Scan# 545
Delta R.T. 0.013 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

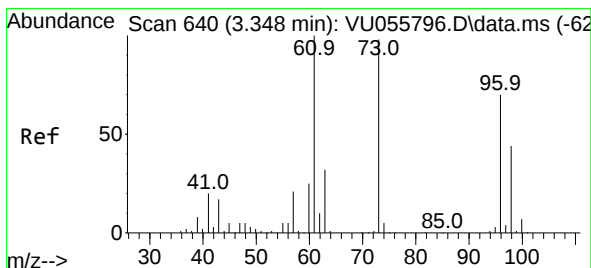
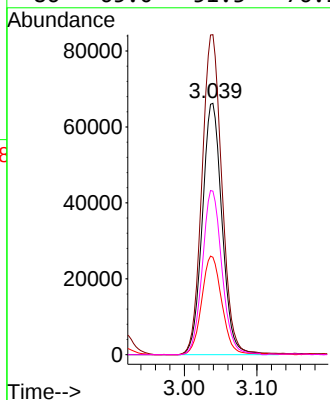
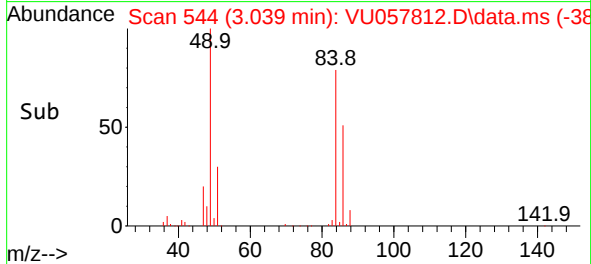
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 125232
Ion Ratio Lower Upper
84 100
49 127.3 98.9 148.3
51 38.7 0.0 75.4
86 65.0 51.3 76.9

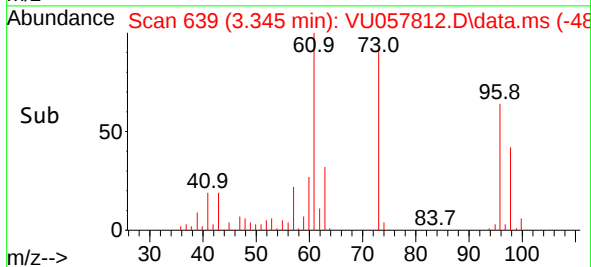
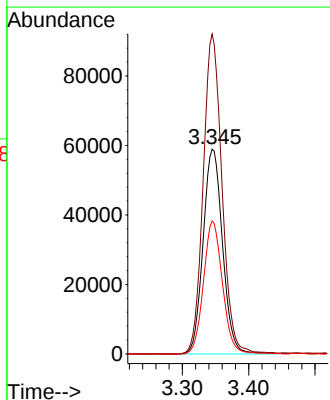
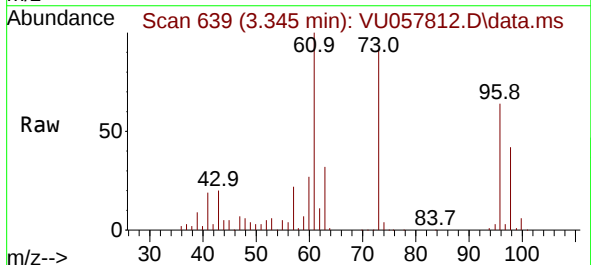
Manual Integrations
APPROVED

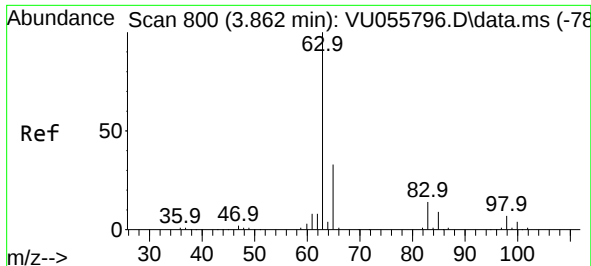
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 10.296 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.010 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion: 96 Resp: 120069
Ion Ratio Lower Upper
96 100
61 156.2 117.5 176.3
98 65.0 48.3 72.5





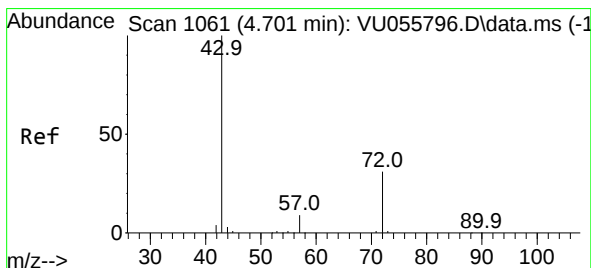
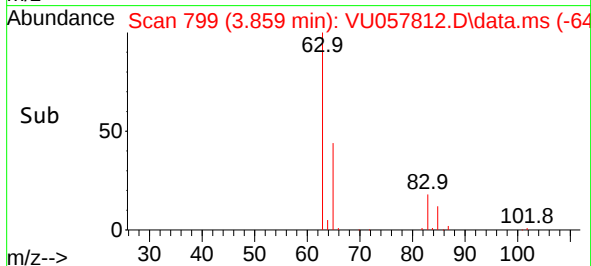
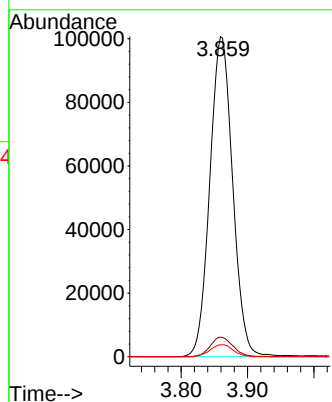
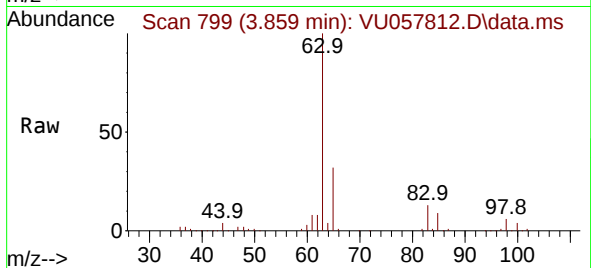
#17
 1,1-Dichloroethane
 Concen: 10.264 ug/l
 RT: 3.859 min Scan# 79
 Delta R.T. 0.010 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 63 Resp: 240492
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 3.7 2.2 6.6

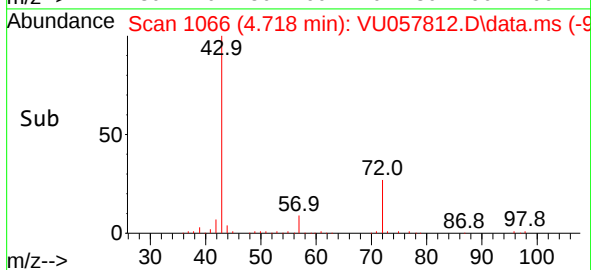
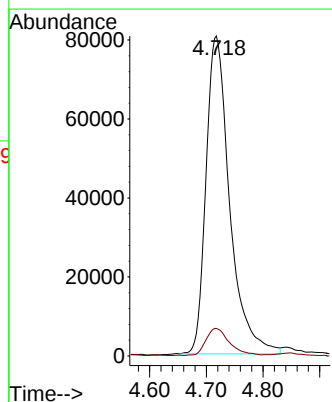
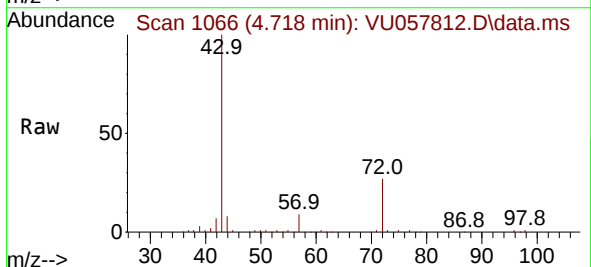
Manual Integrations
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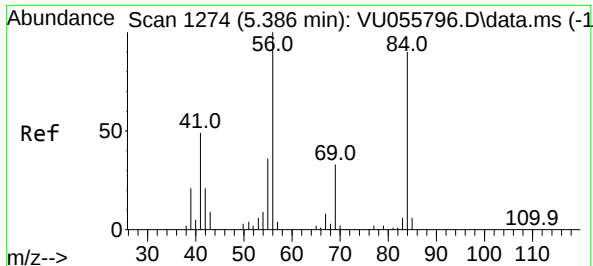
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#18
 2-Butanone
 Concen: 52.447 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.007 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

Tgt Ion: 43 Resp: 233533
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 19.6





#19

Cyclohexane

Concen: 10.220 ug/l

RT: 5.377 min Scan# 1699

Delta R.T. 0.010 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 18814

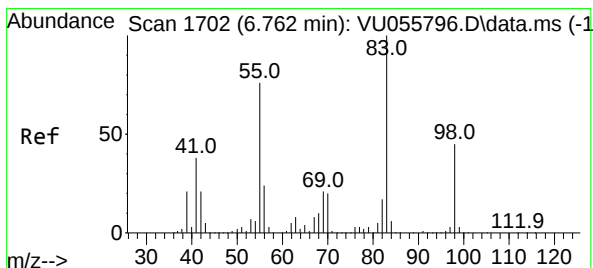
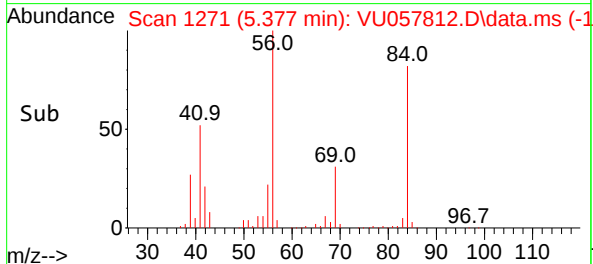
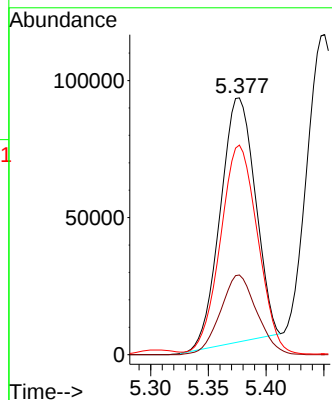
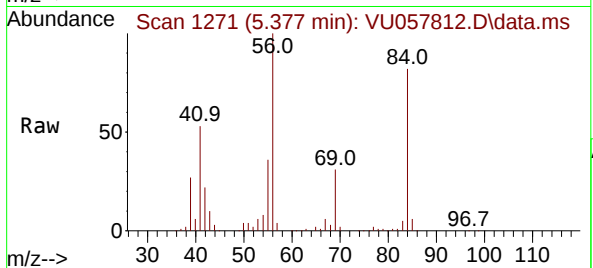
Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.6	37.0
84	89.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.634 ug/l

RT: 6.753 min Scan# 1699

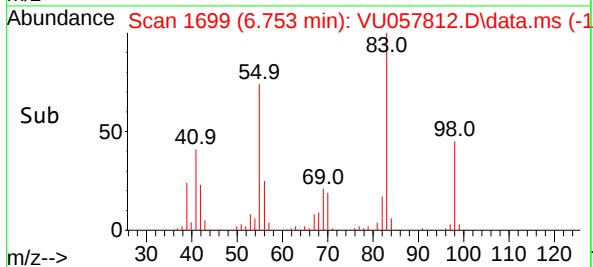
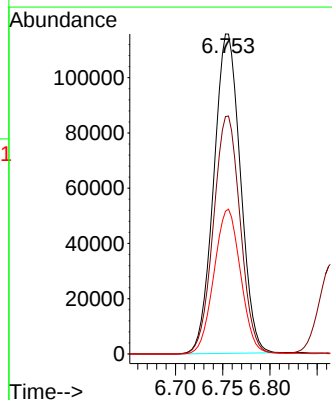
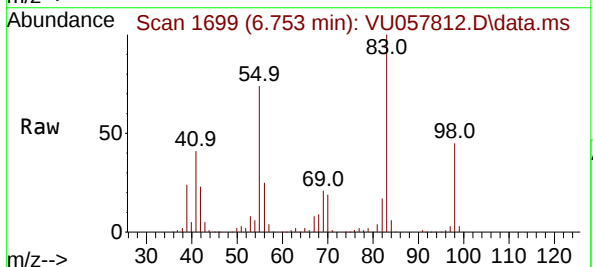
Delta R.T. 0.003 min

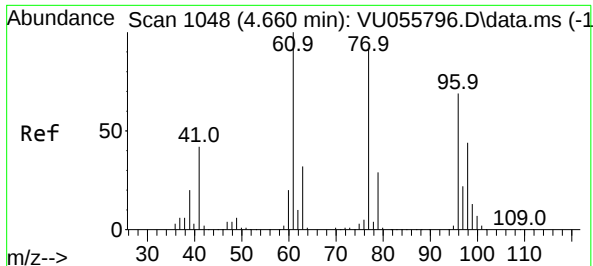
Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Tgt Ion: 83 Resp: 226603

Ion	Ratio	Lower	Upper
83	100		
55	74.6	63.5	95.3
98	45.2	36.0	54.0





#21

2,2-Dichloropropane

Concen: 10.171 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.010 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 214589

Ion Ratio Lower Upper

77 100

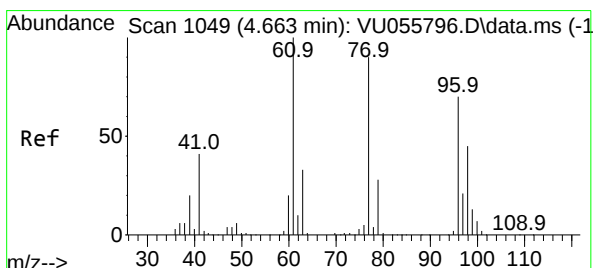
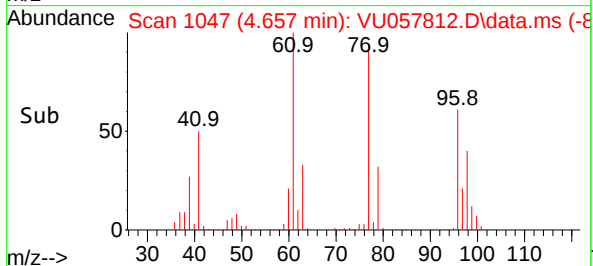
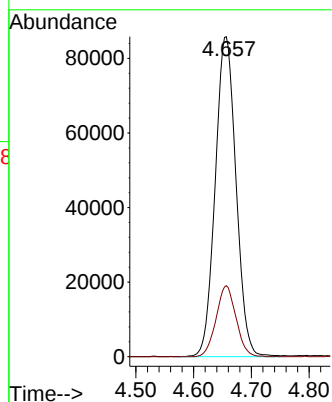
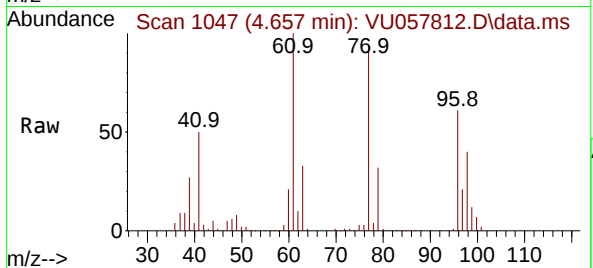
97 21.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 9.956 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.007 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

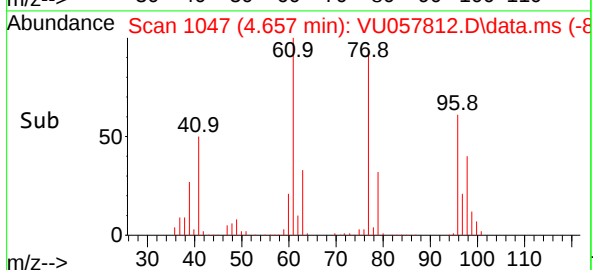
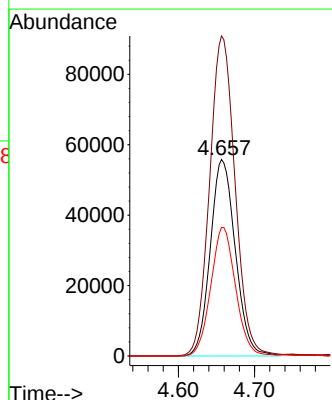
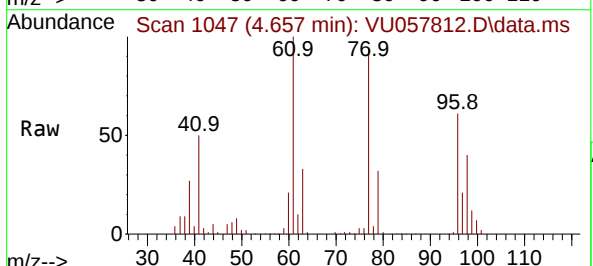
Tgt Ion: 96 Resp: 127827

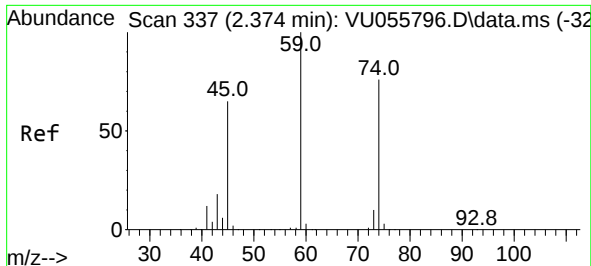
Ion Ratio Lower Upper

96 100

61 165.3 0.0 365.8

98 64.7 32.0 96.0





#23

Diethyl Ether

Concen: 9.895 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 82029

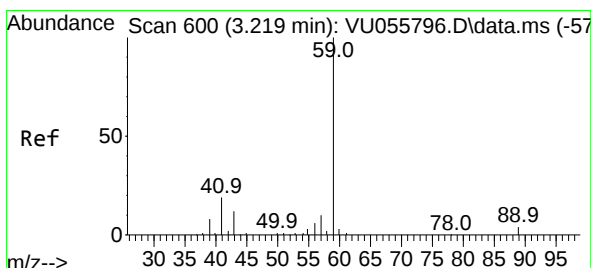
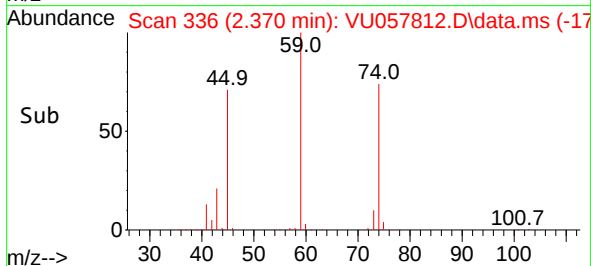
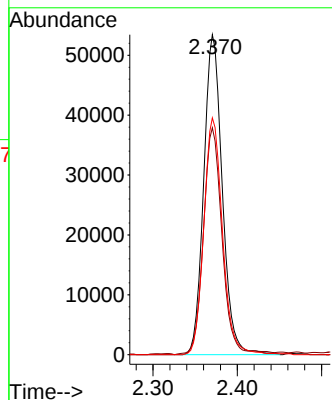
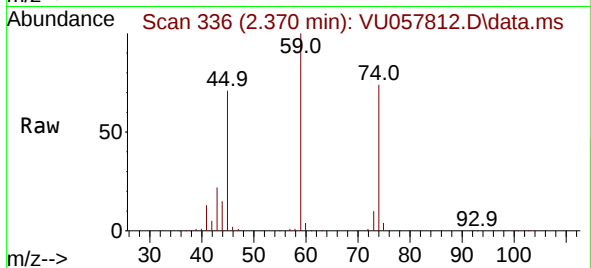
Ion	Ratio	Lower	Upper
59	100		
45	70.4	56.1	84.1
74	74.7	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#24

tert-Butyl Alcohol

Concen: 93.673 ug/l

RT: 3.258 min Scan# 612

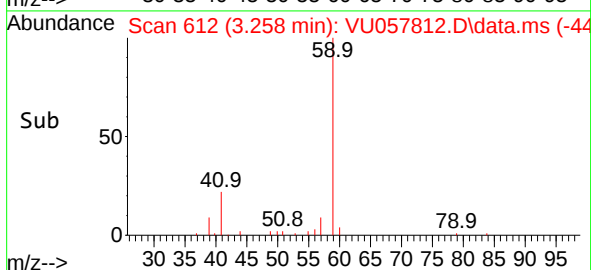
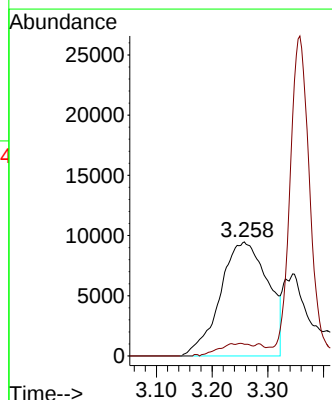
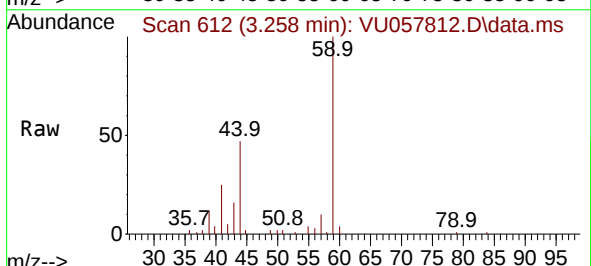
Delta R.T. 0.026 min

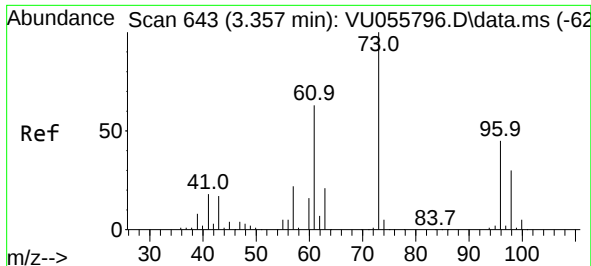
Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Tgt Ion: 59 Resp: 56343

Ion	Ratio	Lower	Upper
59	100		
57	4.0	105.6	158.4#





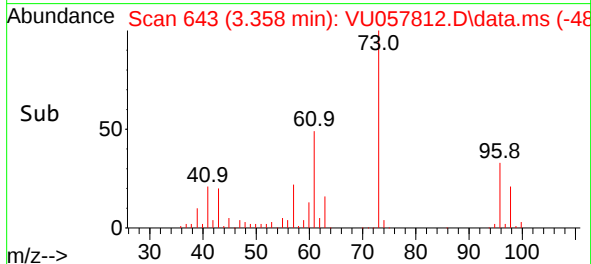
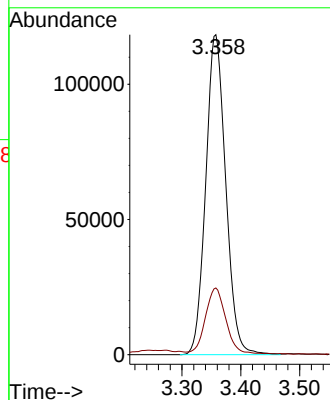
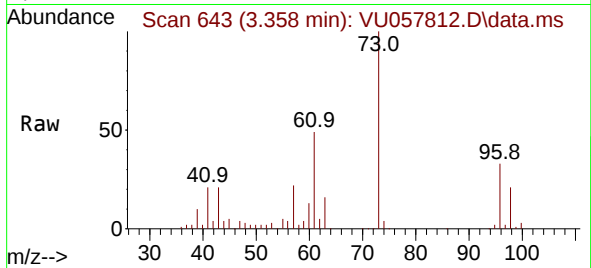
#25
Methyl tert-Butyl Ether
Concen: 10.213 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 279434
Ion Ratio Lower Upper
73 100
43 20.6 15.0 22.6

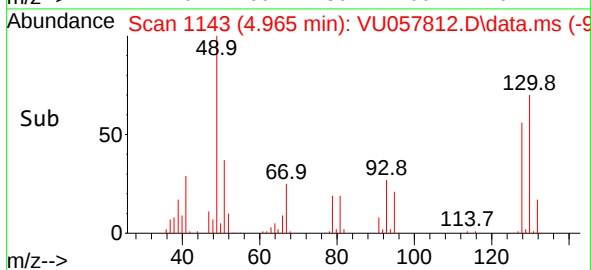
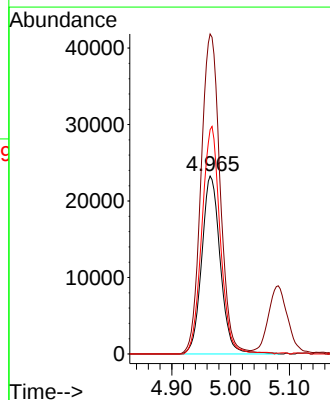
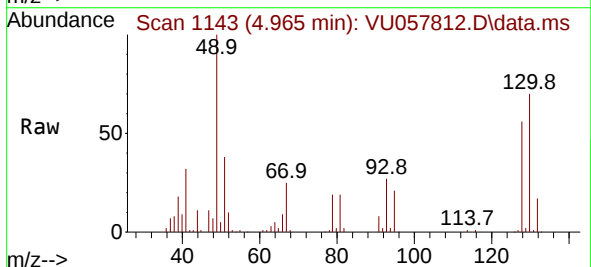
Manual Integrations
APPROVED

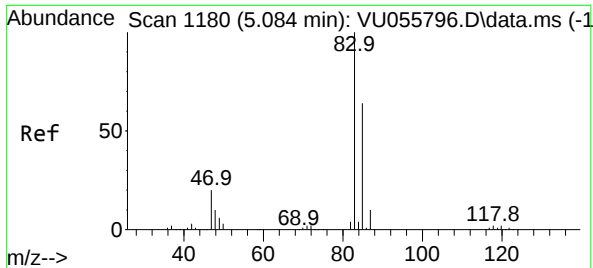
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 10.204 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.007 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:128 Resp: 50994
Ion Ratio Lower Upper
128 100
49 184.6 0.0 324.6
130 125.9 103.0 154.4





#27

Chloroform

Concen: 10.193 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 23823

Ion Ratio Lower Upper

83 100

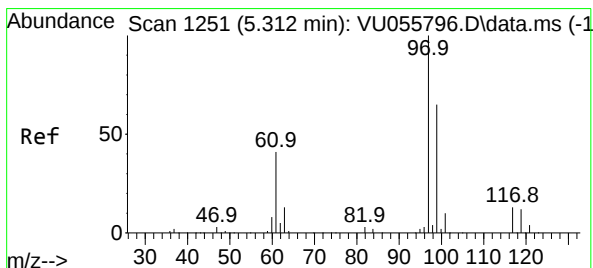
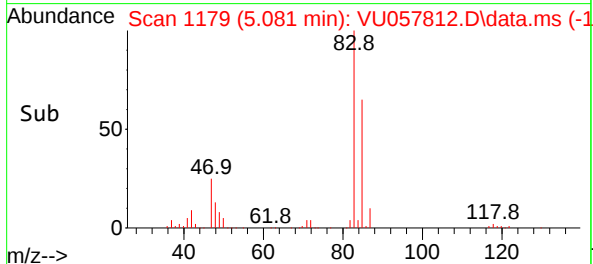
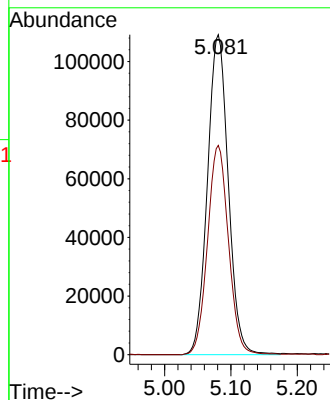
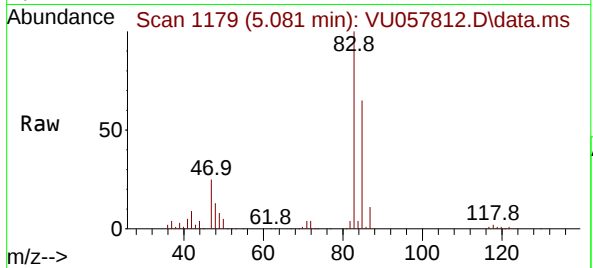
85 65.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 10.031 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.007 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

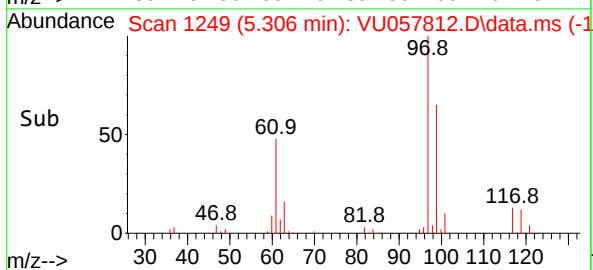
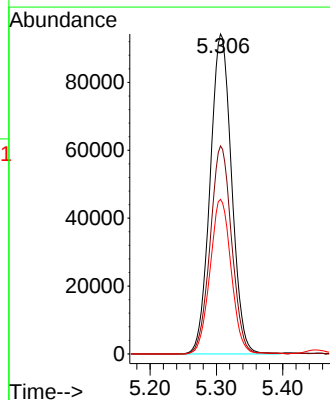
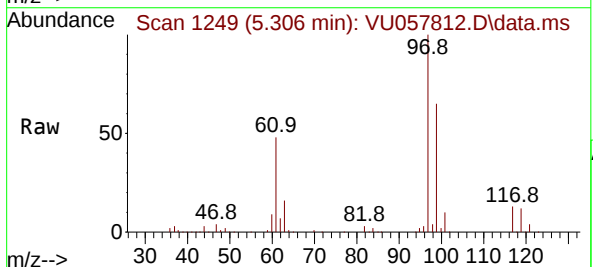
Tgt Ion: 97 Resp: 212322

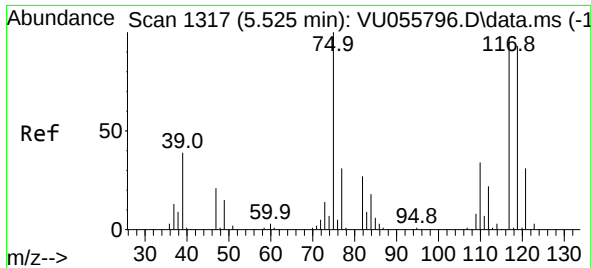
Ion Ratio Lower Upper

97 100

99 64.9 32.0 96.2

61 47.5 22.9 68.5





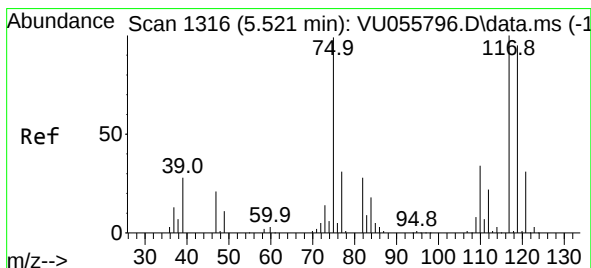
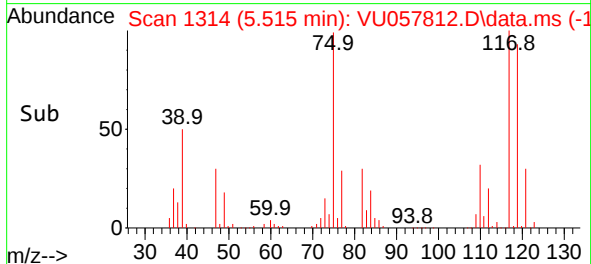
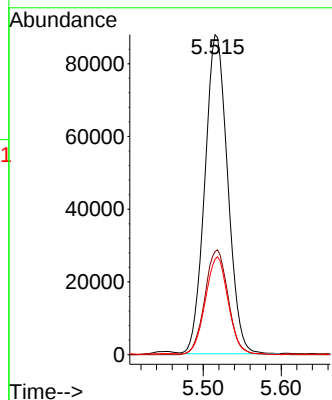
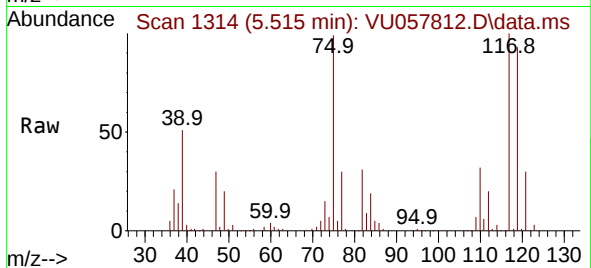
#29
1,1-Dichloropropene
Concen: 10.283 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 17886
Ion Ratio Lower Upper
75 100
110 33.5 18.0 54.0
77 31.0 24.7 37.1

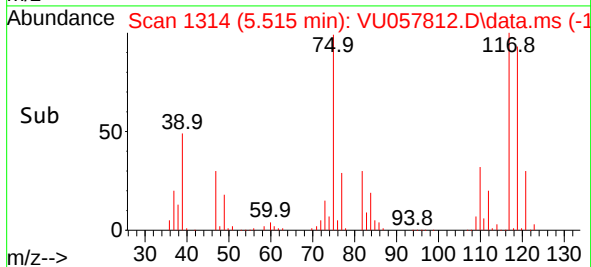
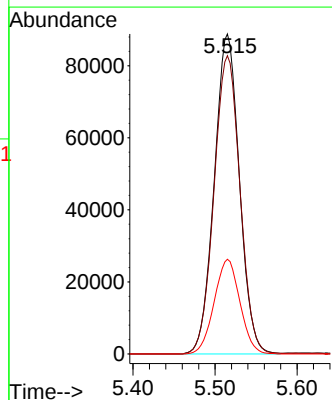
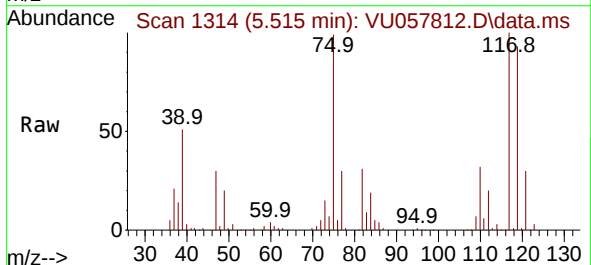
Manual Integrations
APPROVED

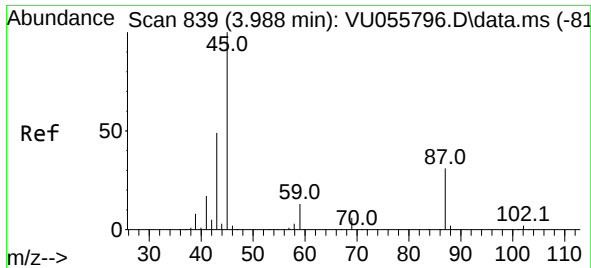
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 10.441 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.007 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

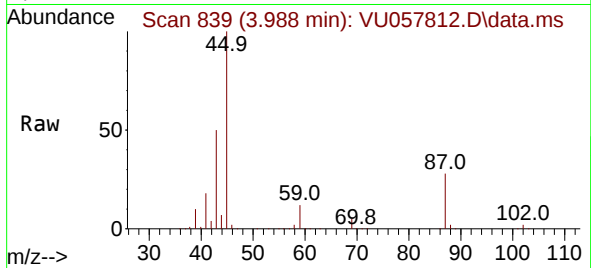
Tgt Ion:117 Resp: 189397
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.0
121 29.6 24.0 36.0





#31
Isopropyl Ether
Concen: 10.373 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

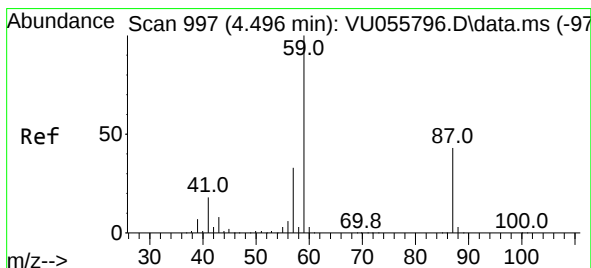
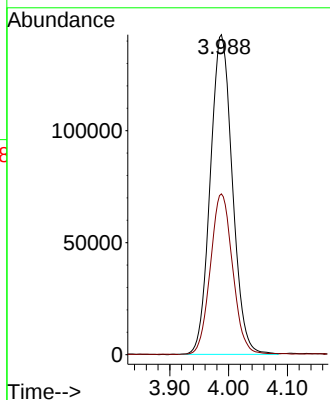
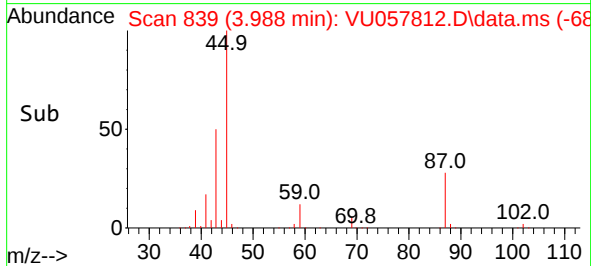
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



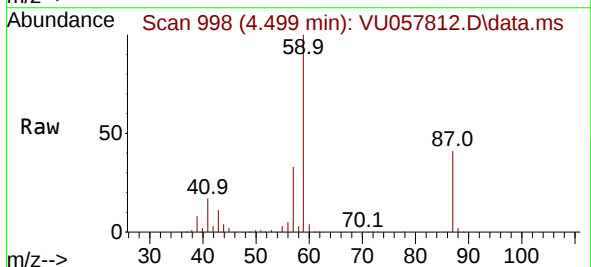
Tgt Ion: 45 Resp: 373124
Ion Ratio Lower Upper
45 100
43 50.4 27.5 82.5

Manual Integrations
APPROVED

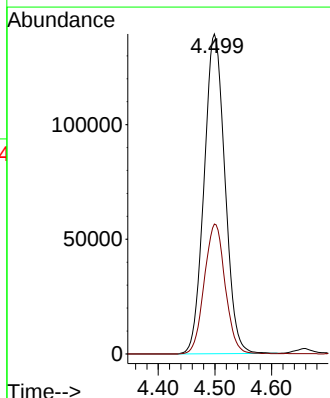
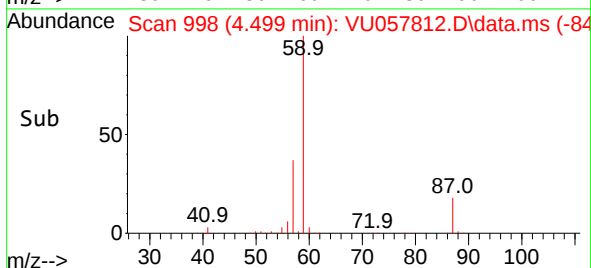
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

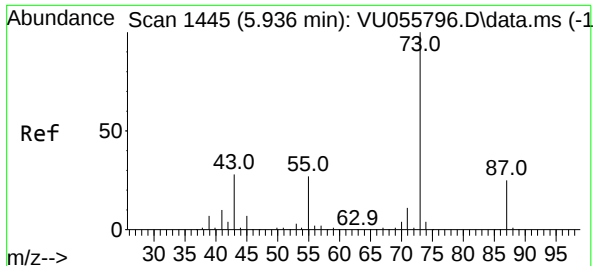


#32
Ethyl-t-butyl ether
Concen: 10.077 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



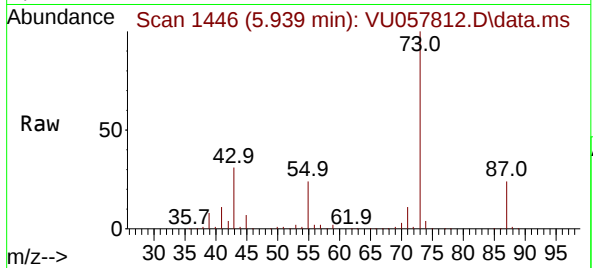
Tgt Ion: 59 Resp: 356505
Ion Ratio Lower Upper
59 100
87 40.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.206 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

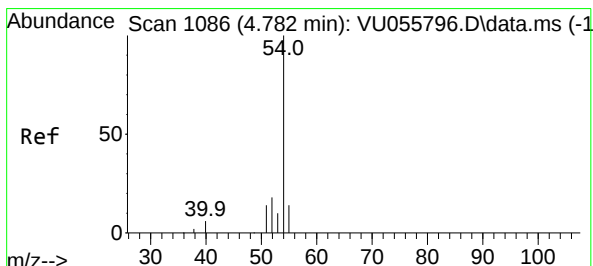
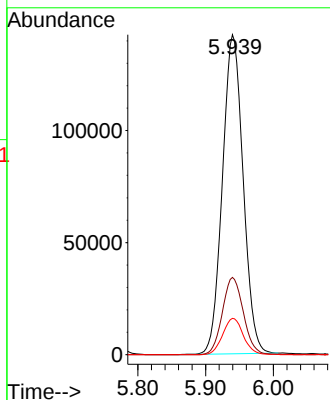
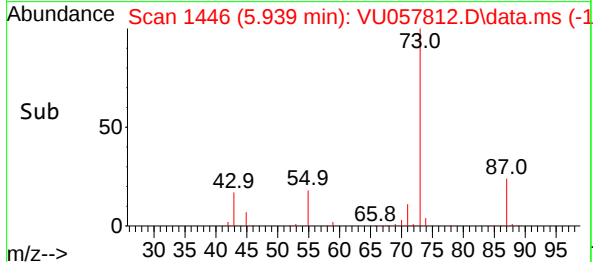
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



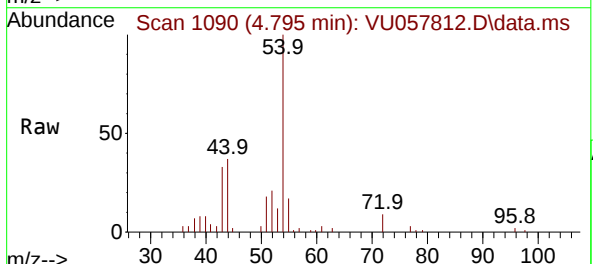
Tgt Ion: 73 Resp: 302270
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.2 9.9 14.9

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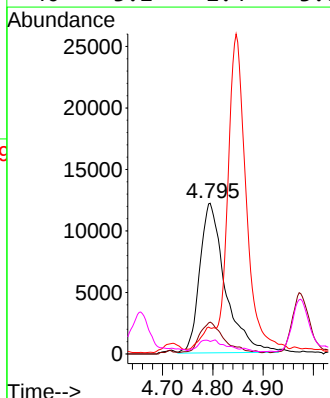
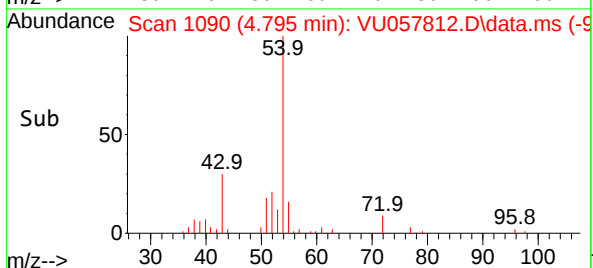
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

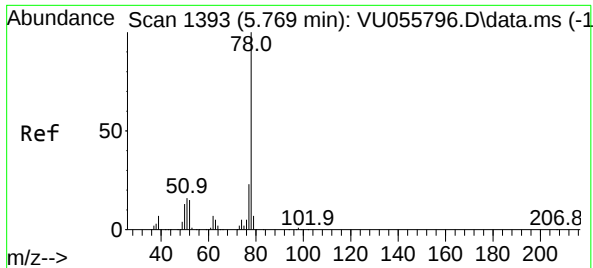


#34
Propionitrile
Concen: 51.504 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.010 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion: 54 Resp: 42800
Ion Ratio Lower Upper
54 100
52 19.4 17.4 26.0
55 7.5 104.1 156.1#
40 3.2 2.4 3.6





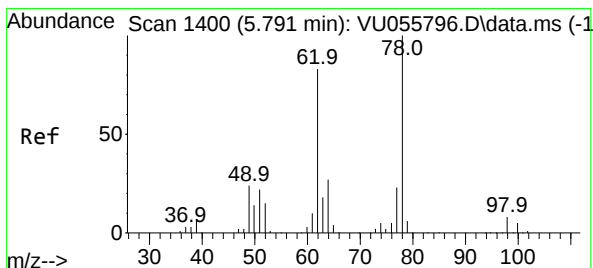
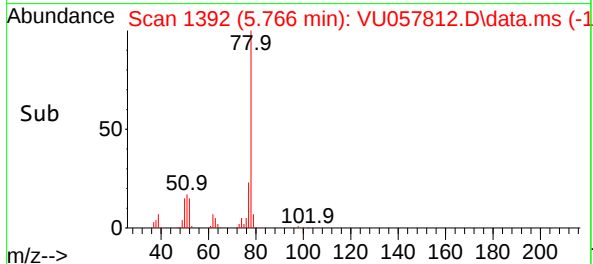
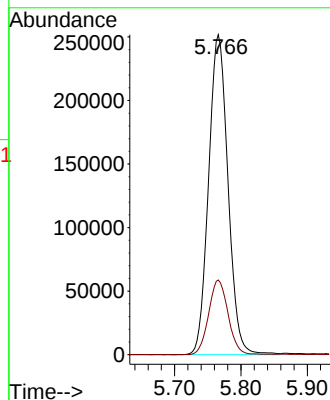
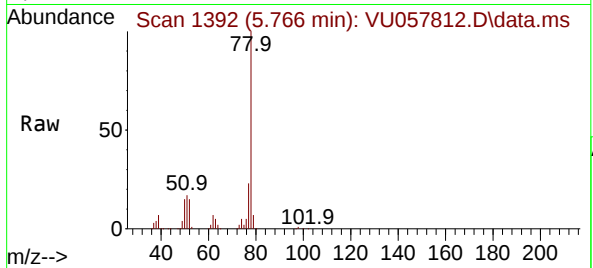
#35
Benzene
Concen: 10.269 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.007 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 511539
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

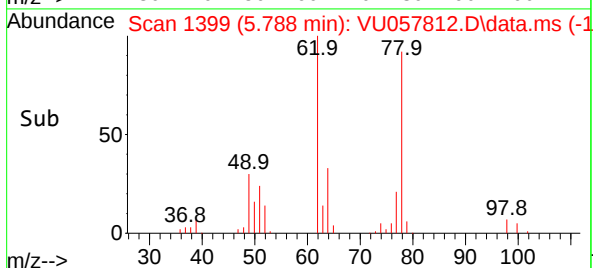
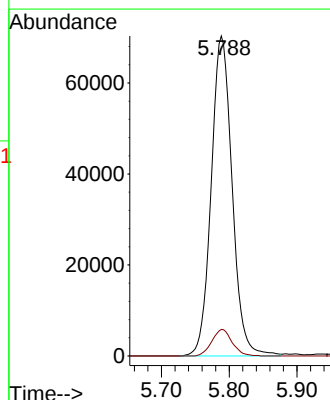
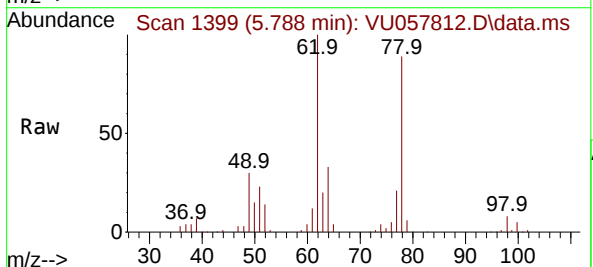
Manual Integrations
APPROVED

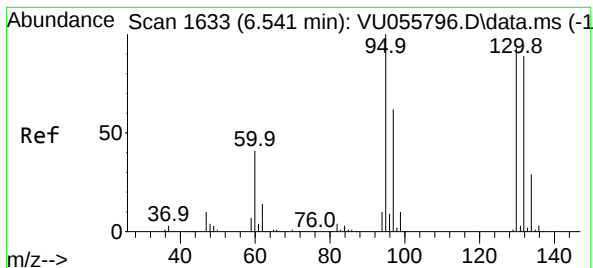
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 10.361 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion: 62 Resp: 150913
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9





#37

Trichloroethene

Concen: 10.335 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 13256

Ion Ratio Lower Upper

130 100

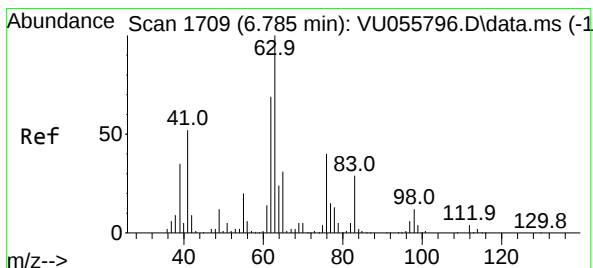
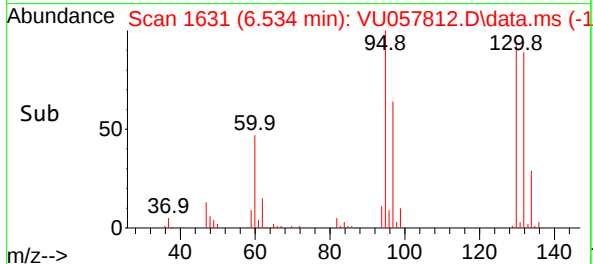
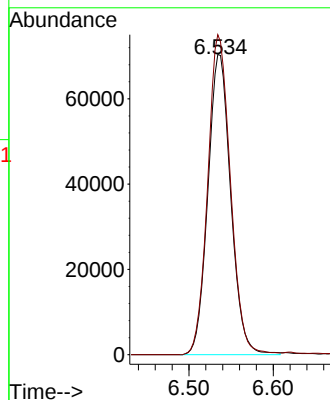
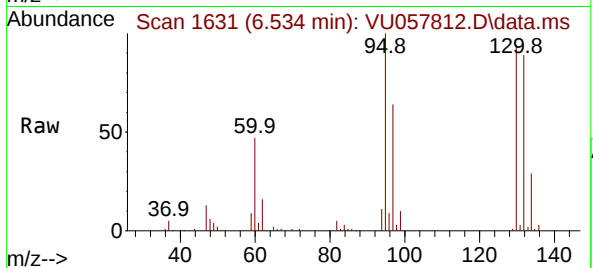
95 106.6 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 10.430 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057812.D

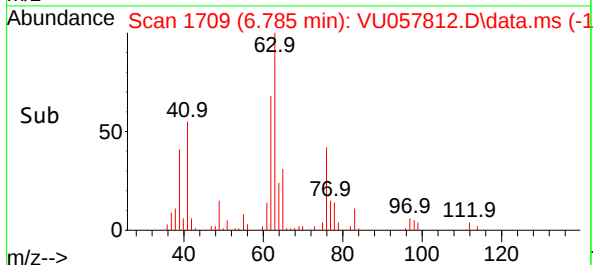
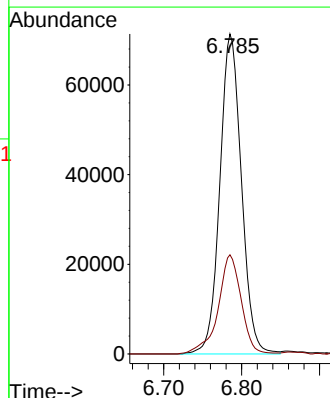
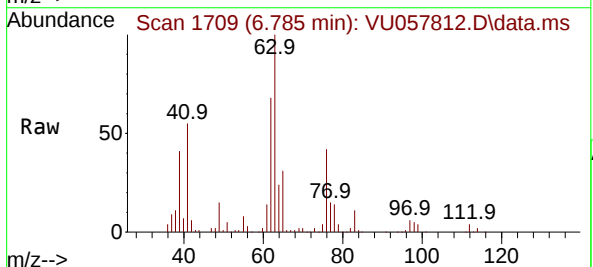
Acq: 06 Feb 2024 09:08

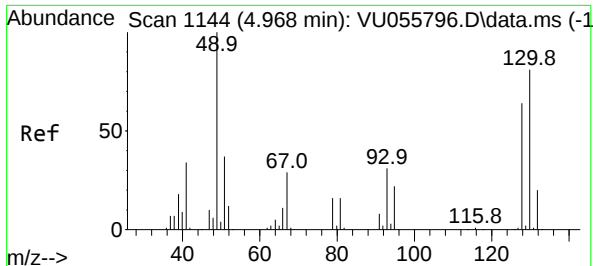
Tgt Ion: 63 Resp: 137405

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3





#39

Methacrylonitrile

Concen: 10.288 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 3725

Ion Ratio Lower Upper

41 100

67 79.8 66.8 100.2

39 55.2 41.2 61.8

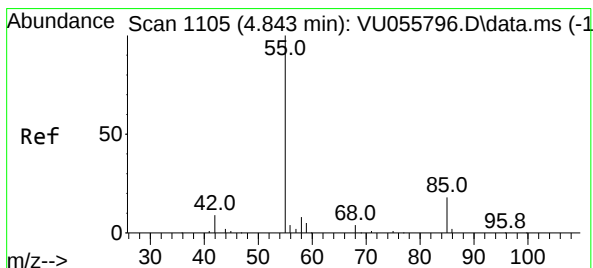
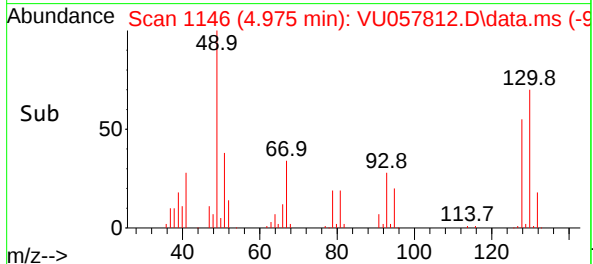
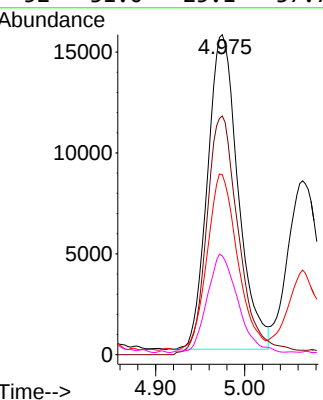
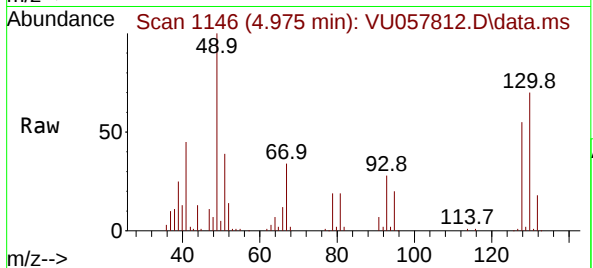
52 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 10.528 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Tgt Ion: 55 Resp: 63501

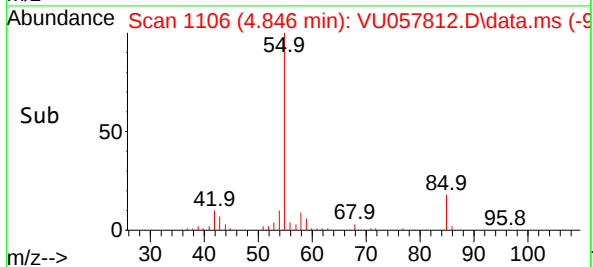
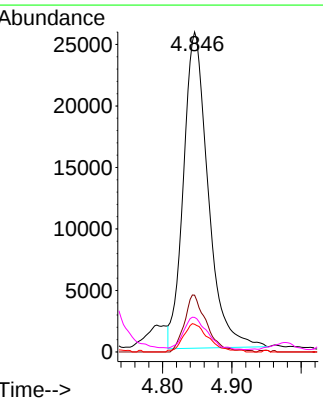
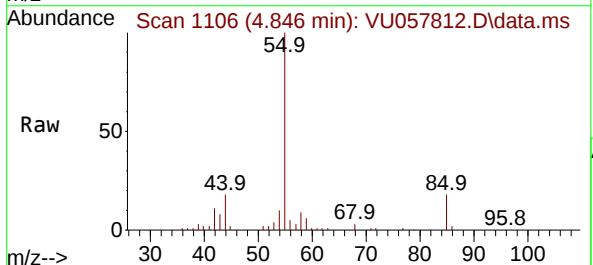
Ion Ratio Lower Upper

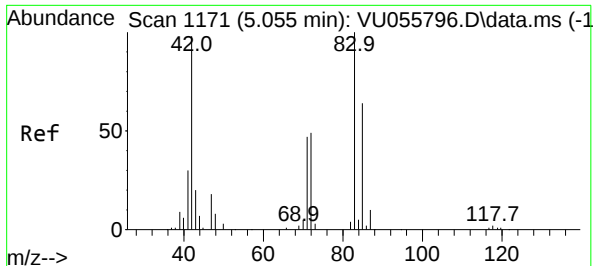
55 100

85 16.0 13.3 19.9

58 9.2 6.5 9.7

42 10.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 20.386 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

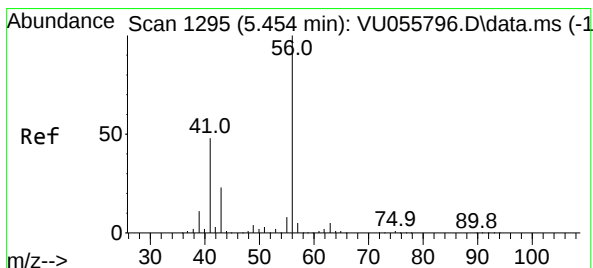
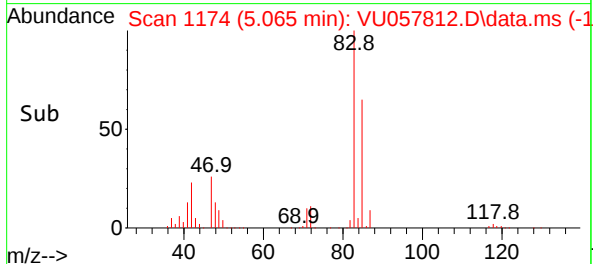
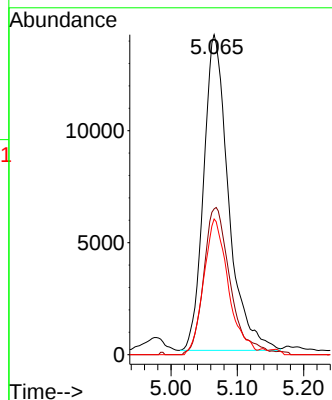
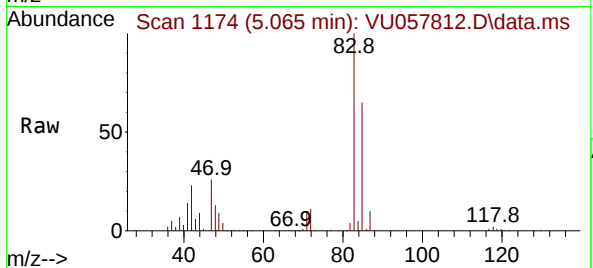
Tgt Ion:	42	Resp:	36784
Ion Ratio	Lower	Upper	
42	100		
72	49.6	40.9	61.3
71	42.8	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 10.311 ug/l

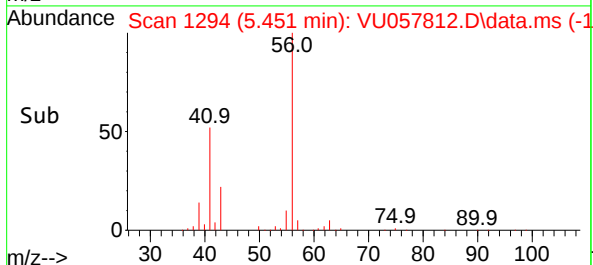
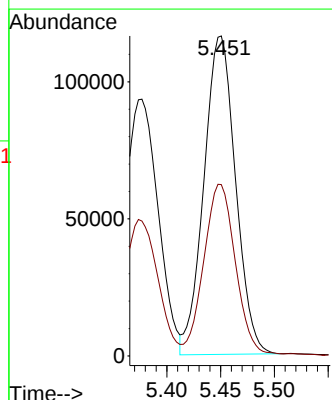
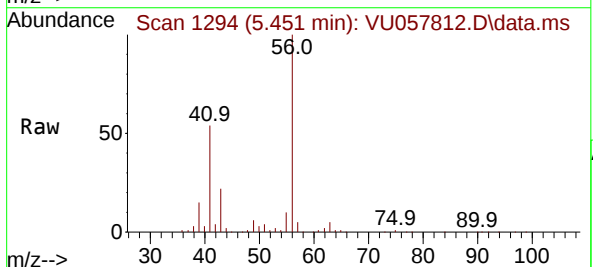
RT: 5.451 min Scan# 1294

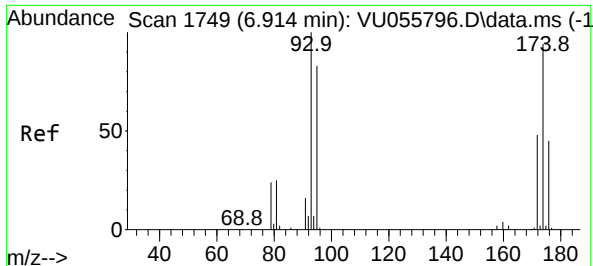
Delta R.T. 0.007 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Tgt Ion:	56	Resp:	238118
Ion Ratio	Lower	Upper	
56	100		
41	52.8	25.2	75.6





#43

Dibromomethane

Concen: 10.452 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 63224

Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.6

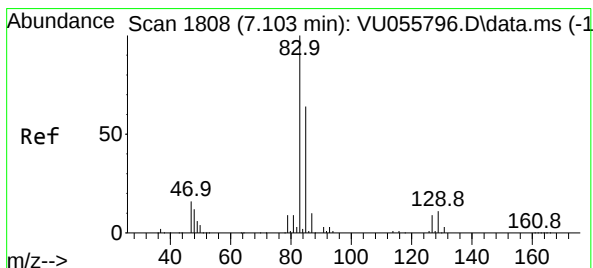
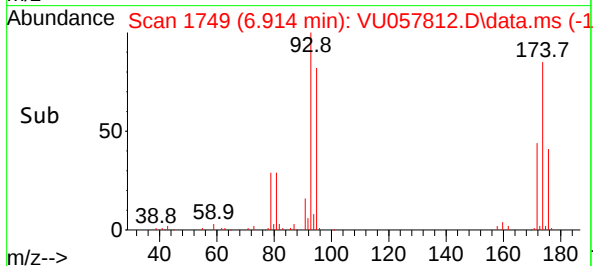
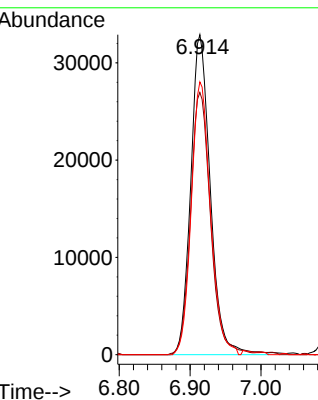
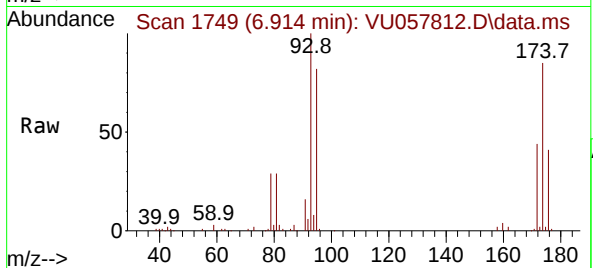
174 83.9 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 10.466 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

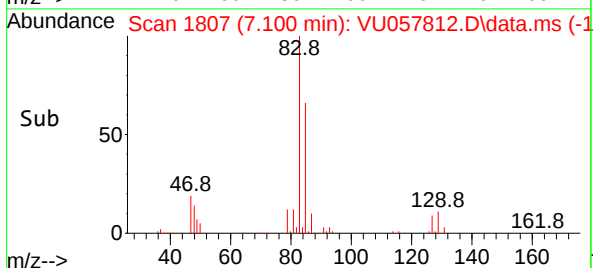
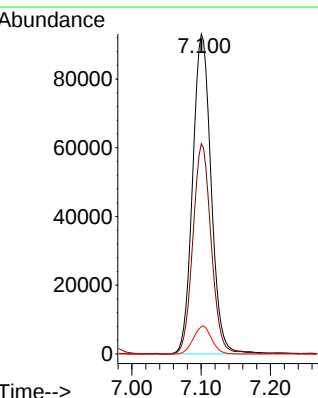
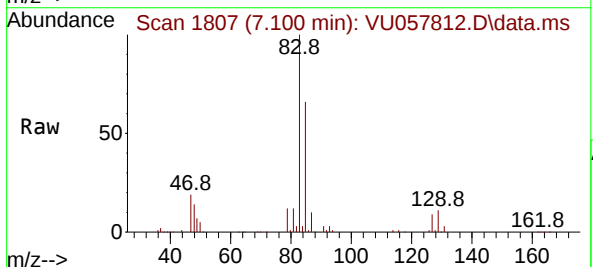
Tgt Ion: 83 Resp: 172073

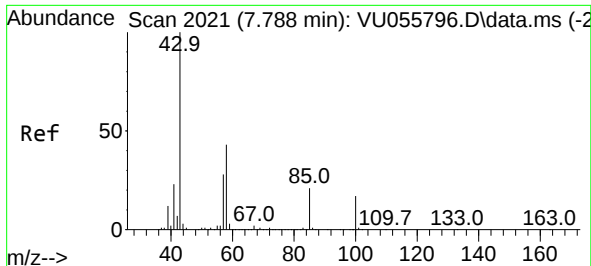
Ion Ratio Lower Upper

83 100

85 65.7 51.9 77.9

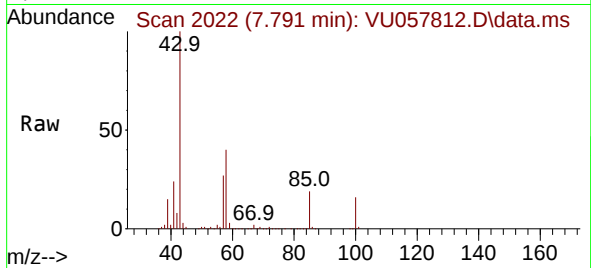
127 8.5 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 52.332 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

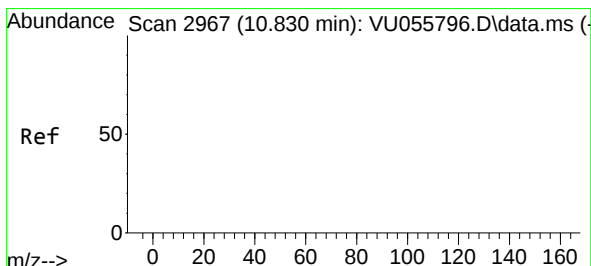
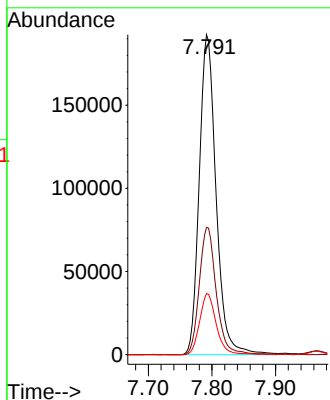
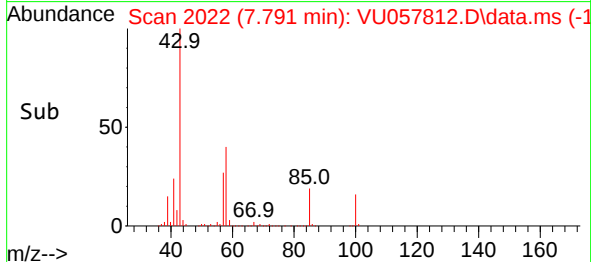
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 35385
Ion Ratio Lower Upper
43 100
58 40.4 20.9 62.8
85 18.9 14.6 21.8

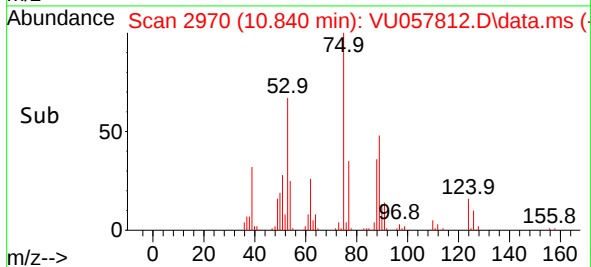
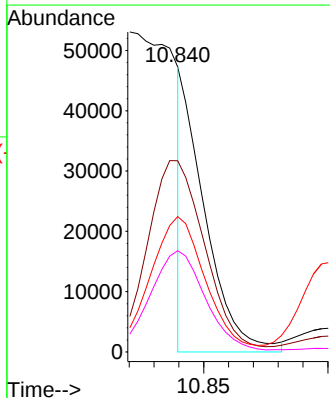
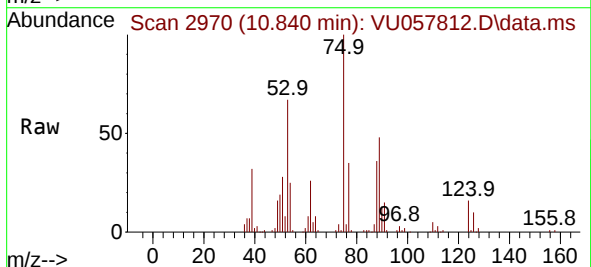
Manual Integrations
APPROVED

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



#46
t-1,4-Dichloro-2-butene
Concen: 16.753 ug/l m
RT: 10.840 min Scan# 2970
Delta R.T. 0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion: 75 Resp: 30383
Ion Ratio Lower Upper
75 100
53 169.7 73.3 109.9#
89 115.4 48.2 72.4#
88 86.7 36.4 54.6#





#47

Methyl methacrylate

Concen: 20.684 ug/l

RT: 6.962 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU057812.D

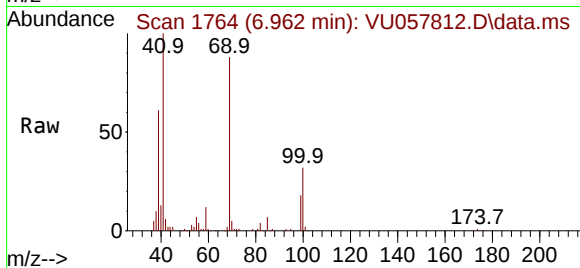
Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 69 Resp: 114704

Ion Ratio Lower Upper

69 100

41 111.1 0.0 209.2

39 68.0 46.7 70.1

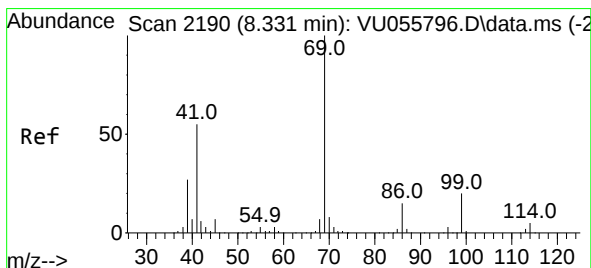
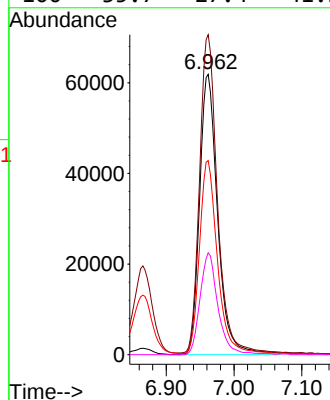
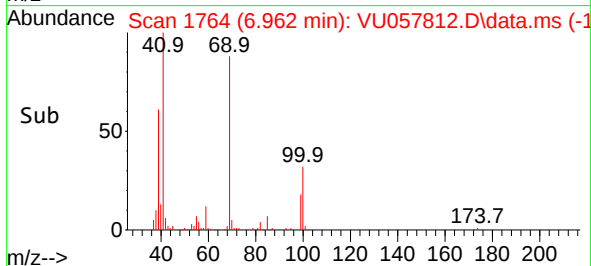
100 35.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48

Ethyl methacrylate

Concen: 10.452 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU057812.D

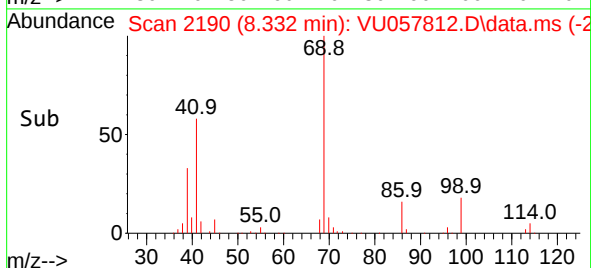
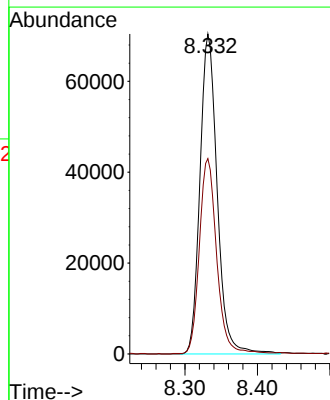
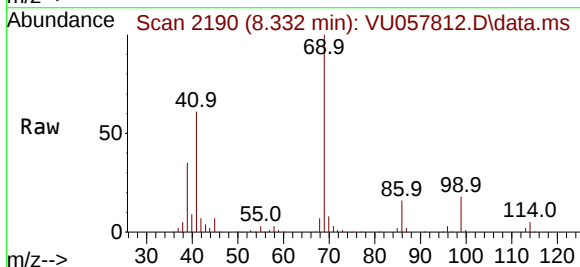
Acq: 06 Feb 2024 09:08

Tgt Ion: 69 Resp: 116275

Ion Ratio Lower Upper

69 100

41 60.9 30.3 90.8





#49

Toluene

Concen: 10.532 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 317228

Ion Ratio Lower Upper

92 100

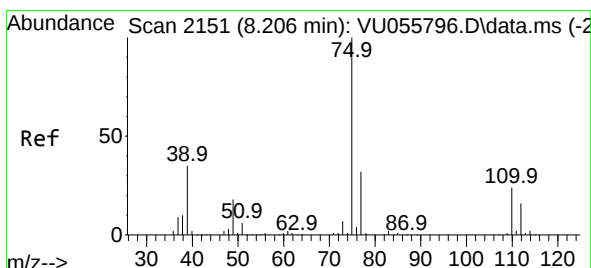
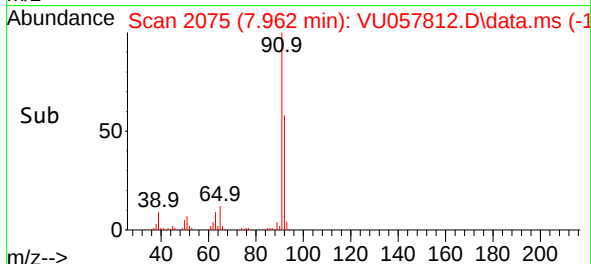
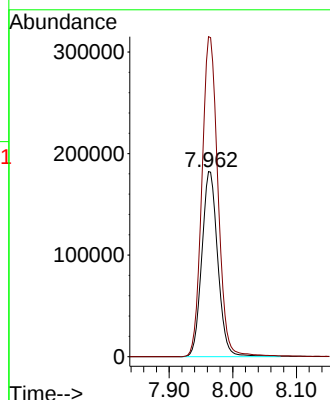
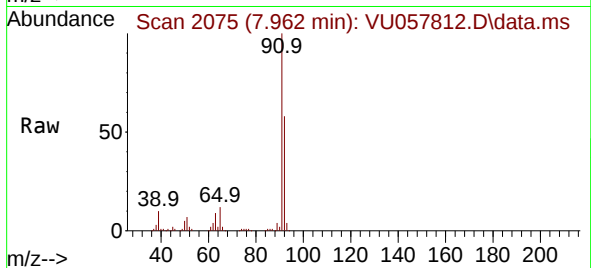
91 174.4 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 10.875 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057812.D

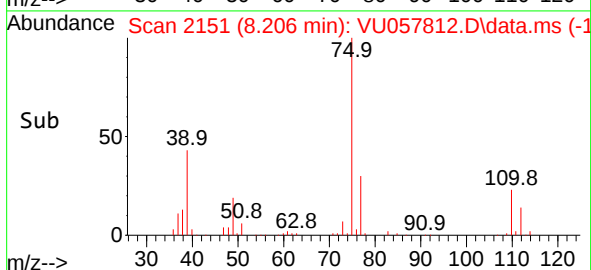
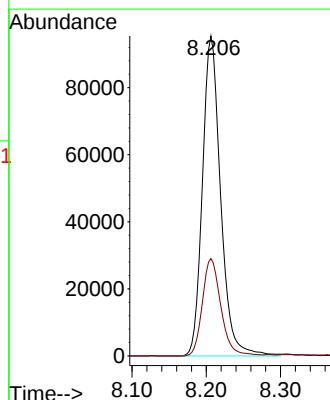
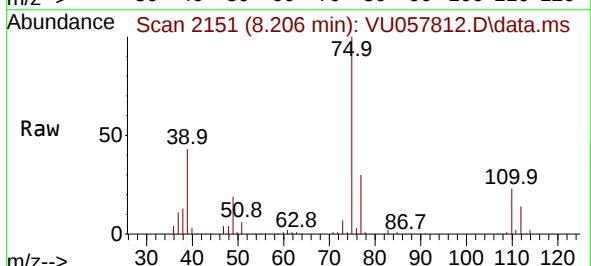
Acq: 06 Feb 2024 09:08

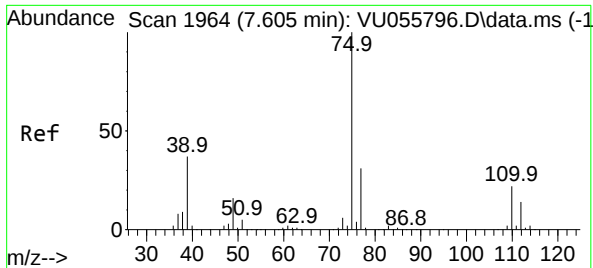
Tgt Ion: 75 Resp: 162598

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9





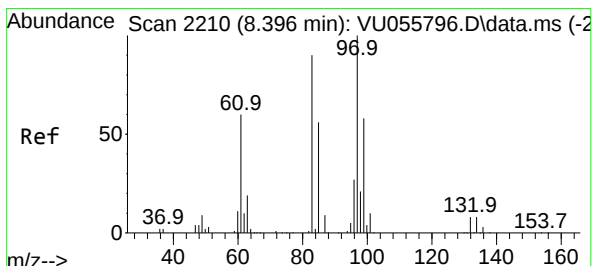
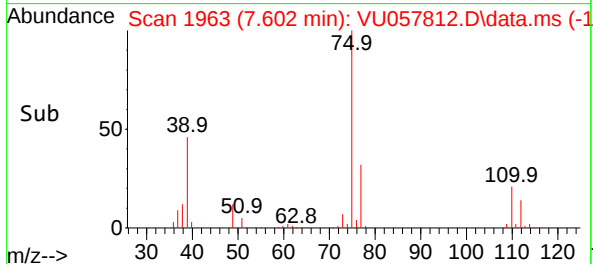
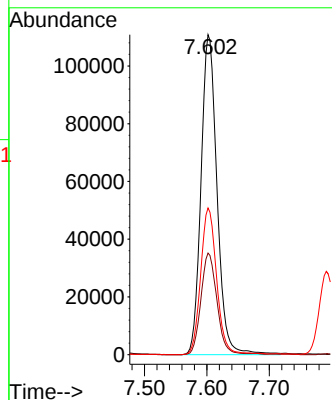
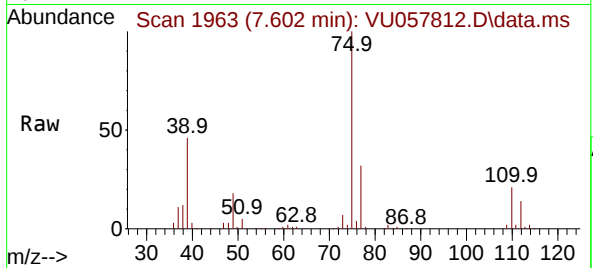
#51
cis-1,3-Dichloropropene
Concen: 10.617 ug/l
RT: 7.602 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 198008
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 45.9 32.8 49.2

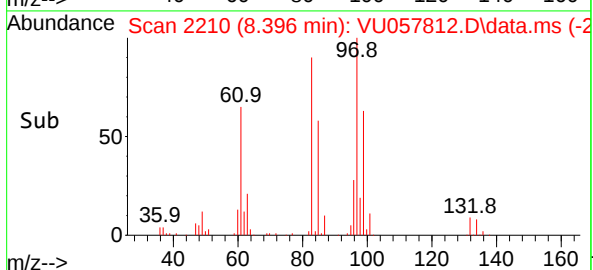
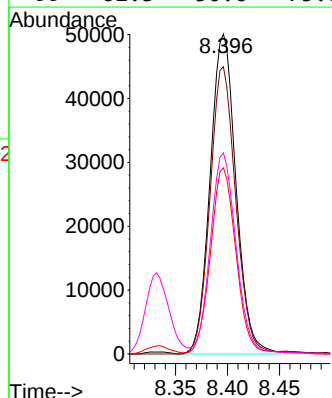
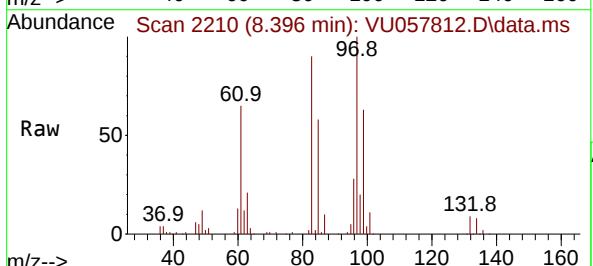
Manual Integrations
APPROVED

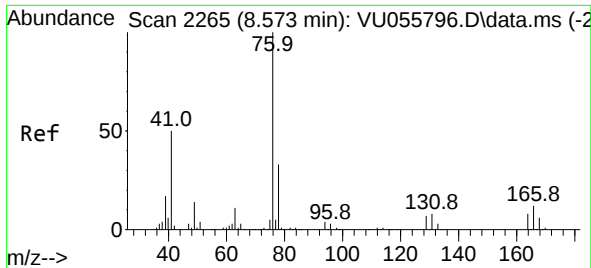
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#52
1,1,2-Trichloroethane
Concen: 10.409 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

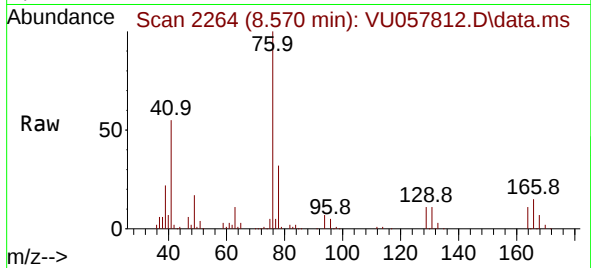
Tgt Ion: 97 Resp: 86664
Ion Ratio Lower Upper
97 100
83 89.8 71.8 107.8
85 57.7 45.2 67.8
99 62.3 50.6 75.8





#53
1,3-Dichloropropane
Concen: 10.380 ug/l
RT: 8.570 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

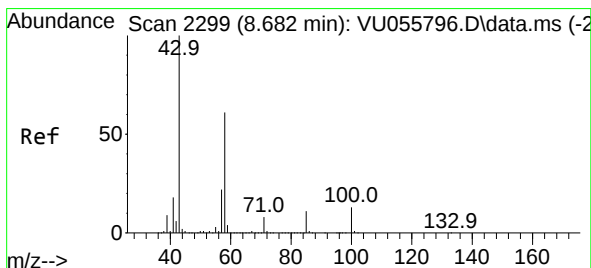
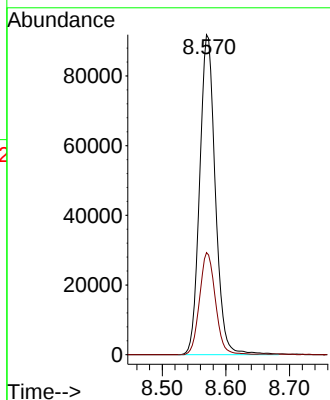
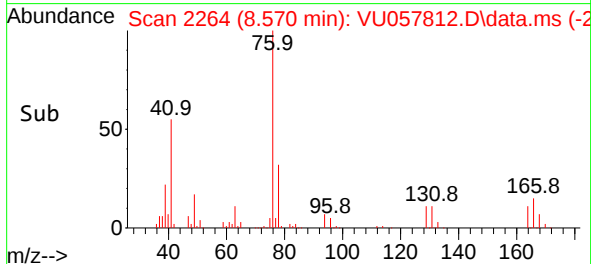
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



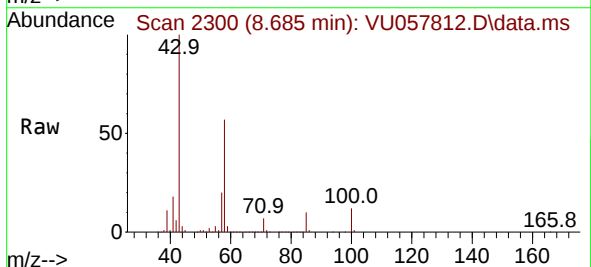
Tgt Ion: 76 Resp: 156900
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

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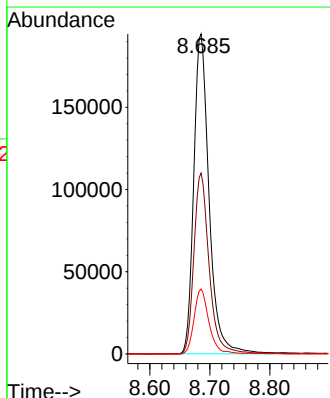
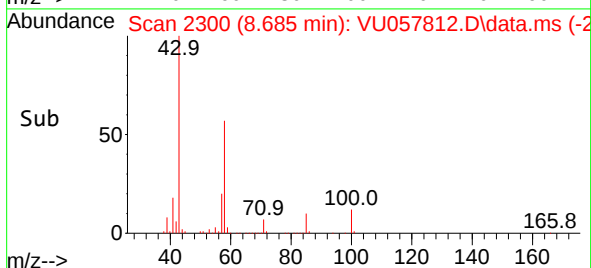
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 52.902 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



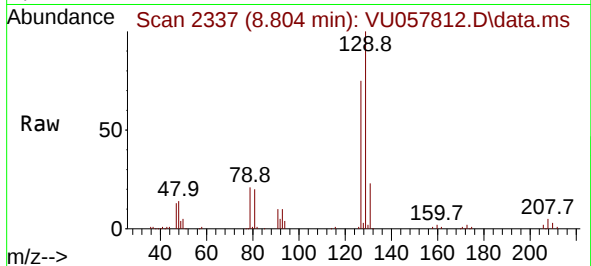
Tgt Ion: 43 Resp: 346367
Ion Ratio Lower Upper
43 100
58 56.3 38.2 78.2
57 19.7 0.0 39.1





#55
Dibromochloromethane
Concen: 10.822 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

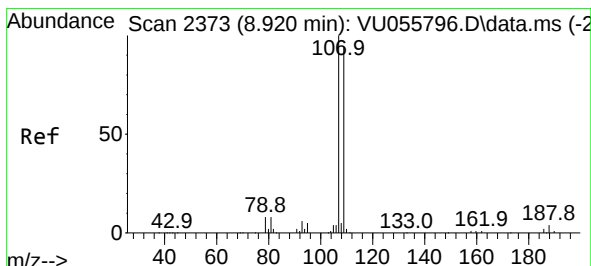
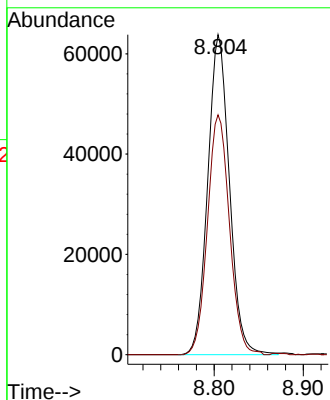
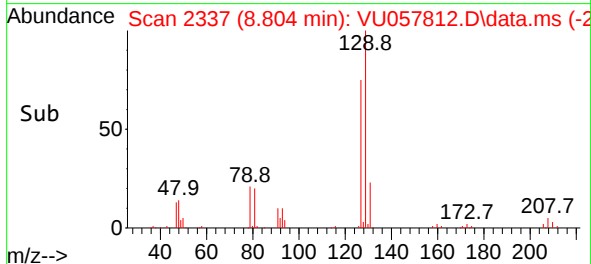
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 107644
Ion Ratio Lower Upper
129 100
127 76.1 61.4 92.0

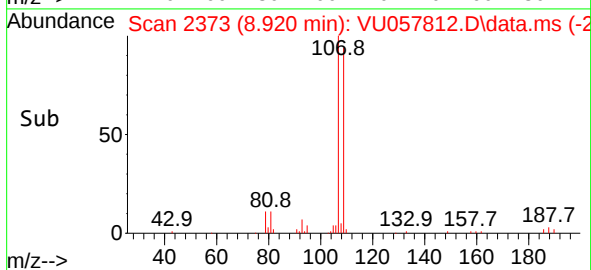
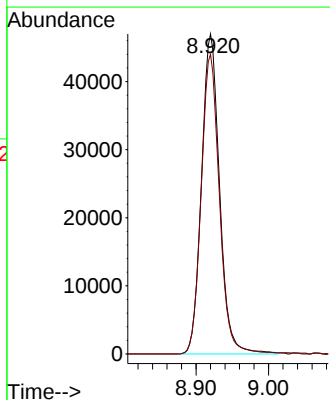
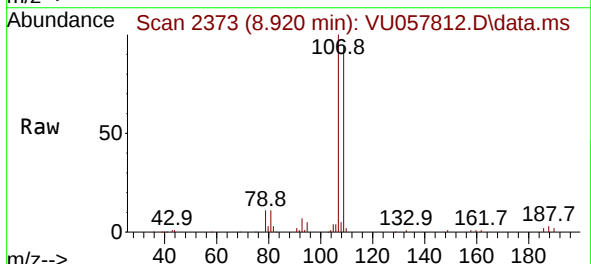
Manual Integrations
APPROVED

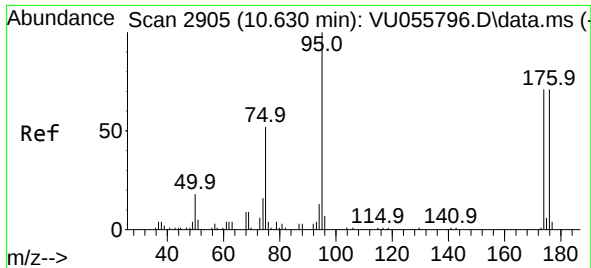
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 10.418 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

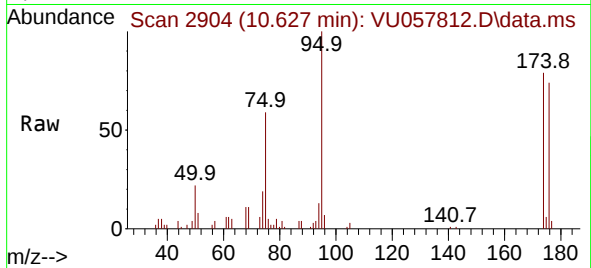
Tgt Ion:107 Resp: 81249
Ion Ratio Lower Upper
107 100
109 94.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.108 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

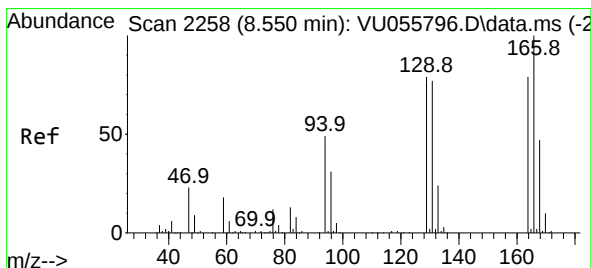
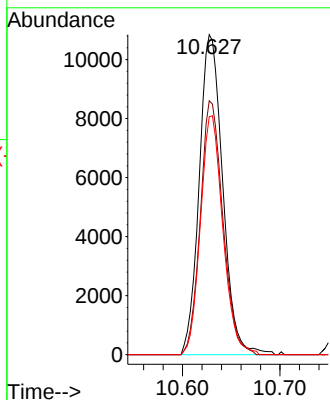
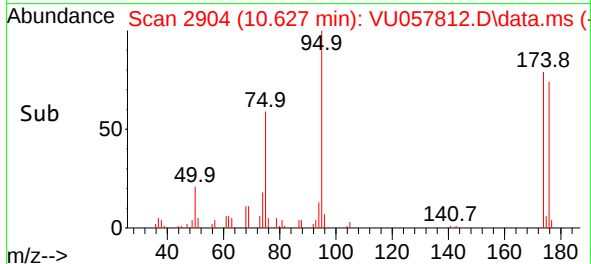
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 95 Resp: 1815
Ion Ratio Lower Upper
95 100
174 76.4 63.3 94.9
176 71.4 59.3 88.9

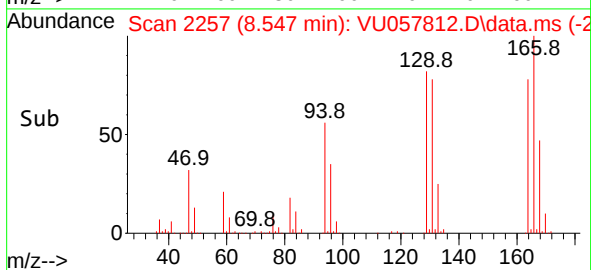
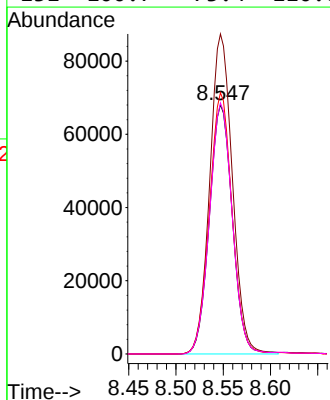
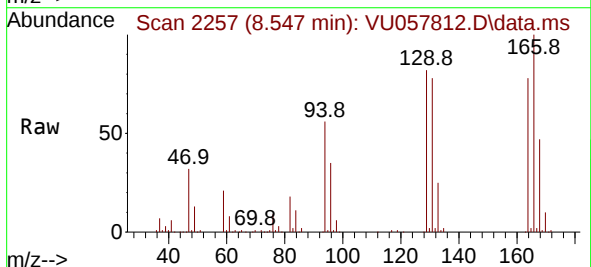
Manual Integrations
APPROVED

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



#58
Tetrachloroethene
Concen: 10.303 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:164 Resp: 114641
Ion Ratio Lower Upper
164 100
166 128.3 99.6 149.4
129 104.8 78.6 117.8
131 100.7 73.4 110.0





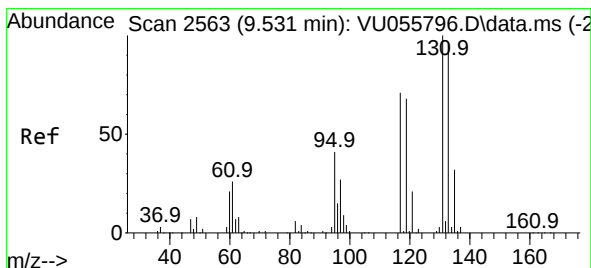
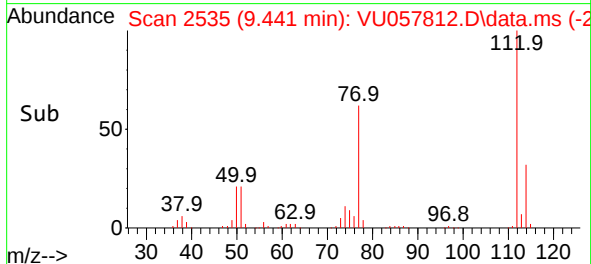
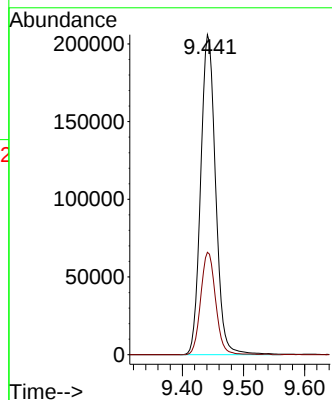
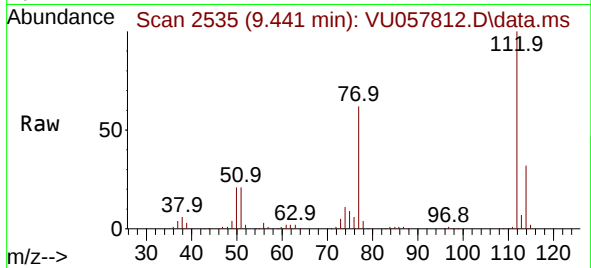
#59
Chlorobenzene
Concen: 10.573 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 35019
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

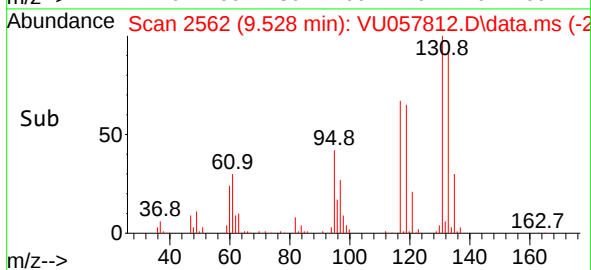
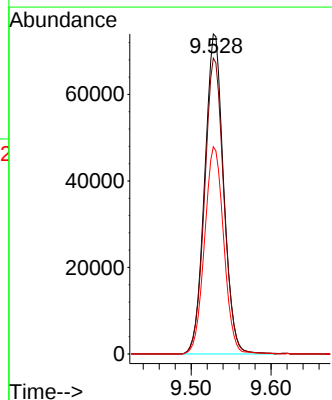
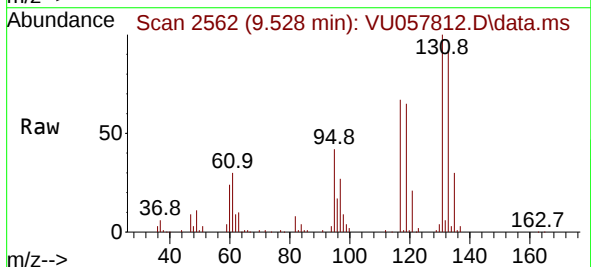
Manual Integrations
APPROVED

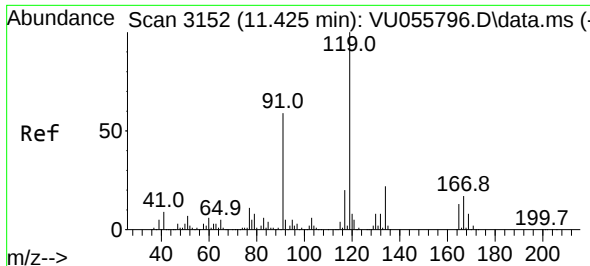
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.749 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:131 Resp: 122055
Ion Ratio Lower Upper
131 100
133 94.0 77.8 116.6
119 65.5 55.2 82.8





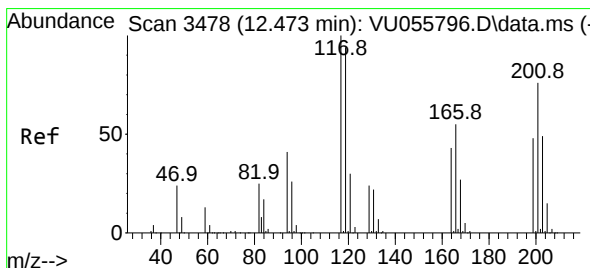
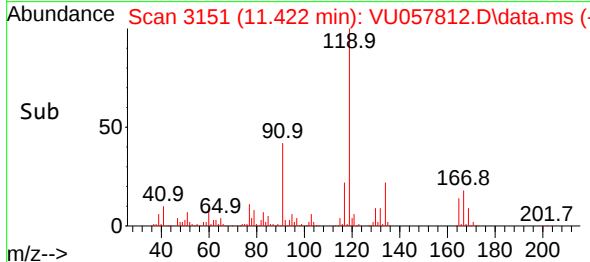
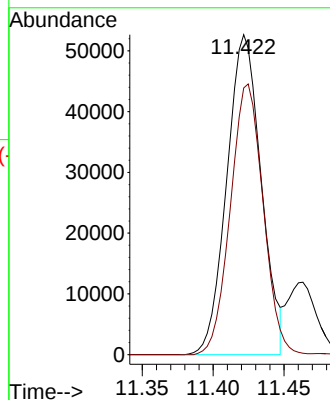
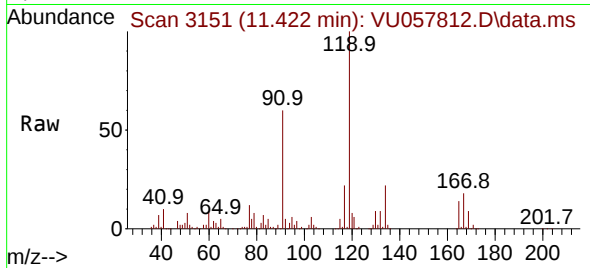
#61
Pentachloroethane
Concen: 10.605 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 88776
Ion Ratio Lower Upper
117 100
167 80.8 56.7 85.1

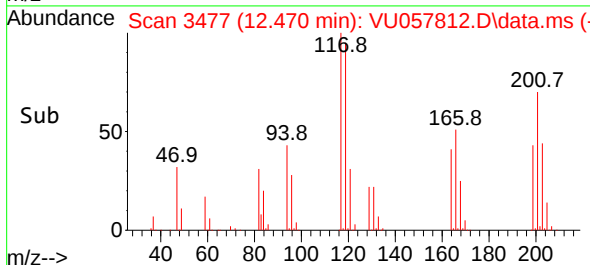
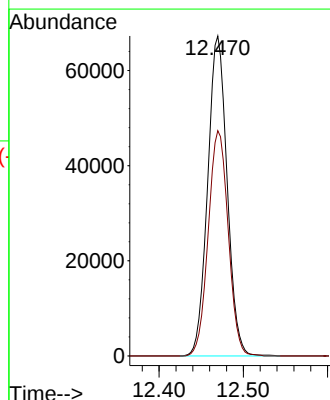
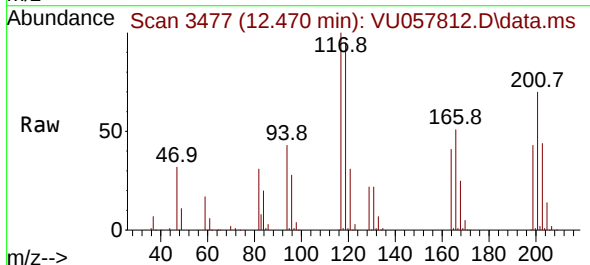
Manual Integrations
APPROVED

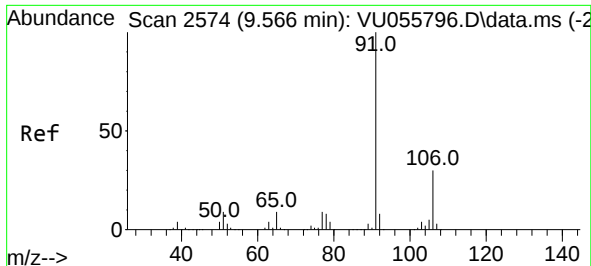
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 11.142 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:117 Resp: 108099
Ion Ratio Lower Upper
117 100
201 72.1 59.6 89.4





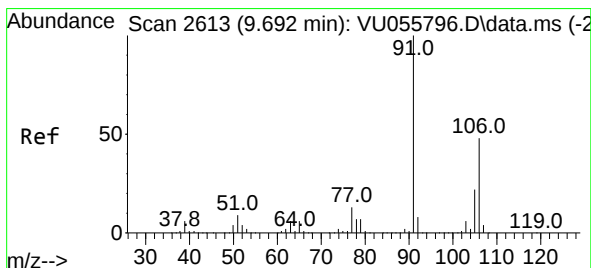
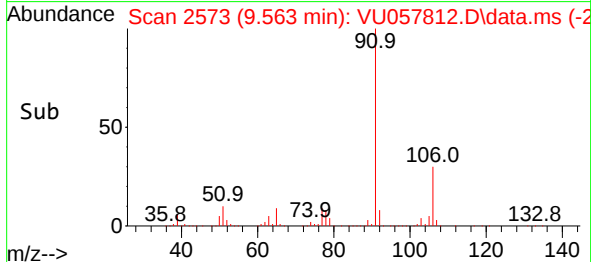
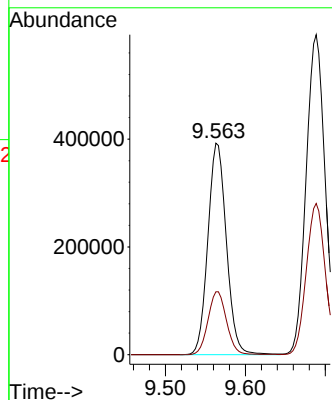
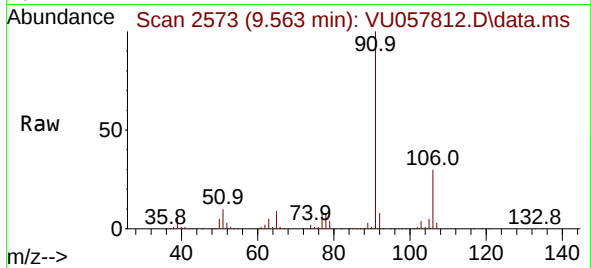
#63
Ethyl Benzene
Concen: 10.615 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 632744
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

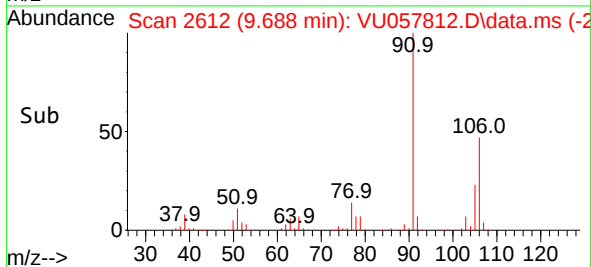
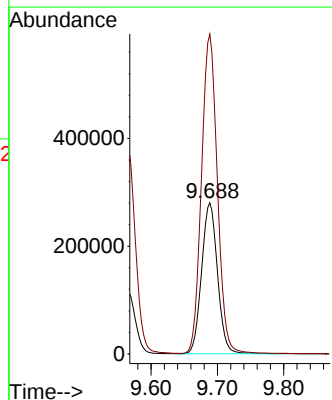
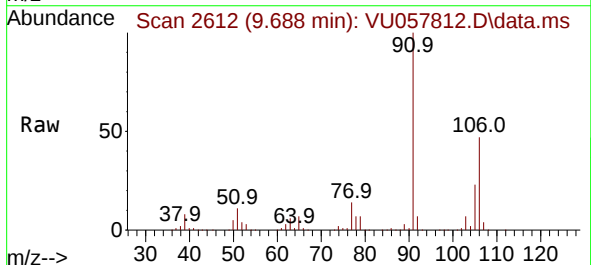
Manual Integrations
APPROVED

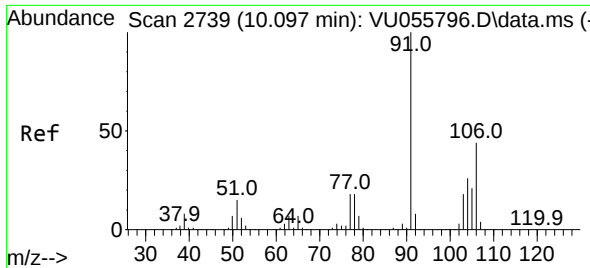
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 21.394 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:106 Resp: 467236
Ion Ratio Lower Upper
106 100
91 212.2 167.3 250.9





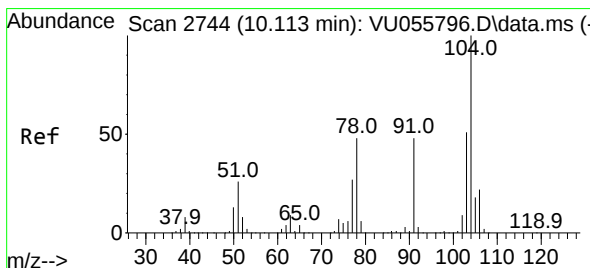
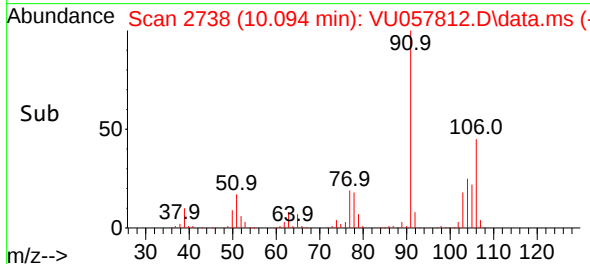
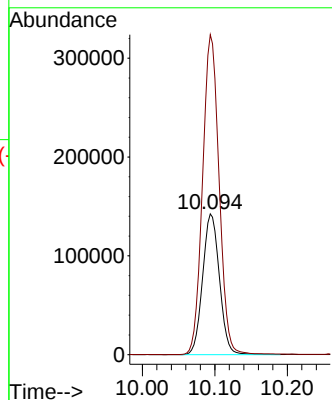
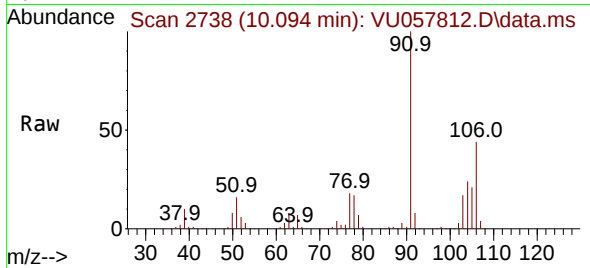
#65
o-Xylene
Concen: 10.572 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 229358
Ion Ratio Lower Upper
106 100
91 225.1 109.3 327.9

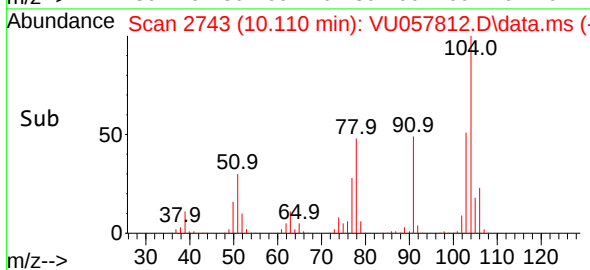
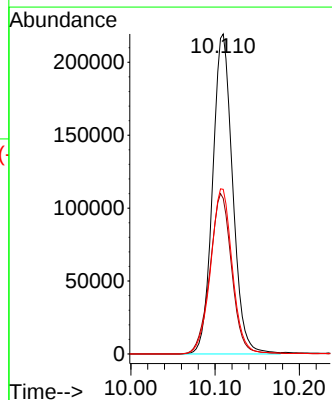
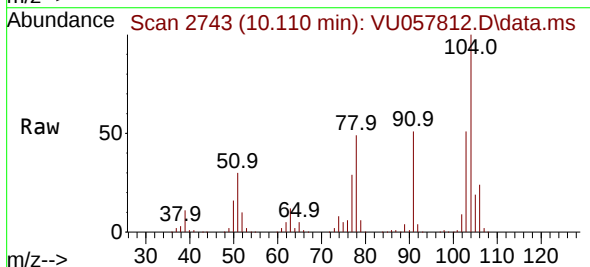
Manual Integrations
APPROVED

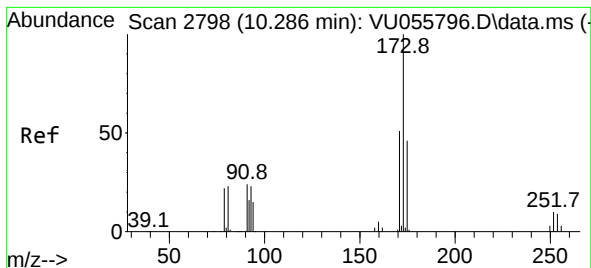
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 10.814 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Tgt Ion:104 Resp: 362332
Ion Ratio Lower Upper
104 100
78 54.5 39.7 59.5
103 56.0 44.8 67.2





#67

Bromoform

Concen: 11.143 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 5576

Ion Ratio Lower Upper

173 100

175 47.8 39.0 58.6

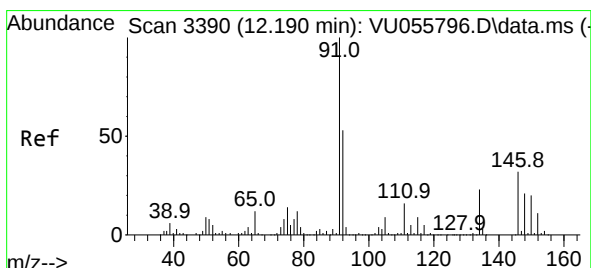
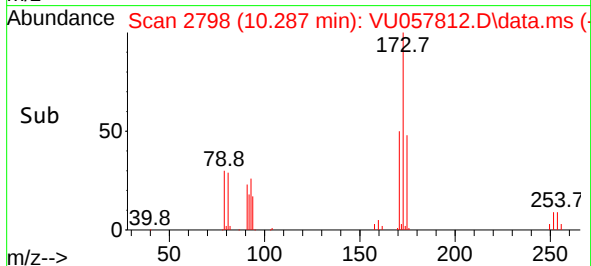
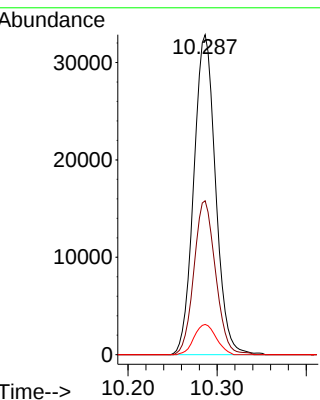
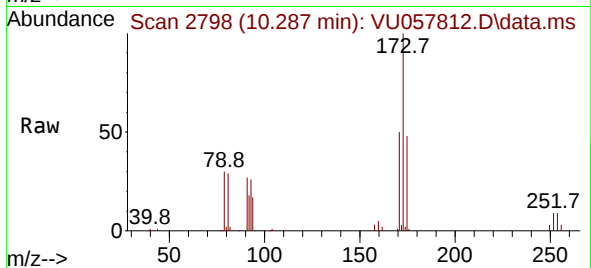
254 9.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#68

1,2-Dichlorobenzene-d4

Concen: 1.007 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.006 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

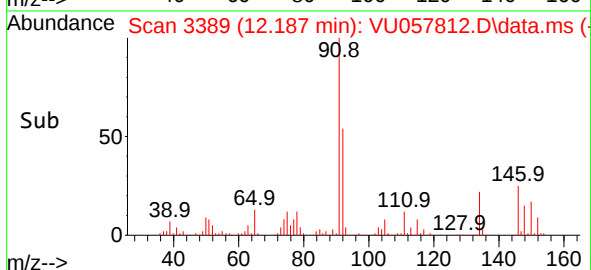
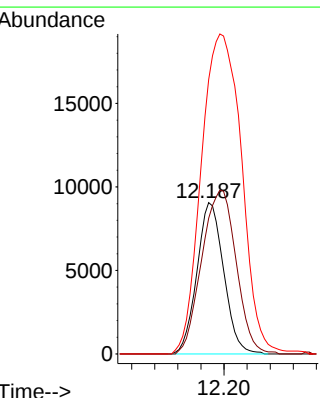
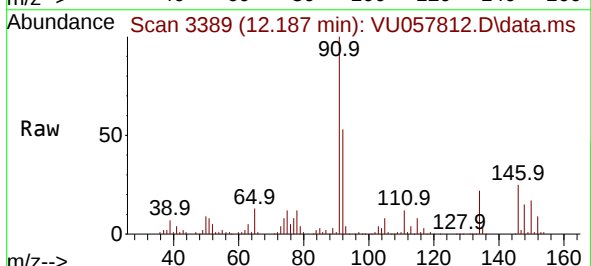
Tgt Ion:152 Resp: 14593

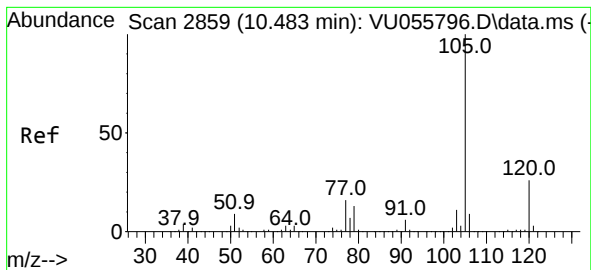
Ion Ratio Lower Upper

152 100

115 138.9 0.0 308.8

150 318.0 0.0 635.0





#69

Isopropylbenzene

Concen: 10.744 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 61844

Ion Ratio Lower Upper

105 100

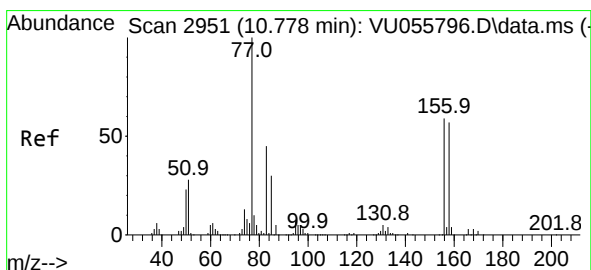
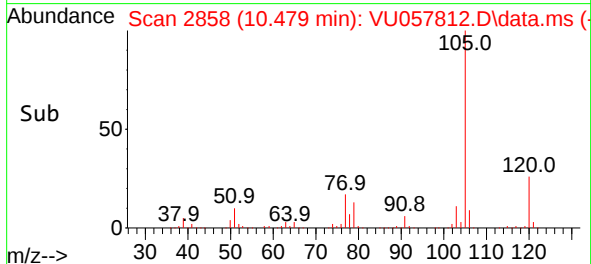
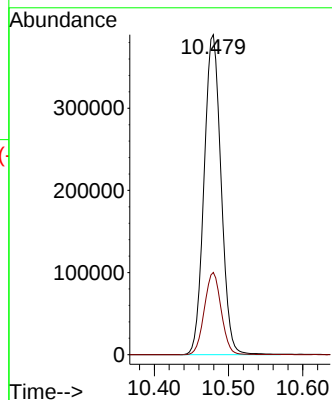
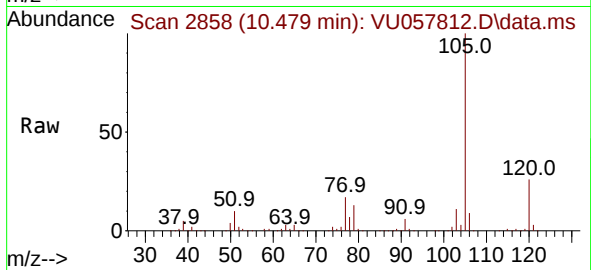
120 25.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 10.383 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.006 min

Lab File: VU057812.D

Acq: 06 Feb 2024 09:08

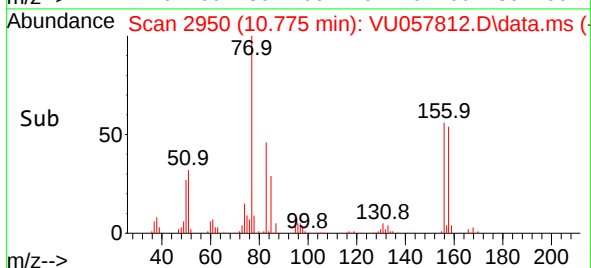
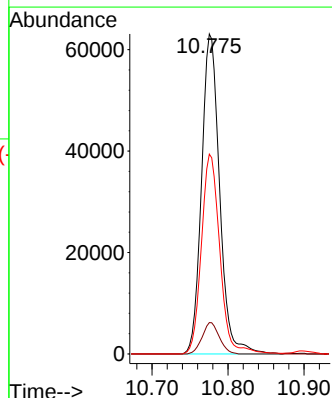
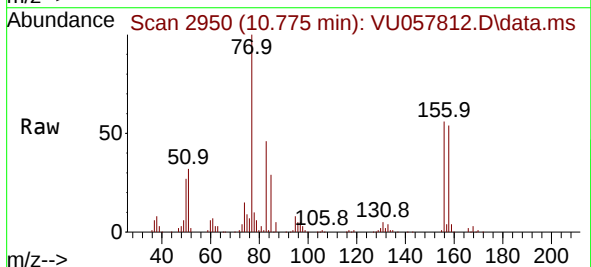
Tgt Ion: 83 Resp: 104094

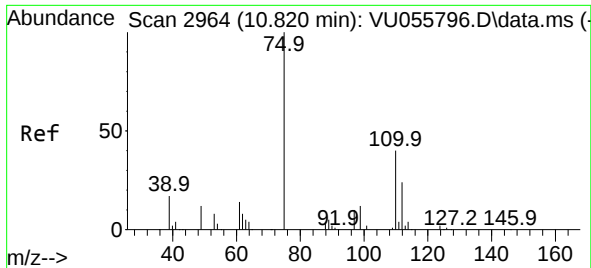
Ion Ratio Lower Upper

83 100

131 9.3 7.2 10.8

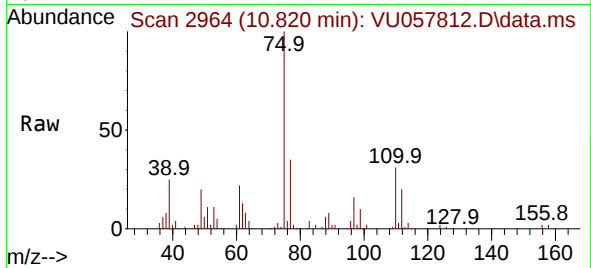
85 63.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 11.708 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.013 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

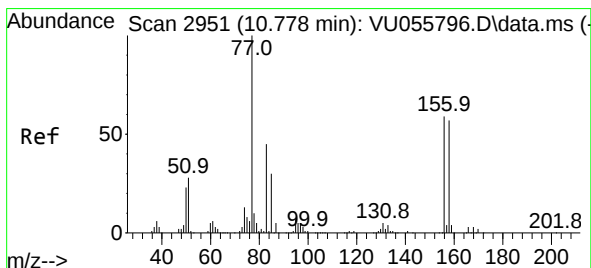
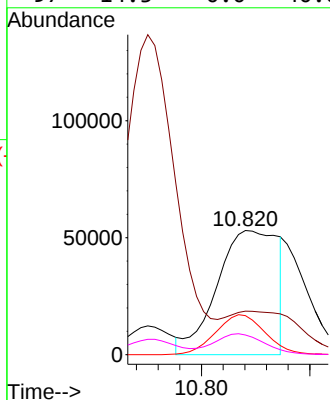
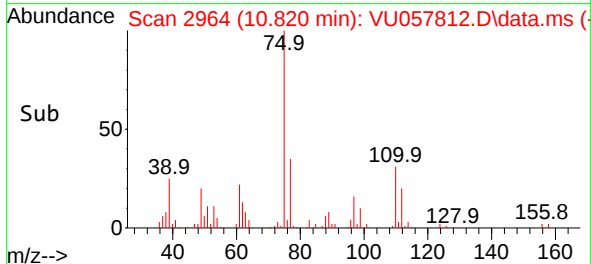


Tgt Ion: 75 Resp: 103724

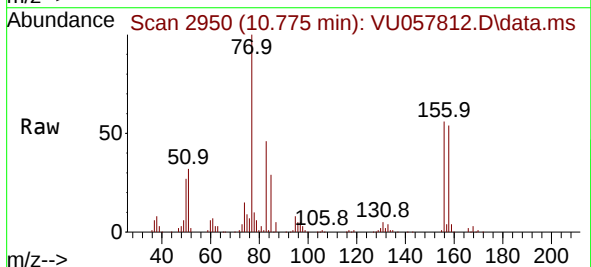
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	26.4	0.0	74.6
97	14.3	0.0	40.0

Manual Integrations
APPROVED

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

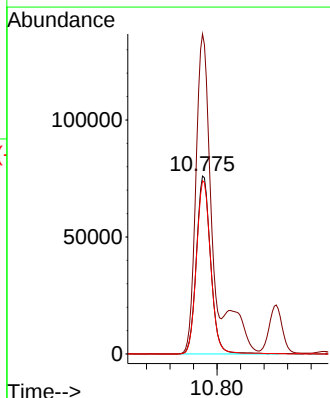
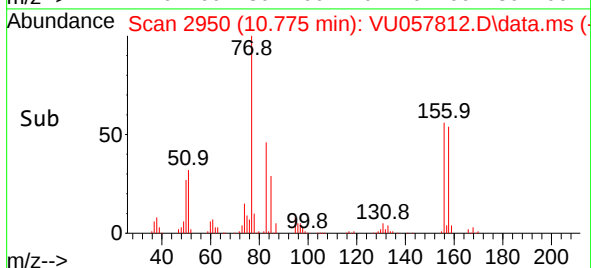


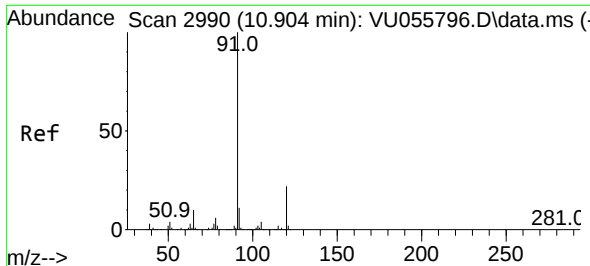
#72
Bromobenzene
Concen: 10.344 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion:156 Resp: 127558

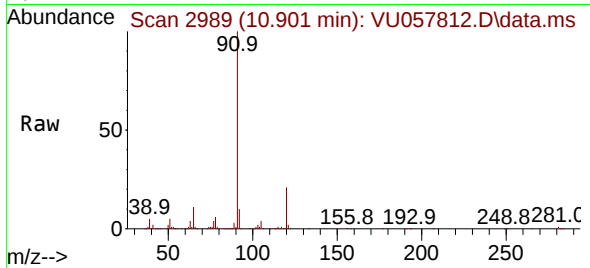
Ion	Ratio	Lower	Upper
156	100		
77	180.4	0.0	343.0
158	97.3	0.0	194.8





#73
n-propylbenzene
Concen: 10.927 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

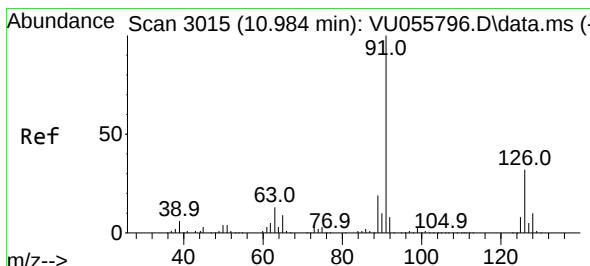
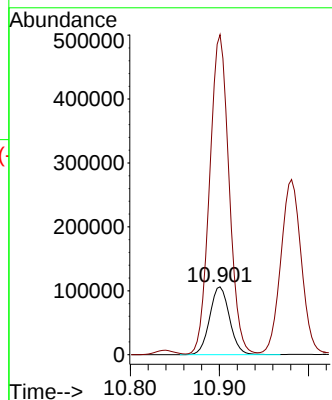
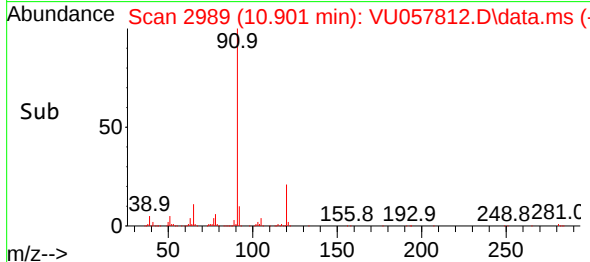
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



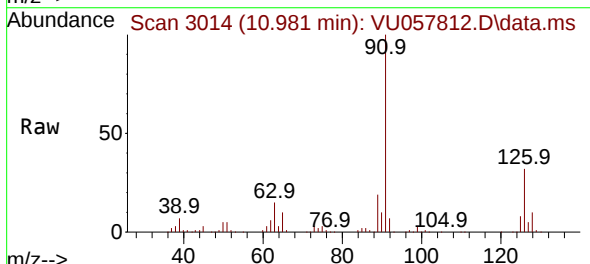
Tgt Ion:120 Resp: 164078
Ion Ratio Lower Upper
120 100
91 459.4 369.8 554.6

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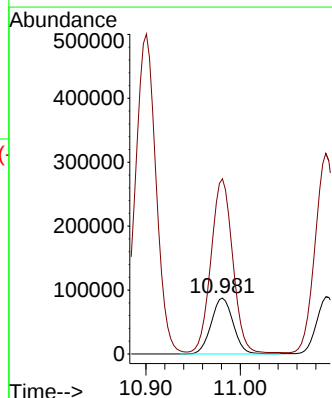
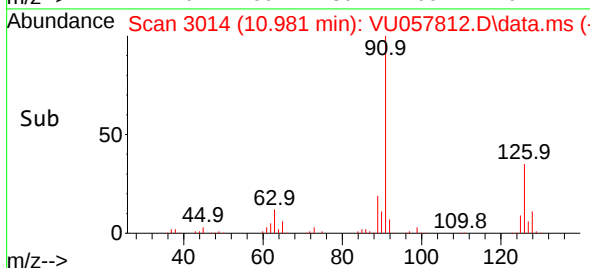
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

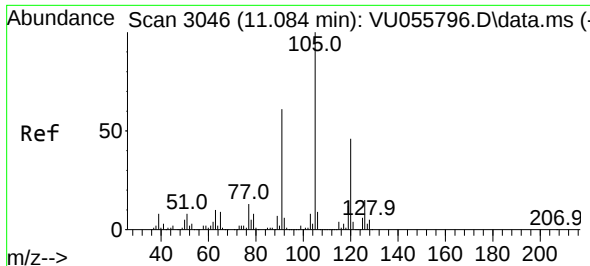


#74
2-Chlorotoluene
Concen: 10.749 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion:126 Resp: 141005
Ion Ratio Lower Upper
126 100
91 309.7 0.0 610.0





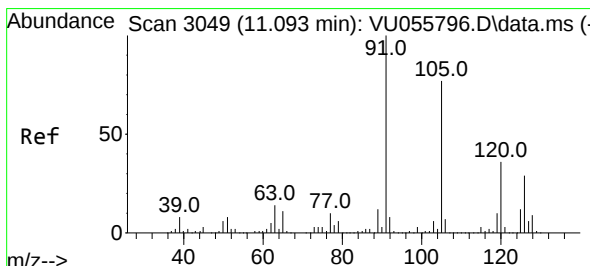
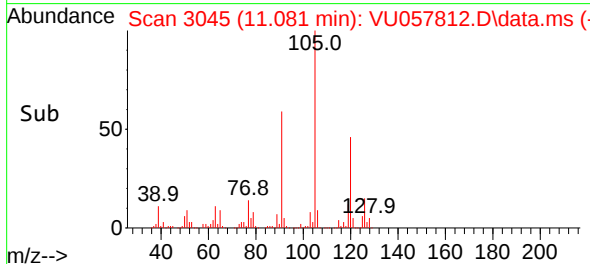
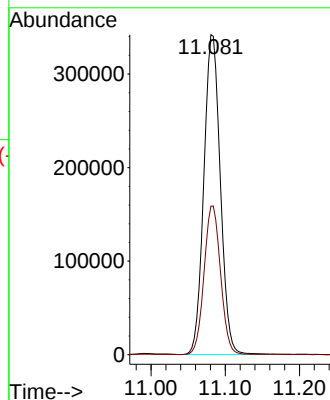
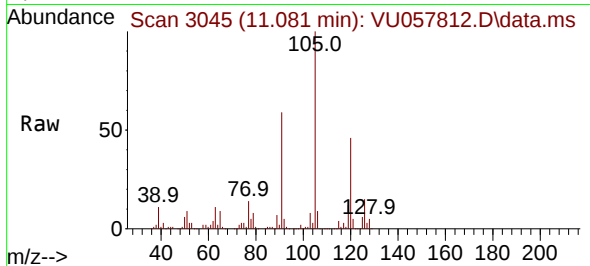
#75
1,3,5-Trimethylbenzene
Concen: 10.842 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 527434
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

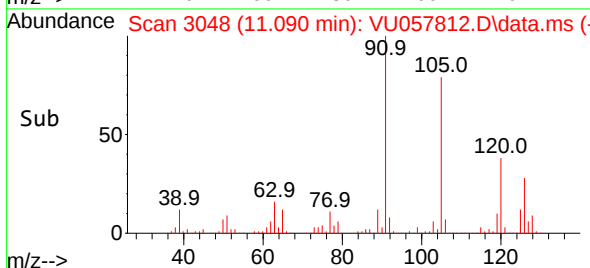
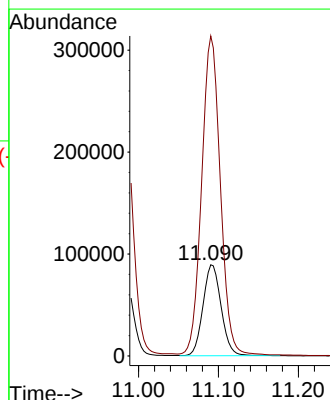
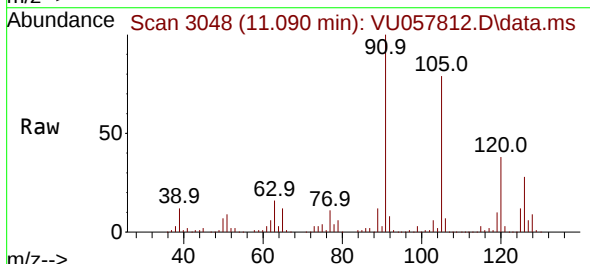
Manual Integrations
APPROVED

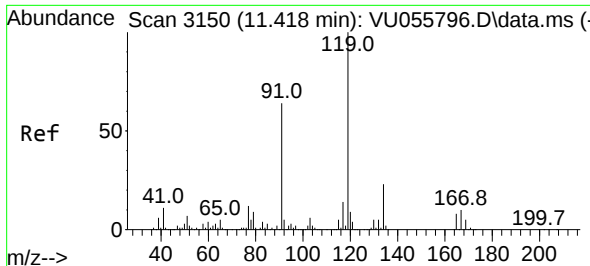
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#76
4-Chlorotoluene
Concen: 10.707 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

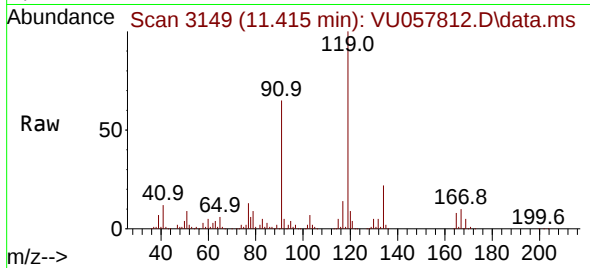
Tgt Ion:126 Resp: 141427
Ion Ratio Lower Upper
126 100
91 358.6 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.679 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

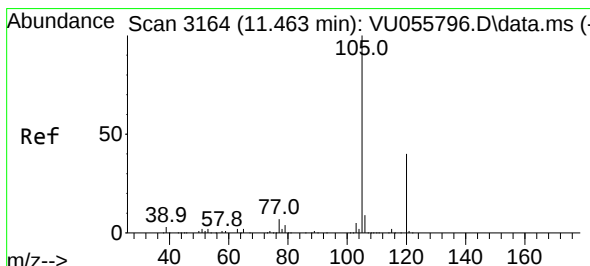
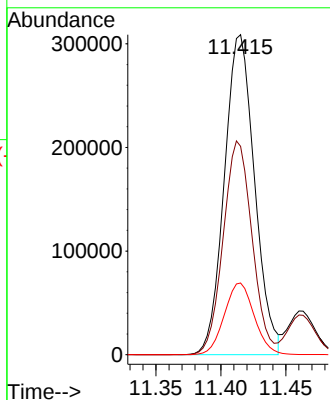
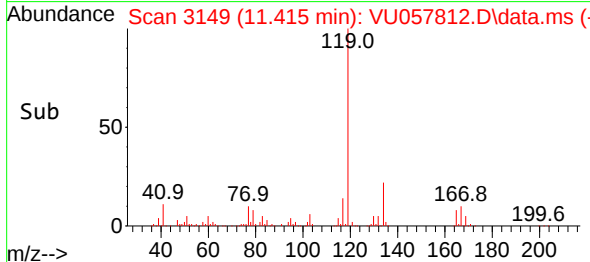
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



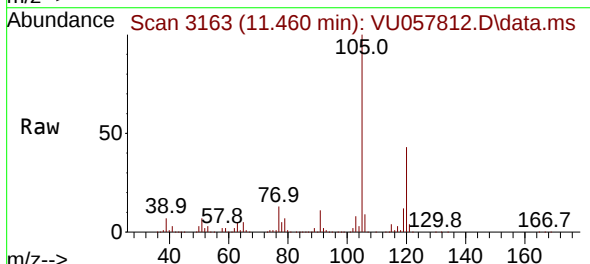
Tgt Ion:119 Resp: 500600
Ion Ratio Lower Upper
119 100
91 63.7 30.8 92.4
134 22.2 18.0 27.0

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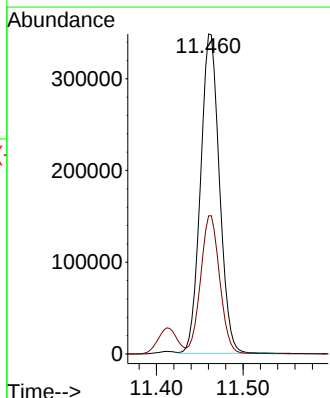
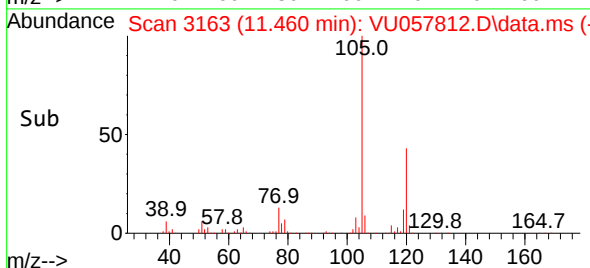
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

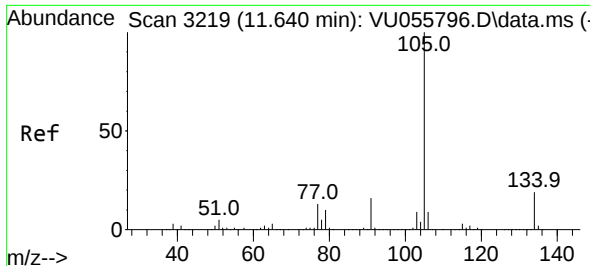


#78
1,2,4-Trimethylbenzene
Concen: 10.743 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion:105 Resp: 528652
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





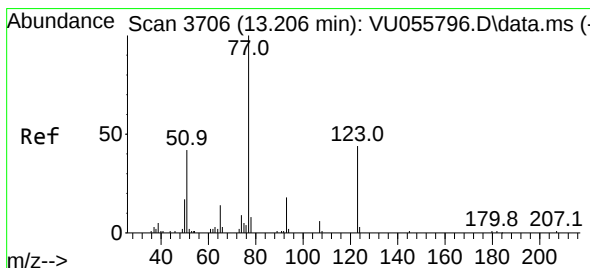
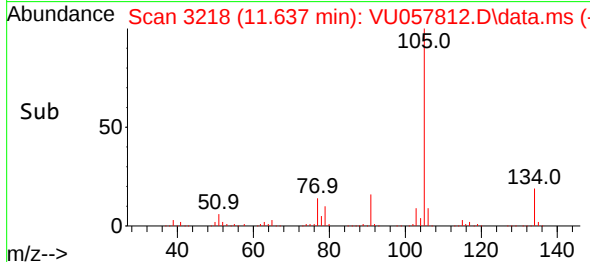
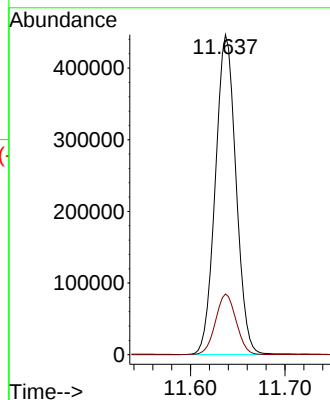
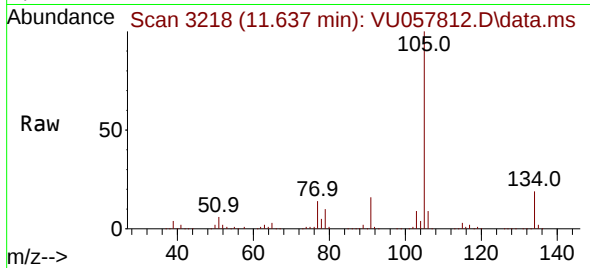
#79
 sec-Butylbenzene
 Concen: 10.933 ug/l
 RT: 11.637 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 67686
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

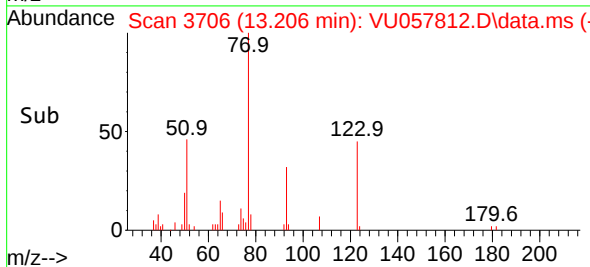
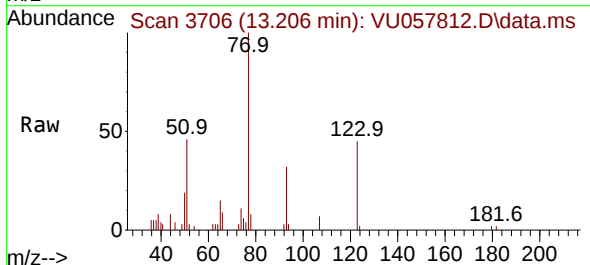
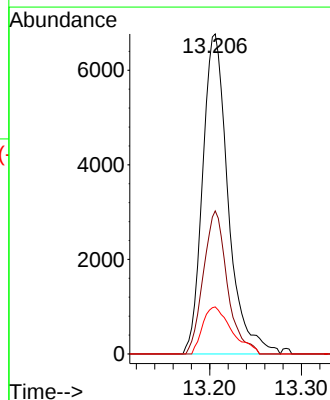
Manual Integrations
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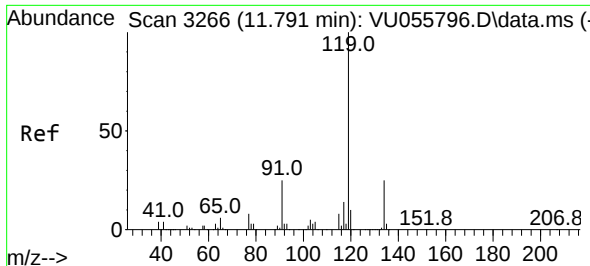
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 40.163 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU057812.D
 Acq: 06 Feb 2024 09:08

Tgt Ion: 77 Resp: 13088
 Ion Ratio Lower Upper
 77 100
 123 42.0 19.7 69.7
 65 16.7 11.5 14.7#





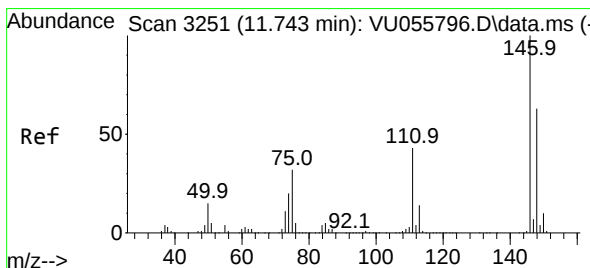
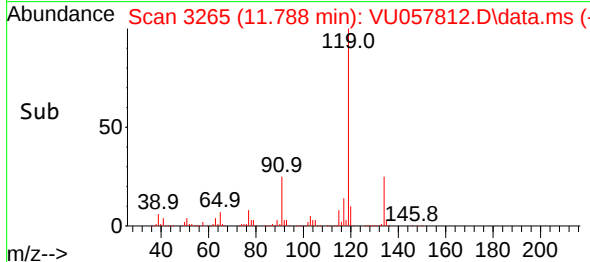
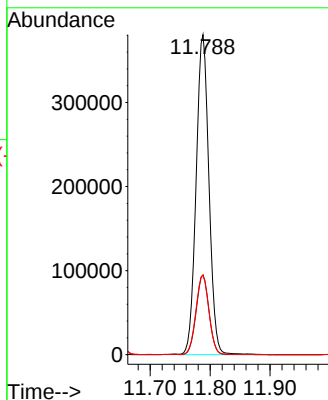
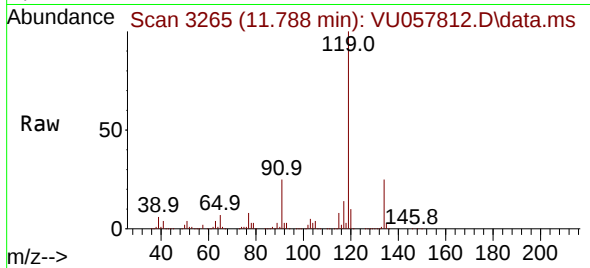
#81
p-Isopropyltoluene
Concen: 11.141 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 56712
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.4
91 25.0 19.3 28.9

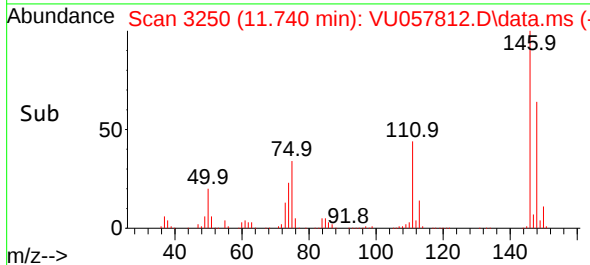
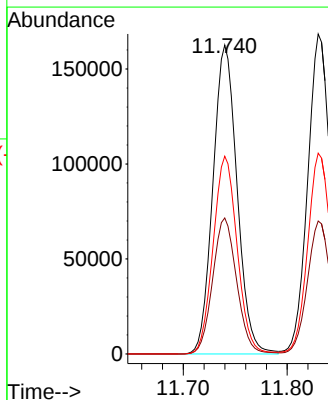
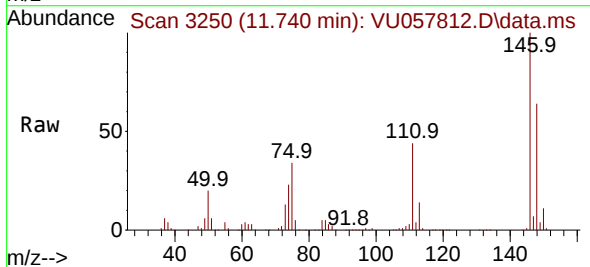
Manual Integrations
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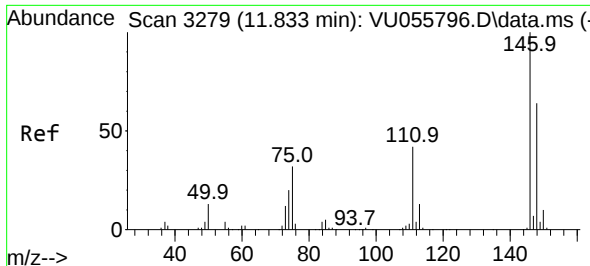
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 10.658 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

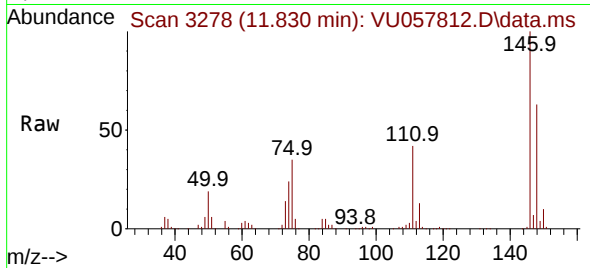
Tgt Ion:146 Resp: 262708
Ion Ratio Lower Upper
146 100
111 43.8 32.6 49.0
148 63.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.827 ug/l
RT: 11.830 min Scan# 3279
Delta R.T. -0.006 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

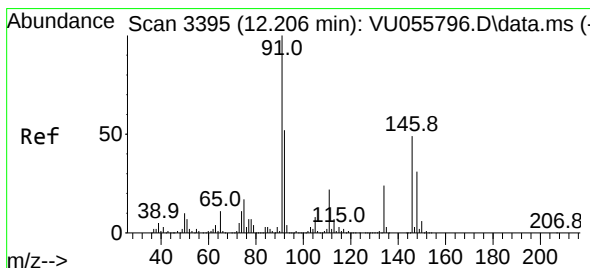
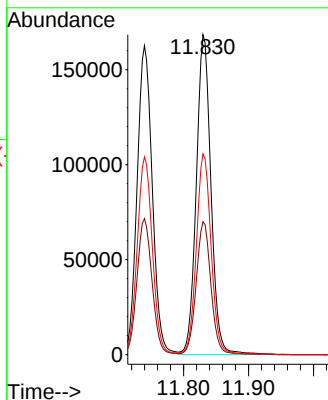
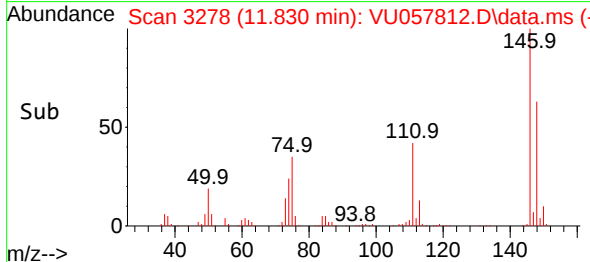
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



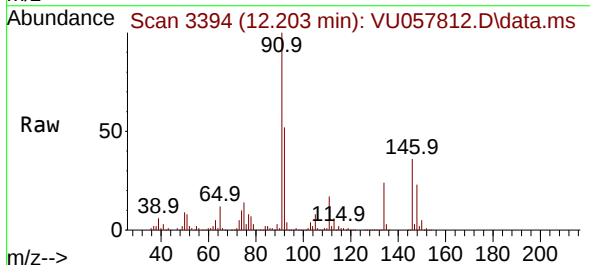
Tgt Ion:146 Resp: 26439
Ion Ratio Lower Upper
146 100
111 41.6 31.6 47.4
148 63.9 50.3 75.5

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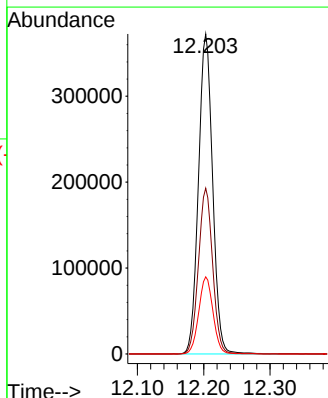
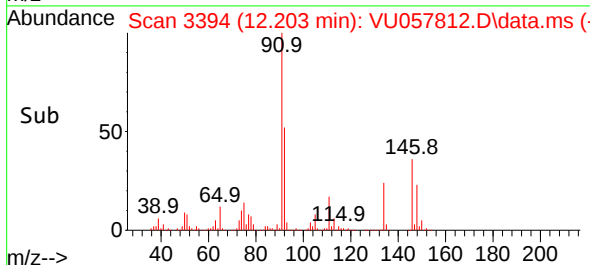
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

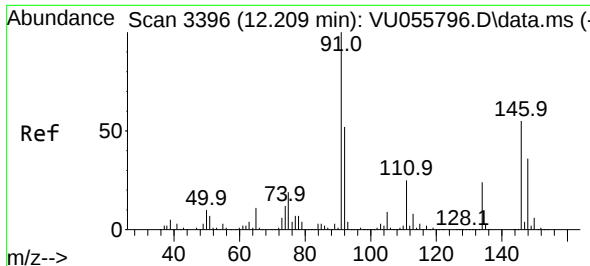


#84
n-Butylbenzene
Concen: 11.362 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion: 91 Resp: 551930
Ion Ratio Lower Upper
91 100
92 51.8 40.8 61.2
134 24.3 18.4 27.6





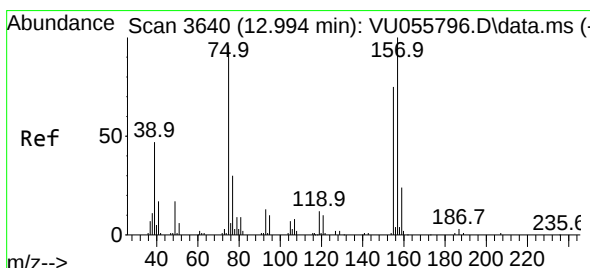
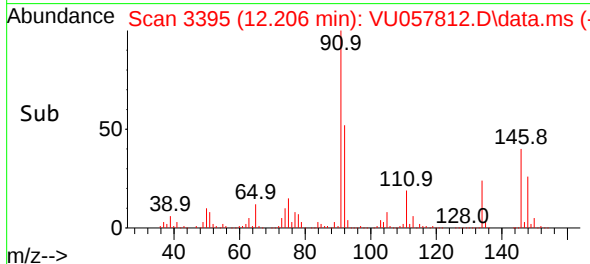
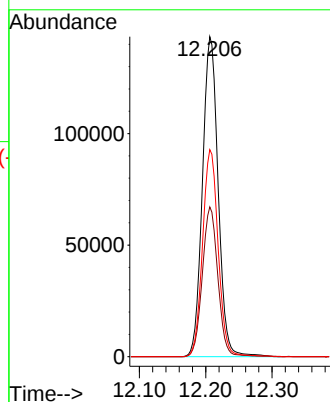
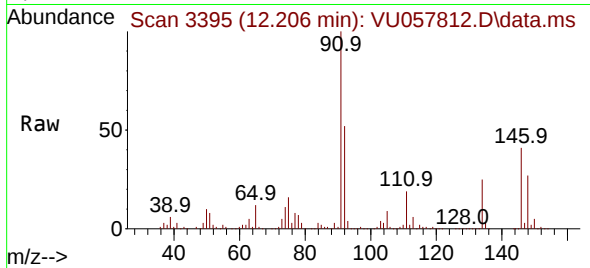
#85
1,2-Dichlorobenzene
Concen: 10.310 ug/l
RT: 12.206 min Scan# 311
Delta R.T. -0.006 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 23603
Ion Ratio Lower Upper
146 100
111 46.3 21.6 64.6
148 64.1 32.1 96.5

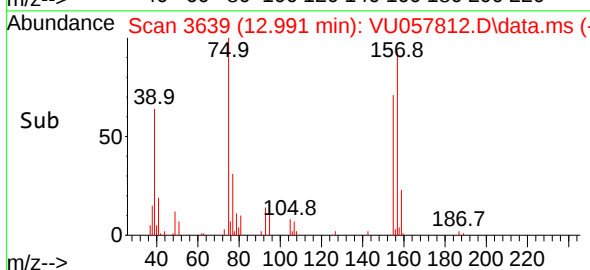
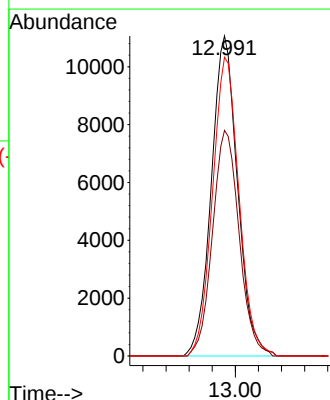
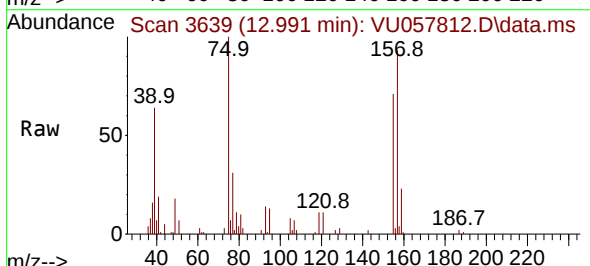
Manual Integrations
APPROVED

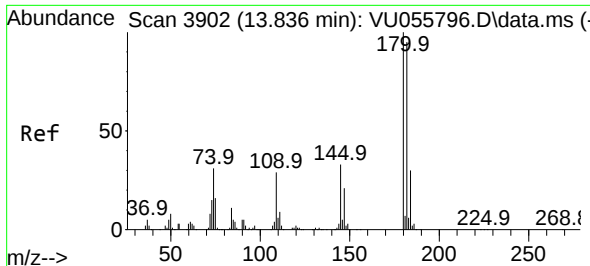
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.428 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

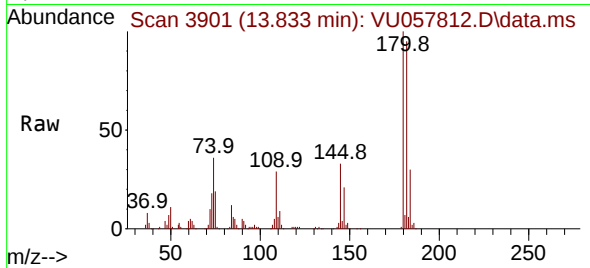
Tgt Ion: 75 Resp: 17457
Ion Ratio Lower Upper
75 100
155 71.4 61.8 92.8
157 94.1 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 11.232 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

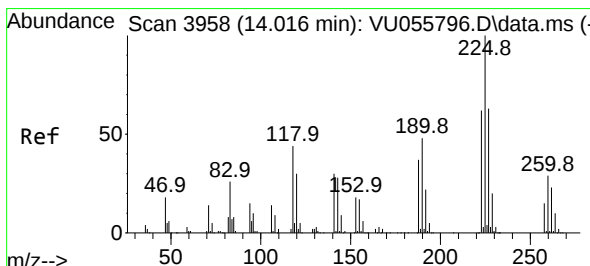
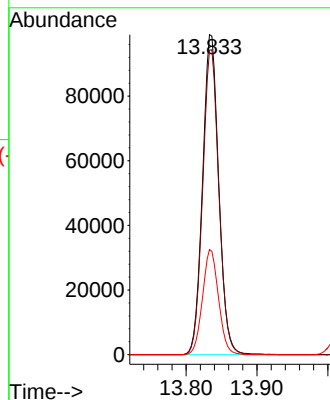
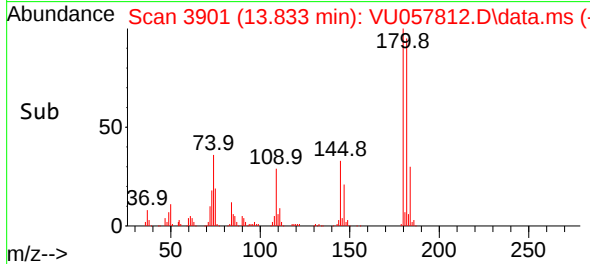
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



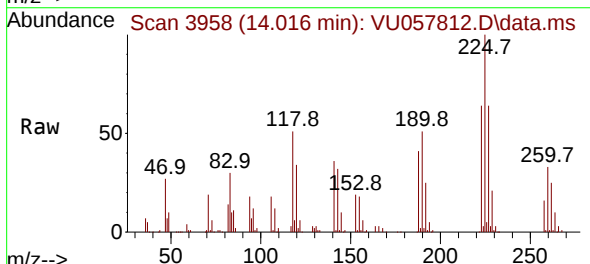
Tgt Ion:180 Resp: 156990
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 32.4 23.9 35.9

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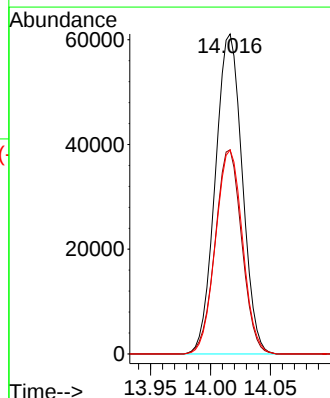
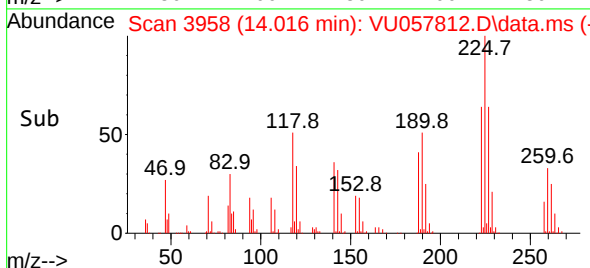
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

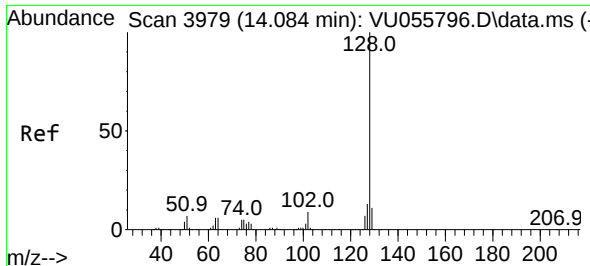


#88
Hexachlorobutadiene
Concen: 10.894 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



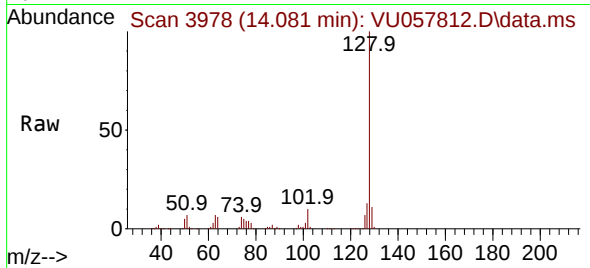
Tgt Ion:225 Resp: 95427
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 63.9 51.5 77.3





#89
Naphthalene
Concen: 9.975 ug/l
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08

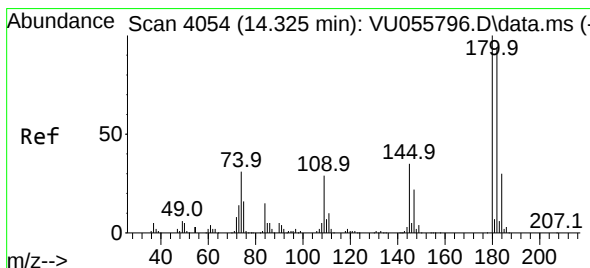
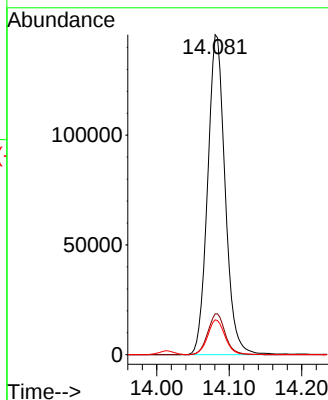
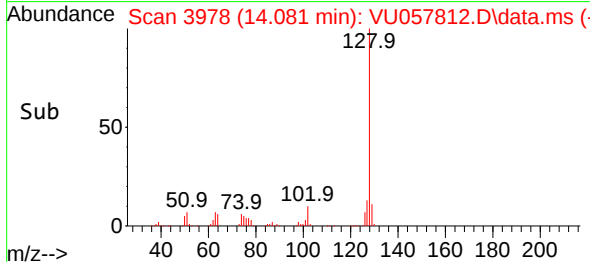
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



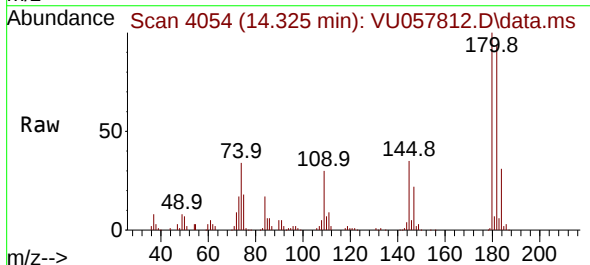
Tgt Ion:128 Resp: 244130
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 10.547 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057812.D
Acq: 06 Feb 2024 09:08



Tgt Ion:180 Resp: 126491
Ion Ratio Lower Upper
180 100
182 95.0 75.7 113.5
145 34.9 26.1 39.1

