

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057786.D
 Acq On : 02 Feb 2024 10:49
 Operator : MD/SY
 Sample : VU0202WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 05:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	42834	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15512	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13273	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26353	1.848	ug/l	97
3) Chloromethane	1.518	50	25560	1.868	ug/l	99
4) Vinyl Chloride	1.602	62	27085	1.941	ug/l	97
5) Bromomethane	1.856	94	16380	1.978	ug/l	98
6) Chloroethane	1.933	64	17007	1.929	ug/l	99
7) Trichlorofluoromethane	2.132	101	39461	1.847	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	20461	1.862	ug/l	97
9) 1,1-Dichloroethene	2.576	96	19713	1.852	ug/l	99
10) Iodomethane	2.718	142	22564	1.787	ug/l	94
11) Allyl Chloride	2.917	41	27592	1.911	ug/l	86
12) Acrylonitrile	3.332	53	6805	3.746	ug/l	# 92
13) Acetone	2.650	43	34286	10.428	ug/l	93
14) Carbon Disulfide	2.788	76	64483	1.892	ug/l	100
15) Methylene Chloride	3.039	84	23616	1.857	ug/l	91
16) trans-1,2-Dichloroethene	3.348	96	21962	1.890	ug/l	98
17) 1,1-Dichloroethane	3.862	63	41607	1.896	ug/l	99
18) 2-Butanone	4.724	43	36307	10.245	ug/l	95
19) Cyclohexane	5.383	56	31930	1.857	ug/l	89
20) Methylcyclohexane	6.759	83	38533	1.854	ug/l	97
21) 2,2-Dichloropropane	4.656	77	36893	1.893	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	23982	1.884	ug/l	95
23) Diethyl Ether	2.374	59	14604	1.901	ug/l	96
24) tert-Butyl Alcohol	3.303	59	17717m	20.286	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	46516	1.862	ug/l	94
26) Bromochloromethane	4.968	128	9226	1.804	ug/l	94
27) Chloroform	5.081	83	44144	1.935	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	38909	1.889	ug/l	100
29) 1,1-Dichloropropene	5.521	75	31964	1.918	ug/l	98
30) Carbon Tetrachloride	5.518	117	32614	1.838	ug/l	97
31) Isopropyl Ether	3.984	45	60017	1.869	ug/l	99
32) Ethyl-t-butyl ether	4.492	59	55429	1.859	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	45332	1.806	ug/l	97
34) Propionitrile	4.811	54	6996m	9.525	ug/l	
35) Benzene	5.769	78	90148	1.879	ug/l	99
36) 1,2-Dichloroethane	5.788	62	26475	1.894	ug/l	95
37) Trichloroethene	6.541	130	23924	1.878	ug/l	99
38) 1,2-Dichloropropane	6.785	63	23486	1.888	ug/l	99
39) Methacrylonitrile	4.981	41	5063	1.729	ug/l	95
40) Methyl acrylate	4.862	55	10083	2.247	ug/l	# 91
41) Tetrahydrofuran	5.071	42	5815	3.720	ug/l	96
42) 1-Chlorobutane	5.454	56	42997	1.957	ug/l	96
43) Dibromomethane	6.917	93	11249	1.966	ug/l	92
44) Bromodichloromethane	7.100	83	30104	1.879	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	57390	9.412	ug/l	97
46) t-1,4-Dichloro-2-butene	10.833	75	6867m	4.744	ug/l	
47) Methyl methacrylate	6.962	69	18755	3.711	ug/l	92
48) Ethyl methacrylate	8.332	69	18119	1.789	ug/l	94
49) Toluene	7.965	92	55477	1.893	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	25483	1.843	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	33141	1.892	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	14418	1.829	ug/l	96
53) 1,3-Dichloropropane	8.573	76	26655	1.881	ug/l	98
54) 2-Hexanone	8.685	43	54206	9.657	ug/l	96
55) Dibromochloromethane	8.804	129	17237	1.766	ug/l	98
56) 1,2-Dibromoethane	8.920	107	14260	1.965	ug/l	97
58) Tetrachloroethene	8.550	164	22073	1.963	ug/l	99
59) Chlorobenzene	9.444	112	59597	1.839	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	19996	1.818	ug/l	96
61) Pentachloroethane	11.421	117	13982	1.748	ug/l	90
62) Hexachloroethane	12.470	117	14675	1.823	ug/l	99
63) Ethyl Benzene	9.566	91	105013	1.822	ug/l	99
64) m/p-Xylenes	9.692	106	76884	3.673	ug/l	98
65) o-Xylene	10.097	106	37950	1.832	ug/l	96
66) Styrene	10.113	104	53751	1.738	ug/l	94
67) Bromoform	10.286	173	8585	1.709	ug/l	96
69) Isopropylbenzene	10.479	105	96694	1.780	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	18048	1.827	ug/l	94
71) 1,2,3-Trichloropropane	10.820	75	12217m	1.498	ug/l	
72) Bromobenzene	10.782	156	21638	1.810	ug/l	96
73) n-propylbenzene	10.904	120	23552	1.726	ug/l	99
74) 2-Chlorotoluene	10.984	126	23526	1.858	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	83562	1.791	ug/l	100
76) 4-Chlorotoluene	11.093	126	22500	1.768	ug/l	92
77) tert-Butylbenzene	11.415	119	76168	1.740	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	83239	1.759	ug/l	100
79) sec-Butylbenzene	11.640	105	98134	1.754	ug/l	97
80) Nitrobenzene	13.222	77	1966m	10.420	ug/l	
81) p-Isopropyltoluene	11.788	119	85378	1.810	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	42929	1.776	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	40738	1.727	ug/l	95
84) n-Butylbenzene	12.206	91	82152	1.821	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	39043	1.781	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2443	1.831	ug/l	89
87) 1,2,4-Trichlorobenzene	13.839	180	22318	1.704	ug/l	97
88) Hexachlorobutadiene	14.016	225	15329	1.824	ug/l	96
89) Naphthalene	14.087	128	32844	1.624	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	18667	1.713	ug/l	100

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

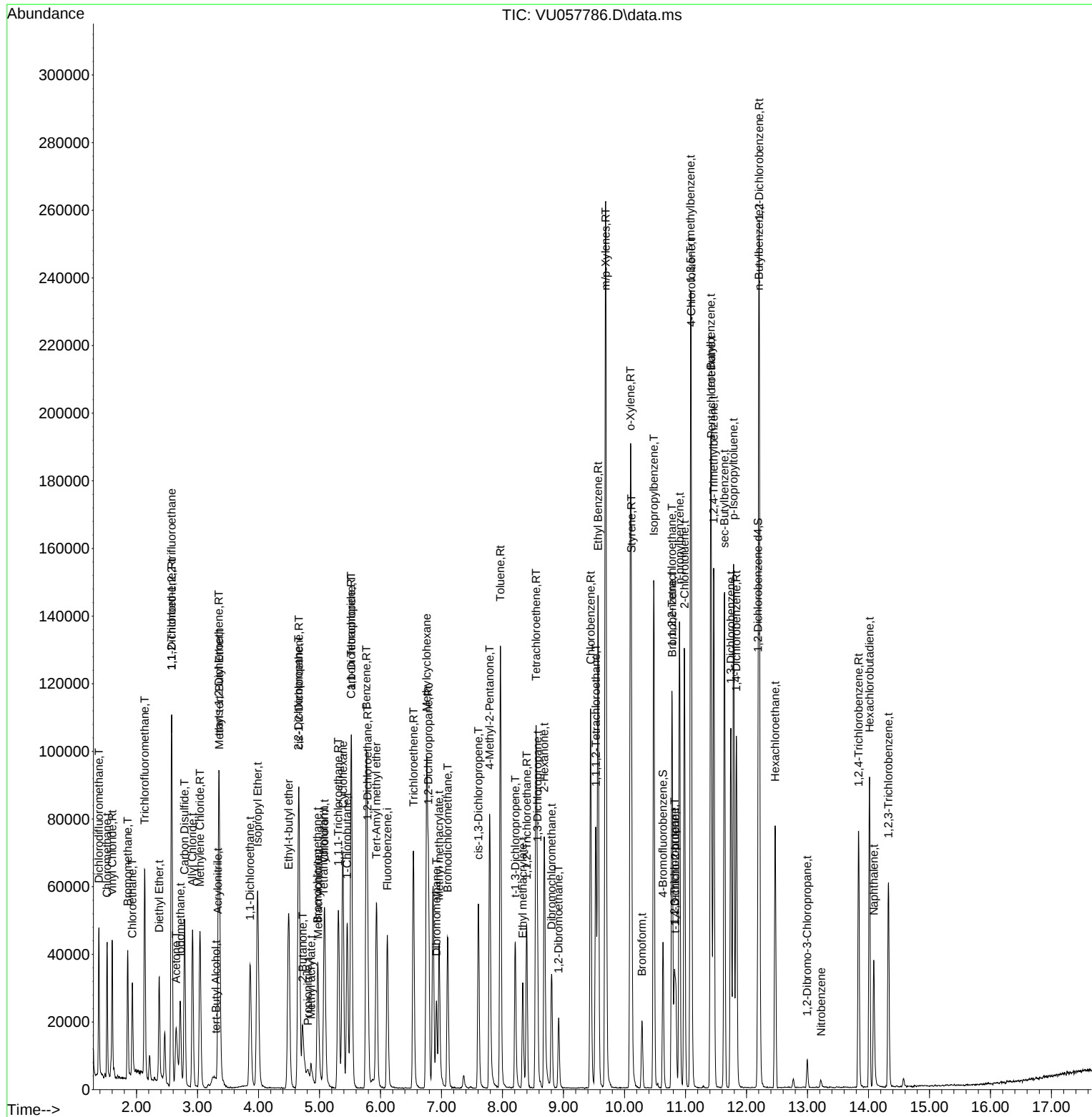
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
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ALS Vial : 5 Sample Multiplier: 1

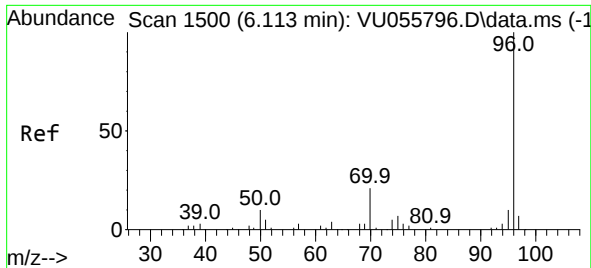
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

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

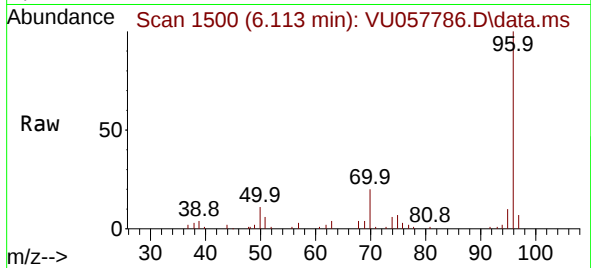
Quant Time: Feb 03 05:52:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

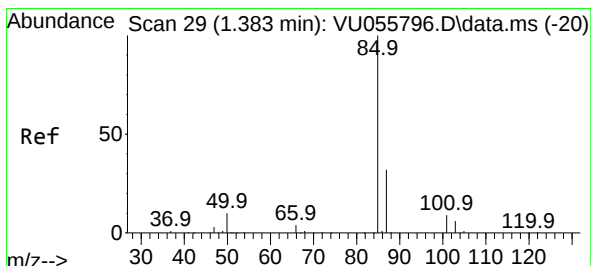
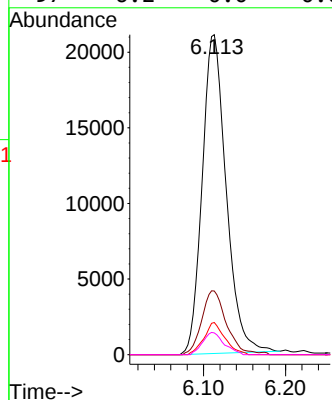
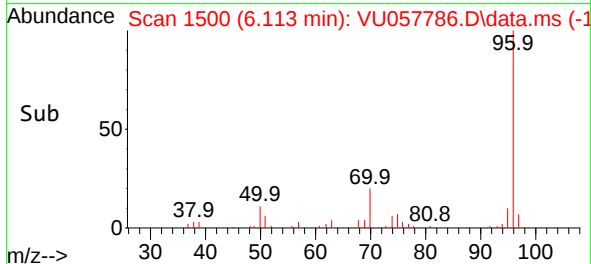
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 96 Resp: 42834
Ion Ratio Lower Upper
96 100
70 19.6 16.5 24.7
95 8.9 7.4 11.0
97 6.2 0.0 0.0#

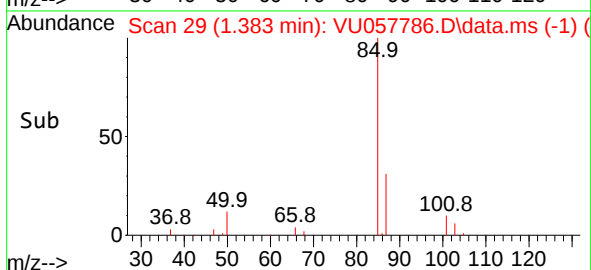
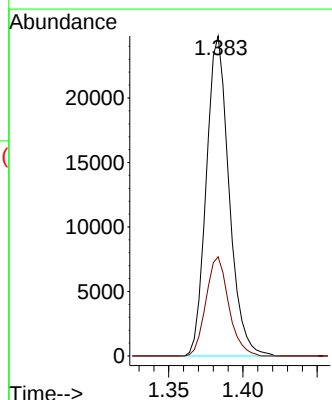
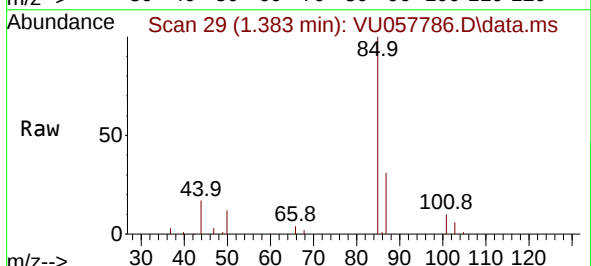
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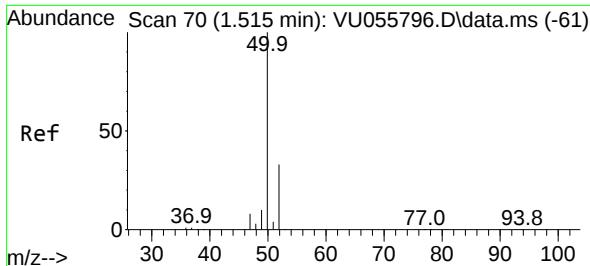
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 1.848 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

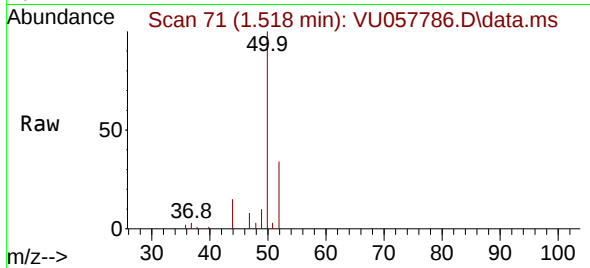
Tgt Ion: 85 Resp: 26353
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.6





#3
Chloromethane
Concen: 1.868 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

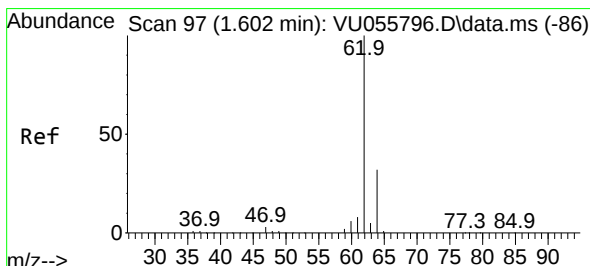
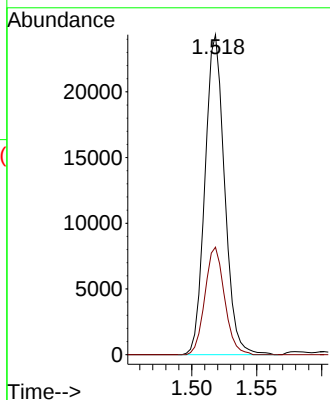
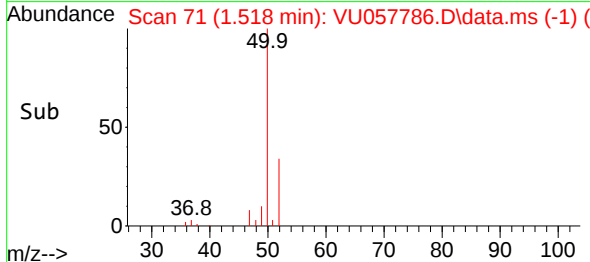
Instrument :
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ClientSampleId :
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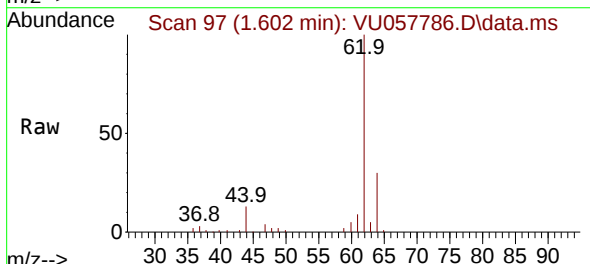
Tgt Ion: 50 Resp: 2556
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

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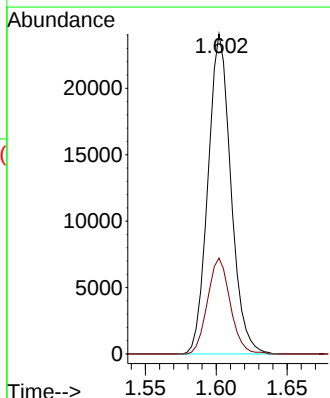
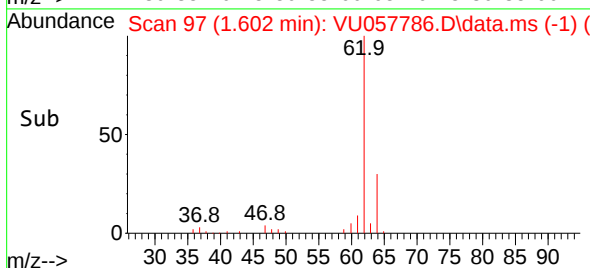
Reviewed By :John Carlone 02/14/2024
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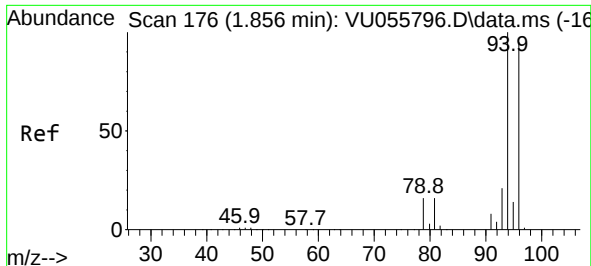


#4
Vinyl Chloride
Concen: 1.941 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



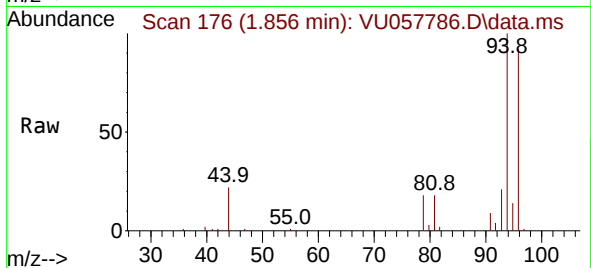
Tgt Ion: 62 Resp: 27085
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.2





#5
Bromomethane
Concen: 1.978 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

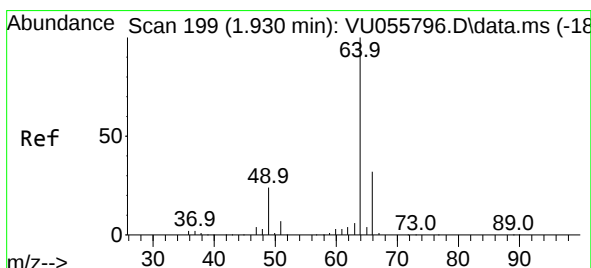
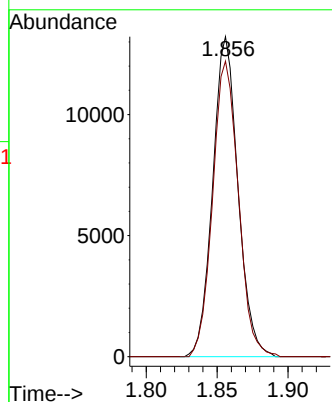
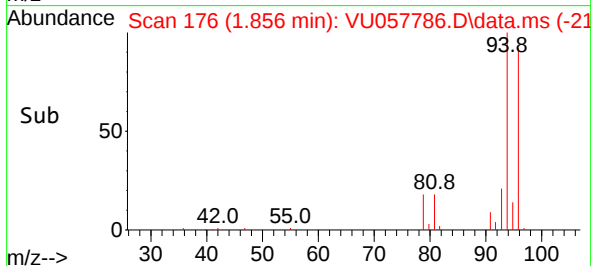
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 94 Resp: 16380
Ion Ratio Lower Upper
94 100
96 92.3 75.4 113.2

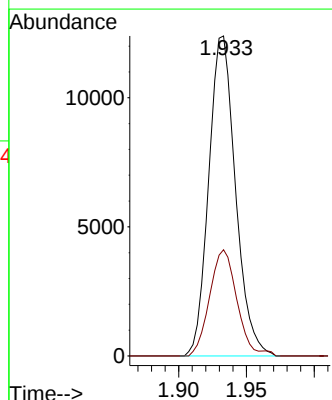
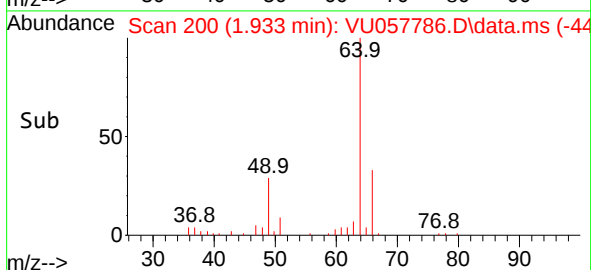
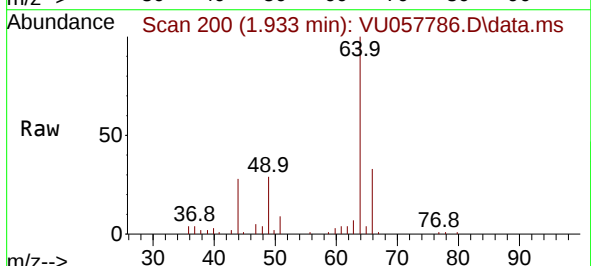
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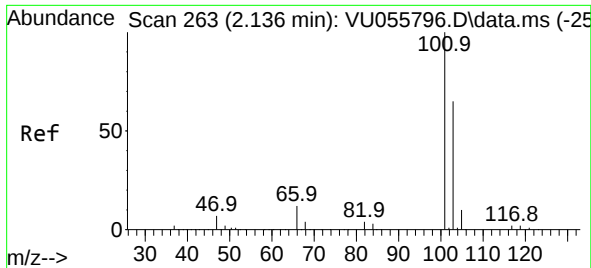
Reviewed By :John Carlone 02/14/2024
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#6
Chloroethane
Concen: 1.929 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion: 64 Resp: 17007
Ion Ratio Lower Upper
64 100
66 33.2 26.0 39.0





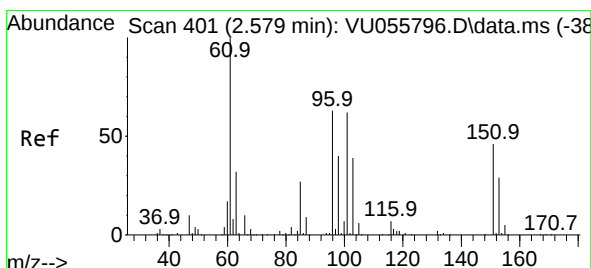
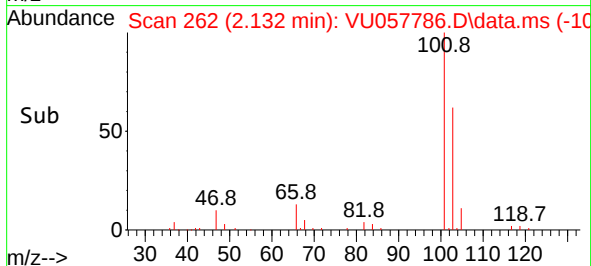
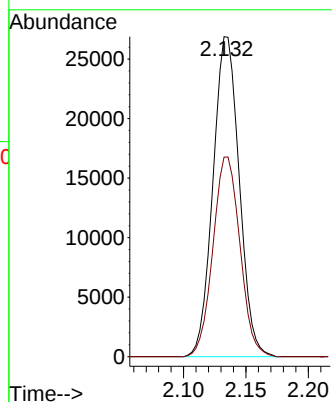
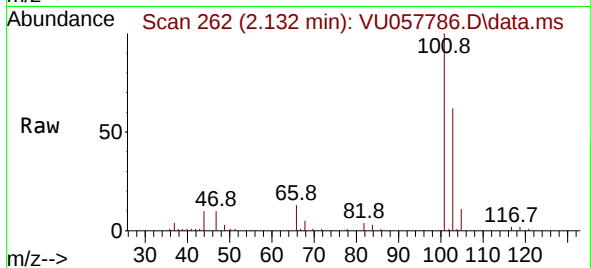
#7
Trichlorofluoromethane
Concen: 1.847 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:101 Resp: 3946
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.0

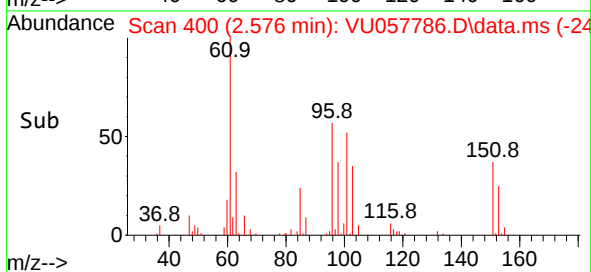
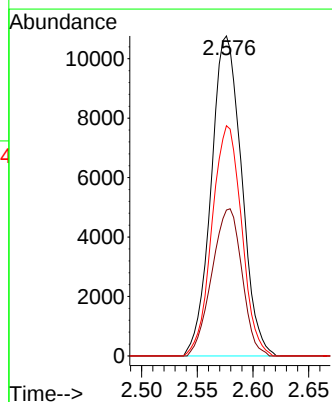
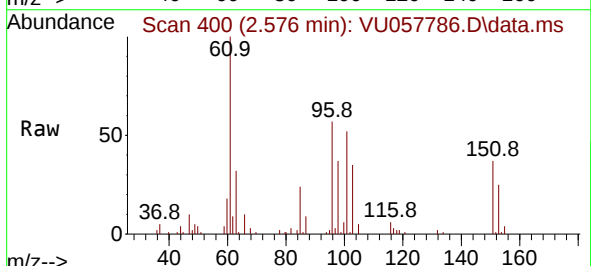
Manual Integrations
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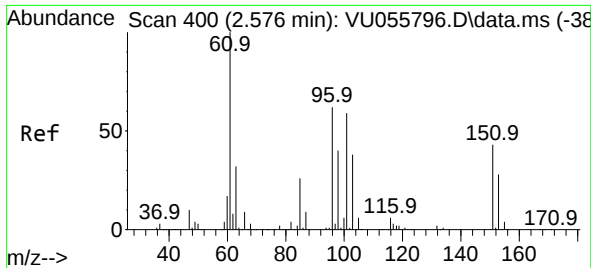
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.862 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

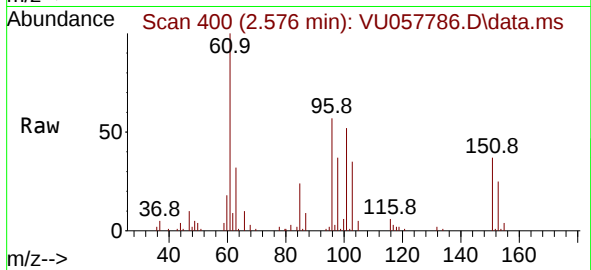
Tgt Ion:101 Resp: 20461
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.0
151 70.1 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.852 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057786.D
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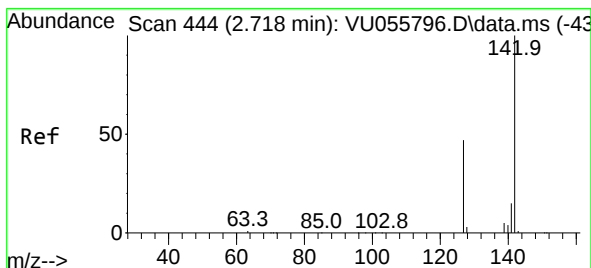
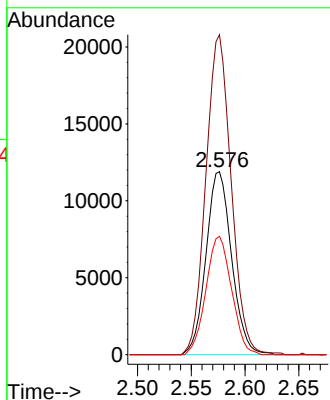
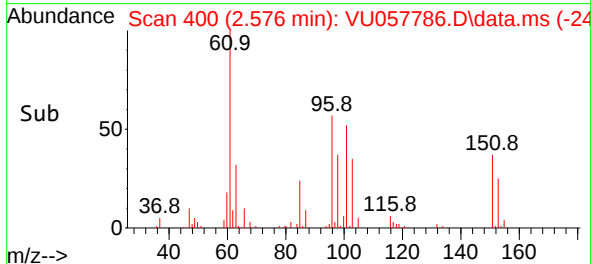
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



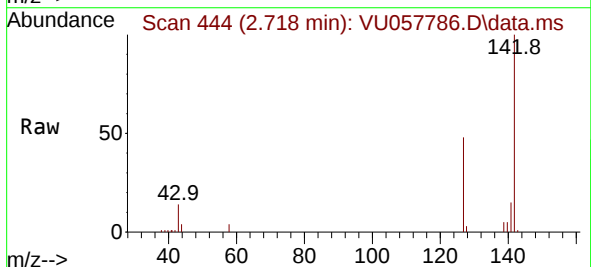
Tgt Ion: 96 Resp: 1971
Ion Ratio Lower Upper
96 100
61 174.8 0.0 521.4
98 64.7 0.0 125.8

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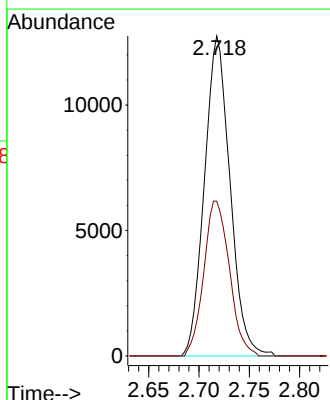
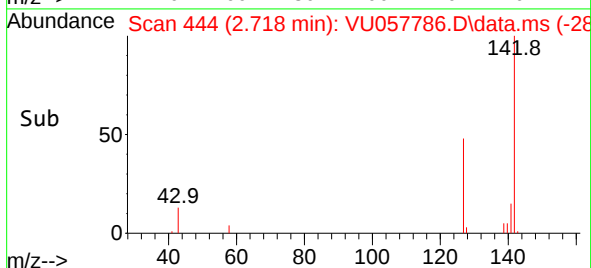
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

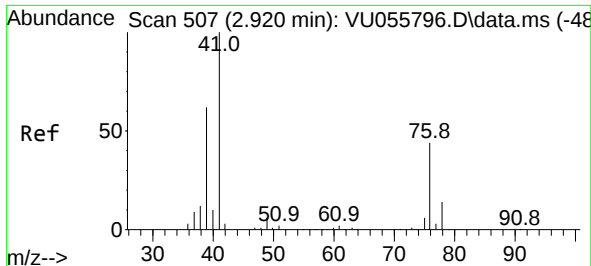


#10
Iodomethane
Concen: 1.787 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



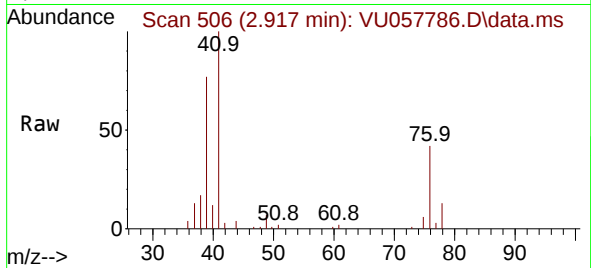
Tgt Ion:142 Resp: 22564
Ion Ratio Lower Upper
142 100
127 48.5 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.911 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

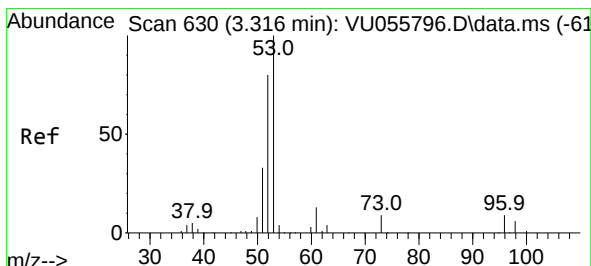
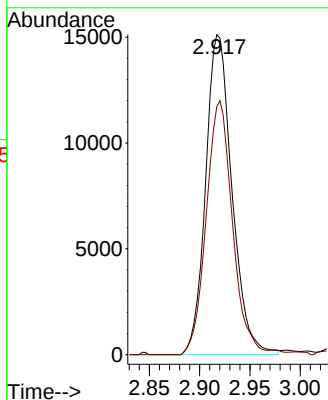
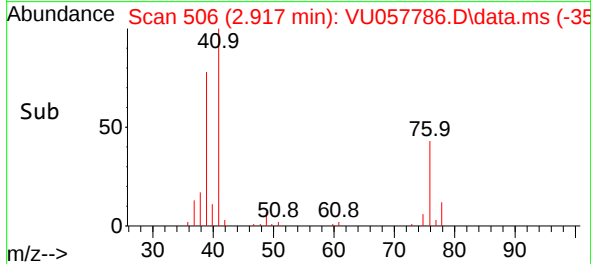
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBS01



Tgt Ion: 41 Resp: 27592
 Ion Ratio Lower Upper
 41 100
 39 78.6 54.2 81.2

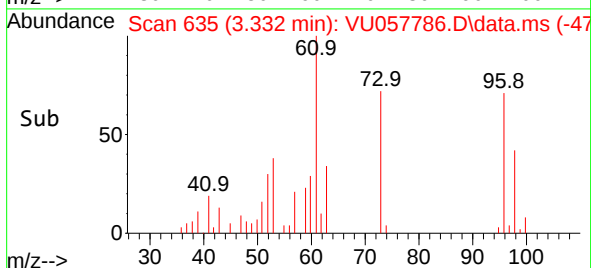
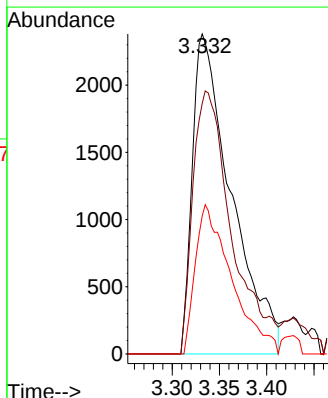
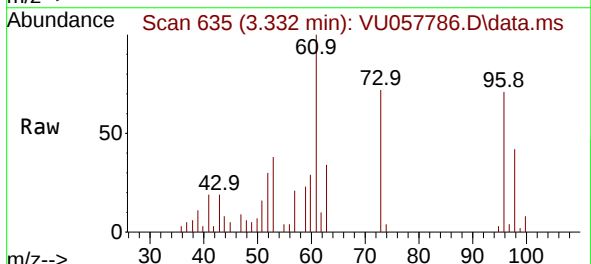
Manual Integrations
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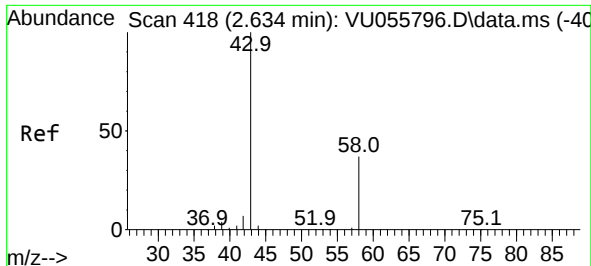
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#12
 Acrylonitrile
 Concen: 3.746 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.016 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

Tgt Ion: 53 Resp: 6805
 Ion Ratio Lower Upper
 53 100
 52 82.4 62.9 94.3
 51 43.5 27.8 41.6#





#13

Acetone

Concen: 10.428 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

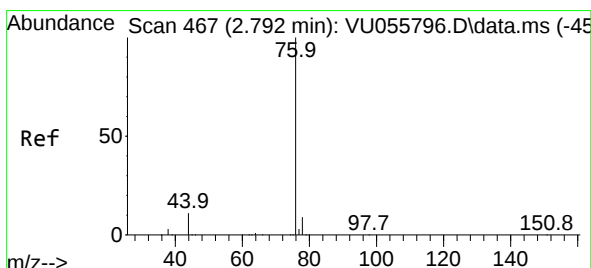
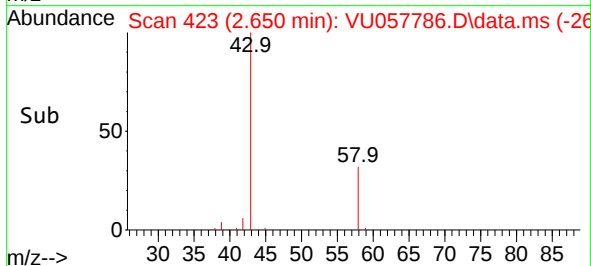
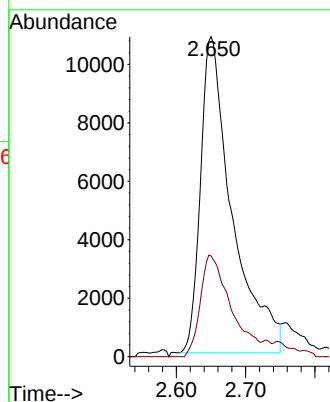
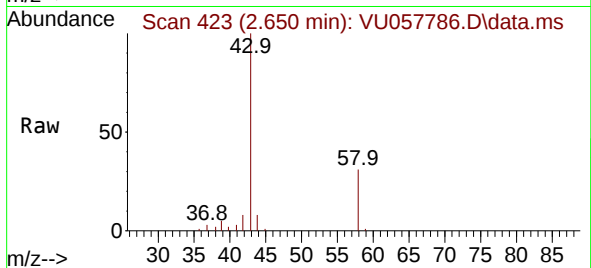
Tgt Ion: 43 Resp: 34280
 Ion Ratio Lower Upper
 43 100
 58 31.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 1.892 ug/l

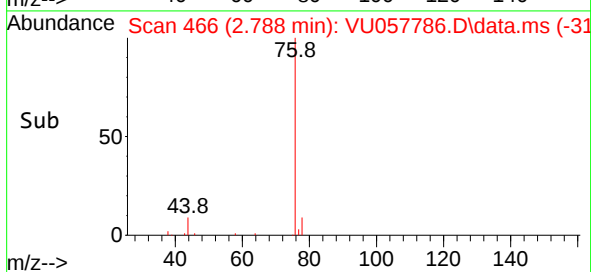
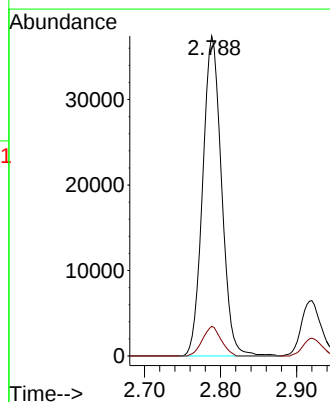
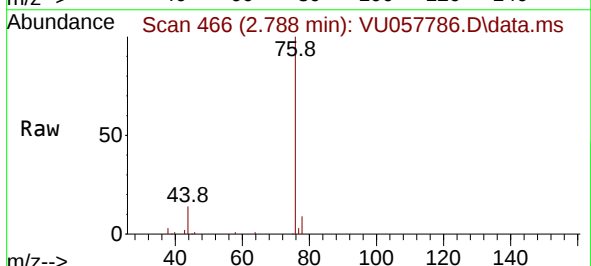
RT: 2.788 min Scan# 466

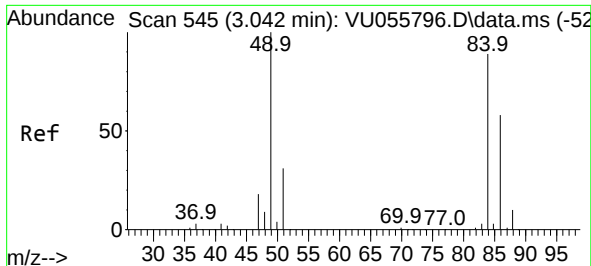
Delta R.T. -0.004 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

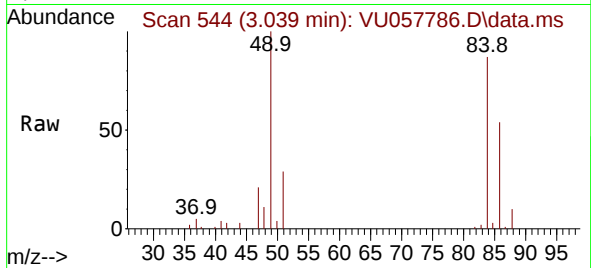
Tgt Ion: 76 Resp: 64483
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 1.857 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

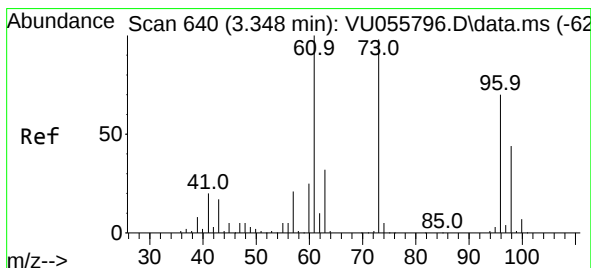
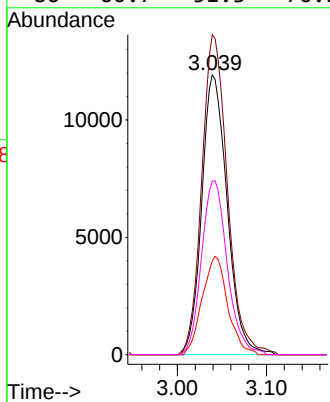
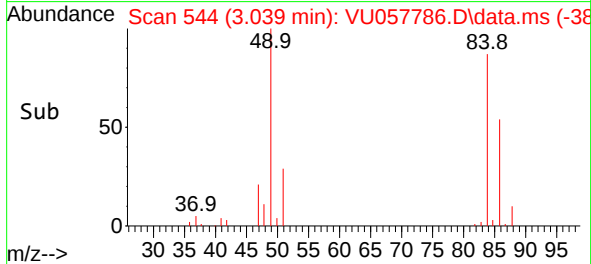
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 84 Resp: 23610
Ion Ratio Lower Upper
84 100
49 109.9 98.9 148.3
51 32.3 0.0 75.4
86 60.7 51.3 76.9

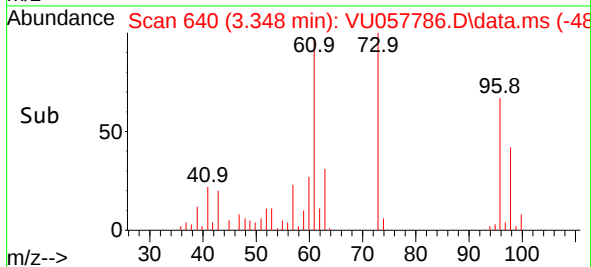
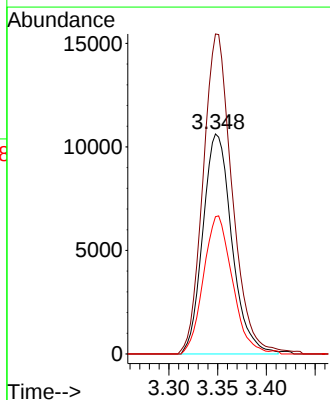
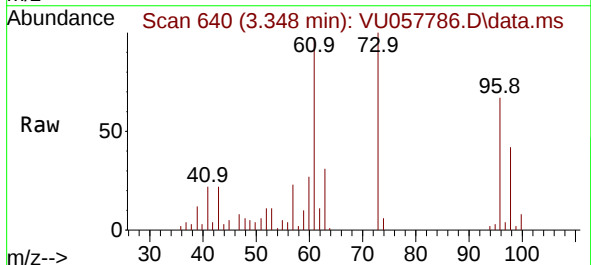
Manual Integrations
APPROVED

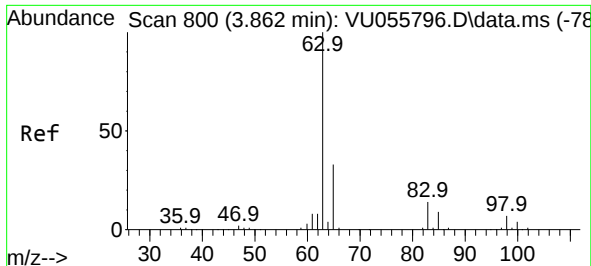
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 1.890 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion: 96 Resp: 21962
Ion Ratio Lower Upper
96 100
61 145.5 117.5 176.3
98 62.4 48.3 72.5





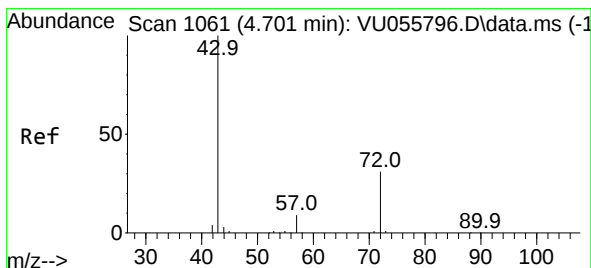
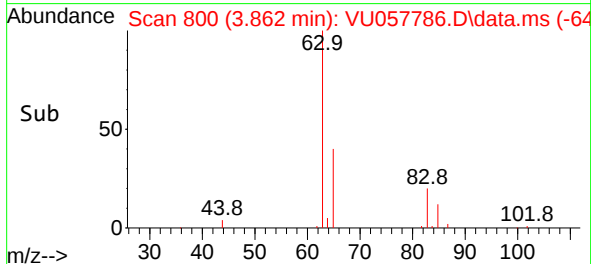
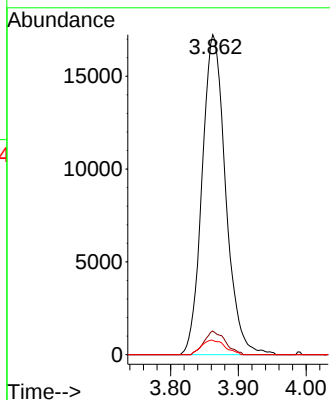
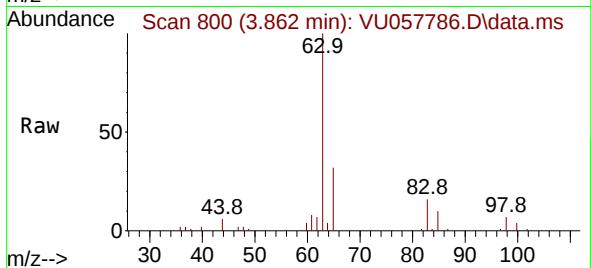
#17
1,1-Dichloroethane
Concen: 1.896 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion: 63 Resp: 4160
Ion Ratio Lower Upper
63 100
98 7.4 3.4 10.1
100 4.5 2.2 6.6

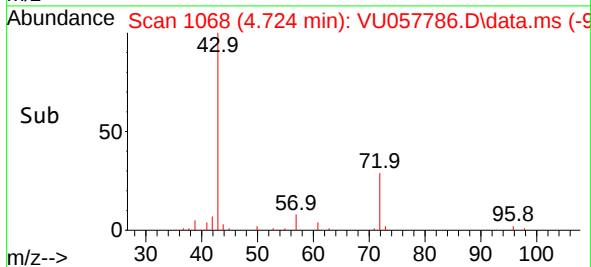
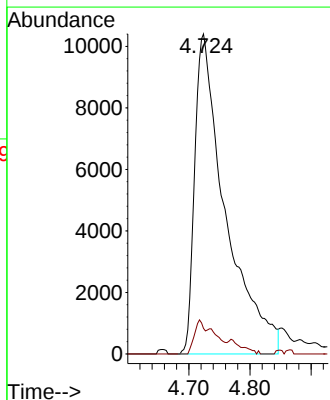
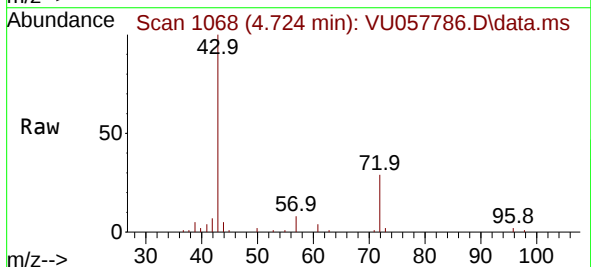
Manual Integrations
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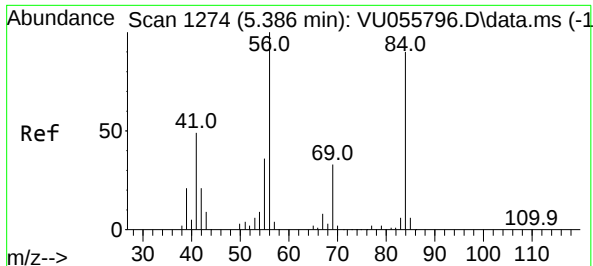
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 10.245 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.023 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion: 43 Resp: 36307
Ion Ratio Lower Upper
43 100
57 8.0 0.0 19.6





#19

Cyclohexane

Concen: 1.857 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 56 Resp: 31930

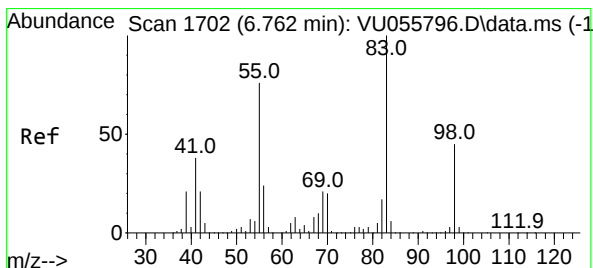
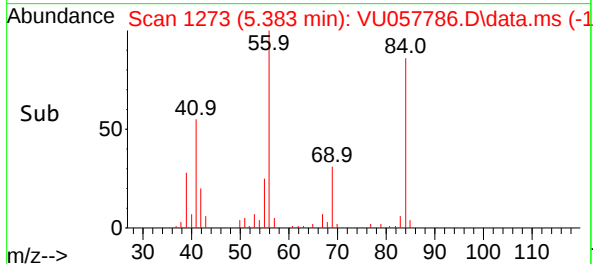
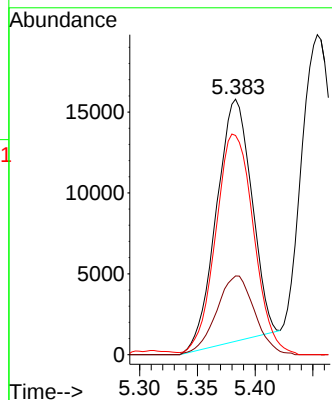
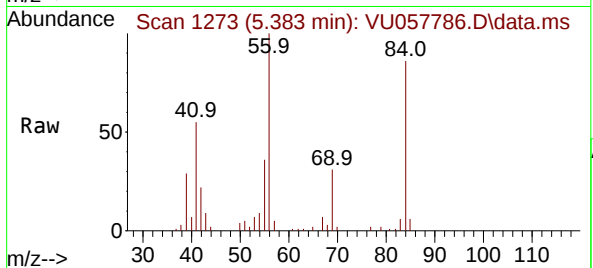
Ion	Ratio	Lower	Upper
56	100		
69	35.1	24.6	37.0
84	97.0	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 1.854 ug/l

RT: 6.759 min Scan# 1701

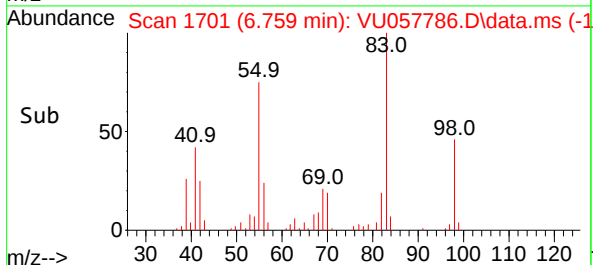
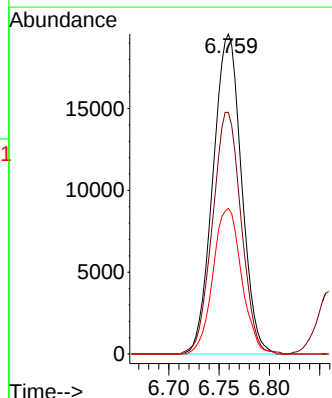
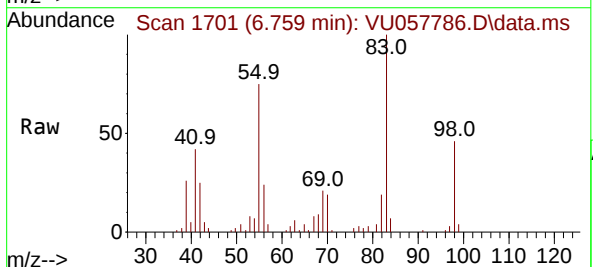
Delta R.T. -0.003 min

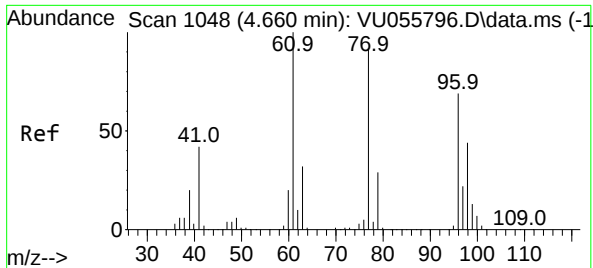
Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion: 83 Resp: 38533

Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.5	95.3
98	45.7	36.0	54.0





#21

2,2-Dichloropropane

Concen: 1.893 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 77 Resp: 3689

Ion Ratio Lower Upper

77 100

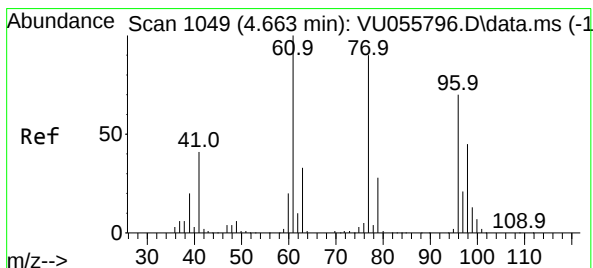
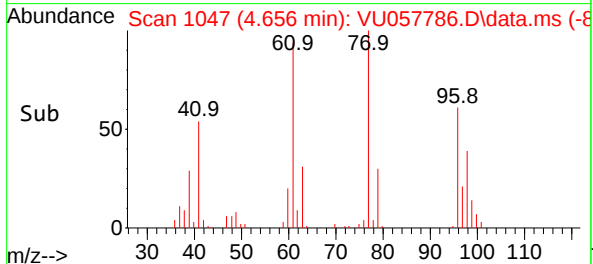
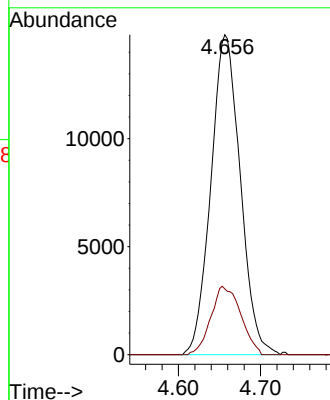
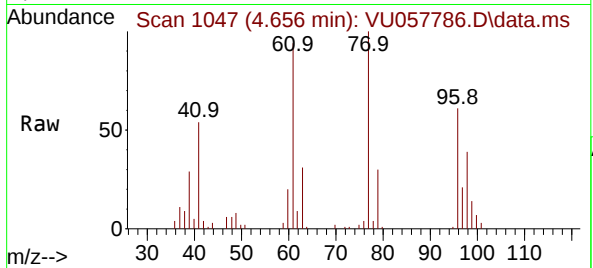
97 21.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 1.884 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

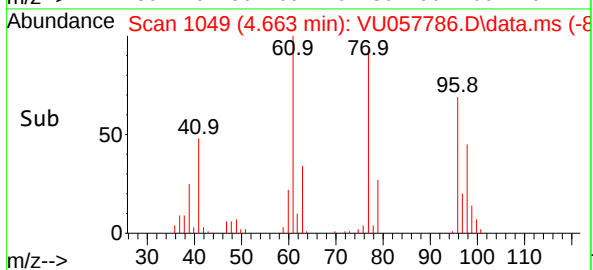
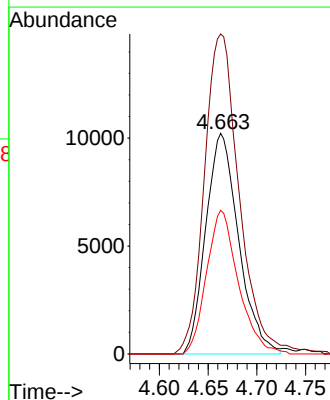
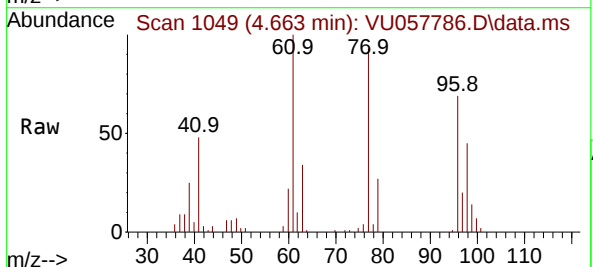
Tgt Ion: 96 Resp: 23982

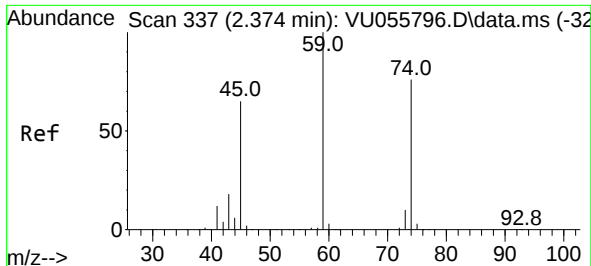
Ion Ratio Lower Upper

96 100

61 154.2 0.0 365.8

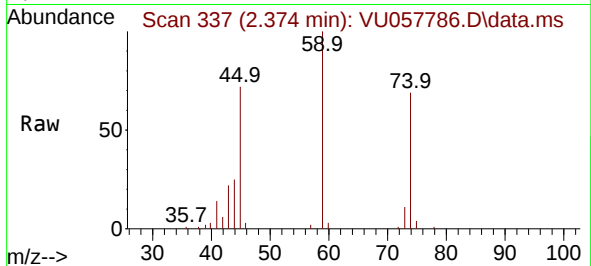
98 63.0 32.0 96.0





#23
Diethyl Ether
Concen: 1.901 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

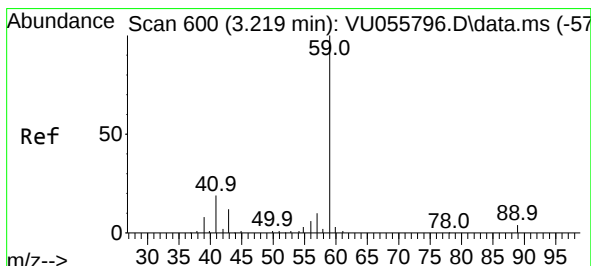
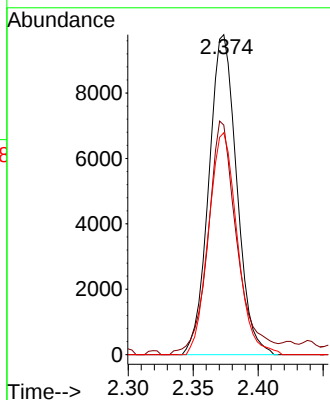
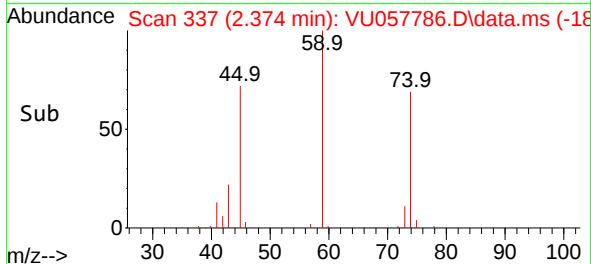
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 59 Resp: 14604
Ion Ratio Lower Upper
59 100
45 75.6 56.1 84.1
74 71.3 57.4 86.2

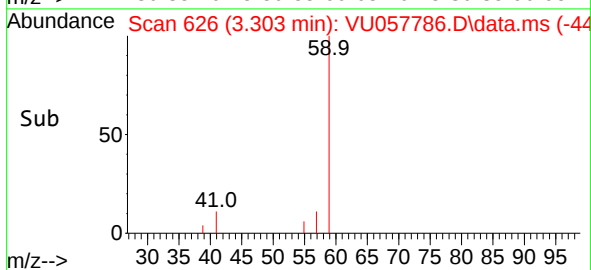
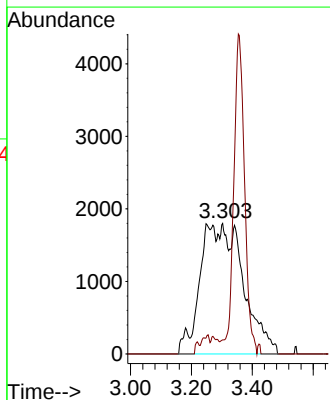
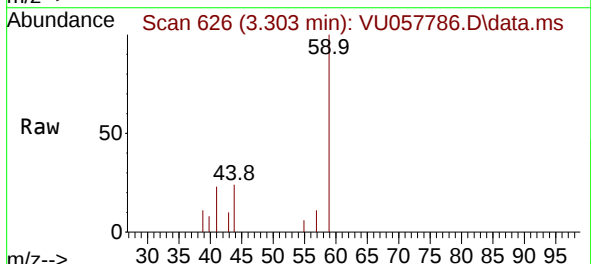
Manual Integrations
APPROVED

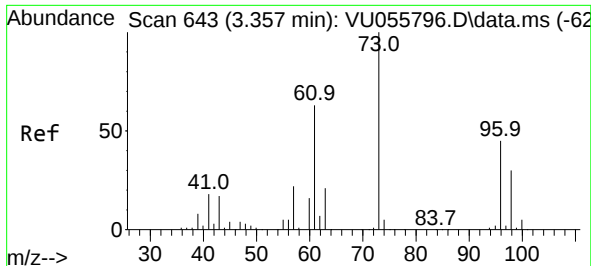
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 20.286 ug/l m
RT: 3.303 min Scan# 626
Delta R.T. 0.084 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

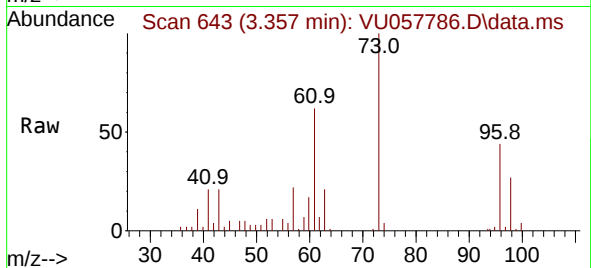
Tgt Ion: 59 Resp: 17717
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.862 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

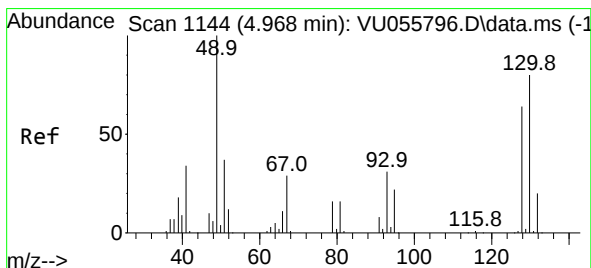
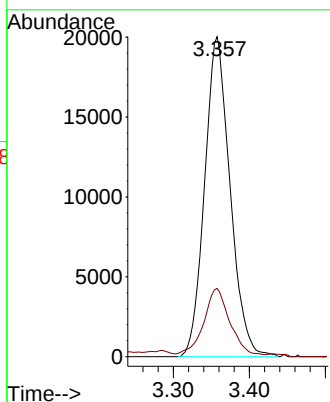
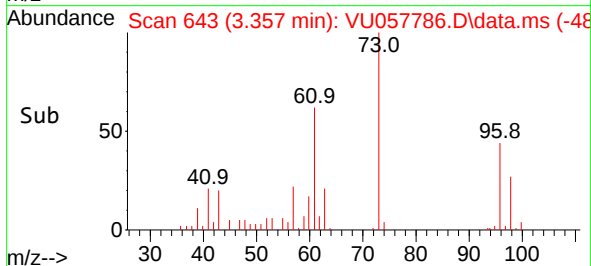
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



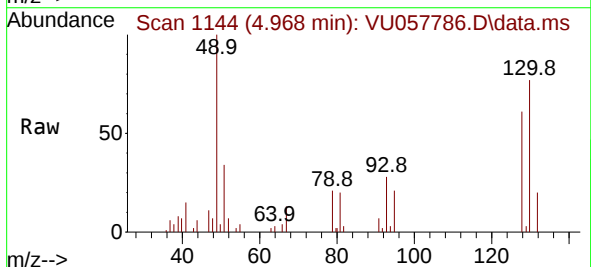
Tgt Ion: 73 Resp: 46510
Ion Ratio Lower Upper
73 100
43 21.4 15.0 22.6

Manual Integrations
APPROVED

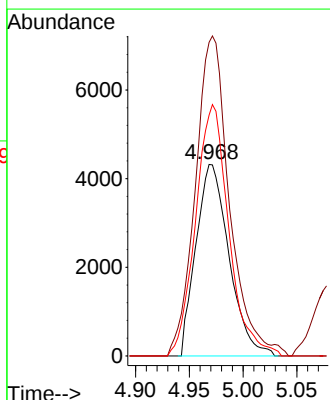
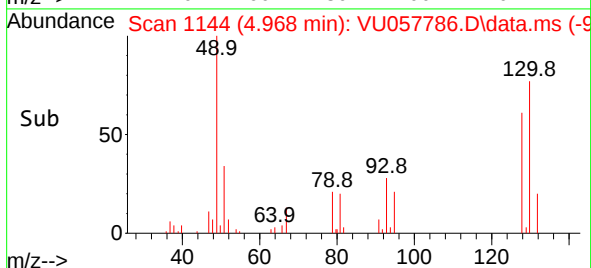
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

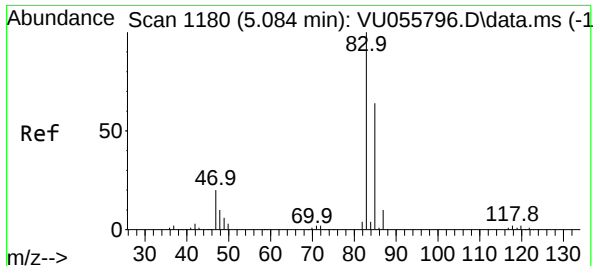


#26
Bromochloromethane
Concen: 1.804 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



Tgt Ion:128 Resp: 9226
Ion Ratio Lower Upper
128 100
49 172.8 0.0 324.6
130 132.1 103.0 154.4





#27

Chloroform

Concen: 1.935 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 83 Resp: 4414

Ion Ratio Lower Upper

83 100

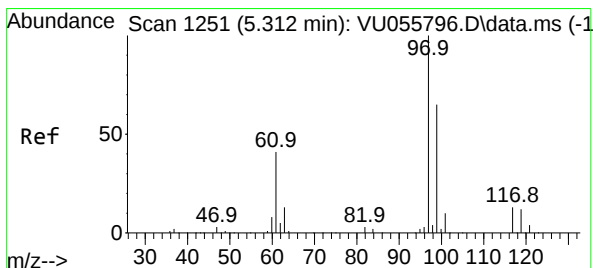
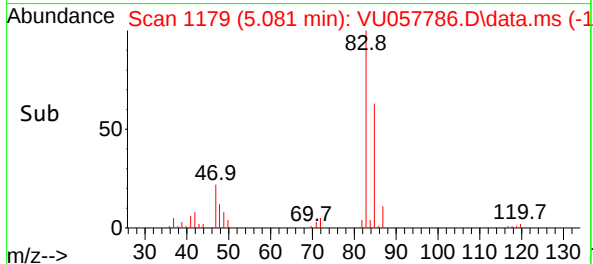
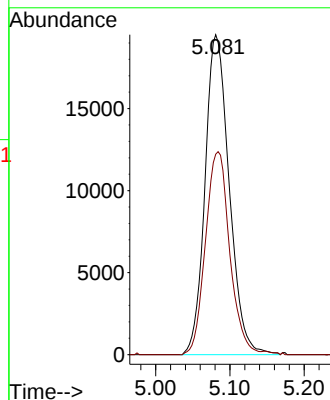
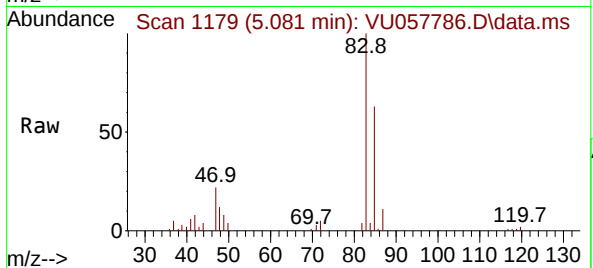
85 64.0 0.0 126.4

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 1.889 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

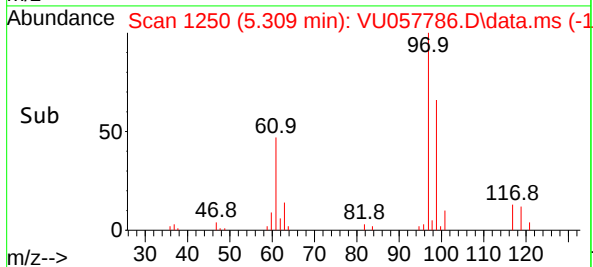
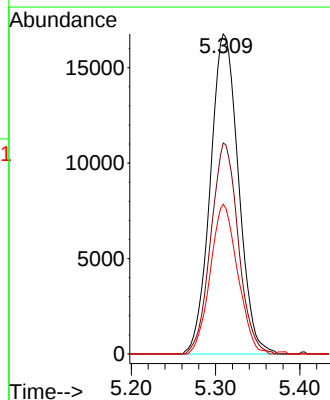
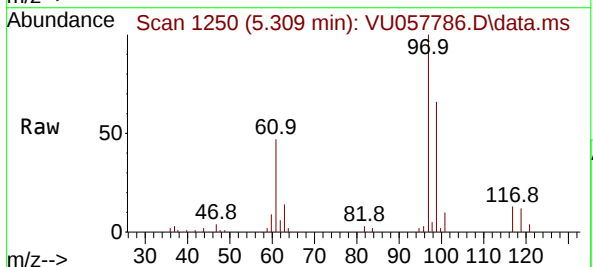
Tgt Ion: 97 Resp: 38909

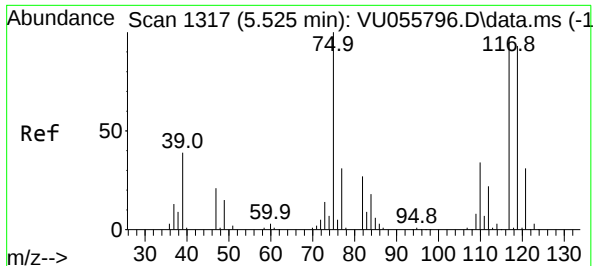
Ion Ratio Lower Upper

97 100

99 64.1 32.0 96.2

61 45.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 1.918 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 75 Resp: 31964

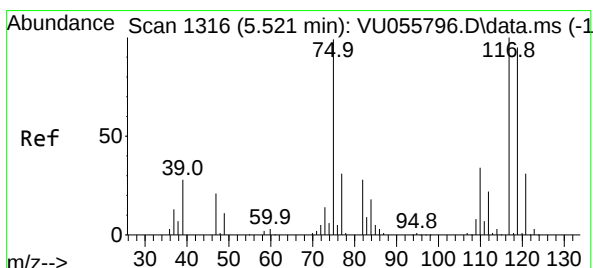
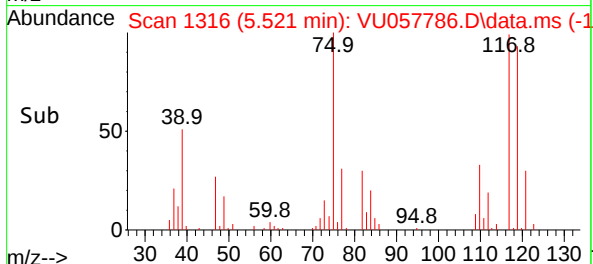
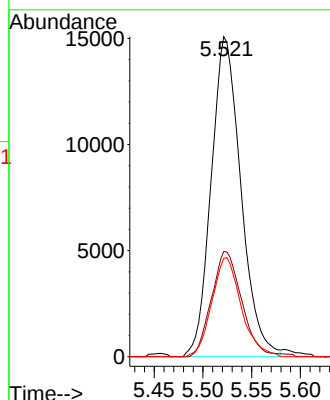
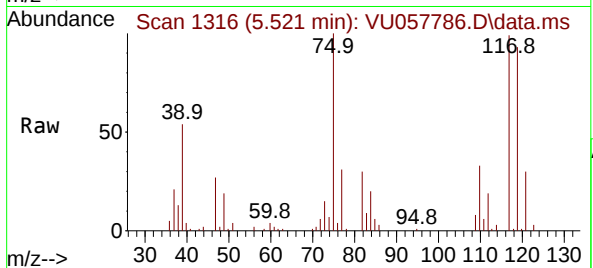
Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.0	54.0
77	30.5	24.7	37.1

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 1.838 ug/l

RT: 5.518 min Scan# 1315

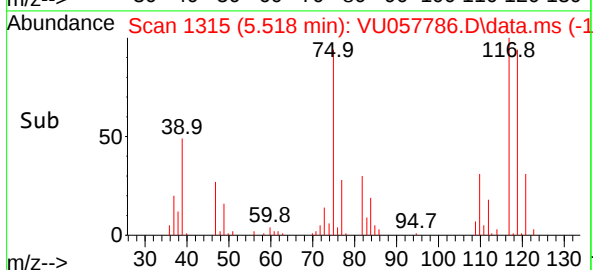
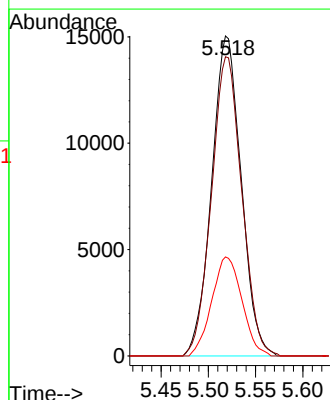
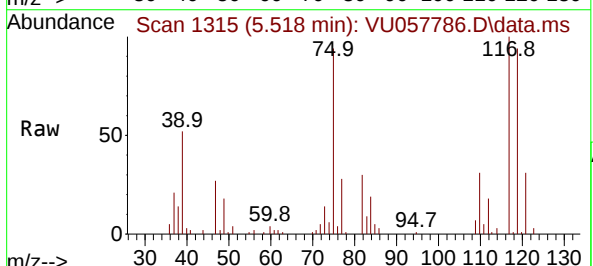
Delta R.T. -0.003 min

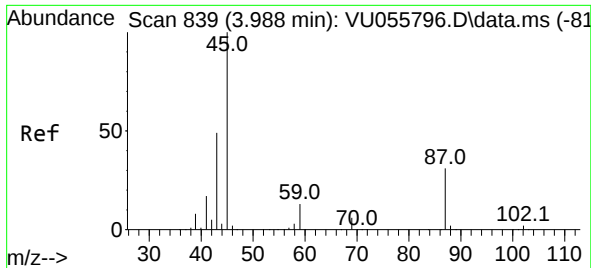
Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion:117 Resp: 32614

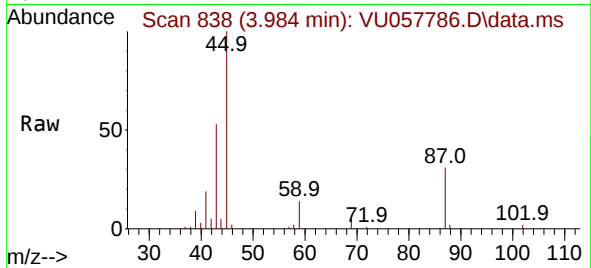
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.0
121	30.9	24.0	36.0





#31
Isopropyl Ether
Concen: 1.869 ug/l
RT: 3.984 min Scan# 839
Delta R.T. -0.004 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

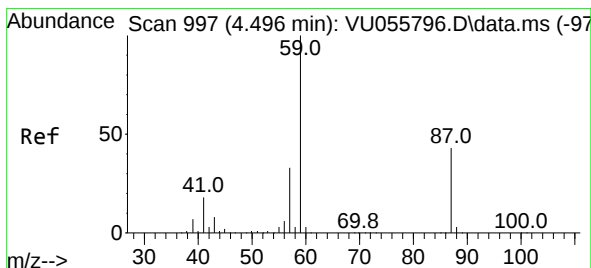
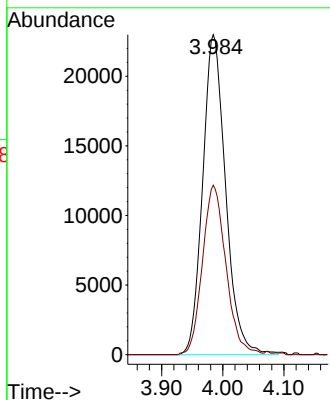
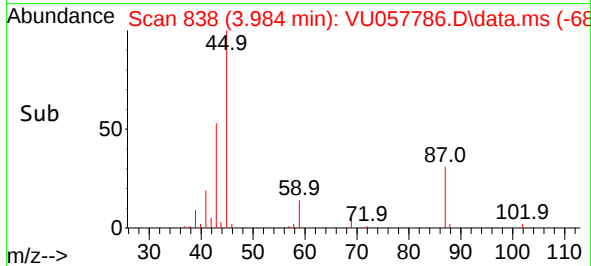
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



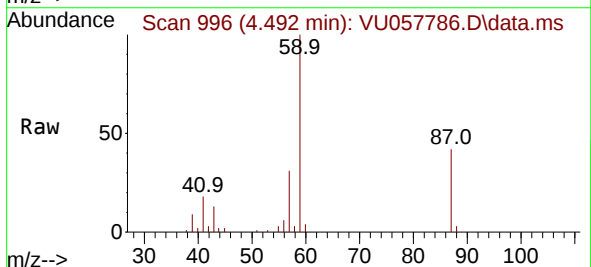
Tgt Ion: 45 Resp: 6001
Ion Ratio Lower Upper
45 100
43 54.2 27.5 82.5

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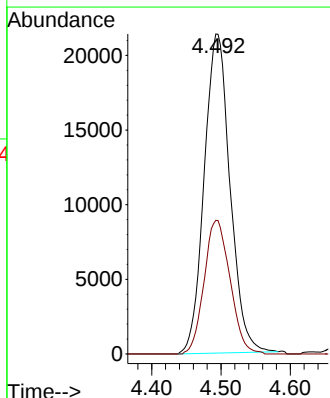
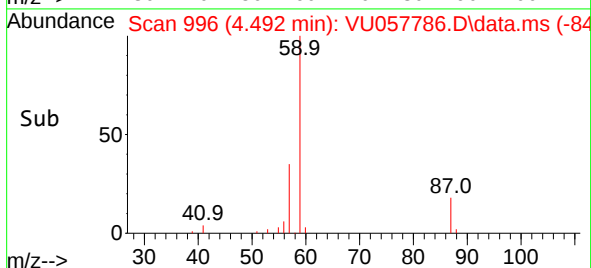
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

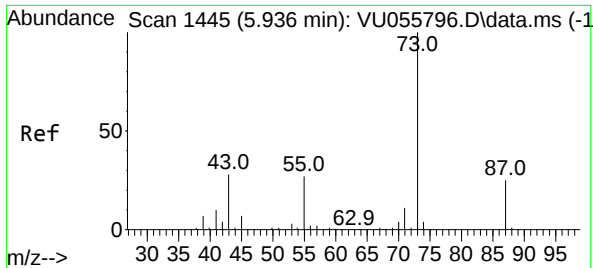


#32
Ethyl-t-butyl ether
Concen: 1.859 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



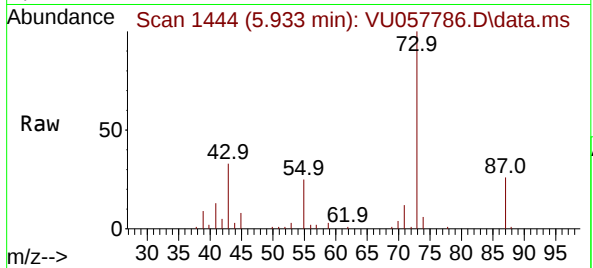
Tgt Ion: 59 Resp: 55429
Ion Ratio Lower Upper
59 100
87 42.0 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.806 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

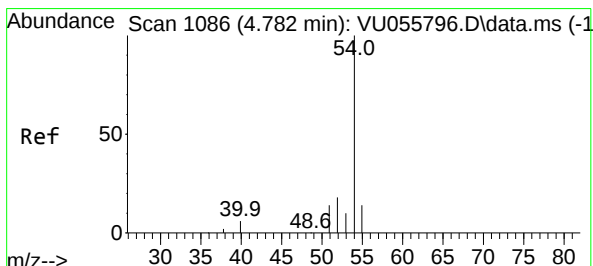
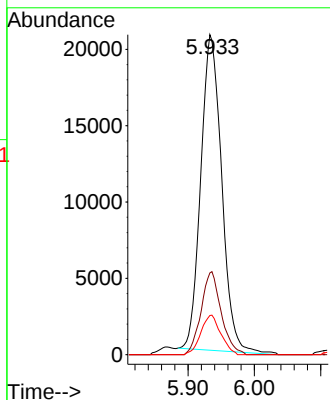
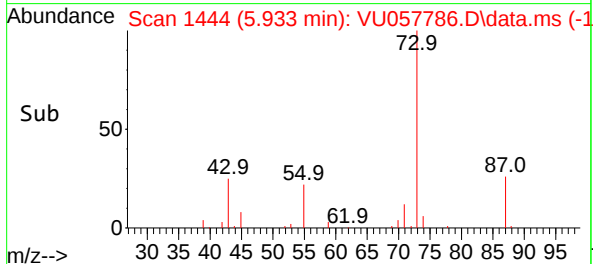
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



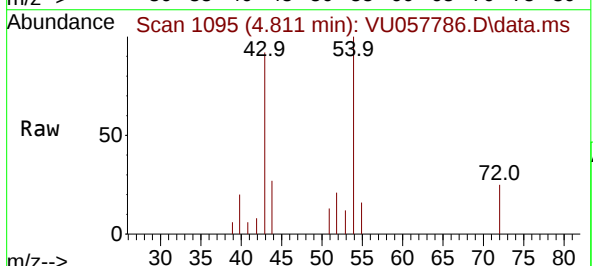
Tgt Ion: 73 Resp: 4533
Ion Ratio Lower Upper
73 100
87 25.2 18.6 28.0
71 11.9 9.9 14.9

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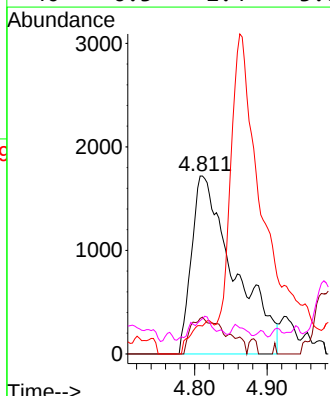
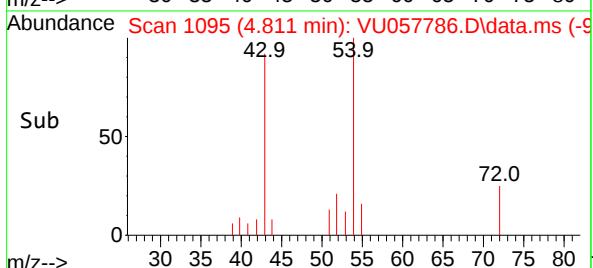
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

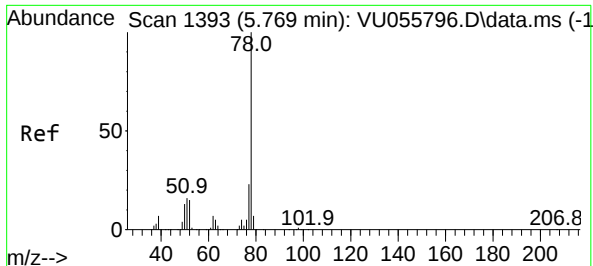


#34
Propionitrile
Concen: 9.525 ug/l m
RT: 4.811 min Scan# 1095
Delta R.T. 0.029 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



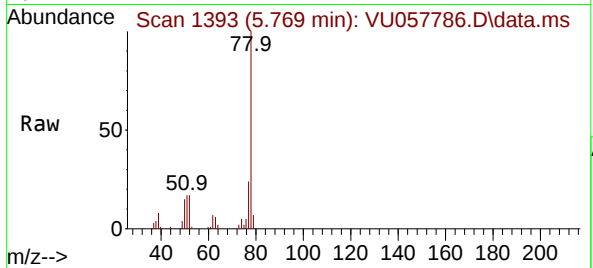
Tgt Ion: 54 Resp: 6996
Ion Ratio Lower Upper
54 100
52 13.6 17.4 26.0#
55 9.4 104.1 156.1#
40 6.3 2.4 3.6#





#35
Benzene
Concen: 1.879 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

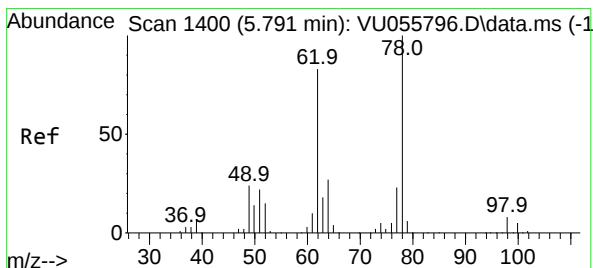
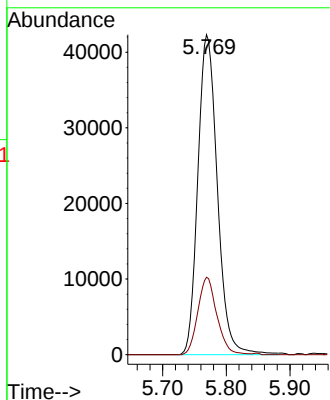
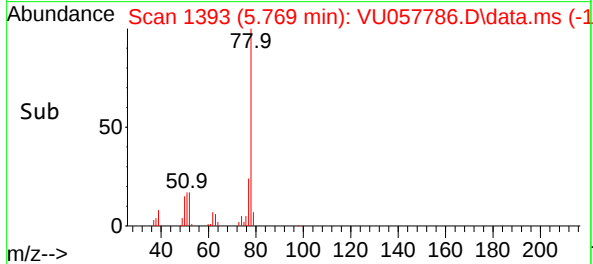
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



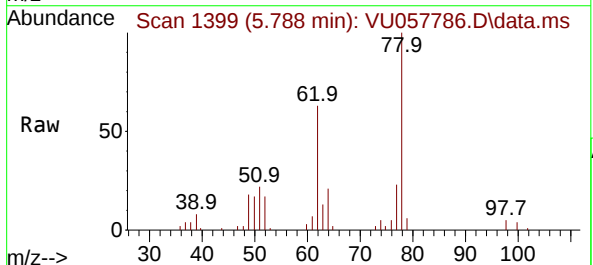
Tgt Ion: 78 Resp: 90148
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

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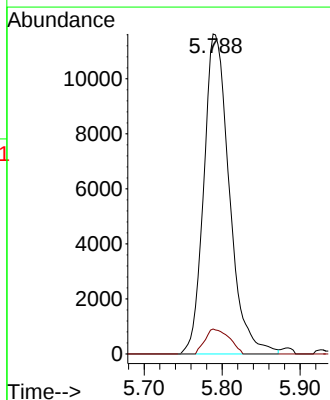
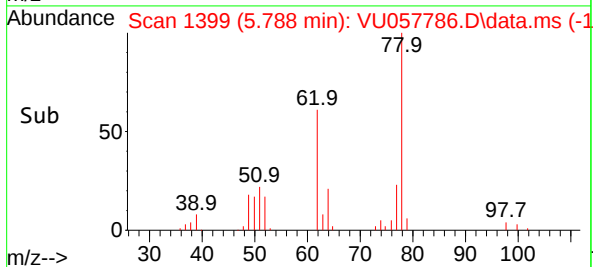
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

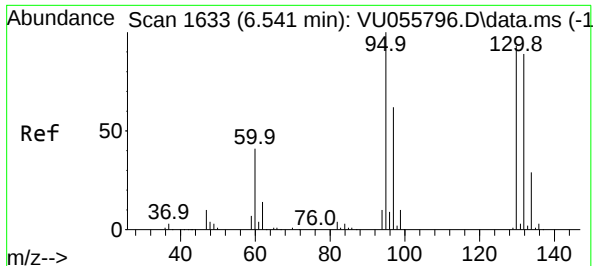


#36
1,2-Dichloroethane
Concen: 1.894 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



Tgt Ion: 62 Resp: 26475
Ion Ratio Lower Upper
62 100
98 7.4 7.3 10.9





#37

Trichloroethene

Concen: 1.878 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion:130 Resp: 23924

Ion Ratio Lower Upper

130 100

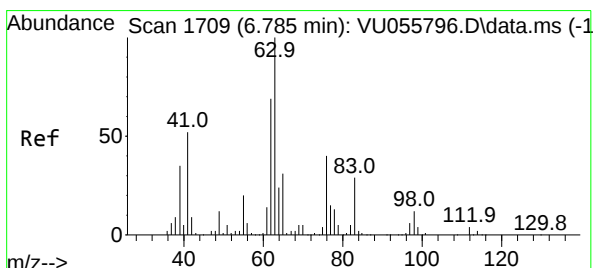
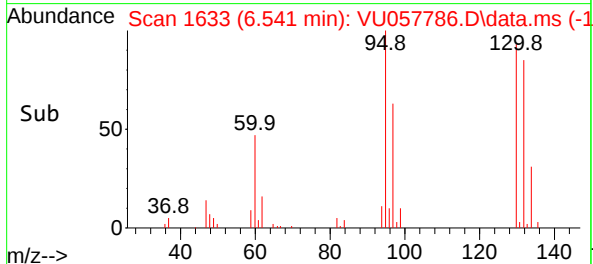
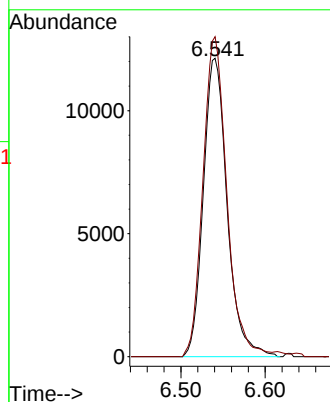
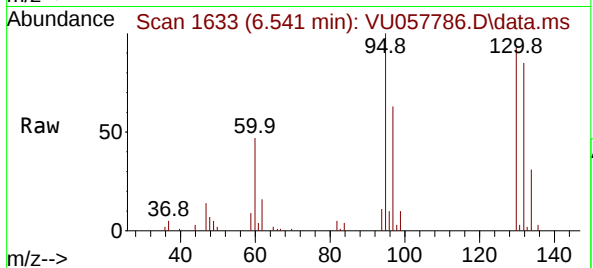
95 107.3 85.0 127.6

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 1.888 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU057786.D

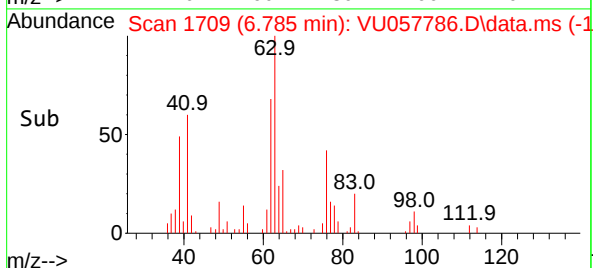
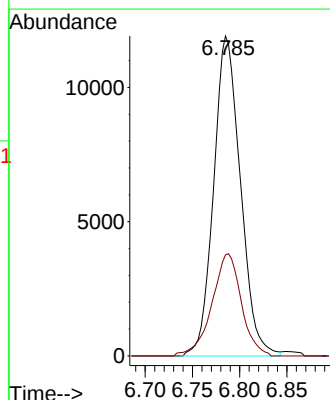
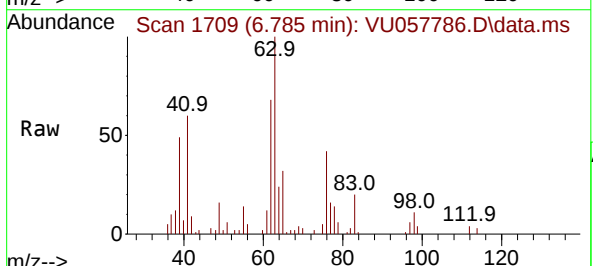
Acq: 02 Feb 2024 10:49

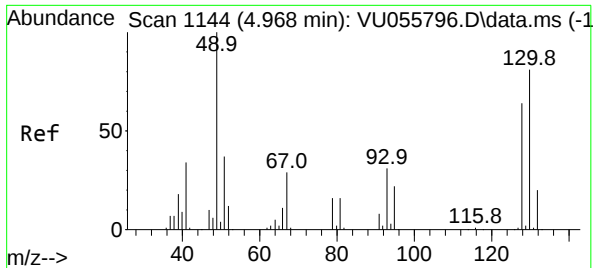
Tgt Ion: 63 Resp: 23486

Ion Ratio Lower Upper

63 100

65 31.6 24.9 37.3





#39

Methacrylonitrile

Concen: 1.729 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.013 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 41 Resp: 506

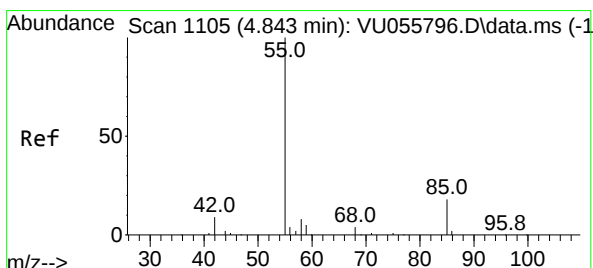
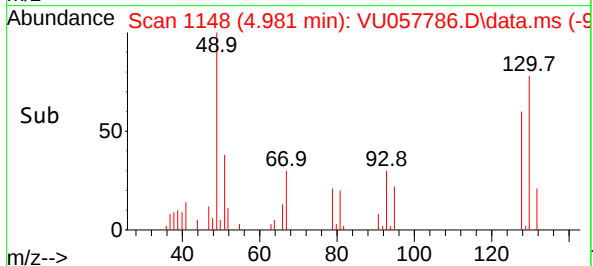
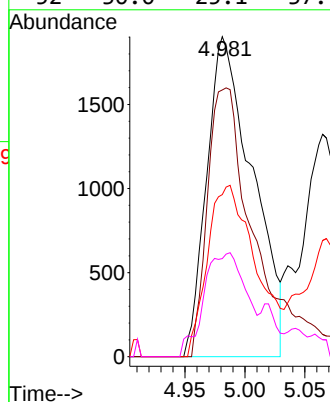
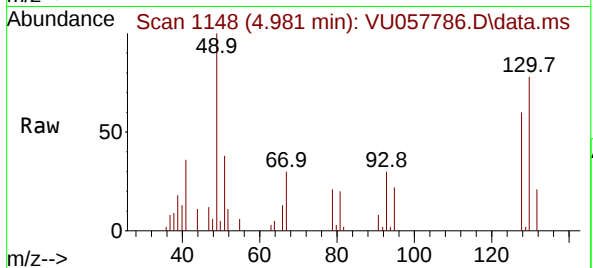
Ion	Ratio	Lower	Upper
41	100		
67	87.7	66.8	100.2
39	56.9	41.2	61.8
52	30.0	25.1	37.7

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 2.247 ug/l

RT: 4.862 min Scan# 1111

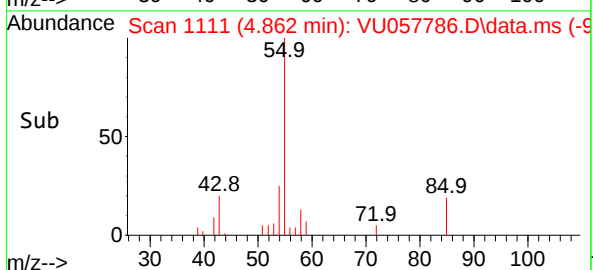
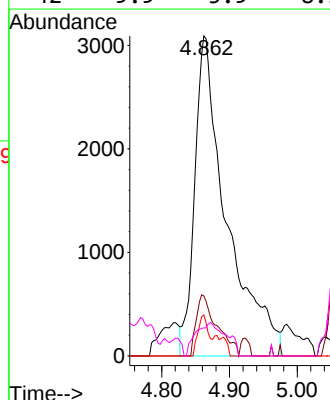
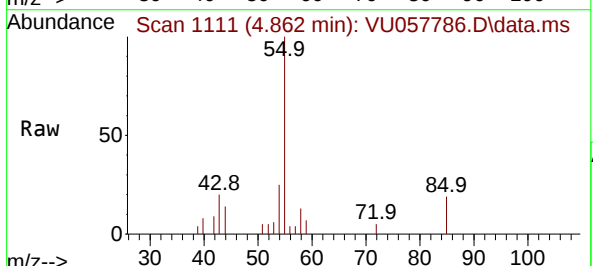
Delta R.T. 0.019 min

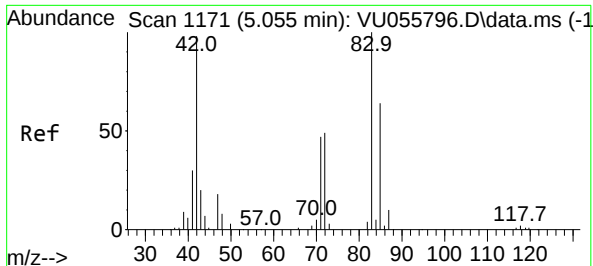
Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion: 55 Resp: 10083

Ion	Ratio	Lower	Upper
55	100		
85	12.3	13.3	19.9#
58	4.4	6.5	9.7#
42	9.9	5.9	8.9#





#41

Tetrahydrofuran

Concen: 3.720 ug/l

RT: 5.071 min Scan# 1171

Delta R.T. 0.016 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

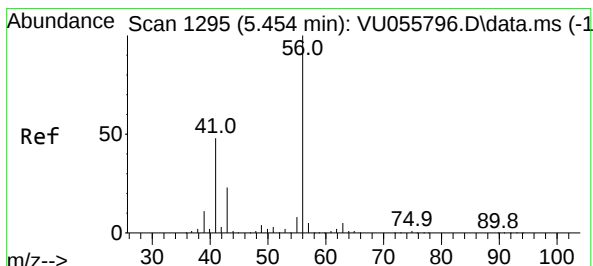
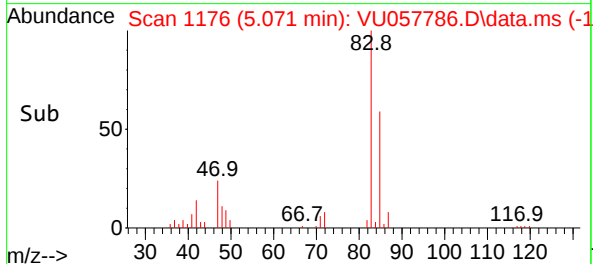
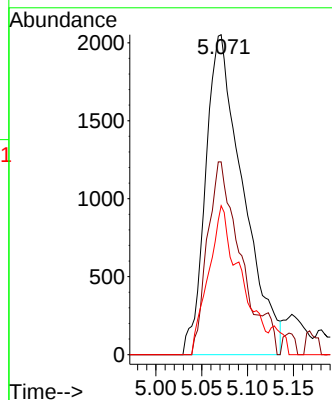
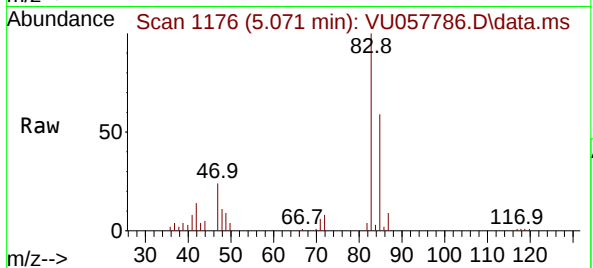
Tgt Ion:	42	Resp:	581
Ion Ratio	Lower	Upper	
42	100		
72	51.0	40.9	61.3
71	40.4	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 1.957 ug/l

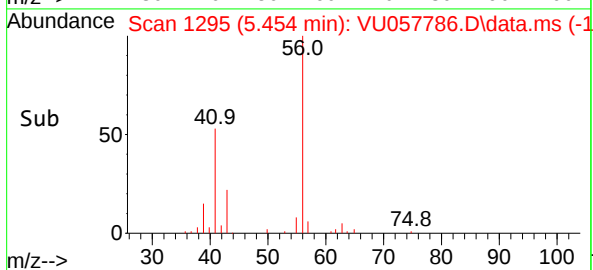
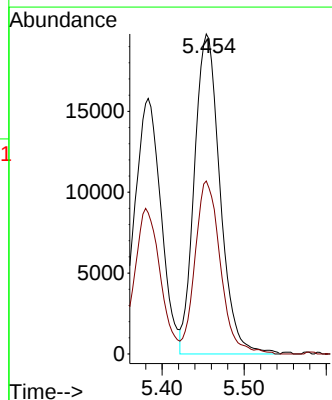
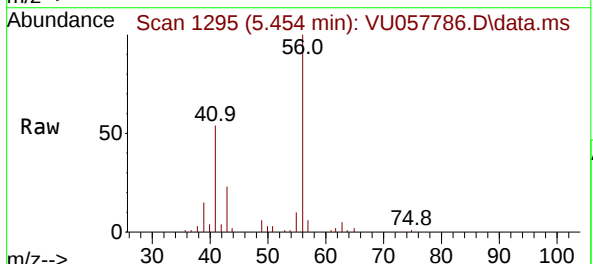
RT: 5.454 min Scan# 1295

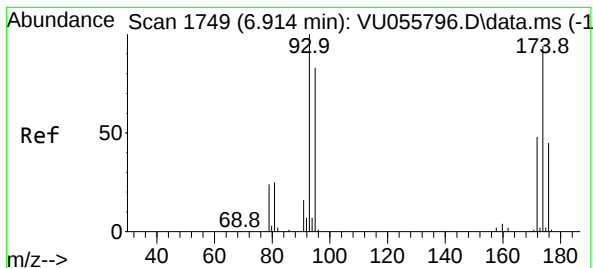
Delta R.T. -0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion:	56	Resp:	42997
Ion Ratio	Lower	Upper	
56	100		
41	53.5	25.2	75.6





#43

Dibromomethane

Concen: 1.966 ug/l

RT: 6.917 min Scan# 11249

Delta R.T. 0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

Tgt Ion: 93 Resp: 11249

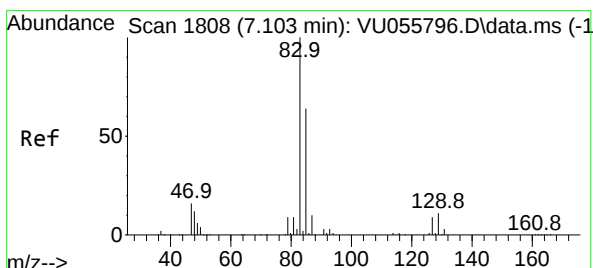
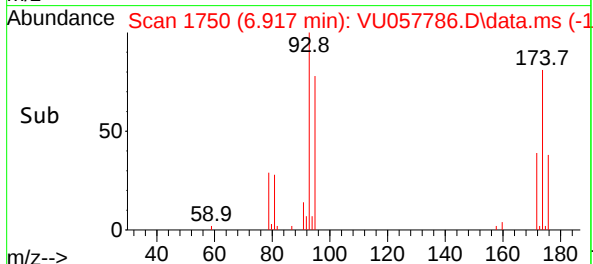
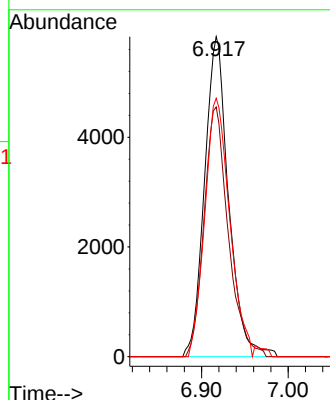
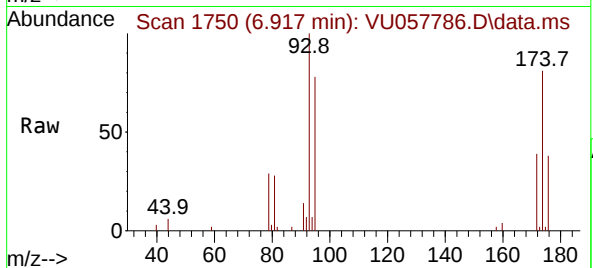
Ion	Ratio	Lower	Upper
93	100		
95	78.5	67.0	100.6
174	83.4	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 1.879 ug/l

RT: 7.100 min Scan# 1807

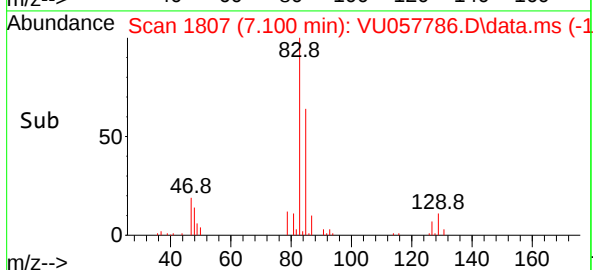
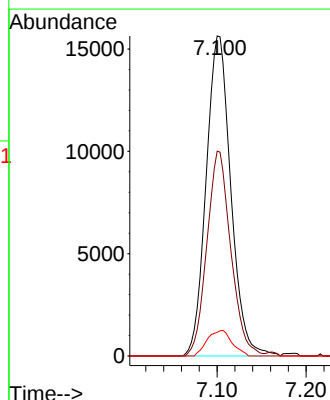
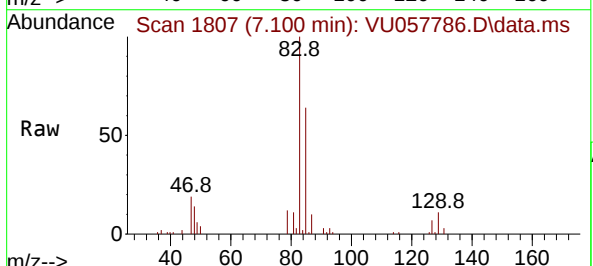
Delta R.T. -0.003 min

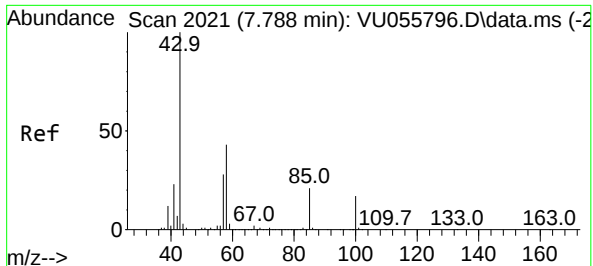
Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion: 83 Resp: 30104

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9
127	8.3	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 9.412 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

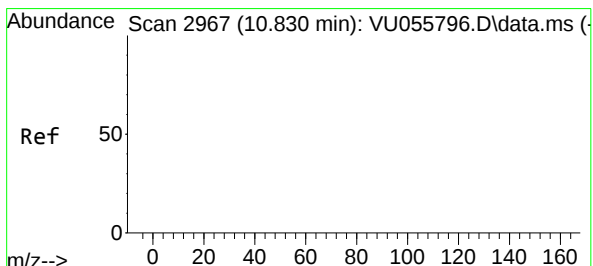
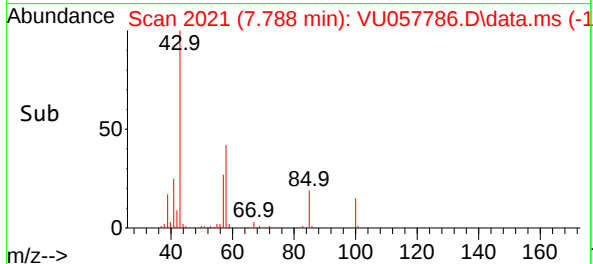
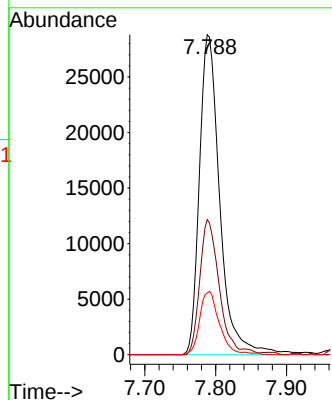
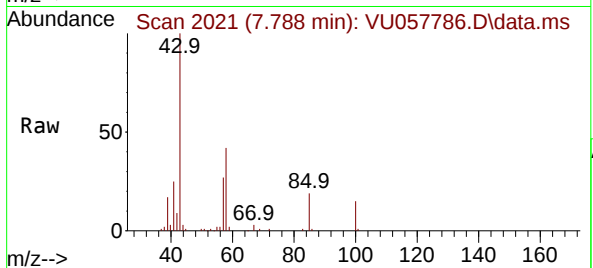
Tgt Ion: 43	Resp: 57390
Ion Ratio	Lower Upper
43 100	
58 39.6	20.9 62.8
85 18.7	14.6 21.8

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: 4.744 ug/l m

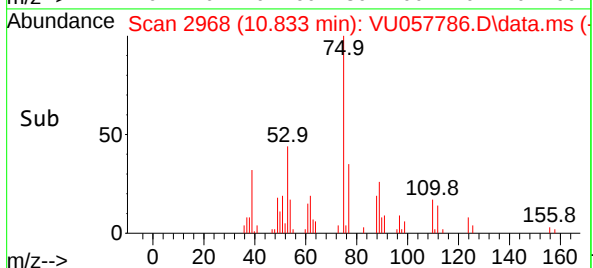
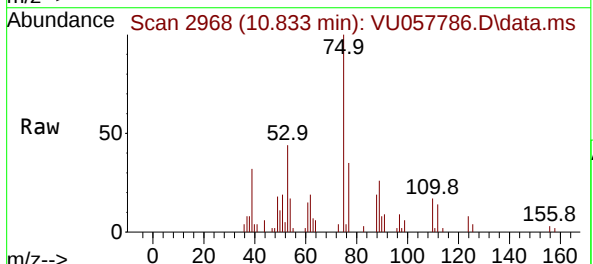
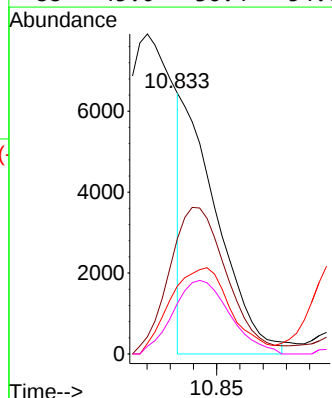
RT: 10.833 min Scan# 2968

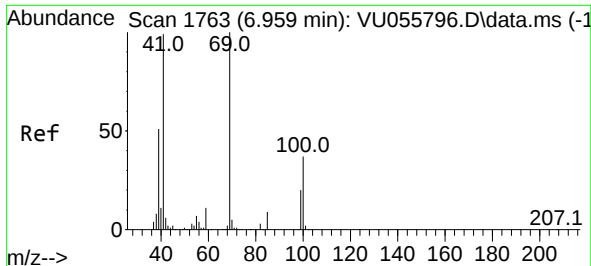
Delta R.T. 0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

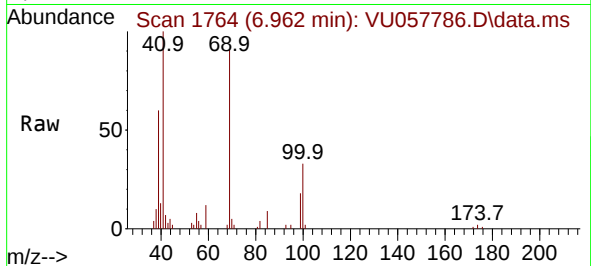
Tgt Ion: 75	Resp: 6867
Ion Ratio	Lower Upper
75 100	
53 92.0	73.3 109.9
89 56.7	48.2 72.4
88 45.0	36.4 54.6





#47
Methyl methacrylate
Concen: 3.711 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

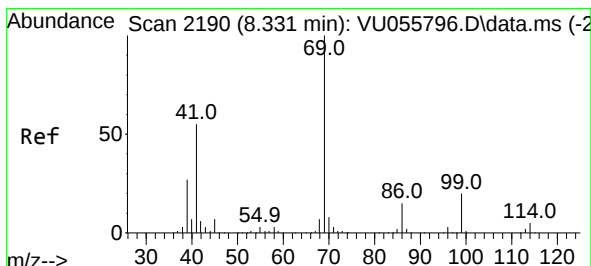
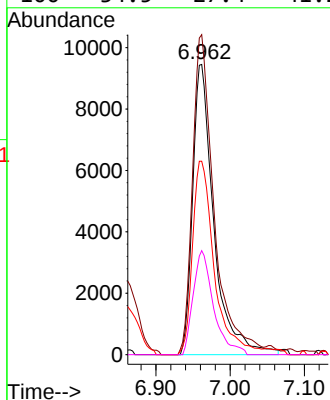
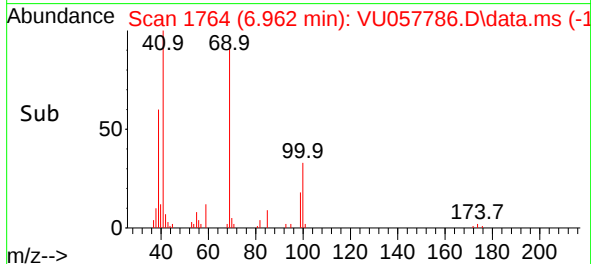
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 69 Resp: 1875
Ion Ratio Lower Upper
69 100
41 112.6 0.0 209.2
39 68.6 46.7 70.1
100 34.5 27.4 41.2

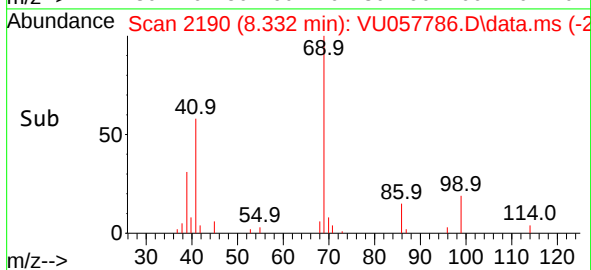
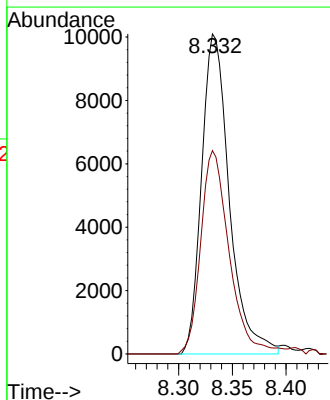
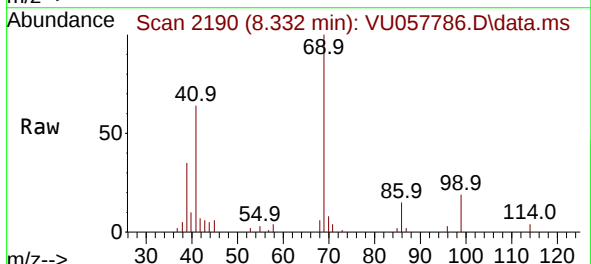
Manual Integrations
APPROVED

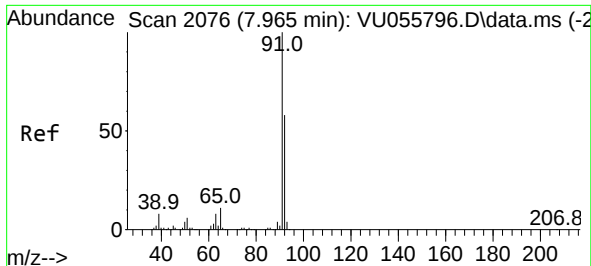
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 1.789 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.001 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

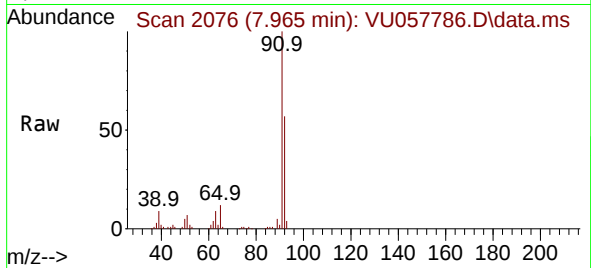
Tgt Ion: 69 Resp: 18119
Ion Ratio Lower Upper
69 100
41 65.3 30.3 90.8





#49
Toluene
Concen: 1.893 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

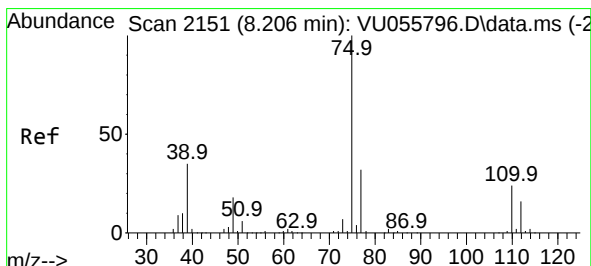
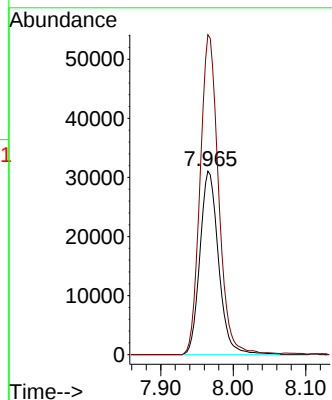
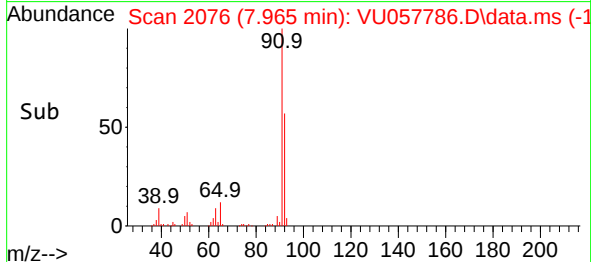
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 92 Resp: 5547
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.6

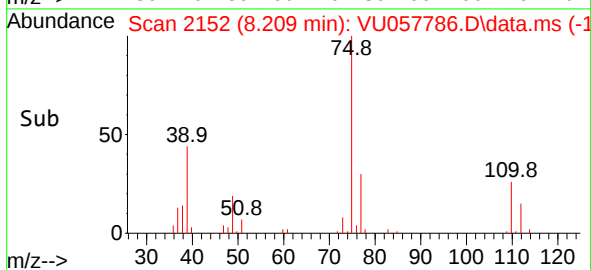
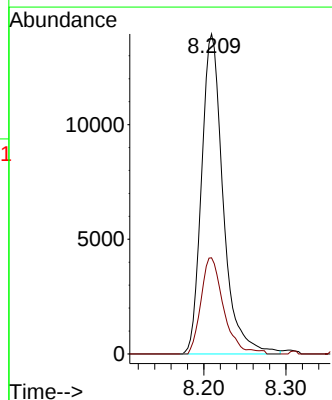
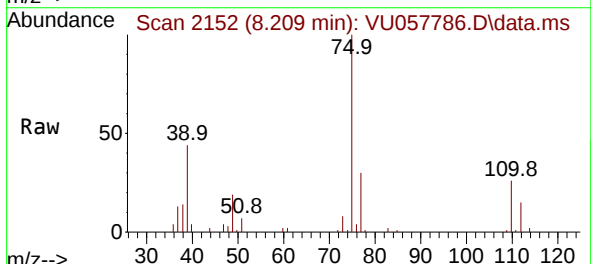
Manual Integrations
APPROVED

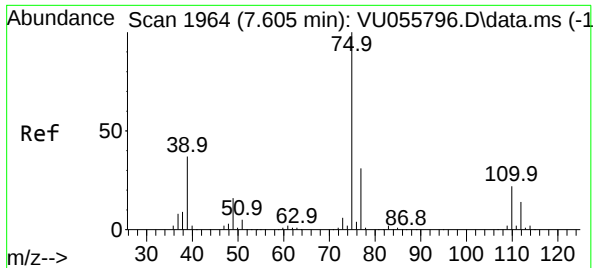
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#50
t-1,3-Dichloropropene
Concen: 1.843 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion: 75 Resp: 25483
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.892 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

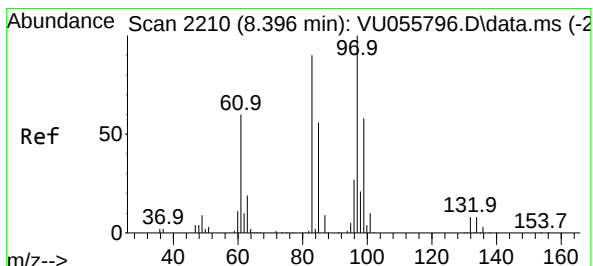
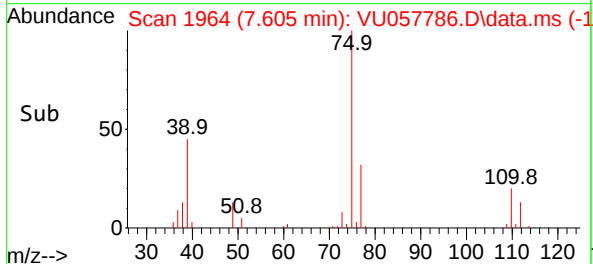
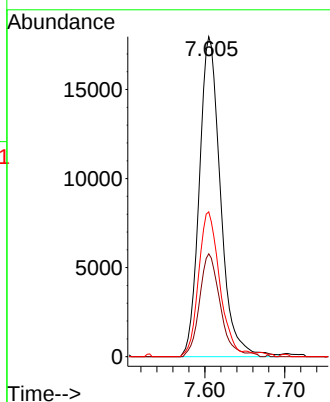
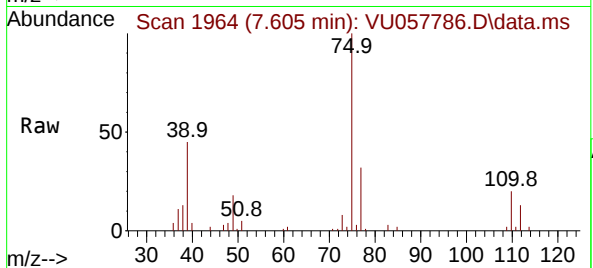
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBS01

Tgt Ion: 75 Resp: 3314

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	45.3	32.8	49.2

Manual Integrations
 APPROVED

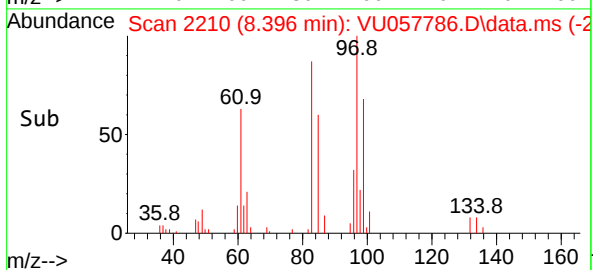
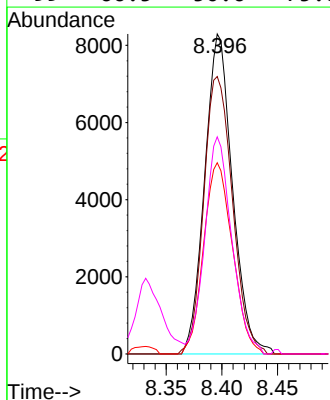
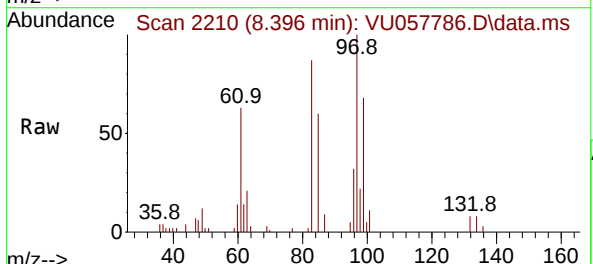
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

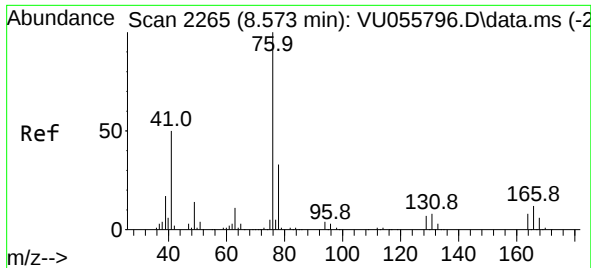


#52
 1,1,2-Trichloroethane
 Concen: 1.829 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

Tgt Ion: 97 Resp: 14418

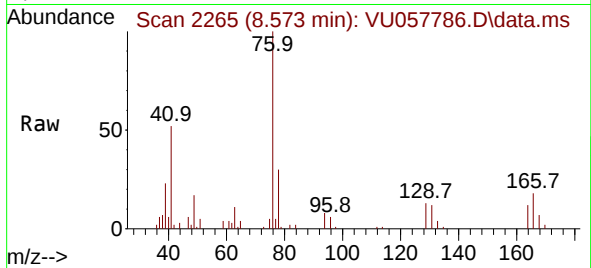
Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.8	107.8
85	59.8	45.2	67.8
99	66.5	50.6	75.8





#53
1,3-Dichloropropane
Concen: 1.881 ug/l
RT: 8.573 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

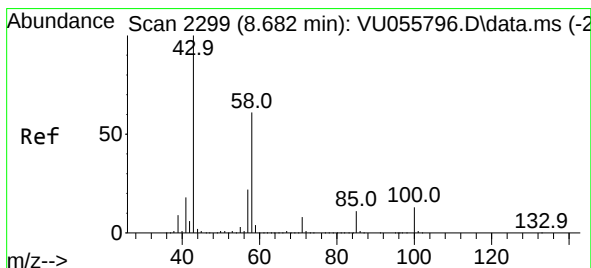
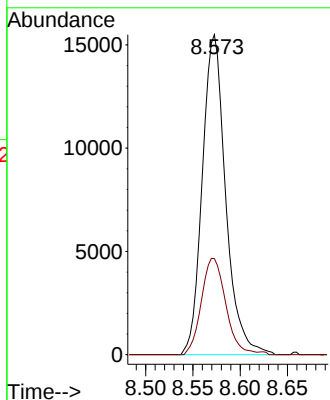
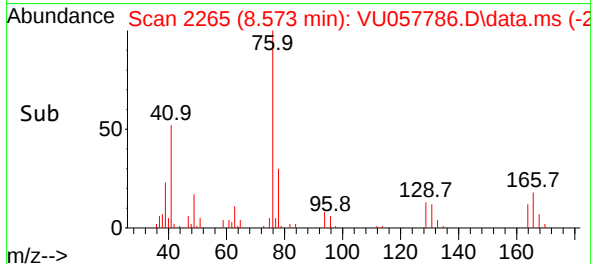
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



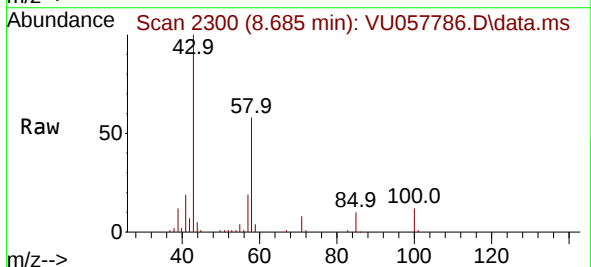
Tgt Ion: 76 Resp: 2665
Ion Ratio Lower Upper
76 100
78 31.3 25.9 38.9

Manual Integrations
APPROVED

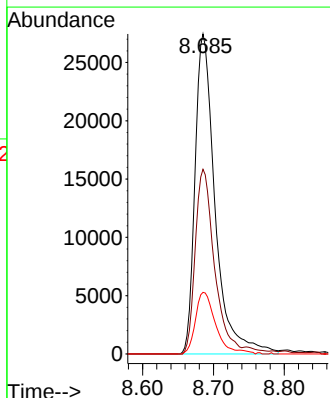
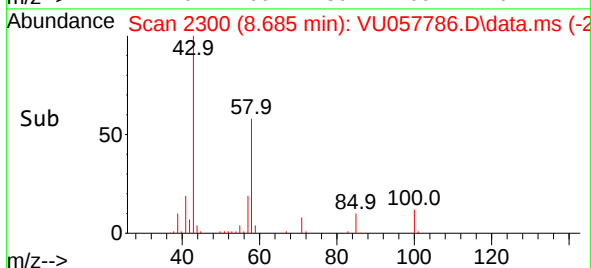
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

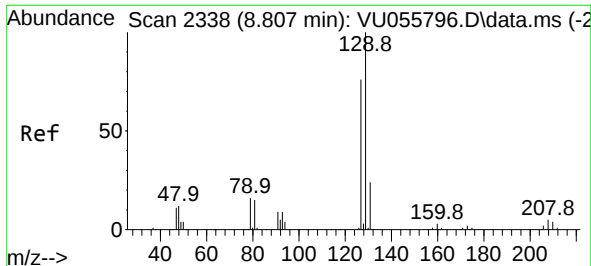


#54
2-Hexanone
Concen: 9.657 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



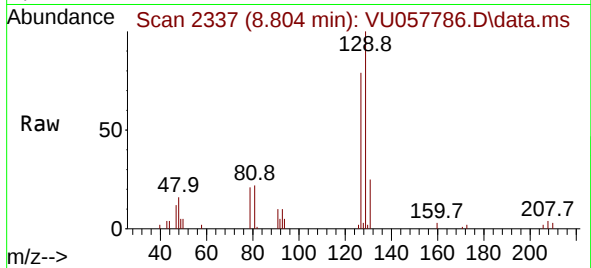
Tgt Ion: 43 Resp: 54206
Ion Ratio Lower Upper
43 100
58 54.8 38.2 78.2
57 19.3 0.0 39.1





#55
Dibromochloromethane
Concen: 1.766 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

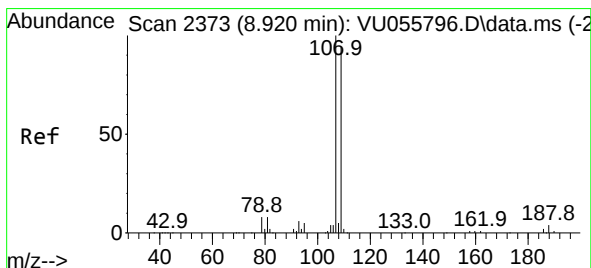
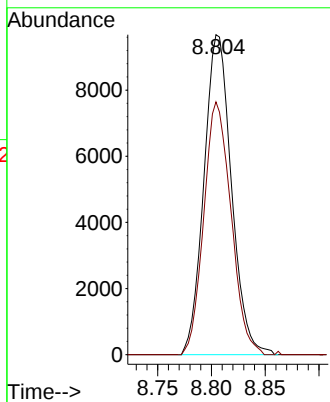
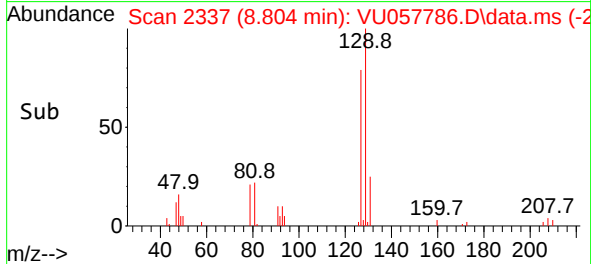
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion:129 Resp: 1723
Ion Ratio Lower Upper
129 100
127 78.2 61.4 92.0

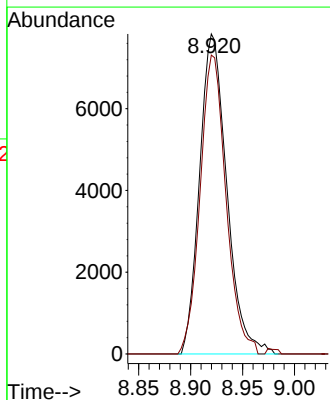
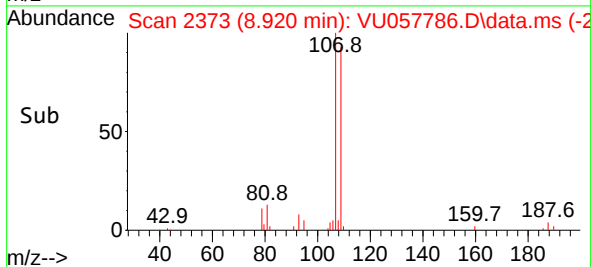
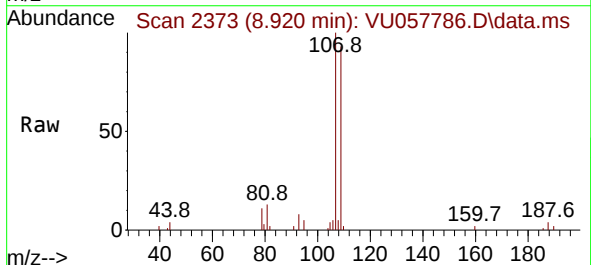
Manual Integrations
APPROVED

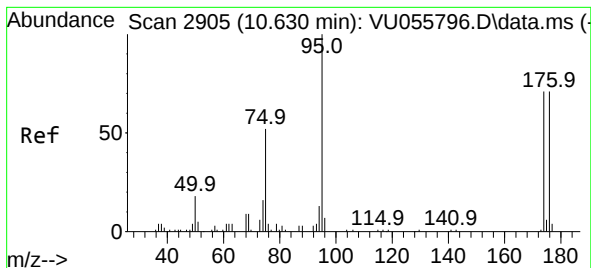
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 1.965 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

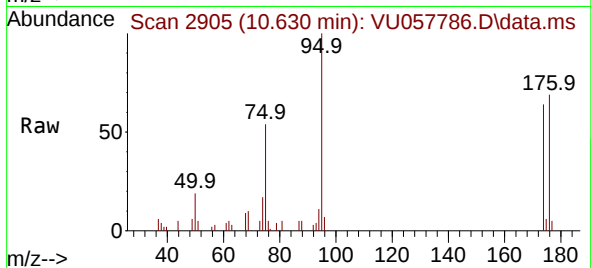
Tgt Ion:107 Resp: 14260
Ion Ratio Lower Upper
107 100
109 89.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.956 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

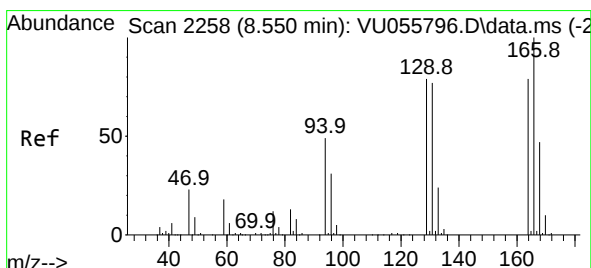
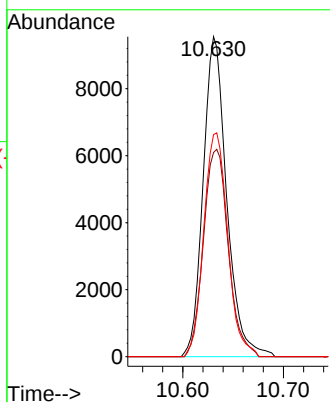
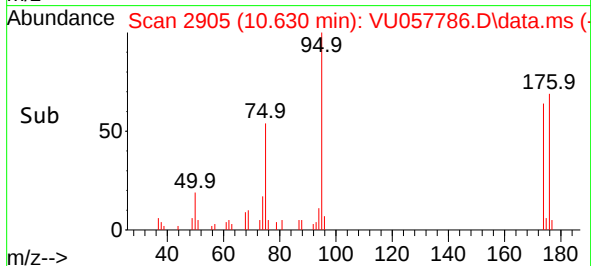
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



Tgt Ion: 95 Resp: 15512
Ion Ratio Lower Upper
95 100
174 68.5 63.3 94.9
176 71.2 59.3 88.9

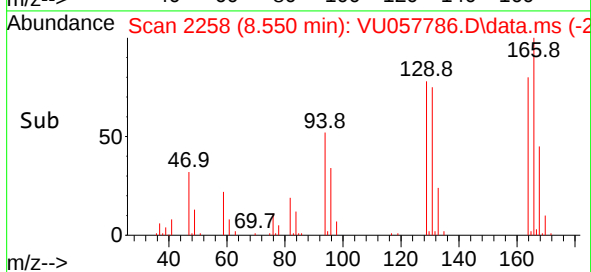
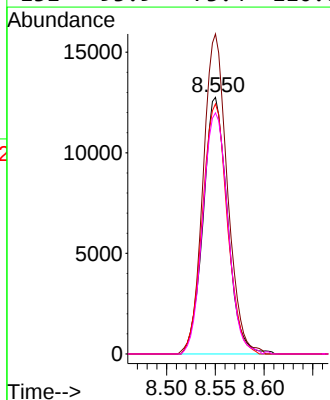
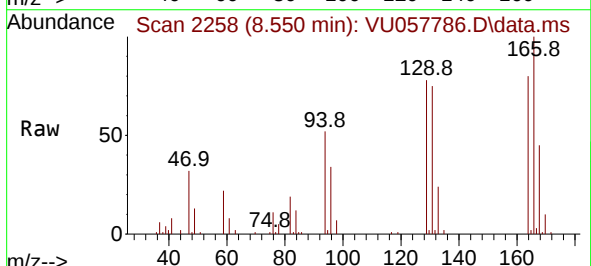
Manual Integrations
APPROVED

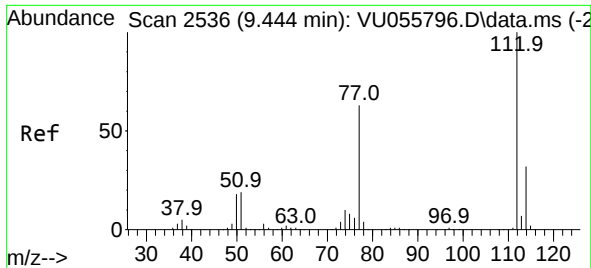
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 1.963 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion:164 Resp: 22073
Ion Ratio Lower Upper
164 100
166 124.6 99.6 149.4
129 97.4 78.6 117.8
131 93.9 73.4 110.0





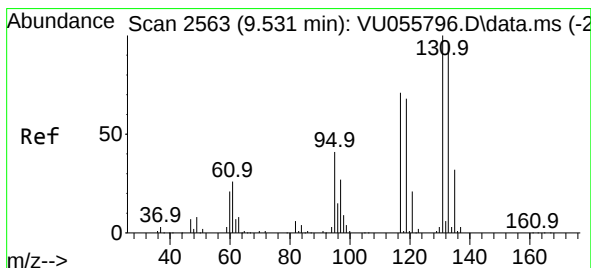
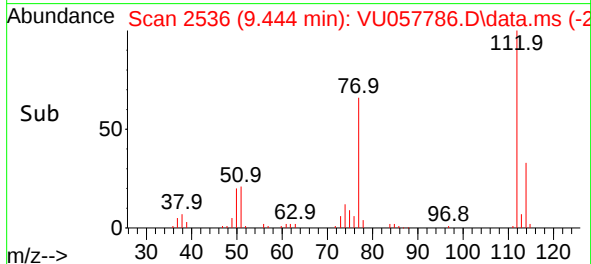
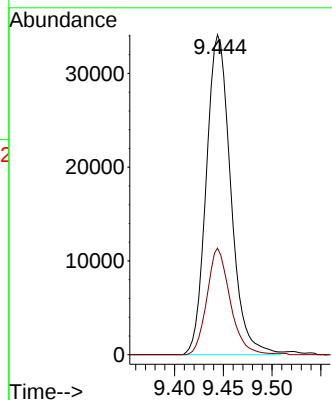
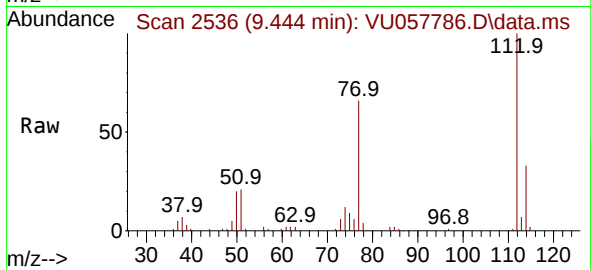
#59
Chlorobenzene
Concen: 1.839 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:112 Resp: 5959
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4

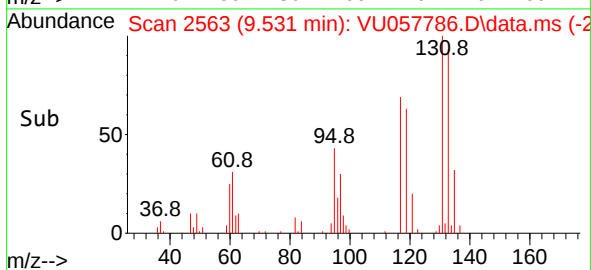
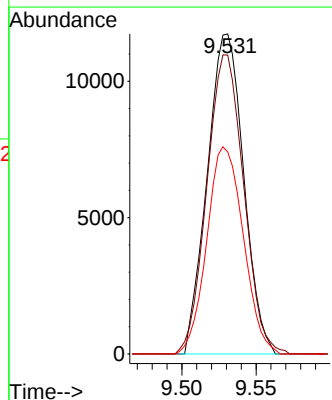
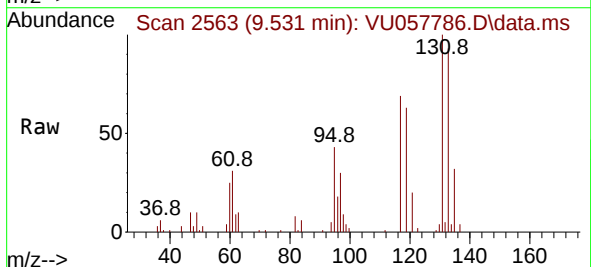
Manual Integrations
APPROVED

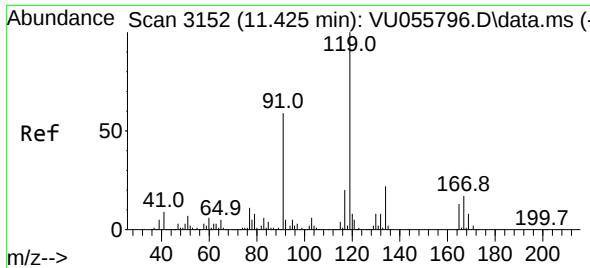
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 1.818 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion:131 Resp: 19996
Ion Ratio Lower Upper
131 100
133 94.6 77.8 116.6
119 65.0 55.2 82.8





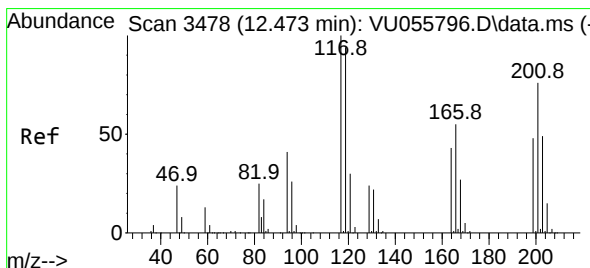
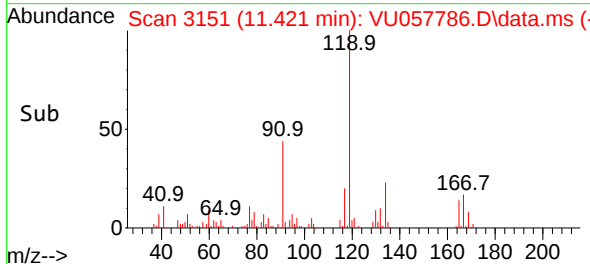
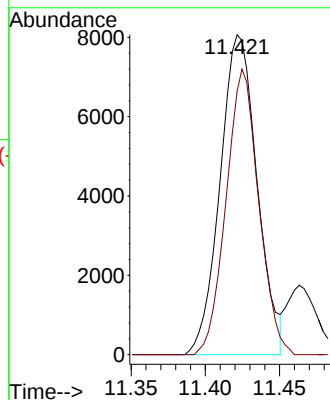
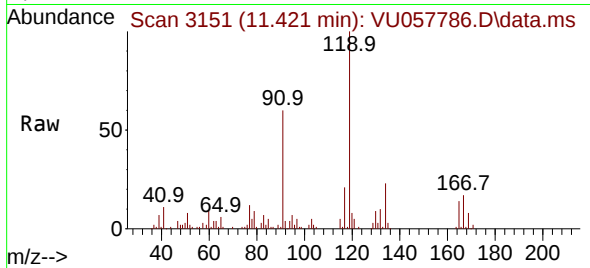
#61
 Pentachloroethane
 Concen: 1.748 ug/l
 RT: 11.421 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBS01

Tgt Ion:117 Resp: 1398
 Ion Ratio Lower Upper
 117 100
 167 78.8 56.7 85.1

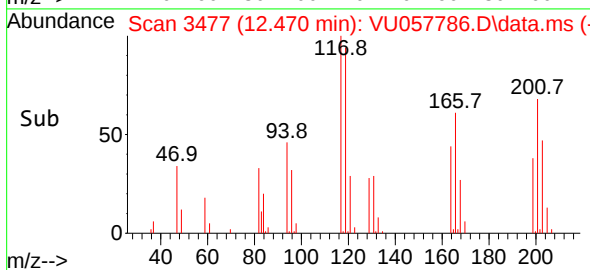
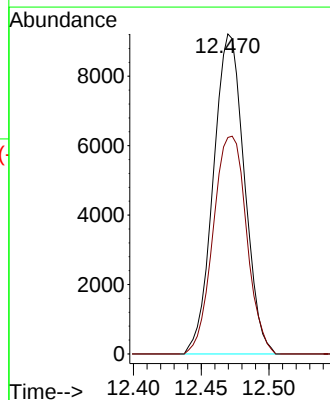
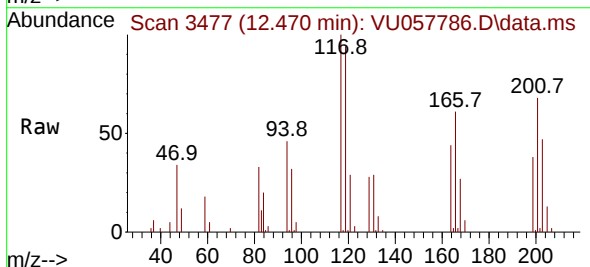
Manual Integrations
 APPROVED

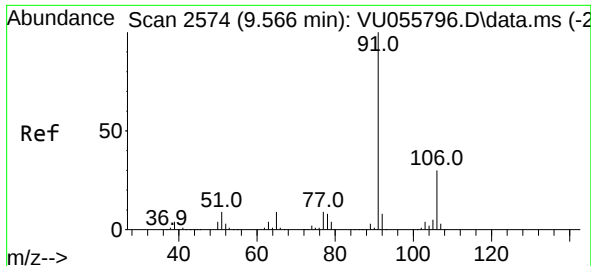
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#62
 Hexachloroethane
 Concen: 1.823 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

Tgt Ion:117 Resp: 14675
 Ion Ratio Lower Upper
 117 100
 201 73.3 59.6 89.4





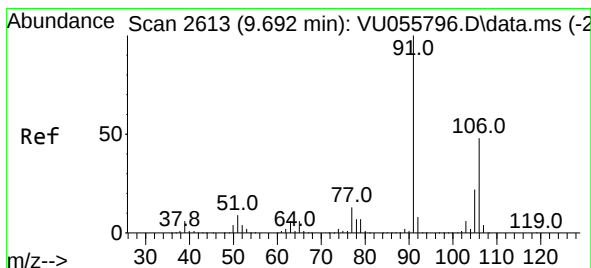
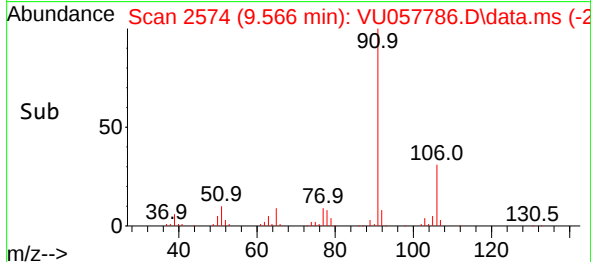
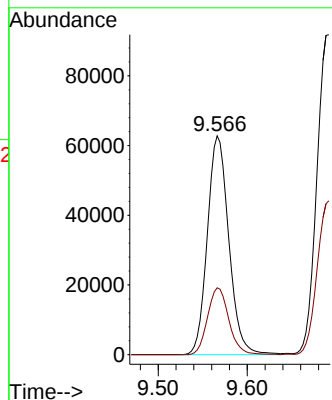
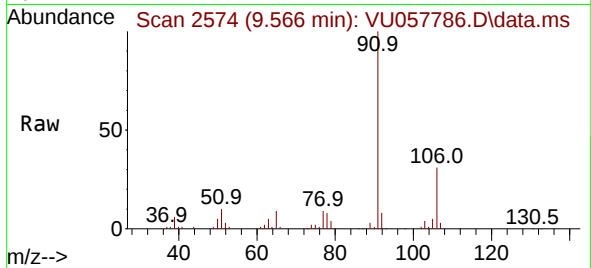
#63
Ethyl Benzene
Concen: 1.822 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion: 91 Resp: 10501
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

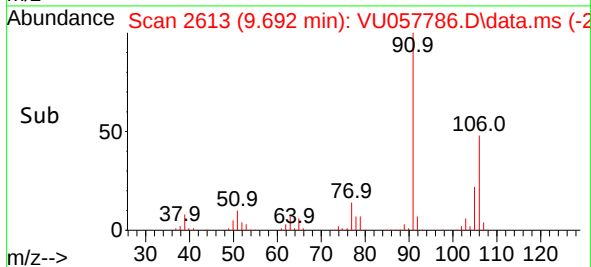
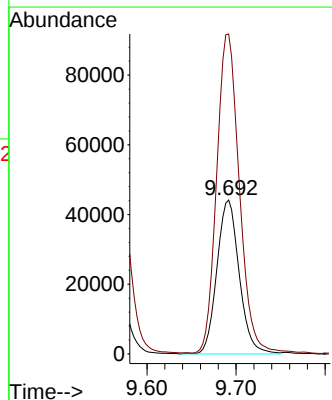
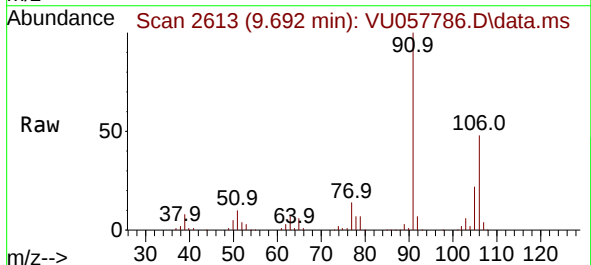
Manual Integrations
APPROVED

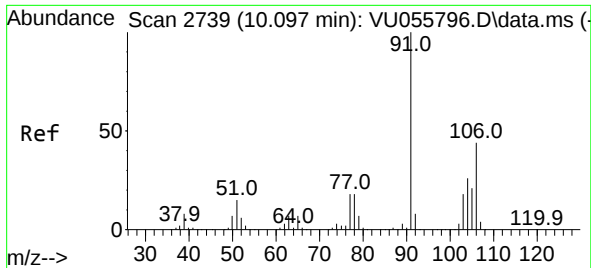
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 3.673 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion:106 Resp: 76884
Ion Ratio Lower Upper
106 100
91 212.1 167.3 250.9





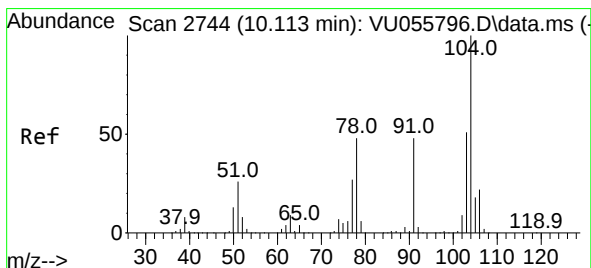
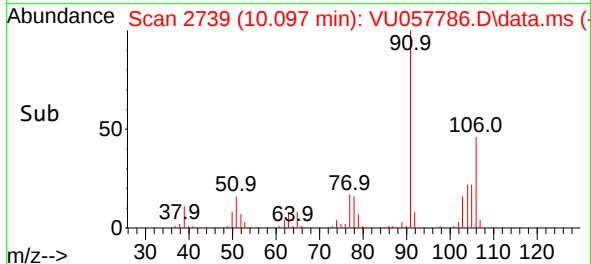
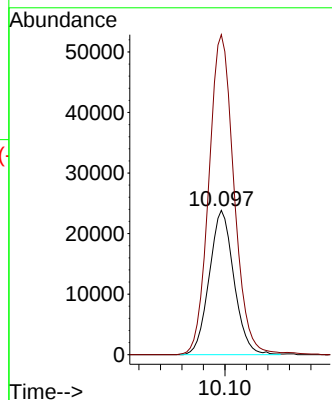
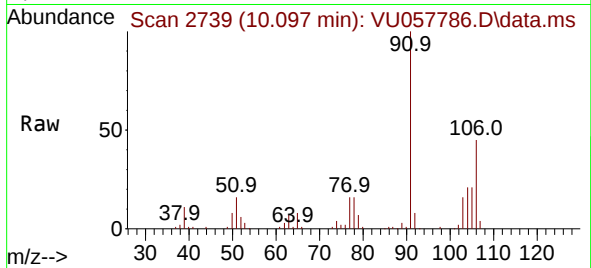
#65
o-Xylene
Concen: 1.832 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:106 Resp: 37950
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.9

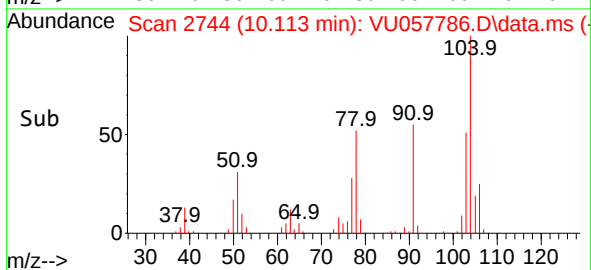
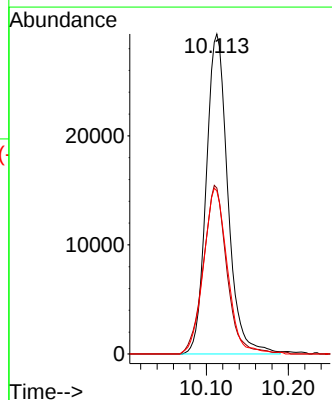
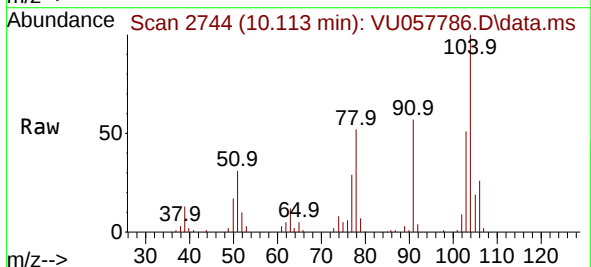
Manual Integrations
APPROVED

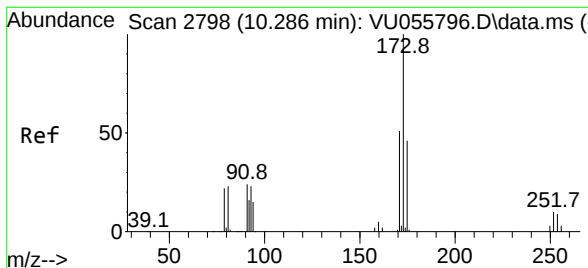
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 1.738 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion:104 Resp: 53751
Ion Ratio Lower Upper
104 100
78 56.9 39.7 59.5
103 57.3 44.8 67.2





#67

Bromoform

Concen: 1.709 ug/l

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

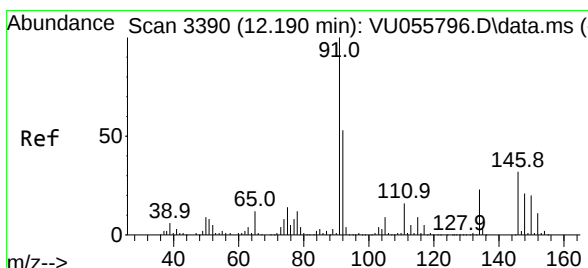
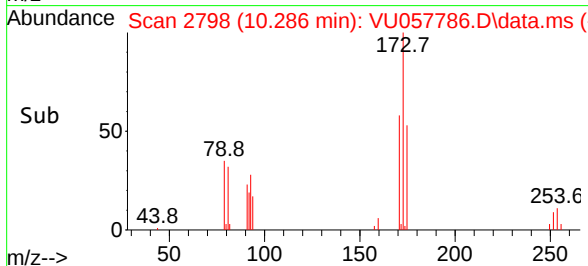
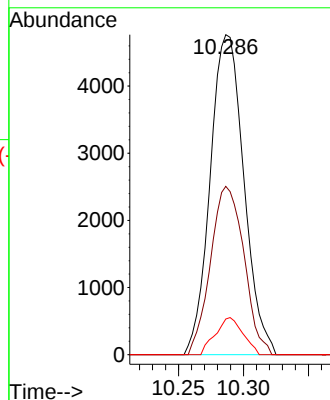
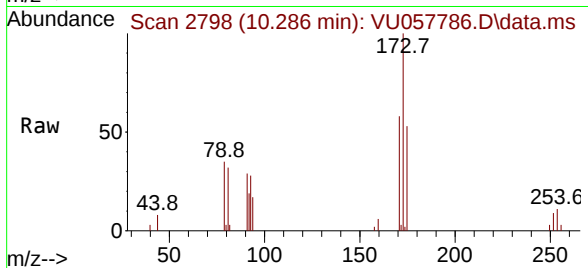
Tgt Ion:	173	Resp:	858
Ion Ratio	Lower	Upper	
173	100		
175	52.2	39.0	58.6
254	9.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.909 ug/l

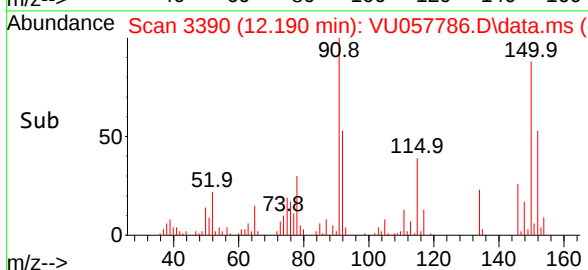
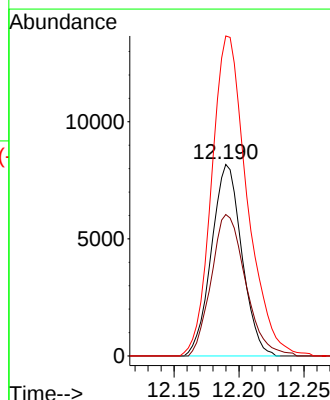
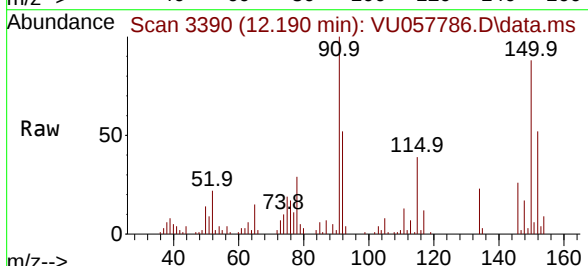
RT: 12.190 min Scan# 3390

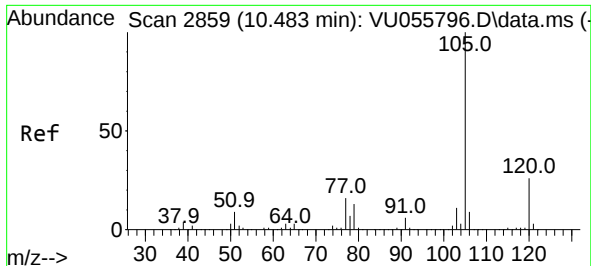
Delta R.T. -0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion:	152	Resp:	13273
Ion Ratio	Lower	Upper	
152	100		
115	83.3	0.0	308.8
150	195.1	0.0	635.0





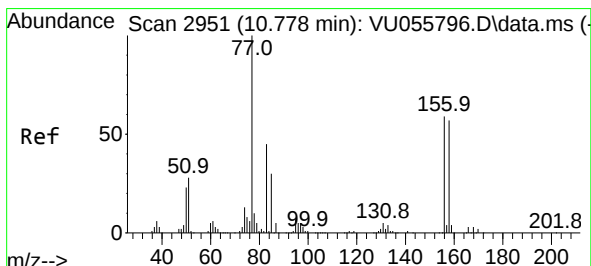
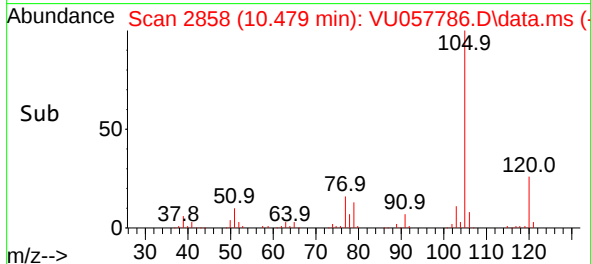
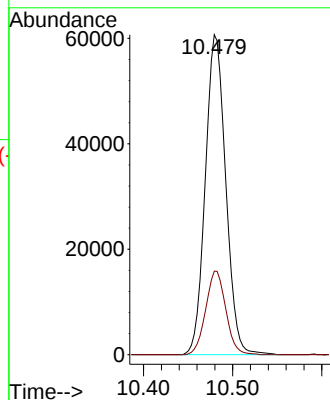
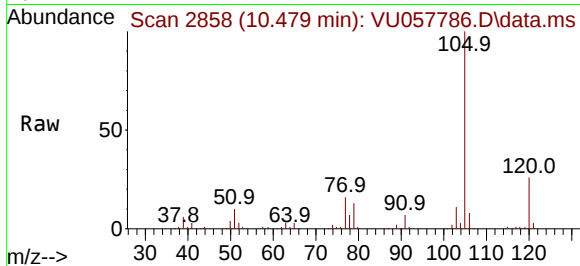
#69
Isopropylbenzene
Concen: 1.780 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:105 Resp: 96694
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

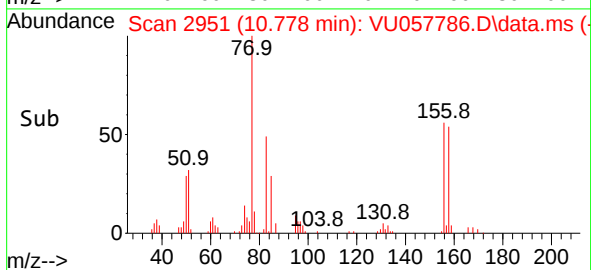
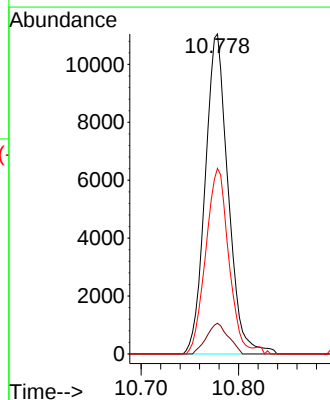
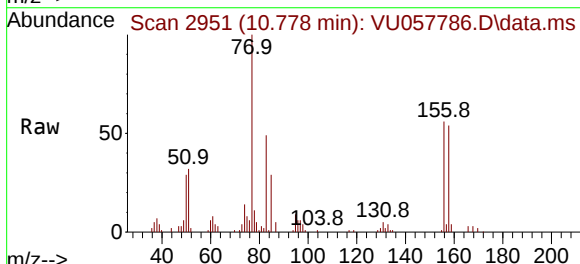
Manual Integrations
APPROVED

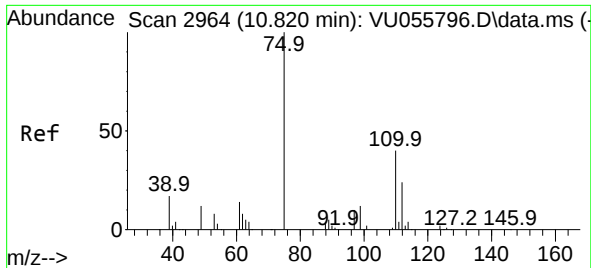
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 1.827 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Tgt Ion: 83 Resp: 18048
Ion Ratio Lower Upper
83 100
131 9.1 7.2 10.8
85 57.7 50.5 75.7





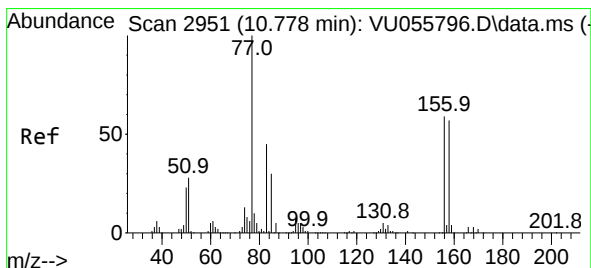
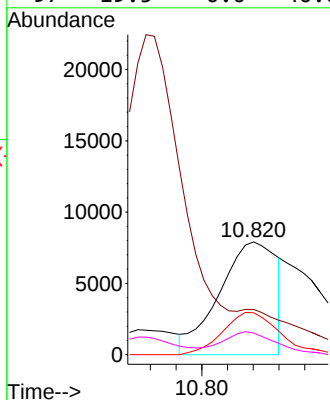
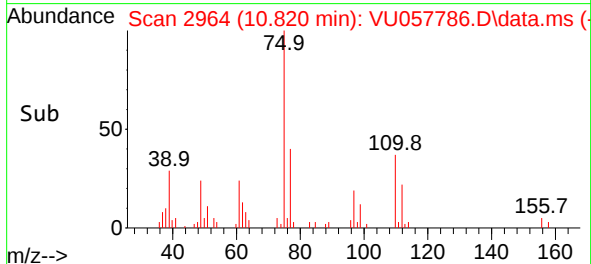
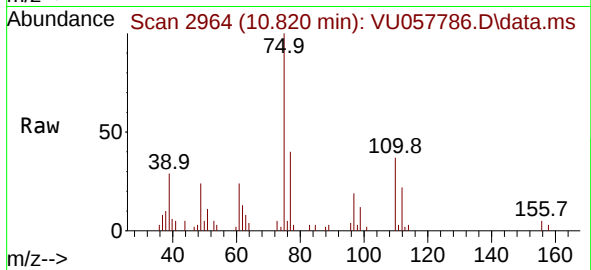
#71
1,2,3-Trichloropropane
Concen: 1.498 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:	75	Resp:	1221
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	37.1	0.0	74.6
97	19.5	0.0	40.0

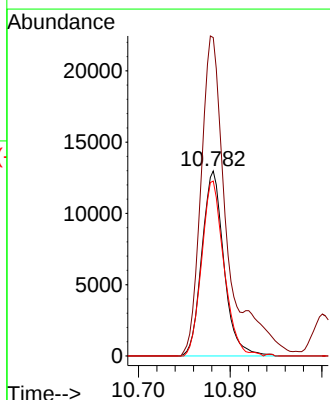
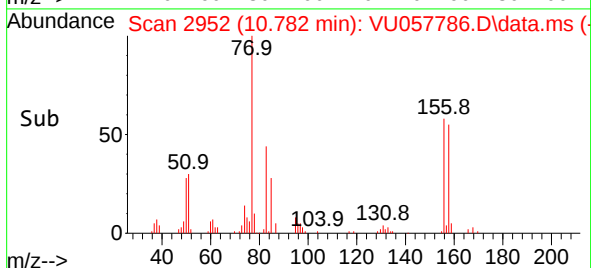
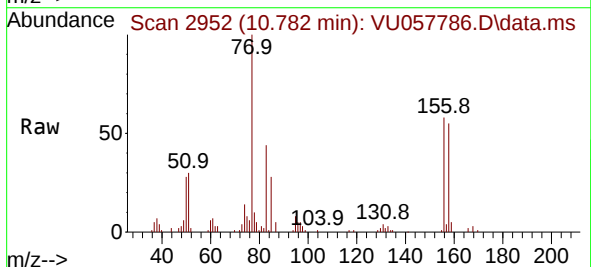
Manual Integrations
APPROVED

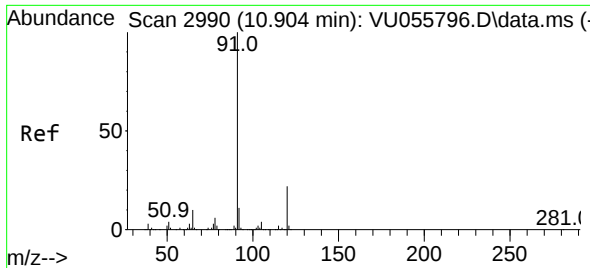
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#72
Bromobenzene
Concen: 1.810 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

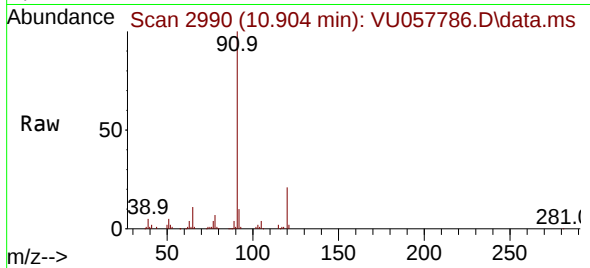
Tgt Ion:	156	Resp:	21638
Ion Ratio	Lower	Upper	
156	100		
77	179.8	0.0	343.0
158	95.7	0.0	194.8





#73
n-propylbenzene
Concen: 1.726 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

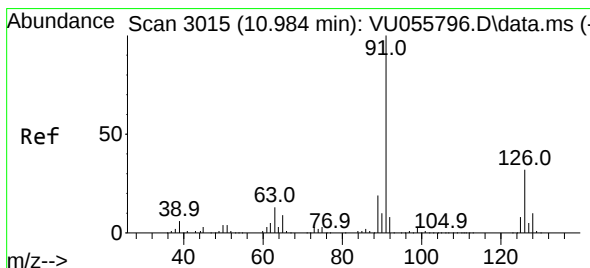
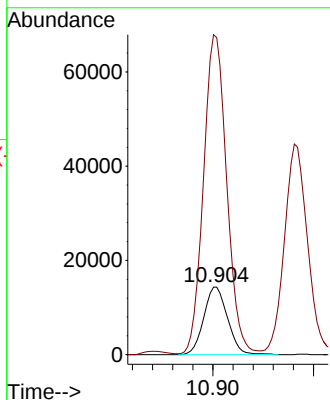
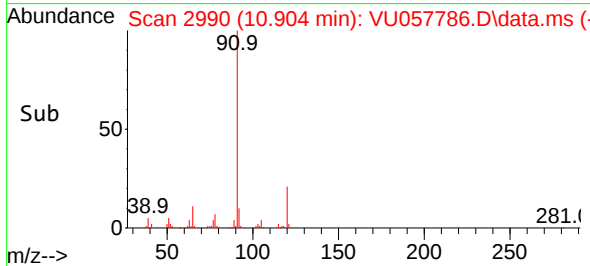
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



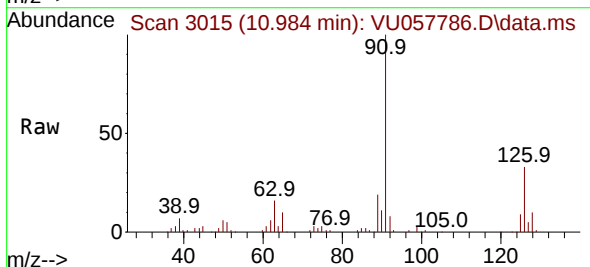
Tgt Ion:120 Resp: 23552
Ion Ratio Lower Upper
120 100
91 460.4 369.8 554.6

Manual Integrations
APPROVED

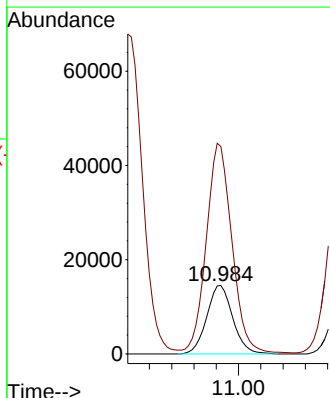
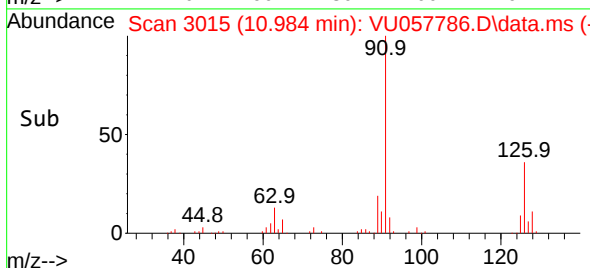
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

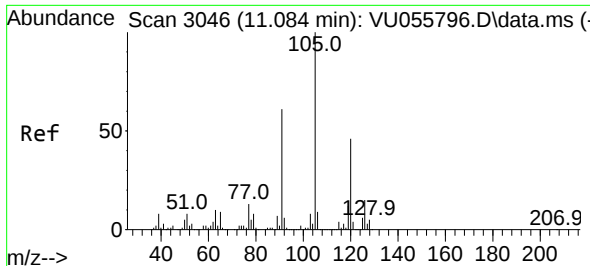


#74
2-Chlorotoluene
Concen: 1.858 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



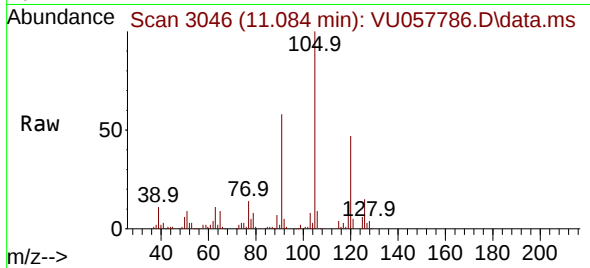
Tgt Ion:126 Resp: 23526
Ion Ratio Lower Upper
126 100
91 302.2 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.791 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

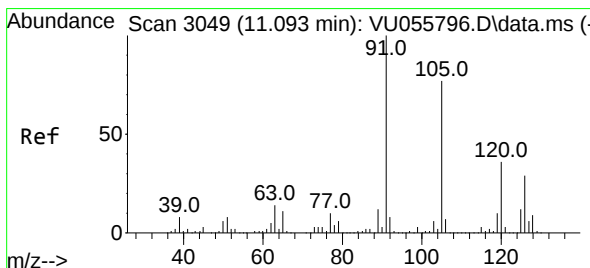
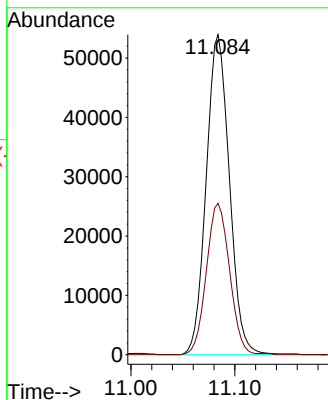
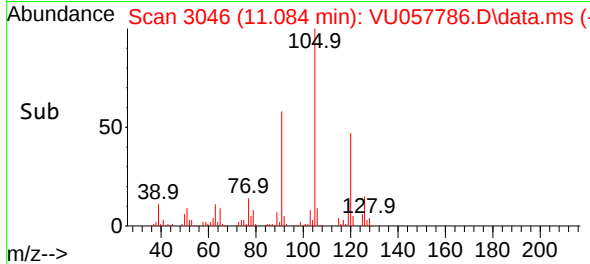
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



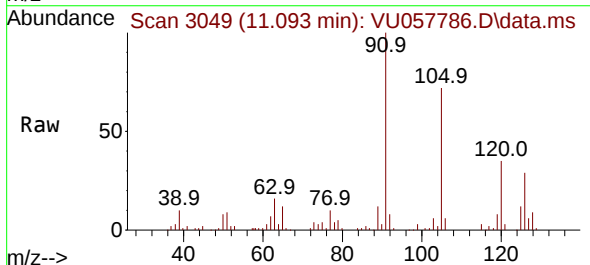
Tgt Ion:105 Resp: 83562
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8

Manual Integrations
APPROVED

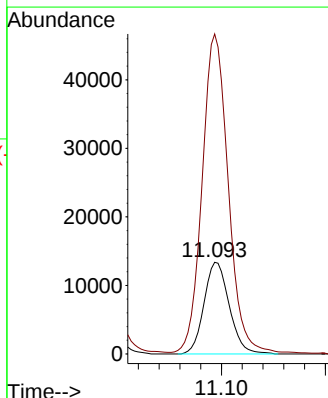
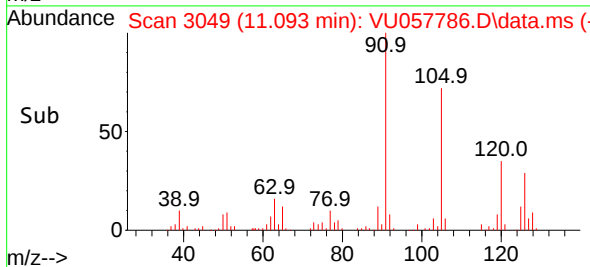
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

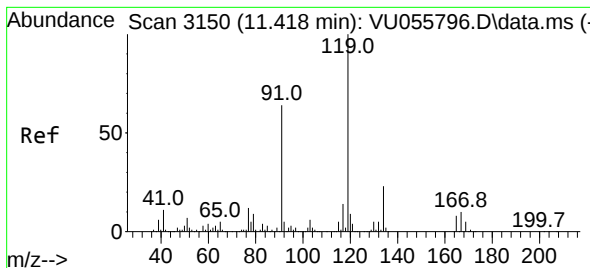


#76
4-Chlorotoluene
Concen: 1.768 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



Tgt Ion:126 Resp: 22500
Ion Ratio Lower Upper
126 100
91 360.5 0.0 686.2





#77

tert-Butylbenzene

Concen: 1.740 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

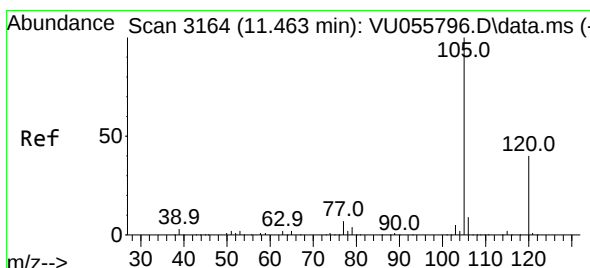
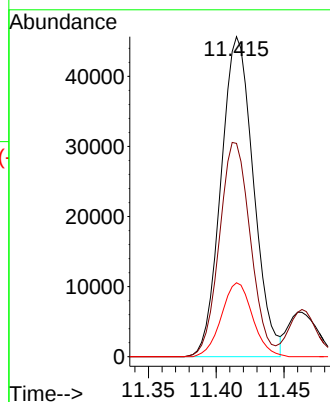
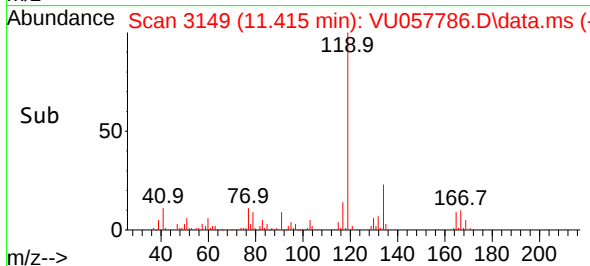
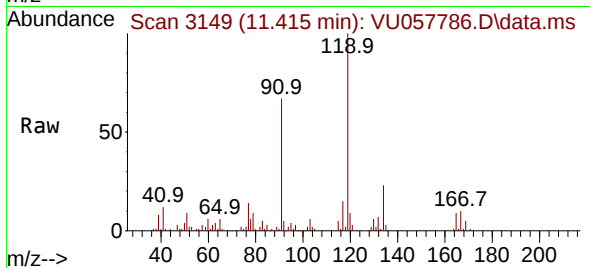
Tgt Ion:	119	Resp:	7616
Ion Ratio	Lower	Upper	
119	100		
91	63.9	30.8	92.4
134	22.1	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#78

1,2,4-Trimethylbenzene

Concen: 1.759 ug/l

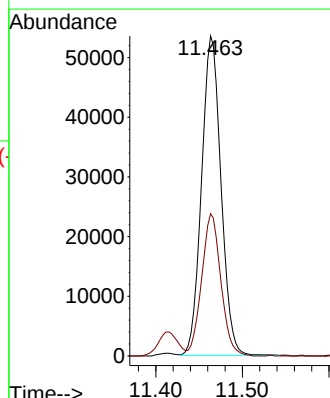
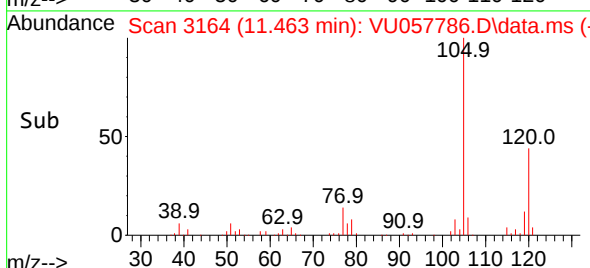
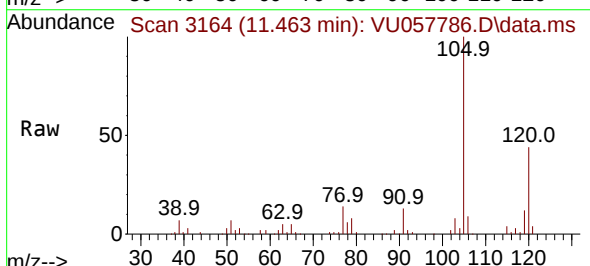
RT: 11.463 min Scan# 3164

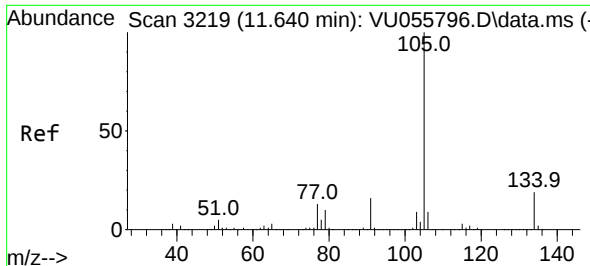
Delta R.T. 0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

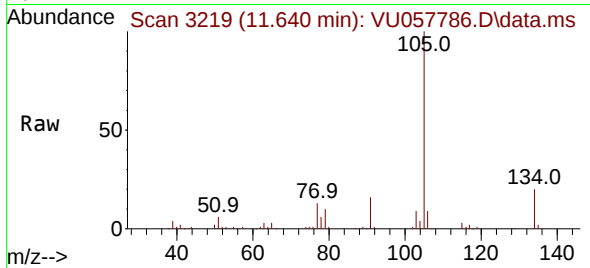
Tgt Ion:	105	Resp:	83239
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.8





#79
 sec-Butylbenzene
 Concen: 1.754 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49

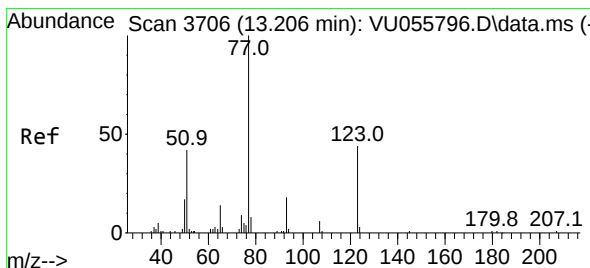
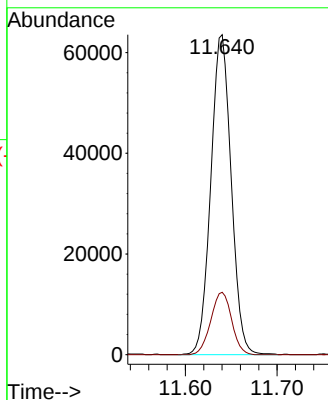
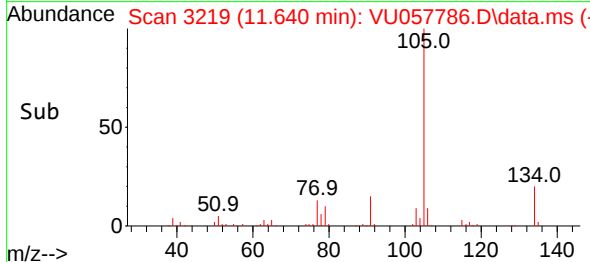
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBS01



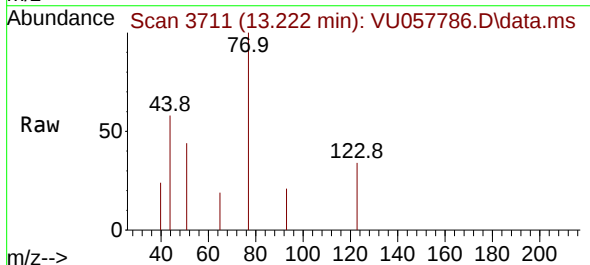
Tgt Ion:105 Resp: 98134
 Ion Ratio Lower Upper
 105 100
 134 19.9 14.9 22.3

Manual Integrations
 APPROVED

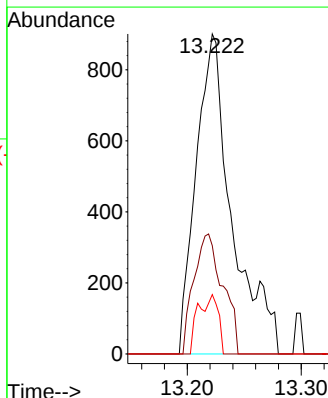
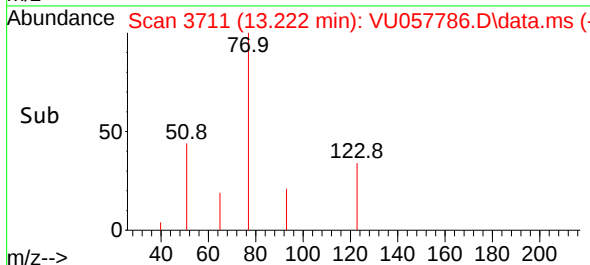
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

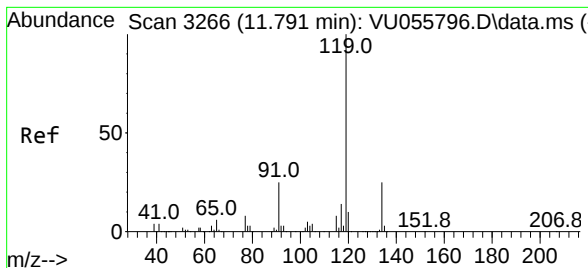


#80
 Nitrobenzene
 Concen: 10.420 ug/l m
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.016 min
 Lab File: VU057786.D
 Acq: 02 Feb 2024 10:49



Tgt Ion: 77 Resp: 1966
 Ion Ratio Lower Upper
 77 100
 123 30.4 19.7 69.7
 65 10.3 11.5 14.7#





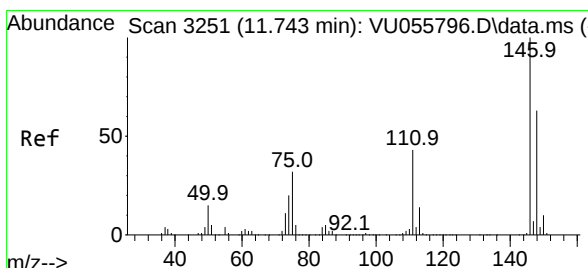
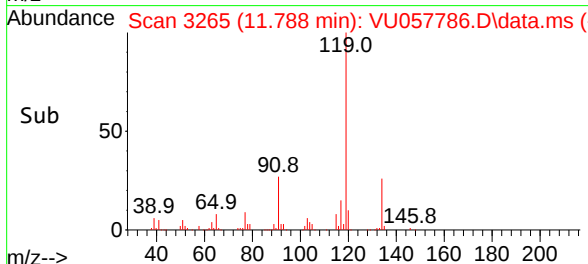
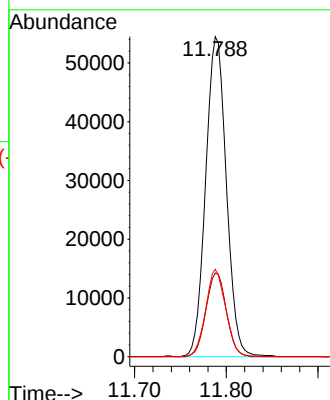
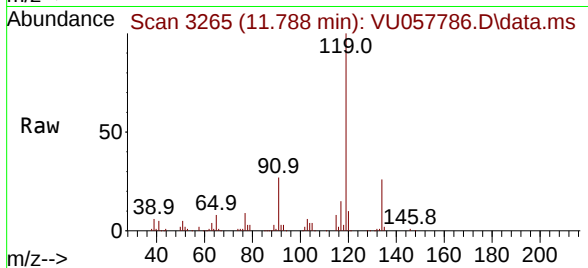
#81
p-Isopropyltoluene
Concen: 1.810 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Tgt Ion:119 Resp: 85378
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 26.5 19.3 28.9

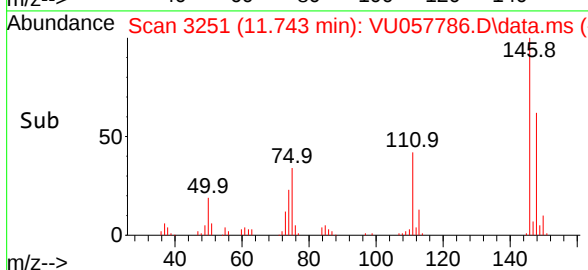
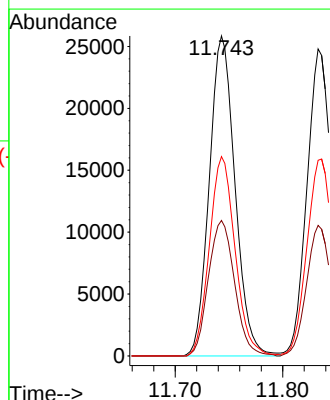
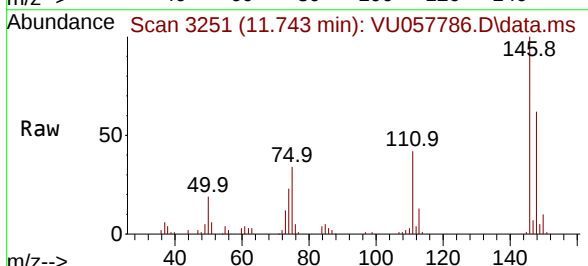
Manual Integrations
APPROVED

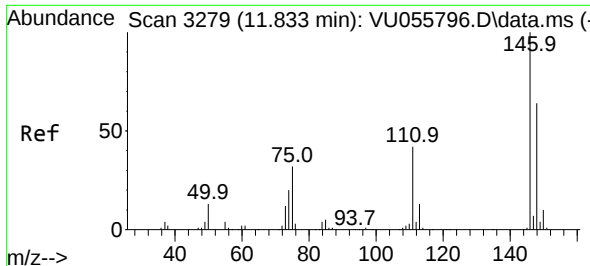
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 1.776 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

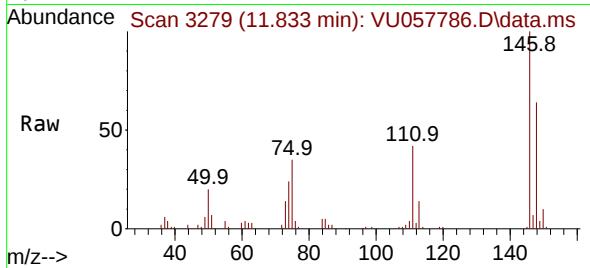
Tgt Ion:146 Resp: 42929
Ion Ratio Lower Upper
146 100
111 43.1 32.6 49.0
148 62.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.727 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

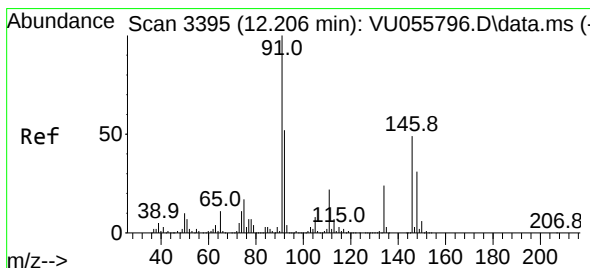
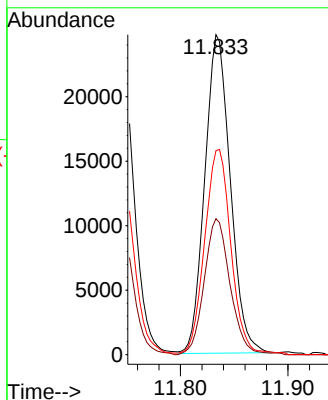
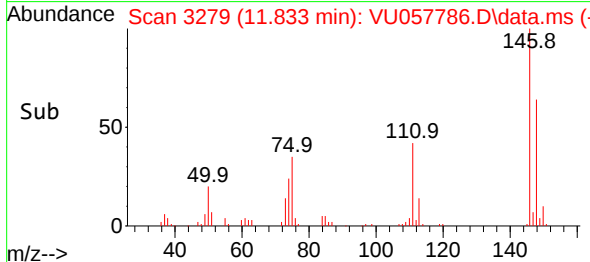
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



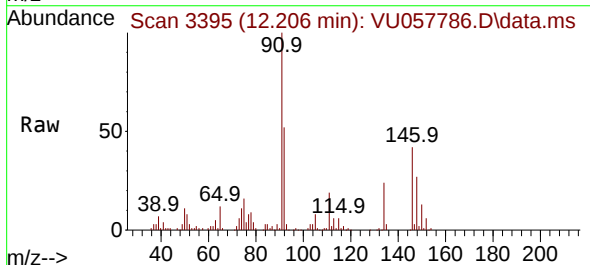
Tgt Ion:146 Resp: 40738
Ion Ratio Lower Upper
146 100
111 43.3 31.6 47.4
148 66.7 50.3 75.5

Manual Integrations
APPROVED

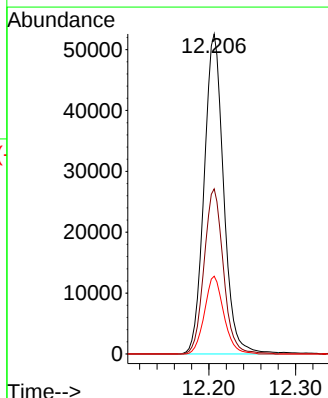
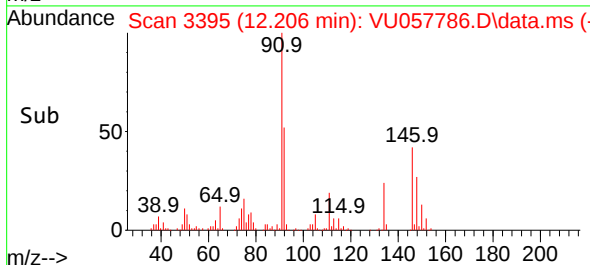
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

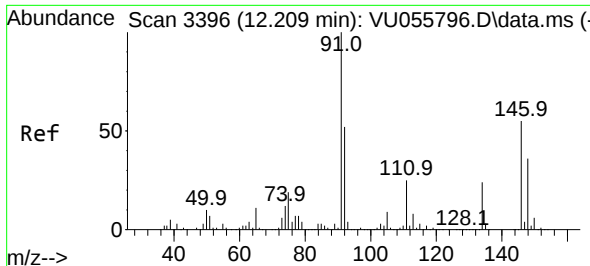


#84
n-Butylbenzene
Concen: 1.821 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



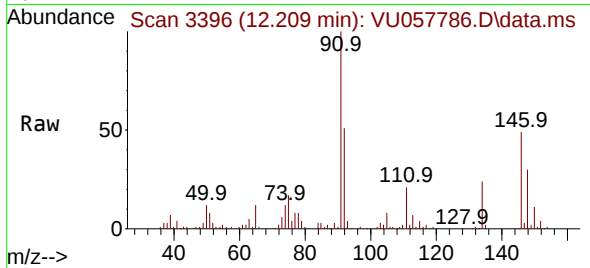
Tgt Ion: 91 Resp: 82152
Ion Ratio Lower Upper
91 100
92 51.1 40.8 61.2
134 24.0 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 1.781 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49

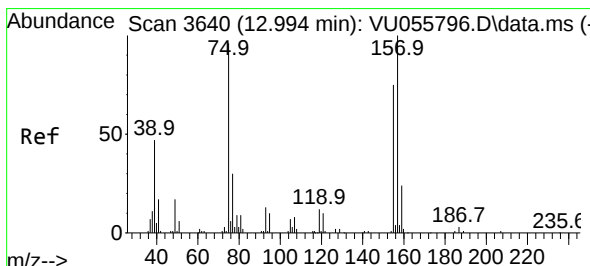
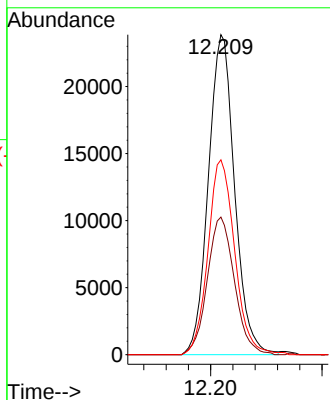
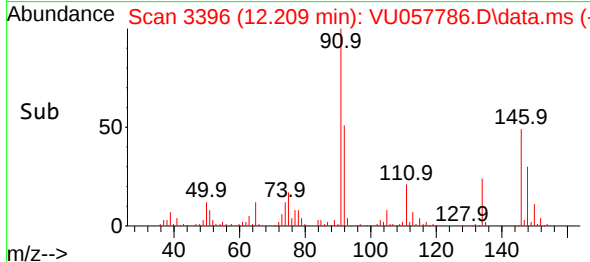
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01



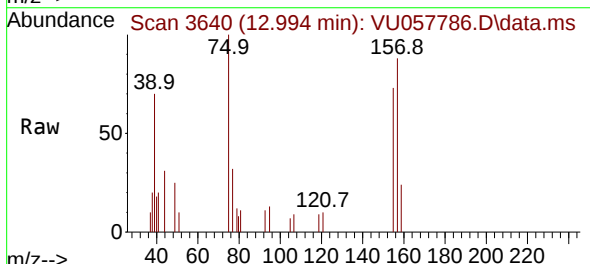
Tgt Ion:146 Resp: 3904
Ion Ratio Lower Upper
146 100
111 44.5 21.6 64.6
148 62.2 32.1 96.5

Manual Integrations
APPROVED

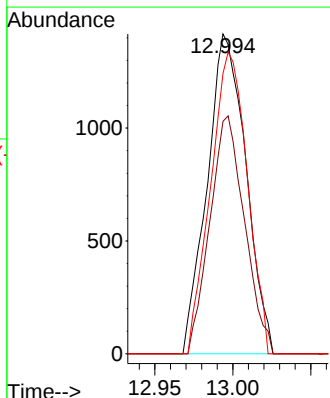
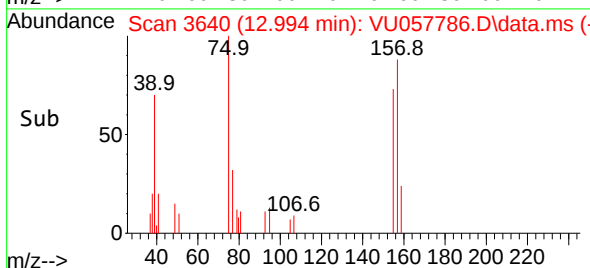
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

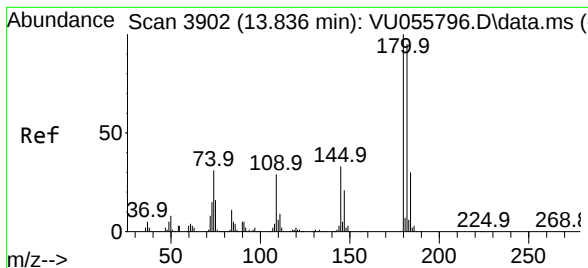


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.831 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU057786.D
Acq: 02 Feb 2024 10:49



Tgt Ion: 75 Resp: 2443
Ion Ratio Lower Upper
75 100
155 66.8 61.8 92.8
157 89.5 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 1.704 ug/l

RT: 13.839 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

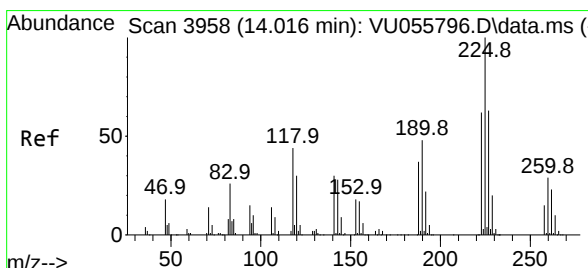
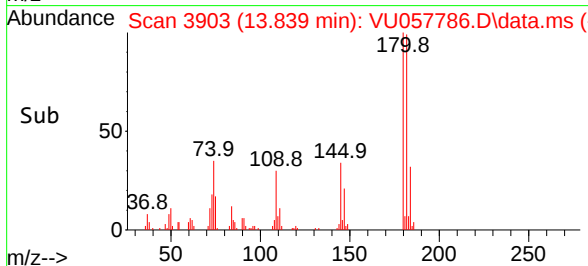
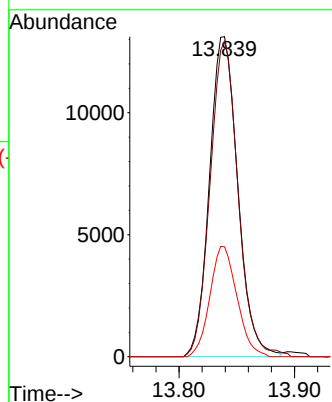
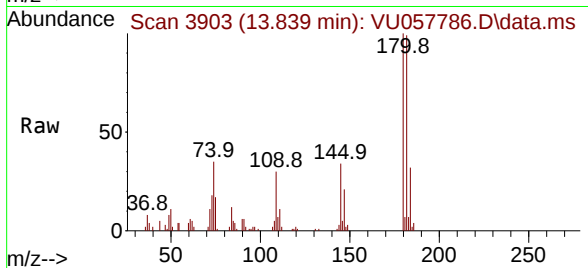
Tgt Ion:	180	Resp:	22318
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.8	113.6
145	33.0	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#88

Hexachlorobutadiene

Concen: 1.824 ug/l

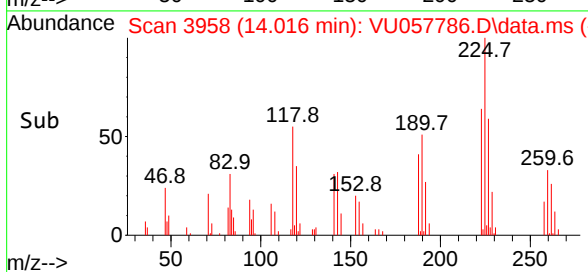
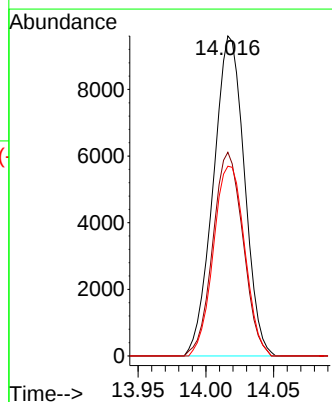
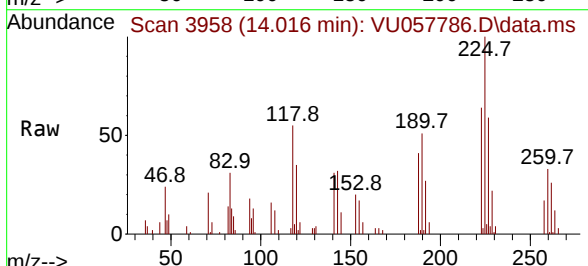
RT: 14.016 min Scan# 3958

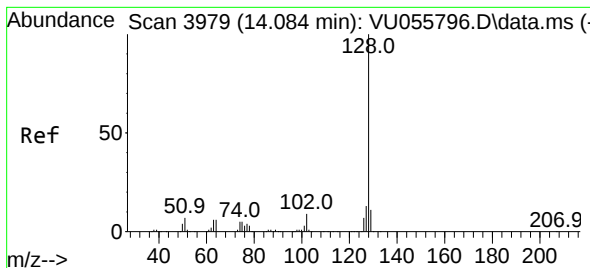
Delta R.T. 0.000 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion:	225	Resp:	15329
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.2	75.4
227	59.6	51.5	77.3





#89

Naphthalene

Concen: 1.624 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBS01

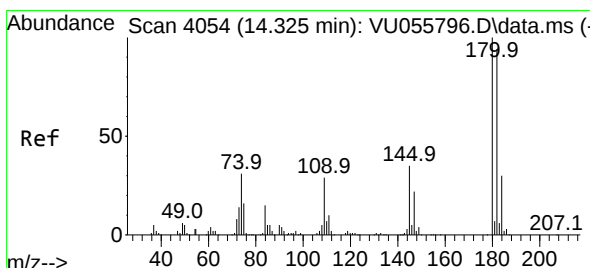
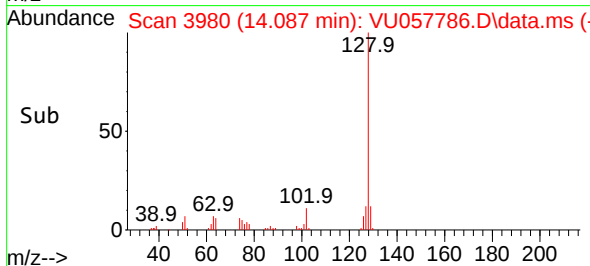
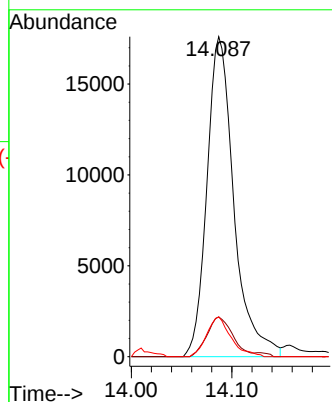
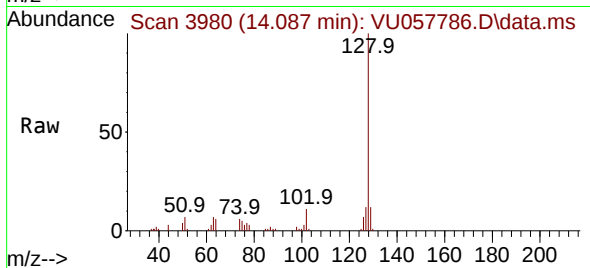
Tgt Ion:128	Resp:	3284
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.9 16.3
129	11.2	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#90

1,2,3-Trichlorobenzene

Concen: 1.713 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057786.D

Acq: 02 Feb 2024 10:49

Tgt Ion:180	Resp:	18667
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.7 113.5
145	33.2	26.1 39.1

